National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MARQUIS TECHNOLOGIES PVT. LTD., RUPA SOLITAIRE, UNIT NO.804/805, PLOT NO.2, SECTOR-1, MILLENNIUM BUSINESS PARK, MAHAPE, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 13/11/2021 to 12/11/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Phonebook Phonebook - MSISDN saved on UICC/eUICC	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.6.3 3GPP TS 31.102, 3GPP TS 51.011
2	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Phonebook Phonebook – UICC eUICC PB Memory Full	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.6.3 3GPP TS 31.102
3	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) - Additional MO SMS Functionality MO SMS - UCS-2 alphabet	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.1.6.3
4	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) - Additional MT SMS Functionality MT SMS - During call (PS Data call with active download)	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.2.7.3E 3GPP TS 23.040, 3GPP TS 26.110, 3GPP TS 26.111
5	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) - Additional MT SMS Functionality MT SMS - During call (Voice)	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.2.7.3A 3GPP TS 23.040, 3GPP TS 26.110, 3GPP TS 26.111
6	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) - Additional MT SMS Functionality MT SMS - Reception of unsupported SMS	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.2.7.2
7	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) – Mobile Originated SMS (MO) MO SMS - Default 7-bit (Concatenated)	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.1.1.3
8	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) – Mobile Originated SMS (MO) MO SMS - Default 7-bit	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.1.1.2
9	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) – Mobile Originated SMS (MO) MO SMS - Extended Default 7-bit (Concatenated)	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.1.2.2
10	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) – Mobile Originated SMS (MO) MO SMS - Status Report	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.1.5.3

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Validity 13/11/2021 to 12/11/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
11	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) – Mobile Originated SMS (MO) MO SMS - UCS-2 (Concatenated)	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.1.3.2
12	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) – Mobile Terminated SMS (MT) MT SMS - Default 7-bit (Concatenated)	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.2.1.3
13	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) – Mobile Terminated SMS (MT) MT SMS - Default 7-bit	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.2.1.2
14	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) – Mobile Terminated SMS (MT) MT SMS - Special characters	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.2.7.9 3GPP TS 23.040, TS 24.011
15	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Voice Call - Cancelled during MOC Setup	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.2.1.5 3GPP TS 24.229 3GPP TS 24.234
16	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Voice Call - DTMF Emission	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.2.1.9 3GPP TS 24.229, TS26.114 GSMA IR.92, section 3.3
17	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Voice Call - Early Media - Announcement during MOC setup	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.2.3.1 3GPP TS 24.229 and TS 24.628 GSMA IR.92, clause 2.2.7
18	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Voice Call - To Non-Cellular (Fixed Line)	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.2.1.3 3GPP TS 24.229 3GPP TS 24.234
19	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MT Video Call - DUT Accepts as Voice only Call	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.2.2.9 GSMA IR.92, IR.94
20	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MT Voice Call - From CS Client	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.2.1.11 3GPP TS 24.229 3GPP TS 24.234
21	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MT Voice Call - From IMS Client	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.2.1.10 3GPP TS 24.229 3GPP TS 24.234

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
22	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MT Voice Call - From Non-Cellular (Fixed Line)	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.2.1.12 3GPP TS 24.229 3GPP TS 24.234
23	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Phonebook Phonebook - ANR (Additional Numbers)	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.6.2 3GPP TS 31.102
24	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Support of SMSP (Short Message Service Parameter) - SMSP Write	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.5.2 3GPP TS 31.102, ETSI TS 102 221, 3GPP TS 51.011
25	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	UICC with SIM and USIM – PIN Handling PIN Handling - Enable / Disable - Enable PIN - Success	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.1.2.1 3GPP TS 31.102, 3GPP TS 11.11
26	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Attach and Detach for EPS Services – EPS Attach / Detach	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 100.1.1.1 3GPP TS 24.301, 5.3.2 3GPP TS 36.331, 5.3.3 3GPP TS 38.331, 6.3.3
27	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Attach and Detach for EPS Services - EPS Attach unsuccessful for 5G services	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 100.1.1.10 3GPP TS 24.301, 5.5.1 3GPP TS 36.331, 5.3.3 3GPP TS 38.331, 6.3.3
28	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Basic Services - Performance (Good coverage - relative measurement) Stationary Data Performance – Relative Downlink Throughput	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 101.6.3.1 3GPP TS 24.301 (section 6.4) 3GPP TS 38.331 (section 5.3)
29	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Basic Services - Performance (Good coverage - relative measurement) Stationary Data Performance – Relative Uplink Throughput	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 101.6.3.2 3GPP TS 24.301 (section 6.4) 3GPP TS 38.331 (section 5.3)
30	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Combined Attach and Detach - Combined Attach / Detach	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 100.1.2.1 3GPP TS 24.301, 5.5.1 3GPP TS 36.331, 5.3.3 3GPP TS 38.331, 6.3.3

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31	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Combined Attach and Detach - Combined EPS Attach unsuccessful for 5G services	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 100.1.2.6 3GPP TS 24.301, 5.5.1 3GPP TS 36.331, 5.3.3 3GPP TS 38.331, 6.3.3
32	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	ENDC - Connected Mode - PDN Activated - Data Transfer (CONNECTED) - Intra-Band (Long Route / Multiple Cells)	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 102.3.3A 3GPP TS 38.304, 3GPP TS 38.331, 3GPP TS 37.340
33	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	ENDC - Connected Mode - PDN Activated - VoLTE + Data Transfer (CONNECTED) - Intra-Band (Long Route / Multiple Cells)	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 102.3.4A 3GPP TS 38.304, 3GPP TS 38.331, 3GPP TS 37.340
34	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	ENDC - E-UTRA InterRAT - PDN Activated - Data Transfer (CONNECTED) - Inter-RAT (EN-DC - 4G)	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 102.3.3D 3GPP TS 38.304, 3GPP TS 38.331, 3GPP TS 37.340
35	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	ENDC - E-UTRA InterRAT - PDN Activated - VoLTE + Data Transfer (CONNECTED) - Inter-RAT (EN-DC - 4G)	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 102.3.4D 3GPP TS 38.304, 3GPP TS 38.331, 3GPP TS 37.340
36	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Multi RAT Dual Carrier - Option 3 (EPC) - Establishment of Dual Connectivity - Downlink	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 101.3.1.1 3GPP TS 24.301 3GPP TS 36.331 3GPP TS 37.340 (section 10.2)
37	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Multi RAT Dual Carrier - Option 3 (EPC) - Establishment of Dual Connectivity - Through handover procedure - Downlink	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 101.3.1.5 3GPP TS 24.301 3GPP TS 36.331 3GPP TS 37.340 (section 10.7)
38	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Multi RAT Dual Carrier - Option 3 (EPC) - Establishment of Dual Connectivity - Through handover procedure - Uplink	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 101.3.1.6 3GPP TS 24.301 3GPP TS 36.331 3GPP TS 37.340 (section 10.7)
39	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Multi RAT Dual Carrier - Option 3 (EPC) - Establishment of Dual Connectivity - Uplink (via LTE Only)	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 101.3.1.2 3GPP TS 24.301 3GPP TS 36.331 3GPP TS 37.340 (section 10.2)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
40	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Multi RAT Dual Carrier - Option 3 (EPC) - Establishment of Dual Connectivity - Uplink (via NR Only)	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 101.3.1.3 3GPP TS 24.301 3GPP TS 36.331 3GPP TS 37.340 (section 10.2)
41	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Multi RAT Dual Carrier - Option 3 (EPC) - Establishment of Dual Connectivity - Uplink (via Split DRB)	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 101.3.1.4 3GPP TS 24.301 3GPP TS 36.331 3GPP TS 37.340 (section 10.2)
42	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Multi RAT Dual Carrier - Option 3 (EPC) - Use of VoLTE Services in EN-DC mode	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 101.3.1.7 3GPP TS 24.301 3GPP TS 36.331 3GPP TS 37.340 (section 10.7)
43	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	PDN activation / deactivation (EPC) - Multiple PDN Connection Activation / Deactivation – Multiple PDN Connectivity over NR	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 101.1.2 3GPP TS 24.301 3GPP TS 36.331 3GPP TS 37.340 (section 10.2)
44	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	PDN activation / deactivation (EPC) - Multiple PDN Connection Activation / Deactivation – Single PDN Connectivity over NR	GCF-CC Annex F5.1 GSMA TS.11 Annex M Clause 101.1.1 3GPP TS 24.301 3GPP TS 36.331 3GPP TS 37.340 (section 10.2)
45	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Phonebook Phonebook - ADN	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.6.1 3GPP TS 31.102, 3GPP TS 51.011
46	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Phonebook Phonebook - Email	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.6.3 3GPP TS 31.102
47	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	PIN Handling PIN Handling - Change of PIN - PIN Blocked	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.1.3.6 3GPP TS 22.030 sub clause 6.6.3, 3GPP TS 31.102
48	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	PIN Handling PIN Handling - Change of PIN - PIN Disabled	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.1.3.7 3GPP TS 22.030 sub clause 6.6.2, 3GPP TS 31.102, ETSI TS 102 221 sub clause 14.2.3 for UICC

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
49	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	PIN Handling PIN Handling - Change of PIN - Wrong New PIN (3 digits)	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.1.3.3 3GPP TS 22.030 sub clause 6.6.2
50	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	PIN Handling PIN Handling - Change of PIN - Wrong Old PIN	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.1.3.5 3GPP TS 22.030 sub clause 6.6.2
51	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	PIN Handling PIN Handling - Change of PIN - Wrong Repeating of New PIN	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.1.3.2 3GPP TS 22.030 sub clauses 6.6.2, 3GPP TS 31.102, ETSI TS 102 221
52	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	PIN2 Handling PIN2 Handling - Change of PIN2 - PIN2 Blocked	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.2.1.6 3GPP TS 22.030 sub clause 6.6.3, 3GPP TS 31.102
53	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	PIN2 Handling PIN2 Handling - Change of PIN2 - Wrong New PIN2 (3 digits)	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.2.1.3 3GPP TS 22.030 sub clause 6.6.2
54	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	PIN2 Handling PIN2 Handling - Change of PIN2 - Wrong Old PIN2	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.2.1.5 3GPP TS 22.030 sub clause 6.6.2
55	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	PIN2 Handling PIN2 Handling - Change of PIN2 - Wrong Repeating of New PIN2	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.2.1.2 3GPP TS 22.030 sub clauses 6.6.2, 3GPP TS 31.102, ETSI TS 102 221
56	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	PIN2 Handling PUK2 Handling - Unblocking of PIN2 - Successful	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.2.3.1 3GPP TS 22.030 sub clause 6.6.3, 3GPP TS 31.102, ETSI TS 102 221
57	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) - Additional MO SMS Functionality MO SMS - Default 7-bit alphabet	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.1.6.1
58	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) - Additional MO SMS Functionality MO SMS - During call (PS Data call with active download)	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.1.5.4E 3GPP TS 23.040

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
59	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) - Additional MO SMS Functionality MO SMS - During call (Voice)	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.1.5.4A 3GPP TS 23.040
60	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) - Additional MO SMS Functionality MO SMS - Extended Default 7-bit alphabet	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.1.6.2
61	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) - Additional MO SMS Functionality MO SMS - When out of coverage	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.1.5.5
62	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) - Additional MT SMS Functionality MT SMS - Call a number included in the text of the SMS	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.2.7.5
63	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) - Additional MT SMS Functionality MT SMS - Call sender	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.2.7.4
64	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) - Additional MT SMS Functionality MT SMS - Class 0 (Displayed, but not directly stored)	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.2.5.1 3GPP TS 23.040, TS 24.011
65	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) - Additional MT SMS Functionality MT SMS - Class 1 (Stored on DUT)	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.2.5.2 3GPP TS 23.040, TS 24.011
66	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) - Additional MT SMS Functionality MT SMS - Class 2 (Stored on SIM)	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.2.5.3 3GPP TS 23.040, TS 24.011, TS 51.011
67	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) - Additional MT SMS Functionality MT SMS - Type 0	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.2.7.7 3GPP TS 23.040, section 9.2.3.9; TS 24.011
68	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) – Mobile Terminated SMS (MT) MT SMS - Default 7-bit (Concatenated - over max capacity)	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.2.1.4

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
69	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Short Message Service (SMS) – Mobile Terminated SMS (MT) MT SMS - UCS-2 (Concatenated)	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 41.2.3.2
70	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	Support of SMSP (Short Message Service Parameter) - SMSP Read	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.5.1 3GPP TS 31.102, ETSI TS 102 221, 3GPP TS 51.011
71	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	UICC with SIM and USIM – PIN Handling PIN Handling - Change of PIN - Successful	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.1.3.1 TS 22.030 sub clauses 6.6.2, TS 31.102, ETSI TS 102 221
72	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	UICC with SIM and USIM – PIN Handling PIN Handling - Enable / Disable - Disable PIN - Success	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.1.2.1 3GPP TS 31.102, 3GPP TS 11.11
73	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP Cellular Field Trials which includes 5G-NR, SMS, SIM)	UICC with SIM and USIM – PIN Handling PUK Handling - Unblocking of PIN - Successful	GCF-CC Annex F5.1 GSMA TS.11 Annex D Clause 57.1.1.5.2 3GPP TS 22.030 sub clause 6.6.3, 3GPP TS 31.102, ETSI TS 102 221
74	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Receiving) - Animated GIF Image size 160x120	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-124
75	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Receiving) - GIF Image size 160x120	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-120
76	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Receiving) - JPG Image size 160x120	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-116
77	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Receiving) - JPG Image size 640x480	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-118
78	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Receiving) - Multiple objects in same page	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-106

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
79	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Receiving) - Subject field with UTF8 encoding	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-111
80	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Receiving) - Text with special characters	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-113
81	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Receiving) - Text with US-ASCII encoding	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-112
82	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Receiving) - 3GPP Video	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-133
83	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Receiving) - AMR audio NB	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-131
84	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Receiving) - vCalendar	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-144
85	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Receiving) - vCard	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-143
86	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Sending) - 3GPP Video	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-133
87	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Sending) - AMR audio NB	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-131
88	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Sending) - Animated GIF Image size 160x120	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-124
89	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Sending) - GIF Image size 160x120	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-120
90	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Sending) - JPG Image size 160x120	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-116

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91	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Sending) - JPG Image size 640x480	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-118
92	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Sending) - Multiple objects in same page	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-106
93	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Sending) - Text with special characters	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-113
94	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Sending) - Text with US-ASCII encoding	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-112
95	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Sending) - vCard	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-143
96	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Sending) - vCalendar	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-144
97	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MO Client to Server / Server to Client Interoperability Test Cases- Delivery report – Multiple recipients each with Different Delivery Status	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-404
98	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MO Client to Server / Server to Client Interoperability Test Cases- Delivery report – Rejected message	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-402
99	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MO Client to Server / Server to Client Interoperability Test Cases- Delivery report – Retrieved message	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-401
100	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MO Client to Server / Server to Client Interoperability Test Cases- Read-Reply Report when sending to multiple recipients	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-407
101	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MO Client to Server / Server to Client Interoperability Test Cases- Read-Reply report when sending to single recipient	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-408

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
102	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MO Client to Server / Server to Client Interoperability Test Cases- Send and receive message to multiple MSISDN/MDN and email recipients (To:)	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-251
103	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MO Client to Server / Server to Client Interoperability Test Cases- Send message to one email recipient (To:)	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-254
104	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MO Client to Server / Server to Client Interoperability Test Cases- Send text, image and audio objects to email recipient	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-604
105	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MO Client to Server / Server to Client Interoperability Test Cases- To-field with US-ASCII encoding	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-209
106	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MT Client to Server / Server to Client Interoperability Test Cases - Download options – Immediate retrieval	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-501
107	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MT Client to Server / Server to Client Interoperability Test Cases - DRM support – Forward Lock	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-504
108	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Barring of Outgoing International Calls (BOIC) - Configuration	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.10.3 3GPP TS 24.229, TS.24.611
109	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Barring of all Incoming Calls (BAIC) - Configuration	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.10.13 3GPP TS 24.229, TS.24.611
110	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Barring of all Outgoing Calls (BAOC) - Configuration	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.10.2 3GPP TS 24.229, TS.24.611
111	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Barring of Incoming Calls when Roaming (BAIC-R) - Configuration	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.10.4 3GPP TS 24.229, TS.24.611

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
112	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Communication Forwarding Not Reachable (CFNRc)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.7.4 3GPP TS 24.229, TS 24.604
113	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Communication Forwarding on Busy User (CFB)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.7.3 3GPP TS 24.229, TS 24.604
114	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Communication Forwarding on no Reply (CFNRy)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.7.2 3GPP TS 24.229, TS 24.604
115	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Communication Forwarding Unconditional (CFU)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.7.1 3GPP TS 24.229, TS 24.604
116	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Communication Waiting (CW) - Configuration - Network based (Ut/XCAP)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.8.1.2 GSMA IR.92, clause 2.3.4 3GPP TS 24.615
117	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Communication Waiting (CW) - Configuration - Terminal Based	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.8.1.1 GSMA IR.92, clause 2.3.4 3GPP TS 24.615
118	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Communication Waiting (CW) – Invocation - Activated in DUT – Accept and Hold (Video)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.8.2.1b GSMA IR.92, sub clause 2.3.4 3GPP TS 24.615
119	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Communication Waiting (CW) – Invocation - Activated in DUT – Accept and Hold (Voice)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.8.2.1a GSMA IR.92, sub clause 2.3.4 3GPP TS 24.615
120	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Communication Waiting (CW) - Invocation - Activated in DUT – Accept and Release	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.8.2.2 GSMA IR.92, sub clause 2.3.4 3GPP TS 24.615
121	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Communication Waiting (CW) – Invocation - Activated in DUT – Distant clear	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.8.2.4 GSMA IR.92, sub clauses 2.3.4 3GPP TS 24.615
122	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Communication Waiting (CW) – Invocation - Activated in DUT - Reject	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.8.2.3 GSMA IR.92, clause 2.3.4 3GPP TS 24.615

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123	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Communication Waiting (CW) - Invocation - Deactivated in DUT - Network Based (Ut/XCAP)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.8.2.7 GSMA IR.92, clause 2.3.4 3GPP TS 24.615
124	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Communication Waiting (CW) – Invocation - Deactivated in DUT - Terminal Based	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.8.2.5 GSMA IR.92, sub clause 2.3.4 3GPP TS 24.615
125	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Communication Waiting (CW) - Invocation - Deactivated in DUT - Terminal Based - Interworking with CS Domain	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.8.2.6 GSMA IR.92, clause 2.3.4 GSMA IR.92, clause A.8
126	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	IMS SIP Deregistration before Detach (During Voice Call)	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.1.2.2 TS 24.229, GSMA IR.92 2.2.1
127	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	IMS SIP Deregistration before Detach (Idle)	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.1.2.1 TS 24.229, GSMA IR.92 2.2.1
128	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	IMS SIP Registration	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.1.1.2 3GPP TS 24.229; TS 24.173; TS 24.341; TS 24.237; TS 23.003; TS 33.203; TS 24.623 GSMA IR.92, 2.2.1; IR.92 4.3.1; IR.88 6.3.2
129	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	IMS SIP Registration (Periodic, During Voice Call)	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.1.1.3 TS 24.229, 5.1.1.4., GSMA IR.51, Chapter 2.2.1
130	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	IMS SIP Registration (Periodic, Idle)	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.1.1.2 3GPP TS 24.229; TS 23.228 GSMA IR.92 2.2.1; IR.51 2.2.1
131	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO SMS over IMS	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.3.1.1 3GPP TS 24.341 GSMA IR.92 2.5
132	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO SMS over IMS (Concatenated)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.3.1.2 3GPP TS 24.341 GSMA IR.92 2.5

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
133	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO SMS over IMS (during Voice Call)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.3.1.3 3GPP TS 24.341 GSMA IR.92 2.5
134	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Video Call - DUT downgrades call to Voice	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.2.8.5 3GPP TS 24.229, TS 24.301 and TS 36.331
135	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Video Call - Video not supported by Client	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.2.8.7 GSMA IR.92
136	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Video Communication Hold	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.9.4 3GPP TS 24.173, 3GPP TS 24.610 GSMA IR.92, section 2.3.10
137	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Video Conference - Create conference with IMS Clients	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.13.5 3GPP TS 24.229 3GPP TS 24.605 3GPP TS 24.147 GSMA IR.92, sections 2.3.3, 4.3.2 GSMA IR.51
138	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Video Conference - Remove and Add Video stream during Conference	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.13.6 3GPP TS 24.229 3GPP TS 24.605 3GPP TS 24.147 GSMA IR.92, sections 2.3.3, 4.3.2 GSMA IR.51
139	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Voice (OIR Enabled temporarily) - Terminal Based	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.2.1 3GPP 24.607, Section 4.5.2.1
140	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Voice Call - DUT upgrades call to Video	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.2.8.1 3GPP TS 24.229, TS 24.301 and TS 36.331
141	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Voice Call - DUT upgrades call to Video (Cancelled by DUT)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.2.8.9 3GPP TS 24.229 5.1.3.1, TS 24.301 and TS 36.331, RFC 3261
142	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Voice Call - Early Media - Alternative Ringtone	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.2.3.2 3GPP TS 24.229 and TS 24.628

SCOPE OF ACCREDITATION

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Accreditation Standard	ISO/IEC 17025:2017		
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
143	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Voice Call - Public User Identity Format (SIP-URI)	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.2.4.1 GSMA IR.92, sub clause 2.2.3 3GPP TS 23.003, sub clause 13.4, 3GPP TS 24.229
144	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Voice Call - Public User Identity Format (TEL-URI)	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.2.4.2 GSMA IR.92, sub clause 2.2.3 3GPP TS 23.003, sub clause 13.4, 3GPP TS 24.229
145	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Voice Call - SIP Preconditions required (Client not supporting SIP Preconditions)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.2.5.1 GSMA IR.92, section 2.4.1 3GPP TS 24.229, RFC 3312, RFC 4032
146	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Voice Call - To CS Client	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.2.1.2 3GPP TS 24.229 3GPP TS 24.234
147	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Voice Call - To IMS Client	GCF CC Annex F5.2 GSMA TS.11 Annex L clause 90.2.1.1 3GPP TS 24.229 3GPP TS 24.234
148	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Voice Communication Hold	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.9.1 3GPP TS 24.173, 3GPP TS 24.610 GSMA IR.92, section 2.3.10
149	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Voice Conference - Create conference with IMS Clients	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.13.1 3GPP TS 24.229 3GPP TS 24.605 3GPP TS 24.147 GSMA IR.92, sections 2.3.3, 4.3.2 GSMA IR.51
150	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MO Voice Conference - Create conference with Non-IMS Clients	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.13.2 3GPP TS 24.229 3GPP TS 24.605 3GPP TS 24.147 GSMA IR.92, sections 2.3.3, 4.3.2 GSMA IR.51
151	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MT SMS over IMS	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.3.1.4 3GPP TS 24.341 GSMA IR.92 2.5

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
152	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MT SMS over IMS (during Voice Call)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.3.1.6 3GPP TS 24.341 GSMA IR.92 2.5
153	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MT Video Call - Client downgrades call to Voice	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.2.8.6 3GPP TS 24.229, TS 24.301 and TS 36.331
154	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MT Video Conference - Join conference as Voice only	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.13.8 3GPP TS 24.229 3GPP TS 24.605 3GPP TS 24.147 GSMA IR.92, sections 2.3.3, 4.3.2 GSMA IR.51
155	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MT Video Conference - Join conference with IMS Clients	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.13.7 3GPP TS 24.229 3GPP TS 24.605 3GPP TS 24.147 GSMA IR.92, sections 2.3.3, 4.3.2 GSMA IR.51
156	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MT Voice Call - Client upgrades call to Video	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.2.8.3 3GPP TS 24.229, TS 24.301 and TS 36.331
157	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MT Voice Call - Reconfigured from Video Call (Video not supported)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.2.8.8 GSMA IR.92
158	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MT Voice Call - SIP Preconditions required (Client not supporting SIP Preconditions)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.2.5.2 GSMA IR.92, section 2.4.1 3GPP TS 24.229, RFC 3312, RFC 4032
159	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MT Voice Communication Hold	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.9.2 3GPP TS 24.173, 3GPP TS 24.610 GSMA IR.92, section 2.3.10
160	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MT Voice Conference - Join conference with IMS Clients	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.13.3 3GPP TS 24.229 3GPP TS 24.605 3GPP TS 24.147 GSMA IR.92, sections 2.3.3, 4.3.2 GSMA IR.51

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
161	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	MT WAP-PUSH SMS over IMS	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.3.1.7 3GPP TS 24.341 GSMA IR.92 2.5
162	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Terminating Identification Presentation	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.3.1 3GPP TS 24.608
163	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	Terminating Identification Restriction	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.4.1 3GPP TS 24.608
164	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	USSD over IMS supported by network (During Voice Call)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.14.2 3GPP TS 24.390
165	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (3GPP IMS subsystem Field Trials which includes IP-CAN-Independent)	USSD over IMS supported by network (Idle)	GCF-CC Annex F5.2 GSMA TS.11 Annex L Clause 90.4.14.1 3GPP TS 24.390
166	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MMS Client to Client Interoperability Test Cases (Sending) - Subject field with UTF8 encoding	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-111
167	ELECTRONICS- IT EQUIPMENT	IT equipment, Telecommunication Testing Terminal Devices. (Application Enabler Interoperability classification includes OMA MMS.)	MT Client to Server / Server to Client Interoperability Test Cases - Download options – Deferred retrieval	OMA-ETS-MMS_INT-V1_3-20101015-C MMS-1.3-int-502
168	ELECTRONICS- IT EQUIPMENT	Telecommunication Testing Terminal Devices	3GPP Cellular Field Trials, GERAN, WCDMA, E-UTRA	GSMA TS.11 GCF-CC Annex F5.1
169	ELECTRONICS- IT EQUIPMENT	Telecommunication Testing Terminal Devices	3GPP IMS subsystem Field Trials, Rich Communication, Suite v5.1, Voice/Video over LTE, Voice/Video over Wi-Fi	GSMA TS.11 GCF-CC Annex F5.2
170	ELECTRONICS- IT EQUIPMENT	Telecommunication Testing Terminal Devices	Application Enabler, Interoperability Testing, MMS Browsing	GSMA TS.11, GCF-CC Annex F5.3