

#01_WLAN6GHz_802.11ax-HE160 MCS0_Face Worn_Ch15

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
472626,	158.2 x 77.9 x 8.0		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
Facedown, HSL	DEFAULT, 0.00	U-NII-5	WLAN, 10755-AAC	6025.000, 15	5.09	5.54	36.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
SAM-FaceDown V10.0 – 1022	HSL_6G, 2025-Feb-13	EX3DV4 – SN7822, 2024-09-03	DAE4ip Sn1823, 2024-07-15

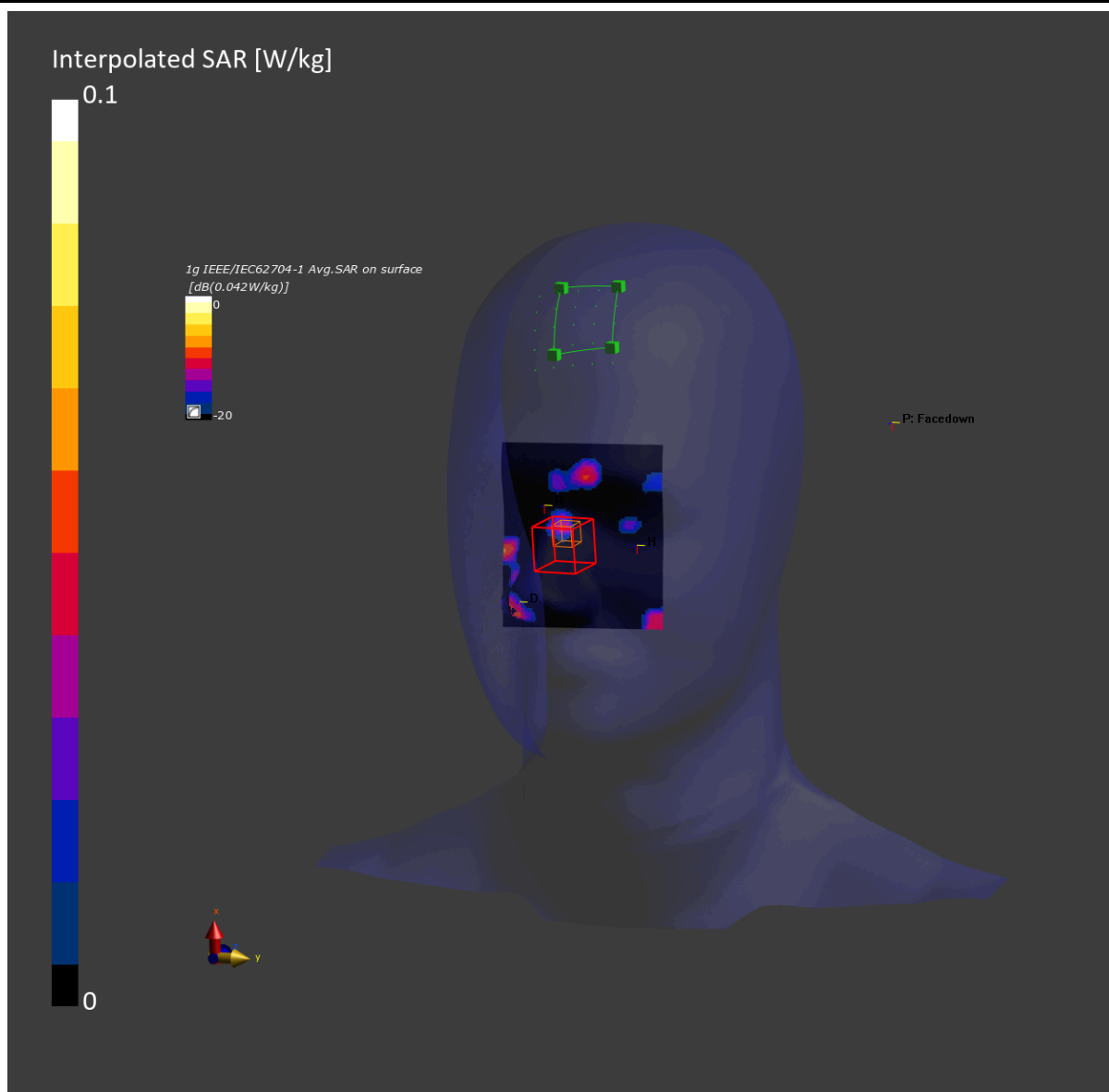
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	87.6 x 77.9	23.8 x 23.8 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	2025-02-13	2025-02-13
psSAR1g [W/Kg]	0.020	0.004
psSAR10g [W/Kg]	0.003	0.001
Power Drift [dB]	-0.08	0.04
psAPD (1.0cm2, sq) [W/m2]		0.044
psAPD (4.0cm2, sq) [W/m2]		0.032



#02_WLAN6GHz_802.11ax-HE160 MCS0_Rest-On-Head_Ch15

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
472626,	158.2 x 77.9 x 8.0		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	5.09	5.54	36.2

Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
SAM-HeadStand V10.0 - 1112	HSL_6G , 2025-Feb-13	EX3DV4 - SN7822, 2024-09-03	DAE4ip Sn1823, 2024-07-15

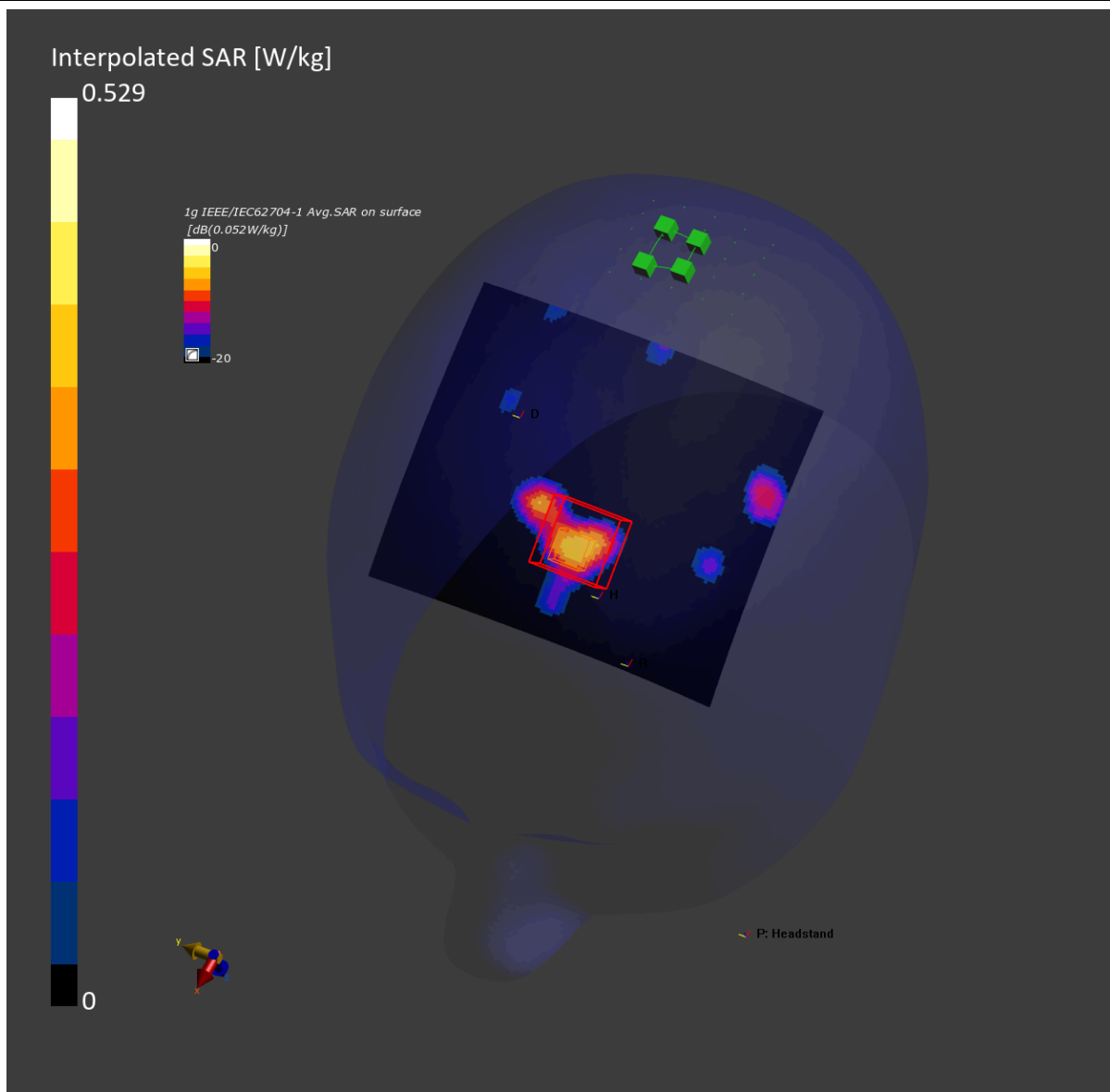
Scans Setup

	FastVolume Scan	Zoom Scan
Grid Extents [mm]	109.2 x 95.1	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	1.4
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
Scan Method	Measured	Measured

SAR Pattern

Measurement Results

	FastVolume Scan	Zoom Scan
Date	2025-02-13	2025-02-13
psSAR1g [W/Kg]	0.029	0.038
psSAR10g [W/Kg]	0.009	0.005
Power Drift [dB]	-0.12	-0.14
psAPD (1.0cm2, sq) [W/m2]		0.379
psAPD (4.0cm2, sq) [W/m2]		0.164



Date: 2025-02-09

#03_WLAN6GHz_802.11ax-HE160 MCS0_Back_0mm_Ch15

Communication System: 802.11ax; Frequency: 6025.000 MHz

Medium: HSL_6G_250209 Medium parameters used: $f = 6025.000$ MHz; $\sigma = 5.57$ S/m; $\epsilon_r = 36.4$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(5.09, 4.99, 5.29); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10755-AAC

Area Scan (85.0 mm x 102.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.008 W/kg; SAR (10g) = 0.003 W/kg;

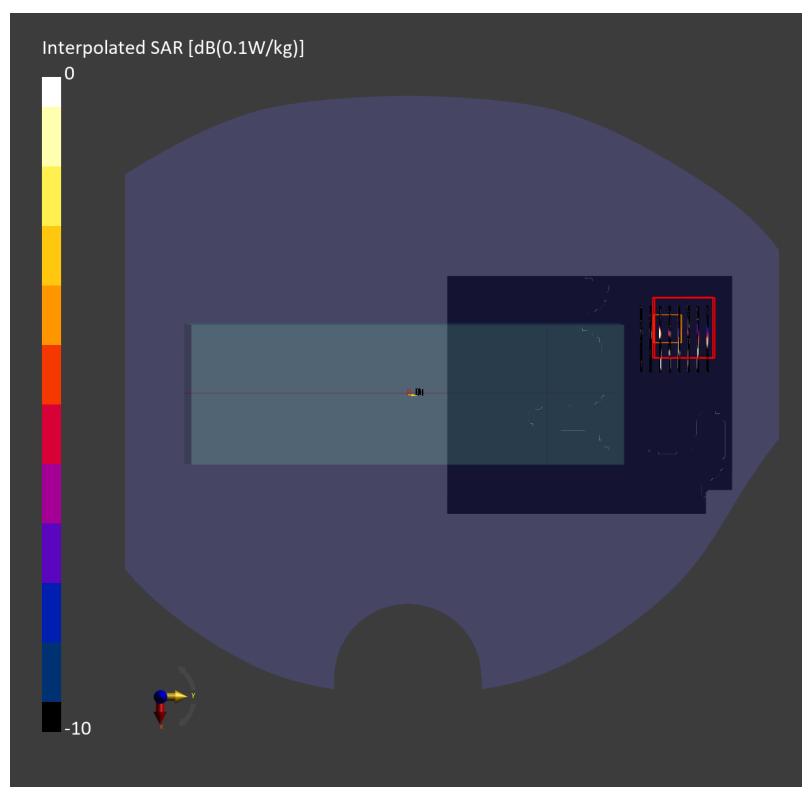
Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.10 dB

SAR (1g) = 0.026 W/kg; SAR (8g) = 0.009 W/kg; SAR (10g) = 0.007 W/kg

Smallest distance from peaks to all points 3 dB below = 4.9 mm

Ratio of SAR at M2 to SAR at M1 = 63.6 %

psAPD (1.0cm², sq) = 0.265 [W/m²]; psAPD (4.0cm², sq) = 0.172 [W/m²]

Date: 2025-02-09

#04_WLAN6GHz_802.11ax-HE160 MCS0_Front_5mm_Ch15

Communication System: 802.11ax; Frequency: 6025.000 MHz

Medium: HSL_6G_250209 Medium parameters used: $f = 6025.000$ MHz; $\sigma = 5.57$ S/m; $\epsilon_r = 36.4$

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

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(5.09, 4.99, 5.29); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2149; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10683-AAC

Area Scan (102.0 mm x 136.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.10 W/kg; SAR (10g) = 0.033 W/kg;

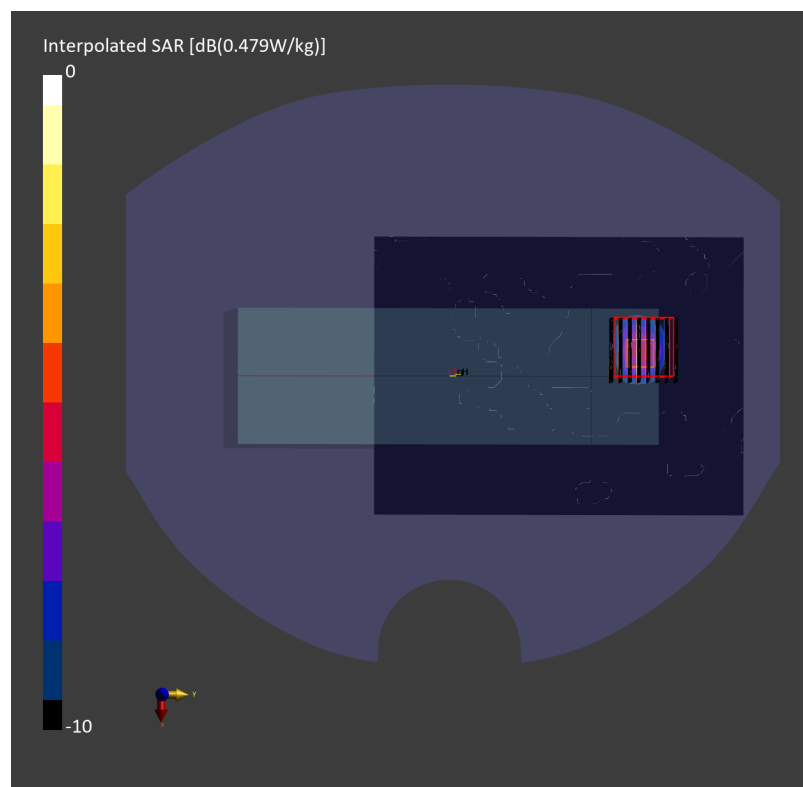
Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.12 dB

SAR (1g) = 0.109 W/kg; SAR (8g) = 0.040 W/kg; SAR (10g) = 0.035 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 54.0 %

psAPD (1.0cm², sq) = 1.09 [W/m²]; psAPD (4.0cm², sq) = 0.808 [W/m²]

Date: 2025-03-16

#05_WLAN6GHz_802.11ax-HE160 MCS0_Front edge_5mm_Ch15

Communication System: 802.11ax; Frequency: 6025.000 MHz

Medium: HSL_6G_250316 Medium parameters used: $f = 6025.000$ MHz; $\sigma = 5.63$ S/m; $\epsilon_r = 35.3$

Ambient Temperature: 23.2°C; Liquid Temperature: 22.2°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(5.09, 4.99, 5.29); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; Section: Flat
- Measurement Software: 16.2.4.2524
- UID: WLAN, 10755-AAC

Area Scan (102.0 mm x 187.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

SAR (1g) = 0.038 W/kg; SAR (10g) = 0.016 W/kg;

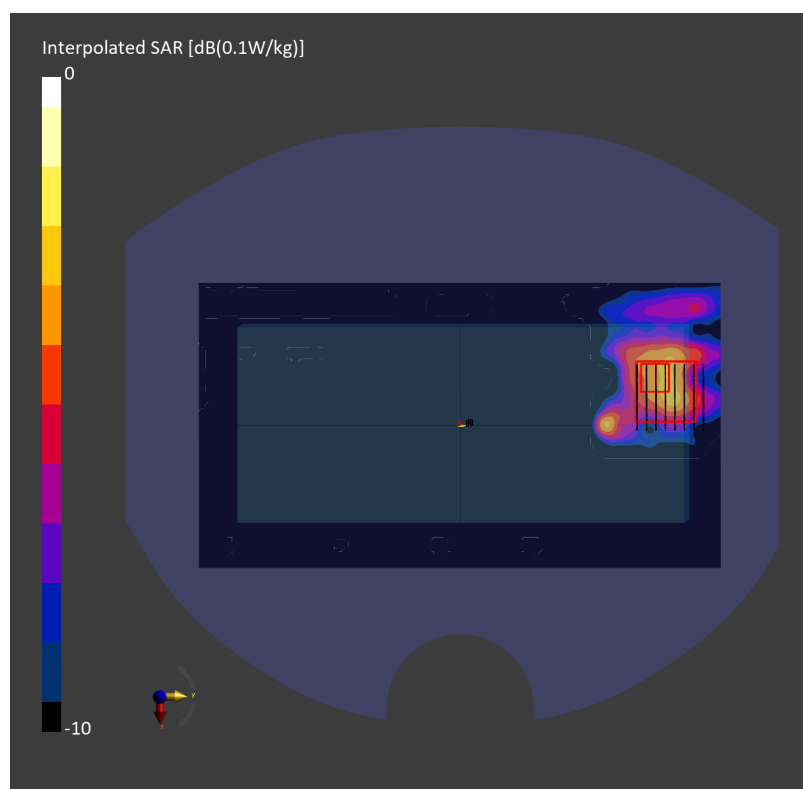
Zoom Scan (23.8 mm x 23.8 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.18 dB

SAR (1g) = 0.016 W/kg; SAR (8g) = 0.004 W/kg; SAR (10g) = 0.004 W/kg

Smallest distance from peaks to all points 3 dB below = 5.9 mm

Ratio of SAR at M2 to SAR at M1 = 67.0 %

psAPD (1.0cm², sq) = 0.156 [W/m²]; psAPD (4.0cm², sq) = 0.086 [W/m²]

Date: 2025-03-25

#06_WLAN6GHz_802.11ax-HE160 MCS0_Left edge_0mm_Ch15

Communication System: 802.11ax; Frequency: 6025.000 MHz

Medium: HSL_6G_250325 Medium parameters used: $f = 6025.000$ MHz; $\sigma = 5.66$ S/m; $\epsilon_r = 35.4$

Ambient Temperature: 23.6°C; Liquid Temperature: 22.6°C

DASY8 Configuration:

- Probe: EX3DV4 - SN7822; ConvF(5.09, 4.99, 5.29); Calibrated: 2024-09-03
- Sensor-Surface: 1.4 mm
- Electronics: DAE4ip Sn1823; Calibrated: 2024-07-15
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2055; 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) = 0.061 W/kg; SAR (10g) = 0.017 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 = -0.12 dB

SAR (1g) = 0.057 W/kg; SAR (8g) = 0.020 W/kg; SAR (10g) = 0.017 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 64.7 %

psAPD (1.0cm², sq) = 0.573 [W/m²]; psAPD (4.0cm², sq) = 0.401 [W/m²]