



RF EXPOSURE PART 1 TEST REPORT

Applicant Name:

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Gyeonggi-do, 16677, Korea

Date of Testing:

06/09/2025 – 07/07/2025

Test Site/Location:

Element, Columbia, MD, USA

Document Serial No.:

1M2505130050-17.A3L (Rev1)

FCC ID:

A3LSMX736B

APPLICANT:

SAMSUNG ELECTRONICS CO., LTD.

DUT Type:

Portable Computing Device

Application Type:

Certification

FCC Rule Part(s):

CFR §2.1093

Model(s):

SM-X736B

Equipment Class	Band & Mode	Tx Frequency	SAR	
			1g Laptop (mW/kg)	1g Tablet (mW/kg)
PCB	GNSS/GPS/SSCODE 850	824.20 - 848.80 MHz	0.14	0.30
PCB	GNSS/GPS/SSCODE 1900	1850.20 - 1905.80 MHz	<0.1	0.32
PCB	UMTS F 850	824.40 - 848.80 MHz	0.15	0.75
PCB	UMTS F 1900	1732.4 - 1782.4 MHz	0.12	0.66
PCB	UMTS F 1900	1850.4 - 1907.8 MHz	0.12	0.64
PCB	LTE Band 12	660.7 - 715.3 MHz	0.13	0.68
PCB	LTE Band 17	726.6 - 715.3 MHz	N/A	N/A
PCB	LTE Band 13	726.6 - 744.5 MHz	0.12	0.74
PCB	LTE Band 26	814.7 - 848.8 MHz	0.12	0.71
PCB	LTE Band 5	824.7 - 848.8 MHz	N/A	N/A
PCB	LTE Band 66	1710.7 - 1719.1 MHz	0.20	0.64
PCB	LTE Band 4	1710.7 - 1744.3 MHz	N/A	N/A
PCB	LTE Band 40	1850.7 - 1874.3 MHz	0.10	0.62
PCB	LTE Band 2	1850.7 - 1905.3 MHz	N/A	N/A
PCB	LTE Band 41	2486.5 - 2601.3 MHz	0.11	0.74
PCB	NB Band n5	824.5 - 848.5 MHz	0.14	0.60
PCB	NB Band n66	1710.5 - 1717.5 MHz	0.10	0.60
PCB	NB Band n26	1852.5 - 1912.5 MHz	0.10	0.63
PCB	NB Band n26	1852.5 - 1907.5 MHz	N/A	N/A
PCB	NB Band n41	2500.01 - 2605.00 MHz	<0.1	1.00
PCB	NB Band n77	3455.01 - 3544.98 MHz	<0.1	0.90
PCB	NR Band n77	3705 - 3975 MHz	0.20	0.81
DTB	2.4 GHz WIF1	2412 - 2472 MHz	0.20	0.81
NB	5 GHz WIF1	UNII-1: 5180 - 5240 MHz	0.22	1.00
		UNII-2A: 5650 - 5830 MHz		
		UNII-2C: 5900 - 5970 MHz		
		UNII-3: 5940 - 5960 MHz		
BCD	6 GHz WIF1	UNII-5: 6035 - 6415 MHz	<0.1	0.39
		UNII-6: 6435 - 6515 MHz		
		UNII-7: 6535 - 6875 MHz		
		UNII-8: 6895 - 7115 MHz		
SSS	2.4 GHz Bluetooth	2402 - 2480 MHz	0.10	0.32
Simultaneous SAR per FCC 680763 D01v01v03:			0.50	1.00
Equipment Class	Band & Mode	Tx Frequency	APD (W/m ²)	
			1g Laptop	1g Tablet
BCD	6 GHz WIF1	UNII-5: 5935 - 6415 MHz	0.46	1.89
		UNII-6: 6435 - 6515 MHz		
		UNII-7: 6535 - 6875 MHz		
		UNII-8: 6895 - 7115 MHz		

RF Exposure Profile	APD	Units	Exposure Limitation
SAR (1g)	0.20	W/m ²	1.00
Bluetooth (1g)	0.10	W/m ²	0.32

Note: This revised Test Report supersedes and replaces the previously issued test report on the same subject device for the same type of testing as indicated. Please discard or destroy the previously issued test report(s) and dispose of it accordingly.

This wireless portable device has been shown to be capable of compliance for localized specific absorption rate (SAR) for uncontrolled environment/general population exposure limits specified in ANSI/IEEE C95.1-1992 and has been tested in accordance with the measurement procedures specified in Section 1.9 of this report; for North American frequency bands only.

I attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them. Test results reported herein relate only to the item(s) tested.

RJ Ortanez
Executive Vice President



The SAR Tick is an initiative of the Mobile & Wireless Forum (MWF). While a product may be considered eligible, use of the SAR Tick logo requires an agreement with the MWF. Further details can be obtained by emailing: sartick@mwfai.info.

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Document S/N: 1M2505130050-17.A3L (Rev1)	DUT Type: Portable Computing Device	Page 1 of 116

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1 TEST LABORATORY INFORMATION

1.1 Introduction

This test report for device subject to testing at an accredited testing laboratory has been generated by the testing laboratory that tested the device. Detailed location and accredited information regarding the testing laboratories are provided below.

1.2 Test Laboratories Information

1.2.1 Testing Laboratory 1

Test Firm Name	ELEMENT MATERIALS TECHNOLOGY WASHINGTON DC LLC
Test Lab Location	7185 Oakland Mills Road, Columbia, MD 21046, United States Tel. +1.410.290.6652 / Fax +1.410.381.1520
Accreditation Info.	Designation Number (FCC): US1113
	Lab Code. (ISED): 2451B
	CAB Identifier (NIST): US0110
	ISO/IEC 17025 (A2LA): CERT #2041.01
	
Measurement System No.	C, E, H, J, L, N, R, S

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2 DEVICE UNDER TEST

2.1 Device Overview

Band & Mode	Operating Modes	Tx Frequency
GSM/GPRS/EDGE 850	Data	824.20 - 848.80 MHz
GSM/GPRS/EDGE 1900	Data	1850.20 - 1909.80 MHz
UMTS 850	Data	826.40 - 846.60 MHz
UMTS 1750	Data	1712.4 - 1752.6 MHz
UMTS 1900	Data	1852.4 - 1907.6 MHz
LTE Band 12	Data	699.7 - 715.3 MHz
LTE Band 17	Data	706.5 - 713.5 MHz
LTE Band 13	Data	779.5 - 784.5 MHz
LTE Band 26	Data	814.7 - 848.3 MHz
LTE Band 5	Data	824.7 - 848.3 MHz
LTE Band 66	Data	1710.7 - 1779.3 MHz
LTE Band 4	Data	1710.7 - 1754.3 MHz
LTE Band 25	Data	1850.7 - 1914.3 MHz
LTE Band 2	Data	1850.7 - 1909.3 MHz
LTE Band 41	Data	2498.5 - 2687.5 MHz
NR Band n5	Data	826.5 - 846.5 MHz
NR Band n66	Data	1712.5 - 1777.5 MHz
NR Band n25	Data	1852.5 - 1912.5 MHz
NR Band n2	Data	1852.5 - 1907.5 MHz
NR Band n41	Data	2501.01 - 2685 MHz
NR Band n77	Data	3455.01 - 3544.98 MHz; 3705 - 3975 MHz
2.4 GHz WIFI	Data	2412 - 2472 MHz
5 GHz WIFI	Data	U-NII-1: 5180 - 5240 MHz U-NII-2A: 5260 - 5320 MHz U-NII-2C: 5500 - 5720 MHz U-NII-3: 5745 - 5825 MHz U-NII-4: 5845 - 5885 MHz
6 GHz WIFI	Data	U-NII-5: 5935 - 6415 MHz U-NII-6: 6435 - 6515 MHz U-NII-7: 6535 - 6875 MHz U-NII-8: 6895 - 7115 MHz
2.4 GHz Bluetooth	Data	2402 - 2480 MHz

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2.2 Time-Averaging Algorithm for RF Exposure Compliance

This Device is enabled with Mediatek's TAS TA-SAR Gen2 feature for WWAN modes technologies. These features perform time averaging algorithm in real time to control and manage transmitting power and ensure the time-averaged RF exposure is in compliance with FCC requirements all the time. Refer to Compliance Summary document for detailed description of TAS feature (report SN could be found in Section 2.9 – Bibliography).

Note that WLAN, and Bluetooth operations are not enabled with TAS.

The TAS algorithm maintains the time-averaged transmit power, in turn, time-averaged RF exposure of SAR_{design_target}, below the predefined time-averaged power limit (i.e., Plimit for WWAN sub-6), for each characterized technology and band. Characterization is achieved by determining Plimit for WWAN sub-6 that corresponds to the exposure design targets after accounting for all device design related uncertainties, i.e., SAR_{design_target} (<FCC SAR Limit) for sub-6 radio. The SAR characterization is denoted as SAR char in this report (see RF Exposure Part 0 Test Report, report SN could be found in Section 1.4 - Bibliography).

TAS allows the device to transmit at higher power instantaneously, as high as P_{max}, when needed, but enforces power limiting to maintain time-averaged transmit power to Plimit. Below table shows Final Plimit settings and maximum tune up output power P_{max} configured for this EUT for various transmit conditions (Exposure Condition Index ECI for MediaTek). Note that the device uncertainty for sub-6GHz WWAN is 1.0dB for this EUT.

Exposure Scenario			Maximum Tune-Up Output Power*	Free	Grip Sensor #1	Grip Sensor #2	Grip Sensor #3	Grip Sensor #4	Grip Sensor #5
Averaging Volume				1g	1g	1g	1g	1g	1g
Spacing				0, 11, 19 mm	0mm	0mm	0mm	0mm	0mm
ECI				0	1	2	3	4	5
Technology/Band	Antenna	Antenna Group	P _{max}	P _{limit}	P _{limit}	P _{limit}	P _{limit}	P _{limit}	P _{limit}
GSM 850	M1	AG0	25.3	27.8	N/A	12.8	N/A	N/A	N/A
GSM 1900	M1	AG0	22.3	27.8	N/A	11.8	18.3	N/A	N/A
UMTS 850	M1	AG0	24.0	26.2	N/A	13.0	N/A	N/A	N/A
UMTS 1750	M1	AG0	24.0	27.7	N/A	12.5	19.0	N/A	N/A
UMTS 1900	M1	AG0	24.0	28.3	N/A	12.0	19.0	N/A	N/A
LTE Band 12/17	M1	AG0	24.0	28.6	N/A	15.0	N/A	N/A	N/A
LTE Band 13	M1	AG0	24.0	27.1	N/A	16.0	N/A	N/A	N/A
LTE Band 26/5	M1	AG0	24.0	26.3	N/A	13.0	N/A	N/A	N/A
LTE Band 66/4	M1	AG0	24.0	27.2	N/A	13.0	18.0	N/A	N/A
LTE Band 66	S3	AG1	23.0	11.5	11.5	11.5	11.5	11.5	11.5
LTE Band 25/2	M1	AG0	24.0	28.5	N/A	12.0	19.0	N/A	N/A
LTE Band 41 PC3	M1	AG0	22.0	26.1	N/A	10.5	15.0	N/A	N/A
LTE Band 41 PC2	M1	AG0	22.4	26.1	N/A	10.5	15.0	N/A	N/A
NR Band n5	M1	AG0	24.0	25.4	N/A	13.0	N/A	N/A	N/A
NR Band n66	M1	AG0	24.0	26.8	N/A	13.0	18.0	N/A	N/A
NR Band n25/n2	M1	AG0	24.0	28.2	N/A	12.0	19.0	N/A	N/A
NR Band n41 PC3	M1	AG0	24.0	18.0	N/A	11.0	15.0	N/A	N/A
NR Band n41 PC3	S3	AG1	18.5	6.0	6.0	6.0	6.0	6.0	6.0
NR Band n41 PC3	S2	AG1	20.5	10.5	10.5	10.5	10.5	10.5	10.5
NR Band n41 PC3	S1	AG1	22.0	16.5	N/A	N/A	N/A	N/A	11.0
NR Band n77 PC3	S4	AG1	24.0	18.0	N/A	N/A	N/A	8.0	N/A
NR Band n77 PC3	M4	AG0	20.0	13.0	N/A	N/A	7.0	N/A	N/A
NR Band n77 PC3	S2	AG1	22.0	7.5	7.5	7.5	7.5	7.5	7.5
NR Band n77 PC3	S3	AG1	22.5	8.5	8.5	8.5	8.5	8.5	8.5
NR Band n77 PC2	S4	AG1	27.0	18.0	N/A	N/A	N/A	8.0	N/A
NR Band n77 PC2	M4	AG0	20.0	13.0	N/A	N/A	7.0	N/A	N/A
NR Band n77 PC2	S2	AG1	22.0	7.5	7.5	7.5	7.5	7.5	7.5
NR Band n77 PC2	S3	AG1	22.5	8.5	8.5	8.5	8.5	8.5	8.5

*Maximum tune up output power P_{max} is used to configure EUT during RF tune up procedure. The maximum allowed output power is equal to maximum Tune up output power + 1dB device design uncertainty.

The maximum time-averaged output power (dBm) for any WWAN sub-6 technology, band, and ECI is the minimum of ("Plimit" and "Maximum tune up output power P_{max}") + 1dB device uncertainty. SAR values in this report were scaled to this maximum time-averaged output power to determine compliance per KDB Publication 447498 D04v06.

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2.3 Power Reduction for SAR

This device uses a power reduction mechanism for SAR compliance. The power reduction mechanism is activated when the device is used in close proximity to the user's body. FCC KDB Publication 616217 D04v01r02 Section 6 was used as a guideline for selecting SAR test distances for this device. Detailed descriptions of the power reduction mechanism are included in the operational description.

This device uses an independent fixed level power reduction mechanism for WLAN/BT operations when 5G NR is active. Detailed descriptions of the power reduction mechanism are included in the operational description.

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2.4 Nominal and Maximum Output Power Specifications

This device operates using the following maximum and nominal output power specifications. SAR values were scaled to the maximum allowed power to determine compliance per KDB Publication 447498 D04v01.

Note: Targets for 802.11ax RU operations can be found in 802.11ax RU SAR Exclusion Appendix.

2.4.1 Licensed Output Power

GSM/GPRS/EDGE 850										
Antenna M1										
Power Level		Voice (in dBm)	Data - Burst Average GMSK (in dBm)				Data - Burst Average 8-PSK (in dBm)			
		1 TX Slot	1 TX Slots	2 TX Slots	3 TX Slots	4 TX Slots	1 TX Slots	2 TX Slots	3 TX Slots	4 TX Slots
Pmax	Max Allowed Power	33.5	33.5	32.5	30.5	29.5	27.0	26.0	24.0	23.0
	Nominal	32.5	32.5	31.5	29.5	28.5	26.0	25.0	23.0	22.0
ECI = 0 (Free)	Max Allowed Power	33.5	33.5	32.5	30.5	29.5	27.0	26.0	24.0	23.0
	Nominal	32.5	32.5	31.5	29.5	28.5	26.0	25.0	23.0	22.0
ECI = 2 (Grip Sensor #2)	Max Allowed Power	23.0	23.0	20.0	18.2	17.0	22.0	18.5	16.5	14.5
	Nominal	22.0	22.0	19.0	17.2	16.0	21.0	17.5	15.5	13.5
GSM/GPRS/EDGE 1900										
Antenna M1										
Power Level		Voice (in dBm)	Data - Burst Average GMSK (in dBm)				Data - Burst Average 8-PSK (in dBm)			
		1 TX Slot	1 TX Slots	2 TX Slots	3 TX Slots	4 TX Slots	1 TX Slots	2 TX Slots	3 TX Slots	4 TX Slots
Pmax	Max Allowed Power	30.5	30.5	29.5	27.5	26.5	26.0	25.0	23.0	22.0
	Nominal	29.5	29.5	28.5	26.5	25.5	25.0	24.0	22.0	21.0
ECI = 0 (Free)	Max Allowed Power	30.5	30.5	29.5	27.5	26.5	26.0	25.0	23.0	22.0
	Nominal	29.5	29.5	28.5	26.5	25.5	25.0	24.0	22.0	21.0
ECI = 2 (Grip Sensor #2)	Max Allowed Power	22.0	22.0	19.0	17.2	16.0	20.5	17.0	15.0	14.0
	Nominal	21.0	21.0	18.0	16.2	15.0	19.5	16.0	14.0	13.0
ECI = 3 (Grip Sensor #3)	Max Allowed Power	28.5	28.5	25.5	23.7	22.5	26.0	25.0	23.0	22.0
	Nominal	27.5	27.5	24.5	22.7	21.5	25.0	24.0	22.0	21.0

For GSM, the above powers listed are GSM burst average values.

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UMTS Band 5 (850 MHz)					
Antenna M1					
Power Level		Modulated Average Output Power			
		3GPP WCDMA Rel 99	3GPP HSDPA Rel 5	3GPP HSUPA Rel 6	3GPP DC-HSDPA Rel 8
Pmax	Max Allowed Power	25.0	24.0	23.0	24.0
	Nominal	24.0	23.0	22.0	23.0
ECI = 0 (Free)	Max Allowed Power	25.0	24.0	23.0	24.0
	Nominal	24.0	23.0	22.0	23.0
ECI = 2 (Grip Sensor #2)	Max Allowed Power	14.0	14.0	14.0	14.0
	Nominal	13.0	13.0	13.0	13.0
UMTS Band 4 (1750 MHz)					
Antenna M1					
Power Level		Modulated Average Output Power			
		3GPP WCDMA Rel 99	3GPP HSDPA Rel 5	3GPP HSUPA Rel 6	3GPP DC-HSDPA Rel 8
Pmax	Max Allowed Power	25.0	24.0	23.0	24.0
	Nominal	24.0	23.0	22.0	23.0
ECI = 0 (Free)	Max Allowed Power	25.0	24.0	23.0	24.0
	Nominal	24.0	23.0	22.0	23.0
ECI = 2 (Grip Sensor #2)	Max Allowed Power	13.5	13.5	13.5	13.5
	Nominal	12.5	12.5	12.5	12.5
ECI = 3 (Grip Sensor #3)	Max Allowed Power	20.0	19.0	18.0	19.0
	Nominal	19.0	18.0	17.0	18.0
UMTS Band 2 (1900 MHz)					
Antenna M1					
Power Level		Modulated Average Output Power			
		3GPP WCDMA Rel 99	3GPP HSDPA Rel 5	3GPP HSUPA Rel 6	3GPP DC-HSDPA Rel 8
Pmax	Max Allowed Power	25.0	24.0	23.0	24.0
	Nominal	24.0	23.0	22.0	23.0
ECI = 0 (Free)	Max Allowed Power	25.0	24.0	23.0	24.0
	Nominal	24.0	23.0	22.0	23.0
ECI = 2 (Grip Sensor #2)	Max Allowed Power	13.0	13.0	13.0	13.0
	Nominal	12.0	12.0	12.0	12.0
ECI = 3 (Grip Sensor #3)	Max Allowed Power	20.0	19.0	18.0	19.0
	Nominal	19.0	18.0	17.0	18.0

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Mode / Band	Antenna		Modulated Average Output Power (in dBm)						
			Pmax	ECI = 0 (Free)	ECI = 1 (Grip Sensor #1)	ECI = 2 (Grip Sensor #2)	ECI = 3 (Grip Sensor #3)	ECI = 4 (Grip Sensor #4)	ECI = 5 (Grip Sensor #5)
LTE Band 12/17	M1	Max Allowed Power	25.0	25.0	N/A	16.0	N/A	N/A	N/A
		Nominal	24.0	24.0	N/A	15.0	N/A	N/A	N/A
LTE Band 13	M1	Max Allowed Power	25.0	25.0	N/A	17.0	N/A	N/A	N/A
		Nominal	24.0	24.0	N/A	16.0	N/A	N/A	N/A
LTE Band 26/5	M1	Max Allowed Power	25.0	25.0	N/A	14.0	N/A	N/A	N/A
		Nominal	24.0	24.0	N/A	13.0	N/A	N/A	N/A
LTE Band 66/4	M1	Max Allowed Power	25.0	25.0	N/A	14.0	19.0	N/A	N/A
		Nominal	24.0	24.0	N/A	13.0	18.0	N/A	N/A
LTE Band 66	S3	Max Allowed Power	24.0	12.5	12.5	12.5	12.5	12.5	12.5
		Nominal	23.0	11.5	11.5	11.5	11.5	11.5	11.5
LTE Band 25/2	M1	Max Allowed Power	25.0	25.0	N/A	13.0	20.0	N/A	N/A
		Nominal	24.0	24.0	N/A	12.0	19.0	N/A	N/A
LTE Band 41 PC3	M1	Max Allowed Power	25.0	25.0	N/A	13.5	18.0	N/A	N/A
		Nominal	24.0	24.0	N/A	12.5	17.0	N/A	N/A
LTE Band 41 PC2	M1	Max Allowed Power	27.0	27.0	N/A	15.1	19.6	N/A	N/A
		Nominal	26.0	26.0	N/A	14.1	18.6	N/A	N/A

For LTE TDD, the above powers listed are TDD burst average values.

Mode / Band	Antenna		Modulated Average Output Power (in dBm)						
			Pmax	ECI = 0 (Free)	ECI = 1 (Grip Sensor #1)	ECI = 2 (Grip Sensor #2)	ECI = 3 (Grip Sensor #3)	ECI = 4 (Grip Sensor #4)	ECI = 5 (Grip Sensor #5)
NR Band n5	M1	Max Allowed Power	25.0	25.0	N/A	14.0	N/A	N/A	N/A
		Nominal	24.0	24.0	N/A	13.0	N/A	N/A	N/A
NR Band n66	M1	Max Allowed Power	25.0	25.0	N/A	14.0	19.0	N/A	N/A
		Nominal	24.0	24.0	N/A	13.0	18.0	N/A	N/A
NR Band n25/n2	M1	Max Allowed Power	25.0	25.0	N/A	13.0	20.0	N/A	N/A
		Nominal	24.0	24.0	N/A	12.0	19.0	N/A	N/A
NR Band n41 PC3	M1	Max Allowed Power	25.0	19.0	N/A	12.0	16.0	N/A	N/A
		Nominal	24.0	18.0	N/A	11.0	15.0	N/A	N/A
NR Band n41 PC3	S3	Max Allowed Power	19.5	7.0	7.0	7.0	7.0	7.0	7.0
		Nominal	18.5	6.0	6.0	6.0	6.0	6.0	6.0
NR Band n41 PC3	S2	Max Allowed Power	21.5	11.5	11.5	11.5	11.5	11.5	11.5
		Nominal	20.5	10.5	10.5	10.5	10.5	10.5	10.5
NR Band n41 PC3	S1	Max Allowed Power	23.0	17.5	N/A	N/A	N/A	N/A	12.0
		Nominal	22.0	16.5	N/A	N/A	N/A	N/A	11.0
NR Band n77 PC3	S4	Max Allowed Power	25.0	19.0	N/A	N/A	N/A	9.0	N/A
		Nominal	24.0	18.0	N/A	N/A	N/A	8.0	N/A
NR Band n77 PC3	M4	Max Allowed Power	21.0	14.0	N/A	N/A	8.0	N/A	N/A
		Nominal	20.0	13.0	N/A	N/A	7.0	N/A	N/A
NR Band n77 PC3	S2	Max Allowed Power	23.0	8.5	8.5	8.5	8.5	8.5	8.5
		Nominal	22.0	7.5	7.5	7.5	7.5	7.5	7.5
NR Band n77 PC3	S3	Max Allowed Power	23.5	9.5	9.5	9.5	9.5	9.5	9.5
		Nominal	22.5	8.5	8.5	8.5	8.5	8.5	8.5
NR Band n77 PC2	S4	Max Allowed Power	28.0	19.0	N/A	N/A	N/A	9.0	N/A
		Nominal	27.0	18.0	N/A	N/A	N/A	8.0	N/A
NR Band n77 PC2	M4	Max Allowed Power	21.0	14.0	N/A	N/A	8.0	N/A	N/A
		Nominal	20.0	13.0	N/A	N/A	7.0	N/A	N/A
NR Band n77 PC2	S2	Max Allowed Power	23.0	8.5	8.5	8.5	8.5	8.5	8.5
		Nominal	22.0	7.5	7.5	7.5	7.5	7.5	7.5
NR Band n77 PC2	S3	Max Allowed Power	23.5	9.5	9.5	9.5	9.5	9.5	9.5
		Nominal	22.5	8.5	8.5	8.5	8.5	8.5	8.5

For NR TDD, the above powers listed are TDD burst average and framed average values

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2.4.2 2.4 GHz SISO/MIMO WLAN Output Power

This device operates using the following maximum and nominal output power specifications. SAR values were scaled to the maximum allowed power to determine compliance per KDB Publication 447498 D04v01.

Note: Targets for 802.11ax RU operations can be found in 802.11ax RU SAR Exclusion Appendix.

The table below is applicable in the following conditions:

- Maximum Power

Band	IEEE 802.11 Modulated Output Power (in dBm)																					
	SISO								SISO								SISO in MIMO					
	Antenna WiFi 0				Antenna WiFi 1				Antenna WiFi 1				Antenna WiFi 1				b		g		n	
	b	g	n	ax (RU)	b	g	n	ax (RU)	b	g	n	ax (RU)	b	g	n	ax (RU)	b	g	b	g	n	ax (RU)
Maximum / Nominal Power	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom
2.4 GHz WLAN	19.0	18.0	18.0	17.0	18.0	17.0	15.0	14.0	19.0	18.0	18.0	17.0	18.0	17.0	15.0	14.0	19.0	18.0	18.0	17.0	18.0	17.0
	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0
	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0
	ch. 11: 15.0	14.0	ch. 11: 15.0	14.0	ch. 11: 15.0	14.0	ch. 11: 15.0	14.0	ch. 11: 15.0	14.0	ch. 11: 15.0	14.0	ch. 11: 15.0	14.0	ch. 11: 15.0	14.0	ch. 11: 15.0	14.0	ch. 11: 15.0	14.0	ch. 11: 15.0	14.0
	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0
	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0
	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0
	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0	ch. 10: 17.0	16.0

The table below is applicable in the following conditions:

- Grip sensor Active

Band	IEEE 802.11 Modulated Output Power (in dBm)																					
	SISO								SISO								SISO in MIMO					
	Antenna WiFi 0				Antenna WiFi 1				Antenna WiFi 1				Antenna WiFi 1				b		g		n	
	b	g	n	ax (RU)	b	g	n	ax (RU)	b	g	n	ax (RU)	b	g	n	ax (RU)	b	g	b	g	n	ax (RU)
Maximum / Nominal Power	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom
2.4 GHz WLAN	12.5	11.5	12.5	11.5	12.5	11.5	12.5	11.5	12.5	11.5	12.5	11.5	12.5	11.5	12.5	11.5	12.5	11.5	12.5	11.5	12.5	11.5
	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0
	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0
	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0

The table below is applicable in the following conditions:

- Simultaneous conditions with 5/6 GHz WLAN and/or 5G FR1

Band	IEEE 802.11 Modulated Output Power (in dBm)																					
	SISO								SISO								SISO in MIMO					
	Antenna WiFi 0				Antenna WiFi 1				Antenna WiFi 1				Antenna WiFi 1				b		g		n	
	b	g	n	ax (RU)	b	g	n	ax (RU)	b	g	n	ax (RU)	b	g	n	ax (RU)	b	g	b	g	n	ax (RU)
Maximum / Nominal Power	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom	Max	Nom
2.4 GHz WLAN	9.0	8.0	9.0	8.0	9.0	8.0	9.0	8.0	9.0	8.0	9.0	8.0	9.0	8.0	9.0	8.0	9.0	8.0	9.0	8.0	9.0	8.0
	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0	ch. 12: 3.0	2.0
	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0	ch. 13: 0.0	-1.0
	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0	ch. 1: 15.0	14.0

2.4.3 5 GHz SISO/MIMO WLAN Output Power

The table below is applicable in the following conditions:

- Maximum Power

Mode	Band	IEEE 802.11 Modulated Output Power (in dBm)																							
		SISO								SISO								SISO in MIMO							
		Antenna WiFi 0								Antenna WiFi 1								MIMO							
		a		b		ax		ax (RU)		a		b		ax		ax (RU)		a (CDD + STBC, 3dM)		b (CDD + STBC, 3dM)		ax (CDD + STBC, 3dM)		ax (RU) (CDD + STBC, 3dM)	
Maximum / Nominal Power	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	
5 GHz WiFi (20MHz BW)	UNB-1	18.0	17.0	18.0	17.0	18.0	17.0	11.0	10.0	18.0	17.0	18.0	17.0	18.0	17.0	11.0	10.0	18.0	17.0	18.0	17.0	18.0	17.0	11.0	10.0
	UNB-2A	18.0	17.0	18.0	17.0	18.0	17.0	11.0	10.0	18.0	17.0	18.0	17.0	18.0	17.0	11.0	10.0	18.0	17.0	18.0	17.0	18.0	17.0	11.0	10.0
	UNB-2C	18.0	17.0	18.0	17.0	18.0	17.0	11.0	10.0	18.0	17.0	18.0	17.0	18.0	17.0	11.0	10.0	18.0	17.0	18.0	17.0	18.0	17.0	11.0	10.0
	UNB-3	15.0	14.0	15.0	14.0	15.0	14.0	11.0	10.0	15.0	14.0	15.0	14.0	15.0	14.0	11.0	10.0	15.0	14.0	15.0	14.0	15.0	14.0	11.0	10.0
UNB-4	18.0	17.0	18.0	17.0	18.0	17.0	11.0	10.0	18.0	17.0	18.0	17.0	18.0	17.0	11.0	10.0	18.0	17.0	18.0	17.0	18.0	17.0	11.0	10.0	
5 GHz WiFi (40MHz BW)	UNB-1	17.0 ch. 38, 15.0 16.0 17.0 15.0 14.0 ch. 38, 15.0 14.0 17.0 16.0 15.0 14.0 ch. 62, 15.0 14.0 17.0 16.0																							

The table below is applicable in the following conditions:

- Grip sensor Active

Mode	Band	IEEE 802.11 Modulated Output Power (in dBm)																							
		SISO								SISO								SISO to MIMO							
		Antenna WiFi 0								Antenna WiFi 1								n				m			
		a		n		m		m (SU)		a		n		m		m (SU)		a		n		m		m (SU)	
Maximum / Nominal Power		Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.
5 GHz WiFi (20MHz BW)	UN1-1	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0
	UN1-2A	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0
	UN1-2C	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0
	UN1-3	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0
	UN1-4	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0	8.0	7.0
5 GHz WiFi (40MHz BW)	UN1-1			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0
	UN1-2A			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0
	UN1-2C			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0
	UN1-3			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0
	UN1-4			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0
5 GHz WiFi (80MHz BW)	UN1-1			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0
	UN1-2A			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0
	UN1-2C			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0
	UN1-3			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0
	UN1-4			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0
5 GHz WiFi (160MHz BW)	UN1-12A			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0
	UN1-2C			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0
	UN1-3			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0
	UN1-3/4			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0			8.0	7.0	8.0	7.0	8.0	7.0

The table below is applicable in the following conditions:

- Simultaneous conditions with 2.4 GHz WLAN and/or 5G FR1
- Simultaneous conditions with 2.4 GHz Bluetooth

Mode	Band	IEEE 802.11 Modulated Output Power (in dBm)																							
		SISO								SISO								SISO to MIMO							
		Antenna WiFi 0								Antenna WiFi 1								n				m			
		a		n		m		m (SU)		a		n		m		m (SU)		a		n		m		m (SU)	
Maximum / Nominal Power		Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.
5 GHz WiFi (20MHz BW)	UN1-1	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0
	UN1-2A	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0
	UN1-2C	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0
	UN1-3	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0
	UN1-4	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0
5 GHz WiFi (40MHz BW)	UN1-1			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0
	UN1-2A			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0
	UN1-2C			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0
	UN1-3			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0
	UN1-4			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0
5 GHz WiFi (80MHz BW)	UN1-1			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0
	UN1-2A			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0
	UN1-2C			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0
	UN1-3			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0
	UN1-4			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0
5 GHz WiFi (160MHz BW)	UN1-12A			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0
	UN1-2C			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0
	UN1-3			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0
	UN1-3/4			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0			5.0	4.0	5.0	4.0	5.0	4.0

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2.4.4 6 GHz SISO/MIMO WLAN Output Power

The table below is applicable in the following conditions:

- Maximum Power

		IEEE 802.11 Modulated Output Power (in dBm)											
Mode	Band	SISO				SISO				SISO in MIMO			
		Antenna WIFI 0				Antenna WIFI 1				MIMO			
		a		ax (SU)		a		ax (SU)		a (CDD + STBC)		ax (SU) (CDD + STBC, SDM)	
Maximum / Nominal Power		Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.
6 GHz WiFi (20MHz BW) - SP	UNII-5	10.0	9.0	10.0	9.0	10.0	9.0	10.0	9.0	10.0	9.0	10.0	9.0
	UNII-7	10.0	9.0	ch. 93: 8.0	7.0	10.0	9.0	ch. 93: 8.0	7.0	10.0	9.0	ch. 93: 8.0	7.0
6 GHz WiFi (40MHz BW) - SP	UNII-5			12.5	11.5			12.5	11.5			12.5	11.5
	UNII-7			13.5	12.5			13.5	12.5			13.5	12.5
6 GHz WiFi (80MHz BW) - SP	UNII-5			14.0	13.0			14.0	13.0			14.0	13.0
	UNII-7			14.0	13.0			14.0	13.0			14.0	13.0
6 GHz WiFi (160MHz BW) - SP	UNII-5			13.0	12.0			13.0	12.0			13.0	12.0
	UNII-7			13.0	12.0			13.0	12.0			13.0	12.0
Mode	Band	IEEE 802.11 Modulated Output Power (in dBm)											
		SISO				SISO				SISO in MIMO			
		Antenna WIFI 0				Antenna WIFI 1				MIMO			
		a		ax (SU)		a		ax (SU)		a (CDD + STBC)		ax (SU) (CDD + STBC, SDM)	
Maximum / Nominal Power		Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.
6 GHz WiFi (20MHz BW) - LPI	UNII-5	10.0	9.0	10.0	9.0	10.0	9.0	10.0	9.0	10.0	9.0	10.0	9.0
	UNII-6	10.0	9.0	ch. 93: 8.0	7.0	10.0	9.0	ch. 93: 8.0	7.0	10.0	9.0	ch. 93: 8.0	7.0
	UNII-7	10.0	9.0	11.0	10.0	10.0	9.0	11.0	10.0	10.0	9.0	11.0	10.0
	UNII-8	10.0	9.0	11.0	10.0	10.0	9.0	11.0	10.0	10.0	9.0	11.0	10.0
6 GHz WiFi (40MHz BW) - LPI	UNII-5			12.5	11.5			12.5	11.5			12.5	11.5
	UNII-6			13.5	12.5			13.5	12.5			13.5	12.5
	UNII-7			13.5	12.5			13.5	12.5			13.5	12.5
	UNII-8			13.5	12.5			13.5	12.5			13.5	12.5
6 GHz WiFi (80MHz BW) - LPI	UNII-5			14.0	13.0			14.0	13.0			14.0	13.0
	UNII-6			14.0	13.0			14.0	13.0			14.0	13.0
	UNII-7			14.0	13.0			14.0	13.0			14.0	13.0
	UNII-8			14.0	13.0			14.0	13.0			14.0	13.0
6 GHz WiFi (160MHz BW) - LPI	UNII-5			13.0	12.0			13.0	12.0			13.0	12.0
	UNII-6			13.0	12.0			13.0	12.0			13.0	12.0
	UNII-7			13.0	12.0			13.0	12.0			13.0	12.0
	UNII-8			13.0	12.0			13.0	12.0			13.0	12.0
Mode	Band	IEEE 802.11 Modulated Output Power (in dBm)											
		SISO				SISO				SISO in MIMO			
		Antenna WIFI 0				Antenna WIFI 1				MIMO			
		a		ax (SU)		a		ax (SU)		a (CDD + STBC)		ax (SU) (CDD + STBC, SDM)	
Maximum / Nominal Power		Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.
6 GHz WiFi (20MHz BW) - VLP	UNII-5	10.0	9.0	6.0	5.0	10.0	9.0	6.0	5.0	10.0	9.0	6.0	5.0
	UNII-7	10.0	9.0	7.0	6.0	10.0	9.0	7.0	6.0	10.0	9.0	7.0	6.0
6 GHz WiFi (40MHz BW) - VLP	UNII-5			8.5	7.5			8.5	7.5			8.5	7.5
	UNII-7			9.5	8.5			9.5	8.5			9.5	8.5
6 GHz WiFi (80MHz BW) - VLP	UNII-5			11.0	10.0			11.0	10.0			11.0	10.0
	UNII-7			11.0	10.0			11.0	10.0			11.0	10.0
6 GHz WiFi (160MHz BW) - VLP	UNII-5			11.0	10.0			11.0	10.0			11.0	10.0
	UNII-7			11.0	10.0			11.0	10.0			11.0	10.0

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The table below is applicable in the following conditions:

- Grip Sensor Active
- Simultaneous conditions with 2.4 GHz WLAN and/or 5G FR1
- Simultaneous conditions with 2.4 GHz Bluetooth

		IEEE 802.11 Modulated Output Power (in dBm)											
Mode	Band	SISO				SISO				SISO in MIMO			
		Antenna WIFI 0				Antenna WIFI 1				MIMO			
		a		ax (SU)		a		ax (SU)		a (CDD + STBC)		ax (SU) (CDD + STBC, SDM)	
Maximum / Nominal Power		Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.
6 GHz WiFi (20MHz BW) - SP	UNII-5	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0
	UNII-7	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0
6 GHz WiFi (40MHz BW) - SP	UNII-5			7.0	6.0			7.0	6.0			7.0	6.0
	UNII-7			7.0	6.0			7.0	6.0				
6 GHz WiFi (80MHz BW) - SP	UNII-5			7.0	6.0			7.0	6.0			7.0	6.0
	UNII-7			7.0	6.0			7.0	6.0				
6 GHz WiFi (160MHz BW) - SP	UNII-5			7.0	6.0			7.0	6.0			7.0	6.0
	UNII-7			7.0	6.0			7.0	6.0				
		IEEE 802.11 Modulated Output Power (in dBm)											
Mode	Band	SISO				SISO				SISO in MIMO			
		Antenna WIFI 0				Antenna WIFI 1				MIMO			
		a		ax (SU)		a		ax (SU)		a (CDD + STBC)		ax (SU) (CDD + STBC, SDM)	
Maximum / Nominal Power		Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.
6 GHz WiFi (20MHz BW) - LPI	UNII-5	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0
	UNII-6	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0
	UNII-7	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0
	UNII-8	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0
6 GHz WiFi (40MHz BW) - LPI	UNII-5			7.0	6.0			7.0	6.0			7.0	6.0
	UNII-6			7.0	6.0			7.0	6.0			7.0	6.0
	UNII-7			7.0	6.0			7.0	6.0			7.0	6.0
	UNII-8			7.0	6.0			7.0	6.0			7.0	6.0
6 GHz WiFi (80MHz BW) - LPI	UNII-5			7.0	6.0			7.0	6.0			7.0	6.0
	UNII-6			7.0	6.0			7.0	6.0			7.0	6.0
	UNII-7			7.0	6.0			7.0	6.0			7.0	6.0
	UNII-8			7.0	6.0			7.0	6.0			7.0	6.0
6 GHz WiFi (160MHz BW) - LPI	UNII-5			7.0	6.0			7.0	6.0			7.0	6.0
	UNII-6			7.0	6.0			7.0	6.0			7.0	6.0
	UNII-7			7.0	6.0			7.0	6.0			7.0	6.0
	UNII-8			7.0	6.0			7.0	6.0			7.0	6.0
		IEEE 802.11 Modulated Output Power (in dBm)											
Mode	Band	SISO				SISO				SISO in MIMO			
		Antenna WIFI 0				Antenna WIFI 1				MIMO			
		a		ax (SU)		a		ax (SU)		a (CDD + STBC)		ax (SU) (CDD + STBC, SDM)	
Maximum / Nominal Power		Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.	Max	Nom.
6 GHz WiFi (20MHz BW) - VLP	UNII-5	7.0	6.0	6.0	5.0	7.0	6.0	6.0	5.0	7.0	6.0	6.0	5.0
	UNII-7	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0	7.0	6.0
6 GHz WiFi (40MHz BW) - VLP	UNII-5			7.0	6.0			7.0	6.0			7.0	6.0
	UNII-7			7.0	6.0			7.0	6.0			7.0	6.0
6 GHz WiFi (80MHz BW) - VLP	UNII-5			7.0	6.0			7.0	6.0			7.0	6.0
	UNII-7			7.0	6.0			7.0	6.0			7.0	6.0
6 GHz WiFi (160MHz BW) - VLP	UNII-5			7.0	6.0			7.0	6.0			7.0	6.0
	UNII-7			7.0	6.0			7.0	6.0			7.0	6.0

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2.4.5 2.4 GHz Bluetooth Output Power

The table below is applicable in the following conditions:

- Maximum

Mode	Data Rate	Modulated Output Power (in dBm)			
		SISO			
		Antenna WIFI 0		Antenna WIFI 1	
Maximum / Nominal Power		Max	Nom.	Max	Nom.
Bluetooth	1Mbps	15.5	14.5	15.5	14.5
Bluetooth EDR	2Mbps	15.5	14.5	15.5	14.5
Bluetooth EDR	3Mbps	15.5	14.5	15.5	14.5
Bluetooth LE	1Mbps	15.0	14.0	15.0	14.0
Bluetooth LE	2Mbps	15.0	14.0	15.0	14.0
Bluetooth LE	125kbps	15.0	14.0	15.0	14.0
Bluetooth LE	500kbps	15.0	14.0	15.0	14.0

The table below is applicable in the following conditions:

- Grip Sensor Active
- Simultaneous conditions with 2.4/5/6 GHz WLAN and/or 5G FR1

Mode	Data Rate	Frequency	Modulated Output Power (in dBm)			
			SISO			
			Antenna WIFI 0		Antenna WIFI 1	
Maximum / Nominal Power			Max	Nom.	Max	Nom.
Bluetooth	1Mbps	2402	9.0	8.0	9.0	8.0
		2440	10.5	9.5		
		2480	9.5	8.5		
Bluetooth EDR	2Mbps	2402	9.0	8.0	9.0	8.0
		2440	10.5	9.5		
		2480	9.5	8.5		
Bluetooth EDR	3Mbps	2402	9.0	8.0	9.0	8.0
		2440	10.5	9.5		
		2480	9.5	8.5		
Bluetooth LE	1Mbps	2402	9.0	8.0	9.0	8.0
		2440				
		2480				
Bluetooth LE	2Mbps	2402	9.0	8.0	9.0	8.0
		2440				
		2480				
Bluetooth LE	125kbps	2402	9.5	8.5	9.0	8.0
		2440	10.5	9.5		
		2480				
Bluetooth LE	500kbps	2402	9.5	8.5	9.0	8.0
		2440	10.5	9.5		
		2480				

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2.5 DUT Antenna Locations

The overall dimensions of this device is > 200 mm. A diagram showing the location of the device antennas can be found in the DUT Antenna Diagram and SAR Test Setup Photographs Appendix. Exact dimensions and separation distances are shown in the Technical Descriptions in the FCC filings.

Table 2-1
Device Edges/Sides for SAR Testing Tablet Mode

Antenna	Back	Front	Top	Bottom	Right	Left
M1	Yes	No	Yes	Yes	Yes	Yes
M4	Yes	No	Yes	Yes	Yes	Yes
S1	Yes	No	Yes	Yes	Yes	Yes
S2	Yes	No	Yes	Yes	Yes	Yes
S3	Yes	No	Yes	Yes	Yes	Yes
S4	Yes	No	Yes	Yes	Yes	Yes
WIFI 0	Yes	No	Yes	Yes	Yes	Yes
WIFI 1	Yes	No	Yes	Yes	Yes	Yes

Table 2-2
Device Edges/Sides for SAR Testing Laptop Mode

Antenna	Back	Front	Top	Bottom	Right	Left
M1	No	No	No	Yes	No	No
M4	No	No	No	Yes	No	No
S1	No	No	No	Yes	No	No
S2	No	No	No	Yes	No	No
S3	No	No	No	Yes	No	No
S4	No	No	No	Yes	No	No
WIFI 0	No	No	No	Yes	No	No
WIFI 1	No	No	No	Yes	No	No

Note: Note: Per FCC KDB Publication 616217 D04v01r01, particular edges were not required to be evaluated for SAR based on the SAR exclusion threshold in KDB 447498 D04v01. Additional edges may have been evaluated for simultaneous transmission analysis.

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2.6 Simultaneous Transmission Capabilities

According to FCC KDB Publication 447498 D04v01, transmitters are considered to be operating simultaneously when there is overlapping transmission, with the exception of transmissions during network hand-offs with maximum hand-off duration less than 30 seconds.

This device contains multiple transmitters that may operate simultaneously, and therefore requires a simultaneous transmission analysis according to FCC KDB Publication 447498 D04v01 4.3.2 procedures.

**Table 2-3
Simultaneous Transmission Scenarios**

No.	Capable Transmit Configuration	Tablet/Laptop	Notes
1	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 2.4 GHz Bluetooth WIFI 1	Yes^	^ Bluetooth Tethering is considered
2	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 2.4 GHz Bluetooth WIFI 1 + 6 GHz WLAN MIMO	Yes^	^ Bluetooth Tethering is considered
3	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 2.4 GHz Bluetooth WIFI 1 + 5 GHz WLAN MIMO	Yes^	^ Bluetooth Tethering is considered
4	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 2.4 GHz Bluetooth WIFI 0	Yes^	^ Bluetooth Tethering is considered
5	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 2.4 GHz Bluetooth WIFI 0 + 6 GHz WLAN MIMO	Yes^	^ Bluetooth Tethering is considered
6	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 2.4 GHz Bluetooth WIFI 0 + 5 GHz WLAN MIMO	Yes^	^ Bluetooth Tethering is considered
7	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 2.4 GHz WLAN MIMO + 6 GHz WLAN MIMO	Yes	
8	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 2.4 GHz WLAN MIMO + 5 GHz WLAN MIMO	Yes	
9	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 2.4 GHz WLAN MIMO	Yes	
10	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 5 GHz WLAN MIMO	Yes	
11	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 6 GHz WLAN MIMO	Yes	
12	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 2.4 GHz Bluetooth WIFI 0 + 2.4 GHz WLAN WIFI 1 + 5 GHz WLAN MIMO	Yes^	^ Bluetooth Tethering is considered
13	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 2.4 GHz Bluetooth WIFI 0 + 2.4 GHz WLAN WIFI 1 + 6 GHz WLAN MIMO	Yes^	^ Bluetooth Tethering is considered
14	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 2.4 GHz Bluetooth WIFI 0 + 2.4 GHz WLAN WIFI 1	Yes^	^ Bluetooth Tethering is considered
15	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 2.4 GHz WLAN SISO	Yes	
16	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 5 GHz WLAN SISO	Yes	
17	GPRS/EDGE/UMTS/LTE/NR/(LTE + NR) + 6 GHz WLAN SISO	Yes	
18	LTE + NR	Yes	
19	2.4 GHz Bluetooth WIFI 1 + 6 GHz WLAN MIMO	Yes^	^ Bluetooth Tethering is considered
20	2.4 GHz Bluetooth WIFI 1 + 5 GHz WLAN MIMO	Yes^	^ Bluetooth Tethering is considered
21	2.4 GHz Bluetooth WIFI 0 + 6 GHz WLAN MIMO	Yes^	^ Bluetooth Tethering is considered
22	2.4 GHz Bluetooth WIFI 0 + 5 GHz WLAN MIMO	Yes^	^ Bluetooth Tethering is considered
23	2.4 GHz WLAN MIMO + 6 GHz WLAN MIMO	Yes	
24	2.4 GHz WLAN MIMO + 5 GHz WLAN MIMO	Yes	
25	2.4 GHz WLAN MIMO	Yes	
26	5 GHz WLAN MIMO	Yes	
27	6 GHz WLAN MIMO	Yes	
28	2.4 GHz Bluetooth WIFI 0 + 2.4 GHz WLAN WIFI 1 + 5 GHz WLAN MIMO	Yes^	^ Bluetooth Tethering is considered
29	2.4 GHz Bluetooth WIFI 0 + 2.4 GHz WLAN WIFI 1 + 6 GHz WLAN MIMO	Yes^	^ Bluetooth Tethering is considered
30	2.4 GHz Bluetooth WIFI 0 + 2.4 GHz WLAN WIFI 1	Yes^	^ Bluetooth Tethering is considered

1. This device supports 2x2 MIMO Tx for WLAN 802.11b/a/g/n/ac/ax. 802.11b/a/g/n/ac/ax supports CDD and STBC and 802.11n/ac/ax additionally supports SDM.
2. This device supports Bluetooth Tethering.
3. 2.4 GHz WLAN Antenna WIFI 0 and 2.4 GHz Bluetooth Ant WIFI 0 share the same antenna path and cannot transmit simultaneously
4. please update the bottom section to:

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5. This device does not support full CA features on 3GPP Release 17. It supports carrier aggregation, downlink MIMO features as shown in the RF Conducted Powers section of this report. All uplink communications are identical to the Release 8 Specifications. Uplink communications are done on the PCC. The following LTE Release 17 Features are not supported: Relay, HetNet, Enhanced MIMO, eICIC, eMBMS, Wifi Offloading, Cross-Carrier Scheduling, Enhanced SC-FDMA.
6. 2.4 GHz WLAN Antenna WIFI 1 and 2.4 GHz Bluetooth Ant WIFI 1 share the same antenna path and cannot transmit simultaneously.
7. 5 GHz WLAN and 6 GHz WLAN share the same antenna path and cannot transmit simultaneously.
8. LTE + 5G NR FR1 Scenarios are limited to EN-DC combinations with anchor bands as shown in the NR FR1 checklist.

2.7 Miscellaneous SAR Test Considerations

(A) WIFI/BT

Since U-NII-1 and U-NII-2A bands have the same maximum output power and the highest reported SAR for U-NII-2A is less than 1.2 W/kg, SAR is not required for U-NII-1 band according to FCC KDB Publication 248227 D01v02r02.

This device supports IEEE 802.11ac with the following features:

- a) Up to 160 MHz Bandwidth only
- b) No aggregate channel configurations
- c) 2 Tx antenna output
- d) 256 QAM is supported
- e) TDWR and Band gap channels are supported

This device supports IEEE 802.11ax with the following features:

- a) Up to 160 MHz Bandwidth only for 5/6 GHz
- b) Up to 40 MHz Bandwidth only for 2.4 GHz
- c) 2 Tx antenna output
- d) Up to 1024 QAM is supported
- e) TDWR and Band gap channels are supported for 5/6 GHz
- f) MU-MIMO UL Operations are not supported

Per April 2019 TCB Workshop Notes and FCC guidance, SAR testing for 802.11ax/be follows initial test configuration procedures of KDB 248227, with 802.11ax/be considered a higher order 802.11 mode. Therefore, SAR tests were not required for 802.11ax/be RU/MRU based on the maximum allowed output powers of OFDM modes and the reported SAR values. Per FCC Guidance, maximum conducted powers were performed for each RU/MRU size to demonstrate that the output powers would not be higher than the other OFDM 802.11 modes. Please see EMC test reports 1M2505130050-10.A3L, 1M2505130050-12.A3L, 1M2505130050-14.A3L, and 1M2505130050-19.A3L for 802.11ax/be RU/MRU output powers.

This device supports channel 1-13 for 2.4 GHz WLAN. However, because channel 12/13 targets are not higher than those of channels 1-11, channels 1, 6, and 11 were considered for SAR testing per FCC KDB 248227 D01V02r02.

When U-NII-1 and U-NII-2A bands have the same maximum output power and the highest reported SAR for U-NII-2A is less than 1.2 W/kg, SAR is not required for U-NII-1 band according to FCC KDB Publication 248227 D01v02r02.

Per FCC guidance, SAR was performed using 6.5 GHz SAR probe calibration factors. FCC KDB 648474 and FCC KDB 248227 were followed for test positions, distances, and modes. Per TCB workshop October 2020 notes, 5 channels were tested. Absorbed power density (APD) using a 4cm² averaging area is reported based on SAR measurements. Incident power density is evaluated at 2mm ensuring that the resolution is sufficient such that integrated power density (iPD) between d=2mm and d=λ/5mm is ≥ -1dB per equipment manufacturer guidance. Power density results are scaled up for uncertainty above 30%.

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(B) Licensed Transmitter(s)

GSM/GPRS/EDGE DTM is not supported for US bands. Therefore, the GSM Voice modes in this report do not transmit simultaneously with GPRS/EDGE Data.

This device is only capable of QPSK HSUPA in the uplink. Therefore, no additional SAR tests are required beyond that described for devices with HSUPA in KDB 941225 D01v03r01.

LTE SAR for the higher modulations and lower bandwidths were not tested since the maximum average output power of all required channels and configurations was not more than 0.5 dB higher than the highest bandwidth; and the reported LTE SAR for the highest bandwidth was less than 1.45 W/kg for all configurations according to FCC KDB 941225 D05v02r04.

This device supports LTE Carrier Aggregation (CA) in the downlink. All uplink communications are identical to Release 8 specifications. Per FCC KDB Publication 941225 D05A v01r02, SAR for LTE CA operations was not needed since the maximum average output power in LTE CA mode was not >0.25 dB higher than the maximum output power when downlink carrier aggregation was inactive.

This device supports downlink 4x4 MIMO operations for some LTE Bands. Per May 2017 TCB Workshop Notes, SAR for 4x4 DL MIMO was not needed since the maximum average output power in 4x4 DL MIMO mode was not more than 0.25 dB higher than the maximum output power with 4x4 DL MIMO inactive. Additionally, SAR for 4x4 MIMO Downlink Carrier Aggregation was not needed since the maximum average output power in 4x4 MIMO Downlink Carrier Aggregation mode was not more than 0.25 dB higher than the maximum output power with 4x4 MIMO Downlink and downlink carrier aggregation inactive.

This device supports LTE/NR capabilities with overlapping transmission frequency ranges. When the supported frequency range of an LTE/NR Band falls completely within an LTE/NR band with a larger transmission frequency range, both LTE/NR bands have the same target power (or the band with the larger transmission frequency range has a higher target power), and both LTE/NR bands share the same transmission path and signal characteristics, SAR was only assessed for the band with the larger transmission frequency range.

This device supports both Power Class 2 (PC2) and Power Class 3 (PC3) for LTE Band 41. Per May 2017 TCB Workshop Notes, SAR tests were performed with Power Class 3 (given the specific UL/DL limitations for Power Class 2). Additionally, SAR testing for the power class 2 condition was evaluated for the highest configuration in Power Class 3 for each test configuration to confirm the results were scalable linearly (See Section 12)

NR implementation supports SA and NSA mode. In EN-DC mode, NR operates with the LTE Bands shown in the NR FR1 checklist acting as anchor bands. Per FCC guidance, SAR tests for NR Bands and LTE Anchors Bands were performed separately due to limitations in SAR probe calibration factors.

Per MTK guidance, SRS was tested with modulated signal. DFT-s-OFDM QPSK was used as the lowest order modulation and RB Size/Offset was selected to resemble continuous wave signal.

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2.8 Guidance Applied

- EEE 1528-2013
- FCC KDB Publication 941225 D01v03r01, D05v02r05, D05Av01r02, D06v02r01 (2G/3G/4G and Hotspot)
- FCC KDB Publication 248227 D01v02r02 (SAR Considerations for 802.11 Devices)
- FCC KDB Publication 447498 D04v01 (General SAR Guidance)
- FCC KDB Publication 865664 D01v01r04, D02v01r02 (SAR Measurements up to 6 GHz)
- October 2013 TCB Workshop Notes (GPRS Testing Considerations)
- May 2017 TCB Workshop Notes (LTE 4x4 Downlink MIMO, LTE Band 41 Power Class 2/3)
- November 2017, April 2018, October 2018 TCB Workshop Notes (LTE Carrier Aggregation)
- April 2019 TCB Workshop Notes (IEEE 802.11ax)
- FCC KDB 648474 D04 (Accessories)
- FCC KDB Publication 616217 D04v01r02 (Tablet/Laptop, Proximity Sensor)
- IEC 62479:2010
- IEC/IEEE 63195-1:2022
- SPEAG DASY6 Application Note (Interim Procedures for Devices Operating at 6-10 GHz) (Nov 2021)

2.9 Device Serial Numbers

Several samples with identical hardware were used to support SAR testing. The manufacturer has confirmed that the device(s) tested have the same physical, mechanical and thermal characteristics and are within operational tolerances expected for production units. The serial numbers used for each test are indicated alongside the results in Section 11.

2.10 Bibliography

Report Type	Report Serial Number
RF Exposure Part 2 Test Report	TESA2507000530EN
RF Exposure Compliance Summary Report	1M2505130050-21.A3L
RF Exposure Part 0 Test Report	1M2505130050-23.A3L
PD Evaluation Report (Part 0)	
Near Field PD Report (Part 1)	1M2505130050-22.A3L

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3 LTE AND NR INFORMATION

LTE Information					
Form Factor	Tablet				
Frequency Range of each LTE transmission band	LTE Band 12: 699.7 - 715.3 MHz				
	LTE Band 17: 706.5 - 713.5 MHz				
	LTE Band 13: 779.5 - 784.5 MHz				
	LTE Band 26: 814.7 - 848.3 MHz				
	LTE Band 5: 824.7 - 848.3 MHz				
	LTE Band 66: 1710.7 - 1779.3 MHz				
	LTE Band 4: 1710.7 - 1754.3 MHz				
	LTE Band 25: 1850.7 - 1914.3 MHz				
	LTE Band 2: 1850.7 - 1909.3 MHz				
	LTE Band 41: 2498.5 - 2687.5 MHz				
Channel Bandwidths	LTE Band 12: 1.4 MHz, 3 MHz, 5 MHz, 10 MHz				
	LTE Band 17: 5 MHz, 10 MHz				
	LTE Band 13: 5 MHz, 10 MHz				
	LTE Band 26: 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz				
	LTE Band 5: 1.4 MHz, 3 MHz, 5 MHz, 10 MHz				
	LTE Band 66: 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz, 20 MHz				
	LTE Band 4: 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz, 20 MHz				
	LTE Band 25: 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz, 20 MHz				
	LTE Band 2: 1.4 MHz, 3 MHz, 5 MHz, 10 MHz, 15 MHz, 20 MHz				
	LTE Band 41: 5 MHz, 10 MHz, 15 MHz, 20 MHz				
Channel Numbers and Frequencies (MHz)	Low	Low-Mid	Mid	Mid-High	High
LTE Band 12: 1.4 MHz	699.7 (23017)		707.5 (23095)	715.3 (23173)	
LTE Band 12: 3 MHz	700.5 (23025)		707.5 (23095)	714.5 (23165)	
LTE Band 12: 5 MHz	701.5 (23035)		707.5 (23095)	713.5 (23155)	
LTE Band 12: 10 MHz	704 (23060)		707.5 (23095)	711 (23130)	
LTE Band 17: 5 MHz	706.5 (23755)		710 (23790)	713.5 (23825)	
LTE Band 17: 10 MHz	709 (23780)		710 (23790)	711 (23800)	
LTE Band 13: 5 MHz	779.5 (23205)		782 (23230)	784.5 (23255)	
LTE Band 13: 10 MHz	(N/A)		782 (23230)	(N/A)	
LTE Band 26: 1.4 MHz	814.7 (26697)		831.5 (26865)	848.3 (27033)	
LTE Band 26: 3 MHz	815.5 (26705)		831.5 (26865)	847.5 (27025)	
LTE Band 26: 5 MHz	816.5 (26715)		831.5 (26865)	846.5 (27015)	
LTE Band 26: 10 MHz	819 (26740)		831.5 (26865)	844 (26990)	
LTE Band 26: 15 MHz	821.5 (26765)		831.5 (26865)	841.5 (26965)	
LTE Band 5: 1.4 MHz	824.7 (20407)		836.5 (20525)	848.3 (20643)	
LTE Band 5: 3 MHz	825.5 (20415)		836.5 (20525)	847.5 (20635)	
LTE Band 5: 5 MHz	826.5 (20425)		836.5 (20525)	846.5 (20625)	
LTE Band 5: 10 MHz	829 (20450)		836.5 (20525)	844 (20600)	
LTE Band 66: 1.4 MHz	1710.7 (131979)		1745 (132322)	1779.3 (132665)	
LTE Band 66: 3 MHz	1711.5 (131987)		1745 (132322)	1778.5 (132657)	
LTE Band 66: 5 MHz	1712.5 (131997)		1745 (132322)	1777.5 (132647)	
LTE Band 66: 10 MHz	1715 (132022)		1745 (132322)	1775 (132622)	
LTE Band 66: 15 MHz	1717.5 (132047)		1745 (132322)	1772.5 (132597)	
LTE Band 66: 20 MHz	1720 (132072)		1745 (132322)	1770 (132572)	
LTE Band 4: 1.4 MHz	1710.7 (19957)		1732.5 (20175)	1754.3 (20393)	
LTE Band 4: 3 MHz	1711.5 (19965)		1732.5 (20175)	1753.5 (20385)	
LTE Band 4: 5 MHz	1712.5 (19975)		1732.5 (20175)	1752.5 (20375)	
LTE Band 4: 10 MHz	1715 (20000)		1732.5 (20175)	1750 (20350)	
LTE Band 4: 15 MHz	1717.5 (20025)		1732.5 (20175)	1747.5 (20325)	
LTE Band 4: 20 MHz	1720 (20050)		1732.5 (20175)	1745 (20300)	
LTE Band 25: 1.4 MHz	1850.7 (26047)		1882.5 (26365)	1914.3 (26683)	
LTE Band 25: 3 MHz	1851.5 (26055)		1882.5 (26365)	1913.5 (26675)	
LTE Band 25: 5 MHz	1852.5 (26065)		1882.5 (26365)	1912.5 (26665)	
LTE Band 25: 10 MHz	1855 (26090)		1882.5 (26365)	1910 (26640)	
LTE Band 25: 15 MHz	1857.5 (26115)		1882.5 (26365)	1907.5 (26615)	
LTE Band 25: 20 MHz	1860 (26140)		1882.5 (26365)	1905 (26590)	
LTE Band 2: 1.4 MHz	1850.7 (18607)		1880 (18900)	1909.3 (19193)	
LTE Band 2: 3 MHz	1851.5 (18615)		1880 (18900)	1908.5 (19185)	
LTE Band 2: 5 MHz	1852.5 (18625)		1880 (18900)	1907.5 (19175)	
LTE Band 2: 10 MHz	1855 (18650)		1880 (18900)	1905 (19150)	
LTE Band 2: 15 MHz	1857.5 (18675)		1880 (18900)	1902.5 (19125)	
LTE Band 2: 20 MHz	1860 (18700)		1880 (18900)	1900 (19100)	
LTE Band 41: 5 MHz	2506 (39750)	2549.5 (40185)	2593 (40620)	2636.5 (41055)	2680 (41490)
LTE Band 41: 10 MHz	2506 (39750)	2549.5 (40185)	2593 (40620)	2636.5 (41055)	2680 (41490)
LTE Band 41: 15 MHz	2506 (39750)	2549.5 (40185)	2593 (40620)	2636.5 (41055)	2680 (41490)
LTE Band 41: 20 MHz	2506 (39750)	2549.5 (40185)	2593 (40620)	2636.5 (41055)	2680 (41490)
UE Category	UL UE Cat 18, DL UE Cat 19				
Modulations Supported in UL	QPSK, 16QAM, 64QAM, 256QAM				
LTE MPR Permanently implemented per 3GPP TS 36.101 section 6.2.3~6.2.5? (manufacturer attestation to be provided)	YES				
A-MPR (Additional MPR) disabled for SAR Testing?	YES				
LTE Carrier Aggregation Possible Combinations	The technical description includes all the possible carrier aggregation combinations				
LTE Additional Information	This device does not support full CA features on 3GPP Release 17. It supports carrier aggregation, downlink MIMO features as shown in the RF Conducted Powers section of this report. All uplink communications are identical to the Release 8 Specifications. Uplink communications are done on the PCC. The following LTE Release 17 Features are not supported: Relay, HetNet, Enhanced MIMO, eCIC, eMBMS, Wifi Offloading, Cross-Carrier Scheduling, Enhanced SC-FDMA.				

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NR Information							
Form Factor	Tablet						
Frequency Range of each NR transmission band	NR Band n5: 826.5 - 846.5 MHz						
	NR Band n66: 1712.5 - 1777.5 MHz						
	NR Band n25: 1852.5 - 1912.5 MHz						
	NR Band n2: 1852.5 - 1907.5 MHz						
	NR Band n41: 2501.01 - 2685 MHz						
Channel Bandwidths	NR Band n77: 3455.01 - 3544.98 MHz; 3705 - 3975 MHz						
	NR Band n5: 5 MHz, 10 MHz, 15 MHz, 20 MHz						
	NR Band n66: 5 MHz, 10 MHz, 15 MHz, 20 MHz, 25 MHz, 30 MHz, 40 MHz, Yes						
	NR Band n25: 5 MHz, 10 MHz, 15 MHz, 20 MHz						
	NR Band n2: 5 MHz, 10 MHz, 15 MHz, 20 MHz						
Channel Numbers and Frequencies (MHz)	NR Band n41: 10 MHz, 15 MHz, 20 MHz, 30 MHz, 40 MHz, 50 MHz, 60 MHz, 70 MHz, 80 MHz, 90 MHz, 100 MHz						
	NR Band n77: 10 MHz, 15 MHz, 20 MHz, 25 MHz, 30 MHz, 40 MHz, 50 MHz, 60 MHz, 70 MHz, 80 MHz, 90 MHz, 100 MHz						
NR Band n5: 5 MHz	826.5 (165300)		836.5 (167300)		846.5 (169300)		
NR Band n5: 10 MHz	829 (165800)		836.5 (167300)		844 (168800)		
NR Band n5: 15 MHz	831.5 (166300)		836.5 (167300)		841.5 (168300)		
NR Band n5: 20 MHz	834 (166800)		836.5 (167300)		839 (167800)		
NR Band n66: 5 MHz	1712.5 (342500)		1745 (349000)		1777.5 (355500)		
NR Band n66: 10 MHz	1715 (343000)		1745 (349000)		1775 (355000)		
NR Band n66: 15 MHz	1717.5 (343500)		1745 (349000)		1772.5 (354500)		
NR Band n66: 20 MHz	1720 (344000)		1745 (349000)		1770 (354000)		
NR Band n66: 25 MHz	1722.5 (344500)		1745 (349000)		1767.5 (353500)		
NR Band n66: 30 MHz	1725 (345000)		1745 (349000)		1765 (353000)		
NR Band n66: 40 MHz	1730 (346000)		1745 (349000)		1760 (352000)		
NR Band n25: 5 MHz	1852.5 (370500)		1882.5 (376500)		1912.5 (382500)		
NR Band n25: 10 MHz	1855 (371000)		1882.5 (376500)		1910 (382000)		
NR Band n25: 15 MHz	1857.5 (371500)		1882.5 (376500)		1907.5 (381500)		
NR Band n25: 20 MHz	1860 (372000)		1882.5 (376500)		1905 (381000)		
NR Band n2: 5 MHz	1852.5 (370500)		1880 (376000)		1907.5 (381500)		
NR Band n2: 10 MHz	1855 (371000)		1880 (376000)		1905 (381000)		
NR Band n2: 15 MHz	1857.5 (371500)		1880 (376000)		1902.5 (380500)		
NR Band n2: 20 MHz	1860 (372000)		1880 (376000)		1900 (380000)		
NR Band n41: 10 MHz	2501.01 (500202)	2547 (509400)	2592.99 (518598)		2639.01 (527802)	2685 (537000)	
NR Band n41: 15 MHz	2503.5 (500700)	2548.26 (509652)	2592.99 (518598)		2637.75 (527550)	2682.51 (536502)	
NR Band n41: 20 MHz	2506.02 (501204)	2549.49 (509898)	2592.99 (518598)		2636.49 (527298)	2679.99 (535998)	
NR Band n41: 30 MHz	2511 (502200)	2552.01 (510402)	2592.99 (518598)		2634 (526800)	2674.98 (534996)	
NR Band n41: 40 MHz	2616.01 (523202)	2567.34 (513468)	(N/A)		2618.67 (523734)	2670 (534000)	
NR Band n41: 50 MHz	2521.02 (504204)		2592.99 (518598)		2664.99 (532998)		
NR Band n41: 60 MHz	2526 (505200)		2592.99 (518598)		2659.98 (531996)		
NR Band n41: 70 MHz	2531.01 (506202)		(N/A)		2655 (531000)		
NR Band n41: 80 MHz	2536.02 (507204)		(N/A)		2649.99 (529998)		
NR Band n41: 90 MHz	2541 (508200)		(N/A)		2644.98 (528996)		
NR Band n41: 100 MHz	2546.01 (509202)		2592.99 (518598)		2640 (528000)		
NR Band n77 DoD: 10 MHz	3455.01 (630334)		3500.01 (633334)		3544.98 (636332)		
NR Band n77 DoD: 15 MHz	3457.5 (630500)		3500.01 (633334)		3542.49 (636166)		
NR Band n77 DoD: 20 MHz	3460.02 (630668)		3500.01 (633334)		3540 (636000)		
NR Band n77 DoD: 25 MHz	3462.51 (630834)		3500.01 (633334)		3537.48 (635832)		
NR Band n77 DoD: 30 MHz	3465 (631000)		3500.01 (633334)		3534.99 (635666)		
NR Band n77 DoD: 40 MHz	3470.01 (631334)		(N/A)		3529.98 (635332)		
NR Band n77 DoD: 50 MHz	3475.02 (631668)		(N/A)		3525 (635000)		
NR Band n77 DoD: 60 MHz	(N/A)		3500.01 (633334)		(N/A)		
NR Band n77 DoD: 70 MHz	(N/A)		3500.01 (633334)		(N/A)		
NR Band n77 DoD: 80 MHz	(N/A)		3500.01 (633334)		(N/A)		
NR Band n77 DoD: 90 MHz	(N/A)		3500.01 (633334)		(N/A)		
NR Band n77 DoD: 100 MHz	(N/A)		3500.01 (633334)		(N/A)		
NR Band n77: 10 MHz	3705 (647000)	3759 (650600)	3813 (654200)	(N/A)	3867 (657800)	3921 (661400)	3975 (665000)
NR Band n77: 15 MHz	3707.52 (647168)	3760.5 (650700)	3813.51 (654234)	(N/A)	3866.49 (657766)	3919.5 (661300)	3972.48 (664832)
NR Band n77: 20 MHz	3710.01 (647334)	3762 (650800)	3813.99 (654266)	(N/A)	3866.01 (657734)	3918 (661200)	3969.99 (664666)
NR Band n77: 25 MHz	3712.5 (647500)	3763.5 (650900)	3814.5 (654300)	(N/A)	3865.5 (657700)	3916.5 (661100)	3967.5 (664500)
NR Band n77: 30 MHz	3715.02 (647668)	3765 (651000)	3815.01 (654334)	(N/A)	3864.99 (657666)	3915 (661000)	3964.98 (664332)
NR Band n77: 40 MHz	3720 (648000)	3768 (651200)	3816 (654400)	(N/A)	3864 (657600)	3912 (660800)	3960 (664000)
NR Band n77: 50 MHz	3725.01 (648334)	3782.49 (652166)	(N/A)	3840 (656000)	(N/A)	3897.51 (659834)	3954.99 (663666)
NR Band n77: 60 MHz	3730.02 (648668)	3803.34 (653556)	(N/A)	(N/A)	(N/A)	3876.66 (658444)	3949.98 (663332)
NR Band n77: 70 MHz	3735 (649000)	3804.99 (653666)	(N/A)	(N/A)	(N/A)	3875.01 (658334)	3945 (663000)
NR Band n77: 80 MHz	3740.01 (649334)	(N/A)		3840 (656000)		(N/A)	3939.99 (662666)
NR Band n77: 90 MHz	3745.02 (649668)	(N/A)		3840 (656000)		(N/A)	3934.98 (662332)
NR Band n77: 100 MHz	3750 (650000)	(N/A)		(N/A)		(N/A)	3930 (662000)
SCS for NR Band n5, n66, n25, n2	15 kHz						
SCS for NR Band n41, n77	30 kHz						
Modulations Supported in UL	DFT-s-OFDM: $\pi/4$ PSK, QPSK, 16QAM, 64QAM, 256QAM CP-OFDM: QPSK, 16QAM, 64QAM, 256QAM						
A-MPR (Additional MPR) disabled for SAR Testing?	YES						
EN-DC and NR Carrier Aggregation Possible Combinations	The technical description includes all the possible carrier aggregation combinations						
LTE Anchor Bands for NR Band n5	2/66						
LTE Anchor Bands for NR Band n66	5/12/13						
LTE Anchor Bands for NR Band n25	12/13						
LTE Anchor Bands for NR Band n2	5/12/13						
LTE Anchor Bands for NR Band n41	12/66						
LTE Anchor Bands for NR Band n77	2/5/12/13/25/66						

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4 INTRODUCTION

The FCC and Innovation, Science, and Economic Development Canada have adopted the guidelines for evaluating the environmental effects of radio frequency (RF) radiation in ET Docket 93-62 on Aug. 6, 1996 and Health Canada Safety Code 6 to protect the public and workers from the potential hazards of RF emissions due to FCC-regulated portable devices. [1]

The safety limits used for the environmental evaluation measurements are based on the criteria published by the American National Standards Institute (ANSI) for localized specific absorption rate (SAR) in IEEE/ANSI C95.1-1992 Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz [3] and Health Canada RF Exposure Guidelines Safety Code 6 [22]. The measurement procedure described in IEEE/ANSI C95.3-2002 Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields - RF and Microwave [4] is used for guidance in measuring the Specific Absorption Rate (SAR) due to the RF radiation exposure from the Equipment Under Test (EUT). These criteria for SAR evaluation are similar to those recommended by the International Committee for Non-Ionizing Radiation Protection (ICNIRP) in Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields,” Report No. Vol 74. SAR is a measure of the rate of energy absorption due to exposure to an RF transmitting source. SAR values have been related to threshold levels for potential biological hazards.

4.1 SAR Definition

Specific Absorption Rate is defined as the time derivative (rate) of the incremental energy (dU) absorbed by (dissipated in) an incremental mass (dm) contained in a volume element (dV) of a given density (ρ). It is also defined as the rate of RF energy absorption per unit mass at a point in an absorbing body (see Equation 4-1).

Equation 4-1
SAR Mathematical Equation

$$SAR = \frac{d}{dt} \left(\frac{dU}{dm} \right) = \frac{d}{dt} \left(\frac{dU}{\rho dv} \right)$$

SAR is expressed in units of Watts per Kilogram (W/kg).

$$SAR = \frac{\sigma \cdot E^2}{\rho}$$

where:

- σ = conductivity of the tissue-simulating material (S/m)
- ρ = mass density of the tissue-simulating material (kg/m³)
- E = Total RMS electric field strength (V/m)

NOTE: The primary factors that control rate of energy absorption were found to be the wavelength of the incident field in relation to the dimensions and geometry of the irradiated organism, the orientation of the organism in relation to the polarity of field vectors, the presence of reflecting surfaces, and whether conductive contact is made by the organism with a ground plane.[6]

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5 DOSIMETRIC ASSESSMENT

5.1 Measurement Procedure

The evaluation was performed using the following procedure compliant to FCC KDB Publication 865664 D01v01r04 and IEEE 1528-2013:

1. The SAR distribution at the exposed side of the head or body was measured at a distance no greater than 5.0 mm from the inner surface of the shell. The area covered the entire dimension of the device-head and body interface and the horizontal grid resolution was determined per FCC KDB Publication 865664 D01v01r04 (See Table 5-1) and IEEE 1528-2013.
2. The point SAR measurement was taken at the maximum SAR region determined from Step 1 to enable the monitoring of SAR fluctuations/drifts during the 1g/10g cube evaluation. SAR at this fixed point was measured and used as a reference value.
3. Based on the area scan data, the peak of the region with maximum SAR was determined by spline interpolation. Around this point, a volume was assessed according to the measurement resolution and volume size requirements of FCC KDB Publication 865664 D01v01r04 (See Table 5-1) and IEEE 1528-2013. On the basis of this data set, the spatial peak SAR value was evaluated with the following procedure (see references or the DASY manual online for more details):
 - a. SAR values at the inner surface of the phantom are extrapolated from the measured values along the line away from the surface with spacing no greater than that in Table 5-1. The extrapolation was based on a least-squares algorithm. A polynomial of the fourth order was calculated through the points in the z-axis (normal to the phantom shell).
 - b. After the maximum interpolated values were calculated between the points in the cube, the SAR was averaged over the spatial volume (1g or 10g) using a 3D-Spline interpolation algorithm. The 3D-spline is composed of three one-dimensional splines with the “Not a knot” condition (in x, y, and z directions). The volume was then integrated with the trapezoidal algorithm. One thousand points (10 x 10 x 10) were obtained through interpolation, in order to calculate the averaged SAR.
 - c. All neighboring volumes were evaluated until no neighboring volume with a higher average value was found.
4. The SAR reference value, at the same location as step 2, was re-measured after the zoom scan was complete to calculate the SAR drift. If the drift deviated by more than 5%, the SAR test and drift measurements were repeated.

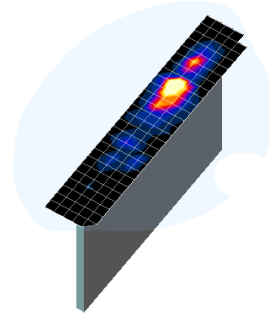


Figure 5-1
Sample SAR Area
Scan

Table 5-1
Area and Zoom Scan Resolutions per FCC KDB Publication 865664 D01v01r04*

Frequency	Maximum Area Scan Resolution (mm) ($\Delta x_{\text{area}}, \Delta y_{\text{area}}$)	Maximum Zoom Scan Resolution (mm) ($\Delta x_{\text{zoom}}, \Delta y_{\text{zoom}}$)	Maximum Zoom Scan Spatial Resolution (mm)			Minimum Zoom Scan Volume (mm) (x,y,z)
			Uniform Grid $\Delta z_{\text{zoom}}(n)$	Graded Grid		
				$\Delta z_{\text{zoom}}(1)^*$	$\Delta z_{\text{zoom}}(n>1)^*$	
≤ 2 GHz	≤ 15	≤ 8	≤ 5	≤ 4	≤ 1.5* $\Delta z_{\text{zoom}}(n-1)$	≥ 30
2-3 GHz	≤ 12	≤ 5	≤ 5	≤ 4	≤ 1.5* $\Delta z_{\text{zoom}}(n-1)$	≥ 30
3-4 GHz	≤ 12	≤ 5	≤ 4	≤ 3	≤ 1.5* $\Delta z_{\text{zoom}}(n-1)$	≥ 28
4-5 GHz	≤ 10	≤ 4	≤ 3	≤ 2.5	≤ 1.5* $\Delta z_{\text{zoom}}(n-1)$	≥ 25
5-6 GHz	≤ 10	≤ 4	≤ 2	≤ 2	≤ 1.5* $\Delta z_{\text{zoom}}(n-1)$	≥ 22

*Also compliant to IEEE 1528-2013 Table 6

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6 TEST CONFIGURATION POSITIONS

6.1 Device Holder

The device holder is made out of low-loss POM material having the following dielectric parameters: relative permittivity $\epsilon = 3$ and loss tangent $\delta = 0.02$.

6.2 SAR Testing per KDB Publication 616217 D04v01r02

Per FCC KDB Publication 616217 D04v01r02, for devices containing a keyboard, SAR is required for the bottom surface. Per FCC KDB Publication 616217 D04v01r02, for devices with overall dimensions $>200\text{mm}$, the back surface and edges of the device should be tested for SAR compliance with the device touching the phantom. The SAR Exclusion Threshold in KDB 447498 D04v01 can be applied to determine SAR test exclusion for adjacent edge configurations. The closest distance from the antenna to an adjacent edge is used to determine if SAR testing is required for the adjacent edges, with the adjacent edge positioned against the phantom and the edge containing the antenna positioned perpendicular to the phantom. Please see the exact antenna locations shown in the Technical Descriptions document.

6.3 Proximity Sensor Considerations

This device uses a power reduction mechanism to reduce output powers in certain use conditions when the device is used close the user's body.

When the device's antenna is within a certain distance of the user, the sensor activates and reduces the maximum allowed output power. However, the sensor is not active when the device is moved beyond the sensor triggering distance and the maximum output power is no longer limited. Therefore, additional evaluation is needed in the vicinity of the triggering distance to ensure SAR is compliant when the device is allowed to operate at a nonreduced output power level. FCC KDB Publication 616217 D04v01r02 Section 6 was used as a guideline for selecting SAR test distances for this device at these additional test positions. Sensor triggering distance summary data is included in the Power Reduction Verification Appendix.

The sensor is designed to support sufficient detection range and sensitivity to cover regions of the sensors in all applicable directions since the sensor entirely covers the antennas.

6.4 SAR Evaluation with Detachable Keyboard

The DUT supports an aftermarket detachable keyboard accessory. SAR testing was conducted in accordance with FCC KDB 616217 D04 and 47 CFR §2.1093, covering both standalone tablet mode and the keyboard-attached (360° folded) configuration.

The device was fully tested in standalone mode at 0 mm and trigger-based separation distances across all five surfaces. Based on these results, the worst-case SAR surface was identified for each band and configuration. To assess RF exposure in the keyboard-attached condition, SAR was re-evaluated at the worst-case surface determined during standalone testing.

All measured SAR values in the keyboard-attached configuration were found to be lower than those recorded in standalone mode. The test methodology relied on engineering judgment supported by the device's RF structural design and measured SAR data, and is consistent with SAR reduction principles outlined in IEEE 1528-2013 Annex I.4.2 and FCC KDB 648474 D04 Section 8. The evaluation considered the passive nature of the keyboard, which does not contain any active RF circuitry, and the increased overall device thickness resulting from the keyboard attachment, which provides additional separation from the user. The antennas are fixed within the

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display section and are physically decoupled from the keyboard, minimizing interaction. The overall design and structural asymmetry reduce RF coupling and limit the likelihood of any shift in the worst-case SAR location due to the keyboard.

Based on these considerations, no further SAR testing was required for other surfaces when the keyboard was attached.

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7 RF EXPOSURE LIMITS

7.1 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.

7.2 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. This 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.

Table 7-1
SAR Human Exposure Specified in ANSI/IEEE C95.1-1992 and Health Canada Safety Code 6

HUMAN EXPOSURE LIMITS		
	UNCONTROLLED ENVIRONMENT <i>General Population</i> (W/kg) or (mW/g)	CONTROLLED ENVIRONMENT <i>Occupational</i> (W/kg) or (mW/g)
Peak Spatial Average SAR Head	1.6	8.0
Whole Body SAR	0.08	0.4
Peak Spatial Average SAR Hands, Feet, Ankle, Wrists, etc.	4.0	20

1. The Spatial Peak value of the SAR averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.
2. The Spatial Average value of the SAR averaged over the whole body.
3. The Spatial Peak value of the SAR averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.

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7.3 RF Exposure Limits for Frequencies above 6 GHz

Per §1.1310 (d)(3), the MPE limits are applied for frequencies above 6 GHz. Power Density is expressed in units of W/m² or mW/cm².

Peak Spatially Averaged Power Density was evaluated over a circular area of 4 cm² per interim FCC Guidance for near-field power density evaluations per October 2018 TCB Workshop notes.

Table 7-2
Human Exposure Limits Specified in FCC 47 CFR §1.1310

Human Exposure to Radiofrequency (RF) Radiation Limits		
Frequency Range [MHz]	Power Density [mW/cm ²]	Average Time [Minutes]
(A) Limits For Occupational / Controlled Environments		
1,500 – 100,000	5.0	6
(B) Limits For General Population / Uncontrolled Environments		
1,500 – 100,000	1.0	30

Note: 1.0 mW/cm² is 10 W/m²

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8 FCC MEASUREMENT PROCEDURES

Power measurements for licensed transmitters are performed using a base station simulator under digital average power.

8.1 Measured and Reported SAR

Per FCC KDB Publication 447498 D04v01, when SAR is not measured at the maximum power level allowed for production units, the results must be scaled to the maximum tune-up tolerance limit according to the power applied to the individual channels tested to determine compliance. For simultaneous transmission, the measured aggregate SAR must be scaled according to the sum of the differences between the maximum tune-up tolerance and actual power used to test each transmitter. When SAR is measured at or scaled to the maximum tune-up tolerance limit, the results are referred to as *reported* SAR. The highest *reported* SAR results are identified on the grant of equipment authorization according to procedures in KDB 690783 D01v01r03.

8.2 3G SAR Test Reduction Procedure

In FCC KDB Publication 941225 D01v03r01, certain transmission modes within a frequency band and wireless mode evaluated for SAR are defined as primary modes. The equivalent modes considered for SAR test reduction are denoted as secondary modes. When the maximum output power including tune-up tolerance specified for production units in a secondary mode is ≤ 0.25 dB higher than the primary mode or when the highest reported SAR of the primary mode, scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode, is ≤ 1.2 W/kg, SAR measurements are not required for the secondary mode. These criteria are referred to as the 3G SAR test reduction procedure. When the 3G SAR test reduction procedure is not satisfied, SAR measurements are additionally required for the secondary mode.

8.3 Procedures Used to Establish RF Signal for SAR

The following procedures are according to FCC KDB Publication 941225 D01v03r01 “3G SAR Measurement Procedures.”

The device is placed into a simulated call using a base station simulator in a RF shielded chamber. Establishing connections in this manner ensure a consistent means for testing SAR and are recommended for evaluating SAR [4]. Devices under test are evaluated prior to testing, with a fully charged battery and were configured to operate at maximum output power. In order to verify that the device is tested throughout the SAR test at maximum output power, the SAR measurement system measures a “point SAR” at an arbitrary reference point at the start and end of the 1 gram SAR evaluation, to assess for any power drifts during the evaluation. If the power drift deviates by more than 5%, the SAR test and drift measurements are repeated.

8.4 SAR Measurement Conditions for UMTS

8.4.1 Output Power Verification

Maximum output power is verified on the High, Middle and Low channels according to the general descriptions in section 5.2 of 3GPP TS 34.121, using the appropriate RMC with TPC (transmit power control) set to all “1s” or applying the required inner loop power control procedures to maintain maximum output power while HSUPA is active. Results for all applicable physical channel configurations (DPCCH, DPDCHn and spreading codes, HS-DPCCH etc) are tabulated in this test report. All configurations that are not supported by the DUT or cannot be measured due to technical or equipment limitations are identified.

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8.4.2 Body SAR Measurements

SAR for body exposure configurations is measured using the 12.2 kbps RMC with the TPC bits all “1s”. The 3G SAR test reduction procedure is applied to other spreading codes and multiple DPDCH_n configurations supported by the handset with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured using an applicable RMC configuration with the corresponding spreading code or DPDCH_n, for the highest reported SAR configuration in 12.2 kbps RMC.

8.4.3 SAR Measurements with Rel 5 HSDPA

The 3G SAR test reduction procedure is applied to HSDPA body configurations with 12.2 kbps RMC as the primary mode. Otherwise, Body SAR for HSDPA is measured using an FRC with H-Set 1 in Sub-test 1 and a 12.2 kbps RMC configured in Test Loop Mode 1, for the highest reported SAR configuration in 12.2 kbps RMC without HSDPA. Handsets with both HSDPA and HSUPA are tested according to Release 6 HSPA test procedures.

8.4.4 SAR Measurements with Rel 6 HSUPA

The 3G SAR test reduction procedure is applied to HSPA (HSUPA/HSDPA with RMC) body configurations with 12.2 kbps RMC as the primary mode. Otherwise, Body SAR for HSPA is measured with E-DCH Sub-test 5, using H-Set 1 and QPSK for FRC and a 12.2 kbps RMC configured in Test Loop Mode 1 and power control algorithm 2, according to the highest reported body SAR configuration in 12.2 kbps RMC without HSPA.

When VOIP applies to head exposure, the 3G SAR test reduction procedure is applied with 12.2 kbps RMC as the primary mode; otherwise, the same HSPA configuration used for body SAR measurements are applied to head exposure testing.

8.4.5 SAR Measurement Conditions for DC-HSDPA

SAR is required for Rel. 8 DC-HSDPA when SAR is required for Rel. 5 HSDPA; otherwise, the 3G SAR test reduction procedure is applied to DC-HSDPA with 12.2 kbps RMC as the primary mode. Power is measured for DC-HSDPA according to the H-Set 12, FRC configuration in Table C.8.1.12 of 3GPP TS 34.121-1 to determine SAR test reduction. A primary and a secondary serving HS-DSCH Cell are required to perform the power measurement and for the results to be acceptable.

8.5 SAR Measurement Conditions for LTE

LTE modes are tested according to FCC KDB 941225 D05v02r04 publication. Establishing connections with base station simulators ensure a consistent means for testing SAR and are recommended for evaluating SAR [4]. The R&S CMW500 or Anritsu MT8820C simulators are used for LTE output power measurements and SAR testing. Closed loop power control was used so the UE transmits with maximum output power during SAR testing. SAR tests were performed with the same number of RB and RB offsets transmitting on all TTI frames (maximum TTI).

8.5.1 Spectrum Plots for RB Configurations

A properly configured base station simulator was used for SAR tests and power measurements. Therefore, spectrum plots for RB configurations were not required to be included in this report.

8.5.2 MPR

MPR is permanently implemented for this device by the manufacturer. The specific manufacturer target MPR is indicated alongside the SAR results. MPR is enabled for this device, according to 3GPP TS36.101 Section 6.2.3 – 6.2.5 under Table 6.2.3-1.

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8.5.3 A-MPR

A-MPR (Additional MPR) has been disabled for all SAR tests by setting NS=01 on the base station simulator.

8.5.4 Required RB Size and RB Offsets for SAR Testing

According to FCC KDB 941225 D05v02r04:

- a. Per Section 5.2.1, SAR is required for QPSK 1 RB Allocation for the largest bandwidth
 - i. The required channel and offset combination with the highest maximum output power is required for SAR.
 - ii. When the reported SAR is ≤ 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required. Otherwise, SAR is required for the remaining required test channels using the RB offset configuration with highest output power for that channel.
 - iii. When the reported SAR for a required test channel is > 1.45 W/kg, SAR is required for all RB offset configurations for that channel.
- b. Per Section 5.2.2, SAR is required for 50% RB allocation using the largest bandwidth following the same procedures outlined in Section 5.2.1.
- c. Per Section 5.2.3, QPSK SAR is not required for the 100% allocation when the highest maximum output power for the 100% allocation is less than the highest maximum output power of the 1 RB and 50% RB allocations and the reported SAR for the 1 RB and 50% RB allocations is < 0.8 W/kg.
- d. Per Section 5.2.4 and 5.3, SAR tests for higher order modulations and lower bandwidths configurations are not required when the conducted power of the required test configurations determined by Sections 5.2.1 through 5.2.3 is less than or equal to $\frac{1}{2}$ dB higher than the equivalent configuration using QPSK modulation and when the QPSK SAR for those configurations is < 1.45 W/kg.

8.5.5 TDD

LTE TDD testing is performed using the SAR test guidance provided in FCC KDB 941225 D05v02r04. TDD is tested at the highest duty factor using UL-DL configuration 0 with special subframe configuration 6 and applying the FDD LTE procedures in KDB 941225 D05v02r04. SAR testing is performed using the extended cyclic prefix listed in 3GPP TS 36.211 Section 4.

8.5.6 Downlink Only Carrier Aggregation

Conducted power measurements with LTE Carrier Aggregation (CA) (downlink only) active are made in accordance to KDB Publication 941225 D05Av01r02. The RRC connection is only handled by one cell, the primary component carrier (PCC) for downlink and uplink communications. After making a data connection to the PCC, the UE device adds secondary component carrier(s) (SCC) on the downlink only. All uplink communications and acknowledgements remain identical to specifications when downlink carrier aggregation is inactive on the PCC. Additional conducted output powers are measured with the downlink carrier aggregation active for the configuration with highest measured maximum conducted power with downlink carrier aggregation inactive measured among the channel bandwidth, modulation, and RB combinations in each frequency band. Per FCC KDB Publication 941225 D05Av01r02, no SAR measurements are required for downlink only carrier aggregation configurations when the average output power with downlink only carrier aggregation active is not more than 0.25 dB higher than the average output power with downlink only carrier aggregation inactive.

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8.6 SAR Testing with 802.11 Transmitters

The normal network operating configurations of 802.11 transmitters are not suitable for SAR measurements. Unpredictable fluctuations in network traffic and antenna diversity conditions can introduce undesirable variations in SAR results. The SAR for these devices should be measured using chipset based test mode software to ensure the results are consistent and reliable. See KDB Publication 248227 D01v02r02 for more details.

8.6.1 General Device Setup

Chipset based test mode software is hardware dependent and generally varies among manufacturers. The device operating parameters established in test mode for SAR measurements must be identical to those programmed in production units, including output power levels, amplifier gain settings and other RF performance tuning parameters.

A periodic duty factor is required for current generation SAR systems to measure SAR. When 802.11 frame gaps are accounted for in the transmission, a maximum transmission duty factor of 92 - 96% is typically achievable in most test mode configurations. A minimum transmission duty factor of 85% is required to avoid certain hardware and device implementation issues related to wide range SAR scaling. The reported SAR is scaled to 100% transmission duty factor to determine compliance at the maximum tune-up tolerance limit.

8.6.2 U-NII-1 and U-NII-2A

For devices that operate in both U-NII-1 and U-NII-2A bands, when the same maximum output power is specified for both bands, SAR measurement using OFDM SAR test procedures is not required for U-NII-1 unless the highest reported SAR for U-NII-2A is > 1.2 W/kg. When different maximum output powers are specified for the bands, SAR measurement for the U-NII band with the lower maximum output power is not required unless the highest reported SAR for the U-NII band with the higher maximum output power, adjusted by the ratio of lower to higher specified maximum output power for the two bands, is > 1.2 W/kg. When 10g SAR measurement is considered, a factor of 2.5 is applied to the thresholds above.

8.6.3 U-NII-2C and U-NII-3

The frequency range covered by U-NII-2C and U-NII-3 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, the channels at 5.60 – 5.65 GHz in U-NII-2C band must be disabled with acceptable mechanisms and documented in the equipment certification. Unless band gap channels are permanently disabled, SAR must be considered for these channels. Each band is tested independently according to the normally required OFDM SAR measurement and probe calibration frequency points requirements.

8.6.4 2.4 GHz SAR Test Requirements

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

- 1) When the reported SAR of the highest measured maximum output power channel 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 position 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.

2.4 GHz 802.11 g/n/ax OFDM are additionally evaluated for SAR if the highest reported SAR for 802.11b, adjusted by the ratio of the OFDM to DSSS specified maximum output power, is > 1.2 W/kg. When SAR is required for OFDM modes in 2.4 GHz band, the Initial Test Configuration Procedures should be followed. When 10g SAR measurement is considered, a factor of 2.5 is applied to the thresholds above.

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8.6.5 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. Per April 2019 TCB Workshop and FCC guidance, 802.11ax/be was considered the highest order 802.11 mode. 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.

8.6.6 Initial Test Configuration Procedure

For OFDM, an initial test configuration is determined for each frequency band and aggregated band, according to the transmission mode with the highest maximum output power specified for SAR measurements. When the same maximum output power is specified for multiple OFDM transmission mode configurations in a frequency band or aggregated band, SAR is measured using the configuration(s) with the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order IEEE 802.11 mode. The channel of the transmission mode with the highest average RF output conducted power will be the initial test configuration.

When the reported SAR is ≤ 0.8 W/kg, no additional measurements on other test channels are required. Otherwise, SAR is evaluated using the subsequent highest average RF output channel until the reported SAR result is ≤ 1.2 W/kg or all channels are measured. When there are multiple untested channels having the same subsequent highest average RF output power, the channel with higher frequency from the lowest 802.11 mode is considered for SAR measurements (See Section 8.6.5). When 10g SAR measurement is considered, a factor of 2.5 is applied to the thresholds above.

8.6.7 Subsequent Test Configuration Procedures

For OFDM configurations in each frequency band and aggregated band, SAR is evaluated for initial test configuration using the fixed test position or the initial test position procedure. When the highest reported SAR (for the initial test configuration), adjusted by the ratio of the specified maximum output power of the subsequent test configuration to initial test configuration, is ≤ 1.2 W/kg, no additional SAR tests for the subsequent test configurations are required. When 10g SAR measurement is considered, a factor of 2.5 is applied to the thresholds above.

8.6.8 MIMO SAR considerations

Per KDB Publication 248227 D01v02r02, the simultaneous SAR provisions in KDB Publication 447498 D04v01 should be applied to determine simultaneous transmission SAR test exclusion for WIFI MIMO. If the sum of 1g single transmission chain SAR measurements is < 1.6 W/kg, no additional SAR measurements for MIMO are required. Alternatively, SAR for MIMO can be measured with all antennas transmitting simultaneously at the specified maximum output power of MIMO operation. When 10g SAR measurement is considered, a factor of 2.5 is applied to the thresholds above.

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9 RF CONDUCTED POWERS

9.1 GSM Conducted Powers

Table 9-1
Measured P_{max} for ECI = 0 (Free) for GSM 850 & GSM 1900 Ant M1

Maximum Burst-Averaged Output Power										
		Voice	GPRS/EDGE Data (GMSK)				EDGE Data (8-PSK)			
Band	Channel	GSM [dBm] CS (1 Slot)	GPRS [dBm] 1 Tx Slot	GPRS [dBm] 2 Tx Slot	GPRS [dBm] 3 Tx Slot	GPRS [dBm] 4 Tx Slot	EDGE [dBm] 1 Tx Slot	EDGE [dBm] 2 Tx Slot	EDGE [dBm] 3 Tx Slot	EDGE [dBm] 4 Tx Slot
GSM 850	128	32.28	32.37	31.41	29.28	27.92	26.17	24.99	22.79	21.48
	190	32.28	32.33	31.30	29.23	27.89	26.19	25.00	22.80	21.49
	251	32.22	32.26	31.25	29.19	27.88	26.28	25.12	22.86	21.58
GSM 1900	512	29.71	29.72	28.73	26.63	25.38	25.22	24.14	21.90	20.65
	661	29.51	29.50	28.51	26.42	25.17	25.15	24.00	21.80	20.36
	810	29.37	29.35	28.38	26.33	25.06	24.88	23.82	21.62	20.13
Calculated Maximum Frame-Averaged Output Power										
		Voice	GPRS/EDGE Data (GMSK)				EDGE Data (8-PSK)			
Band	Channel	GSM [dBm] CS (1 Slot)	GPRS [dBm] 1 Tx Slot	GPRS [dBm] 2 Tx Slot	GPRS [dBm] 3 Tx Slot	GPRS [dBm] 4 Tx Slot	EDGE [dBm] 1 Tx Slot	EDGE [dBm] 2 Tx Slot	EDGE [dBm] 3 Tx Slot	EDGE [dBm] 4 Tx Slot
GSM 850	128	23.08	23.17	25.22	24.85	24.74	16.97	18.80	18.36	18.30
	190	23.08	23.13	25.11	24.80	24.71	16.99	18.81	18.37	18.31
	251	23.02	23.06	25.06	24.76	24.70	17.08	18.93	18.43	18.40
GSM 1900	512	20.51	20.52	22.54	22.20	22.20	16.02	17.95	17.47	17.47
	661	20.31	20.30	22.32	21.99	21.99	15.95	17.81	17.37	17.18
	810	20.17	20.15	22.19	21.90	21.88	15.68	17.63	17.19	16.95
GSM 850	Frame Avg.Targets:	23.30	23.30	25.31	25.07	25.32	16.80	18.81	18.57	18.82
GSM 1900		20.30	20.30	22.31	22.07	22.32	15.80	17.81	17.57	17.82

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Table 9-2
Measured P_{limit} for ECI = 2 (Grip Sensor #2) for GSM 850 & GSM 1900 Ant M1

Maximum Burst-Averaged Output Power										
		Voice	GPRS/EDGE Data (GMSK)				EDGE Data (8-PSK)			
Band	Channel	GSM [dBm] CS (1 Slot)	GPRS [dBm] 1 Tx Slot	GPRS [dBm] 2 Tx Slot	GPRS [dBm] 3 Tx Slot	GPRS [dBm] 4 Tx Slot	EDGE [dBm] 1 Tx Slot	EDGE [dBm] 2 Tx Slot	EDGE [dBm] 3 Tx Slot	EDGE [dBm] 4 Tx Slot
GSM 850	128	21.88	21.92	18.74	16.89	15.48	20.78	17.60	15.44	13.63
	190	21.89	21.91	18.81	16.99	15.59	20.41	17.32	15.26	13.59
	251	21.95	21.95	18.90	17.04	15.71	20.52	17.18	15.23	13.78
GSM 1900	512	21.08	21.06	17.84	16.01	14.59	19.58	16.36	14.22	12.72
	661	20.92	20.91	17.72	15.90	14.50	19.45	16.22	14.10	12.61
	810	20.86	20.86	17.65	15.79	14.46	19.26	16.05	13.95	12.44
Calculated Maximum Frame-Averaged Output Power										
		Voice	GPRS/EDGE Data (GMSK)				EDGE Data (8-PSK)			
Band	Channel	GSM [dBm] CS (1 Slot)	GPRS [dBm] 1 Tx Slot	GPRS [dBm] 2 Tx Slot	GPRS [dBm] 3 Tx Slot	GPRS [dBm] 4 Tx Slot	EDGE [dBm] 1 Tx Slot	EDGE [dBm] 2 Tx Slot	EDGE [dBm] 3 Tx Slot	EDGE [dBm] 4 Tx Slot
GSM 850	128	12.68	12.72	12.55	12.46	12.30	11.58	11.41	11.01	10.45
	190	12.69	12.71	12.62	12.56	12.41	11.21	11.13	10.83	10.41
	251	12.75	12.75	12.71	12.61	12.53	11.32	10.99	10.80	10.60
GSM 1900	512	11.88	11.86	11.65	11.58	11.41	10.38	10.17	9.79	9.54
	661	11.72	11.71	11.53	11.47	11.32	10.25	10.03	9.67	9.43
	810	11.66	11.66	11.46	11.36	11.28	10.06	9.86	9.52	9.26
GSM 850	Frame	12.80	12.80	12.81	12.77	12.82	11.80	11.31	11.07	10.32
GSM 1900	Avg.Targets:	11.80	11.80	11.81	11.77	11.82	10.30	9.81	9.57	9.82

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Table 9-3
Measured P_{limit} for ECI = 3 (Grip Sensor #3) for GSM 1900 Ant M1

Maximum Burst-Averaged Output Power										
		Voice	GPRS/EDGE Data (GMSK)				EDGE Data (8-PSK)			
Band	Channel	GSM [dBm] CS (1 Slot)	GPRS [dBm] 1 Tx Slot	GPRS [dBm] 2 Tx Slot	GPRS [dBm] 3 Tx Slot	GPRS [dBm] 4 Tx Slot	EDGE [dBm] 1 Tx Slot	EDGE [dBm] 2 Tx Slot	EDGE [dBm] 3 Tx Slot	EDGE [dBm] 4 Tx Slot
GSM 1900	512	27.13	27.17	24.01	22.22	20.82	25.77	23.62	21.85	20.38
	661	27.01	27.01	23.90	22.16	20.76	25.63	23.61	21.83	20.25
	810	27.00	27.00	23.85	22.03	20.66	25.24	23.29	21.27	20.01
Calculated Maximum Frame-Averaged Output Power										
		Voice	GPRS/EDGE Data (GMSK)				EDGE Data (8-PSK)			
Band	Channel	GSM [dBm] CS (1 Slot)	GPRS [dBm] 1 Tx Slot	GPRS [dBm] 2 Tx Slot	GPRS [dBm] 3 Tx Slot	GPRS [dBm] 4 Tx Slot	EDGE [dBm] 1 Tx Slot	EDGE [dBm] 2 Tx Slot	EDGE [dBm] 3 Tx Slot	EDGE [dBm] 4 Tx Slot
GSM 1900	512	17.93	17.97	17.82	17.79	17.64	16.57	17.43	17.42	17.20
	661	17.81	17.81	17.71	17.73	17.58	16.43	17.42	17.40	17.07
	810	17.80	17.80	17.66	17.60	17.48	16.04	17.10	16.84	16.83
GSM 1900	Frame Avg. Targets:	18.30	18.30	18.31	18.27	18.32	17.30	16.81	16.57	16.82

Note:

- Both burst-averaged and calculated frame-averaged powers are included. Frame-averaged power was calculated from the measured burst-averaged power by converting the slot powers into linear units and calculating the energy over 8 timeslots.
- GPRS/EDGE (GMSK) output powers were measured with coding scheme setting of 1 (CS1) on the base station simulator. CS1 was configured to measure GPRS output power measurements and SAR to ensure GMSK modulation in the signal. Our Investigation has shown that CS1 - CS4 settings do not have any impact on the output levels or modulation in the GPRS modes.
- EDGE (8-PSK) output powers were measured with MCS7 on the base station simulator. MCS7 coding scheme was used to measure the output powers for EDGE since investigation has shown that choosing MCS7 coding scheme will ensure 8-PSK modulation. It has been shown that MCS levels that produce 8-PSK modulation do not have an impact on output power.

GSM Class: B
GPRS Multislot class: 12 (Max 4 Tx uplink slots)
EDGE Multislot class: 12 (Max 4 Tx uplink slots)
DTM Multislot Class: N/A



Figure 9-1
Power Measurement Setup

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9.2 UMTS Conducted Powers

Table 9-4
Measured P_{max} for ECI = 0 (Free) for UMTS 850 & UMTS 1700 & UMTS 1900 Ant M1

3GPP Release Version	Mode	3GPP 34.121 Subtest	Cellular Band [dBm]			AWS Band [dBm]			PCS Band [dBm]			MPR [dB]
			4132	4183	4233	1312	1412	1513	9262	9400	9538	
99	WCDMA	12.2 kbps RMC	23.58	23.36	23.22	23.19	23.22	23.69	23.79	23.63	23.81	-
99		12.2 kbps AMR	23.41	23.36	23.25	23.22	23.25	23.73	23.82	23.65	23.84	-
6	HSDPA	Subtest 1	22.39	22.37	22.24	22.18	22.24	22.71	22.80	22.64	22.81	1
6		Subtest 2	22.40	22.37	22.24	22.17	22.24	22.69	22.78	22.61	22.77	1
6		Subtest 3	21.96	21.92	21.77	21.73	21.77	22.24	22.31	22.16	22.34	1.5
6		Subtest 4	21.92	21.89	21.74	21.70	21.73	22.20	22.29	22.13	22.29	1.5
6	HSUPA	Subtest 1	19.89	19.87	19.72	19.58	19.67	19.90	19.98	19.90	19.96	3
6		Subtest 2	19.87	19.85	19.72	19.70	19.65	19.93	19.97	19.91	19.94	3
6		Subtest 3	19.75	19.87	19.69	19.44	19.43	19.75	19.96	19.85	19.89	2
6		Subtest 4	19.13	19.09	18.96	18.87	18.89	19.32	19.49	19.33	19.40	3.5
6		Subtest 5	20.57	20.57	20.44	20.02	20.01	20.47	20.56	20.40	20.46	2
8	DC-HSDPA	Subtest 1	22.40	22.37	22.23	22.18	22.20	22.66	22.79	22.62	22.80	1
8		Subtest 2	22.39	22.35	22.24	22.17	22.23	22.67	22.79	22.62	22.77	1
8		Subtest 3	21.89	21.85	21.72	21.64	21.69	22.12	22.25	22.10	22.26	1.5
8		Subtest 4	21.91	21.86	21.72	21.66	21.70	22.15	22.25	22.13	22.23	1.5

Table 9-5
Measured P_{limit} for ECI = 2 (Grip Sensor #2) for UMTS 850 & UMTS 1700 & UMTS 1900 Ant M1

3GPP Release Version	Mode	3GPP 34.121 Subtest	Cellular Band [dBm]			AWS Band [dBm]			PCS Band [dBm]			3GPP MPR [dB]
			4132	4183	4233	1312	1412	1513	9262	9400	9538	
99	WCDMA	12.2 kbps RMC	13.09	13.05	12.96	12.31	12.33	12.80	12.00	11.86	12.01	-
99		12.2 kbps AMR	13.11	13.09	13.00	12.34	12.36	12.82	12.03	11.90	12.04	-
6	HSDPA	Subtest 1	13.12	13.09	12.98	12.34	12.38	12.84	12.03	11.89	12.04	0
6		Subtest 2	13.12	13.09	12.97	12.32	12.36	12.82	12.03	11.87	12.01	0
6		Subtest 3	13.19	13.15	13.01	12.39	12.42	12.87	12.08	11.93	12.06	0
6		Subtest 4	13.14	13.11	12.98	12.34	12.39	12.84	12.06	11.91	12.03	0
6	HSUPA	Subtest 1	13.12	13.11	12.98	12.32	12.53	12.83	11.92	11.78	11.91	0
6		Subtest 2	13.22	13.18	13.09	12.41	12.44	12.93	12.02	11.86	11.98	0
6		Subtest 3	13.23	13.21	13.15	12.48	12.49	12.96	12.07	11.92	12.06	0
6		Subtest 4	13.24	13.22	13.07	12.46	12.48	12.95	12.05	11.90	12.01	0
6		Subtest 5	13.20	13.19	13.05	12.42	12.25	12.92	12.06	11.91	12.03	0
8	DC-HSDPA	Subtest 1	13.20	13.19	13.07	12.54	12.58	13.04	12.15	12.00	12.16	0
8		Subtest 2	13.22	13.19	13.06	12.53	12.58	13.04	12.16	11.98	12.12	0
8		Subtest 3	13.22	13.15	13.04	12.53	12.58	13.03	12.13	12.00	12.13	0
8		Subtest 4	13.22	13.14	13.04	12.52	12.54	13.05	12.12	11.95	12.10	0

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Table 9-6
Measured P_{limit} for ECI = 3 (Grip Sensor #3) for UMTS 1700 & UMTS 1900 Ant M1

3GPP Release Version	Mode	3GPP 34.121 Subtest	AWS Band [dBm]			PCS Band [dBm]			3GPP MPR [dB]
			1312	1412	1513	9262	9400	9538	
99	WCDMA	12.2 kbps RMC	18.85	18.90	19.01	19.29	19.22	19.12	-
99		12.2 kbps AMR	18.79	18.83	18.90	19.17	19.13	19.00	-
6	HSDPA	Subtest 1	18.42	18.53	18.48	18.55	18.54	18.52	0
6		Subtest 2	18.55	18.57	18.51	18.50	18.61	18.53	0
6		Subtest 3	18.53	18.55	18.43	18.59	18.57	18.53	0
6		Subtest 4	18.62	18.55	18.49	18.61	18.63	18.57	0
6	HSUPA	Subtest 1	17.91	17.98	17.85	17.77	17.78	17.84	0
6		Subtest 2	17.95	17.95	17.88	17.88	17.82	17.89	0
6		Subtest 3	17.82	17.86	17.84	17.86	17.83	17.85	0
6		Subtest 4	17.80	17.89	17.83	17.84	17.86	17.84	0
6		Subtest 5	17.89	17.85	17.86	17.83	17.82	17.88	0
8	DC-HSDPA	Subtest 1	18.18	18.22	18.25	18.64	18.61	18.55	0
8		Subtest 2	18.27	18.28	18.23	18.60	18.63	18.62	0
8		Subtest 3	18.19	18.20	18.18	18.57	18.61	18.54	0
8		Subtest 4	18.21	18.19	18.12	18.55	18.52	18.57	0

DC-HSDPA considerations

- 3GPP Specification 34.121-1 Release 8 Ver 8.10.0 was used for DC-HSDPA guidance
- H-Set 12 (QPSK) was confirmed to be used during DC-HSDPA measurements
- The DUT supports UE category 24 for HSDPA



Figure 9-2
Power Measurement Setup

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9.3 LTE Conducted Powers

Note: Per FCC KDB Publication 941225 D05v02r05, LTE SAR for the lower bandwidths was not required for testing since the maximum average output power of all required channels and configurations was not more than 0.5 dB higher than the highest bandwidth and the reported LTE SAR for the highest bandwidth was less than 1.45 W/kg. Lower bandwidth conducted powers for all LTE bands can be found in the LTE and NR Lower Bandwidth Conducted Power Appendix.

Note: Some bands do not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

9.3.1 LTE Band 12

Table 9-7
LTE Band 12 Ant M1 Measured P_{max} for ECI = 0 (Free)

LTE Band 12 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23095 (707.5 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	24.21	0	0
	1	25	24.24		0
	1	49	24.14		0
	25	0	23.20	0-1	1
	25	12	23.18		1
	25	25	23.12		1
16QAM	50	0	23.19	0-1	1
	1	0	23.64		1
	1	25	23.56		1
	1	49	23.39	0-2	1
	25	0	22.20		2
	25	12	22.13		2
64QAM	25	25	22.14	0-2	2
	50	0	22.14		2
	1	0	22.36	0-2	2
	1	25	22.23		2
	1	49	22.38	0-3	2
	25	0	21.18		3
256QAM	25	12	21.12		3
	25	25	21.11	0-5	3
	50	0	21.13		3
	1	0	19.34	0-5	5
	1	25	19.17		5
	1	49	19.19		5
	25	0	19.13		5
	25	12	19.10		5
	25	25	19.08		5
	50	0	19.10		5

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Table 9-8
LTE Band 12 Ant M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2)

LTE Band 12 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23095 (707.5 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	15.19	0	0
	1	25	15.10		0
	1	49	15.07		0
	25	0	15.14	0-1	0
	25	12	15.13		0
	25	25	15.05		0
	50	0	15.09		0
16QAM	1	0	15.36	0-1	0
	1	25	15.37		0
	1	49	15.34		0
	25	0	15.14	0-2	0
	25	12	15.12		0
	25	25	15.03		0
	50	0	15.09		0
64QAM	1	0	15.40	0-2	0
	1	25	15.12		0
	1	49	15.25		0
	25	0	15.10	0-3	0
	25	12	15.10		0
	25	25	15.06		0
	50	0	15.09		0
256QAM	1	0	15.28	0-5	0
	1	25	15.16		0
	1	49	15.18		0
	25	0	15.10		0
	25	12	15.06		0
	25	25	15.04		0
	50	0	15.08		0

9.3.1 LTE Band 13

Table 9-9
LTE Band 13 Ant M1 Measured P_{max} for ECI = 0 (Free)

LTE Band 13 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	23.77	0	0
	1	25	23.80		0
	1	49	23.70		0
	25	0	22.78	0-1	1
	25	12	22.79		1
	25	25	22.77		1
	50	0	22.75		1
16QAM	1	0	22.93	0-1	1
	1	25	23.09		1
	1	49	23.02		1
	25	0	21.75	0-2	2
	25	12	21.76		2
	25	25	21.73		2
	50	0	21.76		2
64QAM	1	0	21.99	0-2	2
	1	25	21.84		2
	1	49	21.85		2
	25	0	20.73	0-3	3
	25	12	20.74		3
	25	25	20.71		3
	50	0	20.75		3
256QAM	1	0	18.87	0-5	5
	1	25	18.88		5
	1	49	18.90		5
	25	0	18.74		5
	25	12	18.72		5
	25	25	18.77		5
	50	0	18.70		5

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Table 9-10
LTE Band 13 Ant M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2)

LTE Band 13 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	16.43	0	0
	1	25	16.34		0
	1	49	16.27		0
	25	0	16.38	0-1	0
	25	12	16.32		0
	25	25	16.33		0
	50	0	16.37		0
16QAM	1	0	16.83	0-1	0
	1	25	16.85		0
	1	49	16.62		0
	25	0	16.31	0-2	0
	25	12	16.35		0
	25	25	16.30		0
	50	0	16.32		0
64QAM	1	0	16.58	0-2	0
	1	25	16.58		0
	1	49	16.53		0
	25	0	16.30	0-3	0
	25	12	16.29		0
	25	25	16.28		0
	50	0	16.31		0
256QAM	1	0	16.55	0-5	0
	1	25	16.39		0
	1	49	16.36		0
	25	0	16.36		0
	25	12	16.33		0
	25	25	16.30		0
	50	0	16.33		0

9.3.1 LTE Band 26

Table 9-11
LTE Band 26 Ant M1 Measured P_{max} for ECI = 0 (Free)

LTE Band 26 (Cell) 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26865 (831.5 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	23.73	0	0
	1	36	23.72		0
	1	74	23.52		0
	36	0	22.67	0-1	1
	36	18	22.59		1
	36	37	22.50		1
	75	0	22.64		1
16QAM	1	0	23.10	0-1	1
	1	36	22.96		1
	1	74	22.81		1
	36	0	21.70	0-2	2
	36	18	21.60		2
	36	37	21.51		2
	75	0	21.63		2
64QAM	1	0	22.03	0-2	2
	1	36	21.72		2
	1	74	21.70		2
	36	0	20.71	0-3	3
	36	18	20.64		3
	36	37	20.54		3
	75	0	20.62		3
256QAM	1	0	18.83	0-5	5
	1	36	18.69		5
	1	74	18.65		5
	36	0	18.68		5
	36	18	18.61		5
	36	37	18.63		5
	75	0	18.67		5

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Table 9-12
LTE Band 26 Ant M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2)

LTE Band 26 (Cell) 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26865 (831.5 MHz) Conducted Power [dBm]		
QPSK	1	0	13.74	0	0
	1	36	13.57		0
	1	74	13.52		0
	36	0	13.63	0-1	0
	36	18	13.55		0
	36	37	13.53		0
	75	0	13.62		0
16QAM	1	0	13.94	0-1	0
	1	36	13.78		0
	1	74	13.79		0
	36	0	13.64	0-2	0
	36	18	13.56		0
	36	37	13.53		0
	75	0	13.61		0
64QAM	1	0	13.89	0-2	0
	1	36	13.75		0
	1	74	13.62		0
	36	0	13.65	0-3	0
	36	18	13.59		0
	36	37	13.61		0
	75	0	13.60		0
256QAM	1	0	13.82	0-5	0
	1	36	13.69		0
	1	74	13.66		0
	36	0	13.63		0
	36	18	13.57		0
	36	37	13.53		0
	75	0	13.64		0

9.3.2 LTE Band 66

Table 9-13
LTE Band 66 Ant M1 Measured P_{max} for ECI = 0 (Free)

LTE Band 66 (AWS) 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132072 (1720.0 MHz)	132322 (1745.0 MHz)	132572 (1770.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.48	23.82	23.95	0	0
	1	50	23.64	23.96	23.94		0
	1	99	23.79	24.06	24.07		0
	50	0	22.57	22.91	22.96	0-1	1
	50	25	22.62	22.94	22.96		1
	50	50	22.72	22.97	22.99		1
	100	0	22.65	22.97	22.98		1
16QAM	1	0	22.84	23.19	23.30	0-1	1
	1	50	22.86	23.31	23.27		1
	1	99	23.09	23.44	23.43		1
	50	0	21.74	22.10	22.15	0-2	2
	50	25	21.84	22.13	22.17		2
	50	50	21.95	22.16	22.19		2
	100	0	21.85	22.15	22.15		2
64QAM	1	0	21.82	22.19	22.23	0-2	2
	1	50	21.96	22.33	22.29		2
	1	99	22.16	22.41	22.49		2
	50	0	20.77	21.08	21.15	0-3	3
	50	25	20.82	21.13	21.15		3
	50	50	20.95	21.14	21.17		3
	100	0	20.84	21.13	21.13		3
256QAM	1	0	18.75	19.06	19.15	0-5	5
	1	50	18.85	19.23	19.24		5
	1	99	19.03	19.35	19.32		5
	50	0	18.74	19.05	19.13		5
	50	25	18.79	19.10	19.14		5
	50	50	18.92	19.13	19.12		5
	100	0	18.84	19.10	19.14		5

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Table 9-14
LTE Band 66 Ant M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2)

LTE Band 66 (AWS) 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132072 (1720.0 MHz)	132322 (1745.0 MHz)	132572 (1770.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.55	12.75	12.93	0	0
	1	50	12.61	12.84	12.92		0
	1	99	12.78	13.00	13.05		0
	50	0	12.63	12.83	12.95	0-1	0
	50	25	12.64	12.84	12.97		0
	50	50	12.72	12.91	13.03		0
	100	0	12.65	12.88	12.97		0
16QAM	1	0	12.97	12.97	13.38	0-1	0
	1	50	12.93	13.25	13.23		0
	1	99	13.08	13.34	13.46		0
	50	0	12.65	12.87	13.00	0-2	0
	50	25	12.64	12.86	12.98		0
	50	50	12.75	12.93	13.05		0
	100	0	12.71	12.89	13.00		0
64QAM	1	0	12.70	13.04	13.24	0-2	0
	1	50	12.81	13.12	13.17		0
	1	99	12.99	13.26	13.32		0
	50	0	12.64	12.86	12.94	0-3	0
	50	25	12.66	12.89	12.99		0
	50	50	12.74	12.94	13.07		0
	100	0	12.69	12.88	13.00		0
256QAM	1	0	12.66	12.90	13.07	0-5	0
	1	50	12.77	12.96	13.02		0
	1	99	12.86	13.14	13.26		0
	50	0	12.64	12.85	12.98		0
	50	25	12.65	12.85	13.00		0
	50	50	12.77	12.93	13.05		0
	100	0	12.67	12.86	13.01		0

Table 9-15
LTE Band 66 Ant M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3)

LTE Band 66 (AWS) 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132072 (1720.0 MHz)	132322 (1745.0 MHz)	132572 (1770.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.90	18.14	18.27	0	0
	1	50	17.92	18.18	18.27		0
	1	99	18.16	18.33	18.45		0
	50	0	17.96	18.16	18.29	0-1	0
	50	25	17.97	18.16	18.31		0
	50	50	18.07	18.21	18.35		0
	100	0	17.98	18.21	18.34		0
16QAM	1	0	18.22	18.35	18.62	0-1	0
	1	50	18.24	18.53	18.53		0
	1	99	18.54	18.71	18.93		0
	50	0	17.95	18.17	18.29	0-2	0
	50	25	17.97	18.18	18.33		0
	50	50	18.10	18.25	18.37		0
	100	0	18.01	18.24	18.33		0
64QAM	1	0	18.14	18.32	18.53	0-2	0
	1	50	18.05	18.39	18.48		0
	1	99	18.35	18.54	18.70		0
	50	0	17.99	18.18	18.32	0-3	0
	50	25	17.99	18.19	18.32		0
	50	50	18.09	18.25	18.38		0
	100	0	18.01	18.22	18.34		0
256QAM	1	0	18.02	18.28	18.45	0-5	0
	1	50	18.08	18.29	18.30		0
	1	99	18.24	18.48	18.55		0
	50	0	17.97	18.21	18.29		0
	50	25	17.99	18.20	18.31		0
	50	50	18.07	18.25	18.36		0
	100	0	18.03	18.21	18.34		0

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Table 9-16
LTE Band 66 Ant S3 Measured P_{limit} for all ECI

LTE Band 66 (AWS) 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132072 (1720.0 MHz)	132322 (1745.0 MHz)	132572 (1770.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.11	11.31	11.59	0	0
	1	50	11.08	11.41	11.69		0
	1	99	11.33	11.57	11.96		0
	50	0	11.14	11.42	11.68	0-1	0
	50	25	11.19	11.46	11.70		0
	50	50	11.23	11.51	11.93		0
	100	0	11.17	11.45	11.70		0
16QAM	1	0	11.46	11.61	11.99	0-1	0
	1	50	11.37	11.70	11.99		0
	1	99	11.67	11.98	12.16		0
	50	0	11.14	11.41	11.69	0-2	0
	50	25	11.17	11.48	11.71		0
	50	50	11.26	11.50	11.75		0
	100	0	11.17	11.46	11.73		0
64QAM	1	0	11.35	11.49	11.80	0-2	0
	1	50	11.28	11.55	11.82		0
	1	99	11.53	11.75	11.98		0
	50	0	11.13	11.39	11.69	0-3	0
	50	25	11.20	11.49	11.75		0
	50	50	11.25	11.52	11.75		0
	100	0	11.17	11.46	11.72		0
256QAM	1	0	11.24	11.48	11.74	0-5	0
	1	50	11.21	11.57	11.78		0
	1	99	11.46	11.65	11.91		0
	50	0	11.12	11.40	11.71		0
	50	25	11.16	11.47	11.73		0
	50	50	11.21	11.51	11.76		0
	100	0	11.16	11.46	11.71		0

9.3.3 LTE Band 25

Table 9-17
LTE Band 25 Ant M1 Measured P_{max} for ECI = 0 (Free)

LTE Band 25 (PCS) 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26140 (1860.0 MHz)	26365 (1882.5 MHz)	26590 (1905.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.85	23.95	23.85	0	0
	1	50	23.78	23.90	23.81		0
	1	99	23.92	23.91	23.78		0
	50	0	22.86	22.96	22.87	0-1	1
	50	25	22.89	22.95	22.84		1
	50	50	22.88	22.91	22.79		1
	100	0	22.88	22.92	22.88		1
16QAM	1	0	23.17	23.23	23.18	0-1	1
	1	50	23.04	23.27	23.16		1
	1	99	23.21	23.23	23.15		1
	50	0	21.99	22.11	22.08	0-2	2
	50	25	22.02	22.14	22.03		2
	50	50	22.05	22.14	22.03		2
	100	0	22.04	22.15	22.05		2
64QAM	1	0	22.20	22.28	22.22	0-2	2
	1	50	22.12	22.38	22.15		2
	1	99	22.27	22.40	22.22		2
	50	0	20.99	21.13	21.07	0-3	3
	50	25	21.03	21.14	21.04		3
	50	50	21.05	21.12	21.02		3
	100	0	21.04	21.13	21.07		3
256QAM	1	0	18.98	19.16	19.17	0-5	5
	1	50	19.06	19.23	19.02		5
	1	99	19.16	19.18	19.22		5
	50	0	18.97	19.11	19.05		5
	50	25	19.02	19.14	19.00		5
	50	50	19.03	19.12	19.02		5
	100	0	19.02	19.10	19.01		5

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Table 9-18
LTE Band 25 Ant M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2)

LTE Band 25 (PCS) 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26140 (1860.0 MHz)	26365 (1882.5 MHz)	26590 (1905.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	11.98	12.09	12.12	0	0
	1	50	12.01	12.08	12.06		0
	1	99	12.10	12.13	12.05		0
	50	0	12.02	12.14	12.10	0-1	0
	50	25	12.07	12.13	12.08		0
	50	50	12.08	12.12	12.04		0
	100	0	12.07	12.10	12.07		0
16QAM	1	0	12.21	12.54	12.32	0-1	0
	1	50	12.30	12.52	12.43		0
	1	99	12.47	12.48	12.47		0
	50	0	12.02	12.13	12.09	0-2	0
	50	25	12.08	12.13	12.09		0
	50	50	12.08	12.13	12.10		0
	100	0	12.09	12.16	12.07		0
64QAM	1	0	12.24	12.29	12.38	0-2	0
	1	50	12.18	12.30	12.28		0
	1	99	12.29	12.34	12.28		0
	50	0	12.02	12.15	12.12	0-3	0
	50	25	12.08	12.12	12.08		0
	50	50	12.08	12.13	12.08		0
	100	0	12.08	12.16	12.10		0
256QAM	1	0	12.12	12.25	12.22	0-5	0
	1	50	12.14	12.24	12.13		0
	1	99	12.26	12.18	12.22		0
	50	0	12.05	12.13	12.11		0
	50	25	12.09	12.12	12.08		0
	50	50	12.11	12.14	12.07		0
	100	0	12.08	12.12	12.11		0

Table 9-19
LTE Band 25 Ant M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3)

LTE Band 25 (PCS) 20 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26140 (1860.0 MHz)	26365 (1882.5 MHz)	26590 (1905.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.39	19.44	19.31	0	0
	1	50	19.29	19.41	19.17		0
	1	99	19.45	19.37	19.32		0
	50	0	19.35	19.36	19.22	0-1	0
	50	25	19.33	19.33	19.22		0
	50	50	19.38	19.37	19.24		0
	100	0	19.36	19.35	19.26		0
16QAM	1	0	19.72	19.75	19.47	0-1	0
	1	50	19.67	19.56	19.52		0
	1	99	19.70	19.62	19.59		0
	50	0	19.35	19.42	19.28	0-2	0
	50	25	19.36	19.36	19.20		0
	50	50	19.38	19.36	19.25		0
	100	0	19.36	19.38	19.26		0
64QAM	1	0	19.50	19.63	19.44	0-2	0
	1	50	19.51	19.56	19.41		0
	1	99	19.68	19.58	19.50		0
	50	0	19.35	19.43	19.25	0-3	0
	50	25	19.37	19.34	19.21		0
	50	50	19.39	19.38	19.24		0
	100	0	19.37	19.38	19.29		0
256QAM	1	0	19.54	19.52	19.40	0-5	0
	1	50	19.46	19.47	19.33		0
	1	99	19.56	19.52	19.55		0
	50	0	19.34	19.43	19.25		0
	50	25	19.36	19.34	19.19		0
	50	50	19.39	19.37	19.23		0
	100	0	19.40	19.37	19.26		0

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9.3.1 LTE Band 41

Table 9-20
LTE Band 41 PC3 Ant M1 Measured P_{max} for ECI = 0 (Free)

LTE Band 41 20 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	24.08	23.97	24.03	23.94	23.34	0	0
	1	50	23.94	23.97	23.95	23.81	23.18		0
	1	99	23.94	24.06	23.94	23.69	23.15		0
	50	0	23.02	23.01	22.96	22.89	22.26	0-1	1
	50	25	23.00	23.01	22.96	22.84	22.20		1
	50	50	22.96	23.01	22.95	22.76	22.19		1
	100	0	22.99	23.01	22.93	22.83	22.22		1
16QAM	1	0	23.17	23.05	23.13	22.93	22.49	0-1	1
	1	50	23.04	23.07	22.98	22.86	22.35		1
	1	99	23.00	23.05	22.93	22.78	22.30		1
	50	0	22.03	22.03	21.98	21.90	21.29	0-2	2
	50	25	22.04	22.06	21.94	21.84	21.24		2
	50	50	22.00	22.05	21.95	21.77	21.23		2
	100	0	22.04	22.07	21.97	21.87	21.27		2
64QAM	1	0	21.76	21.67	21.66	21.59	20.99	0-2	2
	1	50	21.64	21.69	21.63	21.49	20.91		2
	1	99	21.62	21.72	21.58	21.35	20.84		2
	50	0	21.04	21.07	21.03	20.91	20.31	0-3	3
	50	25	21.03	21.09	20.99	20.86	20.26		3
	50	50	21.00	21.06	20.96	20.83	20.26		3
	100	0	20.99	21.06	20.95	20.81	20.28		3
256QAM	1	0	19.02	18.97	18.94	18.83	18.26	0-5	5
	1	50	18.85	18.91	18.82	18.65	18.06		5
	1	99	18.87	18.95	18.84	18.63	18.14		5
	50	0	19.17	19.21	19.12	19.02	18.40		5
	50	25	19.15	19.17	19.07	18.93	18.35		5
	50	50	19.12	19.17	19.07	18.90	18.37		5
	100	0	19.10	19.13	19.03	18.91	18.34		5

Table 9-21
LTE Band 41 PC2 Ant M1 Measured P_{max} for ECI = 0 (Free)

LTE Band 41 20 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	26.21	26.11	26.14	26.02	25.41	0	0
	1	50	26.03	26.08	26.04	25.83	25.23		0
	1	99	26.04	26.20	26.05	25.80	25.24		0
	50	0	25.14	25.09	25.02	24.92	24.30	0-1	1
	50	25	25.12	25.10	25.00	24.84	24.25		1
	50	50	25.06	25.12	24.99	24.78	24.23		1
	100	0	25.13	25.12	25.00	24.86	24.27		1

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Table 9-22
LTE Band 41 PC3 Ant M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2)

LTE Band 41 20 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	12.01	11.87	12.00	11.60	11.66	0	0
	1	50	11.96	11.84	11.80	11.55	11.52		0
	1	99	11.88	11.88	11.72	11.56	11.50		0
	50	0	12.01	11.88	11.90	11.63	11.65	0-1	0
	50	25	12.00	11.88	11.83	11.59	11.60		0
	50	50	11.95	11.88	11.78	11.60	11.56		0
	100	0	12.00	11.88	11.84	11.62	11.61		0
16QAM	1	0	12.13	12.02	12.12	11.73	11.59	0-1	0
	1	50	12.09	11.94	11.95	11.68	11.46		0
	1	99	12.01	12.02	11.85	11.70	11.42		0
	50	0	12.02	11.92	11.94	11.65	11.49	0-2	0
	50	25	12.04	11.91	11.87	11.63	11.43		0
	50	50	12.00	11.93	11.82	11.65	11.38		0
	100	0	12.05	11.95	11.88	11.68	11.45		0
64QAM	1	0	11.74	11.58	11.70	11.31	11.20	0-2	0
	1	50	11.69	11.58	11.53	11.29	11.04		0
	1	99	11.63	11.59	11.44	11.30	11.01		0
	50	0	12.06	11.97	11.97	11.71	11.52	0-3	0
	50	25	12.07	11.95	11.89	11.68	11.47		0
	50	50	12.03	11.96	11.84	11.68	11.41		0
	100	0	12.05	11.94	11.87	11.67	11.44		0
256QAM	1	0	11.87	11.74	11.86	11.50	11.36	0-5	0
	1	50	11.86	11.71	11.67	11.45	11.23		0
	1	99	11.81	11.75	11.60	11.48	11.23		0
	50	0	12.08	11.99	11.98	11.72	11.53		0
	50	25	12.09	11.97	11.90	11.69	11.47		0
	50	50	12.05	11.98	11.85	11.69	11.43		0
	100	0	12.04	11.94	11.86	11.67	11.45		0

Table 9-23
LTE Band 41 PC2 Ant M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2)

LTE Band 41 20 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	14.01	13.86	13.99	13.62	13.47	0	0
	1	50	13.90	13.83	13.82	13.56	13.32		0
	1	99	13.84	13.89	13.71	13.58	13.29		0
	50	0	13.93	13.82	13.83	13.47	13.36	0-1	0
	50	25	13.92	13.80	13.76	13.51	13.32		0
	50	50	13.89	13.81	13.71	13.54	13.29		0
	100	0	13.92	13.82	13.78	13.56	13.34		0

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Table 9-24
LTE Band 41 PC3 Ant M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3)

LTE Band 41 20 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	17.45	17.33	17.41	17.33	17.43	0	0
	1	50	17.29	17.32	17.32	17.32	17.31		0
	1	99	17.31	17.41	17.37	17.44	17.40		0
	50	0	17.45	17.29	17.30	17.34	17.41	0-1	0
	50	25	17.32	17.29	17.26	17.31	17.40		0
	50	50	17.31	17.25	17.33	17.29	17.39		0
	100	0	17.34	17.33	17.32	17.30	17.25		0
16QAM	1	0	17.18	17.15	17.20	17.25	17.19	0-1	0
	1	50	17.21	17.20	17.12	17.26	17.25		0
	1	99	17.25	17.21	17.13	17.21	17.24		0
	50	0	17.35	17.22	17.32	17.35	17.33	0-2	0
	50	25	17.32	17.31	17.29	17.40	17.34		0
	50	50	17.37	17.35	17.36	17.41	17.34		0
	100	0	17.37	17.34	17.38	17.35	17.34		0
64QAM	1	0	17.15	17.11	17.10	17.21	17.19	0-2	0
	1	50	17.22	17.08	17.05	17.22	17.29		0
	1	99	17.15	17.21	17.06	17.31	17.24		0
	50	0	17.35	17.15	17.35	17.15	17.35	0-3	0
	50	25	17.35	17.26	17.29	17.27	17.30		0
	50	50	17.36	17.30	17.37	17.39	17.31		0
	100	0	17.34	17.41	17.35	17.30	17.31		0
256QAM	1	0	17.25	17.20	17.26	17.15	17.21	0-5	0
	1	50	17.11	17.17	17.14	17.11	17.22		0
	1	99	17.25	17.15	17.21	17.08	17.21		0
	50	0	17.31	17.25	17.41	17.25	17.37	0	
	50	25	17.32	17.35	17.36	17.32	17.35	0	
	50	50	17.32	17.36	17.47	17.29	17.40	0	
	100	0	17.32	17.35	17.32	17.37	17.41	0	

Table 9-25
LTE Band 41 PC2 Ant M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3)

LTE Band 41 20 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	19.39	19.14	19.18	19.12	19.31	0	0
	1	50	19.33	19.12	19.13	19.10	19.18		0
	1	99	19.31	19.29	19.14	19.13	19.20		0
	50	0	19.29	19.13	19.06	19.07	19.26	0-1	0
	50	25	19.30	19.07	19.01	19.08	19.18		0
	50	50	19.35	19.15	19.03	19.06	19.16		0
	100	0	19.30	19.09	19.11	19.06	19.20		0



Figure 9-3
Power Measurement Setup

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9.4 NR Conducted Powers

Per October 2020 TCB Workshop Guidance, NR FR1 SAR evaluations are being generally based on adapting the existing LTE SAR procedures (FCC KDB Publication 941225 D05v02r05). Therefore, NR SAR for the lower bandwidths was not required for testing based on the measured output power and the reported NR SAR for the highest bandwidth. Lower bandwidth conducted powers for all NR bands can be found in LTE and NR Lower Bandwidth RF Conducted Powers Appendix.

Note: Some bands do not support non-overlapping channels. Per FCC Guidance, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

9.4.1 NR Band n5

Table 9-26
NR Band n5 Ant M1 Measured P_{max} for ECI = 0 (Free)

NR Band n5 20 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.40	0	0.0
	1	53	23.35		0.0
	1	104	23.13		0.0
	50	0	22.60	0-1	1.0
	50	28	23.47	0	0.0
	50	56	22.49	0-1	1.0
	100	0	22.52		1.0
DFT-s-OFDM 16QAM	1	1	22.67	0-1	1.0
CP-OFDM QPSK	1	1	21.94	0-1.5	1.5

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Table 9-27
NR Band n5 Ant M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2)

NR Band n5 20 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			167300 (836.5 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.05	0	0.0
	1	53	12.12		0.0
	1	104	12.13		0.0
	50	0	12.22	0-1	0.0
	50	28	12.22	0	0.0
	50	56	12.32	0-1	0.0
	100	0	12.12		0.0
DFT-s-OFDM 16QAM	1	1	12.27	0-1	0.0
CP-OFDM QPSK	1	1	12.05	0-1.5	0.0

9.4.1 NR Band n66

Table 9-28
NR Band n66 Ant M1 Measured P_{max} for ECI = 0 (Free)

NR Band n66 40 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.77	0	0.0
	1	108	24.21		0.0
	1	214	24.20		0.0
	108	0	23.10	0-1	1.0
	108	54	24.20	0	0.0
	108	108	23.26	0-1	1.0
	216	0	23.18		1.0
DFT-s-OFDM 16QAM	1	1	22.85	0-1	1.0
CP-OFDM QPSK	1	1	22.13	0-1.5	1.5

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Table 9-29
NR Band n66 Ant M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2)

NR Band n66 40 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	12.78	0	0.0
	1	108	13.26		0.0
	1	214	13.24		0.0
	108	0	13.15	0-1	0.0
	108	54	13.31	0	0.0
	108	108	13.28	0-1	0.0
	216	0	13.25		0.0
DFT-s-OFDM 16QAM	1	1	12.99	0-1	0.0
CP-OFDM QPSK	1	1	12.78	0-1.5	0.0

Table 9-30
NR Band n66 Ant M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3)

NR Band n66 40 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.39	0	0.0
	1	108	17.73		0.0
	1	214	17.69		0.0
	108	0	17.70	0-1	0.0
	108	54	17.76	0	0.0
	108	108	17.75	0-1	0.0
	216	0	17.71		0.0
DFT-s-OFDM 16QAM	1	1	17.57	0-1	0.0
CP-OFDM QPSK	1	1	17.34	0-1.5	0.0

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9.4.1 NR Band n25

Table 9-31
NR Band n25 Ant M1 Measured P_{max} for ECI = 0 (Free)

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.26	23.41	23.47	0	0.0
	1	53	23.26	23.42	23.45		0.0
	1	104	23.37	23.39	23.41		0.0
	50	0	22.36	22.47	22.56	0-1	1.0
	50	28	23.41	23.50	23.54	0	0.0
	50	56	22.41	22.46	22.50	0-1	1.0
	100	0	22.41	22.48	22.52		1.0
DFT-s-OFDM 16QAM	1	1	22.32	22.42	22.58	0-1	1.0
CP-OFDM QPSK	1	1	21.61	21.77	21.91	0-1.5	1.5

Table 9-32
NR Band n25 Ant M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2)

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	12.33	12.51	12.47	0	0.0
	1	53	12.42	12.51	12.43		0.0
	1	104	12.62	12.43	12.40		0.0
	50	0	12.52	12.60	12.57	0-1	0.0
	50	28	12.58	12.60	12.55	0	0.0
	50	56	12.63	12.58	12.53	0-1	0.0
	100	0	12.61	12.60	12.60		0.0
DFT-s-OFDM 16QAM	1	1	12.55	12.73	12.67	0-1	0.0
CP-OFDM QPSK	1	1	12.33	12.51	12.43	0-1.5	0.0

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Table 9-33
NR Band n25 Ant M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3)

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	18.46	18.50	18.49	0	0.0
	1	53	18.42	18.45	18.37		0.0
	1	104	18.53	18.43	18.47		0.0
	50	0	18.47	18.51	18.47	0-1	0.0
	50	28	18.47	18.44	18.42	0	0.0
	50	56	18.52	18.47	18.43	0-1	0.0
	100	0	18.49	18.51	18.47		0.0
DFT-s-OFDM 16QAM	1	1	18.52	18.58	18.54	0-1	0.0
CP-OFDM QPSK	1	1	18.40	18.35	18.35	0-1.5	0.0

9.4.1 NR Band n41

Table 9-34
NR Band n41 Ant M1 Measured P_{limit} for ECI = 0 (Free)

NR Band n41 100 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			518598 (2592.99 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.06	0	0.0
	1	137	18.72		0.0
	1	271	18.29		0.0
	135	0	18.36	0-1	0.0
	135	69	18.73	0	0.0
	135	138	18.67	0-1	0.0
	270	0	18.54		0.0
DFT-s-OFDM 16QAM	1	1	18.33	0-1	0.0
CP-OFDM QPSK	1	1	18.21	0-1.5	0.0

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Table 9-35
NR Band n41 Ant M1 Measured P_{limit} for ECI = 2 (Grip Sensor #2)

NR Band n41 100 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			518598 (2592.99 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	11.20	0	0.0
	1	137	11.98		0.0
	1	271	11.53		0.0
	135	0	11.46	0-1	0.0
	135	69	11.93	0	0.0
	135	138	11.86	0-1	0.0
	270	0	11.84		0.0
DFT-s-OFDM 16QAM	1	1	11.45	0-1	0.0
CP-OFDM QPSK	1	1	11.97	0-1.5	0.0

Table 9-36
NR Band n41 Ant M1 Measured P_{limit} for ECI = 3 (Grip Sensor #3)

NR Band n41 100 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			518598 (2592.99 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	15.32	0	0.0
	1	137	15.95		0.0
	1	271	15.41		0.0
	135	0	15.43	0-1	0.0
	135	69	15.88	0	0.0
	135	138	15.81	0-1	0.0
	270	0	15.64		0.0
DFT-s-OFDM 16QAM	1	1	15.22	0-1	0.0
CP-OFDM QPSK	1	1	15.60	0-1.5	0.0

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Table 9-37
NR Band n41 Ant S3, S2 Measured P_{limit} for all ECI

NR Band n41 100 MHz Bandwidth	
Channel	
Antenna	518598 (2592.99 MHz)
	Conducted Power [dBm]
SRS #2 Ant S3	6.05
SRS #3 Ant S2	10.62

Table 9-38
NR Band n41 Ant S1 Measured P_{limit} for ECI = 0 (Free)

NR Band n41 100 MHz Bandwidth	
Channel	
Antenna	518598 (2592.99 MHz)
	Conducted Power [dBm]
SRS #4 Ant S1	16.85

Table 9-39
NR Band n41 Ant S1 Measured P_{limit} for ECI = 5 (Grip Sensor #5)

NR Band n41 100 MHz Bandwidth	
Channel	
Antenna	518598 (2592.99 MHz)
	Conducted Power [dBm]
SRS #4 Ant S1	11.34

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9.4.1 NR Band n77

Table 9-40
NR Band n77 DoD Ant S4 Measured P_{limit} for ECI = 0 (Free)

NR Band n77 DoD 100 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.66	0	0.0
	1	137	18.54		0.0
	1	271	17.87		0.0
	135	0	18.00	0-1	0.0
	135	69	18.46	0	0.0
	135	138	17.67	0-1	0.0
	270	0	17.73		0.0
DFT-s-OFDM 16QAM	1	1	18.43	0-1	0.0
CP-OFDM QPSK	1	1	18.21	0-1.5	0.0

Table 9-41
NR Band n77 Ant S4 Measured P_{limit} for ECI = 0 (Free)

NR Band n77 100 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.02	18.02	0	0.0
	1	137	18.13	18.06		0.0
	1	271	18.35	18.09		0.0
	135	0	17.71	17.21	0-1	0.0
	135	69	18.32	18.06	0	0.0
	135	138	17.45	17.13	0-1	0.0
	270	0	17.41	17.37		0.0
DFT-s-OFDM 16QAM	1	1	17.46	17.16	0-1	0.0
CP-OFDM QPSK	1	1	17.41	17.32	0-1.5	0.0

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Table 9-42
NR Band n77 DoD Ant S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4)

NR Band n77 DoD 100 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	8.16	0	0.0
	1	137	8.49		0.0
	1	271	8.20		0.0
	135	0	7.99	0-1	0.0
	135	69	8.45	0	0.0
	135	138	8.43	0-1	0.0
	270	0	8.40		0.0
DFT-s-OFDM 16QAM	1	1	7.52	0-1	0.0
CP-OFDM QPSK	1	1	7.70	0-1.5	0.0

Table 9-43
NR Band n77 Ant S4 Measured P_{limit} for ECI = 4 (Grip Sensor #4)

NR Band n77 100 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	8.31	8.93	0	0.0
	1	137	8.54	8.91		0.0
	1	271	8.80	8.76		0.0
	135	0	8.42	8.84	0-1	0.0
	135	69	8.57	8.91	0	0.0
	135	138	8.60	8.83	0-1	0.0
	270	0	8.49	8.80		0.0
DFT-s-OFDM 16QAM	1	1	8.42	8.99	0-1	0.0
CP-OFDM QPSK	1	1	8.28	8.89	0-1.5	0.0

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Table 9-44
NR Band n77 DoD Ant M4 Measured P_{limit} for ECI = 0 (Free)

NR Band n77 DoD 100 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant M4	12.20

Table 9-45
NR Band n77 Ant M4 Measured P_{limit} for ECI = 0 (Free)

NR Band n77 100 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant M4	12.85	13.75

Table 9-46
NR Band n77 DoD Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3)

NR Band n77 DoD 100 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant M4	6.25

Table 9-47
NR Band n77 Ant M4 Measured P_{limit} for ECI = 3 (Grip Sensor #3)

NR Band n77 100 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant M4	6.12	7.81

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Table 9-48
NR Band n77 DoD Ant S2, S3 Measured P_{limit} for all ECI

NR Band n77 DoD 100 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #3 Ant S2	7.08
SRS #4 Ant S3	7.90

Table 9-49
NR Band n77 Ant S2, S3 Measured P_{limit} for all ECI

NR Band n77 100 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #3 Ant S2	7.62	8.19
SRS #4 Ant S3	8.45	8.72



Figure 9-4
Power Measurement Setup – NR Online

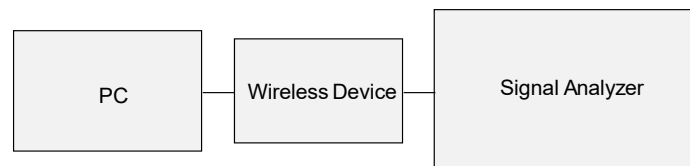


Figure 9-5
Power Measurement Setup – NR FTM

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9.5 WLAN Conducted Powers

Table 9-50
2.4 GHz WLAN Maximum Average RF Power – Antenna WIFI 0

2.4GHz WIFI (20MHz 802.11b SISO WIFI0)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	18.36
2437	6		18.11
2462	11		18.67
2.4GHz WIFI (20MHz 802.11g SISO WIFI0)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	14.33
2417	2		17.35
2437	6		17.36
2452	9		17.15
2457	10		16.39
2462	11		14.90
2.4GHz WIFI (20MHz 802.11n SISO WIFI0)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	14.72
2417	2		17.15
2437	6		17.26
2452	9		17.30
2457	10		16.35
2462	11		14.42
2.4GHz WIFI (20MHz 802.11ax SISO WIFI0)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	14.97
2437	6		14.82
2462	11		14.70

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Table 9-51
2.4 GHz WLAN Reduced Average RF Power with Grip Sensor Active – Antenna WIFI 0

2.4GHz WIFI (20MHz 802.11b SISO WIFI 0)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	12.16
2437	6		12.05
2462	11		12.29
2.4GHz WIFI (20MHz 802.11g SISO WIFI 0)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	11.66
2437	6		11.71
2462	11		11.88
2.4GHz WIFI (20MHz 802.11n SISO WIFI 0)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	11.94
2437	6		11.85
2462	11		11.95
2.4GHz WIFI (20MHz 802.11ax SISO WIFI 0)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	11.85
2437	6		11.83
2462	11		12.08

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Table 9-52

2.4 GHz WLAN Reduced Average RF Power with 5/6 GHz WLAN Active and/or 5G FR1 – Antenna WIFI 0

2.4GHz WIFI (20MHz 802.11b SISO WIFI 0)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	8.36
2437	6		8.01
2462	11		8.55

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Table 9-53
2.4 GHz WLAN Maximum Average RF Power – Antenna WIFI 1

2.4GHz WIFI (20MHz 802.11b SISO WIFI1)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	18.23
2437	6		18.87
2462	11		18.65
2.4GHz WIFI (20MHz 802.11g SISO WIFI1)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	14.38
2417	2		17.78
2437	6		17.90
2452	9		17.60
2457	10		16.20
2462	11		14.65
2.4GHz WIFI (20MHz 802.11n SISO WIFI1)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	14.05
2417	2		17.70
2437	6		17.83
2452	9		17.55
2457	10		16.15
2462	11		14.58
2.4GHz WIFI (20MHz 802.11ax SISO WIFI1)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	14.53
2437	6		14.99
2462	11		14.85

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Table 9-54
2.4 GHz WLAN Reduced Average RF Power with Grip Sensor Active – Antenna WIFI 1

2.4GHz WIFI (20MHz 802.11b SISO WIFI 1)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	12.30
2437	6		12.37
2462	11		12.21
2.4GHz WIFI (20MHz 802.11g SISO WIFI 1)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	12.40
2437	6		12.30
2462	11		12.47
2.4GHz WIFI (20MHz 802.11n SISO WIFI 1)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	12.12
2437	6		12.20
2462	11		12.48
2.4GHz WIFI (20MHz 802.11ax SISO WIFI 1)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	12.42
2437	6		12.47
2462	11		12.45

Table 9-55
2.4 GHz WLAN Reduced Average RF Power with 5/6 GHz WLAN Active and/or 5G FR1 – Antenna WIFI 1

2.4GHz WIFI (20MHz 802.11b SISO WIFI 1)			
Freq. [MHz]	Channel	Detector	Conducted Power [dBm]
2412	1	Average	8.27
2437	6		8.89
2462	11		8.86

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Table 9-56
2.4 GHz WLAN Maximum Average RF Power – MIMO

2.4GHz WIFI (20MHz 802.11b MIMO)					
Freq [MHz]	Channel	Detector	Conducted Power [dBm]		
			WIFI0	WIFI1	MIMO
2412	1	Average	18.33	18.24	21.30
2437	6		18.06	18.84	21.48
2462	11		18.54	18.57	21.57

Table 9-57
2.4 GHz WLAN Reduced Average RF Power with Grip Sensor Active – MIMO

2.4GHz WIFI (20MHz 802.11b MIMO)					
Freq [MHz]	Channel	Detector	Conducted Power [dBm]		
			WIFI 0	WIFI 1	MIMO
2412	1	Average	12.01	12.39	15.21
2437	6		11.61	12.43	15.05
2462	11		12.12	12.49	15.32

Table 9-58
2.4 GHz WLAN Reduced Average RF Power with 5/6 GHz WLAN Active – MIMO

2.4GHz WIFI (20MHz 802.11b MIMO)					
Freq [MHz]	Channel	Detector	Conducted Power [dBm]		
			WIFI 0	WIFI 1	MIMO
2412	1	Average	8.60	8.22	11.42
2437	6		8.00	8.90	11.48
2462	11		8.60	8.87	11.75

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Table 9-59

5 GHz WLAN Maximum Average RF Power – Antenna WIFI 0

5GHz WIFI (20MHz 802.11a SISO WIFI 0)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-1	5180	36	17.02
	5200	40	17.27
	5220	44	17.34
	5240	48	17.35
UNII-2A	5260	52	17.77
	5280	56	17.71
	5300	60	17.86
	5320	64	17.99
UNII-2C	5500	100	17.78
	5600	120	17.23
	5620	124	17.21
	5720	144	17.96
UNII-4	5845	169	17.88
	5865	173	17.68
	5885	177	17.45
5GHz WIFI (20MHz 802.11n SISO WIFI 0)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-1	5180	36	17.67
	5200	40	17.77
	5220	44	17.93
	5240	48	17.56
UNII-2A	5260	52	17.49
	5280	56	17.56
	5300	60	17.91
	5320	64	17.31
UNII-2C	5500	100	17.89
	5600	120	17.48
	5620	124	17.39
	5720	144	17.62
UNII-4	5845	169	17.55
	5865	173	17.53
	5885	177	17.47
5GHz WIFI (20MHz 802.11ac SISO WIFI 0)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-1	5180	36	17.59
	5200	40	17.68
	5220	44	17.88
	5240	48	17.54
UNII-2A	5260	52	17.80
	5280	56	17.89
	5300	60	17.93
	5320	64	17.77
UNII-2C	5500	100	17.95
	5600	120	17.52
	5620	124	17.42
	5720	144	17.61
UNII-4	5845	169	17.52
	5865	173	17.45
	5885	177	17.51
5GHz WIFI (20MHz 802.11ax SISO WIFI 0)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-1	5180	36	10.43
	5200	40	10.83
	5220	44	10.53
	5240	48	10.74
UNII-2A	5260	52	10.92
	5280	56	10.44
	5300	60	10.50
	5320	64	10.54
UNII-2C	5500	100	10.55
	5620	124	10.51
	5640	128	10.48
	5720	144	10.61
UNII-4	5845	169	10.59
	5865	173	10.52
	5885	177	10.52

5GHz WIFI (80MHz 802.11ac SISO WIFI0)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-3	5775	155	14.80

5GHz WIFI (80MHz 802.11ax SISO WIFI0)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-3	5775	155	10.88

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Table 9-60
5 GHz WLAN Reduced Average RF Power with Grip Sensor Active – Antenna WIFI 0

5GHz WIFI (80MHz 802.11ac SISO WIFI 0)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-1	5210	42	7.31
UNII-2A	5290	58	7.75
UNII-2C	5530	106	7.34
	5610	122	7.47
	5690	138	7.95
UNII-3	5775	155	7.68
UNII-4	5885	171	7.91

Table 9-61
5 GHz WLAN Reduced Average RF Power with 2.4 GHz WLAN/BT and/or 5G FR1 Active – Antenna WIFI 0

5GHz WIFI (80MHz 802.11ac SISO WIFI0)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-1	5210	42	4.14
UNII-2A	5290	58	4.37
UNII-2C	5530	106	4.84
	5610	122	4.59
	5690	138	4.85
UNII-3	5775	155	4.80
UNII-4	5885	171	4.99
5GHz WIFI (80MHz 802.11ax SISO WIFI0)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-1	5210	42	4.28
UNII-2A	5290	58	4.88
UNII-2C	5530	106	4.90
	5610	122	4.50
	5690	138	4.80
UNII-3	5775	155	4.75
UNII-4	5885	171	4.85

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Table 9-62

5 GHz WLAN Maximum Average RF Power – Antenna WIFI 1

5GHz WIFI (20MHz 802.11a SISO WIFI 1)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-1	5180	36	17.45
	5200	40	17.20
	5220	44	17.48
	5240	48	17.75
UNII-2A	5260	52	17.34
	5280	56	17.26
	5300	60	17.50
	5320	64	17.39
UNII-2C	5500	100	17.82
	5600	120	17.39
	5620	124	17.63
	5720	144	17.62
UNII-4	5845	169	17.36
	5865	173	17.26
	5885	177	17.42
5GHz WIFI (20MHz 802.11n SISO WIFI 1)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-1	5180	36	17.67
	5200	40	17.95
	5220	44	17.27
	5240	48	17.52
UNII-2A	5260	52	17.74
	5280	56	17.69
	5300	60	17.50
	5320	64	17.48
UNII-2C	5500	100	17.48
	5600	120	17.56
	5620	124	17.66
	5720	144	17.43
UNII-4	5845	169	17.55
	5865	173	17.66
	5885	177	17.72
5GHz WIFI (20MHz 802.11ac SISO WIFI 1)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-1	5180	36	17.91
	5200	40	17.92
	5220	44	17.56
	5240	48	17.52
UNII-2A	5260	52	17.71
	5280	56	17.71
	5300	60	17.47
	5320	64	17.78
UNII-2C	5500	100	17.53
	5600	120	17.81
	5620	124	17.86
	5720	144	17.41
UNII-4	5845	169	17.49
	5865	173	17.67
	5885	177	17.69
5GHz WIFI (20MHz 802.11ax SISO WIFI 1)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-1	5180	36	10.72
	5200	40	10.57
	5220	44	10.84
	5240	48	10.85
UNII-2A	5260	52	10.74
	5280	56	10.76
	5300	60	10.59
	5320	64	10.61
UNII-2C	5500	100	10.45
	5600	120	10.58
	5620	124	10.61
	5720	144	10.41
UNII-4	5845	169	10.68
	5865	173	10.56
	5885	177	10.63

5GHz WIFI (80MHz 802.11ac SISO WIFI 1)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-3	5775	155	14.82
5GHz WIFI (80MHz 802.11ax SISO WIFI 1)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-3	5775	155	10.80

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Table 9-63
5 GHz WLAN Reduced Average RF Power with Grip Sensor Active – Antenna WIFI 1

5GHz WIFI (80MHz 802.11ac SISO WIFI 1)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-1	5210	42	7.49
UNII-2A	5290	58	7.27
UNII-2C	5530	106	7.42
	5610	122	7.92
	5690	138	7.56
UNII-3	5775	155	7.40
UNII-4	5885	171	7.12

Table 9-64
5GHz WLAN Reduced Average RF Power with 2.4 GHz WLAN/BT and/or 5G FR1 Active – Antenna WIFI 1

5GHz WIFI (80MHz 802.11ac SISO WIFI1)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-1	5210	42	4.69
UNII-2A	5290	58	4.40
UNII-2C	5530	106	4.40
	5610	122	4.60
	5690	138	4.58
UNII-3	5775	155	4.99
UNII-4	5885	171	4.63
5GHz WIFI (80MHz 802.11ax SISO WIFI1)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-1	5210	42	4.86
UNII-2A	5290	58	4.80
UNII-2C	5530	106	4.85
	5610	122	4.67
	5690	138	4.98
UNII-3	5775	155	4.66
UNII-4	5885	171	4.80

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Table 9-65
5 GHz WLAN Maximum Average RF Power – MIMO

5GHz WIFI (20MHz 802.11a MIMO)					
Band	Freq [MHz]	Channel	Avg. Conducted Powers [dBm]		
			WIFI 0	WIFI 1	MIMO
UNII-1	5180	36	17.07	17.35	20.22
	5200	40	17.15	17.04	20.11
	5220	44	17.26	17.55	20.42
	5240	48	17.36	17.61	20.50
UNII-2A	5260	52	17.96	17.38	20.69
	5280	56	17.82	17.62	20.73
	5300	60	17.97	17.67	20.83
	5320	64	17.90	17.51	20.72
UNII-2C	5500	100	17.94	17.80	20.88
	5600	120	17.52	17.66	20.60
	5620	124	17.38	17.75	20.58
	5720	144	17.99	17.70	20.86
UNII-4	5845	169	17.90	17.43	20.68
	5865	173	17.92	17.63	20.79
	5885	177	17.73	17.49	20.62
5GHz WIFI (80MHz 802.11ac MIMO)					
Band	Freq [MHz]	Channel	Avg. Conducted Powers [dBm]		
			ANT1	ANT2	MIMO
UNII-3	5775	155	14.80	14.83	17.83

Table 9-66
5 GHz WLAN Reduced Average RF Power with Grip Sensor Active – MIMO

5GHz WIFI (80MHz 802.11ac MIMO)					
Band	Freq [MHz]	Channel	Avg. Conducted Powers [dBm]		
			ANT1	ANT2	MIMO
UNII-1	5210	42	7.37	7.51	10.45
UNII-2A	5290	58	7.81	7.05	10.46
UNII-2C	5530	106	7.40	7.62	10.52
	5610	122	7.56	7.97	10.78
	5690	138	7.98	7.89	10.95
UNII-3	5775	155	7.71	7.41	10.57
UNII-4	5885	171	7.66	7.11	10.40

Table 9-67
5 GHz WLAN Reduced Average RF Power with 2.4 GHz WLAN/BT and/or 5G FR1 Active – MIMO

5GHz WIFI (80MHz 802.11ac MIMO)					
Band	Freq [MHz]	Channel	Avg. Conducted Powers [dBm]		
			ANT1	ANT2	MIMO
UNII-1	5210	42	4.18	4.63	7.42
UNII-2A	5290	58	4.52	4.50	7.52
UNII-2C	5530	106	4.88	4.64	7.77
	5610	122	4.00	4.56	7.30
	5690	138	4.88	4.99	7.95
UNII-3	5775	155	4.36	4.95	7.68
UNII-4	5885	171	4.68	4.80	7.75

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Table 9-68
6 GHz WLAN Maximum Average RF Power – Antenna WIFI 0

6GHz WIFI (80MHz 802.11ax SISO WIFI 0)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-5	5985	7	13.06
	6305	71	13.30
UNII-6	6465	103	13.19
UNII-7	6705	151	13.43
UNII-8	7025	215	13.36

Table 9-69
6 GHz WLAN Reduced Average RF Power with Grip Sensor Active, 2.4 GHz WLAN/BT and/or 5G FR1 Active – Antenna WIFI 0

6GHz WIFI (160MHz 802.11ax SISO WIFI 0)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-5	6025	15	6.66
	6345	79	6.23
UNII-6	6505	111	6.74
UNII-7	6665	143	6.52
UNII-8	6985	207	6.77

Table 9-70
6 GHz WLAN Maximum Average RF Power – Antenna WIFI 1

6GHz WIFI (80MHz 802.11ax SISO WIFI 1)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-5	5985	7	13.77
	6305	71	13.45
UNII-6	6465	103	13.50
UNII-7	6705	151	13.99
UNII-8	7025	215	13.10

Table 9-71
6 GHz WLAN Reduced Average RF Power with Grip Sensor Active, 2.4 GHz WLAN/BT and/or 5G FR1 Active – Antenna WIFI 1

6GHz WIFI (160MHz 802.11ax SISO WIFI 1)			
Band	Freq. [MHz]	Channel	Avg. Conducted Power [dBm]
UNII-5	6025	15	6.39
	6345	79	6.76
UNII-6	6505	111	6.61
UNII-7	6665	143	6.13
UNII-8	6985	207	6.11

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Table 9-72

6 GHz WLAN Maximum Average RF Power – MIMO

6GHz WIFI (80MHz 802.11ax MIMO)					
Band	Freq [MHz]	Channel	Avg. Conducted Powers [dBm]		
			WIFI 0	WIFI 1	MIMO
UNII-5	5985	7	13.37	13.60	16.50
	6305	71	13.43	13.56	16.51
UNII-6	6465	103	13.69	12.80	16.28
UNII-7	6705	151	13.96	13.60	16.79
UNII-8	7025	215	13.40	13.08	16.25

Table 9-73

6 GHz WLAN Reduced Average RF Power with Grip Sensor Active, 2.4 GHz WLAN/BT and/or 5G FR1 Active – MIMO

6GHz WIFI (160MHz 802.11ax MIMO)					
Band	Freq [MHz]	Channel	Avg. Conducted Powers [dBm]		
			WIFI 0	WIFI 1	MIMO
UNII-5	6025	15	6.85	6.50	9.69
	6345	79	6.20	6.88	9.56
UNII-6	6505	111	6.79	6.68	9.75
UNII-7	6665	143	6.58	6.16	9.39
UNII-8	6985	207	6.52	6.26	9.40

Justification for test configurations for WLAN per KDB Publication 248227 D01v02r02:

- Power measurements were performed for the transmission mode configuration with the highest maximum output power specified for production units.
- For transmission modes with the same maximum output power specification, powers were measured for the largest channel bandwidth, lowest order modulation and lowest data rate.
- For transmission modes with identical maximum specified output power, channel bandwidth, modulation and data rates, power measurements were required for all identical configurations.
- For each transmission mode configuration, powers were measured for the highest and lowest channels; and at the mid-band channel(s) when there were at least 3 channels supported. For configurations with multiple mid-band channels, due to an even number of channels, both channels were measured.

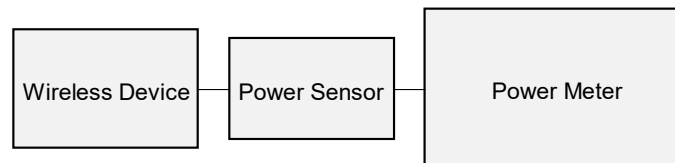


Figure 9-6
Power Measurement Setup

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9.6 Bluetooth Conducted Powers

Table 9-74
Bluetooth Maximum Average RF Power – Antenna WIFI 0

Frequency [MHz]	Data Rate [Mbps]	Channel No.	Avg Conducted Power	
			[dBm]	[mW]
2402	1.0	0	14.56	28.594
2441	1.0	39	14.12	25.806
2480	1.0	78	13.91	24.587
2402	2.0	0	14.17	26.122
2441	2.0	39	13.85	24.266
2480	2.0	78	14.00	25.119
2402	3.0	0	14.29	26.862
2441	3.0	39	13.97	24.972
2480	3.0	78	14.10	25.693

Table 9-75
Bluetooth Reduced Average RF Power with Grip Sensor Active, 2.4/5/6 GHz WLAN and/or 5G FR1 Active – Antenna WIFI 0

Frequency [MHz]	Data Rate [Mbps]	Channel No.	Avg Conducted Power	
			[dBm]	[mW]
2402	1.0	0	8.19	6.592
2441	1.0	39	9.52	8.954
2480	1.0	78	8.98	7.907
2402	2.0	0	8.40	6.918
2441	2.0	39	9.63	9.183
2480	2.0	78	9.18	8.279
2402	3.0	0	8.39	6.902
2441	3.0	39	9.64	9.204
2480	3.0	78	9.17	8.260

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Table 9-76
Bluetooth Maximum Average RF Power – Antenna WIFI 1

Frequency [MHz]	Data Rate [Mbps]	Channel No.	Avg Conducted Power	
			[dBm]	[mW]
2402	1.0	0	14.32	27.040
2441	1.0	39	14.10	25.704
2480	1.0	78	14.00	25.119
2402	2.0	0	14.21	26.363
2441	2.0	39	14.06	25.468
2480	2.0	78	13.35	21.627
2402	3.0	0	14.34	27.164
2441	3.0	39	14.16	26.062
2480	3.0	78	13.48	22.284

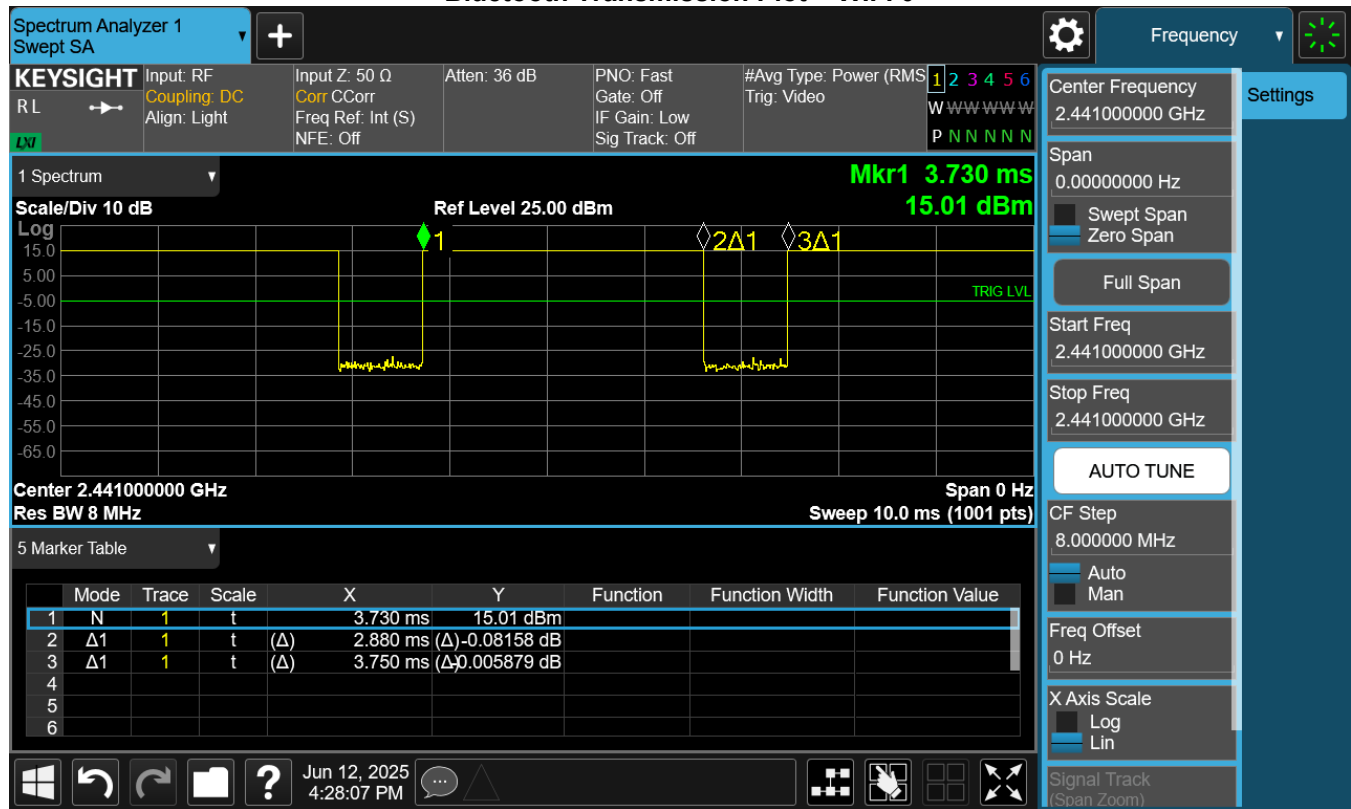
Table 9-77
Bluetooth Reduced Average RF Power with Grip Sensor Active, 2.4/5/6 GHz WLAN and/or 5G FR1 Active – Antenna WIFI 1

Frequency [MHz]	Data Rate [Mbps]	Channel No.	Avg Conducted Power	
			[dBm]	[mW]
2402	1.0	0	7.03	5.047
2441	1.0	39	7.55	5.689
2480	1.0	78	7.02	5.035
2402	2.0	0	7.18	5.224
2441	2.0	39	7.65	5.821
2480	2.0	78	7.18	5.224
2402	3.0	0	7.17	5.212
2441	3.0	39	7.68	5.861
2480	3.0	78	7.19	5.236

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Figure 9-7
Bluetooth Transmission Plot – WIFI 0

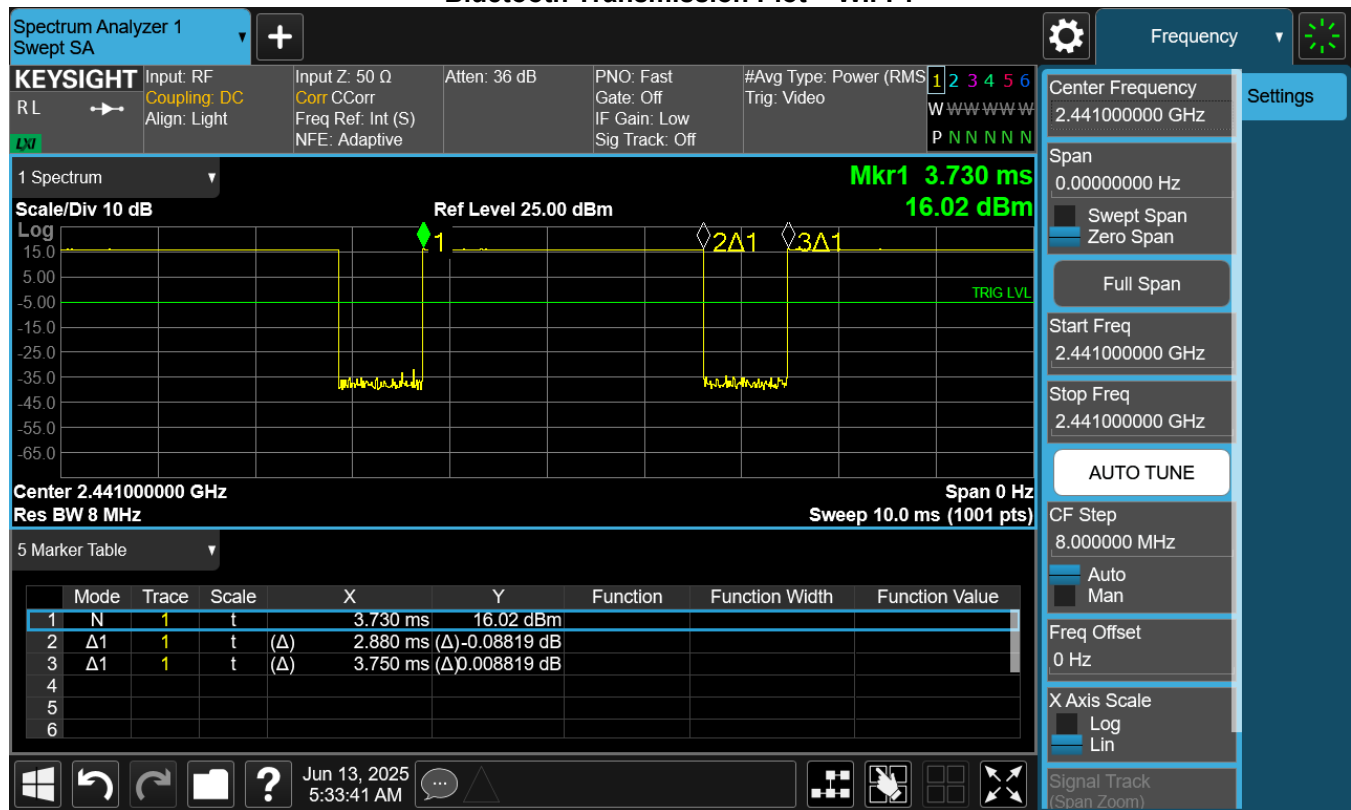


Equation 9-1
Bluetooth WIFI 0 Duty Cycle Calculation

$$Duty\ Cycle = \frac{Pulse\ Width}{Period} * 100\% = \frac{2.880\ ms}{3.750\ ms} * 100\% = 76.8\%$$

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Figure 9-8
Bluetooth Transmission Plot – WIFI 1



Equation 9-2
Bluetooth Antenna WIFI 1 Duty Cycle Calculation

$$\text{Duty Cycle} = \frac{\text{Pulse Width}}{\text{Period}} * 100\% = \frac{2.880 \text{ ms}}{3.750 \text{ ms}} * 100\% = 76.8\%$$

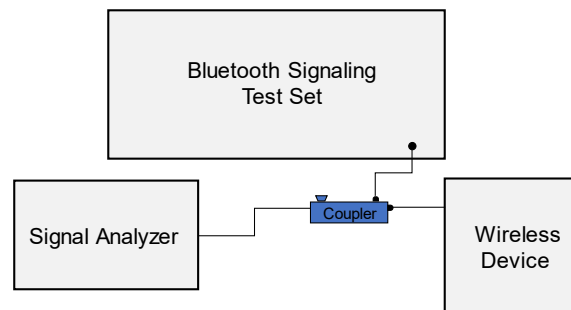


Figure 9-9
Power Measurement Setup

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10 SYSTEM VERIFICATION

10.1 Tissue Verification

Table 10-1
Measured Head Tissue Properties

Calibrated for Tests Performed on:	Tissue Type	Tissue Temp During Calibration (°C)	Measured Frequency (MHz)	Measured Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ	TARGET Conductivity, σ (S/m)	TARGET Dielectric Constant, ϵ	% dev σ	% dev ϵ
06/09/2025	750 Head	24.2	690	0.865	41.863	0.888	42.305	-2.59%	-1.00%
			695	0.870	41.858	0.889	42.227	-2.14%	-0.88%
			710	0.874	41.820	0.890	42.149	-1.80%	-0.78%
			725	0.879	41.776	0.891	42.071	-1.35%	-0.70%
			750	0.887	41.689	0.894	41.942	-0.78%	-0.60%
			770	0.893	41.637	0.895	41.838	-0.22%	-0.46%
			785	0.898	41.608	0.896	41.760	0.22%	-0.36%
			800	0.903	41.581	0.897	41.682	0.67%	-0.24%
			880	0.889	41.810	0.888	42.305	-2.14%	-1.17%
			695	0.873	41.780	0.889	42.227	-1.80%	-1.06%
06/11/2025	750 Head	24.2	710	0.877	41.748	0.890	42.149	-1.46%	-0.85%
			725	0.882	41.700	0.891	42.071	-1.01%	-0.88%
			750	0.890	41.614	0.894	41.942	-0.45%	-0.78%
			770	0.896	41.566	0.895	41.838	0.11%	-0.65%
			785	0.901	41.539	0.896	41.760	0.56%	-0.53%
			800	0.906	41.515	0.897	41.682	1.02%	-0.40%
			690	0.866	41.979	0.888	42.305	-2.48%	-0.77%
			695	0.870	41.934	0.889	42.227	-2.14%	-0.69%
			710	0.875	41.900	0.890	42.149	-1.69%	-0.59%
			725	0.881	41.863	0.891	42.071	-1.12%	-0.49%
06/17/2025	750 Head	21.6	750	0.880	41.780	0.894	41.942	-0.45%	-0.39%
			770	0.885	41.702	0.895	41.838	0.11%	-0.33%
			785	0.901	41.663	0.896	41.760	0.56%	-0.23%
			800	0.907	41.624	0.897	41.682	1.11%	-0.14%
			815	0.908	41.548	0.898	41.594	1.11%	-0.11%
			820	0.909	41.525	0.899	41.578	1.11%	-0.10%
			835	0.914	41.482	0.900	41.500	1.56%	-0.04%
			850	0.919	41.436	0.916	41.500	0.33%	-0.19%
			815	0.911	41.478	0.898	41.594	1.45%	-0.28%
			820	0.912	41.464	0.899	41.578	1.45%	-0.27%
06/09/2025	835 Head	24.2	835	0.918	41.413	0.900	41.500	1.78%	-0.21%
			850	0.921	41.364	0.916	41.500	0.56%	-0.33%
			815	0.921	41.396	0.898	41.594	3.67%	0.97%
			820	0.932	41.862	0.899	41.578	3.67%	0.97%
			835	0.937	41.920	0.900	41.500	4.11%	1.01%
			850	0.941	41.858	0.916	41.500	2.73%	0.86%
			815	0.912	41.586	0.898	41.594	1.56%	-0.02%
			820	0.915	41.572	0.899	41.578	1.56%	-0.01%
			835	0.918	41.524	0.900	41.500	2.00%	0.06%
			850	0.924	41.465	0.916	41.500	0.87%	-0.08%
06/15/2025	835 Head	22.5	820	0.932	41.862	0.899	41.578	3.67%	0.97%
			835	0.937	41.920	0.900	41.500	4.11%	1.01%
			850	0.941	41.858	0.916	41.500	2.73%	0.86%
			815	0.912	41.586	0.898	41.594	1.56%	-0.02%
			820	0.915	41.572	0.899	41.578	1.56%	-0.01%
			835	0.918	41.524	0.900	41.500	2.00%	0.06%
			850	0.924	41.465	0.916	41.500	0.87%	-0.08%
			1700	1.308	39.526	1.343	40.145	-2.61%	-1.54%
			1705	1.310	39.519	1.345	40.141	-2.60%	-1.53%
			1710	1.313	39.511	1.348	40.136	-2.60%	-1.56%
06/17/2025	835 Head	21.6	1720	1.318	39.498	1.354	40.126	-2.66%	-1.57%
			1745	1.333	39.475	1.368	40.087	-2.56%	-1.53%
			1750	1.337	39.473	1.371	40.079	-2.48%	-1.51%
			1770	1.349	39.461	1.383	40.047	-2.46%	-1.46%
			1790	1.363	39.440	1.394	40.016	-2.44%	-1.44%
			1700	1.300	39.651	1.343	40.145	-3.20%	-1.23%
			1705	1.302	39.644	1.345	40.141	-3.20%	-1.24%
			1710	1.305	39.636	1.348	40.136	-3.19%	-1.25%
			1720	1.310	39.623	1.354	40.126	-3.25%	-1.28%
			1745	1.326	39.602	1.368	40.087	-3.07%	-1.21%
06/15/2025	1750 Head	20.3	1750	1.330	39.600	1.371	40.079	-2.99%	-1.20%
			1770	1.342	39.586	1.383	40.047	-2.96%	-1.15%
			1790	1.352	39.560	1.394	40.016	-3.01%	-1.14%
			1700	1.312	40.055	1.343	40.145	-2.31%	-0.22%
			1705	1.314	40.045	1.345	40.141	-2.30%	-0.24%
			1710	1.317	40.035	1.348	40.136	-2.30%	-0.25%
			1720	1.322	40.016	1.354	40.126	-2.36%	-0.27%
			1745	1.337	39.969	1.368	40.087	-2.27%	-0.29%
			1750	1.341	39.960	1.371	40.079	-2.19%	-0.30%
			1770	1.353	39.929	1.383	40.047	-2.17%	-0.29%
06/17/2025	1750 Head	20.3	1790	1.364	39.897	1.394	40.016	-2.15%	-0.30%
			1700	1.311	39.969	1.343	40.145	-2.38%	-0.26%
			1705	1.314	39.961	1.345	40.141	-2.30%	-0.26%
			1710	1.317	39.953	1.348	40.136	-2.30%	-0.27%
			1720	1.323	39.937	1.354	40.126	-2.29%	-0.27%
			1745	1.337	39.905	1.368	40.087	-2.27%	-0.27%
			1750	1.340	39.897	1.371	40.079	-2.26%	-0.27%
			1770	1.353	39.947	1.383	40.047	-2.17%	-0.27%
			1790	1.365	39.904	1.394	40.016	-2.08%	-0.27%
			1850	1.408	41.231	1.400	40.000	0.57%	3.08%
06/24/2025	1750 Head	20.4	1880	1.415	41.221	1.400	40.000	1.07%	3.05%
			1880	1.425	41.158	1.400	40.000	1.79%	3.00%
			1900	1.434	41.168	1.400	40.000	2.43%	2.82%
			1905	1.436	41.158	1.400	40.000	2.57%	2.90%
			1910	1.438	41.147	1.400	40.000	2.71%	2.87%
			1920	1.443	41.128	1.400	40.000	3.07%	2.82%
			1950	1.399	39.788	1.400	40.000	-0.07%	-0.54%
			1860	1.404	39.768	1.400	40.000	0.29%	-0.58%
			1880	1.416	39.741	1.400	40.000	1.14%	-0.65%
			1900	1.427	39.715	1.400	40.000	1.93%	-0.71%
06/11/2025	1900 Head	21.7	1905	1.429	39.708	1.400	40.000	2.07%	-0.73%
			1910	1.432	39.703	1.400	40.000	2.29%	-0.74%
			1920	1.438	39.694	1.400	40.000	2.71%	-0.76%
			1850	1.399	38.788	1.400	40.000	-0.07%	-3.03%
			1860	1.405	38.770	1.400	40.000	0.36%	-3.07%
			1880	1.417	38.735	1.400	40.000	1.21%	-3.16%
			1900	1.426	38.708	1.400	40.000	2.60%	-3.23%
			1905	1.431	38.702	1.400	40.000	2.21%	-3.25%
			1910	1.434	38.695	1.400	40.000	2.43%	-3.26%
			1920	1.440	38.681	1.400	40.000	2.86%	-3.30%
06/27/2025	1900 Head	20.0	1850	1.383	38.583	1.400	40.000	-1.21%	-3.54%
			1860	1.390	38.575	1.400	40.000	-0.71%	-3.58%
			1880	1.403	38.564	1.400	40.000	0.21%	-3.59%
			1900	1.415	38.530	1.400	40.000	1.07%	-3.68%
			1905	1.419	38.521	1.400	40.000	1.36%	-3.70%
			1910	1.422	38.511	1.400	40.000	1.57%	-3.72%

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Table 10-2
Measured Head Tissue Properties

Calibrated for Tests Performed on:	Tissue Type	Tissue Temp During Calibration (°C)	Measured Frequency (MHz)	Measured Conductivity, σ (S/m)	Measured Dielectric Constant, ε	TARGET Conductivity, σ (S/m)	TARGET Dielectric Constant, ε	% dev σ	% dev ε
06/18/2025	2450 Head	20.0	2300	1.731	39.313	1.670	39.500	3.65%	-0.47%
			2310	1.738	39.356	1.679	39.480	3.51%	-0.47%
			2320	1.746	39.385	1.687	39.460	3.50%	-0.44%
			2400	1.810	39.152	1.756	39.289	3.08%	-0.33%
			2450	1.844	39.071	1.800	39.200	2.66%	-0.33%
			2480	1.865	39.031	1.833	39.162	1.96%	-0.33%
			2500	1.884	39.001	1.855	39.136	1.56%	-0.34%
			2510	1.885	39.000	1.866	39.123	1.46%	-0.28%
			2535	1.914	39.034	1.893	39.092	1.11%	-0.40%
			2550	1.920	39.005	1.909	39.073	0.89%	-0.43%
			2560	1.934	38.992	1.920	39.000	0.73%	-0.43%
			2600	1.965	38.820	1.964	39.009	0.05%	-0.48%
			2650	2.005	38.733	2.018	38.945	-0.64%	-0.54%
			2680	2.020	38.675	2.051	38.907	-1.07%	-0.60%
			2700	2.045	38.636	2.073	38.882	-1.35%	-0.63%
06/19/2025	2450 Head	20.3	2300	1.722	39.364	1.670	39.500	3.11%	0.92%
			2310	1.729	39.348	1.679	39.480	2.88%	0.93%
			2320	1.738	39.330	1.687	39.460	2.95%	0.94%
			2400	1.798	39.179	1.756	39.289	2.39%	1.09%
			2450	1.839	39.036	1.800	39.200	1.94%	1.11%
			2480	1.864	39.069	1.833	39.162	1.36%	1.09%
			2500	1.876	39.055	1.855	39.136	1.13%	1.08%
			2510	1.889	39.045	1.866	39.123	1.02%	1.08%
			2535	1.905	39.010	1.893	39.092	0.63%	1.07%
			2550	1.910	39.040	1.909	39.073	0.31%	1.07%
			2560	1.923	39.075	1.920	39.000	0.16%	1.05%
			2600	1.959	39.403	1.964	39.009	-0.28%	1.01%
			2650	2.002	39.319	2.018	38.945	-0.79%	0.98%
			2680	2.036	39.251	2.051	38.907	-1.14%	0.92%
			2700	2.043	39.224	2.073	38.882	-1.45%	0.88%
06/25/2025	2450 Head	19.9	2300	1.672	39.016	1.670	39.500	2.12%	-3.75%
			2310	1.679	37.988	1.679	39.480	0.00%	-3.78%
			2320	1.687	37.982	1.687	39.460	0.00%	-3.75%
			2400	1.744	37.842	1.756	39.289	0.97%	-3.68%
			2450	1.792	37.763	1.800	39.200	-1.00%	-3.67%
			2480	1.804	37.708	1.833	39.162	-1.58%	-3.71%
			2500	1.816	37.675	1.855	39.136	-1.94%	-3.72%
			2510	1.828	37.681	1.866	39.123	-2.04%	-3.74%
			2535	1.847	37.625	1.893	39.062	-2.42%	-3.75%
			2550	1.869	37.600	1.909	39.073	-2.62%	-3.77%
			2560	1.887	37.583	1.920	39.000	-2.70%	-3.78%
			2600	1.898	37.523	1.964	39.009	-3.36%	-3.81%
			2650	1.938	37.422	2.018	38.945	-3.99%	-3.91%
			2680	1.962	37.374	2.051	38.907	-4.34%	-3.94%
			2700	1.976	37.362	2.073	38.882	-4.68%	-3.93%
06/25/2025	2450 Head	21.1	2300	1.675	40.498	1.670	39.500	0.30%	2.52%
			2310	1.683	40.488	1.679	39.480	0.48%	2.24%
			2320	1.690	40.476	1.687	39.460	0.41%	2.27%
			2400	1.750	40.346	1.756	39.289	-0.34%	2.69%
			2450	1.794	40.257	1.800	39.200	-0.89%	2.70%
			2480	1.800	40.213	1.833	39.162	-1.37%	2.68%
			2500	1.829	40.188	1.855	39.136	-1.62%	2.71%
			2510	1.836	40.186	1.866	39.123	-1.82%	2.72%
			2535	1.856	40.136	1.893	39.062	-2.27%	2.67%
			2550	1.865	40.103	1.909	39.073	-2.47%	2.64%
			2560	1.872	40.086	1.920	39.000	-2.50%	2.63%
			2600	1.904	40.020	1.964	39.009	-3.05%	2.67%
			2650	1.942	39.930	2.018	38.945	-3.77%	2.53%
			2680	1.969	39.900	2.051	38.907	-4.00%	2.55%
			07/01/2025	2450 Head	20.6	2300	1.682	38.538	1.670
2310	1.689	38.512				1.679	39.480	0.60%	-2.49%
2320	1.696	38.496				1.687	39.460	0.53%	-2.45%
2400	1.757	38.385				1.756	39.289	0.06%	-2.27%
2450	1.794	38.301				1.800	39.200	-0.33%	-2.29%
2480	1.817	38.258				1.833	39.162	-0.87%	-2.31%
2500	1.831	38.225				1.855	39.136	-1.29%	-2.33%
2510	1.839	38.209				1.866	39.123	-1.45%	-2.34%
2535	1.861	38.169				1.893	39.062	-1.90%	-2.29%
2550	1.880	38.125				1.909	39.073	-2.10%	-2.42%
2560	1.877	38.111				1.920	39.000	-2.24%	-2.43%
2600	1.907	38.052				1.964	39.009	-2.90%	-2.49%
2650	1.940	37.987				2.018	38.945	-3.62%	-2.54%
2680	1.970	37.915				2.051	38.907	-3.99%	-2.55%
2700	1.984	37.889				2.073	38.882	-4.29%	-2.56%
07/02/2025	2450 Head	21.0	2300	1.660	40.844	1.670	39.500	0.30%	3.41%
			2310	1.672	40.823	1.679	39.480	-0.42%	3.40%
			2320	1.681	40.805	1.687	39.460	-0.36%	3.41%
			2400	1.740	40.705	1.756	39.289	-0.91%	3.60%
			2450	1.792	40.640	1.800	39.200	-1.00%	3.70%
			2480	1.803	40.587	1.833	39.162	-1.64%	3.66%
			2500	1.810	40.548	1.855	39.136	-1.99%	3.60%
			2510	1.827	40.530	1.866	39.123	-2.09%	3.60%
			2535	1.850	40.505	1.893	39.062	-2.27%	3.61%
			2550	1.865	40.489	1.909	39.073	-2.47%	3.62%
			2560	1.870	40.473	1.920	39.000	-2.60%	3.62%
			2600	1.900	40.384	1.964	39.009	-3.26%	3.55%
			2650	1.944	40.336	2.018	38.945	-3.67%	3.57%
			2680	1.960	40.270	2.051	38.907	-4.19%	3.50%
			2700	1.981	40.229	2.073	38.882	-4.44%	3.46%
07/07/2025	2450 Head	21.8	2300	1.649	40.931	1.670	39.500	-1.26%	3.62%
			2310	1.662	40.900	1.679	39.480	-1.61%	3.60%
			2320	1.660	40.866	1.687	39.460	-1.60%	3.56%
			2400	1.724	40.791	1.756	39.289	-1.82%	3.62%
			2450	1.773	40.677	1.800	39.200	-1.56%	3.77%
			2480	1.790	40.671	1.833	39.162	-1.85%	3.88%
			2500	1.801	40.681	1.855	39.136	-2.91%	3.80%
			2510	1.804	40.645	1.866	39.123	-3.32%	3.89%
			2535	1.826	40.573	1.893	39.062	-3.54%	3.79%
			2550	1.840	40.532	1.909	39.073	-3.14%	3.73%
			2560	1.862	40.517	1.920	39.000	-4.02%	3.72%
			2600	1.883	40.426	1.964	39.009	-4.12%	3.84%
			2650	1.926	40.376	2.018	38.945	-4.67%	3.67%
			2680	1.960	40.340	2.051	38.907	-4.44%	3.68%
			2700	1.991	40.284	2.078	38.107	-4.35%	2.17%
06/30/2025	3600 Head	19.0	3300	2.637	38.911	2.789	38.100	-4.42%	2.13%
			3450	2.729	38.726	2.861	37.886	-4.61%	1.95%
			3600	2.770	38.630	2.913	37.629	-4.70%	1.88%
			3650	2.823	38.562	2.964	37.871	-4.76%	1.80%
			3660	2.833	38.531	2.974	37.860	-4.74%	1.77%
			3680	2.872	38.427	3.015	37.814	-4.74%	1.82%
			3690	2.922	38.363	3.066	37.757	-4.70%	1.58%
			3690	2.850	38.274	3.107	37.711	-4.76%	1.49%
			3700	2.971	38.269	3.117	37.700	-4.68%	1.51%
			3750	3.021	38.201	3.169	37.643	-4.67%	1.48%
			3900	3.172	37.830	3.323	37.471	-4.54%	1.22%
			3950	3.209	37.694	3.353	37.430	-4.29%	1.22%
			4100	3.386	37.683	3.528	37.243	-4.68%	0.91%
			4150	3.440	37.509	3.579	37.186	-3.88%	0.87%
			07/07/2025	3600 Head	19.0	3300	2.999	39.091	2.788
3350	2.948	39.000				2.738	38.100	-4.75%	3.95%
3400	2.953	39.000				2.974	37.860	-4.40%	3.72%
3600	2.793	39.311				2.913	37.629	-4.12%	3.64%
3650	2.842	39.268				2.964	37.871	-4.12%	3.50%
3660	2.853	39.200				2.974	37.860	-4.40%	3.54%
3680	2.893	39.161				3.015	37.814	-4.09%	3.54%
3690	2.941	39.118				3.066	37.757	-4.74%	3.44%
3690	2.984	38.999				3.107	37.711	-3.96%	3.34%
3700	2.992	38.960				3.117	37.700	-4.07%	3.34%
3750	3.044	38.864				3.169	37.643	-3.94%	3.24%
3900	3.188	38.808				3.323	37.471	-4.17%	3.20%
3950	3.234	38.626				3.353	37.430	-3.55%	3.22%
4100	3.419	38.550				3.528	37.243	-3.90%	2.70%

10.2 Test System Verification

Prior to SAR assessment, the system is verified to $\pm 10\%$ of the SAR measurement on the reference dipole at the time of calibration by the calibration facility. Full system validation status and result summary can be found in the SAR System Validation Appendix.

Table 10-4
System Verification Results

System Verification TARGET & MEASURED																					
SAR System	Tissue Frequency (MHz)	Tissue Type	Date	Amb. Temp. (°C)	Liquid Temp. (°C)	Input Power (W)	Source SN	Probe SN	DAE	Measured SAR 1g (W/kg)	1W Target SAR 1g (W/kg)	1W Normalized SAR 1g (W/kg)	Deviation 1g (%)	Measured SAR 10g (W/kg)	1W Target SAR 10g (W/kg)	1W Normalized SAR 10g (W/kg)	Deviation 10g (%)	Measured 4cm2 APD (W/m2)	1W Target 4cm2 APD (W/m2)	1W Normalized 4cm2 APD (W/m2)	Deviation 4cm2 APD (%)
C	750	HEAD	06/09/2025	22.6	23.5	0.20	1054	7713	1530	1.84	8.68	9.20	5.99%	1.23	5.61	6.15	9.63%	N/A	N/A	N/A	N/A
C	750	HEAD	06/11/2025	22.6	23.4	0.20	1054	7713	1530	1.66	8.68	8.30	-4.38%	1.09	5.61	5.45	-2.85%	N/A	N/A	N/A	N/A
J	750	HEAD	06/17/2025	24.1	21.8	0.20	1054	7406	1677	1.64	8.68	8.20	-5.53%	1.08	5.61	5.40	-3.74%	N/A	N/A	N/A	N/A
C	835	HEAD	06/09/2025	22.6	23.5	0.20	4d133	7713	1530	2.06	9.94	10.30	3.62%	1.35	6.49	6.75	4.01%	N/A	N/A	N/A	N/A
C	835	HEAD	06/11/2025	22.6	23.4	0.20	4d133	7713	1530	1.94	9.94	9.70	-2.41%	1.25	6.49	6.25	-3.70%	N/A	N/A	N/A	N/A
J	835	HEAD	06/15/2025	23.5	22.5	0.20	4d133	7406	1677	1.97	9.94	9.85	-0.91%	1.28	6.49	6.40	-1.39%	N/A	N/A	N/A	N/A
J	835	HEAD	06/17/2025	24.1	21.8	0.20	4d133	7406	1677	2.08	9.94	10.40	4.63%	1.35	6.49	6.75	4.01%	N/A	N/A	N/A	N/A
H	1750	HEAD	06/15/2025	23.2	22.0	0.10	1150	7417	665	3.61	36.40	36.10	-0.82%	1.95	19.40	19.50	0.52%	N/A	N/A	N/A	N/A
L	1750	HEAD	06/15/2025	21.1	20.3	0.10	1150	7659	1272	3.79	36.40	37.90	4.12%	2.02	19.40	20.20	4.12%	N/A	N/A	N/A	N/A
L	1750	HEAD	06/17/2025	20.7	20.3	0.10	1148	7659	1272	3.81	36.90	38.10	3.25%	2.02	19.60	20.20	3.06%	N/A	N/A	N/A	N/A
L	1750	HEAD	06/24/2025	20.8	20.4	0.10	1148	7659	1272	3.95	36.90	39.50	7.05%	2.10	19.60	21.00	7.14%	N/A	N/A	N/A	N/A
L	1900	HEAD	06/11/2025	21.6	21.7	0.10	5d148	7659	1272	4.15	39.60	41.50	4.80%	2.19	20.90	21.90	4.78%	N/A	N/A	N/A	N/A
L	1900	HEAD	06/17/2025	20.7	20.3	0.10	5d080	7659	1272	4.33	39.60	43.30	9.34%	2.24	20.70	22.40	8.21%	N/A	N/A	N/A	N/A
L	1900	HEAD	06/24/2025	20.8	20.4	0.10	5d080	7659	1272	4.08	39.60	40.80	3.03%	2.11	20.70	21.10	1.93%	N/A	N/A	N/A	N/A
L	1900	HEAD	06/27/2025	21.3	20.0	0.10	5d080	7659	1272	4.31	39.60	43.10	8.84%	2.23	20.70	22.30	7.73%	N/A	N/A	N/A	N/A
N	2450	HEAD	06/18/2025	19.7	20.0	0.10	797	7410	1213	5.55	52.00	55.50	6.73%	2.58	24.40	25.80	5.74%	N/A	N/A	N/A	N/A
H	2450	HEAD	06/19/2025	20.3	20.3	0.10	719	7417	665	5.38	52.20	53.80	3.07%	2.50	24.60	25.00	1.63%	N/A	N/A	N/A	N/A
N	2450	HEAD	06/25/2025	20.7	19.9	0.10	981	7410	1213	4.96	51.80	49.60	-4.25%	2.30	24.30	23.00	-5.35%	N/A	N/A	N/A	N/A
N	2450	HEAD	07/01/2025	21.3	20.6	0.10	981	7410	1213	5.36	51.80	53.60	3.47%	2.50	24.30	25.00	2.88%	N/A	N/A	N/A	N/A
C	2450	HEAD	07/02/2025	24.0	22.5	0.10	981	7713	1530	4.82	51.80	48.20	-6.95%	2.27	24.30	22.70	-6.58%	N/A	N/A	N/A	N/A
N	2450	HEAD	07/07/2025	23.9	21.3	0.10	981	7410	1213	5.33	51.80	53.30	2.90%	2.48	24.30	24.80	2.06%	N/A	N/A	N/A	N/A
H	2600	HEAD	06/19/2025	20.3	20.3	0.10	1071	7417	665	5.17	56.50	51.70	-8.50%	2.36	25.40	23.60	-7.09%	N/A	N/A	N/A	N/A
C	2600	HEAD	06/25/2025	21.6	21.1	0.10	1004	7713	1530	5.37	56.30	53.70	-4.62%	2.46	25.20	24.60	-2.38%	N/A	N/A	N/A	N/A
C	2600	HEAD	07/02/2025	24.0	22.5	0.10	1004	7713	1530	5.22	56.30	52.20	-7.28%	2.40	25.20	24.00	-4.76%	N/A	N/A	N/A	N/A
E	3500	HEAD	06/30/2025	21.6	20.0	0.10	1097	7660	1678	6.74	65.40	67.40	3.06%	2.60	24.70	26.00	5.26%	N/A	N/A	N/A	N/A
E	3500	HEAD	07/07/2025	22.3	20.5	0.10	1097	7660	1678	6.78	65.40	67.80	3.67%	2.64	24.70	26.40	6.88%	N/A	N/A	N/A	N/A
E	3700	HEAD	06/30/2025	21.6	20.0	0.10	1067	7660	1678	6.73	66.90	67.30	0.60%	2.52	24.30	25.20	3.70%	N/A	N/A	N/A	N/A
E	3700	HEAD	07/07/2025	22.3	20.5	0.10	1067	7660	1678	6.67	66.90	66.70	-0.30%	2.52	24.30	25.20	3.70%	N/A	N/A	N/A	N/A
E	3900	HEAD	06/30/2025	21.6	20.0	0.10	1056	7660	1678	7.26	68.20	72.60	6.45%	2.58	23.80	25.80	8.40%	N/A	N/A	N/A	N/A
E	3900	HEAD	07/07/2025	22.3	20.5	0.10	1056	7660	1678	7.24	68.20	72.40	6.16%	2.58	23.80	25.80	8.40%	N/A	N/A	N/A	N/A
S	5250	HEAD	06/15/2025	22.0	22.0	0.05	1057	7803	1583	3.68	79.40	73.60	-7.30%	1.10	22.70	22.00	-3.08%	N/A	N/A	N/A	N/A
S	5250	HEAD	07/01/2025	21.0	20.9	0.05	1057	7803	1583	3.74	79.40	74.80	-5.79%	1.08	22.70	21.60	-4.85%	N/A	N/A	N/A	N/A
S	5600	HEAD	06/15/2025	22.0	22.0	0.05	1057	7803	1583	3.93	82.80	78.60	-5.07%	1.17	23.60	23.40	-0.85%	N/A	N/A	N/A	N/A
S	5600	HEAD	07/01/2025	21.0	20.9	0.05	1057	7803	1583	4.04	82.80	80.80	-2.42%	1.16	23.60	23.20	-1.69%	N/A	N/A	N/A	N/A
S	5750	HEAD	06/15/2025	22.0	22.0	0.05	1057	7803	1583	3.91	79.80	78.20	-2.01%	1.16	22.70	23.20	2.20%	N/A	N/A	N/A	N/A
S	5750	HEAD	07/01/2025	21.0	20.9	0.05	1057	7803	1583	3.77	79.80	75.40	-5.51%	1.08	22.70	21.60	-4.85%	N/A	N/A	N/A	N/A
S	5850	HEAD	06/15/2025	22.0	22.0	0.05	1057	7803	1583	3.95	81.50	79.00	-3.07%	1.16	23.00	23.20	0.87%	N/A	N/A	N/A	N/A
S	5850	HEAD	07/01/2025	21.0	20.9	0.05	1057	7803	1583	3.99	81.50	79.80	-2.09%	1.13	23.00	22.60	-1.74%	N/A	N/A	N/A	N/A
R	6500	HEAD	06/15/2025	22.0	21.9	0.03	1018	7570	1638	7.56	292.00	302.40	3.56%	1.39	53.90	55.60	3.15%	33.60	1310.00	1344.00	2.60%
R	6500	HEAD	06/22/2025	21.1	19.9	0.03	1018	7570	1638	7.40	292.00	296.00	1.37%	1.36	53.90	54.40	0.93%	32.90	1310.00	1316.00	0.46%

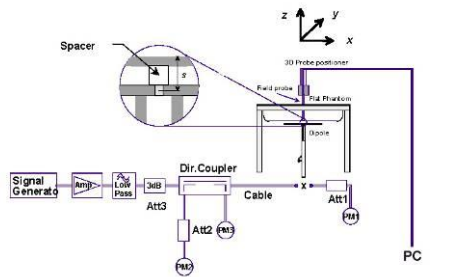


Figure 10-1
System Verification Setup Diagram



Figure 10-2
System Verification Setup Photo

FCC ID: A3LSMX736B	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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10.3 Power Density Test System Verification

The system was verified to be within ± 0.66 dB of the power density targets on the calibration certificate according to the test system specification in the user's manual and calibration facility recommendation. The 0.66 dB deviation threshold represents the expanded uncertainty for system performance checks using SPEAG's mmWave verification sources. The same spatial resolution and measurement region used in the source calibration was applied during the system check.

The measured power density distribution of verification source was also confirmed through visual inspection to have no noticeable differences, both spatially (shape) and numerically (level) from the distribution provided by the manufacturer, per November 2017 TCBC Workshop Notes.

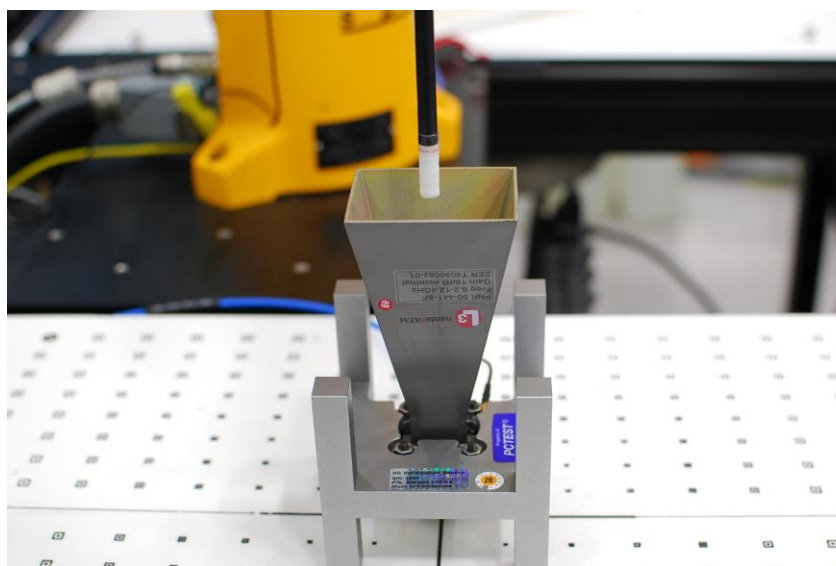


Figure 10-3
System Verification Setup Photo

Table 10-5
10 GHz Verifications

System Verification											
System	Frequency (GHz)	Date	Source S/N	Probe S/N	Prad (mW)	Normal psPD (W/m ² over 4 cm ²)		Deviation (dB)	Total psPD (W/m ² over 4 cm ²)		Deviation (dB)
						Measured	Target		Measured	Target	
Q	10	06/14/2025	1002	9389	93.3	49.40	53.80	-0.37	50.00	54.00	-0.33
Q	10	06/30/2025	1002	9389	93.3	48.90	53.80	-0.41	49.10	54.00	-0.41

Note: A **10 mm distance spacing** was used from the reference horn antenna aperture to the probe element.

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11 SAR DATA SUMMARY

11.1 GSM 850 Standalone SAR

Table 11-1
GSM 850 Tablet ECI=0 | Plot A1

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	GPRS 850	GPRS 4 Tx Slots	M1	1049M	1:2.076	0.02	824.20	128	29.5	27.92	Back	19	N/A	0.269	1.439	0.387	0.242		30.4
Body	GPRS 850	GPRS 4 Tx Slots	M1	1049M	1:2.076	0.00	824.20	128	29.5	27.92	Top	19	N/A	0.488	1.439	0.702	0.439	Plot	27.8
Body	GPRS 850	GPRS 4 Tx Slots	M1	1049M	1:2.076	-0.03	824.20	128	29.5	27.92	Top	19	Keyboard	0.488	1.439	0.702	0.439		27.8
Body	GPRS 850	GPRS 4 Tx Slots	M1	1049M	1:2.076	0.05	824.20	128	29.5	27.92	Bottom	0	N/A	0.082	1.439	0.118	0.074		35.6
Body	GPRS 850	GPRS 4 Tx Slots	M1	1049M	1:2.076	0.06	824.20	128	29.5	27.92	Right	0	N/A	0.154	1.439	0.222	0.139		32.8
Body	GPRS 850	GPRS 4 Tx Slots	M1	1049M	1:2.076	0.00	824.20	128	29.5	27.92	Left	0	N/A	0.369	1.439	0.531	0.332		29.0
ANSI/IEEE C95.1.1992 - SAFETY LIMIT										Body									
Spatial Peak										1.6 W/kg (mW/g)									
Uncontrolled Exposure/General Population										averaged over 1 gram									

Table 11-2
GSM 850 Tablet ECI=2

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	GPRS 850	GPRS 4 Tx Slots	M1	0971M	1:2.076	0.01	848.80	251	17.0	15.71	Back	0	0.152	1.346	0.205	0.128		20.7
Body	GPRS 850	GPRS 4 Tx Slots	M1	0971M	1:2.076	-0.01	848.80	251	17.0	15.71	Top	0	0.380	1.346	0.511	0.319		16.7
ANSI/IEEE C95.1.1992 - SAFETY LIMIT												Body						
Spatial Peak												1.6 W/kg (mW/g)						
Uncontrolled Exposure/General Population												averaged over 1 gram						

Table 11-3
GSM 850 Laptop ECI=0 | Plot A2

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	GPRS 850	GPRS 4 Tx Slots	M1	1049M	1:2.076	-0.17	824.20	128	29.5	27.92	Bottom	0	0.098	1.439	0.141	0.088	Plot	34.8
ANSI/IEEE C95.1.1992 - SAFETY LIMIT											Body							
Spatial Peak											1.6 W/kg (mW/g)							
Uncontrolled Exposure/General Population											averaged over 1 gram							

11.2 GSM 1900 Standalone SAR

Table 11-4
GSM 1900 Tablet ECI=0

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	GPRS 1900	GPRS 4 Tx Slots	M1	1000M	1:2.076	0.05	1850.20	512	26.5	25.38	Back	19	0.153	1.294	0.198	0.124		30.3
Body	GPRS 1900	GPRS 4 Tx Slots	M1	1000M	1:2.076	0.04	1850.20	512	26.5	25.38	Top	19	0.270	1.294	0.349	0.218		27.8
Body	GPRS 1900	GPRS 4 Tx Slots	M1	1000M	1:2.076	-0.01	1850.20	512	26.5	25.38	Bottom	0	0.032	1.294	0.041	0.026		37.1
Body	GPRS 1900	GPRS 4 Tx Slots	M1	1000M	1:2.076	-0.03	1850.20	512	26.5	25.38	Right	11	0.096	1.294	0.124	0.078		32.3
Body	GPRS 1900	GPRS 4 Tx Slots	M1	1000M	1:2.076	0.11	1850.20	512	26.5	25.38	Left	0	0.187	1.294	0.242	0.151		29.4
ANSI/IEEE C95.1.1992 - SAFETY LIMIT												Body						
Spatial Peak												1.6 W/kg (mW/g)						
Uncontrolled Exposure/General Population												averaged over 1 gram						

Table 11-5
GSM 1900 Tablet ECI=2 (ECI=3 for Right Edge) | Plot A3

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	GPRS 1900	GPRS 4 Tx Slots	M1	0971M	1:2.076	-0.06	1850.20	512	16.0	14.59	Back	0	N/A	0.236	1.384	0.327	0.204		17.6
Body	GPRS 1900	GPRS 4 Tx Slots	M1	0971M	1:2.076	-0.02	1850.20	512	16.0	14.59	Top	0	N/A	0.415	1.384	0.574	0.359	Plot	15.2
Body	GPRS 1900	GPRS 4 Tx Slots	M1	0971M	1:2.076	-0.02	1850.20	512	16.0	14.59	Top	0	Keyboard	0.305	1.384	0.422	0.264		16.5
Body	GPRS 1900	GPRS 4 Tx Slots	M1	0971M	1:2.076	-0.04	1850.20	512	22.5	20.82	Right	0	N/A	0.262	1.472	0.386	0.241		23.4
ANSI/IEEE C95.1.1992 - SAFETY LIMIT										Body									
Spatial Peak										1.6 W/kg (mW/g)									
Uncontrolled Exposure/General Population										averaged over 1 gram									

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Table 11-6
GSM 1900 Laptop ECI=0 | Plot A4

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	GPRS 1900	GPRS 4 Tx Slots	M1	0971M	1:2.076	-0.14	1850.20	512	26.5	25.38	Bottom	0	0.067	1.294	0.087	0.054	Plot	33.9
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population												Body 1.6 W/kg (mW/g) averaged over 1 gram						

11.3 UMTS 850 Standalone SAR

Table 11-7
UMTS 850 Tablet ECI=0

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]	Overall Plimit [dBm]
Body	UMTS 850	RMC	M1	1049M	1:1	0.00	826.40	4132	25.0	23.58	Back	19	0.360	1.387	0.499	0.312		28.0	26.4
Body	UMTS 850	RMC	M1	1049M	1:1	-0.03	826.40	4132	25.0	23.58	Top	19	0.515	1.387	0.714	0.446		26.4	
Body	UMTS 850	RMC	M1	1049M	1:1	0.13	826.40	4132	25.0	23.58	Bottom	0	0.065	1.387	0.090	0.056		35.4	
Body	UMTS 850	RMC	M1	1049M	1:1	0.01	826.40	4132	25.0	23.58	Right	0	0.190	1.387	0.264	0.165		30.7	
Body	UMTS 850	RMC	M1	0971M	1:1	0.00	826.40	4132	25.0	23.58	Left	0	0.449	1.387	0.623	0.389		27.0	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population												Body 1.6 W/kg (mW/g) averaged over 1 gram							

Table 11-8
UMTS 850 Tablet ECI=2 | Plot A5

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]	Overall Plimit [dBm]	
Body	UMTS 850	RMC	M1	1049M	1:1	-0.01	826.40	4132	14.0	13.09	Back	0	N/A	0.359	1.233	0.443	0.277		17.5	15.2	
Body	UMTS 850	RMC	M1	1049M	1:1	-0.01	826.40	4132	14.0	13.09	Top	0	N/A	0.604	1.233	0.745	0.466	Plot	15.2		
Body	UMTS 850	RMC	M1	1049M	1:1	0.00	826.40	4132	14.0	13.09	Top	0	Keyboard	0.524	1.233	0.646	0.404		15.8		
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																		Body 1.6 W/kg (mW/g) averaged over 1 gram			

Table 11-9
UMTS 850 Laptop ECI=0 | Plot A6

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	UMTS 850	RMC	M1	1049M	1:1	-0.10	826.40	4132	25.0	23.38	Bottom	0	0.080	1.452	0.116	0.073	Plot	34.3
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population												Body 1.6 W/kg (mW/g) averaged over 1 gram						

11.4 UMTS 1750 Standalone SAR

Table 11-10
UMTS 1750 Tablet ECI=0

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	UMTS 1750	RMC	M1	0971M	1:1	0.00	1752.60	1513	25.0	23.69	Back	19	0.712	1.352	0.287	0.179		30.4
Body	UMTS 1750	RMC	M1	0971M	1:1	0.00	1752.60	1513	25.0	23.69	Top	19	0.389	1.352	0.526	0.329		27.7
Body	UMTS 1750	RMC	M1	0971M	1:1	0.12	1752.60	1513	25.0	23.69	Bottom	0	0.015	1.352	0.020	0.013		41.9
Body	UMTS 1750	RMC	M1	0971M	1:1	0.05	1752.60	1513	25.0	23.69	Right	11	0.116	1.352	0.157	0.098		33.0
Body	UMTS 1750	RMC	M1	0971M	1:1	-0.03	1752.60	1513	25.0	23.69	Left	0	0.264	1.352	0.357	0.223		29.4
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population												Body 1.6 W/kg (mW/g) averaged over 1 gram						

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Table 11-11
UMTS 1750 Tablet ECI=2 (ECI=3 for Right Edge) | Plot A7

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	UMTS 1750	RMC	M1	0971M	1:1	-0.02	1752.60	1513	13.5	12.80	Back	0	N/A	0.356	1.175	0.418	0.261		17.2
Body	UMTS 1750	RMC	M1	0971M	1:1	-0.01	1752.60	1513	13.5	12.80	Top	0	N/A	0.509	1.175	0.591	0.369	Plot	15.7
Body	UMTS 1750	RMC	M1	0971M	1:1	-0.01	1752.60	1513	13.5	12.80	Top	0	Keyboard	0.385	1.175	0.452	0.283		16.9
Body	UMTS 1750	RMC	M1	0971M	1:1	0.02	1752.60	1513	20.0	19.01	Right	0	N/A	0.320	1.256	0.402	0.251		23.9
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population														Body 1.6 W/kg (mW/g) averaged over 1 gram					

Table 11-12
UMTS 1750 Laptop ECI=0 | Plot A8

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	UMTS 1750	RMC	M1	0971M	1:1	-0.13	1752.60	1513	25.0	23.69	Bottom	0	0.088	1.352	0.119	0.074	Plot	34.2
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population												Body 1.6 W/kg (mW/g) averaged over 1 gram						

11.5 UMTS 1900 Standalone SAR

Table 11-13
UMTS 1900 Tablet ECI=0

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]	
Body	UMTS 1900	RMC	M1	0971M	1:1	-0.01	1907.60	9538	25.0	23.81	Back	19	0.197	1.315	0.259	0.162		30.8	
Body	UMTS 1900	RMC	M1	0971M	1:1	-0.01	1907.60	9538	25.0	23.81	Top	19	0.353	1.315	0.464	0.290		28.3	
Body	UMTS 1900	RMC	M1	0971M	1:1	0.04	1907.60	9538	25.0	23.81	Bottom	0	0.010	1.315	0.013	0.008		43.8	
Body	UMTS 1900	RMC	M1	0971M	1:1	-0.01	1907.60	9538	25.0	23.81	Right	11	0.120	1.315	0.158	0.099		33.0	
Body	UMTS 1900	RMC	M1	0971M	1:1	-0.03	1907.60	9538	25.0	23.81	Left	0	0.301	1.315	0.396	0.248		29.0	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population												Body 1.6 W/kg (mW/g) averaged over 1 gram							

Table 11-14
UMTS 1900 Tablet ECI=2 (ECI=3 for Right Edge) | Plot A9

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	UMTS 1900	RMC	M1	0971M	1:1	0.02	1907.60	9538	13.0	12.01	Back	0	N/A	0.192	1.256	0.241	0.151		19.1
Body	UMTS 1900	RMC	M1	0971M	1:1	-0.05	1907.60	9538	13.0	12.01	Top	0	N/A	0.509	1.256	0.639	0.399	Plot	14.9
Body	UMTS 1900	RMC	M1	0971M	1:1	-0.01	1907.60	9538	13.0	12.01	Top	0	Keyboard	0.348	1.256	0.437	0.273		16.5
Body	UMTS 1900	RMC	M1	0971M	1:1	0.02	1852.40	9262	20.0	19.29	Right	0	N/A	0.310	1.178	0.365	0.228		24.3
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population														Body 1.6 W/kg (mW/g) averaged over 1 gram					

Table 11-15
UMTS 1900 Laptop ECI=0 | Plot A10

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	UMTS 1900	RMC	M1	0971M	1:1	0.08	1907.60	9538	25.0	23.81	Bottom	0	0.089	1.315	0.117	0.073	Plot	34.3
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population												Body 1.6 W/kg (mW/g) averaged over 1 gram						

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11.6 LTE Band 12 Standalone SAR

Table 11-16
LTE Band 12 Tablet ECI=0

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	LTE Band 12	10	QPSK	M1	18887	1:1	-0.05	707.50	23095	0.0	25.0	24.24	1	25	Back	19	0.327	1.191	0.389	0.243		29.0
Body	LTE Band 12	10	QPSK	M1	18887	1:1	0.00	707.50	23095	1.0	24.0	23.20	25	0	Back	19	0.295	1.202	0.307	0.192		29.1
Body	LTE Band 12	10	QPSK	M1	26849	1:1	0.00	707.50	23095	0.0	25.0	24.34	1	25	Top	19	0.356	1.191	0.424	0.265		28.7
Body	LTE Band 12	10	QPSK	M1	26849	1:1	-0.26	707.50	23095	1.0	24.0	23.20	25	0	Top	19	0.286	1.202	0.344	0.215		28.6
Body	LTE Band 12	10	QPSK	M1	26849	1:1	0.08	707.50	23095	0.0	25.0	24.24	1	25	Bottom	0	0.053	1.191	0.063	0.039		36.9
Body	LTE Band 12	10	QPSK	M1	26849	1:1	0.17	707.50	23095	1.0	24.0	23.20	25	0	Bottom	0	0.048	1.202	0.058	0.036		36.3
Body	LTE Band 12	10	QPSK	M1	26849	1:1	-0.04	707.50	23095	0.0	25.0	24.24	1	25	Right	0	0.216	1.191	0.257	0.161		30.8
Body	LTE Band 12	10	QPSK	M1	26849	1:1	0.06	707.50	23095	1.0	24.0	23.20	25	0	Right	0	0.176	1.202	0.212	0.133		30.7
Body	LTE Band 12	10	QPSK	M1	1049M	1:1	0.03	707.50	23095	0.0	25.0	24.24	1	25	Left	0	0.201	1.191	0.239	0.149		31.2
Body	LTE Band 12	10	QPSK	M1	1049M	1:1	-0.09	707.50	23095	1.0	24.0	23.20	25	0	Left	0	0.174	1.202	0.209	0.131		30.7
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																	Body 1.6 W/kg (mW/g) averaged over 1 gram					

Table 11-17
LTE Band 12 Tablet ECI=2 | Plot A11

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	LTE Band 12	10	QPSK	M1	1049M	1:1	-0.05	707.50	23095	0.0	16.0	15.19	1	0	Back	0	N/A	0.413	1.205	0.498	0.311		19.0
Body	LTE Band 12	10	QPSK	M1	1049M	1:1	0.03	707.50	23095	0.0	16.0	15.14	25	0	Back	0	N/A	0.420	1.219	0.512	0.320		18.9
Body	LTE Band 12	10	QPSK	M1	1049M	1:1	0.00	707.50	23095	0.0	16.0	15.19	1	0	Top	0	N/A	0.468	1.205	0.684	0.438	Plot	17.6
Body	LTE Band 12	10	QPSK	M1	1049M	1:1	0.00	707.50	23095	0.0	16.0	15.19	1	0	Top	0	Keyboard	0.484	1.205	0.583	0.364		18.3
Body	LTE Band 12	10	QPSK	M1	1049M	1:1	0.01	707.50	23095	0.0	16.0	15.14	25	0	Top	0	N/A	0.557	1.219	0.679	0.424		17.6
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																	Body 1.6 W/kg (mW/g) averaged over 1 gram						

Table 11-18
LTE Band 12 Laptop ECI=0 | Plot A12

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	LTE Band 12	10	QPSK	M1	1049M	1:1	0.14	707.50	23095	0.0	25.0	24.24	1	25	Bottom	0	0.111	1.191	0.132	0.083	Plot	33.7
Body	LTE Band 12	10	QPSK	M1	1049M	1:1	-0.05	707.50	23095	1.0	24.0	23.20	25	0	Bottom	0	0.088	1.202	0.106	0.066		33.7
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																	Body 1.6 W/kg (mW/g) averaged over 1 gram					

11.7 LTE Band 13 Standalone SAR

Table 11-19
LTE Band 13 Tablet ECI=0

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	LTE Band 13	10	QPSK	M1	18887	1:1	-0.02	782.00	23230	0.0	25.0	23.80	1	25	Back	19	0.393	1.118	0.518	0.324		27.8
Body	LTE Band 13	10	QPSK	M1	18887	1:1	-0.01	782.00	23230	1.0	24.0	22.79	25	12	Back	19	0.303	1.321	0.400	0.250		27.9
Body	LTE Band 13	10	QPSK	M1	26849	1:1	0.00	782.00	23230	0.0	25.0	23.80	1	25	Top	19	0.462	1.118	0.609	0.381		27.1
Body	LTE Band 13	10	QPSK	M1	26849	1:1	0.01	782.00	23230	1.0	24.0	22.79	25	12	Top	19	0.363	1.321	0.477	0.298		27.2
Body	LTE Band 13	10	QPSK	M1	26849	1:1	0.01	782.00	23230	0.0	25.0	23.80	1	25	Bottom	0	0.079	1.118	0.104	0.065		34.8
Body	LTE Band 13	10	QPSK	M1	26849	1:1	0.02	782.00	23230	1.0	24.0	22.79	25	12	Bottom	0	0.051	1.321	0.067	0.042		35.7
Body	LTE Band 13	10	QPSK	M1	26849	1:1	-0.02	782.00	23230	0.0	25.0	23.80	1	25	Right	0	0.590	1.218	0.750	0.156		31.0
Body	LTE Band 13	10	QPSK	M1	26849	1:1	-0.08	782.00	23230	1.0	24.0	22.79	25	12	Right	0	0.155	1.321	0.205	0.128		30.8
Body	LTE Band 13	10	QPSK	M1	1049M	1:1	0.05	782.00	23230	0.0	25.0	23.80	1	25	Left	0	0.204	1.118	0.269	0.168		30.7
Body	LTE Band 13	10	QPSK	M1	1049M	1:1	0.05	782.00	23230	1.0	24.0	22.79	25	12	Left	0	0.163	1.321	0.215	0.134		30.6
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																	Body 1.6 W/kg (mW/g) averaged over 1 gram					

Table 11-20
LTE Band 13 Tablet ECI=2 | Plot A13

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	LTE Band 13	10	QPSK	M1	1049M	1:1	0.01	782.00	23230	0.0	17.0	16.43	1	0	Back	0	N/A	0.557	1.140	0.635	0.397		18.9
Body	LTE Band 13	10	QPSK	M1	1049M	1:1	0.02	782.00	23230	0.0	17.0	16.38	25	0	Back	0	N/A	0.549	1.153	0.633	0.396		18.9
Body	LTE Band 13	10	QPSK	M1	1049M	1:1	-0.01	782.00	23230	0.0	17.0	16.43	1	0	Top	0	Keyboard	0.619	1.140	0.706	0.441		18.5
Body	LTE Band 13	10	QPSK	M1	1049M	1:1	0.02	782.00	23230	0.0	17.0	16.43	1	0	Top	0	N/A	0.651	1.140	0.742	0.464	Plot	18.2
Body	LTE Band 13	10	QPSK	M1	1049M	1:1	0.01	782.00	23230	0.0	17.0	16.38	25	0	Top	0	N/A	0.590	1.153	0.680	0.425		18.6
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																	Body 1.6 W/kg (mW/g) averaged over 1 gram						

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Table 11-21
LTE Band 13 Laptop ECI=0 | Plot A14

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	LTE Band 13	10	QPSK	M1	1049M	1:1	0.03	782.00	23230	0.0	25.0	23.80	1	25	Bottom	0	0.092	1.318	0.121	0.076	Plot	34.1
Body	LTE Band 13	10	QPSK	M1	1049M	1:1	0.04	782.00	23230	1.0	24.0	22.79	25	12	Bottom	0	0.076	1.321	0.300	0.063		33.9
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																	Body 1.6 W/kg (mW/g) averaged over 1 gram					

11.8 LTE Band 26 (Cell) Standalone SAR

Table 11-22
LTE Band 26 Tablet ECI=0 | Plot A15

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	-0.01	831.50	26865	0.0	25.0	23.73	1	0	Back	19	N/A	0.362	1.340	0.485	0.303		28.1
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	0.02	831.50	26865	1.0	24.0	22.67	36	0	Back	19	N/A	0.288	1.358	0.393	0.244		28.0
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	0.01	831.50	26865	0.0	25.0	23.73	1	0	Top	19	N/A	0.526	1.340	0.705	0.441	Plot	26.5
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	0.00	831.50	26865	0.0	25.0	23.73	1	0	Top	19	Keyboard	0.518	1.340	0.684	0.434		26.5
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	-0.01	831.50	26865	1.0	24.0	22.67	36	0	Top	19	N/A	0.430	1.358	0.584	0.365		26.3
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	-0.09	831.50	26865	0.0	25.0	23.73	1	0	Bottom	0	N/A	0.081	1.340	0.109	0.068		34.6
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	-0.19	831.50	26865	1.0	24.0	22.67	36	0	Bottom	0	N/A	0.071	1.358	0.096	0.060		34.1
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	0.04	831.50	26865	0.0	25.0	23.73	1	0	Right	0	N/A	0.201	1.340	0.269	0.168		30.6
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	-0.01	831.50	26865	1.0	24.0	22.67	36	0	Right	0	N/A	0.155	1.358	0.210	0.131		30.7
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	-0.10	831.50	26865	0.0	25.0	23.73	1	0	Left	0	N/A	0.138	1.340	0.210	0.139		29.9
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	-0.02	831.50	26865	1.0	24.0	22.67	36	0	Left	0	N/A	0.203	1.358	0.276	0.173		29.5
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																	Body 1.6 W/kg (mW/g) averaged over 1 gram						

Table 11-23
LTE Band 26 Tablet ECI=2

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	0.05	831.50	26865	0.0	14.0	13.74	1	0	Back	0	0.269	1.062	0.286	0.179		19.4
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	0.06	831.50	26865	0.0	14.0	13.63	36	0	Back	0	0.173	1.089	0.297	0.186		19.2
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	0.00	831.50	26865	0.0	14.0	13.74	1	0	Top	0	0.487	1.062	0.517	0.323		16.8
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	-0.01	831.50	26865	0.0	14.0	13.63	36	0	Top	0	0.487	1.089	0.530	0.331		16.7
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																	Body 1.6 W/kg (mW/g) averaged over 1 gram					

Table 11-24
LTE Band 26 Laptop ECI=0 | Plot A16

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	0.00	831.50	26865	0.0	25.0	23.73	1	0	Bottom	0	0.086	1.340	0.115	0.072	Plot	34.3
Body	LTE Band 26	15	QPSK	M1	1049M	1:1	-0.01	831.50	26865	1.0	24.0	22.67	36	0	Bottom	0	0.077	1.358	0.105	0.066		33.8
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																	Body 1.6 W/kg (mW/g) averaged over 1 gram					

11.9 LTE Band 66 (AWS) Standalone SAR

Table 11-25
LTE Band 66 Ant M1 Tablet ECI=0

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	LTE Band 66	20	QPSK	M1	26930	1:1	0.00	1770.00	132572	0.0	25.0	24.07	1	99	Back	19	0.284	1.239	0.352	0.220		28.5
Body	LTE Band 66	20	QPSK	M1	26930	1:1	-0.01	1770.00	132572	1.0	24.0	22.99	50	50	Back	19	0.244	1.262	0.308	0.193		29.1
Body	LTE Band 66	20	QPSK	M1	26930	1:1	0.00	1770.00	132572	0.0	25.0	24.07	1	99	Top	19	0.467	1.239	0.579	0.362		27.3
Body	LTE Band 66	20	QPSK	M1	26930	1:1	-0.02	1770.00	132572	1.0	24.0	22.99	50	50	Top	19	0.372	1.262	0.469	0.293		27.2
Body	LTE Band 66	20	QPSK	M1	26930	1:1	0.05	1770.00	132572	0.0	25.0	24.07	1	99	Bottom	0	0.015	1.239	0.024	0.015		41.2
Body	LTE Band 66	20	QPSK	M1	26930	1:1	0.07	1770.00	132572	1.0	24.0	22.99	50	50	Bottom	0	0.015	1.262	0.019	0.012		41.2
Body	LTE Band 66	20	QPSK	M1	26930	1:1	-0.01	1770.00	132572	0.0	25.0	24.07	1	99	Right	11	0.137	1.239	0.170	0.106		32.7
Body	LTE Band 66	20	QPSK	M1	26930	1:1	-0.03	1770.00	132572	1.0	24.0	22.99	50	50	Right	11	0.114	1.262	0.144	0.090		32.4
Body	LTE Band 66	20	QPSK	M1	26930	1:1	0.00	1770.00	132572	0.0	25.0	24.07	1	99	Left	0	0.208	1.239	0.258	0.161		30.9
Body	LTE Band 66	20	QPSK	M1	26930	1:1	-0.02	1770.00	132572	1.0	24.0	22.99	50	50	Left	0	0.182	1.262	0.230	0.144		30.3
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																	Body 1.6 W/kg (mW/g) averaged over 1 gram					

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Table 11-26
LTE Band 66 Ant M1 Tablet ECI=2 (ECI=3 for Right Edge)

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]			
Body	LTE Band 66	20	QPSK	M1	0980M	1:1	-0.11	1770.00	132572	0.0	14.0	13.05	1	99	Back	0	N/A	0.221	1.345	0.275	0.172		18.6			
Body	LTE Band 66	20	QPSK	M1	0980M	1:1	-0.04	1770.00	132572	0.0	14.0	13.03	50	50	Back	0	N/A	0.219	1.250	0.274	0.171		19.5			
Body	LTE Band 66	20	QPSK	M1	0980M	1:1	-0.01	1770.00	132572	0.0	14.0	13.05	1	99	Top	0	N/A	0.507	1.245	0.631	0.394		15.9			
Body	LTE Band 66	20	QPSK	M1	0971M	1:1	-0.05	1770.00	132572	0.0	14.0	13.05	1	99	Top	0	Keyboard	0.352	1.245	0.438	0.274		17.5			
Body	LTE Band 66	20	QPSK	M1	0980M	1:1	-0.12	1770.00	132572	0.0	14.0	13.09	50	50	Top	0	N/A	0.500	1.250	0.625	0.391		16.0			
Body	LTE Band 66	20	QPSK	M1	0971M	1:1	0.00	1770.00	132572	0.0	19.0	18.45	1	99	Right	0	N/A	0.275	1.185	0.312	0.195		24.0			
Body	LTE Band 66	20	QPSK	M1	0971M	1:1	0.00	1770.00	132572	0.0	19.0	18.35	50	50	Right	0	N/A	0.270	1.181	0.313	0.196		24.0			
ANSI/IEEE C95.1 1992 - SAFETY LIMIT																	Body									
Spatial Peak																		1.6 W/kg (mW/g)								
Uncontrolled Exposure/General Population																		averaged over 1 gram								

Table 11-27
LTE Band 66 Ant S3 Tablet ECI=1/2/3/4/5 | Plot A17

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]			
Body	LTE Band 66	20	QPSK	S3	1028M	1:1	-0.03	1770.00	132572	0.0	12.5	11.96	1	99	Back	0	N/A	0.569	1.132	0.644	0.403	Plot	14.4			
Body	LTE Band 66	20	QPSK	S3	0980M	1:1	-0.02	1770.00	132572	0.0	12.5	11.96	1	99	Back	0	Keyboard	0.001	1.132	0.103	0.064		22.3			
Body	LTE Band 66	20	QPSK	S3	1028M	1:1	-0.02	1770.00	132572	0.0	12.5	11.93	50	50	Back	0	N/A	0.558	1.140	0.636	0.398		14.4			
Body	LTE Band 66	20	QPSK	S3	1028M	1:1	0.07	1770.00	132572	0.0	12.5	11.96	1	99	Top	0	N/A	0.001	1.132	0.001	0.001		41.9			
Body	LTE Band 66	20	QPSK	S3	1028M	1:1	0.02	1770.00	132572	0.0	12.5	11.93	50	50	Top	0	N/A	0.000	1.140	0.000	0.000		51.9			
Body	LTE Band 66	20	QPSK	S3	1028M	1:1	0.01	1770.00	132572	0.0	12.5	11.96	1	99	Bottom	0	N/A	0.398	1.132	0.451	0.282		15.9			
Body	LTE Band 66	20	QPSK	S3	1028M	1:1	0.00	1770.00	132572	0.0	12.5	11.93	50	50	Bottom	0	N/A	0.409	1.140	0.466	0.291		15.8			
Body	LTE Band 66	20	QPSK	S3	1028M	1:1	0.07	1770.00	132572	0.0	12.5	11.96	1	99	Right	0	N/A	0.018	1.132	0.020	0.013		29.4			
Body	LTE Band 66	20	QPSK	S3	1028M	1:1	0.03	1770.00	132572	0.0	12.5	11.93	50	50	Right	0	N/A	0.018	1.140	0.021	0.013		29.3			
Body	LTE Band 66	20	QPSK	S3	1028M	1:1	0.08	1770.00	132572	0.0	12.5	11.96	1	99	Left	0	N/A	0.033	1.132	0.037	0.023		26.7			
Body	LTE Band 66	20	QPSK	S3	1028M	1:1	-0.04	1770.00	132572	0.0	12.5	11.93	50	50	Left	0	N/A	0.031	1.140	0.035	0.022		27.0			
ANSI/IEEE C95.1 1992 - SAFETY LIMIT																	Body									
Spatial Peak																		1.6 W/kg (mW/g)								
Uncontrolled Exposure/General Population																		averaged over 1 gram								

Table 11-28
LTE Band 66 Ant M1 Laptop ECI=0

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]	
Body	LTE Band 66	20	QPSK	M1	0971M	1:1	-0.03	1770.00	132572	0.0	25.0	24.07	1	99	Bottom	0	0.113	1.239	0.140	0.088		33.5	
Body	LTE Band 66	20	QPSK	M1	0971M	1:1	-0.14	1770.00	132572	1.0	24.0	22.99	50	50	Bottom	0	0.077	1.262	0.097	0.061		34.1	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT																	Body 1.6 W/kg (mW/g) averaged over 1 gram						
Spatial Peak																							
Uncontrolled Exposure/General Population																							

Table 11-29
LTE Band 66 Ant S3 Laptop ECI=2 | Plot A18

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]	
Body	LTE Band 66	20	QPSK	S3	0980M	1:1	-0.11	1770.00	132572	0.0	12.5	11.96	1	99	Bottom	0	0.200	1.132	0.226	0.141	P#1	18.9	
Body	LTE Band 66	20	QPSK	S3	0980M	1:1	-0.09	1770.00	132572	0.0	12.5	11.93	50	50	Bottom	0	0.134	1.140	0.153	0.096		20.6	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT																	Body 1.6 W/kg (mW/g) averaged over 1 gram						
Spatial Peak																							
Uncontrolled Exposure/General Population																							

11.10 LTE Band 25 (PCS) Standalone SAR

Table 11-30
LTE Band 25 Tablet ECI=0

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	LTE Band 25	20	QPSK	M1	26930	1:1	0.06	1882.50	26365	0.0	25.0	23.95	1	0	Back	19	0.220	1.274	0.280	0.175		30.5
Body	LTE Band 25	20	QPSK	M1	26930	1:1	0.03	1882.50	26365	1.0	24.0	22.96	50	0	Back	19	0.182	1.271	0.231	0.144		30.3
Body	LTE Band 25	20	QPSK	M1	26930	1:1	0.03	1882.50	26365	0.0	25.0	23.95	1	0	Top	19	0.380	1.274	0.428	0.268		28.6
Body	LTE Band 25	20	QPSK	M1	26930	1:1	-0.07	1882.50	26365	1.0	24.0	22.96	50	0	Top	19	0.276	1.271	0.351	0.219		28.5
Body	LTE Band 25	20	QPSK	M1	26930	1:1	-0.12	1882.50	26365	0.0	25.0	23.95	1	0	Bottom	0	0.043	1.274	0.055	0.034		37.6
Body	LTE Band 25	20	QPSK	M1	26930	1:1	0.07	1882.50	26365	1.0	24.0	22.96	50	0	Bottom	0	0.026	1.271	0.033	0.021		38.8
Body	LTE Band 25	20	QPSK	M1	26930	1:1	-0.17	1882.50	26365	0.0	25.0	23.95	1	0	Right	11	0.106	1.274	0.135	0.084		32.6
Body	LTE Band 25	20	QPSK	M1	26930	1:1	-0.30	1882.50	26365	1.0	24.0	22.96	50	0	Right	11	0.087	1.271	0.111	0.069		33.5
Body	LTE Band 25	20	QPSK	M1	26930	1:1	-0.04	1882.50	26365	0.0	25.0	23.95	1	0	Left	0	0.288	1.274	0.367	0.229		29.3
Body	LTE Band 25	20	QPSK	M1	26930	1:1	0.02	1882.50	26365	1.0	24.0	22.96	50	0	Left	0	0.234	1.271	0.297	0.186		29.2
ANSI/IEEE C95.1 1992 - SAFETY LIMIT																	Body					
Uncontrolled Exposure/General Population																	Spatial Peak		1.6 W/kg (mW/g)			
																			averaged over 1 gram			

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Table 11-31
LTE Band 25 Tablet ECI=2 (ECI=3 for Right Edge) | Plot A19

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	PLimit [dBm]
Body	LTE Band 25	20	QPSK	M1	0980M	1:1	-0.03	1882.50	26365	0.0	13.0	12.12	1	99	Back	0	N/A	0.146	1.222	0.178	0.111		20.4
Body	LTE Band 25	20	QPSK	M1	0980M	1:1	-0.07	1882.50	26365	0.0	13.0	12.14	50	0	Back	0	N/A	0.148	1.219	0.180	0.113		20.4
Body	LTE Band 25	20	QPSK	M1	0980M	1:1	-0.04	1882.50	26365	0.0	13.0	12.13	1	99	Top	0	N/A	0.125	1.222	0.142	0.401		14.9
Body	LTE Band 25	20	QPSK	M1	0980M	1:1	-0.09	1882.50	26365	0.0	13.0	12.14	50	0	Top	0	N/A	0.153	1.219	0.174	0.421	Plot	14.7
Body	LTE Band 25	20	QPSK	M1	0971M	1:1	-0.02	1882.50	26365	0.0	13.0	12.14	50	0	Top	0	Keyboard	0.351	1.219	0.428	0.268		16.6
Body	LTE Band 25	20	QPSK	M1	0971M	1:1	-0.03	1860.00	26140	0.0	20.0	19.45	1	99	Right	0	N/A	0.245	1.135	0.178	0.174		25.5
Body	LTE Band 25	20	QPSK	M1	0971M	1:1	-0.02	1860.00	26140	0.0	20.0	19.38	50	50	Right	0	N/A	0.249	1.153	0.287	0.179		25.4
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																		Body 1.6 W/kg (mW/g) averaged over 1 gram					

Table 11-32
LTE Band 25 Laptop ECI=0 | Plot A20

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	PLimit [dBm]
Body	LTE Band 25	20	QPSK	M1	0971M	1:1	-0.02	1882.50	26365	0.0	25.0	23.95	1	0	Bottom	0		0.082	1.274	0.104	0.065	Plot	34.8
Body	LTE Band 25	20	QPSK	M1	0971M	1:1	-0.10	1882.50	26365	1.0	24.0	22.96	50	0	Bottom	0		0.065	1.271	0.083	0.052		34.8
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																		Body 1.6 W/kg (mW/g) averaged over 1 gram					

11.11 LTE Band 41 Standalone SAR

Table 11-33
LTE Band 41 Tablet ECI=0

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	PLimit [dBm]
Body	LTE Band 41	20	QPSK	M1	1045M	1:1.58	0.04	2506.00	39750	0.0	25.0	24.08	1	0	Back	19		0.186	1.236	0.230	0.144		29.4
Body	LTE Band 41	20	QPSK	M1	1045M	1:1.58	-0.01	2506.00	39750	1.0	24.0	23.02	50	0	Back	19		0.155	1.253	0.194	0.121		29.1
Body	LTE Band 41	20	QPSK	M1	1045M	1:1.58	-0.02	2506.00	39750	0.0	25.0	24.08	1	0	Top	19		0.164	1.236	0.450	0.281		26.4
Body	LTE Band 41	20	QPSK	M1	0980M	1:2.31	-0.01	2506.00	39750	0.0	27.0	26.31	1	0	Top	19		0.371	1.199	0.445	0.278		26.8
Body	LTE Band 41	20	QPSK	M1	1045M	1:1.58	-0.01	2506.00	39750	1.0	24.0	23.02	50	0	Top	19		0.308	1.253	0.386	0.241		26.1
Body	LTE Band 41	20	QPSK	M1	1045M	1:1.58	0.01	2506.00	39750	0.0	25.0	24.08	1	0	Bottom	0		0.027	1.236	0.033	0.021		37.7
Body	LTE Band 41	20	QPSK	M1	1045M	1:1.58	-0.15	2506.00	39750	1.0	24.0	23.02	50	0	Bottom	0		0.022	1.253	0.018	0.018		37.6
Body	LTE Band 41	20	QPSK	M1	1045M	1:1.58	0.01	2506.00	39750	0.0	25.0	24.08	1	0	Right	11		0.086	1.236	0.106	0.066		32.7
Body	LTE Band 41	20	QPSK	M1	1045M	1:1.58	0.05	2506.00	39750	1.0	24.0	23.02	50	0	Right	11		0.057	1.253	0.071	0.044		33.4
Body	LTE Band 41	20	QPSK	M1	1045M	1:1.58	0.01	2506.00	39750	0.0	25.0	24.08	1	0	Left	0		0.200	1.236	0.247	0.154		29.0
Body	LTE Band 41	20	QPSK	M1	1045M	1:1.58	0.01	2506.00	39750	1.0	24.0	23.02	50	0	Left	0		0.167	1.253	0.209	0.131		28.8
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																		Body 1.6 W/kg (mW/g) averaged over 1 gram					

Note: Green entry represents HPUE measurement

Table 11-34
LTE Band 41 Tablet ECI=2 (ECI=3 for Right Edge) | Plot A21

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	PLimit [dBm]	Overall PLimit [dBm]
Body	LTE Band 41	20	QPSK	M1	0980M	1:1.58	0.02	2506.00	39750	0.0	13.5	12.01	1	0	Back	0	N/A	0.303	1.409	0.427	0.267		15.2	
Body	LTE Band 41	20	QPSK	M1	0980M	1:1.58	0.02	2506.00	39750	0.0	13.5	12.01	50	0	Back	0	N/A	0.303	1.409	0.427	0.267		15.2	
Body	LTE Band 41	20	QPSK	M1	0980M	1:1.58	-0.06	2506.00	39750	0.0	13.5	12.01	1	0	Top	0	N/A	0.481	1.409	0.678	0.424		13.2	
Body	LTE Band 41	20	QPSK	M1	0980M	1:1.58	-0.01	2549.50	40185	0.0	13.5	11.88	1	99	Top	0	N/A	0.421	1.452	0.611	0.382		11.6	
Body	LTE Band 41	20	QPSK	M1	0980M	1:1.58	-0.02	2593.00	40620	0.0	13.5	12.00	1	0	Top	0	N/A	0.420	1.413	0.593	0.371		13.7	
Body	LTE Band 41	20	QPSK	M1	0980M	1:1.58	0.00	2636.50	43555	0.0	13.5	11.60	1	0	Top	0	N/A	0.441	1.549	0.683	0.427		13.1	
Body	LTE Band 41	20	QPSK	M1	0980M	1:1.58	0.00	2680.00	43490	0.0	13.5	11.66	1	0	Top	0	N/A	0.461	1.528	0.704	0.440		13.0	
Body	LTE Band 41	20	QPSK	M1	0980M	1:1.58	0.00	2506.00	39750	0.0	13.5	12.01	50	0	Top	0	N/A	0.484	1.409	0.682	0.426	Plot	13.1	
Body	LTE Band 41	20	QPSK	M1	0980M	1:1.58	0.01	2549.50	40185	0.0	13.5	11.88	50	0	Top	0	N/A	0.467	1.452	0.678	0.424		13.2	
Body	LTE Band 41	20	QPSK	M1	0980M	1:1.58	-0.02	2593.00	40620	0.0	13.5	11.90	50	0	Top	0	N/A	0.424	1.445	0.613	0.383		13.6	
Body	LTE Band 41	20	QPSK	M1	0980M	1:1.58	0.02	2636.50	43555	0.0	13.5	11.63	50	0	Top	0	N/A	0.482	1.538	0.741	0.463		12.8	
Body	LTE Band 41	20	QPSK	M1	0980M	1:1.58	0.01	2636.50	43555	0.0	13.5	11.63	50	0	Top	0	Keyboard	0.320	1.538	0.492	0.308		14.5	
Body	LTE Band 41	20	QPSK	M1	0980M	1:2.31	-0.01	2636.50	43555	0.0	15.1	13.47	50	0	Top	0	N/A	0.452	1.455	0.665	0.416		13.2	
Body	LTE Band 41	20	QPSK	M1	0980M	1:2.31	-0.08	2636.50	43555	0.0	15.1	13.47	50	0	Top	0	Keyboard	0.320	1.455	0.466	0.291		14.7	
Body	LTE Band 41	20	QPSK	M1	0980M	1:1.58	-0.02	2680.00	43490	0.0	13.5	11.65	50	0	Top	0	N/A	0.450	1.531	0.689	0.431		13.1	
Body	LTE Band 41	20	QPSK	M1	0980M	1:1.58	0.08	2506.00	39750	0.0	18.0	17.45	1	0	Right	0	N/A	0.087	1.135	0.099	0.062		36.0	
Body	LTE Band 41	20	QPSK	M1	0980M	1:1.58	0.00	2506.00	39750	0.0	18.0	17.45	50	0	Right	0	N/A	0.088	1.135	0.100	0.063		26.0	
Body	LTE Band 41	20	QPSK	M1	0980M	1:2.31	0.00	2506.00	39750	0.0	19.6	19.29	50	0	Right	0	N/A	0.088	1.074	0.095	0.059		26.2	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT																		Body						
Spatial Peak																		1.6 W/kg (mW/g)						
Uncontrolled Exposure/General Population																		averaged over 1 gram						

Note: Green entry represents HPUE measurement

Table 11-35
LTE Band 41 Laptop ECI=0 | Plot A22

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	PLimit [dBm]
Body	LTE Band 41	20	QPSK	M1	1049M	1:1.58	0.11	2506.00	39750	0.0	25.0	24.08	1	0	Bottom	0		0.085	1.236	0.105	0.066		32.8
Body	LTE Band 41	20	QPSK	M1	1049M	1:2.31	0.03	2506.00	39750	0.0	27.0	26.21	1	0	Bottom	0		0.086	1.199	0.103	0.064	Plot	33.2
Body	LTE Band 41	20	QPSK	M1	1049M	1:1.58	0.06	2506.00	39750	1.0	24.0	23.02	50	0	Bottom	0		0.081	1.253	0.101	0.063		31.0
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																		Body 1.6 W/kg (mW/g) averaged over 1 gram					

Note: Green entry represents HPUE measurement

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11.12 NR Band n5 Standalone SAR

Table 11-36
NR Band n5 Tablet ECI=0 | Plot A23

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio [1g SAR]	Plot #	PLimit [dBm]
Body	NR Band n5	20	QPSK	M1	1049M	1:1	0.00	836.50	167300	DFT-s-OFDM	0.0	25.0	23.40	1	1	Back	19	N/A	0.321	1.445	0.464	0.290		28.3
Body	NR Band n5	20	QPSK	M1	1049M	1:1	-0.02	836.50	167300	DFT-s-OFDM	0.0	25.0	23.47	50	28	Back	19	N/A	0.341	1.422	0.485	0.303		28.1
Body	NR Band n5	20	QPSK	M1	1049M	1:1	0.03	836.50	167300	DFT-s-OFDM	0.0	25.0	23.40	1	1	Top	19	N/A	0.617	1.445	0.892	0.558	Plot	25.4
Body	NR Band n5	20	QPSK	M1	1049M	1:1	0.01	836.50	167300	DFT-s-OFDM	0.0	25.0	23.40	1	1	Top	19	Keyboard	0.532	1.445	0.769	0.481		26.1
Body	NR Band n5	20	QPSK	M1	1049M	1:1	0.01	836.50	167300	DFT-s-OFDM	0.0	25.0	23.47	50	28	Top	19	N/A	0.585	1.422	0.812	0.520		25.7
Body	NR Band n5	20	QPSK	M1	1049M	1:1	0.00	836.50	167300	DFT-s-OFDM	1.0	24.0	22.52	100	0	Top	19	N/A	0.458	1.406	0.644	0.403		25.9
Body	NR Band n5	20	QPSK	M1	1049M	1:1	-0.06	836.50	167300	CP-OFDM	1.5	23.5	21.94	1	1	Top	19	N/A	0.422	1.432	0.604	0.378		25.6
Body	NR Band n5	20	QPSK	M1	0149M	1:1	0.06	836.50	167300	DFT-s-OFDM	0.0	25.0	23.40	1	1	Bottom	0	N/A	0.038	1.445	0.055	0.034		37.6
Body	NR Band n5	20	QPSK	M1	0149M	1:1	0.06	836.50	167300	DFT-s-OFDM	0.0	25.0	23.47	50	28	Bottom	0	N/A	0.030	1.422	0.043	0.027		38.6
Body	NR Band n5	20	QPSK	M1	1049M	1:1	0.09	836.50	167300	DFT-s-OFDM	0.0	25.0	23.40	1	1	Right	0	N/A	0.154	1.445	0.233	0.139		31.5
Body	NR Band n5	20	QPSK	M1	1049M	1:1	-0.02	836.50	167300	DFT-s-OFDM	0.0	25.0	23.47	50	28	Right	0	N/A	0.160	1.422	0.228	0.143		31.4
Body	NR Band n5	20	QPSK	M1	1049M	1:1	0.01	836.50	167300	DFT-s-OFDM	0.0	25.0	23.40	1	1	Left	0	N/A	0.467	1.445	0.675	0.422		26.7
Body	NR Band n5	20	QPSK	M1	0871M	1:1	0.08	836.50	167300	DFT-s-OFDM	0.0	25.0	23.47	50	28	Left	0	N/A	0.423	1.422	0.602	0.376		27.2
ANSI/IEEE C63.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																			Body 1.6 W/kg (mW/g) averaged over 1 gram					

Table 11-37
NR Band n5 Tablet ECI=2

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio [1g SAR]	Plot #	PLimit [dBm]
Body	NR Band n5	20	QPSK	M1	1049M	1:1	0.00	836.50	167300	DFT-s-OFDM	0.0	14.0	12.13	1	104	Back	0	0.323	1.538	0.497	0.311		17.0
Body	NR Band n5	20	QPSK	M1	1049M	1:1	-0.01	836.50	167300	DFT-s-OFDM	0.0	14.0	12.12	50	56	Back	0	0.328	1.472	0.484	0.303		17.1
Body	NR Band n5	20	QPSK	M1	1049M	1:1	0.03	836.50	167300	DFT-s-OFDM	0.0	14.0	12.13	1	104	Top	0	0.482	1.538	0.741	0.463		15.2
Body	NR Band n5	20	QPSK	M1	1049M	1:1	0.00	836.50	167300	DFT-s-OFDM	0.0	14.0	12.32	50	56	Top	0	0.469	1.472	0.690	0.431		15.6
ANSI/IEEE C63.1 1992 - SAFETY LIMIT																Body 1.6 W/kg (mW/g) averaged over 1 gram							
Spatial Peak Uncontrolled Exposure/General Population																							

Table 11-38
NR Band n5 Laptop ECI=0 | Plot A24

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	PLimit [dBm]			
Body	NR Band n5	20	QPSK	M1	0149M	1:1	-0.05	836.50	167300	DFT-s-OFDM	0.0	25.0	23.40	1	1	Bottom	0	0.081	1.445	0.117	0.073		34.3			
Body	NR Band n5	20	QPSK	M1	0149M	1:1	0.04	836.50	167300	DFT-s-OFDM	0.0	25.0	23.47	50	28	Bottom	0	0.096	1.422	0.137	0.086	plot	33.6			
Body	NR Band n5	20	QPSK	M1	0149M	1:1	-0.08	836.50	167300	CP-OFDM	1.5	23.5	21.94	1	1	Bottom	0	0.027	1.432	0.039	0.024		37.6			
ANSI/IEEE C63.1 1992 - SAFETY LIMIT																			Body							
Spatial Peak																										
Uncontrolled Exposure/General Population																							1.6 W/kg (mW/g) averaged over 1 gram			

11.13 NR Band n66 Standalone SAR

Table 11-39
NR Band n66 Tablet ECI=0

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio [1g SAR]	Plot #	PLimit [dBm]	
Body	NR Band n66	40	QPSK	M1	19166	1:1	0.01	1745.00	349000	DFT-s-OFDM	0.0	25.0	24.21	1	108	Back	19	0.293	1.199	0.351	0.219		29.5	
Body	NR Band n66	40	QPSK	M1	19166	1:1	-0.03	1745.00	349000	DFT-s-OFDM	0.0	25.0	24.20	108	54	Back	19	0.395	1.202	0.355	0.222		29.5	
Body	NR Band n66	40	QPSK	M1	19166	1:1	-0.03	1745.00	349000	DFT-s-OFDM	0.0	25.0	24.21	1	108	Top	19	0.434	1.199	0.520	0.325		27.8	
Body	NR Band n66	40	QPSK	M1	19166	1:1	-0.06	1745.00	349000	DFT-s-OFDM	0.0	25.0	24.20	108	54	Top	19	0.438	1.202	0.526	0.329		27.7	
Body	NR Band n66	40	QPSK	M1	19166	1:1	-0.01	1745.00	349000	CP-OFDM	1.5	23.5	22.13	1	1	Top	19	0.337	1.371	0.462	0.289		26.8	
Body	NR Band n66	40	QPSK	M1	19166	1:1	0.05	1745.00	349000	DFT-s-OFDM	0.0	25.0	24.21	1	108	Bottom	0	0.068	1.199	0.082	0.051		35.8	
Body	NR Band n66	40	QPSK	M1	19166	1:1	-0.02	1745.00	349000	DFT-s-OFDM	0.0	25.0	24.20	108	54	Bottom	0	0.077	1.202	0.093	0.058		35.3	
Body	NR Band n66	40	QPSK	M1	19166	1:1	0.05	1745.00	349000	DFT-s-OFDM	0.0	25.0	24.21	1	108	Right	11	0.102	1.199	0.122	0.076		34.1	
Body	NR Band n66	40	QPSK	M1	19166	1:1	0.01	1745.00	349000	DFT-s-OFDM	0.0	25.0	24.20	108	54	Right	11	0.101	1.202	0.121	0.076		34.1	
Body	NR Band n66	40	QPSK	M1	19166	1:1	-0.04	1745.00	349000	DFT-s-OFDM	0.0	25.0	24.21	1	108	Left	0	0.218	1.199	0.261	0.163		30.8	
Body	NR Band n66	40	QPSK	M1	19166	1:1	-0.02	1745.00	349000	DFT-s-OFDM	0.0	25.0	24.20	108	54	Left	0	0.217	1.202	0.261	0.163		30.8	
ANSI/IEEE C63.1 1992 - SAFETY LIMIT																			Body					
Spatial Peak																			1.6 W/kg (mW/g)					
Uncontrolled Exposure/General Population																			averaged over 1 gram					

Table 11-40
NR Band n66 Tablet ECI=2 (ECI=3 for Right Edge) | Plot A25

sure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio [1g SAR]	Plot #	PLimit [dBm]
Body	NR Band n66	40	QPSK	M1	0980M	1:1	0.01	1745.00	349000	DFT-s-OFDM	0.0	14.0	13.26	1	108	Back	0	N/A	0.329	1.186	0.390	0.244		18.0
Body	NR Band n66	40	QPSK	M1	0980M	1:1	0.01	1745.00	349000	DFT-s-OFDM	0.0	14.0	13.31	108	54	Back	0	N/A	0.344	1.172	0.403	0.252		17.9
Body	NR Band n66	40	QPSK	M1	0980M	1:1	0.11	1745.00	349000	DFT-s-OFDM	0.0	14.0	13.26	1	108	Top	0	N/A	0.457	1.186	0.542	0.339		16.6
Body	NR Band n66	40	QPSK	M1	0980M	1:1	-0.02	1745.00	349000	DFT-s-OFDM	0.0	14.0	13.31	108	54	Top	0	N/A	0.466	1.172	0.546	0.341		16.6
Body	NR Band n66	40	QPSK	M1	0971M	1:1	-0.01	1745.00	349000	CP-OFDM	0.0	14.0	12.78	1	1	Top	0	N/A	0.326	1.324	0.486	0.435	Plot	15.5
Body	NR Band n66	40	QPSK	M1	0971M	1:1	0.11	1745.00	349000	CP-OFDM	0.0	14.0	12.78	1	1	Top	0	KEYBOARD	0.373	1.324	0.494	0.309		17.0
Body	NR Band n66	40	QPSK	M1	0971M	1:1	-0.03	1745.00	349000	DFT-s-OFDM	0.0	19.0	17.73	1	108	Right	0	N/A	0.220	1.340	0.295	0.184		24.3
Body	NR Band n66	40	QPSK	M1	0971M	1:1	0.01	1745.00	349000	DFT-s-OFDM	0.0	19.0	17.76	108	54	Right	0	N/A	0.229	1.330	0.305	0.191		24.1
ANSI/IEEE C63.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																			Body 1.6 W/kg (mW/g) averaged over 1 gram					

FCC ID: A3LSMX736B	RF EXPOSURE PART 1 TEST REPORT																		Approved by: Technical Manager			
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REV 22.0
03/30/2022

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Table 11-41
NR Band n66 Laptop ECI=0 | Plot A26

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	P1st	P10th [dBm]
Body	NR Band n66	40	QPSK	M1	0971M	1:1	0.06	1745.00	349000	DFT-s-OFDM	0.0	25.0	24.21	1	108	Bottom	0	0.141	1.199	0.169	0.106	P01	32.9
Body	NR Band n66	40	QPSK	M1	0971M	1:1	0.06	1745.00	349000	DFT-s-OFDM	0.0	25.0	24.20	108	54	Bottom	0	0.107	1.202	0.129	0.081	P01	33.7
Body	NR Band n66	40	QPSK	M1	0971M	1:1	0.03	1745.00	349000	CP-OFDM	1.5	23.5	22.13	3	1	Bottom	0	0.053	1.271	0.075	0.047	P01	34.7
ANSI/IEEE C63.11992 - SAFETY LIMIT																		Body					
Spatial Peak																		1.6 W/kg (mW/g)					
Uncontrolled Exposure/General Population																		averaged over 3 gram					

11.14 NR Band n25 Standalone SAR

Table 11-42
NR Band n25 Tablet ECI=0

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power DnB [dB]	Frequency [MHz]	Channel #	Waveform	MPK [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Pilot #	Limit [dBm]
Body	NR Band n25	20	QPSK	M1	0971M	1:1	0.00	1905.00	381000	DFT-s-OFDM	0.0	25.0	23.47	1	1	Back	19	0.216	1.422	0.307	0.192		30.1
Body	NR Band n25	20	QPSK	M1	0971M	1:1	-0.03	1905.00	381000	DFT-s-OFDM	0.0	25.0	23.54	50	28	Back	19	0.220	1.400	0.308	0.193		30.1
Body	NR Band n25	20	QPSK	M1	0971M	1:1	-0.14	1905.00	381000	DFT-s-OFDM	0.0	25.0	23.47	1	1	Top	19	0.295	1.422	0.419	0.262		28.7
Body	NR Band n25	20	QPSK	M1	0971M	1:1	-0.03	1905.00	381000	DFT-s-OFDM	0.0	25.0	23.54	50	28	Top	19	0.293	1.420	0.410	0.256		28.8
Body	NR Band n25	20	QPSK	M1	0971M	1:1	-0.03	1905.00	381000	CP-OFDM	1.5	23.5	21.91	1	1	Top	19	0.233	1.442	0.336	0.210		28.2
Body	NR Band n25	20	QPSK	M1	0971M	1:1	-0.19	1905.00	381000	DFT-s-OFDM	0.0	25.0	23.47	1	1	Bottom	0	0.038	1.422	0.054	0.034		37.6
Body	NR Band n25	20	QPSK	M1	0971M	1:1	0.03	1905.00	381000	DFT-s-OFDM	0.0	25.0	23.54	50	28	Bottom	0	0.028	1.400	0.039	0.024		39.0
Body	NR Band n25	20	QPSK	M1	0971M	1:1	0.07	1905.00	381000	DFT-s-OFDM	0.0	25.0	23.47	1	1	Right	0	0.155	1.422	0.103	0.094		33.2
Body	NR Band n25	20	QPSK	M1	0971M	1:1	0.00	1905.00	381000	DFT-s-OFDM	0.0	25.0	23.54	50	28	Right	11	0.101	1.420	0.114	0.088		34.1
Body	NR Band n25	20	QPSK	M1	0971M	1:1	-0.05	1905.00	381000	DFT-s-OFDM	0.0	25.0	23.47	1	1	Left	0	0.288	1.422	0.410	0.256		28.8
Body	NR Band n25	20	QPSK	M1	0971M	1:1	0.04	1905.00	381000	DFT-s-OFDM	0.0	25.0	23.54	50	28	Left	0	0.280	1.400	0.392	0.245		29.0
ANSI/KELCO CODE A SAFETY LIMIT																							
Spatial Peak																		Body					
Uncontrolled Exposure/General Population																		1.6 W/kg [mW/g] averaged over 1 gram					

Table 11-43
NR Band n25 Tablet ECI=2 (ECI=3 for Right Edge) | Plot A27

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Add'l Info	Measured E1 SAE [W/kg]	Power Scaling Factor	Reported E1 SAE [W/kg]	Exposure Rate [μW/kg]	Pilot #	PLM1 [dBm]
Body	NR Band n25	20	QPSK	M1	0980M	1:1	0.01	1860.00	372000	DFT+OFDM	0.0	13.0	12.62	1	104	Back	0	N/A	0.212	1.091	0.211	0.144		19.3
Body	NR Band n25	20	QPSK	M1	0980M	1:1	0.01	1860.00	372000	DFT+OFDM	0.0	13.0	12.63	50	56	Back	0	N/A	0.204	1.089	0.222	0.139		19.5
Body	NR Band n25	20	QPSK	M1	0980M	1:1	0.14	1860.00	372000	DFT+OFDM	0.0	13.0	12.62	1	104	Top	0	N/A	0.470	1.091	0.513	0.321		15.8
Body	NR Band n25	20	QPSK	M1	0980M	1:1	-0.02	1860.00	372000	DFT+OFDM	0.0	13.0	12.62	50	56	Top	0	N/A	0.456	1.089	0.529	0.331		15.7
Body	NR Band n25	20	QPSK	M1	0971M	1:1	0.03	1862.50	376000	CP-OFDM	0.0	13.0	12.51	1	1	Top	0	KEYBOARD	0.321	1.119	0.309	0.224		17.4
Body	NR Band n25	20	QPSK	M1	0980M	1:1	-0.05	1862.50	376000	CP-OFDM	0.0	13.0	12.51	1	1	Top	0	N/A	0.607	1.119	0.679	0.424	Pilot	14.6
Body	NR Band n25	20	QPSK	M1	0971M	1:1	-0.07	1860.00	372000	DFT+OFDM	0.0	20.0	18.52	1	104	Right	0	N/A	0.249	1.403	0.249	0.218		24.5
Body	NR Band n25	20	QPSK	M1	0980M	1:1	0.04	1860.00	372000	DFT+OFDM	0.0	20.0	18.52	50	56	Right	0	N/A	0.347	1.406	0.347	0.217		24.5
ANSI/IEEE C63.1-1992 - SAFETY LIMIT																				Body				
Spatial Peak																				1.6 W/kg [mW/g]				
Uncontrolled (General Population)																				averaged over 6.0 min				

Table 11-44
NR Band n25 Laptop ECI=0 | Plot A28

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured Iq SAR [W/kg]	Power Scaling Factor	Reported Iq SAR [W/kg]	Exposure Ratio [Iq SAR]	Plot #	Plot [dBm]
Body	NR Band n25	20	QPSK	M1	0971M	1:1	0.02	1905.00	381000	DFT+OFDM	0.0	25.0	23.47	1	1	Bottom	0	0.110	1.422	0.156	0.098		33.0
Body	NR Band n25	20	QPSK	M1	0971M	1:1	0.08	1905.00	381000	DFT+OFDM	0.0	25.0	23.54	50	28	Bottom	0	0.114	1.400	0.160	0.100	Plot	32.9
Body	NR Band n25	20	QPSK	M1	0971M	1:1	0.00	1905.00	381000	CP-OFDM	1.5	23.5	21.93	5	1	Bottom	0	0.076	1.442	0.110	0.069		33.1
ANSI/IEEE C62.1.1-1992 - SAFETY LIMIT																		Body					
Uncontrolled Exposure/General Population																		1.6 W/kg (mm/kg) averaged over 1 gram					

11.15 NR Band n41 Standalone SAR

Table 11-45
NR Band n41 Ant M1 Tablet ECI = 0

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Pilot #	Pilot Offset
Body	NR Band n41	100	QPSK	M1	1407M	1:1	-0.02	2592.99	518598	DFT-s-OFDM	0.0	19.0	18.72	1	137	Back	19	0.109	1.067	0.116	0.073		28.3
Body	NR Band n41	100	QPSK	M1	1407M	1:1	-0.01	2592.99	518598	DFT-s-OFDM	0.0	19.0	18.73	135	69	Back	19	0.106	1.064	0.113	0.071		28.4
Body	NR Band n41	100	QPSK	M1	1407M	1:1	-0.00	2592.99	518598	DFT-s-OFDM	0.0	19.0	18.72	1	137	Top	19	0.222	1.067	0.237	0.148		25.2
Body	NR Band n41	100	QPSK	M1	1407M	1:1	0.04	2592.99	518598	DFT-s-OFDM	0.0	19.0	18.73	135	69	Top	19	0.242	1.064	0.236	0.148		25.2
Body	NR Band n41	100	QPSK	M1	1407M	1:1	0.02	2592.99	518598	CP-OFDM	0.0	19.0	18.21	1	137	Top	19	0.195	1.069	0.234	0.146		25.3
Body	NR Band n41	100	QPSK	M1	1407M	1:1	0.01	2592.99	518598	DFT-s-OFDM	0.0	19.0	18.72	1	137	Bottom	0	0.002	1.067	0.002	0.001		45.7
Body	NR Band n41	100	QPSK	M1	1407M	1:1	0.05	2592.99	518598	DFT-s-OFDM	0.0	19.0	18.73	135	69	Bottom	0	0.008	1.064	0.009	0.006		39.6
Body	NR Band n41	100	QPSK	M1	1407M	1:1	0.13	2592.99	518598	DFT-s-OFDM	0.0	19.0	18.72	1	137	Right	11	0.062	1.067	0.055	0.034		31.5
Body	NR Band n41	100	QPSK	M1	1407M	1:1	-0.03	2592.99	518598	DFT-s-OFDM	0.0	19.0	18.73	135	69	Right	11	0.052	1.064	0.055	0.034		31.5
Body	NR Band n41	100	QPSK	M1	1407M	1:1	0.07	2593.99	518598	DFT-s-OFDM	0.0	19.0	18.22	1	137	Left	0	0.188	1.067	0.148	0.073		27.2
Body	NR Band n41	100	QPSK	M1	1407M	1:1	0.11	2592.99	518598	DFT-s-OFDM	0.0	19.0	18.73	135	69	Left	0	0.152	1.064	0.163	0.101		26.9
ANSI/IEEE C63.1-1992 - SAFETY LIMIT																				Spatial Peak			
Uncontrolled Exposure (General Population)																				Body			
																				1.6 W/kg (mW/g)			
																				restricted to 0.4 W/kg			

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Table 11-46
NR Band n41 Ant M1 Tablet ECI=2 (ECI=3 for Right Edge) | Plot A29

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	NR Band n41	100	QPSK	M1	1000M	1:1	0.00	2592.99	518598	DFT-s-OFDM	0.0	12.0	11.98	1	137	Back	0	N/A	0.606	1.005	0.603	0.377	
Body	NR Band n41	100	QPSK	M1	1000M	1:1	0.00	2592.99	518598	DFT-s-OFDM	0.0	12.0	11.93	135	69	Back	0	N/A	0.617	1.016	0.627	0.392	
Body	NR Band n41	100	QPSK	M1	1000M	1:1	-0.01	2592.99	518598	DFT-s-OFDM	0.0	12.0	11.85	270	0	Back	0	N/A	0.593	1.038	0.636	0.385	
Body	NR Band n41	100	QPSK	M1	1000M	1:1	0.01	2592.99	518598	DFT-s-OFDM	0.0	12.0	11.98	1	137	Top	0	N/A	0.608	1.005	0.602	0.539	
Body	NR Band n41	100	QPSK	M1	1000M	1:1	-0.01	2592.99	518598	DFT-s-OFDM	0.0	12.0	11.93	135	69	Top	0	N/A	0.645	1.016	0.659	0.537	
Body	NR Band n41	100	QPSK	M1	1000M	1:1	-0.02	2592.99	518598	DFT-s-OFDM	0.0	12.0	11.85	270	0	Top	0	N/A	0.608	1.038	0.601	0.557	
Body	NR Band n41	100	QPSK	M1	1000M	1:1	-0.06	2592.99	518598	CP-OFDM	0.0	12.0	11.97	1	1	Top	0	N/A	0.681	1.007	0.687	0.554	Plot
Body	NR Band n41	100	QPSK	M1	1000M	1:1	-0.02	2592.99	518598	CP-OFDM	0.0	12.0	11.97	1	1	Top	0	Keyboard	0.667	1.007	0.672	0.420	
Body	NR Band n41	100	QPSK	M1	1000M	1:1	-0.06	2592.99	518598	CP-OFDM	0.0	12.0	11.97	1	1	Top	0	N/A	0.651	1.007	0.669	0.518	
Body	NR Band n41	100	QPSK	M1	1497M	1:1	0.09	2592.99	518598	DFT-s-OFDM	0.0	16.0	15.95	1	137	Right	0	N/A	0.139	1.012	0.141	0.088	
Body	NR Band n41	100	QPSK	M1	1497M	1:1	-0.01	2592.99	518598	DFT-s-OFDM	0.0	16.0	15.88	135	69	Right	0	N/A	0.138	1.028	0.142	0.089	
Body Spatial Peak ANSI/IEEE C95.1 1992 - SAFETY LIMIT Uncontrolled Exposure/General Population																			1.6 W/kg (mW/g) averaged over 1 gram				

Note: Blue entry represents variability measurement

Table 11-47
NR Band n41 Ant M1 Laptop ECI=0 | Plot A30

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	NR Band n41	100	QPSK	M1	1497M	1:1	0.05	2592.99	518598	DFT-s-OFDM	0.0	19.0	18.72	1	137	Bottom	0	0.044	1.067	0.047	0.029		32.2
Body	NR Band n41	100	QPSK	M1	1497M	1:1	0.01	2592.99	518598	DFT-s-OFDM	0.0	19.0	18.73	135	69	Bottom	0	0.043	1.064	0.046	0.029		32.3
Body	NR Band n41	100	QPSK	M1	1497M	1:1	-0.13	2592.99	518598	CP-OFDM	0.0	19.0	18.21	1	1	Bottom	0	0.054	1.199	0.065	0.041	Plot	30.8
Body Spatial Peak ANSI/IEEE C95.1 1992 - SAFETY LIMIT Uncontrolled Exposure/General Population																			1.6 W/kg (mW/g) averaged over 1 gram				

Table 11-48
NR Band n41 Ant S1 Tablet ECI = 0

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	NR Band n41	100	S1	1497M	1:1	0.04	2592.99	518598	CW/SRS	17.5	16.85	Back	19	0.040	1.161	0.046	0.029		30.8
Body	NR Band n41	100	S1	1497M	1:1	0.08	2592.99	518598	CW/SRS	17.5	16.85	Top	0	0.000	1.161	0.000	0.000		56.8
Body	NR Band n41	100	S1	1497M	1:1	0.06	2592.99	518598	CW/SRS	17.5	16.85	Bottom	19	0.047	1.161	0.055	0.034		30.1
Body	NR Band n41	100	S1	1497M	1:1	0.06	2592.99	518598	CW/SRS	17.5	16.85	Right	0	0.000	1.161	0.000	0.000		56.8
Body	NR Band n41	100	S1	1497M	1:1	0.06	2592.99	518598	CW/SRS	17.5	16.85	Left	11	0.009	1.161	0.010	0.006		37.3
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population												Body 1.6 W/kg (mW/g) averaged over 1 gram							

Table 11-49
NR Band n41 Ant S1 Tablet ECI=5

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	NR Band n41	100	S1	1497M	1:1	0.02	2592.99	518598	CW/SRS	12.0	11.34	Back	0	N/A	0.029	1.164	0.034	0.021		26.7
Body	NR Band n41	100	S1	1497M	1:1	-0.02	2592.99	518598	CW/SRS	12.0	11.34	Bottom	0	N/A	0.173	1.164	0.201	0.126		18.9
Body	NR Band n41	100	S1	1497M	1:1	0.00	2592.99	518598	CW/SRS	12.0	11.34	Left	0	N/A	0.299	1.164	0.348	0.218		16.5
Body	NR Band n41	100	S1	1497M	1:1	0.07	2592.99	518598	CW/SRS	12.0	11.34	Left	0	Keyboard	0.106	1.164	0.123	0.077		21.0
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population															Body 1.6 W/kg (mW/g) averaged over 1 gram					

Table 11-50
NR Band n41 Ant S1 Laptop ECI = 0

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	NR Band n41	100	S1	1058M	1:1	0.04	2592.99	518598	CW/SRS	17.5	16.85	Bottom	11	0.003	1.161	0.003	0.002		42.0
ANSI/IEEE C95.1 1992 - SAFETY LIMIT																			
Spatial Peak																			
Uncontrolled Exposure/General Population														Body 1.6 W/kg (mW/g) averaged over 1 gram					

Table 11-51
NR Band n41 Ant S1 Laptop ECI=5

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	NR Band n41	100	S1	1497M	1:1	0.05	2592.99	518598	CW/SRS	12.0	11.34	Bottom	0	0.016	1.164	0.019	0.012		29.2
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																			Body 1.6 W/kg (mW/g) averaged over 1 gram

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Table 11-52
NR Band n41 Ant S2 Tablet ECI=0/1/2/3/4/5

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	NR Band n41	100	S2	1497M	1:1	-0.04	2592.99	518598	CW/SRS	11.5	10.62	Back	0	N/A	0.589	1.225	0.722	0.451		12.9
Body	NR Band n41	100	S2	1497M	1:1	0.02	2592.99	518598	CW/SRS	11.5	10.62	Top	0	N/A	0.000	1.225	0.000	0.000		50.6
Body	NR Band n41	100	S2	1497M	1:1	0.01	2592.99	518598	CW/SRS	11.5	10.62	Bottom	0	N/A	0.815	1.225	0.998	0.624		11.5
Body	NR Band n41	100	S2	1497M	1:1	-0.03	2592.99	518598	CW/SRS	11.5	10.62	Bottom	0	Keyboard	0.385	1.225	0.472	0.295		14.7
Body	NR Band n41	100	S2	1497M	1:1	0.04	2592.99	518598	CW/SRS	11.5	10.62	Right	0	N/A	0.000	1.225	0.000	0.000		50.6
Body	NR Band n41	100	S2	1497M	1:1	0.04	2592.99	518598	CW/SRS	11.5	10.62	Left	0	N/A	0.000	1.225	0.000	0.000		50.6
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population															Body 1.6 W/kg (mW/g) averaged over 1 gram					

Table 11-53
NR Band n41 Ant S2 Laptop ECI=0/1/2/3/4/5

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]	
Body	NR Band n41	100	S2	1497M	1:1	0.05	2592.99	518598	CW/SRS	11.5	10.62	Bottom	0	0.000	1.225	0.000	0.000		50.6	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population															Body 1.6 W/kg (mW/g) averaged over 1 gram					

Table 11-54
NR Band n41 Ant S3 Tablet ECI=0/1/2/3/4/5

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	NR Band n41	100	S3	1497M	1:1	0.06	2592.99	518598	CW/SRS	7.0	6.05	Back	0	N/A	0.304	1.245	0.378	0.236		11.2
Body	NR Band n41	100	S3	1497M	1:1	0.15	2592.99	518598	CW/SRS	7.0	6.05	Back	0	Keyboard	0.023	1.245	0.025	0.018		22.4
Body	NR Band n41	100	S3	1497M	1:1	0.04	2592.99	518598	CW/SRS	7.0	6.05	Top	0	N/A	0.000	1.245	0.000	0.000		46.0
Body	NR Band n41	100	S3	1497M	1:1	0.20	2592.99	518598	CW/SRS	7.0	6.05	Bottom	0	N/A	0.236	1.245	0.294	0.184		12.3
Body	NR Band n41	100	S3	1497M	1:1	0.08	2592.99	518598	CW/SRS	7.0	6.05	Right	0	N/A	0.007	1.245	0.009	0.006		27.5
Body	NR Band n41	100	S3	1497M	1:1	0.21	2592.99	518598	CW/SRS	7.0	6.05	Left	0	N/A	0.070	1.245	0.087	0.054		17.5
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population															Body 1.6 W/kg (mW/g) averaged over 1 gram					

Table 11-55
NR Band n41 Ant S3 Laptop ECI=0/1/2/3/4/5

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]	
Body	NR Band n41	100	S3	1497M	1:1	0.04	2592.99	518598	CW/SRS	7.0	6.05	Bottom	0	0.000	1.245	0.000	0.000		46.0	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population															Body 1.6 W/kg (mW/g) averaged over 1 gram					

11.16 NR Band n77 Standalone SAR

Table 11-56
NR Band n77 Ant S4 Tablet ECI = 0

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	NR Band n77	100	QPSK	S4	1049M	1:1	0.06	3750.00	650000	DFT-s-OFDM	0.0	19.0	18.35	1	271	Back	19	0.099	1.161	0.115	0.072		28.3
Body	NR Band n77	100	QPSK	S4	1049M	1:1	-0.03	3750.00	650000	DFT-s-OFDM	0.0	19.0	18.32	135	69	Back	19	0.111	1.169	0.130	0.081		27.8
Body	NR Band n77	100	QPSK	S4	1049M	1:1	-0.20	3750.00	650000	DFT-s-OFDM	0.0	19.0	18.35	1	271	Top	0	0.069	1.161	0.080	0.050		29.9
Body	NR Band n77	100	QPSK	S4	1049M	1:1	-0.06	3750.00	650000	DFT-s-OFDM	0.0	19.0	18.32	135	69	Top	0	0.068	1.169	0.079	0.049		29.9
Body	NR Band n77	100	QPSK	S4	1049M	1:1	0.21	3750.00	650000	DFT-s-OFDM	0.0	19.0	18.35	1	271	Bottom	19	0.058	1.161	0.067	0.042		30.7
Body	NR Band n77	100	QPSK	S4	1049M	1:1	0.01	3750.00	650000	DFT-s-OFDM	0.0	19.0	18.32	135	69	Bottom	19	0.052	1.169	0.061	0.038		31.1
Body	NR Band n77 DoD	100	QPSK	S4	1049M	1:1	-0.03	3500.00	633334	DFT-s-OFDM	0.0	19.0	18.66	1	1	Right	11	0.574	1.081	0.620	0.388		21.0
Body	NR Band n77	100	QPSK	S4	1049M	1:1	0.00	3750.00	650000	DFT-s-OFDM	0.0	19.0	18.55	1	271	Right	11	0.514	1.161	0.597	0.373		21.2
Body	NR Band n77	100	QPSK	S4	1049M	1:1	-0.03	3930.00	660000	DFT-s-OFDM	0.0	19.0	18.99	1	271	Right	11	0.503	1.233	0.620	0.388		21.0
Body	NR Band n77	100	QPSK	S4	1049M	1:1	0.03	3750.00	650000	DFT-s-OFDM	0.0	19.0	18.32	135	69	Right	11	0.566	1.169	0.662	0.414		20.7
Body	NR Band n77	100	QPSK	S4	1049M	1:1	-0.03	3930.00	660000	DFT-s-OFDM	0.0	19.0	19.06	135	69	Right	11	0.449	1.242	0.582	0.464		21.3
Body	NR Band n77	100	QPSK	S4	1049M	1:1	-0.02	3750.00	650000	CP-OFDM	0.0	19.0	17.41	1	1	Right	11	0.485	1.442	0.695	0.437		20.5
Body	NR Band n77	100	QPSK	S4	1049M	1:1	0.04	3750.00	650000	DFT-s-OFDM	0.0	19.0	18.35	1	271	Left	0	0.021	1.161	0.024	0.015		35.1
Body	NR Band n77	100	QPSK	S4	1049M	1:1	0.01	3750.00	650000	DFT-s-OFDM	0.0	19.0	18.32	135	69	Left	0	0.018	1.169	0.021	0.013		35.7
ANSI/IEEE C95.1 1992 - SAFETY LIMIT															Body 1.6 W/kg (mW/g) averaged over 1 gram								
Spatial Peak Uncontrolled Exposure/General Population																							

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Table 11-57
NR Band n77 Ant S4 Tablet ECI=4 | Plot A31

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	NR Band n77	100	QPSK	S4	1049M	1:1	-0.04	3750.00	650000	DFT-s-OFDM	0.0	9.0	8.80	1	271	Back	0	0.623	1.047	0.623	0.407		10.8
Body	NR Band n77	100	QPSK	S4	1049M	1:1	-0.03	3930.00	662000	DFT-s-OFDM	0.0	9.0	8.25	1	1	Back	0	0.648	1.026	0.628	0.411		10.8
Body	NR Band n77	100	QPSK	S4	1049M	1:1	-0.03	3750.00	650000	DFT-s-OFDM	0.0	9.0	8.60	135	138	Back	0	0.626	1.096	0.686	0.429		10.6
Body	NR Band n77	100	QPSK	S4	1049M	1:1	-0.01	3930.00	662000	DFT-s-OFDM	0.0	9.0	8.91	135	69	Back	0	0.619	1.021	0.632	0.395		10.9
Body	NR Band n77	100	QPSK	S4	1049M	1:1	-0.02	3930.00	662000	DFT-s-OFDM	0.0	9.0	8.93	1	1	Bottom	0	0.395	1.036	0.398	0.124		16.0
Body	NR Band n77	100	QPSK	S4	1049M	1:1	-0.02	3930.00	662000	DFT-s-OFDM	0.0	9.0	8.91	135	69	Bottom	0	0.198	1.021	0.302	0.126		15.9
Body	NR Band n77 DoD	100	QPSK	S4	1049M	1:1	-0.14	3500.01	633334	DFT-s-OFDM	0.0	9.0	8.49	1	137	Right	0	0.539	1.125	0.606	0.379		11.1
Body	NR Band n77	100	QPSK	S4	1049M	1:1	0.00	3750.00	650000	DFT-s-OFDM	0.0	9.0	8.80	1	271	Right	0	0.696	1.047	0.729	0.456		10.3
Body	NR Band n77	100	QPSK	S4	1049M	1:1	0.00	3930.00	662000	DFT-s-OFDM	0.0	9.0	8.93	1	1	Right	0	0.779	1.026	0.791	0.494		10.0
Body	NR Band n77	100	QPSK	S4	1049M	1:1	0.00	3750.00	650000	DFT-s-OFDM	0.0	9.0	8.60	135	138	Right	0	0.703	1.096	0.770	0.481		10.1
Body	NR Band n77	100	QPSK	S4	1049M	1:1	0.00	3930.00	662000	DFT-s-OFDM	0.0	9.0	8.91	135	69	Right	0	0.843	1.021	0.861	0.538		9.6
Body	NR Band n77	100	QPSK	S4	1049M	1:1	-0.09	3930.00	662000	DFT-s-OFDM	0.0	9.0	8.80	270	0	Right	0	0.857	1.047	0.897	0.561	Plot	9.4
Body	NR Band n77	100	QPSK	S4	1049M	1:1	-0.04	3930.00	662000	CP-OFDM	0.0	9.0	8.89	1	1	Right	0	0.777	1.026	0.797	0.498		9.9
ANSI/IEEE C63.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																		Body 1.6 W/kg (mW/g) averaged over 1 gram					

Table 11-58
NR Band n77 Ant S4 Laptop ECI=0

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	MPR [dB]	Max Allowed Power [dBm]	Conducted Power [dBm]	RB Size	RB Offset	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	NR Band n77 DoD	100	QPSK	S4	1476M	1:1	0.02	3500.01	633334	DFT-s-OFDM	0.0	19.0	18.66	1	1	Bottom	0	0.003	1.081	0.003	0.002		43.8
Body	NR Band n77	100	QPSK	S4	1476M	1:1	0.09	3750.00	650000	DFT-s-OFDM	0.0	19.0	18.35	1	271	Bottom	0	0.003	1.161	0.003	0.002		43.5
Body	NR Band n77	100	QPSK	S4	1476M	1:1	0.02	3750.00	650000	DFT-s-OFDM	0.0	19.0	18.32	135	69	Bottom	0	0.000	1.169	0.000	0.000		58.3
ANSI/IEEE C63.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																		Body 1.6 W/kg (mW/g) averaged over 1 gram					

Table 11-59
NR Band n77 Ant M4 Tablet ECI = 0

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	NR Band n77	100	M4	1497M	1:1	0.04	3930.00	662000	CW/SRS	14.0	13.75	Back	19	0.018	1.059	0.019	0.012		31.1
Body	NR Band n77	100	M4	1497M	1:1	0.07	3930.00	662000	CW/SRS	14.0	13.75	Top	19	0.007	1.059	0.007	0.004		35.2
Body	NR Band n77	100	M4	1476M	1:1	0.09	3930.00	662000	CW/SRS	14.0	13.75	Bottom	0	0.001	1.059	0.001	0.001		43.7
Body	NR Band n77 DoD	100	M4	1476M	1:1	0.09	3500.01	633334	CW/SRS	14.0	12.20	Right	11	0.022	1.514	0.033	0.021		28.7
Body	NR Band n77	100	M4	1467M	1:1	-0.15	3930.00	662000	CW/SRS	14.0	13.75	Right	11	0.074	1.059	0.078	0.049		25.0
Body	NR Band n77	100	M4	1497M	1:1	0.06	3930.00	662000	CW/SRS	14.0	13.75	Left	0	0.000	1.059	0.000	0.000		53.7
ANSI/IEEE C63.1 1992 - SAFETY LIMIT												Body 1.6 W/kg (mW/g) averaged over 1 gram							
Spatial Peak Uncontrolled Exposure/General Population																			

Table 11-60
NR Band n77 Ant M4 Tablet ECI=3

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	NR Band n77	100	M4	1497M	1:1	0.04	3930.00	662000	CW/SRS	8.0	7.81	Back	0	N/A	0.132	1.045	0.138	0.086		16.6
Body	NR Band n77	100	M4	1497M	1:1	-0.06	3930.00	662000	CW/SRS	8.0	7.81	Top	0	N/A	0.076	1.045	0.079	0.049		19.0
Body	NR Band n77 DoD	100	M4	1497M	1:1	0.02	3500.01	633334	CW/SRS	8.0	6.25	Right	0	N/A	0.195	1.496	0.292	0.183		13.3
Body	NR Band n77	100	M4	1497M	1:1	0.06	3750.00	650000	CW/SRS	8.0	6.12	Right	0	N/A	0.317	1.542	0.489	0.306		11.1
Body	NR Band n77	100	M4	1497M	1:1	-0.02	3930.00	662000	CW/SRS	8.0	7.81	Right	0	N/A	0.613	1.045	0.641	0.401		9.9
Body	NR Band n77	100	M4	1497M	1:1	-0.09	3930.00	662000	CW/SRS	8.0	7.81	Right	0	Keyboard	0.316	1.045	0.330	0.206		12.8
ANSI/IEEE C63.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population															Body 1.6 W/kg (mW/g) averaged over 1 gram					

Table 11-61
NR Band n77 Ant M4 Laptop ECI=0

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]	
Body	NR Band n77 DoD	100	M4	1476M	1:1	0.02	3500.01	633334	CW/SRS	14.0	12.20	Bottom	0	0.000	1.514	0.000	0.000		52.2	
Body	NR Band n77	100	M4	1476M	1:1	0.09	3930.00	662000	CW/SRS	14.0	13.75	Bottom	0	0.000	1.059	0.000	0.000		53.7	
ANSI/IEEE C63.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population												Body 1.6 W/kg (mW/g) averaged over 1 gram								

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Table 11-62
NR Band n77 Ant S2 Tablet ECI=0/1/2/3/4/5

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]	Overall Plimit [dBm]				
Body	NR Band n77 DoD	100	S2	1497M	1:1	0.03	3500.01	633334	CW/SRS	8.5	7.08	Back	0	0.431	1.387	0.598	0.374		10.7	9.8				
Body	NR Band n77	100	S2	1497M	1:1	0.06	3750.00	650000	CW/SRS	8.5	7.62	Back	0	0.461	1.225	0.565	0.353		10.9					
Body	NR Band n77	100	S2	1497M	1:1	0.04	3930.00	662000	CW/SRS	8.5	8.19	Back	0	0.676	1.074	0.726	0.454		9.8					
Body	NR Band n77	100	S2	1497M	1:1	0.02	3930.00	662000	CW/SRS	8.5	8.19	Top	0	0.000	1.074	0.000	0.000		48.1					
Body	NR Band n77	100	S2	1497M	1:1	0.00	3930.00	662000	CW/SRS	8.5	8.19	Bottom	0	0.339	1.074	0.364	0.228		12.8					
Body	NR Band n77	100	S2	1497M	1:1	0.00	3930.00	662000	CW/SRS	8.5	8.19	Right	0	0.156	1.074	0.168	0.105		16.2					
Body	NR Band n77	100	S2	1497M	1:1	0.04	3930.00	662000	CW/SRS	8.5	8.19	Left	0	0.001	1.074	0.001	0.001		38.1					
ANSI/IEEE C95.1.1992 - SAFETY LIMIT													Body											
Spatial Peak													1.6 W/kg (mW/g)											
Uncontrolled Exposure/General Population													averaged over 1 gram											

Table 11-63
NR Band n77 Ant S2 Laptop ECI=0/1/2/3/4/5

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]	
Body	NR Band n77 DoD	100	S2	1476M	1:1	0.02	3500.01	633334	CW/SRS	8.5	7.08	Bottom	0	0.000	1.387	0.000	0.000		47.0	
Body	NR Band n77	100	S2	1476M	1:1	0.05	3930.00	662000	CW/SRS	8.5	8.19	Bottom	0	0.000	1.074	0.000	0.000		48.1	
ANSI/IEEE C95.1.1992 - SAFETY LIMIT										Body										
Spatial Peak										1.6 W/kg (mW/g)										
Uncontrolled Exposure/General Population										averaged over 1 gram										

Table 11-64
NR Band n77 Ant S3 Tablet ECI=0/1/2/3/4/5

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]
Body	NR Band n77 DoD	100	S3	1497M	1:1	0.02	3500.01	633334	CW/SRS	9.5	7.90	Back	0	N/A	0.425	1.445	0.614	0.384		11.6
Body	NR Band n77	100	S3	1497M	1:1	-0.10	3750.00	650000	CW/SRS	9.5	8.45	Back	0	Keyboard	0.054	1.274	0.069	0.043		21.1
Body	NR Band n77	100	S3	1497M	1:1	0.02	3750.00	650000	CW/SRS	9.5	8.45	Back	0	N/A	0.445	1.274	0.567	0.354		11.9
Body	NR Band n77	100	S3	1497M	1:1	0.01	3930.00	662000	CW/SRS	9.5	8.72	Back	0	N/A	0.391	1.197	0.468	0.293		12.7
Body	NR Band n77	100	S3	1497M	1:1	0.05	3930.00	662000	CW/SRS	9.5	8.72	Top	0	N/A	0.000	1.197	0.000	0.000		48.7
Body	NR Band n77	100	S3	1497M	1:1	0.05	3930.00	662000	CW/SRS	9.5	8.72	Bottom	0	N/A	0.184	1.197	0.220	0.138		16.0
Body	NR Band n77	100	S3	1497M	1:1	0.12	3930.00	662000	CW/SRS	9.5	8.72	Right	0	N/A	0.000	1.197	0.000	0.000		48.7
Body	NR Band n77	100	S3	1497M	1:1	-0.05	3930.00	662000	CW/SRS	9.5	8.72	Left	0	N/A	0.189	1.197	0.226	0.141		15.9
ANSI/IEEE C95.1.1992 - SAFETY LIMIT										Body										
Spatial Peak										1.6 W/kg (mW/g)										
Uncontrolled Exposure/General Population										averaged over 1 gram										

Table 11-65
NR Band n77 Ant S3 Laptop ECI=0/1/2/3/4/5 | Plot A32

Exposure	Band / Mode	Bandwidth [MHz]	Ant.	Serial Number	Duty Cycle	Power Drift [dB]	Frequency [MHz]	Channel #	Waveform	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #	Plimit [dBm]	
Body	NR Band n77 DoD	100	S3	1049M	1:1	0.03	3500.01	633334	CW/SRS	9.5	7.90	Bottom	0	0.011	1.445	0.016	0.010		27.4	
Body	NR Band n77	100	S3	1049M	1:1	0.05	3930.00	662000	CW/SRS	9.5	8.72	Bottom	0	0.043	1.197	0.051	0.032	Plot	22.3	
ANSI/IEEE C95.1.1992 - SAFETY LIMIT												Body								
Spatial Peak												1.6 W/kg (mW/g)								
Uncontrolled Exposure/General Population												averaged over 1 gram								

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Table 11-66
2.4 GHz WLAN Ant WIFI 0 Tablet Max Power

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz WiFi / IEEE 802.11b	22	DSSS	WiFi 0	1021M	97.90	-0.10	2462.00	11	1.0	19.0	18.67	Back	19	0.079	1.079	1.021	0.087	0.054	
Body	2.4 GHz WiFi / IEEE 802.11b	22	DSSS	WiFi 0	1021M	97.90	0.02	2462.00	11	1.0	19.0	18.67	Top	19	0.056	1.079	1.021	0.062	0.039	
Body	2.4 GHz WiFi / IEEE 802.11b	22	DSSS	WiFi 0	1021M	97.90	0.02	2462.00	11	1.0	19.0	18.67	Bottom	0	0.044	1.079	1.021	0.048	0.030	
Body	2.4 GHz WiFi / IEEE 802.11b	22	DSSS	WiFi 0	1021M	97.90	0.08	2462.00	11	1.0	19.0	18.67	Right	0	0.000	1.079	1.021	0.000	0.000	
Body	2.4 GHz WiFi / IEEE 802.11b	22	DSSS	WiFi 0	1021M	97.90	-0.08	2462.00	11	1.0	19.0	18.67	Left	11	0.199	1.079	1.021	0.219	0.137	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT													Body Spatial Peak Uncontrolled Exposure/General Population							1.6 W/kg (mW/g) averaged over 1 gram

Table 11-67
2.4 GHz WLAN Ant WIFI 0 Tablet with Grip Sensor Active

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	WiFi 0	1058M	97.90	0.01	2412.00	1	1.0	12.5	12.16	Back	0	N/A	0.734	1.081	1.021	0.810	0.506	
Body	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	WiFi 0	1058M	97.90	0.01	2437.00	6	1.0	12.5	12.05	Back	0	N/A	0.722	1.109	1.021	0.818	0.511	
Body	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	WiFi 0	1058M	97.90	0.07	2462.00	11	1.0	12.5	12.29	Back	0	N/A	0.741	1.050	1.021	0.794	0.496	
Body	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	WiFi 0	1058M	97.90	-0.06	2462.00	11	1.0	12.5	12.29	Top	0	N/A	0.772	1.050	1.021	0.782	0.183	
Body	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	WiFi 0	1020M	97.90	-0.01	2412.00	1	1.0	12.5	12.16	Left	0	N/A	0.809	1.081	1.021	0.893	0.558	
Body	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	WiFi 0	1058M	97.90	-0.01	2437.00	6	1.0	12.5	12.05	Left	0	N/A	0.764	1.109	1.021	0.865	0.541	
Body	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	WiFi 0	1020M	97.90	-0.03	2462.00	11	1.0	12.5	12.29	Left	0	N/A	0.835	1.050	1.021	0.895	0.559	
Body	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	WiFi 0	1020M	97.90	0.10	2462.00	11	1.0	12.5	12.29	Left	0	Keyboard	0.368	1.050	1.021	0.395	0.247	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT													Body Spatial Peak Uncontrolled Exposure/General Population								
													1.6 W/kg (mW/g) averaged over 1 gram								

Table 11-68
2.4 GHz WLAN Ant WIFI 0 Laptop Max Power

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz WiFi / IEEE 802.11b	22	DSSS	WiFi 0	1058M	97.90	-0.09	2462.00	11	1.0	19.0	18.67	Bottom	11	0.196	1.079	1.021	0.216	0.135	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT													Body Spatial Peak Uncontrolled Exposure/General Population							1.6 W/kg (mW/g) averaged over 1 gram

Table 11-69
2.4 GHz WLAN Ant WIFI 0 Laptop with Grip Sensor Active

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz WiFi / IEEE 802.11b	22	DSSS	WiFi 0	1041M	97.90	-0.04	2462.00	11	1.0	12.5	12.29	Bottom	0	0.309	1.050	1.021	0.331	0.207	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT													Body Spatial Peak Uncontrolled Exposure/General Population							1.6 W/kg (mW/g) averaged over 1 gram

Table 11-70
2.4 GHz WLAN Ant WIFI 1 Tablet Max Power

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz WiFi / IEEE 802.11b	22	DSSS	WiFi 1	1021M	97.90	0.09	2437.00	6	1.0	19.0	18.87	Back	19	0.070	1.030	1.021	0.074	0.046	
Body	2.4 GHz WiFi / IEEE 802.11b	22	DSSS	WiFi 1	1021M	97.90	-0.11	2437.00	6	1.0	19.0	18.87	Top	19	0.059	1.030	1.021	0.062	0.039	
Body	2.4 GHz WiFi / IEEE 802.11b	22	DSSS	WiFi 1	1021M	97.90	0.08	2437.00	6	1.0	19.0	18.87	Bottom	0	0.073	1.030	1.021	0.077	0.048	
Body	2.4 GHz WiFi / IEEE 802.11b	22	DSSS	WiFi 1	1021M	97.90	0.00	2437.00	6	1.0	19.0	18.87	Right	11	0.247	1.030	1.021	0.260	0.163	
Body	2.4 GHz WiFi / IEEE 802.11b	22	DSSS	WiFi 1	1021M	97.90	0.06	2437.00	6	1.0	19.0	18.87	Left	0	0.003	1.030	1.021	0.003	0.002	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT													Body Spatial Peak Uncontrolled Exposure/General Population							1.6 W/kg (mW/g) averaged over 1 gram

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Table 11-71
2.4 GHz WLAN Ant WIFI 1 Tablet with Grip Sensor Active

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz WIFU / IEEE 802.11b	22	DSSS	WIFI 1	1058M	97.90	-0.11	2437.00	6	1.0	12.5	12.37	Back	0	N/A	0.486	1.030	1.021	0.511	0.319	
Body	2.4 GHz WIFU / IEEE 802.11b	22	DSSS	WIFI 1	1058M	97.90	-0.02	2437.00	6	1.0	12.5	12.37	Top	0	N/A	0.279	1.030	1.021	0.299	0.183	
Body	2.4 GHz WIFU / IEEE 802.11b	22	DSSS	WIFI 1	1020M	97.90	-0.21	2412.00	1	1.0	12.5	12.30	Right	0	N/A	0.836	1.047	1.021	0.894	0.559	
Body	2.4 GHz WIFU / IEEE 802.11b	22	DSSS	WIFI 1	1020M	97.90	-0.02	2437.00	6	1.0	12.5	12.37	Right	0	Keyboard	0.641	1.030	1.021	0.674	0.421	
Body	2.4 GHz WIFU / IEEE 802.11b	22	DSSS	WIFI 1	1020M	97.90	-0.17	2437.00	6	1.0	12.5	12.37	Right	0	N/A	0.862	1.030	1.021	0.907	0.567	
Body	2.4 GHz WIFU / IEEE 802.11b	22	DSSS	WIFI 1	1020M	97.90	-0.18	2462.00	11	1.0	12.5	12.21	Right	0	N/A	0.749	1.009	1.021	0.817	0.511	
ANSI/IEEE C63.1-1992 - SAFETY LIMIT													Body								
Spatial Peak													1.6 W/kg (mW/g)								
Uncontrolled Exposure/General Population													averaged over 1 gram								

Table 11-72
2.4 GHz WLAN Ant WIFI 1 Tablet with 5 GHz WLAN Active

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	WIFI 1	1041M	97.90	0.01	2437.00	6	1.0	9.0	8.89	Back	0	0.240	1.026	1.021	0.251	0.157	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	WIFI 1	1041M	97.90	-0.02	2437.00	6	1.0	9.0	8.89	Right	0	0.422	1.026	1.021	0.442	0.276	
ANSI/IEEE C63.1-1992 - SAFETY LIMIT																Body				
Spatial Peak																1.6 W/kg (mW/g)				
Uncontrolled Exposure/General Population																averaged over 1 gram				

Table 11-73
2.4 GHz WLAN Ant WIFI 1 Laptop

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Laptop	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	WIFI 1	1021M	97.90	0.04	2437.00	6	1.0	19.0	18.87	Bottom	0	0.004	1.030	1.021	0.004	0.003	
ANSI/IEEE C63.1-1992 - SAFETY LIMIT																Body				
Spatial Peak																1.6 W/kg (mW/g)				
Uncontrolled Exposure/General Population																averaged over 1 gram				

11.18 2.4 GHz WLAN MIMO Standalone SAR

Table 11-74
2.4 GHz WLAN MIMO Tablet Max Power

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Peak Number	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	1	1021M	99.11	0.01	2462.00	11	1.0	19.0	18.54	19.0	18.57	Back	19	0.072	1.112	1.009	0.081	0.051	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	2	1021M	99.11	0.17	2462.00	11	1.0	19.0	18.54	19.0	18.57	Back	19	0.056	1.112	1.009	0.063	0.039	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	N/A	1021M	99.11	-0.13	2462.00	11	1.0	19.0	18.54	19.0	18.57	Top	19	0.094	1.112	1.009	0.105	0.066	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	N/A	1021M	99.11	-0.07	2462.00	11	1.0	19.0	18.54	19.0	18.57	Bottom	0	0.072	1.112	1.009	0.081	0.051	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	N/A	1021M	99.11	0.08	2462.00	11	1.0	19.0	18.54	19.0	18.57	Right	11	0.252	1.112	1.009	0.263	0.177	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	N/A	1021M	99.11	-0.02	2462.00	11	1.0	19.0	18.54	19.0	18.57	Left	11	0.194	1.112	1.009	0.218	0.136	
ANSI/IEEE C63.1-1992 - SAFETY LIMIT																Body							
Spatial Peak																1.6 W/kg (mW/g)							
Uncontrolled Exposure/General Population																averaged over 1 gram							

Note: To achieve the 22 dBm maximum allowed MIMO power shown in the documentation, each antenna transmits at a maximum allowed power of 19 dBm.

Table 11-75
2.4 GHz WLAN MIMO Tablet with Grip Sensor Active | Plot A33

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Peak Number	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	1	1035M	99.11	-0.02	2422.00	1	1.0	12.5	12.01	12.5	12.39	Back	0	N/A	0.737	1.119	1.009	0.832	0.520	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	1	1035M	99.11	0.00	2422.00	6	1.0	12.5	11.81	12.5	12.49	Back	0	N/A	0.896	1.227	1.009	0.742	0.464	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	1	1058M	99.11	0.07	2462.00	11	1.0	12.5	12.12	12.5	12.49	Back	0	N/A	0.765	1.091	1.009	0.842	0.526	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	2	1058M	99.11	0.03	2462.00	11	1.0	12.5	12.12	12.5	12.49	Back	0	N/A	0.470	1.091	1.009	0.517	0.323	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	N/A	1026M	99.11	-0.05	2462.00	11	1.0	12.5	12.12	12.5	12.49	Top	0	N/A	0.307	1.091	1.009	0.318	0.211	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	N/A	1026M	99.11	0.10	2422.00	1	1.0	12.5	12.01	12.5	12.39	Right	0	N/A	0.903	1.119	1.009	1.020	0.638	Plot
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	N/A	1026M	99.11	0.00	2422.00	1	1.0	12.5	12.01	12.5	12.39	Right	0	Keyboard	0.614	1.119	1.009	0.716	0.448	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	N/A	1026M	99.11	-0.11	2422.00	1	1.0	12.5	12.01	12.5	12.39	Right	0	N/A	0.789	1.119	1.009	0.908	0.565	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	N/A	1026M	99.11	-0.12	2437.00	6	1.0	12.5	11.81	12.5	12.43	Right	0	N/A	0.782	1.227	1.009	0.968	0.601	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	N/A	1026M	99.11	-0.18	2462.00	11	1.0	12.5	12.12	12.5	12.49	Right	0	N/A	0.818	1.091	1.009	0.922	0.576	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	N/A	1026M	99.11	0.09	2422.00	1	1.0	12.5	12.01	12.5	12.39	Left	0	N/A	0.778	1.119	1.009	0.878	0.549	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	N/A	1026M	99.11	-0.08	2437.00	6	1.0	12.5	11.81	12.5	12.43	Left	0	N/A	0.660	1.227	1.009	0.817	0.511	
Body	2.4 GHz WIF/ IEEE 802.11b	22	DSSS	MIMO	N/A	1026M	99.11	0.01	2462.00	11	1.0	12.5	12.12	12.5	12.49	Left	0	N/A	0.821	1.091	1.009	0.904	0.565	
ANSI/IEEE C63.1-1992 - SAFETY LIMIT																Body								
Spatial Peak																1.6 W/kg (mW/g)								
Uncontrolled Exposure/General Population																averaged over 1 gram								

Note: Blue entry represents variability measurement

Note: To achieve the 15.5 dBm maximum allowed MIMO power shown in the documentation, each antenna transmits at a maximum allowed power of 12.5 dBm.

Table 11-76
2.4 GHz WLAN MIMO Tablet with 5/6 GHz WLAN Active

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Peak Number	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz WiFi/ IEEE 802.11b	22	DSSS	MIMO	N/A	1041M	99.11	0.00	2462.00	11	1.0	9.0	8.60	9.0	8.87	Right	0	0.430	1.096	1.009	0.476	0.298	
ANSI/IEEE C63.1-1992 - SAFETY LIMIT																Body							
Spatial Peak																1.6 W/kg (mW/g)							
Uncontrolled Exposure/General Population																averaged over 1 gram							

Note: To achieve the 12 dBm maximum allowed MIMO power shown in the documentation, each antenna transmits at a maximum allowed power of 9 dBm.

FCC ID: A3LSMX736B	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
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03/30/2022

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Table 11-77
2.4 GHz WLAN MIMO Laptop Max power

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz WiFi / IEEE 802.11b	22	DSSS	MIMO	1058M	99.11	0.03	2462.00	11	1.0	19.0	18.54	19.0	18.57	Bottom	11	0.224	1.122	1.009	0.251	0.157	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																	Body 1.6 W/kg (mW/g) averaged over 1 gram					

Note: To achieve the 22 dBm maximum allowed MIMO power shown in the documentation, each antenna transmits at a maximum allowed power of 19 dBm.

Table 11-78
2.4 GHz WLAN MIMO Laptop with Grip Sensor Active | Plot A34

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz WiFi / IEEE 802.11b	22	DSSS	MIMO	1041M	99.11	0.01	2462.00	11	1.0	12.5	12.12	12.5	12.49	Bottom	0	0.314	1.091	1.009	0.346	0.216	Plot
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																	Body 1.6 W/kg (mW/g) averaged over 1 gram					

Note: To achieve the 15.5 dBm maximum allowed MIMO power shown in the documentation, each antenna transmits at a maximum allowed power of 12.5 dBm.

11.19 5 GHz WLAN SISO Standalone SAR

Table 11-79
5 GHz WLAN Ant WIFI 0 Tablet Max Power

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	U-NII band	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	97.48	0.01	5320.00	64	U-NII-2A	6.0	18.0	17.99	Back	19	0.077	1.002	1.026	0.079	0.049	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	97.48	0.01	5720.00	144	U-NII-2C	6.0	18.0	17.96	Back	19	0.080	1.009	1.026	0.093	0.058	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	98.36	0.07	5775.00	155	U-NII-3	29.3	15.0	14.80	Back	19	0.086	1.047	1.017	0.104	0.065	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	97.48	0.01	5845.00	169	U-NII-4	6.0	18.0	17.88	Back	19	0.090	1.028	1.026	0.095	0.059	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	97.48	0.06	5320.00	64	U-NII-2A	6.0	18.0	17.99	Top	19	0.062	1.002	1.026	0.064	0.040	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	97.48	0.01	5720.00	144	U-NII-2C	6.0	18.0	17.96	Top	19	0.084	1.009	1.026	0.087	0.054	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	98.36	0.01	5775.00	155	U-NII-3	29.3	15.0	14.80	Top	19	0.070	1.047	1.017	0.075	0.047	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	97.48	0.01	5845.00	169	U-NII-4	6.0	18.0	17.88	Top	19	0.069	1.028	1.026	0.073	0.046	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	97.48	0.01	5320.00	64	U-NII-2A	6.0	18.0	17.99	Bottom	0	0.052	1.002	1.026	0.053	0.033	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	97.48	0.06	5720.00	144	U-NII-2C	6.0	18.0	17.96	Bottom	0	0.060	1.009	1.026	0.062	0.039	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	98.36	0.04	5775.00	155	U-NII-3	29.3	15.0	14.80	Bottom	0	0.059	1.047	1.017	0.062	0.036	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	97.48	0.01	5845.00	169	U-NII-4	6.0	18.0	17.88	Bottom	0	0.054	1.028	1.026	0.057	0.036	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	97.48	0.08	5320.00	64	U-NII-2A	6.0	18.0	17.99	Right	0	0.004	1.002	1.026	0.004	0.003	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	97.48	0.01	5720.00	144	U-NII-2C	6.0	18.0	17.96	Right	0	0.002	1.009	1.026	0.002	0.001	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	98.36	0.01	5775.00	155	U-NII-3	29.3	15.0	14.80	Right	0	0.002	1.047	1.017	0.002	0.001	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	97.48	0.01	5845.00	169	U-NII-4	6.0	18.0	17.88	Right	0	0.005	1.028	1.026	0.005	0.003	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	97.48	0.05	5320.00	64	U-NII-2A	6.0	18.0	17.99	Left	11	0.341	1.002	1.026	0.351	0.219	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	97.48	0.17	5720.00	144	U-NII-2C	6.0	18.0	17.96	Left	11	0.483	1.009	1.026	0.508	0.313	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	98.36	0.04	5775.00	155	U-NII-3	29.3	15.0	14.80	Left	11	0.468	1.047	1.017	0.498	0.311	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1035M	97.48	-0.11	5845.00	169	U-NII-4	6.0	18.0	17.88	Left	11	0.477	1.028	1.026	0.503	0.314	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT																	Body 1.6 W/kg (mW/g) averaged over 1 gram				
Uncontrolled Exposure/General Population																					

Table 11-80
5 GHz WLAN Ant WIFI 0 Tablet with Grip Sensor Active

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	U-NII band	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l info	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	5 GHz WiFi / IEEE 802.11a	80	OFDM	WiFi 0	1035M	98.36	0.08	5290.00	58	U-NII-2A	29.3	8.0	7.75	Back	0	N/A	0.495	1.059	1.017	0.533	0.333	
Body	5 GHz WiFi / IEEE 802.11a	80	OFDM	WiFi 0	1035M	98.36	0.03	5690.00	138	U-NII-2C	29.3	8.0	7.95	Back	0	N/A	0.707	1.012	1.017	0.728	0.455	
Body	5 GHz WiFi / IEEE 802.11a	80	OFDM	WiFi 0	1035M	98.36	0.08	5775.00	155	U-NII-3	29.3	8.0	7.68	Back	0	N/A	0.678	1.076	1.017	0.742	0.464	
Body	5 GHz WiFi / IEEE 802.11a	80	OFDM	WiFi 0	1035M	98.36	-0.10	5855.00	171	U-NII-4	29.3	8.0	7.91	Back	0	N/A	0.830	1.021	1.017	0.862	0.539	
Body	5 GHz WiFi / IEEE 802.11a	80	OFDM	WiFi 0	1035M	98.36	0.05	5855.00	171	U-NII-4	29.3	8.0	7.91	Back	0	Keyboard	0.854	1.021	1.017	0.885	0.522	
Body	5 GHz WiFi / IEEE 802.11a	80	OFDM	WiFi 0	1035M	98.36	0.08	5290.00	58	U-NII-2A	29.3	8.0	7.75	Top	0	N/A	0.669	1.059	1.017	0.674	0.406	
Body	5 GHz WiFi / IEEE 802.11a	80	OFDM	WiFi 0	1035M	98.36	0.05	5690.00	138	U-NII-2C	29.3	8.0	7.95	Top	0	N/A	0.689	1.012	1.017	0.701	0.444	
Body	5 GHz WiFi / IEEE 802.11a	80	OFDM	WiFi 0	1035M	98.36	0.06	5775.00	155	U-NII-3	29.3	8.0	7.68	Top	0	N/A	0.650	1.076	1.017	0.655	0.394	
Body	5 GHz WiFi / IEEE 802.11a	80	OFDM	WiFi 0	1035M	98.36	0.05	5855.00	171	U-NII-4	29.3	8.0	7.91	Top	0	N/A	0.657	1.021	1.017	0.659	0.397	
Body	5 GHz WiFi / IEEE 802.11a	80	OFDM	WiFi 0	1035M	98.36	0.06	5290.00	58	U-NII-2A	29.3	8.0	7.75	Left	0	N/A	0.390	1.059	1.017	0.420	0.269	
Body	5 GHz WiFi / IEEE 802.11a	80	OFDM	WiFi 0	1035M	98.36	0.07	5330.00	106	U-NII-2C	29.3	8.0	7.84	Left	0	N/A	0.634	1.164	1.017	0.723	0.469	
Body	5 GHz WiFi / IEEE 802.11a	80	OFDM	WiFi 0	1035M	98.36	0.02	5610.00	122	U-NII-2C	29.3	8.0	7.47	Left	0	N/A	0.627	1.130	1.017	0.721	0.451	
Body	5 GHz WiFi / IEEE 802.11a	80	OFDM	WiFi 0	1035M	98.36	0.04	5690.00	138	U-NII-2C	29.3	8.0	7.95	Left	0	N/A	0.823	1.012	1.017	0.847	0.529	
Body	5 GHz WiFi / IEEE 802.11a	80	OFDM	WiFi 0	1035M	98.36	0.05	5775.00	155	U-NII-3	29.3	8.0	7.68	Left	0	N/A	0.550	1.076	1.017	0.602	0.376	
Body	5 GHz WiFi / IEEE 802.11a	80	OFDM	WiFi 0	1035M	98.36	0.01	5855.00	171	U-NII-4	29.3	8.0	7.91	Left	0	N/A	0.661	1.021	1.017	0.689	0.429	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																	Body 1.6 W/kg (mW/g) averaged over 1 gram					

Note: Blue entry represents variability measurement

Table 11-81
5 GHz WLAN Ant WIFI 0 Laptop Max Power

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	U-NII band	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1026M	97.48	-0.10	5320.00	64	U-NII-2A	6.0	18.0	17.99	Bottom	11	0.110	1.002	1.026	0.113	0.071	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1026M	97.48	-0.08	5720.00	144	U-NII-2C	6.0	18.0	17.96	Bottom	11	0.092	1.009	1.026	0.095	0.059	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1026M	98.36	-0.04	5775.00	155	U-NII-3	29.3	15.0	14.80	Bottom	11	0.105	1.047	1.017	0.112	0.070	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WiFi 0	1026M	97.48	-0.10	5845.00	169	U-NII-4	6.0	18.0	17.88	Bottom	11	0.130	1.028	1.026	0.200	0.125	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT																	Body				
Spatial Peak																	1.6 W/kg (mW/g)				
Uncontrolled Exposure/General Population																	averaged over 1 gram				

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Table 11-82
5 GHz WLAN Ant WIFI 0 Laptop with Grip Sensor Active | Plot A36

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	U-NII band	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio [1g SAR]	Plot #
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 0	1021M	98.36	-0.03	5290.00	58	U-NII-2A	29.3	8.0	7.75	Bottom	0	0.080	1.059	1.017	0.065	0.041	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 0	1021M	98.36	0.00	5690.00	138	U-NII-2C	29.3	8.0	7.95	Bottom	0	0.105	1.012	1.017	0.108	0.088	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 0	1021M	98.36	0.10	5775.00	155	U-NII-3	29.3	8.0	7.68	Bottom	0	0.177	1.076	1.017	0.194	0.121	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 0	1021M	98.36	-0.15	5855.00	171	U-NII-4	29.3	8.0	7.91	Bottom	0	0.213	1.021	1.017	0.221	0.138	Plot
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population														Body 1.6 W/kg (mW/g) averaged over 1 gram							

Table 11-83
5 GHz WLAN Ant WIFI 1 Tablet Max Power

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	U-NII band	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio [1g SAR]	Plot #
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WIFI 1	1035M	97.48	0.06	5300.00	60	U-NII-2A	6.0	18.0	17.50	Back	19	0.078	1.122	1.026	0.090	0.056	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WIFI 1	1305M	97.48	0.01	5500.00	100	U-NII-2C	6.0	18.0	17.82	Back	19	0.093	1.042	1.026	0.099	0.062	
Body	5 GHz WiFi / IEEE 802.11a	80	OFDM	WIFI 1	1035M	98.36	0.01	5775.00	155	U-NII-3	29.3	15.0	14.82	Back	19	0.081	1.042	1.017	0.086	0.054	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WIFI 1	1035M	97.48	0.09	5885.00	177	U-NII-4	6.0	18.0	17.42	Back	19	0.063	1.143	1.026	0.074	0.046	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WIFI 1	1035M	97.48	0.06	5300.00	60	U-NII-2A	6.0	18.0	17.50	Top	19	0.115	1.122	1.026	0.132	0.083	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WIFI 1	1305M	97.48	0.20	5500.00	100	U-NII-2C	6.0	18.0	17.82	Top	19	0.102	1.042	1.026	0.109	0.068	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.04	5775.00	155	U-NII-3	29.3	15.0	14.82	Top	19	0.088	1.042	1.017	0.088	0.055	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WIFI 1	1035M	97.48	0.06	5885.00	177	U-NII-4	6.0	18.0	17.42	Top	19	0.086	1.143	1.026	0.101	0.063	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WIFI 1	1035M	97.48	0.01	5300.00	60	U-NII-2A	6.0	18.0	17.50	Bottom	0	0.084	1.122	1.026	0.097	0.061	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WIFI 1	1305M	97.48	0.07	5500.00	100	U-NII-2C	6.0	18.0	17.82	Bottom	0	0.103	1.042	1.026	0.110	0.069	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.09	5775.00	155	U-NII-3	29.3	15.0	14.82	Bottom	0	0.099	1.042	1.017	0.105	0.066	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WIFI 1	1035M	97.48	0.01	5885.00	177	U-NII-4	6.0	18.0	17.42	Bottom	0	0.097	1.143	1.026	0.114	0.071	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WIFI 1	1497M	97.48	-0.06	5300.00	60	U-NII-2A	6.0	18.0	17.50	Right	11	0.489	1.122	1.026	0.563	0.352	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WIFI 1	1497M	97.48	0.01	5500.00	100	U-NII-2C	6.0	18.0	17.82	Right	11	0.654	1.042	1.026	0.699	0.437	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	-0.02	5775.00	155	U-NII-3	29.3	15.0	14.82	Right	11	0.535	1.042	1.017	0.567	0.354	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WIFI 1	1497M	97.48	0.04	5885.00	177	U-NII-4	6.0	18.0	17.42	Right	11	0.523	1.143	1.026	0.613	0.383	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WIFI 1	1035M	97.48	0.01	5300.00	60	U-NII-2A	6.0	18.0	17.50	Left	0	0.050	1.122	1.026	0.058	0.036	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WIFI 1	1305M	97.48	0.08	5500.00	100	U-NII-2C	6.0	18.0	17.82	Left	0	0.041	1.042	1.026	0.044	0.028	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.01	5775.00	155	U-NII-3	29.3	15.0	14.82	Left	0	0.107	1.042	1.017	0.113	0.071	
Body	5 GHz WiFi / IEEE 802.11a	20	OFDM	WIFI 1	1035M	97.48	0.01	5885.00	177	U-NII-4	6.0	18.0	17.42	Left	0	0.051	1.143	1.026	0.060	0.038	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population														Body 1.6 W/kg (mW/g) averaged over 1 gram							

Table 11-84
5 GHz WLAN Ant WIFI 1 Tablet with Grip Sensor Active | Plot A35

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	U-NII band	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.06	5290.00	58	U-NII-2A	29.3	8.0	7.27	Back	0	N/A	0.349	1.183	1.017	0.420	0.263	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.02	5610.00	122	U-NII-3	29.3	8.0	7.92	Back	0	N/A	0.545	1.018	1.017	0.605	0.353	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.05	5775.00	155	U-NII-3	29.3	8.0	7.40	Back	0	N/A	0.390	1.148	1.017	0.455	0.284	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.01	5855.00	171	U-NII-4	29.3	8.0	7.12	Back	0	N/A	0.352	1.225	1.017	0.439	0.274	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.06	5290.00	58	U-NII-2A	29.3	8.0	7.27	Top	0	N/A	0.156	1.183	1.017	0.188	0.118	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.06	5610.00	122	U-NII-2C	29.3	8.0	7.92	Top	0	N/A	0.155	1.019	1.017	0.161	0.101	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.07	5775.00	155	U-NII-3	29.3	8.0	7.40	Top	0	N/A	0.054	1.148	1.017	0.063	0.039	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.01	5855.00	171	U-NII-4	29.3	8.0	7.12	Top	0	N/A	0.043	1.225	1.017	0.054	0.034	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	-0.04	5290.00	58	U-NII-2A	29.3	8.0	7.27	Right	0	N/A	0.623	1.183	1.017	0.750	0.469	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.02	5510.00	106	U-NII-2C	29.3	8.0	7.42	Right	0	N/A	0.856	1.143	1.017	0.995	0.622	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.02	5610.00	122	U-NII-2C	29.3	8.0	7.92	Right	0	N/A	0.965	1.019	1.017	1.000	0.625	Plot
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.00	5610.00	122	U-NII-2C	29.3	8.0	7.92	Right	0	Keyboard	0.462	1.019	1.017	0.479	0.299	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.17	5610.00	122	U-NII-2C	29.3	8.0	7.92	Right	0	N/A	0.530	1.019	1.017	0.563	0.603	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.05	5690.00	138	U-NII-2C	29.3	8.0	7.16	Right	0	N/A	0.776	1.107	1.017	0.874	0.546	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.05	5775.00	155	U-NII-3	29.3	8.0	7.40	Right	0	N/A	0.354	1.148	1.017	0.623	0.389	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1035M	98.36	0.08	5855.00	171	U-NII-4	29.3	8.0	7.12	Right	0	N/A	0.479	1.225	1.017	0.586	0.366	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population														Body 1.6 W/kg (mW/g) averaged over 1 gram								

Note: Blue entry represents variability measurement

Table 11-85
5 GHz WLAN Ant WIFI 1 Tablet with 2.4 GHz WLAN Active

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	U-NII band	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio [1g SAR]	Plot #
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1026M	98.36	0.09	5290.00	58	U-NII-2A	29.3	5.0	4.40	Right	0	0.303	1.348	1.017	0.354	0.221	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1026M	98.36	-0.10	5610.00	122	U-NII-2C	29.3	5.0	4.40	Right	0	0.308	1.096	1.017	0.444	0.278	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1026M	98.36	0.03	5775.00	155	U-NII-3	29.3	5.0	4.99	Right	0	0.285	1.002	1.017	0.290	0.181	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	WIFI 1	1026M	98.36	-0.01	5855.00	171	U-NII-4	29.3	5.0	4.63	Right	0	0.223	1.089	1.017	0.247	0.154	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population														Body 1.6 W/kg (mW/g) averaged over 1 gram							

Table 11-86
5 GHz WLAN Ant WIFI 1 Laptop

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	U-NII band	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio [1g SAR]	Plot #
Body	5 GHz WiFi/ IEEE 802.11a	20	OFDM	WIFI 1	1026M	97.48	0.02	5300.00	60	U-NII-2A	6.0	18.0	17.50	Bottom	0	0.020	1.122	1.026	0.023	0.014	
Body	5 GHz WiFi/ IEEE 802.11a	20	OFDM	WIFI 1	1026M	97.48	0.01	5500.00	100	U-NII-2C	6.0	18.0	17.82	Bottom	0	0.023	1.042	1.026	0.025	0.016	
Body	5 GHz WiFi/ IEEE 802.11ac	80	OFDM	WIFI 1	1026M	98.36	0.05	5775.00	155	U-NII-3	29.3	15.0	14.82	Bottom	0	0.016	1.042	1.017	0.017	0.011	
Body	5 GHz WiFi/ IEEE 802.11a	20	OFDM	WIFI 1	1026M	97.48	0.07	5885.00	177	U-NII-4	6.0	18.0	17.42	Bottom	0	0.009	1.343	1.026	0.011	0.007	
ANSI/IEEE C95.1-1992 - SAFETY LIMIT																					
Spatial Peak																					
Uncontrolled Exposure/General Population																	Body 1.6 W/kg (mW/g) averaged over 1 gram				

11.20 5 GHz WLAN MIMO Standalone SAR

Table 11-87
5 GHz WLAN MIMO Tablet Max Power

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Peak Number	Serial Number	Duty Cycle [%]	Power Dfth [dB]	Frequency [MHz]	Channel #	U-NI band	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	1	1021M	98.35	-0.04	5300.00	50	U-NI-2A	5.0	18.0	17.87	18.0	17.67	Back	19	N/A	0.853	1.079	1.017	0.058	0.036	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	2	1021M	98.35	-0.09	5300.00	50	U-NI-2A	6.0	18.0	17.87	18.0	17.67	Back	19	N/A	0.860	1.079	1.017	0.066	0.041	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	1	1021M	98.35	-0.03	5500.00	100	U-NI-2C	6.0	18.0	17.84	18.0	17.60	Back	19	N/A	0.829	1.047	1.017	0.133	0.083	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	2	1021M	98.35	-0.01	5500.00	100	U-NI-2C	6.0	18.0	17.84	18.0	17.60	Back	19	N/A	0.864	1.047	1.017	0.080	0.056	
Body	5 GHz WFI/ IEEE 802.11a	80	OFDM	MIMO	1	1035M	98.57	-0.03	5775.00	155	U-NI-3	58.5	15.0	14.80	15.0	14.83	Back	19	N/A	0.887	1.047	1.015	0.092	0.058	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	2	1035M	98.57	-0.09	5775.00	155	U-NI-3	58.5	15.0	14.80	15.0	14.83	Back	19	N/A	0.872	1.047	1.015	0.077	0.048	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	1	1035M	98.35	-0.01	5865.00	173	U-NI-4	6.0	18.0	17.82	18.0	17.63	Back	19	N/A	0.897	1.089	1.017	0.107	0.067	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	2	1035M	98.35	-0.07	5865.00	173	U-NI-4	6.0	18.0	17.82	18.0	17.63	Back	19	N/A	0.893	1.089	1.017	0.083	0.059	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	N/A	1035M	98.35	-0.03	5500.00	100	U-NI-2C	6.0	18.0	17.84	18.0	17.60	Top	19	N/A	0.821	1.079	1.017	0.133	0.083	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	N/A	1035M	98.35	-0.03	5500.00	100	U-NI-2C	6.0	18.0	17.84	18.0	17.60	Top	19	N/A	0.864	1.047	1.017	0.124	0.078	
Body	5 GHz WFI/ IEEE 802.11a	80	OFDM	MIMO	N/A	1035M	98.57	-0.05	5775.00	155	U-NI-3	58.5	15.0	14.80	15.0	14.83	Top	19	N/A	0.888	1.047	1.015	0.094	0.059	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	N/A	1035M	98.35	-0.06	5865.00	173	U-NI-4	6.0	18.0	17.82	18.0	17.63	Top	19	N/A	0.889	1.089	1.017	0.080	0.056	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	N/A	1035M	98.35	-0.02	5300.00	50	U-NI-2A	6.0	18.0	17.87	18.0	17.67	Bottom	0	N/A	0.851	1.079	1.017	0.111	0.069	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	N/A	1035M	98.35	-0.02	5500.00	100	U-NI-2C	6.0	18.0	17.84	18.0	17.60	Bottom	0	N/A	0.868	1.047	1.017	0.115	0.072	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1035M	98.57	-0.06	5775.00	155	U-NI-3	58.5	15.0	14.80	15.0	14.83	Bottom	0	N/A	0.883	1.047	1.015	0.088	0.055	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	N/A	1035M	98.35	-0.01	5865.00	173	U-NI-4	6.0	18.0	17.82	18.0	17.63	Bottom	0	N/A	0.877	1.089	1.017	0.085	0.053	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	N/A	1487M	98.35	-0.01	5300.00	50	U-NI-2A	6.0	18.0	17.87	18.0	17.67	Right	11	N/A	0.821	1.079	1.017	0.172	0.088	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	N/A	1487M	98.35	-0.10	5500.00	100	U-NI-2C	6.0	18.0	17.84	18.0	17.60	Right	11	N/A	0.882	1.047	1.017	0.176	0.054	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	N/A	1020M	98.35	-0.07	5500.00	100	U-NI-2C	6.0	18.0	17.84	18.0	17.60	Right	11	Keyboard	0.867	1.047	1.017	0.240	0.098	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1487M	98.57	-0.05	5775.00	155	U-NI-3	58.5	15.0	14.80	15.0	14.83	Right	11	N/A	0.862	1.047	1.015	0.197	0.073	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	N/A	1487M	98.35	-0.07	5865.00	173	U-NI-4	6.0	18.0	17.82	18.0	17.63	Right	11	N/A	0.840	1.089	1.017	0.198	0.074	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	N/A	1035M	98.35	-0.03	5500.00	60	U-NI-2A	6.0	18.0	17.87	18.0	17.67	Left	11	N/A	0.847	1.079	1.017	0.371	0.169	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	N/A	1035M	98.35	-0.03	5500.00	100	U-NI-2C	6.0	18.0	17.84	18.0	17.60	Left	11	N/A	0.854	1.047	1.017	0.377	0.236	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1035M	98.57	-0.07	5775.00	155	U-NI-3	58.5	15.0	14.80	15.0	14.83	Left	11	N/A	0.823	1.047	1.015	0.343	0.214	
Body	5 GHz WFI/ IEEE 802.11a	20	OFDM	MIMO	N/A	1035M	98.35	-0.02	5865.00	173	U-NI-4	6.0	18.0	17.82	18.0	17.63	Left	11	N/A	0.814	1.089	1.017	0.400	0.287	

ANSI/IEEE C95.1-1992 - SAFETY LIMIT
Spatial Peak
Uncontrolled Exposure/General Population

Note: To achieve the 21 dBm maximum allowed MIMO power shown in the documentation, each antenna transmits at a maximum allowed power of 18 dBm.

Table 11-88
5 GHz WLAN MIMO Tablet with Grip Sensor Active

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Peak Number	Serial Number	Duty Cycle [%]	Power Dfth [dB]	Frequency [MHz]	Channel #	U-NI band	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	1	1035M	98.57	-0.09	5290.00	58	U-NI-2A	58.5	8.0	7.81	8.0	7.05	Back	0	N/A	0.494	1.245	1.015	0.624	0.390	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	2	1035M	98.57	-0.03	5290.00	58	U-NI-2A	58.5	8.0	7.81	8.0	7.05	Back	0	N/A	0.539	1.245	1.015	0.428	0.268	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	1	1035M	98.57	-0.09	5690.00	138	U-NI-2C	58.5	8.0	7.88	8.0	7.89	Back	0	N/A	0.743	1.026	1.015	0.774	0.484	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	2	1035M	98.57	-0.04	5690.00	138	U-NI-2C	58.5	8.0	7.88	8.0	7.89	Back	0	N/A	0.556	1.026	1.015	0.579	0.352	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	1	1035M	98.57	-0.05	5775.00	155	U-NI-3	58.5	8.0	7.71	8.0	7.41	Back	0	N/A	0.500	1.146	1.015	0.582	0.364	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	2	1035M	98.57	-0.05	5775.00	155	U-NI-3	58.5	8.0	7.71	8.0	7.41	Back	0	N/A	0.494	1.146	1.015	0.444	0.278	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	1	1035M	98.57	-0.09	5855.00	171	U-NI-4	58.5	8.0	7.66	8.0	7.11	Back	0	N/A	0.540	1.227	1.015	0.423	0.254	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	2	1035M	98.57	-0.05	5855.00	171	U-NI-4	58.5	8.0	7.66	8.0	7.11	Back	0	N/A	0.480	1.227	1.015	0.349	0.218	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1035M	98.57	-0.06	5290.00	58	U-NI-2A	58.5	8.0	7.81	8.0	7.05	Top	0	N/A	0.445	1.245	1.015	0.183	0.114	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1035M	98.57	-0.01	5690.00	138	U-NI-2C	58.5	8.0	7.88	8.0	7.89	Top	0	N/A	0.511	1.026	1.015	0.116	0.073	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1035M	98.57	-0.01	5775.00	155	U-NI-3	58.5	8.0	7.71	8.0	7.41	Top	0	N/A	0.478	1.146	1.015	0.091	0.057	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1035M	98.57	-0.07	5855.00	171	U-NI-4	58.5	8.0	7.66	8.0	7.11	Top	0	N/A	0.493	1.227	1.015	0.054	0.034	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1487M	98.57	-0.08	5290.00	58	U-NI-2A	58.5	8.0	7.81	8.0	7.05	Right	0	N/A	0.507	1.245	1.015	0.641	0.401	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1487M	98.57	-0.08	5690.00	138	U-NI-2C	58.5	8.0	7.88	8.0	7.89	Right	0	N/A	0.517	1.026	1.015	0.509	0.349	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1035M	98.57	-0.01	5775.00	155	U-NI-3	58.5	8.0	7.71	8.0	7.41	Right	0	N/A	0.462	1.146	1.015	0.654	0.409	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1035M	98.57	-0.06	5855.00	171	U-NI-4	58.5	8.0	7.66	8.0	7.11	Right	0	N/A	0.482	1.227	1.015	0.600	0.375	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1487M	98.57	-0.18	5290.00	58	U-NI-2A	58.5	8.0	7.81	8.0	7.05	Left	0	N/A	0.513	1.245	1.015	0.191	0.119	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1487M	98.57	-0.05	5690.00	138	U-NI-2C	58.5	8.0	7.88	8.0	7.89	Left	0	N/A	0.490	1.026	1.015	0.229	0.143	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1487M	98.57	-0.01	5775.00	155	U-NI-3	58.5	8.0	7.71	8.0	7.41	Left	0	N/A	0.513	1.146	1.015	0.364	0.228	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1487M	98.57	-0.06	5855.00	171	U-NI-4	58.5	8.0	7.66	8.0	7.11	Left	0	N/A	0.515	1.227	1.015	0.641	0.401	

ANSI/IEEE C95.1-1992 - SAFETY LIMIT
Spatial Peak
Uncontrolled Exposure/General Population

Note: To achieve the 11 dBm maximum allowed MIMO power shown in the documentation, each antenna transmits at a maximum allowed power of 8 dBm.

Table 11-89
5 GHz WLAN MIMO Tablet with 2.4 GHz WLAN Active

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Peak Number	Serial Number	Duty Cycle [%]	Power Dfth [dB]	Frequency [MHz]	Channel #	U-NI band	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	1	1026M	98.57	-0.08	5290.00	58	U-NI-2A	58.5	5.0	4.52	5.0	4.50	Back	0	0.065	1.122	1.015	0.074	0.046	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	2	1026M	98.57	-0.07	5290.00	58	U-NI-2A	58.5	5.0	4.52	5.0	4.50	Back	0	0.134	1.122	1.015	0.198	0.124	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1027M	98.57	-0.08	5690.00	118	U-NI-2C	58.5	5.0	4.88	5.0	4.88	Right	0	0.101	1.028	1.015	0.107	0.066	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	2	1037M	98.57	-0.05	5690.00	118	U-NI-2C	58.5	5.0	4.88	5.0	4.99	Back	0	0.063	1.028	1.015	0.262	0.164	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1037M	98.57	-0.05	5775.00	118	U-NI-3	58.5	5.0	4.88	5.0	4.99	Left	0	0.069	1.028	1.015	0.059	0.059	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	2	1026M	98.57	-0.07	5775.00	118	U-NI-3	58.5	5.0	4.88	5.0	4.95	Back	0	0.231	1.028	1.015	0.242	0.151	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	1	1026M	98.57	-0.02	5855.00	172	U-NI-4A	58.5	5.0	4.68	5.0	4.80	Back	0	0.201	1.076	1.015	0.220	0.148	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1026M	98.57	-0.02	5855.00	172	U-NI-4A	58.5	5.0	4.68	5.0	4.80	Right	0	0.126	1.076	1.015	0.126	0.127	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1026M	98.57	-0.01	5290.00	58	U-NI-2A	58.5	5.0	4.52	5.0	4.50	Right	0	0.248	1.122	1.015	0.296	0.238	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1037M	98.57	-0.02	5690.00	118	U-NI-2C	58.5	5.0	4.88	5.0	4.89	Right	0	0.208	1.028	1.015	0.221	0.201	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1037M	98.57	-0.02	5775.00	118	U-NI-3	58.5	5.0	4.88	5.0	4.99	Right	0	0.159	1.028	1.015	0.161	0.171	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	98.57	1026M	98.57	-0.08	5855.00	172	U-NI-4A	58.5	5.0	4.68	5.0	4.80	Left	0	0.247	1.076	1.015	0.270	0.169	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1026M	98.57	-0.08	5690.00	118	U-NI-2C	58.5	5.0	4.88	5.0	4.88	Left	0	0.146	1.028	1.015	0.146	0.146	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1026M	98.57	-0.01	5690.00	118	U-NI-2C	58.5	5.0	4.88	5.0	4.99	Left	0	0.276	1.028	1.015	0.288	0.189	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1026M	98.57	-0.02	5775.00	118	U-NI-3	58.5	5.0	4.88	5.0	4.95	Left	0	0.295	1.028	1.015	0.336	0.210	
Body	5 GHz WFI/ IEEE 802.11ac	80	OFDM	MIMO	N/A	1026M	98.57	-0.13	5855.00	172	U-NI-4A	58.5	5.0	4.68	5.0	4.80	Left	0	0.326	1.076	1.015	0.356	0.221	
ANSI/IEEE C95.1-1992 - SAFETY LIMIT																				Body				
Uncontrolled Exposure/General Population																				1.6 W/kg (mW/g) averaged over 1 gram				

Table 11-91
5 GHz WLAN MIMO Laptop with Grip Sensor Active

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	U-NI band	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	MIMO	1021M	98.57	0.19	5290.00	58	U-NII-2A	58.5	8.0	7.81	8.0	7.05	Bottom	0	0.052	1.245	1.015	0.066	0.041	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	MIMO	1021M	98.57	0.03	5690.00	138	U-NII-2C	58.5	8.0	7.98	8.0	7.89	Bottom	0	0.105	1.026	1.015	0.109	0.068	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	MIMO	1021M	98.57	0.05	5775.00	155	U-NII-3	58.5	8.0	7.71	8.0	7.41	Bottom	0	0.157	1.146	1.015	0.183	0.114	
Body	5 GHz WiFi / IEEE 802.11ac	80	OFDM	MIMO	1021M	98.57	0.09	5955.00	171	U-NII-4	58.5	8.0	7.66	8.0	7.11	Bottom	0	0.199	1.227	1.015	0.239	0.149	
ANSI/IEEE C95.1.1992 - SAFETY LIMIT																		Body 1.6 W/kg (mW/g) averaged over 1 gram					
Spatial Peak Uncontrolled Exposure/General Population																							

Note: To achieve the 11 dBm maximum allowed MIMO power shown in the documentation, each antenna transmits at a maximum allowed power of 8 dBm.

11.21 6 GHz SISO Standalone SAR and APD

Table 11-92
6 GHz WLAN Ant WIFI 0 Tablet Max Power

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	-0.18	5985.00	7	34.0	14.0	13.06	Back	19	0.024	1.242	1.023	0.030	0.019	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.07	6705.00	151	34.0	14.0	13.43	Back	19	0.014	1.140	1.023	0.016	0.010	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.03	5985.00	7	34.0	14.0	13.06	Top	19	0.025	1.242	1.023	0.032	0.020	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.04	6705.00	151	34.0	14.0	13.43	Top	19	0.027	1.140	1.023	0.031	0.019	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.01	5985.00	7	34.0	14.0	13.06	Bottom	0	0.009	1.242	1.023	0.011	0.007	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.09	6705.00	151	34.0	14.0	13.43	Bottom	0	0.000	1.140	1.023	0.000	0.000	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.03	5985.00	7	34.0	14.0	13.06	Right	0	0.000	1.242	1.023	0.000	0.000	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.04	6705.00	151	34.0	14.0	13.43	Right	0	0.000	1.140	1.023	0.000	0.000	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.02	5985.00	7	34.0	14.0	13.06	Left	11	0.047	1.242	1.023	0.060	0.038	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.06	6705.00	151	34.0	14.0	13.43	Left	11	0.018	1.140	1.023	0.021	0.013	
ANSI/IEEE C95.1.1992 - SAFETY LIMIT																		Body		
Spatial Peak																		1.6 W/kg (mW/g)		
Uncontrolled Exposure/General Population																		averaged over 1 gram		

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured APD [W/m² (4cm²)]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported APD [W/m² (4cm²)]	APD Exposure Ratio	Plot #			
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	-0.18	5985.00	7	34.0	14.0	13.06	Back	19	0.167	1.242	1.023	0.212	0.011				
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.07	6705.00	151	34.0	14.0	13.43	Back	19	0.110	1.140	1.023	0.128	0.006				
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.03	5985.00	7	34.0	14.0	13.06	Top	19	0.167	1.242	1.023	0.212	0.011				
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.04	6705.00	151	34.0	14.0	13.43	Top	19	0.223	1.140	1.023	0.260	0.013				
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.01	5985.00	7	34.0	14.0	13.06	Bottom	0	0.002	1.242	1.023	0.003	0.000				
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.09	6705.00	151	34.0	14.0	13.43	Bottom	0	0.004	1.140	1.023	0.005	0.000				
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.03	5985.00	7	34.0	14.0	13.06	Right	0	0.000	1.242	1.023	0.000	0.000				
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.04	6705.00	151	34.0	14.0	13.43	Right	0	0.004	1.140	1.023	0.005	0.000				
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.02	5985.00	7	34.0	14.0	13.06	Left	11	0.283	1.242	1.023	0.360	0.018				
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WiFi 0	1058M	97.74	0.06	6705.00	151	34.0	14.0	13.43	Left	11	0.159	1.140	1.023	0.185	0.009				
ANSI/IEEE C95.1.1992 - SAFETY LIMIT																		Body 1.6 W/kg (mW/g) averaged over 1 gram					
Spatial Peak Uncontrolled Exposure/General Population																							

Table 11-93
6 GHz WLAN Ant WIFI 0 Tablet with Grip Sensor Active

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.12	6025.00	15	68.1	7.0	6.66	Back	0	N/A	0.192	1.081	1.022	0.212	0.133	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.06	6985.00	207	68.1	7.0	6.77	Back	0	N/A	0.153	1.054	1.022	0.165	0.103	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.07	6025.00	15	68.1	7.0	6.66	Top	0	N/A	0.010	1.081	1.022	0.011	0.007	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.05	6985.00	207	68.1	7.0	6.77	Top	0	N/A	0.044	1.054	1.022	0.047	0.029	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.05	6025.00	15	68.1	7.0	6.66	Left	0	N/A	0.281	1.081	1.022	0.310	0.184	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.05	6345.00	79	68.1	7.0	6.23	Left	0	N/A	0.321	1.194	1.022	0.392	0.245	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.02	6345.00	79	68.1	7.0	6.23	Left	0	Keyboard	0.081	1.194	1.022	0.129	0.081	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.01	6505.00	111	68.1	7.0	6.74	Left	0	N/A	0.265	1.062	1.022	0.288	0.180	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.04	6665.00	143	68.1	7.0	6.52	Left	0	N/A	0.169	1.117	1.022	0.193	0.121	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.04	6985.00	207	68.1	7.0	6.77	Left	0	N/A	0.018	1.054	1.022	0.019	0.012	
ANSI/IEEE C95.1.1992 - SAFETY LIMIT																Body 1.6 W/kg (mW/g) averaged over 1 gram					
Uncontrolled Exposure/General Population																					
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured APD [W/m² (4cm²)]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported APD [W/m² (4cm²)]	APD Exposure Ratio	Plot #
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.12	6025.00	15	68.1	7.0	6.66	Back	0	N/A	0.946	1.081	1.022	1.045	0.052	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.06	6985.00	207	68.1	7.0	6.77	Back	0	N/A	0.717	1.054	1.022	0.772	0.039	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.07	6025.00	15	68.1	7.0	6.66	Top	0	N/A	0.081	1.081	1.022	0.089	0.004	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.05	6985.00	207	68.1	7.0	6.77	Top	0	N/A	0.176	1.054	1.022	0.190	0.010	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.05	6025.00	15	68.1	7.0	6.66	Left	0	N/A	1.380	1.081	1.022	1.525	0.076	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.05	6345.00	79	68.1	7.0	6.23	Left	0	N/A	1.550	1.194	1.022	1.891	0.095	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.02	6345.00	79	68.1	7.0	6.23	Left	0	Keyboard	0.588	1.194	1.022	0.718	0.036	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.01	6505.00	111	68.1	7.0	6.74	Left	0	N/A	1.280	1.062	1.022	1.389	0.069	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.04	6665.00	143	68.1	7.0	6.52	Left	0	N/A	0.790	1.117	1.022	0.902	0.045	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WiFi 0	1058M	97.81	0.04	6985.00	207	68.1	7.0	6.77	Left	0	N/A	0.087	1.054	1.022	0.094	0.005	

Table 11-94
6 GHz WLAN Ant WIFI 0 Laptop Max Power

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]
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Table 11-95
6 GHz WLAN Ant WIFI 0 Laptop with Grip Sensor Active

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Laptop	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 0	1058M	97.81	0.07	6025.00	15	68.1	7.0	6.66	Bottom	0	0.050	1.081	1.022	0.055	0.034	
Laptop	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 0	1058M	97.81	0.04	6985.00	207	68.1	7.0	6.77	Bottom	0	0.004	1.054	1.022	0.004	0.003	
ANSI/IEEE C95.1.1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population													Body 1.6 W/kg (mW/g) averaged over 1 gram							
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured APD [W/m² (4cm²)]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported APD [W/m² (4cm²)]	APD Exposure Ratio	Plot #
Laptop	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 0	1058M	97.81	0.07	6025.00	15	68.1	7.0	6.66	Bottom	0	0.311	1.081	1.022	0.344	0.017	
Laptop	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 0	1058M	97.81	0.04	6985.00	207	68.1	7.0	6.77	Bottom	0	0.023	1.054	1.022	0.025	0.001	

Table 11-96
6 GHz WLAN Ant WIFI 1 Tablet Max Power

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.08	5985.00	7	34.0	14.0	13.77	Back	19	0.049	1.054	1.018	0.053	0.033	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.07	6705.00	151	34.0	14.0	13.99	Back	19	0.047	1.002	1.018	0.048	0.030	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.06	5985.00	7	34.0	14.0	13.77	Top	19	0.054	1.054	1.018	0.058	0.036	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	-0.16	6705.00	151	34.0	14.0	13.99	Top	19	0.043	1.002	1.018	0.044	0.028	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.01	5985.00	7	34.0	14.0	13.77	Bottom	0	0.043	1.054	1.018	0.046	0.029	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.06	6705.00	151	34.0	14.0	13.99	Bottom	0	0.025	1.002	1.018	0.026	0.016	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.08	5985.00	7	34.0	14.0	13.77	Right	11	0.112	1.054	1.018	0.120	0.075	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.13	6705.00	151	34.0	14.0	13.99	Right	11	0.165	1.002	1.018	0.168	0.105	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.03	5985.00	7	34.0	14.0	13.77	Left	0	0.039	1.054	1.018	0.032	0.020	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.02	6705.00	151	34.0	14.0	13.99	Left	0	0.004	1.002	1.018	0.004	0.003	
ANSI/IEEE C95.1.1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population													Body 1.6 W/kg (mW/g) averaged over 1 gram							
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured APD [W/m² (4cm²)]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported APD [W/m² (4cm²)]	APD Exposure Ratio	Plot #
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.08	5985.00	7	34.0	14.0	13.77	Back	19	0.431	1.054	1.018	0.462	0.023	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.07	6705.00	151	34.0	14.0	13.99	Back	19	0.408	1.002	1.018	0.416	0.021	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.06	5985.00	7	34.0	14.0	13.77	Top	19	0.480	1.054	1.018	0.515	0.026	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	-0.16	6705.00	151	34.0	14.0	13.99	Top	19	0.402	1.002	1.018	0.410	0.021	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.01	5985.00	7	34.0	14.0	13.77	Bottom	0	0.310	1.054	1.018	0.333	0.017	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.06	6705.00	151	34.0	14.0	13.99	Bottom	0	0.118	1.002	1.018	0.222	0.011	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.08	5985.00	7	34.0	14.0	13.77	Right	11	0.907	1.054	1.018	0.973	0.049	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.13	6705.00	151	34.0	14.0	13.99	Right	11	1.410	1.002	1.018	1.438	0.072	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.03	5985.00	7	34.0	14.0	13.77	Left	0	0.053	1.054	1.018	0.057	0.003	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.02	6705.00	151	34.0	14.0	13.99	Left	0	0.019	1.002	1.018	0.019	0.001	

Table 11-97
6 GHz WLAN Ant WIFI 1 Tablet with Grip Sensor Active

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.06	6025.00	15	68.1	7.0	6.39	Back	0	N/A	0.194	1.151	1.027	0.229	0.143	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.07	6345.00	79	68.1	7.0	6.76	Back	0	N/A	0.230	1.057	1.027	0.250	0.156	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.06	6025.00	15	68.1	7.0	6.39	Top	0	N/A	0.029	1.151	1.027	0.034	0.021	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.17	6345.00	79	68.1	7.0	6.76	Top	0	N/A	0.046	1.057	1.027	0.050	0.013	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.04	6025.00	15	68.1	7.0	6.39	Right	0	N/A	0.282	1.151	1.027	0.333	0.208	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.14	6025.00	15	68.1	7.0	6.39	Right	0	Keyboard	0.171	1.151	1.027	0.202	0.126	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.05	6345.00	79	68.1	7.0	6.76	Right	0	N/A	0.226	1.057	1.027	0.245	0.153	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	-0.05	6505.00	111	68.1	7.0	6.61	Right	0	N/A	0.137	1.094	1.027	0.154	0.096	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.01	6665.00	143	68.1	7.0	6.13	Right	0	N/A	0.060	1.222	1.027	0.075	0.047	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.04	6985.00	207	68.1	7.0	6.11	Right	0	N/A	0.043	1.227	1.027	0.054	0.034	
ANSI/IEEE C95.1.1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population													Body 1.6 W/kg (mW/g) averaged over 1 gram								
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured APD [W/m² (4cm²)]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported APD [W/m² (4cm²)]	APD Exposure Ratio	Plot #
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.06	6025.00	15	68.1	7.0	6.39	Back	0	N/A	1.120	1.151	1.027	1.324	0.066	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.07	6345.00	79	68.1	7.0	6.76	Back	0	N/A	1.200	1.057	1.027	1.303	0.065	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.06	6025.00	15	68.1	7.0	6.39	Top	0	N/A	0.191	1.151	1.027	0.226	0.011	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.17	6345.00	79	68.1	7.0	6.76	Top	0	N/A	0.137	1.057	1.027	0.127	0.006	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.04	6025.00	15	68.1	7.0	6.39	Right	0	N/A	1.540	1.151	1.027	1.820	0.091	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.14	6025.00	15	68.1	7.0	6.39	Right	0	Keyboard	1.010	1.151	1.027	1.194	0.060	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.05	6345.00	79	68.1	7.0	6.76	Right	0	N/A	1.230	1.057	1.027	1.335	0.067	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	-0.05	6505.00	111	68.1	7.0	6.61	Right	0	N/A	0.755	1.094	1.027	0.848	0.042	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.01	6665.00	143	68.1	7.0	6.13	Right	0	N/A	0.333	1.222	1.027	0.418	0.021	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	WIFI 1	1058M	97.33	0.04	6985.00	207	68.1	7.0	6.11	Right	0	N/A	0.208	1.227	1.027	0.262	0.013	

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03/30/2022

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Table 11-98
6 GHz WLAN Ant WIFI 1 Laptop

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Laptop	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.04	5985.00	7	34.0	14.0	13.77	Bottom	0	0.004	1.054	1.018	0.004	0.003	
Laptop	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.05	6705.00	151	34.0	14.0	13.99	Bottom	0	0.006	1.002	1.018	0.006	0.004	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population													Body 1.6 W/kg (mW/g) averaged over 1 gram							

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured APD [W/m² (4cm²)]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported APD [W/m² (4cm²)]	APD Exposure Ratio	Plot #
Laptop	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.04	5985.00	7	34.0	14.0	13.77	Bottom	0	0.000	1.054	1.018	0.000	0.000	
Laptop	6 GHz WiFi / IEEE 802.11ax	80	OFDM	WIFI 1	1058M	98.24	0.05	6705.00	151	34.0	14.0	13.99	Bottom	0	0.051	1.002	1.018	0.050	0.003	

11.22 6 GHz MIMO Standalone SAR and APD

Table 11-99
6 GHz WLAN MIMO Tablet Max Power

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Peak Number	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	2	1058M	98.36	0.01	5985.00	7	68.1	14.0	13.37	14.0	13.60	Back	19	0.095	1.156	1.017	0.065	0.041	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	1	1058M	98.36	0.07	5985.00	7	68.1	14.0	13.37	14.0	13.60	Back	19	0.029	1.156	1.017	0.034	0.021	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	2	1058M	98.36	0.02	6705.00	151	68.1	14.0	13.96	14.0	13.60	Back	19	0.096	1.096	1.017	0.101	0.061	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	1	1058M	98.36	0.08	6705.00	151	68.1	14.0	13.96	14.0	13.60	Back	19	0.065	1.096	1.017	0.072	0.045	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	N/A	1058M	98.36	0.06	5985.00	7	68.1	14.0	13.37	14.0	13.60	Top	19	0.056	1.156	1.017	0.066	0.041	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	N/A	1058M	98.36	0.01	6705.00	151	68.1	14.0	13.96	14.0	13.60	Top	19	0.058	1.096	1.017	0.065	0.041	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	N/A	1058M	98.36	0.01	5985.00	7	68.1	14.0	13.37	14.0	13.60	Bottom	0	0.053	1.156	1.017	0.062	0.039	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	N/A	1058M	98.36	0.05	5985.00	7	68.1	14.0	13.37	14.0	13.60	Bottom	0	0.022	1.096	1.017	0.025	0.016	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	N/A	1058M	98.36	0.05	6705.00	151	68.1	14.0	13.96	14.0	13.60	Bottom	0	0.172	1.156	1.017	0.202	0.126	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	N/A	1058M	98.36	0.01	6705.00	151	68.1	14.0	13.96	14.0	13.60	Right	11	0.041	1.096	1.017	0.046	0.029	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	N/A	1058M	98.36	0.08	5985.00	7	68.1	14.0	13.37	14.0	13.60	Left	11	0.141	1.156	1.017	0.166	0.104	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	N/A	1058M	98.36	0.21	6705.00	151	68.1	14.0	13.96	14.0	13.60	Left	11	0.131	1.096	1.017	0.146	0.091	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population													Body 1.6 W/kg (mW/g) averaged over 1 gram										

Note: To achieve the 17 dBm maximum allowed MIMO power shown in the documentation, each antenna transmits at a maximum allowed power of 14 dBm.

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Peak Number	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Measured APD [W/m² (4cm²)]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported APD [W/m² (4cm²)]	APD Exposure Ratio	Plot #
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	2	1058M	98.36	0.01	5985.00	7	68.1	14.0	13.87	14.0	13.60	Back	19	0.492	1.156	1.017	0.578	0.029	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	1	1058M	98.36	0.07	5985.00	7	68.1	14.0	13.37	14.0	13.60	Back	19	0.203	1.156	1.017	0.239	0.012	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	2	1058M	98.36	0.02	6705.00	151	68.1	14.0	13.96	14.0	13.60	Back	19	0.783	1.096	1.017	0.873	0.044	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	1	1058M	98.36	0.08	6705.00	151	68.1	14.0	13.96	14.0	13.60	Back	19	0.539	1.096	1.017	0.578	0.029	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	N/A	1058M	98.36	0.06	5985.00	7	68.1	14.0	13.37	14.0	13.60	Top	19	0.464	1.156	1.017	0.546	0.027	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	N/A	1058M	98.36	0.01	6705.00	151	68.1	14.0	13.96	14.0	13.60	Top	19	0.511	1.096	1.017	0.570	0.029	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	N/A	1058M	98.36	0.01	5985.00	7	68.1	14.0	13.37	14.0	13.60	Bottom	0	0.344	1.156	1.017	0.404	0.026	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	N/A	1058M	98.36	0.03	6705.00	151	68.1	14.0	13.96	14.0	13.60	Bottom	0	0.169	1.096	1.017	0.188	0.009	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	N/A	1058M	98.36	0.05	5985.00	7	68.1	14.0	13.37	14.0	13.60	Right	11	1.430	1.156	1.017	1.681	0.084	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	N/A	1058M	98.36	0.05	6705.00	151	68.1	14.0	13.96	14.0	13.60	Right	11	0.977	1.096	1.017	1.055	0.051	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	N/A	1058M	98.36	0.08	5985.00	7	68.1	14.0	13.37	14.0	13.60	Left	11	1.100	1.156	1.017	1.293	0.065	
Body	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	N/A	1058M	98.36	0.21	6705.00	151	68.1	14.0	13.96	14.0	13.60	Left	11	1.030	1.096	1.017	1.148	0.057	

Table 11-100
6 GHz WLAN MIMO Tablet with Grip Sensor Active | Plot A37

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Peak Number	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	1	1058M	98.43	0.04	6025.00	15	136.1	7.0	6.85	7.0	6.50	Back	0	N/A	0.172	1.122	1.056	0.196	0.123	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	2	1058M	98.43	0.06	6025.00	15	136.1	7.0	6.85	7.0	6.50	Back	0	N/A	0.112	1.122	1.056	0.139	0.087	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	2	1058M	98.43	0.07	6505.00	111	136.1	7.0	6.79	7.0	6.68	Back	0	N/A	0.217	1.076	1.056	0.237	0.148	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	1	1058M	98.43	0.01	6505.00	111	136.1	7.0	6.79	7.0	6.68	Back	0	N/A	0.190	1.076	1.056	0.208	0.130	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.01	6025.00	15	136.1	7.0	6.85	7.0	6.50	Top	0	N/A	0.000	1.122	1.056	0.000	0.014	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.06	6505.00	111	136.1	7.0	6.79	7.0	6.68	Top	0	N/A	0.017	1.076	1.056	0.019	0.012	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.05	6025.00	15	136.1	7.0	6.85	7.0	6.50	Right	0	N/A	0.247	1.122	1.056	0.282	0.176	Plot
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.01	6505.00	15	136.1	7.0	6.85	7.0	6.50	Right	0	Keyboard	0.344	1.122	1.056	0.401	0.250	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.06	6345.00	79	136.1	7.0	6.20	7.0	6.88	Right	0	N/A	0.218	1.202	1.056	0.266	0.166	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.07	6505.00	111	136.1	7.0	6.79	7.0	6.68	Right	0	N/A	0.147	1.076	1.056	0.161	0.101	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.08	6665.00	143	136.1	7.0	6.58	7.0	6.36	Right	0	N/A	0.053	1.202	1.056	0.066	0.041	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.06	6985.00	207	136.1	7.0	6.52	7.0	6.76	Right	0	N/A	0.041	1.186	1.056	0.049	0.031	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.09	6025.00	15	136.1	7.0	6.85	7.0	6.50	Left	0	N/A	0.203	1.122	1.056	0.231	0.144	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.09	6505.00	111	136.1	7.0	6.79	7.0	6.68	Left	0	N/A	0.244	1.076	1.056	0.267	0.167	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT																								
Spatial Peak													Body											
Uncontrolled Exposure/General Population													1.6 W/kg (mW/g) averaged over 1 gram											

Note: To achieve the 10 dBm maximum allowed MIMO power shown in the documentation, each antenna transmits at a maximum allowed power of 7 dBm.

Exposure	Band/ Mode	Bandwidth [MHz]	Service/ Modulation	Ant.	Peak Number	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured APD [W/m² (4cm²)]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported APD [W/m² (4cm²)]	APD Exposure Ratio	Plot #
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	1	1058M	98.43	0.04	6025.00	15	136.1	7.0	6.85	7.0	6.50	Back	0	N/A	1.010	1.122	1.056	1.151	0.058	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	2	1058M	98.43	0.06	6025.00	15	136.1	7.0	6.85	7.0	6.50	Back	0	N/A	0.604	1.122	1.056	0.701	0.040	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	2	1058M	98.43	0.07	6505.00	111	136.1	7.0	6.79	7.0	6.68	Back	0	N/A	1.150	1.076	1.016	1.235	0.067	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	2	1058M	98.43	0.01	6505.00	111	136.1	7.0	6.79	7.0	6.68	Back	0	N/A	0.913	1.076	1.056	0.996	0.050	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.01	6505.00	111	136.1	7.0	6.79	7.0	6.68	Top	0	N/A	1.010	1.076	1.056	1.147	0.050	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.06	6505.00	111	136.1	7.0	6.85	7.0	6.68	Top	0	N/A	1.071	1.076	1.016	1.026	0.004	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.05	6525.00	15	136.5	7.0	6.96	7.0	6.50	Right	0	N/A	1.020	1.122	1.016	1.026	0.075	Plot
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.05	6525.00	15	136.5	7.0	6.96	7.0	6.50	Right	0	Keyboard	1.060	1.122	1.016	1.026	0.075	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.06	6345.00	79	136.1	7.0	6.70	7.0	6.88	Right	0	N/A	1.230	1.020	1.056	1.052	0.075	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.07	6505.00	111	136.5	7.0	6.79	7.0	6.88	Right	0	N/A	0.833	1.076	1.016	0.988	0.045	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.08	6505.00	111	136.5	7.0	6.79	7.0	6.88	Right	0	N/A	1.212	1.186	1.016	1.154	0.020	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.06	6980.00	207	136.1	7.0	6.53	7.0	6.76	Right	0	N/A	0.913	1.186	1.016	0.955	0.013	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.06	6980.00	207	136.1	7.0	6.53	7.0	6.76	Right	0	N/A	1.100	1.076	1.016	1.154	0.063	
Body	6 GHz WiFi / IEEE 802.11ax	160	OFDM	MIMO	N/A	1058M	98.43	0.03	6505.00	111	136.1	7.0	6.79	7.0	6.68	Left	0	N/A	0.220	1.076	1.016	1.134	0.067	

Table 11-101
6 GHz WLAN MIMO Laptop Max Power

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Laptop	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	1058M	98.36	0.01	5985.00	7	68.1	14.0	13.37	14.0	13.60	Bottom	11	0.051	1.156	1.017	0.060	0.038	
Laptop	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	1058M	98.36	0.09	6705.00	151	68.1	14.0	13.96	14.0	13.60	Bottom	11	0.051	1.096	1.017	0.057	0.036	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT																Body						
Spatial Peak																1.6 W/kg (mW/g)						
Uncontrolled Exposure/General Population																averaged over 1 gram						
Note: To achieve the 17 dBm maximum allowed MIMO power shown in the documentation, each antenna transmits at a maximum allowed power of 14 dBm.																						
Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Measured APD [W/m² (4cm²)]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported APD [W/m² (4cm²)]	APD Exposure Ratio	Plot #
Laptop	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	1058M	98.36	0.01	5985.00	7	68.1	14.0	13.37	14.0	13.60	Bottom	11	0.351	1.156	1.017	0.413	0.021	
Laptop	6 GHz WiFi / IEEE 802.11ax	80	OFDM	MIMO	1058M	98.36	0.09	6705.00	151	68.1	14.0	13.96	14.0	13.60	Bottom	11	0.411	1.096	1.017	0.458	0.023	
Note: To achieve the 17 dBm maximum allowed MIMO power shown in the documentation, each antenna transmits at a maximum allowed power of 14 dBm.																						

Table 11-102
6 GHz WLAN MIMO Laptop with Grip Sensor Active | Plot A38

Exposure	Band / Mode	Bandwidth [MHz]	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	6 GHz WiFi/ IEEE 802.11ax	160	OFDM	MIMO	1058M	98.41	0.05	6025.00	15	136.1	7.0	6.85	7.0	6.50	Bottom	0	0.055	1.122	1.016	0.063	0.039	Plot
Body	6 GHz WiFi/ IEEE 802.11ax	160	OFDM	MIMO	1058M	98.41	-0.03	6025.00	111	136.1	7.0	6.79	7.0	6.68	Bottom	0	0.052	1.076	1.016	0.057	0.036	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population																Body 1.6 W/kg (mW/g) averaged over 1 gram						
Note: To achieve the 10 dBm maximum allowed MIMO power shown in the documentation, each antenna transmits at a maximum allowed power of 7 dBm.																						

Exposure	Band/ Mode	Bandwidth [MHz]	Service/ Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Max Allowed Power (2nd ant) [dBm]	Conducted Power (2nd ant) [dBm]	Test Position	Spacing [mm]	Measured APD [W/m² (4cm²)]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported APD [W/m² (4cm²)]	APD Exposure Ratio	Plot #
Body	6 GHz WiFi/ IEEE 802.11ax	160	OFDM	MIMO	1058M	98.41	0.05	6025.00	15	136.1	7.0	6.85	7.0	6.50	Bottom	0	0.336	1.122	1.016	0.383	0.019	
Body	6 GHz WiFi/ IEEE 802.11ax	160	OFDM	MIMO	1058M	98.41	-0.03	6025.00	111	136.1	7.0	6.79	7.0	6.68	Bottom	0	0.329	1.076	1.016	0.360	0.018	
Note: To achieve the 10 dBm maximum allowed MIMO power shown in the documentation, each antenna transmits at a maximum allowed power of 7 dBm.																						

11.23 Bluetooth SISO Standalone SAR

Table 11-103
Bluetooth Ant WIFI 0 Tablet Max Power

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz Bluetooth	FHSS	WiFi 0	1041M	76.80	0.05	2402.00	0	1	15.5	14.56	Back	19	0.000	1.241	1.016	0.000	0.000	
Body	2.4 GHz Bluetooth	FHSS	WiFi 0	1041M	76.80	-0.07	2402.00	0	1	15.5	14.56	Top	19	0.000	1.241	1.016	0.000	0.000	
Body	2.4 GHz Bluetooth	FHSS	WiFi 0	1041M	76.80	0.01	2402.00	0	1	15.5	14.56	Bottom	0	0.000	1.241	1.016	0.000	0.000	
Body	2.4 GHz Bluetooth	FHSS	WiFi 0	1041M	76.80	0.01	2402.00	0	1	15.5	14.56	Right	0	0.000	1.241	1.016	0.000	0.000	
Body	2.4 GHz Bluetooth	FHSS	WiFi 0	1041M	76.80	0.00	2402.00	0	1	15.5	14.56	Left	11	0.011	1.241	1.016	0.014	0.009	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT												Body 1.6 W/kg (mW/g) averaged over 1 gram							
Spatial Peak Uncontrolled Exposure/General Population																			

Table 11-104
Bluetooth Ant WIFI 0 Tablet with Grip Sensor Active | Plot A39

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz Bluetooth	FHSS	WiFi 0	1041M	76.80	0.15	2441.00	39	1	10.5	9.52	Back	0	N/A	0.121	1.253	1.016	0.154	0.096	
Body	2.4 GHz Bluetooth	FHSS	WiFi 0	1041M	76.80	0.04	2441.00	39	1	10.5	9.52	Top	0	N/A	0.108	1.253	1.016	0.137	0.086	
Body	2.4 GHz Bluetooth	FHSS	WiFi 0	1041M	76.80	0.02	2441.00	39	1	10.5	9.52	Left	0	N/A	0.248	1.253	1.016	0.236	0.198	Plot
Body	2.4 GHz Bluetooth	FHSS	WiFi 0	1041M	76.80	-0.14	2441.00	39	1	10.5	9.52	Left	0	Keyboard	0.109	1.253	1.016	0.139	0.087	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT																Body				
Spatial Peak																1.6 W/kg (mW/g)				
Uncontrolled Exposure/General Population																averaged over 1 gram				

Table 11-105
Bluetooth Ant WIFI 0 Laptop Max Power

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz Bluetooth	FHSS	WiFi 0	1058M	76.80	-0.04	2402.00	0	1	15.5	14.56	Bottom	11	0.069	1.241	1.016	0.087	0.054	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT												Body 1.6 W/kg (mW/g) averaged over 1 gram							
Spatial Peak Uncontrolled Exposure/General Population																			

FCC ID: A3LSMX736B	RF EXPOSURE PART 1 TEST REPORT														Approved by: Technical Manager						
Document S/N: 1M2505130050-17.A3L (Rev1)	DUT Type: Portable Computing Device														Page 102 of 116						

REV 22.0
03/30/2022

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Table 11-106
Bluetooth Ant WIFI 0 Laptop with Grip Sensor Active | Plot A40

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz Bluetooth	FHSS	WIFI 0	1041M	76.80	0.08	2441.00	39	1	10.5	9.52	Bottom	0	0.102	1.252	1.016	0.130	0.081	Plot
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population												Body 1.6 W/kg (mW/g) averaged over 1 gram							

Table 11-107
Bluetooth Ant WIFI 1 Tablet Max Power

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz Bluetooth	FHSS	WIFI 1	1041M	76.80	0.07	2402.00	0	1	15.5	14.32	Back	19	0.010	1.312	1.016	0.013	0.008	
Body	2.4 GHz Bluetooth	FHSS	WIFI 1	1041M	76.80	0.06	2402.00	0	1	15.5	14.32	Top	19	0.000	1.312	1.016	0.000	0.000	
Body	2.4 GHz Bluetooth	FHSS	WIFI 1	1041M	76.80	0.05	2402.00	0	1	15.5	14.32	Bottom	0	0.000	1.312	1.016	0.000	0.000	
Body	2.4 GHz Bluetooth	FHSS	WIFI 1	1041M	76.80	0.06	2402.00	0	1	15.5	14.32	Right	11	0.058	1.312	1.016	0.077	0.048	
Body	2.4 GHz Bluetooth	FHSS	WIFI 1	1041M	76.80	0.01	2402.00	0	1	15.5	14.32	Left	0	0.000	1.312	1.016	0.000	0.000	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population												Body 1.6 W/kg (mW/g) averaged over 1 gram							

Table 11-108
Bluetooth Ant WIFI 1 Tablet with Grip Sensor Active

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Add'l Info	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz Bluetooth	FHSS	WIFI 1	1041M	76.80	0.05	2441.00	39	1	9.0	7.55	Back	0	N/A	0.082	1.396	1.016	0.116	0.073	
Body	2.4 GHz Bluetooth	FHSS	WIFI 1	1041M	76.80	0.06	2441.00	39	1	9.0	7.55	Top	0	N/A	0.036	1.396	1.016	0.051	0.032	
Body	2.4 GHz Bluetooth	FHSS	WIFI 1	1041M	76.80	-0.11	2441.00	39	1	9.0	7.55	Right	0	N/A	0.189	1.396	1.016	0.268	0.168	
Body	2.4 GHz Bluetooth	FHSS	WIFI 1	1041M	76.80	0.02	2441.00	39	1	9.0	7.55	Right	0	Keyboard	0.167	1.396	1.016	0.237	0.148	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT																				
Spatial Peak												Body								
Uncontrolled Exposure/General Population												1.6 W/kg (mW/g) averaged over 1 gram								

Table 11-109
Bluetooth Ant WIFI 1 Laptop

Exposure	Band / Mode	Service / Modulation	Ant.	Serial Number	Duty Cycle [%]	Power Drift [dB]	Frequency [MHz]	Channel #	Data Rate [Mbps]	Max Allowed Power [dBm]	Conducted Power [dBm]	Test Position	Spacing [mm]	Measured 1g SAR [W/kg]	Power Scaling Factor	Duty Cycle Scaling Factor	Reported 1g SAR [W/kg]	Exposure Ratio (1g SAR)	Plot #
Body	2.4 GHz Bluetooth	FHSS	WIFI 1	1041M	76.80	0.07	2402.00	0	1	15.5	14.32	Bottom	0	0.000	1.312	1.016	0.000	0.000	
ANSI/IEEE C95.1 1992 - SAFETY LIMIT Spatial Peak Uncontrolled Exposure/General Population												Body 1.6 W/kg (mW/g) averaged over 1 gram							

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SAR Test Notes

General Notes:

1. The test data reported are the worst-case SAR values according to test procedures specified in IEEE 1528-2013, FCC KDB Publication 447498 D04v01, and FCC KDB Publication 616217 D04v01r02.
2. Batteries are fully charged at the beginning of the SAR measurements.
3. Liquid tissue depth was at least 15.0 cm for all frequencies.
4. The manufacturer has confirmed that the device(s) tested have the same physical, mechanical and thermal characteristics and are within operational tolerances expected for production units.
5. SAR results were scaled to the maximum allowed power to demonstrate compliance per FCC KDB Publication 447498 D04v01.
6. FCC KDB Publication 616217 D04v01r02 Section 4.3, SAR tests are required for the back surface and edges of the tablet with the tablet touching the phantom. The SAR Exclusion Threshold in FCC KDB 447498 D04v01 was applied to determine SAR test exclusion for adjacent edge configurations.
7. Per FCC KDB 616217 D04, SAR is evaluated for the bottom surface of a keyboard when it is attached to the DUT in laptop configuration.
8. Per FCC KDB 648474 D04, highest reported SAR tablet configuration for a transmission band on an antenna was additionally evaluated with keyboard accessory attached and folded back at 360°
9. The orange highlights throughout the report represent the highest scaled SAR per Equipment Class.
10. Peak number 1 and 2 correspond to WIFI 0 and WIFI 1 of DUT respectively

UMTS Notes:

11. UMTS mode was tested under RMC 12.2 kbps with HSPA Inactive per KDB Publication 941225 D01v03r01. AMR and HSPA SAR was not required per the 3G Test Reduction Procedure in KDB Publication 941225 D01v03r01.
12. Per FCC KDB Publication 447498 D04v01, if the reported (scaled) SAR measured at the highest output power channel for each test configuration is ≤ 0.8 W/kg for 1g evaluations then testing at the other channels is not required for such test configuration(s).

LTE Notes:

1. LTE test configurations are determined according to SAR Evaluation Considerations for LTE Devices in FCC KDB Publication 941225 D05v02r04. The general test procedures used for testing can be found in Section 8.5.4.
2. MPR is permanently implemented for this device by the manufacturer. The specific manufacturer target MPR is indicated alongside the SAR results. MPR is enabled for this device, according to 3GPP TS36.101 Section 6.2.3 – 6.2.5 under Table 6.2.3-1.
3. A-MPR was disabled for all SAR tests by setting NS=01 and MCC=001 on the base station simulator. SAR tests were performed with the same number of RB and RB offsets transmitting on all TTI frames (maximum TTI).
4. Per FCC KDB Publication 447498 D04v01, when the reported LTE Band 41 SAR measured at the highest output power channel in a given a test configuration was > 0.6 W/kg for 1g evaluations, testing at the other channels was required for such test configurations.
5. TDD LTE was tested per the guidance provided in FCC KDB Publication 941225 D05v02r04. Testing was performed using UL-DL configuration 0 with 6 UL subframes and 2 S subframes using extended cyclic prefix only and special subframe configuration 6. SAR tests were performed at maximum output power and worst-case transmission duty factor in extended cyclic prefix. Per 3GPP 36.211 Section 4, the duty factor for special subframe configuration 6 using extended cyclic prefix is 0.633.
6. Per KDB Publication 941225 D05Av01r02, SAR for downlink only LTE CA operations was not needed since the maximum average output power in LTE CA mode was not > 0.25 dB higher than the maximum output power when downlink carrier aggregation was inactive.
7. This device supports Power Class 2 and Power Class 3 operations for LTE Band 41. The highest available duty cycle for Power Class 2 operations is 43.3 % using UL-DL configuration 1. Per FCC Guidance, all SAR tests were performed using Power Class 3. SAR with power class 2 at the available duty factor was additionally performed for the power class 3 configuration with the highest SAR configuration for each exposure conditions. Please see Section 14 for linearity results.

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NR Notes:

1. NR implementation supports SA and NSA mode. In EN-DC mode, NR operates with the LTE Bands shown in the NR FR1 checklist acting as anchor bands. Per FCC guidance, SAR tests for NR Bands and LTE Anchors Bands were performed separately due to limitations in SAR probe calibration factors.
2. Due to test setup limitations, SAR testing for NR was performed using test mode software to establish the connection.
3. Simultaneous transmission analysis for EN-DC operations is addressed in the Part 2 Test Report (Serial Number can be found in the bibliography).
4. This device additionally supports some EN-DC conditions where additional LTE carriers are added on the downlink only.
5. Per FCC Guidance, NR modulations and RB Sizes/Offsets were selected for testing such that configurations with the highest output power were evaluated for SAR tests.
6. Per FCC KDB Publication 447498 D04v01, when the reported NR Band n77 C-Band SAR measured at the highest output power channel in a given a test configuration was $> 0.4 \text{ W/kg}$ for 1g evaluations and $> 1 \text{ W/kg}$ for 10g evaluation, testing at the other channels was required for such test configurations.
7. Per FCC KDB Publication 447498 D04v01, when the reported NR Band n41 SAR measured at the highest output power channel in a given a test configuration was $> 0.6 \text{ W/kg}$ for 1g evaluations and $> 1 \text{ W/kg}$ for 10g evaluation, testing at the other channels was required for such test configurations.
8. Per MTK guidance, SRS was tested with modulated signal. DFT-s-OFDM QPSK was used as the lowest order modulation and RB Size/Offset was selected to resemble continuous wave signal.

WLAN Notes:

1. Justification for test configurations for WLAN per KDB Publication 248227 D01v02r02 for 2.4 GHz WIFI single transmission chain operations, the highest measured maximum output power channel for DSSS was selected for SAR measurement. SAR for OFDM modes (2.4 GHz 802.11g/n/ax/be) was not required due to the maximum allowed powers and the highest reported DSSS SAR. See Section 8.6.4 for more information.
2. Justification for test configurations for WLAN per KDB Publication 248227 D01v02r02 for 5 GHz WIFI operations, the initial test configuration was selected according to the transmission mode with the highest maximum allowed powers. Other transmission modes were not investigated since the highest reported SAR for initial test configuration adjusted by the ratio of maximum output powers is less than 1.2 W/kg for 1g evaluations. See Section 8.6.5 for more information.
3. Per KDB Publication 248227 D01v02r02, SAR for MIMO was evaluated by following the simultaneous SAR provisions from KDB Publication 447498 D04v01 by either evaluating the sum of the 1g SAR values of each antenna transmitting independently or making a SAR measurement with both antennas transmitting simultaneously. Please see the Simultaneous Numerical Calculations Appendix for complete analysis.
4. When the maximum reported 1g averaged SAR is $\leq 0.8 \text{ W/kg}$, SAR testing on additional channels was not required. Otherwise, SAR for the next highest output power channel was required until the reported SAR result was $\leq 1.20 \text{ W/kg}$ for 1g evaluations or all test channels were measured.
5. The device was configured to transmit continuously at the required data rate, channel bandwidth and signal modulation, using the highest transmission duty factor supported by the test mode tools. The reported SAR was scaled to the 100% transmission duty factor to determine compliance. Procedures used to measure the duty factor are identical to that in the associated EMC test reports.
6. Per FCC guidance, SAR was performed using 6.5 GHz SAR probe calibration factors. Per October 2020 TCB Workshop notes, 5 channels were tested.

Bluetooth Notes

1. Bluetooth SAR was measured with the device connected to a call box with hopping disabled with DH5 operation and Tx Tests test mode type. Per October 2016 TCB Workshop Notes, the reported SAR was scaled to the 78% transmission duty factor for Bluetooth. See RF Conducted Power Section for the time domain plot and calculation for the duty factor of the device.

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12 POWER DENSITY DATA SUMMARY

12.1 6 GHz WIFI Power Density Results

Table 10-1
6 GHz WLAN IPD -Tablet | Plot A41

MEASUREMENT RESULTS																			
Frequency (MHz)	Channel	Mode	Service	Bandwidth (MHz)	Maximum Allowed Power (Ant 1) (dBm)	Conducted Power (Ant 1) (dBm)	Maximum Allowed Power (Ant 2) (dBm)	Conducted Power (Ant 2) (dBm)	Power DUT (dB)	Spacing (mm)	Antenna Config.	DUT Serial Number	Data Rate (Mbps)	Side	Duty Cycle (%)	Grid Step (A)	iPD (W/m ²)	Scaling Factor for Measurement Uncertainty per IEC 62479	Scaling Factor (Power)
6345.00	79	802.11ax	OFDM	160	7.00	6.23	N/A	N/A	-0.18	2	WiFi 0	1021M	68.1	Left	97.81	0.05	-	1.554	1.194
6025.00	15	802.11ax	OFDM	160	N/A	N/A	7.00	6.30	0.18	2	WiFi 1	1021M	68.1	Right	97.33	0.05	-	1.554	1.151
6025.00	15	802.11ax	OFDM	160	7.00	6.85	7.00	6.50	-0.16	2	MIMO	1021M	136.1	Right	98.41	0.05	0.618	1.554	1.122
6025.00	15	802.11ax	OFDM	160	7.00	6.85	7.00	6.50	0.17	9.95	MIMO	1021M	136.1	Right	98.41	0.125	0.257	1.554	1.122
47 CFR §1.1310 - SAFETY LIMIT Spatial Average Uncontrolled Exposure / General Population										Power Density 10 W/m ² averaged over 4 cm ²									

Table 10-2
6 GHz WLAN IPD – Laptop | Plot A42

MEASUREMENT RESULTS																			
Frequency (MHz)	Channel	Mode	Service	Bandwidth (MHz)	Maximum Allowed Power (Ant 1) (dBm)	Conducted Power (Ant 1) (dBm)	Maximum Allowed Power (Ant 2) (dBm)	Conducted Power (Ant 2) (dBm)	Power DUT (dB)	Spacing (mm)	Antenna Config.	DUT Serial Number	Data Rate (Mbps)	Side	Duty Cycle (%)	Grid Step (A)	iPD (W/m ²)	Scaling Factor for Measurement Uncertainty per IEC 62479	Scaling Factor (Power)
6985.00	207	802.11ax	OFDM	160	7.00	6.77	N/A	N/A	-0.18	2	WiFi 0	1021M	68.1	Bottom	97.81	0.05	-	1.554	1.054
6025.00	15	802.11ax	OFDM	160	7.00	6.85	7.00	6.50	-0.10	2	MIMO	1021M	136.1	Bottom	98.41	0.05	3.940	1.554	1.122
6025.00	15	802.11ax	OFDM	160	7.00	6.85	7.00	6.50	-0.15	9.95	MIMO	1021M	136.1	Bottom	98.41	0.125	3.190	1.554	1.122
47 CFR §1.1310 - SAFETY LIMIT Spatial Average Uncontrolled Exposure / General Population										Power Density 10 W/m ² averaged over 4 cm ²									

Power Density General Notes

- The manufacturer has confirmed that the devices tested have the same physical, mechanical and thermal characteristics and are within operational tolerances expected for production units.
- Batteries are fully charged at the beginning of the measurements. The DUT was connected to a wall charger for some measurements due to the test duration. It was confirmed that the charger plugged into this DUT did not impact the near-field PD test results.
- Power density was calculated by repeated E-field measurements on two measurement planes separated by $\lambda/4$.
- The device was configured to transmit continuously at the required data rate, channel bandwidth and signal modulation, using the highest transmission duty factor supported by the test mode tools.
- Per FCC guidance and equipment manufacturer guidance, power density results were scaled according to IEC 62479:2010 for the portion of the measurement uncertainty > 30%. Total expanded uncertainty of 2.68 dB (85.4%) was used to determine the psPD measurement scaling factor.
- Per equipment manufacturer guidance, power density was measured at $d=2\text{mm}$ and $d=\lambda/5\text{mm}$ using the same grid size and grid step size for some frequencies and surfaces. The integrated Power Density (iPD) was calculated based on these measurements. Since iPD ratio between the two distances is $\geq -1\text{dB}$, the grid step was sufficient for determining compliance at $d=2\text{mm}$.
- PTP-PR algorithm was used during psPD measurement and calculations.
- PD results were scaled to the maximum allowed power to demonstrate compliance per FCC KDB Publication 447498 D04.
- Peak number 1 and 2 correspond to WIFI 0 and WIFI 1 of DUT respectively
- PD testing was conducted using the same worst-case position and configuration as identified in the SAR evaluation, in accordance with the October 2022 TCB Workshop guidance and FCC KDB Publication 388624 D02.

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13 SAR MEASUREMENT VARIABILITY

13.1 Measurement Variability

Per FCC KDB Publication 865664 D01v01r04, SAR measurement variability was assessed for each frequency band, which was determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. When both head and body tissue-equivalent media were required for SAR measurements in a frequency band, the variability measurement procedures were applied to the tissue medium with the highest measured SAR, using the highest measured SAR configuration for that tissue-equivalent medium. These additional measurements were repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device was returned to ambient conditions (normal room temperature) with the battery fully charged before it was re-mounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

SAR Measurement Variability was assessed using the following procedures for each frequency band:

- 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.
- 2) A second repeated measurement was performed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~10% from the 1g SAR limit).
- 3) A third repeated measurement was performed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20 .
- 4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg

Table 13-1
Body SAR Measurement Variability Results

BODY VARIABILITY RESULTS														
Band	FREQUENCY		Mode	Service	Side	Spacing	Antenna Config	Measured SAR (1g)	1st Repeated SAR (1g)	Ratio	2nd Repeated SAR (1g)	Ratio	3rd Repeated SAR (1g)	Ratio
	MHz	Ch.						(W/kg)	(W/kg)		(W/kg)		(W/kg)	
2450	2462.00	1	2.4 GHz WiFi/IEEE 802.11b, 20 MHz Bandwidth	DSSS	Right	0.00	MIMO	0.903	0.801	1.13	N/A	N/A	N/A	N/A
2600	2592.99	518598	NR Band n41, 100 MHz Bandwidth	CP-OFDM, 1 RB 1 RB Offset	Top	0.00	M1	0.881	0.823	1.07	N/A	N/A	N/A	N/A
5600	5610.00	122	5 GHz WiFi/IEEE 802.11ac, 80 MHz Bandwidth	OFDM	Right	0.00	WiFi 1	0.965	0.930	1.04	N/A	N/A	N/A	N/A
5825	5855.00	171	5 GHz WiFi/IEEE 802.11ac, 80 MHz Bandwidth	OFDM	Back	0.00	WiFi 0	0.830	0.804	1.03	N/A	N/A	N/A	N/A
ANSI / IEEE C95.1 1992 - SAFETY LIMIT					Body 1.6 W/kg (mW/g) averaged over 1 gram									
Spatial Peak														
Uncontrolled Exposure/General Population														

13.2 Measurement Uncertainty

The measured SAR was < 1.5 W/kg for 1g for all frequency bands. Therefore, per KDB Publication 865664 D01v01r04, the extended measurement uncertainty analysis per IEEE 1528-2013 was not required.

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14 ADDITIONAL TESTING PER FCC GUIDANCE

14.1 LTE Band 41 Power Class 2 and Power Class 3 Linearity

This device supports Power Class 2 and Power Class 3 operations for LTE Band 41. The highest available duty cycle for Power Class 2 operations is 43.3 % using UL-DL configuration 1. Per May 2017 TCB Workshop Notes based on the device behavior, all SAR tests were performed using Power Class 3. SAR with Power Class 2 at the highest power and available duty factor was additionally performed for the Power Class 3 configuration with the highest SAR for each exposure condition. The linearity between the Power Class 2 and Power Class 3 SAR results and the respective frame averaged powers was calculated to determine that the results were linear. Per May 2017 TCB Workshop, no additional SAR measurements were required since the linearity between power classes was < 10% and all reported SAR values were < 1.4 W/kg for 1g and < 3.5 W/kg for 10g.

Table 14-1
LTE Band 41 Body Linearity Data - Laptop

	LTE Band 41 PC3	LTE Band 41 PC2
Maximum Allowed Output Power (dBm)	25.0	27.0
Measured Output Power (dBm)	24.08	26.21
Measured SAR (W/kg)	0.085	0.086
Measured Power (mW)	255.86	417.83
Duty Cycle	63.3%	43.3%
Frame Averaged Output Power (mW)	161.96	180.92
% deviation from expected linearity		-9.43%

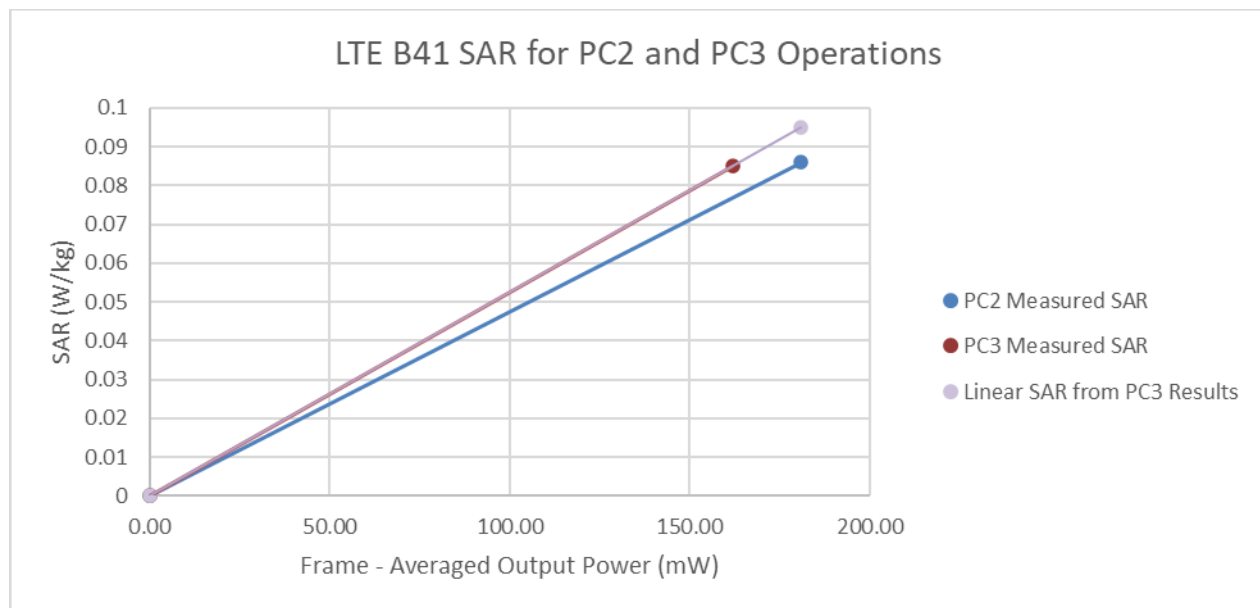


Figure 14-1
LTE Band 41 Body Linearity – Laptop

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Table 14-2
LTE Band 41 Body Linearity Data - Tablet

	LTE Band 41 PC3	LTE Band 41 PC2
Maximum Allowed Output Power (dBm)	13.50	15.10
Measured Output Power (dBm)	11.63	13.47
Measured SAR (W/kg)	0.482	0.457
Measured Power (mW)	14.55	22.23
Duty Cycle	63.3%	43.3%
Frame Averaged Output Power (mW)	9.21	9.63
% deviation from expected linearity		-9.26%

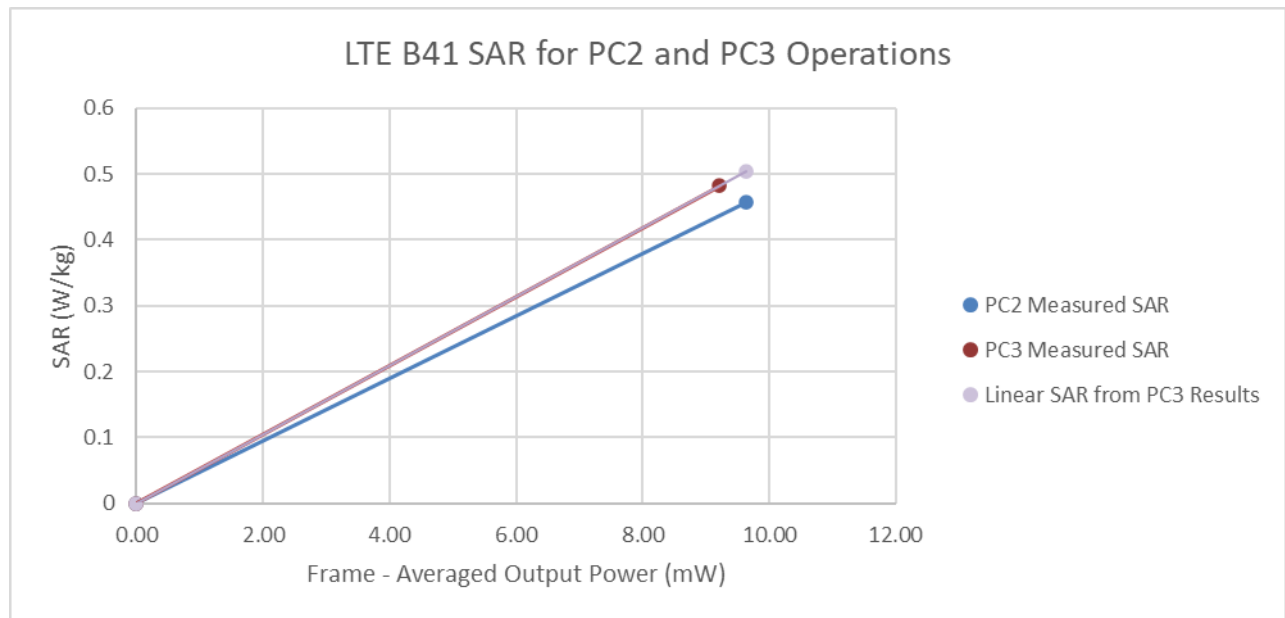


Figure 14-2
LTE Band 41 Body Linearity - Tablet

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15 EQUIPMENT LIST

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Agilent	E4404B	Spectrum Analyzer	N/A	N/A	N/A	MY45113242
Agilent	E4438C	ESG Vector Signal Generator	10/23/2024	Annual	10/23/2025	MY45093852
Agilent	E4438C	ESG Vector Signal Generator	11/15/2024	Annual	11/15/2025	MY45092078
Agilent	N5182A	MXG Vector Signal Generator	7/9/2024	Annual	7/9/2025	MY48180366
Agilent	N5182A	MXG Vector Signal Generator	12/5/2024	Annual	12/5/2025	US46240505
Agilent	8753ES	S-Parameter Vector Network Analyzer	1/6/2025	Annual	1/6/2026	MY40001472
Agilent	8753ES	S-Parameter Vector Network Analyzer	9/25/2024	Annual	9/25/2025	MY40003841
Agilent	E5515C	Wireless Communications Test Set	CBT	N/A	CBT	GB46310798
Agilent	E5515C	Wireless Communications Test Set	CBT	N/A	CBT	GB41450275
Agilent	N4010A	Wireless Connectivity Test Set	N/A	N/A	N/A	GB46170464
Amplifier Research	1551G6	Amplifier	CBT	N/A	CBT	433973
Amplifier Research	1551G6	Amplifier	CBT	N/A	CBT	433974
Amplifier Research	150A100C	Amplifier	CBT	N/A	CBT	350132
Anritsu	ML2496A	Power Meter	7/15/2024	Annual	7/15/2025	1138001
Anritsu	ML2496A	Power Meter	2/10/2025	Annual	2/10/2026	1351001
Anritsu	MA2411B	Pulse Power Sensor	9/5/2024	Annual	9/5/2025	1726262
Anritsu	MA2411B	Pulse Power Sensor	10/21/2024	Annual	10/21/2025	1027293
Anritsu	MA24106A	USB Power Sensor	7/10/2024	Annual	7/10/2025	1827530
Anritsu	MA24106A	USB Power Sensor	5/29/2025	Annual	5/29/2026	1344554
Control Company	4052	Long Stem Thermometer	2/27/2024	Biennial	2/27/2026	240174346
Control Company	4052	Long Stem Thermometer	2/27/2024	Biennial	2/27/2026	240171096
Control Company	4052	Long Stem Thermometer	2/27/2024	Biennial	2/27/2026	240171059
Control Company	4040	Therm./ Clock/ Humidity Monitor	4/15/2024	Biennial	4/15/2026	240310280
Control Company	4040	Therm./ Clock/ Humidity Monitor	10/15/2024	Biennial	10/15/2026	240763503
Control Company	4040	Therm./ Clock/ Humidity Monitor	4/15/2024	Biennial	4/15/2026	240310282
Keysight Technologies	N9020A	MXA Signal Analyzer	7/8/2024	Annual	7/8/2025	MY48010233
Agilent	N9020A	MXA Signal Analyzer	7/11/2024	Annual	7/11/2025	MY50020571
MCL	BW-N6W5+	6dB Attenuator	CBT	N/A	CBT	1139
Mini-Circuits	VL6-6000+	Low Pass Filter DC to 6000 MHz	CBT	N/A	CBT	N/A
Mini-Circuits	VL6-6000+	Low Pass Filter DC to 6000 MHz	7/10/2024	Annual	7/10/2025	31634
Mini-Circuits	BW-N20W5+	DC to 18 GHz Precision Fixed 20 dB Attenuator	CBT	N/A	CBT	N/A
Mini-Circuits	NLP-2950+	Low Pass Filter DC to 2700 MHz	CBT	N/A	CBT	N/A
Mini-Circuits	BW-N20W5	Power Attenuator	CBT	N/A	CBT	1226
Mini-Circuits	ZUDC10-83-S+	Directional Coupler	CBT	N/A	CBT	2050
Narda	4772-3	Attenuator (3dB)	CBT	N/A	CBT	9406
Narda	BW-S3W2	Attenuator (3dB)	CBT	N/A	CBT	120
Seekonk	NC-100	Torque Wrench	CBT	N/A	CBT	22217
Seekonk	NC-100	Torque Wrench	4/2/2024	Biennial	4/2/2026	1262
SPEAG	DAK-3.5	Dielectric Assessment Kit	11/5/2024	Annual	11/5/2025	1277
SPEAG	DAK3-3.5	Portable Dielectric Assessment Kit	8/7/2024	Annual	8/7/2025	1041
SPEAG	MAIA	Modulation and Audio Interference Analyzer	N/A	N/A	N/A	1237
SPEAG	MAIA	Modulation and Audio Interference Analyzer	N/A	N/A	N/A	1331
SPEAG	MAIA	Modulation and Audio Interference Analyzer	N/A	N/A	N/A	1390
SPEAG	DAK-12	Dielectric Assessment Kit (4MHz - 3GHz)	3/10/2025	Annual	3/10/2026	1102
SPEAG	D835V2	835 MHz SAR Dipole	3/11/2024	Biennial	3/11/2026	719
SPEAG	D1900V2	1900 MHz SAR Dipole	8/8/2022	Triennial	8/8/2025	50680
SPEAG	D1750V2	1750 MHz SAR Dipole	11/7/2024	Annual	11/7/2025	1150
SPEAG	D1750V2	1750 MHz SAR Dipole	1/13/2025	Annual	1/13/2026	1148
SPEAG	D750V2	750 MHz SAR Dipole	3/4/2025	Annual	3/4/2026	1054
SPEAG	D1900V2	1900 MHz SAR Dipole	2/7/2025	Annual	2/7/2026	5d148
SPEAG	D2450V2	2450 MHz SAR Dipole	8/7/2024	Annual	8/7/2025	719
SPEAG	D2450V2	2450 MHz SAR Dipole	11/7/2024	Annual	11/7/2025	981
SPEAG	D2450V2	2450 MHz SAR Dipole	11/15/2022	Triennial	11/15/2025	797
SPEAG	D2600V2	2600 MHz SAR Dipole	11/2/2022	Triennial	11/2/2025	1071
SPEAG	D2600V2	2600 MHz SAR Dipole	4/8/2024	Biennial	4/8/2026	1004
SPEAG	D3500V2	3500 MHz SAR Dipole	1/10/2023	Triennial	1/10/2026	1097
SPEAG	D3700V2	3700 MHz SAR Dipole	1/13/2023	Triennial	1/13/2026	1067
SPEAG	D3900V2	3900 MHz SAR Dipole	10/19/2023	Biennial	10/19/2025	1056
SPEAG	5G Verification Source 10GHz	10GHz System Verification Antenna	3/4/2025	Annual	3/4/2026	1002
SPEAG	D5GHV2	5 GHz SAR Dipole	2/21/2024	Biennial	2/21/2026	1057
SPEAG	D6.5GHV2	6.5 GHz SAR Dipole	12/6/2024	Annual	12/6/2025	1018
SPEAG	DAE4	Dasy Data Acquisition Electronics	1/13/2025	Annual	1/13/2026	1530
SPEAG	DAE4	Dasy Data Acquisition Electronics	7/8/2024	Annual	7/8/2025	1677
SPEAG	DAE4	Dasy Data Acquisition Electronics	4/10/2025	Annual	4/10/2026	1272
SPEAG	DAE4	Dasy Data Acquisition Electronics	9/10/2024	Annual	9/10/2025	1449
SPEAG	DAE4	Dasy Data Acquisition Electronics	2/6/2025	Annual	2/6/2026	665
SPEAG	DAE4	Dasy Data Acquisition Electronics	5/9/2025	Annual	5/9/2026	1678
SPEAG	DAE4	Dasy Data Acquisition Electronics	12/4/2024	Annual	12/4/2025	1213
SPEAG	DAE4	Dasy Data Acquisition Electronics	7/8/2024	Annual	7/8/2025	1583
SPEAG	DAE4ip	Dasy Data Acquisition Electronics	2/7/2025	Annual	2/7/2026	1638
SPEAG	DAE4	Dasy Data Acquisition Electronics	7/8/2024	Annual	6/5/2026	1558
SPEAG	EX3DV4	SAR Probe	7/5/2024	Annual	7/5/2025	7406
SPEAG	EX3DV4	SAR Probe	4/7/2025	Annual	4/7/2026	7659
SPEAG	EX3DV4	SAR Probe	2/12/2025	Annual	2/12/2026	7417
SPEAG	EX3DV4	SAR Probe	5/9/2025	Annual	5/9/2026	7660
SPEAG	EX3DV4	SAR Probe	1/7/2025	Annual	1/7/2026	7713
SPEAG	EUMmWV4	EUMmWV4 Probe	1/8/2025	Annual	1/8/2026	9389
SPEAG	EX3DV4	SAR Probe	12/5/2024	Annual	12/5/2025	7410
SPEAG	EX3DV4	SAR Probe	6/28/2024	Annual	6/28/2025	7803
SPEAG	EX3DV4	SAR Probe	2/10/2025	Annual	2/10/2026	7570
SPEAG	EX3DV4	SAR Probe	6/11/2025	Annual	6/11/2026	7661

Note: 1) All equipment was used solely within its respective calibration period. 2) CBT (Calibrated Before Testing). Prior to testing, the measurement paths containing a cable, amplifier, attenuator, coupler or filter were connected to a calibrated source (i.e. a signal generator) to determine the losses of the measurement path. The power meter offset was then adjusted to compensate for the measurement system losses. This level offset is stored within the power meter before measurements are made. This calibration verification procedure applies to the system verification and output power measurements. The calibrated reading is then taken directly from the power meter after compensation of the losses for all final power measurements.

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16 MEASUREMENT UNCERTAINTIES

Applicable for SAR Measurements < 6 GHz:

Uncertainty Component	IEEE 1528 Sec.	Tol. (± %)	Prob. Dist.	f(d,k)	c _i 1gm	c _i 10 gms	c x f/e 1gm u _i (± %)	c x g/e 10gms u _i (± %)	v _i
Measurement System									
Probe Calibration	E.2.1	7	N	1	1	1	7.0	7.0	∞
Axial Isotropy	E.2.2	0.25	N	1	0.7	0.7	0.2	0.2	∞
Hemishperical Isotropy	E.2.2	1.3	N	1	0.7	0.7	0.9	0.9	∞
Boundary Effect	E.2.3	2	R	1.73	1	1	1.2	1.2	∞
Linearity	E.2.4	0.3	N	1	1	1	0.3	0.3	∞
System Detection Limits	E.2.4	0.25	R	1.73	1	1	0.1	0.1	∞
Modulation Response	E.2.5	4.8	R	1.73	1	1	2.8	2.8	∞
Readout Electronics	E.2.6	0.3	N	1	1	1	0.3	0.3	∞
Response Time	E.2.7	0.8	R	1.73	1	1	0.5	0.5	∞
Integration Time	E.2.8	2.6	R	1.73	1	1	1.5	1.5	∞
RF Ambient Conditions - Noise	E.6.1	3	R	1.73	1	1	1.7	1.7	∞
RF Ambient Conditions - Reflections	E.6.1	3	R	1.73	1	1	1.7	1.7	∞
Probe Positioner Mechanical Tolerance	E.6.2	0.8	R	1.73	1	1	0.5	0.5	∞
Probe Positioning w/ respect to Phantom	E.6.3	6.7	R	1.73	1	1	3.9	3.9	∞
Extrapolation, Interpolation & Integration algorithms for Max. SAR Evaluation	E.5	4	R	1.73	1	1	2.3	2.3	∞
Test Sample Related									
Test Sample Positioning	E.4.2	3.12	N	1	1	1	3.1	3.1	35
Device Holder Uncertainty	E.4.1	1.67	N	1	1	1	1.7	1.7	5
Output Power Variation - SAR drift measurement	E.2.9	5	R	1.73	1	1	2.9	2.9	∞
SAR Scaling	E.6.5	0	R	1.73	1	1	0.0	0.0	∞
Phantom & Tissue Parameters									
Phantom Uncertainty (Shape & Thickness tolerances)	E.3.1	7.6	R	1.73	1.0	1.0	4.4	4.4	∞
Liquid Conductivity - measurement uncertainty	E.3.3	4.3	N	1	0.78	0.71	3.3	3.0	76
Liquid Permittivity - measurement uncertainty	E.3.3	4.2	N	1	0.23	0.26	1.0	1.1	75
Liquid Conductivity - Temperature Uncertainty	E.3.4	3.4	R	1.73	0.78	0.71	1.5	1.4	∞
Liquid Permittivity - Temperature Uncertainty	E.3.4	0.6	R	1.73	0.23	0.26	0.1	0.1	∞
Liquid Conductivity - deviation from target values	E.3.2	5.0	R	1.73	0.64	0.43	1.8	1.2	∞
Liquid Permittivity - deviation from target values	E.3.2	5.0	R	1.73	0.60	0.49	1.7	1.4	∞
Combined Standard Uncertainty (k=1)							RSS	12.2	12.0
Expanded Uncertainty (95% CONFIDENCE LEVEL)							k=2	24.4	24.0

The above measurement uncertainties are according to IEEE Std. 1528-2013

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Applicable for SAR Measurements > 6 GHz:

				f(d,k)			c x f/e	c x g/e	
Uncertainty Component	IEEE 1528 Sec.	Tol. (± %)	Prob. Dist.	Div.	c _i 1gm	c _i 10 gms	1gm u _i (± %)	10gms u _i (± %)	v _i
Measurement System									
Probe Calibration	E.2.1	9.3	N	1	1	1	9.3	9.3	∞
Axial Isotropy	E.2.2	0.25	N	1	0.7	0.7	0.2	0.2	∞
Hemishperical Isotropy	E.2.2	1.3	N	1	0.7	0.7	0.9	0.9	∞
Boundary Effect	E.2.3	2	R	1.73	1	1	1.2	1.2	∞
Linearity	E.2.4	0.3	N	1	1	1	0.3	0.3	∞
System Detection Limits	E.2.4	0.25	R	1.73	1	1	0.1	0.1	∞
Modulation Response	E.2.5	4.8	R	1.73	1	1	2.8	2.8	∞
Readout Electronics	E.2.6	0.3	N	1	1	1	0.3	0.3	∞
Response Time	E.2.7	0.8	R	1.73	1	1	0.5	0.5	∞
Integration Time	E.2.8	2.6	R	1.73	1	1	1.5	1.5	∞
RF Ambient Conditions - Noise	E.6.1	3	R	1.73	1	1	1.7	1.7	∞
RF Ambient Conditions - Reflections	E.6.1	3	R	1.73	1	1	1.7	1.7	∞
Probe Positioner Mechanical Tolerance	E.6.2	0.8	R	1.73	1	1	0.5	0.5	∞
Probe Positioning w/ respect to Phantom	E.6.3	6.7	R	1.73	1	1	3.9	3.9	∞
Extrapolation, Interpolation & Integration algorithms for Max. SAR Evaluation	E.5	4	R	1.73	1	1	2.3	2.3	∞
Test Sample Related									
Test Sample Positioning	E.4.2	3.12	N	1	1	1	3.1	3.1	35
Device Holder Uncertainty	E.4.1	1.67	N	1	1	1	1.7	1.7	5
Output Power Variation - SAR drift measurement	E.2.9	5	R	1.73	1	1	2.9	2.9	∞
SAR Scaling	E.6.5	0	R	1.73	1	1	0.0	0.0	∞
Phantom & Tissue Parameters									
Phantom Uncertainty (Shape & Thickness tolerances)	E.3.1	7.6	R	1.73	1.0	1.0	4.4	4.4	∞
Liquid Conductivity - measurement uncertainty	E.3.3	4.3	N	1	0.78	0.71	3.3	3.0	76
Liquid Permittivity - measurement uncertainty	E.3.3	4.2	N	1	0.23	0.26	1.0	1.1	75
Liquid Conductivity - Temperature Uncertainty	E.3.4	3.4	R	1.73	0.78	0.71	1.5	1.4	∞
Liquid Permittivity - Temperature Uncertainty	E.3.4	0.6	R	1.73	0.23	0.26	0.1	0.1	∞
Liquid Conductivity - deviation from target values	E.3.2	5.0	R	1.73	0.64	0.43	1.8	1.2	∞
Liquid Permittivity - deviation from target values	E.3.2	5.0	R	1.73	0.60	0.49	1.7	1.4	∞
Combined Standard Uncertainty (k=1)							RSS	13.8	13.6
Expanded Uncertainty (95% CONFIDENCE LEVEL)							k=2	27.6	27.1

The above measurement uncertainties are according to IEEE Std. 1528-2013

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Applicable for Power Density Measurements:

a	b	c	d	e	f = c x f/e	g
Uncertainty Component	Unc. (± dB)	Prob. Dist.	Div.	c _i	u _i (± dB)	v _i
Measurement System						
Calibration	0.49	N	1	1	0.49	∞
Probe Correction	0.00	R	1.73	1	0.00	∞
Frequency Response	0.20	R	1.73	1	0.12	∞
Sensor Cross Coupling	0.00	R	1.73	1	0.00	∞
Isotropy	0.50	R	1.73	1	0.29	∞
Linearity	0.20	R	1.73	1	0.12	∞
Probe Scattering	0.00	R	1.73	1	0.00	∞
Probe Positioning offset	0.30	R	1.73	1	0.17	∞
Probe Positioning Repeatability	0.04	R	1.73	1	0.02	∞
Sensor Mechanical Offset	0.00	R	1.73	1	0.00	∞
Probe Spatial Resolution	0.00	R	1.73	1	0.00	∞
Field Impedance Dependence	0.00	R	1.73	1	0.00	∞
Amplitude and Phase Drift	0.00	R	1.73	1	0.00	∞
Amplitude and Phase Noise	0.04	R	1.73	1	0.02	∞
Measurement Area Truncation	0.00	R	1.73	1	0.00	∞
Data Acquisition	0.03	N	1	1	0.03	∞
Sampling	0.00	R	1.73	1	0.00	∞
Field Reconstruction	2.00	R	1.73	1	1.15	∞
Forward Transformation	0.00	R	1.73	1	0.00	∞
Power Density Scaling	0.00	R	1.73	1	0.00	∞
Spatial Averaging	0.10	R	1.73	1	0.06	∞
System Detection Limit	0.04	R	1.73	1	0.02	∞
Test Sample Related						
Probe Coupling with DUT	0.00	R	1.73	1	0.00	∞
Modulation Response	0.40	R	1.73	1	0.23	∞
Integration Time	0.00	R	1.73	1	0.00	∞
Response Time	0.00	R	1.73	1	0.00	∞
Device Holder Influence	0.10	R	1.73	1	0.06	∞
DUT alignment	0.00	R	1.73	1	0.00	∞
RF Ambient Conditions	0.04	R	1.73	1	0.02	∞
Ambient Reflections	0.04	R	1.73	1	0.02	∞
Immunity/Secondary Reception	0.00	R	1.73	1	0.00	∞
Drift of DUT	0.21	R	1.73	1	0.12	∞
Combined Standard Uncertainty (k=1)					RSS	1.34
Expanded Uncertainty (95% CONFIDENCE LEVEL)					k=2	2.68

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17 CONCLUSION

17.1 Measurement Conclusion

The SAR evaluation indicates that the EUT complies with the RF radiation exposure limits of the FCC and Innovation, Science, and Economic Development Canada, with respect to all parameters subject to this test. These measurements were taken to simulate the RF effects of RF exposure under worst-case conditions. Precise laboratory measures were taken to assure repeatability of the tests. The results and statements relate only to the item(s) tested.

Please note that the absorption and distribution of electromagnetic energy in the body are very complex phenomena that depend on the mass, shape, and size of the body, the orientation of the body with respect to the field vectors, and the electrical properties of both the body and the environment. Other variables that may play a substantial role in possible biological effects are those that characterize the environment (e.g. ambient temperature, air velocity, relative humidity, and body insulation) and those that characterize the individual (e.g. age, gender, activity level, debilitation, or disease). Because various factors may interact with one another to vary the specific biological outcome of an exposure to electromagnetic fields, any protection guide should consider maximal amplification of biological effects as a result of field-body interactions, environmental conditions, and physiological variables. [3]

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18 REFERENCES

- [1] Federal Communications Commission, ET Docket 93-62, Guidelines for Evaluating the Environmental Effects of Radiofrequency Radiation, Aug. 1996.
- [2] ANSI/IEEE C95.1-2005, American National Standard safety levels with respect to human exposure to radio frequency electromagnetic fields, 3kHz to 300GHz, New York: IEEE, 2006.
- [3] ANSI/IEEE C95.1-1992, American National Standard safety levels with respect to human exposure to radio frequency electromagnetic fields, 3kHz to 300GHz, New York: IEEE, Sept. 1992.
- [4] ANSI/IEEE C95.3-2002, IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields - RF and Microwave, New York: IEEE, December 2002.
- [5] IEEE Standards Coordinating Committee 39 –Standards Coordinating Committee 34 – IEEE Std. 1528-2013, IEEE Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques.
- [6] NCRP, National Council on Radiation Protection and Measurements, Biological Effects and Exposure Criteria for RadioFrequency Electromagnetic Fields, NCRP Report No. 86, 1986. Reprinted Feb. 1995.
- [7] T. Schmid, O. Egger, N. Kuster, Automated E-field scanning system for dosimetric assessments, IEEE Transaction on Microwave Theory and Techniques, vol. 44, Jan. 1996, pp. 105-113.
- [8] K. Pokovic, T. Schmid, N. Kuster, Robust setup for precise calibration of E-field probes in tissue simulating liquids at mobile communications frequencies, ICECOM97, Oct. 1997, pp. 1 -124.
- [9] K. Pokovic, T. Schmid, and N. Kuster, E-field Probe with improved isotropy in brain simulating liquids, Proceedings of the ELMAR, Zadar, Croatia, June 23-25, 1996, pp. 172-175.
- [10] Schmid & Partner Engineering AG, Application Note: Data Storage and Evaluation, June 1998, p2.
- [11] V. Hombach, K. Meier, M. Burkhardt, E. Kuhn, N. Kuster, The Dependence of EM Energy Absorption upon Human Modeling at 900 MHz, IEEE Transaction on Microwave Theory and Techniques, vol. 44 no. 10, Oct. 1996, pp. 1865-1873.
- [12] N. Kuster and Q. Balzano, Energy absorption mechanism by biological bodies in the near field of dipole antennas above 300MHz, IEEE Transaction on Vehicular Technology, vol. 41, no. 1, Feb. 1992, pp. 17-23.
- [13] G. Hartsgrrove, A. Kraszewski, A. Surowiec, Simulated Biological Materials for Electromagnetic Radiation Absorption Studies, University of Ottawa, Bioelectromagnetics, Canada: 1987, pp. 29-36.
- [14] Q. Balzano, O. Garay, T. Manning Jr., Electromagnetic Energy Exposure of Simulated Users of Portable Cellular Telephones, IEEE Transactions on Vehicular Technology, vol. 44, no.3, Aug. 1995.
- [15] W. Gander, Computermathematick, Birkhaeuser, Basel, 1992.
- [16] W.H. Press, S.A. Teukolsky, W.T. Vetterling, and B.P. Flannery, Numerical Recipes in C, The Art of Scientific Computing, Second edition, Cambridge University Press, 1992.
- [17] N. Kuster, R. Kastle, T. Schmid, Dosimetric evaluation of mobile communications equipment with known precision, IEEE Transaction on Communications, vol. E80-B, no. 5, May 1997, pp. 645-652.
- [18] CENELEC CLC/SC111B, European Prestandard (prENV 50166-2), Human Exposure to Electromagnetic Fields High-frequency: 10kHz-300GHz, Jan. 1995.

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- [19] Prof. Dr. Niels Kuster, ETH, Eidgenössische Technische Hochschule Zürich, Dosimetric Evaluation of the Cellular Phone.
- [20] IEC 62209-1, Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Part 1: Devices used next to the ear (Frequency range of 300 MHz to 6 GHz), July 2016.
- [21] Innovation, Science, Economic Development Canada RSS-102 Radio Frequency Exposure Compliance of Radiocommunication Apparatus (All Frequency Bands) Issue 5, March 2015.
- [22] Health Canada Safety Code 6 Limits of Human Exposure to Radio Frequency Electromagnetic Fields in the Frequency Range from 3 kHz – 300 GHz, 2015
- [23] FCC SAR Test Procedures for 2G-3G Devices, Mobile Hotspot and UMPC Devices KDB Publications 941225, D01-D07
- [24] SAR Measurement Guidance for IEEE 802.11 Transmitters, KDB Publication 248227 D01
- [25] FCC SAR Considerations for Handsets with Multiple Transmitters and Antennas, KDB Publications 648474 D03-D04
- [26] FCC SAR Evaluation Considerations for Laptop, Notebook, Netbook and Tablet Computers, FCC KDB Publication 616217 D04
- [27] FCC SAR Measurement and Reporting Requirements for 100MHz – 6 GHz, KDB Publications 865664 D01-D02
- [28] FCC General RF Exposure Guidance and SAR Procedures for Dongles, KDB Publication 447498, D01-D02
- [29] Anexo à Resolução No. 533, de 10 de Setembro de 2009.
- [30] IEC 62209-2, Human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Human models, instrumentation, and procedures - Part 2: Procedure to determine the specific absorption rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz), Mar. 2010.

FCC ID: A3LSMX736B	RF EXPOSURE PART 1 TEST REPORT	Approved by: Technical Manager
Document S/N: 1M2505130050-17.A3L (Rev1)	DUT Type: Portable Computing Device	Page 116 of 116

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03/30/2022

APPENDIX A: SAR TEST PLOTS

ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1049M

Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 824.200 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 824.200 MHz; cond = 0.913 S/m; perm = 41.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 19.00 mm

Test Date: 06/11/2025; Ambient Temp: 22.6°C; Tissue Temp: 23.4°C

Probe: EX3DV4 - SN7713; ConvF:(10.56,9.83,9.56); Calibrated: 2025-01-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1530; Calibrated: 2025-01-13

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: GPRS 850, Antenna M1, Exp: Body| Top Edge, Ch. Low, 4 Tx Slots

Area Scan (40.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

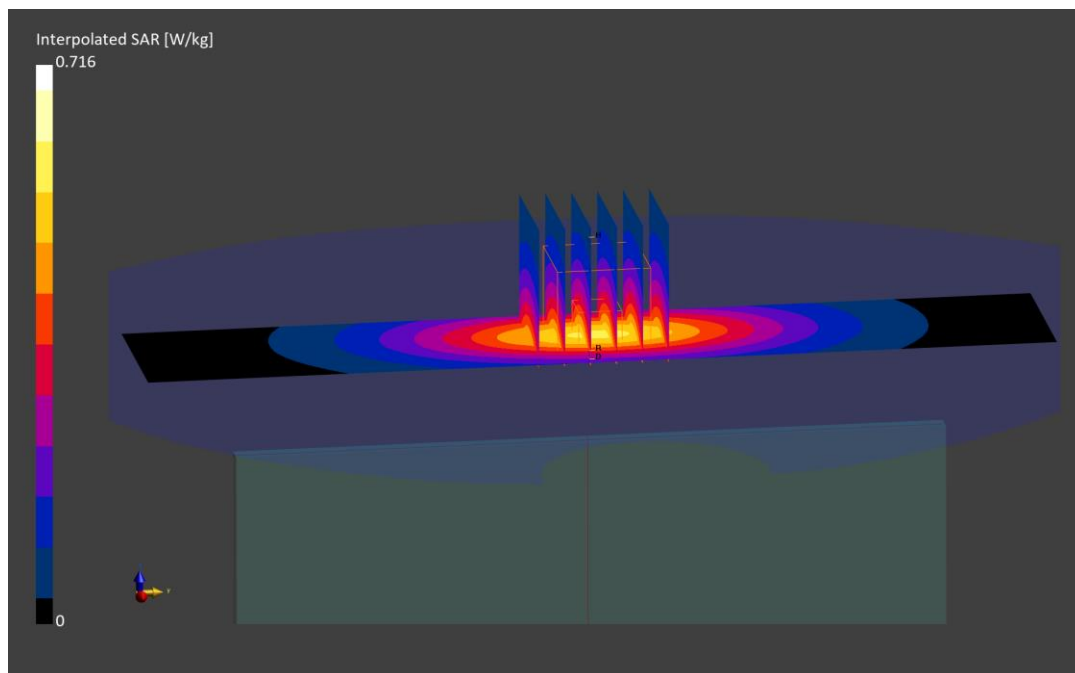
Reference Value = 0.48 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.716 W/kg

SAR(1 g) = 0.488 W/kg

Smallest distance from peaks to all points 3 dB below is > 15.0 mm

Ratio of SAR at M2 to SAR at M1 = 87.8 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1049M

Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 824.200 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 824.200 MHz; cond = 0.914 S/m; perm = 41.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/17/2025; Ambient Temp: 24.1°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7406; ConvF:(9.29,8.78,9.79); Calibrated: 2024-07-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: GPRS 850, Antenna M1, Exp: Body, Laptop| Bottom Edge, Ch. Low, 4 Tx Slots

Area Scan (40.0 x 300.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (42.0 x 42.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

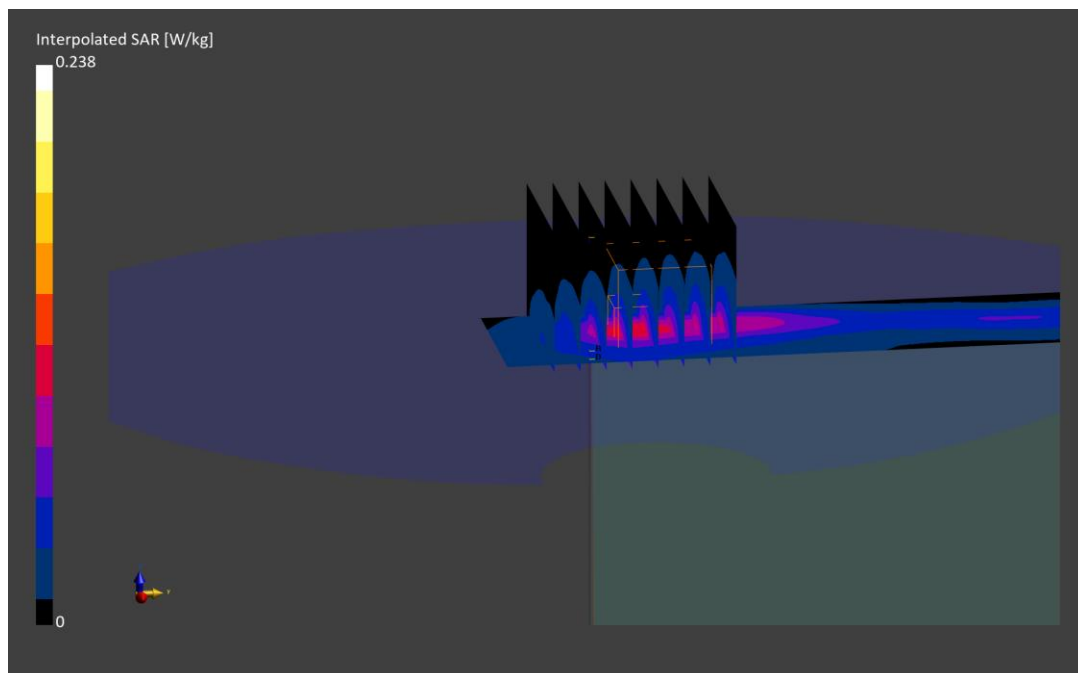
Reference Value = 0.08 W/kg; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.098 W/kg

Smallest distance from peaks to all points 3 dB below is 8.1 mm

Ratio of SAR at M2 to SAR at M1 = 66.8 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 0971M

Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1850.200 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1850.200 MHz; cond = 1.38 S/m; perm = 38.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/27/2025; Ambient Temp: 21.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7659; ConvF:(8.38,8.04,8.14); Calibrated: 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: GPRS 1900, Antenna M1, Exp: Body| Top Edge, Ch. Low, 4 Tx Slots

Area Scan (40.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (36.0 x 36.0 x 31.2): Measurement grid: dx=3.6 mm, dy=3.6 mm, dz=1.5 mm; Graded Ratio: 1.5

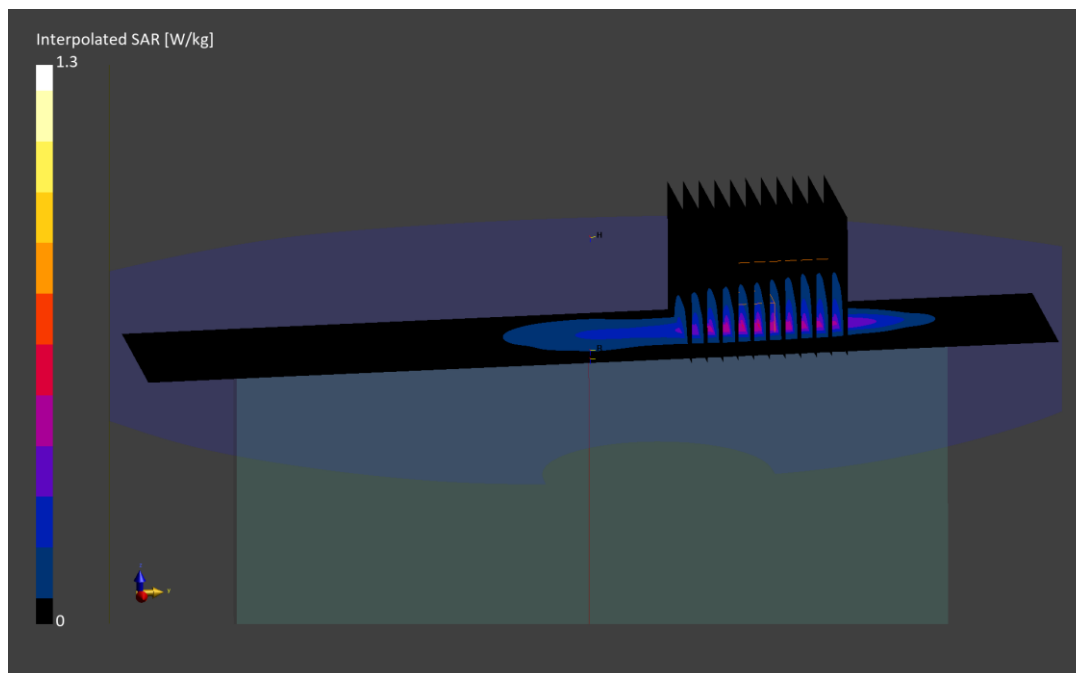
Reference Value = 0.32 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.415 W/kg

Smallest distance from peaks to all points 3 dB below is 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 62.7 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 0971M

Communication System: UID:10028 - DAC, GSM; MAIA: Y; Frequency: 1850.200 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1850.200 MHz; cond = 1.40 S/m; perm = 39.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/17/2025; Ambient Temp: 20.7°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7659; ConvF:(8.38,8.04,8.14); Calibrated: 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: GPRS 1900, Antenna M1, Exp: Body, Laptop| Bottom Edge, Ch. Low, 4 Tx Slots

Area Scan (40.0 x 300.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (42.0 x 42.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

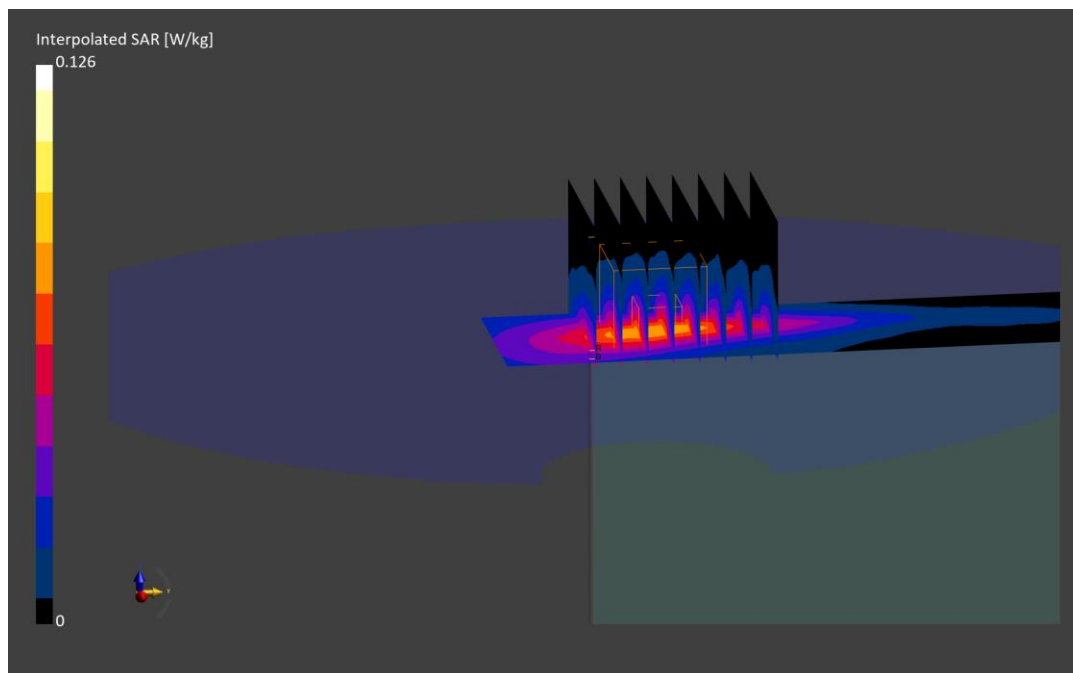
Reference Value = 0.06 W/kg; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.126 W/kg

SAR(1 g) = 0.067 W/kg

Smallest distance from peaks to all points 3 dB below is 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 80.2 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1049M

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 826.400 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 826.400 MHz; cond = 0.934 S/m; perm = 42.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/15/2025; Ambient Temp: 23.5°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7406; ConvF:(9.29,8.78,9.79); Calibrated: 2024-07-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 850, Antenna M1, Exp: Body| Top Edge, Ch. High

Area Scan (40.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (33.6 x 37.8 x 33.4): Measurement grid: dx=4.2 mm, dy=4.2 mm, dz=1.4 mm; Graded Ratio: 1.4

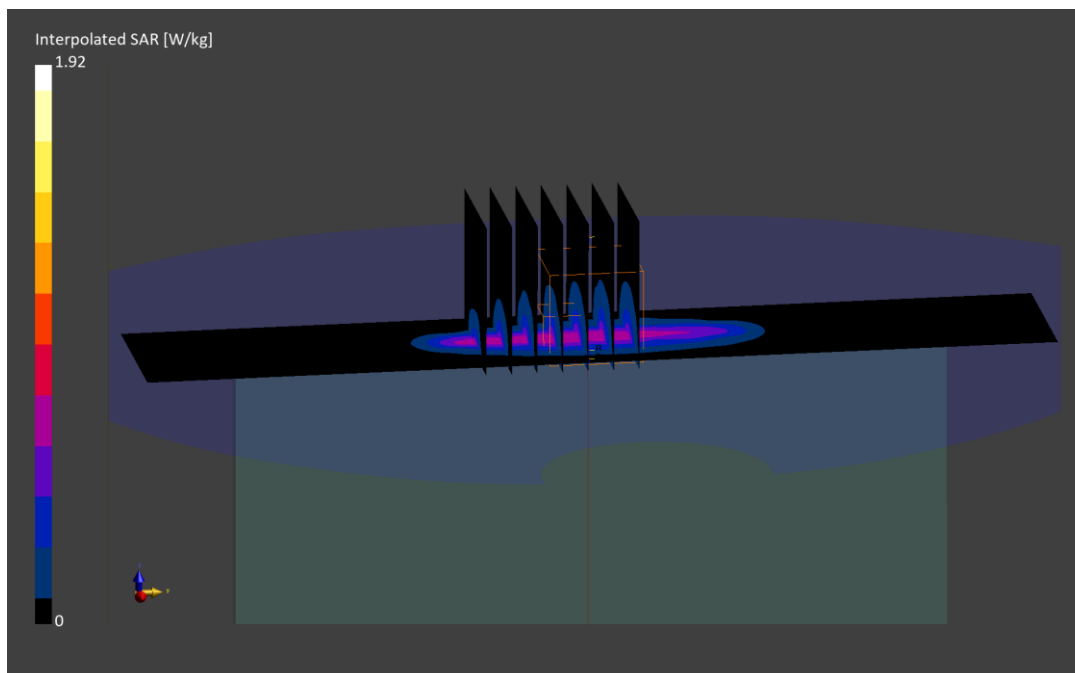
Reference Value = 0.52 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.604 W/kg

Smallest distance from peaks to all points 3 dB below is 5.1 mm

Ratio of SAR at M2 to SAR at M1 = 59.7 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1049M

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 826.400 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 826.400 MHz; cond = 0.915 S/m; perm = 41.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/17/2025; Ambient Temp: 24.1°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7406; ConvF:(9.29,8.78,9.79); Calibrated: 2024-07-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 850, Antenna M1, Exp: Body, Laptop| Bottom Edge, Ch. Low

Area Scan (50.0 x 300.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 42.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

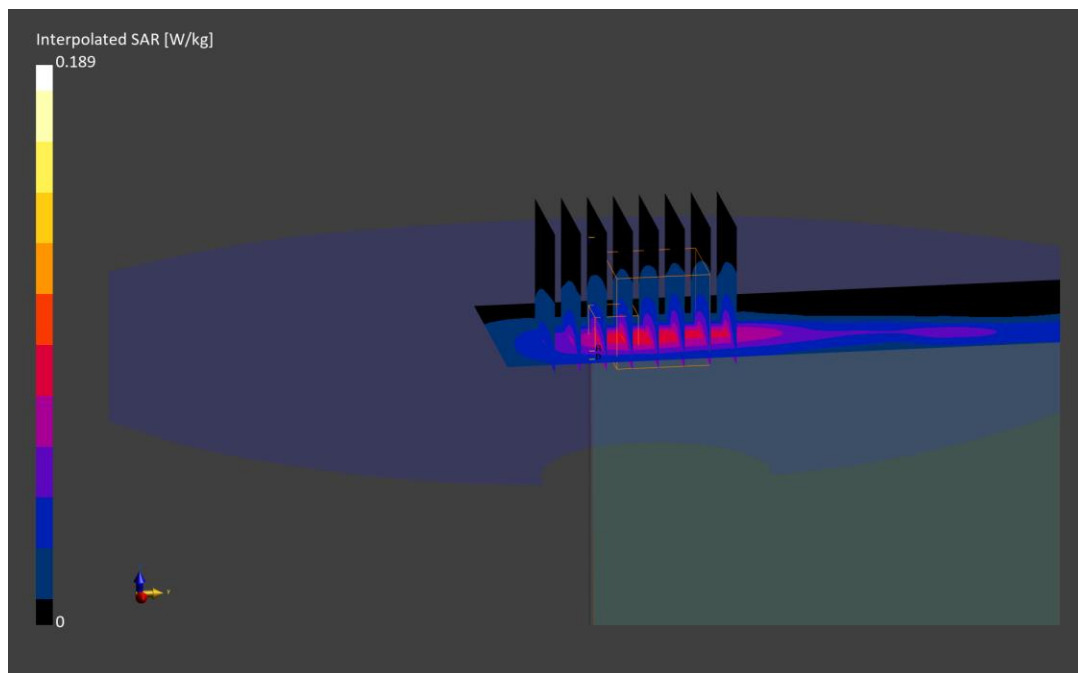
Reference Value = 0.06 W/kg; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.080 W/kg

Smallest distance from peaks to all points 3 dB below is 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 75.0 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 0971M

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1752.600 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1752.600 MHz; cond = 1.34 S/m; perm = 39.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/15/2025; Ambient Temp: 23.2°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7417; ConvF:(7.97,7.46,7.57); Calibrated: 2025-02-12

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn665; Calibrated: 2025-02-06

Phantom: Twin-SAM V5.0; Serial: 1759

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 1750, Antenna M1, Exp: Body| Top Edge, Ch. High

Area Scan (60.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (30.6 x 30.6 x 33.4): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4

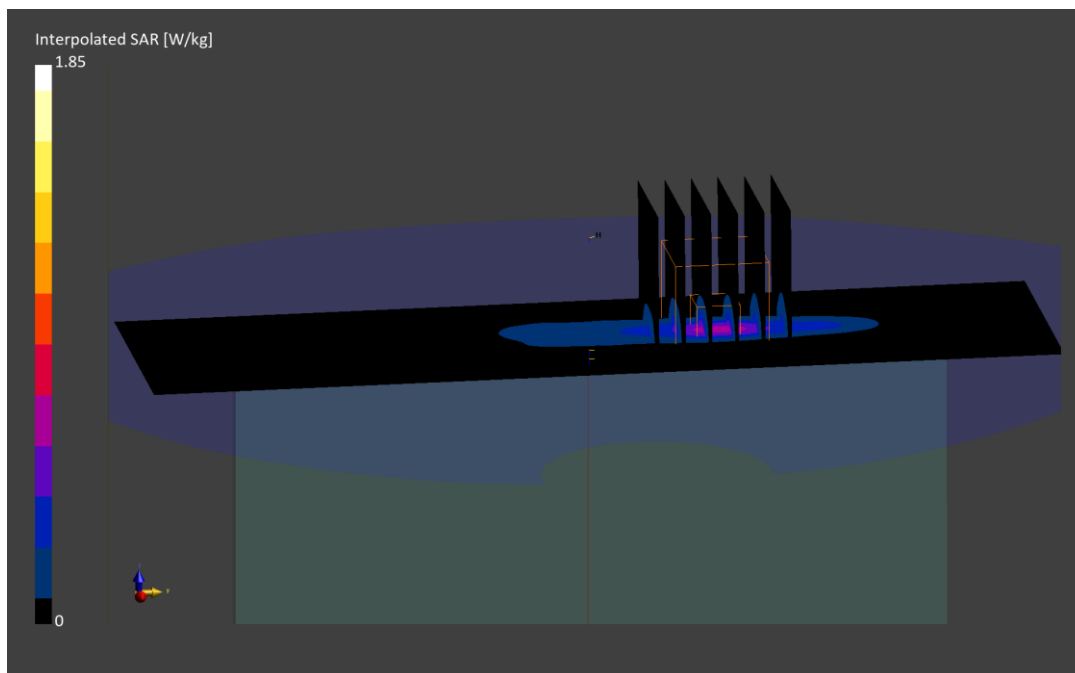
Reference Value = 0.30 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.503 W/kg

Smallest distance from peaks to all points 3 dB below is 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 64.9 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 0971M

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1752.600 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1752.600 MHz; cond = 1.34 S/m; perm = 40.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/17/2025; Ambient Temp: 20.7°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7659; ConvF:(8.68,8.33,8.44); Calibrated: 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 1750, Antenna M1, Exp: Body, Laptop| Bottom Edge, Ch. High

Area Scan (40.0 x 300.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (42.0 x 42.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

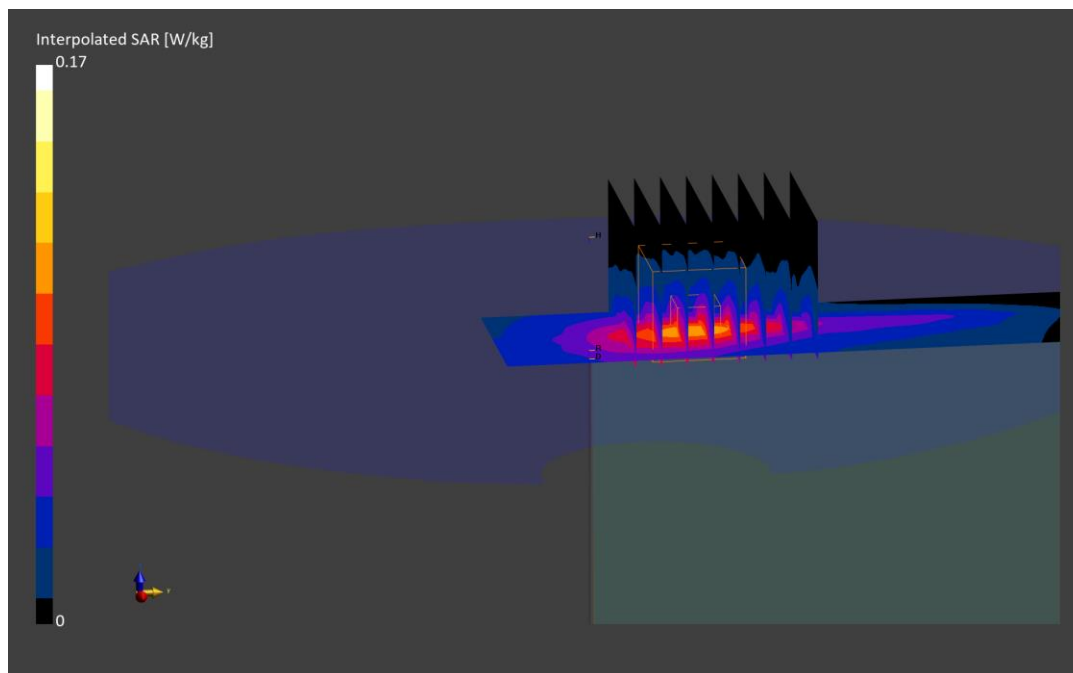
Reference Value = 0.08 W/kg; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.170 W/kg

SAR(1 g) = 0.088 W/kg

Smallest distance from peaks to all points 3 dB below is 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 79.0 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 0971M

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1907.600 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1907.600 MHz; cond = 1.43 S/m; perm = 39.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/17/2025; Ambient Temp: 20.7°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7659; ConvF:(8.38,8.04,8.14); Calibrated: 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 1900, Antenna M1, Exp: Body| Top Edge, Ch. High

Area Scan (40.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (36.0 x 36.0 x 31.2): Measurement grid: dx=3.6 mm, dy=3.6 mm, dz=1.5 mm; Graded Ratio: 1.5

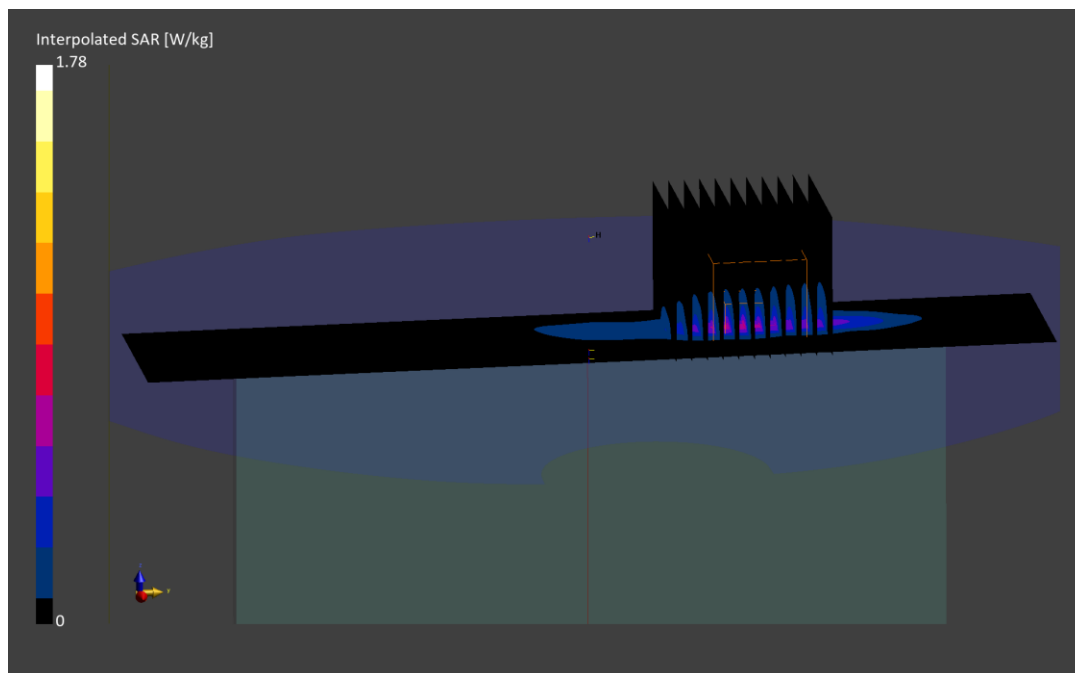
Reference Value = 0.37 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.509 W/kg

Smallest distance from peaks to all points 3 dB below is 4.4 mm

Ratio of SAR at M2 to SAR at M1 = 66.4 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 0971M

Communication System: UID:10011 - CAC, WCDMA; MAIA: Y; Frequency: 1907.600 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1907.600 MHz; cond = 1.43 S/m; perm = 39.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/17/2025; Ambient Temp: 20.7°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7659; ConvF:(8.38,8.04,8.14); Calibrated: 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

Mode: UMTS 1900, Antenna M1, Exp: Body, Laptop| Bottom Edge, Ch. High

Area Scan (40.0 x 300.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (48.0 x 42.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

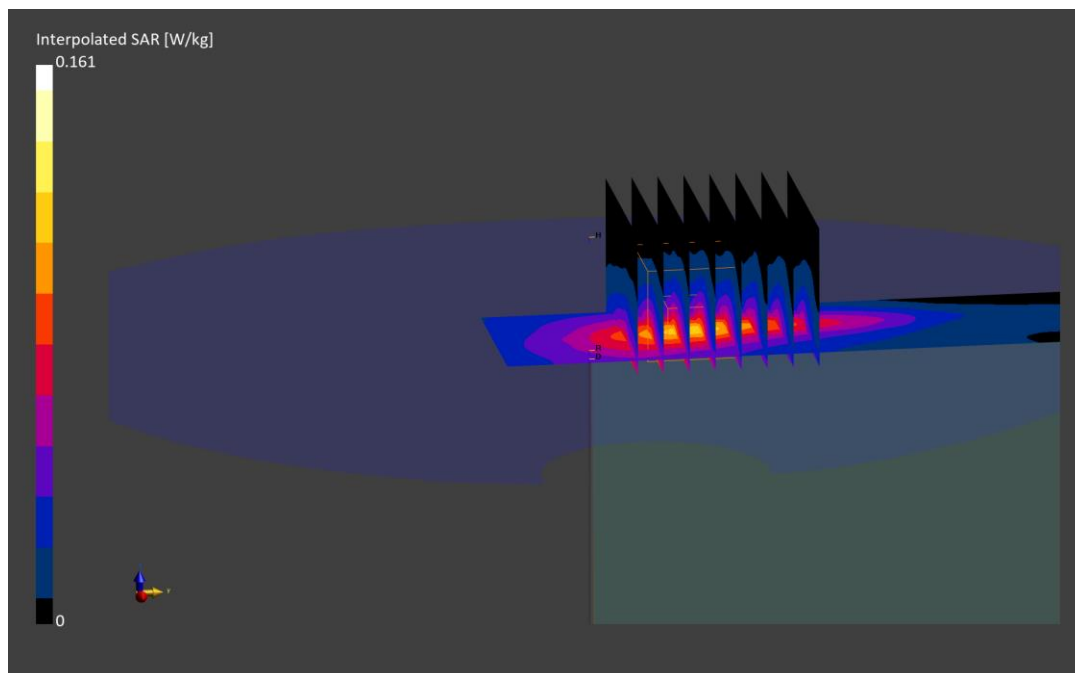
Reference Value = 0.08 W/kg; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.089 W/kg

Smallest distance from peaks to all points 3 dB below is 11.1 mm

Ratio of SAR at M2 to SAR at M1 = 82.9 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1049M

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 707.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 707.500$ MHz; $\text{cond} = 0.873$ S/m; $\text{perm} = 41.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/09/2025; Ambient Temp: 22.6°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7713; ConvF:(10.6,9.87,9.6); Calibrated: 2025-01-07

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1530; Calibrated: 2025-01-13

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 12, Antenna M1, Exp: Body| Top Edge, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

Area Scan (40.0 x 210.0): Measurement grid: $dx=5.0$ mm, $dy=15.0$ mm

Zoom Scan (33.0 x 33.0 x 31.2): Measurement grid: $dx=3.3$ mm, $dy=3.3$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

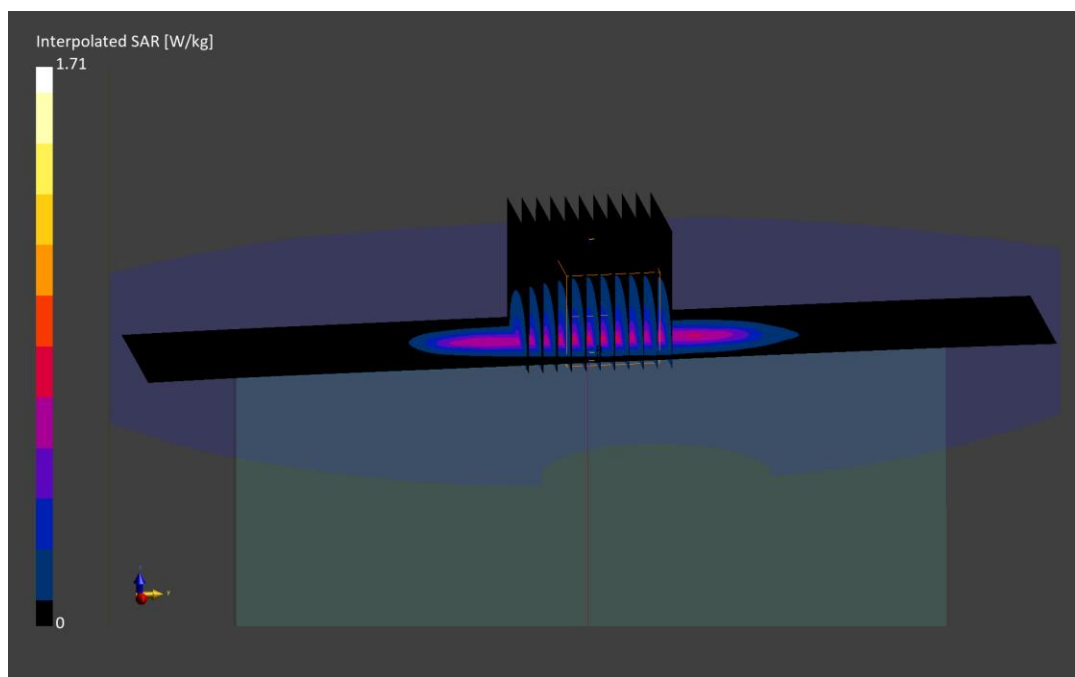
Reference Value = 0.70 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.568 W/kg

Smallest distance from peaks to all points 3 dB below is 5.3 mm

Ratio of SAR at M2 to SAR at M1 = 62.2 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1049M

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 707.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 707.500 MHz; cond = 0.874 S/m; perm = 41.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/17/2025; Ambient Temp: 24.1°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7406; ConvF:(9.51,8.99,10.02); Calibrated: 2024-07-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 12, Antenna M1, Exp: Body, Laptop| Bottom Edge, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset**

Area Scan (60.0 x 300.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (34.2 x 34.2 x 31.2): Measurement grid: dx=3.8 mm, dy=3.8 mm, dz=1.5 mm; Graded Ratio: 1.5

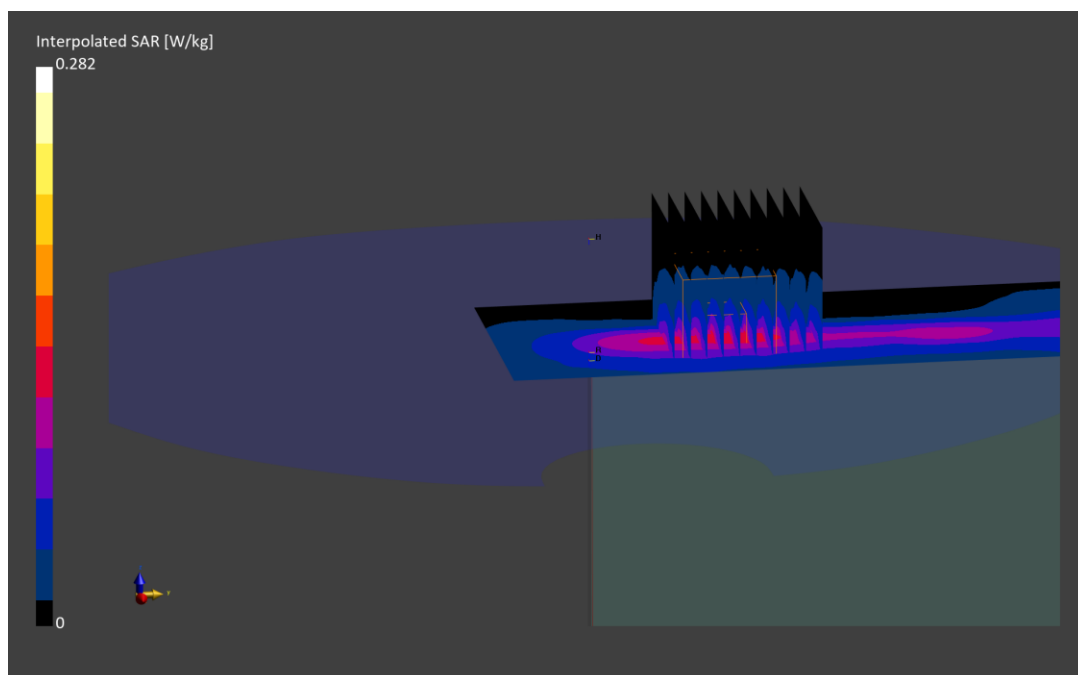
Reference Value = 0.09 W/kg; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.111 W/kg

Smallest distance from peaks to all points 3 dB below is 6.2 mm

Ratio of SAR at M2 to SAR at M1 = 70.9 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1049M

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 782.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 782.000 MHz; cond = 0.900 S/m; perm = 41.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/11/2025; Ambient Temp: 22.6°C; Tissue Temp: 23.4°C

Probe: EX3DV4 - SN7713; ConvF:(10.6,9.87,9.6); Calibrated: 2025-01-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1530; Calibrated: 2025-01-13

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 13, Antenna M1, Exp: Body| Top Edge, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

Area Scan (60.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

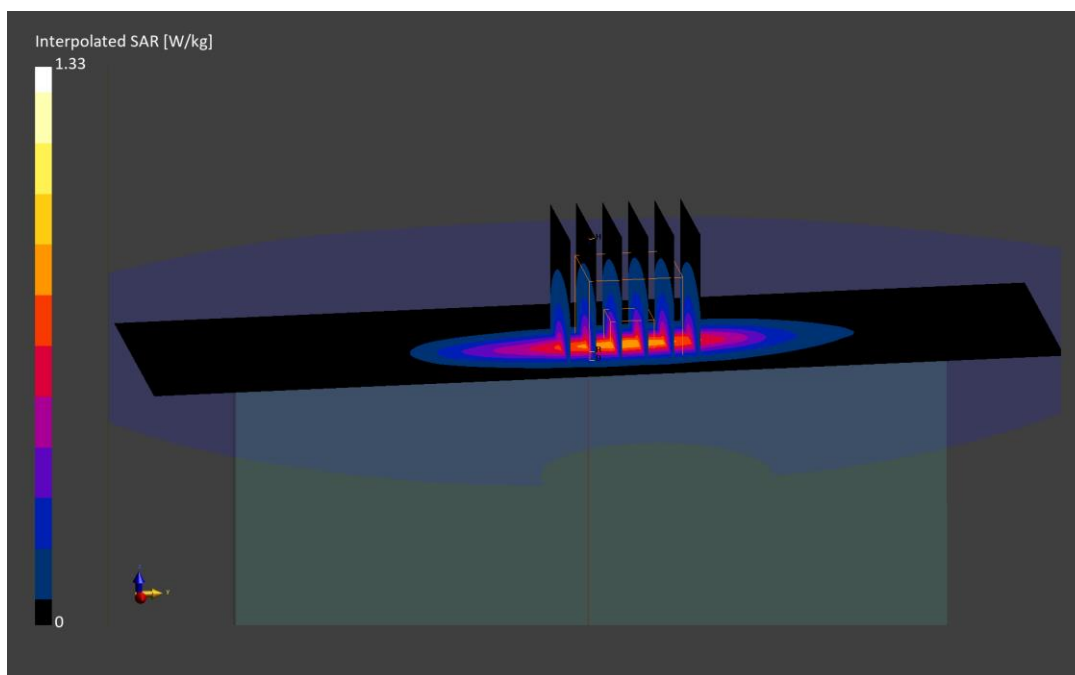
Reference Value = 0.71 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.651 W/kg

Smallest distance from peaks to all points 3 dB below is 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 79.5 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1049M

Communication System: UID:10175 - CAH, LTE-FDD; MAIA: Y; Frequency: 782.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 782.000 MHz; cond = 0.900 S/m; perm = 41.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/17/2025; Ambient Temp: 24.1°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7406; ConvF:(9.51,8.99,10.02); Calibrated: 2024-07-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 13, Antenna M1, Exp: Body, Laptop| Bottom Edge, Ch. Mid,
10 MHz Bandwidth, QPSK, 1 RB, 25 RB Offset**

Area Scan (60.0 x 300.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

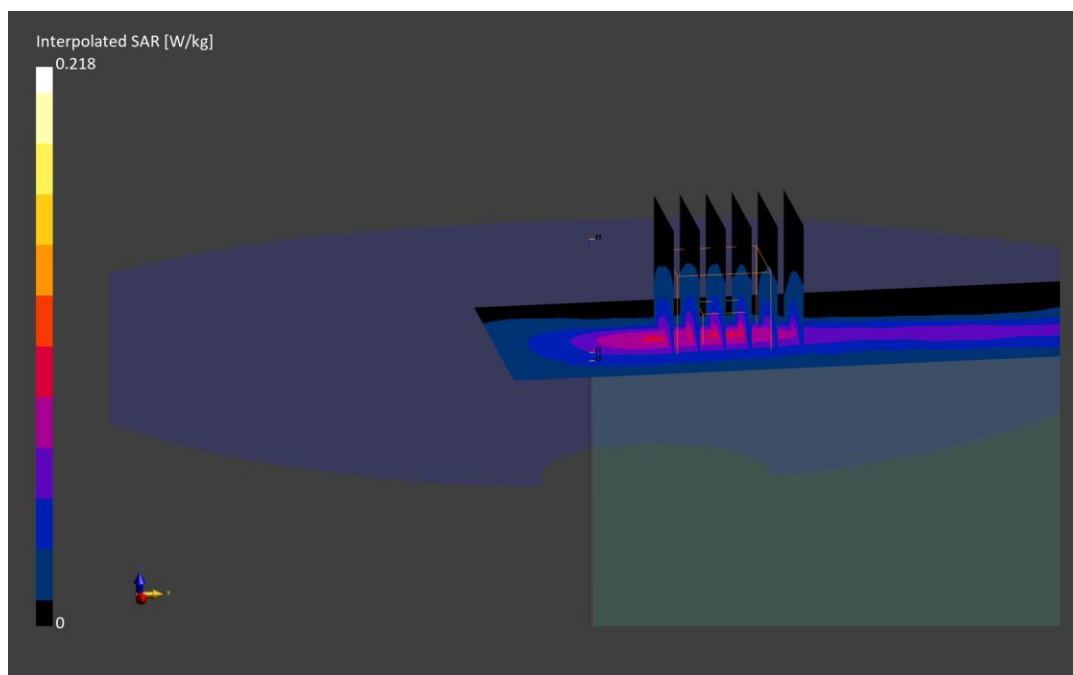
Reference Value = 0.07 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.092 W/kg

Smallest distance from peaks to all points 3 dB below is 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 70.9 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1049M

Communication System: UID:10181 - CAF, LTE-FDD; MAIA: Y; Frequency: 831.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 831.500$ MHz; $\text{cond} = 0.913$ S/m; $\text{perm} = 41.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 19.00 mm

Test Date: 06/09/2025; Ambient Temp: 22.6°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7713; ConvF:(10.56,9.83,9.56); Calibrated: 2025-01-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1530; Calibrated: 2025-01-13

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 26, Antenna M1, Exp: Body| Top Edge, Ch. Mid,
15 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

Area Scan (40.0 x 210.0): Measurement grid: $dx=5.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

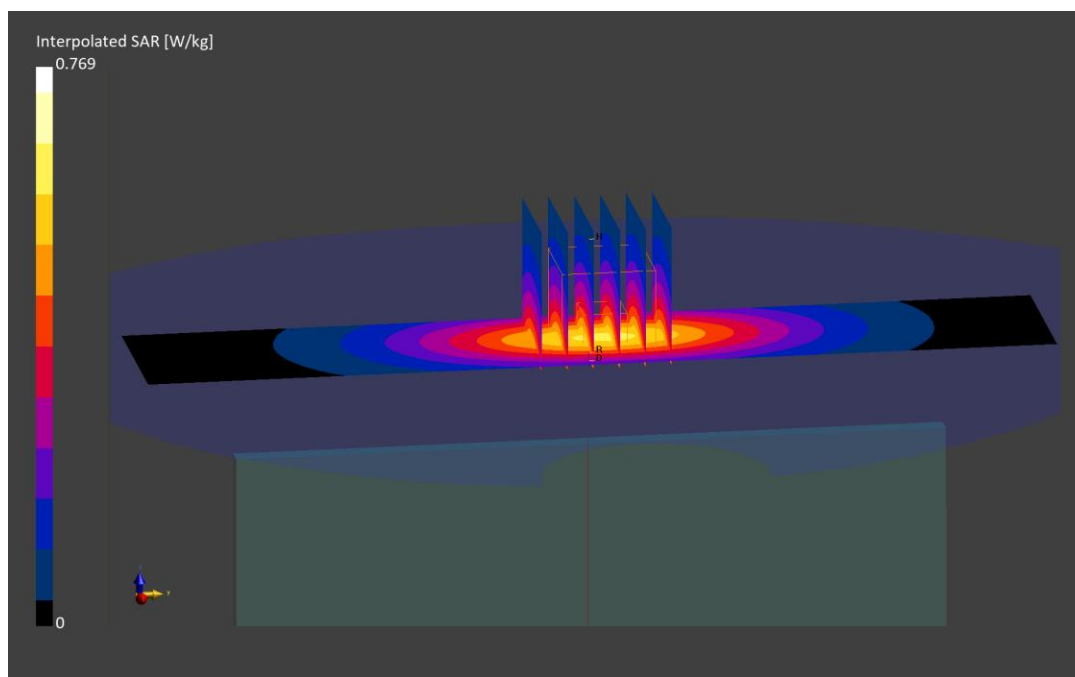
Reference Value = 0.52 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.769 W/kg

SAR(1 g) = 0.526 W/kg

Smallest distance from peaks to all points 3 dB below is 22.2 mm

Ratio of SAR at M2 to SAR at M1 = 88.1 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1049M

Communication System: UID:10181 - CAF, LTE-FDD; MAIA: Y; Frequency: 831.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 831.500$ MHz; $\text{cond} = 0.917$ S/m; $\text{perm} = 41.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/17/2025; Ambient Temp: 24.1°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7406; ConvF:(9.29,8.78,9.79); Calibrated: 2024-07-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 26, Antenna M1, Exp: Body, Laptop| Bottom Edge, Ch. Mid,
15 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

Area Scan (40.0 x 300.0): Measurement grid: $dx=5.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 36.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

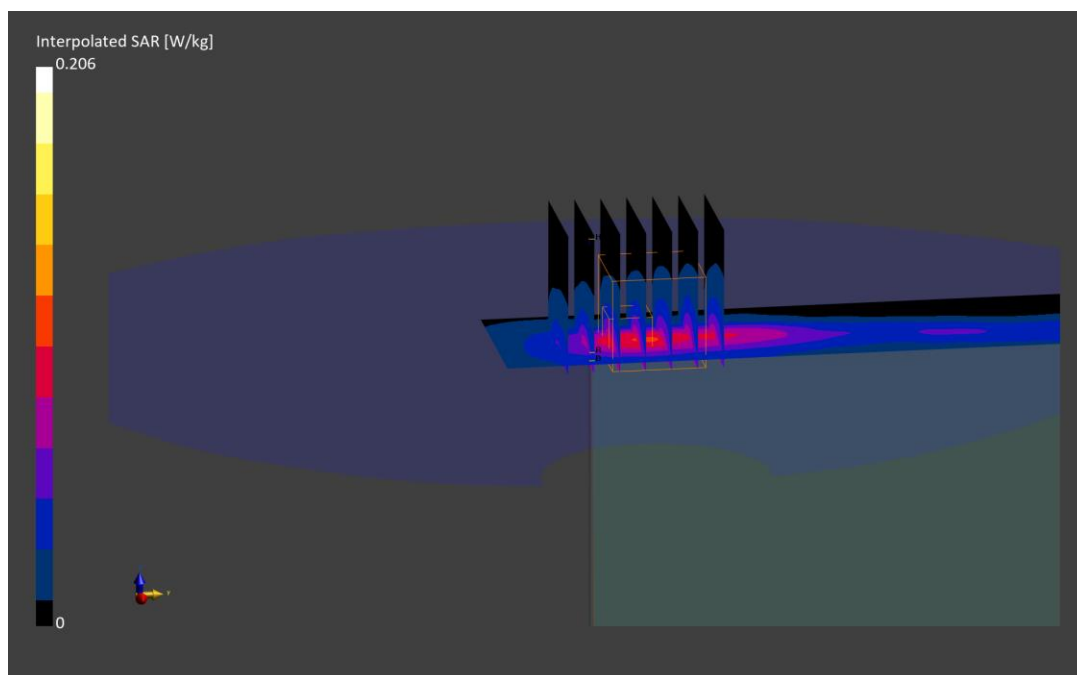
Reference Value = 0.07 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.206 W/kg

SAR(1 g) = 0.086 W/kg

Smallest distance from peaks to all points 3 dB below is 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 69.3 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1028M

Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 1770.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1770.000 MHz; cond = 1.34 S/m; perm = 39.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/15/2025; Ambient Temp: 21.1°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7659; ConvF:(8.68,8.33,8.44); Calibrated: 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 66, Antenna S3, Exp: Body| Back Side, Ch. High,
20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset**

Area Scan (210.0 x 300.0): Measurement grid: dx=15.0 mm, dy=15.0 mm

Zoom Scan (33.0 x 33.0 x 31.2): Measurement grid: dx=5.5 mm, dy=5.5 mm, dz=1.5 mm; Graded Ratio: 1.5

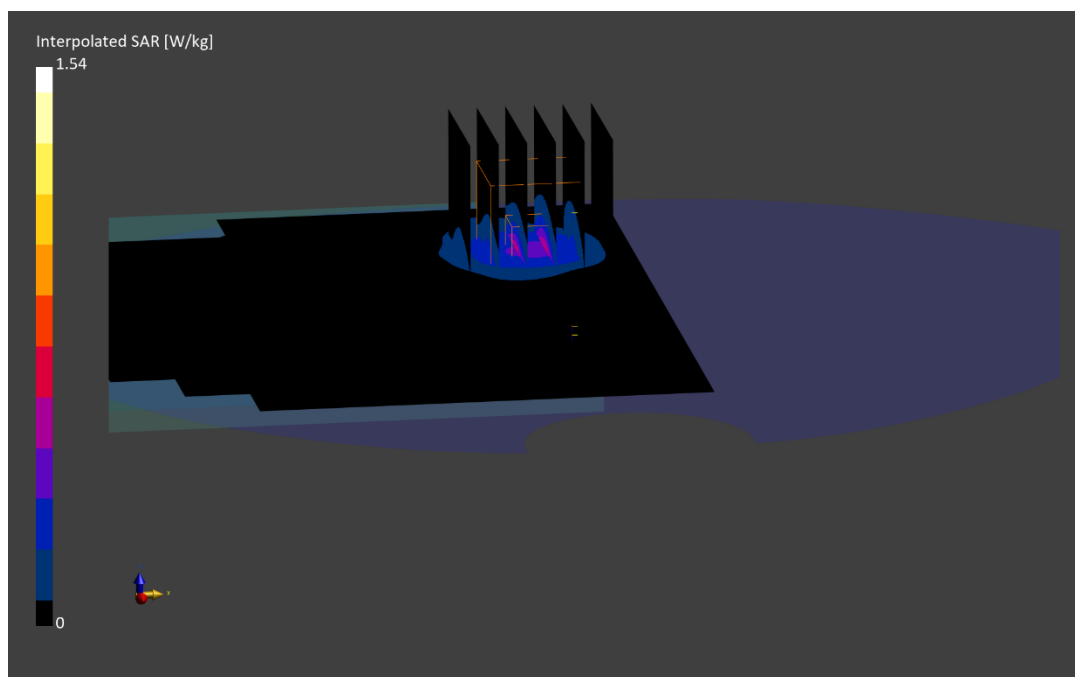
Reference Value = 0.43 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.569 W/kg

Smallest distance from peaks to all points 3 dB below is 6.6 mm

Ratio of SAR at M2 to SAR at M1 = 72.2 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 0980M

Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 1770.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1770.000 MHz; cond = 1.35 S/m; perm = 39.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/17/2025; Ambient Temp: 20.7°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7659; ConvF:(8.68,8.33,8.44); Calibrated: 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 66, Antenna S3, Exp: Body, Laptop| Bottom Edge, Ch. High,
20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset**

Area Scan (40.0 x 300.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

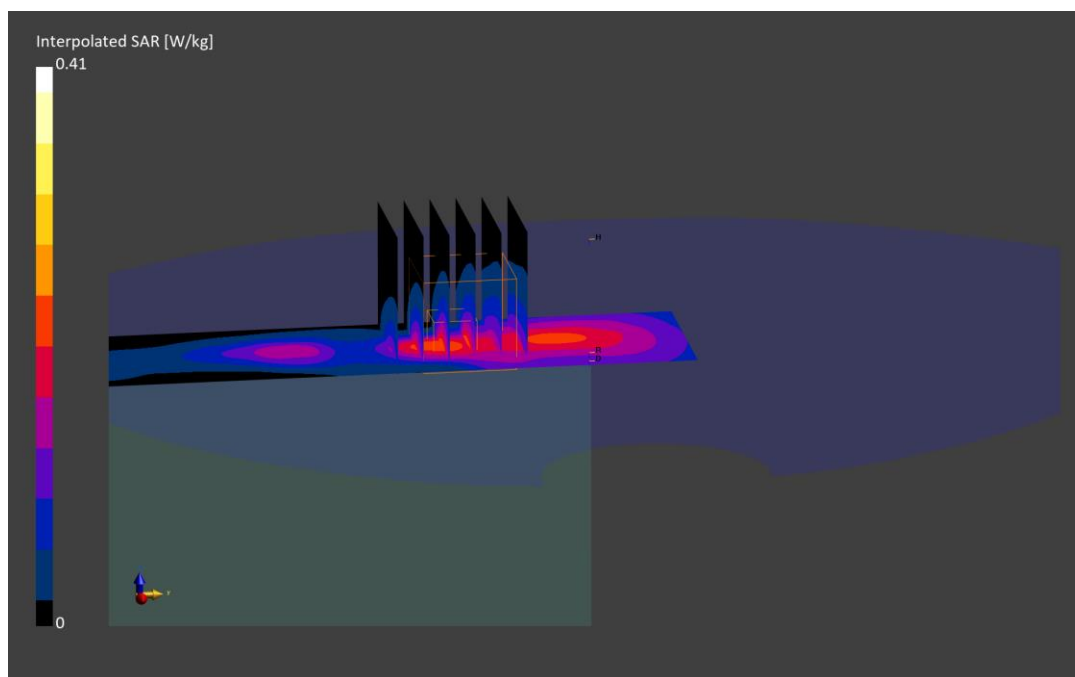
Reference Value = 0.17 W/kg; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 g) = 0.200 W/kg

Smallest distance from peaks to all points 3 dB below is 7.3 mm

Ratio of SAR at M2 to SAR at M1 = 80.8 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 0980M

Communication System: UID:10297 - AAE, LTE-FDD; MAIA: Y; Frequency: 1882.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 1882.500$ MHz; $\text{cond} = 1.43$ S/m; $\text{perm} = 41.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/11/2025; Ambient Temp: 21.6°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7659; ConvF:(8.38,8.04,8.14); Calibrated: 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 25, Antenna M1, Exp: Body| Top Edge, Ch. Mid,
20 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset**

Area Scan (40.0 x 210.0): Measurement grid: $dx=5.0$ mm, $dy=15.0$ mm

Zoom Scan (31.9 x 31.9 x 31.2): Measurement grid: $dx=2.9$ mm, $dy=2.9$ mm, $dz=1.2$ mm; Graded Ratio: 1.2

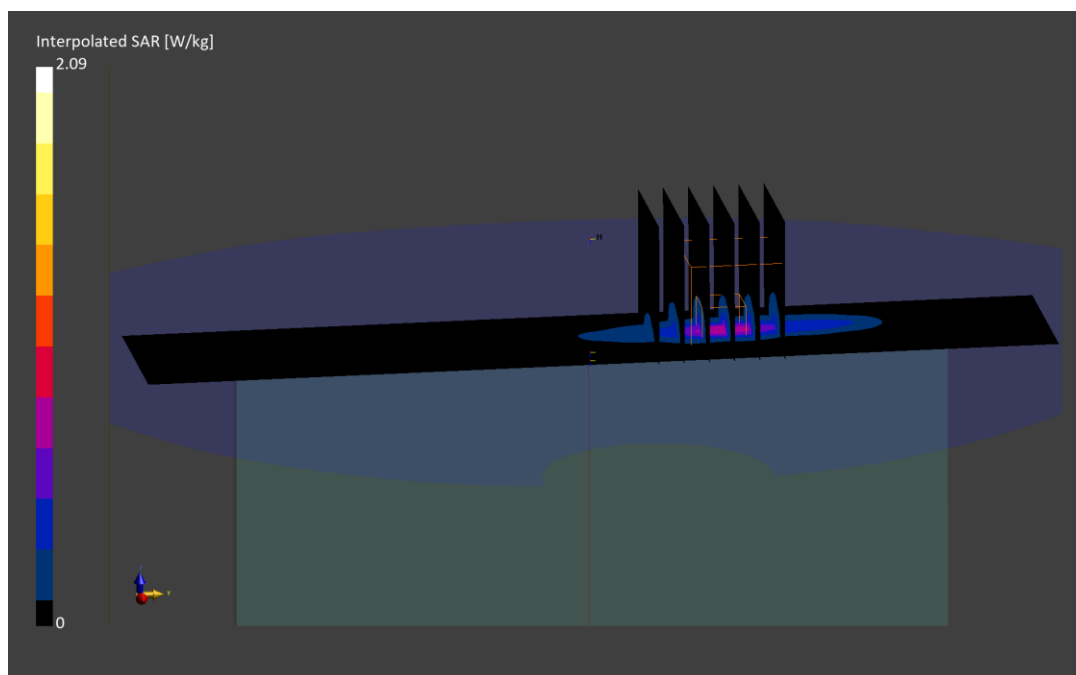
Reference Value = 0.18 W/kg; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.553 W/kg

Smallest distance from peaks to all points 3 dB below is 4.7 mm

Ratio of SAR at M2 to SAR at M1 = 68.4 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 0971M

Communication System: UID:10169 - CAF, LTE-FDD; MAIA: Y; Frequency: 1882.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 1882.500$ MHz; $\text{cond} = 1.42$ S/m; $\text{perm} = 39.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/17/2025; Ambient Temp: 20.7°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7659; ConvF:(8.38,8.04,8.14); Calibrated: 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 25, Antenna M1, Exp: Body, Laptop| Bottom Edge, Ch. Mid,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

Area Scan (40.0 x 300.0): Measurement grid: $dx=5.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

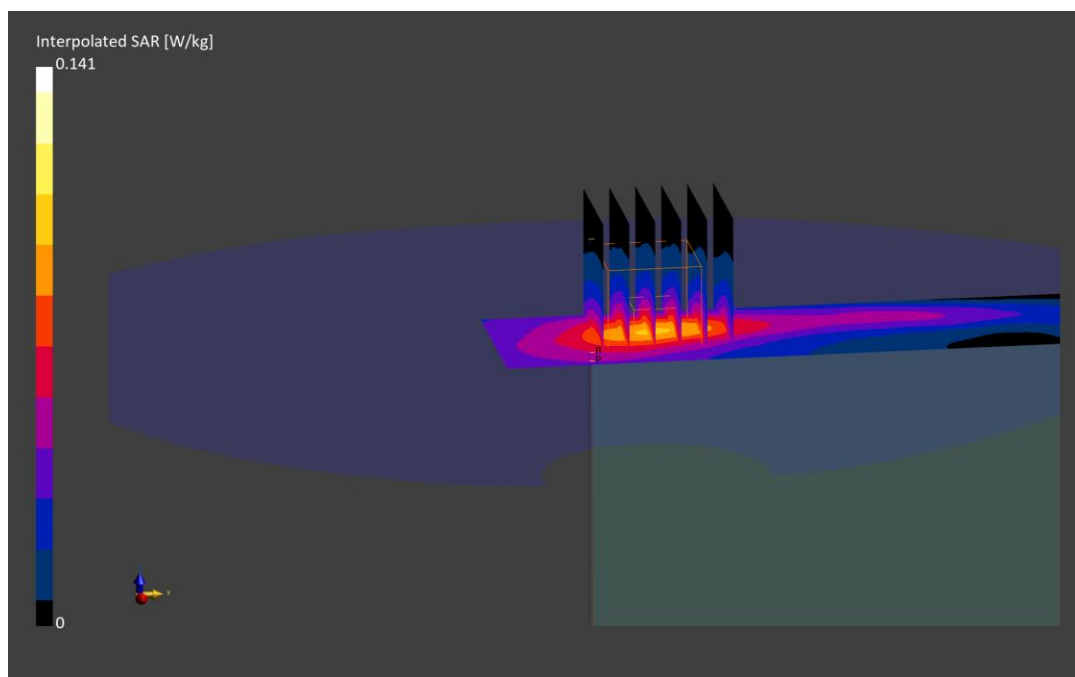
Reference Value = 0.07 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.141 W/kg

SAR(1 g) = 0.082 W/kg

Smallest distance from peaks to all points 3 dB below is 13.2 mm

Ratio of SAR at M2 to SAR at M1 = 84.0 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 0980M

Communication System: UID:10494 - AAG, LTE-TDD; MAIA: Y; Frequency: 2506.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2506.000$ MHz; $\text{cond} = 1.88$ S/m; $\text{perm} = 39.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/19/2025; Ambient Temp: 20.3°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7417; ConvF:(7.48,7.01,7.11); Calibrated: 2025-02-12

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn665; Calibrated: 2025-02-06

Phantom: Twin-SAM V5.0; Serial: 1759

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 41, Antenna M1, Exp: Body| Top Edge, Ch. Low,
20 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset**

Area Scan (60.0 x 220.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (37.4 x 37.4 x 33.4): Measurement grid: $dx=3.4$ mm, $dy=3.4$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

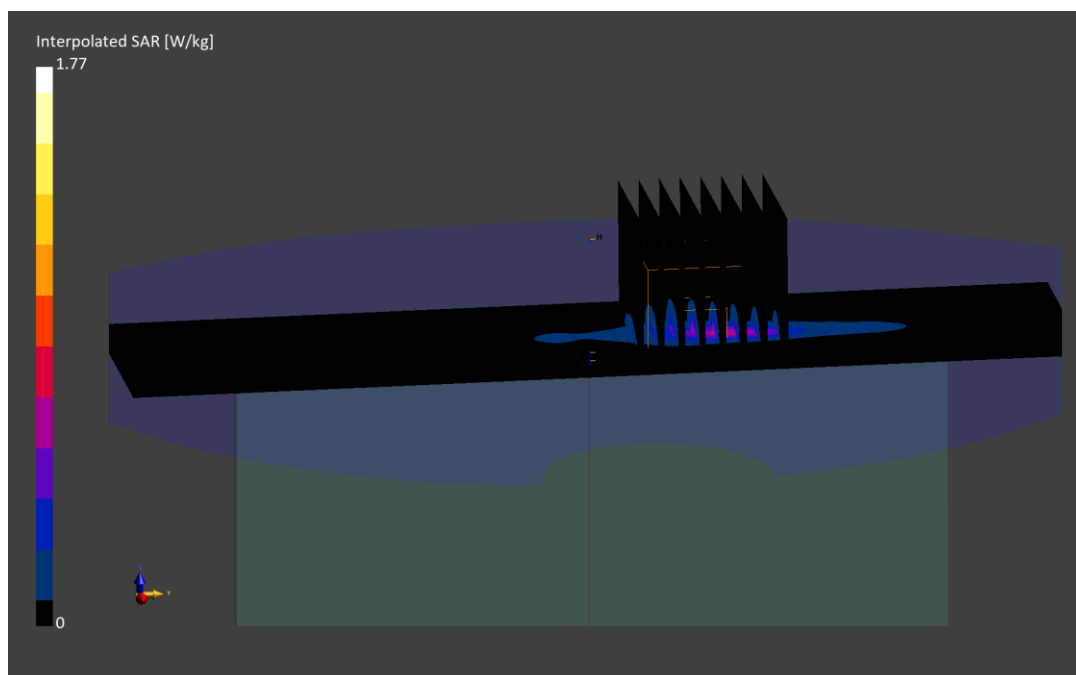
Reference Value = 0.57 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.484 W/kg

Smallest distance from peaks to all points 3 dB below is 4.4 mm

Ratio of SAR at M2 to SAR at M1 = 67.1 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1049M

Communication System: UID:10172 - CAH, LTE-TDD; MAIA: Y; Frequency: 2506.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 2506.000 MHz; cond = 1.82 S/m; perm = 40.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/02/2025; Ambient Temp: 24.0°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7713; ConvF:(8.4,7.82,7.61); Calibrated: 2025-01-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1530; Calibrated: 2025-01-13

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: LTE Band 41, HPUE, Antenna M1, Exp: Body, Laptop| Bottom Edge, Ch. Low,
20 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset**

Area Scan (40.0 x 300.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

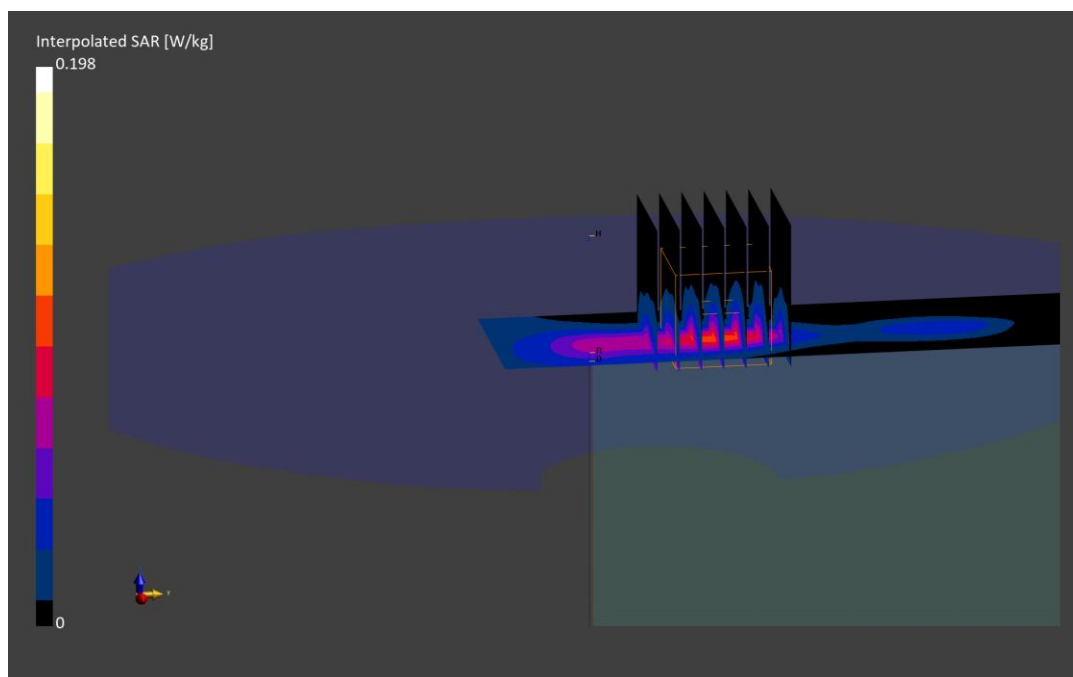
Reference Value = 0.08 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.086 W/kg

Smallest distance from peaks to all points 3 dB below is 7.0 mm

Ratio of SAR at M2 to SAR at M1 = 74.4 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1049M

Communication System: UID:10931 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 836.500$ MHz; $\text{cond} = 0.919$ S/m; $\text{perm} = 41.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 19.00 mm

Test Date: 06/17/2025; Ambient Temp: 24.1°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7406; ConvF:(9.29,8.78,9.79); Calibrated: 2024-07-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n5, Antenna M1, Exp: Body| Top Edge, Ch. 167300,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (40.0 x 210.0): Measurement grid: $dx=5.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

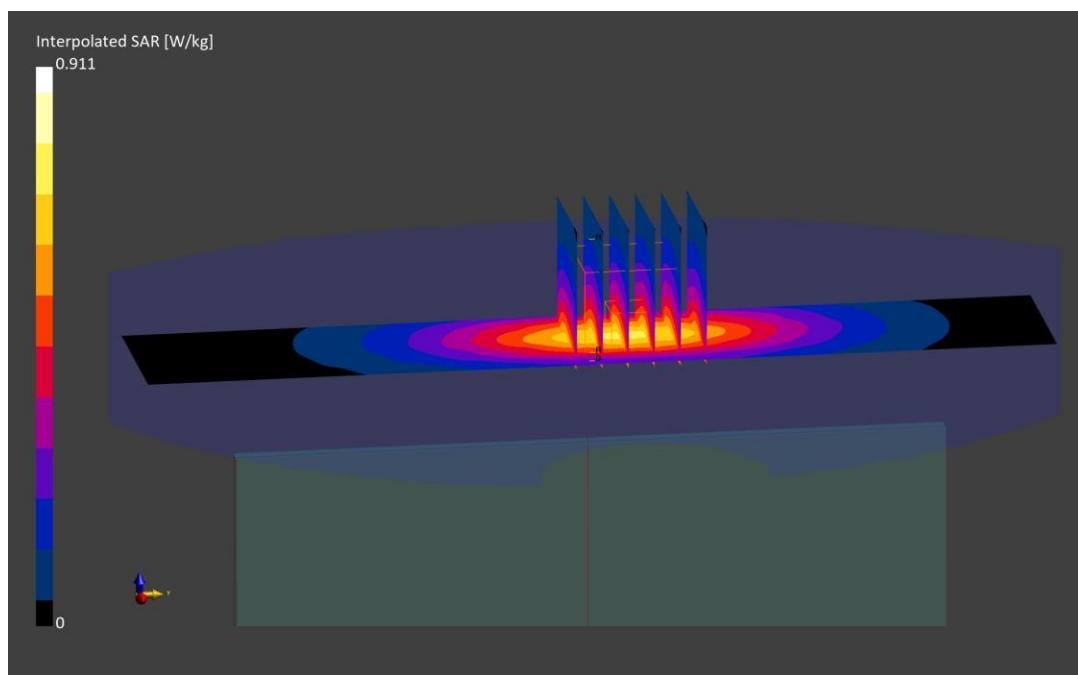
Reference Value = 0.55 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.911 W/kg

SAR(1 g) = 0.617 W/kg

Smallest distance from peaks to all points 3 dB below is > 15.0 mm

Ratio of SAR at M2 to SAR at M1 = 88.8 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 0149M

Communication System: UID:10939 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 836.500 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 836.500$ MHz; $\text{cond} = 0.919$ S/m; $\text{perm} = 41.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/17/2025; Ambient Temp: 24.1°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7406; ConvF:(9.29,8.78,9.79); Calibrated: 2024-07-05

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1677; Calibrated: 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n5, Antenna M1, Exp: Body, Laptop| Bottom Edge, Ch. 167300,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 28 RB Offset**

Area Scan (40.0 x 300.0): Measurement grid: $dx=5.0$ mm, $dy=15.0$ mm

Zoom Scan (42.0 x 42.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

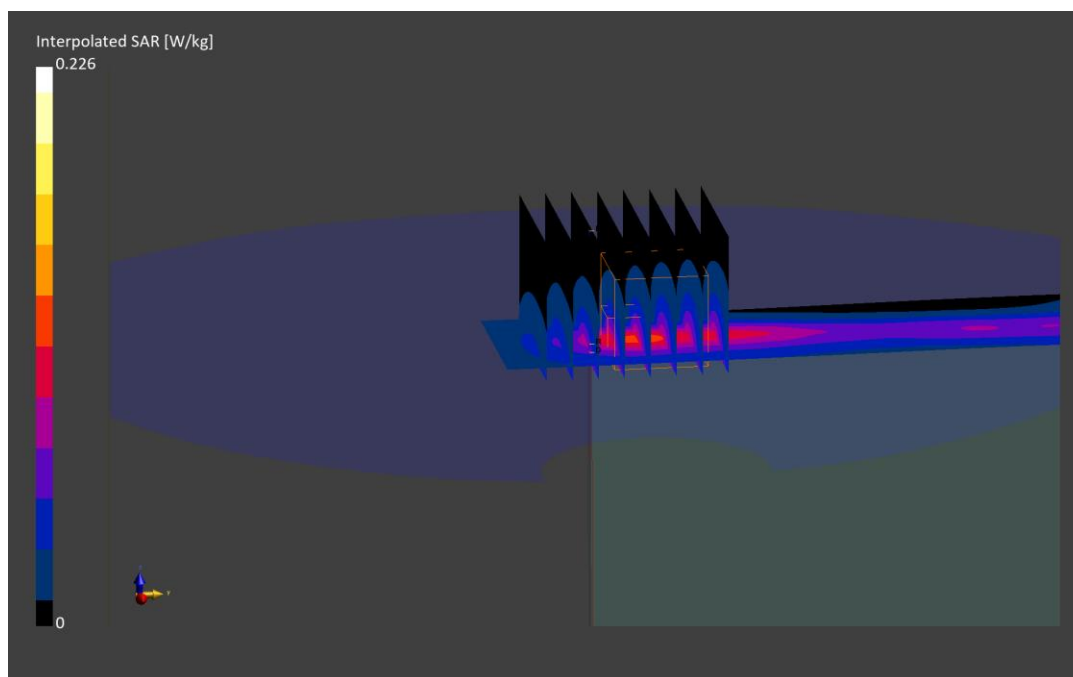
Reference Value = 0.03 W/kg; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.226 W/kg

SAR(1 g) = 0.096 W/kg

Smallest distance from peaks to all points 3 dB below is 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 70.0 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 0971M

Communication System: UID:10773 - AAF, CW; MAIA: Y; Frequency: 1745.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1745.000 MHz; cond = 1.34 S/m; perm = 39.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/24/2025; Ambient Temp: 20.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7659; ConvF:(8.68,8.33,8.44); Calibrated: 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n66, Antenna M1, Exp: Body| Top Edge, Ch. 349000,
40 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (40.0 x 210.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (36.9 x 36.9 x 33.4): Measurement grid: dx=4.1 mm, dy=4.1 mm, dz=1.4 mm; Graded Ratio: 1.4

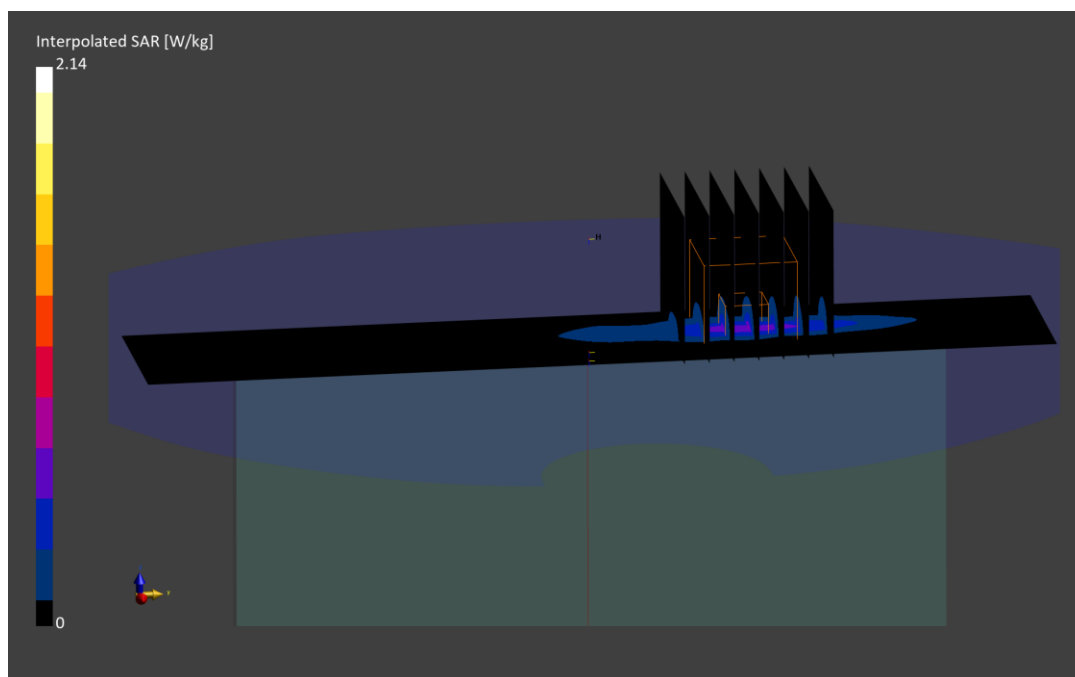
Reference Value = 0.38 W/kg; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 0.526 W/kg

Smallest distance from peaks to all points 3 dB below is 4.7 mm

Ratio of SAR at M2 to SAR at M1 = 60.5 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 0971M

Communication System: UID:10934 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1745.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1745.000 MHz; cond = 1.34 S/m; perm = 40.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/17/2025; Ambient Temp: 20.7°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7659; ConvF:(8.68,8.33,8.44); Calibrated: 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n66, Antenna M1, Exp: Body, Laptop| Bottom Edge, Ch. 349000,
40 MHz Bandwidth, DFT-s-OFDM QPSK, 1 RB, 108 RB Offset**

Area Scan (40.0 x 300.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (42.0 x 42.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

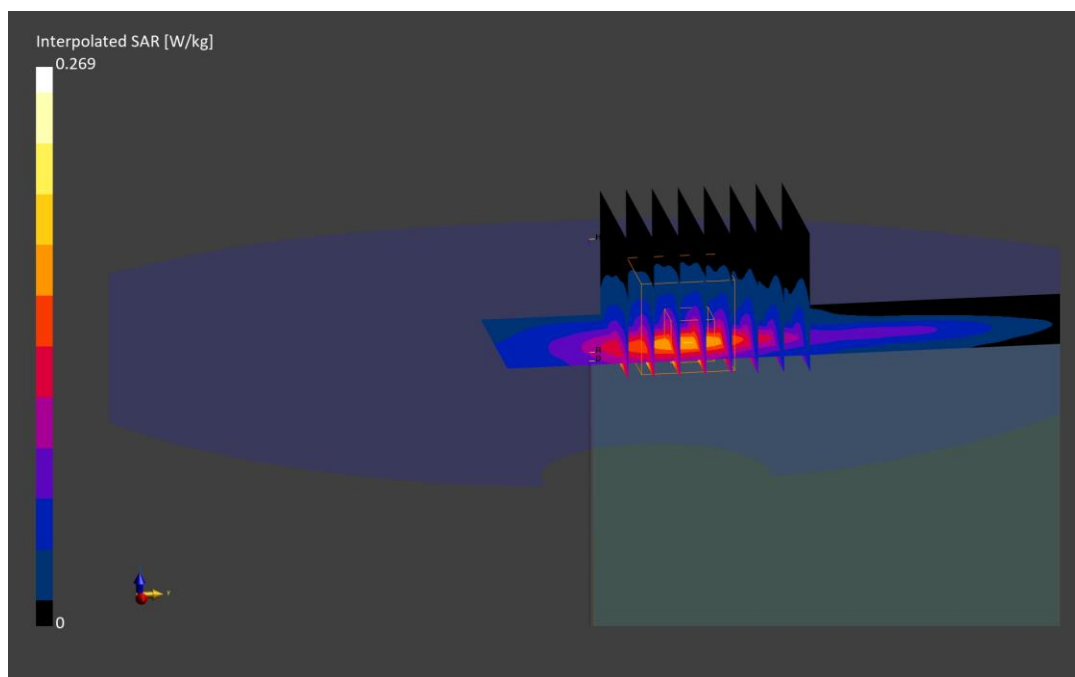
Reference Value = 0.13 W/kg; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.269 W/kg

SAR(1 g) = 0.141 W/kg

Smallest distance from peaks to all points 3 dB below is 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 82.0 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 0980M

Communication System: UID:10770 - AAE, CW; MAIA: Y; Frequency: 1860.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 1860.000$ MHz; $\text{cond} = 1.41$ S/m; $\text{perm} = 38.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/24/2025; Ambient Temp: 20.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7659; ConvF:(8.38,8.04,8.14); Calibrated: 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n25, Antenna M1, Exp: Body| Top Edge, Ch. 376500,
20 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (40.0 x 210.0): Measurement grid: $dx=5.0$ mm, $dy=15.0$ mm

Zoom Scan (34.2 x 34.2 x 33.4): Measurement grid: $dx=3.8$ mm, $dy=3.8$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

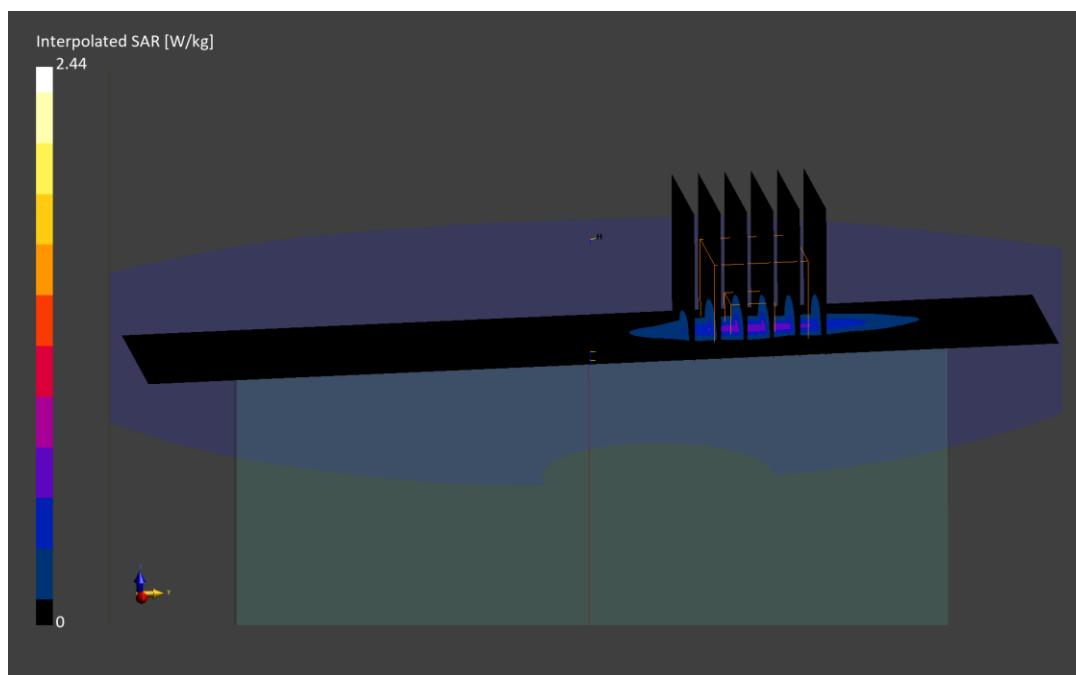
Reference Value = 0.45 W/kg; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.44 W/kg

SAR(1 g) = 0.607 W/kg

Smallest distance from peaks to all points 3 dB below is 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 61.7 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 0971M

Communication System: UID:10939 - AAC, 5G NR FR1 FDD; MAIA: Y; Frequency: 1905.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1905.000 MHz; cond = 1.43 S/m; perm = 39.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/17/2025; Ambient Temp: 20.7°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7659; ConvF:(8.38,8.04,8.14); Calibrated: 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n25, Antenna M1, Exp: Body, Laptop| Bottom Edge, Ch. 381000,
20 MHz Bandwidth, DFT-s-OFDM QPSK, 50 RB, 28 RB Offset**

Area Scan (40.0 x 300.0): Measurement grid: dx=5.0 mm, dy=15.0 mm

Zoom Scan (42.0 x 42.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

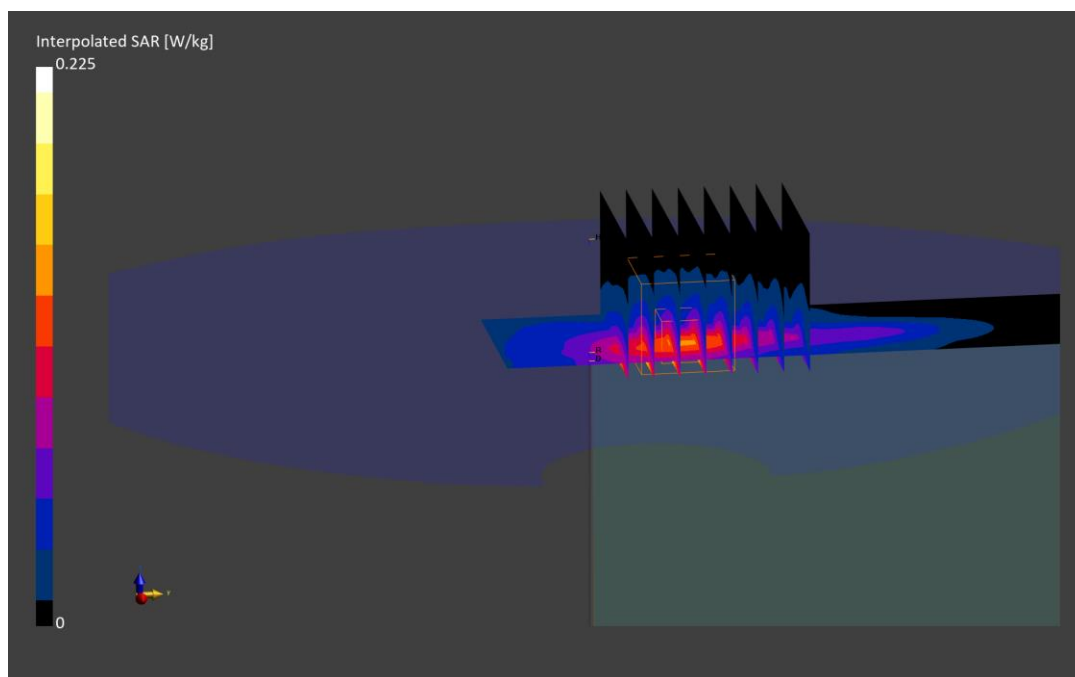
Reference Value = 0.10 W/kg; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.225 W/kg

SAR(1 g) = 0.114 W/kg

Smallest distance from peaks to all points 3 dB below is 10.8 mm

Ratio of SAR at M2 to SAR at M1 = 82.6 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1000M

Communication System: UID:10803 - AAF, 5G NR FR1 TDD; MAIA: Y; Frequency: 2592.990 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 2592.990 MHz; cond = 1.90 S/m; perm = 40.1; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/25/2025; Ambient Temp: 23.6°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7713; ConvF:(8.05,7.49,7.29); Calibrated: 2025-01-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1530; Calibrated: 2025-01-13

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n41, Antenna M1, Exp: Body| Top Edge, Ch. 518598,
100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (40.0 x 200.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (32.0 x 32.0 x 31.2): Measurement grid: dx=3.2 mm, dy=3.2 mm, dz=1.5 mm; Graded Ratio: 1.5

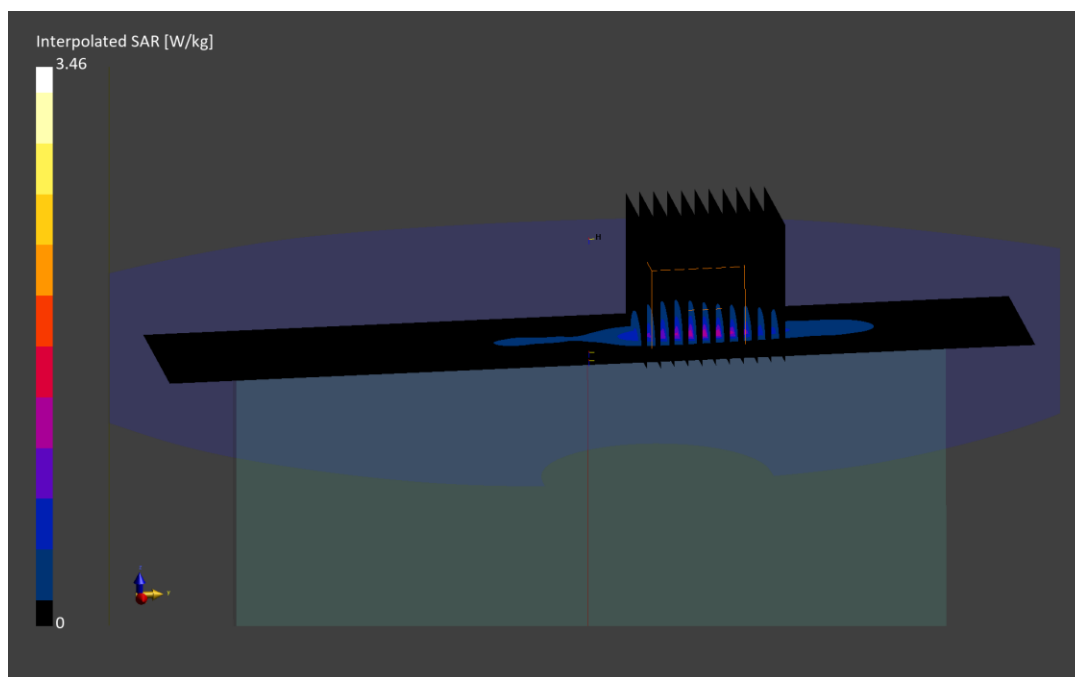
Reference Value = 0.89 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.46 W/kg

SAR(1 g) = 0.881 W/kg

Smallest distance from peaks to all points 3 dB below is 3.9 mm

Ratio of SAR at M2 to SAR at M1 = 61.0 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1497M

Communication System: UID:10803 - AAF, 5G NR FR1 TDD; MAIA: Y; Frequency: 2592.990 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 2592.990 MHz; cond = 1.89 S/m; perm = 40.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/02/2025; Ambient Temp: 24.0°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7713; ConvF:(8.05,7.49,7.29); Calibrated: 2025-01-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1530; Calibrated: 2025-01-13

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n41, Antenna M1, Exp: Body, Laptop| Bottom Edge, Ch. 518598,
100 MHz Bandwidth, CP-OFDM QPSK, 1 RB, 1 RB Offset**

Area Scan (40.0 x 300.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (40.0 x 40.0 x 31.2): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.5 mm; Graded Ratio: 1.5

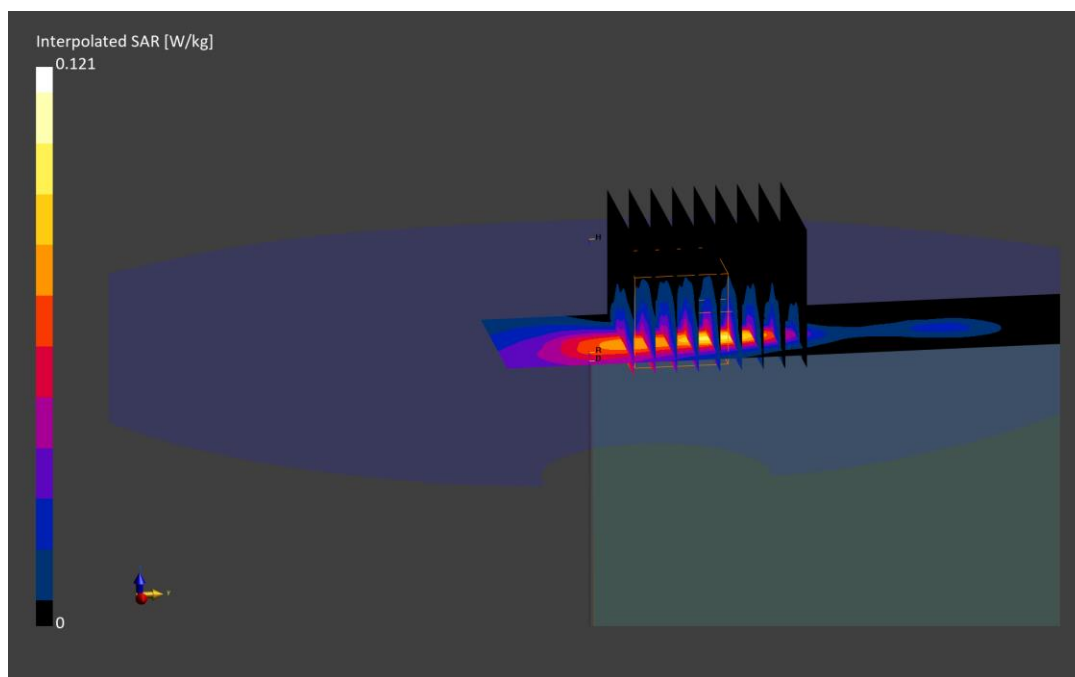
Reference Value = 0.05 W/kg; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.054 W/kg

Smallest distance from peaks to all points 3 dB below is 7.7 mm

Ratio of SAR at M2 to SAR at M1 = 79.8 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1049M

Communication System: UID:10868 - AAF, 5G NR FR1 TDD; MAIA: Y; Frequency: 3930.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 3930.000 MHz; cond = 3.21 S/m; perm = 37.9; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/30/2025; Ambient Temp: 21.6°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7660; ConvF:(6.92,6.59,7.15); Calibrated: 2025-05-09

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1678; Calibrated: 2025-05-09

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n77, Antenna S4, Exp: Body| Right Edge, Ch. 662000,
100 MHz Bandwidth, DFT-s-OFDM QPSK, 270 RB, 0 RB Offset**

Area Scan (40.0 x 300.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (30.6 x 34.0 x 33.4): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.4

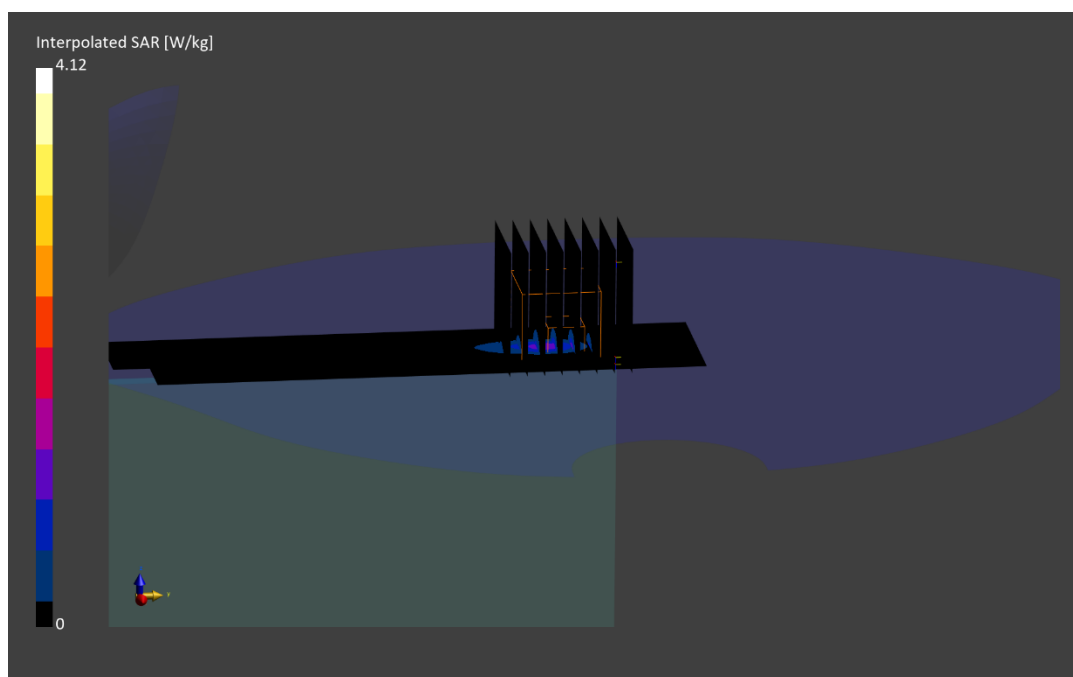
Reference Value = 0.73 W/kg; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.12 W/kg

SAR(1 g) = 0.857 W/kg

Smallest distance from peaks to all points 3 dB below is 4.2 mm

Ratio of SAR at M2 to SAR at M1 = 60.0 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1049M

Communication System: UID:0 - -, CW; MAIA: Y; Frequency: 3930.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 3930.000 MHz; cond = 3.32 S/m; perm = 36.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/07/2025; Ambient Temp: 22.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7660; ConvF:(6.92,6.59,7.15); Calibrated: 2025-05-09

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1678; Calibrated: 2025-05-09

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: NR Band n77, Antenna S3, Exp: Body, Laptop| Bottom Edge, Ch. 662000,
100 MHz Bandwidth, CW/SRS**

Area Scan (40.0 x 300.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (36.8 x 36.8 x 29.1): Measurement grid: dx=4.6 mm, dy=4.6 mm, dz=1.4 mm; Graded Ratio: 1.5

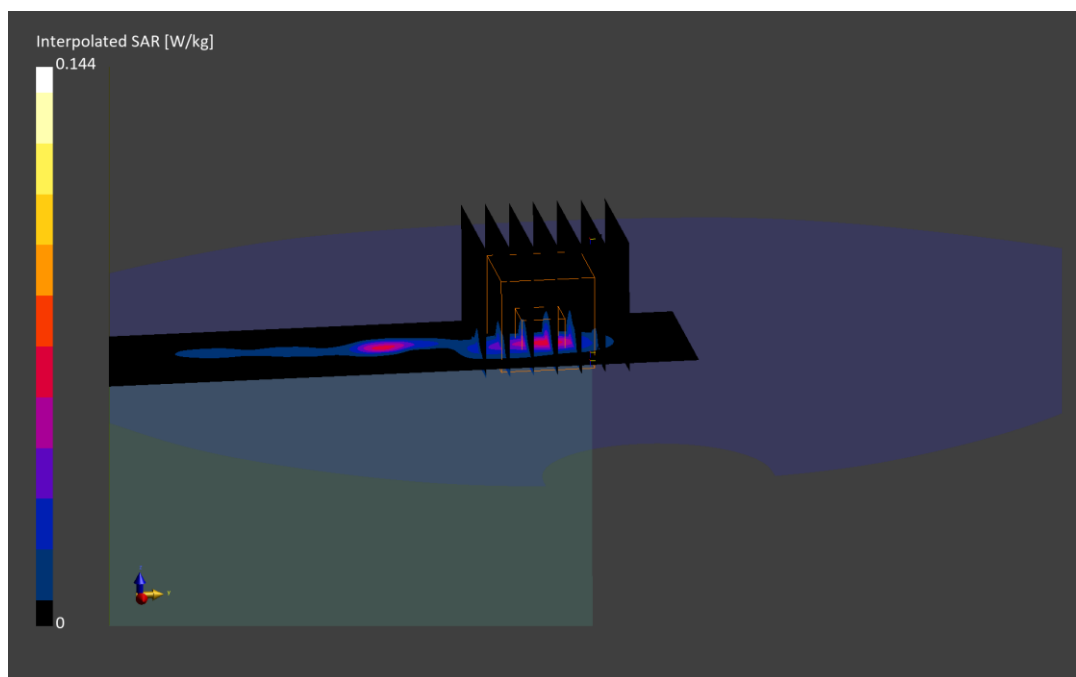
Reference Value = 0.04 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.043 W/kg

Smallest distance from peaks to all points 3 dB below is 5.6 mm

Ratio of SAR at M2 to SAR at M1 = 72.1 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1026M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2412.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2412.000$ MHz; $\text{cond} = 1.77$ S/m; $\text{perm} = 38.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/01/2025; Ambient Temp: 21.3°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7410; ConvF:(7.07,6.98,7.38); Calibrated: 2024-12-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1213; Calibrated: 2024-12-04

Phantom: Twin-SAM V8.0; Serial: 1978

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna MIMO, 22 MHz Bandwidth,
Exp: Body| Right Edge, Ch. 1, 1Mbps**

Area Scan (40.0 x 288.0): Measurement grid: $dx=5.0$ mm, $dy=12.0$ mm

Zoom Scan (31.5 x 38.5 x 33.4): Measurement grid: $dx=3.5$ mm, $dy=3.5$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

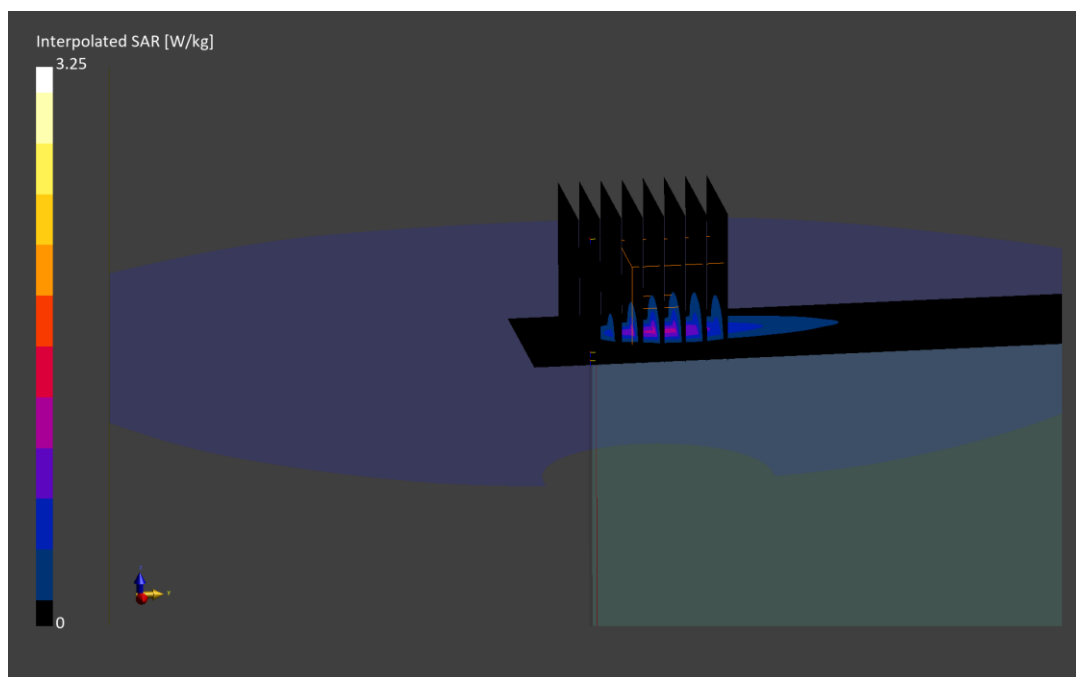
Reference Value = 0.58 W/kg; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 3.25 W/kg

SAR(1 g) = 0.903 W/kg

Smallest distance from peaks to all points 3 dB below is 4.5 mm

Ratio of SAR at M2 to SAR at M1 = 68.4 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1041M

Communication System: UID:10415 - AAA, WLAN; MAIA: Y; Frequency: 2462.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 2462.000 MHz; cond = 1.78 S/m; perm = 40.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/07/2025; Ambient Temp: 23.9°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7410; ConvF:(7.07,6.98,7.38); Calibrated: 2024-12-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1213; Calibrated: 2024-12-04

Phantom: Twin-SAM V8.0; Serial: 1978

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 2.4 GHz WIFI/ IEEE 802.11b, Antenna MIMO, 22 MHz Bandwidth,
Exp: Body, Laptop| Bottom Edge, Ch. 11, 1Mbps**

Area Scan (40.0 x 288.0): Measurement grid: dx=5.0 mm, dy=12.0 mm

Zoom Scan (30.6 x 30.6 x 31.2): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.5 mm; Graded Ratio: 1.5

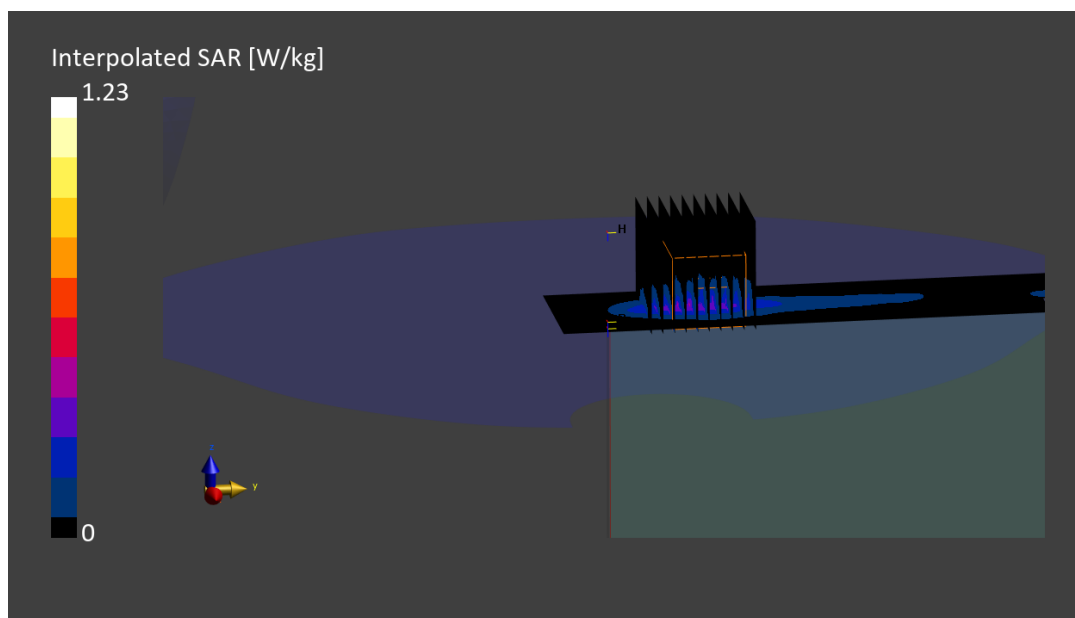
Reference Value = 0.09 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.314 W/kg

Smallest distance from peaks to all points 3 dB below is 4.4 mm

Ratio of SAR at M2 to SAR at M1 = 48.8 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1035M

Communication System: UID:10544 - AAD, WLAN; MAIA: Y; Frequency: 5610.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 5610.000 MHz; cond = 4.93 S/m; perm = 35.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/15/2025; Ambient Temp: 22.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7803; ConvF:(4.82,4.92,5.01); Calibrated: 2024-06-28

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1583; Calibrated: 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna WIFI 1, 80 MHz Bandwidth, U-NII-2C,
Exp: Body| Right Edge, Ch. 122, 29.3 Mbps**

Area Scan (40.0 x 300.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (31.2 x 31.2 x 25.0): Measurement grid: dx=2.6 mm, dy=2.6 mm, dz=1.2 mm; Graded Ratio: 1.2

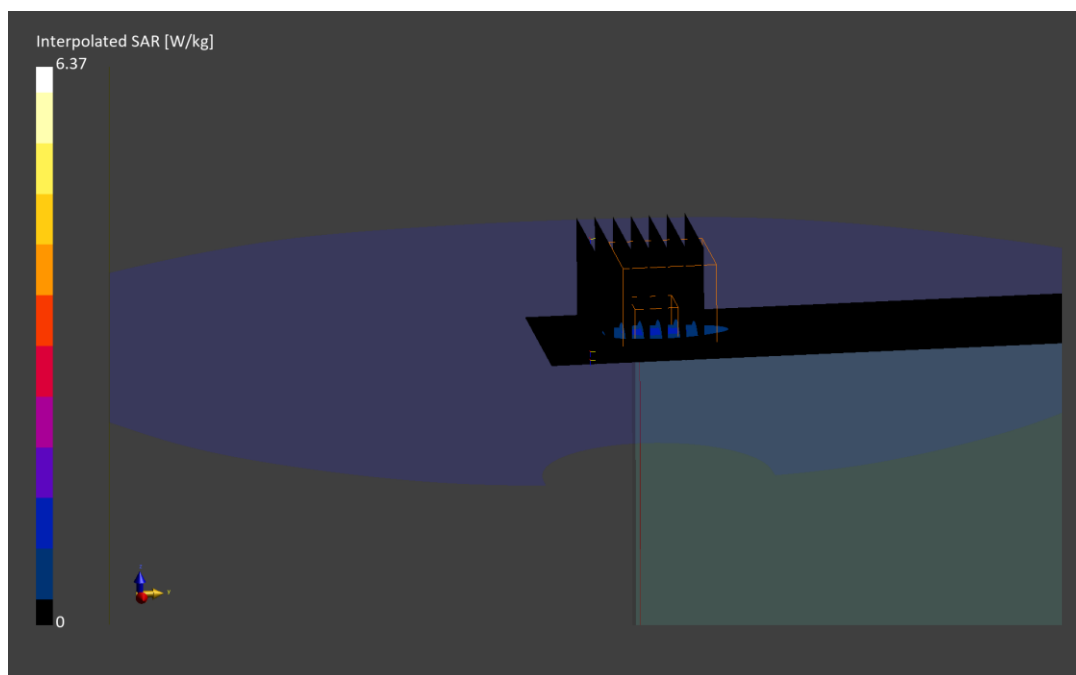
Reference Value = 0.85 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 6.37 W/kg

SAR(1 g) = 0.965 W/kg

Smallest distance from peaks to all points 3 dB below is 3.7 mm

Ratio of SAR at M2 to SAR at M1 = 52.9 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1021M

Communication System: UID:10544 - AAD, CW; MAIA: Y; Frequency: 5855.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 5855.000 MHz; cond = 5.38 S/m; perm = 36.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/01/2025; Ambient Temp: 21.0°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7661; ConvF:(5.07,5.39,5.38); Calibrated: 2025-06-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1558; Calibrated: 2025-06-05

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 5 GHz WIFI/ IEEE 802.11ac, Antenna WIFI 0, 80 MHz Bandwidth, U-NII-4,
Exp: Body, Laptop| Bottom Edge, Ch. 171, 29.3 Mbps**

Area Scan (40.0 x 300.0): Measurement grid: dx=5.0 mm, dy=10.0 mm

Zoom Scan (28.0 x 28.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

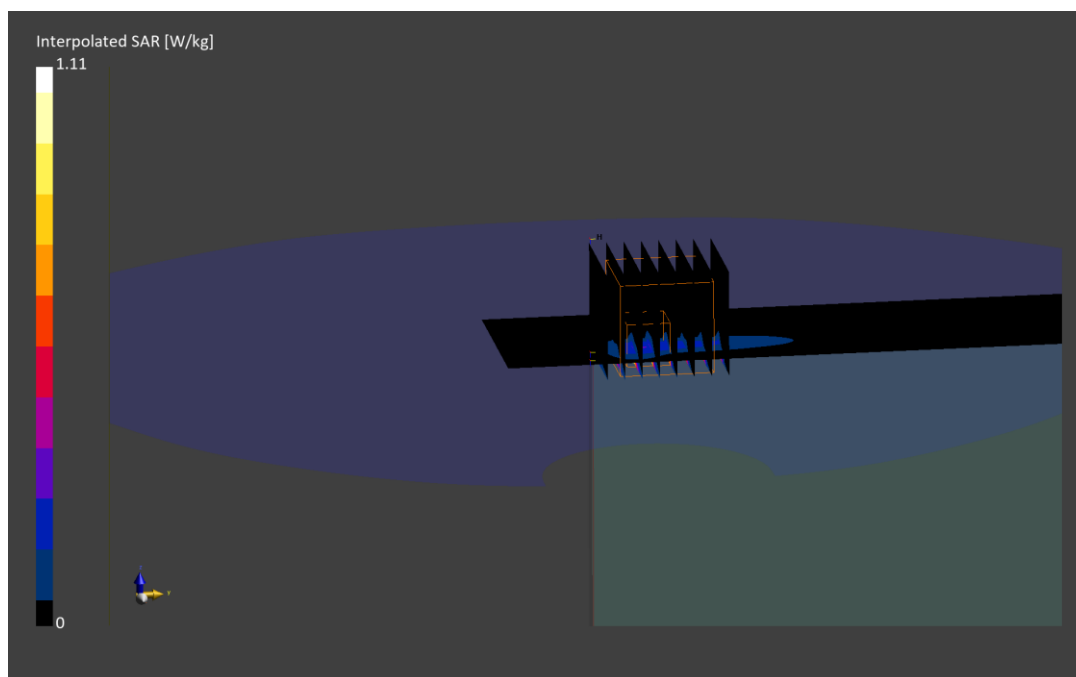
Reference Value = 0.19 W/kg; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.11 W/kg

SAR(1 g) = 0.213 W/kg

Smallest distance from peaks to all points 3 dB below is 5.7 mm

Ratio of SAR at M2 to SAR at M1 = 53.1 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1058M

Communication System: UID:10755 - AAC, WLAN; MAIA: Y; Frequency: 6025.000 MHz

Medium: 6000 Head; Medium parameters used:

f = 6025.000 MHz; cond = 5.41 S/m; perm = 35.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 07/18/2025; Ambient Temp: 23.9-C; Tissue Temp: 22.0-C

Probe: EX3DV4 - SN7570; ConvF:(5.35,5.65,5.29); Calibrated: 2025-02-10

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4ip Sn1638; Calibrated: 2025-02-07

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 6 GHz WIFI/ IEEE 802.11ax, Antenna MIMO, 160 MHz Bandwidth, U-NII-5, Exp:
Body| Right Edge, Ch. 15, 136.1 Mbps**

Area Scan (40.0 x 289.0): Measurement grid: dx=5.0 mm, dy=8.5 mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: dx=3.4 mm, dy=3.4 mm, dz=1.4 mm; Graded Ratio: 1.2

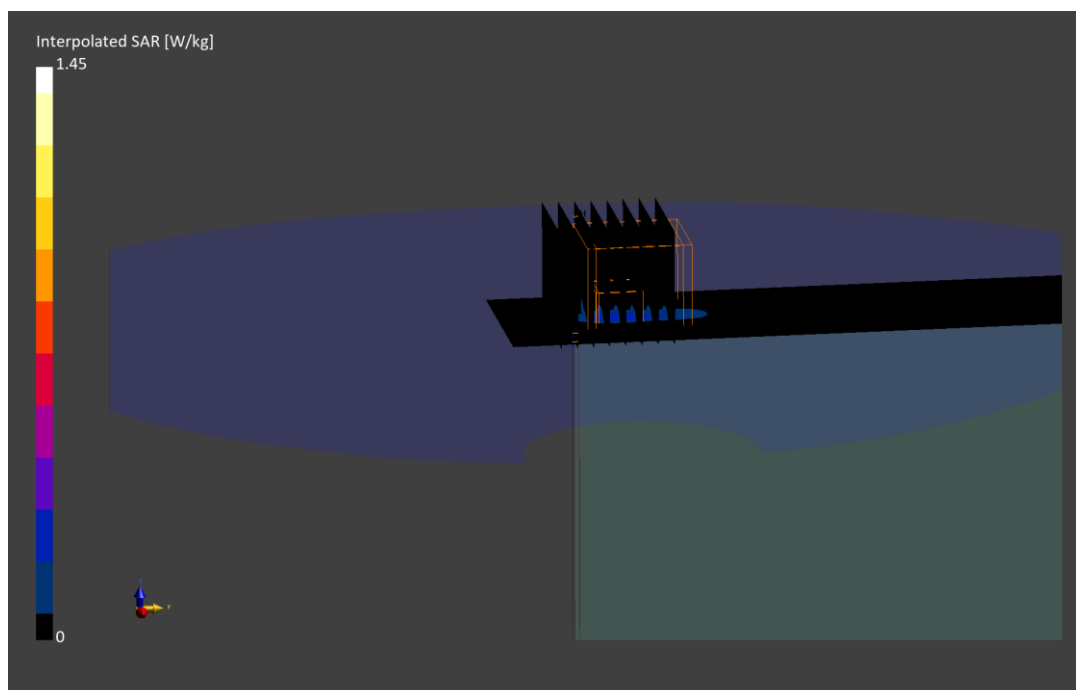
Reference Value = -0.00 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.247 W/kg; APD(4cm²) = 1.32 W/m²

Smallest distance from peaks to all points 3 dB below is 3.8 mm

Ratio of SAR at M2 to SAR at M1 = 52.5 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1058M

Communication System: UID:10743 - AAC, WLAN; MAIA: Y; Frequency: 6025.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 6025.000$ MHz; $\text{cond} = 5.60$ S/m; $\text{perm} = 35.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/22/2025; Ambient Temp: 21.1°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7570; ConvF:(5.35,5.65,5.29); Calibrated: 2025-02-10

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4ip Sn1638; Calibrated: 2025-02-07

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 6 GHz WIFI/ IEEE 802.11ax, Antenna MIMO, 160 MHz Bandwidth, U-NII-5,
Exp: Body, Laptop| Bottom Edge, Ch. 15, 136.1 Mbps**

Area Scan (40.0 x 289.0): Measurement grid: $dx=5.0$ mm, $dy=8.5$ mm

Zoom Scan (27.2 x 27.2 x 22.9): Measurement grid: $dx=3.4$ mm, $dy=3.4$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

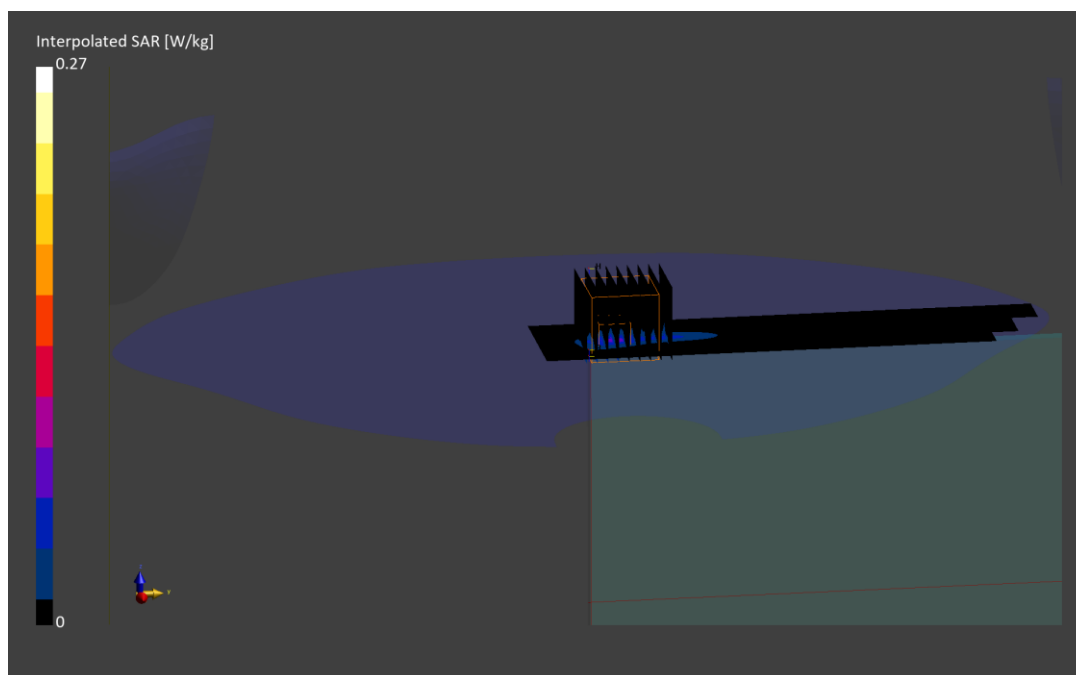
Reference Value = -0.01 W/kg; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.055 W/kg; APD(4cm²) = 0.336 W/m²

Smallest distance from peaks to all points 3 dB below is 5.5 mm

Ratio of SAR at M2 to SAR at M1 = 49.7 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1041M

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2441.000$ MHz; $\text{cond} = 1.84$ S/m; $\text{perm} = 39.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/18/2025; Ambient Temp: 19.7°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7410; ConvF:(7.07,6.98,7.38); Calibrated: 2024-12-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1213; Calibrated: 2024-12-04

Phantom: Twin-SAM V8.0; Serial: 1978

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 2.4 GHz Bluetooth, Antenna WIFI 0,
Exp: Body| Left Edge, Ch. 39, 1 Mbps**

Area Scan (40.0 x 288.0): Measurement grid: $dx=5.0$ mm, $dy=12.0$ mm

Zoom Scan (36.8 x 36.8 x 31.2): Measurement grid: $dx=4.6$ mm, $dy=4.6$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

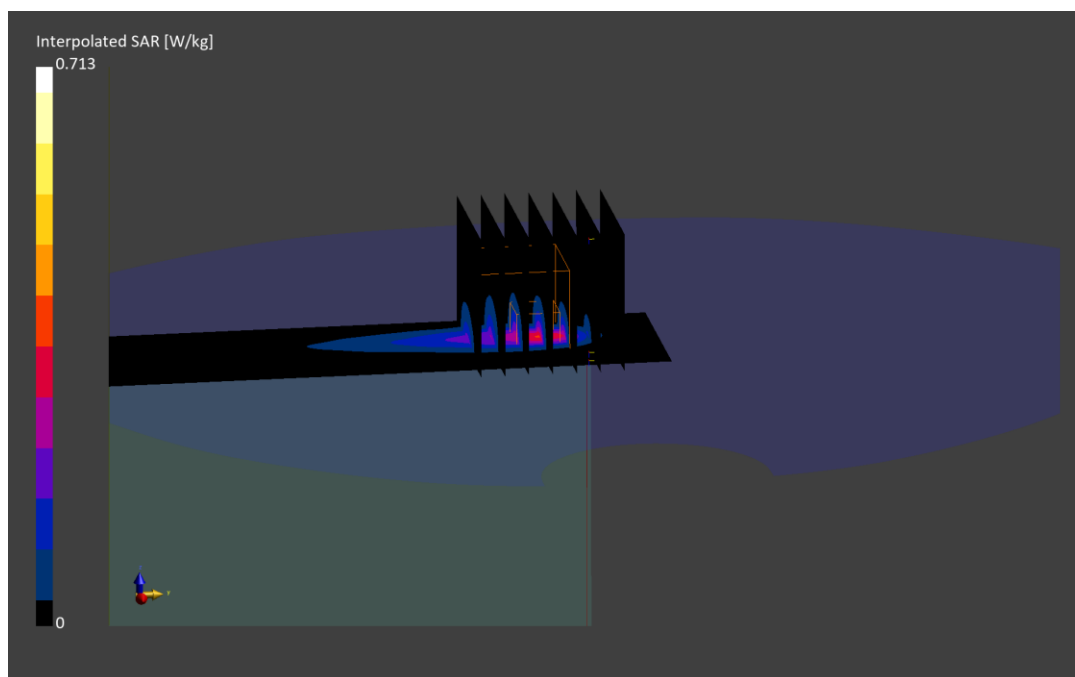
Reference Value = 0.16 W/kg; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.713 W/kg

SAR(1 g) = 0.248 W/kg

Smallest distance from peaks to all points 3 dB below is 5.0 mm

Ratio of SAR at M2 to SAR at M1 = 68.4 %



ELEMENT

DUT: A3LSMX736B; Type: Portable Computing Device; Serial: 1041M

Communication System: UID:10032 - CAA, Bluetooth; MAIA: Y; Frequency: 2441.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2441.000$ MHz; $\text{cond} = 1.78$ S/m; $\text{perm} = 37.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 06/25/2025; Ambient Temp: 20.7°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7410; ConvF:(7.07,6.98,7.38); Calibrated: 2024-12-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1213; Calibrated: 2024-12-04

Phantom: Twin-SAM V8.0; Serial: 1978

Measurement SW: DASY Module SAR V16.4.0.5005

**Mode: 2.4 GHz Bluetooth, Antenna WIFI 0,
Exp: Body, Laptop| Bottom Edge, Ch. 39, 1 Mbps**

Area Scan (40.0 x 288.0): Measurement grid: $dx=5.0$ mm, $dy=12.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

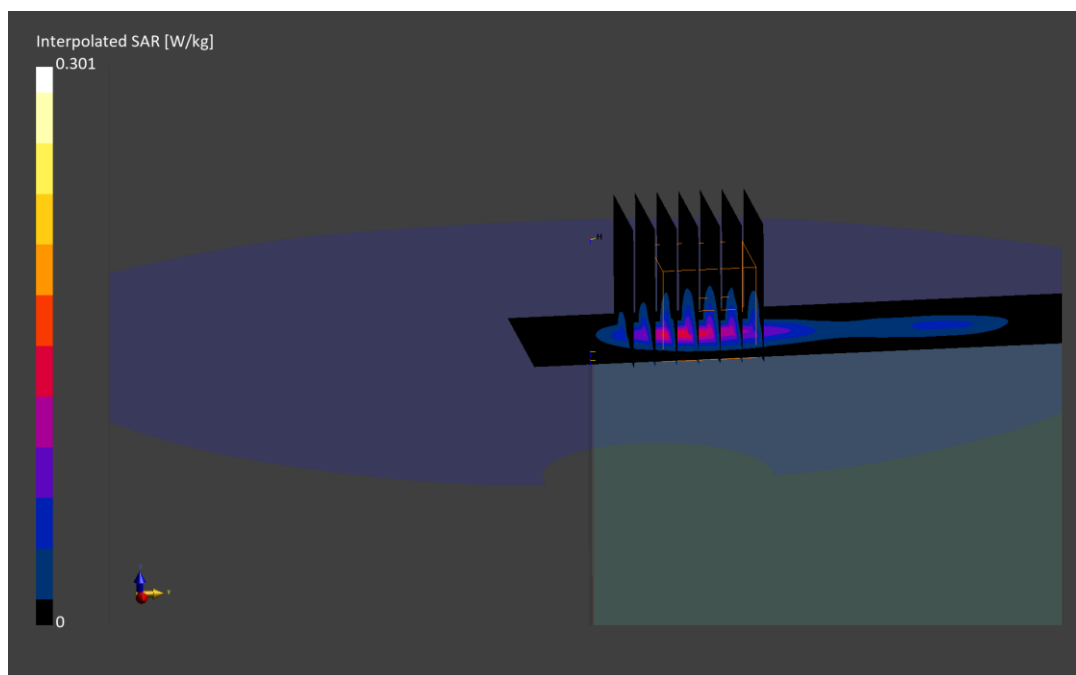
Reference Value = 0.07 W/kg; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.102 W/kg

Smallest distance from peaks to all points 3 dB below is 6.5 mm

Ratio of SAR at M2 to SAR at M1 = 77.2 %



Date: 2025-06-14

Mode: 6GHz WIFI/ IEEE 802.11ax, Antenna MIMO, 160 MHz Bandwidth, U-NII-5, Exp: Body| Right Edge, Ch. 15, 136.1 Mbps

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMX736B	1021M	Portable Computing Device

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	EDGE RIGHT	2.00	15	10755	6025.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 - SN9389, 2025-01-08	DAE4 - SN1449, 2024-09-10

Software Setup

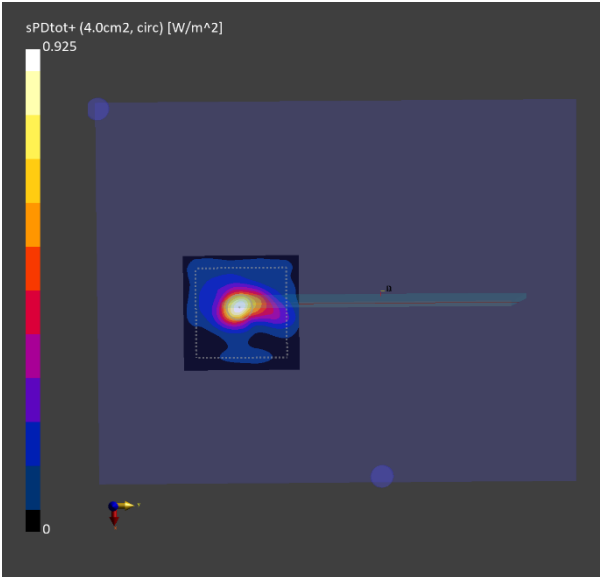
Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100.0 x 100.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	0.925
pS _n avg [W/m²]	0.771
E _{peak} [V/m]	34.6
Power Drift [dB]	-0.16



Date: 2025-06-30

Mode: 6GHz WIFI/ IEEE 802.11ax, Antenna MIMO, 160 MHz Bandwidth, U-NII-5, Exp: Body, Laptop| Bottom Edge, Ch. 15, 136.1 Mbps

Device Under Test Properties

DUT	Serial Number	DUT Type
A3LSMX736B	1021M	Portable Computing Device

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Channel	Group, UID	Frequency [MHz]
5G	EDGE BOTTOM	2.00	15	10755	6025.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 – SN9389, 2025-01-08	DAE4 – SN1449, 2024-09-10

Software Setup

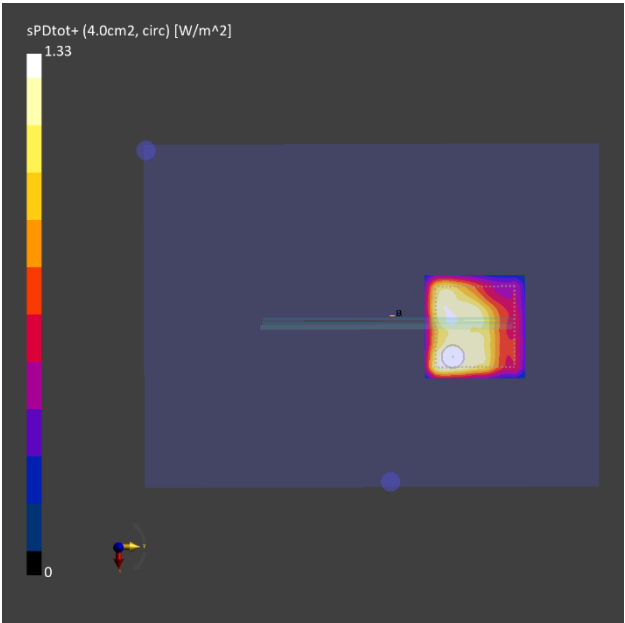
Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	100.0 x 100.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	1.33
pS _n avg [W/m²]	1.32
E _{peak} [V/m]	25.5
Power Drift [dB]	0.10



APPENDIX B: SAR DIPOLE VERIFICATION PLOTS

ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1054

Communication System: UID: 0, CW; Frequency: 750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 750.000 MHz; cond = 0.887 S/m; perm = 41.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 06/09/2025; Ambient Temp: 22.6°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7713; ConvF:(10.6,9.87,9.6); 2025-01-07
Sensor-Surface: 1.4mm (All points)
Electronics: DAE4 Sn1530; 2025-01-13
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

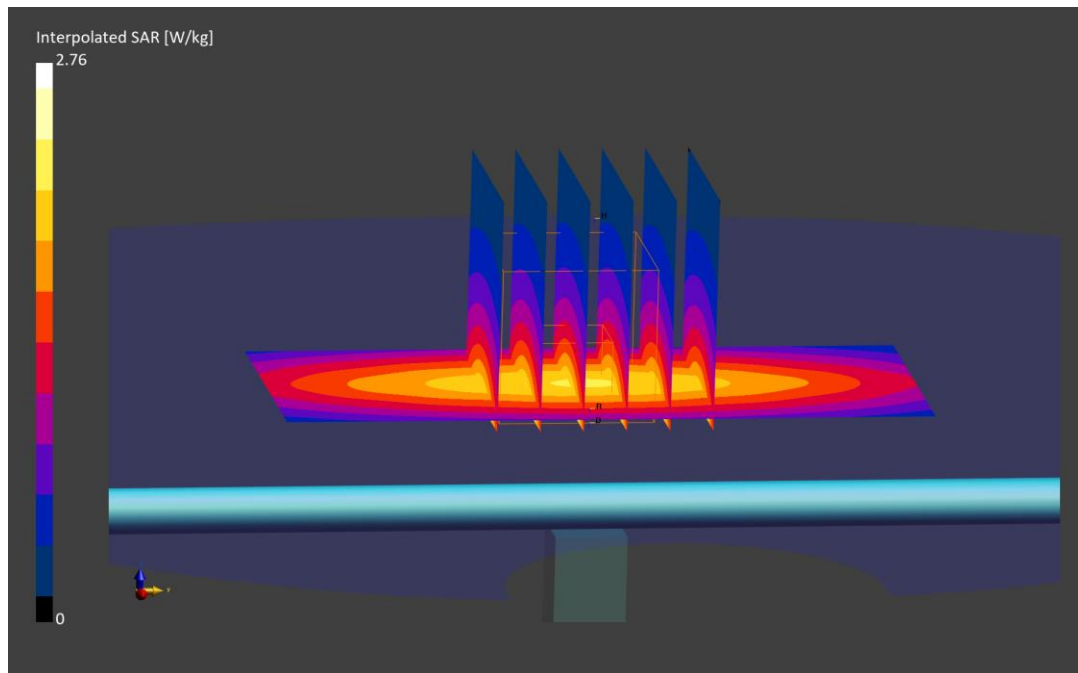
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 1.84 W/kg; SAR(10 g) = 1.23 W/kg

Deviation (1 g) = 5.99%; Deviation (10 g) = 9.63%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1054

Communication System: UID: 0, CW; Frequency: 750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 750.000 MHz; cond = 0.890 S/m; perm = 41.6; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 06/11/2025; Ambient Temp: 22.6°C; Tissue Temp: 23.4°C

Probe: EX3DV4 - SN7713; ConvF:(10.6,9.87,9.6); 2025-01-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; 2025-01-13
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

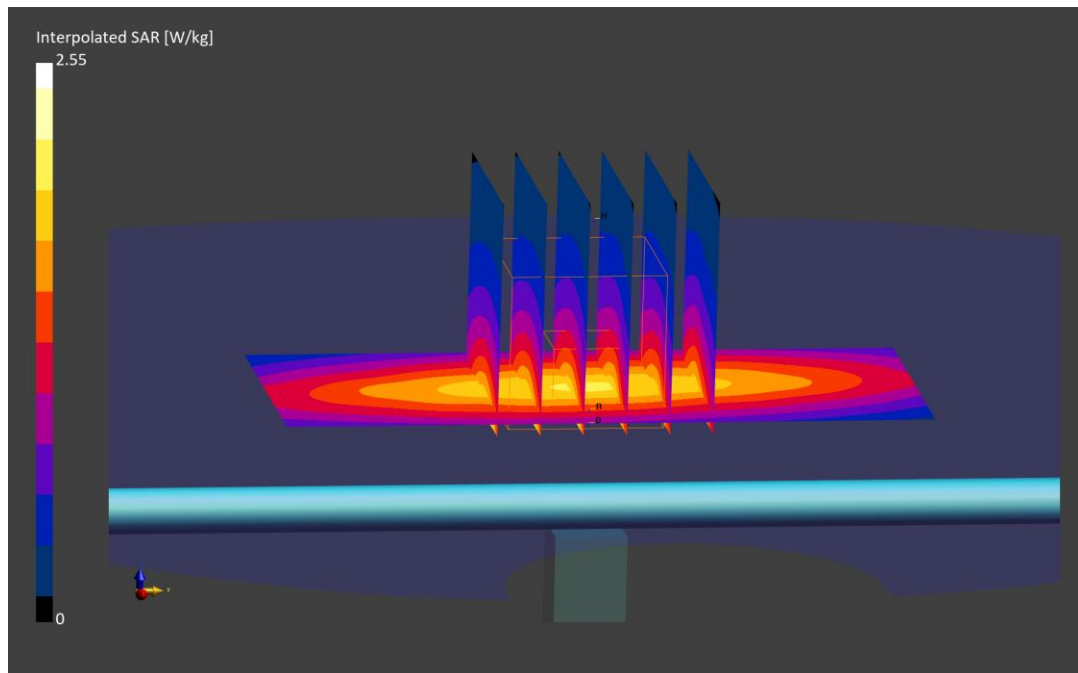
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.55 W/kg

SAR(1 g) = 1.66 W/kg; SAR(10 g) = 1.09 W/kg

Deviation (1 g) = -4.38%; Deviation (10 g) = -2.85%



ELEMENT

DUT: Dipole 750.000 MHz; Type: D750V3 - SN1054

Communication System: UID: 0, CW; Frequency: 750.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 750.000 MHz; cond = 0.890 S/m; perm = 41.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 15 mm

Test Date: 06/17/2025; Ambient Temp: 24.1°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7406; ConvF:(9.51,8.99,10.02); 2024-07-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1677; 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

750.0 MHz System Verification at 23.0 dBm (200 mW)

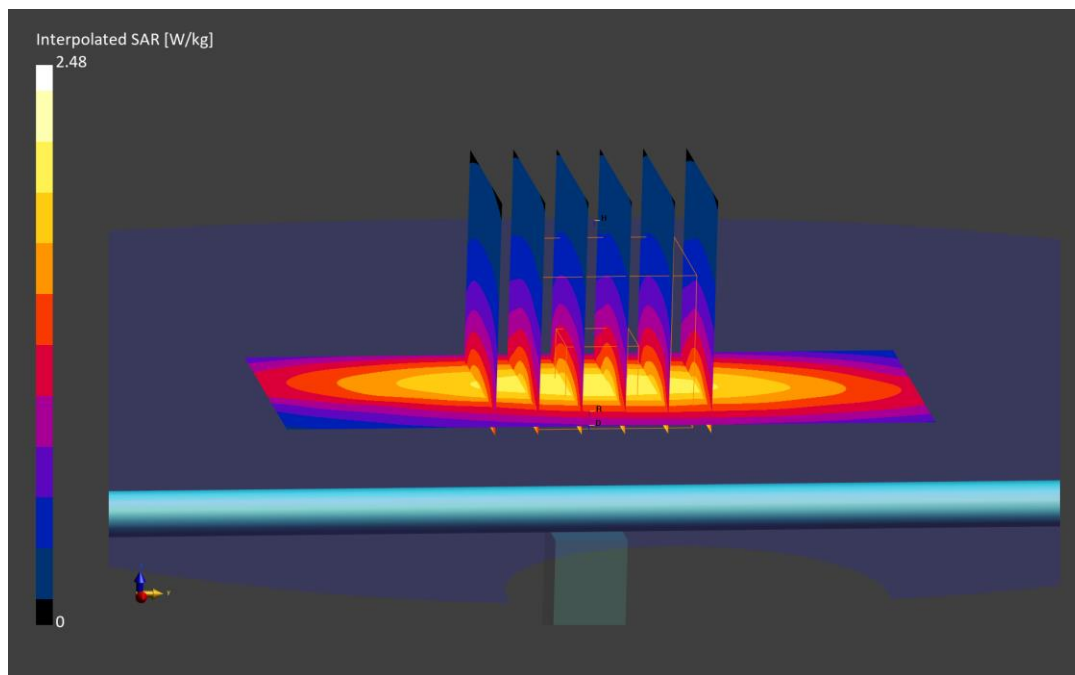
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 1.64 W/kg; SAR(10 g) = 1.08 W/kg

Deviation (1 g) = -5.53%; Deviation (10 g) = -3.74%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d133

Communication System: UID: 0, CW; Frequency: 835.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:
f = 835.000 MHz; cond = 0.914 S/m; perm = 41.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 06/09/2025; Ambient Temp: 22.6°C; Tissue Temp: 23.5°C

Probe: EX3DV4 - SN7713; ConvF:(10.56,9.83,9.56); 2025-01-07

Sensor-Surface: 1.4mm (All points)

Electronics: DAE4 Sn1530; 2025-01-13

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

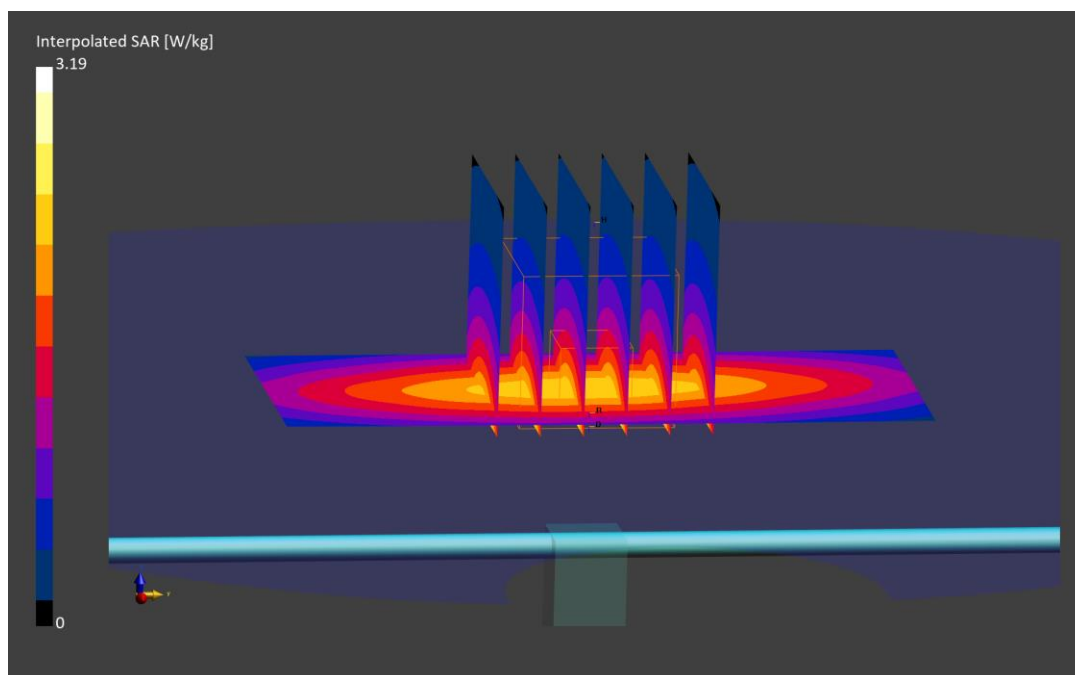
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 3.19 W/kg

SAR(1 g) = 2.06 W/kg; SAR(10 g) = 1.35 W/kg

Deviation (1 g) = 3.62%; Deviation (10 g) = 4.01%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d133

Communication System: UID: 0, CW; Frequency: 835.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:
 $f = 835.000$ MHz; $\text{cond} = 0.916$ S/m; $\text{perm} = 41.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 06/11/2025; Ambient Temp: 22.6°C; Tissue Temp: 23.4°C

Probe: EX3DV4 - SN7713; ConvF:(10.56,9.83,9.56); 2025-01-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1530; 2025-01-13

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

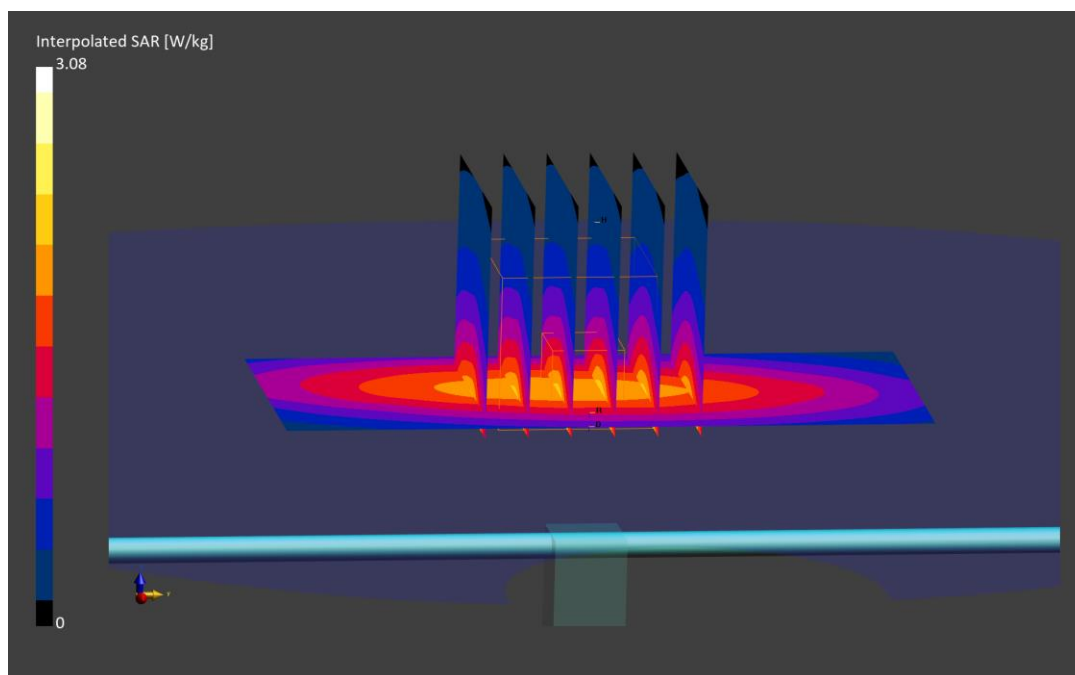
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 3.08 W/kg

SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.25 W/kg

Deviation (1 g) = -2.41%; Deviation (10 g) = -3.70%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d133

Communication System: UID: 0, CW; Frequency: 835.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:
f = 835.000 MHz; cond = 0.937 S/m; perm = 41.9; density = 1000 kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 06/15/2025; Ambient Temp: 23.5°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7406; ConvF:(9.29,8.78,9.79); 2024-07-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1677; 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

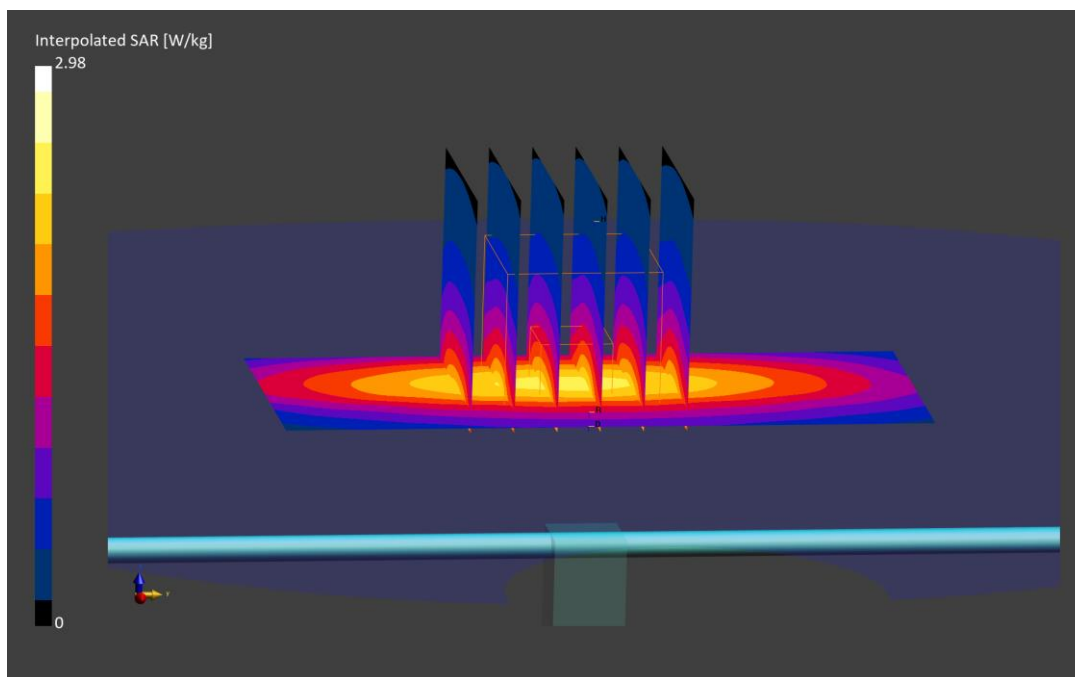
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 2.98 W/kg

SAR(1 g) = 1.97 W/kg; SAR(10 g) = 1.28 W/kg

Deviation (1 g) = -0.91%; Deviation (10 g) = -1.39%



ELEMENT

DUT: Dipole 835.000 MHz; Type: D835V2 - SN4d133

Communication System: UID: 0, CW; Frequency: 835.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:
 $f = 835.000$ MHz; $\text{cond} = 0.918$ S/m; $\text{perm} = 41.5$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 15 mm

Test Date: 06/17/2025; Ambient Temp: 24.1°C; Tissue Temp: 21.8°C

Probe: EX3DV4 - SN7406; ConvF:(9.29,8.78,9.79); 2024-07-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1677; 2024-07-08

Phantom: Twin-SAM V5.0; Serial: 1800

Measurement SW: DASY Module SAR V16.4.0.5005

835.0 MHz System Verification at 23.0 dBm (200 mW)

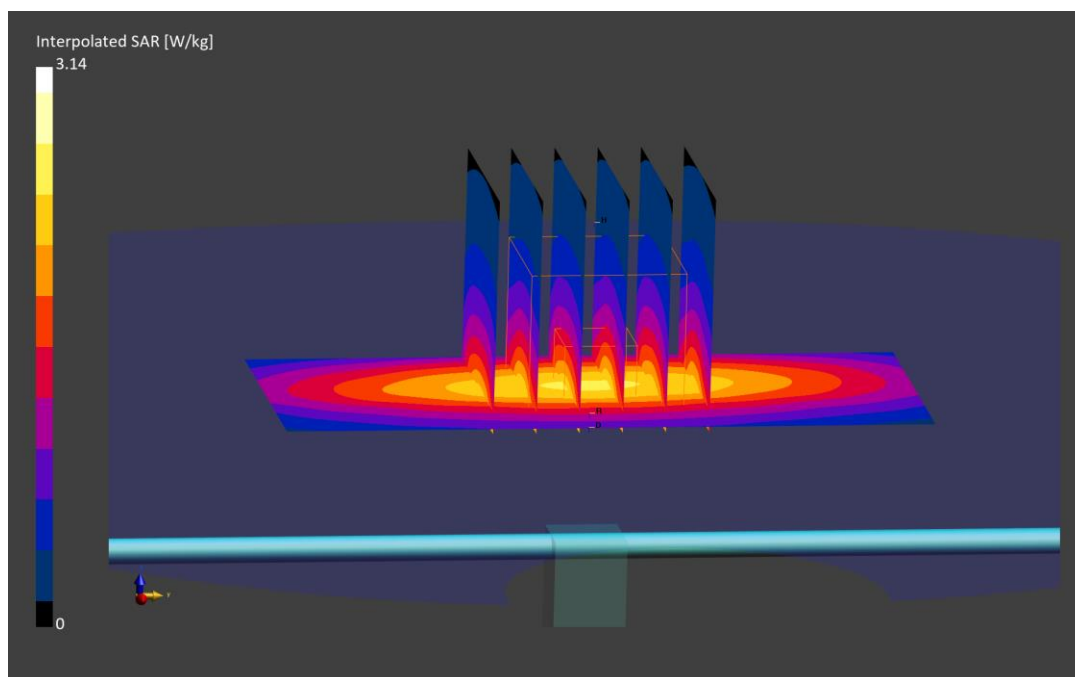
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 3.14 W/kg

SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.35 W/kg

Deviation (1 g) = 4.63%; Deviation (10 g) = 4.01%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1150

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 1750.000 MHz; cond = 1.34 S/m; perm = 39.5; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/15/2025; Ambient Temp: 23.2°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7417; ConvF:(7.97,7.46,7.57); 2025-02-12
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn665; 2025-02-06
Phantom: Twin-SAM V5.0; Serial: 1759
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

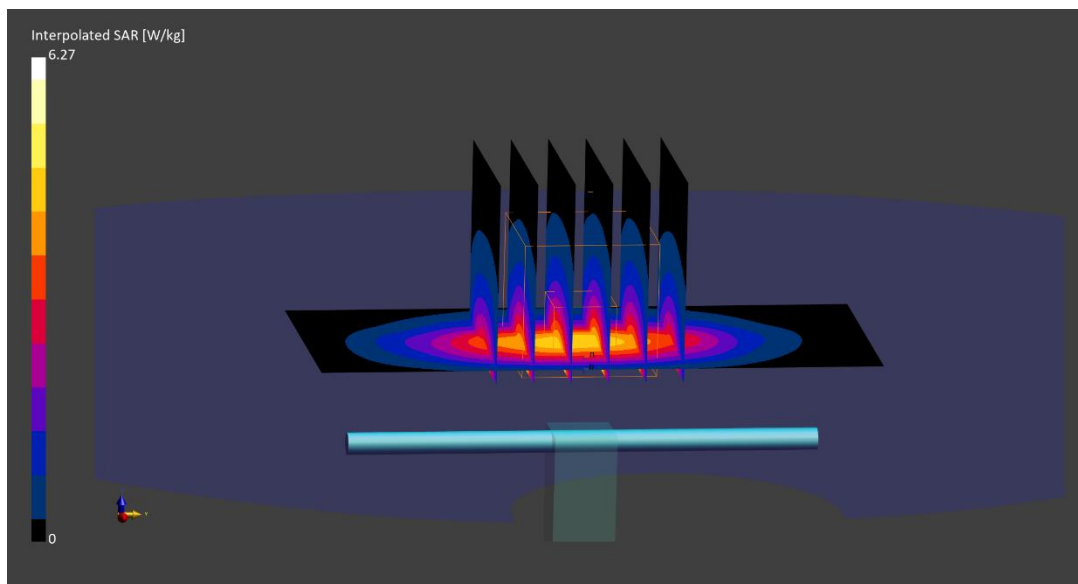
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.27 W/kg

SAR(1 g) = 3.61 W/kg; SAR(10 g) = 1.95 W/kg

Deviation (1 g) = -0.82%; Deviation (10 g) = 0.52%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1150

Communication System: UID: 0, CW; Frequency: 1750.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1750.000 MHz; cond = 1.33 S/m; perm = 39.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/15/2025; Ambient Temp: 21.1°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7659; ConvF:(8.68,8.33,8.44); 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

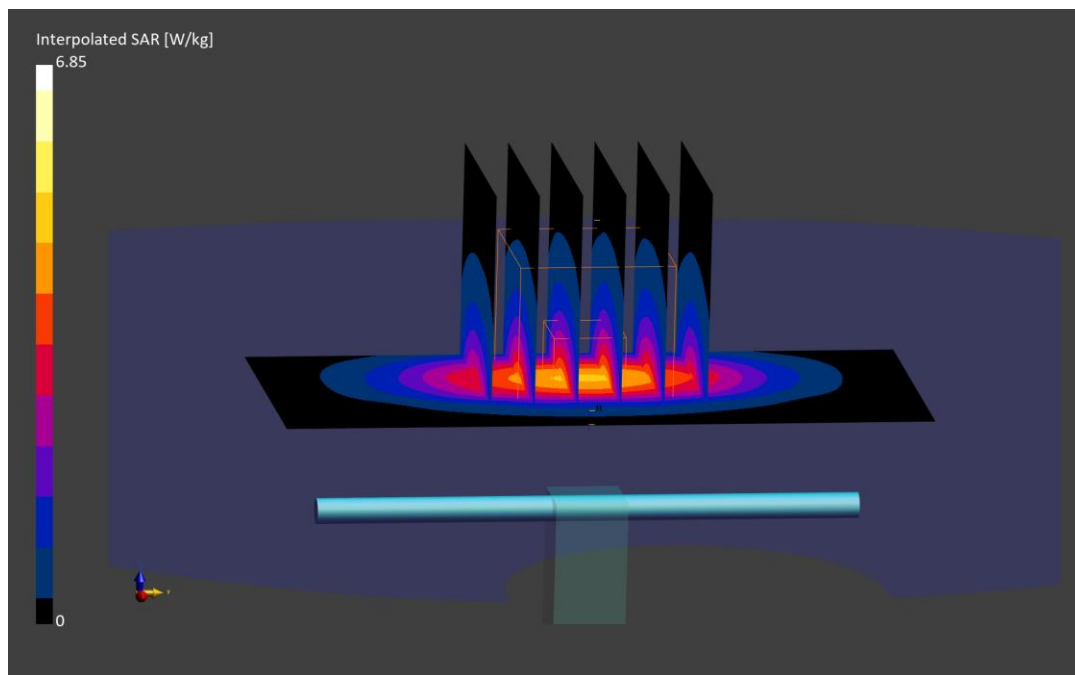
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.85 W/kg

SAR(1 g) = 3.79 W/kg; SAR(10 g) = 2.02 W/kg

Deviation (1 g) = 4.12%; Deviation (10 g) = 4.12%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1148

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 1750.000 MHz; cond = 1.34 S/m; perm = 40.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/17/2025; Ambient Temp: 20.7°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7659; ConvF:(8.68,8.33,8.44); 2025-04-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; 2025-04-10
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

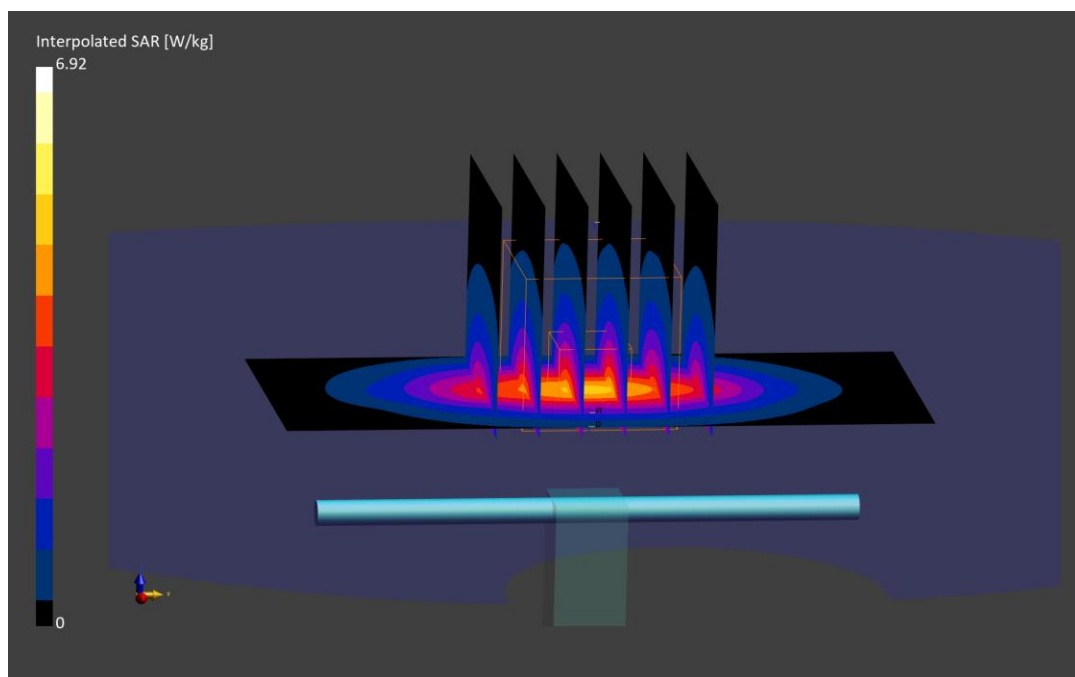
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 6.92 W/kg

SAR(1 g) = 3.81 W/kg; SAR(10 g) = 2.02 W/kg

Deviation (1 g) = 3.25%; Deviation (10 g) = 3.06%



ELEMENT

DUT: Dipole 1750.000 MHz; Type: D1750V2 - SN1148

Communication System: UID: 0, CW; Frequency: 1750.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 1750.000 MHz; cond = 1.34 S/m; perm = 39.0; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/24/2025; Ambient Temp: 20.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7659; ConvF:(8.68,8.33,8.44); 2025-04-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1272; 2025-04-10
Phantom: Twin-SAM V8.0; Serial: 1966
Measurement SW: DASY Module SAR V16.4.0.5005

1750.0 MHz System Verification at 20.0 dBm (100 mW)

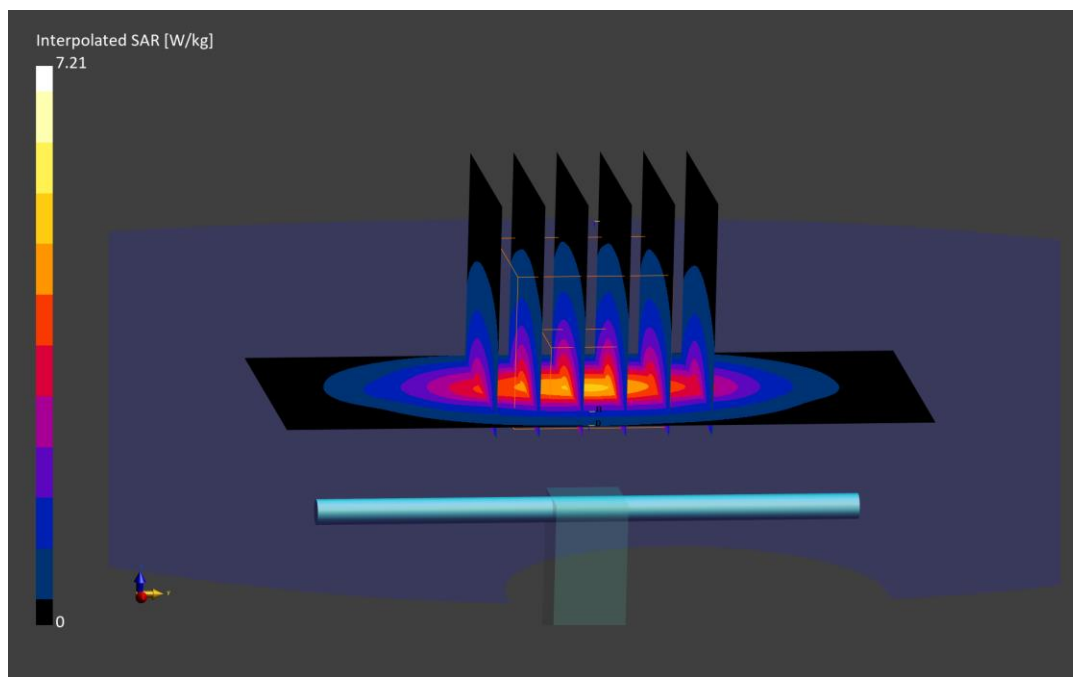
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 7.21 W/kg

SAR(1 g) = 3.95 W/kg; SAR(10 g) = 2.10 W/kg

Deviation (1 g) = 7.05%; Deviation (10 g) = 7.14%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d148

Communication System: UID: 0, CW; Frequency: 1900.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 1900.000$ MHz; $\text{cond} = 1.43$ S/m; $\text{perm} = 41.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/11/2025; Ambient Temp: 21.6°C; Tissue Temp: 21.7°C

Probe: EX3DV4 - SN7659; ConvF:(8.38,8.04,8.14); 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

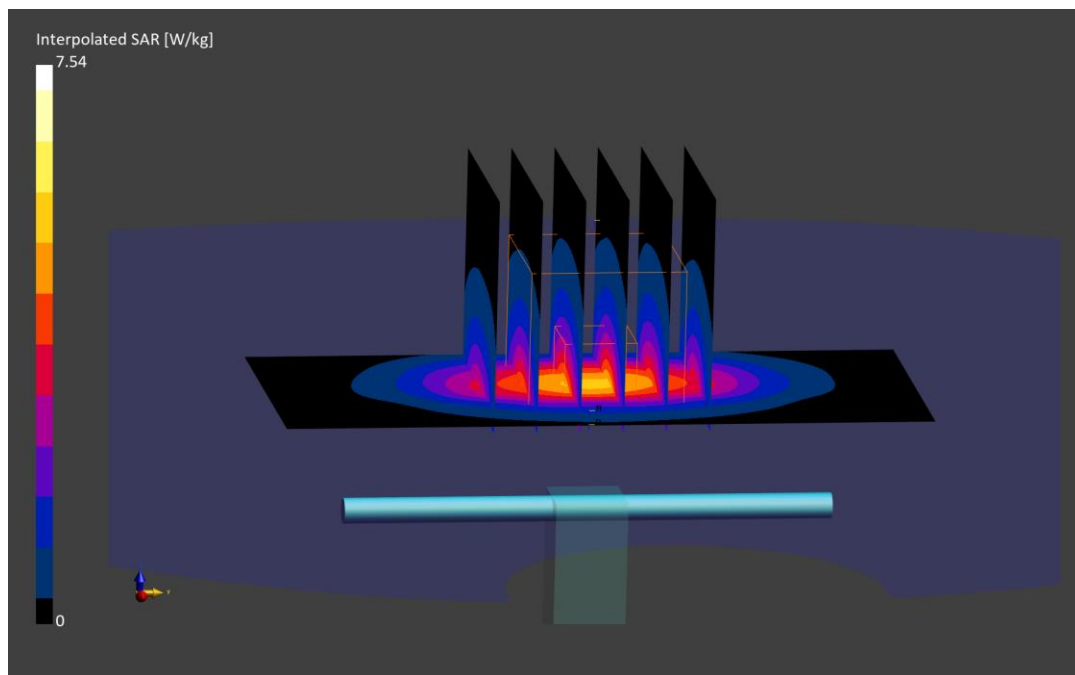
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 7.54 W/kg

SAR(1 g) = 4.15 W/kg; SAR(10 g) = 2.19 W/kg

Deviation (1 g) = 4.80%; Deviation (10 g) = 4.78%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d080

Communication System: UID: 0, CW; Frequency: 1900.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 1900.000$ MHz; $\text{cond} = 1.43$ S/m; $\text{perm} = 39.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/17/2025; Ambient Temp: 20.7°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7659; ConvF:(8.38,8.04,8.14); 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

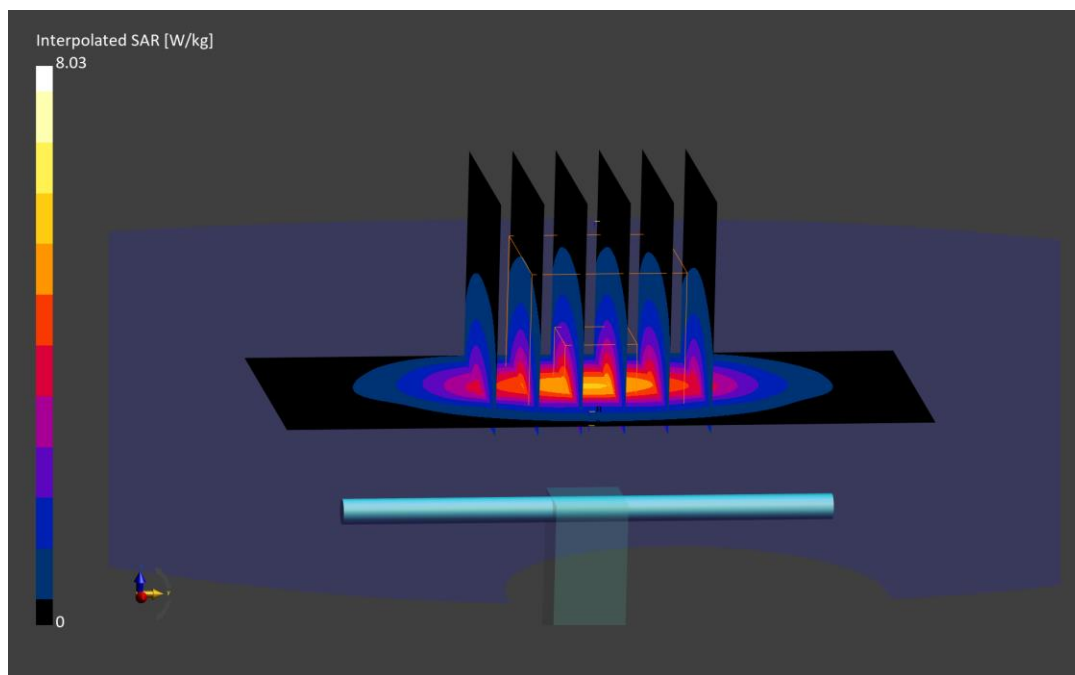
Area Scan (40.0 x 90.0): Measurement grid: $dx=10.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 8.03 W/kg

SAR(1 g) = 4.33 W/kg; SAR(10 g) = 2.24 W/kg

Deviation (1 g) = 9.34%; Deviation (10 g) = 8.21%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d080

Communication System: UID: 0, CW; Frequency: 1900.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1900.000 MHz; cond = 1.43 S/m; perm = 38.7; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/24/2025; Ambient Temp: 20.8°C; Tissue Temp: 20.4°C

Probe: EX3DV4 - SN7659; ConvF:(8.38,8.04,8.14); 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

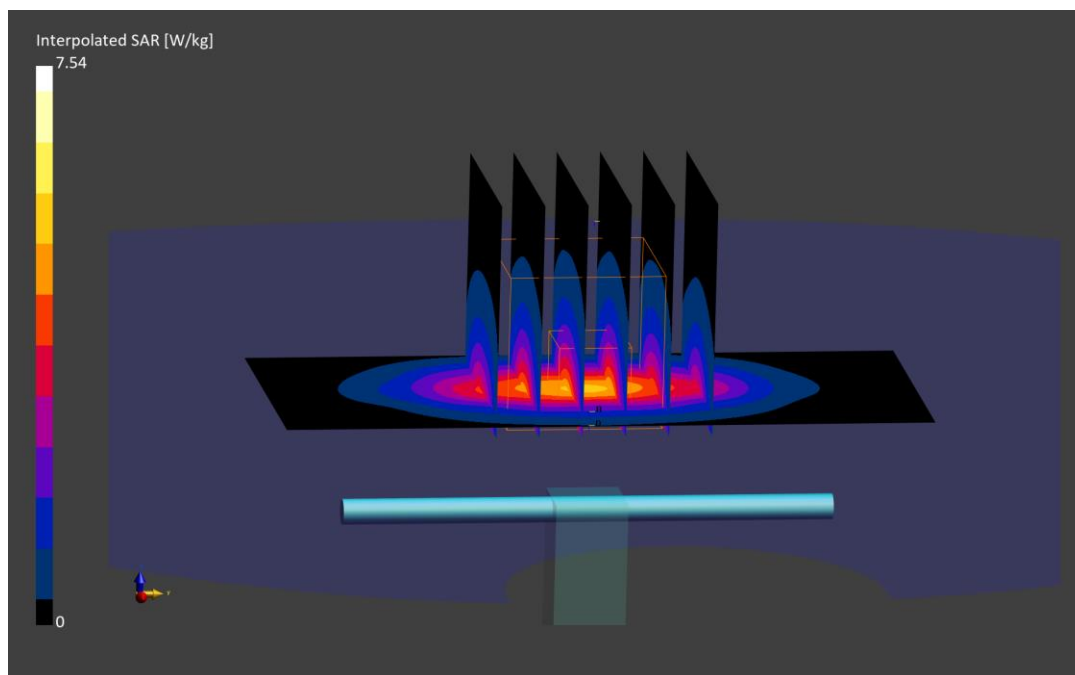
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 7.54 W/kg

SAR(1 g) = 4.08 W/kg; SAR(10 g) = 2.11 W/kg

Deviation (1 g) = 3.03%; Deviation (10 g) = 1.93%



ELEMENT

DUT: Dipole 1900.000 MHz; Type: D1900V2 - SN5d080

Communication System: UID: 0, CW; Frequency: 1900.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 1900.000 MHz; cond = 1.42 S/m; perm = 38.5; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/27/2025; Ambient Temp: 21.3°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7659; ConvF:(8.38,8.04,8.14); 2025-04-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; 2025-04-10

Phantom: Twin-SAM V8.0; Serial: 1966

Measurement SW: DASY Module SAR V16.4.0.5005

1900.0 MHz System Verification at 20.0 dBm (100 mW)

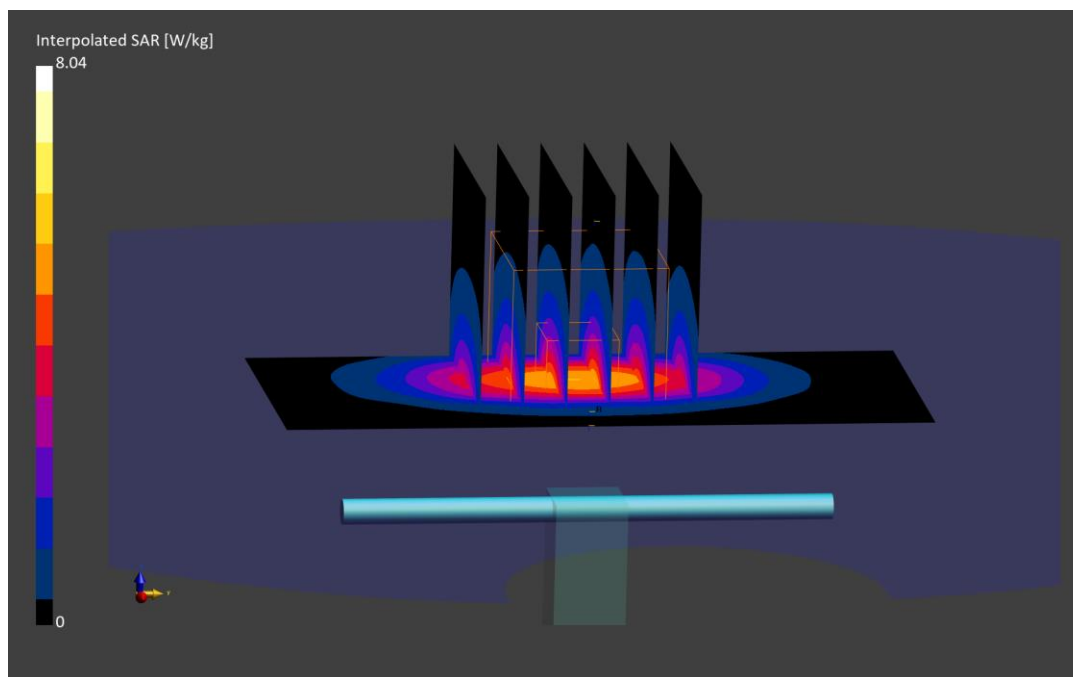
Area Scan (40.0 x 90.0): Measurement grid: dx=10.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 8.04 W/kg

SAR(1 g) = 4.31 W/kg; SAR(10 g) = 2.23 W/kg

Deviation (1 g) = 8.84%; Deviation (10 g) = 7.73%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN797

Communication System: UID: 0, CW; Frequency: 2450.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.85$ S/m; $\text{perm} = 39.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/18/2025; Ambient Temp: 19.7°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7410; ConvF:(7.07,6.98,7.38); 2024-12-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1213; 2024-12-04

Phantom: Twin-SAM V8.0; Serial: 1978

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

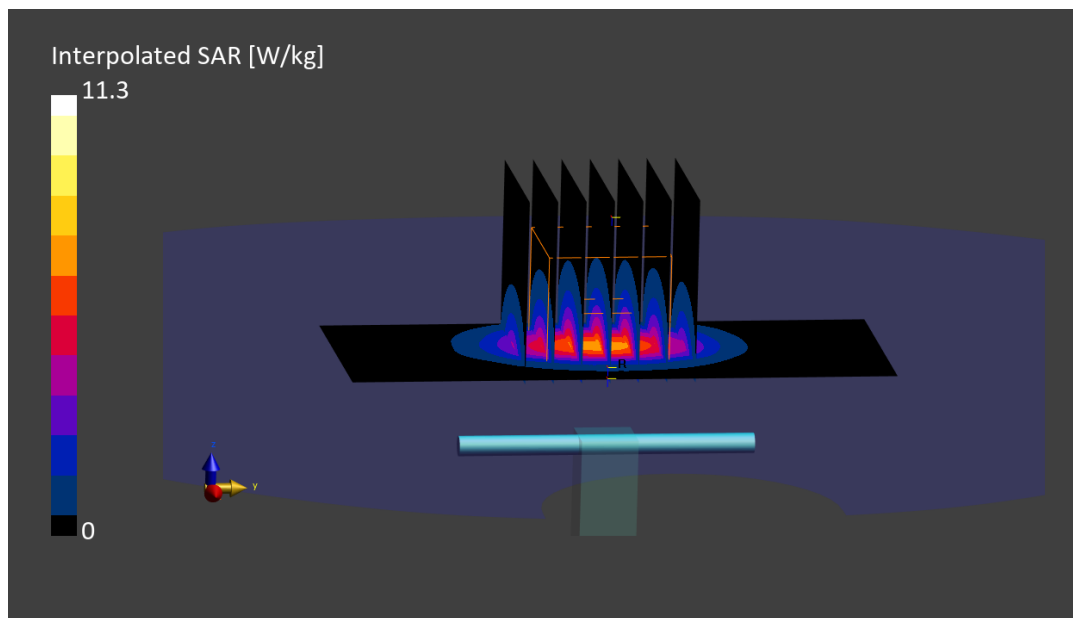
Area Scan (40.0 x 96.0): Measurement grid: $dx=10.0$ mm, $dy=12.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 11.3 W/kg

SAR(1 g) = 5.55 W/kg; SAR(10 g) = 2.58 W/kg

Deviation (1 g) = 6.73%; Deviation (10 g) = 5.74%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN719

Communication System: UID: 0, CW; Frequency: 2450.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.83$ S/m; $\text{perm} = 39.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/19/2025; Ambient Temp: 20.3°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7417; ConvF:(7.48,7.01,7.11); 2025-02-12

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn665; 2025-02-06

Phantom: Twin-SAM V5.0; Serial: 1759

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

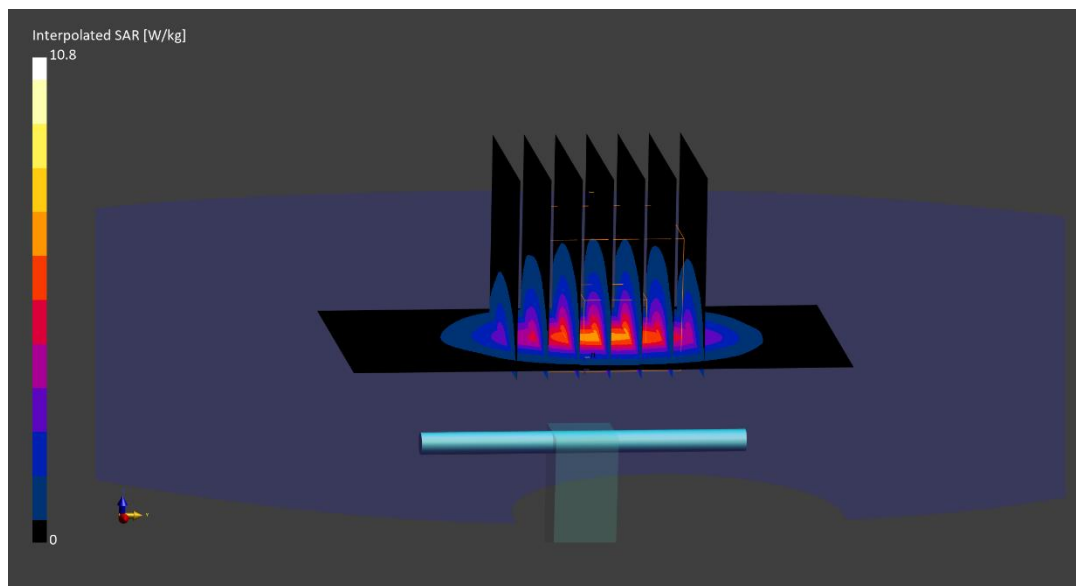
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.8 W/kg

SAR(1 g) = 5.38 W/kg; SAR(10 g) = 2.50 W/kg

Deviation (1 g) = 3.07%; Deviation (10 g) = 1.63%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN981

Communication System: UID: 0, CW; Frequency: 2450.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.78$ S/m; $\text{perm} = 37.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/25/2025; Ambient Temp: 20.7°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7410; ConvF:(7.07,6.98,7.38); 2024-12-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1213; 2024-12-04

Phantom: Twin-SAM V8.0; Serial: 1978

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

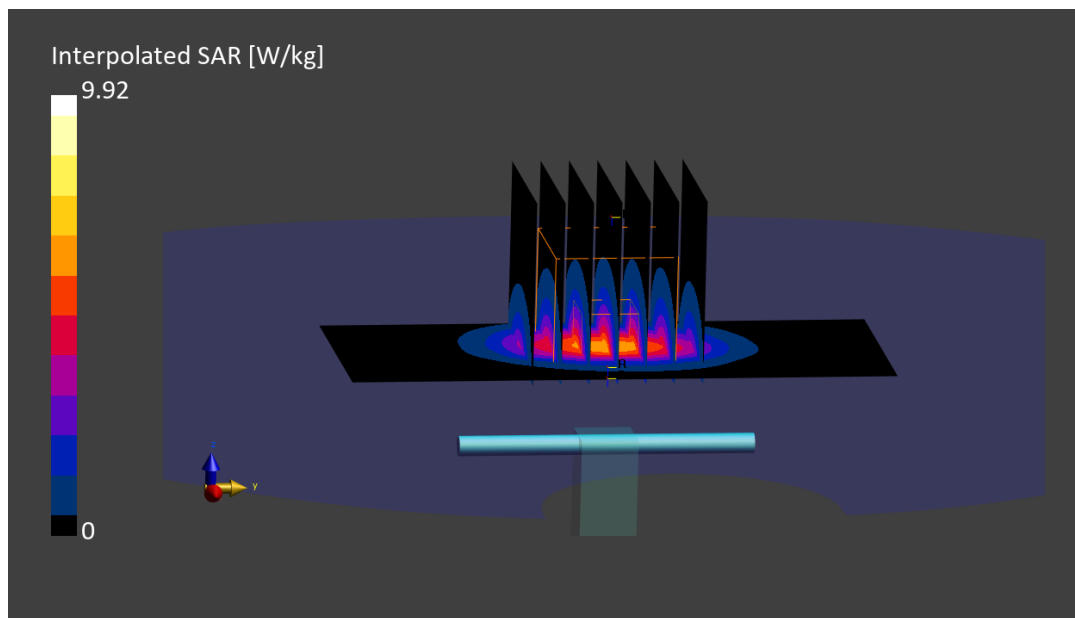
Area Scan (40.0 x 96.0): Measurement grid: $dx=10.0$ mm, $dy=12.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 9.92 W/kg

SAR(1 g) = 4.96 W/kg; SAR(10 g) = 2.30 W/kg

Deviation (1 g) = -4.25%; Deviation (10 g) = -5.35%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN981

Communication System: UID: 0, CW; Frequency: 2450.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.79$ S/m; $\text{perm} = 38.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/01/2025; Ambient Temp: 21.3°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7410; ConvF:(7.07,6.98,7.38); 2024-12-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1213; 2024-12-04

Phantom: Twin-SAM V8.0; Serial: 1978

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

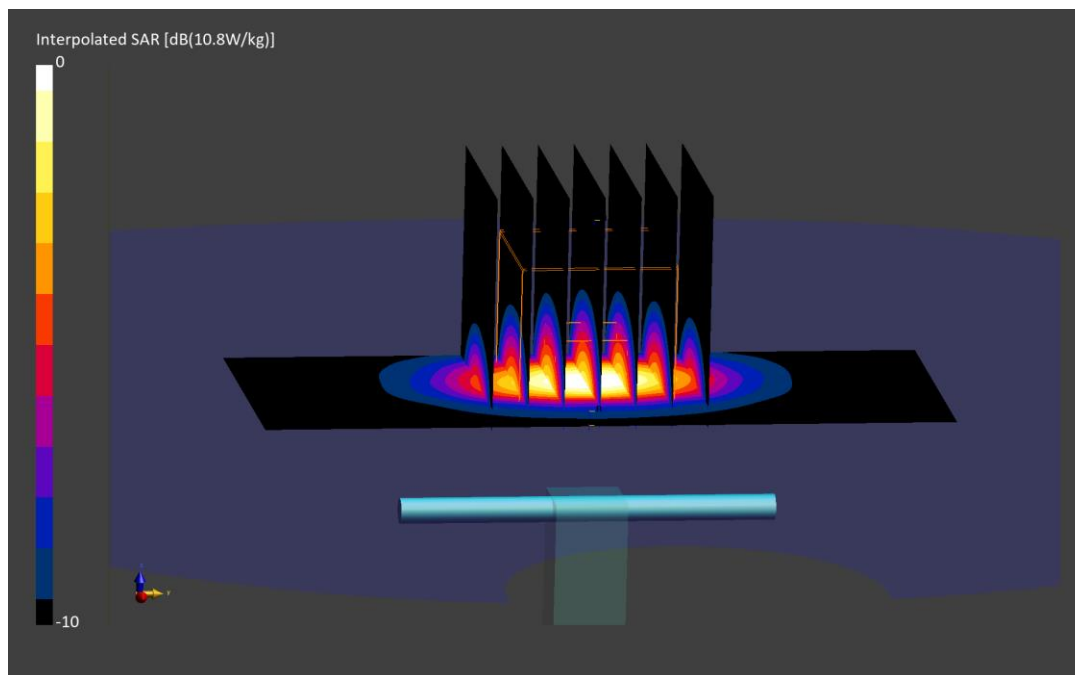
Area Scan (40.0 x 96.0): Measurement grid: $dx=10.0$ mm, $dy=12.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.8 W/kg

SAR(1 g) = 5.36 W/kg; SAR(10 g) = 2.50 W/kg

Deviation (1 g) = 3.47%; Deviation (10 g) = 2.88%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN981

Communication System: UID: 0, CW; Frequency: 2450.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.78$ S/m; $\text{perm} = 40.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/02/2025; Ambient Temp: 24.0°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7713; ConvF:(8.4,7.82,7.61); 2025-01-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1530; 2025-01-13

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

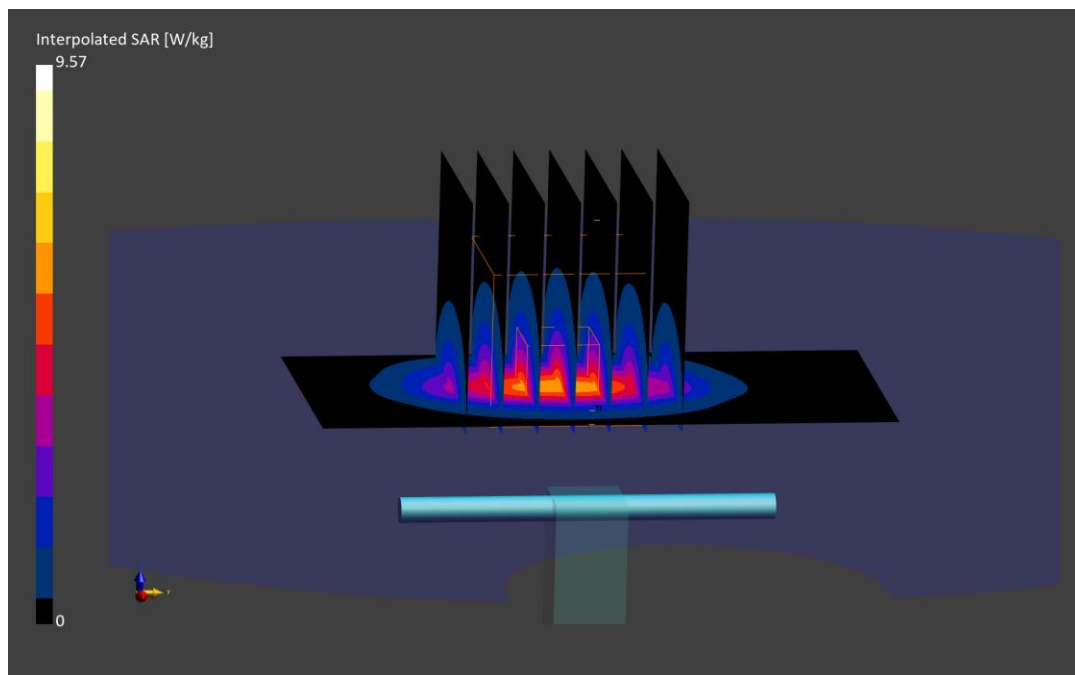
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 9.57 W/kg

SAR(1 g) = 4.82 W/kg; SAR(10 g) = 2.27 W/kg

Deviation (1 g) = -6.95%; Deviation (10 g) = -6.58%



ELEMENT

DUT: Dipole 2450.000 MHz; Type: D2450V2 - SN981

Communication System: UID: 0, CW; Frequency: 2450.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2450.000$ MHz; $\text{cond} = 1.77$ S/m; $\text{perm} = 40.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/07/2025; Ambient Temp: 23.9°C; Tissue Temp: 21.3°C

Probe: EX3DV4 - SN7410; ConvF:(7.07,6.98,7.38); 2024-12-05

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1213; 2024-12-04

Phantom: Twin-SAM V8.0; Serial: 1978

Measurement SW: DASY Module SAR V16.4.0.5005

2450.0 MHz System Verification at 20.0 dBm (100 mW)

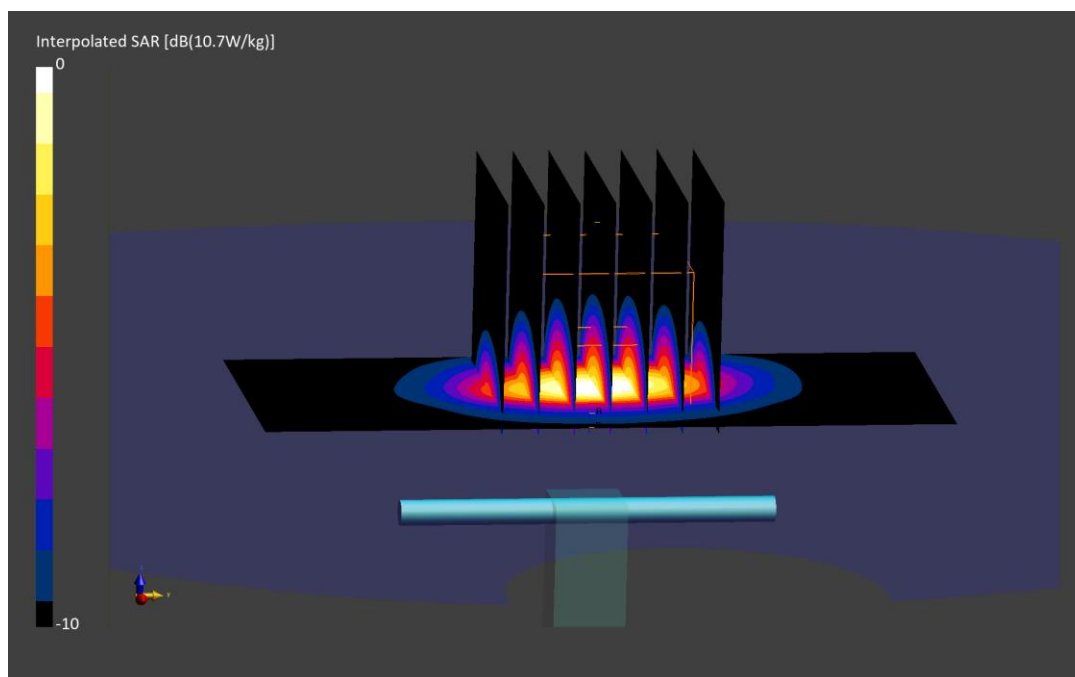
Area Scan (40.0 x 96.0): Measurement grid: $dx=10.0$ mm, $dy=12.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.7 W/kg

SAR(1 g) = 5.33 W/kg; SAR(10 g) = 2.48 W/kg

Deviation (1 g) = 2.90%; Deviation (10 g) = 2.06%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1071

Communication System: UID: 0, CW; Frequency: 2600.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:
 $f = 2600.000$ MHz; $\text{cond} = 1.96$ S/m; $\text{perm} = 39.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/19/2025; Ambient Temp: 20.3°C; Tissue Temp: 20.3°C

Probe: EX3DV4 - SN7417; ConvF:(7.1,6.65,6.75); 2025-02-12

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn665; 2025-02-06

Phantom: Twin-SAM V5.0; Serial: 1759

Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

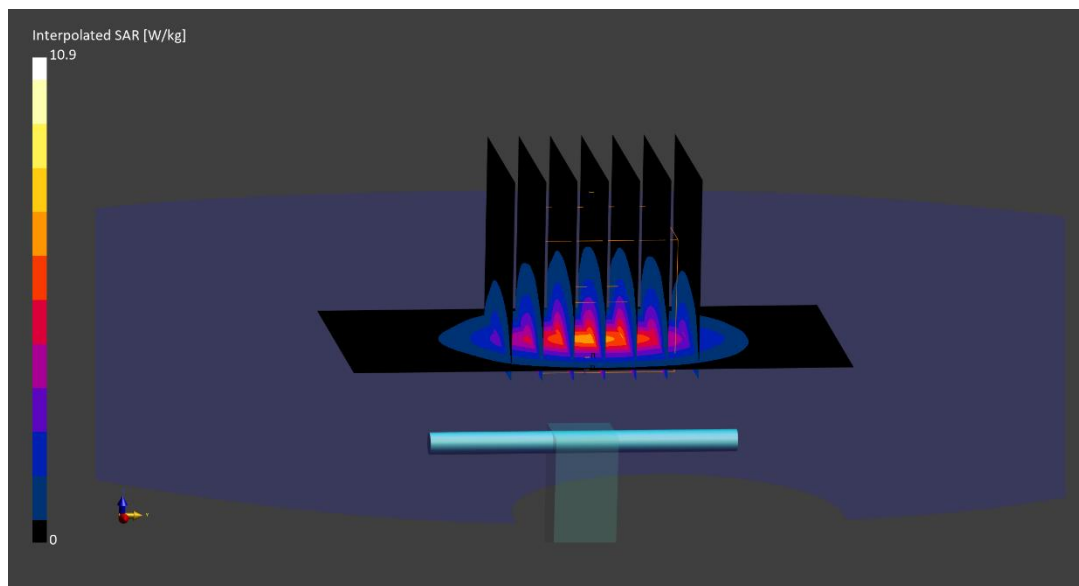
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.9 W/kg

SAR(1 g) = 5.17 W/kg; SAR(10 g) = 2.36 W/kg

Deviation (1 g) = -8.50%; Deviation (10 g) = -7.09%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1004

Communication System: UID: 0, CW; Frequency: 2600.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 2600.000$ MHz; $\text{cond} = 1.90$ S/m; $\text{perm} = 40.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/25/2025; Ambient Temp: 23.6°C; Tissue Temp: 21.1°C

Probe: EX3DV4 - SN7713; ConvF:(8.05,7.49,7.29); 2025-01-07

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1530; 2025-01-13

Phantom: Twin-SAM V8.0; Serial: 2064

Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

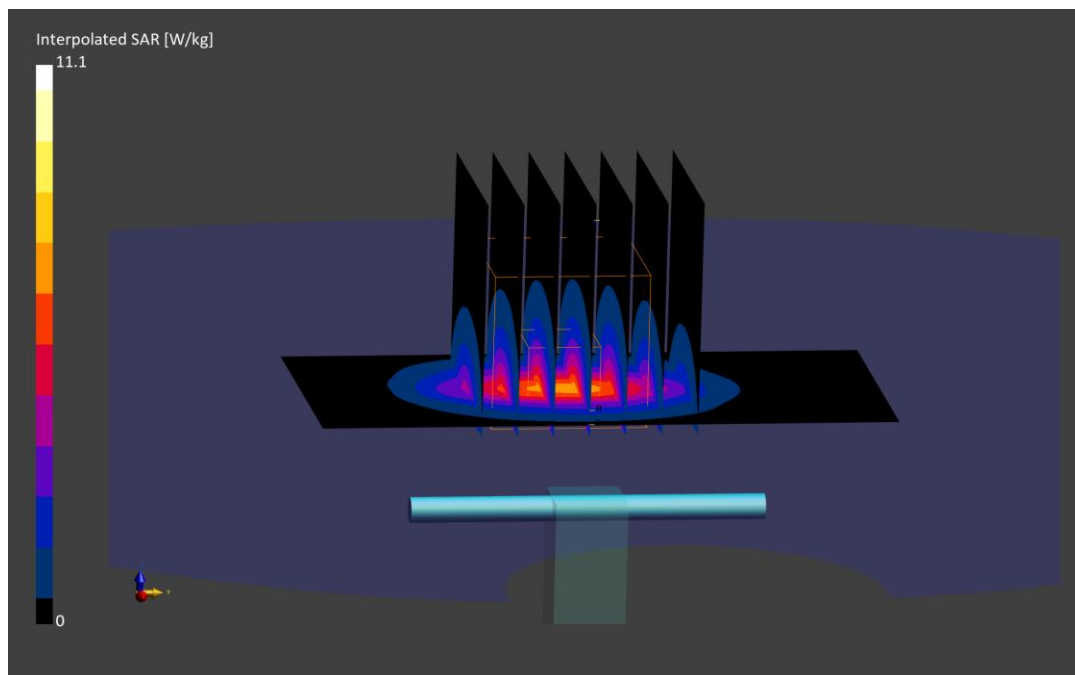
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 11.1 W/kg

SAR(1 g) = 5.37 W/kg; SAR(10 g) = 2.46 W/kg

Deviation (1 g) = -4.62%; Deviation (10 g) = -2.38%



ELEMENT

DUT: Dipole 2600.000 MHz; Type: D2600V2 - SN1004

Communication System: UID: 0, CW; Frequency: 2600.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 2600.000$ MHz; $\text{cond} = 1.90$ S/m; $\text{perm} = 40.4$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/02/2025; Ambient Temp: 24.0°C; Tissue Temp: 22.5°C

Probe: EX3DV4 - SN7713; ConvF:(8.05,7.49,7.29); 2025-01-07
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1530; 2025-01-13
Phantom: Twin-SAM V8.0; Serial: 2064
Measurement SW: DASY Module SAR V16.4.0.5005

2600.0 MHz System Verification at 20.0 dBm (100 mW)

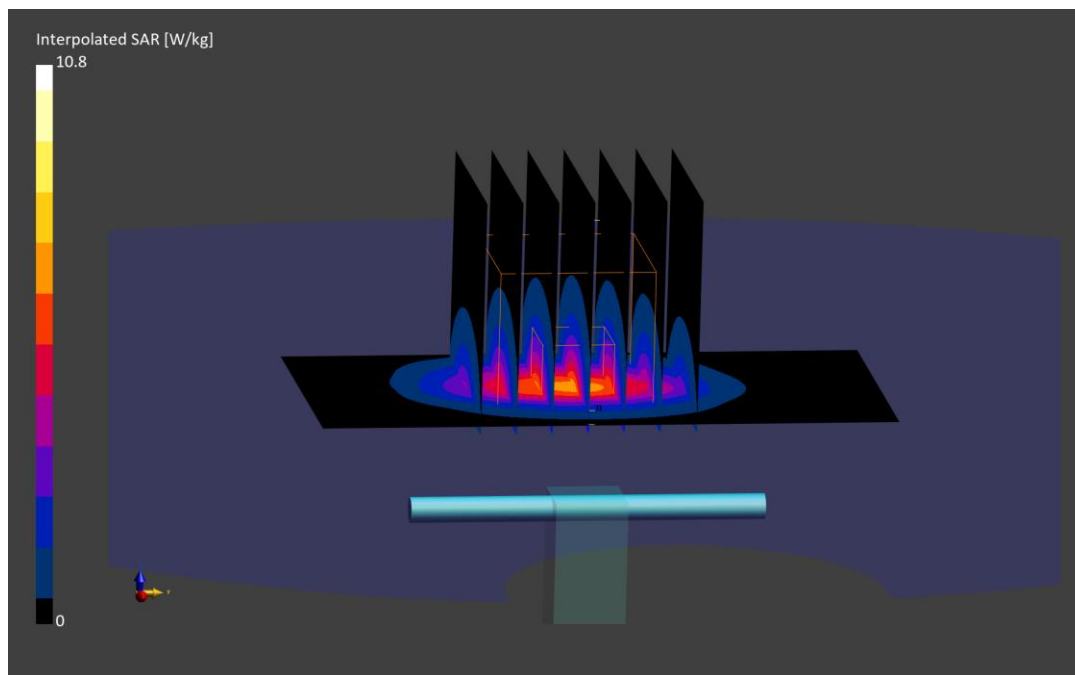
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 31.2): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 10.8 W/kg

SAR(1 g) = 5.22 W/kg; SAR(10 g) = 2.40 W/kg

Deviation (1 g) = -7.28%; Deviation (10 g) = -4.76%



ELEMENT

DUT: Dipole 3500.000 MHz; Type: D3500V2 - SN1097

Communication System: UID: 0, CW; Frequency: 3500.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 3500.000$ MHz; $\text{cond} = 2.78$ S/m; $\text{perm} = 38.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/30/2025; Ambient Temp: 21.6°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7660; ConvF:(7.04,6.7,7.27); 2025-05-09

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1678; 2025-05-09

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.4.0.5005

3500.0 MHz System Verification at 20.0 dBm (100 mW)

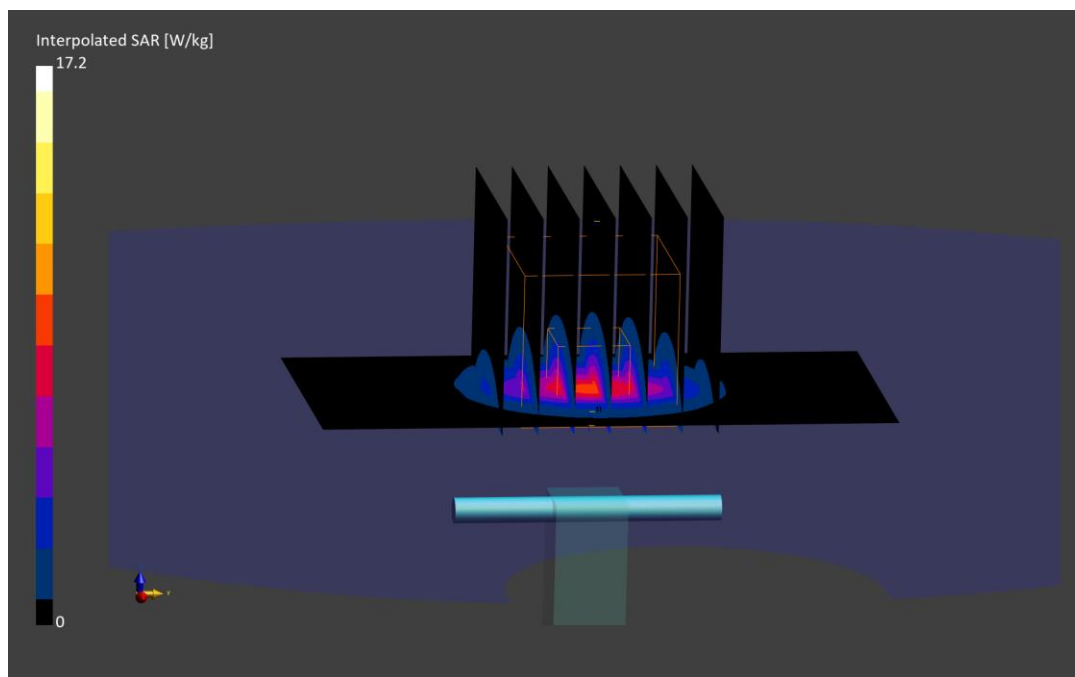
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 6.74 W/kg; SAR(10 g) = 2.60 W/kg

Deviation (1 g) = 3.06%; Deviation (10 g) = 5.26%



ELEMENT

DUT: Dipole 3500.000 MHz; Type: D3500V2 - SN1097

Communication System: UID: 0, CW; Frequency: 3500.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 3500.000$ MHz; $\text{cond} = 2.86$ S/m; $\text{perm} = 37.6$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/07/2025; Ambient Temp: 22.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7660; ConvF:(7.04,6.7,7.27); 2025-05-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1678; 2025-05-09
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.4.0.5005

3500.0 MHz System Verification at 20.0 dBm (100 mW)

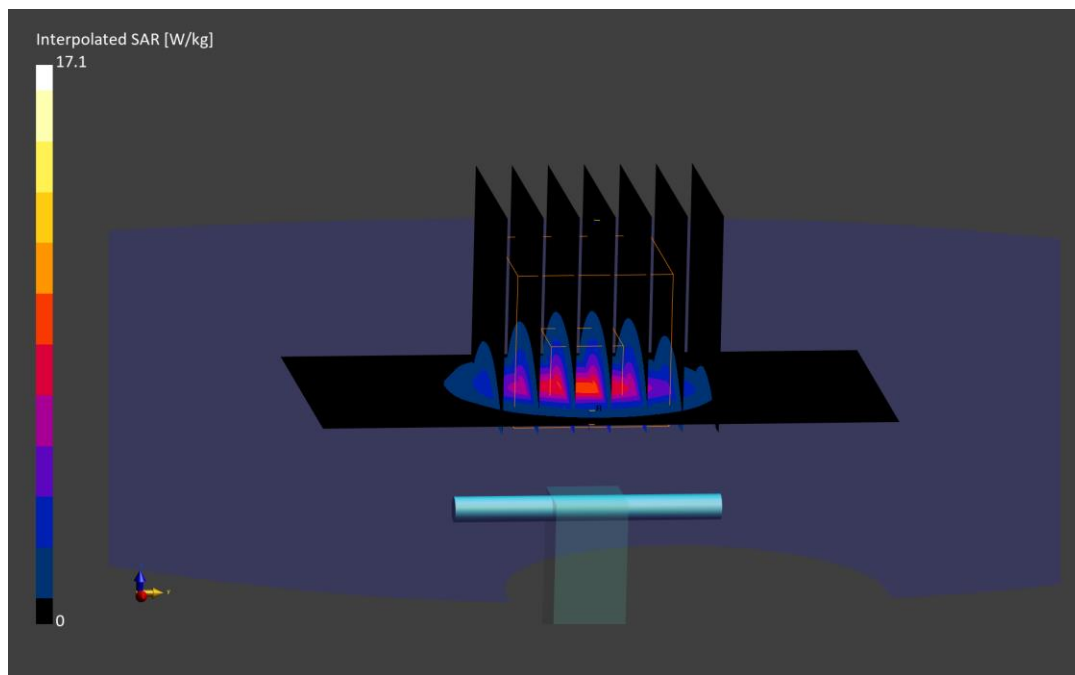
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 17.2 W/kg

SAR(1 g) = 6.78 W/kg; SAR(10 g) = 2.64 W/kg

Deviation (1 g) = 3.67%; Deviation (10 g) = 6.88%



ELEMENT

DUT: Dipole 3700.000 MHz; Type: D3700V2 - SN1067

Communication System: UID: 0, CW; Frequency: 3700.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 3700.000$ MHz; $\text{cond} = 2.97$ S/m; $\text{perm} = 38.3$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 06/30/2025; Ambient Temp: 21.6°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7660; ConvF:(7.04,6.7,7.28); 2025-05-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1678; 2025-05-09
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.4.0.5005

3700.0 MHz System Verification at 20.0 dBm (100 mW)

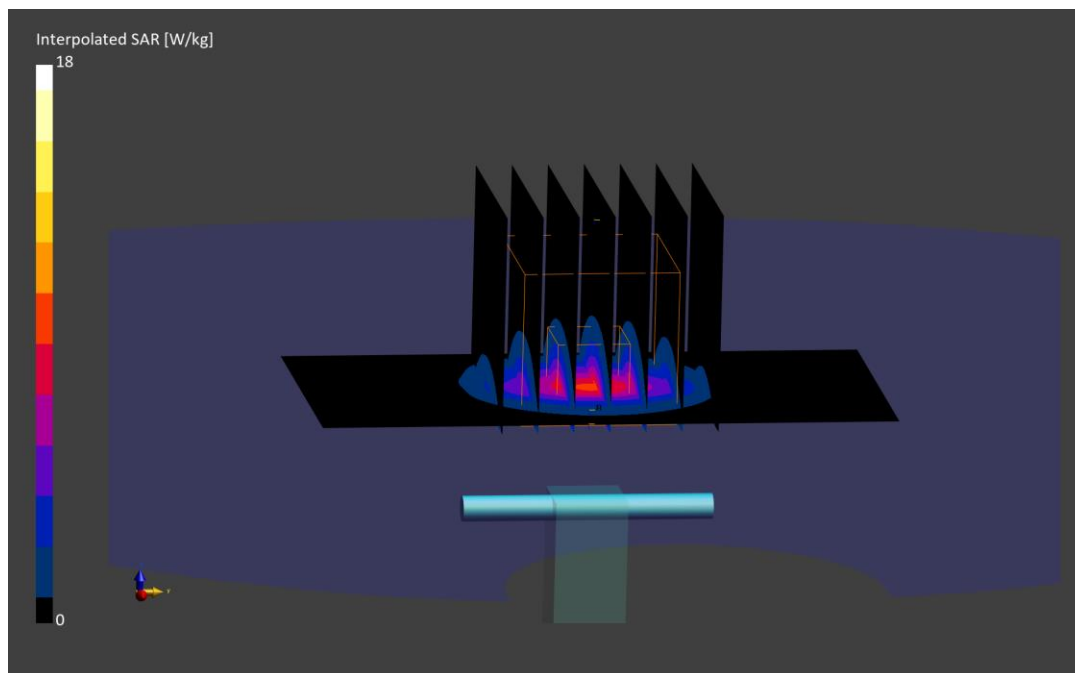
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 18.0 W/kg

SAR(1 g) = 6.73 W/kg; SAR(10 g) = 2.52 W/kg

Deviation (1 g) = 0.60%; Deviation (10 g) = 3.70%



ELEMENT

DUT: Dipole 3700.000 MHz; Type: D3700V2 - SN1067

Communication System: UID: 0, CW; Frequency: 3700.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 3700.000$ MHz; $\text{cond} = 3.07$ S/m; $\text{perm} = 37.2$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/07/2025; Ambient Temp: 22.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7660; ConvF:(7.04,6.7,7.28); 2025-05-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1678; 2025-05-09
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.4.0.5005

3700.0 MHz System Verification at 20.0 dBm (100 mW)

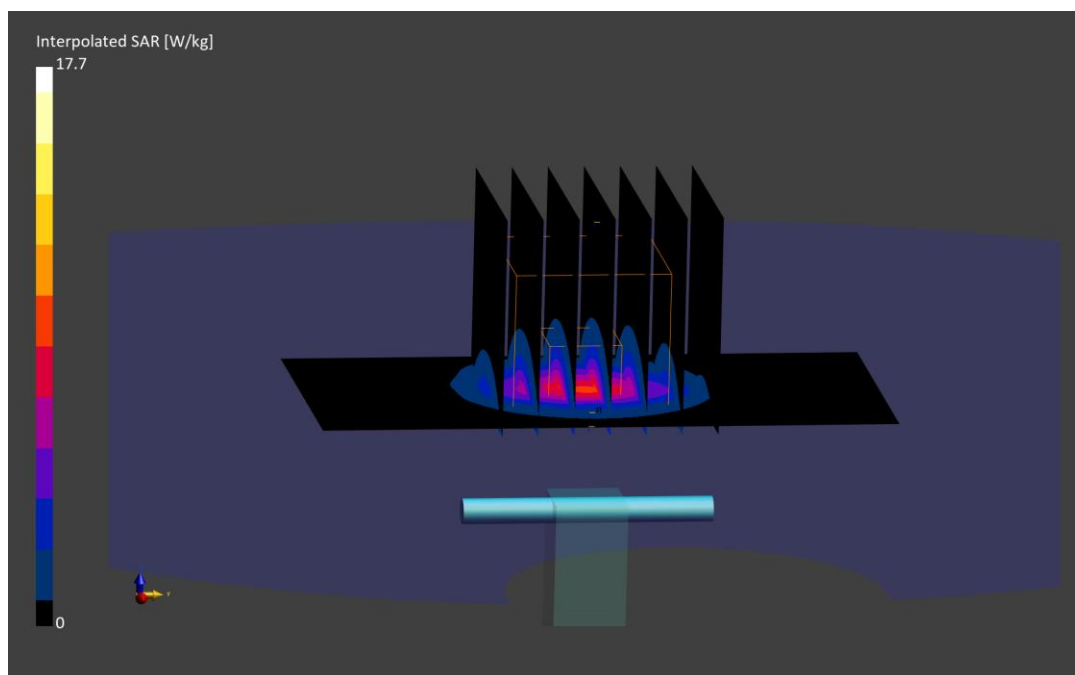
Area Scan (40.0 x 80.0): Measurement grid: $\text{dx}=10.0$ mm, $\text{dy}=10.0$ mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: $\text{dx}=5.0$ mm, $\text{dy}=5.0$ mm, $\text{dz}=1.4$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 17.7 W/kg

SAR(1 g) = 6.67 W/kg; SAR(10 g) = 2.52 W/kg

Deviation (1 g) = -0.30%; Deviation (10 g) = 3.70%



ELEMENT

DUT: Dipole 3900.000 MHz; Type: D3900V2 - SN1056

Communication System: UID: 0, CW; Frequency: 3900.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 3900.000$ MHz; $\text{cond} = 3.17$ S/m; $\text{perm} = 37.9$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/30/2025; Ambient Temp: 21.6°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7660; ConvF:(6.92,6.59,7.15); 2025-05-09

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1678; 2025-05-09

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.4.0.5005

3900.0 MHz System Verification at 20.0 dBm (100 mW)

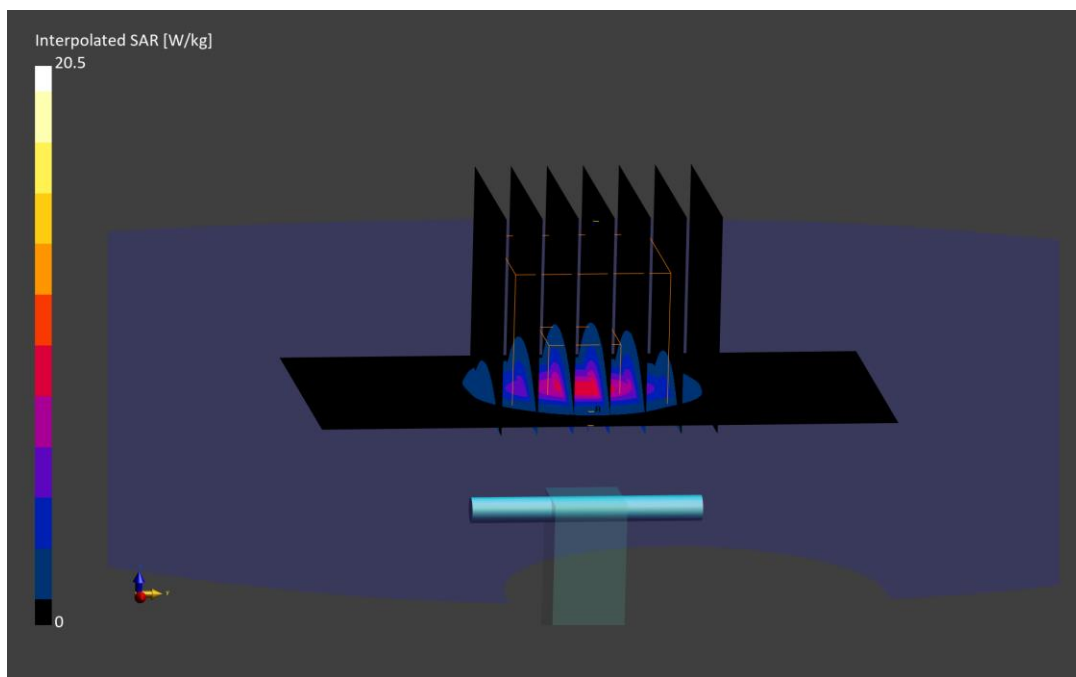
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 20.5 W/kg

SAR(1 g) = 7.26 W/kg; SAR(10 g) = 2.58 W/kg

Deviation (1 g) = 6.45%; Deviation (10 g) = 8.40%



ELEMENT

DUT: Dipole 3900.000 MHz; Type: D3900V2 - SN1056

Communication System: UID: 0, CW; Frequency: 3900.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
f = 3900.000 MHz; cond = 3.28 S/m; perm = 36.8; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/07/2025; Ambient Temp: 22.3°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7660; ConvF:(6.92,6.59,7.15); 2025-05-09
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn1678; 2025-05-09
Phantom: Twin-SAM V8.0; Serial: 2056
Measurement SW: DASY Module SAR V16.4.0.5005

3900.0 MHz System Verification at 20.0 dBm (100 mW)

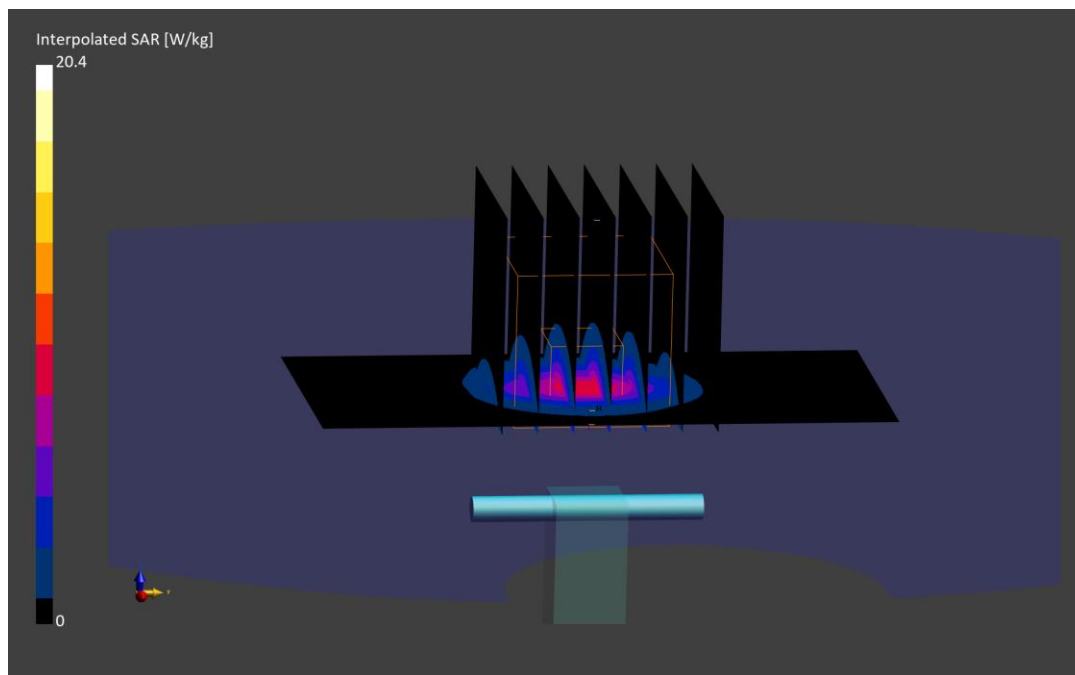
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (30.0 x 30.0 x 29.1): Measurement grid: dx=5.0 mm, dy=5.0 mm, dz=1.4 mm; Graded Ratio: 1.5

Peak SAR (extrapolated) = 20.4 W/kg

SAR(1 g) = 7.24 W/kg; SAR(10 g) = 2.58 W/kg

Deviation (1 g) = 6.16%; Deviation (10 g) = 8.40%



ELEMENT

DUT: Dipole 5250.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5250.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 5250.000 MHz; cond = 4.52 S/m; perm = 35.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/15/2025; Ambient Temp: 22.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7803; ConvF:(5.21,5.33,5.42); 2024-06-28

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1583; 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

5250.0 MHz System Verification at 17.0 dBm (50 mW)

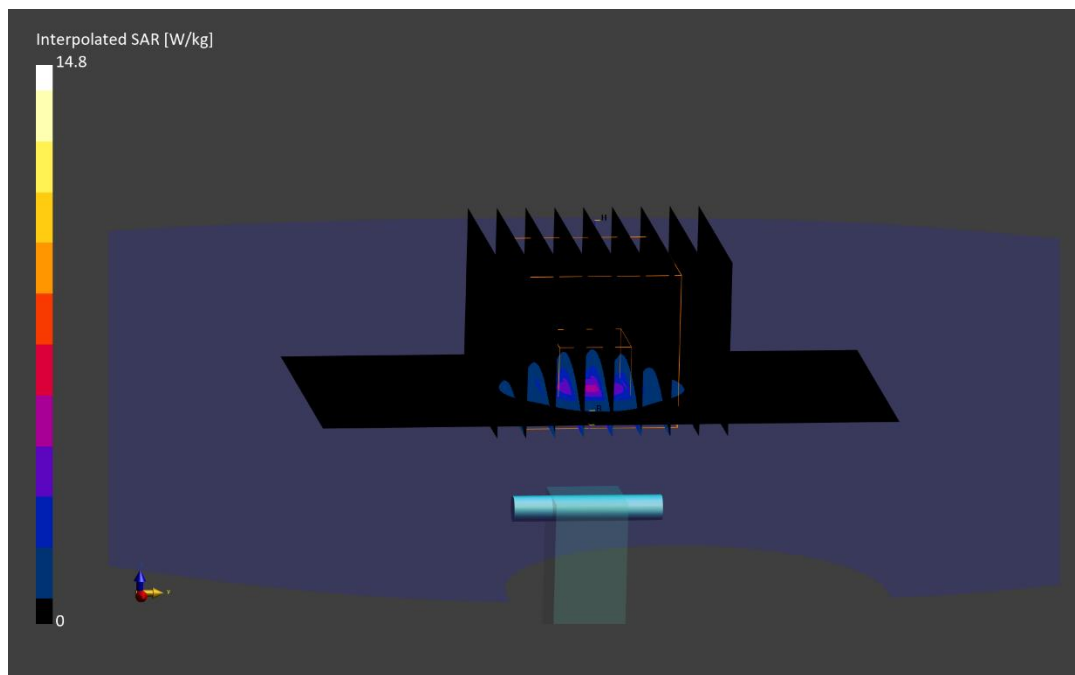
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (32.0 x 32.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 3.68 W/kg; SAR(10 g) = 1.10 W/kg

Deviation (1 g) = -7.30%; Deviation (10 g) = -3.08%



ELEMENT

DUT: Dipole 5250.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5250.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 5250.000 MHz; cond = 4.69 S/m; perm = 37.4; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/01/2025; Ambient Temp: 21.0°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7661; ConvF:(5.7,6.07,6.06); 2025-06-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1558; 2025-06-05

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

5250.0 MHz System Verification at 17.0 dBm (50 mW)

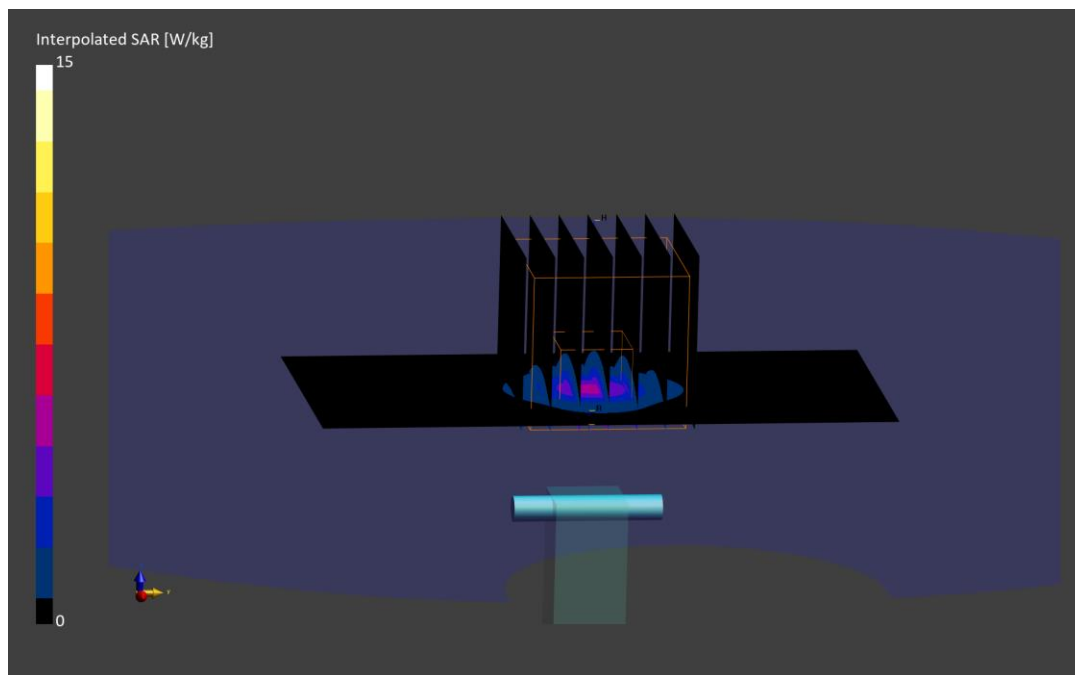
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (24.0 x 24.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 15.0 W/kg

SAR(1 g) = 3.74 W/kg; SAR(10 g) = 1.08 W/kg

Deviation (1 g) = -5.79%; Deviation (10 g) = -4.85%



ELEMENT

DUT: Dipole 5600.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5600.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 5600.000 MHz; cond = 4.91 S/m; perm = 35.0; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/15/2025; Ambient Temp: 22.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7803; ConvF:(4.82,4.92,5.01); 2024-06-28

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1583; 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

5600.0 MHz System Verification at 17.0 dBm (50 mW)

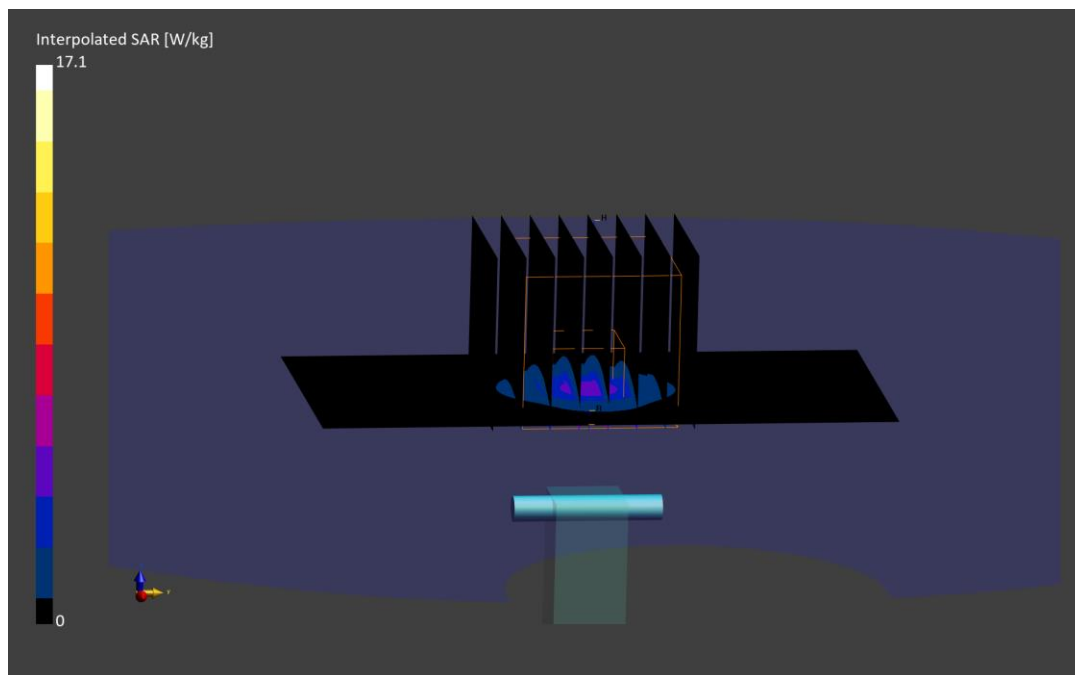
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (24.0 x 28.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 17.1 W/kg

SAR(1 g) = 3.93 W/kg; SAR(10 g) = 1.17 W/kg

Deviation (1 g) = -5.07%; Deviation (10 g) = -0.85%



ELEMENT

DUT: Dipole 5600.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5600.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:
f = 5600.000 MHz; cond = 5.09 S/m; perm = 36.7; density = 1000 kg/m³
Phantom Section: Flat; Space: 10 mm

Test Date: 07/01/2025; Ambient Temp: 21.0°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7661; ConvF:(5.13,5.46,5.46); 2025-06-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1558; 2025-06-05

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

5600.0 MHz System Verification at 17.0 dBm (50 mW)

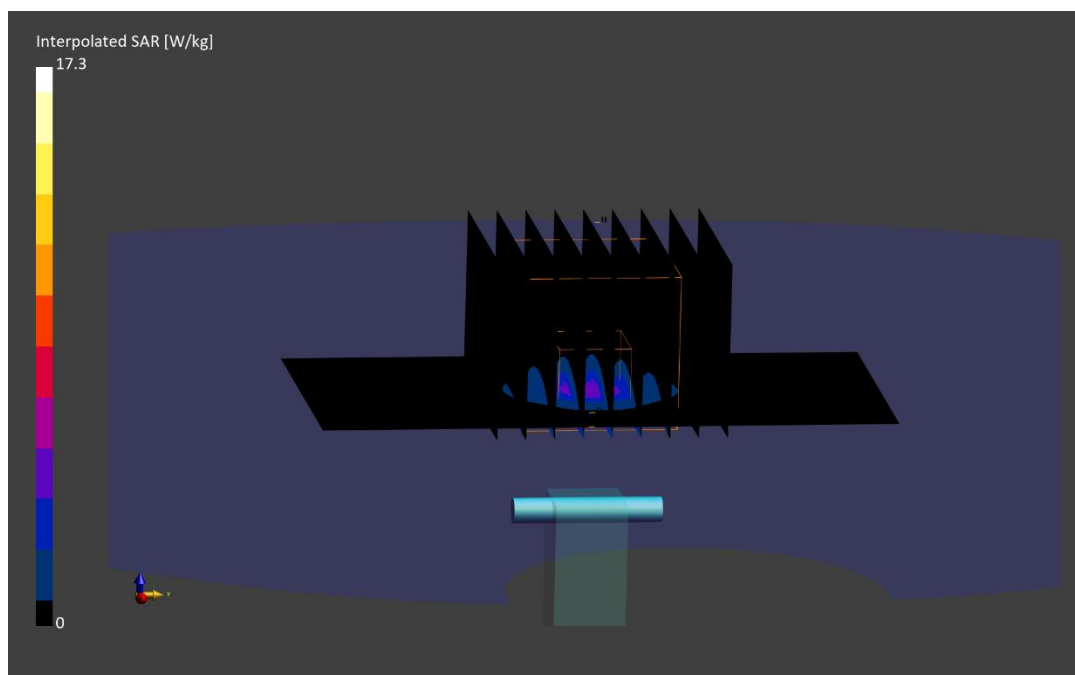
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (32.0 x 32.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 4.04 W/kg; SAR(10 g) = 1.16 W/kg

Deviation (1 g) = -2.42%; Deviation (10 g) = -1.69%



ELEMENT

DUT: Dipole 5750.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5750.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 5750.000 MHz; cond = 5.09 S/m; perm = 34.8; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/15/2025; Ambient Temp: 22.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7803; ConvF:(4.79,4.89,4.98); 2024-06-28

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1583; 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

5750.0 MHz System Verification at 17.0 dBm (50 mW)

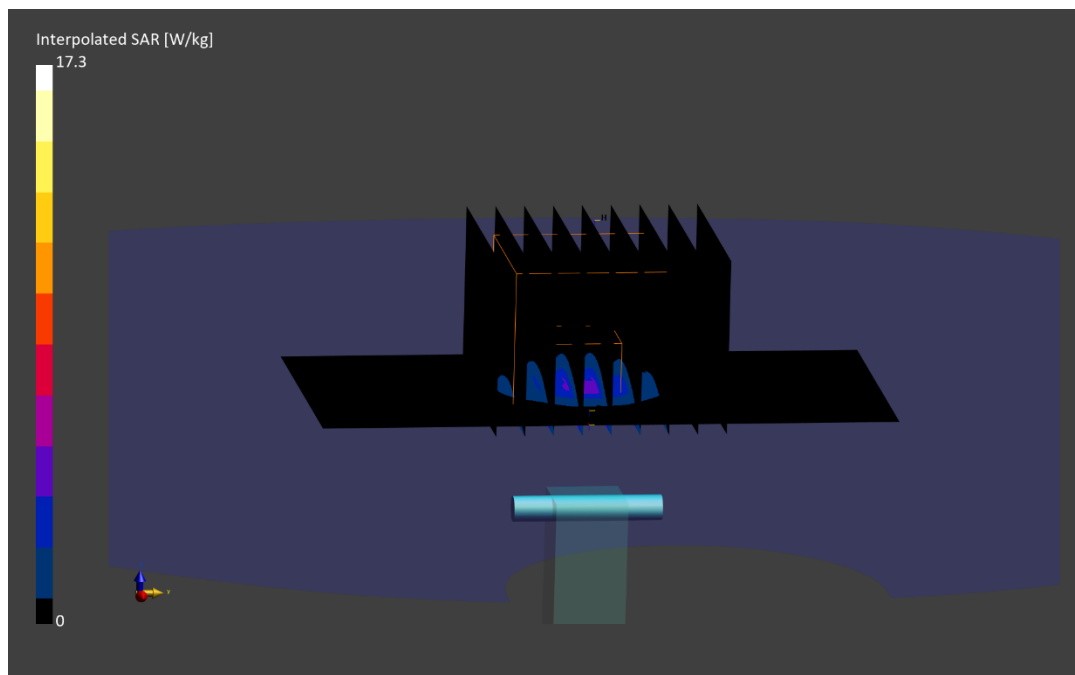
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (32.0 x 32.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 17.3 W/kg

SAR(1 g) = 3.91 W/kg; SAR(10 g) = 1.16 W/kg

Deviation (1 g) = -2.01%; Deviation (10 g) = 2.20%



ELEMENT

DUT: Dipole 5750.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5750.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 5750.000$ MHz; $\text{cond} = 5.27$ S/m; $\text{perm} = 36.5$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/01/2025; Ambient Temp: 21.0°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7661; ConvF:(5.27,5.61,5.61); 2025-06-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1558; 2025-06-05

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

5750.0 MHz System Verification at 17.0 dBm (50 mW)

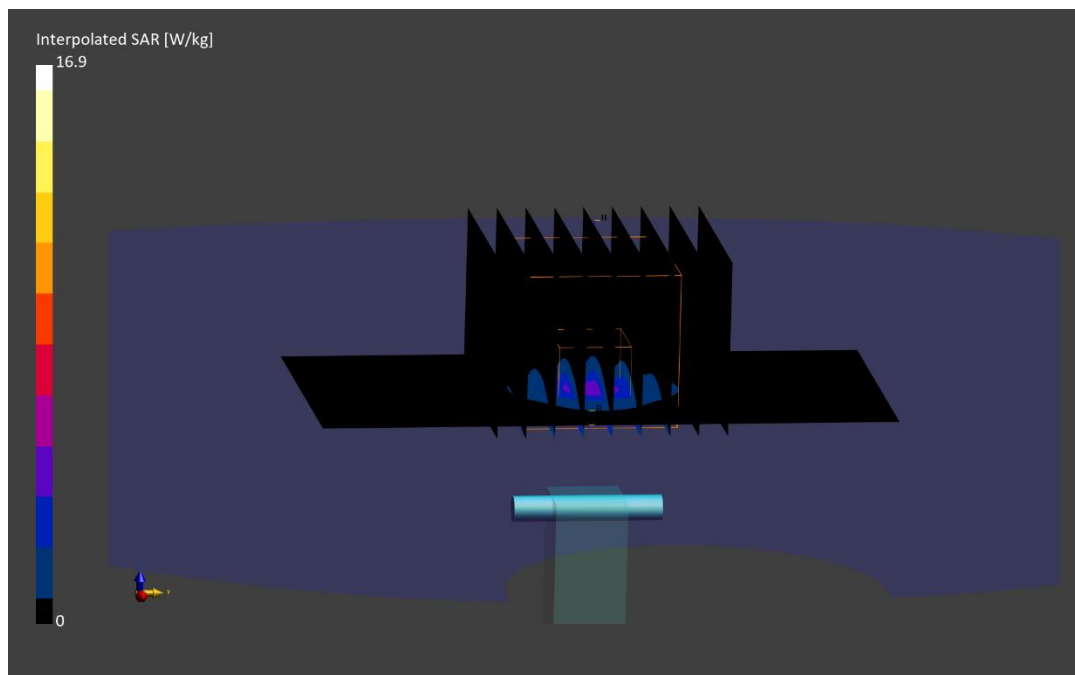
Area Scan (40.0 x 80.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (32.0 x 32.0 x 22.9): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 16.9 W/kg

SAR(1 g) = 3.77 W/kg; SAR(10 g) = 1.08 W/kg

Deviation (1 g) = -5.51%; Deviation (10 g) = -4.85%



ELEMENT

DUT: Dipole 5850.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5850.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 5850.000 MHz; cond = 5.21 S/m; perm = 34.6; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 06/15/2025; Ambient Temp: 22.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7803; ConvF:(4.78,4.89,4.97); 2024-06-28

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1583; 2024-07-08

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

5850.0 MHz System Verification at 17.0 dBm (50 mW)

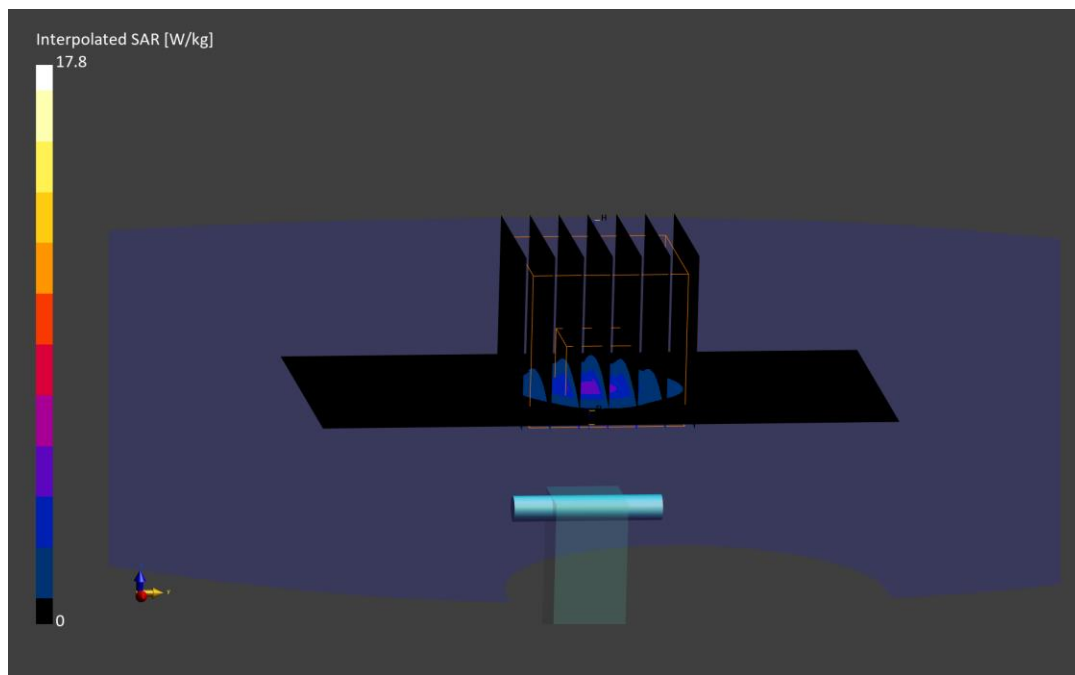
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (24.0 x 24.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 17.8 W/kg

SAR(1 g) = 3.95 W/kg; SAR(10 g) = 1.16 W/kg

Deviation (1 g) = -3.07%; Deviation (10 g) = 0.87%



ELEMENT

DUT: Dipole 5850.000 MHz; Type: D5GHzV2 - SN1057

Communication System: UID: 0, CW; Frequency: 5850.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

f = 5850.000 MHz; cond = 5.38 S/m; perm = 36.3; density = 1000 kg/m³

Phantom Section: Flat; Space: 10 mm

Test Date: 07/01/2025; Ambient Temp: 21.0°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7661; ConvF:(5.07,5.39,5.38); 2025-06-11

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1558; 2025-06-05

Phantom: Twin-SAM V8.0; Serial: 2065

Measurement SW: DASY Module SAR V16.4.0.5005

5850.0 MHz System Verification at 17.0 dBm (50 mW)

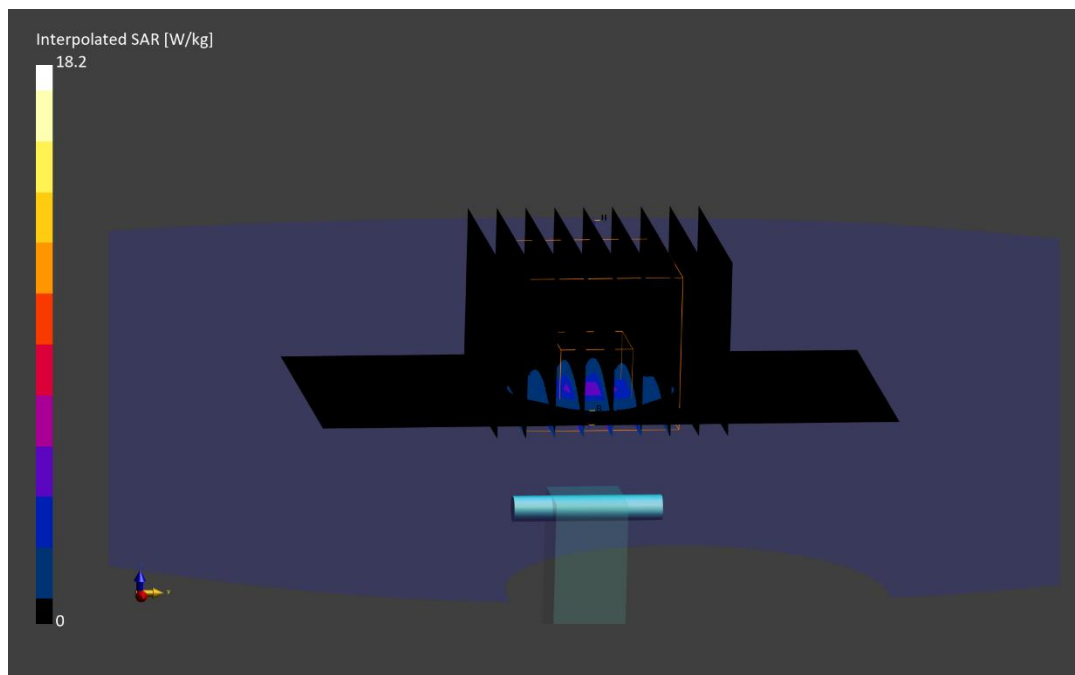
Area Scan (40.0 x 80.0): Measurement grid: dx=10.0 mm, dy=10.0 mm

Zoom Scan (32.0 x 32.0 x 22.9): Measurement grid: dx=4.0 mm, dy=4.0 mm, dz=1.4 mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 18.2 W/kg

SAR(1 g) = 3.99 W/kg; SAR(10 g) = 1.13 W/kg

Deviation (1 g) = -2.09%; Deviation (10 g) = -1.74%



ELEMENT

DUT: Dipole 6500.000 MHz; Type: D6.5GHzV2 - SN1018

Communication System: UID: 0, CW; Frequency: 6500.000 MHz

Medium: Head Simulating Liquid; Medium parameters used:

$f = 6500.000$ MHz; $\text{cond} = 5.97$ S/m; $\text{perm} = 33.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 5 mm

Test Date: 06/15/2025; Ambient Temp: 22.0°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7570; ConvF:(5.35,5.65,5.29); 2025-02-10

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4ip Sn1638; 2025-02-07

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

6500.0 MHz System Verification at 14.0 dBm (25 mW)

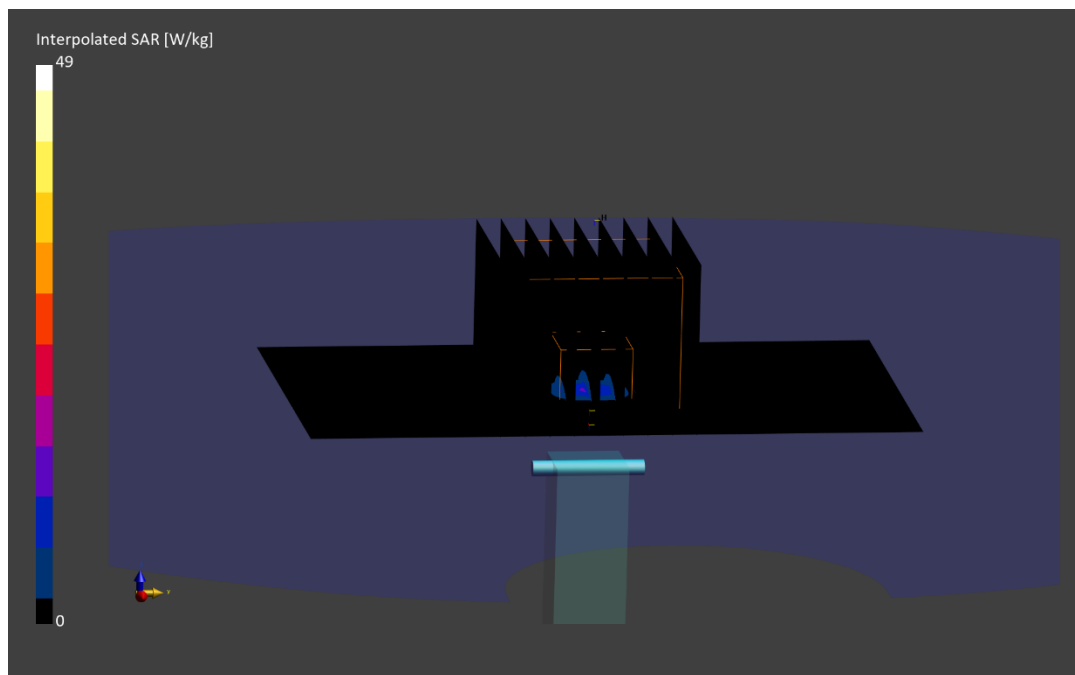
Area Scan (51.0 x 85.0): Measurement grid: $dx=8.5$ mm, $dy=8.5$ mm

Zoom Scan (27.2 x 27.2 x 22.9): Measurement grid: $dx=3.4$ mm, $dy=3.4$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 49.0 W/kg

SAR(1 g) = 7.56 W/kg; SAR(10 g) = 1.39 W/kg; APD(4.0 cm²) = 33.6 W/m²

Deviation (1 g) = 3.56%; Deviation (10 g) = 3.15% Deviation (APD) = 2.60%



ELEMENT

DUT: Dipole 6500.000 MHz; Type: D6.5GHzV2 - SN1018

Communication System: UID: 0, CW; Frequency: 6500.000 MHz
Medium: Head Simulating Liquid; Medium parameters used:
 $f = 6500.000$ MHz; $\text{cond} = 6.22$ S/m; $\text{perm} = 35.0$; $\text{density} = 1000$ kg/m³
Phantom Section: Flat; Space: 5 mm

Test Date: 06/22/2025; Ambient Temp: 21.1°C; Tissue Temp: 19.9°C

Probe: EX3DV4 - SN7570; ConvF:(5.35,5.65,5.29); 2025-02-10

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4ip Sn1638; 2025-02-07

Phantom: Twin-SAM V8.0; Serial: 1979

Measurement SW: DASY Module SAR V16.4.0.5005

6500.0 MHz System Verification at 14.0 dBm (25 mW)

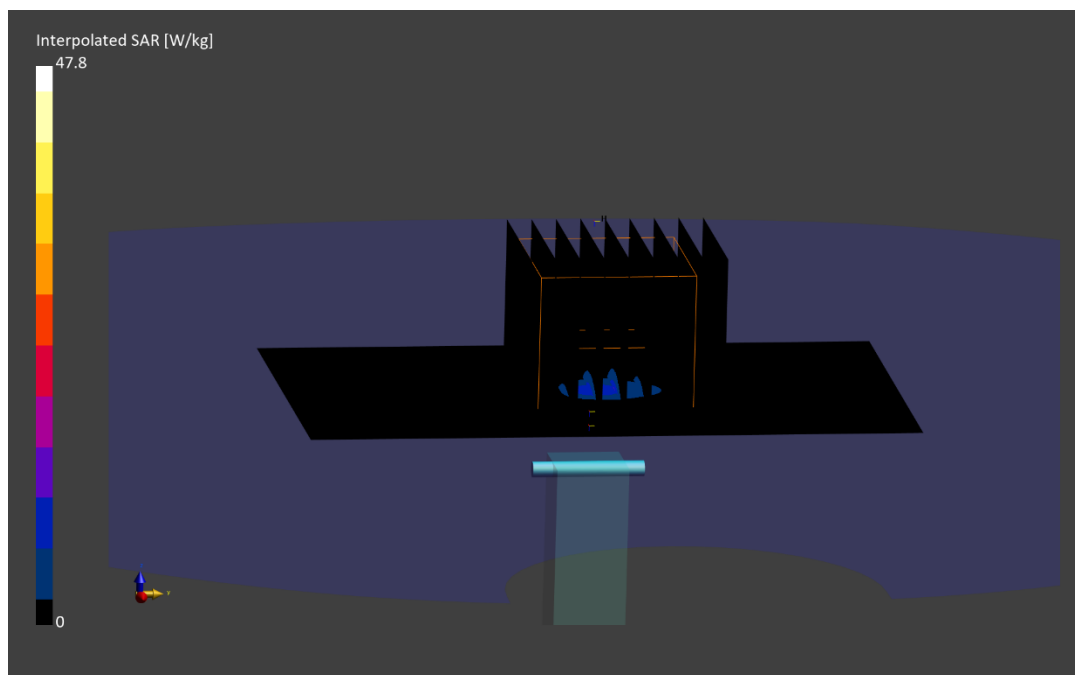
Area Scan (51.0 x 85.0): Measurement grid: $dx=8.5$ mm, $dy=8.5$ mm

Zoom Scan (23.8 x 27.2 x 22.9): Measurement grid: $dx=3.4$ mm, $dy=3.4$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Peak SAR (extrapolated) = 47.8 W/kg

SAR(1 g) = 7.40 W/kg; SAR(10 g) = 1.36 W/kg; APD(4.0 cm²) = 32.9 W/m²

Deviation (1 g) = 1.37%; Deviation (10 g) = 0.93% Deviation (APD) = 0.46%



Date: 2025-06-14

Device Under Test Properties

DUT	Serial Number
10 GHz Verification Source	1002

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	FRONT	10.00	Validation band	10000.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 - SN9389, 2025-01-08	DAE4 - SN1449, 2024-09-10

Software Setup

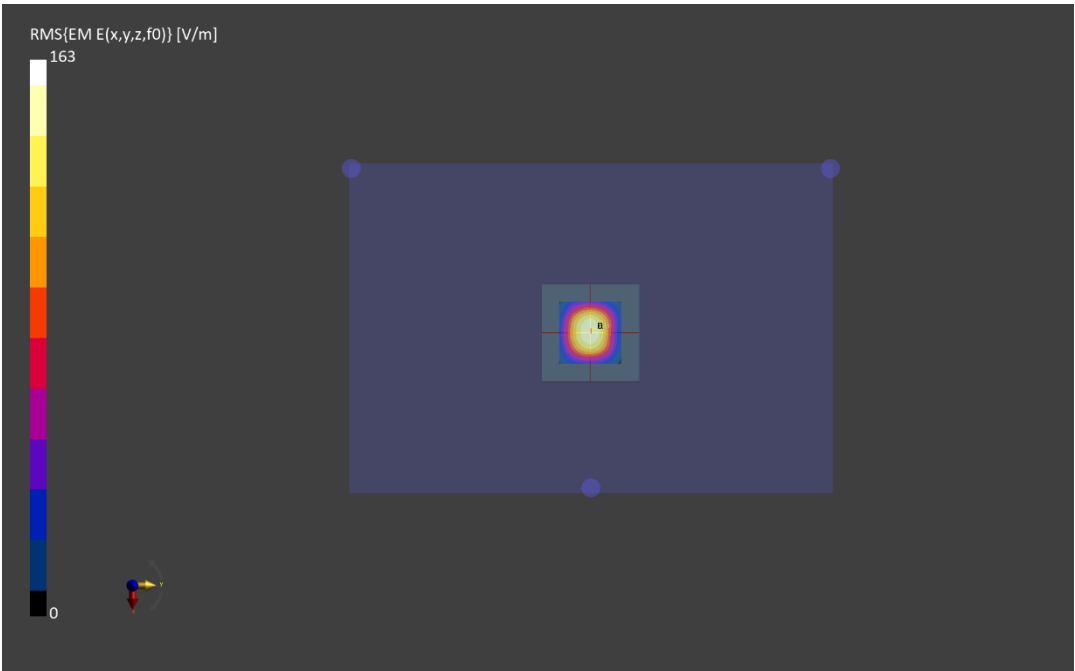
Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	50.0
pS _n avg [W/m²]	49.4
E _{peak} [V/m]	147
Deviation [dB] pS _{tot}	
Deviation [dB] pS _n	



Date: 2025-06-30

Device Under Test Properties

DUT	Serial Number
10 GHz Verification Source	1002

Exposure Conditions

Phantom Section	Position	Test Distance [mm]	Band	Frequency [MHz]
5G	FRONT	10.00	Validation band	10000.0

Hardware Setup

Probe, Calibration Date	DAE, Calibration Date
EUmmWV3 – SN9389, 2025-01-08	DAE4 – SN1449, 2024-09-10

Software Setup

Software	Software Version
cDASY6 Module mmWave	3.2.0.1840

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.125 x 0.125
Sensor Surface [mm]	10.0

Measurement Results

Scan Type	5G Scan
Avg. Area [cm²]	4.00
pS _{tot} avg [W/m²]	49.1
pS _n avg [W/m²]	48.9
E _{peak} [V/m]	150
Deviation [dB] pS _{tot}	
Deviation [dB] pS _n	

