

Appendix B

LTE Band 7
LTE Band 12
LTE Band 13
LTE Band 25
LTE Band 26
LTE Band 66
LTE Band 41

Measurement Report for Device, BACK, Band 7, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:High AntennaCfg:SISO, Channel 21350 (2560.000 MHz)

Device Under Test Properties

Model	Dimensions [mm]
Device	55.0 x 35.0 x 20.0

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, Head Simulating Liquid	BACK, 5.00	Band 7	LTE-FDD, 10169-CAF	2560.000, 21350	7.06	1.95	38.9

Hardware Setup

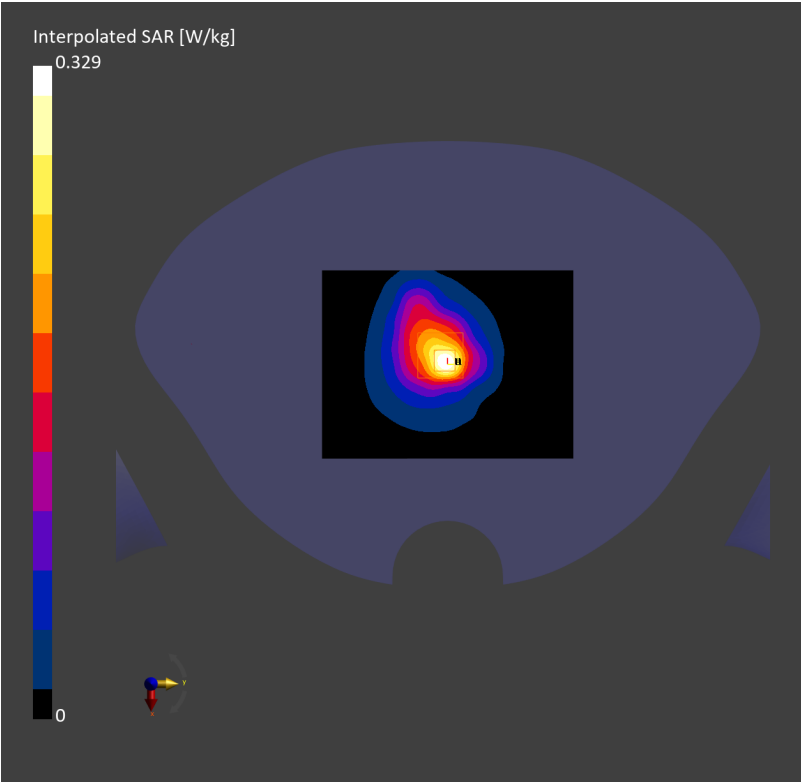
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2168	HSL2600	EX3DV4 – SN7812, 2026-01-19	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 100.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
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	2026-03-06, 16:30	2026-03-06, 16:35
psSAR1g [W/Kg]	0.031	0.038
psSAR10g [W/Kg]	0.016	0.019
Power Drift [dB]	0.12	-0.15
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		54.7
Dist 3dB Peak [mm]		10.3



Measurement Report for Device, EDGE LEFT, Band 12, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 23060 (704.000 MHz)

Device Under Test Properties

Model	Dimensions [mm]
Device	55.0 x 35.0 x 20.0

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, Head Simulating Liquid	EDGE LEFT, 5.00	Band 12	LTE-FDD, 10175-CAH	704.000, 23060	9.72	0.900	42.8

Hardware Setup

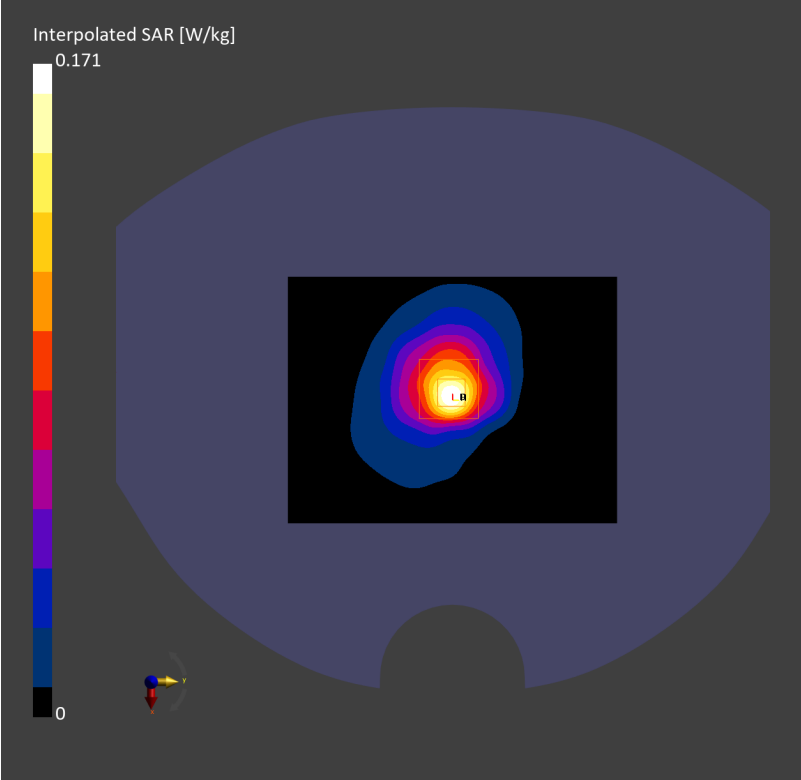
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2168	HSL750	EX3DV4 – SN7812, 2026-01-19	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 100.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-03-06, 14:32	2026-03-06, 14:35
psSAR1g [W/Kg]	0.137	0.146
psSAR10g [W/Kg]	0.077	0.065
Power Drift [dB]	-0.06	-0.01
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		31.6
Dist 3dB Peak [mm]		8.2



Measurement Report for Device, EDGE LEFT, Band 13, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 23230 (782.000 MHz)

Device Under Test Properties

Model	Dimensions [mm]
Device	55.0 x 35.0 x 20.0

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, Head Simulating Liquid	EDGE LEFT, 5.00	Band 13	LTE-FDD, 10175-CAH	782.000, 23230	9.72	0.908	42.5

Hardware Setup

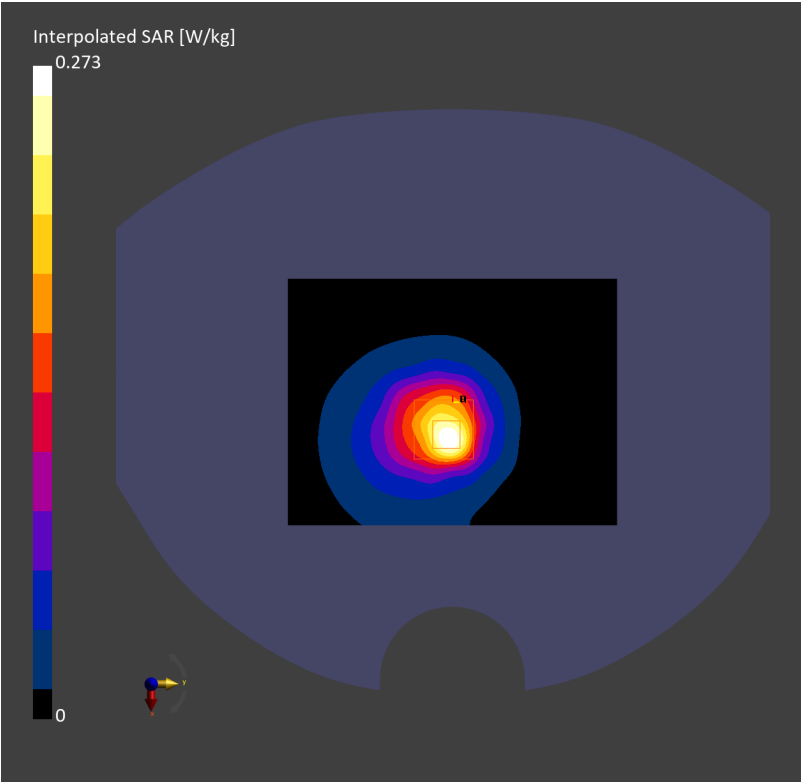
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2168	HSL750	EX3DV4 – SN7812, 2026-01-19	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 100.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-03-06, 15:14	2026-03-06, 15:18
psSAR1g [W/Kg]	0.221	0.264
psSAR10g [W/Kg]	0.128	0.119
Power Drift [dB]	-0.09	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		38.6
Dist 3dB Peak [mm]		8.4



Measurement Report for Device, BACK, Band 25, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Mid AntennaCfg:SISO, Channel 26590 (1905.000 MHz)

Device Under Test Properties

Model	Dimensions [mm]
Device	55.0 x 35.0 x 20.0

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, Head Simulating Liquid	BACK, 5.00	Band 25	LTE-FDD, 10169-CAF	1905.000, 26590	7.7	1.41	40.3

Hardware Setup

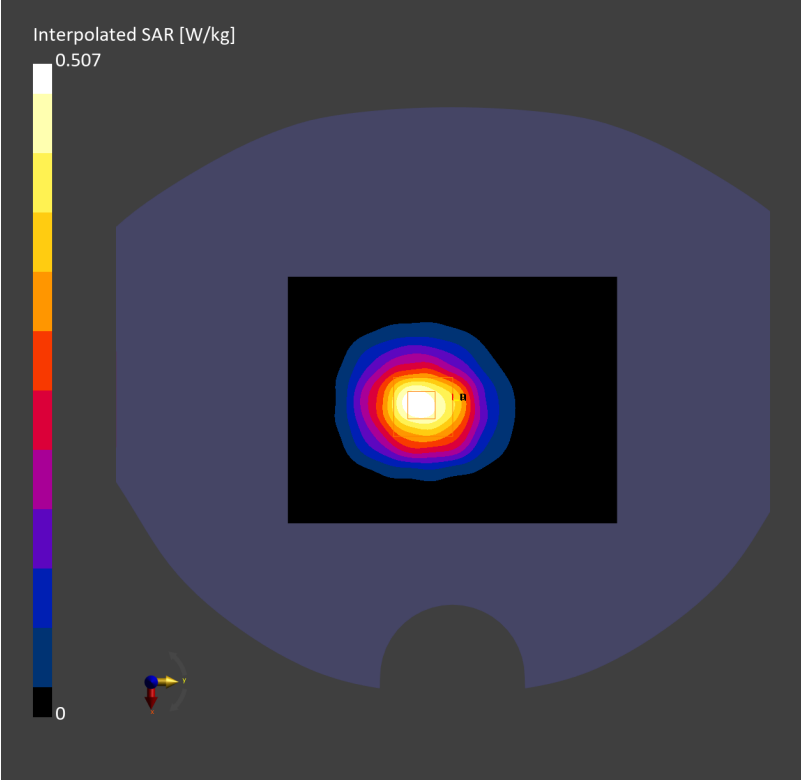
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2168	HSL1900	EX3DV4 – SN7812, 2026-01-19	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 100.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-03-06, 16:14	2026-03-06, 16:18
psSAR1g [W/Kg]	0.416	0.477
psSAR10g [W/Kg]	0.230	0.268
Power Drift [dB]	-0.05	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.8
Dist 3dB Peak [mm]		13.7



Test Laboratory: TOWE Lab

Measurement Report for Device, EDGE LEFT, Band 26, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 26965 (841.500 MHz)

Device Under Test Properties

Model	Dimensions [mm]
Device	55.0 x 35.0 x 20.0

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, Head Simulating Liquid	EDGE LEFT, 5.00	Band 26	LTE-FDD, 10181-CAF	841.500, 26965	9.3	0.922	41.9

Hardware Setup

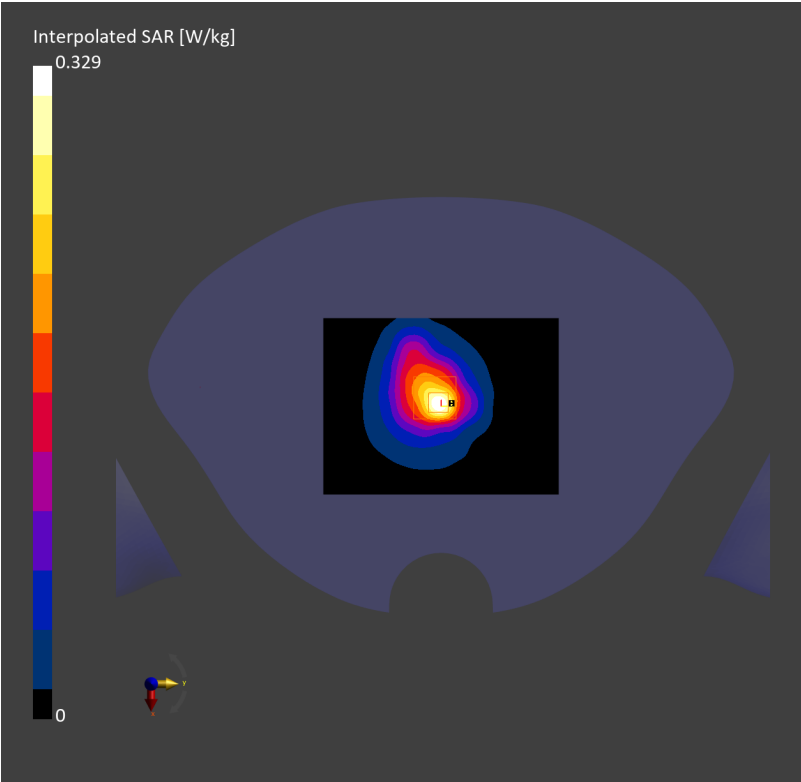
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) - 2168	HSL835	EX3DV4 - SN7812, 2026-01-19	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 100.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-03-17, 09:52	2026-03-17, 09:55
psSAR1g [W/Kg]	0.264	0.266
psSAR10g [W/Kg]	0.152	0.122
Power Drift [dB]	-0.03	-0.05
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		31.5
Dist 3dB Peak [mm]		9.4



Measurement Report for Device, BACK, Band 66, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:High AntennaCfg:SISO, Channel 132572 (1770.000 MHz)

Device Under Test Properties

Model	Dimensions [mm]
Device	55.0 x 35.0 x 20.0

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, Head Simulating Liquid	BACK, 5.00	Band 66	LTE-FDD, 10169-CAF	1770.000, 132572	8.05	1.39	40.4

Hardware Setup

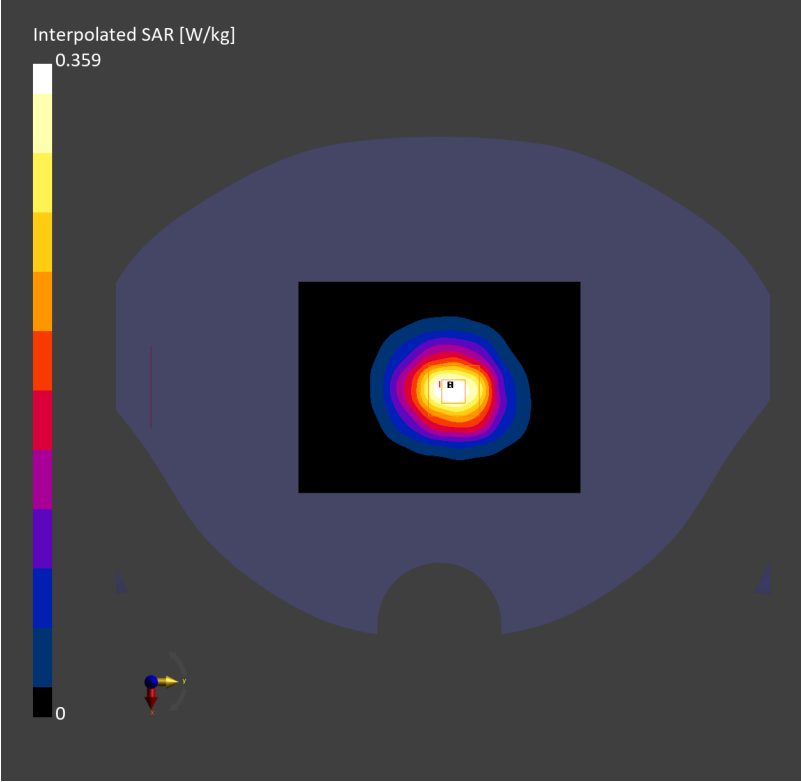
Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2168	HSL1750	EX3DV4 – SN7812, 2026-01-19	DAE4 Sn799, 2026-02-26

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 100.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.5
MAIA	N/A	N/A
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2026-03-24, 10:05	2026-03-24, 10:09
psSAR1g [W/Kg]	0.301	0.332
psSAR10g [W/Kg]	0.169	0.189
Power Drift [dB]	-0.12	0.03
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		62.5
Dist 3dB Peak [mm]		14.4



Measurement Report for Device, BACK, Band 41, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 39750 (2506.000 MHz)

Device Under Test Properties

Model	Dimensions [mm]
Device	55.0 x 35.0 x 20.0

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, Head Simulating Liquid	BACK, 5.00	Band 41	LTE-TDD, 10435-AAG	2506.000, 39750	7.06	1.88	39.0

Hardware Setup

Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V8.0 (30deg probe tilt) – 2168	HSL2600	EX3DV4 – SN7812, 2026-01-19	DAE4ip Sn1846, 2026-01-07

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 100.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
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	2026-03-06, 16:44	2026-03-06, 16:50
psSAR1g [W/Kg]	0.040	0.046
psSAR10g [W/Kg]	0.020	0.023
Power Drift [dB]	-0.04	-0.08
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		41.7
Dist 3dB Peak [mm]		8.6

