Appendix B. System Performance Check

Tissue Calibration Result :

6.1.3

Frequency (MHz)	Liquid Temp	Measured Values (W/kg)		Target Values (W/kg)		Deviation[%]		Limit	Measured. Date
		σ	εr (e')	σ	εr (e')	1g	10g	%	
2450	22.2	1.860	40.665	1.8	39.2	3.33%	3.74%	±5%	2022/6/7
5250	22.3	4.692	35.578	4.71	35.95	-0.38%	-1.03%	±5%	2022/6/8
5600	22.4	5.104	34.886	5.07	35.5	0.67%	-1.73%	±5%	2022/6/8
5750	22.4	5.281	34.596	5.22	35.3	1.17%	-1.99%	±5%	2022/6/9

Result of System Performance Check :

6.1.7

Frequency (MHz)	Dipole S/N	Measured SAR Values (W/kg)		Target SAR Values (W/kg)		Deviation[%]		Limit	Measured. Date
		1g	10g	1g	10g	1g	10g	%	
2450	914	13.8	6.42	13	5.92	6.15%	8.45%	±10%	2022/6/7
5250	1156	7.34	2.05	7.64	2.18	-3.93%	-5.96%	±10%	2022/6/8
5600	1156	8.25	2.31	8.16	2.33	1.10%	-0.86%	±10%	2022/6/8
5750	1156	8.36	2.3	7.88	2.24	6.09%	2.68%	±10%	2022/6/9

System Check_Head_2450MHz Date: 2022/6/7

DUT: D2450V2; Serial: D2450V2 - SN:914

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1

Medium parameters used (interpolated): f = 2450 MHz; σ = 1.86 S/m; ε_r = 40.665; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3927; ConvF(7.75, 7.75, 7.75) @ 2450 MHz; Calibrated: 2021/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1379; Calibrated: 2021/7/19
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2450MHz/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 22.8 W/kg

2450MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 116.4 V/m; Power Drift = -0.04 dB

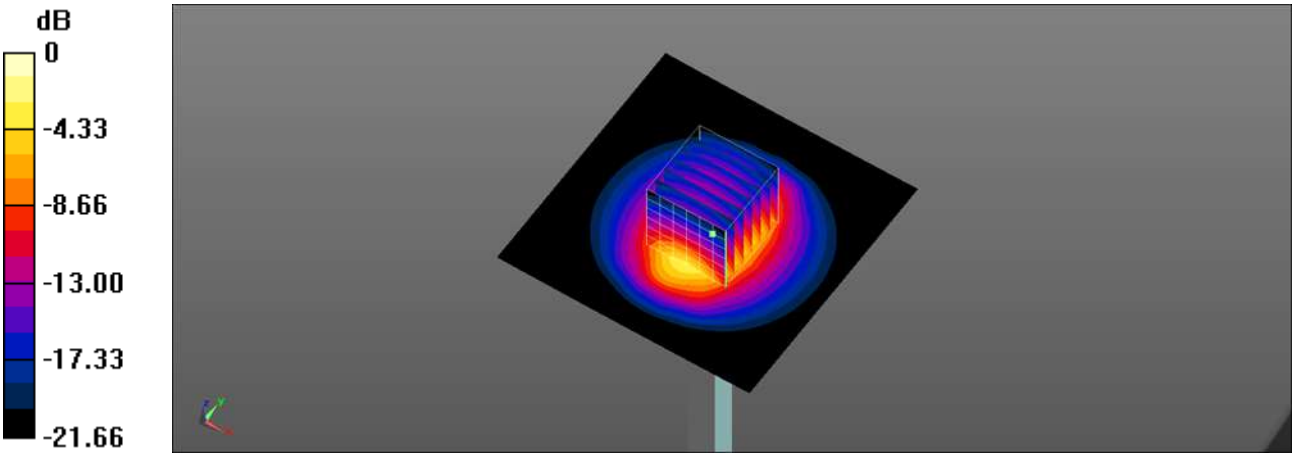
Peak SAR (extrapolated) = 28.9 W/kg

SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.42 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 48.1%

Maximum value of SAR (measured) = 23.2 W/kg



0 dB = 23.2 W/kg = 13.65 dBW/kg

System Check_Head_5250MHz Date: 2022/6/8

DUT: D5GHzV2; Serial: D5GHzV2 - SN:1156

Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1

Medium parameters used : f = 5250 MHz; σ = 4.692 S/m; ε_r = 35.578; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3927; ConvF(5.45, 5.45, 5.45) @ 5250 MHz; Calibrated: 2021/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1379; Calibrated: 2021/7/19
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

5250MHz/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 17.8 W/kg

5250MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 66.30 V/m; Power Drift = 0.08 dB

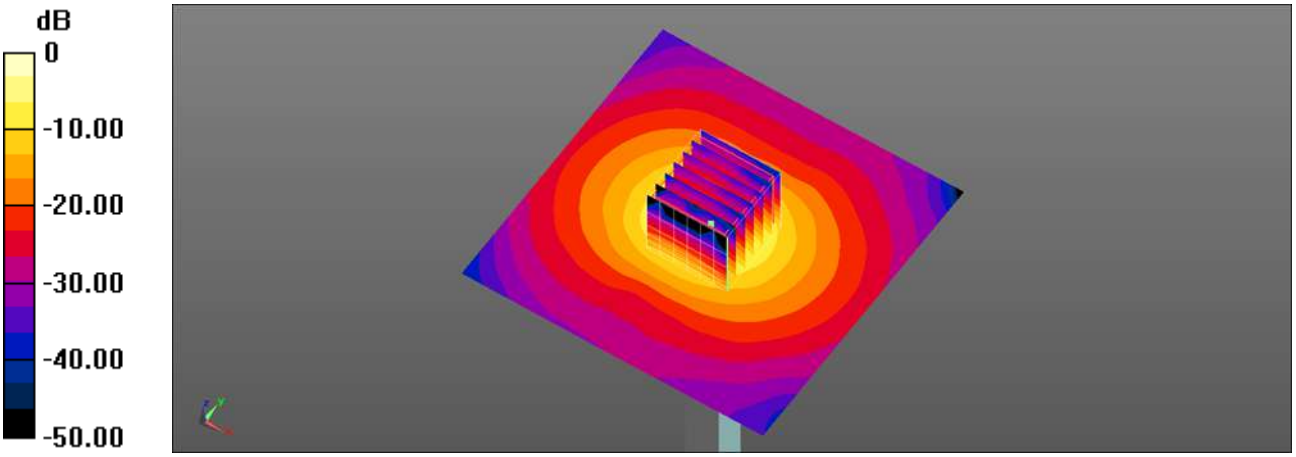
Peak SAR (extrapolated) = 30.0 W/kg

SAR(1 g) = 7.34 W/kg; SAR(10 g) = 2.05 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 64.6%

Maximum value of SAR (measured) = 17.7 W/kg



0 dB = 17.7 W/kg = 12.48 dBW/kg

System Check_Head_5600MHz Date: 2022/6/8

DUT: D5GHzV2; Serial: D5GHzV2 - SN:1156

Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5600 MHz; σ = 5.104 S/m; ε_r = 34.886; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3753; ConvF(4.42, 4.42, 4.42) @ 5600 MHz; Calibrated: 2021/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1379; Calibrated: 2021/7/19
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

5600MHz/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 20.6 W/kg

5600MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 71.20 V/m; Power Drift = -0.14 dB

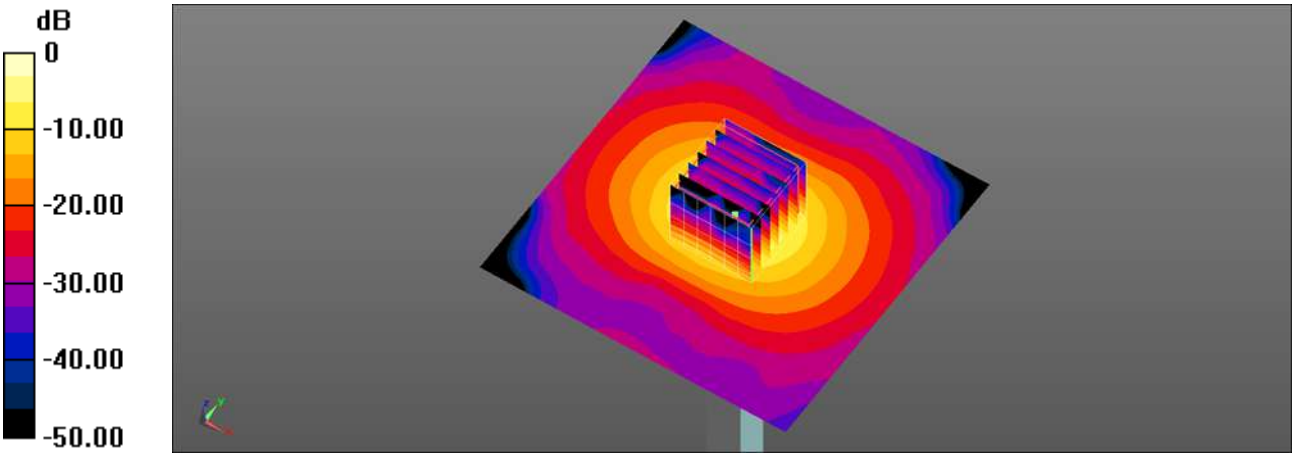
Peak SAR (extrapolated) = 36.9 W/kg

SAR(1 g) = 8.25 W/kg; SAR(10 g) = 2.31 W/kg

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

Ratio of SAR at M2 to SAR at M1 = 61.8%

Maximum value of SAR (measured) = 20.5 W/kg



0 dB = 20.5 W/kg = 13.12 dBW/kg

System Check_Head_5750MHz Date: 2022/6/8

DUT: D5GHzV2; Serial: D5GHzV2 - SN:1156

Communication System: CW ; Frequency: 5750 MHz;Duty Cycle: 1:1

Medium parameters used: f = 5750 MHz; σ = 5.281 S/m; ε_r = 34.596; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3927; ConvF(4.98, 4.98, 4.98) @ 5750 MHz; Calibrated: 2021/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1379; Calibrated: 2021/7/19
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

5750MHz/Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 20.6 W/kg

5750MHz/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 68.65 V/m; Power Drift = -0.11 dB

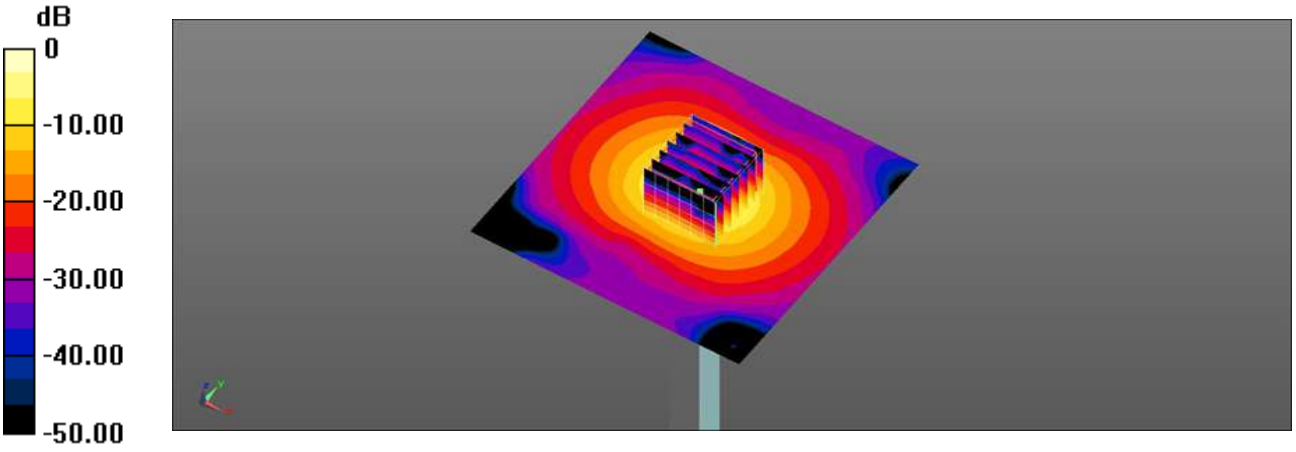
Peak SAR (extrapolated) = 36.7 W/kg

SAR(1 g) = 8.36 W/kg; SAR(10 g) = 2.3 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 62.1%

Maximum value of SAR (measured) = 21.5 W/kg



0 dB = 21.5 W/kg = 13.32 dBW/kg

Appendix C. Measured Conducted Power

WLAN 2.4G:

Data Rate	Modulation Mode	Channel	Frequency (MHz)	Conducted(average) output power		Total AV power (dBm)	Avg Target power (dBm)
				ANT A	ANT B		
1	11b	1	2412	**13.49**	**13.47**	16.49	16.50
		6	2437	13.29	13.26	16.29	16.50
		11	2462	13.19	13.35	16.28	16.50
6	11g	1	2412	13.47	13.30	16.40	16.50
		6	2437	13.48	13.38	16.44	16.50
		11	2462	13.34	13.46	16.41	16.50
MCS0	11n HT20	1	2412	13.31	13.21	16.27	16.50
		6	2437	13.35	13.40	16.39	16.50
		11	2462	13.37	13.36	16.38	16.50
MCS0	11n HT40	3	2422	12.90	13.24	16.08	16.50
		6	2437	13.01	13.06	16.05	16.50
		9	2452	12.91	13.17	16.05	16.50
NSS1-MCS0	11ac VHT20	1	2412	13.34	13.26	16.31	16.50
		6	2437	13.38	13.43	16.42	16.50
		11	2462	13.41	13.38	16.41	16.50
NSS1-MCS0	11ac VHT40	3	2422	12.93	13.27	16.11	16.50
		6	2437	13.04	13.11	16.09	16.50
		9	2452	12.95	13.21	16.09	16.50
NSS1-MCS0	11ax HE20	1	2412	13.35	13.28	16.33	16.50
		6	2437	13.42	13.44	16.44	16.50
		11	2462	13.44	13.46	16.46	16.50
NSS1-MCS0	11ax HE40	3	2422	13.07	13.43	16.26	16.50
		6	2437	13.14	13.26	16.21	16.50
		9	2452	13.08	13.36	16.23	16.50

WLAN 5G:

Modulation Mode	Data Rate	Channel	Frequency (MHz)	Conducted(average) output power		Total power (dBm)	Target power (dBm)
				ANT A	ANT B		
11a	6 Mbps	36	5180	13.45	13.46	16.47	16.50
11a	6 Mbps	40	5200	13.35	13.48	16.43	16.50
11a	6 Mbps	48	5240	13.43	13.44	16.45	16.50
11n HT20	MCS 0	36	5180	13.24	13.38	16.32	16.50
11n HT20	MCS 0	40	5200	13.24	13.36	16.31	16.50
11n HT20	MCS 0	48	5240	13.32	13.37	16.36	16.50
11n HT40	MCS 0	38	5190	12.87	13.25	16.07	16.50
11n HT40	MCS 0	46	5230	12.95	13.34	16.16	16.50
11ac VHT20	NSS1-MCS0	36	5180	13.26	13.39	16.34	16.50
11ac VHT20	NSS1-MCS0	40	5200	13.25	13.37	16.32	16.50
11ac VHT20	NSS1-MCS0	48	5240	13.33	13.39	16.37	16.50
11ac VHT40	NSS1-MCS0	38	5190	12.89	13.26	16.09	16.50
11ac VHT40	NSS1-MCS0	46	5230	12.97	13.36	16.18	16.50
11ac VHT80	NSS1-MCS0	42	5210	13.04	13.02	16.04	16.50
11ax HE20	NSS1-MCS0	36	5180	13.32	13.41	16.38	16.50
11ax HE20	NSS1-MCS0	40	5200	13.32	13.47	16.41	16.50
11ax HE20	NSS1-MCS0	48	5240	13.34	13.45	16.41	16.50
11ax HE40	NSS1-MCS0	38	5190	13.00	13.33	16.18	16.50
11ax HE40	NSS1-MCS0	46	5230	13.09	13.41	16.26	16.50
11ax HE80	NSS1-MCS0	42	5210	13.15	13.21	16.19	16.50
11a	6 Mbps	52	5260	13.50	13.46	16.49	16.50
11a	6 Mbps	60	5300	13.36	13.27	16.33	16.50
11a	6 Mbps	64	5320	13.47	13.36	16.43	16.50
11n HT20	MCS 0	52	5260	13.29	13.13	16.22	16.50
11n HT20	MCS 0	60	5300	13.15	13.20	16.19	16.50
11n HT20	MCS 0	64	5320	13.28	13.22	16.26	16.50
11n HT40	MCS 0	54	5270	13.30	13.15	16.24	16.50
11n HT40	MCS 0	62	5310	13.43	13.23	16.34	16.50
11ac VHT20	NSS1-MCS0	52	5260	13.32	13.14	16.24	16.50
11ac VHT20	NSS1-MCS0	60	5300	13.16	13.21	16.20	16.50
11ac VHT20	NSS1-MCS0	64	5320	13.34	13.23	16.30	16.50
11ac VHT40	NSS1-MCS0	54	5270	13.31	13.27	16.30	16.50
11ac VHT40	NSS1-MCS0	62	5310	13.45	13.29	16.38	16.50
11ac VHT80	NSS1-MCS0	58	5290	13.11	13.34	16.24	16.50
11ax HE20	NSS1-MCS0	52	5260	13.35	13.33	16.35	16.50
11ax HE20	NSS1-MCS0	60	5300	13.35	13.24	16.31	16.50
11ax HE20	NSS1-MCS0	64	5320	13.38	13.25	16.33	16.50
11ax HE40	NSS1-MCS0	54	5270	13.34	13.45	16.41	16.50
11ax HE40	NSS1-MCS0	62	5310	13.46	13.38	16.43	16.50
11ax HE80	NSS1-MCS0	58	5290	13.33	13.43	16.39	16.50

Modulation Mode	Data Rate	Channel	Frequency (MHz)	Conducted(average) output power		Total power (dBm)	Target power (dBm)
				ANT A	ANT B		
11a	6 Mbps	100	5500	13.46	13.47	16.48	16.50
11a	6 Mbps	116	5580	13.50	13.44	16.48	16.50
11a	6 Mbps	140	5700	13.43	13.49	16.47	16.50
11n HT20	MCS 0	100	5500	13.23	13.29	16.27	16.50
11n HT20	MCS 0	116	5580	13.03	13.29	16.17	16.50
11n HT20	MCS 0	140	5700	13.21	13.39	16.31	16.50
11n HT40	MCS 0	102	5510	13.09	13.21	16.16	16.50
11n HT40	MCS 0	110	5550	13.10	13.25	16.19	16.50
11n HT40	MCS 0	134	5670	12.86	13.31	16.10	16.50
11ac VHT20	NSS1-MCS0	100	5500	13.35	13.30	16.34	16.50
11ac VHT20	NSS1-MCS0	116	5580	13.17	13.35	16.27	16.50
11ac VHT20	NSS1-MCS0	140	5700	13.42	13.41	16.43	16.50
11ac VHT40	NSS1-MCS0	102	5510	13.19	13.25	16.23	16.50
11ac VHT40	NSS1-MCS0	110	5550	13.21	13.27	16.25	16.50
11ac VHT40	NSS1-MCS0	134	5670	12.89	13.38	16.15	16.50
11ac VHT80	NSS1-MCS0	106	5530	13.38	13.43	16.42	16.50
11ac VHT80	NSS1-MCS0	122	5610	13.13	13.32	16.24	16.50
11ax HE20	NSS1-MCS0	100	5500	13.36	13.35	16.37	16.50
11ax HE20	NSS1-MCS0	116	5580	13.46	13.36	16.42	16.50
11ax HE20	NSS1-MCS0	140	5700	13.43	13.42	16.44	16.50
11ax HE40	NSS1-MCS0	102	5510	13.34	13.26	16.31	16.50
11ax HE40	NSS1-MCS0	110	5550	13.40	13.29	16.36	16.50
11ax HE40	NSS1-MCS0	134	5670	13.00	13.41	16.22	16.50
11ax HE80	NSS1-MCS0	106	5530	13.39	13.46	16.44	16.50
11ax HE80	NSS1-MCS0	122	5610	13.15	13.34	16.26	16.50
11a	6 Mbps	149	5745	13.46	13.47	16.48	16.50
11a	6 Mbps	157	5785	13.06	13.49	16.29	16.50
11a	6 Mbps	165	5825	13.36	13.48	16.43	16.50
11n HT20	MCS 0	149	5745	13.30	13.27	16.30	16.50
11n HT20	MCS 0	157	5785	13.29	12.96	16.14	16.50
11n HT20	MCS 0	165	5825	13.19	13.17	16.19	16.50
11n HT40	MCS 0	151	5755	13.25	13.12	16.20	16.50
11n HT40	MCS 0	159	5795	13.41	12.89	16.17	16.50
11ac VHT20	NSS1-MCS0	149	5745	13.31	13.30	16.32	16.50
11ac VHT20	NSS1-MCS0	157	5785	13.32	13.07	16.21	16.50
11ac VHT20	NSS1-MCS0	165	5825	13.20	13.18	16.20	16.50
11ac VHT40	NSS1-MCS0	151	5755	13.28	13.06	16.18	16.50
11ac VHT40	NSS1-MCS0	159	5795	13.43	12.95	16.21	16.50
11ac VHT80	NSS1-MCS0	155	5775	12.99	13.19	16.10	16.50
11ax HE20	NSS1-MCS0	149	5745	13.43	13.32	16.39	16.50
11ax HE20	NSS1-MCS0	157	5785	13.37	13.46	16.43	16.50
11ax HE20	NSS1-MCS0	165	5825	13.35	13.45	16.41	16.50
11ax HE40	NSS1-MCS0	151	5755	13.21	13.44	16.34	16.50
11ax HE40	NSS1-MCS0	159	5795	13.44	13.01	16.24	16.50
11ax HE80	NSS1-MCS0	155	5775	13.17	13.48	16.34	16.50

Appendix D. SAR Measurement Data

Dongle

WLAN2.4G:

Plot.No	Band	Mode	Channel	Frequency (MHz)	Data Rate	Test Position	Gap (mm)	Antenna Angle	Avg Power (dBm)	Tune-up (dBm)	SAR 1g (W/Kg)	Reported SAR 1 g (W/Kg)	Antenna
	WLAN 2.4GHz	802.11b	1	2437	1M	Horizontal-Up	5	0	16.49	16.5	0.086	0.086	1+2
	WLAN 2.4GHz	802.11b	1	2437	1M	Horizontal-Down	5	0	16.49	16.5	0.943	0.945	1+2
	WLAN 2.4GHz	802.11b	6	2437	1M	Horizontal-Down	5	0	16.29	16.5	1.090	1.145	1+2
1	WLAN 2.4GHz	802.11b	11	2462	1M	Horizontal-Down	5	0	16.28	16.5	1.110	**1.167**	1+2
	WLAN 2.4GHz	802.11b	1	2437	1M	Vertical-Fornt	5	0	16.49	16.5	0.303	0.304	1+2
	WLAN 2.4GHz	802.11b	1	2437	1M	Vertical-Back	5	0	16.49	16.5	0.129	0.129	1+2
	WLAN 2.4GHz	802.11b	1	2437	1M	Tip Mode	5	0	16.49	16.5	0.049	0.049	1+2
	WLAN 2.4GHz	802.11b	1	2437	1M	Horizontal-Up	5	90	16.49	16.5	0.066	0.066	1+2
	WLAN 2.4GHz	802.11b	1	2437	1M	Horizontal-Down	5	90	16.49	16.5	0.055	0.055	1+2
	WLAN 2.4GHz	802.11b	1	2437	1M	Vertical-Fornt	5	90	16.49	16.5	0.244	0.245	1+2
	WLAN 2.4GHz	802.11b	1	2437	1M	Vertical-Back	5	90	16.49	16.5	0.173	0.173	1+2
	WLAN 2.4GHz	802.11b	1	2437	1M	Tip Mode	5	90	16.49	16.5	0.664	0.665	1+2
	WLAN 2.4GHz	802.11b	1	2437	1M	Horizontal-Up	5	180	16.49	16.5	0.513	0.514	1+2
	WLAN 2.4GHz	802.11b	1	2437	1M	Horizontal-Down	5	180	16.49	16.5	0.414	0.415	1+2
	WLAN 2.4GHz	802.11b	1	2437	1M	Vertical-Fornt	5	180	16.49	16.5	0.394	0.395	1+2
	WLAN 2.4GHz	802.11b	1	2437	1M	Vertical-Back	5	180	16.49	16.5	0.284	0.285	1+2
	WLAN 2.4GHz	802.11b	1	2437	1M	Top	5	180	16.49	16.5	0.051	0.051	1+2

WLAN5G:

Plot.No	Band	Mode	Channel	Frequency (MHz)	Data Rate	Test Position	Gap (mm)	Antenna Angle	Avg Power (dBm)	Tune-up (dBm)	SAR 1g (W/Kg)	Reported SAR 1 g (W/Kg)	Antenna
	WLAN 5GHz	802.11a	52	5260	6M	Horizontal-Up	5	0	16.49	16.5	0.050	0.05	1+2
	WLAN 5GHz	802.11a	52	5260	6M	Horizontal-Down	5	0	16.49	16.5	0.879	0.881	1+2
2	WLAN 5GHz	802.11a	60	5300	6M	Horizontal-Down	5	0	16.33	16.5	1.050	**1.093**	1+2
	WLAN 5GHz	802.11a	64	5320	6M	Horizontal-Down	5	0	16.43	16.5	1.050	1.068	1+2
	WLAN 5GHz	802.11a	52	5260	6M	Vertical-Fornt	5	0	16.49	16.5	0.131	0.131	1+2
	WLAN 5GHz	802.11a	52	5260	6M	Vertical-Back	5	0	16.49	16.5	0.083	0.083	1+2
	WLAN 5GHz	802.11a	52	5260	6M	Tip Mode	5	0	16.49	16.5	0.029	0.029	1+2
	WLAN 5GHz	802.11a	52	5260	6M	Horizontal-Up	5	90	16.49	16.5	0.025	0.025	1+2
	WLAN 5GHz	802.11a	52	5260	6M	Horizontal-Down	5	90	16.49	16.5	0.041	0.041	1+2
	WLAN 5GHz	802.11a	52	5260	6M	Vertical-Fornt	5	90	16.49	16.5	0.135	0.135	1+2
	WLAN 5GHz	802.11a	52	5260	6M	Vertical-Back	5	90	16.49	16.5	0.053	0.053	1+2
	WLAN 5GHz	802.11a	52	5260	6M	Tip Mode	5	90	16.49	16.5	0.488	0.489	1+2
	WLAN 5GHz	802.11a	52	5260	6M	Horizontal-Up	5	180	16.49	16.5	0.371	0.372	1+2
	WLAN 5GHz	802.11a	52	5260	6M	Horizontal-Down	5	180	16.49	16.5	0.178	0.178	1+2
	WLAN 5GHz	802.11a	52	5260	6M	Vertical-Fornt	5	180	16.49	16.5	0.221	0.221	1+2
	WLAN 5GHz	802.11a	52	5260	6M	Vertical-Back	5	180	16.49	16.5	0.106	0.106	1+2
	WLAN 5GHz	802.11a	52	5260	6M	Tip Mode	5	180	16.49	16.5	0.030	0.03	1+2
	WLAN 5GHz	802.11a	116	5580	6M	Horizontal-Up	5	0	16.48	16.5	0.018	0.018	1+2
3	WLAN 5GHz	802.11a	100	5500	6M	Horizontal-Down	5	0	16.48	16.5	0.843	**0.848**	1+2
	WLAN 5GHz	802.11a	116	5580	6M	Horizontal-Down	5	0	16.48	16.5	0.763	0.766	1+2
	WLAN 5GHz	802.11a	140	5700	6M	Horizontal-Down	5	0	16.47	16.5	0.761	0.766	1+2
	WLAN 5GHz	802.11a	116	5580	6M	Vertical-Fornt	5	0	16.48	16.5	0.131	0.132	1+2
	WLAN 5GHz	802.11a	116	5580	6M	Vertical-Back	5	0	16.48	16.5	0.064	0.064	1+2
	WLAN 5GHz	802.11a	116	5580	6M	Tip Mode	5	0	16.48	16.5	0.011	0.011	1+2
	WLAN 5GHz	802.11a	116	5580	6M	Horizontal-Up	5	90	16.48	16.5	0.012	0.012	1+2
	WLAN 5GHz	802.11a	116	5580	6M	Horizontal-Down	5	90	16.48	16.5	0.014	0.014	1+2
	WLAN 5GHz	802.11a	116	5580	6M	Vertical-Fornt	5	90	16.48	16.5	0.110	0.111	1+2
	WLAN 5GHz	802.11a	116	5580	6M	Vertical-Back	5	90	16.48	16.5	0.038	0.038	1+2
	WLAN 5GHz	802.11a	116	5580	6M	Tip Mode	5	90	16.48	16.5	0.359	0.361	1+2
	WLAN 5GHz	802.11a	116	5580	6M	Horizontal-Up	5	180	16.48	16.5	0.339	0.341	1+2
	WLAN 5GHz	802.11a	116	5580	6M	Horizontal-Down	5	180	16.48	16.5	0.175	0.176	1+2
	WLAN 5GHz	802.11a	116	5580	6M	Vertical-Fornt	5	180	16.48	16.5	0.254	0.255	1+2
	WLAN 5GHz	802.11a	116	5580	6M	Vertical-Back	5	180	16.48	16.5	0.045	0.045	1+2
	WLAN 5GHz	802.11a	116	5580	6M	Tip Mode	5	180	16.48	16.5	0.045	0.045	1+2
	WLAN 5GHz	802.11a	149	5745	6M	Horizontal-Up	5	0	16.48	16.5	0.018	0.018	1+2
	WLAN 5GHz	802.11a	149	5745	6M	Horizontal-Down	5	0	16.48	16.5	0.762	0.766	1+2
4	WLAN 5GHz	802.11a	157	5785	6M	Horizontal-Down	5	0	16.29	16.5	0.947	**0.994**	1+2
	WLAN 5GHz	802.11a	165	5825	6M	Horizontal-Down	5	0	16.43	16.5	0.780	0.793	1+2
	WLAN 5GHz	802.11a	149	5745	6M	Vertical-Fornt	5	0	16.48	16.5	0.131	0.132	1+2
	WLAN 5GHz	802.11a	149	5745	6M	Vertical-Back	5	0	16.48	16.5	0.055	0.055	1+2
	WLAN 5GHz	802.11a	149	5745	6M	Tip Mode	5	0	16.48	16.5	0.012	0.012	1+2
	WLAN 5GHz	802.11a	149	5745	6M	Horizontal-Up	5	90	16.48	16.5	0.013	0.013	1+2
	WLAN 5GHz	802.11a	149	5745	6M	Horizontal-Down	5	90	16.48	16.5	0.008	0.008	1+2
	WLAN 5GHz	802.11a	149	5745	6M	Vertical-Fornt	5	90	16.48	16.5	0.164	0.165	1+2
	WLAN 5GHz	802.11a	149	5745	6M	Vertical-Back	5	90	16.48	16.5	0.033	0.033	1+2
	WLAN 5GHz	802.11a	149	5745	6M	Tip Mode	5	90	16.48	16.5	0.326	0.328	1+2
	WLAN 5GHz	802.11a	149	5745	6M	Horizontal-Up	5	180	16.48	16.5	0.285	0.287	1+2
	WLAN 5GHz	802.11a	149	5745	6M	Horizontal-Down	5	180	16.48	16.5	0.146	0.147	1+2
	WLAN 5GHz	802.11a	149	5745	6M	Vertical-Fornt	5	180	16.48	16.5	0.211	0.212	1+2
	WLAN 5GHz	802.11a	149	5745	6M	Vertical-Back	5	180	16.48	16.5	0.032	0.032	1+2
	WLAN 5GHz	802.11a	149	5745	6M	Tip Mode	5	180	16.48	16.5	0.047	0.047	1+2

01 IEEE 802.11b CH11_1M_Horizontal-Down_0mm_Ant 1+2_Angle 0

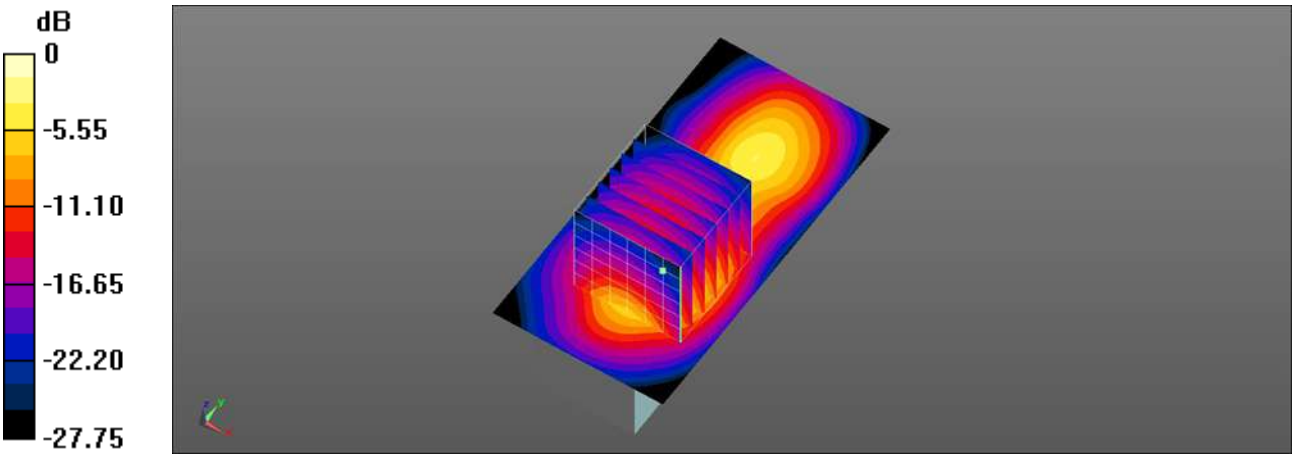
Communication System: UID 0, 2.4GHz Wi-Fi (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used : f = 2462 MHz; σ = 1.869 S/m; ε_r = 40.646; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3927; ConvF(7.75, 7.75, 7.75) @ 2462 MHz; Calibrated: 2021/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1379; Calibrated: 2021/7/19
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (41x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 2.05 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 33.33 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 2.46 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.444 W/kg
Smallest distance from peaks to all points 3 dB below = 7.3 mm
Ratio of SAR at M2 to SAR at M1 = 47.9%
Maximum value of SAR (measured) = 1.93 W/kg



0 dB = 1.93 W/kg = 2.86 dBW/kg

02 IEEE 802.11a CH60_6M_Horizontal-Down_0mm_Ant 1+2_Angle 0

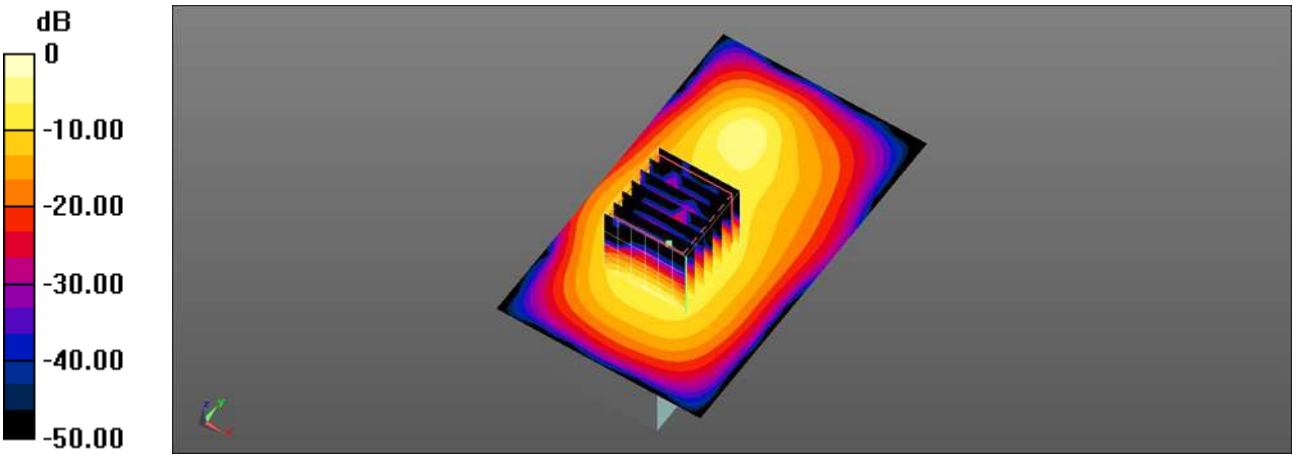
Communication System: UID 0, 5GHz Wi-Fi (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used : f = 5300 MHz; σ = 4.764 S/m; ε_r = 35.485; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3927; ConvF(5.45, 5.45, 5.45) @ 5300 MHz; Calibrated: 2021/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1379; Calibrated: 2021/7/19
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.80 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 14.87 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 4.46 W/kg
SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.315 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 62.8%
Maximum value of SAR (measured) = 2.56 W/kg



0 dB = 2.56 W/kg = 4.08 dBW/kg

03 IEEE 802.11a CH100_6M_Horizontal-Down_0mm_Ant 1+2_Angle 0

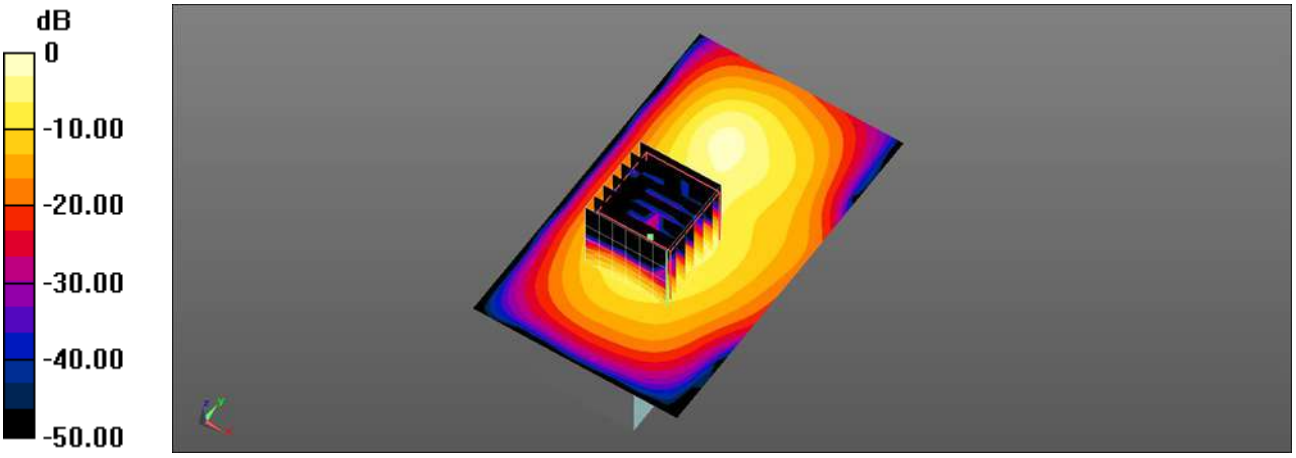
Communication System: 5GHz Wi-Fi (0); Frequency: 5640 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5640 MHz; σ = 5.158 S/m; ε_r = 34.856; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3927; ConvF(4.98, 4.98, 4.98) @ 5640 MHz; Calibrated: 2021/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1379; Calibrated: 2021/7/19
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.54 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 19.65 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 3.62 W/kg
SAR(1 g) = 0.843 W/kg; SAR(10 g) = 0.244 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 62.5%
Maximum value of SAR (measured) = 2.14 W/kg



0 dB = 2.14 W/kg = 3.30 dBW/kg

04 IEEE 802.11a CH157_6M_Horizontal-Down_0mm_Ant 1+2_Angle 0

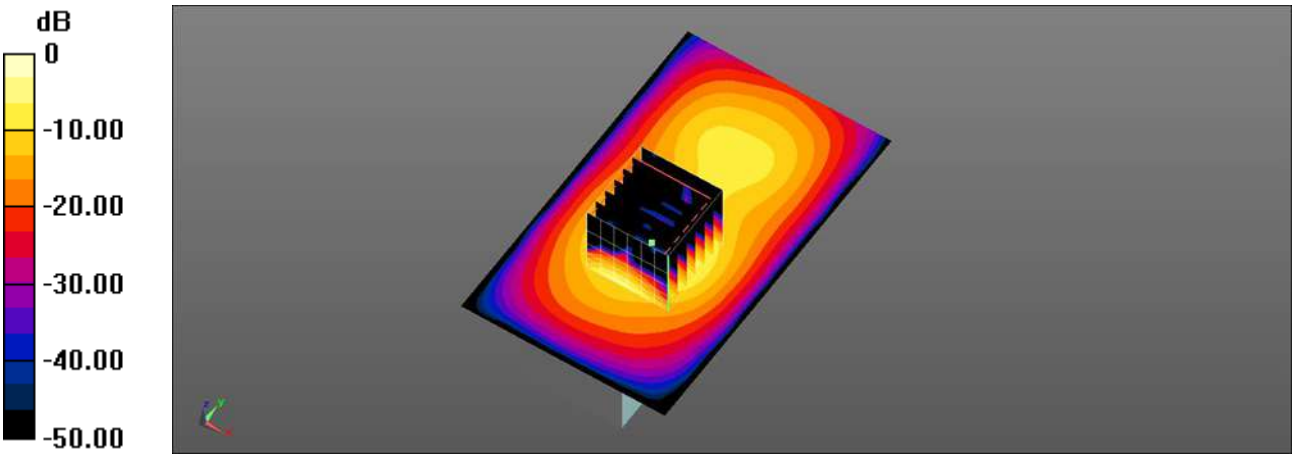
Communication System: 5GHz Wi-Fi (0); Frequency: 5785 MHz;Duty Cycle: 1:1
Medium parameters used : f = 5785 MHz; σ = 5.326 S/m; ε_r = 34.548; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3927; ConvF(4.98, 4.98, 4.98) @ 5785 MHz; Calibrated: 2021/7/28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1379; Calibrated: 2021/7/19
- Phantom: ELI v5.0 (20deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.12 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 12.20 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 4.34 W/kg
SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.257 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 61.4%
Maximum value of SAR (measured) = 2.32 W/kg



0 dB = 2.32 W/kg = 3.65 dBW/kg