

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5750 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 71.84 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 31.7 W/kg

SAR(1 g) = 8.08 W/kg; SAR(10 g) = 2.3 W/kg

Smallest distance from peaks to all points 3 dB below = 7.5 mm

Ratio of SAR at M2 to SAR at M1 = 66%

Maximum value of SAR (measured) = 19.4 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5850 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 70.98 V/m; Power Drift = 0.09 dB

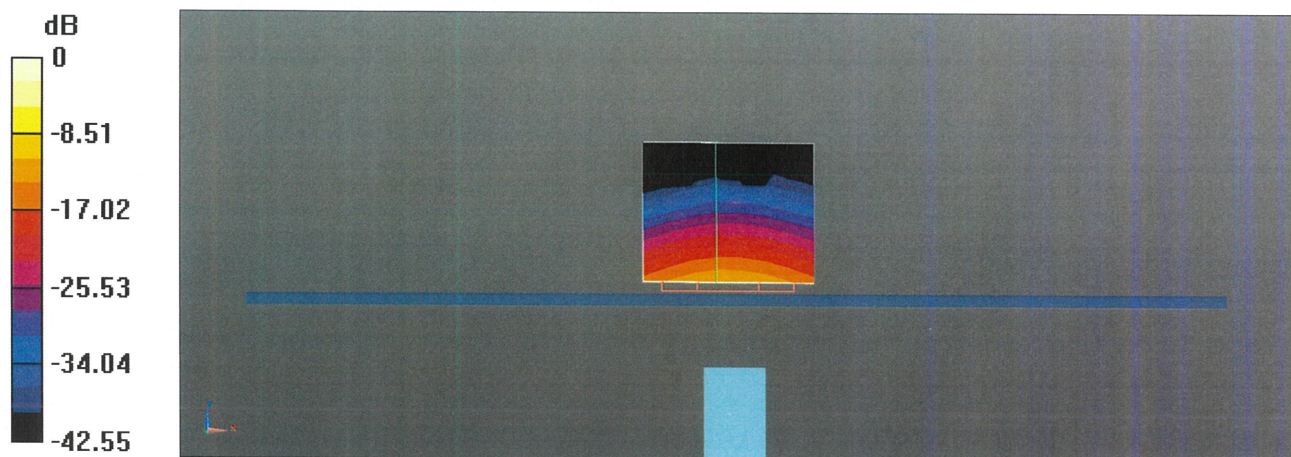
Peak SAR (extrapolated) = 32.2 W/kg

SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.25 W/kg

Smallest distance from peaks to all points 3 dB below = 7.5 mm

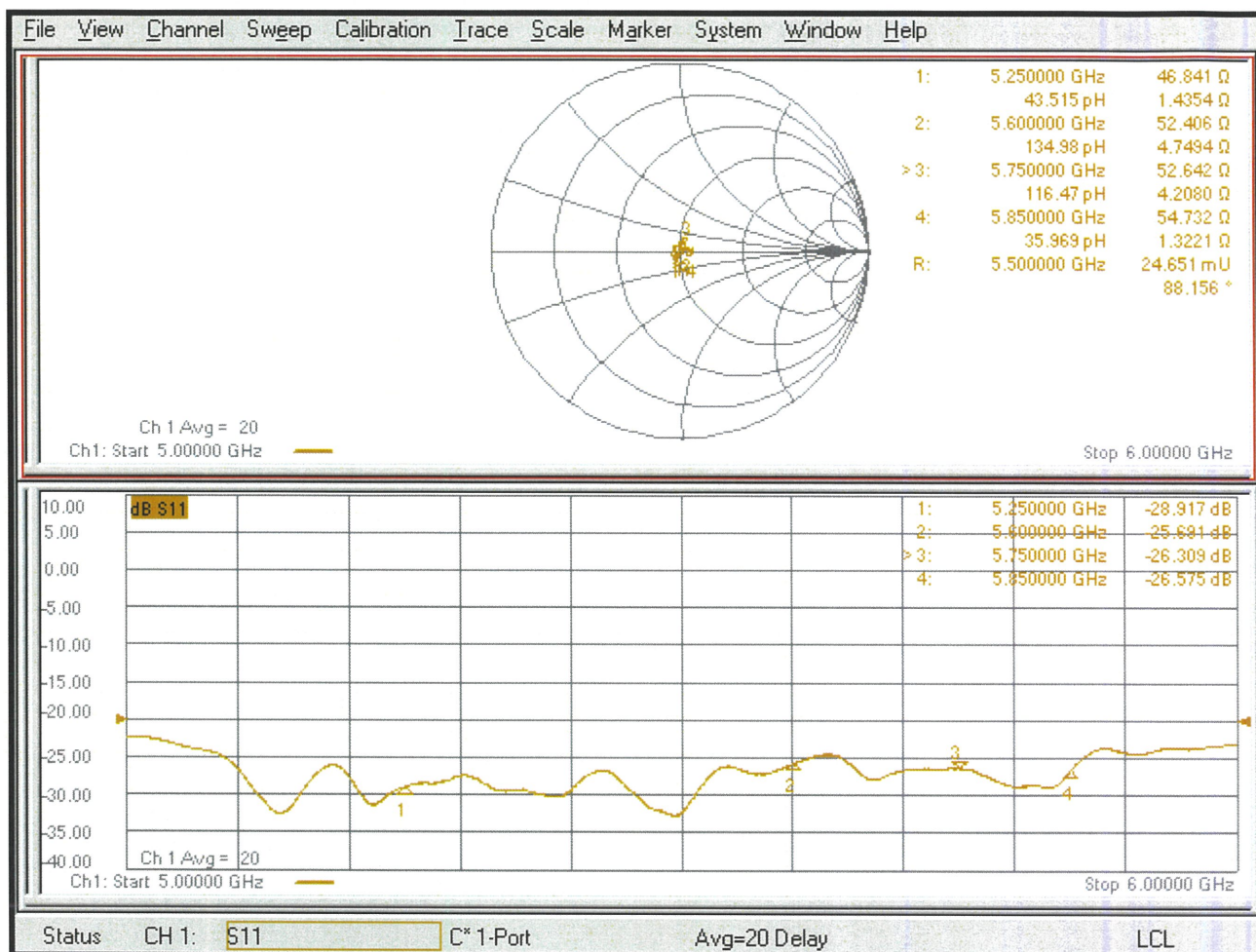
Ratio of SAR at M2 to SAR at M1 = 65.2%

Maximum value of SAR (measured) = 19.3 W/kg



0 dB = 19.3 W/kg = 12.85 dBW/kg

Impedance Measurement Plot for Head TSL



D5GHzV2, Serial No. 1349 Extended Dipole Calibrations

Per standard guidance, dipoles longer calibration intervals of up to three years may be considered when it is demonstrated that the SAR target, impedance and return loss of a dipole have remained stable according to the following requirements:

- a. When the measured SAR deviates from the calibrated SAR value by less than 10%.
- b. When the most recent return loss result, measured at least annually, deviates by less than 20% from the previous measurement.
- c. When the most recent measurement of the impedance, measured at least annually, deviates by more than 5 Ω from the previous measurement.

RETURN LOSS

				TARGET	MEAS.	DEVIATION	EVALUATION	TEST DATE
Calibration By CCTL				(dB)	(dB)	(%)	(PASS/FAIL)	
TYPE	SN.	FREQ.	CAL. DATE					
D5GHzV2	1349	5250MHz	2024/03/19	-28.917	-31.164	7.77	PASS	2025/01/17
D5GHzV2	1349	5600MHz	2024/03/19	-25.691	-26.385	2.7	PASS	2025/01/17
D5GHzV2	1349	5750MHz	2024/03/19	-26.309	-27.583	4.84	PASS	2025/01/17
D5GHzV2	1349	5850MHz	2024/03/19	-26.575	-24.082	9.38	PASS	2025/01/17

IMPEDANCE

				TARGET	MEAS.	DEVIATION	EVALUATION	TEST DATE
Calibration By CCTL				(Ω)	(Ω)	(Ω)	(PASS/FAIL)	
TYPE	SN.	FREQ.	CAL. DATE					
D5GHzV2	1349	5250MHz	2024/03/19	46.841	51.782	4.941	PASS	2025/01/17
D5GHzV2	1349	5600MHz	2024/03/19	52.406	51.100	1.306	PASS	2025/01/17
D5GHzV2	1349	5750MHz	2024/03/19	52.642	48.393	4.249	PASS	2025/01/17
D5GHzV2	1349	5850MHz	2024/03/19	54.732	56.199	1.467	PASS	2025/01/17

SYSTEM CHECK

				TARGET		MEAS.		DEVIATION		EVALUATION	TEST DATE
Calibration By CCTL				1g SAR(W/kg)	10g SAR(W/kg)	1g SAR(W/kg)	10g SAR(W/kg)	1g (%)	10g (%)	(PASS/FAIL)	
TYPE	SN.	FREQ.	CAL. DATE								
D5GHzV2	1349	5250MHz	2024/03/19	8.09	2.32	7.7	2.35	4.83	1.3	PASS	2025/01/17
D5GHzV2	1349	5600MHz	2024/03/19	8.24	2.35	8.38	2.53	1.7	7.66	PASS	2025/01/17
D5GHzV2	1349	5750MHz	2024/03/19	8.08	2.3	7.93	2.4	1.86	4.35	PASS	2025/01/17
D5GHzV2	1349	5850MHz	2024/03/19	7.99	2.26	7.89	2.45	1.26	8.41	PASS	2025/01/17

Dipole Verification Data: D5GHzV2, Serial No. 1349

5250MHz – Head – 2025.01.17

5600MHz – Head – 2025.01.17

5750MHz – Head – 2025.01.17

5850MHz – Head – 2025.01.17

