

Nemko Korea Co., Ltd.

165-51, Yurim-ro, Cheoin-gu, Yongin-si, Gyeonggi-do, 17042, Republic of Korea

TEL:+82 31 330-1700

FAX:+82 31 322 2332

IC SAR EVALUATION REPORT FOR C4PC**Project No :** NK-25-R-294**Dates of receipt :** September 18, 2025**Applicant :** LG Electronics Inc.**Dates of Issue :** December 18, 2025222, LG-ro, Jinwi-myeon, Pyeongtaek-si,
Gyeonggi-do, 17709, Republic of Korea**Test Site :**
Nemko Korea Co., Ltd.**IC :****2703H-MB2710S****Applicant :****LG Electronics Inc.****Brand Name :****Model:****MB2710S****Host Marketing Name(HMN):****ROCK****Variant Host****Marketing Name(s):****-****EUT Type:****BLUETOOTH MODULE****Classification:****Digital Transmission Systems(DTSs)****Frequency Hopping Systems(FHSs)****Date of Test:****September 26, 2025 ~ November 10, 2025****Applied Standard:****RSS-102 Issue 6**

The device bearing the brand name and model specified above has been shown to comply with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in IEC/IEEE 62209-1528 for ISSED certification. The client should not use it to claim product endorsement by TAF or any government agencies. The test results in the report only apply to the tested sample.

I attest to the accuracy of data and 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. This report is not related to KS Q ISO/IEC 17025 and KOLAS accreditation.

**Tested By : Yonghwan Kim****Test Engineer****Reviewed By : Wonhee Lee****Technical Manager**

Revision History

Rev.	Issue Date	Revisions	Revised By
00	December 18, 2025	Initial issue	Wonhee Lee

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1. INTRODUCTION

1.1 Test facility

The measurement procedure described in American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz (ANSI C63.4-2014), the American National Standard for Testing Unlicensed Wireless Devices (ANSI C63.10-2020) was used in determining radiated and conducted emissions emanating.

These measurement tests were conducted at **Nemko Korea Co., Ltd.**

The site address 165-51, Cheoin-Gu, Yongin-Si, Gyeonggi-Do 17042 Republic of Korea.

1.2 Accreditation and listing

Accreditation type		Accreditation number
	CAB Accreditation for DOC	Designation No. KR0026
	KOLAS Accredited Lab. (Korea Laboratory Accreditation Scheme)	Registration No. KT155
	Canada IC Registered site	Site No. 29506
	VCCI registration site(RE/CE/Telecom CE)	Member No. 2118
	EMC CBTL	TL124
	KCC(RRL)Designated Lab.	Registration No. KR0026

2. EUT INFORMATION & TEST CONDITIONS

2.1 EUT Information

Specifications:

EUT Type	BLUETOOTH MODULE
Model Name	MB2710S
Host Marketing Name(HMN)	ROCK
Variant Host Marketing Name(s)	-
Brand Name	 LG
Frequency of Operation	GFSK, $\pi/4$ DQPSK, 8DPSK : 2 402 MHz ~ 2 480 MHz BLE 1Mbps, 125kbps, 500kbps : 2 402 MHz ~ 2 480 MHz BLE 2Mbps : 2 404 MHz ~ 2 478 MHz
Hardware Version Identification Number(HVIN)	MB2710S
Firmware Version Identification Number(FVIN)	BT01.10
Average Output Power (Conducted)	GFSK : 10.91 dBm $\pi/4$ DQPSK : 8.33 dBm 8DPSK : 8.42 dBm BLE 1Mbps : 5.43 dBm BLE 125kbps : 5.38 dBm BLE 500kbps : 5.40 dBm BLE 2Mbps : 5.15 dBm
Modulations	GFSK, $\pi/4$ DQPSK, 8DPSK
Highest SAR Value (Reported)	0.114 W/kg
Highest Simultaneous SAR Value(Reported)	N/A
Classification	Digital Transmission Systems (DTSS) Frequency Hopping Systems (FHSs)
Channel Number	FHSs : 79 ch DTSS : BLE 1Mbps, 125Kbps, 500Kbps: 40 ch, BLE 2Mbps: 38 ch
Antenna Gain (peak)	2.90 dBi
Antenna Setup	1TX / 1RX
Remarks	RF module(MB2710S) report No.: REP124498-1(Bluetooth) REP124498-2(Bluetooth LE)

2.1.1 Variants Covered By This Report(Model Distinction)

Model Distinction
N/A

2.2 Operation During Test

The EUT contains ISED approved RF module.

The EUT is the transceiver which is Bluetooth v5.4 module supporting BDR/EDR/BLE mode.

The Laptop was used to control the EUT to transmit the wanted TX channel continuously by the testing program (BQB Test Tools_20240314) supported by manufacturer.

The EUT was tested at the lowest channel, middle channel and the highest channel with the maximum output power in accordance with the manufacturer's specifications. The worst data were recorded in the report.

2.2.1 Operating Environment

Parameters	Recording during test	Accepted deviation
Ambient temperature	(20.4 ~ 21.7) °C	(18.0 ~ 25.0) °C
Relative Humidity	(41 ~ 55) % .R.H.	(30.0 ~ 70.0) % .R.H.

2.2.2 Table of test channels

Frequency band	Modulation	Test Channel (CH)	Frequency (MHz)
(2 402 ~ 2 480) MHz	GFSK, π/4DQPSK, 8DPSK	0	2 402
		39	2 441
		78	2 480
	BLE 1Mbps, BLE 125kbps, BLE 500kbps	0	2 402
		19	2 440
		39	2 480
	BLE 2Mbps	1	2 404
		19	2 440
		38	2 478

2.2.3 Table of test power setting

Frequency	Mode	Power Setting Level
(2 402 ~ 2 480) MHz	GFSK	DUT Mode
	$\pi/4$ DQPSK	DUT Mode
	8DPSK	DUT Mode
	BLE 1Mbps	0x7F_MAX
	BLE 125kbps	0x7F_MAX
	BLE 500kbps	0x7F_MAX
(2 404 ~ 2 478) MHz	BLE 2Mbps	0x7F_MAX

2.2.4 Antenna Information

Frequency	Mode	Antenna TX mode	Support MIMO
(2 402 ~ 2 480) MHz	GFSK, $\pi/4$ DQPSK, 8DPSK	■ 1TX, □ 2TX	□ Yes, ■ No
(2 402 ~ 2 480) MHz	BLE 1Mbps, 125kbps, 500kbps	■ 1TX, □ 2TX	□ Yes, ■ No
(2 404 ~ 2 478) MHz	BLE 2Mbps	■ 1TX, □ 2TX	□ Yes, ■ No

2.2.5 Additional Information Related to Testing

Product Name	Module Name	IC ID	Remark
Bluetooth Module	MB2710S	2703H-MB2710S	BDR/EDR/BLE

The RF modules approved in the table above are installed in the host devices below.

- Host Identification

Device type	Host Model Name	Manufacturer	Rrmark
Portable Bluetooth Speaker	ROCK	Anam Electronics Co., Ltd	SAR test required.

SAR testing was performed with a device-to-phantom separation distance of 0 mm according to KDB 447498 requirements.

2.3 Support Equipment

EUT	LG Electronics Inc. Model : MB2710S	S/N: N/A
Laptop Computer	SAMSUNG Model : NT901X5T	S/N : 0WBE91IKC00033W
AC/DC Adapter	SAMSUNG Model : W16-065N4D 0.75 m unshielded power cable	P/N : AD-6519AKR

2.4 Maximum Target Power among production units

Tune up tolerance is specified in operational description.

SAR values were scaled to the maximum tune-up power to determine compliance per KDB Publication 447498 D01 General RF Exposure Guidance v06.

Mode	Nominal Power (dB m)	Maximum Power (dB m)
GFSK	11	12.5
$\pi/4$ DQPSK	9.0	10.5
8DPSK	9.0	10.5
BLE 1Mbps	6.0	7.5
BLE 125kbps	6.0	7.5
BLE 500kbps	6.0	7.5
BLE 2Mbps	6.0	7.5

2.5 SAR Test Consideration

Per RSS-102 Issue 6, SAR exemption limit for separation distance and frequency is specified the following Table.

Frequency (MHz)	≤ 5 mm (mW)	10 mm (mW)	15 mm (mW)	20 mm (mW)	25 mm (mW)	30 mm (mW)	35 mm (mW)	40 mm (mW)	45 mm (mW)	> 50 mm (mW)
≤ 300	45	116	139	163	189	216	246	280	319	362
450	32	71	87	104	124	147	175	208	248	296
835	21	32	41	54	72	96	129	172	228	298
1900	6	10	18	33	57	92	138	194	257	323
2450	3	7	16	32	56	89	128	170	209	245
3500	2	6	15	29	50	72	94	114	134	158
5800	1	5	13	23	32	41	54	74	102	128

SAR testing is required in all modes. Refer to the following table.

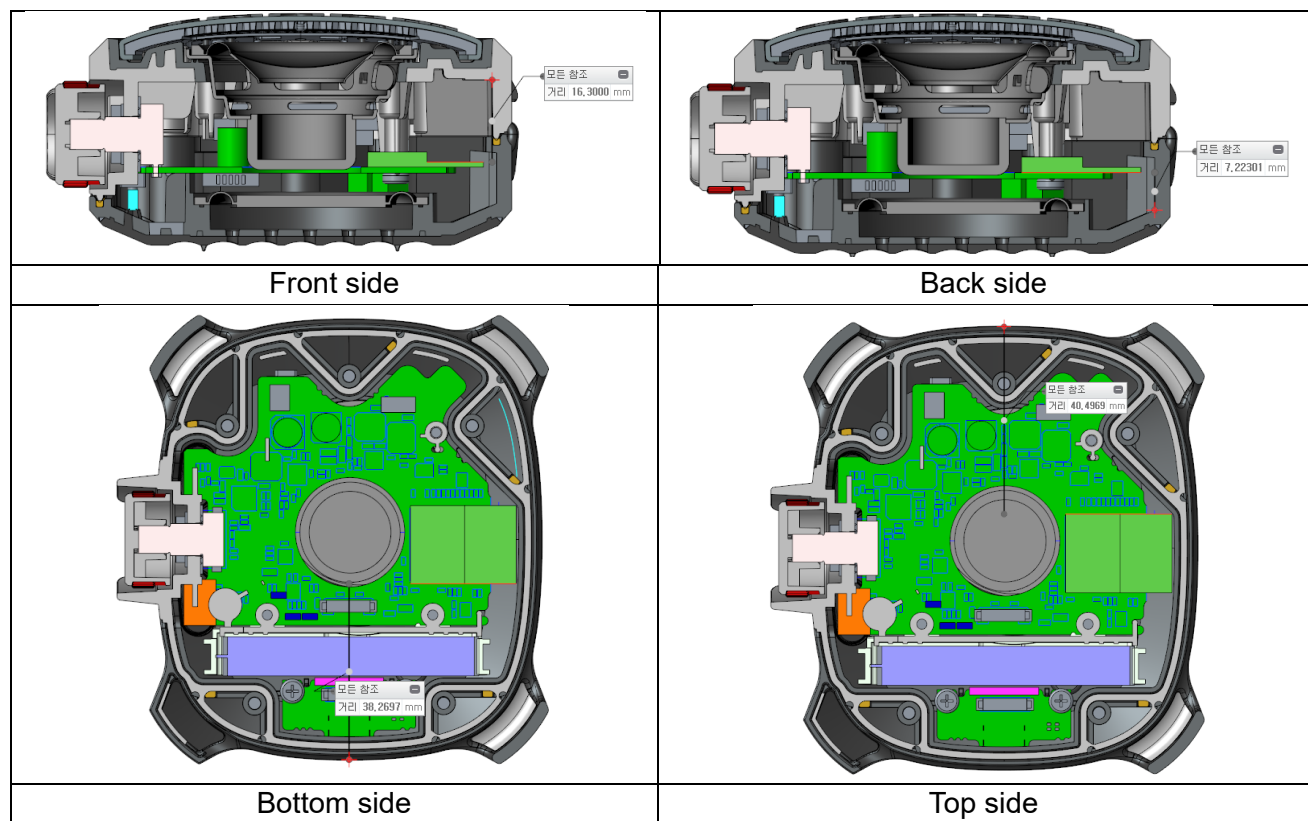
$P_{th}(mW)$ is SAR-based exemption threshold for distance (≤ 5 mm)

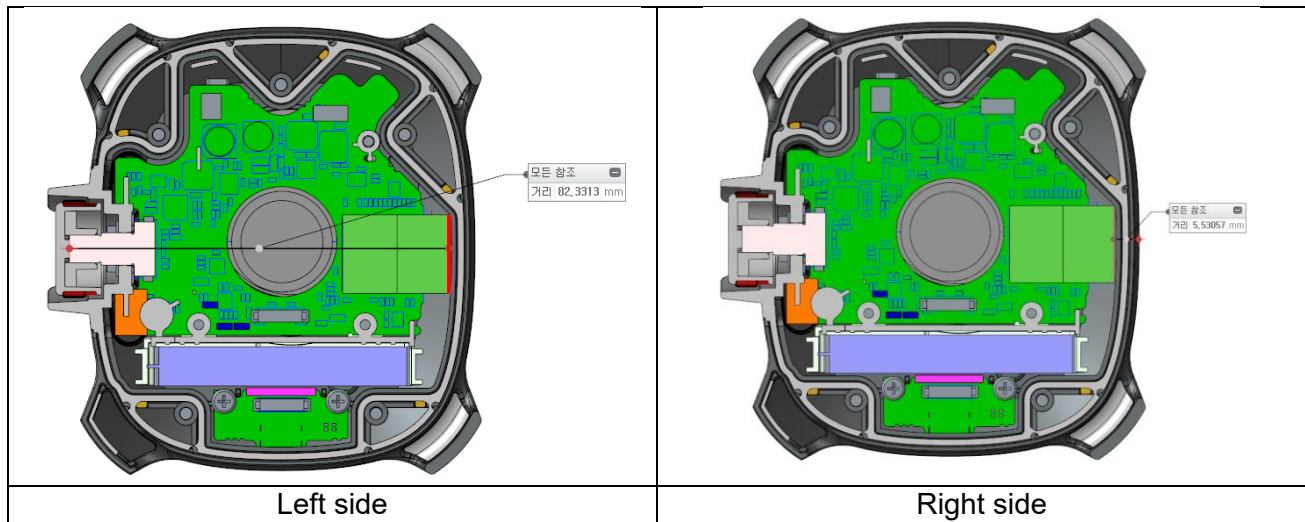
Mode	Max. Average Output Power(dB m)	Max. Average Output Power(mW)	$P_{th}(mW)$	Required to SAR test
GFSK @ 2 402 MHz	10.91	12.33	3.262	Yes
$\pi/4$ DQPSK @ 2 402 MHz	8.33	6.81	3.262	Yes
8DPSK @ 2 402 MHz	8.42	6.96	3.262	Yes
BLE 1Mbps @ 2 402 MHz	5.43	3.49	3.262	Yes
BLE 125kbps @ 2 402 MHz	5.38	3.45	3.262	Yes
BLE 500kbps @ 2 402 MHz	5.40	3.47	3.262	Yes
BLE 2Mbps @ 2 404 MHz	5.15	3.27	3.262	Yes

2.6 SAR testing EUT configuration

Device Type	Band/Mode	Device edge for SAR Testing					
		Front	Back	Left edge	Right edge	Top	Bottom
Bluetooth Speaker	BT- GFSK	Yes	Yes	N/A	Yes	N/A	N/A
	BT - $\pi/4$ DQPSK, 8DPSK BLE - 1Mbps, 125Kbps, 500Kbps, 2Mbps	N/A	Yes	N/A	Yes	N/A	N/A

2.7 Antenna Location



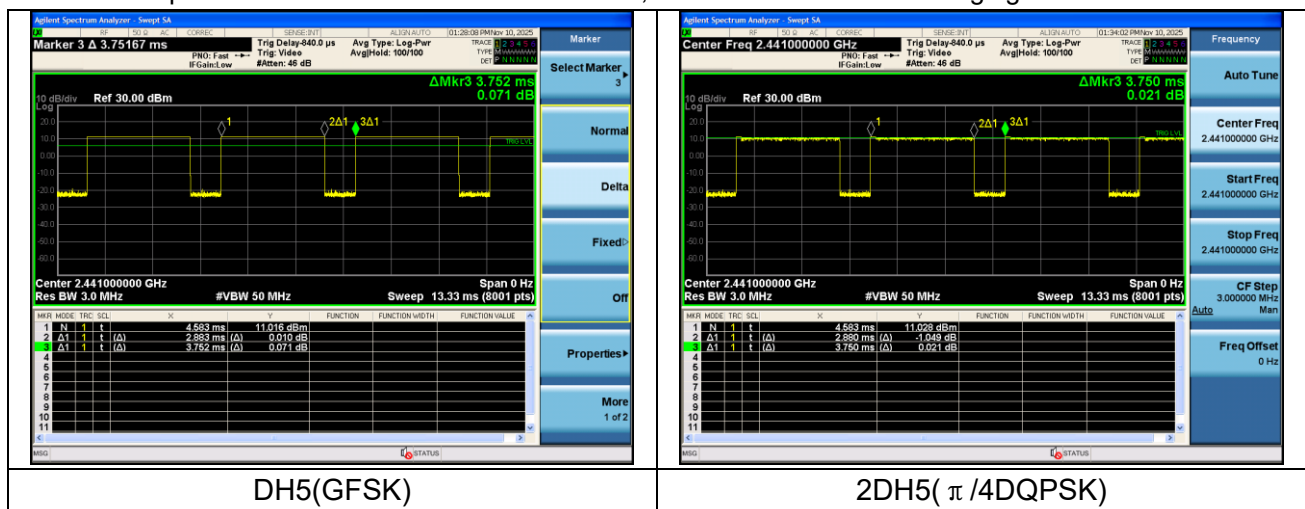


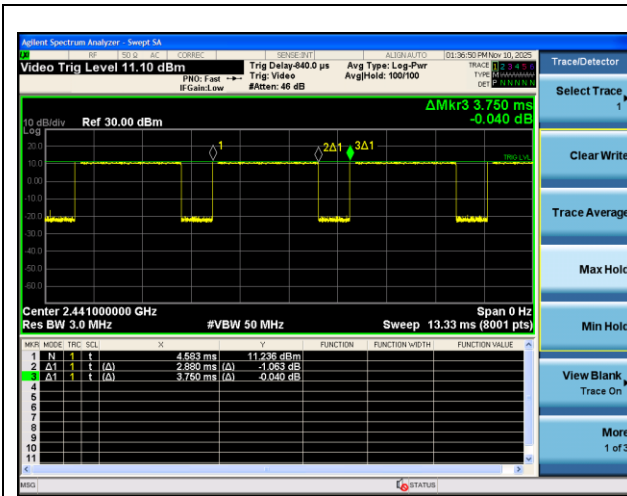
2.8 Bluetooth Duty Cycle plot

Per October 2016 TCB Workshop Notes, When call box and Bluetooth protocol are used, time-domain plots are required to identify duty factor supporting the test setup and results.

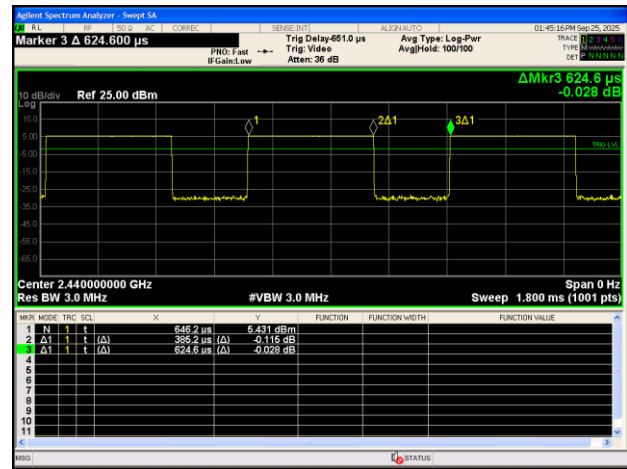
Mode	Packet	On time (ms)	On-Off time (ms)	Duty cycle (%)
GFSK	DH5	2.883	3.752	76.84
$\pi/4$ DQPSK	2DH5	2.880	3.750	76.80
8DPSK	3DH5	2.880	3.750	76.80
LE 1M	1Mbps	0.385	0.625	61.67
Coded S=8	125Kbps	3.107	3.757	82.70
Coded S=2	500Kbps	1.068	1.878	56.87
LE 2M	2Mbps	1.080	1.880	57.45

Time-domain plot for Bluetooth Antenna Transmission, Please refer to the following figure.

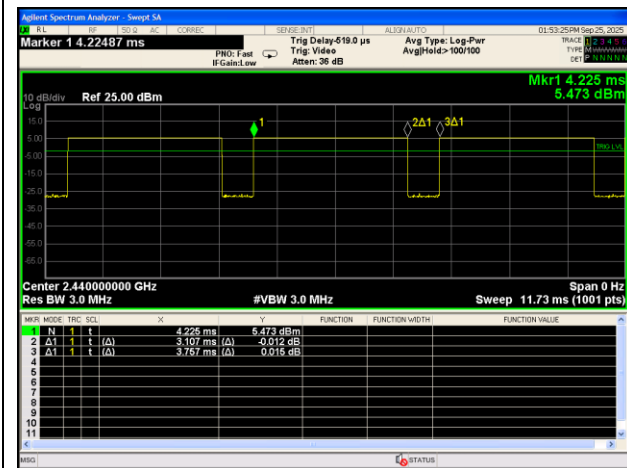




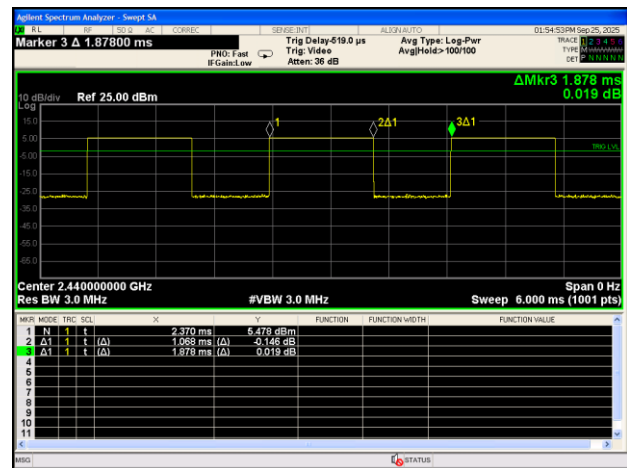
3DH5(8DPSK)



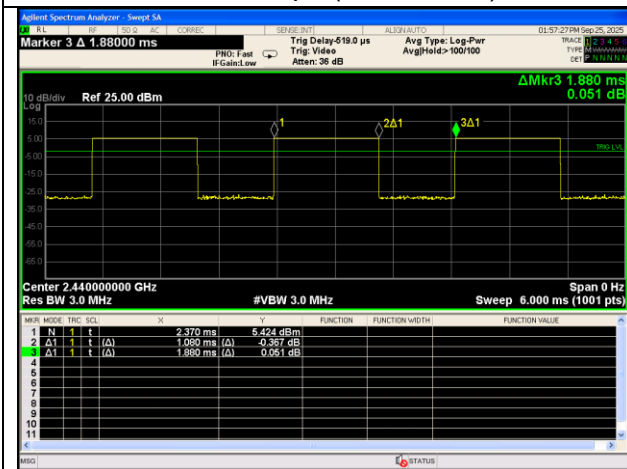
BLE 1Mbps



BLE 125kbps (Coded S=8)



BLE 500kbps (Coded S=2)



BLE 2Mbps

3. TEST METHODOLOGY

1. IEC/IEEE 62209-1528
2. RSS-102 Issue 6
3. RSS-102.SAR.MEAS
4. FCC KDB Publication 447498 D01 General RF Exposure Guidance v06
5. SPEAG DASY8 System Handbook

4.2.2 SAR Probe

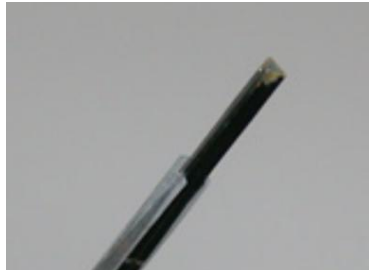
The SAR measurement were conducted with dosimetric probe designed in the classical triangular configuration and optimized for dosimetric evaluation. The probe is constructed using the thick film technique; with printed resistive lines on ceramic substrates.

The probe is equipped with ant optical multi-fiber line ending at the front of the probe tip. It is connected to the EOC box on the robot arm and provides an automatic detection of the phantom surface.

Half of the fibers are connected to a pulsed infrared transmitter, the other half to a synchronized receiver. As the probe approaches the surface, the reflection from the surface produces a coupling from the transmitting to the receiving fibers. This reflection increases first during the approach, reaches a System maximum and then decreases. If the probe is flatly touching the surface, the coupling is zero.

The distance of the coupling maximum to the surface is independent of the surface reflectivity and largely independent of the surface to probe angle. The DASY8 software reads the reflection during a software approach and looks for the maximum using a 2nd order fitting.

The approach is stopped at reaching the maximum.

Model	EX3DV4 (Refer to Appendix)	
Frequency	4 MHz to 10 GHz	
Dynamic Range	10 μ W/g $\rightarrow$ 100 mW/g	
Linearity	< $\pm$ 0.2 dB	
Hemispherical Isotropy	< 0.5 dB	
Position Precision	< 0.2 mm	
Dimensions	Overall length : 337 mm (tip : 20 mm) Tip diameter : 2.5 mm (body : 12 mm) Typical distance from probe tip to dipole centers : 1 mm	

4.2.3 SAM Phantom

The shells have a very tight tolerance of less than 0.2 mm, and they are fully compliant with the SAR standards and national regulations in the frequency range of 4 MHz ~ 10 GHz. Full computer-aided design (CAD) information have been predefined in the DASY8 software, enabling fast and easy usage.

In DASY8, phantoms are placed in a platform slot. The position of the slot relative to the robot is taught using the three reference points (P1, P2, P3) located on top of the phantom table.



Figure 5.2.3 SAM Twin Phantom

4.2.4 ELI Phantom

The ELI phantom is optimized for compliance testing of large handheld and body-mounted wireless devices (tablets, laptops) or for evaluating transmitters operating at low frequencies.

The size of the phantom, including top plate is 1.0 x 0.5 m (1 full DASY8 platform slot). The filling volume is approximately 25 L.

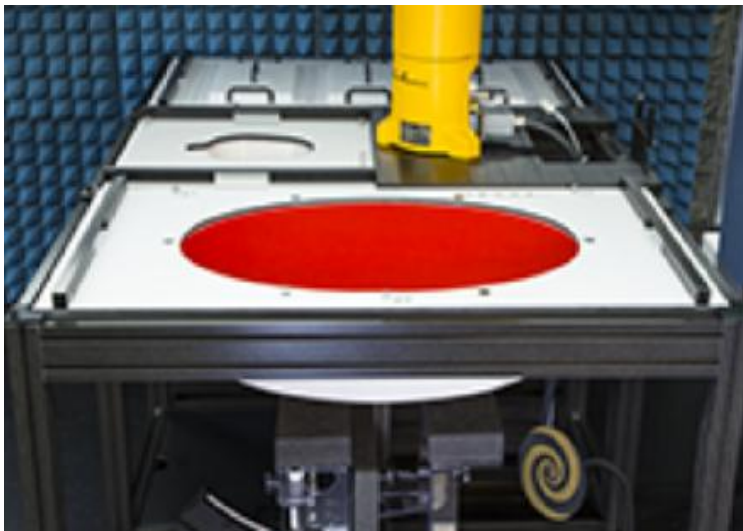
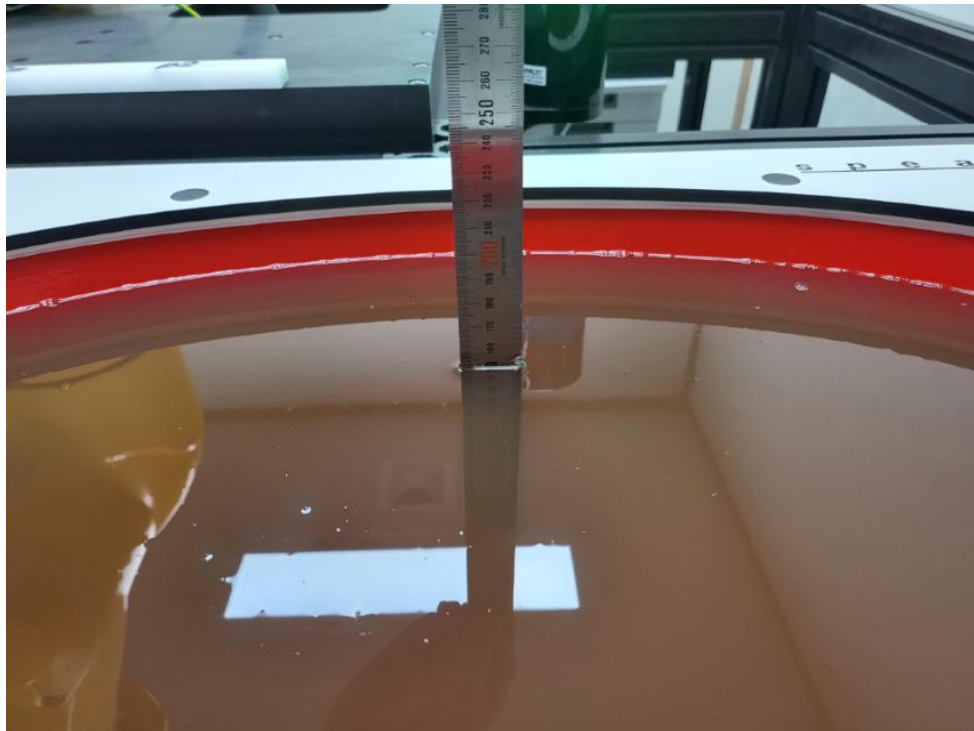


Figure 5.2.4 ELI Phantom

4.3 Simulating Mixture Characterization

TSL System	Manufacturer / Model	Freq Range (MHz)	Main Ingredients
Head Wide Band	SPEAG HBBL 600-10000	600 - 10000	Ethanediol, Sodium petroleum sulfonate / 2-Methyl-pentane-2,4-diol, Alkoxylated alcohol



600 MHz ~ 10 GHz Head Broad band Tissue Simulating Liquid, Depth: 150 mm

4.4 Device Holder for Transmitters

Accurate device positioning is therefore crucial for accurate and repeatable measurements. The positions at which the devices must be measured are defined by the standards. The DASY8 device holder along with the associated adaptors / options is designed to accommodate different types and sizes of test devices and yet provide accurate and repeatable positioning as described in the test standards.



Figure 5.5 Mounting Device for Hand-held Devices and Laptop / Body-Worn Devices

5. Limits For Specific Absorption Rate (SAR)

HUMAN EXPOSURE	SAR (W/kg)	
	General Population / Uncontrolled Exposure Environment	Occupational / Controlled Exposure Environment
Spatial Peak SAR (Brain)	1.6	8.0
Spatial Average SAR (Whole Body)	0.08	0.4
Spatial Peak SAR (Hands, Wrists, Feet and Ankles)	4.0	20.0

1. This limits accord to SAR Human Exposure Specified in ANSI/IEEE C95.1-1992 and Health Canada Safety Code 6.
2. The Spatial Peak value of the SAR averaged over any 1g of tissue and over the appropriate averaging time.
3. The Spatial average value of the SAR averaged over the whole body.
4. The Spatial Peak value of the SAR averaged over any 10g of tissue and over appropriate averaging time.

6. Measurement Uncertainty & Decision Rule

6.1 Measurement Uncertainty

Per KDB 865664 D01 SAR measurement 100MHz to 6GHz clause 2.8.2, SAR measurement uncertainty analysis is required in SAR report only when the highest measured SAR in a frequency band is ≥ 1.5 W/kg for 1-g SAR and ≥ 3.75 W/kg for 10-g SAR. The expanded SAR measurement uncertainty must be ≤ 30 %, for confidence interval of $k = 2$.

For this device, the highest measured 1-g SAR is less 1.5 W/kg and 10-g SAR is less 3.75 W/kg. Therefore, the measurement uncertainty table is not required in this report.

6.2 Decision Rule

The choice of whether or not to include the measurement uncertainty of the measuring system used in the test in the conformance determination.:

- ☐ Application of internal procedures used in type testing where traceability of measurement uncertainty is established.
- ☒ Applying the decision that the standard used for type testing does not require it.

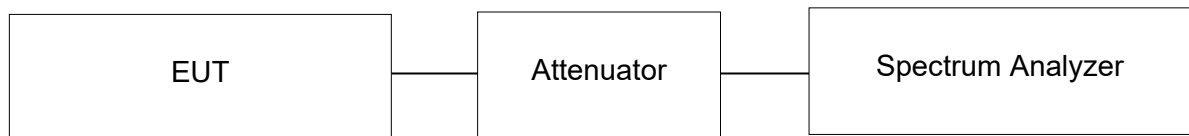
7. Test Equipments

No.	Instrument	Manufacturer	Model	Serial No.	Calibration Data	Calibration Due date
1	Shield Room	SY Corporation	NKRFS2	20220619	N/A	N/A
2	DASY8 System Robot	Stäubli	TX2-90XL	F/22/003654 2/A/001	N/A	N/A
3	DASY8 Robot Controller	Stäubli	CS9spe- TX2-90	F/22/003654 2/c/001	N/A	N/A
4	VECTOR REFLECTOMETER	Speag	R140	21460035	2025-07-15	2026-07-15
5	Data Acquisition Electronics	Speag	DAE4	672	2025-08-13	2026-08-13
6	Electric and Magnetic Field Probe	Speag	EX3DV4	7731	2025-04-22	2026-04-22
7	Oval Flat phantom ELI v8.0	Speag	QD OVA 004 A	2170	N/A	N/A
8	Dipole Antenna	Speag	D2450V2	774	2024-04-22	2026-04-22
9	Low Pass Filter	Mini-Circuit	VLF-3000+	3 2226	2025-10-01	2026-10-01
10	DUAL DIRECTIONAL COUPLER	KEYSIGHT	772D	MY52180366	2025-03-28	2026-03-28
11	Dielectric Probe Kit	Speag	DAKS-3.5	1152	2025-06-02	2026-06-02
12	Dielectric Probe Stand	Speag	DAK Probe Stand	SM DAK 300 AB	N/A	N/A
13	RF Power Amplifier	EXODUS ADVANCED COMMUNICATIONS	AMP2027ADB	10004	2025-10-02	2026-10-02
14	RF Power Meter	H.P	437B	2912U01687	2025-10-01	2026-10-01
15	Power Sensor	H.P	8481A	MY41098315	2025-10-01	2026-10-01
16	Power Sensor	R&S	NRP-Z85	102407	2025-03-28	2026-03-28
17	Power Sensor	R&S	NRP-Z85	102408	2025-03-28	2026-03-28
18	Device holer	Speag	MD4HHTV5	SD 000 H01 KA	N/A	N/A
19	Spectrum Analyzer	Agilent	E4440A	MY44303257	2025-10-01	2026-10-01
20	Vector Signal Generator	R&S	SMW200A	105755	2025-04-18	2026-04-18
21	Digital liquid thermometer	LKM electronic	DTM3000	3932	2025-10-15	2026-10-15
22	10 dB Attenuator(50 W)	WEINSCHEL	47-10-43	BD0044	2025-10-01	2026-10-01
23	10 dB Attenuator	Fairview Microwave	SA26B-10	1643	2025-07-02	2026-07-02
24	3 dB Attenuator	Mini-Circuit	BW- S3W20+	2224	2025-10-01	2026-10-01
25	WIDEBAND RADIO COMMUNICATION TESTER	R&S	CMW500	116584	2025-07-02	2026-07-02
26	Power Divider	H.P	11636B	50533	2025-10-02	2026-10-02
27	DIGITAL MULTIMETER	EZ DIGITAL	DM-334	2111395	2025-10-02	2026-10-02
28	Thermohygrometer	SAMWON ENG	TH01C	1113	2025-01-13	2026-01-13

8. Output Power Measurement

8.1 Measurement procedures for Output Power

EUTs average output power was measured at low, middle, high channels with a spectrum analyzer connected to the antenna terminal while the EUTs operating at its maximum power control level.



Power measurement Test Setup

8.2 Conducted RF Output Power

Mode / data rate		Measured Frequency (MHz)	Measured Output Power (dB m)	
			Measured Output Power (dB m)	Measured Output Power (mW)
BDR(GFSK) / DH5		2 402	10.91	12.33
		2 441	10.78	11.96
		2 480	10.62	11.54
EDR(π /4DQPSK) / 2DH5		2 402	8.33	6.81
		2 441	8.20	6.61
		2 480	8.08	6.43
EDR(8DPSK) / 3DH5		2 402	8.42	6.96
		2 441	8.28	6.73
		2 480	8.17	6.56
BLE	1Mbps	2 402	5.43	3.49
		2 440	5.32	3.40
		2 480	5.26	3.36
	125kbps	2 402	5.38	3.45
		2 440	5.30	3.39
		2 480	5.24	3.34
	500kbps	2 402	5.40	3.47
		2 440	5.32	3.41
		2 480	5.26	3.36
	2Mbps	2 404	5.15	3.27
		2 440	5.05	3.20
		2 478	4.98	3.15

9. System Verification

9.1 Tissue verification results

For the measurement of the following parameters the DAKS-3.5 was used, representing the open-ended slim form probe measurement procedure. The measured values should be within $\pm 5\%$ of the recommended values given by IEEE 1528-2013.

Table 10.1 Measured Tissue Parameters

Date	Liquid Type	Liquid Temp. (°C)	Frequency (MHz)	Measured relative Permittivity (ε)	Measured Conductivity (S/m)	Target relative Permittivity (ε)	Target Conductivity (S/m)	Permittivity Error (%)	Conductivity Error (%)
Oct 29.2025	2.4 G /Head	19.0	2 402	38.899	1.730	39.285	1.757	-0.983	-1.528
			2 440	38.822	1.763	39.218	1.791	-1.009	-1.566
			2 441	38.819	1.764	39.216	1.792	-1.011	-1.567
			2 450	38.793	1.771	39.200	1.800	-1.038	-1.601
			2 480	38.725	1.798	39.162	1.833	-1.115	-1.879

Date	Liquid Type	Liquid Temp. (°C)	Frequency (MHz)	Measured relative Permittivity (ε)	Measured Conductivity (S/m)	Target relative Permittivity (ε)	Target Conductivity (S/m)	Permittivity Error (%)	Conductivity Error (%)
Nov 04.2025	2.4 G /Head	20.4	2 402	39.379	1.692	39.285	1.757	0.239	-3.701
			2 440	39.338	1.725	39.218	1.791	0.305	-3.699
			2 441	39.336	1.726	39.216	1.792	0.307	-3.700
			2 450	39.324	1.733	39.200	1.800	0.316	-3.706
			2 480	39.286	1.763	39.162	1.833	0.317	-3.808

Date	Liquid Type	Liquid Temp. (°C)	Frequency (MHz)	Measured relative Permittivity (ε)	Measured Conductivity (S/m)	Target relative Permittivity (ε)	Target Conductivity (S/m)	Permittivity Error (%)	Conductivity Error (%)
Nov 05.2025	2.4 G /Head	20.8	2 404	40.728	1.706	39.282	1.759	3.682	-3.007
			2 440	40.676	1.736	39.218	1.791	3.718	-3.101
			2 450	40.658	1.743	39.200	1.800	3.718	-3.161
			2 478	40.610	1.768	39.164	1.831	3.692	-3.437

9.3 System Verification Results

A complete 1 g and/or 10 g averaged SAR measurement is performed using a standard source. The input power of the standard source is adjusted to produce a 1 g and/or 10 g averaged SAR value falling in the range of 0.4 W/kg to 10 W/kg. The 1 g and/or 10g averaged SAR is measured at frequencies in Table 10.2 within the range to be used in compliance tests. The results are normalized to 1 W forward input power and compared with the reference SAR value.

Table 10.2 System Verification Results

Date	Liquid Temperature (°C)	Measured Frequency (MHz)	Targeted 1 g SAR (W/kg)	Measured 1 g SAR (W/kg)	Normalized 1 g SAR (W/kg)	Deviation (%)	Verification Kit	Plot No.
Oct 29.2025	19.0	2 450	52.40	5.05	50.50	-3.63	D2450V2 SN: 774	#V01
Nov 04.2025	20.4	2 450	52.40	5.27	52.70	0.57	D2450V2 SN: 774	#V02
Nov 05.2025	20.8	2 450	52.40	5.02	50.20	-4.20	D2450V2 SN: 774	#V03

10. SAR Measurement Results

1. Per KDB 447498 D01v06, the reported SAR is the measured SAR value adjusted for maximum tune-up tolerance.

Scaling Factor = Maximum Tune-up limit power(mW) / EUT RF Power(mW),

Where tune-up limit is the maximum rated power among all production units.

Reported SAR(W/kg) = Scaling Factor * Measured SAR (W/kg)

2. Tune-up Limit power is refer to clause 2.4.

- 2.4GHz DSSs

Measured Frequency		Mode	Test distance	Average Power (mW)	Maximum Tune-Up Limit pwr (mW)	Scaling Factor	Duty Factor	EUT Configuration	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Power Drift (dB)	Plot No.
MHz	CH											
2402	0	GFSK (DH5)	0 mm	12.33	17.78	1.442	1.301	Front	0.017	0.032	-0.120	
								Back	0.061	0.114	-0.180	#S02
								Right	0.030	0.056	-0.140	
2441	39			11.96		1.486		Back	0.057	0.110	-0.110	
2480	78			11.54		1.541		Back	0.050	0.100	-0.160	

Measured Frequency		Mode	Test distance	Average Power (mW)	Maximum Tune-Up Limit pwr (mW)	Scaling Factor	Duty Factor	EUT Configuration	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Power Drift (dB)	Plot No.
MHz	CH											
2402	0	π/4DQPSK (2DH5)	0 mm	6.81	11.22	1.647	1.302	Back	0.043	0.092	-0.090	
								Right	0.035	0.075	-0.050	
2441	39			6.61		1.697		Back	0.044	0.097	-0.050	#S08
2480	78			6.43		1.744		Back	0.035	0.079	-0.140	

Measured Frequency		Mode	Test distance	Average Power (mW)	Maximum Tune-Up Limit pwr (mW)	Scaling Factor	Duty Factor	EUT Configuration	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Power Drift (dB)	Plot No.
MHz	CH											
2402	0	8DFSK (3DH5)	0 mm	6.96	11.22	1.613	1.302	Back	0.044	0.092	-0.120	#S10
								Right	0.027	0.057	-0.200	
2441	39			6.73		1.666		Back	0.041	0.089	-0.170	
2480	78			6.56		1.710		Back	0.035	0.078	-0.060	

- 2.4GHz DTSS

Measured Frequency		Mode	Test distance	Average Power (mW)	Maximum Tune-Up Limit pwr (mW)	Scaling Factor	Duty Factor	EUT Configuration	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Power Drift (dB)	Plot No.
MHz	CH											
2 402	0	BLE 1Mbps	0 mm	3.49	5.62	1.613	1.621	Back	0.016	0.042	-0.130	#S14
								Right	0.008	0.021	-0.120	
2 440	19			3.40		1.653		Back	0.013	0.035	-0.170	
2 480	39			3.36		1.676		Back	0.010	0.027	-0.190	

Measured Frequency		Mode	Test distance	Average Power (mW)	Maximum Tune-Up Limit pwr (mW)	Scaling Factor	Duty Factor	EUT Configuration	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Power Drift (dB)	Plot No.
MHz	CH											
2 402	0	BLE 125kbps	0 mm	3.45	5.62	1.631	1.209	Back	0.025	0.049	0.130	#S18
2 402	0	BLE 500kbps	0 mm	3.47	5.62	1.622	1.758	Back	0.016	0.046	0.130	#S19

Measured Frequency		Mode	Test distance	Average Power (mW)	Maximum Tune-Up Limit pwr (mW)	Scaling Factor	Duty Factor	EUT Configuration	Measured SAR 1g (W/kg)	Reported SAR 1g (W/kg)	Power Drift (dB)	Plot No.
MHz	CH											
2 404	1	BLE 2Mbps	0 mm	3.23	5.62	1.234	1.741	Back	0.011	0.033	-0.070	#S20
								Right	0.008	0.024	-0.150	
2 440	19			3.15		1.265		Back	0.010	0.031	0.180	
2 478	38			3.12		1.277		Back	0.008	0.025	-0.120	

SAR Test Note :

1. The test data reported are the worst-case SAR values according to test procedures specified in IEC/IEEE 62209-1528 and KDB Publication 447498 D01 for ISSED.
2. Batteries are fully charged at the beginning of the SAR measurement.
3. The manufacturer has confirmed that the device tested have the same physical, mechanical and thermal characteristics and are within operational tolerances expected for production units.
4. SAR results were scaled to the maximum allowed power to demonstrate compliance per FCC KDB publication 447498 D01. (In the case of Bluetooth BLE mode, the maximum output power mode is selected first, and within that mode, the maximum duty cycle conditions were applied and SAR tested to back, right edge side and low, middle, and high frequencies. For reference, BLE 125 kbps and BLE 500 kbps were measured at the maximum value position & frequency of BLE 1 Mbps. In case of BLE 2Mbps, the frequency range is different, so the SAR test is applied.)
5. FCC has permitted the use of single head-tissue simulating liquid specified February 19, 2019 TCB workshop.

11. Conclusion

The SAR evaluation indicates that the EUT complies with the RF radiation exposure limits of the Industry 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. The results and statements relate only to the item(s) tested.

APPENDIX A. PLOTS OF SAR RESULTS

Measurement PLOT #S01

Measurement Report for rock, FRONT, ISM 2.4 GHz Band, UID 10032 CAA, Channel 0 (2402.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2402.000, 0	8.21	1.73	38.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI VS.0 (20deg probe tilt) - 2170	HB8L-600-10000 Charge:xxxx, 2025-Oct-30	EX3DV4 - SN7731, 2025-04-22	DAE4 Sn1726, 2025-04-17

Scan Setup

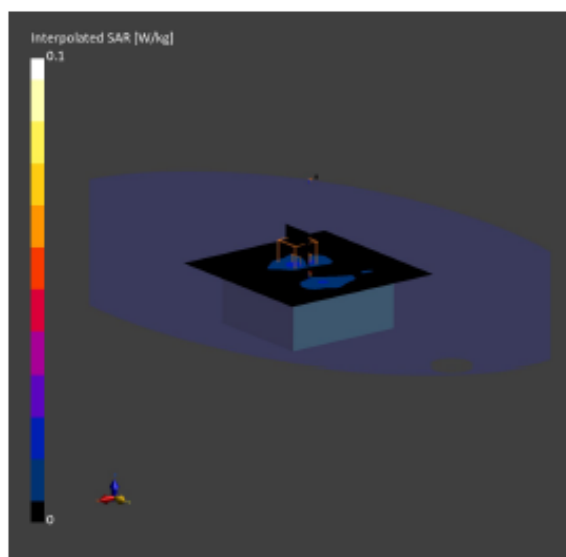
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.0 x 3.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-10-30, 09:17	2025-10-30, 09:28
psSAR1g [W/kg]	0.016	0.017
psSAR10g [W/kg]	0.009	0.009
Power Drift [dB]	-0.20	-0.12
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.7
Dist 3dB Peak [mm]		12.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S02

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10032 CAA, Channel 0 (2402.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2402.000, 0	8.21	1.73	38.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2025-Oct-30	EX3DV4 - SN7731, 2025-04-22	DAE4 Sn1726, 2025-04-17

Scan Setup

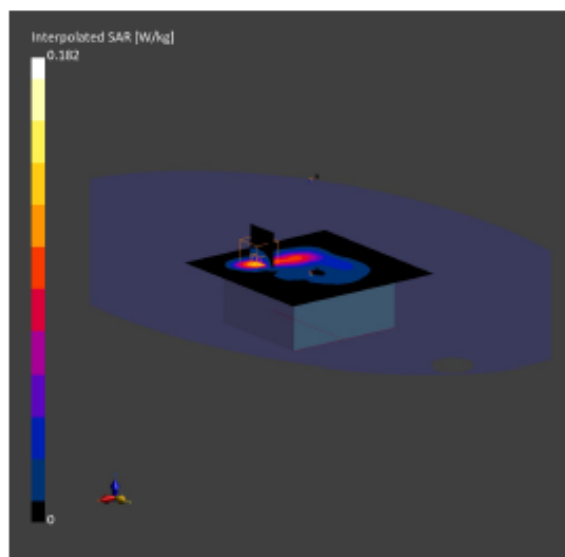
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.3 x 4.3 x 1.3
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.3
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-10-30, 10:05	2025-10-30, 10:19
psSAR1g [W/kg]	0.059	0.061
psSAR10g [W/kg]	0.028	0.028
Power Drift [dB]	-0.19	-0.18
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		65.3
Dist 3dB Peak [mm]		5.1

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S03

Measurement Report for rock, EDGE TOP, ISM 2.4 GHz Band, UID 10032 CAA, Channel 0 (2402.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE TOP, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2402.000, 0	8.21	1.73	38.9

Hardware Setup

Phantom	TSL Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2025-Oct-30	EK3DV4 - SN7731, 2025-04-22	DAE4 Sn1726, 2025-04-17

Scan Setup

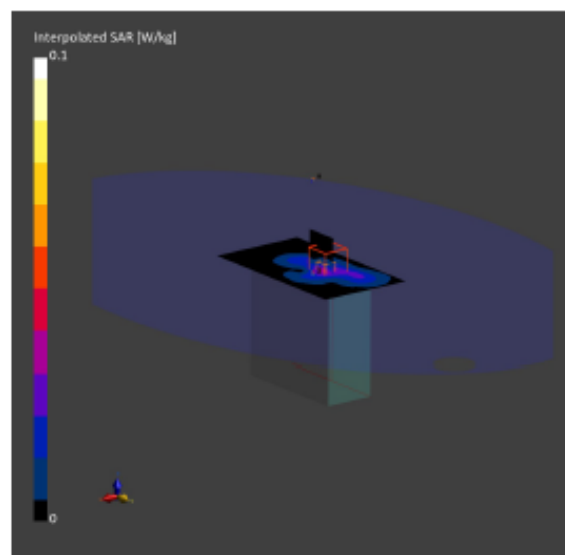
	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-10-30, 13:33	2025-10-30, 13:49
psSAR1g [W/kg]	0.030	0.030
psSAR10g [W/kg]	0.016	0.015
Power Drift [dB]	0.14	-0.14
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		79.1
Dist 3dB Peak [mm]		8.6

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S04

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10032 CAA, Channel 39 (2441.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2441.000, 39	8.21	1.76	38.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:XXXX, 2025-Oct-30	EX3DV4 - SN7731, 2023-04-22	DAE4 Sn1726, 2023-04-17

Scan Setup

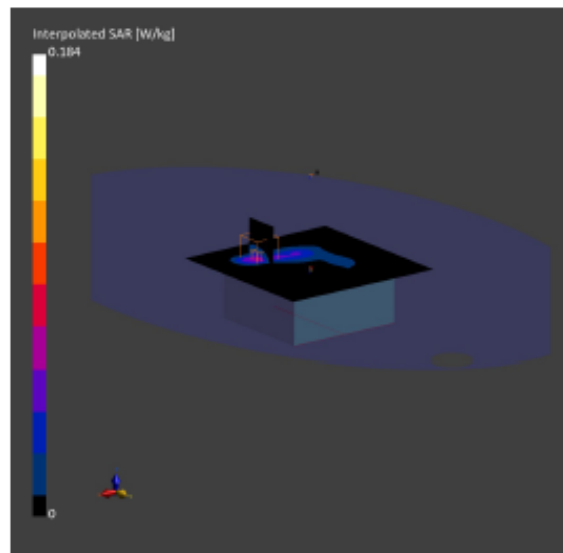
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.9 x 3.9 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-10-30, 10:27	2025-10-30, 10:46
psSAR1g [W/kg]	0.036	0.037
psSAR10g [W/kg]	0.027	0.025
Power Drift [dB]	0.20	-0.11
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.6
Dist 3dB Peak [mm]		4.6

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S05

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10032 CAA, Channel 78 (2480.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10032-CAA	2480.000, 78	8.21	1.80	38.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI VS.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2023-Oct-30	EX3DV4 - SN7731, 2023-04-22	DAE4 Sn1726, 2023-04-17

Scan Setup

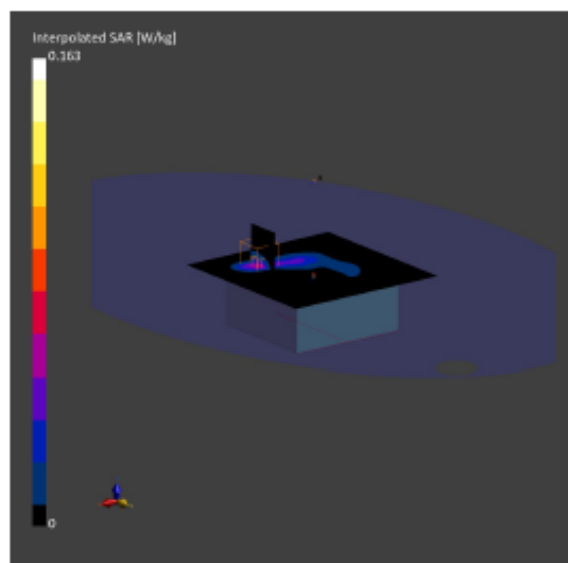
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-10-30, 10:34	2025-10-30, 11:12
psSAR1g [W/kg]	0.048	0.050
psSAR10g [W/kg]	0.023	0.022
Power Drift [dB]	0.01	-0.16
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.9
Dist 3dB Peak [mm]		4.9

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S06

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10035 CAA, Channel 0 (2402.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10035-CAA	2402.000, 0	8.21	1.69	39.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2025-Nov-04	EX3DV4 - SN7731, 2025-04-22	DAE4 Sn1726, 2025-04-17

Scan Setup

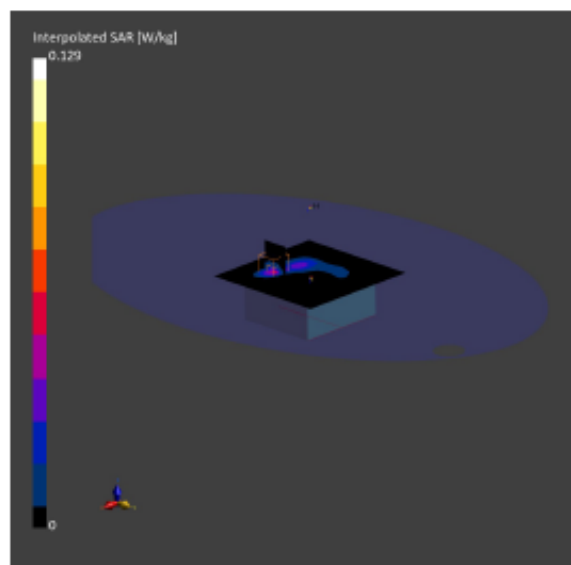
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-11-04, 11:47	2025-11-04, 12:05
psSAR1g [W/kg]	0.041	0.043
psSAR10g [W/kg]	0.018	0.018
Power Drift [dB]	-0.18	-0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		69.5
Dist 3dB Peak [mm]		4.9

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S07

Measurement Report for rock, EDGE TOP, ISM 2.4 GHz Band, UID 10035 CAA, Channel 0 (2402.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE TOP, 0.00	ISM 2.4 GHz Band	Bluetooth, 10035-CAA	2402.000, 0	8.21	1.69	39.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2025-Nov-04	EX3DV4 - SN7731, 2025-04-22	DAE4 Sn1726, 2025-04-17

Scan Setup

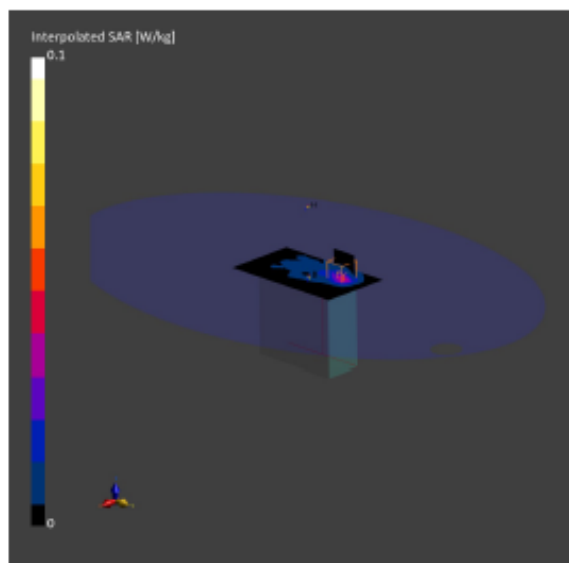
	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.0 x 3.0 x 1.3
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.3
MAIA	Y	Y
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-11-04, 11:19	2025-11-04, 11:36
psSAR1g [W/kg]	0.034	0.035
psSAR10g [W/kg]	0.017	0.017
Power Drift [dB]	-0.14	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		81.6
Dist 3dB Peak [mm]		10.0

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S08

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10035 CAA, Channel 39 (2441.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10035-CAA	2441.000, 39	8.21	1.73	39.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2023-Nov-04	EX3DV4 - SN7731, 2023-04-22	DAE4 Sn1726, 2023-04-17

Scan Setup

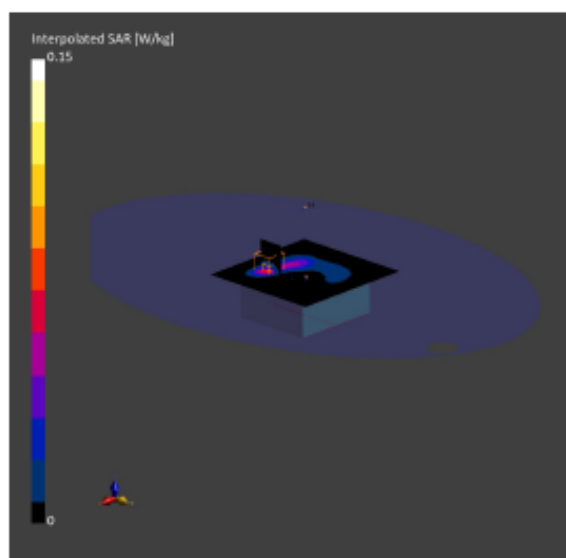
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-11-04, 12:15	2023-11-04, 12:34
psSAR1g [W/kg]	0.044	0.044
psSAR10g [W/kg]	0.020	0.018
Power Drift [dB]	0.17	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.6
Dist 3dB Peak [mm]		4.9

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S09

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10035 CAA, Channel 78 (2480.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10035-CAA	2480.000, 78	8.21	1.76	39.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2023-Nov-04	EX3DV4 - SN7731, 2023-04-22	DAE4 Sn1726, 2023-04-17

Scan Setup

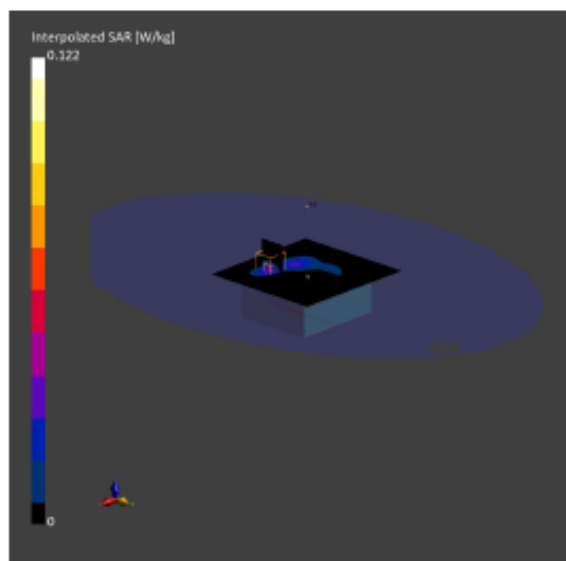
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-11-04, 12:45	2023-11-04, 13:03
psSAR1g [W/kg]	0.034	0.035
psSAR10g [W/kg]	0.015	0.015
Power Drift [dB]	-0.20	-0.14
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.0
Dist 3dB Peak [mm]		4.5

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S10

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10038 CAA, Channel 0 (2402.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10038-CAA	2402.000, 0	8.21	1.69	39.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2025-Nov-04	EX3DV4 - SN7731, 2025-04-22	DAE4 Sn1726, 2025-04-17

Scan Setup

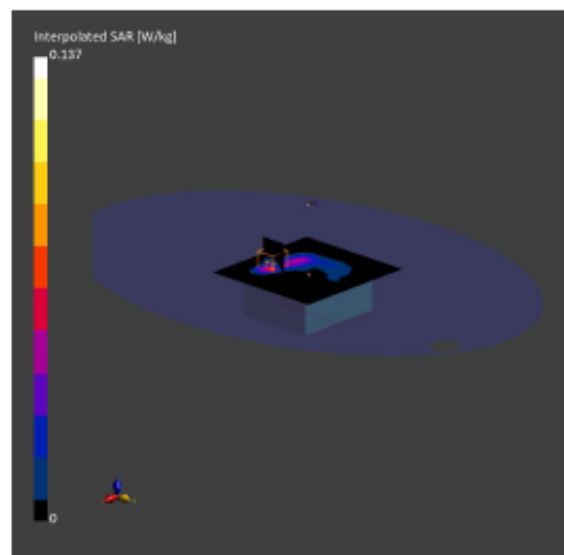
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-11-04, 13:21	2025-11-04, 13:39
psSAR1g [W/kg]	0.044	0.044
psSAR10g [W/kg]	0.020	0.019
Power Drift [dB]	0.08	-0.12
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		68.0
Dist 3dB Peak [mm]		4.9

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S11

Measurement Report for rock, EDGE TOP, ISM 2.4 GHz Band, UID 10038 CAA, Channel 0 (2402.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE TOP, 0.00	ISM 2.4 GHz Band	Bluetooth, 10038-CAA	2402.000, 0	8.21	1.69	39.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2025-Nov-04	EX3DV4 - SN7731, 2025-04-22	DAE4 Sn1726, 2025-04-17

Scan Setup

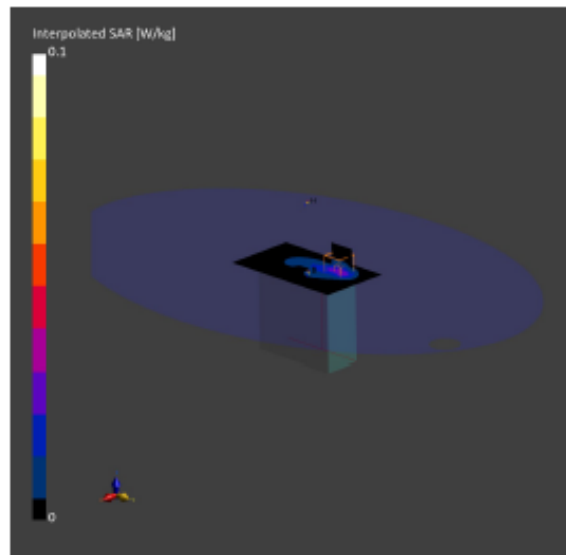
	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.0 x 3.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-11-04, 15:14	2025-11-04, 15:24
psSAR1g [W/kg]	0.026	0.027
psSAR10g [W/kg]	0.014	0.014
Power Drift [dB]	0.10	-0.20
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		82.6
Dist 3dB Peak [mm]		10.2

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S12

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10038 CAA, Channel 39 (2441.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10038-CAA	2441.000, 39	8.21	1.73	39.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2025-Nov-04	EX3DV4 - SN7731, 2025-04-22	DAE4 Sn1726, 2025-04-17

Scan Setup

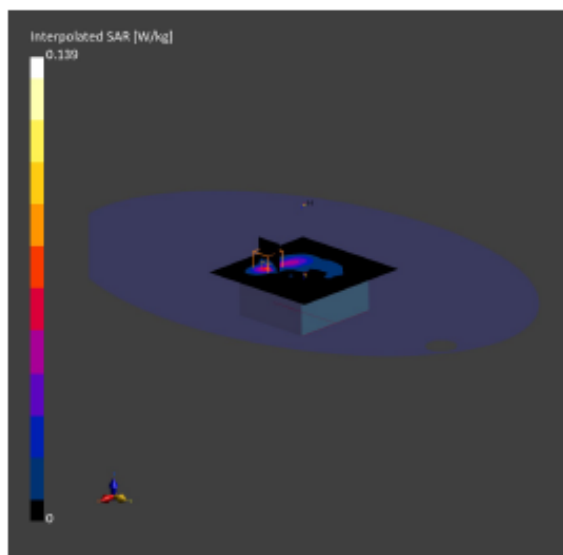
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-11-04, 14:09	2025-11-04, 14:27
psSAR1g [W/kg]	0.043	0.041
psSAR10g [W/kg]	0.019	0.017
Power Drift [dB]	-0.20	-0.17
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		63.2
Dist 3dB Peak [mm]		4.3

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S13

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10038 CAA, Channel 78 (2480.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10038-CAA	2480.000, 78	8.21	1.76	39.3

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2025-Nov-04	EX3DV4 - SN7731, 2025-04-22	DAE4 Sn1726, 2025-04-17

Scan Setup

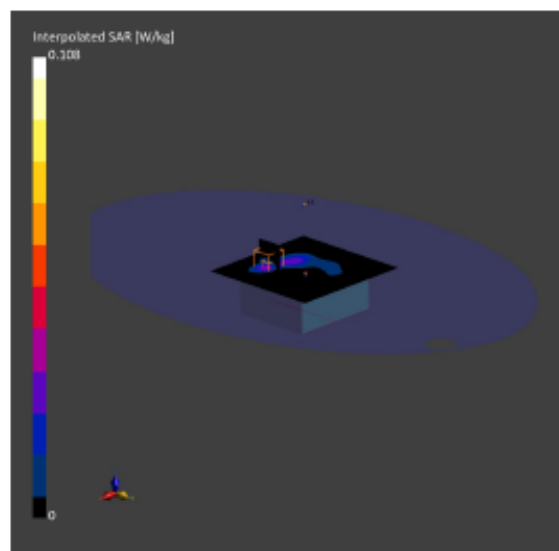
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.4 x 4.4 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-11-04, 14:42	2025-11-04, 15:03
psSAR1g [W/kg]	0.034	0.035
psSAR10g [W/kg]	0.015	0.014
Power Drift [dB]	0.18	-0.06
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.5
Dist 3dB Peak [mm]		6.2

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S14

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10670 AAA, Channel 0 (2402.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10670-AAA	2402.000, 0	8.21	1.73	38.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2023-Oct-30	EX3DV4 - SN7731, 2023-04-22	DAE4 Sn1726, 2023-04-17

Scan Setup

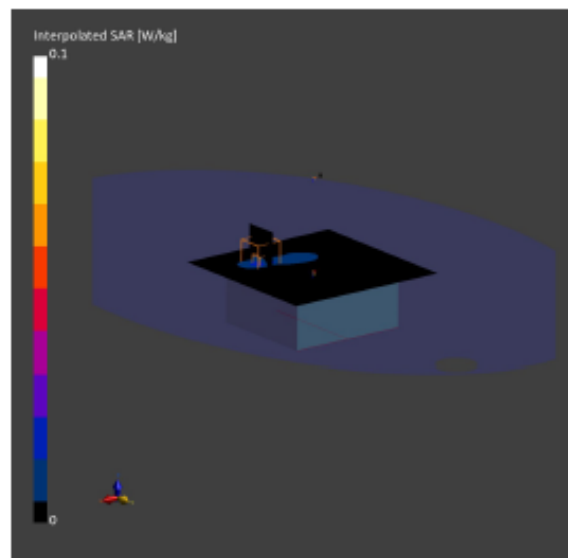
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.0 x 3.0 x 1.3
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.3
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-10-30, 11:36	2023-10-30, 11:47
psSAR _{1g} [W/kg]	0.016	0.016
psSAR _{10g} [W/kg]	0.008	0.007
Power Drift [dB]	-0.16	0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		68.9
Dist 3dB Peak [mm]		6.8

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S15

Measurement Report for rock, EDGE TOP, ISM 2.4 GHz Band, UID 10670 AAA, Channel 0 (2402.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE TOP, 0.00	ISM 2.4 GHz Band	Bluetooth, 10670-AAA	2402.000, 0	8.21	1.73	38.9

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2025-Oct-30	EK3DV4 - SN7731, 2025-04-22	DAE4 Sn1726, 2025-04-17

Scan Setup

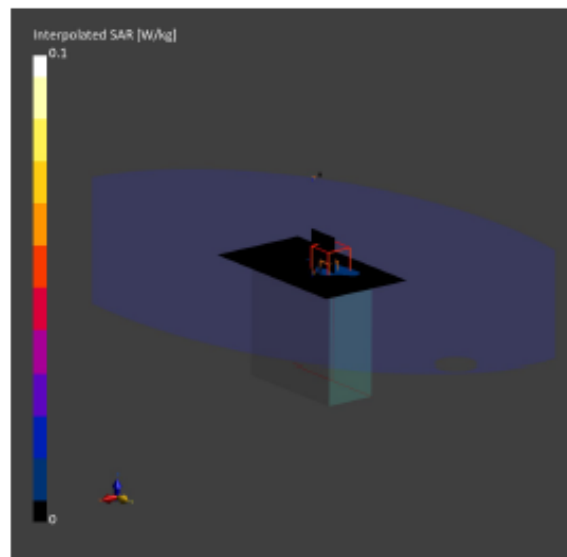
	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.0 x 3.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-10-30, 14:19	2025-10-30, 14:37
psSAR1g [W/kg]	0.009	0.008
psSAR10g [W/kg]	0.005	0.003
Power Drift [dB]	0.21	-0.12
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		70.3
Dist 3dB Peak [mm]		9.9

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S16

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10670 AAA, Channel 38 (2440.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10670-AAA	2440.000, 38	8.21	1.76	38.8

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBB1-600-10000 Charge:xxxx, 2023-Oct-30	EX3DV4 - SN7731, 2023-04-22	DAE4 Sn1726, 2023-04-17

Scan Setup

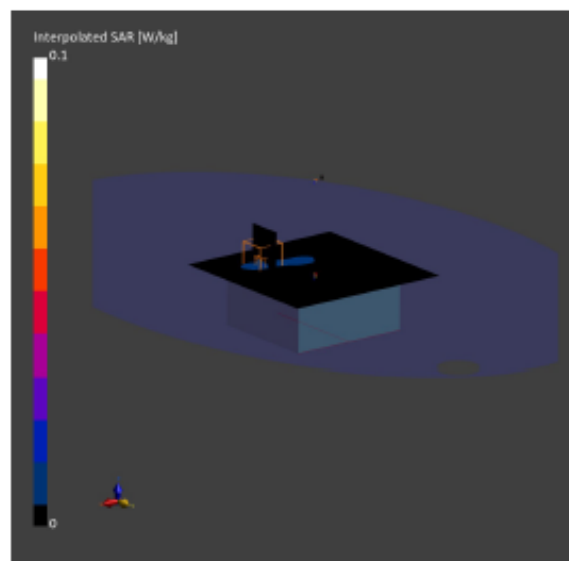
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-10-30, 12:00	2025-10-30, 12:20
psSAR1g [W/kg]	0.013	0.013
psSAR10g [W/kg]	0.006	0.005
Power Drift [dB]	0.01	-0.17
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		60.4
Dist 3dB Peak [mm]		4.9

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S17

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10670 AAA, Channel 78 (2480.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10670-AAA	2480.000, 78	8.21	1.80	38.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI VS.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:XXXX, 2023-Oct-30	EX3DV4 - SN7731, 2023-04-22	DAE4 Sn1726, 2023-04-17

Scan Setup

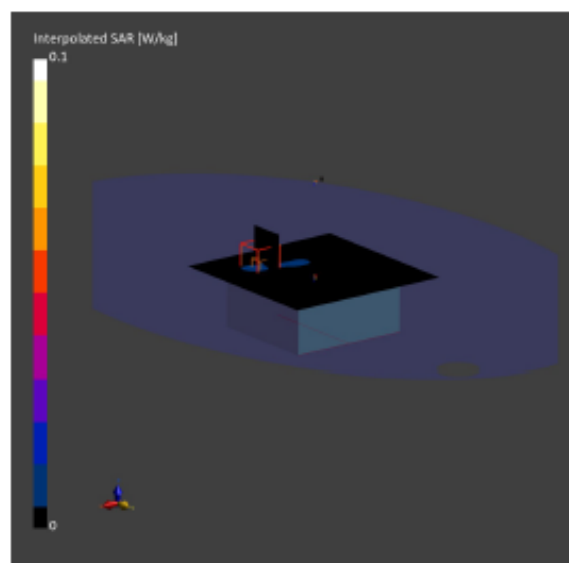
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.3 x 3.3 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-10-30, 12:49	2023-10-30, 13:13
psSAR1g [W/kg]	0.012	0.010
psSAR10g [W/kg]	0.005	0.003
Power Drift [dB]	0.01	-0.19
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		36.3
Dist 3dB Peak [mm]		4.1

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S18

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10670 AAA, Channel 0 (2402.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10670-AAA	2402.000, 0	8.21	1.69	39.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2023-Nov-04	EX3DV4 - SN7731, 2023-04-22	DAE4 Sn1726, 2023-04-17

Scan Setup

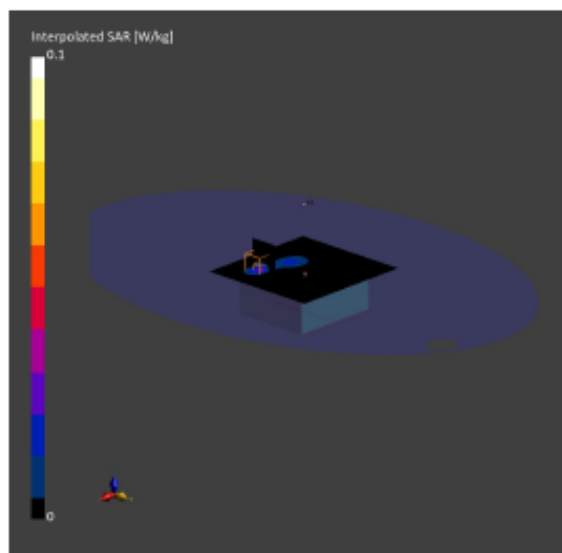
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.2 x 4.2 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-11-04, 17:42	2023-11-04, 18:02
psSAR1g [W/kg]	0.022	0.025
psSAR10g [W/kg]	0.010	0.01
Power Drift [dB]	0.02	0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		64.1
Dist 3dB Peak [mm]		4.9

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S19

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10670 AAA, Channel 0 (2402.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10670-AAA	2402.000, 0	8.21	1.69	39.4

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2025-Nov-04	EX3DV4 - SN7731, 2025-04-22	DAE4 Sn1726, 2025-04-17

Scan Setup

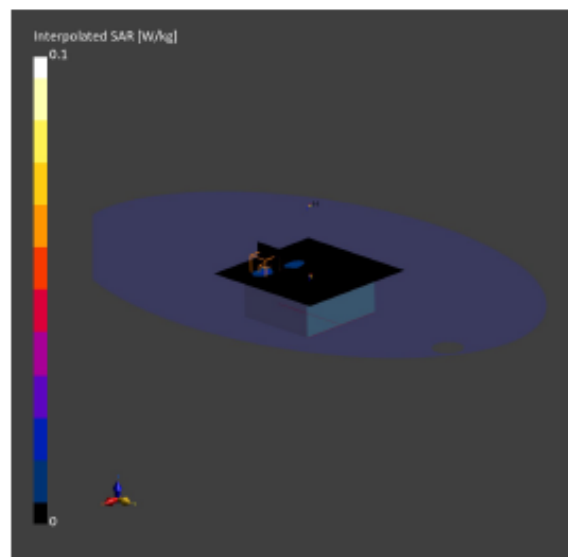
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.2 x 4.2 x 1.3
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.3
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-11-04, 19:24	2025-11-04, 19:42
psSAR1g [W/kg]	0.014	0.016
psSAR10g [W/kg]	0.006	0.006
Power Drift [dB]	0.19	0.13
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		39.3
Dist 3dB Peak [mm]		4.9

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S20

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10670 AAA, Channel 2 (2404.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10670-AAA	2404.000, 2	8.21	1.71	40.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2025-Nov-05	EX3DV4 - SN7731, 2025-04-22	DAE4 Sn1726, 2025-04-17

Scan Setup

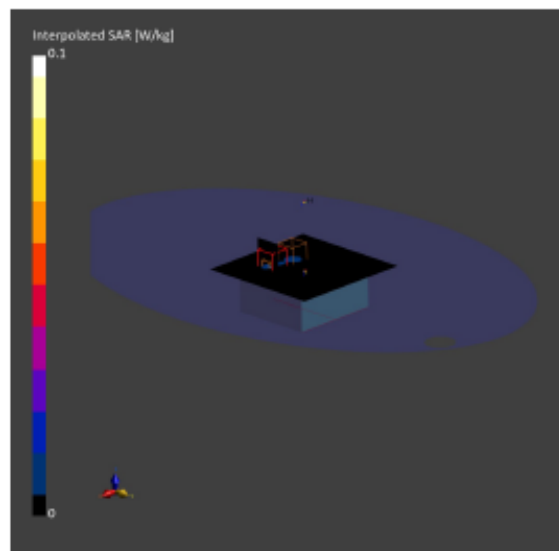
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.3 x 4.3 x 1.3
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.3
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-11-05, 15:32	2025-11-05, 15:46
psSAR1g [W/kg]	0.01	0.011
psSAR10g [W/kg]	0.005	0.005
Power Drift [dB]	0.17	-0.07
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		68.0
Dist 3dB Peak [mm]		4.3

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S21

Measurement Report for rock, EDGE TOP, ISM 2.4 GHz Band, UID 10670 AAA, Channel 2 (2404.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE TOP, 0.00	ISM 2.4 GHz Band	Bluetooth, 10670-AAA	2404.000, 2	8.21	1.71	40.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HB81-600-10000 Charge:xxxx, 2025-Nov-05	EX3DV4 - SN7731, 2025-04-22	DAE4 Sn1726, 2025-04-17

Scan Setup

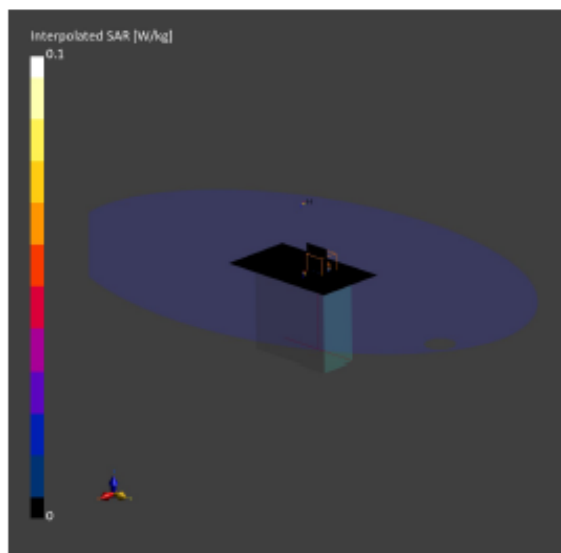
	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.0 x 3.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-11-05, 14:17	2025-11-05, 14:28
psSAR1g [W/kg]	0.008	0.008
psSAR10g [W/kg]	0.004	0.004
Power Drift [dB]	0.14	-0.15
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		82.4
Dist 3dB Peak [mm]		9.9

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S22

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10670 AAA, Channel 38 (2440.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10670-AAA	2440.000, 38	8.21	1.74	40.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2025-Nov-05	EX3DV4 - SN7731, 2025-04-22	DAE4 Sn1726, 2025-04-17

Scan Setup

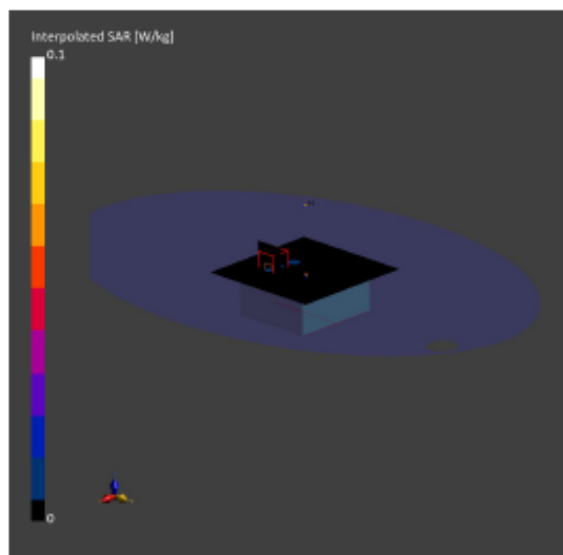
	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	4.2 x 4.2 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2025-11-05, 16:46	2025-11-05, 17:05
psSAR1g [W/kg]	0.009	0.01
psSAR10g [W/kg]	0.004	0.004
Power Drift [dB]	0.11	0.18
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		67.7
Dist 3dB Peak [mm]		4.2

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		



Measurement PLOT #S23

Measurement Report for rock, BACK, ISM 2.4 GHz Band, UID 10670 AAA, Channel 76 (2478.000MHz)

Device under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
rock,	91.0 x 100.0 x 42.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	ISM 2.4 GHz Band	Bluetooth, 10670-AAA	2478.000, 76	8.21	1.77	40.6

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V8.0 (20deg probe tilt) - 2170	HBBL-600-10000 Charge:xxxx, 2023-Nov-05	EX3DV4 - 5N7731, 2023-04-22	DAE4 5n1726, 2023-04-17

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 140.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	3.8 x 3.8 x 1.4
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-11-05, 18:44	2023-11-05, 19:07
psSAR1g [W/kg]	0.007	0.008
psSAR10g [W/kg]	0.004	0.003
Power Drift [dB]	0.20	-0.12
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		62.3
Dist 3dB Peak [mm]		5.1

Warning(s) / Error(s)

Details	Area Scan	Zoom Scan
Warning(s)		
Error(s)		

