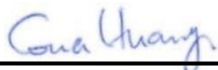


Power Density Evaluation Report

FCC ID : A4RG9FPL
Equipment : Phone
Model Name : G9FPL, G0B96
Applicant : Google LLC
1600 Amphitheatre Parkway,
Mountain View, California, 94043 USA
Standard : FCC 47 CFR Part 2 (2.1093)

The product was received on Nov. 23, 2022 and testing was started from Dec. 17, 2022 and completed on Dec. 24, 2022. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample provide by manufacturer and the test data has been evaluated in accordance with the test procedures given in 47 CFR part2.1093 and has been pass the FCC requirement.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Laboratory, the test report shall not be reproduced except in full.



Approved by: Cona Huang / Deputy Manager



Sporton International Inc. EMC & Wireless Communications Laboratory
No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan



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Appendix A. Plots of System Performance Check
Appendix B. Plots of Power Density Measurement
Appendix C. DASY Calibration Certificate
Appendix D. Setup Photo



History of this test report

Report No.	Version	Description	Issued Date
FA262403-04C	01	Initial issue of report	Feb. 15, 2023



1. Summary

The maximum measured average power density found during testing for Google LLC, Phone, are as follows.

Standalone transmission				Simultaneous transmission with other transmitters
RF Transmitter		Measured PD (mW/cm²)	Reported PD (mW/cm²)	Summation of Exposure Ratio
5G FR2	n258	0.360	0.75	0.995
	n260	0.488	0.75	
	n261	0.416	0.75	
Result		PASS		

This device is compliance with human exposure to RF radiation limit (1.0 mW/cm²) specified in FCC 47 CFR part1.1310

Reviewed by: Jason Wang

Report Producer: Carlie Tsai

2. Guidance Applied

The Power Density testing specification, method, and procedure for this device is in accordance with the following standards, if the KDB standards were not list within TAF approval, because it is included in the KDB 447498.

- FCC 47 CFR Part 2.1091
- FCC 47 CFR Part 2.1093
- FCC KDB 865664 D02 SAR Reporting v01r02
- FCC KDB 447498 D01 General RF Exposure Guidance v06
- FCC KDB 648474 D04 SAR Evaluation Considerations for Wireless Handsets v01r03
- TCBC workshop notes
- IEC TR 63170



3. Equipment Under Test (EUT) Information

3.1 General Information

Product Feature & Specification	
Equipment Name	Phone
Model Name	G9FPL, G0B96
FCC ID	A4RG9FPL
S / N	2B021FDHS00051
Wireless Technology and Frequency Range	GSM850: 824.2 MHz ~ 848.8 MHz GSM1900: 1850.2 MHz ~ 1909.8 MHz WCDMA Band II: 1850 MHz ~ 1910 MHz WCDMA Band IV: 1710 MHz ~ 1755 MHz WCDMA Band V: 824 MHz ~ 849 MHz LTE Band 2: 1850 MHz ~ 1910 MHz LTE Band 4: 1710 MHz ~ 1755 MHz LTE Band 5: 824 MHz ~ 849 MHz LTE Band 7: 2500 MHz ~ 2570 MHz LTE Band 12: 699 MHz ~ 716 MHz LTE Band 13: 777 MHz ~ 787 MHz LTE Band 14: 788 MHz ~ 798 MHz LTE Band 17: 704 MHz ~ 716 MHz LTE Band 25: 1850 MHz ~ 1915 MHz LTE Band 26: 814 MHz ~ 849 MHz LTE Band 30: 2305 MHz ~ 2315 MHz LTE Band 38: 2570 MHz ~ 2620 MHz LTE Band 41: 2496 MHz ~ 2690 MHz LTE Band 48: 3550 MHz ~ 3700 MHz LTE Band 66: 1710 MHz ~ 1780 MHz LTE Band 71: 663 MHz ~ 698 MHz 5G NR n2 : 1850 MHz ~ 1910 MHz 5G NR n5 : 824 MHz ~ 849 MHz 5G NR n7 : 2500 MHz ~ 2570 MHz 5G NR n12 : 699 MHz ~ 716 MHz 5G NR n14 : 788 MHz ~ 798 MHz 5G NR n25 : 1850 MHz ~ 1915 MHz 5G NR n30 : 2305 MHz ~ 2315 MHz 5G NR n38 : 2570 MHz ~ 2620 MHz 5G NR n41 : 2496 MHz ~ 2690 MHz 5G NR n48 : 3550 MHz ~ 3700 MHz 5G NR n66 : 1710 MHz ~ 1780 MHz 5G NR n71 : 663 MHz ~ 698 MHz 5G NR n77: 3450 MHz ~ 3550 MHz, 3700 MHz ~ 3980 MHz 5G NR n258 : 24.25 GHz~24.45 GHz, 24.75GHz ~25.25GHz 5G NR n260 : 37 GHz~40 GHz 5G NR n261 : 27.5 GHz~28.35 GHz WLAN 2.4GHz Band: 2400 MHz ~ 2483.5 MHz WLAN 5.2G Band: 5150 MHz ~ 5250 MHz WLAN 5.3G Band: 5250 MHz ~ 5350 MHz WLAN 5.5G Band: 5470 MHz ~ 5725 MHz WLAN 5.8G Band: 5725 MHz ~ 5850 MHz WLAN 5.9G Band: 5850 MHz ~ 5895 MHz WLAN 6E: 5925 MHz ~ 6425 MHz, 6425 MHz ~ 6525 MHz, 6525 MHz ~ 6875 MHz, 6875 MHz ~ 7125 MHz Bluetooth: 2400 MHz ~ 2483.5 MHz NFC: 13.56 MHz WPT Client: 110 kHz ~ 148.5 kHz UWB: 6489.6 MHz, 7987.2 MHz
Mode	GSM/GPRS/EGPRS RMC/AMR 12.2Kbps HSDPA HSUPA LTE: QPSK, 16QAM, 64QAM, 256QAM 5G NR: DFT-s-OFDM/CP-OFDM, Pi/2 BPSK/QPSK/16QAM/64QAM/256QAM WLAN: 802.11a/b/g/n/ac/ax HT20/HT40/VHT20/VHT40/VHT80/VHT160/HE20/HE40/HE80/HE160 Bluetooth BR/EDR/LE NFC: ASK WPT Client: ASK UWB: BPM-BPSK

4. RF Exposure Limits

4.1 Uncontrolled Environment

Uncontrolled Environments are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure. The general population/uncontrolled exposure limits are applicable to situations in which the general public may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Members of the general public would come under this category when exposure is not employment-related; for example, in the case of a wireless transmitter that exposes persons in its vicinity.

4.2 Controlled Environment

Controlled Environments are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e. as a result of employment or occupation). In general, occupational/controlled exposure limits are applicable to situations in which persons are exposed as a consequence of their employment, who have been made fully aware of the potential for exposure and can exercise control over their exposure. The exposure category is also applicable when the exposure is of a transient nature due to incidental passage through a location where the exposure levels may be higher than the general population/uncontrolled limits, but the exposed person is fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means.

The criteria listed in Table 1 shall be used to evaluate the environmental impact of human exposure above 6GHz to radio frequency (RF) radiation as specified in §1.1310.

General Population Basic restriction for power density for frequencies between 1.5GHz and 100 GHz is $1.0 \text{ mW/cm}^2 = 10 \text{ W/m}^2$

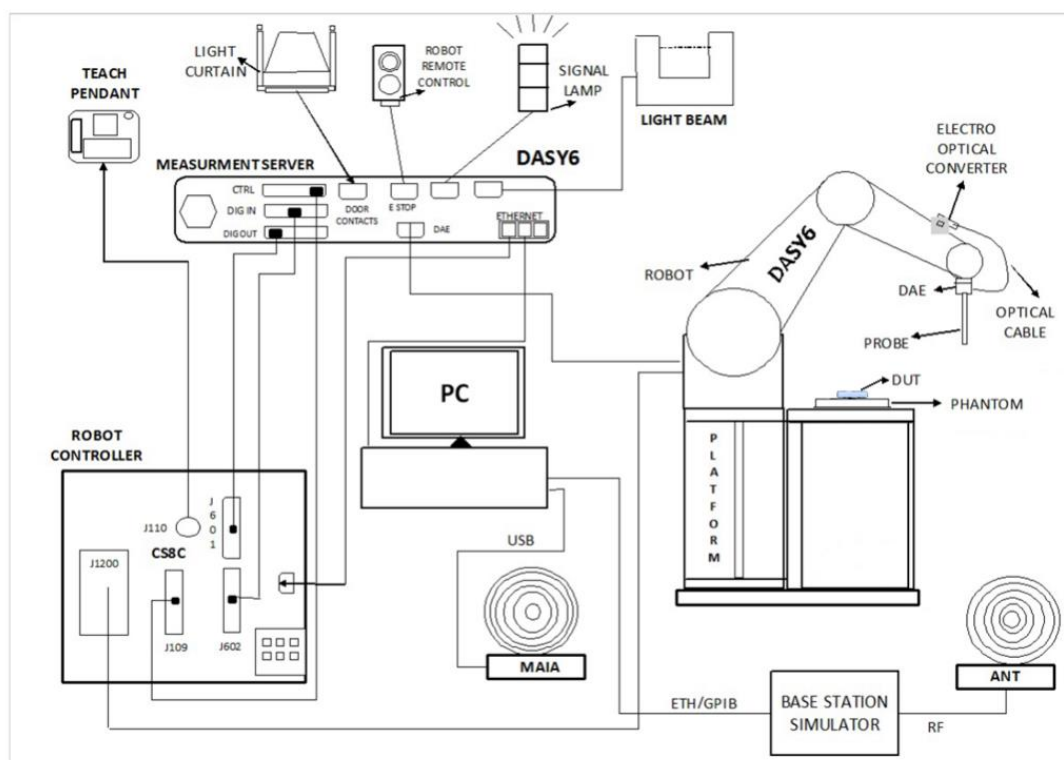
Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm^2)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	$1842/f$	$4.89/f$	*(900/ f^2)	6
30-300	61.4	0.163	1.0	6
300-1500			$f/300$	6
1500-100,000			5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30
1.34-30	$824/f$	$2.19/f$	*(180/ f^2)	30
30-300	27.5	0.073	0.2	30
300-1500			$f/1500$	30
1500-100,000			1.0	30

Table 1

5. System Description and Setup

The system to be used for the near field power density measurement

- SPEAG DASY6 system
- SPEAG cDASY6 5G module software
- EUmWVx probe
- 5G Phantom cover



5.1 Test Site Location

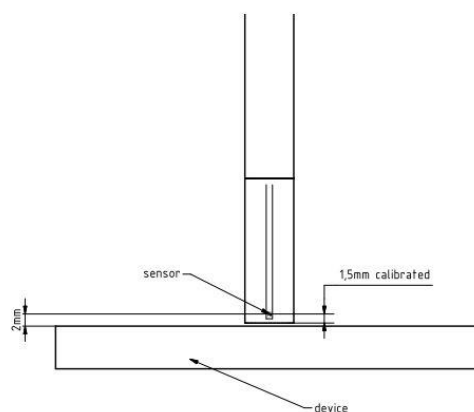
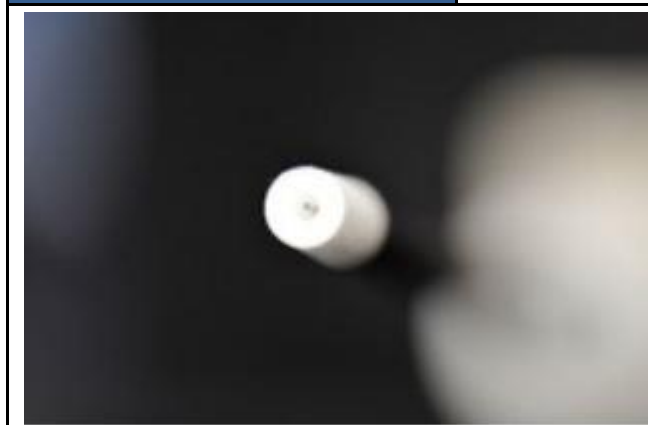
Sporton Lab and below test site location are accredited to ISO 17025 by Taiwan Accreditation Foundation (TAF code: 1190) and the FCC designation No. TW1190 under the FCC 2.948(e) by Mutual Recognition Agreement (MRA) in FCC test.

Test Site	SPORTON INTERNATIONAL INC. EMC & Wireless Communications Laboratory
Test Site Location	TW1190 No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, CHINESE TAIPEI
Test Site No.	SAR06-HY

5.2 EUmmWave Probe / E-Field 5G Probe

The probe design allows measurements at distances as small as 2 mm from the sensors to the surface of the device under test (DUT). The typical sensor to probe tip distance is 1.5 mm.

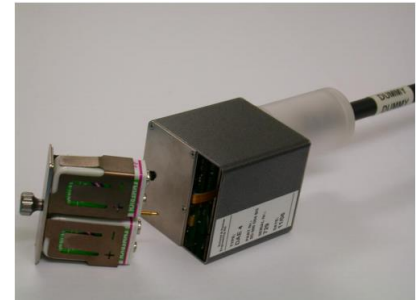
Frequency	750 MHz – 110 GHz
Probe Overall Length	320 mm
Probe Body Diameter	8.0 mm
Tip Length	23.0 mm
Tip Diameter	8.0 mm
Probe's two dipoles length	0.9 mm – Diode loaded
Dynamic Range	< 20 V/m - 10000 V/m with PRE-10 (min < 50 V/m - 3000 V/m)
Position Precision	< 0.2 mm
Distance between diode sensors and probe's tip	1.5 mm
Minimum Mechanical separation between probe tip and a Surface	0.5 mm
Applications	E-field measurements of 5G devices and other mm-wave transmitters operating above 10GHz in < 2 mm distance from device (free-space) Power density, H-field and far-field analysis using total field reconstruction.
Compatibility	cDASY6 + 5G-Module SW1.0 and higher



5.3 Data Acquisition Electronics (DAE)

The data acquisition electronics (DAE) consists of a highly sensitive electrometer-grade preamplifier with auto-zeroing, a channel and gain-switching multiplexer, a fast 16 bit AD-converter and a command decoder and control logic unit. Transmission to the measurement server is accomplished through an optical downlink for data and status information as well as an optical uplink for commands and the clock.

The input impedance of the DAE is 200 MOhm; the inputs are symmetrical and floating. Common mode rejection is above 80 dB.



5.4 Scan configuration

Fine-resolution scans on 2 different planes are performed to reconstruct the E- and H-fields as well as the power density; the z-distance between the 2 planes is set to $\lambda/4$.

The (x, y) grid step is also set $\lambda/4$, the grid extent is set to sufficiently large to identify the field pattern and the peak.

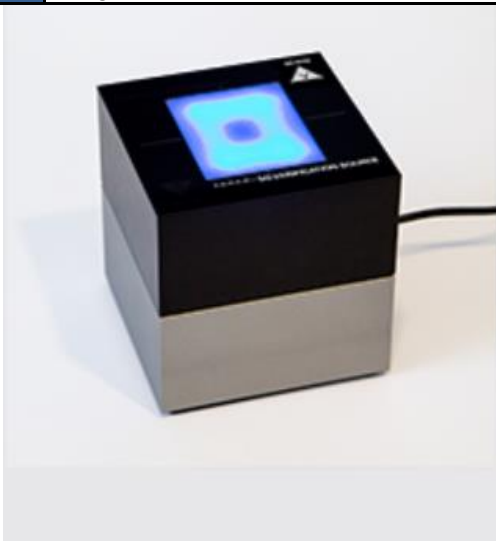
6. Test Equipment List

Manufacturer	Name of Equipment	Type/Model	Serial Number	Calibration	
				Last Cal.	Due Date
SPEAG	5G Verification Source	30GHz	1007	Nov. 18, 2022	Nov. 17, 2023
SPEAG	5G Verification Source	30GHz	1009	May. 24, 2022	May. 23, 2023
SPEAG	EUmmWV Probe Tip Protection	EUmmWV4	9441	Nov. 18, 2022	Nov. 17, 2023
SPEAG	Data Acquisition Electronics	DAE4	854	Aug. 24, 2022	Aug. 23, 2023
TESTO	Hygro meter	608-H1	45256952	Nov. 02, 2022	Nov. 01, 2023
Aglient	Spectrum Analyzer	E4408B	MY44211028	Aug. 19, 2021	Aug. 17, 2023
Custom Microwave	Standard Horn antenna	M15RH	V91113-A	NCR	NCR

7. System Verification Source

The System Verification sources at 30 GHz and above comprise horn-antennas and very stable signal generators.

Model	Ka-band horn antenna
Calibrated frequency:	30 GHz at 10mm from the case surface
Frequency accuracy	± 100 MHz
E-field polarization	linear
Harmonics	-20 dBc
Total radiated power	14 dBm
Power stability	0.05 dB
Power consumption	5 W
Size	100 x 100 x 100 mm
Weight	1 kg



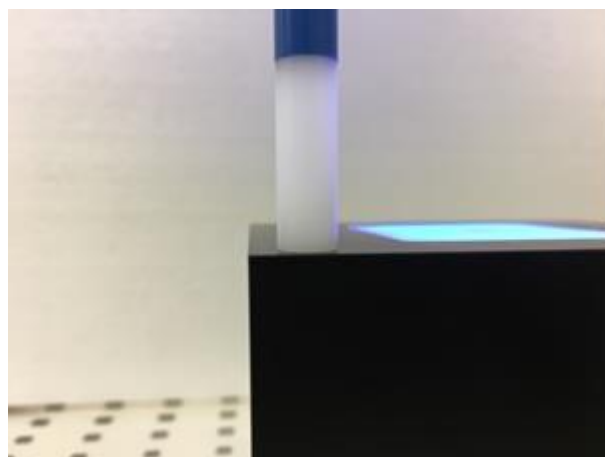
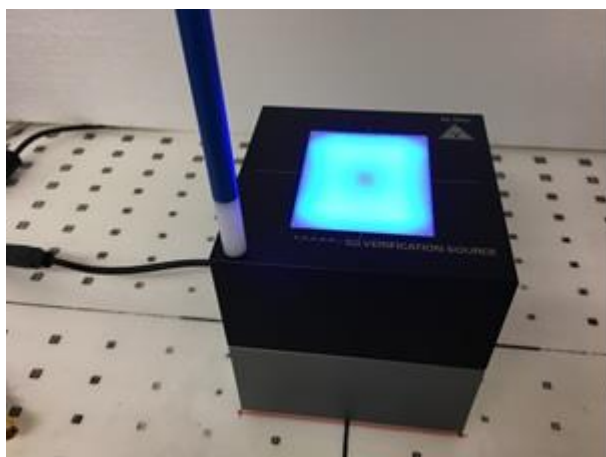
8. Power Density System Verification

The system performance check verifies that the system operates within its specifications.

The EUT is replaced by a calibrated source, the same spatial resolution, measurement region and the test separation used in the calibration was applied to system check. Through visual inspection into the measured power density distribution, both spatially (shape) and numerically (level) have no noticeable difference. The measured results should be within 0.66dB of the calibrated targets.

Frequency [GHz]	Grid step	Grid extent X/Y [mm]	Measurement points
10	$0.25 \left(\frac{\lambda}{4}\right)$	120/120	16×16
30	$0.25 \left(\frac{\lambda}{4}\right)$	60/60	24×24
60	$0.25 \left(\frac{\lambda}{4}\right)$	32.5/32.5	26×26
90	$0.25 \left(\frac{\lambda}{4}\right)$	30/30	36×36

Settings for measurement of verification sources



Verification Setup photo

9. System Verification Results

Test Site	Frequency (GHz)	5G Verification Source	Probe S/N	DAE S/N	Distance (mm)	Measured 4 cm ² (W/m ²)	Targeted 4 cm ² (W/m ²)	Deviation (dB)	Date
SAR06-HY	30G	30GHz_1007	9441	854	10	34.1	35.9	-0.22	2022/12/17
SAR06-HY	30G	30GHz_1009	9441	854	10	28.3	29.8	-0.22	2022/12/24

9.1 Computation of the Electric Field Polarization Ellipse

For the numerical description of an arbitrarily oriented ellipse in three-dimensional space, five parameters are needed: the semi-major axis (a), the semi-minor axis (b), two angles describing the orientation of the normal vector of the ellipse (ϕ , θ), and one angle describing the tilt of the semi-major axis (ψ). For the two extreme cases, i.e., circular and linear polarizations, three parameters only (a , ϕ and θ) are sufficient for the description of the incident field.

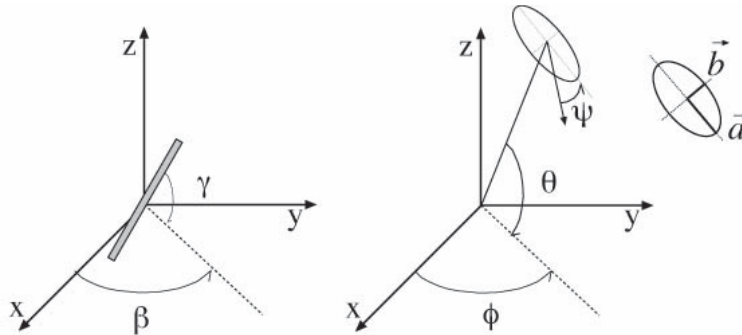


Illustration of the angles used for the numerical description of the sensor and the orientation of an ellipse in 3-D space.

For the reconstruction of the ellipse parameters from measured data, the problem can be reformulated as a nonlinear search problem. The semi-major and semi-minor axes of an elliptical field can be expressed as functions of the three angles (ϕ , θ and ψ). The parameters can be uniquely determined towards minimizing the error based on least-squares for the given set of angles and the measured data. In this way, the number of free parameters is reduced from five to three, which means that at least three sensor readings are necessary to gain sufficient information for the reconstruction of the ellipse parameters. However, to suppress the noise and increase the reconstruction accuracy, it is desirable that the system of equations be over determined. The solution to use a probe consisting of two sensors angled by r_1 and r_2 toward the probe axis and to perform measurements at three angular positions of the probe, i.e., at β_1 , β_2 and β_3 , results in over-determinations by a factor of two. If there is a need for more information or increased accuracy, more rotation angles can be added. The reconstruction of the ellipse parameters can be separated into linear and non-linear parts that are best solved by the Givens algorithm combined with a downhill simplex algorithm. To minimize the mutual coupling, sensor angles are set with a shift of 90 degree ($r_2 = r_1 + 90$ degree), and to simplify, the first rotation angle of the probe (β_1) can be set to 0 degree.

9.2 Total Field and Power Flux Density Reconstruction

Computation of the power density in general requires knowledge of the electric and magnetic field amplitudes and phases in the plane of incidence. Reconstruction of these quantities from pseudo-vector E-field measurements is feasible, as they are constrained by Maxwell's equations. SPEAG have developed a reconstruction approach based on the Gerchberg-Saxton algorithm, which benefits from the availability of the E-field polarization ellipse information obtained with the EUmWV2 probe.

The average of the reconstructed power density is evaluated over a circular area in each measurement plane. Two average power density values can be computed, the average total power density and the average incident power density, and the average total power density is used to determine compliance.

- $|Re\{S\}|$ is the total Poynting vector
- $\mathbf{n} \cdot Re\{S\}$ is the normal Poynting vector

The software post-processing reports to values, "S avg tot" and "S avg inc". "S avg tot" represents average total power density (all three xyz components included), and "S avg inc" represents average normal power density. The average total power density "S avg tot" is reported to determine the device compliance.

9.3 Test Positions

<Closed Mode>

Band	Antenna Module	Measurement Plane					
		S1(Front) 2mm	S2(Back) 2mm	S3(Left) 2mm	S4(Right) 2mm	S5(Top) 2mm	S6(Bottom) 2mm
5G NR Band 258/260/261	Plane A sub-module	✓	✓	✗	✓	✓	✗
	Plane B sub-module	✓	✓	✗	✓	✓	✗

Band	Antenna Module	Measurement Plane					
		S1(Front) 10mm	S2(Back) 10mm	S3(Left) 10mm	S4(Right) 10mm	S5(Top) 10mm	S6(Bottom) 10mm
5G NR Band 258/260/261	Plane A sub-module	✓	✓	✗	✓	✓	✗
	Plane B sub-module	✓	✓	✗	✓	✓	✗

<Open Mode>

Band	Antenna Module	Measurement Plane					
		S1(Front) 2mm	S2(Back) 2mm	S3(Left) 2mm	S4(Right) 2mm	S5(Top) 2mm	S6(Bottom) 2mm
5G NR Band 258/260/261	Plane A sub-module	✓	✓	✗	✓	✓	✗
	Plane B sub-module	✓	✓	✗	✓	✓	✗

Band	Antenna Module	Measurement Plane					
		S1(Front) 10mm	S2(Back) 10mm	S3(Left) 10mm	S4(Right) 10mm	S5(Top) 10mm	S6(Bottom) 10mm
5G NR Band 258/260/261	Plane A sub-module	✓	✓	✗	✓	✓	✗
	Plane B sub-module	✓	✓	✗	✓	✓	✗

From the Part 0 and simulation report, beam IDs with highest PD and corresponding Plimit were selected to be tested for each antenna module and for each frequency band.

10. RF Exposure Evaluation Results

1. The PD test was performed at a 2 mm and 10 mm separation between sensor and EUT surface (the probe tip is 0.5mm to the EUT surface).
2. According to TCBC Workshop in October 2018, 4 cm² averaging area are used.
3. This device is enabled with Samsung S.LSI TAS feature, S.LSI TAS will manage and ensure LTE and 5G simultaneous transmission is compliant. The validation of the time-averaging algorithm and compliance under the Tx varying transmission scenario for WWAN technologies are reported in Part 2 report.
4. Pimit parameter for 5G mmW NR radio was calculated in RF Exposure Part 0 test report.
5. According the KDB inquiry guidance, the back surface was measured on the camera bump 2 mm surface, and reporting simulation PD at 2 mm from antenna-adjacent housing.
6. TAS algorithm makes use of the target power per slot in determining consumed SAR. The EIRP control can maintain the required amount of power for either CW tone or actual waveform to ensure the accuracy of actual transmit power. Plimit derived from CW tone signals can be confirmed to apply irrespective of the waveform, therefore the device was configured to transmit CW wave signal for testing.
7. Run PD test, from the beam ID with the highest simulated for selected side
 - a. Horizontal polarization (H-only), CW tone signal.
 - b. Vertical polarization (V-only), CW tone signal.
 - c. Horizontal + Vertical polarization (H+V) , CW tone signal
 - d. If step b to c result > 50% limit, then repeat for 2nd highest beam ID. If 2nd beam ID result is also > 50% limit, then repeat for 3rd beam ID
 - e. For Maximum among 2)–3), test low and high channel
 - f. For Maximum among 2)–4), test other sides, which is within 2.5 cm from the mmwave antenna module
 - g. Apply the ratio from simulation to scale PD values@2 mm separation distance to PD values@10 mm separation distance.
Repeat steps a)-f) for the rest of the bands and plane
8. It's illustrated in Part 0 report that, for 5G mmW NR since there is total design-related uncertainty arising from TxAGC and device-to-device variation, the worst-case RF exposure should be determined by accounting for this device uncertainty of 2.3 dB, as well as PD design target of 4.42 W/m². Therefore, 5G mmW NR RF exposure for this DUT is evaluated by reported PD calculated as:

$$\text{Reported PD} = \text{PD design target} + 2.3 \text{ dB} = 7.5 \text{ W/m}^2 = 0.75 \text{ mW/cm}^2$$

Test Number	Antenna Module	H	V	Band	Frequency (GHz)	Mode	Exposure Surface	Input Power limit	Test Separation	Modulation	Epeak [V/m]	Hpeak [A/m]	Measured results Savg inc 4cm ² (W/m ²)	Measured results Savg tot 4cm ² (W/m ²)	Measured results Savg tot 4cm ² (mW/cm ²)
	Plane A sub-module	3	-	n261	27.925	Open	Top (S5)	9.90	2mm	CW	56.8	0.166	1.37	1.67	0.167
	Plane A sub-module	-	4	n261	27.925	Open	Top (S5)	9.90	2mm	CW	58.4	0.122	1.58	1.79	0.179
	Plane A sub-module	3	3	n261	27.925	Open	Top (S5)	9.90	2mm	CW	79.2	0.218	3.6	4.03	0.403
01	Plane A sub-module	3	3	n261	27.50	Open	Top (S5)	9.90	2mm	CW	79.1	0.198	3.7	4.16	0.416
	Plane A sub-module	4	4	n261	28.35	Open	Top (S5)	9.90	2mm	CW	67.9	0.14	2.51	2.77	0.277
	Plane A sub-module	3	3	n261	27.50	Open	Front (S1)_Visor	9.90	2mm	CW	32	0.08	0.809	1	0.1
	Plane A sub-module	3	3	n261	27.50	Open	Back (S2)	9.90	2mm	CW	46.5	0.137	1.66	2.25	0.225
	Plane A sub-module	0	0	n261	27.50	Open	Right (S4)	9.90	2mm	CW	18.9	0.045	0.307	0.319	0.0319
	Plane A sub-module	4	4	n261	27.50	Closed	Top (S5)	9.90	10mm	CW	48.9	0.12	2.08	2.24	0.224
	Plane A sub-module	3	3	n261	27.50	Closed	Front (S1)	9.90	10mm	CW	31.5	0.067	1.02	1.33	0.133
	Plane A sub-module	3	3	n261	27.50	Closed	Front (S1)	9.90	2mm	CW	50.3	0.112	1.93	2.54	0.254
	Plane A sub-module	0	0	n261	27.50	Closed	Back (S2)	9.90	10mm	CW	19.5	0.053	0.272	0.408	0.0408
	Plane A sub-module	0	0	n261	27.50	Closed	Right (S4)	9.90	10mm	CW	11.5	0.041	0.229	0.231	0.0231
	Plane B sub-module	3	-	n261	27.925	Open	Front (S1)_Visor	11.80	2mm	CW	59.5	0.137	1.43	1.73	0.173
	Plane B sub-module	-	2	n261	27.925	Open	Front (S1)_Visor	11.80	2mm	CW	25.4	0.065	0.331	0.39	0.039
	Plane B sub-module	2	2	n261	27.925	Open	Front (S1)_Visor	11.80	2mm	CW	72	0.145	2.87	3.08	0.308
	Plane B sub-module	2	2	n261	27.50	Open	Front (S1)_Visor	11.80	2mm	CW	63.8	0.165	2.89	3.3	0.33
	Plane B sub-module	3	3	n261	28.35	Open	Front (S1)_Visor	11.80	2mm	CW	69	0.199	3.12	3.43	0.343
	Plane B sub-module	0	0	n261	28.35	Open	Back (S2)	11.80	2mm	CW	22.5	0.058	0.142	0.266	0.0266
	Plane B sub-module	0	0	n261	28.35	Open	Right (S4)	11.80	2mm	CW	9.99	0.032	0.158	0.175	0.0175
	Plane B sub-module	3	3	n261	28.35	Open	Top (S5)	11.80	2mm	CW	45.7	0.093	1.25	1.88	0.188
	Plane B sub-module	0	0	n261	28.35	Closed	Back (S2)	11.80	10mm	CW	39.2	0.109	1.66	1.81	0.181
	Plane B sub-module	3	3	n261	28.35	Closed	Top (S5)	11.80	10mm	CW	23.8	0.072	0.528	0.642	0.0642
	Plane B sub-module	3	3	n261	28.35	Closed	Front (S1)	11.80	10mm	CW	6.1	0.021	0.044	0.047	0.0047
	Plane B sub-module	0	0	n261	28.35	Closed	Front (S1)	11.80	2mm	CW	7.45	0.028	0.039	0.045	0.0045
	Plane B sub-module	0	0	n261	28.35	Closed	Right (S4)	11.80	10mm	CW	9.8	0.031	0.133	0.145	0.0145

Test Number	Antenna Module	H	V	Band	Frequency (GHz)	Mode	Exposure Surface	Input Power limit	Test Separation	Modulation	Epeak [V/m]	Hpeak [A/m]	Measured results Savg inc 4cm^2 (W/m2)	Measured results Savg tot 4cm^2 (W/m2)	Measured results Savg tot 4cm^2 (mW/cm2)
	Plane A sub-module	1	-	n260	38.5	Open	Top (S5)	12.88	2mm	CW	77	0.182	1.45	2.05	0.205
	Plane A sub-module	-	5	n260	38.5	Open	Top (S5)	12.88	2mm	CW	70.9	0.174	1.99	2.27	0.227
	Plane A sub-module	4	4	n260	38.5	Open	Top (S5)	12.88	2mm	CW	101	0.221	3.63	4.04	0.404
02	Plane A sub-module	3	3	n260	37.0	Open	Top (S5)	12.88	2mm	CW	111	0.261	4.17	4.88	0.488
	Plane A sub-module	0	0	n260	40.0	Open	Top (S5)	12.88	2mm	CW	82.2	0.202	1.8	2.32	0.232
	Plane A sub-module	2	2	n260	37.0	Open	Front (S1)_Visor	12.88	2mm	CW	31.4	0.09	0.767	0.922	0.0922
	Plane A sub-module	3	3	n260	37.0	Open	Back (S2)	12.88	2mm	CW	64.9	0.161	3.07	3.46	0.346
	Plane A sub-module	0	0	n260	37.0	Open	Right (S4)	12.88	2mm	CW	6.8	0.024	0.062	0.066	0.0066
	Plane A sub-module	4	4	n260	37.0	Closed	Top (S5)	12.88	10mm	CW	70.1	0.153	3.34	3.57	0.357
	Plane A sub-module	3	3	n260	37.0	Closed	Front (S1)	12.88	10mm	CW	24.4	0.053	0.525	0.703	0.0703
	Plane A sub-module	4	4	n260	37.0	Closed	Front (S1)	12.88	2mm	CW	34.3	0.072	0.855	1.16	0.116
	Plane A sub-module	2	2	n260	37.0	Closed	Back (S2)	12.88	10mm	CW	25.2	0.056	0.502	0.641	0.0641
	Plane A sub-module	0	0	n260	37.0	Closed	Right (S4)	12.88	10mm	CW	13.4	0.035	0.351	0.362	0.0362
	Plane B sub-module	5	-	n260	38.5	Open	Front (S1)_Visor	13.90	2mm	CW	27.6	0.079	0.588	0.702	0.0702
	Plane B sub-module	-	2	n260	38.5	Open	Front (S1)_Visor	13.90	2mm	CW	47.5	0.127	1.05	1.17	0.117
	Plane B sub-module	5	5	n260	38.5	Open	Front (S1)_Visor	13.90	2mm	CW	67.2	0.187	2.55	3.21	0.321
	Plane B sub-module	1	1	n260	37.0	Open	Front (S1)_Visor	13.90	2mm	CW	78.3	0.173	2.72	3.39	0.339
	Plane B sub-module	2	2	n260	40.0	Open	Front (S1)_Visor	13.90	2mm	CW	77	0.201	3.01	3.46	0.346
	Plane B sub-module	1	1	n260	40.0	Open	Back (S2)	13.90	2mm	CW	37.7	0.11	0.34	0.457	0.0457
	Plane B sub-module	5	5	n260	40.0	Open	Right (S4)	13.90	2mm	CW	10.9	0.028	0.186	0.195	0.0195
	Plane B sub-module	2	2	n260	40.0	Open	Top (S5)	13.90	2mm	CW	34.4	0.084	0.783	0.873	0.0873
	Plane B sub-module	6	6	n260	40.0	Closed	Back (S2)	13.90	10mm	CW	35.4	0.086	0.873	1.12	0.112
	Plane B sub-module	5	5	n260	40.0	Closed	Top (S5)	13.90	10mm	CW	25.3	0.063	0.554	0.598	0.0598
	Plane B sub-module	5	5	n260	40.0	Closed	Front (S1)	13.90	10mm	CW	14.8	0.039	0.186	0.207	0.0207
	Plane B sub-module	5	5	n260	40.0	Closed	Front (S1)	13.90	2mm	CW	19.6	0.053	0.315	0.368	0.0368
	Plane B sub-module	6	6	n260	40.0	Closed	Right (S4)	13.90	10mm	CW	19.1	0.051	0.446	0.449	0.0449

Test Number	Antenna Module	H	V	Band	Frequency (GHz)	Mode	Exposure Surface	Input Power limit	Test Separation	Modulation	Epeak [V/m]	Hpeak [A/m]	Measured results Savg inc 4cm ² (W/m ²)	Measured results Savg tot 4cm ² (W/m ²)	Measured results Savg tot 4cm ² (mW/cm ²)
	Plane A sub-module	3	-	n258	24.75	Open	Top (S5)	8.92	2mm	CW	43.7	0.119	1.16	1.36	0.136
	Plane A sub-module	-	3	n258	24.75	Open	Top (S5)	8.92	2mm	CW	42.2	0.089	1.22	1.4	0.14
	Plane A sub-module	3	3	n258	24.75	Open	Top (S5)	8.92	2mm	CW	61.3	0.168	3.01	3.44	0.344
	Plane A sub-module	2	2	n258	24.25	Open	Top (S5)	8.92	2mm	CW	63.5	0.157	2.26	2.76	0.276
03	Plane A sub-module	3	3	n258	25.25	Open	Top (S5)	8.92	2mm	CW	62	0.187	3.09	3.6	0.36
	Plane A sub-module	3	3	n258	25.25	Open	Front (S1)_Visor	8.92	2mm	CW	42.7	0.124	1.26	1.46	0.146
	Plane A sub-module	3	3	n258	25.25	Open	Back (S2)	8.92	2mm	CW	53.2	0.137	2.34	3	0.3
	Plane A sub-module	0	0	n258	25.25	Open	Right (S4)	8.92	2mm	CW	8.79	0.027	0.081	0.087	0.0087
	Plane A sub-module	4	4	n258	25.25	Closed	Top (S5)	8.92	10mm	CW	26	0.069	0.916	0.946	0.0946
	Plane A sub-module	3	3	n258	25.25	Closed	Front (S1)	8.92	10mm	CW	16.6	0.044	0.453	0.499	0.0499
	Plane A sub-module	3	3	n258	25.25	Closed	Front (S1)	8.92	2mm	CW	23	0.063	0.778	0.888	0.0888
	Plane A sub-module	0	0	n258	25.25	Closed	Back (S2)	8.92	10mm	CW	6.51	0.021	0.038	0.049	0.0049
	Plane A sub-module	0	0	n258	25.25	Closed	Right (S4)	8.92	10mm	CW	8.79	0.028	0.12	0.125	0.0125
	Plane B sub-module	4	-	n258	24.75	Open	Front (S1)_Visor	11.86	2mm	CW	40.4	0.101	1.47	1.62	0.162
	Plane B sub-module	-	6	n258	24.75	Open	Front (S1)_Visor	11.86	2mm	CW	41	0.114	1.18	1.49	0.149
	Plane B sub-module	6	6	n258	24.75	Open	Front (S1)_Visor	11.86	2mm	CW	57.5	0.127	2.2	2.61	0.261
	Plane B sub-module	5	5	n258	24.25	Open	Front (S1)_Visor	11.86	2mm	CW	55.4	0.137	2.48	2.93	0.293
	Plane B sub-module	6	6	n258	25.25	Open	Front (S1)_Visor	11.86	2mm	CW	22.9	0.06	0.372	0.466	0.0466
	Plane B sub-module	6	6	n258	24.25	Open	Back (S2)	11.86	2mm	CW	25.5	0.078	0.386	0.43	0.043
	Plane B sub-module	4	4	n258	24.25	Open	Right (S4)	11.86	2mm	CW	8.17	0.025	0.081	0.092	0.0092
	Plane B sub-module	0	0	n258	24.25	Open	Top (S5)	11.86	2mm	CW	44.3	0.094	1.2	1.41	0.141
	Plane B sub-module	5	5	n258	24.25	Closed	Back (S2)	11.86	10mm	CW	46.1	0.111	2.16	2.41	0.241
	Plane B sub-module	5	5	n258	24.25	Closed	Top (S5)	11.86	10mm	CW	17.4	0.047	0.421	0.552	0.0552
	Plane B sub-module	0	0	n258	24.25	Closed	Front (S1)	11.86	10mm	CW	7.92	0.029	0.078	0.085	0.0085
	Plane B sub-module	1	1	n258	24.25	Closed	Front (S1)	11.86	2mm	CW	8.45	0.03	0.087	0.092	0.0092
	Plane B sub-module	1	1	n258	24.25	Closed	Right (S4)	11.86	10mm	CW	10.9	0.033	0.222	0.234	0.0234

11. 5G NR + LTE + WLAN + BT Sim-Tx analysis

In 5G NR + LTE + WLAN + BT simultaneous transmission, 5G NR FR2 and LTE transmission are managed and controlled by Samsung S.LSI TAS feature, while the RF exposure from WLAN and BT radios is managed using legacy approach, i.e., through a fixed power back-off if needed.

Since WLAN and BT do not employ time-averaging, 1gSAR and 10gSAR measurement for WLAN and BT need to be conducted at their corresponding rated power following current FCC test procedures to determine reported SAR values.

TAS managed and controlled for Multi-RATs (5G NR + LTE)

The power ratio factors are g_1 and g_2 for LTE and FR2 respectively. The main purpose of these power ratio factors is to split the available SAR budget among different RATs, so $g_1 + g_2 \leq 1$. The value of g_1 is computed based on the need of the LTE anchor and can be changed if the anchor changes its power request. Based on the SAR Budget portion allocated to the anchor, the value of g_2 will be computed. At steady state (where all RATs are being on for a while), the allocated power ratio factors will guarantee that the total exposure ratio never exceeds the highest exposure of either one.

The reported time-averaged PD is applicable for the worst-surface of the device, and for other surfaces the reported PD is determined as below

1. Calculate ratio of simulated PD for desired surface to simulated PD of worst surface for a given beam
 2. Repeat 1 to obtain ratios for all supported beams, and determine maximum ratio
 3. Repeat 1~2 to obtain the corresponding worst-case PD for other surfaces which are needed for TER analysis.
- *For body-worn and hotspot scenario, if SAR was measured at 15mm and 10mm, respectively, then the worst-case PD at 15mm and 10mm separation distance should be determined per surface as*
 - $15\text{mm_worst-case_PD} = \text{PD_ratio_15mm_to_2mm} * \text{reported time-averaged PD}$
 - $10\text{mm_worst-case_PD} = \text{PD_ratio_10mm_to_2mm} * \text{reported time-averaged PD}$

12. Standalone and Simultaneous-Tx combination

<Closed mode>

Exposure Condition	Tx mode	Capable TX Configurations	WWAN Power ⁽¹⁾	WiFi Power	BT Power
Head	WWAN standalone	WWAN	Index 2		
	WiFi standalone	WiFi 2.4G SISO (Ant3 or Ant4)		Index 2	
		WiFi 2.4G MIMO/CDD (Ant4+3)			
		WiFi 5G/6E MIMO (Ant3+4)			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)			
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G/6E MIMO (Ant3+4)			
	WiFi +BT	WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4)		Index 2	Index 1
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant3)			
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3)			
	WWAN + WiFi	WWAN + WiFi 2.4G SISO (Ant3 or Ant4)		Index 1	
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)			
		WWAN + WiFi 5G/6E MIMO (Ant3+4)			
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)			
	WWAN + BT	WWAN + Bluetooth (Ant4) (BDR/EDR + BLE)	Index 3		Index 1
		WWAN + Bluetooth (Ant3) (BDR/EDR Only)			
		WWAN + Bluetooth (Ant4+3) (BDR/EDR/BLE)			
	WWAN + WiFi +BT	WWAN + WiFi 5G/6E MIMO (Ant3+ Ant4) + Bluetooth (Ant4)		Index 1	Index 1
		WWAN + WiFi 5G/6E MIMO (Ant3+ Ant4) + Bluetooth (Ant3)			
		WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3)			
Body	WWAN standalone	WWAN	Index 5		
	WiFi standalone	WiFi 2.4G SISO (Ant3 or Ant4)		Index 4	
		WiFi 2.4G MIMO/CDD (Ant4+3)			
		WiFi 5G/6E MIMO (Ant3+4)			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)			
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G/6E MIMO (Ant3+4)			
	BT standalone	Bluetooth (Ant4)			Index 4
		Bluetooth (Ant3)			
		Bluetooth (Ant4+3)			
	WiFi +BT	WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4)		Index 5	Index 3
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant3)			
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3)			
	WWAN + WiFi	WWAN + WiFi 2.4G SISO (Ant3 or Ant4)		Index 3	
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)			
		WWAN + WiFi 5G/6E MIMO (Ant3+4)			
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)			
	WWAN + BT	WWAN + Bluetooth (Ant4) (BDR/EDR + BLE)	Index 6 / Index 4 (Hotspot)		Index 3
		WWAN + Bluetooth (Ant3) (BDR/EDR Only)			
		WWAN + Bluetooth (Ant4+3) (BDR/EDR/BLE)			
	WWAN + WiFi +BT	WWAN + WiFi 5G/6E MIMO (Ant3+4) + Bluetooth (Ant4)		Index 3	Index 2
		WWAN + WiFi 5G/6E MIMO (Ant3+4) + Bluetooth (Ant3)			
		WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3)			

<Open mode>

Exposure Condition	Tx mode	Capable TX Configurations	WWAN Power ⁽¹⁾	WiFi Power	BT Power
Head	WWAN standalone	WWAN	Index 7		
	WiFi standalone	WiFi 2.4G SISO (Ant3 or Ant4)		Index 7	
		WiFi 2.4G MIMO/CDD (Ant4+3)			
		WiFi 5G/6E MIMO (Ant3+4)			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)			
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G/6E MIMO (Ant3+4)			
	WiFi +BT	WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4)		Index 7	Index 5
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant3)			
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3)			
	WWAN + WiFi	WWAN + WiFi 2.4G SISO (Ant3 or Ant4)		Index 6	
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)			
		WWAN + WiFi 5G/6E MIMO (Ant3+4)			
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)			
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G/6E MIMO (Ant3+4)			
	WWAN + BT	WWAN + Bluetooth (Ant4) (BDR/EDR + BLE)			Index 5
		WWAN + Bluetooth (Ant3) (BDR/EDR Only)			
		WWAN + Bluetooth (Ant4+3) (BDR/EDR/BLE)			
	WWAN + WiFi +BT	WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4)		Index 6	Index 5
		WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant3)			
		WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3)			
Body	WWAN standalone	WWAN	Index 10		
	WiFi standalone	WiFi 2.4G SISO (Ant3 or Ant4)		Index 9	
		WiFi 2.4G MIMO/CDD (Ant4+3)			
		WiFi 5G/6E MIMO (Ant3+4)			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)			
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G/6E MIMO (Ant3+4)			
	BT standalone	Bluetooth (Ant4)			Index 8
		Bluetooth (Ant3)			
		Bluetooth (Ant4+3)			
	WiFi +BT	WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4)		Index 10	Index 7
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant3)			
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3)			
	WWAN + WiFi	WWAN + WiFi 2.4G SISO (Ant3 or Ant4)		Index 8	
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3)			
		WWAN + WiFi 5G/6E MIMO (Ant3+4)			
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)			
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G/6E MIMO (Ant3+4)			
	WWAN + BT	WWAN + Bluetooth (Ant4) (BDR/EDR + BLE)			Index 7
		WWAN + Bluetooth (Ant3) (BDR/EDR Only)			
		WWAN + Bluetooth (Ant4+3) (BDR/EDR/BLE)			
	WWAN + WiFi +BT	WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4)		Index 8	Index 6
		WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant3)			
		WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3)			

Exposure Condition	Tx mode	Capable TX Configurations	WWAN Power ⁽¹⁾	WiFi Power	BT Power
Extremity	WWAN standalone / WWAN+ NFC	WWAN / WWAN + NFC	Index 10		
	WiFi standalone / WLAN + NFC	WiFi 2.4G SISO (Ant3 or Ant4) / WiFi 2.4G SISO (Ant3 or Ant4)+ NFC		Index 9	
		WiFi 2.4G MIMO/CDD (Ant4+3) / WiFi 2.4G MIMO/CDD (Ant4+3) + NFC			
		WiFi 5G/6E MIMO (Ant3+4) / WiFi 5G/6E MIMO (Ant3+4) + NFC			
		WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4) / WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4)+ NFC			
		WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G/6E MIMO (Ant3+4) / WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G/6E MIMO (Ant3+4) + NFC			
	BT standalone / Bluetooth + NFC	Bluetooth (Ant4) / Bluetooth (Ant4) + NFC			Index 8
		Bluetooth (Ant3) / Bluetooth (Ant3) + NFC			
		Bluetooth (Ant4+3) / Bluetooth (Ant4+3) + NFC			
	NFC standalone	NFC			
	WiFi +BT + NFC	WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4) + NFC		Index 10	Index 7
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant3) + NFC			
		WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3) + NFC			
	WWAN + WiFi + NFC	WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + NFC	Index 11 / Index 9 (Hotspot)	Index 8	
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + NFC			
		WWAN + WiFi 5G/6E MIMO (Ant3+4) + NFC			
		WWAN + WiFi 2.4G SISO (Ant3 or Ant4) + WiFi 5G/6E MIMO (Ant3+4) + NFC			
		WWAN + WiFi 2.4G MIMO/CDD (Ant4+3) + WiFi 5G/6E MIMO (Ant3+4) + NFC			
	WWAN + BT +NFC	WWAN + Bluetooth (Ant4) (BDR/EDR + BLE) + NFC			Index 7
		WWAN + Bluetooth (Ant3) (BDR/EDR Only) + NFC			
		WWAN + Bluetooth (Ant4+3) (BDR/EDR/BLE) + NFC			
	WWAN + WiFi + BT + NFC	WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4) + NFC		Index 8	Index 6
		WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant3) + NFC			
		WWAN + WiFi 5G/6E MIMO (Ant3+Ant4) + Bluetooth (Ant4+3) + NFC			

General Note:

- The FR2 output power is fixed power level regardless of use cases.
- Simultaneous operation at maximum power levels when the device is neither against the body nor the head (i.e. in a mobile RF exposure condition) is addressed in Sporton's RF Exposure report FA262403-04A
- The WLAN and Bluetooth SAR test results, referenced from the report of FCC ID: A4RG9FPL (Sporton SAR Report No. FA262403-04D).
- The Sim-Tx configuration combination include in operation description will be match the title in the below Sum-Tx evaluation table
- For LTE+5G NR+WiFi+BT, due to the TAS control, simultaneous transmission compliance can be assessed on LTE+WiFi/BT and 5G NR +WiFi/BT, and the validation of the time-averaging algorithm and compliance under the Tx varying transmission scenario for WWAN technologies are reported in Part 2 report. For 5G NR FR2 with WiFi, total exposure ratio is calculated as below formula, LTE/FR1 + WIFI simultaneous transmission analysis referring from the report of FCC ID: A4RG9FPL (Sporton SAR Report No. FA262403-04D).

The $\sum$ of (the highest measured or estimated SAR for each standalone antenna configuration, adjusted for maximum tune-up tolerance) / 1.6 or 4.0 W/kg] + $\sum$ of MPE ratios] is $\leq$ 1.0.

12.1 Simultaneous transmission analysis for WiFi/BT + 5G NR

*Ratio is highest ratio of (PD on desired exposure plane) / (PD on worst-surface) out of all beams and out of all channels illustrated in Power Density Simulation Report.

<Closed mode>

NR Band	Antenna Module	Exposure condition	Exposure Surface		Evaluation	Ratio*	PD_Design Target +Total uncertainty (W/m ²)	PD_Design Target +Total uncertainty)*Ratio (W/m ²)
					Distance			
					(mm)			
n258	Plane A sub-module	Head	Front Surface	S1	2 mm	0.39	7.5	2.94
n258	Plane B sub-module		Front Surface	S1	2 mm	0.03	7.5	0.25
n260	Plane A sub-module		Front Surface	S1	2 mm	0.30	7.5	2.24
n260	Plane B sub-module		Front Surface	S1	2 mm	0.09	7.5	0.70
n261	Plane A sub-module		Front Surface	S1	2 mm	0.36	7.5	2.72
n261	Plane B sub-module		Front Surface	S1	2 mm	0.03	7.5	0.21

NR Band	Antenna Module	Exposure condition	Exposure Surface		Evaluation	Ratio*	PD_Design Target +Total uncertainty (W/m ²)	PD_Design Target +Total uncertainty)*Ratio (W/m ²)
					Distance			
					(mm)			
n258	Plane A sub-module	Body Worn/Hotspot	worst-surface		10 mm	0.54	7.5	4.06
n258	Plane B sub-module		worst-surface		10 mm	0.68	7.5	5.11
n260	Plane A sub-module		worst-surface		10 mm	0.70	7.5	5.27
n260	Plane B sub-module		worst-surface		10 mm	0.73	7.5	5.48
n261	Plane A sub-module		worst-surface		10 mm	0.58	7.5	4.37
n261	Plane B sub-module		worst-surface		10 mm	0.80	7.5	5.97

<Open mode>

NR Band	Antenna Module	Exposure condition	Exposure Surface		Evaluation	Ratio*	PD_Design Target +Total uncertainty	PD_Design Target +Total uncertainty)*Ratio
					Distance			
					(mm)		(W/m^2)	(W/m^2)
n258	Plane A sub-module	Extremity	Front Surface	S1	2 mm	0.99	7.5	7.42
			Back Surface	S2	2 mm	0.91	7.5	6.86
			Right side	S4	2 mm	0.08	7.5	0.62
			Left side	S3	2 mm	Excluded		
			Top side	S5	2 mm	1.00	7.5	7.50
			Bottom side	S6	2 mm	Excluded		
n258	Plane B sub-module		Front Surface	S1	2 mm	1.00	7.5	7.50
			Back Surface	S2	2 mm	0.14	7.5	1.05
			Right side	S4	2 mm	0.055	7.5	0.42
			Left side	S3	2 mm	Excluded		
			Top side	S5	2 mm	0.409	7.5	3.07
			Bottom side	S6	2 mm	Excluded		
n260	Plane A sub-module		Front Surface	S1	2 mm	0.69	7.5	5.17
			Back Surface	S2	2 mm	0.80	7.5	5.97
			Right side	S4	2 mm	0.10	7.5	0.78
			Left side	S3	2 mm	Excluded		
			Top side	S5	2 mm	1.00	7.5	7.50
			Bottom side	S6	2 mm	Excluded		
n260	Plane B sub-module		Front Surface	S1	2 mm	1.00	7.5	7.50
			Back Surface	S2	2 mm	0.30	7.5	2.27
			Right side	S4	2 mm	0.12	7.5	0.89
			Left side	S3	2 mm	Excluded		
			Top side	S5	2 mm	0.57	7.5	4.24
			Bottom side	S6	2 mm	Excluded		
n261	Plane A sub-module		Front Surface	S1	2 mm	0.87	7.5	6.55
			Back Surface	S2	2 mm	0.87	7.5	6.52
			Right side	S4	2 mm	0.08	7.5	0.63
			Left side	S3	2 mm	Excluded		
			Top side	S5	2 mm	1.00	7.5	7.50
			Bottom side	S6	2 mm	Excluded		
n261	Plane B sub-module		Front Surface	S1	2 mm	1.00	7.5	7.50
			Back Surface	S2	2 mm	0.12	7.5	0.87
			Right side	S4	2 mm	0.06	7.5	0.46
			Left side	S3	2 mm	Excluded		
			Top side	S5	2 mm	0.49	7.5	3.68
			Bottom side	S6	2 mm	Excluded		

NR Band	Antenna Module	Exposure condition	Exposure Surface		Evaluation	Ratio*	PD_Design Target +Total uncertainty (W/m ²)	PD_Design Target +Total uncertainty)*Ratio (W/m ²)
					Distance			
					(mm)			
n258	Plane A sub-module	Head	Front Surface	S1	2 mm	0.99	7.5	7.42
n258	Plane B sub-module		Front Surface	S1	2 mm	1.00	7.5	7.50
n260	Plane A sub-module		Front Surface	S1	2 mm	0.69	7.5	5.17
n260	Plane B sub-module		Front Surface	S1	2 mm	1.00	7.5	7.50
n261	Plane A sub-module		Front Surface	S1	2mm	0.87	7.5	6.55
n261	Plane B sub-module		Front Surface	S1	2 mm	1.00	7.5	7.50

NR Band	Antenna Module	Exposure condition	Exposure Surface		Evaluation	Ratio*	PD_Design Target +Total uncertainty (W/m ²)	PD_Design Target +Total uncertainty)*Ratio (W/m ²)
					Distance			
					(mm)			
n258	Plane A sub-module	Body Worn/Hotspot	worst-surface		10 mm	0.57	7.5	4.31
n258	Plane B sub-module		worst-surface		10 mm	0.69	7.5	5.17
n260	Plane A sub-module		worst-surface		10 mm	0.75	7.5	5.60
n260	Plane B sub-module		worst-surface		10 mm	0.68	7.5	5.14
n261	Plane A sub-module		worst-surface		10 mm	0.58	7.5	4.35
n261	Plane B sub-module		worst-surface		10 mm	0.81	7.5	6.11



<Head Exposure Condition>

<Closed mode>

<5G NR FR2, WLAN Index 1, BT Index 1>

FR2 Band	Exposure Position	1	2	3	4	5	6	7	8	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio					
		Maximum FR2 4cm ² (W/m ²)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)	1+2 Summed	1+3 Summed	1+4 Summed	1+5+6 Summed	1+5+7 Summed	1+5+8 Summed
FR2 n258_Plane A	Right Cheek	2.940	0.411	0.122	0.107	0.180	0.220	0.079	0.217	0.551	0.370	0.361	0.544	0.456	0.542
	Right Tilted	2.940	0.453	0.065	0.147	0.283	0.236	0.038	0.234	0.577	0.335	0.386	0.618	0.495	0.617
	Left Cheek	2.940	0.543	0.164	0.215	0.299	0.270	0.101	0.282	0.633	0.397	0.428	0.650	0.544	0.657
	Left Tilted	2.940	0.000	0.068	0.001	0.212	0.297	0.054	0.256	0.294	0.337	0.295	0.612	0.460	0.587
FR2 n258_Plane B	Right Cheek	0.250	0.411	0.122	0.107	0.180	0.220	0.079	0.217	0.282	0.101	0.092	0.275	0.187	0.273
	Right Tilted	0.250	0.453	0.065	0.147	0.283	0.236	0.038	0.234	0.308	0.066	0.117	0.349	0.226	0.348
	Left Cheek	0.250	0.543	0.164	0.215	0.299	0.270	0.101	0.282	0.364	0.128	0.159	0.381	0.275	0.388
	Left Tilted	0.250	0.000	0.068	0.001	0.212	0.297	0.054	0.256	0.025	0.068	0.026	0.343	0.191	0.318
FR2 n260_Plane A	Right Cheek	2.240	0.411	0.122	0.107	0.180	0.220	0.079	0.217	0.481	0.300	0.291	0.474	0.386	0.472
	Right Tilted	2.240	0.453	0.065	0.147	0.283	0.236	0.038	0.234	0.507	0.265	0.316	0.548	0.425	0.547
	Left Cheek	2.240	0.543	0.164	0.215	0.299	0.270	0.101	0.282	0.563	0.327	0.358	0.580	0.474	0.587
	Left Tilted	2.240	0.000	0.068	0.001	0.212	0.297	0.054	0.256	0.224	0.267	0.225	0.542	0.390	0.517
FR2 n260_Plane B	Right Cheek	0.700	0.411	0.122	0.107	0.180	0.220	0.079	0.217	0.327	0.146	0.137	0.320	0.232	0.318
	Right Tilted	0.700	0.453	0.065	0.147	0.283	0.236	0.038	0.234	0.353	0.111	0.162	0.394	0.271	0.393
	Left Cheek	0.700	0.543	0.164	0.215	0.299	0.270	0.101	0.282	0.409	0.173	0.204	0.426	0.320	0.433
	Left Tilted	0.700	0.000	0.068	0.001	0.212	0.297	0.054	0.256	0.070	0.113	0.071	0.388	0.236	0.363
FR2 n261_Plane A	Right Cheek	2.720	0.411	0.122	0.107	0.180	0.220	0.079	0.217	0.529	0.348	0.339	0.522	0.434	0.520
	Right Tilted	2.720	0.453	0.065	0.147	0.283	0.236	0.038	0.234	0.555	0.313	0.364	0.596	0.473	0.595
	Left Cheek	2.720	0.543	0.164	0.215	0.299	0.270	0.101	0.282	0.611	0.375	0.406	0.628	0.522	0.635
	Left Tilted	2.720	0.000	0.068	0.001	0.212	0.297	0.054	0.256	0.272	0.315	0.273	0.590	0.438	0.565
FR2 n261_Plane B	Right Cheek	0.210	0.411	0.122	0.107	0.180	0.220	0.079	0.217	0.278	0.097	0.088	0.271	0.183	0.269
	Right Tilted	0.210	0.453	0.065	0.147	0.283	0.236	0.038	0.234	0.304	0.062	0.113	0.345	0.222	0.344
	Left Cheek	0.210	0.543	0.164	0.215	0.299	0.270	0.101	0.282	0.360	0.124	0.155	0.377	0.271	0.384
	Left Tilted	0.210	0.000	0.068	0.001	0.212	0.297	0.054	0.256	0.021	0.064	0.022	0.339	0.187	0.314

<Closed mode>

<5GNR FR2, WLAN Index 1 (RSDB)>

FR2 Band	Exposure Position	1	2	3	4	5	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio		
		Maximum FR2	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4	1+2+5 Summed	1+3+5 Summed	1+4+5 Summed
		4cm ² (W/m ²)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
FR2 n258_Plane A	Right Cheek	2.940	0.175	0.122	0.053	0.180	0.516	0.483	0.440
	Right Tilted	2.940	0.192	0.065	0.069	0.283	0.591	0.512	0.514
	Left Cheek	2.940	0.232	0.164	0.103	0.299	0.626	0.583	0.545
	Left Tilted	2.940	0.000	0.068	0.002	0.212	0.427	0.469	0.428
FR2 n258_Plane B	Right Cheek	0.250	0.175	0.122	0.053	0.180	0.247	0.214	0.171
	Right Tilted	0.250	0.192	0.065	0.069	0.283	0.322	0.243	0.245
	Left Cheek	0.250	0.232	0.164	0.103	0.299	0.357	0.314	0.276
	Left Tilted	0.250	0.000	0.068	0.002	0.212	0.158	0.200	0.159
FR2 n260_Plane A	Right Cheek	2.240	0.175	0.122	0.053	0.180	0.446	0.413	0.370
	Right Tilted	2.240	0.192	0.065	0.069	0.283	0.521	0.442	0.444
	Left Cheek	2.240	0.232	0.164	0.103	0.299	0.556	0.513	0.475
	Left Tilted	2.240	0.000	0.068	0.002	0.212	0.357	0.399	0.358
FR2 n260_Plane B	Right Cheek	0.700	0.175	0.122	0.053	0.180	0.292	0.259	0.216
	Right Tilted	0.700	0.192	0.065	0.069	0.283	0.367	0.288	0.290
	Left Cheek	0.700	0.232	0.164	0.103	0.299	0.402	0.359	0.321
	Left Tilted	0.700	0.000	0.068	0.002	0.212	0.203	0.245	0.204
FR2 n261_Plane A	Right Cheek	2.720	0.175	0.122	0.053	0.180	0.494	0.461	0.418
	Right Tilted	2.720	0.192	0.065	0.069	0.283	0.569	0.490	0.492
	Left Cheek	2.720	0.232	0.164	0.103	0.299	0.604	0.561	0.523
	Left Tilted	2.720	0.000	0.068	0.002	0.212	0.405	0.447	0.406
FR2 n261_Plane B	Right Cheek	0.210	0.175	0.122	0.053	0.180	0.243	0.210	0.167
	Right Tilted	0.210	0.192	0.065	0.069	0.283	0.318	0.239	0.241
	Left Cheek	0.210	0.232	0.164	0.103	0.299	0.353	0.310	0.272
	Left Tilted	0.210	0.000	0.068	0.002	0.212	0.154	0.196	0.155

<Closed mode>

<5GNR FR2, BT Index 1>

FR2 Band	Exposure Position	1	2	3	4	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio		
		Maximum FR2	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4	1+2 Summed	1+3 Summed	1+4 Summed
		4cm ² (W/m ²)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
FR2 n258_Plane A	Right Cheek	2.940	0.220	0.079	0.217	0.432	0.343	0.430
	Right Tilted	2.940	0.236	0.038	0.234	0.442	0.318	0.440
	Left Cheek	2.940	0.270	0.101	0.282	0.463	0.357	0.470
	Left Tilted	2.940	0.297	0.054	0.256	0.480	0.328	0.454
FR2 n258_Plane B	Right Cheek	0.250	0.220	0.079	0.217	0.163	0.074	0.161
	Right Tilted	0.250	0.236	0.038	0.234	0.173	0.049	0.171
	Left Cheek	0.250	0.270	0.101	0.282	0.194	0.088	0.201
	Left Tilted	0.250	0.297	0.054	0.256	0.211	0.059	0.185
FR2 n260_Plane A	Right Cheek	2.240	0.220	0.079	0.217	0.362	0.273	0.360
	Right Tilted	2.240	0.236	0.038	0.234	0.372	0.248	0.370
	Left Cheek	2.240	0.270	0.101	0.282	0.393	0.287	0.400
	Left Tilted	2.240	0.297	0.054	0.256	0.410	0.258	0.384
FR2 n260_Plane B	Right Cheek	0.700	0.220	0.079	0.217	0.208	0.119	0.206
	Right Tilted	0.700	0.236	0.038	0.234	0.218	0.094	0.216
	Left Cheek	0.700	0.270	0.101	0.282	0.239	0.133	0.246
	Left Tilted	0.700	0.297	0.054	0.256	0.256	0.104	0.230
FR2 n261_Plane A	Right Cheek	2.720	0.220	0.079	0.217	0.410	0.321	0.408
	Right Tilted	2.720	0.236	0.038	0.234	0.420	0.296	0.418
	Left Cheek	2.720	0.270	0.101	0.282	0.441	0.335	0.448
	Left Tilted	2.720	0.297	0.054	0.256	0.458	0.306	0.432
FR2 n261_Plane B	Right Cheek	0.210	0.220	0.079	0.217	0.159	0.070	0.157
	Right Tilted	0.210	0.236	0.038	0.234	0.169	0.045	0.167
	Left Cheek	0.210	0.270	0.101	0.282	0.190	0.084	0.197
	Left Tilted	0.210	0.297	0.054	0.256	0.207	0.055	0.181



<Hotspot Exposure Condition>

<Closed mode>

<5G NR FR2, WLAN Index 3, BT Index 2>

FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio					
		Maximum FR2	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5GHz Ant 3+4	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4	1+2	1+3	1+4	1+5+6	1+5+7	1+5+8
		4cm ² (W/m ²)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Summed	Summed	Summed	Summed	Summed	Summed
FR2 n258_Plane A	Front	4.060	0.193	0.065	0.084	0.132	0.051	0.010	0.052	0.527	0.447	0.458	0.520	0.495	0.521
	Back	4.060	0.530	0.352	0.506	0.378	0.149	0.142	0.194	0.737	0.626	0.722	0.735	0.731	0.763
	Left side	4.060	0.045	0.001	0.021	0.072	0.017	0.001	0.016	0.434	0.407	0.419	0.462	0.452	0.461
	Right side	4.060	0.049	0.418	0.275	0.146	0.001	0.171	0.152	0.437	0.667	0.578	0.498	0.604	0.592
	Top side	4.060	0.216	0.001	0.158	0.395	0.075	0.001	0.172	0.541	0.407	0.505	0.700	0.653	0.760
FR2 n258_Plane B	Front	5.110	0.193	0.065	0.084	0.132	0.051	0.010	0.052	0.632	0.552	0.564	0.625	0.600	0.626
	Back	5.110	0.530	0.352	0.506	0.378	0.149	0.142	0.194	0.842	0.731	0.827	0.840	0.836	0.869
	Left side	5.110	0.045	0.001	0.021	0.072	0.017	0.001	0.016	0.539	0.512	0.524	0.567	0.557	0.566
	Right side	5.110	0.049	0.418	0.275	0.146	0.001	0.171	0.152	0.542	0.772	0.683	0.603	0.709	0.697
	Top side	5.110	0.216	0.001	0.158	0.395	0.075	0.001	0.172	0.646	0.512	0.610	0.805	0.759	0.865
FR2 n260_Plane A	Front	5.270	0.193	0.065	0.084	0.132	0.051	0.010	0.052	0.648	0.568	0.580	0.641	0.616	0.642
	Back	5.270	0.530	0.352	0.506	0.378	0.149	0.142	0.194	0.858	0.747	0.843	0.856	0.852	0.885
	Left side	5.270	0.045	0.001	0.021	0.072	0.017	0.001	0.016	0.555	0.528	0.540	0.583	0.573	0.582
	Right side	5.270	0.049	0.418	0.275	0.146	0.001	0.171	0.152	0.558	0.788	0.699	0.619	0.725	0.713
	Top side	5.270	0.216	0.001	0.158	0.395	0.075	0.001	0.172	0.662	0.528	0.626	0.821	0.775	0.881
FR2 n260_Plane B	Front	5.480	0.193	0.065	0.084	0.132	0.051	0.010	0.052	0.669	0.589	0.601	0.662	0.637	0.663
	Back	5.480	0.530	0.352	0.506	0.378	0.149	0.142	0.194	0.879	0.768	0.864	0.877	0.873	0.906
	Left side	5.480	0.045	0.001	0.021	0.072	0.017	0.001	0.016	0.576	0.549	0.561	0.604	0.594	0.603
	Right side	5.480	0.049	0.418	0.275	0.146	0.001	0.171	0.152	0.579	0.809	0.720	0.640	0.746	0.734
	Top side	5.480	0.216	0.001	0.158	0.395	0.075	0.001	0.172	0.683	0.549	0.647	0.842	0.796	0.902
FR2 n261_Plane A	Front	4.370	0.193	0.065	0.084	0.132	0.051	0.010	0.052	0.558	0.478	0.490	0.551	0.526	0.552
	Back	4.370	0.530	0.352	0.506	0.378	0.149	0.142	0.194	0.768	0.657	0.753	0.766	0.762	0.795
	Left side	4.370	0.045	0.001	0.021	0.072	0.017	0.001	0.016	0.465	0.438	0.450	0.493	0.483	0.492
	Right side	4.370	0.049	0.418	0.275	0.146	0.001	0.171	0.152	0.468	0.698	0.609	0.529	0.635	0.623
	Top side	4.370	0.216	0.001	0.158	0.395	0.075	0.001	0.172	0.572	0.438	0.536	0.731	0.685	0.791
FR2 n261_Plane B	Front	5.970	0.193	0.065	0.084	0.132	0.051	0.010	0.052	0.718	0.638	0.650	0.711	0.686	0.712
	Back	5.970	0.530	0.352	0.506	0.378	0.149	0.142	0.194	0.928	0.817	0.913	0.926	0.922	0.955
	Left side	5.970	0.045	0.001	0.021	0.072	0.017	0.001	0.016	0.625	0.598	0.610	0.653	0.643	0.652
	Right side	5.970	0.049	0.418	0.275	0.146	0.001	0.171	0.152	0.628	0.858	0.769	0.689	0.795	0.783
	Top side	5.970	0.216	0.001	0.158	0.395	0.075	0.001	0.172	0.732	0.598	0.696	0.891	0.845	0.951

<Closed mode>

<5GNR FR2, WLAN Index 3 (RSDB)>

FR2 Band	Exposure Position	1	2	3	4	5	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio		
		Maximum FR2 4cm ² (W/m ²)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5GHz Ant 3+4 1g SAR (W/kg)	1+2+5 Summed	1+3+5 Summed	1+4+5 Summed
FR2 n258_Plane A	Front	4.060	0.111	0.046	0.066	0.132	0.558	0.517	0.530
	Back	4.060	0.274	0.252	0.286	0.297	0.763	0.749	0.770
	Left side	4.060	0.024	0.001	0.006	0.048	0.451	0.437	0.440
	Right side	4.060	0.026	0.311	0.220	0.133	0.505	0.683	0.627
	Top side	4.060	0.116	0.001	0.060	0.297	0.664	0.592	0.629
FR2 n258_Plane B	Front	5.110	0.111	0.046	0.066	0.132	0.663	0.622	0.635
	Back	5.110	0.274	0.252	0.286	0.297	0.868	0.854	0.875
	Left side	5.110	0.024	0.001	0.006	0.048	0.556	0.542	0.545
	Right side	5.110	0.026	0.311	0.220	0.133	0.610	0.789	0.732
	Top side	5.110	0.116	0.001	0.060	0.297	0.769	0.697	0.734
FR2 n260_Plane A	Front	5.270	0.111	0.046	0.066	0.132	0.679	0.638	0.651
	Back	5.270	0.274	0.252	0.286	0.297	0.884	0.870	0.891
	Left side	5.270	0.024	0.001	0.006	0.048	0.572	0.558	0.561
	Right side	5.270	0.026	0.311	0.220	0.133	0.626	0.805	0.748
	Top side	5.270	0.116	0.001	0.060	0.297	0.785	0.713	0.750
FR2 n260_Plane B	Front	5.480	0.111	0.046	0.066	0.132	0.700	0.659	0.672
	Back	5.480	0.274	0.252	0.286	0.297	0.905	0.891	0.912
	Left side	5.480	0.024	0.001	0.006	0.048	0.593	0.579	0.582
	Right side	5.480	0.026	0.311	0.220	0.133	0.647	0.826	0.769
	Top side	5.480	0.116	0.001	0.060	0.297	0.806	0.734	0.771
FR2 n261_Plane A	Front	4.370	0.111	0.046	0.066	0.132	0.589	0.548	0.561
	Back	4.370	0.274	0.252	0.286	0.297	0.794	0.780	0.801
	Left side	4.370	0.024	0.001	0.006	0.048	0.482	0.468	0.471
	Right side	4.370	0.026	0.311	0.220	0.133	0.536	0.715	0.658
	Top side	4.370	0.116	0.001	0.060	0.297	0.695	0.623	0.660
FR2 n261_Plane B	Front	5.970	0.111	0.046	0.066	0.132	0.749	0.708	0.721
	Back	5.970	0.274	0.252	0.286	0.297	0.954	0.940	0.961
	Left side	5.970	0.024	0.001	0.006	0.048	0.642	0.628	0.631
	Right side	5.970	0.026	0.311	0.220	0.133	0.696	0.875	0.818
	Top side	5.970	0.116	0.001	0.060	0.297	0.855	0.783	0.820

<Closed mode>

<5GNR FR2, BT Index 3>

FR1 Band	Exposure Position	1	2	3	4	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio		
		Maximum FR2 4cm ² (W/m ²)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)	1+2 Summed	1+3 Summed	1+4 Summed
FR2 n258_Plane A	Front	4.060	0.132	0.019	0.067	0.488	0.418	0.448
	Back	4.060	0.323	0.282	0.240	0.608	0.582	0.556
	Left side	4.060	0.033	0.001	0.020	0.427	0.407	0.418
	Right side	4.060	0.002	0.297	0.256	0.407	0.592	0.566
	Top side	4.060	0.168	0.001	0.218	0.511	0.407	0.542
FR2 n258_Plane B	Front	5.110	0.132	0.019	0.067	0.594	0.523	0.553
	Back	5.110	0.323	0.282	0.240	0.713	0.687	0.661
	Left side	5.110	0.033	0.001	0.020	0.532	0.512	0.524
	Right side	5.110	0.002	0.297	0.256	0.512	0.697	0.671
	Top side	5.110	0.168	0.001	0.218	0.616	0.512	0.647
FR2 n260_Plane A	Front	5.270	0.132	0.019	0.067	0.610	0.539	0.569
	Back	5.270	0.323	0.282	0.240	0.729	0.703	0.677
	Left side	5.270	0.033	0.001	0.020	0.548	0.528	0.540
	Right side	5.270	0.002	0.297	0.256	0.528	0.713	0.687
	Top side	5.270	0.168	0.001	0.218	0.632	0.528	0.663
FR2 n260_Plane B	Front	5.480	0.132	0.019	0.067	0.631	0.560	0.590
	Back	5.480	0.323	0.282	0.240	0.750	0.724	0.698
	Left side	5.480	0.033	0.001	0.020	0.569	0.549	0.561
	Right side	5.480	0.002	0.297	0.256	0.549	0.734	0.708
	Top side	5.480	0.168	0.001	0.218	0.653	0.549	0.684
FR2 n261_Plane A	Front	4.370	0.132	0.019	0.067	0.520	0.449	0.479
	Back	4.370	0.323	0.282	0.240	0.639	0.613	0.587
	Left side	4.370	0.033	0.001	0.020	0.458	0.438	0.450
	Right side	4.370	0.002	0.297	0.256	0.438	0.623	0.597
	Top side	4.370	0.168	0.001	0.218	0.542	0.438	0.573
FR2 n261_Plane B	Front	5.970	0.132	0.019	0.067	0.680	0.609	0.639
	Back	5.970	0.323	0.282	0.240	0.799	0.773	0.747
	Left side	5.970	0.033	0.001	0.020	0.618	0.598	0.610
	Right side	5.970	0.002	0.297	0.256	0.598	0.783	0.757
	Top side	5.970	0.168	0.001	0.218	0.702	0.598	0.733

<Body-Worn Exposure Condition>

<Closed mode>

<5G NR FR2, WLAN Index 3, BT Index 2>

FR1 Band	Exposure Position	1	2	3	4	5	6	7	8	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio					
		Maximum FR2 4cm ² (W/m ²)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)	1+2 Summed	1+3 Summed	1+4 Summed	1+5+6 Summed	1+5+7 Summed	1+5+8 Summed
FR2 n258_Plane A	Front	4.060	0.193	0.065	0.084	0.133	0.051	0.010	0.052	0.527	0.447	0.459	0.521	0.495	0.522
	Back	4.060	0.530	0.352	0.506	0.378	0.149	0.142	0.194	0.737	0.626	0.722	0.735	0.731	0.764
FR2 n258_Plane B	Front	5.110	0.193	0.065	0.084	0.133	0.051	0.010	0.052	0.632	0.552	0.564	0.626	0.600	0.627
	Back	5.110	0.530	0.352	0.506	0.378	0.149	0.142	0.194	0.842	0.731	0.827	0.840	0.836	0.869
FR2 n260_Plane A	Front	5.270	0.193	0.065	0.084	0.133	0.051	0.010	0.052	0.648	0.568	0.580	0.642	0.616	0.643
	Back	5.270	0.530	0.352	0.506	0.378	0.149	0.142	0.194	0.858	0.747	0.843	0.856	0.852	0.885
FR2 n260_Plane B	Front	5.480	0.193	0.065	0.084	0.133	0.051	0.010	0.052	0.669	0.589	0.601	0.663	0.637	0.664
	Back	5.480	0.530	0.352	0.506	0.378	0.149	0.142	0.194	0.879	0.768	0.864	0.877	0.873	0.906
FR2 n261_Plane A	Front	4.370	0.193	0.065	0.084	0.133	0.051	0.010	0.052	0.558	0.478	0.490	0.552	0.526	0.553
	Back	4.370	0.530	0.352	0.506	0.378	0.149	0.142	0.194	0.768	0.657	0.753	0.766	0.762	0.795
FR2 n261_Plane B	Front	5.970	0.193	0.065	0.084	0.133	0.051	0.010	0.052	0.718	0.638	0.650	0.712	0.686	0.713
	Back	5.970	0.530	0.352	0.506	0.378	0.149	0.142	0.194	0.928	0.817	0.913	0.926	0.922	0.955

<Closed mode>

<5G NR FR2, WLAN Index 3 (RSDB)>

FR2 Band	Exposure Position	1	2	3	4	5	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio		
		Maximum FR2 4cm ² (W/m ²)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	1+2+5 Summed	1+3+5 Summed	1+4+5 Summed
FR2 n258_Plane A	Front	4.060	0.111	0.046	0.066	0.133	0.559	0.518	0.530
	Back	4.060	0.274	0.252	0.286	0.297	0.763	0.749	0.770
FR2 n258_Plane B	Front	5.110	0.111	0.046	0.066	0.133	0.664	0.623	0.635
	Back	5.110	0.274	0.252	0.286	0.297	0.868	0.854	0.875
FR2 n260_Plane A	Front	5.270	0.111	0.046	0.066	0.133	0.680	0.639	0.651
	Back	5.270	0.274	0.252	0.286	0.297	0.884	0.870	0.891
FR2 n260_Plane B	Front	5.480	0.111	0.046	0.066	0.133	0.701	0.660	0.672
	Back	5.480	0.274	0.252	0.286	0.297	0.905	0.891	0.912
FR2 n261_Plane A	Front	4.370	0.111	0.046	0.066	0.133	0.590	0.549	0.561
	Back	4.370	0.274	0.252	0.286	0.297	0.794	0.780	0.801
FR2 n261_Plane B	Front	5.970	0.111	0.046	0.066	0.133	0.750	0.709	0.721
	Back	5.970	0.274	0.252	0.286	0.297	0.954	0.940	0.961

<Closed mode>

<5G NR FR2, BT Index 3>

FR1 Band	Exposure Position	1	2	3	4	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio		
		Maximum FR2	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4	1+2 Summed	1+3 Summed	1+4 Summed
		4cm ² (W/m ²)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
FR2 n258_Plane A	Front	4.060	0.132	0.019	0.067	0.489	0.418	0.448
	Back	4.060	0.323	0.282	0.240	0.608	0.582	0.556
FR2 n258_Plane B	Front	5.110	0.132	0.019	0.067	0.594	0.523	0.553
	Back	5.110	0.323	0.282	0.240	0.713	0.687	0.661
FR2 n260_Plane A	Front	5.270	0.132	0.019	0.067	0.610	0.539	0.569
	Back	5.270	0.323	0.282	0.240	0.729	0.703	0.677
FR2 n260_Plane B	Front	5.480	0.132	0.019	0.067	0.631	0.560	0.590
	Back	5.480	0.323	0.282	0.240	0.750	0.724	0.698
FR2 n261_Plane A	Front	4.370	0.132	0.019	0.067	0.520	0.449	0.479
	Back	4.370	0.323	0.282	0.240	0.639	0.613	0.587
FR2 n261_Plane B	Front	5.970	0.132	0.019	0.067	0.680	0.609	0.639
	Back	5.970	0.323	0.282	0.240	0.799	0.773	0.747



<Head Exposure Condition>

<Open mode>

<5G NR FR2, WLAN Index 6, BT Index 5>

FR2 Band	Exposure Position	1	2	3	4	5	6	7	8	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio					
		Maximum FR2 4cm ² (W/m ²)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)	1+2 Summed	1+3 Summed	1+4 Summed	1+5+6 Summed	1+5+7 Summed	1+5+8 Summed
FR2 n258_Plane A	Right Cheek	7.42	0.319	0.381	0.317	0.195	0.109	0.148	0.143	0.941	0.980	0.940	0.932	0.956	0.953
	Right Tilted	7.42	0.208	0.147	0.233	0.145	0.076	0.040	0.055	0.872	0.834	0.888	0.880	0.858	0.867
	Left Cheek	7.42	0.390	0.283	0.387	0.198	0.142	0.119	0.141	0.986	0.919	0.984	0.955	0.940	0.954
	Left Tilted	7.42	0.331	0.081	0.345	0.195	0.110	0.022	0.106	0.949	0.793	0.958	0.933	0.878	0.930
FR2 n258_Plane B	Right Cheek	7.50	0.319	0.381	0.317	0.195	0.109	0.148	0.143	0.949	0.988	0.948	0.940	0.964	0.961
	Right Tilted	7.50	0.208	0.147	0.233	0.145	0.076	0.040	0.055	0.880	0.842	0.896	0.888	0.866	0.875
	Left Cheek	7.50	0.390	0.283	0.387	0.198	0.142	0.119	0.141	0.994	0.927	0.992	0.963	0.948	0.962
	Left Tilted	7.50	0.331	0.081	0.345	0.195	0.110	0.022	0.106	0.957	0.801	0.966	0.941	0.886	0.938
FR2 n260_Plane A	Right Cheek	5.17	0.319	0.381	0.317	0.195	0.109	0.148	0.143	0.717	0.755	0.715	0.707	0.732	0.728
	Right Tilted	5.17	0.208	0.147	0.233	0.145	0.076	0.040	0.055	0.647	0.609	0.663	0.655	0.633	0.642
	Left Cheek	5.17	0.390	0.283	0.387	0.198	0.142	0.119	0.141	0.761	0.694	0.759	0.730	0.715	0.729
	Left Tilted	5.17	0.331	0.081	0.345	0.195	0.110	0.022	0.106	0.724	0.568	0.733	0.708	0.653	0.705
FR2 n260_Plane B	Right Cheek	7.50	0.319	0.381	0.317	0.195	0.109	0.148	0.143	0.949	0.988	0.948	0.940	0.964	0.961
	Right Tilted	7.50	0.208	0.147	0.233	0.145	0.076	0.040	0.055	0.880	0.842	0.896	0.888	0.866	0.875
	Left Cheek	7.50	0.390	0.283	0.387	0.198	0.142	0.119	0.141	0.994	0.927	0.992	0.963	0.948	0.962
	Left Tilted	7.50	0.331	0.081	0.345	0.195	0.110	0.022	0.106	0.957	0.801	0.966	0.941	0.886	0.938
FR2 n261_Plane A	Right Cheek	6.55	0.319	0.381	0.317	0.195	0.109	0.148	0.143	0.855	0.894	0.854	0.845	0.870	0.867
	Right Tilted	6.55	0.208	0.147	0.233	0.145	0.076	0.040	0.055	0.785	0.747	0.801	0.794	0.771	0.780
	Left Cheek	6.55	0.390	0.283	0.387	0.198	0.142	0.119	0.141	0.899	0.832	0.897	0.868	0.854	0.867
	Left Tilted	6.55	0.331	0.081	0.345	0.195	0.110	0.022	0.106	0.862	0.706	0.871	0.846	0.791	0.844
FR2 n261_Plane B	Right Cheek	7.50	0.319	0.381	0.317	0.195	0.109	0.148	0.143	0.949	0.988	0.948	0.940	0.964	0.961
	Right Tilted	7.50	0.208	0.147	0.233	0.145	0.076	0.040	0.055	0.880	0.842	0.896	0.888	0.866	0.875
	Left Cheek	7.50	0.390	0.283	0.387	0.198	0.142	0.119	0.141	0.994	0.927	0.992	0.963	0.948	0.962
	Left Tilted	7.50	0.331	0.081	0.345	0.195	0.110	0.022	0.106	0.957	0.801	0.966	0.941	0.886	0.938

<Open mode>

<5G NR FR2, WLAN Index 6 (RSDB)>

FR2 Band	Exposure Position	1	2	3	4	5	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio		
		Maximum FR2 4cm ² (W/m ²)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	1+2+5 Summed	1+3+5 Summed	1+4+5 Summed
FR2 n258_Plane A	Right Cheek	7.42	0.183	0.196	0.187	0.195	0.978	0.986	0.981
	Right Tilted	7.42	0.111	0.102	0.120	0.145	0.902	0.896	0.908
	Left Cheek	7.42	0.191	0.173	0.194	0.198	0.985	0.974	0.987
	Left Tilted	7.42	0.166	0.074	0.179	0.195	0.968	0.910	0.976
FR2 n258_Plane B	Right Cheek	7.50	0.183	0.196	0.187	0.195	0.986	0.994	0.989
	Right Tilted	7.50	0.111	0.102	0.120	0.145	0.910	0.904	0.916
	Left Cheek	7.50	0.191	0.173	0.194	0.198	0.993	0.982	0.995
	Left Tilted	7.50	0.166	0.074	0.179	0.195	0.976	0.918	0.984
FR2 n260_Plane A	Right Cheek	5.17	0.183	0.196	0.187	0.195	0.753	0.762	0.756
	Right Tilted	5.17	0.111	0.102	0.120	0.145	0.677	0.672	0.683
	Left Cheek	5.17	0.191	0.173	0.194	0.198	0.760	0.749	0.762
	Left Tilted	5.17	0.166	0.074	0.179	0.195	0.743	0.685	0.751
FR2 n260_Plane B	Right Cheek	7.50	0.183	0.196	0.187	0.195	0.986	0.994	0.989
	Right Tilted	7.50	0.111	0.102	0.120	0.145	0.910	0.904	0.916
	Left Cheek	7.50	0.191	0.173	0.194	0.198	0.993	0.982	0.995
	Left Tilted	7.50	0.166	0.074	0.179	0.195	0.976	0.918	0.984
FR2 n261_Plane A	Right Cheek	6.55	0.183	0.196	0.187	0.195	0.892	0.900	0.894
	Right Tilted	6.55	0.111	0.102	0.120	0.145	0.815	0.810	0.821
	Left Cheek	6.55	0.191	0.173	0.194	0.198	0.899	0.887	0.900
	Left Tilted	6.55	0.166	0.074	0.179	0.195	0.881	0.824	0.889
FR2 n261_Plane B	Right Cheek	7.50	0.183	0.196	0.187	0.195	0.986	0.994	0.989
	Right Tilted	7.50	0.111	0.102	0.120	0.145	0.910	0.904	0.916
	Left Cheek	7.50	0.191	0.173	0.194	0.198	0.993	0.982	0.995
	Left Tilted	7.50	0.166	0.074	0.179	0.195	0.976	0.918	0.984

<Open mode>

<5GNR FR2, BT Index 5>

FR2 Band	Exposure Position	1	2	3	4	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio		
		Maximum FR2 4cm ² (W/m ²)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)	1+2 Summed	1+3 Summed	1+4 Summed
FR2 n258_Plane A	Right Cheek	7.42	0.109	0.148	0.143	0.810	0.835	0.831
	Right Tilted	7.42	0.076	0.040	0.055	0.790	0.767	0.776
	Left Cheek	7.42	0.142	0.119	0.141	0.831	0.816	0.830
	Left Tilted	7.42	0.110	0.022	0.106	0.811	0.756	0.808
FR2 n258_Plane B	Right Cheek	7.50	0.109	0.148	0.143	0.818	0.843	0.839
	Right Tilted	7.50	0.076	0.040	0.055	0.798	0.775	0.784
	Left Cheek	7.50	0.142	0.119	0.141	0.839	0.824	0.838
	Left Tilted	7.50	0.110	0.022	0.106	0.819	0.764	0.816
FR2 n260_Plane A	Right Cheek	5.17	0.109	0.148	0.143	0.585	0.610	0.607
	Right Tilted	5.17	0.076	0.040	0.055	0.565	0.542	0.552
	Left Cheek	5.17	0.142	0.119	0.141	0.606	0.592	0.605
	Left Tilted	5.17	0.110	0.022	0.106	0.586	0.531	0.583
FR2 n260_Plane B	Right Cheek	7.50	0.109	0.148	0.143	0.818	0.843	0.839
	Right Tilted	7.50	0.076	0.040	0.055	0.798	0.775	0.784
	Left Cheek	7.50	0.142	0.119	0.141	0.839	0.824	0.838
	Left Tilted	7.50	0.110	0.022	0.106	0.819	0.764	0.816
FR2 n261_Plane A	Right Cheek	6.55	0.109	0.148	0.143	0.724	0.748	0.745
	Right Tilted	6.55	0.076	0.040	0.055	0.703	0.680	0.690
	Left Cheek	6.55	0.142	0.119	0.141	0.744	0.730	0.744
	Left Tilted	6.55	0.110	0.022	0.106	0.724	0.669	0.722
FR2 n261_Plane B	Right Cheek	7.50	0.109	0.148	0.143	0.818	0.843	0.839
	Right Tilted	7.50	0.076	0.040	0.055	0.798	0.775	0.784
	Left Cheek	7.50	0.142	0.119	0.141	0.839	0.824	0.838
	Left Tilted	7.50	0.110	0.022	0.106	0.819	0.764	0.816

**<Hotspot Exposure Condition>****<Open mode>****<5G NR FR2, WLAN Index 8, BT Index 6>**

FR2 Band	Exposure Position	1	2	3	4	5	6	7	8	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio					
		Maximum FR2	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5GHz Ant 3+4	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4	1+2	1+3	1+4	1+5+6	1+5+7	1+5+8
		4cm ² (W/m ²)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	Summed	Summed	Summed	Summed	Summed	Summed
FR2 n258_Plane A	Front (S1)	4.31	0.370	0.440	0.397	0.206	0.105	0.083	0.109	0.662	0.706	0.679	0.625	0.611	0.628
	Back (S2)	4.31	0.213	0.296	0.318	0.240	0.094	0.088	0.056	0.564	0.616	0.629	0.639	0.636	0.616
	Right Side	4.31	0.001	0.560	0.533	0.116	0.001	0.131	0.057	0.431	0.781	0.764	0.504	0.585	0.539
	Top Side	4.31	0.229	0.051	0.221	0.151	0.052	0.007	0.060	0.574	0.463	0.569	0.558	0.529	0.563
FR2 n258_Plane B	Front (S1)	5.17	0.370	0.440	0.397	0.206	0.105	0.083	0.109	0.748	0.792	0.765	0.711	0.697	0.714
	Back (S2)	5.17	0.213	0.296	0.318	0.240	0.094	0.088	0.056	0.650	0.702	0.715	0.725	0.722	0.702
	Right Side	5.17	0.001	0.560	0.533	0.116	0.001	0.131	0.057	0.517	0.867	0.850	0.590	0.671	0.625
	Top Side	5.17	0.229	0.051	0.221	0.151	0.052	0.007	0.060	0.660	0.549	0.655	0.644	0.615	0.649
FR2 n260_Plane A	Front (S1)	5.60	0.370	0.440	0.397	0.206	0.105	0.083	0.109	0.791	0.835	0.808	0.754	0.741	0.757
	Back (S2)	5.60	0.213	0.296	0.318	0.240	0.094	0.088	0.056	0.693	0.745	0.759	0.769	0.765	0.745
	Right Side	5.60	0.001	0.560	0.533	0.116	0.001	0.131	0.057	0.561	0.910	0.893	0.633	0.714	0.668
	Top Side	5.60	0.229	0.051	0.221	0.151	0.052	0.007	0.060	0.703	0.592	0.698	0.687	0.659	0.692
FR2 n260_Plane B	Front (S1)	5.14	0.370	0.440	0.397	0.206	0.105	0.083	0.109	0.745	0.789	0.762	0.708	0.694	0.710
	Back (S2)	5.14	0.213	0.296	0.318	0.240	0.094	0.088	0.056	0.647	0.699	0.712	0.722	0.719	0.699
	Right Side	5.14	0.001	0.560	0.533	0.116	0.001	0.131	0.057	0.514	0.864	0.847	0.587	0.668	0.622
	Top Side	5.14	0.229	0.051	0.221	0.151	0.052	0.007	0.060	0.657	0.545	0.652	0.640	0.612	0.645
FR2 n261_Plane A	Front (S1)	4.35	0.370	0.440	0.397	0.206	0.105	0.083	0.109	0.666	0.710	0.683	0.630	0.616	0.632
	Back (S2)	4.35	0.213	0.296	0.318	0.240	0.094	0.088	0.056	0.568	0.620	0.634	0.644	0.640	0.620
	Right Side	4.35	0.001	0.560	0.533	0.116	0.001	0.131	0.057	0.436	0.785	0.768	0.508	0.590	0.543
	Top Side	4.35	0.229	0.051	0.221	0.151	0.052	0.007	0.060	0.578	0.467	0.573	0.562	0.534	0.567
FR2 n261_Plane B	Front (S1)	6.11	0.370	0.440	0.397	0.206	0.105	0.083	0.109	0.842	0.886	0.859	0.805	0.792	0.808
	Back (S2)	6.11	0.213	0.296	0.318	0.240	0.094	0.088	0.056	0.744	0.796	0.810	0.820	0.816	0.796
	Right Side	6.11	0.001	0.560	0.533	0.116	0.001	0.131	0.057	0.612	0.961	0.944	0.684	0.765	0.719
	Top Side	6.11	0.229	0.051	0.221	0.151	0.052	0.007	0.060	0.754	0.643	0.749	0.738	0.710	0.743

<Open mode>

<5GNR FR2, WLAN Index 8 (RSDB)>

FR1 Band	Exposure Position	1	2	3	4	5	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio		
		Maximum FR2	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5GHz Ant 3+4	1+2+5 Summed	1+3+5 Summed	1+4+5 Summed
		4cm ² (W/m ²)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
FR2 n258_Plane A	Front (S1)	4.31	0.210	0.208	0.191	0.146	0.653	0.652	0.641
	Back (S2)	4.31	0.120	0.144	0.163	0.156	0.603	0.618	0.630
	Right Side	4.31	0.001	0.273	0.275	0.078	0.480	0.650	0.651
	Top Side	4.31	0.129	0.024	0.115	0.098	0.573	0.507	0.564
FR2 n258_Plane B	Front (S1)	5.17	0.210	0.208	0.191	0.146	0.739	0.738	0.727
	Back (S2)	5.17	0.120	0.144	0.163	0.156	0.689	0.704	0.716
	Right Side	5.17	0.001	0.273	0.275	0.078	0.566	0.736	0.737
	Top Side	5.17	0.129	0.024	0.115	0.098	0.659	0.593	0.650
FR2 n260_Plane A	Front (S1)	5.60	0.210	0.208	0.191	0.146	0.783	0.781	0.771
	Back (S2)	5.60	0.120	0.144	0.163	0.156	0.733	0.748	0.759
	Right Side	5.60	0.001	0.273	0.275	0.078	0.609	0.779	0.781
	Top Side	5.60	0.129	0.024	0.115	0.098	0.702	0.636	0.693
FR2 n260_Plane B	Front (S1)	5.14	0.210	0.208	0.191	0.146	0.736	0.735	0.724
	Back (S2)	5.14	0.120	0.144	0.163	0.156	0.686	0.701	0.713
	Right Side	5.14	0.001	0.273	0.275	0.078	0.563	0.733	0.734
	Top Side	5.14	0.129	0.024	0.115	0.098	0.655	0.590	0.647
FR2 n261_Plane A	Front (S1)	4.35	0.210	0.208	0.191	0.146	0.658	0.656	0.646
	Back (S2)	4.35	0.120	0.144	0.163	0.156	0.608	0.623	0.635
	Right Side	4.35	0.001	0.273	0.275	0.078	0.485	0.655	0.656
	Top Side	4.35	0.129	0.024	0.115	0.098	0.577	0.511	0.568
FR2 n261_Plane B	Front (S1)	6.11	0.210	0.208	0.191	0.146	0.834	0.832	0.822
	Back (S2)	6.11	0.120	0.144	0.163	0.156	0.784	0.799	0.810
	Right Side	6.11	0.001	0.273	0.275	0.078	0.660	0.830	0.832
	Top Side	6.11	0.129	0.024	0.115	0.098	0.753	0.687	0.744

<Open mode>

<5GNR FR2, BT Index 7>

FR2 Band	Exposure Position	1	2	3	4	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio		
		Maximum FR2	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4	1+2 Summed	1+3 Summed	1+4 Summed
		4cm ² (W/m ²)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
FR2 n258_Plane A	Front (S1)	4.31	0.335	0.192	0.327	0.640	0.551	0.635
	Back (S2)	4.31	0.287	0.176	0.215	0.610	0.541	0.565
	Right Side	4.31	0.002	0.278	0.215	0.432	0.604	0.565
	Top Side	4.31	0.171	0.013	0.237	0.538	0.439	0.579
FR2 n258_Plane B	Front (S1)	5.17	0.335	0.192	0.327	0.726	0.637	0.721
	Back (S2)	5.17	0.287	0.176	0.215	0.696	0.627	0.651
	Right Side	5.17	0.002	0.278	0.215	0.518	0.690	0.651
	Top Side	5.17	0.171	0.013	0.237	0.624	0.525	0.665
FR2 n260_Plane A	Front (S1)	5.60	0.335	0.192	0.327	0.769	0.680	0.764
	Back (S2)	5.60	0.287	0.176	0.215	0.739	0.670	0.694
	Right Side	5.60	0.002	0.278	0.215	0.561	0.734	0.694
	Top Side	5.60	0.171	0.013	0.237	0.667	0.568	0.708
FR2 n260_Plane B	Front (S1)	5.14	0.335	0.192	0.327	0.723	0.634	0.718
	Back (S2)	5.14	0.287	0.176	0.215	0.693	0.624	0.648
	Right Side	5.14	0.002	0.278	0.215	0.515	0.687	0.648
	Top Side	5.14	0.171	0.013	0.237	0.620	0.522	0.662
FR2 n261_Plane A	Front (S1)	4.35	0.335	0.192	0.327	0.645	0.555	0.640
	Back (S2)	4.35	0.287	0.176	0.215	0.615	0.545	0.570
	Right Side	4.35	0.002	0.278	0.215	0.436	0.609	0.570
	Top Side	4.35	0.171	0.013	0.237	0.542	0.443	0.583
FR2 n261_Plane B	Front (S1)	6.11	0.335	0.192	0.327	0.820	0.731	0.815
	Back (S2)	6.11	0.287	0.176	0.215	0.790	0.721	0.745
	Right Side	6.11	0.002	0.278	0.215	0.612	0.785	0.745
	Top Side	6.11	0.171	0.013	0.237	0.718	0.619	0.759

<Body-Worn Exposure Condition>

<Open mode>

<5G NR FR2, WLAN Index 8, BT Index 6>

FR2 Band	Exposure Position	1	2	3	4	5	6	7	8	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio					
		Maximum FR2 4cm ² (W/m ²)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	Bluetooth Ant 3 1g SAR (W/kg)	Bluetooth Ant 4 1g SAR (W/kg)	Bluetooth Ant 3+4 1g SAR (W/kg)	1+2 Summed	1+3 Summed	1+4 Summed	1+5+6 Summed	1+5+7 Summed	1+5+8 Summed
FR2 n258_Plane A	Front (S1)	4.31	0.370	0.440	0.397	0.206	0.105	0.083	0.109	0.662	0.706	0.679	0.625	0.611	0.628
	Back (S2)	4.31	0.213	0.296	0.318	0.240	0.094	0.088	0.056	0.564	0.616	0.629	0.639	0.636	0.616
FR2 n258_Plane B	Front (S1)	5.17	0.370	0.440	0.397	0.206	0.105	0.083	0.109	0.748	0.792	0.765	0.711	0.697	0.714
	Back (S2)	5.17	0.213	0.296	0.318	0.240	0.094	0.088	0.056	0.650	0.702	0.715	0.725	0.722	0.702
FR2 n260_Plane A	Front (S1)	5.60	0.370	0.440	0.397	0.206	0.105	0.083	0.109	0.791	0.835	0.808	0.754	0.741	0.757
	Back (S2)	5.60	0.213	0.296	0.318	0.240	0.094	0.088	0.056	0.693	0.745	0.759	0.769	0.765	0.745
FR2 n260_Plane B	Front (S1)	5.14	0.370	0.440	0.397	0.206	0.105	0.083	0.109	0.745	0.789	0.762	0.708	0.694	0.710
	Back (S2)	5.14	0.213	0.296	0.318	0.240	0.094	0.088	0.056	0.647	0.699	0.712	0.722	0.719	0.699
FR2 n261_Plane A	Front (S1)	4.35	0.370	0.440	0.397	0.206	0.105	0.083	0.109	0.666	0.710	0.683	0.630	0.616	0.632
	Back (S2)	4.35	0.213	0.296	0.318	0.240	0.094	0.088	0.056	0.568	0.620	0.634	0.644	0.640	0.620
FR2 n261_Plane B	Front (S1)	6.11	0.370	0.440	0.397	0.206	0.105	0.083	0.109	0.842	0.886	0.859	0.805	0.792	0.808
	Back (S2)	6.11	0.213	0.296	0.318	0.240	0.094	0.088	0.056	0.744	0.796	0.810	0.820	0.816	0.796

<Open mode>

<5G NR FR2, WLAN Index 8 (RSDB)>

FR1 Band	Exposure Position	1	2	3	4	5	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio		
		Maximum FR2 4cm ² (W/m ²)	WLAN2.4GHz Ant 3 1g SAR (W/kg)	WLAN2.4GHz Ant 4 1g SAR (W/kg)	WLAN2.4GHz Ant 3+4 1g SAR (W/kg)	WLAN5/6GHz Ant 3+4 1g SAR (W/kg)	1+2+5 Summed	1+3+5 Summed	1+4+5 Summed
FR2 n258_Plane A	Front (S1)	4.31	0.210	0.208	0.191	0.146	0.653	0.652	0.641
	Back (S2)	4.31	0.120	0.144	0.163	0.156	0.603	0.618	0.630
FR2 n258_Plane B	Front (S1)	5.17	0.210	0.208	0.191	0.146	0.739	0.738	0.727
	Back (S2)	5.17	0.120	0.144	0.163	0.156	0.689	0.704	0.716
FR2 n260_Plane A	Front (S1)	5.60	0.210	0.208	0.191	0.146	0.783	0.781	0.771
	Back (S2)	5.60	0.120	0.144	0.163	0.156	0.733	0.748	0.759
FR2 n260_Plane B	Front (S1)	5.14	0.210	0.208	0.191	0.146	0.736	0.735	0.724
	Back (S2)	5.14	0.120	0.144	0.163	0.156	0.686	0.701	0.713
FR2 n261_Plane A	Front (S1)	4.35	0.210	0.208	0.191	0.146	0.658	0.656	0.646
	Back (S2)	4.35	0.120	0.144	0.163	0.156	0.608	0.623	0.635
FR2 n261_Plane B	Front (S1)	6.11	0.210	0.208	0.191	0.146	0.834	0.832	0.822
	Back (S2)	6.11	0.120	0.144	0.163	0.156	0.784	0.799	0.810

<Open mode>

<5GNR FR2, BT Index 7>

FR2 Band	Exposure Position	1	2	3	4	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio		
		Maximum FR2	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4	1+2 Summed	1+3 Summed	1+4 Summed
		4cm ² (W/m ²)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)			
FR2 n258_Plane A	Front (S1)	4.31	0.335	0.192	0.327	0.640	0.551	0.635
	Back (S2)	4.31	0.287	0.176	0.215	0.610	0.541	0.565
FR2 n258_Plane B	Front (S1)	5.17	0.335	0.192	0.327	0.726	0.637	0.721
	Back (S2)	5.17	0.287	0.176	0.215	0.696	0.627	0.651
FR2 n260_Plane A	Front (S1)	5.60	0.335	0.192	0.327	0.769	0.680	0.764
	Back (S2)	5.60	0.287	0.176	0.215	0.739	0.670	0.694
FR2 n260_Plane B	Front (S1)	5.14	0.335	0.192	0.327	0.723	0.634	0.718
	Back (S2)	5.14	0.287	0.176	0.215	0.693	0.624	0.648
FR2 n261_Plane A	Front (S1)	4.35	0.335	0.192	0.327	0.645	0.555	0.640
	Back (S2)	4.35	0.287	0.176	0.215	0.615	0.545	0.570
FR2 n261_Plane B	Front (S1)	6.11	0.335	0.192	0.327	0.820	0.731	0.815
	Back (S2)	6.11	0.287	0.176	0.215	0.790	0.721	0.745

**<Product Specific Exposure Condition>****<Open mode>****<5GNR FR2 with WLAN Index 8, BT Index 6, NFC>**

FR2 Band	Exposure Position	1	2	3	4	5	6	7	8	9	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio					
		Maximum FR2	WLAN2.4GHz Ant 3	WLAN2.4GHz Ant 4	WLAN2.4GHz Ant 3+4	WLAN5/6GHz Ant 3+4	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4	NFC	1+2+9 Summed	1+3+9 Summed	1+4+9 Summed	1+5+6+9 Summed	1+5+7+9 Summed	1+5+8+9 Summed
		4cm ² (W/m ²)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)						
FR2 n258_Plane A	Front (S1)	7.42	0.717	0.807	0.834	0.524	0.149	0.228	0.154	0.022	0.927	0.949	0.956	0.916	0.936	0.917
	Back (S2)	6.86	1.008	0.918	1.012	0.699	0.280	0.278	0.294	0.001	0.938	0.915	0.939	0.931	0.930	0.934
	Right Side	0.62	0.027	1.190	1.125	0.707	0.008	0.291	0.173	0.001	0.069	0.360	0.343	0.241	0.312	0.282
	Top Side	7.50	0.865	0.183	0.574	0.696	0.115	0.052	0.117	0.001	0.967	0.796	0.894	0.953	0.937	0.954
FR2 n258_Plane B	Front (S1)	7.50	0.717	0.807	0.834	0.524	0.149	0.228	0.154	0.022	0.935	0.957	0.964	0.924	0.944	0.925
	Back (S2)	1.05	1.008	0.918	1.012	0.699	0.280	0.278	0.294	0.001	0.357	0.335	0.358	0.350	0.350	0.354
	Right Side	0.42	0.027	1.190	1.125	0.707	0.008	0.291	0.173	0.001	0.049	0.339	0.323	0.221	0.291	0.262
	Top Side	3.07	0.865	0.183	0.574	0.696	0.115	0.052	0.117	0.001	0.524	0.353	0.451	0.510	0.494	0.511
FR2 n260_Plane A	Front (S1)	5.17	0.717	0.807	0.834	0.524	0.149	0.228	0.154	0.022	0.702	0.724	0.731	0.691	0.711	0.692
	Back (S2)	5.97	1.008	0.918	1.012	0.699	0.280	0.278	0.294	0.001	0.849	0.827	0.850	0.842	0.842	0.846
	Right Side	0.78	0.027	1.190	1.125	0.707	0.008	0.291	0.173	0.001	0.085	0.376	0.359	0.257	0.328	0.298
	Top Side	7.50	0.865	0.183	0.574	0.696	0.115	0.052	0.117	0.001	0.967	0.796	0.894	0.953	0.937	0.954
FR2 n260_Plane B	Front (S1)	7.50	0.717	0.807	0.834	0.524	0.149	0.228	0.154	0.022	0.935	0.957	0.964	0.924	0.944	0.925
	Back (S2)	2.27	1.008	0.918	1.012	0.699	0.280	0.278	0.294	0.001	0.480	0.457	0.481	0.472	0.472	0.476
	Right Side	0.89	0.027	1.190	1.125	0.707	0.008	0.291	0.173	0.001	0.096	0.387	0.371	0.268	0.339	0.310
	Top Side	4.24	0.865	0.183	0.574	0.696	0.115	0.052	0.117	0.001	0.640	0.470	0.568	0.627	0.611	0.627
FR2 n261_Plane A	Front (S1)	6.55	0.717	0.807	0.834	0.524	0.149	0.228	0.154	0.022	0.840	0.863	0.869	0.829	0.849	0.830
	Back (S2)	6.52	1.008	0.918	1.012	0.699	0.280	0.278	0.294	0.001	0.904	0.882	0.905	0.897	0.896	0.900
	Right Side	0.63	0.027	1.190	1.125	0.707	0.008	0.291	0.173	0.001	0.070	0.360	0.344	0.242	0.312	0.283
	Top Side	7.50	0.865	0.183	0.574	0.696	0.115	0.052	0.117	0.001	0.967	0.796	0.894	0.953	0.937	0.954
FR2 n261_Plane B	Front (S1)	7.50	0.717	0.807	0.834	0.524	0.149	0.228	0.154	0.022	0.935	0.957	0.964	0.924	0.944	0.925
	Back (S2)	0.87	1.008	0.918	1.012	0.699	0.280	0.278	0.294	0.001	0.339	0.317	0.340	0.332	0.332	0.336
	Right Side	0.46	0.027	1.190	1.125	0.707	0.008	0.291	0.173	0.001	0.053	0.344	0.328	0.225	0.296	0.266
	Top Side	3.68	0.865	0.183	0.574	0.696	0.115	0.052	0.117	0.001	0.585	0.414	0.512	0.571	0.556	0.572

<Open mode>

<5GNR FR2, WLAN Index 8 (RSDB), NFC>

FR2 Band	Exposure Position	1	2	3	4	5	6	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio		
		Maximum FR2 4cm^2 (W/m2)	WLAN2.4GHz Ant 3 10g SAR (W/kg)	WLAN2.4GHz Ant 4 10g SAR (W/kg)	WLAN2.4GHz Ant 3+4 10g SAR (W/kg)	WLAN5/6GHz Ant 3+4 10g SAR (W/kg)	NFC 10g SAR (W/kg)	1+2+5+6 Summed	1+3+5+6 Summed	1+4+5+6 Summed
FR2 n258_Plane A	Front (S1)	7.42	0.383	0.393	0.423	0.382	0.022	0.939	0.941	0.949
	Back (S2)	6.86	0.631	0.445	0.584	0.498	0.001	0.968	0.922	0.956
	Right Side	0.62	0.018	0.582	0.664	0.483	0.001	0.187	0.328	0.349
	Top Side	7.50	0.437	0.086	0.437	0.468	0.001	0.977	0.889	0.977
FR2 n258_Plane B	Front (S1)	7.50	0.383	0.393	0.423	0.382	0.022	0.947	0.949	0.957
	Back (S2)	1.05	0.631	0.445	0.584	0.498	0.001	0.388	0.341	0.376
	Right Side	0.42	0.018	0.582	0.664	0.483	0.001	0.167	0.308	0.329
	Top Side	3.07	0.437	0.086	0.437	0.468	0.001	0.534	0.446	0.534
FR2 n260_Plane A	Front (S1)	5.17	0.383	0.393	0.423	0.382	0.022	0.714	0.716	0.724
	Back (S2)	5.97	0.631	0.445	0.584	0.498	0.001	0.880	0.833	0.868
	Right Side	0.78	0.018	0.582	0.664	0.483	0.001	0.203	0.344	0.365
	Top Side	7.50	0.437	0.086	0.437	0.468	0.001	0.977	0.889	0.977
FR2 n260_Plane B	Front (S1)	7.50	0.383	0.393	0.423	0.382	0.022	0.947	0.949	0.957
	Back (S2)	2.27	0.631	0.445	0.584	0.498	0.001	0.510	0.463	0.498
	Right Side	0.89	0.018	0.582	0.664	0.483	0.001	0.215	0.356	0.376
	Top Side	4.24	0.437	0.086	0.437	0.468	0.001	0.650	0.563	0.650
FR2 n261_Plane A	Front (S1)	6.55	0.383	0.393	0.423	0.382	0.022	0.852	0.855	0.862
	Back (S2)	6.52	0.631	0.445	0.584	0.498	0.001	0.934	0.888	0.923
	Right Side	0.63	0.018	0.582	0.664	0.483	0.001	0.188	0.329	0.350
	Top Side	7.50	0.437	0.086	0.437	0.468	0.001	0.977	0.889	0.977
FR2 n261_Plane B	Front (S1)	7.50	0.383	0.393	0.423	0.382	0.022	0.947	0.949	0.957
	Back (S2)	0.87	0.631	0.445	0.584	0.498	0.001	0.370	0.323	0.358
	Right Side	0.46	0.018	0.582	0.664	0.483	0.001	0.172	0.313	0.333
	Top Side	3.68	0.437	0.086	0.437	0.468	0.001	0.595	0.507	0.595

<Open mode>

<5G NR FR2, BT Index 7, NFC>

FR2 Band	Exposure Position	1	2	3	4	5	Reported SAR/1.6 + PD/10 Summation Total Exposure ratio		
		Maximum FR2	Bluetooth Ant 3	Bluetooth Ant 4	Bluetooth Ant 3+4	NFC	1+2+5 Summed	1+3+5 Summed	1+4+5 Summed
		4cm ² (W/m ²)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)	10g SAR (W/kg)			
FR2 n258_Plane A	Front (S1)	7.42	0.487	0.586	0.499	0.022	0.869	0.894	0.872
	Back (S2)	6.86	0.891	0.716	0.922	0.001	0.909	0.865	0.916
	Right Side	0.62	0.029	0.749	0.573	0.001	0.069	0.249	0.205
	Top Side	7.50	0.393	0.127	0.391	0.001	0.849	0.782	0.848
FR2 n258_Plane B	Front (S1)	7.50	0.487	0.586	0.499	0.022	0.877	0.902	0.880
	Back (S2)	1.05	0.891	0.716	0.922	0.001	0.328	0.284	0.336
	Right Side	0.42	0.029	0.749	0.573	0.001	0.049	0.229	0.185
	Top Side	3.07	0.393	0.127	0.391	0.001	0.406	0.339	0.405
FR2 n260_Plane A	Front (S1)	5.17	0.487	0.586	0.499	0.022	0.644	0.669	0.647
	Back (S2)	5.97	0.891	0.716	0.922	0.001	0.820	0.776	0.828
	Right Side	0.78	0.029	0.749	0.573	0.001	0.085	0.265	0.221
	Top Side	7.50	0.393	0.127	0.391	0.001	0.849	0.782	0.848
FR2 n260_Plane B	Front (S1)	7.50	0.487	0.586	0.499	0.022	0.877	0.902	0.880
	Back (S2)	2.27	0.891	0.716	0.922	0.001	0.450	0.407	0.458
	Right Side	0.89	0.029	0.749	0.573	0.001	0.097	0.277	0.233
	Top Side	4.24	0.393	0.127	0.391	0.001	0.522	0.456	0.522
FR2 n261_Plane A	Front (S1)	6.55	0.487	0.586	0.499	0.022	0.783	0.807	0.786
	Back (S2)	6.52	0.891	0.716	0.922	0.001	0.875	0.831	0.883
	Right Side	0.63	0.029	0.749	0.573	0.001	0.070	0.250	0.206
	Top Side	7.50	0.393	0.127	0.391	0.001	0.849	0.782	0.848
FR2 n261_Plane B	Front (S1)	7.50	0.487	0.586	0.499	0.022	0.877	0.902	0.880
	Back (S2)	0.87	0.891	0.716	0.922	0.001	0.310	0.266	0.318
	Right Side	0.46	0.029	0.749	0.573	0.001	0.054	0.234	0.190
	Top Side	3.68	0.393	0.127	0.391	0.001	0.467	0.400	0.466

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13. Uncertainty Assessment

The budget is valid for evaluation distances $> \lambda/2\pi$. For specific tests and configurations, the Uncertainty could be considerably smaller.

cDASY6 Module mmWave Uncertainty Budget Evaluation Distances to the Antennas $> \lambda/2\pi$					
Error Description	Uncertainty Value ($\pm$ dB)	Probability	Divisor	(Ci)	Standard Uncertainty ($\pm$ dB)
Uncertainty terms dependent on the measurement system					
Probe Calibration	0.49	N	1	1	0.49
Probe correction	0.00	R	1.732	1	0.00
Frequency response ($BW \leq 1$ GHz)	0.20	R	1.732	1	0.12
Sensor cross coupling	0.00	R	1.732	1	0.00
Isotropy	0.50	R	1.732	1	0.29
Linearity	0.20	R	1.732	1	0.12
Probe scattering	0.00	R	1.732	1	0.00
Probe positioning offset	0.30	R	1.732	1	0.17
Probe positioning repeatability	0.04	R	1.732	1	0.02
Sensor mechanical offset	0.00	R	1.732	1	0.00
Probe spatial resolution	0.00	R	1.732	1	0.00
Field impedance dependence	0.00	R	1.732	1	0.00
Amplitude and phase drift	0.00	R	1.732	1	0.00
Amplitude and phase noise	0.04	R	1.732	1	0.02
Measurement area truncation	0.00	R	1.732	1	0.00
Data acquisition	0.03	N	1	1	0.03
Sampling	0.00	R	1.732	1	0.00
Field reconstruction	0.60	R	1.732	1	0.35
Forward transformation	0.00	R	1.732	1	0.00
Power density scaling	0.00	R	1.732	1	0.00
Spatial averaging	0.10	R	1.732	1	0.06
System detection limit	0.04	R	1.732	1	0.02
Uncertainty terms dependent on the DUT and environmental factors					
Probe coupling with DUT	0.00	R	1.732	1	0.0
Modulation response	0.40	R	1.732	1	0.2
Integration time	0.00	R	1.732	1	0.0
Response time	0.00	R	1.732	1	0.0
Device holder influence	0.10	R	1.732	1	0.1
DUT alignment	0.00	R	1.732	1	0.0
RF ambient conditions	0.04	R	1.732	1	0.0
Ambient reflections	0.04	R	1.732	1	0.0
Immunity / secondary reception	0.00	R	1.732	1	0.0
Drift of the DUT		R	1.732	1	
Combined Std. Uncertainty					0.76 dB
Expanded STD Uncertainty (95%)					1.52 dB
Declaration of Conformity: The test results with all measurement uncertainty excluded is presented in accordance with the regulation limits or requirements declared by manufacturers.					
Comments and Explanations: The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.					



14. References

- [1] FCC 47 CFR Part 2 "Frequency Allocations and Radio Treaty Matters; General Rules and Regulations"
- [2] FCC KDB 447498 D01 v06, "Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies", Oct 2015
- [3] FCC KDB 865664 D02 v01r02, "RF Exposure Compliance Reporting and Documentation Considerations" Oct 2015.
- [4] FCC KDB 648474 D04 v01r03, "SAR Evaluation Considerations for Wireless Handsets", Oct 2015.