FCC 47 CFR § 2.1093
IEEE Std 1528-2013

SAR EVALUATION REPORT
(Part 0 : SAR CHARACTERIZATION)

FOR

GSM/WCDMA/LTE/5G NR Phone + BT/BLE, DTS/UNII a/b/g/n/ac/ax, NFC, WPT and UWB

MODEL NUMBER: SM-F956B/DS, SM-F956B

FCC ID: A3LSMF956B

REPORT NUMBER: 4791196626-S1V2

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Prepared for
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IAS ACCREDITED

Testing Laboratory

TL-637

Revision History

Rev.	Date	Revisions	Revised By
V1	5/3/2024	Initial Issue	--
V2	5/10/2024	Revised Sec.6.3. SAR Characterizations table	Hakchul Lee

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1. Attestation of SAR Characterization

Applicant Name	SAMSUNG ELECTRONICS CO.,LTD.
FCC ID	A3LSMF956B
Model Number	SM-F956B/DS, SM-F956B
Applicable Standards	FCC 47 CFR § 2.1093 IEC Std 1528 IEC/IEEE Std 62209-1528 Published RF exposure KDB procedures
Report type	Part.0 : SAR Characterization
Date Tested	2/28/2024 to 5/3/2024
Part 0 Purpose	Part 0 is the procedures for determining P_{Limit} for 2G/3G/4G/5G NR sub6 and WLAN/BT to satisfy *SAR_design_target* in order to FCC limit's requirement.

UL Korea, Ltd. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by UL Korea, Ltd. based on interpretations and/or observations of test results. Measurement Uncertainties were not taken into account and are published for informational purposes only. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by UL Korea, Ltd. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL Korea, Ltd. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by IAS, any agency of the Federal Government, or any agency of any government

Approved & Released By:	Prepared By:
	
Justin Park Operations Leader UL Korea, Ltd. Suwon Laboratory	Juyeon Choi Laboratory Engineer UL Korea, Ltd. Suwon Laboratory

2. Introduction

The equipment under test (EUT) is SAMSUNG Smartphone (FCC ID : A3LSMF956B), it contains the Qualcomm modems supporting 2G/3G/4G/5G NR and WLAN/BT technologies. These modems are enable with Qualcomm Smart Transmit feature to control and manage transmitting power in real time and to ensure at all times the time-averaged RF exposure is in compliance with FCC requirement.

This purpose of the part 0 report is to determine SAR char is derived from SAR test measurements and conducted power measurements to determine P_{Limit} for each technology/band. The P_{Limit} represents the maximum time-averaged power level for the corresponding radio/antenna configuration.

3. Facilities and Accreditation

The test sites and measurement facilities used to collect data are located at

Suwon	
SAR 1 Room	SAR 6 Room
SAR 2 Room	SAR 7 Room
SAR 3 Room	SAR 9 Room
SAR 4 Room	SAR 17 Room
SAR 5 Room	SAR 19 Room

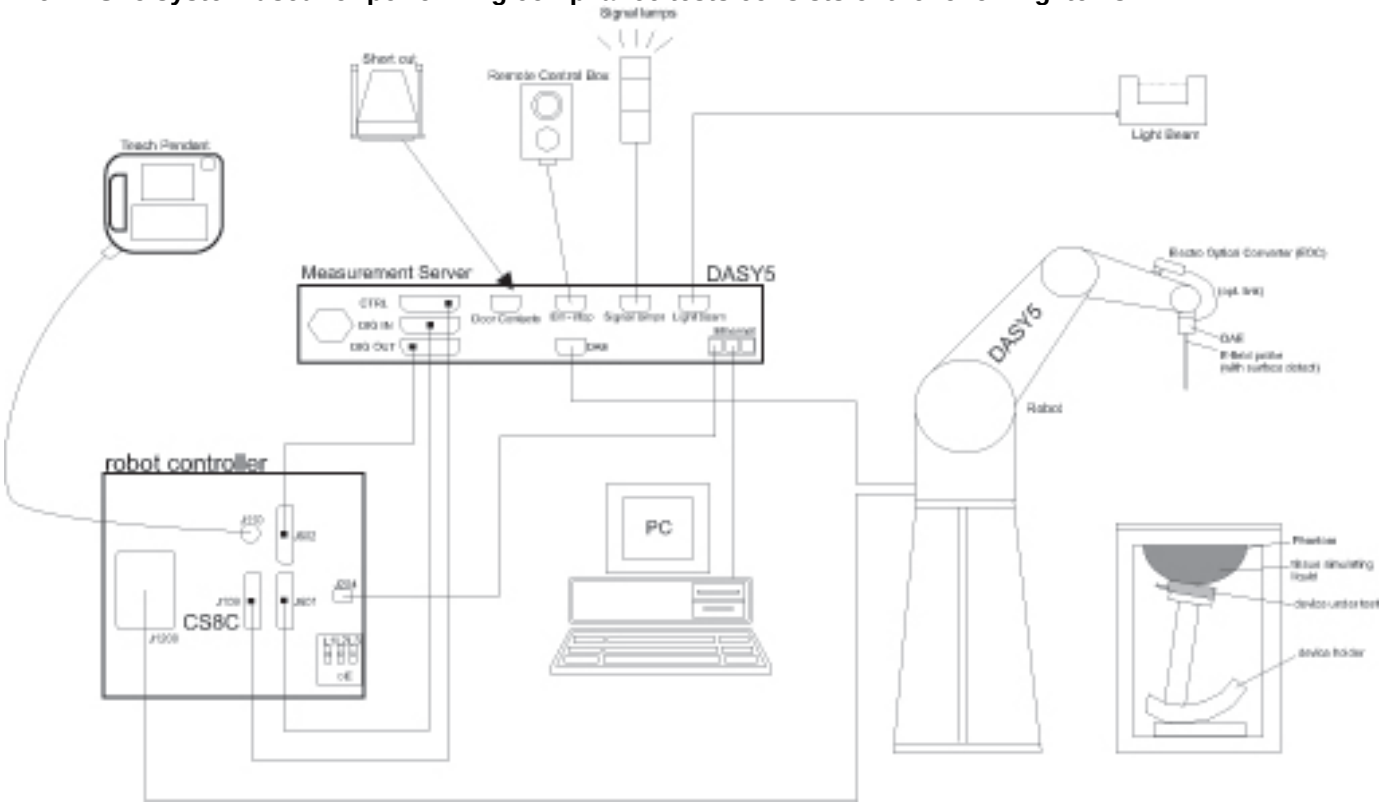
UL Korea, Ltd. is accredited by IAS, Laboratory Code TL-637.
The full scope of accreditation can be viewed at

https://www.iasonline.org/wp-content/uploads/2017/05/TL-637-cert-New.pdf.

4. SAR Measurement System & Test Equipment

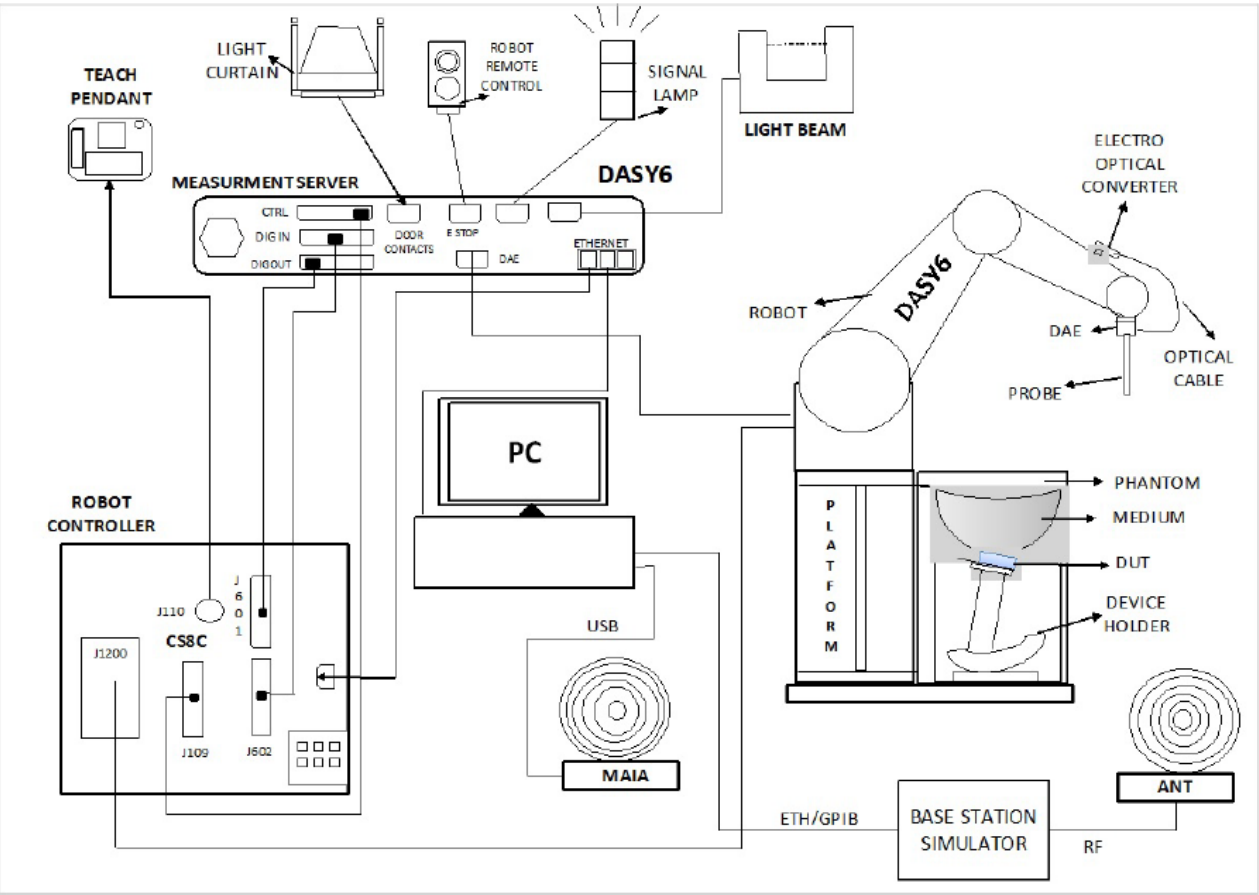
4.1. SAR Measurement System

The DASY5 system used for performing compliance tests consists of the following items:



- A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- An isotropic Field probe optimized and calibrated for the targeted measurement.
- A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running WinXP or Win7 and the DASY5 software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder and other accessories according to the targeted measurement.

The DASY6 & 8 system used for performing compliance tests consists of the following items:



- A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- An isotropic Field probe optimized and calibrated for the targeted measurement.
- A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.
- The Electro-optical converter (EOC) performs the conversion from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running Win10 and the DASY6 or 8 software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder and other accessories according to the targeted measurement.

4.2. SAR Scan Procedures

Step 1: Power Reference Measurement

The Power Reference Measurement and Power Drift Measurements are for monitoring the power drift of the device under test in the batch process. The minimum distance of probe sensors to surface determines the closest measurement point to phantom surface. The minimum distance of probe sensors to surface is 2.1 mm. This distance cannot be smaller than the distance of sensor calibration points to probe tip as defined in the probe properties.

Step 2: Area Scan

The Area Scan is used as a fast scan in two dimensions to find the area of high field values, before doing a fine measurement around the hot spot. The sophisticated interpolation routines implemented in DASY software can find the maximum locations even in relatively coarse grids. When an Area Scan has measured all reachable points, it computes the field maximal found in the scanned area, within a range of the global maximum. The range (in dB) is specified in the standards for compliance testing. For example, a 2 dB range is required in IEEE Standard 1528 and IEC 62209 standards, whereby 3 dB is a requirement when compliance is assessed in accordance with the ARIB standard (Japan). If only one Zoom Scan follows the Area Scan, then only the absolute maximum will be taken as reference. For cases where multiple maximums are detected, the number of Zoom Scans has to be increased accordingly.

Area Scan Parameters extracted from KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz

	≤ 3 GHz	> 3 GHz
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface	5 ± 1 mm	½·δ·ln(2) ± 0.5 mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location	30° ± 1°	20° ± 1°
Maximum area scan spatial resolution: Δx_{Area}, Δy_{Area}	≤ 2 GHz: ≤ 15 mm 2 – 3 GHz: ≤ 12 mm	3 – 4 GHz: ≤ 12 mm 4 – 6 GHz: ≤ 10 mm
	When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.	

Step 3: Zoom Scan

Zoom Scans are used to assess the peak spatial SAR values within a cubic averaging volume containing 1 g and 10 g of simulated tissue. The Zoom Scan measures points (refer to table below) within a cube whose base faces are centered on the maxima found in a preceding area scan job within the same procedure. When the measurement is done, the Zoom Scan evaluates the averaged SAR for 1 g and 10 g and displays these values next to the job's label.

Zoom Scan Parameters extracted from KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz

			≤ 3 GHz	> 3 GHz
Maximum zoom scan spatial resolution: Δx_{Zoom}, Δy_{Zoom}			≤ 2 GHz: ≤ 8 mm 2 – 3 GHz: ≤ 5 mm*	3 – 4 GHz: ≤ 5 mm* 4 – 6 GHz: ≤ 4 mm*
Maximum zoom scan spatial resolution, normal to phantom surface	uniform grid: $\Delta z_{Zoom}(n)$		≤ 5 mm	3 – 4 GHz: ≤ 4 mm 4 – 5 GHz: ≤ 3 mm 5 – 6 GHz: ≤ 2 mm
	graded grid	$\Delta z_{Zoom}(1)$: between 1st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
		$\Delta z_{Zoom}(n>1)$: between subsequent points	≤ 1.5·$\Delta z_{Zoom}(n-1)$	
Minimum zoom scan volume	x, y, z		≥ 30 mm	3 – 4 GHz: ≥ 28 mm 4 – 5 GHz: ≥ 25 mm 5 – 6 GHz: ≥ 22 mm

Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see draft standard IEEE P1528-2011 for details.

* When zoom scan is required and the *reported* SAR from the *area scan based 1-g SAR estimation* procedures of KDB 447498 is ≤ 1.4 W/kg, ≤ 8 mm, ≤ 7 mm and ≤ 5 mm zoom scan resolution may be applied, respectively, for 2 GHz to 3 GHz, 3 GHz to 4 GHz and 4 GHz to 6 GHz.

Step 4: Power drift measurement

The Power Drift Measurement measures the field at the same location as the most recent power reference measurement within the same procedure, and with the same settings. The Power Drift Measurement gives the field difference in dB from the reading conducted within the last Power Reference Measurement. This allows a user to monitor the power drift of the device under test within a batch process. The measurement procedure is the same as Step 1.

Step 5: Z-Scan (FCC only)

The Z Scan measures points along a vertical straight line. The line runs along the Z-axis of a one-dimensional grid. In order to get a reasonable extrapolation the extrapolated distance should not be larger than the step size in Z-direction.

4.3. Test Equipment

The measuring equipment used to perform the tests documented in this report has been calibrated in accordance with the manufacturers' recommendations, and is traceable to recognized national standards.

Dielectric Property Measurements

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Network Analyzer	Agilent	E5071C	MY46522054	7-24-2024
Network Analyzer	ROHDE & SCHWARZ	ZNB 20	102256	7-24-2024
Dielectric Assessment Kit	SPEAG	DAK-12	1158	9-20-2024
Dielectric Assessment Kit	SPEAG	DAK-3.5	1133	**3-20-2024**
Dielectric Assessment Kit	SPEAG	DAK-3.5	1133	3-12-2025
Dielectric Assessment Kit	SPEAG	DAK-3.5	1134	**4-24-2024**
Dielectric Assessment Kit	SPEAG	DAK-3.5	1196	7-17-2024
Vector Network Analyzer	SPEAG	DAKS_VNA R140	SN0050221	**4-26-2024**
Vector Network Analyzer	SPEAG	DAKS_VNA R140	SN0060221	3-21-2025
Vector Network Analyzer	SPEAG	DAKS_VNA R140	SN0060221	**4-26-2024**
Shorting block	SPEAG	DAK-3.5 Short	SM DAK 200 BA	N/A
Shorting block	SPEAG	DAK-12 Short	SM DAK 220 AD	N/A
Thermometer	LKM	DTM3000	3851	7-25-2024
Thermometer	LKM	DTM3000	3862	7-25-2024

System Check

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
MXG Analog Signal Generator	Aglient	N5181A	MY50145882	7-26-2024
MXG Analog Signal Generator	Keysight	N5181B	MY59100587	7-26-2024
MXG Analog Signal Generator	Keysight	N5173B	MY59101083	7-27-2024
MXG Analog Signal Generator	Aglient	E8257D	MY53400994	7-24-2024
Power Sensor	KEYSIGHT	U2000A	MY60180020	7-26-2024
Power Sensor	KEYSIGHT	U2000A	MY60490008	7-25-2024
Power Sensor	KEYSIGHT	U2000A	MY60160004	7-25-2024
Power Sensor	KEYSIGHT	U2000A	MY61010006	7-25-2024
Power Sensor	KEYSIGHT	U2000A	MY61010010	7-25-2024
Power Sensor	KEYSIGHT	U2004A USB Sensor	MY61200006	1-3-2025
Power Sensor	KEYSIGHT	U2004A USB Sensor	MY61280010	1-3-2025
Power Amplifier	EXODUS	AMP2027	1410025-AMP2027-10003	2-14-2025
Power Amplifier	MINI-CIRCUITS	TVA-R5-13A+	2111006	1-3-2025
Power Amplifier	EXODUS	AMP2027ADB	10002	1-5-2025
Power Amplifier	Sambo	BA00T60W2D	S3010-0001	2-21-2025
Directional Coupler	Aglient	772D	MY52180193	7-25-2024
Directional Coupler	H.P	778D	16133	7-25-2024
Directional Coupler	NARDA	4216-10	02835	7-25-2024
Directional Coupler	MINI-CIRCUITS	ZMDC-30-1+	SF569102123	7-25-2024
Directional Coupler	MINI-CIRCUITS	ZUDC20-183+	N/A	7-24-2024
Directional Coupler	MINI-CIRCUITS	ZUDC20-183+	N/A	7-24-2024
Directional Coupler	KRYTAR	100318010	215541	1-4-2025
Directional Coupler	KRYTAR	100318010	215542	1-4-2025
Directional Coupler	MINI-CIRCUITS	ZMDC10-83-S+	2316	2-28-2025
Directional Coupler	MINI-CIRCUITS	ZMDC10-83-S+	2316	2-28-2025
Low Pass Filter	FILTRON	L14012FL	1410003S	7-25-2024
Low Pass Filter	MICROLAB	LA-60N	3942	7-25-2024
Low Pass Filter	MICROLAB	LA-15N	3943	7-25-2024
Low Pass Filter	MINI-CIRCUITS	VLF-6000+	S0141	7-25-2024
Low Pass Filter	MINI-CIRCUITS	VLF-6000+	S0142	7-25-2024
Low Pass Filter	MINI-CIRCUITS	VLF-3000+	S0143	7-25-2024
Low Pass Filter	MINI-CIRCUITS	NLP-1200+	VUU19301915	1-4-2025
Low Pass Filter	MINI-CIRCUITS	NLP-1200+	VUU19301915	1-4-2025
Low Pass Filter	MINI-CIRCUITS	NLP-1200	VUU19301915	7-25-2024

Note(s):

1. For System Validation Dipole, Calibration interval applied every 2 years according to referencing KDB 865664 guidance.
2. All equipments were used until Cal.Due data.

Test Equipment (Continued)

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Low Pass Filter	KRYTAR	WLKX10-11000-13640-21000-60TS	1	7-25-2024
Low Pass Filter	MINI-CIRCUITS	VLF-1500+	32333	2-28-2025
Low Pass Filter	MINI-CIRCUITS	VLF-1500+	32241	2-28-2025
Low Pass Filter	MINI-CIRCUITS	VLF-3000+	32226	2-28-2025
Attenuator	KEYSIGHT	BW-S3W10+	N/A	1-4-2025
Attenuator	KEYSIGHT	8491B003	MY39272275	7-25-2024
Attenuator	KEYSIGHT	8491B003	MY39272277	7-24-2024
Attenuator	KEYSIGHT	8491B/003	VE2017A0283	7-25-2024
Attenuator	KEYSIGHT	8491B/003	MY39272276	7-25-2024
Attenuator	KEYSIGHT	8491B/010	MY39271981	7-24-2024
Attenuator	KEYSIGHT	8491B/010	MY39272011	7-25-2024
Attenuator	KEYSIGHT	8491B010	MY39272293	7-25-2024
Attenuator	KEYSIGHT	8491B010	MY39272306	7-24-2024
Attenuator	KEYSIGHT	8491B020	MY39272300	7-25-2024
Attenuator	KEYSIGHT	8491B/020	MY39272301	7-25-2024
Attenuator	KEYSIGHT	8491B/020	MY39272302	7-24-2024
Attenuator	KEYSIGHT	8491B/020	MY39271973	7-25-2024
E-Field Probe	SPEAG	EX3DV4	7313	2-21-2025
E-Field Probe	SPEAG	EX3DV4	7314	5-26-2024
E-Field Probe	SPEAG	EX3DV4	7330	1-22-2025
E-Field Probe	SPEAG	EX3DV4	7376	7-25-2024
E-Field Probe	SPEAG	EX3DV4	7545	8-25-2024
E-Field Probe	SPEAG	EX3DV4	7645	9-20-2024
E-Field Probe	SPEAG	EX3DV4	7651	5-30-2024
E-Field Probe	SPEAG	EX3DV4	7651	3-18-2025
E-Field Probe	SPEAG	EX3DV4	7646	**3-23-2024**
E-Field Probe	SPEAG	EX3DV4	7646	3-15-2025
E-Field Probe	SPEAG	EX3DV4	7652	**4-24-2024**
E-Field Probe	SPEAG	EX3DV4	3871	8-25-2024
E-Field Probe	SPEAG	EX3DV4	7811	5-3-2024
E-Field Probe	SPEAG	EX3DV4	7850	10-27-2024
Data Acquisition Electronics	SPEAG	DAE4	1447	**3-22-2024**
Data Acquisition Electronics	SPEAG	DAE4	1447	3-13-2025
Data Acquisition Electronics	SPEAG	DAE4	1468	8-24-2024
Data Acquisition Electronics	SPEAG	DAE4	1494	7-17-2024
Data Acquisition Electronics	SPEAG	DAE4	1591	2-16-2025
Data Acquisition Electronics	SPEAG	DAE4	1670	5-24-2024
Data Acquisition Electronics	SPEAG	DAE4	1798	5-2-2024
Data Acquisition Electronics	SPEAG	DAE4	1675	5-11-2024
Data Acquisition Electronics	SPEAG	DAE4	912	11-17-2024
Data Acquisition Electronics	SPEAG	DAE4	474	11-10-2024
System Validation Dipole	SPEAG	CLA -13	1015	8-22-2024
System Validation Dipole	SPEAG	D750V3	1205	4-18-2025
System Validation Dipole	SPEAG	D750V3	1122	2-22-2025
System Validation Dipole	SPEAG	D835V2	4d194	3-24-2024
System Validation Dipole	SPEAG	D835V2	4d194	3-11-2025
System Validation Dipole	SPEAG	D835V2	4d174	9-21-2024
System Validation Dipole	SPEAG	D1750V2	1125	11-30-2024
System Validation Dipole	SPEAG	D1900V2	5d190	11-16-2024
System Validation Dipole	SPEAG	D2450V2	939	7-19-2024
System Validation Dipole	SPEAG	D5GHzV2	1325	4-21-2025
System Validation Dipole	SPEAG	D5GHzV2	1209	2-28-2025
System Validation Dipole	SPEAG	D3500V2	1121	4-20-2025
System Validation Dipole	SPEAG	D3500V2	1075	5-19-2024
System Validation Dipole	SPEAG	D3700V2	1036	5-19-2024

Note(s):

1. For System Validation Dipole, Calibration interval applied every 2 years according to referencing KDB 865664 guidance.
2. Refer to Appendix F that mentioned about justification for Extended SAR Dipole Calibrations. (for blue box items)
3. All equipments were used until Cal.Due data.

Test Equipment (Continued)

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
System Validation Dipole	SPEAG	D1750V2	1180	9-21-2024
System Validation Dipole	SPEAG	D2600V2	1178	4-25-2025
System Validation Dipole	SPEAG	D2600V2	1097	9-26-2024
System Validation Dipole	SPEAG	D3900V2	1069	4-21-2025
Thermometer	Lutron	MHB-382SD	AH.50215	1-4-2025
Thermometer	Lutron	MHB-382SD	AH.50213	1-4-2025
Thermometer	Lutron	MHB-382SD	AH.91463	1-4-2025
Thermometer	Lutron	MHB-382SD	AJ.42446	7-31-2024
Thermometer	Lutron	MHB-382SD	AK.12102	7-31-2024
Thermometer	Lutron	MHB-382SD	AK.12103	7-31-2024
Thermometer	Lutron	MHB-382SD	AK.12123	1-8-2025
Thermometer	Lutron	MHB-382SD	AK.18789	7-31-2024
Thermometer	Lutron	MHB-382SD	AJ.45903	1-8-2025

Others

Name of Equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
Base Station Simulator	R & S	CMW500	150313	7-27-2024
Base Station Simulator	R & S	CMW500	150314	7-26-2024
Base Station Simulator	R & S	CMW500	162790	7-26-2024
Base Station Simulator	R & S	CMW500	169803	3-25-2025
Base Station Simulator	R & S	CMW500	169801	1-3-2025
Base Station Simulator	R & S	CMW500	169802	1-3-2025
Base Station Simulator	R & S	CMW500	169799	7-26-2024
Base Station Simulator	R & S	CMW500	169800	7-27-2024
UXM 5G Wireless Test Platform	KEYSIGHT	E7515B	MY57510596	7-27-2024
UXM 5G Wireless Test Platform	KEYSIGHT	E751B	MY59150850	1-3-2025
UXM 5G Wireless Test Platform	KEYSIGHT	E751B	MY57510655	1-3-2025
UXM 5G Wireless Test Platform	KEYSIGHT	E7515B	MY58120110	1-3-2025
Radio Communication Test Station	Anritsu	MT8000A	6272466165	10-18-2024
Radio Communication Analyzer	Anritsu	MT8821C	6161094351	11-30-2024

Note(s):

1. For System Validation Dipole, Calibration interval applied every 2 years according to referencing KDB 865664 guidance.
2. Refer to Appendix F that mentioned about justification for Extended SAR Dipole Calibrations. (for blue box items)
3. All equipments were used until Cal.Due data.

5. Device Under Test (DUT) Information

5.1. Wireless Technologies

Wireless technologies	Frequency bands	Operating mode		Duty Cycle used for SAR testing
GSM	850 1900	Voice (GMSK) GPRS (GMSK) EGPRS (8PSK)	GPRS Multi-Slot Class: ☐ Class 8 - 1 Up, 4 Down ☐ Class 10 - 2 Up, 4 Down ☐ Class 12 - 4 Up, 4 Down ☒ Class 33 - 4 Up, 5 Down	GSM Voice: 12.5% (E)GPRS: 1 Slot: 12.5% 2 Slots: 25% 3 Slots: 37.5% 4 Slots: 50%
	Does this device support DTM (Dual Transfer Mode)? ☐ Yes ☒ No			
W-CDMA (UMTS)	Band II Band IV Band V	UMTS Rel. 99 (Voice & Data) HSDPA (Category 24) HSUPA (Category 6) DC-HSDPA (Category 24) HSPA+ (DL only)		100%
LTE	FDD Band 12 / Band 17 FDD Band 13 / Band 26 FDD Band 5 / Band 66 FDD Band 4 / Band 25 FDD Band 2 TDD Band 41-PC3&PC2	QPSK 16QAM 64QAM 256QAM Rel. 16 Carrier Aggregation (2 Uplink and 5 Downlinks) **<u>UL CA inter band (2CC)</u>** 2A-4A / 4A-5A / 4A-12A / 5A-66A / 12A-66A		100% (FDD) 63.3% (TDD) Power Class 3 43.3% (TDD) Power Class 2
	Does this device support SV-LTE (1xRTT-LTE)? ☐ Yes ☒ No			
NR (Sub6)	FDD Band n5 / Band n66 FDD Band n25 / Band n2 TDD Band n41 TDD Band n77	DFT-s-ODFM: ■ π/2 BPSK, QPSK, 16QAM, 64QAM, 256QAM CP-ODFM: ■QPSK, 16QAM, 64QAM, 256QAM		100%
Wi-Fi	2.4 GHz	802.11b / 802.11g / 802.11n (HT20) 802.11ac (VHT20) / 802.11ax (HE20)		98.80% (802.11b)
	5 GHz	802.11a / 802.11n (HT20) & (HT40) 802.11ac (VHT20) & (VHT40) & (VHT80) & (VHT160) 802.11ax (HE20) & (HE40) & (HE80) & (HE160)		98.18% (802.11n (HT40) 94.43% (802.11ac (VHT80)
	6 GHz	802.11a 802.11ax (HE20) & (HE40) & (HE80) & (HE160)		99.63% (802.11ax (HE160)
	Does this device support bands 5.60 ~ 5.65 GHz? ☒ Yes ☐ No			
	Does this device support Band gap channel(s)? ☒ Yes ☐ No			
Bluetooth	2.4 GHz	Version 5.3 LE		85.39% (LE-1M) 77.09% (BDR)
NFC	13.56 MHz	Type A/B/F		100%
UWB	6489.6 – 7987.2 MHz	Signal Configurations(0/1/3), PRF modes(BPRF/HPRF)		100%

Notes:

1. Wi-Fi & Bluetooth were tested SAR using highest duty cycle.
2. This device supports Power Class 2(HPUE) and Power Class 3 for LTE Band 41.
3. This device supports UL CA inter/intra band in LTE Band.
4. NR TDD Band n41 & n77 has support SRS(0,1,2,3) modes.
5. 6GHz RF Exposure report has test results of WiFi 6GHz and UWB.

5.2. Time-Averaging for SAR

This device is enabled with Qualcomm Smart Transmit algorithm to control and manage transmitting power in real time and to ensure that the time-averaged RF exposure from 2G/3G/4G/5G NR Sub6 WWAN/WIFI/BT is compliance with FCC requirement. This part.0 report shows SAR characterization of 2G/3G/4G/5G NR Sub6 and WLAN/BT. Characterization is achieved by determining P_{limit} for 2G/3G/4G/5G NR Sub6 and WLAN/BT that correspond to the *SAR_design_target* after accounting for all device design related uncertainty. The SAR Characterization is denoted as SAR Char in this report.

5.3. Nomenclature for Part 0 Report

Technology	Term	Description
2G/3G/4G/ 5G NR Sub6/ and WLAN/BT	P_{limit}	Power level that corresponds to the exposure design target (*SAR_design_target*) after accounting for all device design related uncertainties
	P_{max}	Maximum tune up output power
	SAR_design_target	Target SAR level < FCC SAR limit after accounting for all device design related uncertainties
	SAR Char	Table containing P_{limit} for all technologies and bands

6. SAR Characterizations

6.1. SAR Design Target

SAR_Design_target is determined by ensuring that it is less than FCC SAR limit after accounting for total device designed related uncertainties specified by the manufacturer.

SAR_design_target			
$SAR\_design\_target < SAR\_regulatory\_limit \times 10^{\frac{-Total\ Uncertainty}{10}}$			
1g SAR (W/kg)		**10g SAR (W/kg)**	
Total Uncertainty	**1.0 dB**	**Total Uncertainty**	**1.0 dB**
SAR_regulatory_limit	**1.6 W/kg**	***SAR_regulatory_limit***	**4.0 W/kg**
SAR_design_target	**1.0 W/kg**	***SAR_design_target***	**2.5 W/kg**

6.2. DSI and SAR Determination

This device uses different Device State Index (DSI) to configure different time averaged power levels based on certain exposure scenarios. Depending on the detection scheme implemented in the Tablet, the worst-case SAR was determined by measurements for the relevant exposure conditions for that DSI. Detailed descriptions of the detection mechanisms are included in the operational description.

The device state index (DSI) conditions used in below table represent different exposure scenarios.

DSI and Corresponding Exposure Scenarios

RF exposure Scenarios	DSI No.	Descroption	KDB guide For SAR test
Folder Opened - Head	2	1. Next to the ear exposure condition. 2. Handset's Receiver(ear piece) is active during voice or VoIP call.	KDB 648474 D04
Folder Closed - Head	3	1. Next to the ear exposure condition. 2. Handset's Receiver(ear piece) is active during voice or VoIP call.	KDB 648474 D04
Folder Opened - Body	0	1. UMPC-mini Tablet are designed for interactive hand-held use next to or near the body of users.	KDB 941225 D07
Folder Closed - Body	1	1. Handsets supports Hotspot mode that Active near body. 2. Handsets are carried in body-worn accessories. 3. Hand use conditions for Handsets(Phablet).	KDB 648474 D04 KDB 941225 D06

6.3. SAR Char

SAR results corresponding to P_{max} for each antenna/technology/band/DSI can be found in Section.7. P_{limit} is calculated by linearly scaling with the measured SAR at the P_{max} to correspond to *the SAR_ design_target*. P_{limit} determination for each exposure scenario corresponding to *SAR_design_target* are shown in table.

P_{Limit} Determination

Device State Index (DSI)	Plimit Determination Scenarios
DSI = 0	The worst-case SAR exposure is determined as maximum SAR normalized to the limit among; 1. Body 1-g SAR at 10 mm in Folder Open condition. 2. Extremity 10-g SAR at 0 mm in Folder Open condition.
DSI = 1	The worst-case SAR exposure is determined as maximum SAR normalized to the limit among; 1. Bodyworn & Hotspot 1g SAR at 10 mm in Folder Close condition. 2. Product Specific 10g SAR at 0 mm in Folder Close condition.
DSI = 2 or 3	1. Plimit is calculated based on Head exposure SAR

Notes:

1. For DSI = 1, Plimit is calculated by:

All Antennas

P_{limit} = min{ P_{limit} corresponding to Body-worn & Hotspot 1g SAR evaluation at 10mm spacing,

P_{limit} corresponding to Product specifc 10g SAR evaluation at 0 mm on all surfaces and side edges with each antenna location at within 25mm from that surface or edge.}

2. For DSI = 0, Plimit is calculated by:

All Antennas

P_{limit} = min{ P_{limit} corresponding to Body 1-g SAR evaluation at 10mm spacing,

P_{limit} corresponding to Extremity 10-g SAR evaluation at 0 mm on all surfaces and side edges with each antenna location at within 25mm from that surface or edge.}

SAR Characterizations

Exposure condition			Folder Open UMPC Body 1-g	Folder Open UMPC Extremity 10-g	Folder Closed Bodyworn & Hotspot	Folder Closed Phablet Specific 10-g SAR	Folder Closed Head	Pmax (Maximum tune-up Power) (dBm)
Spatial-average			1g	10g	1g	10g	1g	
Test distance (mm)			10	0	10	0	0	
Configuration			Folder Open	Folder Open	Folder Close	Folder Close	Folder Close	
DSI :			0		1		3	
RF Air Interface	Antenna	Antenna Group	Plimit corresponding to 1.0 W/kg (SAR_design_target) (1g) / 2.5 W/kg (SAR_design_target) (10g)					
GSM 850	A, A+B	AG 0	27.2		26.7	26.7	29.2	25.3
GSM 850	D	AG 1	28.0		32.0	29.1	34.8	25.3
GSM 1900	B	AG 0	18.3		18.3	18.3	30.6	21.8
WCDMA 2	B	AG 0	19.0		19.0	19.0	29.5	24.0
WCDMA 4	B	AG 0	19.0		19.0	19.0	30.9	23.8
WCDMA 5	A, A+B	AG 0	25.7		25.7	25.7	29.3	24.5
WCDMA 5	D	AG 1	25.5		27.8	27.8	31.0	24.5
LTE Band 5	A, A+B	AG 0	25.5		26.4	26.4	29.1	24.5
LTE Band 5	D	AG 1	26.5		31.1	28.8	32.8	24.5
LTE Band 12(17)	A, A+B	AG 0	25.5		27.0	27.0	29.6	24.5
LTE Band 12(17)	D	AG 1	25.8		30.8	27.9	31.6	24.5
LTE Band 13	A, A+B	AG 0	25.9		26.6	26.6	31.3	24.0
LTE Band 13	D	AG 1	25.5		33.0	28.1	28.0	24.0
LTE Band 25(2)	B	AG 0	18.0		19.0	19.0	29.9	24.0
LTE Band 25(2)	E	AG 1	20.0		20.0	22.5	22.5	24.0
LTE Band 26	A, A+B	AG 0	25.5		26.4	26.4	29.6	24.5
LTE Band 26	D	AG 1	26.5		30.7	28.1	33.1	24.5
LTE Band 66(4)	B	AG 0	19.0		19.0	19.0	30.4	23.5
LTE Band 66(4)	E	AG 1	20.0		20.0	20.0	21.5	23.5
LTE Band 41PC3	B	AG 0	16.5		18.0	18.0	29.3	22.0
LTE Band 41 PC3	E	AG 1	19.0		19.0	19.0	26.3	22.5
LTE Band 41 PC2	B	AG 0	16.5		18.0	18.0	29.3	21.6
LTE Band 41 PC2	E	AG 1	19.0		19.0	19.0	26.0	22.4
NR Band n5	A, A+B	AG 0	25.0		27.1	27.1	29.2	24.0
NR Band n5	D	AG 1	25.5		30.6	29.3	32.4	24.0
NR Band n25(2)	B	AG 0	18.0		19.0	19.0	29.8	23.0
NR Band n25(2)	E	AG 1	20.0		20.0	20.0	22.5	23.0
NR Band n66	B	AG 0	19.0		19.0	19.0	30.8	23.5
NR Band n66	E	AG 1	20.0		20.0	20.0	21.5	23.0
NR Band n41 -Main- (Switching SRS1)	E	AG 1	18.5		18.5	22.0	22.0	24.0
NR Band n41 -SRS2- (Switching SRS3)	G	AG 1	12.0		12.0	12.0	12.0	19.0
NR Band n41 swithcing -Main- (non switching SRS1)	B	AG 0	16.5		18.0	18.0	33.9	24.0
NR Band n41 swithcing -SRS2- (non switching SRS3)	C	AG 0	12.0		12.0	12.0	12.0	17.5
NR Band n77 PC2 -Main-	E	AG 1	17.5		17.5	17.5	18.0	24.5
NR Band n77 PC2 -SRS1-	C	AG 0	14.0		14.0	14.0	14.0	17.0
NR Band n77 PC2 -SRS2-	F	AG 1	14.0		14.0	14.0	14.0	24.5
NR Band n77 PC2 -SRS3-	A	AG 0	14.0		14.0	14.0	14.0	19.0
DTS SISO Ant. 1	G	AG 1	17.0		17.0	17.0	17.0	19.0
DTS SISO Ant. 2	F	AG 1	17.0		17.0	17.0	17.0	19.0
DTS MIMO	G+F	AG 1	17.0		17.0	17.0	17.0	19.0
UNII-2A SISO Ant. 1	G	AG 1	19.8		28.1	20.9	19.4	17.0
UNII-2A SISO Ant. 2	D	AG 1	20.0		25.2	23.6	24.8	17.0
UNII-2A MIMO	D+G	AG 1	18.7		23.7	20.3	19.0	17.0
UNII-2C SISO Ant. 1	G	AG 1	19.3		24.1	19.9	23.7	17.0
UNII-2C SISO Ant. 2	D	AG 1	22.2		24.6	20.0	23.4	17.0
UNII-2C MIMO	D+G	AG 1	18.4		21.7	19.4	23.6	17.0
UNII-3 SISO Ant. 1	G	AG 1	18.7		22.2	20.3	20.8	17.0
UNII-3 SISO Ant. 2	D	AG 1	20.7		24.5	21.3	23.6	17.0
UNII-3 MIMO	D+G	AG 1	18.3		20.7	19.8	20.4	17.0
UNI-4 SISO Ant. 1	G	AG 1	19.0		26.5	21.3	22.9	17.0
UNI-4 SISO Ant. 2	D	AG 1	20.8		24.8	22.1	22.8	17.0
UNI-4 MIMO	D+G	AG 1	18.0		24.9	21.2	21.5	17.0
WiFi 6E SISO Ant. 1	G	AG 1	10.0		12.0	12.0	12.0	16.0
WiFi 6E SISO Ant. 2	D	AG 1	10.0		12.0	12.0	12.0	16.0
WiFi 6E MIMO	D+G	AG 1	10.0		12.0	12.0	12.0	16.0
Bluetooth Ant. 1	G	AG 1	21.0		28.3	25.9	28.5	18.5
Bluetooth Ant. 2	F	AG 1	20.5		23.8	20.2	25.0	18.5
Bluetooth MIMO	G+F	AG 1	21.5		24.2	21.9	25.1	14.5

Notes:

1. If P_{limit} is higher than P_{max} for some modes / bands, The modes/bands will operate at a power level up to P_{max}.
2. P_{max} (Maximum tune-up power) is specified in tune-up document. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty.
3. All P_{limit} EFS and maximum tune up output P_{max} levels entered in above Table correspond to average power levels after accounting for duty cycle in the case of TDD modulation schemes (e.g GSM and LTE TDD).
4. P_{limit}(DSI=0) was determined to be the lower of “UMPC Body 1-g” and “UMPC Extremity 10-g” in each WWAN Bands.
5. P_{limit}(DSI=1) was determined to be the lower of “Body-worn & Hotspot” and “Product Specific 10-g” in each WWAN Bands.
6. Some band’s DSIs were determined more conservative P_{limit} instead of calculation P_{limit} in Section.7.

7. SAR Test results for P_{limit} calculations

Head exposure (DSI = 2, 3)

RF Exposure Conditions	DSI	band	Antenna	mode	RB	Ch.	Test distance (mm)	Test position	Output power (dbm)	meas SAR 1g (W/kg)	Plimit (dBm)	Minimum Plimit (dBm)
Head	3	GSM 850	A	GPRS 2 Slots		190	0	Left Touch	24.67	0.100	34.67	32.00
							0	Left Tilt	24.67	0.086	35.32	
							0	Right Touch	24.67	0.062	36.75	
							0	Right Tilt	24.67	0.037	38.99	
			A+B	GPRS 2 Slots		190	0	Left Touch	24.67	0.131	33.50	
							0	Left Tilt	24.67	0.099	34.71	
							0	Right Touch	24.67	0.185	32.00	
							0	Right Tilt	24.67	0.128	33.60	
Head	3	GSM 850	D	GPRS 2 Slots		128	0	Left Touch	25.11	0.107	34.82	34.82
							0	Left Tilt	25.11	0.063	37.12	
							0	Right Touch	25.11	0.049	38.21	
							0	Right Tilt	25.11	0.041	38.98	
Head	3	GSM 1900	B	GPRS 2 Slots		661	0	Left Touch	21.12	0.061	33.30	33.30
							0	Left Tilt	21.12	0.034	35.79	
							0	Right Touch	21.12	0.055	33.69	
							0	Right Tilt	21.12	0.041	34.98	
Head	3	WCDMA 2	B	Rel 99		9400	0	Left Touch	23.84	0.137	32.47	32.23
							0	Left Tilt	23.84	0.069	35.46	
							0	Right Touch	23.84	0.145	32.23	
							0	Right Tilt	23.84	0.096	34.01	
Head	3	WCDMA 4	B	Rel 99		1413	0	Left Touch	23.64	0.100	33.64	33.60
							0	Left Tilt	23.64	0.051	36.56	
							0	Right Touch	23.64	0.101	33.60	
							0	Right Tilt	23.64	0.061	35.76	
Head	3	WCDMA 5	A	Rel 99		4183	0	Left Touch	24.55	0.121	33.72	32.00
							0	Left Tilt	24.55	0.092	34.91	
							0	Right Touch	24.55	0.151	32.76	
							0	Right Tilt	24.55	0.101	34.51	
			A+B	Rel 99		4183	0	Left Touch	24.55	0.134	33.28	
							0	Left Tilt	24.55	0.094	34.82	
							0	Right Touch	24.55	0.180	32.00	
							0	Right Tilt	24.55	0.112	34.06	
Head	3	WCDMA 5	D	Rel 99		4183	0	Left Touch	24.13	0.202	31.08	31.08
							0	Left Tilt	24.13	0.117	33.45	
							0	Right Touch	24.13	0.090	34.59	
							0	Right Tilt	24.13	0.078	35.21	
Head	3	LTE Band 5	A	QPSK BW = 10	1/25	20525	0	Left Touch	24.22	0.135	32.92	31.84
							0	Left Tilt	24.22	0.093	34.54	
							0	Right Touch	24.22	0.173	31.84	
							0	Right Tilt	24.22	0.102	34.13	
			A+B	QPSK BW = 10	1/25	20525	0	Left Touch	24.22	0.134	32.95	
							0	Left Tilt	24.22	0.093	34.54	
							0	Right Touch	24.22	0.173	31.84	
							0	Right Tilt	24.22	0.130	33.08	
Head	3	LTE Band 5	D	QPSK BW = 10	1/25	20525	0	Left Touch	24.20	0.135	32.90	32.90
							0	Left Tilt	24.20	0.095	34.42	
							0	Right Touch	24.20	0.078	35.28	
							0	Right Tilt	24.20	0.069	35.81	
Head	3	LTE Band 12	A	QPSK BW = 10	1/49	23095	0	Left Touch	24.70	0.136	33.36	32.37
							0	Left Tilt	24.70	0.086	35.36	
							0	Right Touch	24.70	0.164	32.55	
							0	Right Tilt	24.70	0.088	35.26	
			A+B	QPSK BW = 10	1/49	23095	0	Left Touch	24.70	0.130	33.56	
							0	Left Tilt	24.70	0.071	36.19	
							0	Right Touch	24.70	0.171	32.37	
							0	Right Tilt	24.70	0.121	33.87	
Head	3	LTE Band 12	D	QPSK BW = 10	1/25	23095	0	Left Touch	24.65	0.198	31.68	31.68
							0	Left Tilt	24.65	0.137	33.28	
							0	Right Touch	24.65	0.104	34.48	
							0	Right Tilt	24.65	0.061	36.80	
Head	3	LTE Band 13	A	QPSK BW = 10	1/25	23230	0	Left Touch	23.32	0.074	34.63	34.08
							0	Left Tilt	23.32	0.056	35.84	
							0	Right Touch	23.32	0.078	34.40	
							0	Right Tilt	23.32	0.057	35.76	
			A+B	QPSK BW = 10	1/25	23230	0	Left Touch	23.32	0.077	34.46	
							0	Left Tilt	23.32	0.061	35.47	
							0	Right Touch	23.32	0.084	34.08	
							0	Right Tilt	23.32	0.072	34.75	
Head	3	LTE Band 13	D	QPSK BW = 10	1/0	23230	0	Left Touch	23.00	0.311	28.07	28.07
							0	Left Tilt	23.00	0.196	30.08	
							0	Right Touch	23.00	0.025	39.02	
							0	Right Tilt	23.00	0.022	39.58	

Notes:

1. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
2. Measured Output power refer to Sec.9 in SAR part.1 report.
3. Some bands were determined more conservative P_{limit} instead of calculation P_{limit}.

Head exposure (DSI = 2, 3)

RF Exposure Conditions	DSI	band	Antenna	mode	RB	Ch.	Test distance (mm)	Test position	Output power (dbm)	meas SAR 1g (W/kg)	P_{limit} (dBm)	Minimum P_{limit} (dBm)
Head	3	LTE Band 25(2)	B	QPSK BW = 20	1/0	26140	0	Left Touch	24.34	0.149	32.61	32.61
							0	Left Tilt	24.34	0.051	37.30	
							0	Right Touch	24.34	0.130	33.20	
							0	Right Tilt	24.34	0.098	34.44	
Head	3	LTE Band 25(2)	E	QPSK BW = 20	1/49	26365	0	Left Touch	22.32	0.473	25.57	23.96
							0	Left Tilt	22.32	0.685	23.96	
							0	Right Touch	22.32	0.548	24.93	
							0	Right Tilt	22.32	0.677	24.01	
Head	3	LTE Band 26	A	QPSK BW = 15	1/0	26865	0	Left Touch	24.17	0.135	32.87	32.29
							0	Left Tilt	24.17	0.099	34.21	
							0	Right Touch	24.17	0.154	32.29	
							0	Right Tilt	24.17	0.106	33.92	
			A+B	QPSK BW = 15	1/0	26865	0	Left Touch	24.17	0.132	32.96	
							0	Left Tilt	24.17	0.097	34.30	
							0	Right Touch	24.17	0.154	32.29	
							0	Right Tilt	24.17	0.100	34.17	
Head	3	LTE Band 26	D	QPSK BW = 15	1/0	26865	0	Left Touch	24.17	0.127	33.13	33.13
							0	Left Tilt	24.17	0.098	34.26	
							0	Right Touch	24.17	0.074	35.48	
							0	Right Tilt	24.17	0.069	35.78	
Head	3	LTE Band 66(4)	B	QPSK BW = 20	1/49	132072	0	Left Touch	23.79	0.117	33.11	33.11
							0	Left Tilt	23.79	0.056	36.30	
							0	Right Touch	23.79	0.078	34.86	
							0	Right Tilt	23.79	0.077	34.90	
Head	3	LTE Band 66(4)	E	QPSK BW = 20	50/0	132072	0	Left Touch	21.44	0.346	26.05	25.21
							0	Left Tilt	21.44	0.420	25.21	
							0	Right Touch	21.44	0.271	27.11	
							0	Right Tilt	21.44	0.409	25.32	
Head	3	LTE Band 41 PC3	B	QPSK BW = 20	1/0	39750	0	Left Touch	22.48	0.051	35.40	32.03
							0	Left Tilt	22.48	0.037	36.80	
							0	Right Touch	22.48	0.111	32.03	
							0	Right Tilt	22.48	0.019	39.69	
Head	3	LTE Band 41 PC3	E	QPSK BW = 20	1/49	39750	0	Left Touch	22.65	0.308	27.76	26.31
							0	Left Tilt	22.65	0.431	26.31	
							0	Right Touch	22.65	0.255	28.58	
							0	Right Tilt	22.65	0.362	27.06	
Head	3	LTE Band 41 PC2	B	QPSK BW = 20	1/0	39750	0	Left Touch	22.34	0.032	37.29	37.29
Head	3	LTE Band 41 PC2	E	QPSK BW = 20	1/49	39750	0	Left Tilt	22.24	0.417	26.04	26.04
Head	3	NR Band n5	A	DFT-s OFDM QPSK BW= 20	50/28	167300	0	Left Touch	23.88	0.131	32.71	31.92
							0	Left Tilt	23.88	0.097	34.01	
							0	Right Touch	23.88	0.147	32.21	
							0	Right Tilt	23.88	0.096	34.06	
			A+B	DFT-s OFDM QPSK BW= 20	50/28	167300	0	Left Touch	23.88	0.140	32.42	
							0	Left Tilt	23.88	0.107	33.59	
							0	Right Touch	23.88	0.157	31.92	
							0	Right Tilt	23.88	0.096	34.06	
Head	3	NR Band n5	D	DFT-s OFDM QPSK BW= 20	50/28	167300	0	Left Touch	23.58	0.129	32.47	32.47
							0	Left Tilt	23.58	0.099	33.62	
							0	Right Touch	23.58	0.062	35.66	
							0	Right Tilt	23.58	0.056	36.10	
Head	3	NR Band n25(2)	B	DFT-s OFDM QPSK BW=40	1/1	376500	0	Left Touch	23.06	0.094	33.33	32.57
							0	Left Tilt	23.06	0.081	33.98	
							0	Right Touch	23.06	0.112	32.57	
							0	Right Tilt	23.06	0.087	33.66	
Head	3	NR Band n25(2)	E	DFT-s OFDM QPSK BW=40	1/1	376500	0	Left Touch	22.43	0.421	26.19	23.94
							0	Left Tilt	22.43	0.535	25.15	
							0	Right Touch	22.43	0.499	25.45	
							0	Right Tilt	22.43	0.706	23.94	
Head	3	NR Band n66	B	DFT-s OFDM QPSK BW=40	1/1	349000	0	Left Touch	23.97	0.110	33.56	33.56
							0	Left Tilt	23.97	0.088	34.53	
							0	Right Touch	23.97	0.100	33.97	
							0	Right Tilt	23.97	0.101	33.93	
Head	3	NR Band n66	E	DFT-s OFDM QPSK BW=40	108/54	349000	0	Left Touch	21.36	0.305	26.52	24.15
							0	Left Tilt	21.36	0.477	24.57	
							0	Right Touch	21.36	0.334	26.12	
							0	Right Tilt	21.36	0.526	24.15	
Head	3	NR Band n41 -main- (Switching SRS1)	E	DFT-s OFDM QPSK BW=100	135/0	518598	0	Left Touch	22.15	0.470	25.43	23.77
							0	Left Tilt	22.15	0.688	23.77	
							0	Right Touch	22.15	0.432	25.80	
							0	Right Tilt	22.15	0.531	24.90	

Notes:

1. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
2. Measured Output power refer to Sec.9 in SAR part.1 report.
3. Some bands were determined more conservative P_{limit} instead of calculation P_{limit}.

Head exposure (DSI = 2, 3)

RF Exposure Conditions	DSI	band	Antenna	mode	RB	Ch.	Test distance (mm)	Test position	Output power (dbm)	meas SAR 1g (W/kg)	Plimit (dBm)	Minimum Plimit (dBm)
Head	3	NR Band n41 -SRS2- (Switching SRS3)	G	CW		518598	0	Left Touch	12.39	0.000	52.39	52.39
							0	Left Tilt	12.39	0.000	52.39	
							0	Right Touch	12.39	0.000	52.39	
							0	Right Tilt	12.39	0.000	52.39	
Head	3	NR Band n41 switching -Main- (non switching SRS1)	B	DFT-s OFDM QPSK BW=100	1/1	518598	0	Left Touch	24.43	0.060	36.65	36.65
							0	Left Tilt	24.43	0.034	39.12	
							0	Right Touch	24.43	0.052	37.27	
							0	Right Tilt	24.43	0.040	38.41	
Head	3	NR Band n41 switching -SRS2- (non switching SRS3)	C	CW		518598	0	Left Touch	12.54	0.029	27.92	27.92
							0	Left Tilt	12.54	0.016	30.50	
							0	Right Touch	12.54	0.007	34.09	
							0	Right Tilt	12.54	0.016	30.50	
Head	3	NR Band n77 -Main-	E	DFT-s OFDM QPSK BW=100	1/1	662000	0	Left Touch	18.87	0.329	23.70	20.13
							0	Left Tilt	18.87	0.430	22.54	
							0	Right Touch	18.87	0.611	21.01	
							0	Right Tilt	18.87	0.749	20.13	
Head	3	NR Band n77 -SRS1-	C	CW		650000	0	Left Touch	14.69	0.002	41.68	41.68
							0	Left Tilt	14.69	0.000	54.69	
							0	Right Touch	14.69	0.000	54.69	
							0	Right Tilt	14.69	0.000	54.69	
Head	3	NR Band n77 -SRS2-	F	CW		633334	0	Left Touch	14.61	0.150	22.85	21.75
							0	Left Tilt	14.61	0.193	21.75	
							0	Right Touch	14.61	0.128	23.54	
							0	Right Tilt	14.61	0.165	22.44	
Head	3	NR Band n77 -SRS3-	A	CW		650000	0	Left Touch	14.41	0.000	54.41	38.39
							0	Left Tilt	14.41	0.004	38.39	
							0	Right Touch	14.41	0.000	54.41	
							0	Right Tilt	14.41	0.000	54.41	
Head	3	DTS SISO Ant. 1	G	802.11b 1Mbps		1	0	Left Touch	17.52	0.116	26.88	26.88
Head	3	DTS SISO Ant. 2	F	802.11b 1Mbps		1	0	Right Tilt	16.93	0.306	22.07	22.07
Head	3	DTS MIMO	G+F	802.11b 1Mbps		1	0	Left Tilt	16.82	0.252	22.81	22.81
Head	3	UNII-2A SISO Ant. 1	G	802.11n (HT40)		54	0	Left Touch	16.91	0.552	19.49	19.49
Head	3	UNII-2A SISO Ant. 2	D	802.11n (HT40)		54	0	Left Touch	17.68	0.190	24.89	24.89
Head	3	UNII-2A MIMO	G+D	802.11n (HT40)		54	0	Left touch	17.10	0.634	19.08	19.08
Head	3	UNII-2C SISO Ant. 1	G	802.11ac (VHT80)		122	0	Right Touch	17.41	0.234	23.72	23.72
Head	3	UNII-2C SISO Ant. 2	D	802.11ac (VHT80)		122	0	Right tilt	17.73	0.265	23.50	23.50
Head	3	UNII-2C MIMO	G+D	802.11ac (VHT80)		122	0	Right Touch	17.33	0.232	23.68	23.68
Head	3	UNII-3 SISO Ant. 1	G	802.11ac (VHT80)		155	0	Right Touch	17.36	0.446	20.87	20.87
Head	3	UNII-3 SISO Ant. 2	D	802.11ac (VHT80)		155	0	Left Tilt	17.77	0.256	23.69	23.69
Head	3	UNII-3 MIMO	G+D	802.11ac (VHT80)		155	0	Right Touch	17.27	0.482	20.44	20.44
Head	3	UNII-4 SISO Ant. 1	G	802.11ac (VHT80)		171	0	Left Touch	17.41	0.281	22.92	22.92
Head	3	UNII-4 SISO Ant. 2	D	802.11ac (VHT80)		171	0	Left Tilt	17.52	0.294	22.84	22.84
Head	3	UNII-4 MIMO	G+D	802.11ac (VHT80)		171	0	Left Tilt	17.39	0.382	21.57	21.57
Head	3	WiFi 6E SISO Ant. 1	G	802.11ax (HE160)		15	0	Left Touch	12.82	0.112	22.33	22.33
Head	3	WiFi 6E SISO Ant. 2	D	802.11ax (HE160)		111	0	Left Tilt	12.98	0.133	21.74	21.74
Head	3	WiFi 6E MIMO	G+D	802.11ax (HE160)		79	0	Left Tilt	12.83	0.233	19.16	19.16
Head	3	Bluetooth Ant. 1	G	LE 1M 255pkt		0	0	Left Touch	18.88	0.108	28.55	28.55
							0	Left Tilt	18.88	0.029	34.26	
							0	Right Touch	18.88	0.074	30.19	
							0	Right Tilt	18.88	0.014	37.42	
Head	3	Bluetooth Ant. 2	F	LE 1M 255pkt		19	0	Left Touch	18.93	0.198	25.96	25.00
							0	Left Tilt	18.93	0.246	25.02	
							0	Right Touch	18.93	0.169	26.65	
							0	Right Tilt	18.93	0.247	25.00	
Head	3	Bluetooth MIMO	G+F	GFSK DH5		39	0	Left Touch	14.73	0.053	27.49	25.17
							0	Left Tilt	14.90	0.082	25.76	
							0	Right Touch	14.90	0.051	27.82	
							0	Right Tilt	14.90	0.094	25.17	

Notes:

1. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
2. Measured Output power refer to Sec.9 in SAR part.1 report.
3. Some bands were determined more conservative P_{limit} instead of calculation P_{limit}.

Body-worn & Hotspot exposure (DSI = 1)

RF Exposure Conditions	DSI	band	Antenna	mode	RB	Ch.	Test distance (mm)	Test position	Output power (dbm)	meas SAR 1g (W/kg)	Plimit (dBm)	Minimum Plimit (dBm)
Bodyworn & Hotspot	1	GSM 850	A	GPRS 2 Slots		190	10	Rear	24.67	0.226	31.13	29.46
							10	Front	24.67	0.063	36.68	
							10	Bottom	24.67	0.064	36.61	
							10	Right	24.67	0.162	32.57	
			A+B	GPRS 2 Slots		190	10	Rear	24.67	0.300	29.90	
							10	Front	24.67	0.086	35.32	
							10	Left	24.67	0.140	33.21	
							10	Bottom	24.67	0.133	33.43	
							10	Right	24.67	0.332	29.46	
Bodyworn & Hotspot	1	GSM 850	D	GPRS 2 Slots		128	10	Rear	25.11	0.105	34.90	32.01
							10	Front	25.11	0.064	37.05	
							10	Top	25.11	0.071	36.60	
							10	Right	25.11	0.204	32.01	
Bodyworn & Hotspot	1	GSM 1900	B	GPRS 4 Slots		661	10	Rear	18.47	0.527	21.25	19.47
							10	Front	18.47	0.159	26.46	
							10	Left	18.47	0.084	29.22	
							10	Bottom	18.47	0.795	19.47	
							10	Right	18.47	0.189	25.71	
Bodyworn & Hotspot	1	WCDMA 2	B	Rel 99		9400	10	Rear	19.32	0.662	21.11	19.27
							10	Front	19.32	0.193	26.46	
							10	Left	19.32	0.106	29.07	
						9538	10	Bottom	19.24	0.994	19.27	
						9400	10	Right	19.32	0.232	25.67	
Bodyworn & Hotspot	1	WCDMA 4	B	Rel 99		1413	10	Rear	19.34	0.598	21.57	20.09
							10	Front	19.34	0.187	26.62	
							10	Left	19.34	0.067	31.09	
						1513	10	Bottom	19.22	0.818	20.09	
						1413	10	Right	19.34	0.143	27.79	
Bodyworn & Hotspot	1	WCDMA 5	A	Rel 99		4183	10	Rear	24.55	0.446	28.06	28.06
							10	Front	24.55	0.193	31.69	
							10	Bottom	24.55	0.129	33.44	
							10	Right	24.55	0.407	28.45	
			A+B	Rel 99		4183	10	Rear	24.55	0.116	33.91	
							10	Front	24.55	0.083	35.36	
							10	Left	24.55	0.034	39.24	
							10	Bottom	24.55	0.137	33.18	
							10	Right	24.55	0.341	29.22	
Bodyworn & Hotspot	1	WCDMA 5	D	Rel 99		4183	10	Rear	24.13	0.236	33.72	27.90
							10	Front	24.13	0.110	32.96	
							10	Top	24.13	0.131	30.99	
							10	Right	24.13	0.206	27.90	
Bodyworn & Hotspot	1	LTE Band 5	A	QPSK BW = 10	1/25	20525	10	Rear	24.22	0.429	32.92	27.79
							10	Front	24.22	0.135	33.15	
							10	Bottom	24.22	0.128	33.15	
							10	Right	24.22	0.321	29.15	
			A+B	QPSK BW = 10	1/25	20525	10	Rear	24.22	0.440	27.79	
							10	Front	24.22	0.173	31.84	
							10	Left	24.22	0.156	32.29	
							10	Bottom	24.22	0.192	31.39	
							10	Right	24.22	0.287	29.64	
Bodyworn & Hotspot	1	LTE Band 5	D	QPSK BW = 10	1/25	20525	10	Rear	24.20	0.100	34.20	31.10
							10	Front	24.20	0.070	35.75	
							10	Top	24.20	0.125	33.23	
							10	Right	24.20	0.204	31.10	
Bodyworn & Hotspot	1	LTE Band 12	A	QPSK BW = 10	1/49	23095	10	Rear	24.70	0.280	30.23	29.69
							10	Front	24.70	0.161	32.63	
							10	Bottom	24.70	0.099	34.74	
							10	Right	24.70	0.317	29.69	
			A+B	QPSK BW = 10	1/49	23095	10	Rear	24.70	0.286	30.14	
							10	Front	24.70	0.164	32.55	
							10	Left	24.70	0.158	32.71	
							10	Bottom	24.70	0.144	33.12	
							10	Right	24.70	0.313	29.74	
Bodyworn & Hotspot	1	LTE Band 12	D	QPSK BW = 10	1/25	23095	10	Rear	24.65	0.219	31.25	30.88
							10	Front	24.65	0.080	35.62	
							10	Top	24.65	0.119	33.89	
							10	Right	24.65	0.238	30.88	

Notes:

1. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
2. Measured Output power refer to Sec.9 in SAR part.1 report.
3. Some bands were determined more conservative P_{limit} instead of calculation P_{limit}.

Body-worn & Hotspot exposure (DSI = 1)

RF Exposure Conditions	DSI	band	Antenna	mode	RB	Ch.	Test distance (mm)	Test position	Output power (dbm)	meas SAR 1g (W/kg)	Plimit (dBm)	Minimum Plimit (dBm)
Bodyworn & Hotspot	1	LTE Band 13	A	QPSK BW = 10	1/25	23230	10	Rear	23.32	0.249	29.36	29.34
							10	Front	23.32	0.119	32.56	
							10	Bottom	23.32	0.089	33.83	
							10	Right	23.32	0.211	30.08	
			A+B	QPSK BW = 10	1/25	23230	10	Rear	23.32	0.250	29.34	
							10	Front	23.32	0.124	32.39	
							10	Left	23.32	0.140	31.86	
							10	Bottom	23.32	0.125	32.35	
							10	Right	23.32	0.235	29.61	
Bodyworn & Hotspot	1	LTE Band 13	D	QPSK BW = 10	1/0	23230	10	Rear	23.00	0.100	33.00	33.00
							10	Front	23.00	0.029	38.38	
							10	Top	23.00	0.043	36.67	
							10	Right	23.00	0.091	33.41	
Bodyworn & Hotspot	1	LTE Band 25(2)	B	QPSK BW = 20	50/24	26140	10	Rear	18.91	0.582	21.26	19.29
							10	Front	18.91	0.158	26.92	
							10	Left	18.91	0.084	29.68	
						26590	10	Bottom	18.84	0.902	19.29	
						26140	10	Right	18.91	0.169	26.63	
Bodyworn & Hotspot	1	LTE Band 25(2)	E	QPSK BW = 20	1/49	26365	10	Rear	19.63	0.349	24.20	22.77
							10	Front	19.63	0.100	29.63	
							10	Top	19.63	0.485	22.77	
							10	Left	19.63	0.068	31.30	
Bodyworn & Hotspot	1	LTE Band 26	A	QPSK BW = 15	1/0	26865	10	Rear	24.17	0.383	28.34	28.34
							10	Front	24.17	0.161	32.10	
							10	Bottom	24.17	0.129	33.06	
							10	Right	24.17	0.316	29.17	
			A+B	QPSK BW = 15	1/0	26865	10	Rear	24.17	0.337	28.89	
							10	Front	24.17	0.156	32.24	
							10	Left	24.17	0.167	31.94	
							10	Bottom	24.17	0.178	31.67	
							10	Right	24.17	0.307	29.30	
Bodyworn & Hotspot	1	LTE Band 26	D	QPSK BW = 15	1/0	26865	10	Rear	24.17	0.219	30.77	30.77
							10	Front	24.17	0.079	35.19	
							10	Top	24.17	0.110	33.76	
							10	Right	24.17	0.176	31.71	
Bodyworn & Hotspot	1	LTE Band 66(4)	B	QPSK BW = 20	1/49	132072	10	Rear	19.15	0.579	21.52	19.80
							10	Front	19.15	0.133	27.91	
							10	Left	19.15	0.072	30.58	
						132572	10	Bottom	19.02	0.836	19.80	
						132072	10	Right	19.15	0.118	28.43	
Bodyworn & Hotspot	1	LTE Band 66(4)	E	QPSK BW = 20	50/0	132072	10	Rear	19.92	0.395	23.95	23.27
							10	Front	19.92	0.089	30.43	
							10	Top	19.92	0.462	23.27	
							10	Left	19.92	0.069	31.53	
Bodyworn & Hotspot	1	LTE Band 41 PC3	B	QPSK BW = 20	1/0	41055	10	Rear	18.37	0.784	19.43	18.24
						39750	10	Front	18.68	0.111	28.23	
							10	Left	18.68	0.055	31.28	
						41055	10	Bottom	18.37	1.030	18.24	
						39750	10	Right	18.68	0.075	29.93	
Bodyworn & Hotspot	1	LTE Band 41 PC3	E	QPSK BW = 20	1/49	39750	10	Rear	18.91	0.236	25.18	23.43
							10	Front	18.91	0.077	30.05	
							10	Top	18.91	0.353	23.43	
							10	Left	18.91	0.060	31.14	
Bodyworn & Hotspot	1	LTE Band 41 PC2	B	QPSK BW = 20	50/0	41055	10	Bottom	18.42	0.813	19.32	19.32
Bodyworn & Hotspot	1	LTE Band 41 PC2	E	QPSK BW = 20	1/49	39750	10	Top	18.33	0.320	23.28	23.28
Bodyworn & Hotspot	1	NR Band n5	A	DFT-s OFDM QPSK BW= 20	50/28	167300	10	Rear	23.88	0.385	28.03	28.03
							10	Front	23.88	0.150	32.12	
							10	Bottom	23.88	0.122	33.02	
							10	Right	23.88	0.254	29.83	
			A+B	DFT-s OFDM QPSK BW= 20	1/52	167300	10	Rear	24.11	0.314	29.14	
							10	Front	24.11	0.150	32.35	
							10	Left	24.11	0.138	32.71	
							10	Bottom	24.11	0.121	33.28	
							10	Right	24.11	0.269	29.81	
Bodyworn & Hotspot	1	NR Band n5	D	DFT-s OFDM QPSK BW= 20	50/28	167300	10	Rear	23.58	0.198	30.61	30.61
							10	Front	23.58	0.061	35.73	
							10	Top	23.58	0.102	33.49	
							10	Right	23.58	0.154	31.70	

Notes:

1. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
2. Measured Output power refer to Sec.9 in SAR part.1 report.
3. Some bands were determined more conservative P_{limit} instead of calculation P_{limit}.

Body-worn & Hotspot exposure (DSI = 1)

RF Exposure Conditions	DSI	band	Antenna	mode	RB	Ch.	Test distance (mm)	Test position	Output power (dbm)	meas SAR 1g (W/kg)	Plimit (dBm)	Minimum Plimit (dBm)
Bodyworn & Hotspot	1	NR Band n25(2)	B	DFT-s OFDM QPSK BW=40	1/1	376500	10	Rear	19.23	0.534	21.95	20.42
							10	Front	19.23	0.160	27.19	
							10	Left	19.23	0.074	30.54	
							10	Bottom	19.23	0.760	20.42	
							10	Right	19.23	0.176	26.77	
Bodyworn & Hotspot	1	NR Band n25(2)	E	DFT-s OFDM QPSK BW=40	1/1	376500	10	Rear	19.87	0.285	25.32	23.41
							10	Front	19.87	0.085	30.58	
							10	Top	19.87	0.443	23.41	
							10	Left	19.87	0.066	31.67	
Bodyworn & Hotspot	1	NR Band n66	B	DFT-s OFDM QPSK BW=40	1/1	349000	10	Rear	19.50	0.500	22.51	21.21
							10	Front	19.50	0.158	27.51	
							10	Left	19.50	0.065	31.37	
							10	Bottom	19.50	0.675	21.21	
							10	Right	19.50	0.065	31.37	
Bodyworn & Hotspot	1	NR Band n66	E	DFT-s OFDM QPSK BW=40	108/54	349000	10	Rear	19.71	0.415	23.53	23.04
							10	Front	19.71	0.121	28.88	
							10	Top	19.71	0.464	23.04	
							10	Left	19.71	0.074	31.02	
Bodyworn & Hotspot	1	NR Band n41 -main- (Switching SRS1)	E	DFT-s OFDM QPSK BW=100	135/0	518598	10	Rear	19.13	0.415	22.95	22.47
							10	Front	19.13	0.107	28.84	
							10	Top	19.13	0.463	22.47	
							10	Left	19.13	0.083	29.94	
Bodyworn & Hotspot	1	NR Band n41 -SRS2- (Switching SRS3)	G	CW		518598	10	Rear	12.39	0.047	25.67	25.67
							10	Front	12.39	0.000	52.39	
							10	Right	12.39	0.014	30.93	
Bodyworn & Hotspot	1	NR Band n41 switching -Main- (non switching SRS1)	B	DFT-s OFDM QPSK BW=100	135/69	518598	10	Rear	18.29	0.674	20.00	18.49
							10	Front	18.29	0.113	27.76	
							10	Left	18.29	0.069	29.90	
							10	Bottom	18.29	0.956	18.49	
							10	Right	18.29	0.075	29.54	
Bodyworn & Hotspot	1	NR Band n41 switching -SRS2- (non switching SRS3)	C	CW		518598	10	Rear	12.54	0.093	22.86	22.86
							10	Front	12.54	0.000	52.54	
							10	Left	12.54	0.000	52.54	
							10	Bottom	12.54	0.000	52.54	
Bodyworn & Hotspot	1	NR Band n77 -SRS0-	E	DFT-s OFDM QPSK BW=100	1/1	662000	10	Rear	18.39	0.417	22.19	21.21
							10	Front	18.39	0.113	27.86	
							10	Top	18.39	0.522	21.21	
							10	Left	18.39	0.094	28.66	
Bodyworn & Hotspot	1	NR Band n77 -SRS1-	C	CW		650000	10	Rear	14.69	0.050	27.70	26.56
							10	Front	14.69	0.016	32.65	
							10	Left	14.69	0.000	54.69	
							10	Bottom	14.69	0.065	26.56	
Bodyworn & Hotspot	1	NR Band n77 -SRS2-	F	CW		662000	10	Rear	14.75	0.213	21.47	21.47
							10	Front	14.75	0.012	33.96	
							10	Top	14.75	0.177	22.27	
							10	Left	14.75	0.000	54.75	
							10	Right	14.75	0.021	31.53	
Bodyworn & Hotspot	1	NR Band n77 -SRS3-	A	CW		650000	10	Rear	14.41	0.030	29.64	29.64
							10	Front	14.41	0.000	54.41	
							10	Bottom	14.41	0.025	30.43	
							10	Right	14.41	0.000	54.41	
Bodyworn & Hotspot	1	DTS SISO Ant. 1	G	802.11b 1Mbps		1	10	Rear	17.52	0.164	25.37	25.37
Bodyworn & Hotspot	1	DTS SISO Ant. 2	F	802.11b 1Mbps		1	10	Top	16.93	0.407	20.83	20.83
Bodyworn & Hotspot	1	DTS MIMO	G+F	802.11b 1Mbps		1	10	Rear	16.82	0.353	21.34	21.34
Bodyworn & Hotspot	1	UNII-2A SISO Ant. 1	G	802.11n (HT40)		54	10	Rear	16.91	0.076	28.10	28.10
Bodyworn & Hotspot	1	UNII-2A SISO Ant. 2	D	802.11n (HT40)		54	10	Rear	17.68	0.174	25.27	25.27
Bodyworn & Hotspot	1	UNII-2A MIMO	G+D	802.11n (HT40)		54	10	Rear	17.70	0.250	23.72	23.72
Bodyworn & Hotspot	1	UNII-2C SISO Ant. 1	G	802.11ac (VHT80)		122	10	Rear	17.41	0.210	24.19	24.19
Bodyworn & Hotspot	1	UNII-2C SISO Ant. 2	D	802.11ac (VHT80)		122	10	Rear	17.73	0.201	24.70	24.70
Bodyworn & Hotspot	1	UNII-2C MIMO	G+D	802.11ac (VHT80)		122	10	Rear	17.61	0.389	21.71	21.71

Notes:

1. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
2. Measured Output power refer to Sec.9 in SAR part.1 report.
3. Some bands were determined more conservative P_{limit} instead of calculation P_{limit}.

Body-worn & Hotspot exposure (DSI = 1)

RF Exposure Conditions	DSI	band	Antenna	mode	RB	Ch.	Test distance (mm)	Test position	Output power (dbm)	meas SAR 1g (W/kg)	Plimit (dBm)	Minimum Plimit (dBm)
Bodyworn & Hotspot	1	UNII-3 SISO Ant. 1	G	802.11ac (VHT80)		155	10	Right	17.36	0.324	22.25	22.25
Bodyworn & Hotspot	1	UNII-3 SISO Ant. 2	D	802.11ac (VHT80)		155	10	Rear	17.77	0.211	24.53	24.53
Bodyworn & Hotspot	1	UNII-3 MIMO	G+D	802.11ac (VHT80)		155	10	Right	17.27	0.449	20.75	20.75
Bodyworn & Hotspot	1	UNII-4 SISO Ant. 1	G	802.11ac (VHT80)		171	10	Rear	17.41	0.123	26.51	26.51
Bodyworn & Hotspot	1	UNII-4 SISO Ant. 2	D	802.11ac (VHT80)		171	10	Rear	17.52	0.184	24.87	24.87
Bodyworn & Hotspot	1	UNII-4 MIMO	G+D	802.11ac (VHT80)		171	10	Rear	17.39	0.174	24.98	24.98
Bodyworn & Hotspot	1	WiFi 6E SISO Ant. 1	G	802.11ax (HE160)		143	10	Rear	12.31	0.090	22.77	22.77
Bodyworn & Hotspot	1	WiFi 6E SISO Ant. 2	D	802.11ax (HE160)		143	10	Rear	12.84	0.194	19.96	19.96
Bodyworn & Hotspot	1	WiFi 6E MIMO	G+D	802.11ax (HE160)		111	10	Rear	12.97	0.289	18.36	18.36
Bodyworn & Hotspot	1	Bluetooth Ant. 1	G	LE 1M 255pkt		0	10	Rear	18.88	0.113	28.35	28.35
							10	Front	18.88	0.016	36.84	
							10	Right	18.88	0.094	29.15	
Bodyworn & Hotspot	1	Bluetooth Ant. 2	F	LE 1M 255pkt		19	10	Rear	18.93	0.309	24.03	23.86
							10	Front	18.93	0.066	30.73	
							10	Top	18.93	0.321	23.86	
							10	Left	18.93	0.018	36.37	
							10	Right	18.93	0.050	31.94	
Bodyworn & Hotspot	1	Bluetooth MIMO	G+F	GFSK DH5		39	10	Rear	14.90	0.100	24.90	24.22
							10	Front	14.90	0.058	27.26	
							10	Top	14.90	0.117	24.22	
							10	Left	14.90	0.015	33.14	
							10	Right	14.73	0.045	28.20	

Notes:

1. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
2. Measured Output power refer to Sec.9 in SAR part.1 report.
3. Some bands were determined more conservative P_{limit} instead of calculation P_{limit}.

Product Specific 10-g exposure (DSI = 1)

RF Exposure Conditions	DSI	band	Antenna	mode	RB	Ch.	Test distance (mm)	Test position	Output power (dbm)	meas SAR 10g (W/kg)	Plimit (dBm)	Minimum Plimit (dBm)
Product Specific-10g	1	GSM 850	A	GPRS 2 Slots		190	0	Rear	24.67	0.880	29.20	27.79
							0	Right	24.67	1.220	27.79	
			A+B	GPRS 2 Slots		190	0	Bottom	24.67	0.879	29.21	
							0	Right	24.67	0.758	29.85	
Product Specific-10g	1	GSM 850	D	GPRS 2 Slots		128	0	Top	25.11	0.502	32.08	29.13
							0	Right	25.11	0.991	29.13	
Product Specific-10g	1	GSM 1900	B	GPRS 4 Slots		661	0	Rear	18.47	0.930	22.76	21.66
							0	Bottom	18.47	1.200	21.66	
Product Specific-10g	1	WCDMA 2	B	Rel 99		9400	0	Rear	19.32	1.210	22.47	19.88
							0	Bottom	19.32	2.200	19.88	
Product Specific-10g	1	WCDMA 4	B	Rel 99		1413	0	Rear	19.34	1.910	20.51	19.72
							0	Bottom	19.34	2.290	19.72	
Product Specific-10g	1	WCDMA 5	A	Rel 99		4183	0	Rear	24.55	1.590	26.52	25.63
							0	Right	24.55	1.950	25.63	
			A+B	Rel 99		4183	0	Rear	24.55	1.670	26.30	
							0	Front	24.55	0.234	34.84	
							0	Left	24.55	0.033	43.34	
							0	Bottom	24.55	1.230	27.63	
							0	Right	24.55	1.780	26.03	
Product Specific-10g	1	WCDMA 5	D	Rel 99		4183	0	Top	24.13	1.040	27.94	27.86
							0	Right	24.13	1.060	27.86	
Product Specific-10g	1	LTE Band 5	A	QPSK BW = 10	1/25	20525	0	Rear	24.22	1.360	26.86	25.55
							0	Front	24.22	0.242	34.36	
							0	Bottom	24.22	1.170	27.52	
							0	Right	24.22	1.810	25.62	
			A+B	QPSK BW = 10	1/25	20525	0	Bottom	24.22	1.290	27.09	
							0	Right	24.22	1.840	25.55	
Product Specific-10g	1	LTE Band 5	D	QPSK BW = 10	1/25	20525	0	Rear	24.20	0.346	32.79	28.89
							0	Front	24.20	0.096	38.36	
							0	Top	24.20	0.850	28.89	
							0	Right	24.20	0.593	30.45	
Product Specific-10g	1	LTE Band 12	A	QPSK BW = 10	1/49	23095	0	Rear	24.70	1.300	27.54	26.86
							0	Front	24.70	0.312	33.74	
							0	Bottom	24.70	1.170	28.00	
							0	Right	24.70	1.430	27.13	
			A+B	QPSK BW = 10	1/49	23095	0	Rear	24.70	0.309	33.78	
							0	Front	24.70	0.083	39.49	
							0	Left	24.70	0.017	46.37	
							0	Bottom	24.70	1.410	27.19	
							0	Right	24.70	1.520	26.86	
Product Specific-10g	1	LTE Band 12	D	QPSK BW = 10	1/25	23095	0	Rear	24.65	0.442	32.18	27.91
							0	Front	24.65	0.204	35.53	
							0	Top	24.65	0.755	29.85	
							0	Right	24.65	1.180	27.91	
Product Specific-10g	1	LTE Band 13	A	QPSK BW = 10	1/25	23230	0	Rear	23.32	0.769	28.44	26.30
							0	Right	23.32	1.010	27.26	
			A+B	QPSK BW = 10	1/25	23230	0	Bottom	23.32	0.736	28.63	
							0	Right	23.32	1.260	26.30	
Product Specific-10g	1	LTE Band 13	D	QPSK BW = 10	1/0	23230	0	Rear	23.00	0.211	33.74	28.18
							0	Right	23.00	0.758	28.18	
Product Specific-10g	1	LTE Band 25(2)	B	QPSK BW = 20	1/0	26140	0	Rear	18.84	0.995	22.84	19.96
							0	Front	18.84	0.422	26.57	
							0	Left	18.84	0.130	31.68	
							0	Bottom	18.84	1.930	19.96	
							0	Right	18.84	0.399	26.81	
Product Specific-10g	1	LTE Band 25(2)	E	QPSK BW = 20	50/24	26365	0	Rear	19.71	0.584	26.03	22.29
							0	Front	19.71	0.273	29.33	
							0	Top	19.71	1.380	22.29	
							0	Left	19.71	0.172	31.33	
Product Specific-10g	1	LTE Band 26	A	QPSK BW = 15	1/0	26865	0	Rear	24.17	1.310	26.98	25.62
							0	Front	24.17	0.228	34.57	
							0	Bottom	24.17	1.150	27.54	
							0	Right	24.17	1.790	25.62	
			A+B	QPSK BW = 15	1/0	26865	0	Rear	24.17	1.000	28.15	
							0	Front	24.17	0.219	34.74	
							0	Left	24.17	0.072	39.58	
							0	Bottom	24.17	1.210	27.32	
							0	Right	24.17	1.710	25.82	

Notes:

1. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
2. Measured Output power refer to Sec.9 in SAR part.1 report.
3. Some bands were determined more conservative P_{limit} instead of calculation P_{limit}.

Product Specific 10-g exposure (DSI = 1)

RF Exposure Conditions	DSI	band	Antenna	mode	RB	Ch.	Test distance (mm)	Test position	Output power (dbm)	meas SAR 10g (W/kg)	Plimit (dBm)	Minimum Plimit (dBm)
Product Specific-10g	1	LTE Band 26	D	QPSK BW = 15	1/0	26865	0	Top	24.17	0.992	28.18	28.18
							0	Right	24.17	0.925	28.49	
Product Specific-10g	1	LTE Band 66(4)	B	QPSK BW = 20	1/49	132072	0	Rear	19.15	1.660	20.93	19.91
							0	Front	19.15	0.440	26.69	
							0	Left	19.15	0.100	33.13	
							0	Bottom	19.15	2.100	19.91	
							0	Right	19.15	0.194	30.25	
Product Specific-10g	1	LTE Band 66(4)	E	QPSK BW = 20	50/0	132072	0	Rear	19.92	0.615	26.01	21.72
							0	Front	19.92	0.242	30.06	
							0	Top	19.92	1.650	21.72	
							0	Left	19.92	0.160	31.86	
Product Specific-10g	1	LTE Band 41 PC3	B	QPSK BW = 20	1/0	39750	0	Rear	18.68	0.998	22.67	18.23
					1/0	39750	0	Front	18.68	0.287	28.08	
					1/0	39750	0	Left	18.68	0.099	32.70	
					50/0	41055	0	Bottom	18.37	2.580	18.23	
					1/0	39750	0	Right	18.68	0.178	30.16	
Product Specific-10g	1	LTE Band 41 PC3	E	QPSK BW = 20	1/49	39750	0	Rear	18.91	0.433	26.52	20.29
							0	Top	18.91	1.820	20.29	
Product Specific-10g	1	LTE Band 41 PC2	B	QPSK BW = 20	50/0	41055	0	Bottom	18.42	2.710	18.07	18.07
Product Specific-10g	1	LTE Band 41 PC2	E	QPSK BW = 20	1/49	39750	0	Top	18.33	1.590	20.30	20.30
Product Specific-10g	1	NR Band n5	A	DFT-s OFDM QPSK BW= 20	1/52	167300	0	Rear	24.11	1.340	26.82	26.19
							0	Right	24.11	1.550	26.19	
			A+B	DFT-s OFDM QPSK BW= 20	1/52	167300	0	Bottom	24.11	0.950	28.31	
							0	Right	24.11	1.540	26.21	
Product Specific-10g	1	NR Band n5	D	DFT-s OFDM QPSK BW= 20	1/1	167300	0	Top	23.76	0.581	30.10	29.30
							0	Right	23.76	0.698	29.30	
Product Specific-10g	1	NR Band n25(2)	B	DFT-s OFDM QPSK BW=40	216/0	376500	0	Rear	19.13	1.670	20.88	20.16
							0	Bottom	19.13	1.970	20.16	
Product Specific-10g	1	NR Band n25(2)	E	DFT-s OFDM QPSK BW=40	1/1	376500	0	Rear	19.87	0.592	26.13	22.84
							0	Top	19.87	1.261	22.84	
Product Specific-10g	1	NR Band n66	B	DFT-s OFDM QPSK BW=40	1/1	349000	0	Rear	19.50	1.100	23.07	21.63
							0	Bottom	19.50	1.530	21.63	
Product Specific-10g	1	NR Band n66	E	DFT-s OFDM QPSK BW=40	1/1	349000	0	Rear	19.84	0.648	25.70	21.70
							0	Top	19.84	1.630	21.70	
Product Specific-10g	1	NR Band n41 -main- (Switching SRS1)	E	DFT-s OFDM QPSK BW=100	135/0	518598	0	Rear	19.13	0.574	25.52	21.87
							0	Front	19.13	0.196	30.19	
							0	Top	19.13	1.330	21.87	
							0	Left	19.13	0.163	30.99	
Product Specific-10g	1	NR Band n41 -SRS2- (Switching SRS3)	G	CW		518598	0	Rear	12.39	0.074	27.68	26.78
							0	Front	12.39	0.001	46.37	
							0	Right	12.39	0.091	26.78	
Product Specific-10g	1	NR Band n41 switching -Main- (non switching SRS1)	B	DFT-s OFDM QPSK BW=100	1/1	518598	0	Rear	18.46	2.390	18.66	18.44
							0	Front	18.46	0.360	26.88	
							0	Left	18.46	0.192	29.61	
							0	Bottom	18.46	2.510	18.44	
							0	Right	18.46	0.198	29.47	
Product Specific-10g	1	NR Band n41 switching PC2 -SRS3-	C	CW		518598	0	Rear	12.54	0.148	24.82	24.82
							0	Front	12.54	0.013	35.38	
							0	Left	12.54	0.000	56.52	
							0	Bottom	12.54	0.000	56.52	
Product Specific-10g	1	NR Band n77 -SRS0-	E	DFT-s OFDM QPSK BW=100	1/1	662000	0	Rear	18.39	0.560	24.89	19.47
							0	Front	18.39	0.313	27.41	
							0	Top	18.39	1.950	19.47	
							0	Left	18.39	0.239	28.59	
Product Specific-10g	1	NR Band n77 -SRS1-	C	CW		650000	0	Rear	14.69	0.447	22.17	21.75
							0	Front	14.69	0.035	33.23	
							0	Left	14.69	0.004	42.65	
							0	Bottom	14.69	0.492	21.75	
Product Specific-10g	1	NR Band n77 -SRS2-	F	CW		662000	0	Rear	14.75	0.313	23.77	20.17
							0	Front	14.75	0.032	33.68	
							0	Top	14.75	0.717	20.17	
							0	Left	14.75	0.000	58.73	
							0	Right	14.75	0.065	30.60	
Product Specific-10g	1	NR Band n77 -SRS3-	A	CW		650000	0	Rear	14.41	0.173	26.01	26.01
							0	Front	14.41	0.002	45.38	
							0	Bottom	14.41	0.124	27.46	
							0	Right	14.41	0.143	26.84	

Notes:

1. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
2. Measured Output power refer to Sec.9 in SAR part.1 report.
3. Some bands were determined more conservative P_{limit} instead of calculation P_{limit}.

Product Specific 10-g exposure (DSI = 1)

RF Exposure Conditions	DSI	band	Antenna	mode	RB	Ch.	Test distance (mm)	Test position	Output power (dbm)	meas SAR 10g (W/kg)	Plimit (dBm)	Minimum Plimit (dBm)
Product Specific-10g	1	DTS SISO Ant. 1	G	802.11b 1Mbps		1	0	Right	17.52	0.580	23.87	23.87
Product Specific-10g	1	DTS SISO Ant. 2	F	802.11b 1Mbps		1	0	Top	16.93	2.460	17.00	17.00
Product Specific-10g	1	DTS MIMO	G+F	802.11b 1Mbps		1	0	Top	16.82	2.540	16.75	16.75
Product Specific-10g	1	UNII-2A SISO Ant. 1	G	802.11n (HT40)		54	0	Right	16.91	0.996	20.91	20.91
Product Specific-10g	1	UNII-2A SISO Ant. 2	D	802.11n (HT40)		54	0	Top	17.68	0.627	23.69	23.69
Product Specific-10g	1	UNII-2A MIMO	G+D	802.11n (HT40)		54	0	Right	17.10	1.190	20.32	20.32
Product Specific-10g	1	UNII-2C SISO Ant. 1	G	802.11ac (VHT80)		122	0	Right	17.41	1.400	19.93	19.93
Product Specific-10g	1	UNII-2C SISO Ant. 2	D	802.11ac (VHT80)		122	0	Top	17.73	1.460	20.07	20.07
Product Specific-10g	1	UNII-2C MIMO	G+D	802.11ac (VHT80)		122	0	Top	17.61	1.630	19.47	19.47
Product Specific-10g	1	UNII-3 SISO Ant. 1	G	802.11ac (VHT80)		155	0	Right	17.36	1.260	20.34	20.34
Product Specific-10g	1	UNII-3 SISO Ant. 2	D	802.11ac (VHT80)		155	0	Top	17.77	1.100	21.34	21.34
Product Specific-10g	1	UNII-3 MIMO	G+D	802.11ac (VHT80)		155	0	Top	17.66	1.520	19.82	19.82
Product Specific-10g	1	UNII-4 SISO Ant. 1	G	802.11ac (VHT80)		171	0	Right	17.41	1.020	21.30	21.30
Product Specific-10g	1	UNII-4 SISO Ant. 2	D	802.11ac (VHT80)		171	0	Top	17.52	0.854	22.18	22.18
Product Specific-10g	1	UNII-4 MIMO	G+D	802.11ac (VHT80)		171	0	Right	17.27	1.010	21.21	21.21
Product Specific-10g	1	WiFi 6E SISO Ant. 1	G	802.11ax (HE160)		15	0	Right	12.82	0.272	22.45	22.45
Product Specific-10g	1	WiFi 6E SISO Ant. 2	D	802.11ax (HE160)		207	0	Top	12.67	0.420	20.42	20.42
Product Specific-10g	1	WiFi 6E MIMO	G+D	802.11ax (HE160)		79	0	Right	12.88	0.371	21.17	21.17
Product Specific-10g	1	Bluetooth Ant. 1	G	LE 1M 255pkt		0	0	Rear	18.88	0.284	28.33	26.00
							0	Front	18.88	0.084	33.62	
							0	Right	18.88	0.486	26.00	
Product Specific-10g	1	Bluetooth Ant. 2	F	LE 1M 255pkt		19	0	Rear	18.93	0.541	25.57	20.21
							0	Front	18.93	0.121	32.08	
							0	Top	18.93	1.860	20.21	
							0	Left	18.93	0.037	37.22	
							0	Right	18.93	0.082	33.77	
Product Specific-10g	1	Bluetooth MIMO	G+F	GFSK DH5		39	0	Rear	14.90	0.446	22.38	21.98
							0	Front	14.90	0.069	30.49	
							0	Top	14.90	0.489	21.98	
							0	Left	14.90	0.000	78.88	
							0	Right	14.73	0.215	25.39	

Notes:

1. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
2. Measured Output power refer to Sec.9 in SAR part.1 report.
3. Some bands were determined more conservative P_{limit} instead of calculation P_{limit}.

UMPC Body-1g Exposure (DSI = 0)

RF Exposure Conditions	DSI	band	Antenna	mode	RB	Ch.	Test distance (mm)	Test position	Output power (dbm)	meas SAR 1g (W/kg)	Plimit (dBm)	Minimum Plimit (dBm)
Body	0	GSM 850	A+B	GPRS 2 Slots		190	10	Rear	24.67	0.440	28.23	28.23
							10	Front	24.67	0.370	28.99	
							10	Bottom	24.67	0.193	31.81	
							10	Right	24.67	0.382	28.85	
Body	0	GSM 850	D	GPRS 2 Slots		128	10	Rear	25.11	0.182	32.51	32.34
							10	Front	25.11	0.180	32.56	
							10	Top	25.11	0.102	35.02	
							10	Right	25.11	0.189	32.34	
Body	0	GSM 1900	B	GPRS 4 Slots		661	10	Rear	18.47	0.385	22.62	20.72
							10	Front	18.47	0.337	23.19	
							10	Bottom	18.47	0.595	20.72	
							10	Right	18.47	0.188	25.73	
Body	0	WCDMA 2	B	Rel 99 (RMC, 12.2 kbps)		9400	10	Rear	19.32	0.593	21.59	19.64
							10	Front	19.32	0.466	22.64	
							10	Bottom	19.32	0.930	19.64	
							10	Right	19.32	0.277	24.90	
Body	0	WCDMA 4	B	Rel 99 (RMC, 12.2 kbps)		1413	10	Rear	19.34	0.619	21.42	19.81
							10	Front	19.34	0.362	23.75	
							10	Bottom	19.34	0.898	19.81	
							10	Right	19.34	0.153	27.49	
Body	0	WCDMA 5	A+B	Rel 99 (RMC, 12.2 kbps)		4183	10	Rear	24.55	0.605	26.73	26.73
							10	Front	24.55	0.409	28.43	
							10	Bottom	24.55	0.252	30.54	
							10	Right	24.55	0.411	28.41	
Body	0	WCDMA 5	D	Rel 99 (RMC, 12.2 kbps)		4183	10	Rear	24.13	0.517	27.00	27.00
							10	Front	24.13	0.282	29.63	
							10	Top	24.13	0.168	31.88	
							10	Right	24.13	0.284	29.60	
Body	0	LTE Band 5	A+B	QPSK	1/25	20525	10	Rear	24.22	0.579	26.59	26.59
							10	Front	24.22	0.476	27.44	
							10	Bottom	24.22	0.173	31.84	
							10	Right	24.22	0.373	28.50	
Body	0	LTE Band 5	D	QPSK	1/25	20525	10	Rear	24.20	0.455	27.62	27.62
							10	Front	24.20	0.236	30.47	
							10	Top	24.20	0.118	33.48	
							10	Right	24.20	0.244	30.33	
Body	0	LTE Band 12(17)	A+B	QPSK	1/49	23095	10	Rear	24.70	0.391	28.78	28.56
							10	Front	24.70	0.411	28.56	
							10	Bottom	24.70	0.202	31.65	
							10	Right	24.70	0.303	29.89	
Body	0	LTE Band 12(17)	D	QPSK	1/25	23095	10	Rear	24.65	0.379	28.86	28.86
							10	Front	24.65	0.216	31.31	
							10	Top	24.65	0.188	31.91	
							10	Right	24.65	0.242	30.81	
Body	0	LTE Band 13	A+B	QPSK	1/25	23230	10	Rear	23.32	0.343	27.97	27.97
							10	Front	23.32	0.222	29.86	
							10	Bottom	23.32	0.193	30.46	
							10	Right	23.32	0.204	30.22	
Body	0	LTE Band 13	D	QPSK	1/0	23230	10	Rear	23.20	0.325	28.08	28.08
							10	Front	23.20	0.242	29.36	
							10	Top	23.20	0.171	30.87	
							10	Right	23.20	0.219	29.80	
Body	0	LTE Band 25(2)	B	QPSK	1/0	26140	10	Rear	17.93	0.574	20.34	19.20
							10	Front	17.93	0.306	23.07	
							10	Bottom	17.93	0.747	19.20	
							10	Right	17.93	0.226	24.39	
Body	0	LTE Band 25(2)	E	QPSK	1/49	26365	10	Rear	19.63	0.527	22.41	22.41
							10	Front	19.63	0.210	26.41	
							10	Top	19.63	0.504	22.61	
Body	0	LTE Band 26	A+B	QPSK	1/0	26865	10	Rear	24.17	0.513	27.07	27.07
							10	Front	24.17	0.381	28.36	
							10	Bottom	24.17	0.193	31.31	
							10	Right	24.17	0.262	29.99	
Body	0	LTE Band 26	D	QPSK	1/0	26865	10	Rear	24.17	0.423	27.91	27.91
							10	Front	24.17	0.245	30.28	
							10	Top	24.17	0.124	33.24	
							10	Right	24.17	0.259	30.04	
Body	0	LTE Band 66(4)	B	QPSK	1/49	132072	10	Rear	19.15	0.488	22.27	21.49
							10	Front	19.15	0.349	23.72	
							10	Bottom	19.15	0.584	21.49	
							10	Right	19.15	0.154	27.27	

Notes:

1. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
2. Measured Output power refer to Sec.9 in SAR part.1 report.
3. Some bands were determined more conservative P_{limit} instead of calculation P_{limit}.

UMPC Body-1g Exposure (DSI = 0)

RF Exposure Conditions	DSI	band	Antenna	mode	RB	Ch.	Test distance (mm)	Test position	Output power (dbm)	meas SAR 1g (W/kg)	Plimit (dBm)	Minimum Plimit (dBm)
Body	0	LTE Band 66(4)	E	QPSK	1/0	132072	10	Rear	19.90	0.502	22.89	22.13
							10	Front	19.90	0.247	25.97	
							10	Top	19.90	0.598	22.13	
Body	0	LTE Band 41PC3	B	QPSK	1/0	39750	10	Rear	17.15	0.307	22.28	17.59
							10	Front	17.15	0.217	23.79	
					50/0	41490	10	Bottom	16.66	0.807	17.59	
					1/0	39750	10	Right	17.15	0.070	28.69	
Body	0	LTE Band 41 PC3	E	QPSK	1/49	39750	10	Rear	18.91	0.252	24.90	22.30
							10	Front	18.91	0.193	26.05	
							10	Top	18.91	0.458	22.30	
Body	0	LTE Band 41 PC2	B	QPSK	50/0	41490	10	Bottom	16.42	0.807	17.35	17.35
Body	0	LTE Band 41 PC2	E	QSPK	1/49	39750	10	Top	18.83	0.454	22.26	22.26
Body	0	NR Band n5	A+B	DFT-s-OFDM QPSK	1/52	167300	10	Rear	24.11	0.533	26.84	26.84
							10	Front	24.11	0.416	27.92	
							10	Bottom	24.11	0.224	30.61	
							10	Right	24.11	0.068	35.78	
Body	0	NR Band n5	D	DFT-s-OFDM QPSK	1/1	167300	10	Rear	23.76	0.474	27.00	27.00
							10	Front	23.76	0.346	28.37	
							10	Top	23.76	0.202	30.71	
							10	Right	23.76	0.274	29.38	
Body	0	NR Band n25(2)	B	DFT-s-OFDM QPSK	1/1	376500	10	Rear	18.27	0.576	20.67	19.66
							10	Front	18.27	0.369	22.60	
							10	Bottom	18.27	0.726	19.66	
							10	Right	18.27	0.180	25.72	
Body	0	NR Band n25(2)	E	DFT-s-OFDM QPSK	1/1	376500	10	Rear	19.87	0.428	23.56	23.17
							10	Front	19.87	0.281	25.38	
							10	Top	19.87	0.468	23.17	
Body	0	NR Band n66	B	DFT-s-OFDM QPSK	1/1	349000	10	Rear	19.50	0.376	23.75	21.21
							10	Front	19.50	0.226	25.96	
							10	Bottom	19.50	0.674	21.21	
							10	Right	19.50	0.170	27.20	
Body	0	NR Band n66	E	DFT-s-OFDM QPSK	1/1	349000	10	Rear	19.84	0.537	22.54	21.81
							10	Front	19.84	0.288	25.25	
							10	Top	19.84	0.636	21.81	
Body	0	NR Band n41 -Main- (Switching SRS1)	E	DFT-s-OFDM QPSK	1/1	518598	10	Rear	19.28	0.420	23.05	21.27
							10	Front	19.28	0.284	24.75	
							10	Top	19.28	0.632	21.27	
Body	0	NR Band n41 -SRS2- (Switching SRS3)	G	CW		518598	10	Rear	12.39	0.025	28.38	27.45
							10	Front	12.39	0.017	30.11	
							10	Right	12.39	0.031	27.45	
Body	0	NR Band n41 swithcing -Main- (non switching SRS1)	B	DFT-s-OFDM QPSK	1/136	518598	10	Rear	17.05	0.326	21.92	19.06
							10	Front	17.05	0.249	23.09	
							10	Bottom	17.05	0.630	19.06	
							10	Right	17.05	0.113	26.52	
Body	0	NR Band n41 swithcing -SRS2- (non switching SRS3)	C	CW		518598	10	Rear	12.54	0.029	27.98	25.73
							10	Front	12.54	0.021	29.36	
							10	Bottom	12.54	0.048	25.73	
Body	0	NR Band n77 PC2 -Main-	E	DFT-s-OFDM QPSK	1/1	662000	10	Rear	18.39	0.451	21.85	19.68
							10	Front	18.39	0.262	24.21	
							10	Top	18.39	0.743	19.68	
Body	0	NR Band n77 PC2 -SRS1-	C	CW		650000	10	Rear	14.69	0.056	27.24	24.91
							10	Front	14.69	0.054	27.41	
							10	Bottom	14.69	0.095	24.91	
Body	0	NR Band n77 PC2 -SRS2-	F	CW		662000	10	Rear	14.75	0.321	19.68	19.68
							10	Front	14.75	0.123	23.85	
							10	Top	14.75	0.165	22.58	
							10	Right	14.75	0.018	32.20	
Body	0	NR Band n77 PC2 -SRS3-	A	CW		650000	10	Rear	14.41	0.105	24.20	22.31
							10	Front	14.41	0.094	24.69	
							10	Bottom	14.41	0.143	22.86	
							10	Right	14.41	0.162	22.31	
Body	0	DTS SISO Ant. 1	G	802.11b 1Mbps		1	10	Rear	17.52	0.349	22.09	22.09
							10	Front	17.52	0.132	26.31	
							10	Right	17.52	0.177	25.04	
Body	0	DTS SISO Ant. 2	F	802.11b 1Mbps		1	10	Rear	16.93	0.317	21.92	21.65
							10	Front	16.93	0.101	26.89	
							10	Top	16.93	0.337	21.65	
							10	Right	16.93	0.054	29.59	
Body	0	DTS MIMO	G+F	802.11b 1Mbps		1	10	Rear	16.82	0.424	20.55	20.55
							10	Front	16.82	0.105	26.61	
							10	Top	16.82	0.125	25.85	
							10	Right	16.82	0.074	28.11	
Body	0	UNII-2A SISO Ant. 1	G	802.11n HT40		54	10	Rear	16.91	0.266	22.66	21.06
							10	Front	16.91	0.385	21.06	
							10	Right	16.91	0.361	21.33	
Body	0	UNII-2A SISO Ant. 2	D	802.11n HT40		54	10	Rear	17.70	0.322	22.62	21.10
							10	Front	17.70	0.225	24.18	
							10	Right	17.70	0.457	21.10	

Notes:

1. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
2. Measured Output power refer to Sec.9 in SAR part.1 report.
3. Some bands were determined more conservative P_{limit} instead of calculation P_{limit}.

UMPC Body-1g Exposure (DSI = 0)

RF Exposure Conditions	DSI	band	Antenna	mode	RB	Ch.	Test distance (mm)	Test position	Output power (dbm)	meas SAR 1g (W/kg)	Plimit (dBm)	Minimum Plimit (dBm)
Body	0	UNII-2A MIMO	G+D	802.11n HT40		54	10	Rear	17.10	0.417	20.90	19.39
							10	Front	17.10	0.590	19.39	
							10	Top	17.70	0.224	24.20	
							10	Right	17.10	0.561	19.61	
Body	0	UNII-2C SISO Ant. 1	G	802.11ac MCS0		122	10	Rear	17.41	0.255	23.34	22.57
							10	Front	17.41	0.305	22.57	
							10	Right	17.41	0.293	22.74	
Body	0	UNII-2C SISO Ant. 2	D	802.11ac MCS0		122	10	Rear	17.73	0.260	23.58	22.83
							10	Top	17.73	0.309	22.83	
							10	Right	17.73	0.249	23.77	
Body	0	UNII-2C MIMO	G+D	802.11ac MCS0		122	10	Rear	17.33	0.268	23.05	20.96
							10	Front	17.33	0.416	21.14	
							10	Top	17.61	0.335	22.36	
							10	Right	17.33	0.434	20.96	
Body	0	UNII-3 SISO Ant. 1	G	802.11ac MCS0		155	10	Rear	17.36	0.160	25.32	22.36
							10	Front	17.36	0.228	23.78	
							10	Right	17.36	0.316	22.36	
Body	0	UNII-3 SISO Ant. 2	D	802.11ac MCS0		155	10	Rear	17.77	0.232	24.12	24.12
							10	Front	17.77	0.197	24.83	
							10	Top	17.77	0.223	24.29	
							10	Right	17.77	0.166	25.57	
Body	0	UNII-3 MIMO	G+D	802.11ac MCS0		155	10	Rear	17.27	0.290	22.65	20.49
							10	Front	17.27	0.354	21.78	
							10	Right	17.27	0.476	20.49	
Body	0	UNI-4 SISO Ant. 1	G	802.11ac MCS0		171	10	Rear	17.41	0.183	24.79	21.92
							10	Front	17.41	0.233	23.74	
							10	Right	17.41	0.354	21.92	
Body	0	UNI-4 SISO Ant. 2	D	802.11ac MCS0		171	10	Rear	17.52	0.299	22.76	22.76
							10	Front	17.52	0.292	22.87	
							10	Top	17.52	0.297	22.79	
							10	Right	17.52	0.135	26.22	
Body	0	UNI-4 MIMO	G+D	802.11ac MCS0		171	10	Rear	17.39	0.365	21.77	21.14
							10	Front	17.39	0.422	21.14	
							10	Right	17.27	0.358	21.73	
Body	0	WiFi 6E SISO Ant. 1	G	802.11ax MCS 0		15	10	Rear	10.72	0.033	25.53	22.59
							10	Front	10.72	0.065	22.59	
							10	Right	10.72	0.044	24.29	
Body	0	WiFi 6E SISO Ant. 2	D	802.11ax MCS 0		15	10	Rear	10.99	0.132	19.78	18.76
						79	10	Front	10.99	0.167	18.76	
						15	10	Top	10.99	0.115	20.38	
							10	Right	10.99	0.022	27.57	
Body	0	WiFi 6E MIMO	G+D	802.11ax MCS 0		15	10	Rear	10.67	0.144	19.09	19.09
							10	Front	10.67	0.132	19.46	
							10	Top	10.67	0.116	20.03	
							10	Right	10.67	0.085	21.38	
Body	0	Bluetooth Ant. 1	G	LE 1M 255pkt		19	10	Rear	19.01	0.188	26.27	25.35
							10	Front	19.01	0.203	25.93	
							10	Right	19.01	0.232	25.35	
Body	0	Bluetooth Ant. 2	F	LE 1M 255pkt		19	10	Rear	18.85	0.325	23.73	23.54
							10	Front	18.85	0.119	28.10	
							10	Top	18.85	0.340	23.54	
							10	Right	18.85	0.049	31.95	
Body	0	Bluetooth MIMO	G+F	GFSK DH5		39	10	Rear	15.17	0.147	23.49	23.49
							10	Front	15.17	0.063	27.15	
							10	Top	15.17	0.120	24.37	
							10	Right	14.90	0.055	27.47	

Notes:

1. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
2. Measured Output power refer to Sec.9 in SAR part.1 report.
3. Some bands were determined more conservative P_{limit} instead of calculation P_{limit}.

UMPC Extremity-10g Exposure (DSI = 0)

RF Exposure Conditions	DSI	band	Antenna	mode	RB	Ch.	Test distance (mm)	Test position	Output power (dbm)	meas SAR 1g (W/kg)	Plimit (dBm)	Minimum Plimit (dBm)
Extremity	0	GSM 850	A+B	GPRS 2 Slots		190	0	Rear	24.67	1.170	27.97	27.97
							0	Front	24.67	1.160	28.00	
							0	Bottom	24.67	0.849	29.36	
							0	Right	24.67	1.050	28.44	
Extremity	0	GSM 850	D	GPRS 2 Slots		128	0	Rear	25.11	0.513	31.99	28.67
							0	Front	25.11	1.100	28.67	
							0	Top	25.11	0.474	32.33	
							0	Right	25.11	0.718	30.53	
Extremity	0	GSM 1900	B	GPRS 4 Slots		661	0	Rear	18.47	0.968	22.59	19.40
							0	Front	18.47	0.972	22.57	
							0	Bottom	18.47	2.020	19.40	
							0	Right	18.47	0.532	25.19	
Extremity	0	WCDMA 2	B	Rel 99 (RMC, 12.2 kbps)		9400	0	Rear	19.32	1.100	22.89	19.07
							0	Front	19.32	1.400	21.84	
							0	Bottom	19.32	2.650	19.07	
							0	Right	19.32	0.769	24.44	
Extremity	0	WCDMA 4	B	Rel 99 (RMC, 12.2 kbps)		1413	0	Rear	19.34	1.030	23.19	19.59
							0	Front	19.34	0.976	23.42	
							0	Bottom	19.34	2.360	19.59	
							0	Right	19.34	0.384	27.48	
Extremity	0	WCDMA 5	A+B	Rel 99 (RMC, 12.2 kbps)		4183	0	Rear	24.55	1.300	27.39	26.49
							0	Front	24.55	1.300	27.39	
							0	Bottom	24.55	1.070	28.24	
							0	Right	24.55	1.600	26.49	
Extremity	0	WCDMA 5	D	Rel 99 (RMC, 12.2 kbps)		4183	0	Rear	24.13	0.841	28.86	26.59
							0	Front	24.13	1.420	26.59	
							0	Top	24.13	0.741	29.41	
							0	Right	24.13	0.936	28.40	
Extremity	0	LTE Band 5	A+B	QPSK	1/25	20525	0	Rear	24.22	0.861	28.85	26.13
							0	Front	24.22	1.610	26.13	
							0	Bottom	24.22	1.210	27.37	
							0	Right	24.22	1.550	26.30	
Extremity	0	LTE Band 5	D	QSPK	1/25	20525	0	Rear	24.20	0.784	29.24	27.42
							0	Front	24.20	1.190	27.42	
							0	Top	24.20	0.628	30.20	
							0	Right	24.20	0.821	29.04	
Extremity	0	LTE Band 12(17)	A+B	QPSK	1/49	23095	0	Rear	24.70	0.738	30.00	26.08
							0	Front	24.70	1.620	26.58	
							0	Bottom	24.70	0.676	30.38	
							0	Right	24.70	1.820	26.08	
Extremity	0	LTE Band 12(17)	D	QPSK	1/25	23095	0	Rear	24.65	0.593	30.90	27.80
							0	Front	24.65	1.000	28.63	
							0	Top	24.65	0.884	29.16	
							0	Right	24.65	1.210	27.80	
Extremity	0	LTE Band 13	A+B	QPSK	1/25	23230	0	Rear	23.32	0.449	30.78	27.50
							0	Front	23.32	0.574	29.71	
							0	Bottom	23.32	0.488	30.42	
							0	Right	23.32	0.955	27.50	
Extremity	0	LTE Band 13	D	QPSK	1/0	23230	0	Rear	23.20	0.470	30.46	27.49
							0	Front	23.20	0.930	27.49	
							0	Top	23.20	0.597	29.42	
							0	Right	23.20	0.931	27.49	
Extremity	0	LTE Band 25(2)	B	QPSK	1/0	26140	0	Rear	17.93	1.270	20.87	18.37
							0	Front	17.93	0.901	22.36	
							0	Bottom	17.93	2.260	18.37	
							0	Right	17.93	0.583	24.25	
Extremity	0	LTE Band 25(2)	E	QPSK	1/49	26140	0	Rear	19.63	0.732	24.96	21.30
							0	Front	19.63	0.707	25.12	
							0	Top	19.57	1.680	21.30	
Extremity	0	LTE Band 26	A+B	QPSK	1/0	26865	0	Rear	24.17	0.860	28.80	26.42
							0	Front	24.17	1.490	26.42	
							0	Bottom	24.17	0.623	30.20	
							0	Right	24.17	1.390	26.72	
Extremity	0	LTE Band 26	D	QSPK	1/0	26865	0	Rear	24.17	0.768	29.30	27.11
							0	Front	24.17	1.270	27.11	
							0	Top	24.17	0.645	30.05	
							0	Right	24.17	0.928	28.47	
Extremity	0	LTE Band 66(4)	B	QPSK	1/49	132072	0	Rear	19.15	1.180	22.41	19.10
							0	Front	19.15	0.918	23.50	
					50/24	132572	0	Bottom	19.15	2.530	19.10	
					1/49	132072	0	Right	19.15	0.332	27.92	
Extremity	0	LTE Band 66(4)	E	QPSK	1/0	132072	0	Rear	19.90	1.040	23.71	22.03
							0	Front	19.90	1.040	23.71	
							0	Top	19.90	1.530	22.03	

Notes:

1. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
2. Measured Output power refer to Sec.9 in SAR part.1 report.
3. Some bands were determined more conservative P_{limit} instead of calculation P_{limit}.

UMPC Extremity-10g Exposure (DSI = 0)

RF Exposure Conditions	DSI	band	Antenna	mode	RB	Ch.	Test distance (mm)	Test position	Output power (dbm)	meas SAR 1g (W/kg)	Plimit (dBm)	Minimum Plimit (dBm)
Extremity	0	LTE Band 41PC3	B	QPSK	1/0	39750	0	Rear	17.15	0.560	23.65	17.10
							0	Front	17.15	0.743	22.42	
					50/0	41055	0	Bottom	16.87	2.370	17.10	
					1/0	39750	0	Right	17.15	0.107	30.84	
Extremity	0	LTE Band 41 PC3	E	QPSK	1/49	39750	0	Rear	20.91	0.576	27.29	21.79
							0	Front	20.91	0.736	26.22	
					50/50	40185	0	Top	20.64	1.920	21.79	
Extremity	0	LTE Band 41 PC2	B	QPSK	50/50	40185	0	Top	16.64	2.320	16.96	16.96
Extremity	0	LTE Band 41 PC2	E	QPSK	50/50	40185	0	Top	18.54	1.930	19.66	19.66
Extremity	0	NR Band n5	A+B	DFT-s-OFDM QPSK	1/52	167300	0	Rear	24.11	0.995	28.11	26.36
							0	Front	24.11	1.140	27.52	
							0	Bottom	24.11	0.989	28.14	
							0	Right	24.11	1.490	26.36	
Extremity	0	NR Band n5	D	DFT-s-OFDM QPSK	1/1	167300	0	Rear	23.76	0.793	28.75	27.21
							0	Front	23.76	1.100	27.33	
							0	Top	23.76	1.130	27.21	
							0	Right	23.76	1.010	27.70	
Extremity	0	NR Band n25(2)	B	DFT-s-OFDM QPSK	1/1	376500	0	Rear	18.27	0.978	22.35	18.95
							0	Front	18.27	1.120	21.76	
							0	Bottom	18.27	2.140	18.95	
							0	Right	18.27	0.498	25.28	
Extremity	0	NR Band n25(2)	E	DFT-s-OFDM QPSK	1/1	376500	0	Rear	19.87	1.120	23.36	21.32
							0	Front	19.87	0.849	24.56	
							0	Top	19.87	1.790	21.32	
Extremity	0	NR Band n66	B	DFT-s-OFDM QPSK	1/1	349000	0	Rear	19.50	1.150	22.87	19.38
							0	Front	19.50	1.220	22.62	
					108/54		0	Bottom	19.50	2.570	19.38	
					1/1		0	Right	19.50	0.394	27.52	
Extremity	0	NR Band n66	E	DFT-s-OFDM QPSK	1/1	349000	0	Rear	19.84	1.080	23.49	21.59
							0	Front	19.84	0.981	23.90	
							0	Top	19.84	1.670	21.59	
Extremity	0	NR Band n41 -Main- (Switching SRS1)	E	DFT-s-OFDM QPSK	1/1	518598	0	Rear	19.28	0.639	25.20	19.11
							0	Front	19.28	0.923	23.61	
							0	Top	19.28	2.600	19.11	
Extremity	0	NR Band n41 -SRS2- (Switching SRS3)	G	CW		518598	0	Rear	12.39	0.071	27.86	25.10
							0	Front	12.39	0.134	25.10	
							0	Right	12.39	0.107	26.08	
Extremity	0	NR Band n41 swithcing -Main- (non switching SRS1)	B	DFT-s-OFDM QPSK	1/136	518598	0	Rear	17.05	0.973	21.15	17.83
							0	Front	17.05	0.809	21.95	
							0	Bottom	17.05	2.090	17.83	
							0	Right	17.05	0.205	27.91	
Extremity	0	NR Band n41 swithcing -SRS2- (non switching SRS3)	C	CW		518598	0	Rear	12.54	0.140	25.06	25.06
							0	Front	12.54	0.094	26.81	
							0	Bottom	12.54	0.127	25.48	
Extremity	0	NR Band n77 PC2 -Main-	E	DFT-s-OFDM QPSK	1/1	662000	0	Rear	18.39	1.150	21.76	17.87
							0	Front	18.39	1.210	21.54	
							0	Top	18.39	2.820	17.87	
Extremity	0	NR Band n77 PC2 -SRS1-	C	CW		633334	0	Rear	15.00	0.414	22.81	20.41
						650000	0	Front	14.69	0.268	24.39	
						633334	0	Top	13.69	0.532	20.41	
Extremity	0	NR Band n77 PC2 -SRS2-	F	CW		63334	0	Rear	14.61	0.623	20.64	20.09
							0	Front	14.61	0.318	23.57	
							0	Top	14.61	0.708	20.09	
						662000	0	Right	14.75	0.046	32.10	
Extremity	0	NR Band n77 PC2 -SRS3-	A	CW		650000	0	Rear	14.41	0.183	25.76	19.84
						633334	0	Front	14.87	0.267	24.58	
							0	Bottom	14.87	0.796	19.84	
							0	Right	14.87	0.331	23.65	
Extremity	0	DTS SISO Ant. 1	G	802.11b 1Mbps		1	0	Rear	17.52	0.415	25.32	21.89
							0	Front	17.52	0.537	24.20	
							0	Right	17.52	0.915	21.89	
Extremity	0	DTS SISO Ant. 2	F	802.11b 1Mbps		1	0	Rear	16.93	0.565	23.39	19.15
							0	Front	16.93	0.453	24.35	
							0	Top	16.93	1.500	19.15	
							0	Right	16.93	0.101	30.87	
Extremity	0	DTS MIMO	G+F	802.11b 1Mbps		1	0	Rear	16.82	0.486	23.93	23.34
							0	Front	17.43	0.510	24.33	
							0	Top	16.82	0.522	23.62	
							0	Right	16.82	0.557	23.34	
Extremity	0	UNII-2A SISO Ant. 1	G	802.11n HT40		54	0	Rear	16.91	0.398	24.89	21.82
							0	Front	16.91	0.708	22.39	
							0	Right	16.91	0.807	21.82	
Extremity	0	UNII-2A SISO Ant. 2	D	802.11n HT40		54	0	Rear	17.70	0.243	27.82	22.31
							0	Right	17.70	0.864	22.31	

Notes:

1. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
2. Measured Output power refer to Sec.9 in SAR part.1 report.
3. Some bands were determined more conservative P_{limit} instead of calculation P_{limit}.

UMPC Extremity-10g Exposure (DSI = 0)

RF Exposure Conditions	DSI	band	Antenna	mode	RB	Ch.	Test distance (mm)	Test position	Output power (dbm)	meas SAR 1g (W/kg)	Plimit (dBm)	Minimum Plimit (dBm)
Extremity	0	UNII-2A MIMO	G+D	802.11n HT40		54	0	Rear	17.70	0.616	23.78	20.75
							0	Front	17.10	0.851	21.78	
							0	Top	17.70	0.841	22.43	
							0	Right	17.10	1.080	20.75	
Extremity	0	UNII-2C SISO Ant. 1	G	802.11ac MCS0		122	0	Rear	17.41	0.296	26.68	21.54
							0	Front	17.41	0.906	21.82	
							0	Right	17.41	0.966	21.54	
Extremity	0	UNII-2C SISO Ant. 2	D	802.11ac MCS0		122	0	Rear	17.73	0.373	25.99	22.78
							0	Front	17.73	0.669	23.46	
							0	Top	17.73	0.781	22.78	
							0	Right	17.73	0.382	25.89	
Extremity	0	UNII-2C MIMO	G+D	802.11ac MCS0		122	0	Rear	17.33	0.444	24.84	20.38
							0	Front	17.33	1.240	20.38	
							0	Top	17.61	0.957	21.78	
							0	Right	17.33	1.090	20.94	
Extremity	0	UNII-3 SISO Ant. 1	G	802.11ac MCS0		155	0	Rear	17.36	0.446	24.85	20.97
							0	Front	17.36	1.040	21.17	
							0	Right	17.36	1.090	20.97	
Extremity	0	UNII-3 SISO Ant. 2	D	802.11ac MCS0		155	0	Rear	17.77	0.401	25.72	23.46
							0	Front	17.77	0.642	23.67	
							0	Top	17.77	0.674	23.46	
Extremity	0	UNII-3 MIMO	G+D	802.11ac MCS0		155	0	Rear	17.66	0.602	23.84	20.32
							0	Front	17.27	1.240	20.32	
							0	Top	17.66	0.860	22.29	
							0	Right	17.27	1.190	20.49	
Extremity	0	UNI-4 SISO Ant. 1	G	802.11ac MCS0		171	0	Rear	17.41	0.455	24.81	21.06
							0	Front	17.41	0.882	21.93	
							0	Right	17.41	1.080	21.06	
Extremity	0	UNI-4 SISO Ant. 2	D	802.11ac MCS0		171	0	Rear	17.52	0.383	25.67	21.57
							0	Front	17.52	0.983	21.57	
							0	Top	17.52	0.835	22.28	
							0	Right	17.52	0.242	27.66	
Extremity	0	UNI-4 MIMO	G+D	802.11ac MCS0		171	0	Rear	17.27	0.417	25.05	21.12
							0	Front	17.27	1.000	21.25	
							0	Right	17.27	1.030	21.12	
Extremity	0	WiFi 6E SISO Ant. 1	G	802.11ax MCS 0		15	0	Rear	10.72	0.085	25.41	16.37
						79	0	Front	10.55	0.654	16.37	
						15	0	Top	10.72	0.020	31.69	
							0	Left	10.72	0.000	54.70	
							0	Bottom	10.72	0.000	54.70	
							0	Right	10.72	0.162	22.60	
Extremity	0	WiFi 6E SISO Ant. 2	D	802.11ax MCS 0		15	0	Rear	10.99	0.160	22.93	19.50
						79	0	Front	10.89	0.344	19.50	
						15	0	Top	10.99	0.219	21.56	
							0	Left	10.99	0.000	54.97	
							0	Bottom	10.99	0.000	54.97	
							0	Right	10.99	0.044	28.53	
Extremity	0	WiFi 6E MIMO	G+D	802.11ax MCS 0		15	0	Rear	10.99	0.147	23.30	18.28
						111	0	Front	10.98	0.466	18.28	
						15	0	Top	10.99	0.241	21.15	
							0	Left	10.67	0.000	54.65	
							0	Bottom	10.67	0.002	41.64	
							0	Right	10.67	0.198	21.68	
Extremity	0	Bluetooth Ant. 1	G	LE 1M 255pkt		19	0	Rear	18.88	0.373	27.14	23.27
							0	Front	18.88	0.910	23.27	
							0	Right	18.88	0.612	24.99	
Extremity	0	Bluetooth Ant. 2	F	LE 1M 255pkt		19	0	Rear	18.85	0.773	23.95	20.61
							0	Front	18.85	0.573	25.25	
							0	Top	18.85	1.670	20.61	
							0	Right	18.85	0.088	33.37	
Extremity	0	Bluetooth MIMO	G+F	GFSK DH5		39	0	Rear	15.17	0.205	26.03	21.69
							0	Front	14.90	0.163	26.76	
							0	Top	15.17	0.556	21.69	
							0	Right	14.90	0.166	26.68	

Notes:

1. The maximum allowed power is equal to maximum tune up power + 1 dB device design uncertainty
2. Measured Output power refer to Sec.9 in SAR part.1 report.
3. Some bands were determined more conservative P_{limit} instead of calculation P_{limit}.

END OF REPORT