

#01_WLAN6GHz_802.11ax-HE160 MCS0_Face-Worn_0mm_Ch15

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	150.0 x 180.0 x 65.0		Other

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Headstand, HSL	DEFAULT, 0.00	U-NII-5	WLAN, 10755-AAC	6025.000, 15	5.51	5.38	35.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
SAM-HeadStand V10.0 - 1112	HSL_6G, 2025-Jun-02	EX3DV4 - SN7590, 2025-03-19	DAE4 Sn1707, 2024-12-04

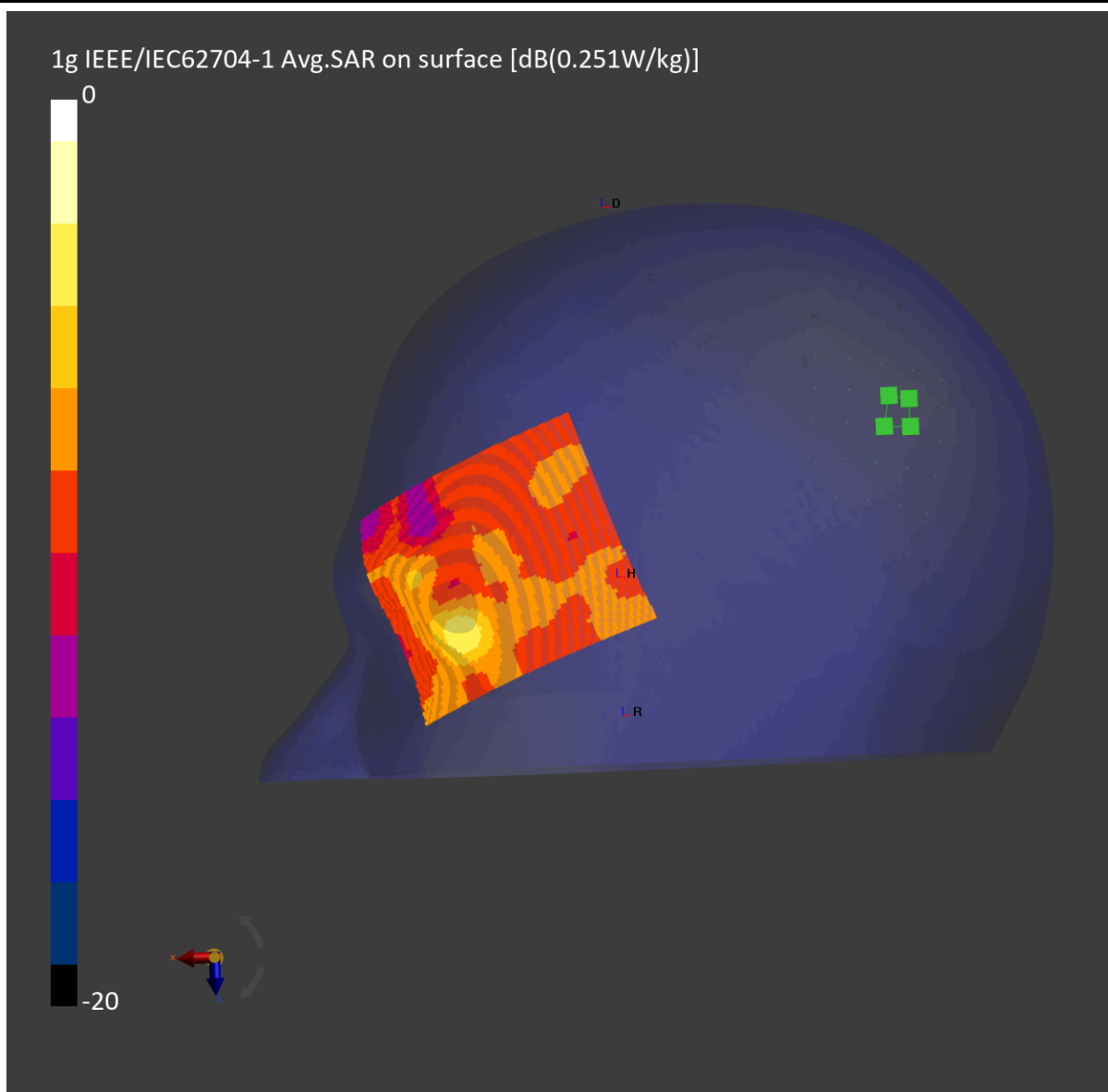
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	77.0 x 65.1	22.0 x 22.0 x 22.0
Grid Steps [mm]	5.0 x 5.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	3.0
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
Scan Method	Measured	Measured

SAR Pattern

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-06-02	2025-06-02
psSAR1g [W/Kg]	0.115	0.108
psSAR10g [W/Kg]	0.041	0.027
Power Drift [dB]	0.12	0.06
psAPD (1.0cm2, sq)[W/m2]		0.641
psAPD (4.0cm2, sq)[W/m2]		0.481



#02_WLAN6GHz_802.11ax-HE160 MCS0_Rest-on-Head_0mm_Ch15

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	150.0 x 180.0 x 65.0		Other

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Headstand, HSL	DEFAULT, 0.00	U-NII-5	WLAN, 10755-AAC	6025.000, 15	5.51	5.38	35.7

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
SAM-HeadStand V10.0 - 1112	HSL_6G, 2025-Jun-02	EX3DV4 - SN7590, 2025-03-19	DAE4 Sn1707, 2024-12-04

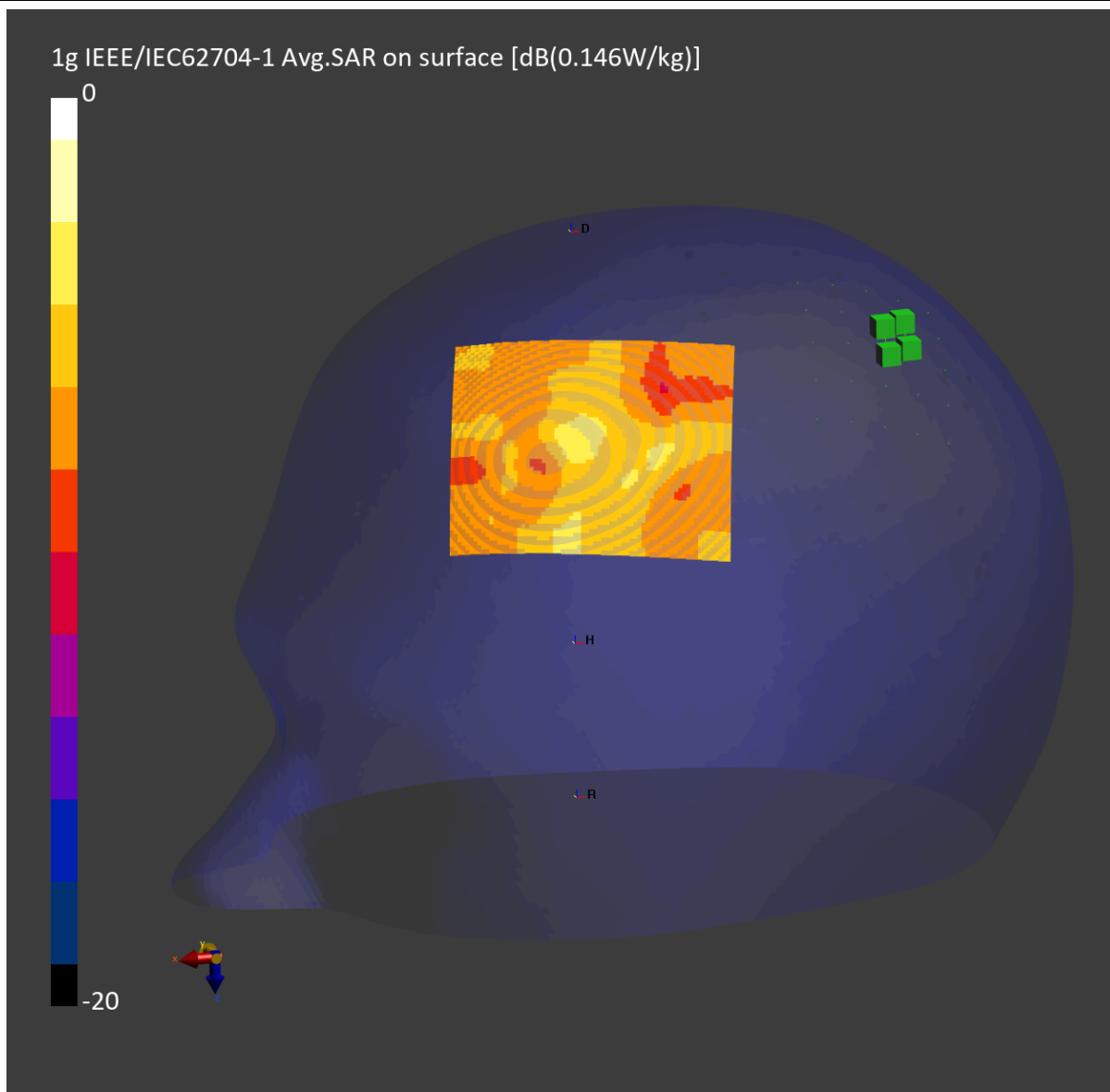
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	70.6 x 55.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	5.0 x 5.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	3.0
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
Scan Method	Measured	Measured

SAR Pattern

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-06-02	2025-06-02
psSAR1g [W/Kg]	0.063	0.096
psSAR10g [W/Kg]	0.032	0.026
Power Drift [dB]	0.02	-0.12
psAPD (1.0cm2, sq) [W/m2]		0.961
psAPD (4.0cm2, sq) [W/m2]		0.603



Date: 2025-06-04

#03_WLAN6GHz_802.11ax-HE160 MCS0_Back_0mm_Ch111

Communication System: IEEE 802.11ax; Frequency: 6505.000 MHz

Medium: HSL_6G_250604 Medium parameters used: $f = 6505.000$ MHz; $\sigma = 5.94$ S/m; $\epsilon_r = 34.2$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.51, 5.31, 5.21); Calibrated: 2025-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2024-12-04
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10755-AAC

Area Scan (102.0 mm x 102.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.237 W/kg; SAR (10g) = 0.077 W/kg;

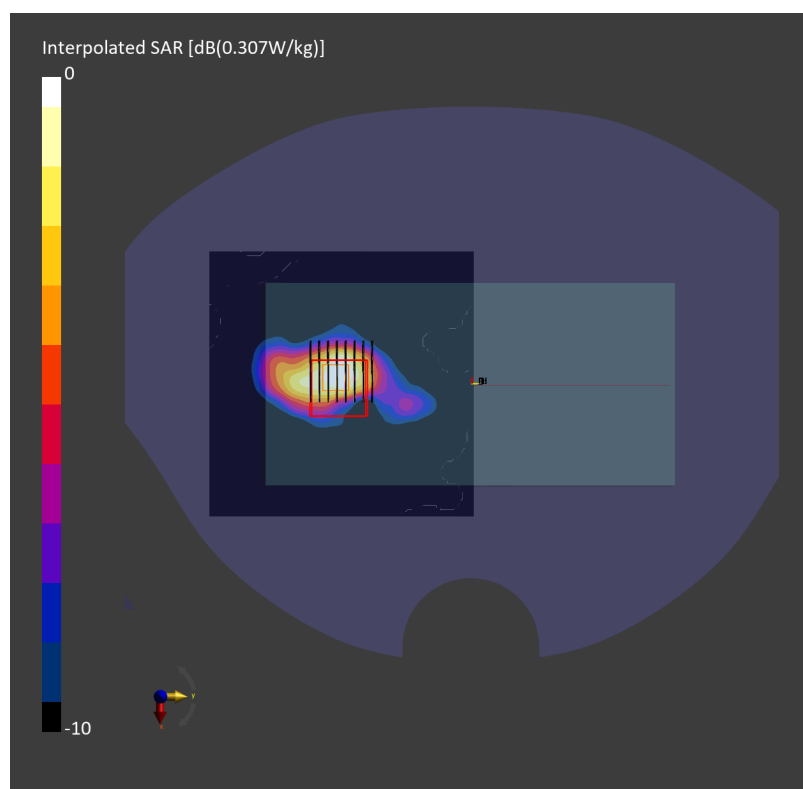
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.15 dB

SAR (1g) = 0.267 W/kg; SAR (8g) = 0.070 W/kg; SAR (10g) = 0.058 W/kg

Smallest distance from peaks to all points 3 dB below = 2.8 mm

Ratio of SAR at M2 to SAR at M1 = 50.0 %

psAPD (1.0cm², sq) = 2.67 [W/m²]; psAPD (4.0cm², sq) = 1.40 [W/m²]

Date: 2025-06-04

#04_WLAN6GHz_802.11ax-HE160 MCS0_Front_5mm_Ch207

Communication System: IEEE 802.11ax ; Frequency: 6985.000 MHz

Medium: HSL_6G_250604 Medium parameters used: $f = 6985.000$ MHz; $\sigma = 6.48$ S/m; $\epsilon_r = 33.6$

Ambient Temperature: 23.5°C; Liquid Temperature: 22.5°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.51, 5.31, 5.21); Calibrated: 2025-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2024-12-04
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10755-AAC

Area Scan (102.0 mm x 102.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.491 W/kg; SAR (10g) = 0.134 W/kg;

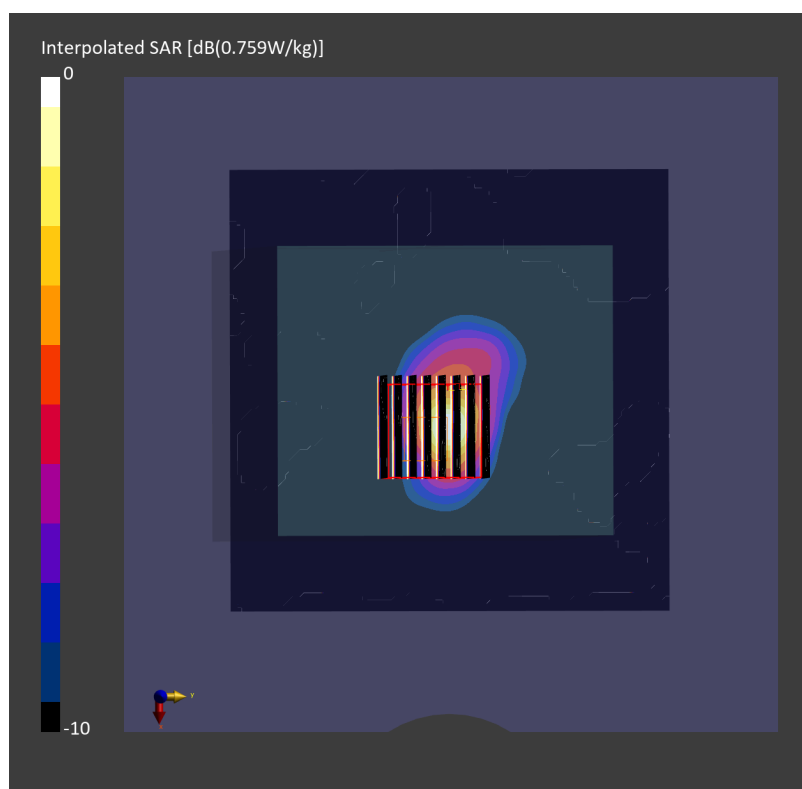
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.04 dB

SAR (1g) = 0.533 W/kg; SAR (8g) = 0.224 W/kg; SAR (10g) = 0.201 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 56.0 %

psAPD (1.0cm², sq) = 5.33 [W/m²]; psAPD (4.0cm², sq) = 4.48 [W/m²]

Date: 2025-06-08

#05_WLAN6GHz_802.11ax-HE160 MCS0_Front Edge_5mm_Ch15

Communication System: IEEE 802.11ax; Frequency: 6025.000 MHz

Medium: HSL_6G_250608 Medium parameters used: $f = 6025.000$ MHz; $\sigma = 5.43$ S/m; $\epsilon_r = 36.0$

Ambient Temperature: 23.8°C; Liquid Temperature: 22.8°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.51, 5.31, 5.21); Calibrated: 2025-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2024-12-04
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10755-AAC

Area Scan (119.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.116 W/kg; SAR (10g) = 0.045 W/kg;

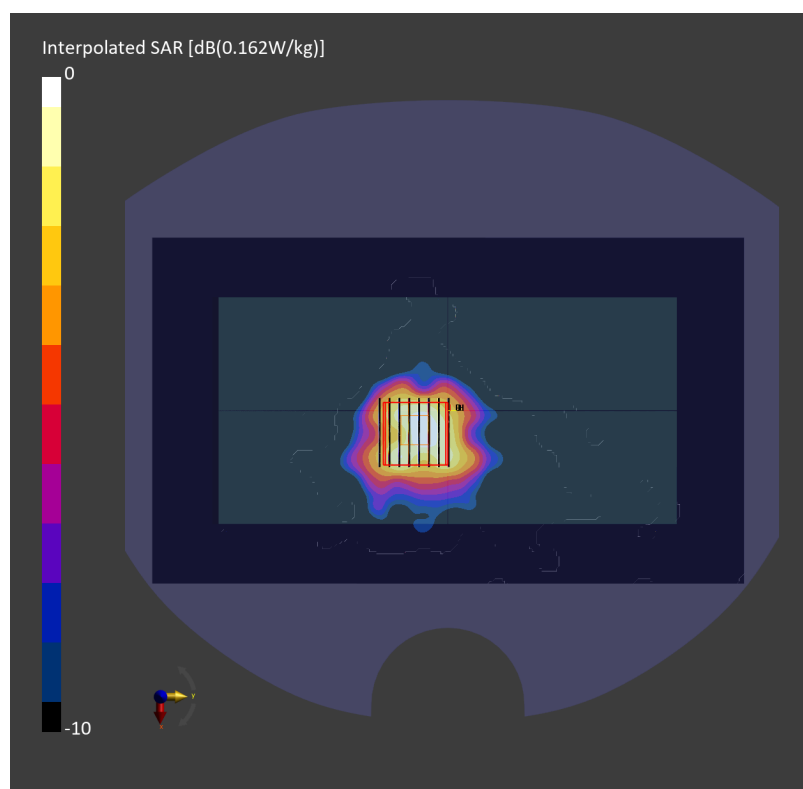
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.05 dB

SAR (1g) = 0.108 W/kg; SAR (8g) = 0.047 W/kg; SAR (10g) = 0.042 W/kg

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 34.6 %

psAPD (1.0cm², sq) = 1.08 [W/m²]; psAPD (4.0cm², sq) = 0.939 [W/m²]

Date: 2025-06-06

#06_WLAN6GHz_802.11ax-HE160 MCS0_Front Edge_0mm_Ch175

Communication System: IEEE 802.11ax; Frequency: 6825.000 MHz

Medium: HSL_6G_250606 Medium parameters used: $f = 6825.000$ MHz; $\sigma = 6.27$ S/m; $\epsilon_r = 33.7$

Ambient Temperature: 23.4°C; Liquid Temperature: 22.4°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.51, 5.31, 5.21); Calibrated: 2025-03-19
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1707; Calibrated: 2024-12-04
- Phantom: Twin-SAM V4.0 (30deg probe tilt); Serial: 1488; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10755-AAC

Area Scan (102.0 mm x 153.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.172 W/kg; SAR (10g) = 0.052 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.09 dB

SAR (1g) = 0.119 W/kg; SAR (8g) = 0.046 W/kg; SAR (10g) = 0.041 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 54.3 %

psAPD (1.0cm², sq) = 1.19 [W/m²]; psAPD (4.0cm², sq) = 0.930 [W/m²]