

SAR EVALUATION REPORT

FCC 47 CFR § 2.1093 IEEE Std. 1528-2013

For

DJI RC Plus 2

MODEL NUMBER: TKPL2

REPORT NUMBER: 4790917103-3-SAR-1

ISSUE DATE: Aug. 6, 2024

FCC ID: SS3-TKPL22310

Prepared for

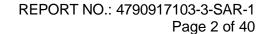
SZ DJI TECHNOLOGY CO., LTD.

Lobby of T2, DJI Sky City, No 53 Xianyuan Road, Xili Community, Xili Street, Nanshan District,
Shenzhen, China

Prepared by

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch Building 10, Innovation Technology Park, No. 1, Li Bin Road, Song Shan Lake Hi-Tech Development Zone Dongguan, People's Republic of China

> Tel: +86 769 22038881 Fax: +86 769 33244054 Website: www.ul.com





Revision History

Rev.	Issue Date	Revisions	Revised By
V0	Aug. 6, 2024	Initial Issue	

Note:

- 1) This test report is only published to and used by the applicant, and it is not for evidence purpose in China.
- 2) The measurement result for the sample received is <Pass> according to < IEEE Std. 1528>when <Simple Acceptance> decision rule is applied.

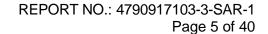


Table of Contents

1.	Atte	estation of Test Results5	
2.	Tes	t Specification, Methods and Procedures6	
3.	Fac	ilities and Accreditation7	
4.	SAF	R Measurement System & Test Equipment8	
	4.1. 4.2. 4.3.	SAR Measurement System SAR Scan Procedures Test Equipment	9
5.	Mea	asurement Uncertainty12	
6.	Dev	rice Under Test (DUT) Information13	
	6.1. 6.2.	DUT Description	
7.	Cor	nducted Output Power Measurement and tune-up tolerance14	
	7.1. 7.2. 7.3. 7.4. 7.5.	Test Results of WiFi 2.4GHz Test Results of WiFi 5GHz Test Results of SRD 2.4GHz Test Results of SRD 5GHz Duty Cycle	15 16 17
8.	Tes	t Configuration24	
	8.1. 8.1.1. 8.1.2. 8.1.3. 8.1.4. 8.1.5. 8.1.6.	Wi-Fi Test Configuration Initial Test Position Procedure Initial Test Configuration Procedure Sub Test Configuration Procedure 2.4GHz Wi-Fi SAR Test Procedures 5GHz Wi-Fi SAR Test Procedures OFDM Transmission Mode and SAR Test Channel Selection	24 24 24 24 26
9.	Ant	enna location diagram27	
10.		Exposure Conditions28	
11.	Diel	ectric Property Measurements & System Check29	
1	11.1. 11.2.	Dielectric Property Measurements	
12.		asured and Reported (Scaled) SAR Results32	
	12.1.	SAR Test Results of WiFi ECUT	
	12.2. 12.3.	SAR Test Results of WiFi 5GHzSAR Test Results of SRD 2.4GHz	
	12.3. 12.4.	SAR Test Results of SRD 5.1GHz	
	12.5.	SAR Test Results of SRD 5.8GHz	



12.6. SAR Test Results of SRD 5.8GHz	38
13. Simultaneous Transmission SAR Analysis	39
Appendixes	40
4790917103-3-SAR-1_App A Photo	40 40





1. Attestation of Test Results

Applicant Name	SZ DJI TECHNOL	OGY CO., LTD.					
Address	Lobby of T2, DJI Sky City, No 53 Xianyuan Road, Xili Community, Xili Street, Nanshan District, Shenzhen, China						
Manufacturer	SZ DJI TECHNOLOGY CO., LTD.						
Address		Lobby of T2, DJI Sky City, No 53 Xianyuan Road, Xili Community, Xili Street, Nanshan District, Shenzhen, China					
EUT Name	DJI RC Plus 2						
Brand	DJI						
Model	TKPL2						
Sample Received Date	April 26, 2024						
Sample Status	Normal						
Sample ID	7160783						
Date of Tested	Jun. 22, 2024 to Ju	ıl. 25, 2024					
Applicable Standards	FCC 47 CFR § 2.1093 IEEE Std. 1528-2013 KDB publication						
SAR Limits (W/Kg)							
Exposure Category	·	tial-average tissue)	Extremities (hands, wrists, ankles, etc.) (10g of tissue)				
General population / Uncontrolled exposure	1	.6	4				
Occupational / Controlled exposure		8		20			
The Highest Reported SAR (W/kg)			-				
DE Esmanus Conditions		Ва	nd				
RF Exposure Conditions	WiFi 2.4GHz	WiFi 5GHz	SRD 2.4GHz	SRD 5GHz			
Body 1-g (5 mm)	1.037	0.815	1.114	1.004			
Simultaneous 1-g (5 mm)		1.1	77				
Test Results		Pa	SS				
Prepared By:	Reviewed By: Approved By:						
Jons. Oir	Kebo. Thurz		Lephenbuo				
James Qin	Kebo Zhang		Stephen Guo				
Project Engineer	Senior Project En	gineer	Laboratory Mar	nager			

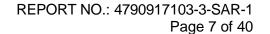


REPORT NO.: 4790917103-3-SAR-1 Page 6 of 40

2. Test Specification, Methods and Procedures

The tests documented in this report were performed in accordance with IEEE Std.1528-2013 and the following FCC Published RF exposure KDB procedures:

- o 447498 D01 General RF Exposure Guidance v06
- o 865664 D01 SAR measurement 100 MHz to 6 GHz v01
- o 865664 D02 RF Exposure Reporting v01
- 941225 D07 UMPC Mini Tablet v01





3. Facilities and Accreditation

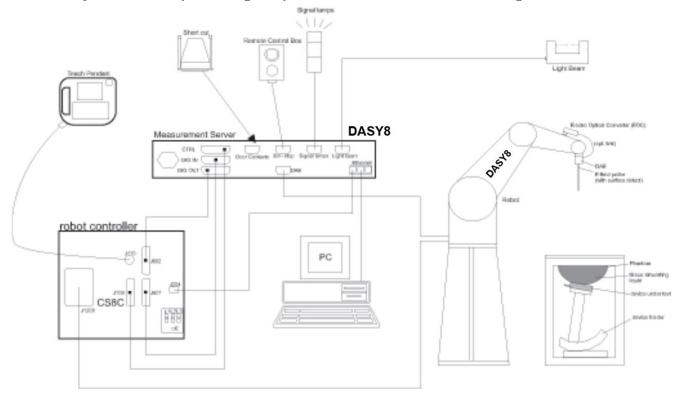
UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China
A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA. FCC (FCC Designation No.: CN1187)
UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Declaration of Conformity (DoC) and Certification rules.
ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046.
VCCI (Registration No.: G-20192, C-20153, T-20155 and R-20202)
UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name:
Chamber D, the VCCI registration No. is G-20192 and R-20202 Shielding Room B, the VCCI registration No. is C-20153 and T-20155
All measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China



4. SAR Measurement System & Test Equipment

4.1. SAR Measurement System

The DASY8 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 DASY8 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.



REPORT NO.: 4790917103-3-SAR-1 Page 9 of 40

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 v01r04 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 mm ± 1 mm	$\frac{1}{2} \cdot \delta \cdot \ln(2) \text{ mm} \pm 0.5 \text{ mm}$
Maximum probe angle from probe axis to phantom surface normal at the measurement location	30° ± 1°	20° ± 1°
	\leq 2 GHz: \leq 15 mm 2 – 3 GHz: \leq 12 mm	3 – 4 GHz: ≤ 12 mm 4 – 6 GHz: ≤ 10 mm
Maximum area scan spatial resolution: Δx_{Area} , Δy_{Area}	When the x or y dimension measurement plane orientat above, the measurement rescorresponding x or y dimensat least one measurement po	ion, is smaller than the olution must be \leq the sion of the test device with
Maximum zoom scan spatial resolution: Δx _{Zoom} , Δy _{Zoom}	\leq 2 GHz: \leq 8 mm 2 – 3 GHz: \leq 5 mm*	$3 - 4 \text{ GHz: } \le 5 \text{ mm}^*$ $4 - 6 \text{ GHz: } \le 4 \text{ mm}^*$

REPORT NO.: 4790917103-3-SAR-1 Page 10 of 40

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 v01r04 SAR Measurement 100 MHz to 6 GHz

			≤ 3 GHz	> 3 GHz
Maximum zoom scan spatial resolution: Δx _{Zoom} , Δy _{Zoom}			\leq 2 GHz: \leq 8 mm 3 - 4 GHz: \leq 5 m 2 - 3 GHz: \leq 5 mm* 4 - 6 GHz: \leq 4 m	
	uniform	grid: Δz _{Zoom} (n)	≤ 5 mm	$3 - 4 \text{ GHz: } \le 4 \text{ mm}$ $4 - 5 \text{ GHz: } \le 3 \text{ mm}$ $5 - 6 \text{ GHz: } \le 2 \text{ mm}$
Maximum zoom scan spatial resolution, normal to phantom surface	graded grid	Δz _{Zoom} (1): between 1 st two points closest to phantom surface	≤ 4 mm	$3 - 4 \text{ GHz: } \le 3 \text{ mm}$ $4 - 5 \text{ GHz: } \le 2.5 \text{ mm}$ $5 - 6 \text{ GHz: } \le 2 \text{ mm}$
	$\Delta z_{Zoom}(n>1)$: between subsequent points		$\leq 1.5 \cdot \Delta z_{Zoom}(n-1) \text{ mm}$	
Minimum zoom scan volume x, y, z			≥ 30 mm	$3 - 4 \text{ GHz:} \ge 28 \text{ mm}$ $4 - 5 \text{ GHz:} \ge 25 \text{ mm}$ $5 - 6 \text{ GHz:} \ge 22 \text{ mm}$

Note: δ is the penetration depth of a plane-wave at normal incidence to the tissue medium; see IEEE Std 1528-2013 for details.

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 greater than the step size in Z-direction.

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



REPORT NO.: 4790917103-3-SAR-1 Page 11 of 40

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.

Name of equipment	Manufacturer	Type/Model	Serial No.	Cal. Due Date
ENA Network Analyzer	Keysight	E5080A	MY55100583	2024.10.11
Dielectric Probe kit	SPEAG	SM DAK 040 SA	1155	2025.02.27
DC power supply	Keysight	E36103A	MY55350020	2024.10.11
Signal Generator	Rohde & Schwarz	SME06	837633\001	2024.08.06
BI-Directional Coupler	KRYTAR	1850	54733	2024.10.11
Peak and Average Power Sensor	Keysight	E9325A	MY62220002	2024.10.11
Peak and Average Power Sensor	Keysight	E9325A	MY62220003	2024.10.11
Dual Channel PK Power Meter	Keysight	N1912A	MY55416024	2024.10.11
Amplifier	CORAD TECHNOLOGY LTD	AMF-4D-00400600-50- 30P	1983561	NCR
Dosimetric E-Field Probe	SPEAG	EX3DV4	7733	2025.02.20
Data Acquisition Electronic	SPEAG	DAE4	1739	2025.01.22
Dipole Kit 5 GHz	SPEAG	D5GHzV2	1231	2024.12.15
Dipole Kit 2450 MHz	SPEAG	D2450V2	977	2024.12.16
Software	SPEAG	DASY8	N/A	NCR
Twin Phantom	SPEAG	SAM 5.0	1805	NCR
Thermometer	/	GX-138	150709653	2024.10.18
Thermometer	VICTOR	ITHX-SD-5	18470005	2024.10.18

Note:

- 1) Per KDB865664D01 v01r04 requirements for dipole calibration, the test laboratory has adopted three-year extended calibration interval. Each measured dipole is expected to evaluate with the following criteria at least on annual interval in Appendix C.
- a) There is no physical damage on the dipole;
- b) System check with specific dipole is within 10% of calibrated value;
- c) The most recent return-loss result, measured at least annually, deviates by no more than 20% from the previous measurement.
- d) The most recent measurement of the real or imaginary parts of the impedance, measured at least annually is within 5Ω from the previous measurement.
- 2) Network analyzer probe calibration against air, distilled water and a shorting block performed before measuring liquid parameters.



REPORT NO.: 4790917103-3-SAR-1 Page 12 of 40

5. Measurement Uncertainty

Per KDB 865664 D01 SAR Measurement 100 MHz to 6 GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg and the measured 10-g SAR within a frequency band is < 3.75 W/kg. The expanded SAR measurement uncertainty must be \leq 30%, for a confidence interval of k =2. If these conditions are met, extensive SAR measurement uncertainty analysis described in IEEE Std. 1528-2013 is not required in SAR reports submitted for equipment approval.

Therefore, the measurement uncertainty is not required.



REPORT NO.: 4790917103-3-SAR-1 Page 13 of 40

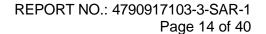
6. Device Under Test (DUT) Information

6.1. DUT Description

EUT is a remote controller that supports 2.4 / 5 GHz WiFi, 2.4 / 5 GHz SRD wireless and BT/BLE technology. **EUT Dimension** Overall (Length x Width x Height): 265mm x 160mm x 65mm

6.2. Wireless Technology

Wireless technology	Frequency band
WiFi	2.4 GHz
WiFi	5 GHz
SRD	2.4 GHz
SRD	5 GHz
BT	2.4 GHz
BLE	2.4 GHz

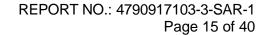




7. Conducted Output Power Measurement and tune-up tolerance

7.1. Test Results of WiFi 2.4GHz

Mode	Freq(MHz)	Output	ted AVG : Power Bm)	Tune-up Limit (dBm)				
		WiFi L	WiFi R	WiFi L	WiFi R			
	2412	17.09	16.98	17.50	17.50			
802.11b	2437	16.25	16.38	17.50	17.50			
	2462	16.83	16.68	17.50	17.50			
	2412	16.98	16.75	17.00	17.00			
802.11g	2437	16.20	16.36	16.50	16.50			
	2462	15.44	15.49	15.50	15.50			
	2412	13.43	13.04	13.50	13.50			
802.11n 20M	2437	12.52	12.90	13.00	13.00			
	2462	13.07	12.87	13.50	13.00			
	2422	12.27	12.48	12.50	12.50			
802.11n 40M	2437	12.81	12.73	13.00	13.00			
	2452	11.44	11.55	11.50	12.00			
	2412	13.63	13.28	14.00	13.50			
802.11ax 20M	2437	12.65	13.14	13.00	13.50			
	2462	13.22	13.16	13.50	13.50			
	2422	11.94	12.21	12.00	12.50			
802.11ax 40M	2437	12.46	12.39	12.50	12.50			
	2452	11.17	11.80	11.50	12.00			





7.2. Test Results of WiFi 5GHz

Mode	Freq(MHz)	Output	ted AVG Power 3m)		up Limit 3m)
		WiFi L	WiFi R	WiFi L	WiFi R
	5180	16.22	17.26	17.00	17.50
	5200	16.14	17.28	17.00	17.50
802.11a	5240	15.9	16.51	17.00	17.50
002.11a	5745	16.87	17.85	18.00	18.00
	5785	17.66	17.85	18.00	18.00
	5825	17.34	17.20	18.00	18.00
	5180	14.31	15.76	14.50	16.00
	5200	14.27	15.85	14.50	16.00
802.11N 20M	5240	14.08	15.02	14.50	15.50
002.111N 20IVI	5745	15.18	16.27	15.50	16.50
	5785	15.60	16.05	16.00	16.50
	5825	15.46	15.71	15.50	16.00
	5190	15.34	16.69	15.50	17.00
802.11N 40M	5230	15.20	15.95	15.50	16.00
802.11N 40N	5755	16.32	17.36	16.50	17.50
	5795	17.06	17.24	17.50	17.50
802.11AC 80M	5210	15.47	15.76	15.50	16.00
802.11AC 80W	5775	16.64	16.75	17.00	17.00
	5180	14.83	15.88	15.00	16.00
	5200	14.67	15.89	15.00	16.00
802.11AX 20M	5240	14.52	15.10	15.00	15.50
002.11AX 20W	5745	15.43	16.27	15.50	16.50
	5785	16.19	16.35	16.50	16.50
	5825	15.84	15.76	16.00	16.00
	5190	15.20	16.27	15.50	16.50
802.11AX 40M	5230	15.11	15.45	15.50	15.50
302.1170X 40W	5755	16.19	16.73	16.50	17.00
	5795	16.80	16.62	17.00	17.00
802.11AX 80M	5210	15.33	15.64	15.50	16.00
332.117.00 30W	5775	16.51	16.66	17.00	17.00



7.3. Test Results of SRD 2.4GHz

Mode	Channel		Conducted AVG Output Power (dBm)			Tune-up Limit (dBm)			
		Ant0	Ant1	Ant4	Ant5	Ant0	Ant1	Ant4	Ant5
	2403.5	23.20	23.69	22.74	22.65	23.50	24.00	23.50	23.00
1.4M	2435.5	23.41	22.87	22.75	22.81	23.50	23.00	23.50	23.00
	2469.12	23.79	23.09	23.32	23.61	24.00	23.50	24.00	24.00
	2405.5	23.06	23.64	23.20	22.61	23.50	24.00	23.50	23.00
ЗМ	2435.5	23.90	22.77	23.14	22.24	24.00	23.00	23.50	22.50
	2468.2	23.38	22.80	22.67	22.40	23.50	23.00	23.00	23.00
	2404.5	23.70	23.85	23.79	23.06	24.00	24.00	24.00	23.50
5M	2436.74	23.66	23.20	23.03	22.85	24.00	23.50	23.50	23.00
	2469.5	23.48	23.34	23.00	23.54	23.50	23.50	23.00	24.00
	2407.5	23.61	24.20	23.36	23.19	24.00	24.50	24.50	23.50
10M	2437.5	24.24	23.38	23.82	22.94	24.50	23.50	24.00	23.50
	2467.5	23.05	23.19	23.03	22.92	23.50	23.50	23.50	23.00
	2412.5	23.43	23.32	23.27	22.76	23.50	23.50	23.50	23.00
20M	2437.5	24.25	22.88	23.34	22.81	24.50	23.00	23.50	23.00
	2462.5	23.95	23.64	23.10	23.81	24.00	24.00	23.50	24.00
	2422.5	23.93	23.88	23.73	23.34	25.00	25.00	25.00	25.00
40M	2437.5	24.34	23.42	24.06	23.31	25.00	25.00	25.00	25.00
	2452.5	23.31	23.76	23.44	23.86	25.00	25.00	25.00	25.00
	2432.5	20.93	21.38	21.44	20.71	21.00	21.50	21.50	21.00
60M	2437.5	23.53	22.63	22.70	22.42	24.00	23.00	23.00	22.50
	2442.5	21.94	22.24	21.75	21.49	22.00	22.50	22.00	22.00



7.4. Test Results of SRD 5GHz

Mode	Freq(MHz)		Conduct Output (dE	Power		Tune-up Limit (dBm)				
		Ant0	Ant1	Ant4	Ant5	Ant0	Ant1	Ant4	Ant5	
	5154	1.09	-0.01	0.77	-0.33	1.50	0.00	1.00	0.00	
	5156	2.97	2.44	2.38	2.05	3.00	2.50	2.50	2.50	
	5158	5.03	4.46	4.49	4.10	5.50	4.50	4.50	4.50	
	5160	6.26	5.63	5.82	5.33	6.50	6.00	6.00	5.50	
4 454	5162	10.56	9.78	10.15	9.18	11.00	10.00	10.50	9.50	
1.4M	5202	9.74	9.22	9.44	8.76	10.00	9.50	9.50	9.00	
	5248	8.23	9.77	7.63	9.26	8.50	10.00	9.00	9.50	
	5728.5	25.53	25.75	24.59	23.51	26.00	26.00	25.00	24.00	
	5786.5	25.06	26.15	24.19	23.03	25.50	26.50	24.50	23.50	
	5846.12	24.34	26.11	24.74	23.14	24.50	26.50	25.00	23.50	
	5154	-0.79	-1.62	-1.26	-2.17	-0.50	-1.50	-1.00	-2.00	
	5157	5.52	5.12	5.15	4.56	6.00	5.50	5.50	5.00	
	5160	8.13	7.51	7.70	7.15	8.50	8.00	8.00	7.50	
	5163	10.49	9.16	10.04	8.85	10.50	9.50	10.50	9.00	
ЗМ	5202	10.80	8.81	10.25	8.39	11.00	9.00	10.50	8.50	
	5247	8.79	10.74	8.49	10.24	9.00	11.00	8.50	10.50	
	5727.5	25.01	25.53	24.04	23.33	25.50	26.00	24.50	23.50	
	5787.2	24.58	26.00	24.03	22.56	25.00	26.00	24.50	23.00	
	5847.2	24.32	25.97	24.40	22.84	24.50	26.00	24.50	24.00	
	5155	2.75	2.36	2.43	2.04	3.00	2.50	2.50	2.50	
	5157	5.31	4.49	4.74	4.10	5.50	4.50	5.00	4.50	
	5162	11.47	10.79	11.15	10.38	11.50	11.00	11.50	10.50	
	5167	14.58	13.47	14.02	12.96	15.00	13.50	14.50	13.00	
5M	5202	14.44	13.52	13.88	12.93	14.50	14.00	14.00	13.00	
	5247	13.25	14.31	12.80	13.79	13.50	14.50	13.50	14.00	
	5732.5	25.81	26.15	24.64	23.92	26.00	26.50	25.00	24.00	
	5787.5	25.15	26.46	24.77	23.42	25.50	26.50	25.00	23.50	
	5842.5	25.05	26.28	24.41	23.26	25.50	26.50	24.50	24.00	
	5157	5.48	4.95	4.68	4.21	5.50	5.00	5.00	4.50	
	5162	7.11	6.75	6.15	5.83	7.50	7.00	6.50	6.00	
	5163	8.10	7.76	7.22	7.02	8.50	8.00	7.50	7.50	
10M	5164	9.11	8.78	8.19	8.13	9.50	9.00	8.50	8.50	
	5165	10.22	9.13	9.20	9.19	10.50	9.50	9.50	9.50	
	5166	11.56	10.62	11.01	10.24	12.00	11.00	11.50	10.50	
	5167	13.59	13.49	13.00	12.33	14.00	13.50	13.00	12.50	



	5168	14.48	14.51	14.07	13.35	14.50	15.00	14.50	13.50
	5169	15.89	15.50	15.00	15.18	16.00	15.50	15.00	15.50
	5170	16.81	17.10	15.99	16.15	17.00	17.50	16.00	16.50
	5201	17.12	17.38	16.85	16.12	17.50	17.50	17.00	16.50
	5245	15.52	17.11	15.03	15.91	16.00	17.50	16.00	16.00
	5730.5	25.82	26.23	23.36	25.68	26.00	26.50	23.50	26.00
	5787.5	24.86	25.97	23.55	23.96	25.00	26.00	24.00	24.00
	5844.5	25.05	26.71	23.66	25.34	25.50	27.00	24.00	25.50
	5161	5.41	5.10	4.56	3.96	5.50	6.00	5.00	4.00
	5162	6.51	6.17	5.94	5.75	7.00	6.50	6.00	6.00
	5163	7.55	7.21	7.00	6.77	8.00	7.50	7.00	7.00
	5164	8.61	8.36	7.99	7.96	9.00	8.50	8.00	8.00
	5165	10.39	9.44	9.05	8.97	10.50	9.50	9.50	9.00
	5166	11.47	10.50	10.79	9.97	11.50	10.50	11.00	10.00
	5167	13.04	12.97	12.80	12.05	13.50	13.00	13.00	12.50
0014	5168	14.03	14.06	13.87	13.08	14.50	14.50	14.00	13.50
20M	5169	14.60	14.55	13.68	14.30	15.00	15.00	14.00	14.50
	5170	15.93	16.22	15.65	15.52	16.00	16.50	16.00	16.00
	5171	16.87	17.13	16.60	16.38	17.00	17.50	17.00	16.50
	5200	17.21	17.70	14.13	15.29	17.50	18.50	16.00	16.00
	5240	16.33	17.82	13.42	15.45	16.50	18.50	14.00	16.00
	5735.5	25.60	25.81	23.96	24.67	26.00	27.00	25.00	25.00
	5787.5	25.72	26.65	24.28	24.73	26.00	27.00	25.00	25.00
	5839.5	25.07	26.66	23.97	24.67	26.00	27.00	25.00	25.00
	5170	7.18	7.40	6.12	7.25	8.00	7.50	6.50	8.00
	5171	9.20	9.51	8.65	8.56	9.50	10.00	9.00	9.00
	5172	8.76	9.64	9.18	9.16	9.00	10.00	9.50	9.50
	5173	10.70	10.28	10.45	9.59	11.00	10.50	10.50	10.00
	5178	11.95	11.56	11.51	10.74	12.00	12.00	12.00	11.00
	5180	12.45	12.94	12.56	11.76	12.50	13.00	13.00	12.00
40M	5186	14.56	15.13	14.11	14.30	15.00	15.50	14.50	14.50
40101	5188	15.66	16.21	15.18	15.35	16.00	16.50	15.50	15.50
	5189	17.50	17.75	17.06	16.83	17.50	18.00	17.50	17.00
	5200	17.07	17.37	16.83	16.02	17.50	17.50	17.00	17.00
	5230	15.43	15.80	14.42	15.52	16.00	16.00	14.50	17.00
	5745.5	22.35	23.87	21.30	21.37	22.50	24.00	21.50	21.50
	5787.5	22.95	24.10	21.97	21.64	23.00	24.50	22.00	22.00
	5829.50	21.04	22.35	20.18	20.03	21.50	22.50	20.50	20.50
60M	5180	9.93	8.91	9.41	8.37	10.00	9.00	9.50	8.50
OUIVI	5181	10.25	9.29	9.92	8.98	10.50	9.50	10.00	9.00



11.03 10.03 10.45 9.49 11.50 10.50 10.50 9.50 5182 11.54 11.50 5186 11.89 11.17 10.59 12.00 12.00 11.00 5188 12.46 12.09 11.08 12.50 11.50 12.50 11.50 11.45 5191 13.52 11.94 13.18 11.62 14.00 12.00 13.50 12.00 5193 14.72 13.76 14.13 13.41 15.00 14.00 14.50 13.50 5195 15.78 14.95 15.38 14.39 16.00 15.00 15.50 14.50 5196 16.66 15.31 16.35 14.84 17.00 15.50 16.50 15.00 5200 15.41 16.43 14.87 17.00 16.96 15.50 16.50 15.00 5220 16.52 15.32 16.00 14.89 17.00 15.50 16.00 15.00 5755.5 21.02 22.42 20.23 20.31 21.50 22.50 20.50 20.50 21.29 20.47 20.01 5787.5 22.32 21.50 22.50 20.50 20.50 5819.5 21.71 23.02 20.95 20.04 22.00 23.50 21.00 20.50 5190 11.58 10.02 11.03 9.46 12.00 10.50 12.00 9.50 5191 12.58 10.93 12.05 10.49 13.00 11.00 12.50 10.50 5195 12.35 11.41 12.05 10.85 12.50 11.50 12.50 11.00 5198 13.63 12.17 13.21 11.85 14.00 12.50 13.50 12.00 5203 16.60 15.17 14.79 15.50 16.50 16.05 17.00 15.00 80M 5206 17.34 17.00 15.45 15.76 17.50 16.00 17.00 15.50 5210 16.92 15.86 16.60 15.40 17.00 16.00 17.50 15.50 5765.5 22.37 23.17 20.79 20.95 22.50 23.50 21.00 21.00 5787.5 21.96 23.02 20.92 20.36 22.00 23.50 21.00 20.50 22.31 23.44 21.54 20.60 22.50 23.50 5809.5 22.00 21.00



REPORT NO.: 4790917103-3-SAR-1 Page 20 of 40

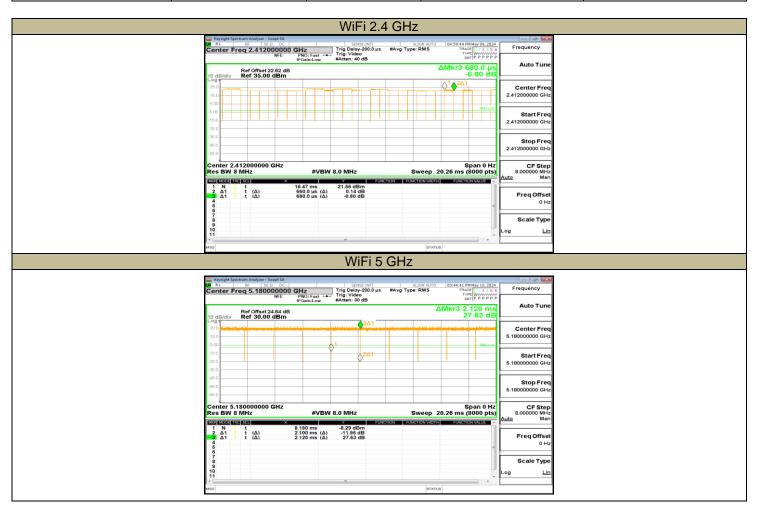
7.1. Test Results of BT

Test Mode	Antenna	Frequency[MHz]	Result[dBm]	Tune-up Limit (dBm)
		2402	1.01	2
DH5	Ant2	2441	2.43	3
		2480	1.82	2
		2402	-1.52	0
3DH5	Ant2	2441	-0.72	0
		2480	-1.14	0
		2402	1.21	2
BLE_1M	Ant2	2440	2.78	3
		2480	1.69	2
		2402	1.18	2
BLE_2M	Ant2	2440	2.60	3
		2480	1.24	2

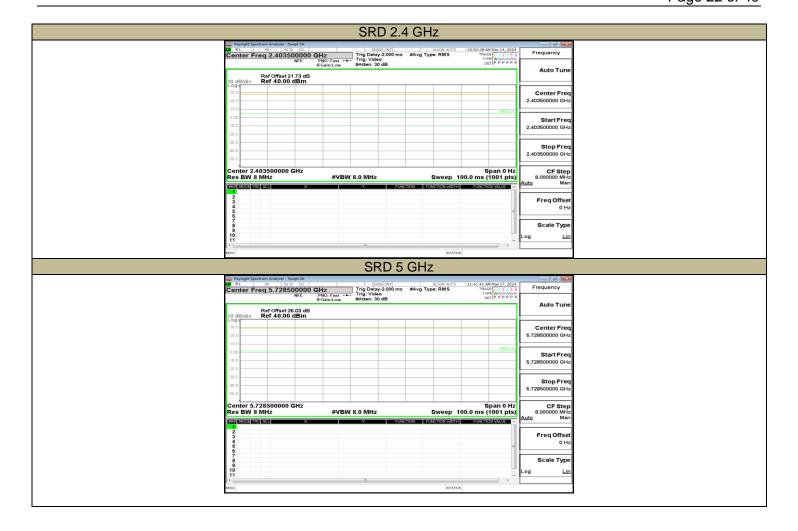


7.2. Duty Cycle

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)
WiFi 2.4 GHz	0.66	0.68	0.9706	97.06
WiFi 5 GHz	2.10	2.12	0.9906	99.06
SRD 2.4 GHz	100.00	100.00	1.0000	100.00
SRD 5 GHz	100.00	100.00	1.0000	100.00

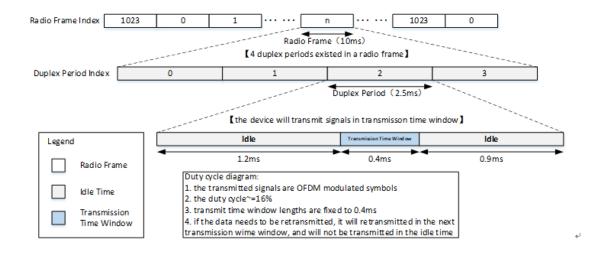








·GND TDD1





REPORT NO.: 4790917103-3-SAR-1

Page 24 of 40

8. Test Configuration

8.1. Wi-Fi Test Configuration

For Wi-Fi SAR testing, a communication link is set up with the testing software for Wi-Fi mode test, During the test, at each test frequency channel, the EUT is operated at the RF continuous emission mode. The test procedures in KDB 248227D01 are applied.

8.1.1. Initial Test Position Procedure

For exposure condition with multiple test position, such as handsets operating next to the ear, devices with hotspot mode or UMPC mini-tablet, procedures for initial test position can be applied. Using the transmission mode determined by the DSSS procedure or initial test configuration, area scans are measured for all position in an exposure condition. The test position with the highest extrapolated (peak) SAR is used as the initial test position. When reported SAR for the initial test position is ≤ 0.4W/kg, no additional testing for the remaining test position is required. Otherwise, SAR is evaluated at the subsequent highest peak SAR position until the reported SAR result is ≤ 0.8W/kg or all test position are measured. For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg. SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.

8.1.2. Initial Test Configuration Procedure

An initial test configuration is determined for OFDM transmission modes according to the channel bandwidth, modulation and data rate combination(s) with the highest maximum output power specified for production units in each standalone and aggregated frequency band. SAR is measured using the highest measured maximum output power channel. For configurations with the same specified or measured maximum output power, additional transmission mode and test channel selection procedures are required (see section 5.3.2 of KDB 248227D01). SAR test reduction of subsequent highest output test channels is based on the reported SAR of the initial test configuration.

For next to the ear, hotspot mode and UMC mini-tablet exposure configurations where multiple test positions are required. the initial test position procedure is applied to minimize the number of test positions required for SAR measurement using the initial test configuration transmission mode. For fixed exposure conditions that do not have multiple SAR test positions, SAR is measured in the transmission mode determined by the initial test configuration.

When the reported SAR of the initial test configuration is > 0.8 W/kg, SAR measurement is required for the subsequent next highest measured output power channel(s) in the initial test configuration until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.

8.1.3. Sub Test Configuration Procedure

SAR measurement requirements for the remaining 802.11 transmission mode configurations that have not been tested in the initial test configuration are determined separately for each standalone and aggregated frequency band, in each exposure condition, according to the maximum output power specified for production units.

When the highest reported SAR for the initial test configuration, according to the initial test position or fixed exposure position requirements, is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for that subsequent test configuration.

8.1.4. 2.4GHz Wi-Fi SAR Test Procedures

Separate SAR procedures are applied to DSSS and OFDM configurations in the 2.4 GHz band to simplify DSSS test requirements. For 802.11b DSSS SAR measurements, DSSS SAR procedure applies to fixed exposure test position and initial test position procedure applies to multiple exposure test positions.

A) 802.11b DSSS SAR Test Requirements

SAR is measured for 2.4 GHz 802.11b DSSS using either a fixed test position or, when applicable, the initial test position procedure. SAR test reduction is determined according to the following:



REPORT NO.: 4790917103-3-SAR-1 Page 25 of 40

 When the reported SAR of the highest measured maximum output power channel (section 3.1 of KDB 248227D01) for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration.

2) When the reported SAR is > 0.8 W/kg, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is > 1.2 W/kg, SAR is required for the third channel; i.e., all channels require testing.

B) 2.4GHz 802.11g/n OFDM SAR Test Exclusion Requirements

When SAR measurement is required for 2.4 GHz 802.11g/n OFDM configurations, the measurement and test reduction procedures for OFDM are applied (section 5.3 of KDB 248227D01). SAR is not required for the following 2.4 GHz OFDM conditions.

- 1) When KDB Publication 447498 SAR test exclusion applies to the OFDM configuration.
- 2) When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.

C) SAR Test Requirements for OFDM configurations

When SAR measurement is required for 802.11 g/n OFDM configurations, each standalone and frequency aggregated band is considered separately for SAR test reduction. In applying the <u>initial test configuration</u> and <u>subsequent test configuration</u> procedures, the 802.11 transmission configuration with the highest specified maximum output power and the channel within a test configuration with the highest measured maximum output power should be clearly distinguished to apply the procedures.



REPORT NO.: 4790917103-3-SAR-1 Page 26 of 40

8.1.5. 5GHz Wi-Fi SAR Test Procedures

U-NII-1 and U-NII-2A Bands

For devices that operate in only one of the U-NII-1 and U-NII-2A bands, the normally required SAR procedures for OFDM configurations are applied. For devices that operate in both U-NII bands using the same transmitter and antenna(s), SAR test reduction is determined according to the following:

- 1) When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. If the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration (802.11 mode and exposure condition); otherwise, both bands are tested independently for SAR.
- 2) When different maximum output power is specified for the bands, begin SAR measurement in the band with higher specified maximum output power. The highest reported SAR for the tested configuration is adjusted by the ratio of lower to higher specified maximum output power for the two bands. When the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for the band with lower maximum output power in that test configuration; otherwise, both bands are tested independently for SAR.
- The two U-NII bands may be aggregated to support a 160 MHz channel on channel number 50. Without additional testing, the maximum output power for this is limited to the lower of the maximum output power certified for the two bands. When SAR measurement is required for at least one of the bands and the highest reported SAR adjusted by the ratio of specified maximum output power of aggregated to standalone band is > 1.2 W/kg, SAR is required for the 160 MHz channel. This procedure does not apply to an aggregated band with maximum output higher than the standalone band(s); the aggregated band must be tested independently for SAR. SAR is not required when the 160 MHz channel is operating at a reduced maximum power and also qualifies for SAR test exclusion.

U-NII-2C and U-NII-3 Bands

The frequency range covered by these bands is 380 MHz (5.47 - 5.85 GHz), which requires a minimum of at least two SAR probe calibration frequency points to support SAR measurements. when Terminal Doppler Weather Radar (TDWR) restriction applies, all channels that operate at 5.60 - 5.65 GHz must be included to apply the SAR test reduction and measurement procedures.

When the same transmitter and antenna(s) are used for U-NII-2C band and U-NII-3 band or 5.8 GHz band of §15.247, the bands may be aggregated to enable additional channels with 20, 40 or 80 MHz bandwidth to span across the band gap, as illustrated in Appendix B. The maximum output power for the additional band gap channels is limited to the lower of those certified for the bands. Unless band gap channels are permanently disabled, they must be considered for SAR testing. The frequency range covered by these bands is 380 MHz (5.47 – 5.85 GHz), which requires a minimum of at least two SAR probe calibration frequency points to support SAR measurements. To maintain SAR measurement accuracy and to facilitate test reduction, the channels in U-NII-2C band above 5.65 GHz may be grouped with the 5.8 GHz channels in U-NII-3 or §15.247 band to enable two SAR probe calibration frequency points to cover the bands, including the band gap channels. When band gap channels are supported and the bands are not aggregated for SAR testing, band gap channels must be considered independently in each band according to the normally required OFDM SAR measurement and probe calibration frequency points requirements.

8.1.6. OFDM Transmission Mode and SAR Test Channel Selection

When the same maximum output power was specified for multiple OFDM transmission mode configurations in a frequency band or aggregated band, SAR is measured using the configuration with the largest channel bandwidth, lowest order modulation and lowest data rate. When the maximum output power of a channel is the same for equivalent OFDM configurations; for example, 802.11a, 802.11n and 802.11ac or 802.11g and 802.11n with the same channel bandwidth, modulation and data rate etc., the lower order 802.11 mode i.e., 802.11a, then 802.11n and 802.11ac or 802.11g then 802.11n, is used for SAR measurement. When the maximum output power are the same for multiple test channels, either according to the default or additional power measurement requirements, SAR is measured using the channel closest to the middle of the frequency band or aggregated band. When there are multiple channels with the same maximum output power, SAR is measured using the higher number channel.



REPORT NO.: 4790917103-3-SAR-1 Page 27 of 40

9. **Antenna location diagram** Referred to appendix A.



REPORT NO.: 4790917103-3-SAR-1 Page 28 of 40

10.RF Exposure Conditions

For the specific details of the antenna-to-edges distances, please refer to appendix A for antenna location diagram. As per KDB 941225 D07, when the antenna to-edge-distance is greater than 2.5 cm, SAR evaluation is not required for the corresponding position.

Antenna	Test Position	antenna to-edge-distance	Test required
	Front Surface	<25 mm	Yes
	Back Surface	>25 mm	No
WiFi L	Left side	<25 mm	Yes
VVIFIL	Right side	>25 mm	No
	Top side	>25 mm	No
	Bottom side	>25 mm	No
	Front Surface	<25 mm	Yes
	Back Surface	>25 mm	No
WiFi R	Left side	>25 mm	No
VVIFIK	Right side	<25 mm	Yes
	Top side	>25 mm	No
	Bottom side	>25 mm	No
	Front Surface	>25 mm	No
	Back Surface	<25 mm	Yes
Ant 0	Left side	>25 mm	No
AIILU	Right side	>25 mm	No
	Top side	<25 mm	Yes
	Bottom side	>25 mm	No
	Front Surface	>25 mm	No
	Back Surface	<25 mm	Yes
Ant 1	Left side	>25 mm	No
Ant i	Right side	>25 mm	No
	Top side	<25 mm	Yes
	Bottom side	>25 mm	No
	Front Surface	<25 mm	Yes
	Back Surface	>25 mm	No
Ant 4	Left side	>25 mm	No
AIIL 4	Right side	>25 mm	No
	Top side	<25 mm	Yes
	Bottom side	>25 mm	No
	Front Surface	<25 mm	Yes
	Back Surface	>25 mm	No
Ant 5	Left side	>25 mm	No
AIII O	Right side	>25 mm	No
	Top side	<25 mm	Yes
	Bottom side	>25 mm	No

Note: judgement above is based on the standard, but actual test is based on client's requirements to perform SAR test for all the surface and edge.

REPORT NO.: 4790917103-3-SAR-1 Page 29 of 40

11. Dielectric Property Measurements & System Check

11.1.Dielectric Property Measurements

The temperature of the tissue-equivalent medium used during measurement must also be within 18°C to 25°C and within ± 2°C of the temperature when the tissue parameters are characterized.

The dielectric parameters must be measured before the tissue-equivalent medium is used in a series of SAR measurements. The parameters should be re-measured after each 3 – 4 days of use; or earlier if the dielectric parameters can become out of tolerance; for example, when the parameters are marginal at the beginning of the measurement series. Tissue dielectric parameters were measured at the low, middle and high frequency of each operating frequency range of the test device.

Tissue Dielectric Parameters

FCC KDB 865664 D01 v01r04 SAR Measurement 100 MHz to 6 GHz

Torget Frequency (MHz)	H	lead	Body			
Target Frequency (MHz)	e _r	σ (S/m)	e _r	σ (S/m)		
150	52.3	0.76	61.9	0.80		
300	45.3	0.87	58.2	0.92		
450	43.5	0.87	56.7	0.94		
835	41.5	0.90	55.2	0.97		
900	41.5	0.97	55.0	1.05		
915	41.5	0.98	55.0	1.06		
1450	40.5	1.20	54.0	1.30		
1610	40.3	1.29	53.8	1.40		
1800 – 2000	40.0	1.40	53.3	1.52		
2450	39.2	1.80	52.7	1.95		
3000	38.5	2.40	52.0	2.73		
5000	36.2	4.45	49.3	5.07		
5100	36.1	4.55	49.1	5.18		
5200	36.0	4.66	49.0	5.30		
5300	35.9	4.76	48.9	5.42		
5400	35.8	4.86	48.7	5.53		
5500	35.6	4.96	48.6	5.65		
5600	35.5	5.07	48.5	5.77		
5700	35.4	5.17	48.3	5.88		
5800	35.3	5.27	48.2	6.00		



IEEE Std 1528-2013

Refer to Table 3 within the IEEE Std 1528-2013 Dielectric Property Measurements Results:

		Lic	uid Pa	ramete	rs	Deviation(%)					
Liquid	Freq.	Meas	ured	Tar	get	Deviat	ion(%)	Limit	Temp.	Test Date	
		€r	σ	€r	σ	€r	σ	(%)	(℃)		
	2360	40.30	1.78	39.36	1.72	2.39	3.49				
Head 2450	2450	40.20	1.88	39.20	1.80	2.55	4.44	±5	22.6	June 22, 2024	
	2540	39.70	1.95	39.09	1.90	1.56	2.63				
	2360	40.20	1.77	39.36	1.72	2.13	2.91				
Head 2450	2450	40.10	1.87	39.20	1.80	2.30	3.89	±5	21.3	July 22, 2024	
	2540	39.70	1.99	39.09	1.90	1.56	4.74				
	5160	35.50	4.54	36.03	4.61	-1.47	-1.52				
Head 5250	5250	35.40	4.63	35.93	4.71	-1.48	-1.70	±5	22.1	June 24, 2024	
	5340	35.20	4.73	35.83	4.80	-1.76	-1.46				
	5160	35.40	4.55	36.03	4.61	-1.75	-1.30				
Head 5250	5250	35.30	4.64	35.93	4.71	-1.75	-1.49	±5	22.7	July 25, 2024	
	5340	35.20	4.73	35.83	4.80	-1.76	-1.46				
	5660	35.50	4.97	35.46	5.13	0.11	-3.12				
Head 5750	5750	35.40	5.04	35.36	5.22	0.11	-3.45	±5	22.6	June 22, 2024	
	5840	35.30	5.15	35.27	5.30	0.09	-2.83				
	5660	35.60	4.95	35.46	5.13	0.39	-3.51				
Head 5750	5750	35.60	5.02	35.36	5.22	0.68	-3.83	3 ±5 21.3	July 22, 2024		
	5840	35.30	5.13	35.27	5.30	0.09	-3.21				

REPORT NO.: 4790917103-3-SAR-1 Page 31 of 40

11.2.System Check

SAR system verification is required to confirm measurement accuracy, according to the tissue dielectric media, probe calibration points and other system operating parameters required for measuring the SAR of a test device. The system verification must be performed for each frequency band and within the valid range of each probe calibration point required for testing the device. The same SAR probe(s) and tissue-equivalent media combinations used with each specific SAR system for system verification must be used for device testing. When multiple probe calibration points are required to cover substantially large transmission bands, independent system verifications are required for each probe calibration point. A system verification must be performed before each series of SAR measurements using the same probe calibration point and tissue-equivalent medium. Additional system verification should be considered according to the conditions of the tissue-equivalent medium and measured tissue dielectric parameters, typically every three to four days when the liquid parameters are re-measured or sooner when marginal liquid parameters are used at the beginning of a series of measurements.

System Performance Check Measurement Conditions:

- The measurements were performed in the flat section of the TWIN SAM or ELI phantom, shell thickness: 2.0 ±0.2 mm (bottom plate) filled with Body or Head simulating liquid of the following parameters.
- The depth of tissue-equivalent liquid in a phantom must be ≥ 15.0 cm for SAR measurements ≤ 3 GHz and ≥ 10.0 cm for measurements > 3 GHz.
- The DASY system with an E-Field Probe was used for the measurements.
- The dipole was mounted on the small tripod so that the dipole feed point was positioned below the center marking of
 the flat phantom section and the dipole was oriented parallel to the body axis (the long side of the phantom). The
 standard measuring distance was 10 mm (above 1GHZ) and 15 mm (below 1GHz) from dipole center to the
 simulating liquid surface.
- For area scan, standard grid spacing for head measurements is 15 mm in x- and y- dimension (≤2GHz), 12 mm in x- and y-dimension (2-4 GHz) and 10 mm in x- and y- dimension (4-6GHz).
- For zoom scan, Δ x_{zoom}, Δ y_{zoom} \leq 2 GHz \leq 8 mm, 2-4 GHz \leq 5 mm and 4-6 GHz- \leq 4 mm; Δ z_{zoom} \leq 3 GHz \leq 5 mm, 3-4 GHz- \leq 4 mm and 4-6 GHz- \leq 2 mm.
- Distance between probe sensors and phantom surface was set to 3 mm except for 5 GHz band. For 5 GHz band, Distance between probe sensors and phantom surface was set to 2.5 mm
- The dipole input power (forward power) was set to 100 mW or 250 mW depend on the certificate of the dipoles.
- The results are normalized to 1 W input power.

System Check Results

The 1-g and 10-g SAR measured with a reference dipole, using the required tissue-equivalent medium at the test frequency, must be within 10% of the manufacturer calibrated dipole SAR target.

		Messure	d Results	Target	Delta	Limit	Temp.		
T.S. Liqu	ıid	Zoom Scan (W/Kg) Normalize to 1W (W/Kg)		(Ref. value)	(%)	(%)	(°C)	Test Date	
Hood 2450	1-g	13.600	54.40	54.60	-0.37	±10	22.6	luno 22, 2024	
Head 2450 10-g		6.210	24.84	24.20	2.64	±10	22.0	June 22, 2024	
Hood 2450	1-g	13.100	52.40	54.60	-4.03	.10	21.3	July 22, 2024	
Head 2450	10-g	6.110	24.44	24.20	0.99	±10	21.3	July 22, 2024	
Head 5250	1-g	7.890	78.90	77.90	1.28	±10	22.1	June 24, 2024	
Head 5250	10-g	2.370	23.70	22.60	4.87	±10	22.1	Julie 24, 2024	
Head 5250	1-g	8.110	81.10	77.90	4.11	.10	22.7	July 25, 2024	
nead 5250	10-g	2.390	23.90	22.60	5.75	±10	22.1	July 25, 2024	
Llood E750	1-g	7.980	79.80	78.30	1.92	.40	20.0	luna 22 2024	
Head 5750	10-g	2.320	23.20	22.40	3.57	±10	22.6	June 22, 2024	
Hood E7E0	1-g	7.830	78.30	78.30	0.00	.10	21.2	July 22, 2024	
Head 5750	10-g	2.210	22.10	22.40	-1.34	±10	21.3	July 22, 2024	



REPORT NO.: 4790917103-3-SAR-1 Page 32 of 40

12. Measured and Reported (Scaled) SAR Results

• Reported SAR(W/kg) = Measured SAR * Tune-up scaling factor * Duty Cycle scaling factor

SAR Test Reduction criteria are as follows:

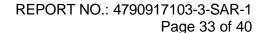
KDB 447498 D01 General RF Exposure Guidance:

A) Per KDB447498 D01, all SAR measurement results are scaled to the maximum tune-up tolerance limit to demonstrate SAR compliance.

- B) Testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:
 - ≤ 0.8 W/kg or 2.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≤ 100 MHz.
 - ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz.
 - ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz.

Per KDB865664 D01 v01r04:

For each frequency band, repeated SAR measurement is required only when the measured SAR is ≥0.8W/Kg; if the deviation among the repeated measurement is ≤ 20%, and the measured SAR <1.45W/Kg, only one repeated measurement is required.





12.1.SAR Test Results of WiFi 2.4GHz

Test Position (Body 5mm)	Test Mode	Channel/	Pow (dBr	~ -	Measured SAR Value	Power Drift	Duty Cycle	Scaled (W/Kg)
(Body Sillill)		Frequency	Tune-up	Meas.	1-g (W/Kg)	Dilli	(%)	(W/Kg)
			WiFi L	-				
Front Surface	11b	1/2412	17.5	17.09	0.306	-0.05	97.06	0.346
Back Surface	11b	1/2412	17.5	17.09	0.042	-0.11	97.06	0.048
Left Edge	11b	1/2412	17.5	17.09	0.001	-0.06	97.06	0.001
Right Edge	11b	1/2412	17.5	17.09	0.835	-0.06	97.06	0.945
Bottom Edge	11b	1/2412	17.5	17.09	0.038	-0.14	97.06	0.043
Top Edge	11b	1/2412	17.5	17.09	0.007	-0.08	97.06	0.008
Right Edge	11b	6/2437	17.5	16.25	0.557	-0.16	97.06	0.765
Right Edge	11b	11/2462	17.5	16.83	0.813	-0.02	97.06	0.977
		ī	worst mode	retest				
Right Edge	11b	1/2412	17.5	17.09	0.828	-0.01	97.06	0.938
			WiFi F	₹				
Front Surface	11b	1/2412	17.5	16.98	0.239	-0.06	97.06	0.278
Back Surface	11b	1/2412	17.5	16.98	0.011	-0.07	97.06	0.013
Left Edge	11b	1/2412	17.5	16.98	0.749	-0.11	97.06	0.870
Right Edge	11b	1/2412	17.5	16.98	0.000	-0.05	97.06	0.000
Bottom Edge	11b	1/2412	17.5	16.98	0.009	-0.01	97.06	0.010
Top Edge	11b	1/2412	17.5	16.98	0.000	-0.15	97.06	0.000
Left Edge	11b	6/2437	17.5	16.38	0.777	-0.13	97.06	1.036
Left Edge	11b	11/2462	17.5	16.68	0.624	-0.07	97.06	0.777

Note:

2) Calculation formula: Scaled =10^(Tune up/10) / 10^(meas./10) * Measured SAR Value * (10 / Duty Factor)

¹⁾ SAR evaluation is conducted under fixed frequency mode, the duty cycle is 100% when in fixed frequency mode, but when actual used, the duty cycle is only 16%, so the SAR result is scaled down to 16% duty cycle depending on result of 100%.



12.2.SAR Test Results of WiFi 5GHz

Test Position		Channel/	Pow		Measured	Power	Duty	Scaled			
(Body 5mm)	Test Mode	Frequency	(dBr		SAR Value	Drift	Cycle	(W/Kg)			
, ,			Tune-up	Meas.	1-g (W/Kg)		(%)	· •/			
WiFi L											
F	11	00/5400	5.1G	40.00	0.400	0.04	00.00	0.000			
Front Surface	11a	36/5180	17.0	16.22	0.190	-0.04	99.06	0.230			
Back Surface	11a	36/5180	17.0	16.22	0.031	-0.14	99.06	0.037			
Left Edge	11a	36/5180	17.0	16.22	0.000	-0.11	99.06	0.000			
Right Edge	11a	36/5180	17.0	16.22	0.398	-0.17	99.06	0.481			
Bottom Edge	11a	36/5180	17.0	16.22	0.000	0.11	99.06	0.000			
Top Edge	11a	36/5180	17.0	16.22	0.000	0.11	99.06	0.000			
			5.8G								
Front Surface	11a	157/5785	18.0	17.66	0.298	-0.12	99.06	0.325			
Back Surface	11a	157/5785	18.0	17.66	0.028	-0.01	99.06	0.031			
Left Edge	11a	157/5785	18.0	17.66	0.005	-0.12	99.06	0.005			
Right Edge	11a	157/5785	18.0	17.66	0.408	-0.17	99.06	0.445			
Bottom Edge	11a	157/5785	18.0	17.66	0.000	-0.11	99.06	0.000			
Top Edge	11a	157/5785	18.0	17.66	0.000	0.18	99.06	0.000			
			WiFi F	₹							
			5.1G								
Front Surface	11a	40/5200	17.5	17.28	0.461	0.15	99.06	0.490			
Back Surface	11a	40/5200	17.5	17.28	0.024	0.01	99.06	0.025			
Left Edge	11a	40/5200	17.5	17.28	0.559	-0.02	99.06	0.594			
Right Edge	11a	40/5200	17.5	17.28	0.000	-0.05	99.06	0.000			
Bottom Edge	11a	40/5200	17.5	17.28	0.000	0.17	99.06	0.000			
Top Edge	11a	40/5200	17.5	17.28	0.000	0.17	99.06	0.000			
			5.8G								
Front Surface	11a	157/5785	18.0	17.85	0.360	0.04	99.06	0.376			
Back Surface	11a	157/5785	18.0	17.85	0.011	-0.01	99.06	0.011			
Left Edge	11a	157/5785	18.0	17.85	0.687	-0.03	99.06	0.718			
Right Edge	11a	157/5785	18.0	17.85	0.000	0.03	99.06	0.000			
Bottom Edge	11a	157/5785	18.0	17.85	0.000	0.14	99.06	0.000			
Top Edge	11a	157/5785	18.0	17.85	0.004	-0.18	99.06	0.004			

Note:

2) Calculation formula: Scaled =10^(Tune up/10) / 10^(meas./10) * Measured SAR Value * (10 / Duty Factor)

¹⁾ SAR evaluation is conducted under fixed frequency mode, the duty cycle is 100% when in fixed frequency mode, but when actual used, the duty cycle is only 16%, so the SAR result is scaled down to 16% duty cycle depending on result of 100%.



12.3.SAR Test Results of SRD 2.4GHz

Test Mode Channel/ (Bm/y Frequency Tune-up Meas. 1-g (W/Kg) Cycle (W/Kg) Tune-up Meas. 1-g (W/Kg) Tune-up M	12.3.071	rest results of SRD 2.4GHZ								
Front Surface		Test Mode								
Name	(Body Sillill)		Frequency	Tune-up	Meas.	1-g (W/Kg)	Drift	(%)	(w/kg)	
Back Surface SDR 40M 2437.5 25.0 24.34 2.710 0.07 100.00 0.050		<u>'</u>		•	Ò					
Left Edge	Front Surface	SDR 40M	2437.5	25.0	24.34	0.269	-0.08	100.00	0.050	
Right Edge SDR 40M 2437.5 25.0 24.34 0.207 -0.19 100.00 0.039	Back Surface	SDR 40M	2437.5	25.0	24.34	2.710	0.07	100.00	0.505	
Bottom Edge SDR 40M 2437.5 25.0 24.34 0.015 0.12 100.00 0.003 Top Edge SDR 40M 2437.5 25.0 24.34 0.246 0.10 100.00 0.046 Top Edge SDR 40M 2422.5 25.0 23.93 2.380 0.00 100.00 0.487 Top Edge SDR 40M 2452.5 25.0 23.31 2.450 -0.13 100.00 0.578	Left Edge	SDR 40M	2437.5	25.0	24.34	0.009	0.05	100.00	0.002	
Top Edge SDR 40M 2437.5 25.0 24.34 0.246 0.10 100.00 0.046	Right Edge	SDR 40M	2437.5	25.0	24.34	0.207	-0.19	100.00	0.039	
Top Edge SDR 40M 2422.5 25.0 23.93 2.380 0.00 100.00 0.487 Top Edge SDR 40M 2452.5 25.0 23.31 2.450 -0.13 100.00 0.578 worst mode retest Eack Surface SDR 40M 2437.5 25.0 24.34 2.700 -0.01 100.00 0.503 ANT1 Front Surface SDR 40M 2422.5 25.0 23.88 0.226 0.04 100.00 0.047 Back Surface SDR 40M 2422.5 25.0 23.88 0.226 0.04 100.00 0.489 Left Edge SDR 40M 2422.5 25.0 23.88 0.417 0.14 100.00 0.086 Right Edge SDR 40M 2422.5 25.0 23.88 0.003 0.09 100.00 0.003 Top Edge SDR 40M 2422.5 25.0 23.88 0.013 0.08 100.00 0.034 Back Surface<	Bottom Edge	SDR 40M	2437.5	25.0	24.34	0.015	0.12	100.00	0.003	
Top Edge SDR 40M 2452.5 25.0 23.31 2.450 -0.13 100.00 0.578 worst mode retest	Top Edge	SDR 40M	2437.5	25.0	24.34	0.246	0.10	100.00	0.046	
Back Surface SDR 40M 2437.5 25.0 24.34 2.700 -0.01 100.00 0.503	Top Edge	SDR 40M	2422.5	25.0	23.93	2.380	0.00	100.00	0.487	
Back Surface SDR 40M 2437.5 25.0 24.34 2.700 -0.01 100.00 0.503	Top Edge	SDR 40M	2452.5	25.0	23.31	2.450	-0.13	100.00	0.578	
Front Surface SDR 40M 2422.5 25.0 23.88 0.226 0.04 100.00 0.047 Back Surface SDR 40M 2422.5 25.0 23.88 2.360 -0.19 100.00 0.489 Left Edge SDR 40M 2422.5 25.0 23.88 0.417 0.14 100.00 0.086 Right Edge SDR 40M 2422.5 25.0 23.88 0.008 -0.09 100.00 0.002 Bottom Edge SDR 40M 2422.5 25.0 23.88 0.013 0.08 100.00 0.003 Top Edge SDR 40M 2422.5 25.0 23.88 0.166 0.04 100.00 0.034 Back Surface SDR 40M 2437.5 25.0 23.42 2.330 0.14 100.00 0.536 Back Surface SDR 40M 2437.5 25.0 23.76 2.210 -0.06 100.00 0.470 worst mode retest Back Surface SDR 40M 2437.5 25.0 23.76 2.210 -0.06 100.00 0.459 Front Surface SDR 40M 2437.5 25.0 24.06 0.445 -0.06 100.00 0.038 Back Surface SDR 40M 2437.5 25.0 24.06 0.045 -0.16 100.00 0.038 Back Surface SDR 40M 2437.5 25.0 24.06 0.066 -0.16 100.00 0.033 Left Edge SDR 40M 2437.5 25.0 24.06 0.066 -0.16 100.00 0.003 Right Edge SDR 40M 2437.5 25.0 24.06 0.021 0.07 100.00 0.004 Bottom Edge SDR 40M 2437.5 25.0 24.06 0.021 0.07 100.00 0.004 Bottom Edge SDR 40M 2437.5 25.0 24.06 0.028 0.00 100.00 0.002 Top Edge SDR 40M 2437.5 25.0 24.06 0.028 0.00 100.00 0.003 Front Surface SDR 40M 2437.5 25.0 23.40 0.028 0.00 100.00 0.004 Front Surface SDR 40M 2452.5 25.0 23.86 0.418 0.16 100.00 0.093 Front Surface SDR 40M 2452.5 25.0 23.86 0.039 -0.09 100.00 0.008 Left Edge SDR 40M 2452.5 25.0 23.86 0.001 -0.11 100.00 0.008 Left Edge SDR 40M 2452.5 25.0 23.86 0.001 -0.11 100.00 0.008 Right Edge SDR 40M 2452.5 25.0 23.86 0.001 -0.11 100.00 0.008 Edge SDR 40M 2452.5 25.0 23.86 0.001 -0.11 100.00 0.008 Edge SDR 40M 2452.5 25.0 23.86 0.001 -0.11 100.00 0.008 Edge SDR 40M 2452.5				worst mode	retest	•		•		
Front Surface SDR 40M 2422.5 25.0 23.88 0.226 0.04 100.00 0.047	Back Surface	SDR 40M	2437.5	25.0	24.34	2.700	-0.01	100.00	0.503	
Back Surface SDR 40M 2422.5 25.0 23.88 2.360 -0.19 100.00 0.489 Left Edge SDR 40M 2422.5 25.0 23.88 0.417 0.14 100.00 0.086 Right Edge SDR 40M 2422.5 25.0 23.88 0.008 -0.09 100.00 0.002 Bottom Edge SDR 40M 2422.5 25.0 23.88 0.013 0.08 100.00 0.003 Top Edge SDR 40M 2422.5 25.0 23.88 0.166 0.04 100.00 0.034 Back Surface SDR 40M 2437.5 25.0 23.42 2.330 0.14 100.00 0.536 Back Surface SDR 40M 2437.5 25.0 23.76 2.210 -0.06 100.00 0.470 Worst mode retest Back Surface SDR 40M 2437.5 25.0 24.06 0.445 -0.06 100.00 0.088 Back Surface SDR 40M 2437.				ANT ²	1					
Left Edge SDR 40M 2422.5 25.0 23.88 0.417 0.14 100.00 0.086 Right Edge SDR 40M 2422.5 25.0 23.88 0.008 -0.09 100.00 0.002 Bottom Edge SDR 40M 2422.5 25.0 23.88 0.013 0.08 100.00 0.003 Top Edge SDR 40M 2422.5 25.0 23.88 0.166 0.04 100.00 0.034 Back Surface SDR 40M 2437.5 25.0 23.42 2.330 0.14 100.00 0.536 Back Surface SDR 40M 2452.5 25.0 23.76 2.210 -0.06 100.00 0.470 worst mode retest Back Surface SDR 40M 2437.5 25.0 24.06 2.310 0.03 100.00 0.459 **Norface SDR 40M 2437.5 25.0 24.06 0.445 -0.06 100.00 0.088 Back Surface SDR 40M 2437.5 </td <td>Front Surface</td> <td>SDR 40M</td> <td>2422.5</td> <td>25.0</td> <td>23.88</td> <td>0.226</td> <td>0.04</td> <td>100.00</td> <td>0.047</td>	Front Surface	SDR 40M	2422.5	25.0	23.88	0.226	0.04	100.00	0.047	
Right Edge SDR 40M 2422.5 25.0 23.88 0.008 -0.09 100.00 0.002 Bottom Edge SDR 40M 2422.5 25.0 23.88 0.013 0.08 100.00 0.003 Top Edge SDR 40M 2422.5 25.0 23.88 0.166 0.04 100.00 0.034 Back Surface SDR 40M 2437.5 25.0 23.42 2.330 0.14 100.00 0.536 Back Surface SDR 40M 2437.5 25.0 23.76 2.210 -0.06 100.00 0.470 worst mode retest Back Surface SDR 40M 2437.5 25.0 24.06 0.310 0.03 100.00 0.459 *** ANT4** Front Surface SDR 40M 2437.5 25.0 24.06 0.445 -0.06 100.00 0.088 Back Surface SDR 40M 2437.5 25.0 24.06 0.066 -0.16 100.00 0.003	Back Surface	SDR 40M	2422.5	25.0	23.88	2.360	-0.19	100.00	0.489	
Bottom Edge SDR 40M 2422.5 25.0 23.88 0.013 0.08 100.00 0.003 Top Edge SDR 40M 2422.5 25.0 23.88 0.166 0.04 100.00 0.034 Back Surface SDR 40M 2437.5 25.0 23.42 2.330 0.14 100.00 0.536 Back Surface SDR 40M 2452.5 25.0 23.76 2.210 -0.06 100.00 0.470	Left Edge	SDR 40M	2422.5	25.0	23.88	0.417	0.14	100.00	0.086	
Top Edge SDR 40M 2422.5 25.0 23.88 0.166 0.04 100.00 0.034 Back Surface SDR 40M 2437.5 25.0 23.42 2.330 0.14 100.00 0.536 Back Surface SDR 40M 2452.5 25.0 23.76 2.210 -0.06 100.00 0.470 worst mode retest Back Surface SDR 40M 2437.5 25.0 24.06 2.310 0.03 100.00 0.459 ANT4 Front Surface SDR 40M 2437.5 25.0 24.06 0.445 -0.06 100.00 0.088 Back Surface SDR 40M 2437.5 25.0 24.06 0.066 -0.16 100.00 0.013 Left Edge SDR 40M 2437.5 25.0 24.06 0.015 0.08 100.00 0.003 Right Edge SDR 40M 2437.5 25.0 24.06 0.021 0.07 100.00 0.002 <td colsp<="" td=""><td>Right Edge</td><td>SDR 40M</td><td>2422.5</td><td>25.0</td><td>23.88</td><td>0.008</td><td>-0.09</td><td>100.00</td><td>0.002</td></td>	<td>Right Edge</td> <td>SDR 40M</td> <td>2422.5</td> <td>25.0</td> <td>23.88</td> <td>0.008</td> <td>-0.09</td> <td>100.00</td> <td>0.002</td>	Right Edge	SDR 40M	2422.5	25.0	23.88	0.008	-0.09	100.00	0.002
Back Surface SDR 40M 2437.5 25.0 23.42 2.330 0.14 100.00 0.536 Back Surface SDR 40M 2452.5 25.0 23.76 2.210 -0.06 100.00 0.470 worst mode retest ANT4 Front Surface SDR 40M 2437.5 25.0 24.06 0.445 -0.06 100.00 0.088 Back Surface SDR 40M 2437.5 25.0 24.06 0.0445 -0.06 100.00 0.088 Back Surface SDR 40M 2437.5 25.0 24.06 0.066 -0.16 100.00 0.013 Left Edge SDR 40M 2437.5 25.0 24.06 0.015 0.08 100.00 0.003 Right Edge SDR 40M 2437.5 25.0 24.06 0.021 0.07 100.00 0.002 Top Edge SDR 40M 2437.5 25.0 24.06 0.028 0.00 100.00 0.006 Front Surface </td <td>Bottom Edge</td> <td>SDR 40M</td> <td>2422.5</td> <td>25.0</td> <td>23.88</td> <td>0.013</td> <td>0.08</td> <td>100.00</td> <td>0.003</td>	Bottom Edge	SDR 40M	2422.5	25.0	23.88	0.013	0.08	100.00	0.003	
Back Surface SDR 40M 2452.5 25.0 23.76 2.210 -0.06 100.00 0.470 worst mode retest Back Surface SDR 40M 2437.5 25.0 24.06 2.310 0.03 100.00 0.459 ANT4 Front Surface SDR 40M 2437.5 25.0 24.06 0.445 -0.06 100.00 0.088 Back Surface SDR 40M 2437.5 25.0 24.06 0.066 -0.16 100.00 0.013 Left Edge SDR 40M 2437.5 25.0 24.06 0.066 -0.16 100.00 0.003 Right Edge SDR 40M 2437.5 25.0 24.06 0.021 0.07 100.00 0.004 Bottom Edge SDR 40M 2437.5 25.0 24.06 0.021 0.07 100.00 0.002 Top Edge SDR 40M 2437.5 25.0 24.06 0.028 0.00 100.00 0.006 Front	Top Edge	SDR 40M	2422.5	25.0	23.88	0.166	0.04	100.00	0.034	
Worst mode retest Back Surface SDR 40M 2437.5 25.0 24.06 2.310 0.03 100.00 0.459 ANT4 Front Surface SDR 40M 2437.5 25.0 24.06 0.445 -0.06 100.00 0.088 Back Surface SDR 40M 2437.5 25.0 24.06 0.066 -0.16 100.00 0.013 Left Edge SDR 40M 2437.5 25.0 24.06 0.015 0.08 100.00 0.003 Right Edge SDR 40M 2437.5 25.0 24.06 0.021 0.07 100.00 0.004 Bottom Edge SDR 40M 2437.5 25.0 24.06 0.021 0.07 100.00 0.002 Top Edge SDR 40M 2437.5 25.0 24.06 0.028 0.00 100.00 0.006 Front Surface SDR 40M 2452.5 25.0 23.73 0.433 -0.11 100.00 0.094 Eront	Back Surface	SDR 40M	2437.5	25.0	23.42	2.330	0.14	100.00	0.536	
Back Surface SDR 40M 2437.5 25.0 24.06 2.310 0.03 100.00 0.459 ANT4 Front Surface SDR 40M 2437.5 25.0 24.06 0.445 -0.06 100.00 0.088 Back Surface SDR 40M 2437.5 25.0 24.06 0.066 -0.16 100.00 0.013 Left Edge SDR 40M 2437.5 25.0 24.06 0.015 0.08 100.00 0.003 Right Edge SDR 40M 2437.5 25.0 24.06 0.021 0.07 100.00 0.004 Bottom Edge SDR 40M 2437.5 25.0 24.06 0.021 0.07 100.00 0.002 Top Edge SDR 40M 2437.5 25.0 24.06 0.028 0.00 100.00 0.006 Front Surface SDR 40M 2452.5 25.0 23.73 0.433 -0.11 100.00 0.094 Errort Surface SDR 40M 2452.5 25	Back Surface	SDR 40M	2452.5	25.0	23.76	2.210	-0.06	100.00	0.470	
ANT4 Front Surface SDR 40M 2437.5 25.0 24.06 0.445 -0.06 100.00 0.088 Back Surface SDR 40M 2437.5 25.0 24.06 0.066 -0.16 100.00 0.013 Left Edge SDR 40M 2437.5 25.0 24.06 0.015 0.08 100.00 0.003 Right Edge SDR 40M 2437.5 25.0 24.06 0.021 0.07 100.00 0.004 Bottom Edge SDR 40M 2437.5 25.0 24.06 0.009 -0.12 100.00 0.002 Top Edge SDR 40M 2437.5 25.0 24.06 0.028 0.00 100.00 0.006 Front Surface SDR 40M 2422.5 25.0 23.73 0.433 -0.11 100.00 0.093 Front Surface SDR 40M 2452.5 25.0 23.86 0.418 0.16 100.00 0.087 Back Surface SDR 40M 2452.5 25.0				worst mode	retest					
Front Surface SDR 40M 2437.5 25.0 24.06 0.445 -0.06 100.00 0.088 Back Surface SDR 40M 2437.5 25.0 24.06 0.066 -0.16 100.00 0.013 Left Edge SDR 40M 2437.5 25.0 24.06 0.015 0.08 100.00 0.003 Right Edge SDR 40M 2437.5 25.0 24.06 0.021 0.07 100.00 0.004 Bottom Edge SDR 40M 2437.5 25.0 24.06 0.009 -0.12 100.00 0.002 Top Edge SDR 40M 2437.5 25.0 24.06 0.028 0.00 100.00 0.006 Front Surface SDR 40M 2422.5 25.0 23.73 0.433 -0.11 100.00 0.093 Front Surface SDR 40M 2452.5 25.0 23.86 0.418 0.16 100.00 0.087 Back Surface SDR 40M 2452.5 25.0 23.86 0.039 <td< td=""><td>Back Surface</td><td>SDR 40M</td><td>2437.5</td><td>25.0</td><td>24.06</td><td>2.310</td><td>0.03</td><td>100.00</td><td>0.459</td></td<>	Back Surface	SDR 40M	2437.5	25.0	24.06	2.310	0.03	100.00	0.459	
Back Surface SDR 40M 2437.5 25.0 24.06 0.066 -0.16 100.00 0.013 Left Edge SDR 40M 2437.5 25.0 24.06 0.015 0.08 100.00 0.003 Right Edge SDR 40M 2437.5 25.0 24.06 0.021 0.07 100.00 0.004 Bottom Edge SDR 40M 2437.5 25.0 24.06 0.009 -0.12 100.00 0.002 Top Edge SDR 40M 2437.5 25.0 24.06 0.028 0.00 100.00 0.006 Front Surface SDR 40M 2422.5 25.0 23.73 0.433 -0.11 100.00 0.093 Front Surface SDR 40M 2452.5 25.0 23.44 0.409 -0.13 100.00 0.094 ANT5 Front Surface SDR 40M 2452.5 25.0 23.86 0.418 0.16 100.00 0.087 Back Surface SDR 40M 2452.5 25				ANT4	4					
Left Edge SDR 40M 2437.5 25.0 24.06 0.015 0.08 100.00 0.003 Right Edge SDR 40M 2437.5 25.0 24.06 0.021 0.07 100.00 0.004 Bottom Edge SDR 40M 2437.5 25.0 24.06 0.009 -0.12 100.00 0.002 Top Edge SDR 40M 2437.5 25.0 24.06 0.028 0.00 100.00 0.006 Front Surface SDR 40M 2422.5 25.0 23.73 0.433 -0.11 100.00 0.093 Front Surface SDR 40M 2452.5 25.0 23.44 0.409 -0.13 100.00 0.094 ANT5 Front Surface SDR 40M 2452.5 25.0 23.86 0.418 0.16 100.00 0.087 Back Surface SDR 40M 2452.5 25.0 23.86 0.039 -0.09 100.00 0.002 Right Edge SDR 40M 2452.5 25.0	Front Surface	SDR 40M	2437.5	25.0	24.06	0.445	-0.06	100.00	0.088	
Right Edge SDR 40M 2437.5 25.0 24.06 0.021 0.07 100.00 0.004 Bottom Edge SDR 40M 2437.5 25.0 24.06 0.009 -0.12 100.00 0.002 Top Edge SDR 40M 2437.5 25.0 24.06 0.028 0.00 100.00 0.006 Front Surface SDR 40M 2422.5 25.0 23.73 0.433 -0.11 100.00 0.093 Front Surface SDR 40M 2452.5 25.0 23.44 0.409 -0.13 100.00 0.094 ANT5 Front Surface SDR 40M 2452.5 25.0 23.86 0.418 0.16 100.00 0.087 Back Surface SDR 40M 2452.5 25.0 23.86 0.039 -0.09 100.00 0.008 Left Edge SDR 40M 2452.5 25.0 23.86 0.010 -0.11 100.00 0.002 Right Edge SDR 40M 2452.5 25.	Back Surface	SDR 40M	2437.5	25.0	24.06	0.066	-0.16	100.00	0.013	
Bottom Edge SDR 40M 2437.5 25.0 24.06 0.009 -0.12 100.00 0.002 Top Edge SDR 40M 2437.5 25.0 24.06 0.028 0.00 100.00 0.006 Front Surface SDR 40M 2422.5 25.0 23.73 0.433 -0.11 100.00 0.093 Front Surface SDR 40M 2452.5 25.0 23.44 0.409 -0.13 100.00 0.094 ANT5 Front Surface SDR 40M 2452.5 25.0 23.86 0.418 0.16 100.00 0.087 Back Surface SDR 40M 2452.5 25.0 23.86 0.039 -0.09 100.00 0.008 Left Edge SDR 40M 2452.5 25.0 23.86 0.010 -0.11 100.00 0.002 Right Edge SDR 40M 2452.5 25.0 23.86 0.037 0.02 100.00 0.008 Bottom Edge SDR 40M 2452.5 25	Left Edge	SDR 40M	2437.5	25.0	24.06	0.015	0.08	100.00	0.003	
Top Edge SDR 40M 2437.5 25.0 24.06 0.028 0.00 100.00 0.006 Front Surface SDR 40M 2422.5 25.0 23.73 0.433 -0.11 100.00 0.093 Front Surface SDR 40M 2452.5 25.0 23.44 0.409 -0.13 100.00 0.094 ANT5 Front Surface SDR 40M 2452.5 25.0 23.86 0.418 0.16 100.00 0.087 Back Surface SDR 40M 2452.5 25.0 23.86 0.039 -0.09 100.00 0.008 Left Edge SDR 40M 2452.5 25.0 23.86 0.010 -0.11 100.00 0.002 Right Edge SDR 40M 2452.5 25.0 23.86 0.037 0.02 100.00 0.008 Bottom Edge SDR 40M 2452.5 25.0 23.86 0.001 0.12 100.00 0.004 Front Surface SDR 40M 2452.5	Right Edge	SDR 40M	2437.5	25.0	24.06	0.021	0.07	100.00	0.004	
Front Surface SDR 40M 2422.5 25.0 23.73 0.433 -0.11 100.00 0.093 Front Surface SDR 40M 2452.5 25.0 23.44 0.409 -0.13 100.00 0.094 ANT5 Front Surface SDR 40M 2452.5 25.0 23.86 0.418 0.16 100.00 0.087 Back Surface SDR 40M 2452.5 25.0 23.86 0.039 -0.09 100.00 0.008 Left Edge SDR 40M 2452.5 25.0 23.86 0.010 -0.11 100.00 0.002 Right Edge SDR 40M 2452.5 25.0 23.86 0.037 0.02 100.00 0.008 Bottom Edge SDR 40M 2452.5 25.0 23.86 0.001 0.12 100.00 0.000 Top Edge SDR 40M 2452.5 25.0 23.86 0.020 0.09 100.00 0.004 Front Surface SDR 40M 2452.5	Bottom Edge	SDR 40M	2437.5	25.0	24.06	0.009	-0.12	100.00	0.002	
Front Surface SDR 40M 2452.5 25.0 23.44 0.409 -0.13 100.00 0.094 ANT5 Front Surface SDR 40M 2452.5 25.0 23.86 0.418 0.16 100.00 0.087 Back Surface SDR 40M 2452.5 25.0 23.86 0.039 -0.09 100.00 0.008 Left Edge SDR 40M 2452.5 25.0 23.86 0.010 -0.11 100.00 0.002 Right Edge SDR 40M 2452.5 25.0 23.86 0.037 0.02 100.00 0.008 Bottom Edge SDR 40M 2452.5 25.0 23.86 0.001 0.12 100.00 0.000 Top Edge SDR 40M 2452.5 25.0 23.86 0.020 0.09 100.00 0.004 Front Surface SDR 40M 2422.5 25.0 23.34 0.403 0.02 100.00 0.094	Top Edge	SDR 40M	2437.5	25.0	24.06	0.028	0.00	100.00	0.006	
ANT5 Front Surface SDR 40M 2452.5 25.0 23.86 0.418 0.16 100.00 0.087 Back Surface SDR 40M 2452.5 25.0 23.86 0.039 -0.09 100.00 0.008 Left Edge SDR 40M 2452.5 25.0 23.86 0.010 -0.11 100.00 0.002 Right Edge SDR 40M 2452.5 25.0 23.86 0.037 0.02 100.00 0.008 Bottom Edge SDR 40M 2452.5 25.0 23.86 0.001 0.12 100.00 0.000 Top Edge SDR 40M 2452.5 25.0 23.86 0.020 0.09 100.00 0.004 Front Surface SDR 40M 2422.5 25.0 23.34 0.403 0.02 100.00 0.094	Front Surface	SDR 40M	2422.5	25.0	23.73	0.433	-0.11	100.00	0.093	
Front Surface SDR 40M 2452.5 25.0 23.86 0.418 0.16 100.00 0.087 Back Surface SDR 40M 2452.5 25.0 23.86 0.039 -0.09 100.00 0.008 Left Edge SDR 40M 2452.5 25.0 23.86 0.010 -0.11 100.00 0.002 Right Edge SDR 40M 2452.5 25.0 23.86 0.037 0.02 100.00 0.008 Bottom Edge SDR 40M 2452.5 25.0 23.86 0.001 0.12 100.00 0.000 Top Edge SDR 40M 2452.5 25.0 23.86 0.020 0.09 100.00 0.004 Front Surface SDR 40M 2422.5 25.0 23.34 0.403 0.02 100.00 0.094	Front Surface	SDR 40M	2452.5	25.0	23.44	0.409	-0.13	100.00	0.094	
Back Surface SDR 40M 2452.5 25.0 23.86 0.039 -0.09 100.00 0.008 Left Edge SDR 40M 2452.5 25.0 23.86 0.010 -0.11 100.00 0.002 Right Edge SDR 40M 2452.5 25.0 23.86 0.037 0.02 100.00 0.008 Bottom Edge SDR 40M 2452.5 25.0 23.86 0.001 0.12 100.00 0.000 Top Edge SDR 40M 2452.5 25.0 23.86 0.020 0.09 100.00 0.004 Front Surface SDR 40M 2422.5 25.0 23.34 0.403 0.02 100.00 0.094				ANT:	5					
Left Edge SDR 40M 2452.5 25.0 23.86 0.010 -0.11 100.00 0.002 Right Edge SDR 40M 2452.5 25.0 23.86 0.037 0.02 100.00 0.008 Bottom Edge SDR 40M 2452.5 25.0 23.86 0.001 0.12 100.00 0.000 Top Edge SDR 40M 2452.5 25.0 23.86 0.020 0.09 100.00 0.004 Front Surface SDR 40M 2422.5 25.0 23.34 0.403 0.02 100.00 0.094	Front Surface	SDR 40M	2452.5	25.0	23.86	0.418	0.16	100.00	0.087	
Right Edge SDR 40M 2452.5 25.0 23.86 0.037 0.02 100.00 0.008 Bottom Edge SDR 40M 2452.5 25.0 23.86 0.001 0.12 100.00 0.000 Top Edge SDR 40M 2452.5 25.0 23.86 0.020 0.09 100.00 0.004 Front Surface SDR 40M 2422.5 25.0 23.34 0.403 0.02 100.00 0.094	Back Surface	SDR 40M	2452.5	25.0	23.86	0.039	-0.09	100.00	0.008	
Bottom Edge SDR 40M 2452.5 25.0 23.86 0.001 0.12 100.00 0.000 Top Edge SDR 40M 2452.5 25.0 23.86 0.020 0.09 100.00 0.004 Front Surface SDR 40M 2422.5 25.0 23.34 0.403 0.02 100.00 0.094	Left Edge	SDR 40M	2452.5	25.0	23.86	0.010	-0.11	100.00	0.002	
Top Edge SDR 40M 2452.5 25.0 23.86 0.020 0.09 100.00 0.004 Front Surface SDR 40M 2422.5 25.0 23.34 0.403 0.02 100.00 0.094	Right Edge	SDR 40M	2452.5	25.0	23.86	0.037	0.02	100.00	0.008	
Front Surface SDR 40M 2422.5 25.0 23.34 0.403 0.02 100.00 0.094	Bottom Edge	SDR 40M	2452.5	25.0	23.86	0.001	0.12	100.00	0.000	
	Top Edge	SDR 40M	2452.5	25.0	23.86	0.020	0.09	100.00	0.004	
Front Surface SDR 40M 2437.5 25.0 23.31 0.412 -0.04 100.00 0.097	Front Surface	SDR 40M	2422.5	25.0	23.34	0.403	0.02	100.00	0.094	
	Front Surface	SDR 40M	2437.5	25.0	23.31	0.412	-0.04	100.00	0.097	



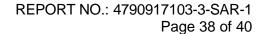
12.4.SAR Test Results of SRD 5.1GHz

12.4.GAN Test Nesults of SND 3.1GHz										
Test Position (Body 5mm)	Test Mode	Channel/ Frequency	Pow (dBr		Measured SAR Value	Power Drift	Duty Cycle	Scaled (W/Kg)		
(Body Sillil)		rrequericy	Tune-up	Meas.	1-g (W/Kg)	Dilit	(%)	(w/rtg)		
			ANT)						
Front Surface	SDR 40M	5200	17.5	17.07	0.082	-0.10	100.00	0.014		
Back Surface	SDR 40M	5200	17.5	17.07	1.780	0.01	100.00	0.314		
Left Edge	SDR 40M	5200	17.5	17.07	0.013	-0.10	100.00	0.002		
Right Edge	SDR 40M	5200	17.5	17.07	0.064	-0.01	100.00	0.011		
Bottom Edge	SDR 40M	5200	17.5	17.07	0.020	-0.02	100.00	0.004		
Top Edge	SDR 40M	5200	17.5	17.07	0.047	-0.16	100.00	0.008		
Back Surface	SDR 40M	5170	8.0	7.18	0.082	-0.04	100.00	0.016		
Back Surface	SDR 40M	5230	16.0	15.43	1.530	-0.01	100.00	0.279		
			ANT [']	1						
Front Surface	SDR 20M	5240	18.5	17.82	0.043	-0.08	100.00	0.008		
Back Surface	SDR 20M	5240	18.5	17.82	0.735	-0.14	100.00	0.138		
Left Edge	SDR 20M	5240	18.5	17.82	0.058	-0.05	100.00	0.011		
Right Edge	SDR 20M	5240	18.5	17.82	0.010	0.01	100.00	0.002		
Bottom Edge	SDR 20M	5240	18.5	17.82	0.027	-0.15	100.00	0.005		
Top Edge	SDR 20M	5240	18.5	17.82	0.041	-0.10	100.00	0.008		
Back Surface	SDR 20M	5161	6.0	5.10	0.035	-0.10	100.00	0.007		
Back Surface	SDR 20M	5200	18.5	17.70	0.647	-0.13	100.00	0.124		
			ANT4	4						
Front Surface	SDR 80M	5210	17.5	16.60	0.070	-0.02	100.00	0.014		
Back Surface	SDR 80M	5210	17.5	16.60	0.031	-0.08	100.00	0.006		
Left Edge	SDR 80M	5210	17.5	16.60	0.000	0.01	100.00	0.000		
Right Edge	SDR 80M	5210	17.5	16.60	0.000	-0.16	100.00	0.000		
Bottom Edge	SDR 80M	5210	17.5	16.60	0.000	-0.02	100.00	0.000		
Top Edge	SDR 80M	5210	17.5	16.60	0.009	-0.09	100.00	0.002		
Front Surface	SDR 80M	5190	12.0	11.03	0.006	-0.13	100.00	0.001		
			ANT:	5						
Front Surface	SDR 40M	5200	17.0	16.02	0.082	-0.13	100.00	0.016		
Back Surface	SDR 40M	5200	17.0	16.02	0.028	-0.06	100.00	0.006		
Left Edge	SDR 40M	5200	17.0	16.02	0.000	-0.15	100.00	0.000		
Right Edge	SDR 40M	5200	17.0	16.02	0.015	-0.02	100.00	0.003		
Bottom Edge	SDR 40M	5200	17.0	16.02	0.000	-0.13	100.00	0.000		
Top Edge	SDR 40M	5200	17.0	16.02	0.010	-0.16	100.00	0.002		
Front Surface	SDR 40M	5170	8.0	7.25	0.076	-0.17	100.00	0.014		
Front Surface	SDR 40M	5230	17.0	15.52	0.079	-0.09	100.00	0.018		



12.5. SAR Test Results of SRD 5.8GHz

Test Position		Channel/	Pow (dB		Measured SAR Value	Power	Duty	Scaled
(Body 5mm)	Test Mode	Frequency	Tune- up	Meas.	1-g (W/Kg)	Drift	Cycle (%)	(W/Kg)
			ANT0					
Front Surface	SDR 20M	5787.5	26.0	25.72	0.615	-0.08	100.00	0.105
Back Surface	SDR 20M	5787.5	26.0	25.72	3.250	-0.14	100.00	0.555
Left Edge	SDR 20M	5787.5	26.0	25.72	0.070	-0.05	100.00	0.012
Right Edge	SDR 20M	5787.5	26.0	25.72	0.703	-0.06	100.00	0.120
Bottom Edge	SDR 20M	5787.5	26.0	25.72	0.124	-0.17	100.00	0.021
Top Edge	SDR 20M	5787.5	26.0	25.72	0.259	-0.07	100.00	0.044
Back Surface	SDR 20M	5735.5	26.0	25.60	3.030	-0.11	100.00	0.532
Back Surface	SDR 20M	5839.5	26.0	25.07	3.210	-0.05	100.00	0.636
			ANT1					
Front Surface	SDR 20M	5839.5	27.0	26.66	0.571	-0.14	100.00	0.099
Back Surface	SDR 20M	5839.5	27.0	26.66	1.880	-0.18	100.00	0.325
Left Edge	SDR 20M	5839.5	27.0	26.66	0.575	-0.08	100.00	0.099
Right Edge	SDR 20M	5839.5	27.0	26.66	0.034	-0.15	100.00	0.006
Bottom Edge	SDR 20M	5839.5	27.0	26.66	0.234	-0.14	100.00	0.040
Top Edge	SDR 20M	5839.5	27.0	26.66	0.434	-0.08	100.00	0.075
Back Surface	SDR 20M	5735.5	27.0	25.81	1.750	-0.07	100.00	0.368
Back Surface	SDR 20M	5787.5	27.0	26.65	1.680	-0.10	100.00	0.291
			ANT4					
Front Surface	SDR 20M	5787.5	25.0	24.28	0.775	-0.13	100.00	0.146
Back Surface	SDR 20M	5787.5	25.0	24.28	0.267	-0.19	100.00	0.050
Left Edge	SDR 20M	5787.5	25.0	24.28	0.008	-0.14	100.00	0.002
Right Edge	SDR 20M	5787.5	25.0	24.28	0.007	-0.16	100.00	0.001
Bottom Edge	SDR 20M	5787.5	25.0	24.28	0.000	-0.05	100.00	0.000
Top Edge	SDR 20M	5787.5	25.0	24.28	0.075	-0.09	100.00	0.014
Front Surface	SDR 20M	5835.5	25.0	23.96	0.665	-0.14	100.00	0.135
Front Surface	SDR 20M	5839.5	25.0	23.97	0.729	-0.13	100.00	0.148
			ANT5					
Front Surface	SDR 20M	5787.5	25.0	24.73	1.560	-0.15	100.00	0.266
Back Surface	SDR 20M	5787.5	25.0	24.73	0.540	-0.05	100.00	0.092
Left Edge	SDR 20M	5787.5	25.0	24.73	0.007	-0.17	100.00	0.001
Right Edge	SDR 20M	5787.5	25.0	24.73	0.073	-0.07	100.00	0.012
Bottom Edge	SDR 20M	5787.5	25.0	24.73	0.000	-0.01	100.00	0.000
Top Edge	SDR 20M	5787.5	25.0	24.73	0.119	-0.06	100.00	0.020
Front Surface	SDR 20M	5835.5	25.0	24.67	1.430	-0.13	100.00	0.247
Front Surface	SDR 20M	5839.5	25.0	24.67	1.510	-0.19	100.00	0.261





12.6.SAR Test Results of BT

Test Position	Test Mode	Channel/	Pow (dBı	~ -	Measured SAR Value	Power	Duty Cycle	Scaled (W/Kg)	
(Body 5mm)	Test Wode	Frequency	Tune- up	Meas.	1-g (W/Kg)	Drift	(%)		
Front Surface	BLE 1M	39/2441	3.0	2.43	0.000	-0.17	77.01	0.000	
Back Surface	BLE 1M	39/2441	3.0	2.43	0.000	-0.09	77.01	0.000	
Left Edge	BLE 1M	39/2441	3.0	2.43	0.000	-0.08	77.01	0.000	
Right Edge	BLE 1M	39/2441	3.0	2.43	0.000	-0.09	77.01	0.000	
Bottom Edge	BLE 1M	39/2441	3.0	2.43	0.000	-0.12	77.01	0.000	
Top Edge	BLE 1M	39/2441	3.0	2.43	0.000	-0.19	77.01	0.000	
Back Surface	BLE 1M	0/2402	3.0	1.01	0.000	-0.06	77.01	0.000	
Back Surface	BLE 1M	78/2441	3.0	1.82	0.000	-0.18	77.01	0.000	



13. Simultaneous Transmission SAR Analysis

2.4G SRD+5G wifi+BT and 5G SRD+2.4G Wifi+BT simultaneous transmission supported.

Component code	1	2	3	4	5	6	7	8	9	10	11	12	13
Test Position	2.4G WIFI WiFi L	2.4G WIFI WiFi R	U-NII Max WiFi L	U-NII Max WiFi R	BT WiFi L	2.4G SDR ANT0	2.4G SDR ANT1	2.4G SDR ANT4	2.4G SDR ANT5	5G SDR Max ANT0	5G SDR Max ANT1	5G SDR Max ANT4	5G SDR Max ANT5
Front Surface	0.346	0.278	0.325	0.490	0.000	0.050	0.047	0.093	0.097	0.105	0.099	0.148	0.266
Back Surface	0.048	0.013	0.037	0.025	0.000	0.578	0.536	0.013	0.008	0.636	0.368	0.050	0.092
Left Edge	0.001	1.036	0.005	0.718	0.000	0.002	0.086	0.003	0.002	0.012	0.099	0.002	0.001
Right Edge	0.977	0.000	0.481	0.000	0.000	0.039	0.002	0.004	0.008	0.120	0.006	0.001	0.012
Bottom Edge	0.043	0.010	0.000	0.000	0.000	0.003	0.003	0.002	0.000	0.021	0.040	0.000	0.000
Top Edge	0.008	0.000	0.000	0.004	0.000	0.046	0.034	0.006	0.004	0.044	0.075	0.014	0.020

MIMO is supported, the pairs of MIMO antenna is as below.

Test Position	1+2	3+4	2+5	4+5	6+7	6+9	7+8	8+9	10+11	10+13	11+12	12+13
Front Surface	0.624	0.815	0.278	0.490	0.097	0.147	0.140	0.190	0.204	0.371	0.247	0.414
Back Surface	0.060	0.063	0.013	0.025	1.114	0.586	0.549	0.021	1.004	0.728	0.418	0.142
Left Edge	1.037	0.723	1.036	0.718	0.088	0.004	0.089	0.005	0.111	0.013	0.101	0.003
Right Edge	0.977	0.481	0.000	0.000	0.040	0.046	0.006	0.012	0.126	0.132	0.007	0.014
Bottom Edge	0.053	0.000	0.010	0.000	0.005	0.003	0.004	0.002	0.062	0.021	0.040	0.000
Top Edge	0.008	0.004	0.000	0.004	0.080	0.050	0.040	0.010	0.119	0.064	0.089	0.034

Test Position	10+11+1+2	10+13+1+2	11+12+1+2	12+13+1+2	6+7+3+4	6+9+3+4	7+8+3+4	8+9+3+4
Front Surface	0.828	0.995	0.871	1.038	0.912	0.962	0.955	1.005
Back Surface	1.064	0.788	0.479	0.203	1.177	0.649	0.612	0.084
Left Edge	1.148	1.050	1.138	1.040	0.811	0.727	0.813	0.728
Right Edge	1.103	1.109	0.984	0.991	0.521	0.527	0.487	0.493
Bottom Edge	0.115	0.075	0.094	0.053	0.005	0.003	0.004	0.002
Top Edge	0.127	0.072	0.097	0.042	0.084	0.054	0.044	0.014

Test Position	10+11+2+5	10+13+2+5	11+12+2+5	12+13+2+5	6+7+4+5	6+9+4+5	7+8+4+5	8+9+4+5
Front Surface	0.481	0.648	0.524	0.691	0.586	0.637	0.629	0.680
Back Surface	1.017	0.741	0.431	0.155	1.139	0.612	0.575	0.047
Left Edge	1.147	1.049	1.137	1.039	0.806	0.722	0.807	0.723
Right Edge	0.126	0.132	0.007	0.014	0.040	0.046	0.006	0.012
Bottom Edge	0.072	0.032	0.051	0.010	0.005	0.003	0.004	0.002
Top Edge	0.119	0.064	0.089	0.034	0.084	0.054	0.044	0.014



REPORT NO.: 4790917103-3-SAR-1 Page 40 of 40

Appendixes

Refer to separated files for the following appendixes.

4790917103-3-SAR-1_App A Photo

4790917103-3-SAR-1_App B System Check Plots

4790917103-3-SAR-1_App C Highest Test Plots

4790917103-3-SAR-1_App D Cal. Certificates

-----End of Report-----