



DECLARATION OF COMPLIANCE SAR ASSESSMENT PCII Report Part 2 of 2

<p>Motorola Solutions Inc. EME Test Laboratory Motorola Solutions Malaysia Sdn Bhd Plot 2A, Medan Bayan Lepas Mukim 12 SWD 11900 Bayan Lepas Penang, Malaysia.</p>	<p>Date of Report: 12/5/2021 Report Revision: A</p>
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<p>Responsible Engineer: Report Author: Date/s Tested: Manufacturer: DUT Description: Test TX mode(s): Max. Power output: Nominal Power: Tx Frequency Bands: Signaling type: Model(s) Tested: Model(s) Certified: Serial Number(s): Classification: Applicant Name: Applicant Address: FCC ID: IC: ISED Test Site registration: FCC Test Firm Registration Number:</p>	<p>Puteri Alifah Ilyana Binti Nor Rahim (EME Engineer) Puteri Alifah Ilyana Binti Nor Rahim (EME Engineer) 11/8/2021, 11/11/2021-11/12/2021, 11/23/2021-11/24/2021, 12/03/2021 Motorola Solutions Inc. Handheld Portable – APX6000 and APX6000XE refresh 7/800MHz 764-870 MHz CW (PTT) , Bluetooth, WLAN 802.11 b/g/n Refer Table 3 Refer Table 3 LMR 764-805 MHz, 806-870 MHz ; Bluetooth 2402-2480 MHz; WLAN 2412-2462 MHz FM, TDMA, FHSS (Bluetooth), 802.11b/g/n (WLAN) H98UCD9PW5BN (PMUF1865E), H98UCH9PW7BN (PMUF1867E) Refer Table 1 756TXV0426, 756TXV0607 Occupational/Controlled Motorola Solutions Inc. 8000 West Sunrise Boulevard, Fort Lauderdale, Florida 33322 AZ489FT7086; LMR 769-775MHz, 799-824MHz, 851-869 MHz, Bluetooth 2.402-2.480 GHz, WLAN 802.11 b/g/n 2.412-2.462 GHz This report contains results that are immaterial for FCC equipment approval, which are clearly identified. 109U-89FT7086; This report contains results that are immaterial for ISED equipment approval, which are clearly identified. 24843 823256</p>
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The test results clearly demonstrate compliance with FCC Occupational/Controlled RF Exposure limits of 8 W/kg averaged over 1 gram per the requirements of FCC 47 CFR § 2.1093 and RSS-102 (Issue 5).

Based on the information and the testing results provided herein, the undersigned certifies that when used as stated in the operating instructions supplied, said product complies with the national and international reference standards and guidelines listed in section 4.0 of this report (no deviation from standard methods). This report shall not be reproduced without written approval from an officially designated representative of the Motorola Solutions Inc EME Laboratory.
 I attest to the accuracy of the data and assume full responsibility for the completeness of these measurements. This reporting format is consistent with the suggested guidelines of the TIA TSB-150 December 2004. The results and statements contained in this report pertain only to the device(s) evaluated.

 <p>Saw Sun Hock (Approved Signatory) Approval Date: 12/7/2021</p>	
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Appendix D

System Verification Check Scans

11/8/21, 3:27 PM

__0_CW_835-00MHz.html

Motorola Solutions, EME Laboratory

2021-11-08, 10:44

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [N]	Dev. 10g [N]
DD5V2 - 2N4009	825.0	MSL	22.90	-1.7	-2.0

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, MSL	15		, 0--	825.0, 0	9.0	0.007	54.0

Hardware Setup

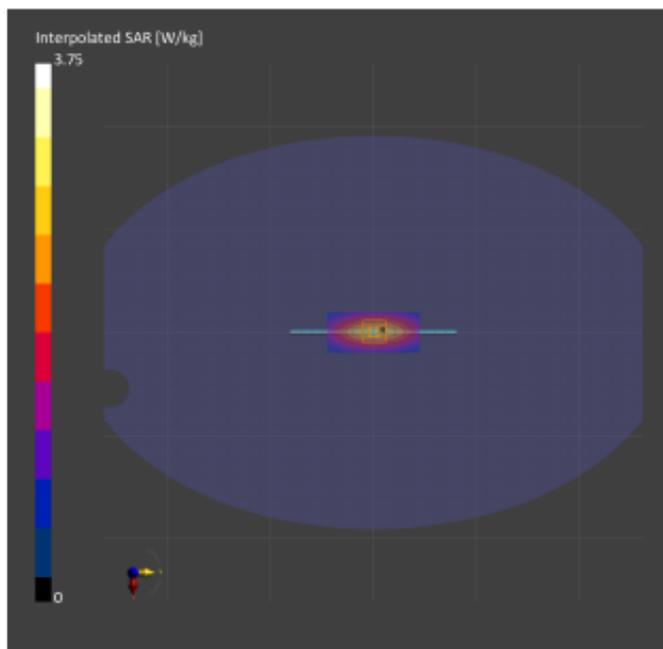
Phantom	TSL, Measured Date	Probe, Calibration Date	DAQ, Calibration Date
EU V4.0 (20deg probe tilt) - EU4 1016	MSL025, 2021-Nov-08	EX2DV4 - 2N7511, 2021-08-18	DAQ4 Sn729, 2021-08-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	20.0 x 20.0 x 20.0
Grid Steps [mm]	10.0 x 15.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	8.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 8p	VMS + 8p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-08, 10:44	2021-11-08, 10:50
psSAR1g [W/Kg]	2.40	2.08
psSAR10g [W/Kg]	1.30	1.54
Power Drift [dB]	0.00	0.01
TSL Correction	Positive / Negative	Positive / Negative



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2021-11-23, 10:28

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D835V2 - SN4d029	835.0	MSL	15.0	-3.8	-5.6

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, MSL	15		, 0--	835.0, 0	9.3	1.02	53.3

Hardware Setup

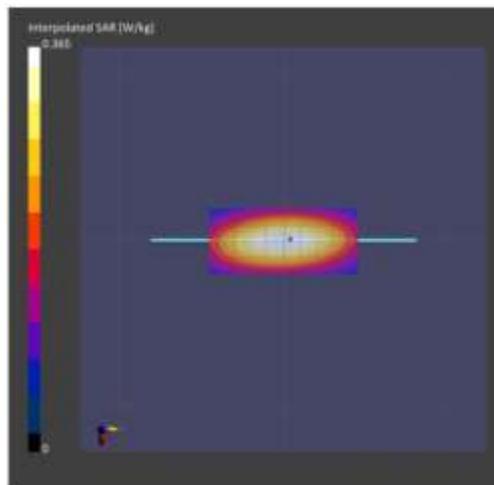
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	MSL835 , 2021-Nov-20	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-23, 10:28	2021-11-23, 10:34
psSAR1g [W/Kg]	0.301	0.292
psSAR10g [W/Kg]	0.199	0.189
Power Drift [dB]	0.03	0.04
TSL Correction	Positive / Negative	Positive / Negative



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2021-12-02, 12:19

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D835V2 - SN4d029	835.0	MSL	23.9794	3.7	3.2

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, MSL	15		, 0--	835.0, 0	9.3	1.02	52.8

Hardware Setup

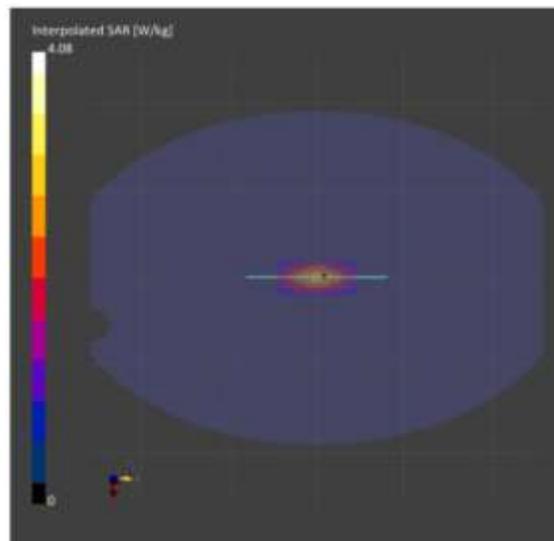
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1016	MSL835 , 2021-Dec-02	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-12-02, 12:19	2021-12-02, 12:25
psSAR1g [W/Kg]	2.54	2.49
psSAR10g [W/Kg]	1.68	1.63
Power Drift [dB]	0.02	0.00
TSL Correction	Positive / Negative	Positive / Negative



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2021-11-24, 00:42

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D835V2 - SN4d029	835.0	HSL	15.0	-8.3	-10.0

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	15		, 0--	835.0, 0	9.22	0.939	39.9

Hardware Setup

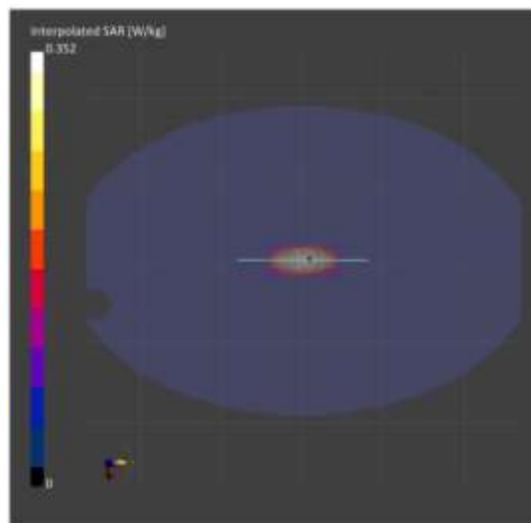
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1016	HSL835 , 2021-Nov-24	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-24, 00:42	2021-11-24, 00:48
psSAR1g [W/Kg]	0.294	0.281
psSAR10g [W/Kg]	0.194	0.180
Power Drift [dB]	-0.09	0.01
TSL Correction	Positive / Negative	Positive / Negative



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2021-12-02, 21:34

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D835V2 - SN4d029	835.0	HSL	23.98	-7.9	-9.5

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	15		, 0--	835.0, 0	9.22	0.880	42.6

Hardware Setup

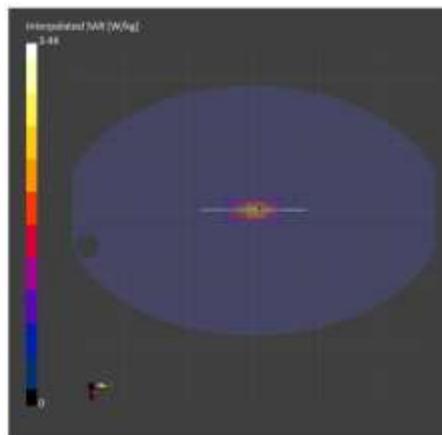
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	HSL835 , 2021-Dec-02	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-12-02, 21:34	2021-12-02, 21:40
psSAR1g [W/Kg]	2.28	2.23
psSAR10g [W/Kg]	1.49	1.43
Power Drift [dB]	-0.10	-0.06
TSL Correction	Positive / Negative	Positive / Negative



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2021-11-11, 03:20

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D2450V2 - SN782	2450.0	MSL	15.0	-0.4	-4.2

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, MSL	10		, 0--	2450.0, 0	6.97	2.03	48.1

Hardware Setup

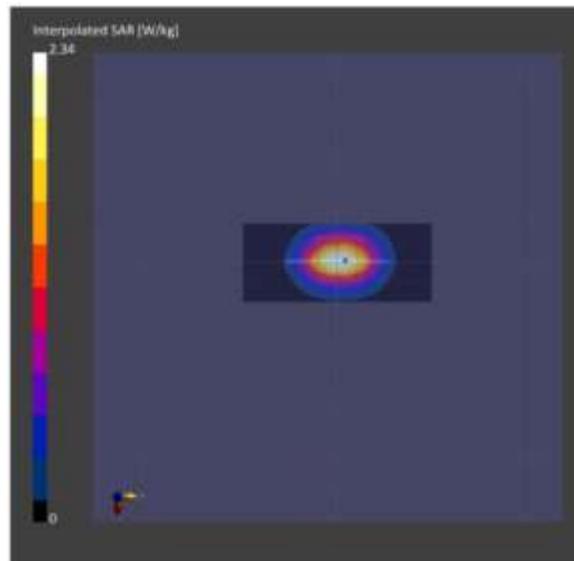
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1016	MSL2450, 2021-Jul-28	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 96.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-11, 03:20	2021-11-11, 03:28
psSAR1g [W/Kg]	1.70	1.63
psSAR10g [W/Kg]	0.802	0.742
Power Drift [dB]	0.03	0.01
TSL Correction	Positive / Negative	Positive / Negative



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2021-11-24, 05:51

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D2450V2 - SN782	2450.0	MSL	15.0	1.4	-1.5

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, MSL	10		, 0--	2450.0, 0	6.97	2.03	47.7

Hardware Setup

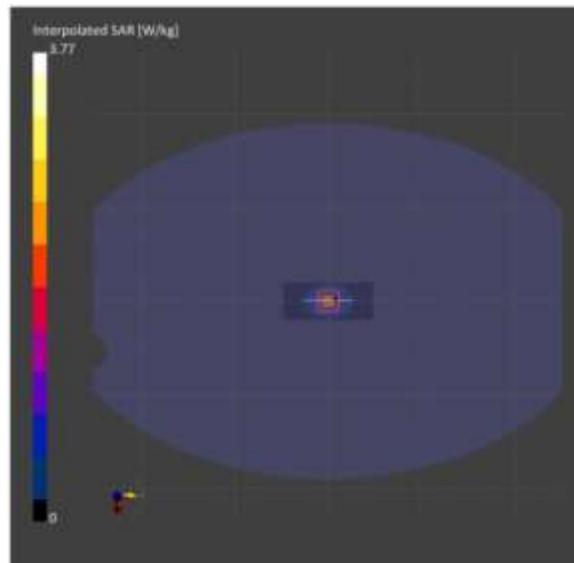
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	MSL2450, 2021-Nov-24	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 96.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-24, 05:51	2021-11-24, 05:59
psSAR1g [W/Kg]	1.74	1.66
psSAR10g [W/Kg]	0.805	0.763
Power Drift [dB]	-0.00	-0.02
TSL Correction	Positive / Negative	Positive / Negative



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2021-11-11, 18:34

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D2450V2 - SN782	2450.0	HSL	15.0	-6.5	-8.5

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		, 0--	2450.0, 0	7.0	1.88	36.4

Hardware Setup

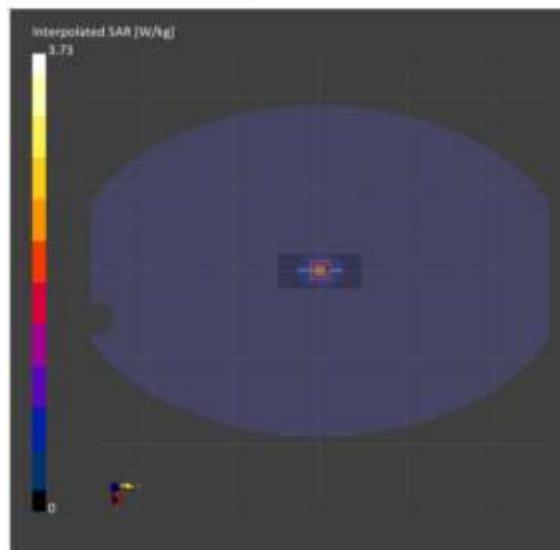
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1016	HSL2450, 2021-Nov-11	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 96.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-11, 18:34	2021-11-11, 18:41
psSAR1g [W/Kg]	1.66	1.61
psSAR10g [W/Kg]	0.784	0.732
Power Drift [dB]	0.00	0.01
TSL Correction	Positive / Negative	Positive / Negative



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2021-11-24, 03:55

System Performance Check Report

Summary

Dipole	Frequency [MHz]	TSL	Power [dBm]	Dev. 1g [%]	Dev. 10g [%]
D2450V2 - SN782	2450.0	HSL	15.0	-4.6	-4.8

Exposure Conditions

Phantom Section, TSL	Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	10		, 0---	2450.0, 0	7.0	1.80	35.6

Hardware Setup

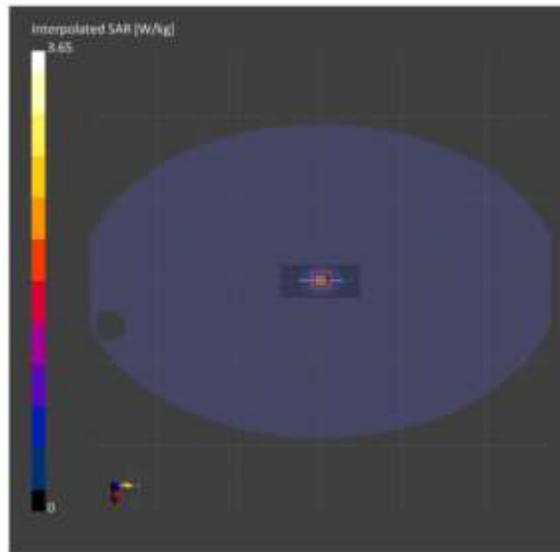
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1016	HSL2450 , 2021-Nov-24	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 96.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-24, 03:55	2021-11-24, 04:02
psSAR1g [W/Kg]	1.69	1.64
psSAR10g [W/Kg]	0.793	0.762
Power Drift [dB]	-0.05	0.05
TSL Correction	Positive / Negative	Positive / Negative



Appendix E DUT Scans

Assessments at the FCC/ISED Body (LMR) - Table 19 & 20

Motorola Solutions, EME Laboratory

2021-11-23, 11:31

Measurement Report for H98UCD9PW5BN (PMUF1865E), 756TXV0426, BACK, Custom Band, CW, Channel 764000 (764.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
H98UCD9PW5BN (PMUF1865E)	756TXV0426	240.0 x 75.0 x 40.0

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, MSL	BACK, 0.00	Custom Band	CW, 0--	764.0, 764000	9.35	0.941	54.1

Hardware Setup

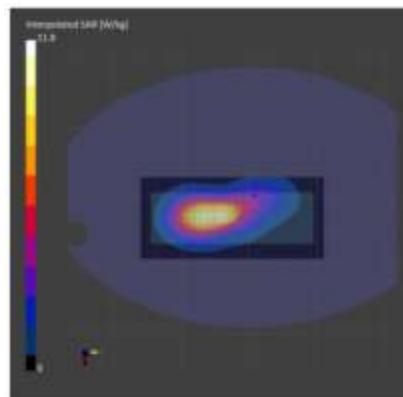
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	MSL835 , 2021-Nov-23	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-23, 11:31	2021-11-23, 11:51
psSAR1g [W/Kg]	10.3	9.99
psSAR10g [W/Kg]	6.76	6.49
Power Drift [dB]	-0.39	-0.62
TSL Correction	Positive only	Positive only
M2/M1 [%]		83.2
Dist 3dB Peak [mm]		12.9



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2021-11-23, 17:07

Measurement Report for H98UCD9PW58N (PMUF1865E), 756TXV0426, BACK, Custom Band, CW, Channel 824000 (824.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
H98UCD9PW58N (PMUF1865E)	756TXV0426	285.0 x 75.0 x 40.0

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, MSL	BACK, 0.00	Custom Band	CW, 0--	824.0, 824000	9.3	1.00	53.4

Hardware Setup

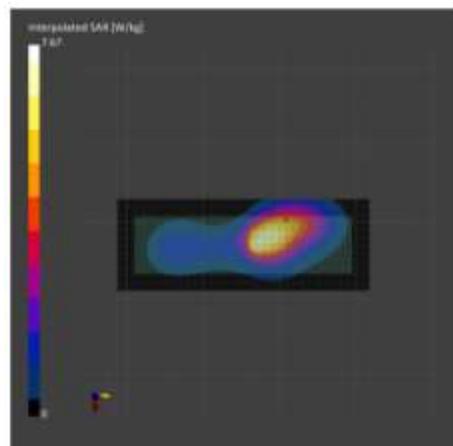
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	MSL835 , 2021-Nov-23	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 330.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-23, 17:07	2021-11-23, 17:14
psSAR1g [W/Kg]	6.54	6.37
psSAR10g [W/Kg]	4.37	4.17
Power Drift [dB]	-0.09	-0.25
TSL Correction	Positive only	Positive only
M2/M1 [%]		81.4
Dist 3dB Peak [mm]		13.3



Motorola Solutions, EME Laboratory

Unknown

Measurement Report for PMUF1865E, 756TXV0426, BACK, Custom Band, CW, Channel 851000 (851.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUF1865E	756TXV0426	285.0 x 75.0 x 45.0

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, MSL	BACK, 0.00	Custom Band	CW, 0--	851.0, 851000	9.3	1.03	52.7

Hardware Setup

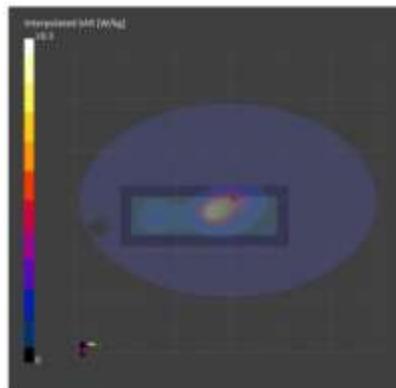
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1016	MSL835, 2021-Dec-02	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 330.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	Unknown	Unknown
psSAR1g [W/Kg]	9.03	8.85
psSAR10g [W/Kg]	6.03	5.81
Power Drift [dB]	-0.15	-0.30
TSL Correction	Positive only	Positive only
M2/M1 [%]		86.2
Dist 3dB Peak [mm]		14.8



Assessments at the FCC/ISED Face (LMR) - Table 19 & 20

Motorola Solutions, EME Laboratory

2021-12-02, 23:33

Measurement Report for PMUF1867E, 756TXV0607,FRONT, Custom Band, CW, Channel 775000 (775.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUF1867E	756TXV0607	240.0 x 75.0 x 45.0

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, 25.00	Custom Band	CW, 0--	775.0, 775000	9.52	0.860	42.8

Hardware Setup

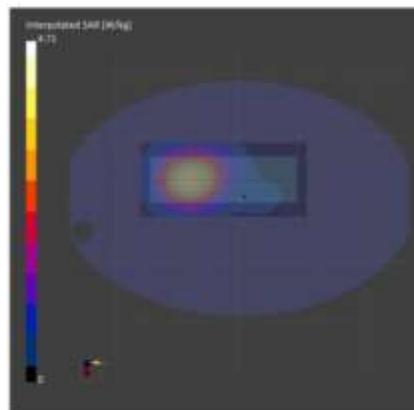
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	HSL835 , 2021-Dec-02	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-12-02, 23:33	2021-12-02, 23:40
psSAR1g [W/Kg]	3.76	3.71
psSAR10g [W/Kg]	2.65	2.75
Power Drift [dB]	-0.10	-0.17
TSL Correction	Positive only	Positive only
M2/M1 [%]		92.1
Dist 3dB Peak [mm]		> 15.0



Motorola Solutions, EME Laboratory

2021-12-03, 00:05

Measurement Report for PMUF1867E, 756TXV0607, BACK, Custom Band, CW, Channel 824000 (824.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUF1867E	756TXV0607	385.0 x 75.0 x 45.0

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, 25.00	Custom Band	CW, 0--	824.0, 824000	9.22	0.876	42.7

Hardware Setup

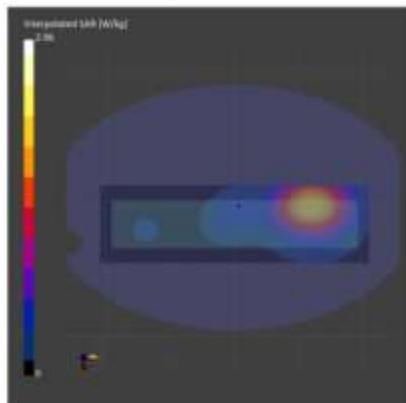
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	HSL835 , 2021-Dec-02	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 420.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-12-03, 00:05	2021-12-03, 00:12
psSAR1g [W/Kg]	2.22	2.20
psSAR10g [W/Kg]	1.55	1.60
Power Drift [dB]	-0.09	-0.16
TSL Correction	Positive only	Positive only
M2/M1 [%]		89.7
Dist 3dB Peak [mm]		> 15.0



Motorola Solutions, EME Laboratory

2021-11-24, 01:22

Measurement Report for PMUF1867E, 756TXV0607, BACK, Custom Band, CW, Channel 851000 (851.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUF1867E	756TXV0607	240.0 x 75.0 x 45.0

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, 25.00	Custom Band	CW, 0--	851.0, 851000	9.22	0.945	39.8

Hardware Setup

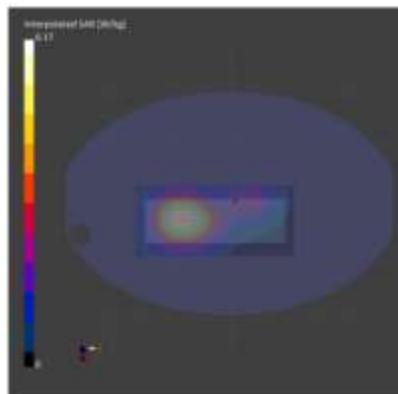
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1016	HSL835 , 2021-Nov-24	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-24, 01:22	2021-11-24, 01:29
psSAR1g [W/Kg]	4.64	4.43
psSAR10g [W/Kg]	3.26	3.21
Power Drift [dB]	-0.21	-0.34
TSL Correction	Positive only	Positive only
M2/M1 [%]		89.9
Dist 3dB Peak [mm]		> 15.0



Assessments for ISED each antenna (LMR) - Table 20

Motorola Solutions, EME Laboratory

2021-11-23, 11:31

Measurement Report for H98UCD9PW5BN (PMUF1865E), 756TXV0426, BACK, Custom Band, CW, Channel 764000 (764.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
H98UCD9PW5BN (PMUF1865E)	756TXV0426	240.0 x 75.0 x 40.0

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, MSL	BACK, 0.00	Custom Band	CW, 0--	764.0, 764000	9.35	0.941	54.1

Hardware Setup

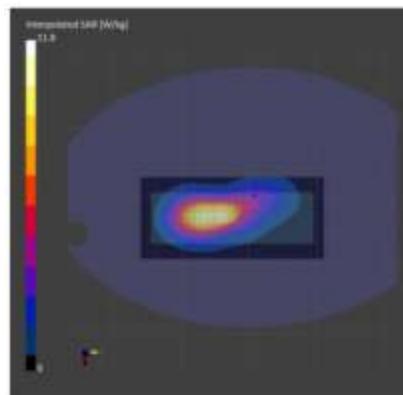
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	MSL835 , 2021-Nov-23	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-23, 11:31	2021-11-23, 11:51
psSAR1g [W/Kg]	10.3	9.99
psSAR10g [W/Kg]	6.76	6.49
Power Drift [dB]	-0.39	-0.62
TSL Correction	Positive only	Positive only
M2/M1 [%]		83.2
Dist 3dB Peak [mm]		12.9



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2021-11-23, 17:07

Measurement Report for H98UCD9PW58N (PMUF1865E), 756TXV0426, BACK, Custom Band, CW, Channel 824000 (824.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
H98UCD9PW58N (PMUF1865E)	756TXV0426	285.0 x 75.0 x 40.0

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, MSL	BACK, 0.00	Custom Band	CW, 0--	824.0, 824000	9.3	1.00	53.4

Hardware Setup

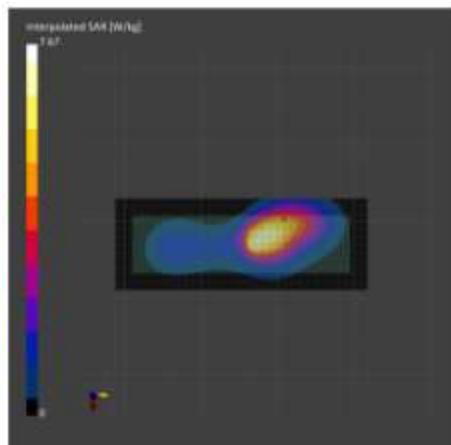
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	MSL835 , 2021-Nov-23	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 330.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-23, 17:07	2021-11-23, 17:14
psSAR1g [W/Kg]	6.54	6.37
psSAR10g [W/Kg]	4.37	4.17
Power Drift [dB]	-0.09	-0.25
TSL Correction	Positive only	Positive only
M2/M1 [%]		81.4
Dist 3dB Peak [mm]		13.3



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Unknown

Measurement Report for PMUF1865E, 756TXV0426, BACK, Custom Band, CW, Channel 851000 (851.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUF1865E	756TXV0426	285.0 x 75.0 x 45.0

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, MSL	BACK, 0.00	Custom Band	CW, 0--	851.0, 851000	9.3	1.03	52.7

Hardware Setup

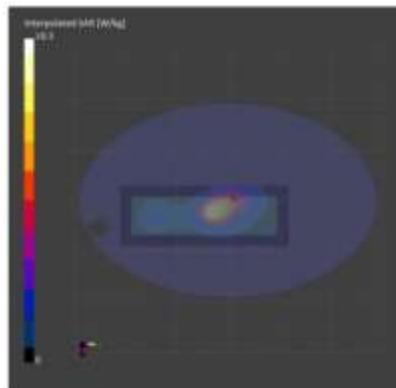
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1016	MSL835, 2021-Dec-02	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 330.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	Unknown	Unknown
psSAR1g [W/Kg]	9.03	8.85
psSAR10g [W/Kg]	6.03	5.81
Power Drift [dB]	-0.15	-0.30
TSL Correction	Positive only	Positive only
M2/M1 [%]		86.2
Dist 3dB Peak [mm]		14.8



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2021-12-02, 23:33

Measurement Report for PMUF1867E, 756TXV0607, FRONT, Custom Band, CW, Channel 775000 (775.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUF1867E	756TXV0607	240.0 x 75.0 x 45.0

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, 25.00	Custom Band	CW, 0--	775.0, 775000	9.52	0.860	42.8

Hardware Setup

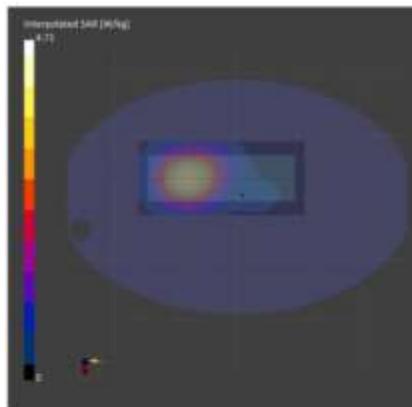
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	HSL835, 2021-Dec-02	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-12-02, 23:33	2021-12-02, 23:40
psSAR1g [W/Kg]	3.76	3.71
psSAR10g [W/Kg]	2.65	2.75
Power Drift [dB]	-0.10	-0.17
TSL Correction	Positive only	Positive only
M2/M1 [%]		92.1
Dist 3dB Peak [mm]		> 15.0



Motorola Solutions, EME Laboratory

2021-12-03, 00:05

Measurement Report for PMUF1867E, 756TXV0607, BACK, Custom Band, CW, Channel 824000 (824.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUF1867E	756TXV0607	385.0 x 75.0 x 45.0

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, 25.00	Custom Band	CW, 0--	824.0, 824000	9.22	0.876	42.7

Hardware Setup

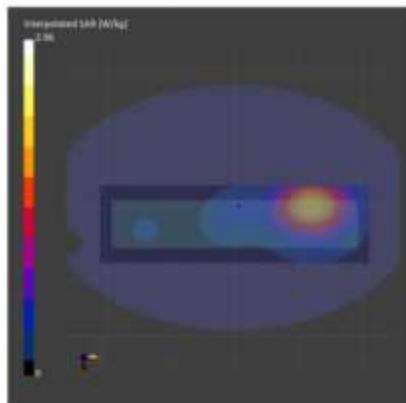
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	HSL835 , 2021-Dec-02	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 420.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-12-03, 00:05	2021-12-03, 00:12
psSAR1g [W/Kg]	2.22	2.20
psSAR10g [W/Kg]	1.55	1.60
Power Drift [dB]	-0.09	-0.16
TSL Correction	Positive only	Positive only
M2/M1 [%]		89.7
Dist 3dB Peak [mm]		> 15.0



Motorola Solutions, EME Laboratory

2021-11-24, 01:22

Measurement Report for PMUF1867E, 756TXV0607, BACK, Custom Band, CW, Channel 851000 (851.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUF1867E	756TXV0607	240.0 x 75.0 x 45.0

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, 25.00	Custom Band	CW, 0--	851.0, 851000	9.22	0.945	39.8

Hardware Setup

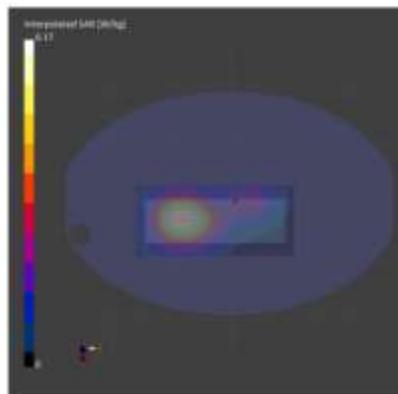
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1016	HSL835 , 2021-Nov-24	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-24, 01:22	2021-11-24, 01:29
psSAR1g [W/Kg]	4.64	4.43
psSAR10g [W/Kg]	3.26	3.21
Power Drift [dB]	-0.21	-0.34
TSL Correction	Positive only	Positive only
M2/M1 [%]		89.9
Dist 3dB Peak [mm]		> 15.0



Motorola Solutions, EME Laboratory

2021-11-08, 15:06

Measurement Report for PMUF1865E, 756TXV0426, BACK, Custom Band, CW, Channel 775000 (775.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUF1865E	756TXV0426	340.0 x 75.0 x 40.0

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, MSL	BACK, 0.00	Custom Band	CW, 0--	775.0, 775000	9.35	0.927	55.4

Hardware Setup

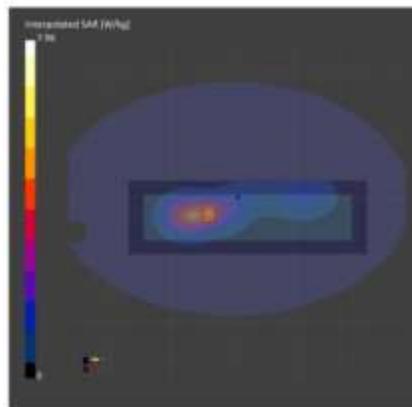
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1016	MSL835 , 2021-Nov-08	EX3DV4 - SN7511 , 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 390.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-08, 15:06	2021-11-08, 15:20
psSAR1g [W/Kg]	4.63	4.56
psSAR10g [W/Kg]	3.09	2.98
Power Drift [dB]	-0.49	-0.69
TSL Correction	Positive only	Positive only
M2/M1 [%]		80.7
Dist 3dB Peak [mm]		15.2



Motorola Solutions, EME Laboratory

2021-11-23, 17:07

Measurement Report for H98UCD9PW5BN (PMUF1 865E), 756TXV0426, BACK, Custom Band, CW, Channel 824000 (824.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
H98UCD9PW5BN (PMUF1 865E)	756TXV0426	285.0 x 75.0 x 40.0

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, MSL	BACK, 0.00	Custom Band	CW, 0--	824.0, 824000	9.3	1.00	53.4

Hardware Setup

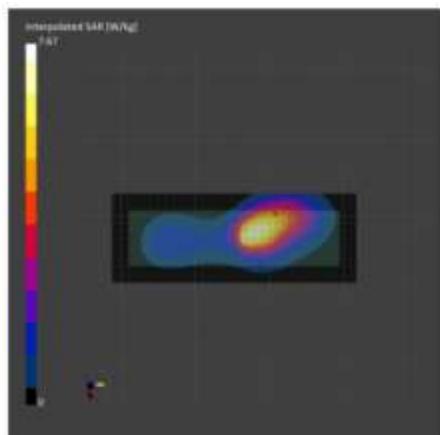
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	MSL835 , 2021-Nov-23	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 330.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-23, 17:07	2021-11-23, 17:14
psSAR1g [W/Kg]	6.54	6.37
psSAR10g [W/Kg]	4.37	4.17
Power Drift [dB]	-0.09	-0.25
TSL Correction	Positive only	Positive only
M2/M1 [%]		81.4
Dist 3dB Peak [mm]		13.3



Motorola Solutions, EME Laboratory

2021-11-08, 16:09

Measurement Report for PMUF1865E, 756TXV0426, BACK, Custom Band, CW, Channel 824000 (824.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUF1865E	756TXV0426	375.0 x 75.0 x 45.0

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, MSL	BACK, 0.00	Custom Band	CW, 0--	824.0, 824000	9.3	0.974	55.0

Hardware Setup

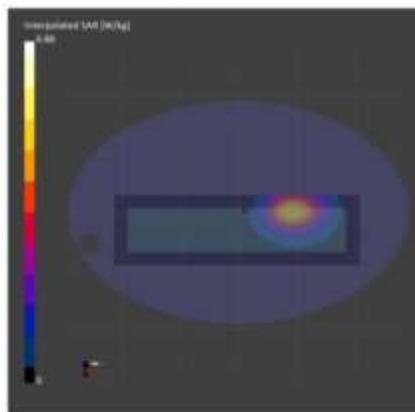
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1016	MSL835 , 2021-Nov-08	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 420.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-08, 16:09	2021-11-08, 16:24
psSAR1g [W/Kg]	4.94	4.97
psSAR10g [W/Kg]	3.42	3.62
Power Drift [dB]	-0.06	-0.21
TSL Correction	Positive only	Positive only
M2/M1 [%]		89.5
Dist 3dB Peak [mm]		> 15.0



Motorola Solutions, EME Laboratory

2021-11-08, 18:01

Measurement Report for PMUF1865E, 756TXV0426, BACK, Custom Band, CW, Channel 824000 (824.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUF1865E	756TXV0426	175.0 x 60.0 x 30.0

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, MSL	BACK, 0.00	Custom Band	CW, 0--	824.0, 824000	9.3	0.974	55.0

Hardware Setup

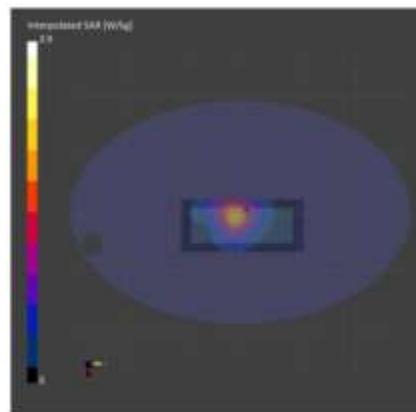
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1016	MSL835 , 2021-Nov-08	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	90.0 x 210.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	All points	All points
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-08, 18:01	2021-11-08, 18:16
psSAR1g [W/Kg]	2.61	2.49
psSAR10g [W/Kg]	1.76	1.73
Power Drift [dB]	-0.30	-0.46
TSL Correction	Positive only	Positive only
M2/M1 [%]		87.6
Dist 3dB Peak [mm]		17.3



Assessment at the FCC/ISED Body for WLAN 2.4GHz - Table 22

Motorola Solutions, EME Laboratory
2021-11-11, 13:47

Measurement Report for PMUF1867E, 756TXV0607, BACK, WLAN 2.4GHz, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), Channel 1 (2412.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUF1867E	756TXV0607	235.0 x 75.0 x 45.0

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, MSL	BACK, 0.00	WLAN 2.4GHz	WLAN, 10415-AAA	2412.0, 1	6.97	1.99	48.2

Hardware Setup

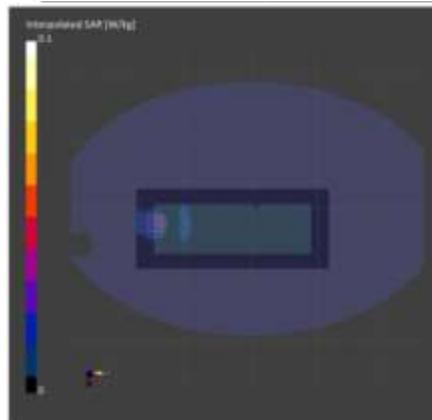
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1016	MSL2450, 2021-Jul-28	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 288.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-11, 13:47	2021-11-11, 13:57
psSAR1g [W/Kg]	0.023	0.016
psSAR10g [W/Kg]	0.012	0.006
Power Drift [dB]	0.44	0.18
TSL Correction	Positive only	Positive only
M2/M1 [%]		80.7
Dist 3dB Peak [mm]		> 15.0



Assessment at the FCC/ISED Face for WLAN 2.4GHz - Table 22

Motorola Solutions, EME Laboratory

2021-11-12, 01:27

Measurement Report for PMUF1867E, 756TXV0607, FRONT, WLAN 2.4GHz, IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle), Channel 1 (2412.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUF1867E	756TXV0607	280.0 x 75.0 x 45.0

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, 25.00	WLAN 2.4GHz	WLAN, 10415-AAA	2412.0, 1	7.0	1.84	36.5

Hardware Setup

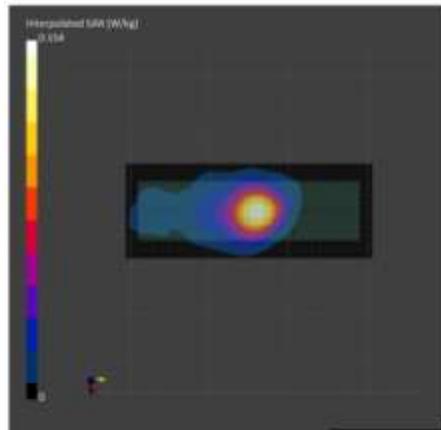
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1016	HSL2450, 2021-Nov-11	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 312.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-12, 01:27	2021-11-12, 01:36
psSAR1g [W/Kg]	0.126	0.125
psSAR10g [W/Kg]	0.073	0.070
Power Drift [dB]	-0.12	-0.12
TSL Correction	Positive only	Positive only
M2/M1 [%]		81.2
Dist 3dB Peak [mm]		> 15.0



APPENDIX F
Shortened Scan of Highest SAR configuration

Motorola Solutions, EME Laboratory

2021-11-23, 21:40

Measurement Report for PMUF1865E, 756TXV0426, BACK, Custom Band, CW, Channel 775000 (775.0 MHz)

Device Under Test Properties

Model	Serial Number	Dimensions [mm]
PMUF1865E	756TXV0426	240.0 x 75.0 x 40.0

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, MSL	BACK, 0.00	Custom Band	CW, 0---	775.0, 775000	9.35	0.953	54.0

Hardware Setup

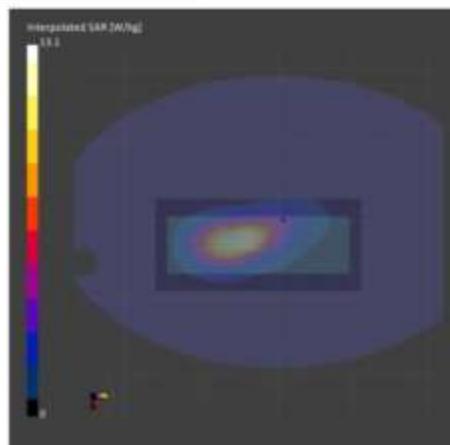
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - ELI4 1109	MSL835 , 2021-Nov-23	EX3DV4 - SN7511, 2021-06-18	DAE4 Sn729, 2021-06-09

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 270.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4
Graded Grid	Yes	Yes
Grading Ratio	1.5	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2021-11-23, 21:40	2021-11-23, 22:23
psSAR1g [W/Kg]	11.5	10.8
psSAR10g [W/Kg]	7.68	6.88
Power Drift [dB]	-0.15	-0.26
TSL Correction	Positive only	Positive only
M2/M1 [%]		81.8
Dist 3dB Peak [mm]		12.2



Shortened scan reflects highest SAR producing configuration and is compared to the full scan.

Scan Description	Referenced Table	Test Time (min.)	SAR 1g (W/kg)
Shorten scan (zoom)	23	8	5.73
Full scan (area & zoom)	19	30	5.76

APPENDIX G
DUT Test Position Photos

1.0 Highest SAR Test Position per location

1.1 Body

DUT with antenna NAR6595A with offered battery PMNN4485A and body worn kit NTN8266B against the phantom with NMN6274B audio accessory attached.



1.2 Face

Back of DUT with antenna NAR6595A with offered battery PMNN4486A separated 2.5cm from the phantom without an audio accessory attached.



APPENDIX H
DUT, Body worn and audio accessories Photos

Please refer to original filing report