

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 01_GSM850_GPRS (2 Tx slots)_Back_5mm_Ant 1_Ch128

Communication System: UID 0, GSM 2Tx slots (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium: HSL_835 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 41.26$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(8.69, 8.69, 8.69); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

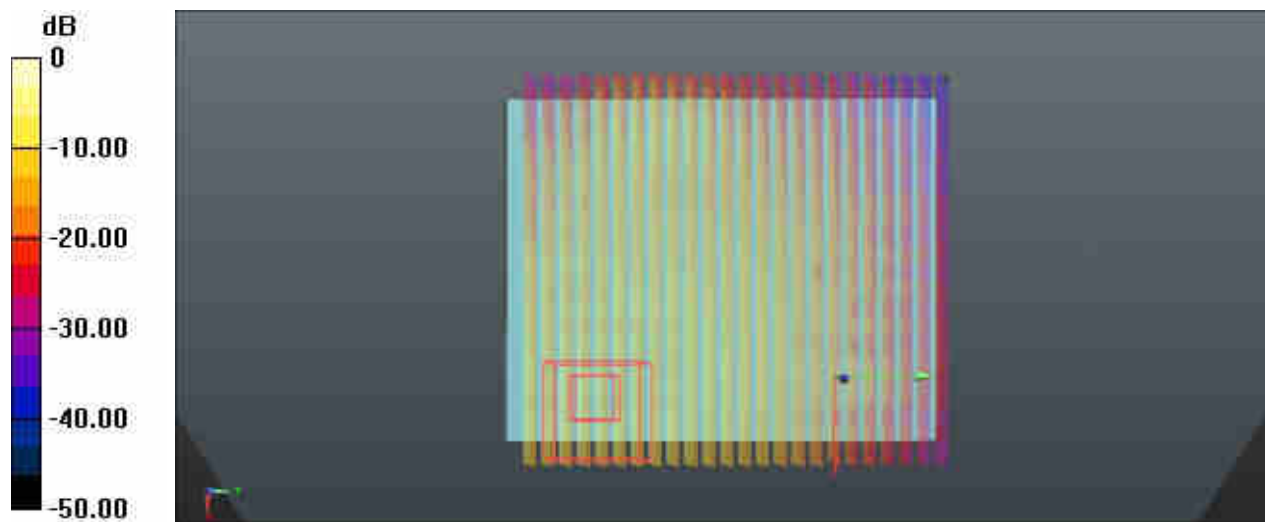
WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.695 W/kg

Maximum value of SAR (interpolated) = 4.31 W/kg



0 dB = 4.31 W/kg = 6.34 dBW/kg

Case 02_GSM850_GPRS (2 Tx slots)_Back_5mm_Ant 1_Ch128

Communication System: UID 0, GSM 2Tx slots (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium: HSL_835 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 41.26$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(8.69, 8.69, 8.69); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

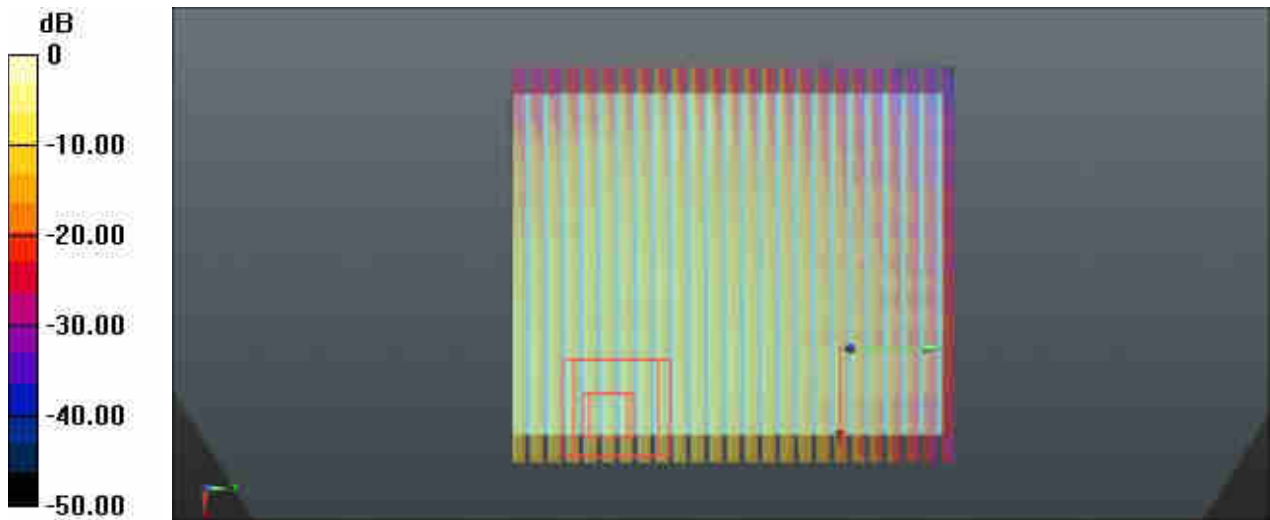
Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08
Medium: HSL_2450 Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753

- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.714 W/kg

Maximum value of SAR (interpolated) = 2.80 W/kg



0 dB = 2.80 W/kg = 4.47 dBW/kg

Case 03_GSM850_GPRS (2 Tx slots)_Back_5mm_Ant 1_Ch128

Communication System: UID 0, GSM 2Tx slots (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium: HSL_835 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 41.26$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(8.69, 8.69, 8.69); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

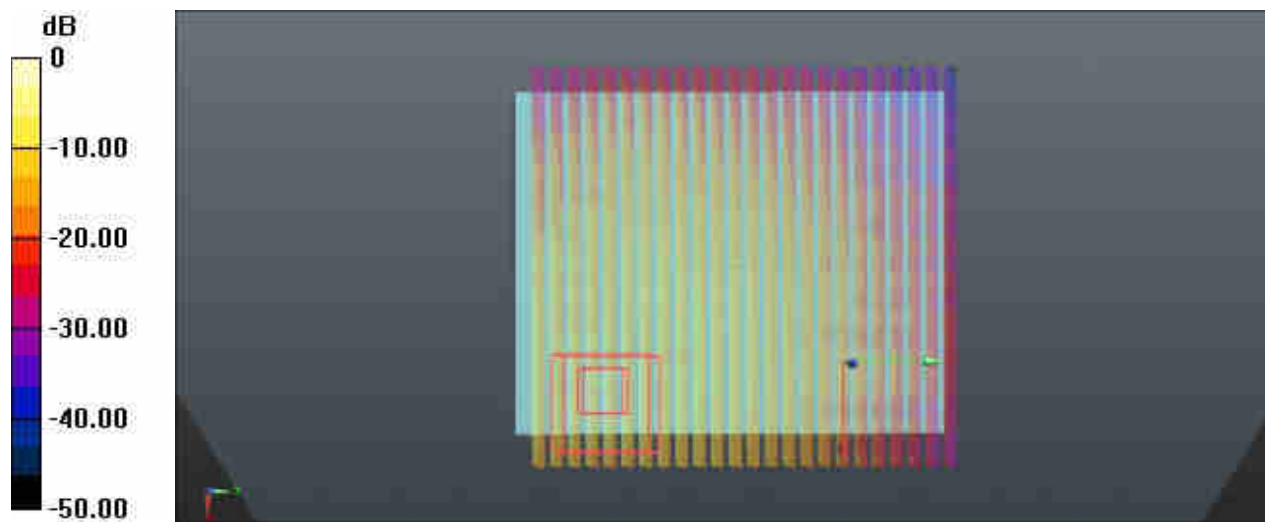
Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.694 W/kg

Maximum value of SAR (interpolated) = 4.31 W/kg



0 dB = 4.31 W/kg = 6.34 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 06_WCDMA II_RMC 12.2Kbps_Back_5mm_Ant 1_Ch9538

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 39.001$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.41, 7.41, 7.41); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

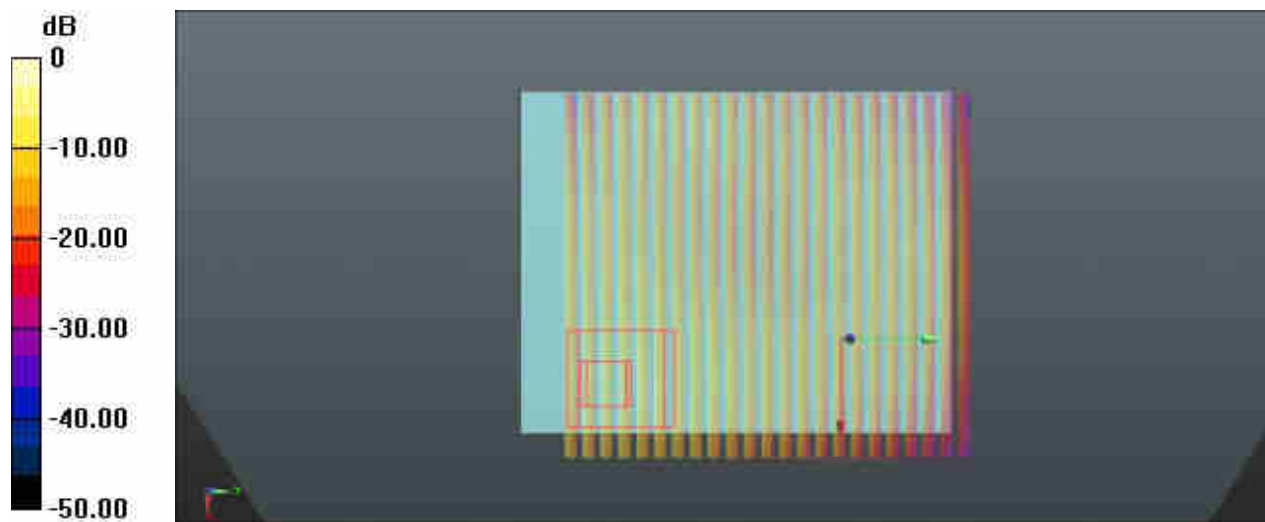
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.59 W/kg; SAR(10 g) = 0.692 W/kg

Maximum value of SAR (interpolated) = 4.94 W/kg



0 dB = 4.94 W/kg = 6.94 dBW/kg

Case 07_WCDMA II_RMC 12.2Kbps_Back_5mm_Ant 1_Ch9538

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 39.001$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.41, 7.41, 7.41); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³

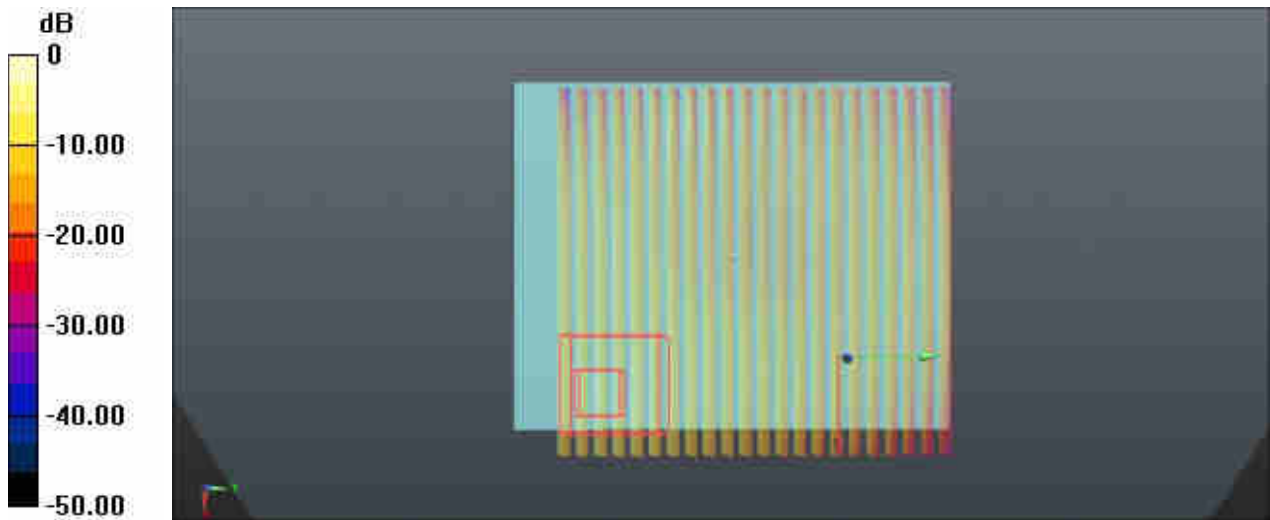
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753

- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.41 W/kg; SAR(10 g) = 0.685 W/kg

Maximum value of SAR (interpolated) = 3.19 W/kg



0 dB = 3.19 W/kg = 5.04 dBW/kg

Case 08_WCDMA II_RMC 12.2Kbps_Back_5mm_Ant 1_Ch9538

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 39.001$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.41, 7.41, 7.41); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3+4_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$

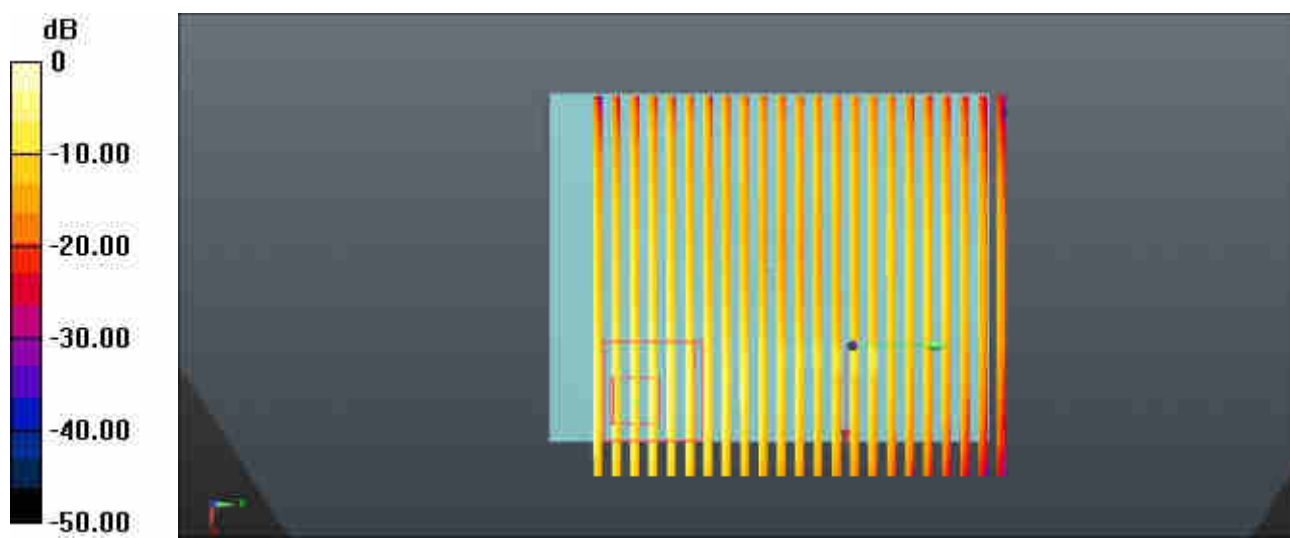
kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.503 W/kg

Maximum value of SAR (interpolated) = 1.77 W/kg



0 dB = 1.77 W/kg = 2.48 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 09_WCDMA II_RMC 12.2Kbps_Back_5mm_Ant 1_Ch9538

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.406$ S/m; $\epsilon_r = 39.001$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.41, 7.41, 7.41); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

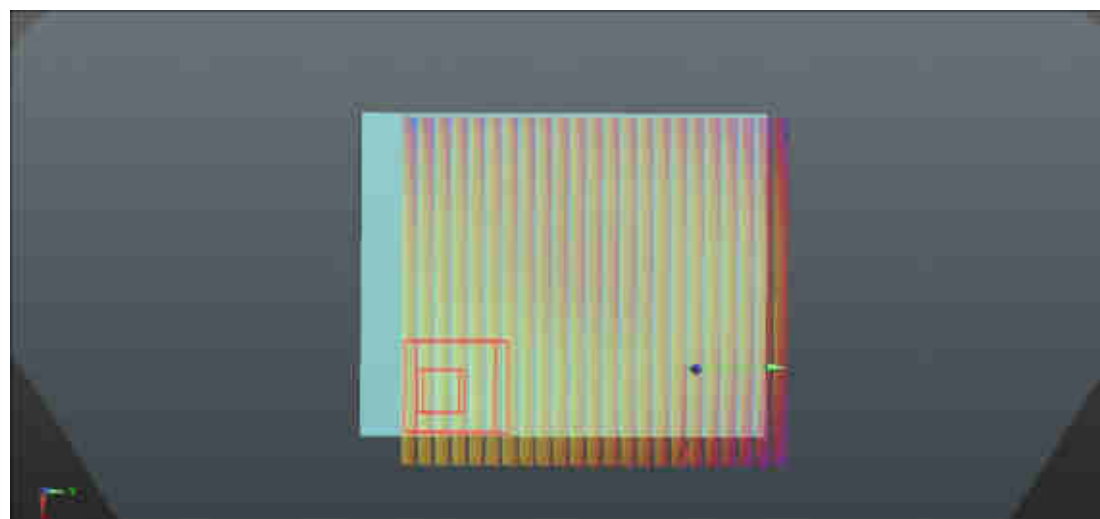
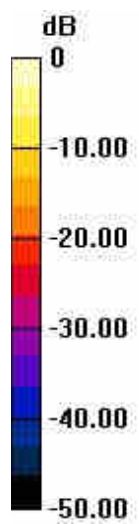
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.58 W/kg; SAR(10 g) = 0.691 W/kg

Maximum value of SAR (interpolated) = 4.94 W/kg



0 dB = 4.94 W/kg = 6.94 dBW/kg

Case 10_WCDMA IV_RMC 12.2Kbps_Back_5mm_Ant 1_Ch1513

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750 Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 40.367$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.72, 7.72, 7.72); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

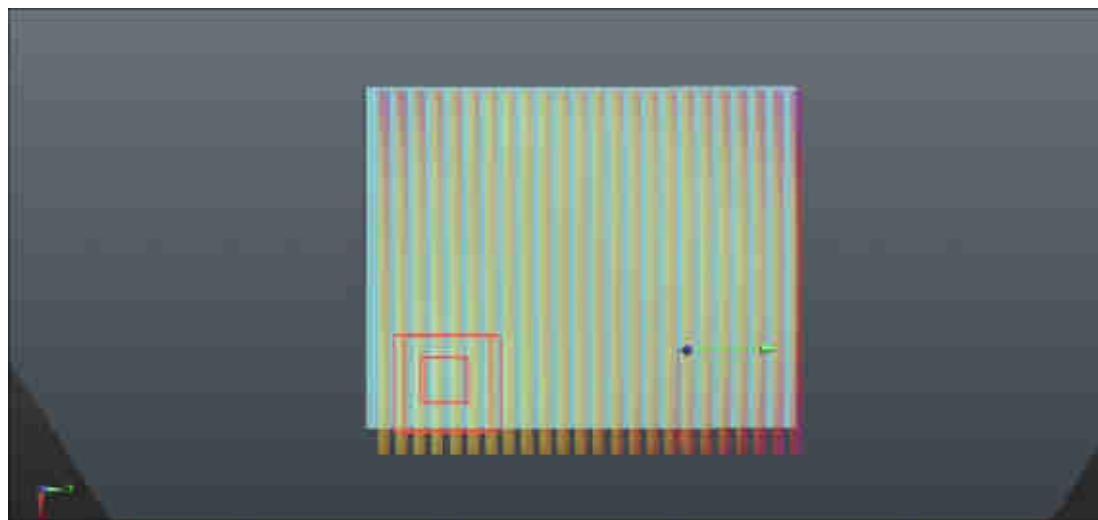
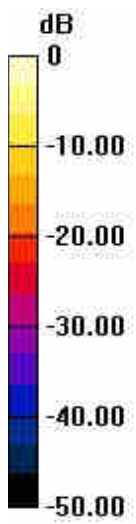
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.50 W/kg; SAR(10 g) = 0.668 W/kg

Maximum value of SAR (interpolated) = 4.57 W/kg



0 dB = 4.57 W/kg = 6.60 dBW/kg

Case 11_WCDMA IV_RMC 12.2Kbps_Back_5mm_Ant 1_Ch1513

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750 Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 40.367$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.72, 7.72, 7.72); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³

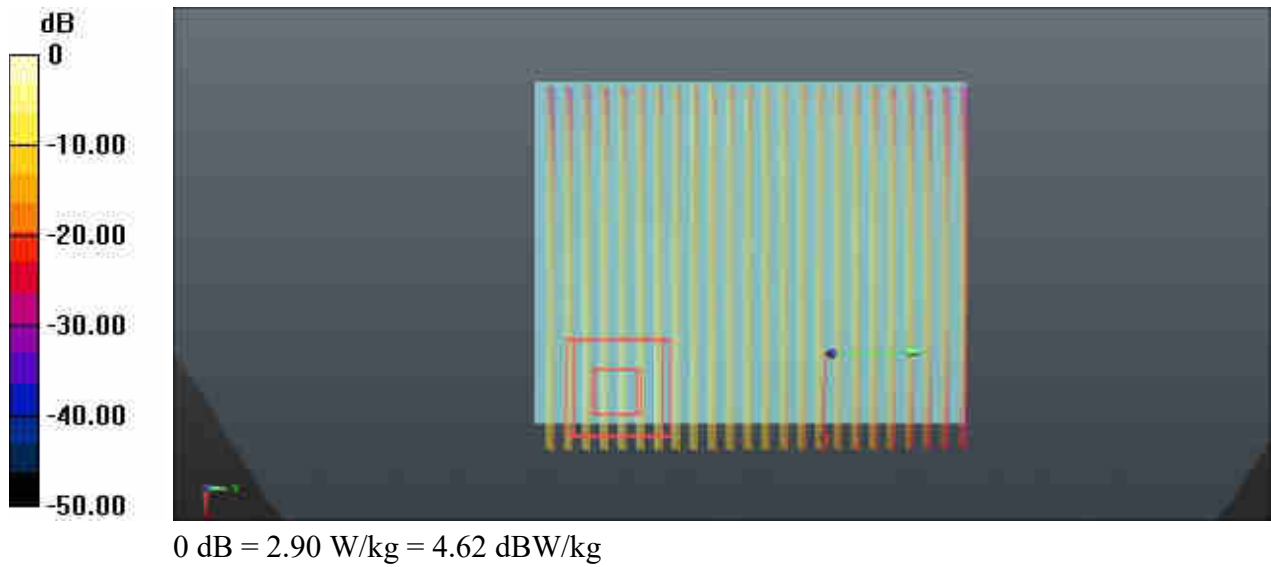
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753

- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.660 W/kg

Maximum value of SAR (interpolated) = 2.90 W/kg



Case 12_WCDMA IV_RMC 12.2Kbps_Back_5mm_Ant 1_Ch1513

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750 Medium parameters used: $f = 1752.6$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 40.367$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.72, 7.72, 7.72); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

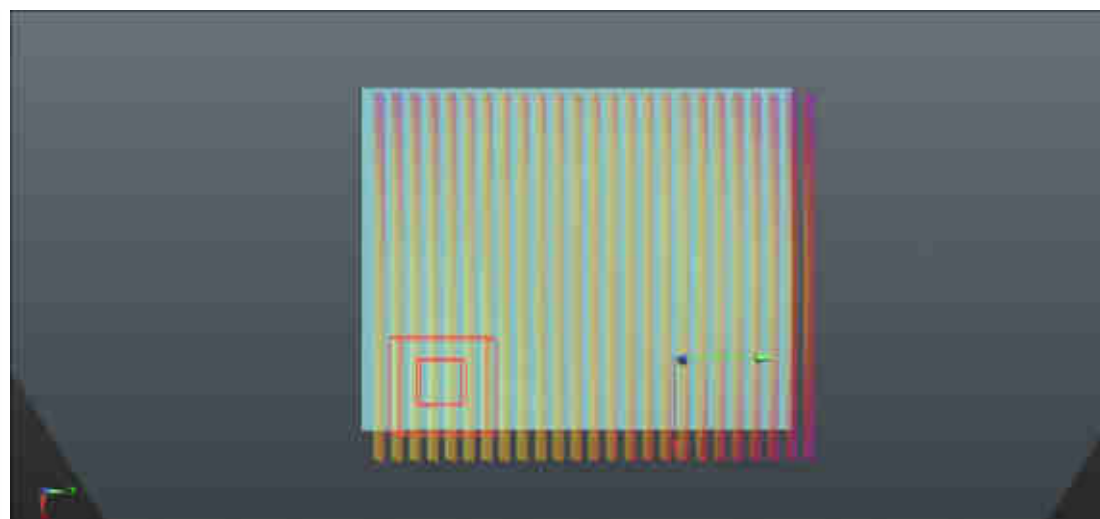
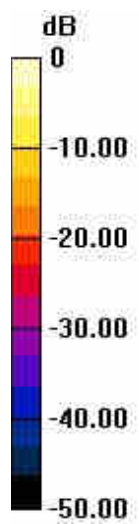
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85) @ 2402 MHz; Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.50 W/kg; SAR(10 g) = 0.667 W/kg

Maximum value of SAR (interpolated) = 4.57 W/kg



0 dB = 4.57 W/kg = 6.60 dBW/kg

Case 13_WCDMA V_RMC 12.2Kbps_Back_5mm_Ant 1_Ch4132

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 41.23$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(8.69, 8.69, 8.69); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

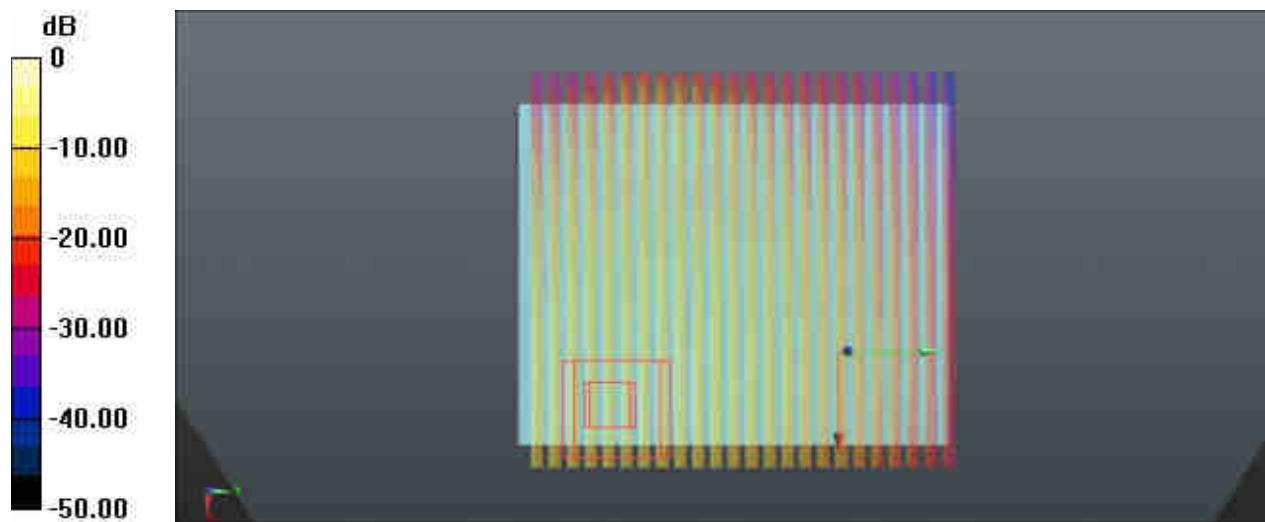
WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.55 W/kg; SAR(10 g) = 0.816 W/kg

Maximum value of SAR (interpolated) = 4.52 W/kg



0 dB = 4.52 W/kg = 6.55 dBW/kg

Case 14_WCDMA V_RMC 12.2Kbps_Back_5mm_Ant 1_Ch4132

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 41.23$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(8.69, 8.69, 8.69); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

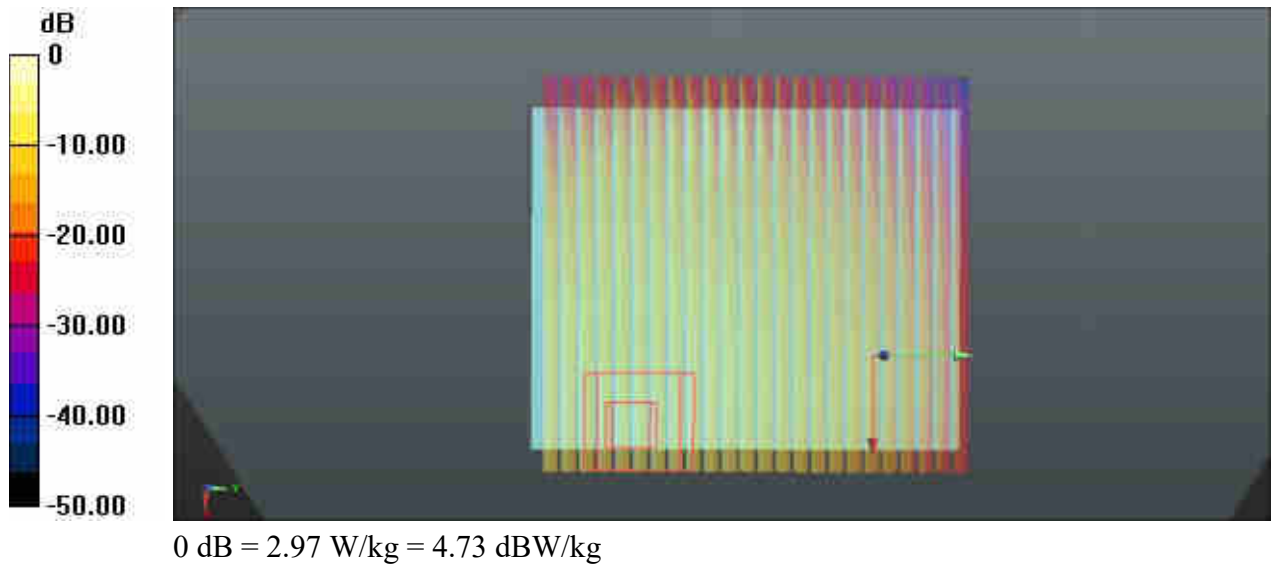
Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753

- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.48 W/kg; SAR(10 g) = 0.833 W/kg

Maximum value of SAR (interpolated) = 2.97 W/kg



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 16_WCDMA V_RMC 12.2Kbps_Back_5mm_Ant 1_Ch4132

Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 41.23$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(8.69, 8.69, 8.69); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

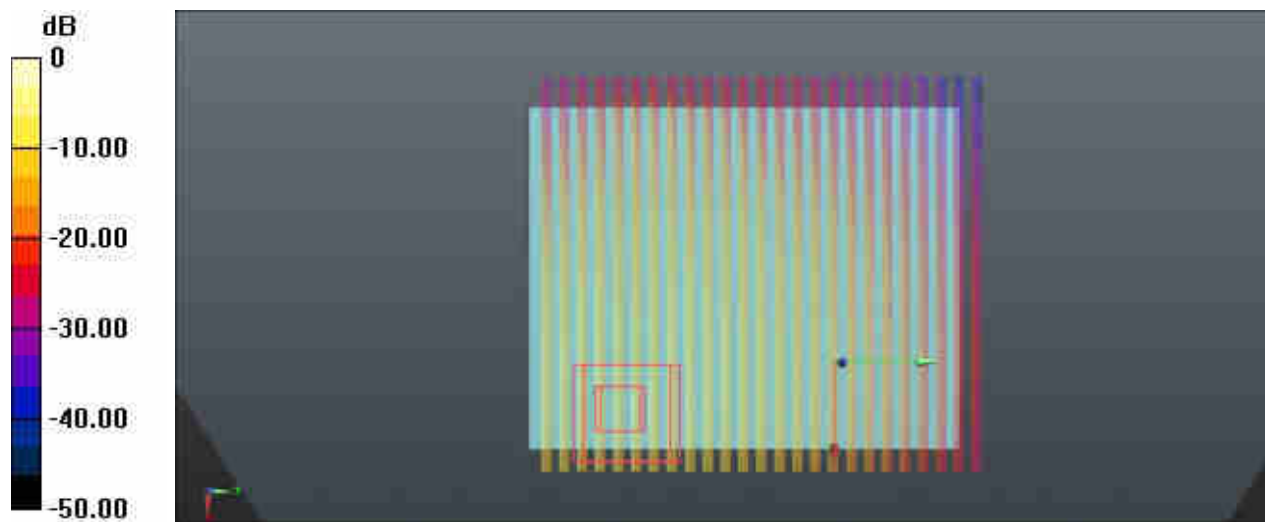
Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.54 W/kg; SAR(10 g) = 0.815 W/kg

Maximum value of SAR (interpolated) = 4.52 W/kg



0 dB = 4.52 W/kg = 6.55 dBW/kg

Case 17_CDMA BC0_RTAP 153.6Kbps_Back_5mm_Ant 1_Ch384

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 836.52$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(8.69, 8.69, 8.69); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

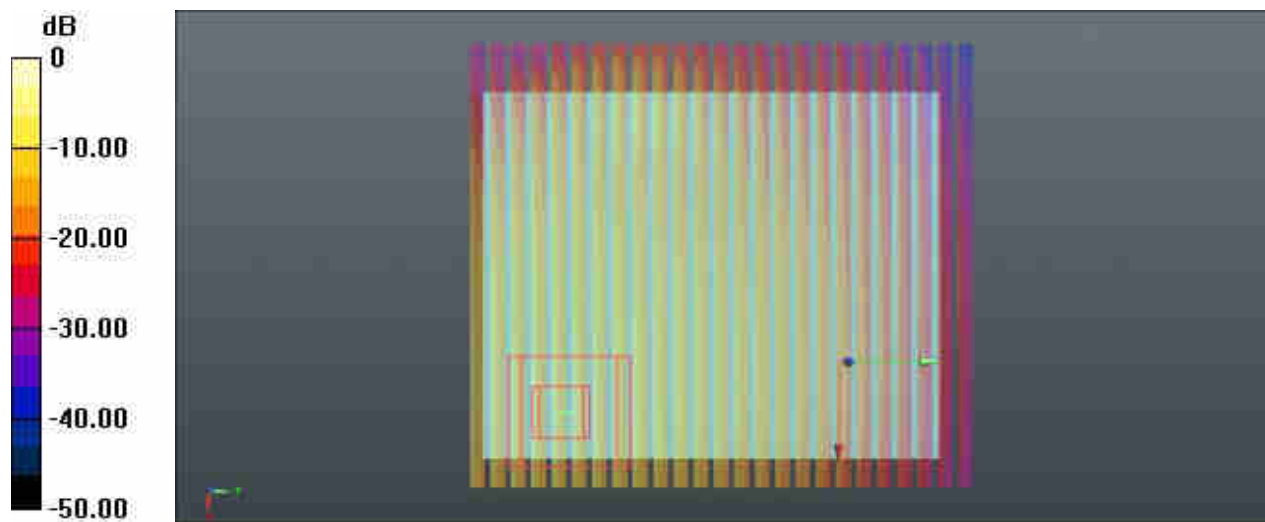
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.47 W/kg; SAR(10 g) = 0.705 W/kg

Maximum value of SAR (interpolated) = 4.51 W/kg



0 dB = 4.51 W/kg = 6.54 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 19_CDMA BC1_RTAP 153.6Kbps_Back_5mm_Ant 1_Ch25

Communication System: UID 0, CDMA (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.349$ S/m; $\epsilon_r = 39.242$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.41, 7.41, 7.41); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

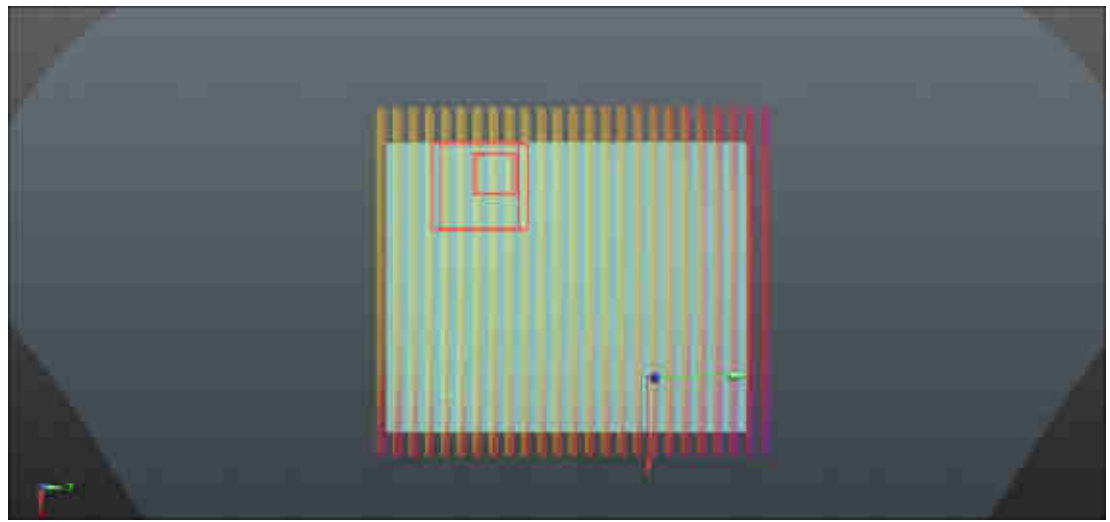
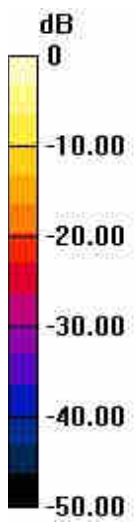
WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.86 W/kg; SAR(10 g) = 0.440 W/kg

Maximum value of SAR (interpolated) = 3.35 W/kg



0 dB = 3.35 W/kg = 5.25 dBW/kg

Case 24_LTE Band 26_Ant 1_15M_QPSK_1RB_0Offset_Back_5mm_DIS 5_Ch26865

Communication System: UID 0, LTE FDD (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 41.169$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(8.69, 8.69, 8.69); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Close_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

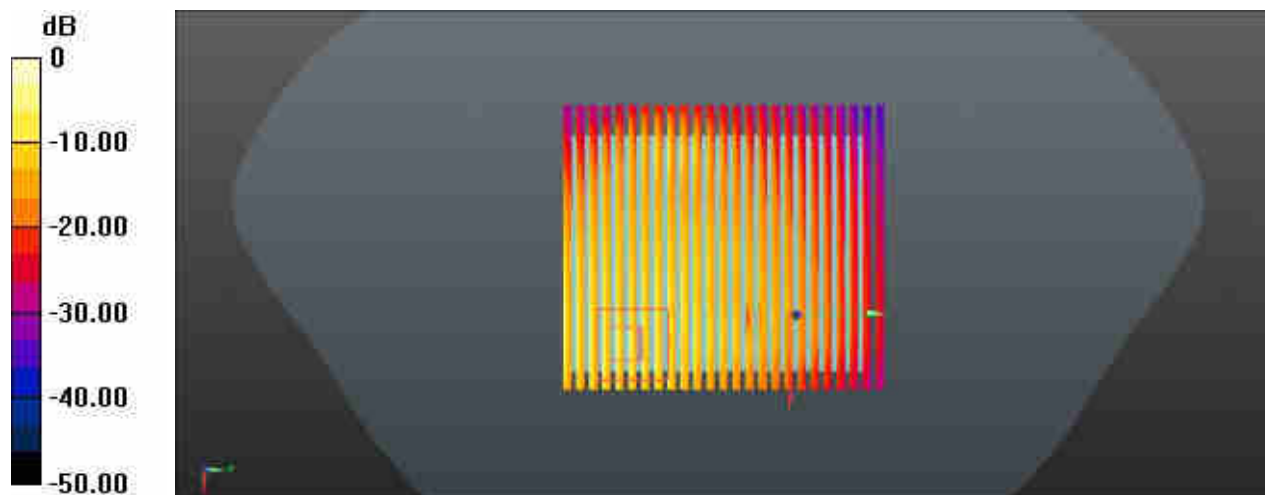
WLAN5GHz_Ant 3_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.56 W/kg; SAR(10 g) = 0.793 W/kg

Maximum value of SAR (interpolated) = 4.53 W/kg



0 dB = 4.53 W/kg = 6.56 dBW/kg

Case 25_LTE Band 26_Ant 1_15M_QPSK_1RB_0Offset_Back_5mm_Ch26865

Communication System: UID 0, LTE FDD (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 41.169$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(8.69, 8.69, 8.69); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 4_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

Medium: HSL_2450 Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³

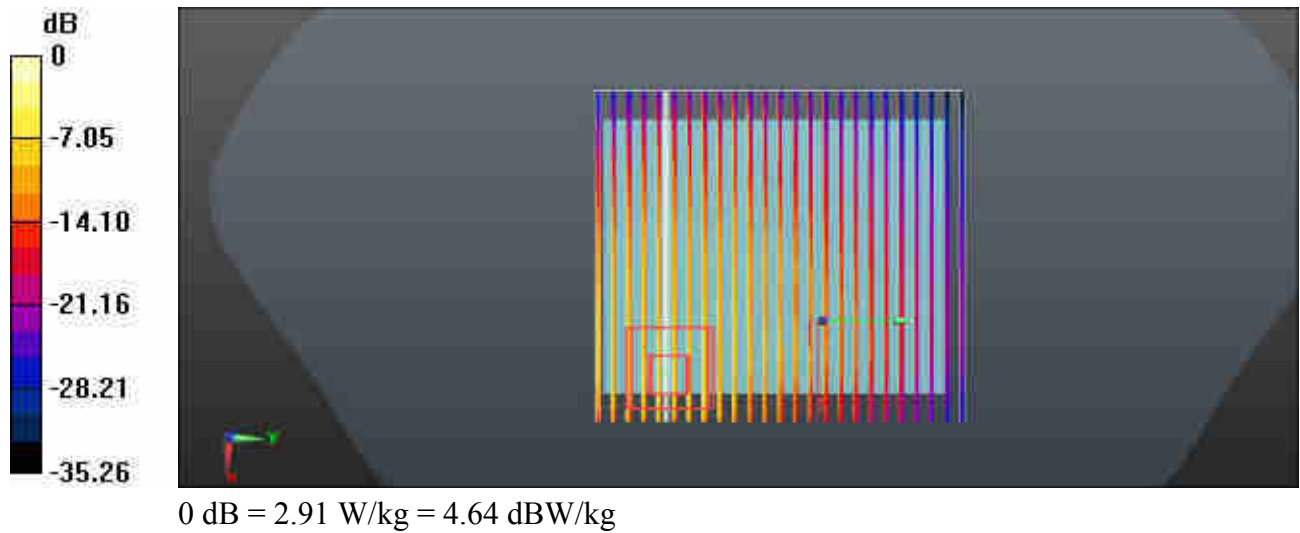
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.44 W/kg; SAR(10 g) = 0.792 W/kg

Maximum value of SAR (interpolated) = 2.91 W/kg



Case 26_LTE Band 26_Ant 1_15M_QPSK_1RB_0Offset_Back_5mm_Ch26865

Communication System: UID 0, LTE FDD (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 41.169$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(8.69, 8.69, 8.69); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3+4_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

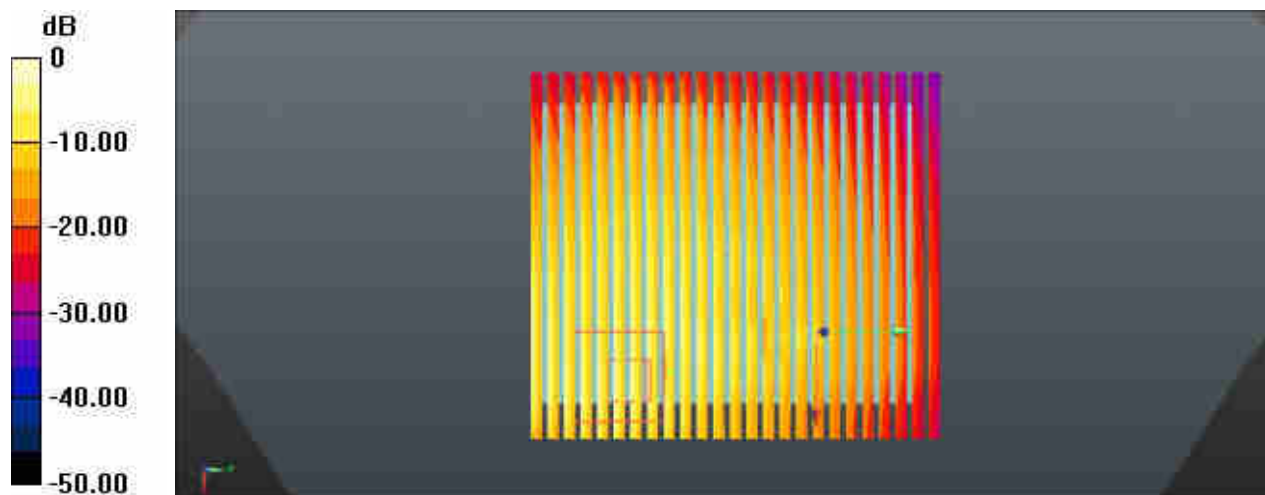
Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.576 W/kg

Maximum value of SAR (interpolated) = 2.51 W/kg



0 dB = 2.51 W/kg = 4.00 dBW/kg

Case 27_LTE Band 26_Ant 1_15M_QPSK_1RB_0Offset_Back_5mm_Ch26865

Communication System: UID 0, LTE FDD (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: HSL_835 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.893$ S/m; $\epsilon_r = 41.169$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(8.69, 8.69, 8.69); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

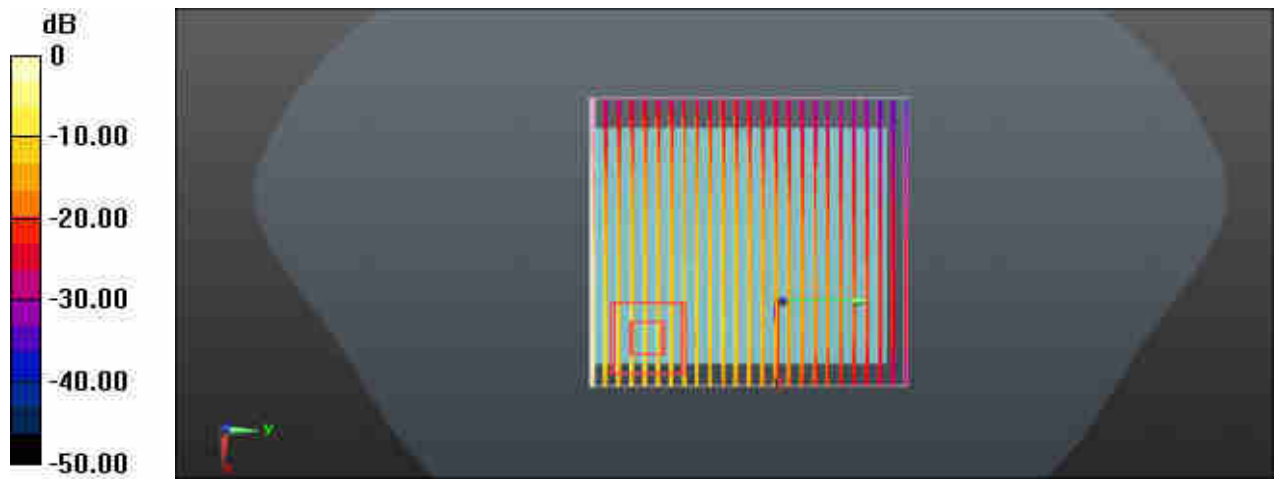
Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.55 W/kg; SAR(10 g) = 0.792 W/kg

Maximum value of SAR (interpolated) = 4.54 W/kg



0 dB = 4.54 W/kg = 6.57 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 28_LTE Band 7_20M_QPSK_1RB_0Offset_Back_5mm_Ant 1_Ch21100

Communication System: UID 0, LTE FDD (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL_2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.962$ S/m; $\epsilon_r = 38.306$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.76, 6.76, 6.76); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

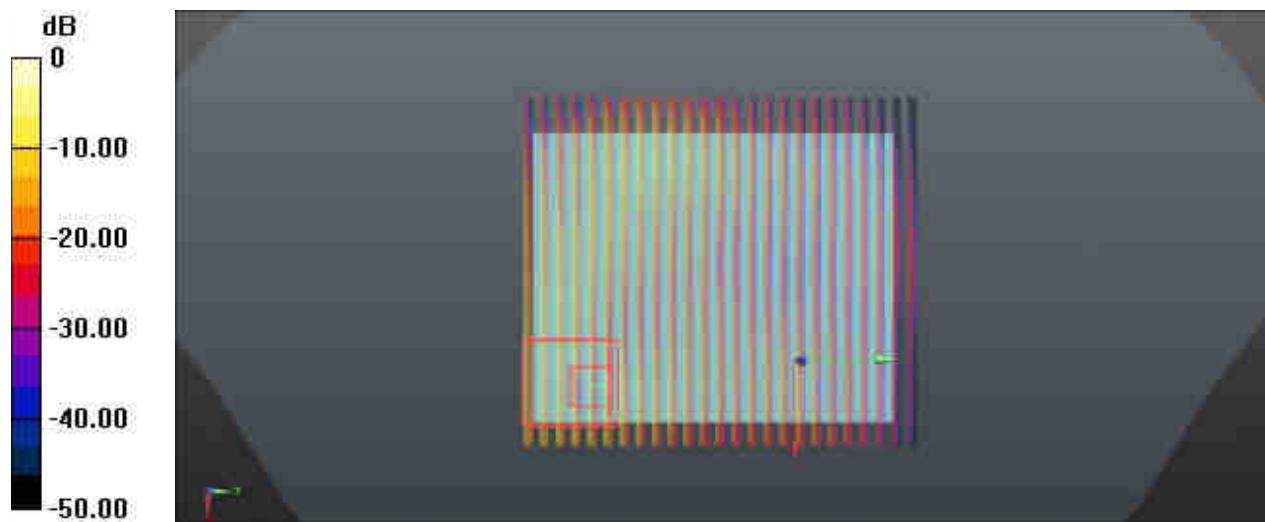
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.341 W/kg

Maximum value of SAR (interpolated) = 3.53 W/kg



0 dB = 3.53 W/kg = 5.48 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 30_LTE Band 12_10M_QPSK_1RB_0Offset_Back_5mm_Ant 1_Ch23095

Communication System: UID 0, LTE FDD (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 793$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 41.126$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(9.06, 9.06, 9.06); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1

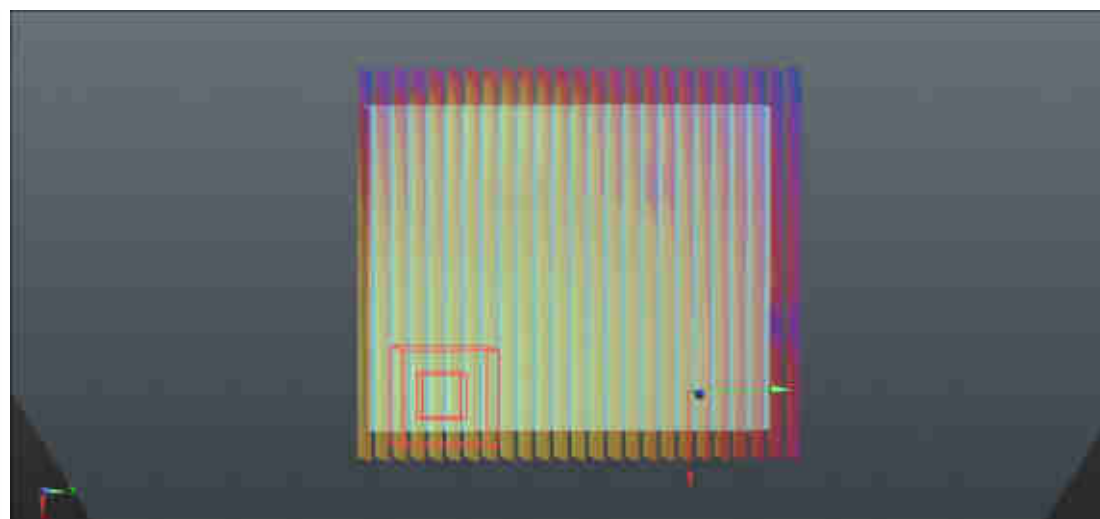
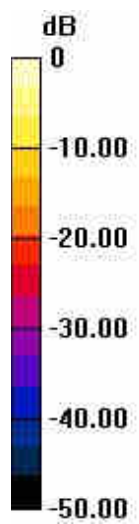
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.549 W/kg

Maximum value of SAR (interpolated) = 3.92 W/kg



0 dB = 3.92 W/kg = 5.93 dBW/kg

Case 32_LTE Band 13_Ant 1_10M_QPSK_1RB_0Offset_Back_5mm_Ch23230

Communication System: UID 0, LTE FDD (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 782$ MHz; $\sigma = 0.923$ S/m; $\epsilon_r = 41.271$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(9.06, 9.06, 9.06); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 4_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$

kg/m³

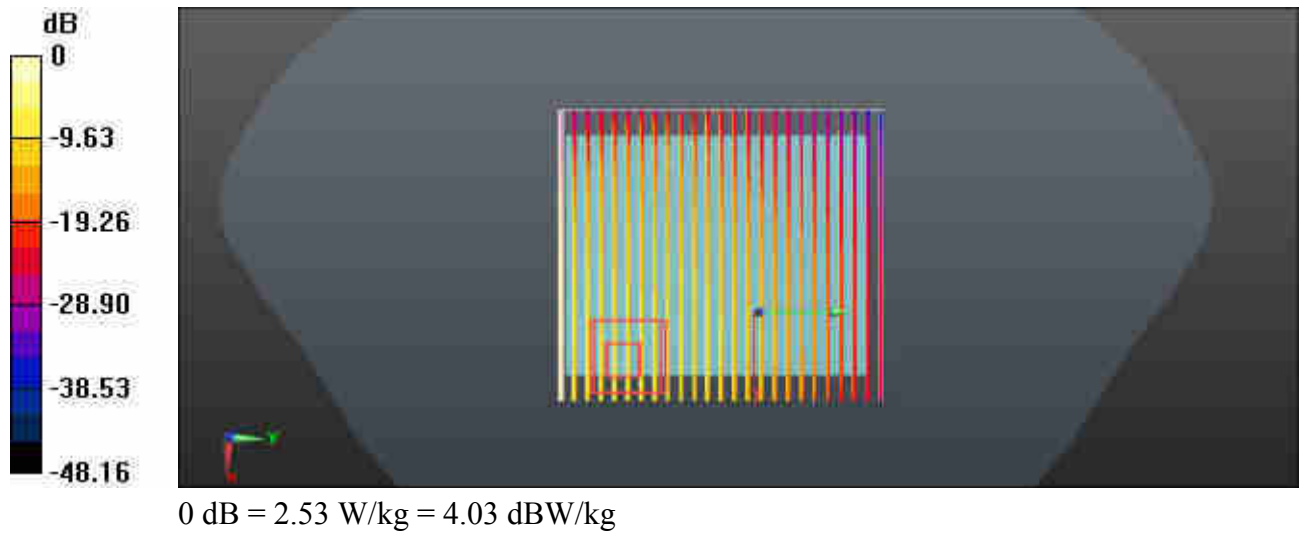
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.20 W/kg; SAR(10 g) = 0.647 W/kg

Maximum value of SAR (interpolated) = 2.53 W/kg



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 33_LTE Band 14_10M_QPSK_1RB_0Offset_Back_5mm_Ant 1_Ch23330

Communication System: UID 0, LTE FDD (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 793$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 41.126$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(9.06, 9.06, 9.06); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

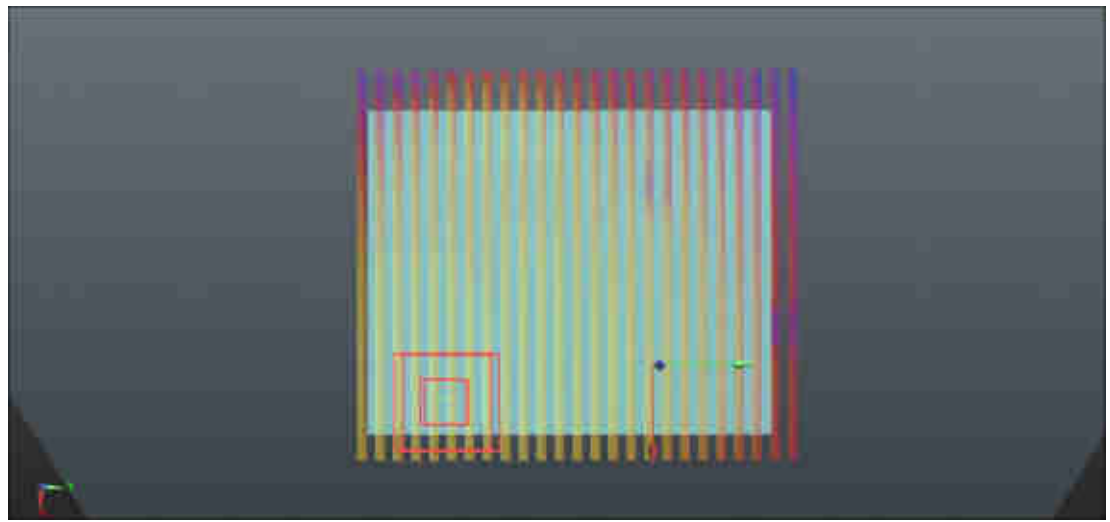
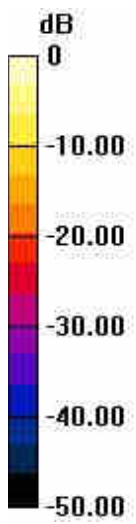
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.48 W/kg; SAR(10 g) = 0.772 W/kg

Maximum value of SAR (interpolated) = 4.37 W/kg



0 dB = 4.37 W/kg = 6.40 dBW/kg

Case 34_LTE Band 14_10M_QPSK_1RB_0Offset_Back_5mm_Ant 1_Ch23330

Communication System: UID 0, LTE FDD (0); Frequency: 793 MHz; Duty Cycle: 1:1
Medium: HSL_750 Medium parameters used: $f = 793$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 41.126$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(9.06, 9.06, 9.06); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch 0

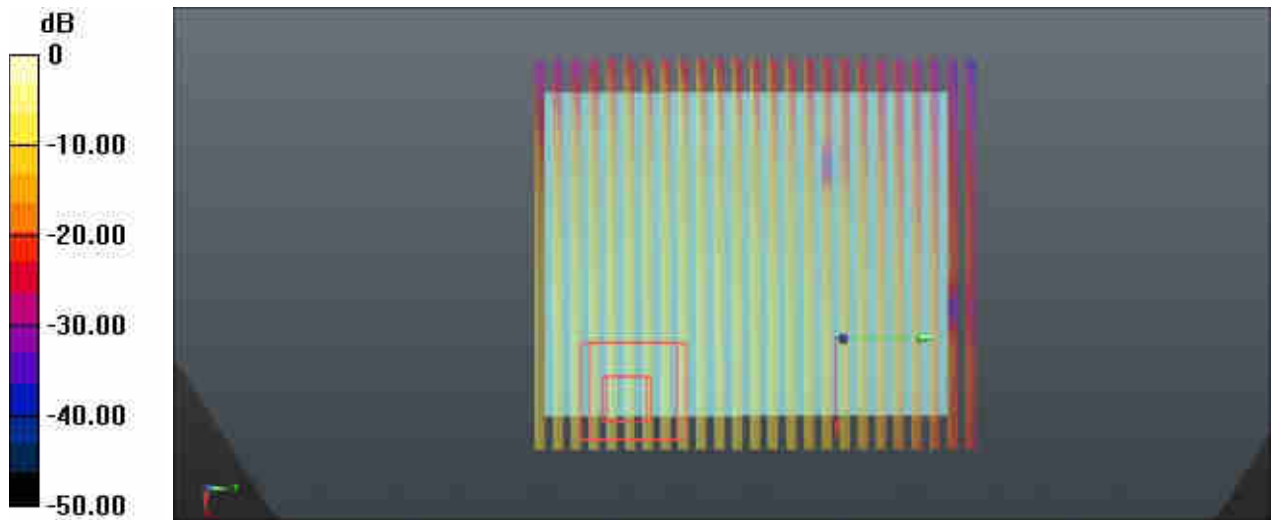
Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753

- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.782 W/kg

Maximum value of SAR (interpolated) = 2.80 W/kg



0 dB = 2.80 W/kg = 4.47 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 35_LTE Band 14_10M_QPSK_1RB_0Offset_Back_5mm_Ant 1_Ch23330

Communication System: UID 0, LTE FDD (0); Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 793$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 41.126$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(9.06, 9.06, 9.06); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch 0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

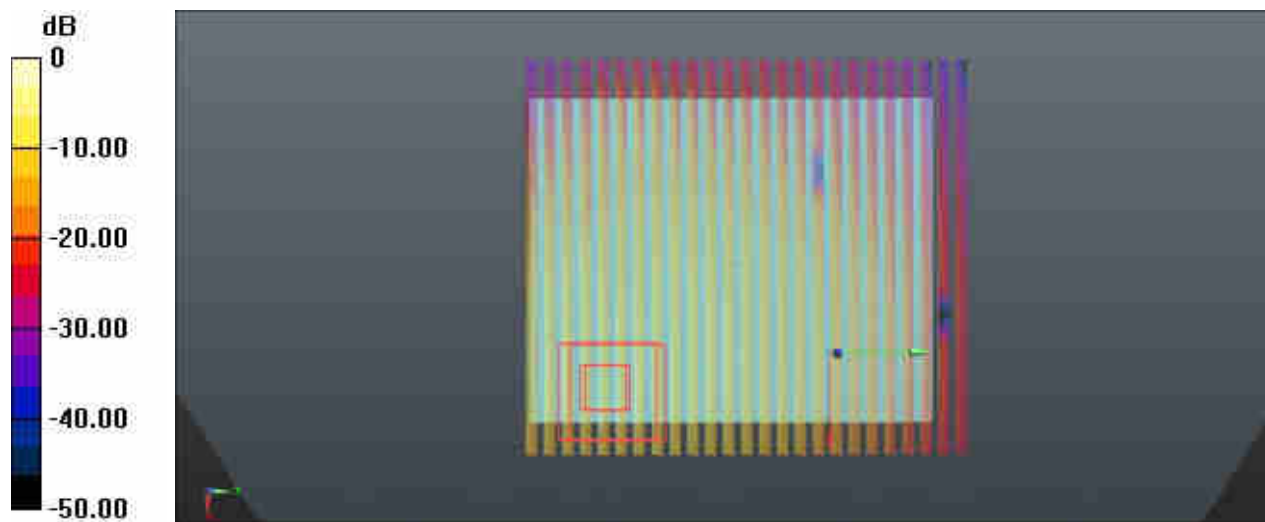
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.48 W/kg; SAR(10 g) = 0.771 W/kg

Maximum value of SAR (interpolated) = 4.37 W/kg



0 dB = 4.37 W/kg = 6.40 dBW/kg

Case 37_LTE Band 30_10M_QPSK_1RB_0Offset_Back_5mm_Ant 1_Ch27710

Communication System: UID 0, LTE FDD (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL_2300 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.736$ S/m; $\epsilon_r = 39.118$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.06, 7.06, 7.06); Calibrated: 2020/9/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020/11/27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020/9/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020/11/27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$

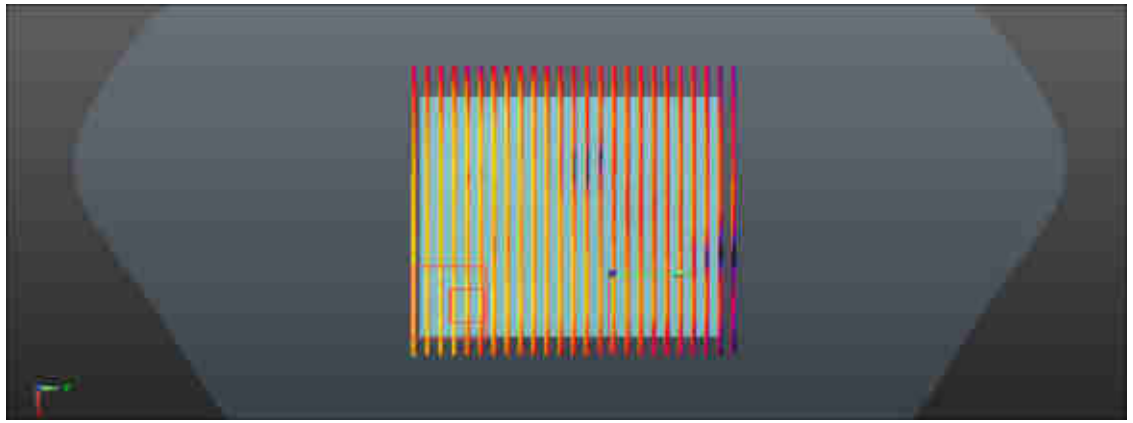
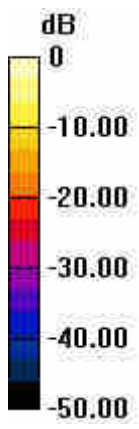
kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020/9/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020/11/27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.43 W/kg; SAR(10 g) = 0.604 W/kg

Maximum value of SAR (interpolated) = 4.80 W/kg



0 dB = 4.80 W/kg = 6.81 dBW/kg

Case 38_LTE Band 30_10M_QPSK_1RB_0Offset_Back_5mm_Ant 1_Ch27710

Communication System: UID 0, LTE FDD (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL_2300 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.736$ S/m; $\epsilon_r = 39.118$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.06, 7.06, 7.06); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 4_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$

kg/m³

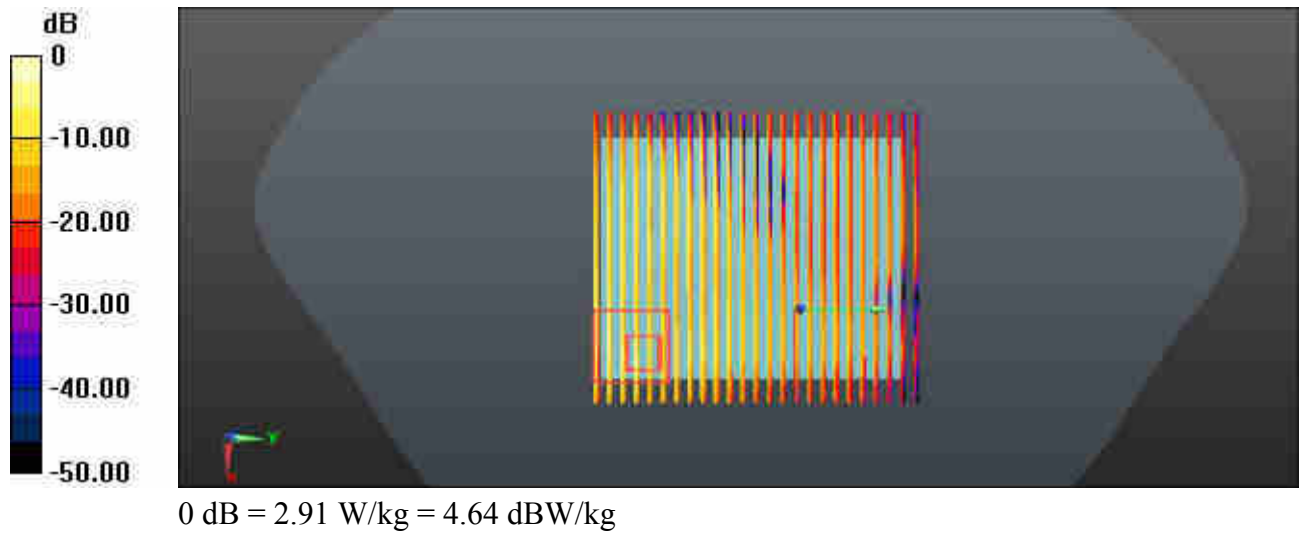
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.574 W/kg

Maximum value of SAR (interpolated) = 2.91 W/kg



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 39_LTE Band 30_10M_QPSK_1RB_0Offset_Back_5mm_Ant 1_Ch27710

Communication System: UID 0, LTE FDD (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL_2300 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.736$ S/m; $\epsilon_r = 39.118$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.06, 7.06, 7.06); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3+4_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

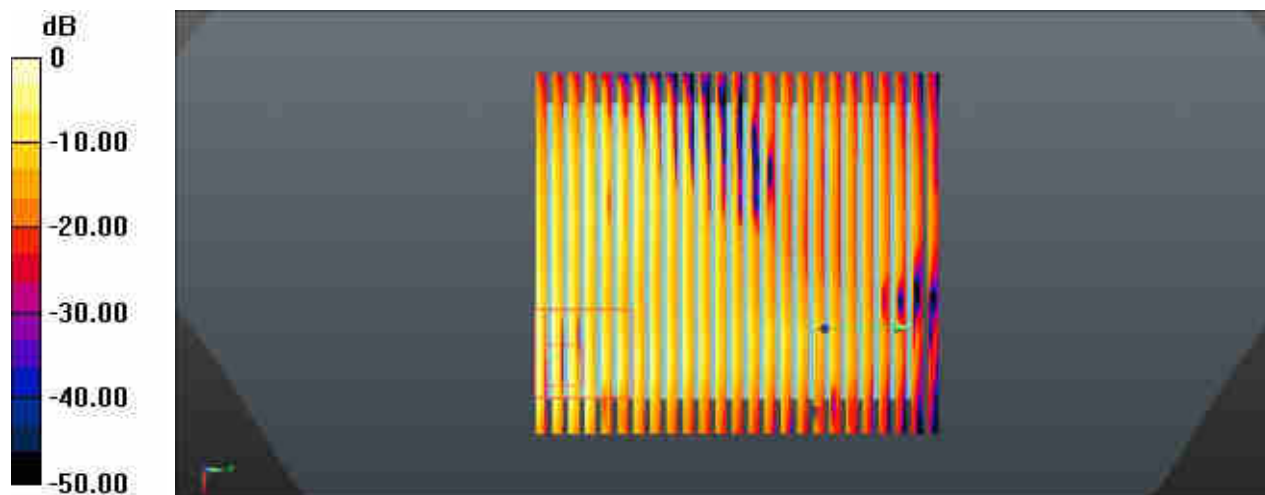
Medium: HSL_2450 Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.435 W/kg

Maximum value of SAR (interpolated) = 2.52 W/kg



0 dB = 2.52 W/kg = 4.01 dBW/kg

Case 40_LTE Band 30_10M_QPSK_1RB_0Offset_Back_5mm_Ant 1_Ch27710

Communication System: UID 0, LTE FDD (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL_2300 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.736$ S/m; $\epsilon_r = 39.118$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.06, 7.06, 7.06); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$

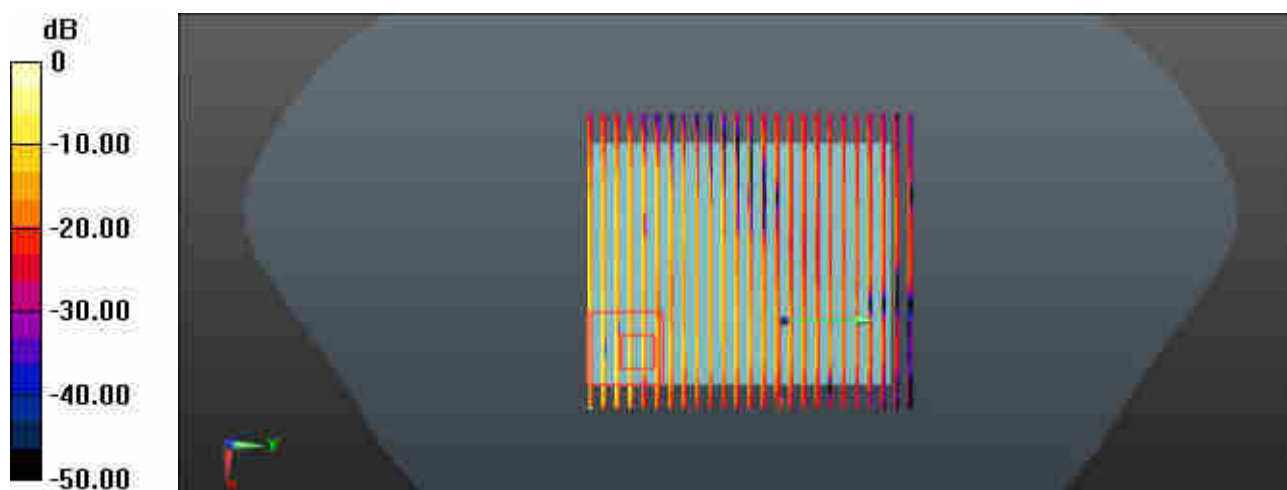
kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.43 W/kg; SAR(10 g) = 0.601 W/kg

Maximum value of SAR (interpolated) = 4.78 W/kg



0 dB = 4.78 W/kg = 6.79 dBW/kg

Case 41_LTE Band 66_20M_QPSK_1RB_0Offset_Back_5mm_Ant 1_Ch132072

Communication System: UID 0, LTE FDD (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL_1750 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 40.512$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.72, 7.72, 7.72); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

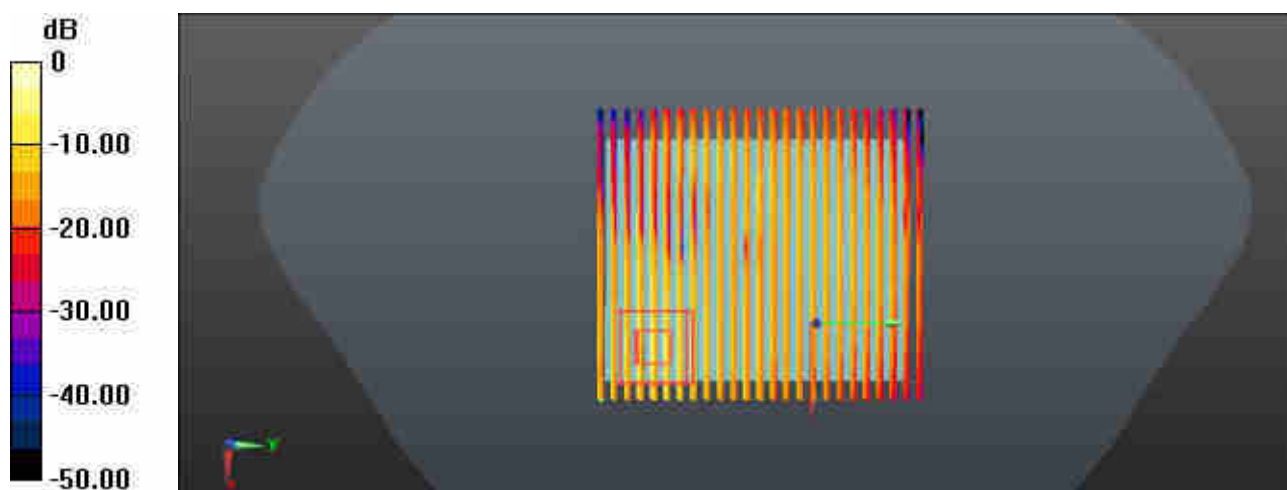
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.51 W/kg; SAR(10 g) = 0.665 W/kg

Maximum value of SAR (interpolated) = 4.63 W/kg



0 dB = 4.63 W/kg = 6.66 dBW/kg

Case 42_LTE Band 66_20M_QPSK_1RB_0Offset_Back_5mm_Ant 1_Ch132072

Communication System: UID 0, LTE FDD (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL_1750 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 40.512$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.72, 7.72, 7.72); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 4_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$

kg/m³

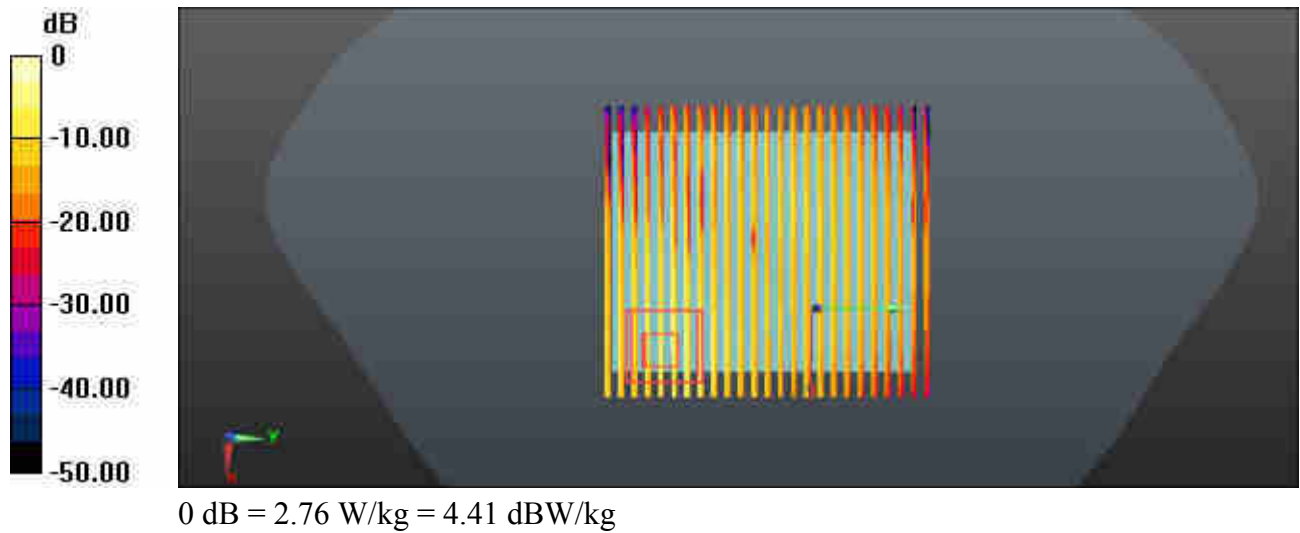
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.646 W/kg

Maximum value of SAR (interpolated) = 2.76 W/kg



Case 43_LTE Band 66_20M_QPSK_1RB_0Offset_Back_5mm_Ant 1_Ch132072

Communication System: UID 0, LTE FDD (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL_1750 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 40.512$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.72, 7.72, 7.72); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$

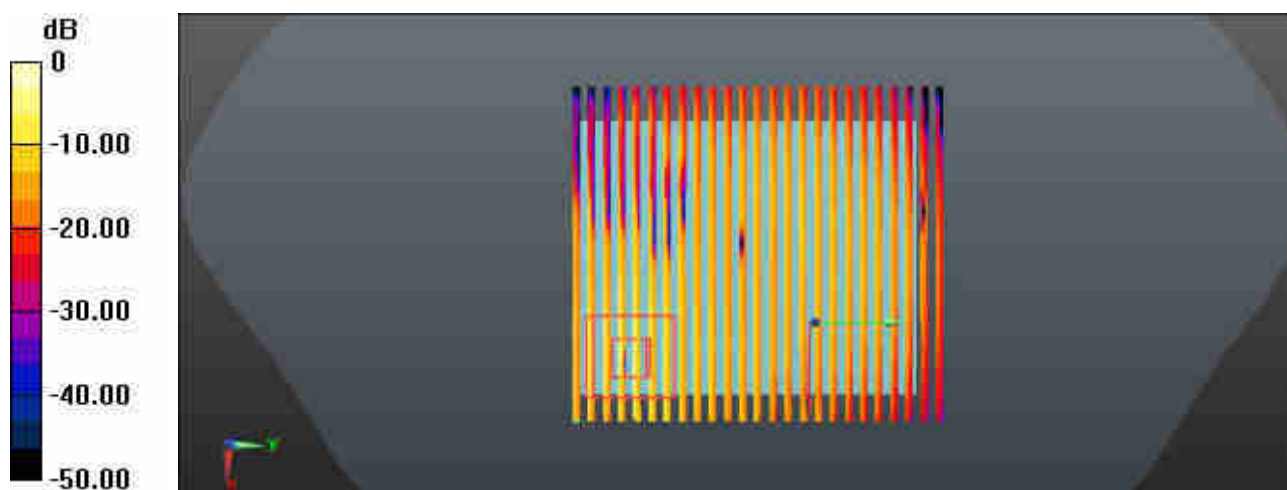
kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.51 W/kg; SAR(10 g) = 0.664 W/kg

Maximum value of SAR (interpolated) = 4.58 W/kg



0 dB = 4.58 W/kg = 6.61 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 44_LTE Band 41_20M_QPSK_1RB_0Offset_Back_5mm_Ant 1_Ch40620

Communication System: UID 0, LTE TDD (0); Frequency: 2593 MHz; Duty Cycle: 1:1.589

Medium: HSL_2600 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.028$ S/m; $\epsilon_r = 38.091$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.76, 6.76, 6.76); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$

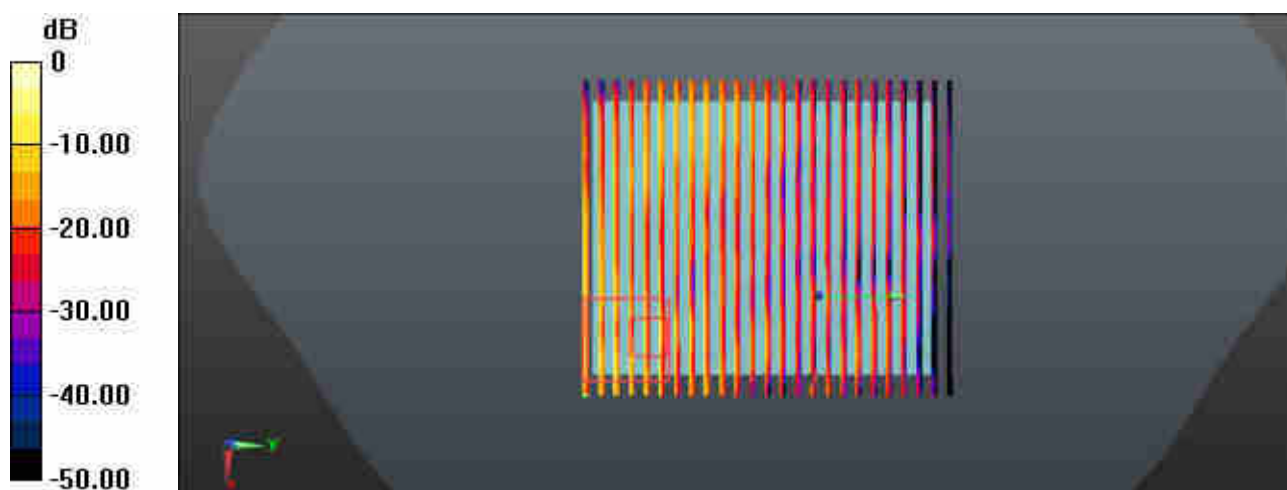
kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.303 W/kg

Maximum value of SAR (interpolated) = 3.47 W/kg



0 dB = 3.47 W/kg = 5.40 dBW/kg

Case 45__LTE Band 41_20M_QPSK_1RB_0Offset_Back_5mm_Ant 1_Ch40620

Communication System: UID 0, LTE TDD (0); Frequency: 2593 MHz; Duty Cycle: 1:1.589

Medium: HSL_2600 Medium parameters used: $f = 2593$ MHz; $\sigma = 2.028$ S/m; $\epsilon_r = 38.091$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.76, 6.76, 6.76); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 4_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³

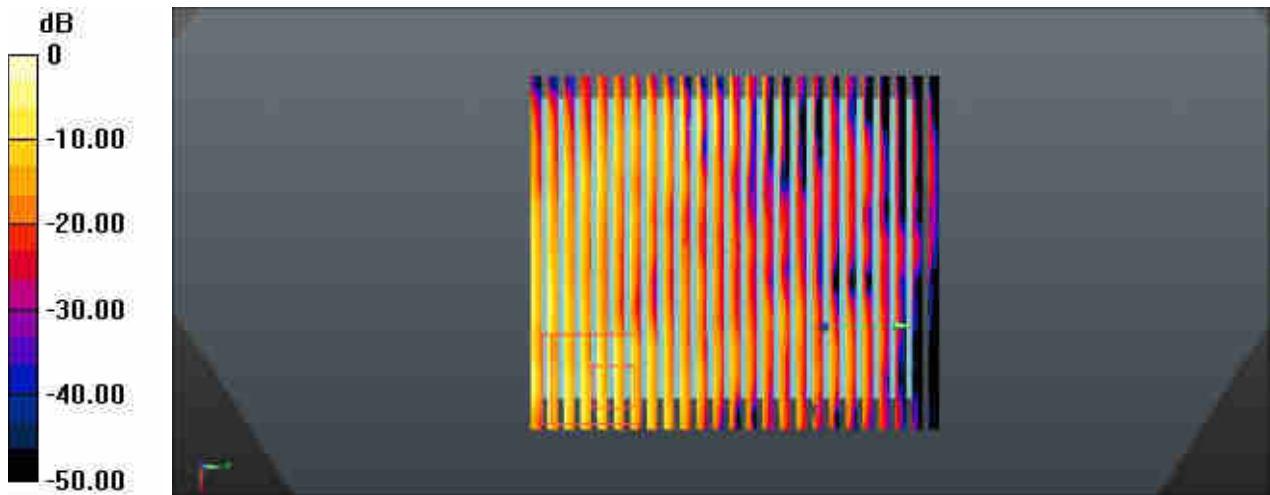
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753

- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.69 W/kg; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (interpolated) = 2.72 W/kg



0 dB = 2.72 W/kg = 4.35 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 48_FR1 n25_Ant 2_20M_QPSK_50RB_28Offset_Back_5mm_Ch372000

Communication System: UID 0, 5G NR (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 39.216$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.41, 7.41, 7.41); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$

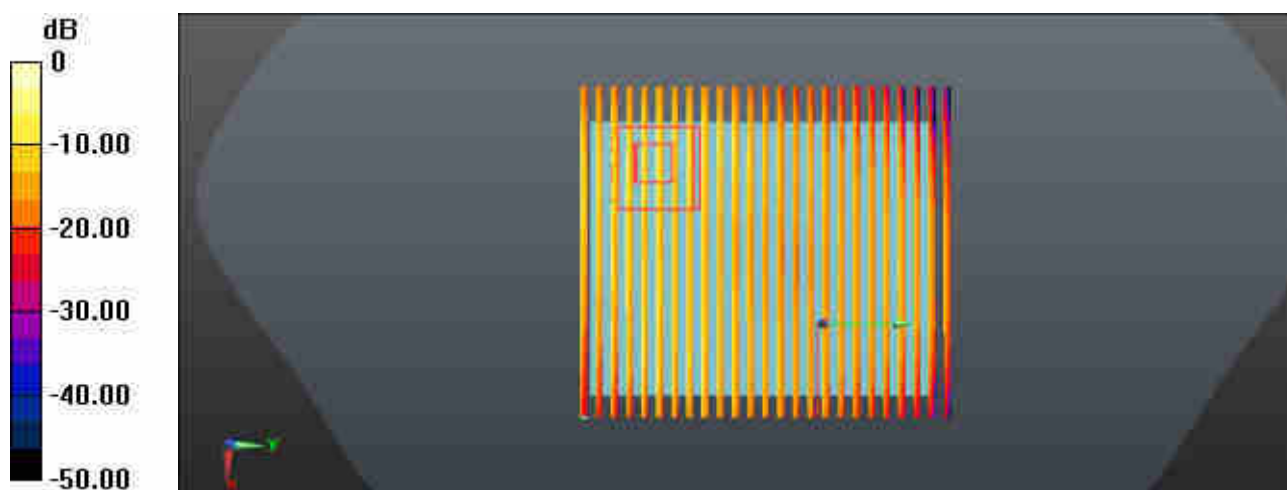
kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.955 W/kg; SAR(10 g) = 0.510 W/kg

Maximum value of SAR (interpolated) = 3.64 W/kg



0 dB = 3.64 W/kg = 5.61 dBW/kg

Case 49_FR1 n25_Ant 2_20M_QPSK_50RB_28Offset_Back_5mm_Ch372000

Communication System: UID 0, 5G NR (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 39.216$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.41, 7.41, 7.41); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 4_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$

kg/m³

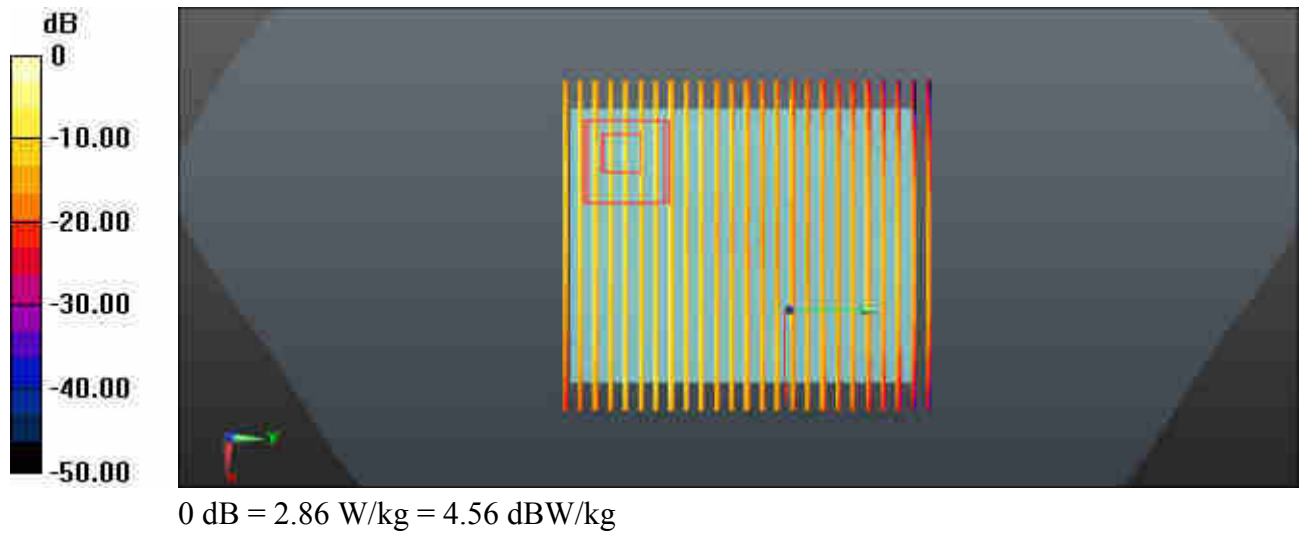
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.964 W/kg; SAR(10 g) = 0.495 W/kg

Maximum value of SAR (interpolated) = 2.86 W/kg



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 92_FR1 n66_Ant 2_20M_QPSK_50RB_28Offset_Back_5mm_Ch354000

Communication System: UID 0, 5G NR (0); Frequency: 1770 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL_1750 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.371$ S/m; $\epsilon_r = 40.307$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.72, 7.72, 7.72); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Close_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

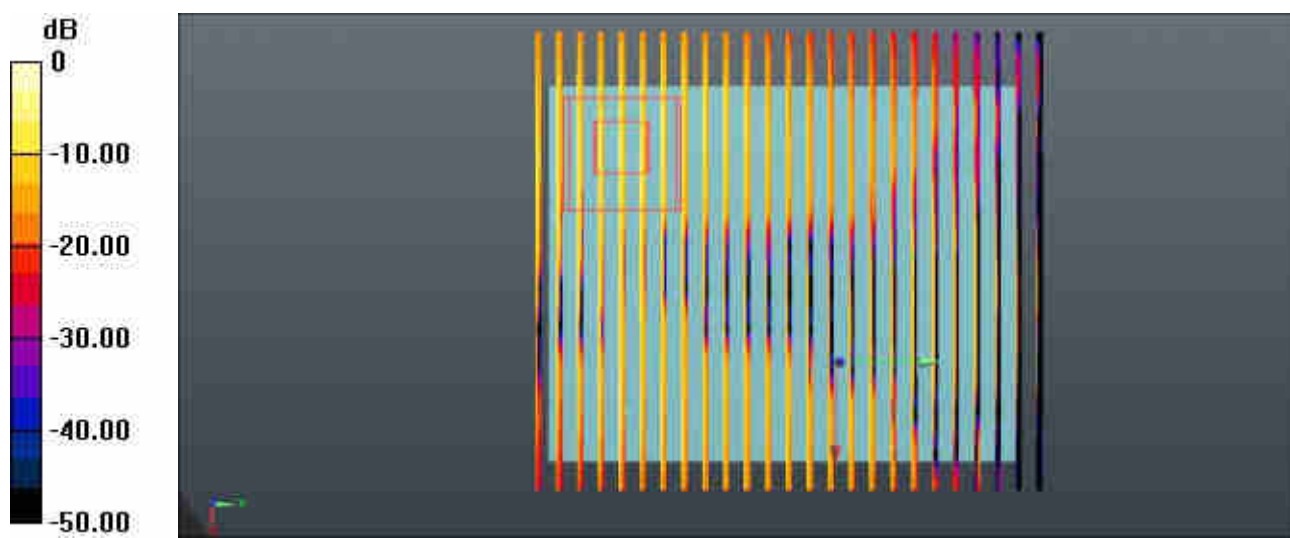
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.589 W/kg

Maximum value of SAR (interpolated) = 3.56 W/kg



0 dB = 3.56 W/kg = 5.51 dBW/kg

Case 93_FR1 n66_Ant 2_20M_QPSK_50RB_28Offset_Back_5mm_Ch354000

Communication System: UID 0, 5G NR (0); Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL_1750 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.371$ S/m; $\epsilon_r = 40.307$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.72, 7.72, 7.72); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 4_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$

kg/m³

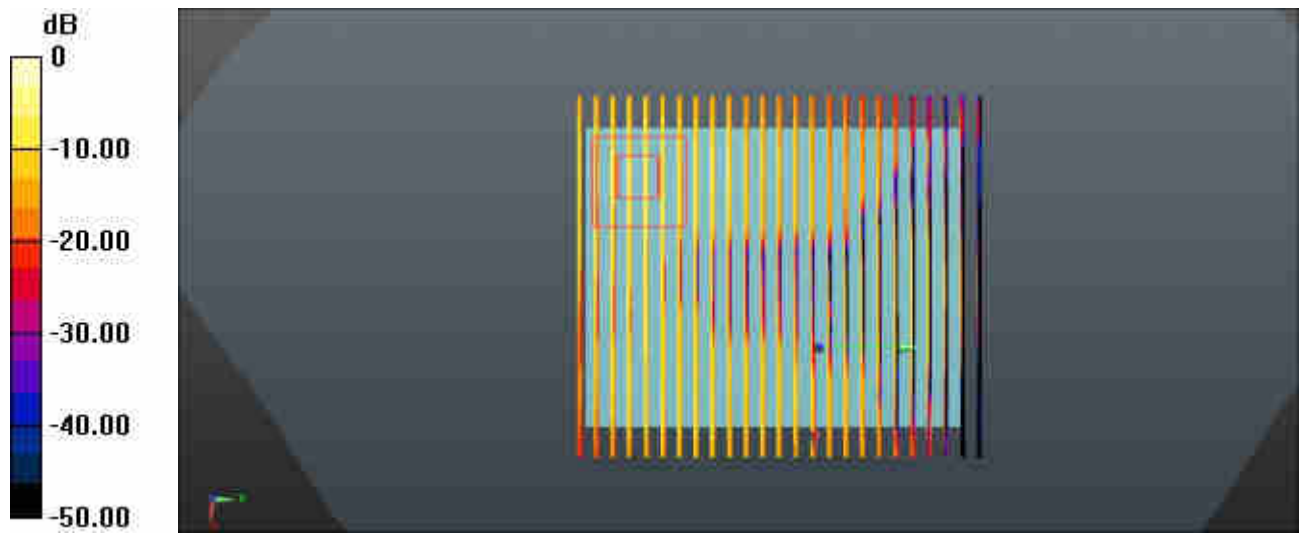
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.577 W/kg

Maximum value of SAR (interpolated) = 2.84 W/kg



0 dB = 2.84 W/kg = 4.53 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 95_FR1 n66_Ant 1_20M_QPSK_1RB_53Offset_Back_5mm_Ch344000

Communication System: UID 0, 5G NR (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL_1750 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 40.512$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.72, 7.72, 7.72); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$

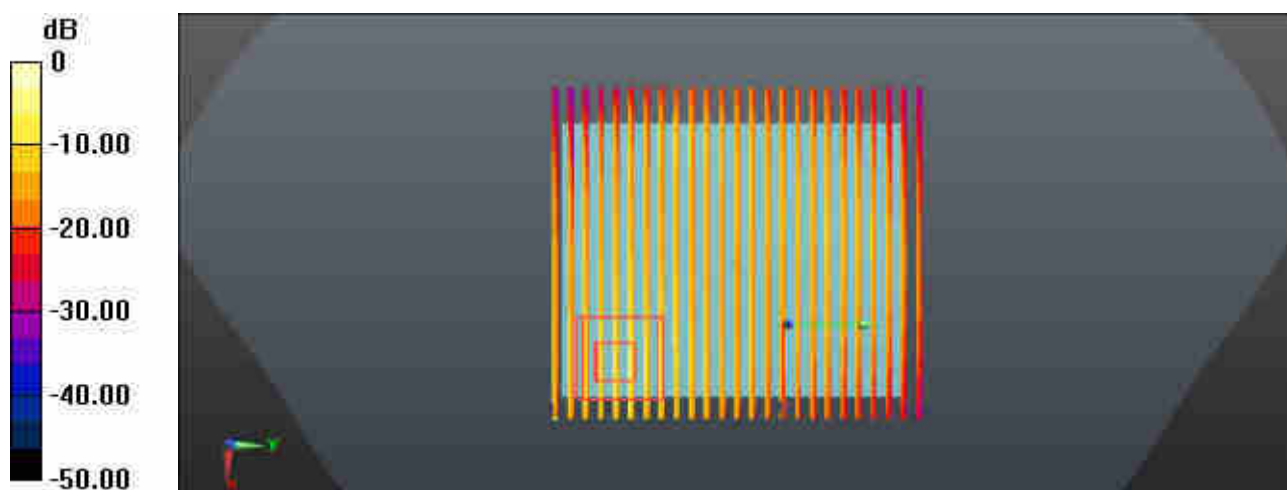
kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.59 W/kg; SAR(10 g) = 0.72 W/kg

Maximum value of SAR (interpolated) = 4.67 W/kg



0 dB = 4.67 W/kg = 8.46 dBW/kg

Case 96_FR1 n66_Ant 1_20M_QPSK_1RB_53Offset_Back_5mm_Ch344000

Communication System: UID 0, 5G NR (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL_1750 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 40.512$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.72, 7.72, 7.72); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 4_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$

kg/m³

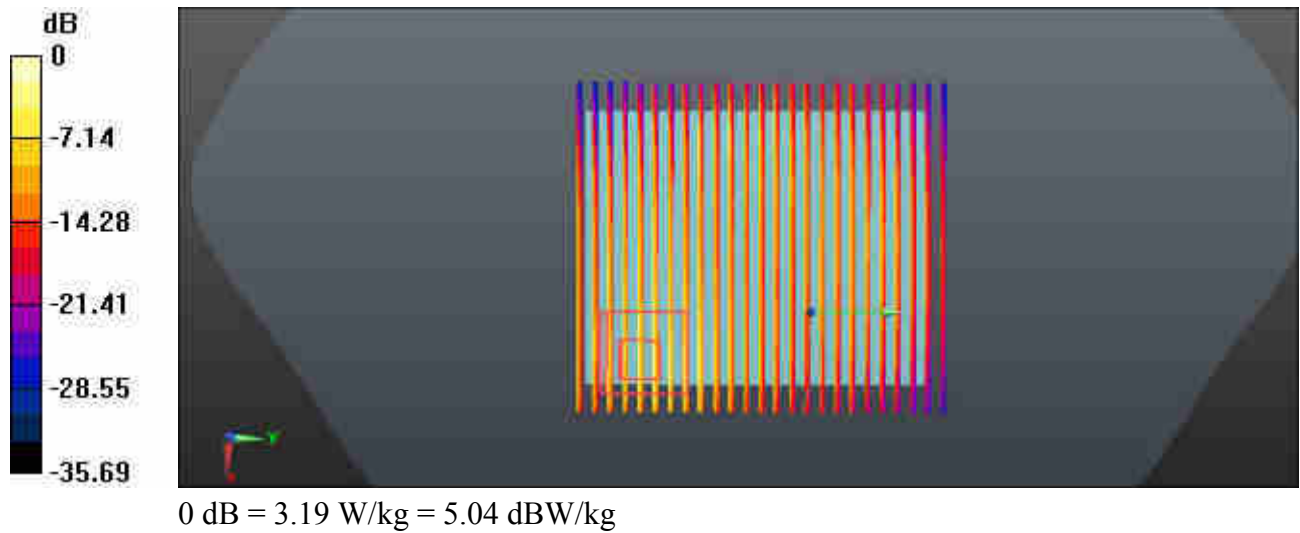
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.51 W/kg; SAR(10 g) = 0.755 W/kg

Maximum value of SAR (interpolated) = 3.19 W/kg



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 97_FR1 n66_Ant 1_20M_QPSK_1RB_53Offset_Back_5mm_Ch344000

Communication System: UID 0, 5G NR (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL_1750 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 40.512$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.72, 7.72, 7.72); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3+4_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

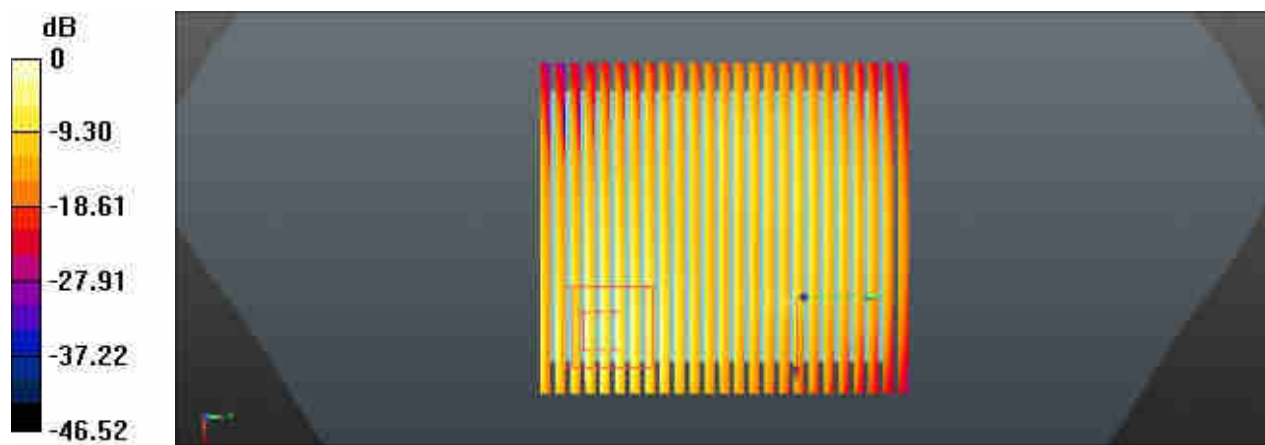
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.982 W/kg; SAR(10 g) = 0.555 W/kg

Maximum value of SAR (interpolated) = 2.21 W/kg



0 dB = 2.21 W/kg = 3.44 dBW/kg

Case 98_FR1 n66_Ant 1_20M_QPSK_1RB_53Offset_Back_5mm_Ch344000

Communication System: UID 0, 5G NR (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL_1750 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.319$ S/m; $\epsilon_r = 40.512$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.72, 7.72, 7.72); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

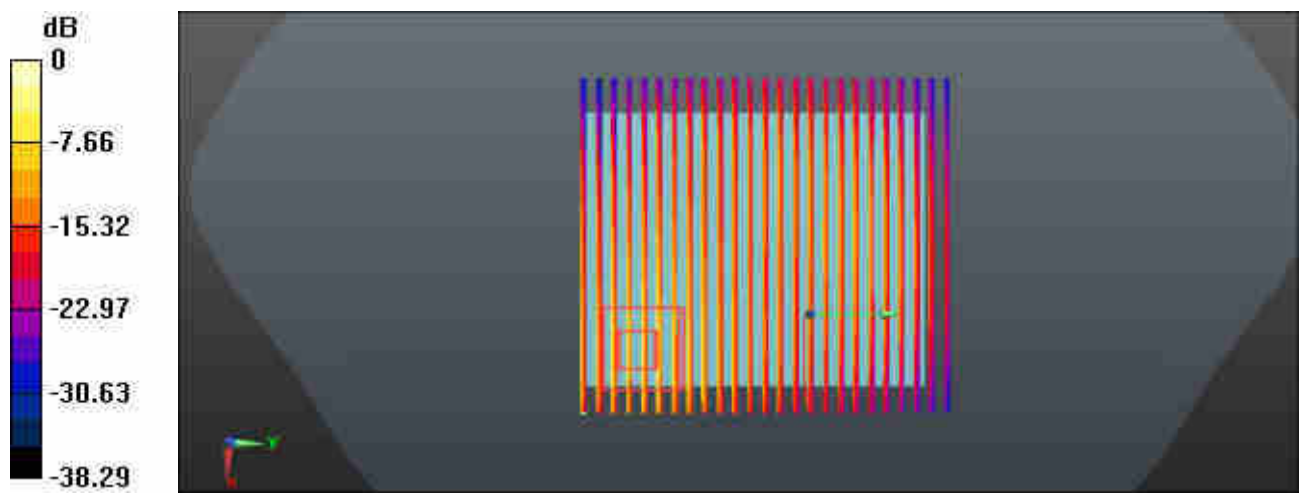
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.59 W/kg; SAR(10 g) = 0.713 W/kg

Maximum value of SAR (interpolated) = 4.59 W/kg



0 dB = 4.59 W/kg = 8.43 dBW/kg

Case 50_CDMA BC0_RC3 SO32(+F-SCH)_Back_5mm_Ant 1_Ch384

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 837$ MHz; $\sigma = 0.898$ S/m; $\epsilon_r = 41.1$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(8.69, 8.69, 8.69); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$

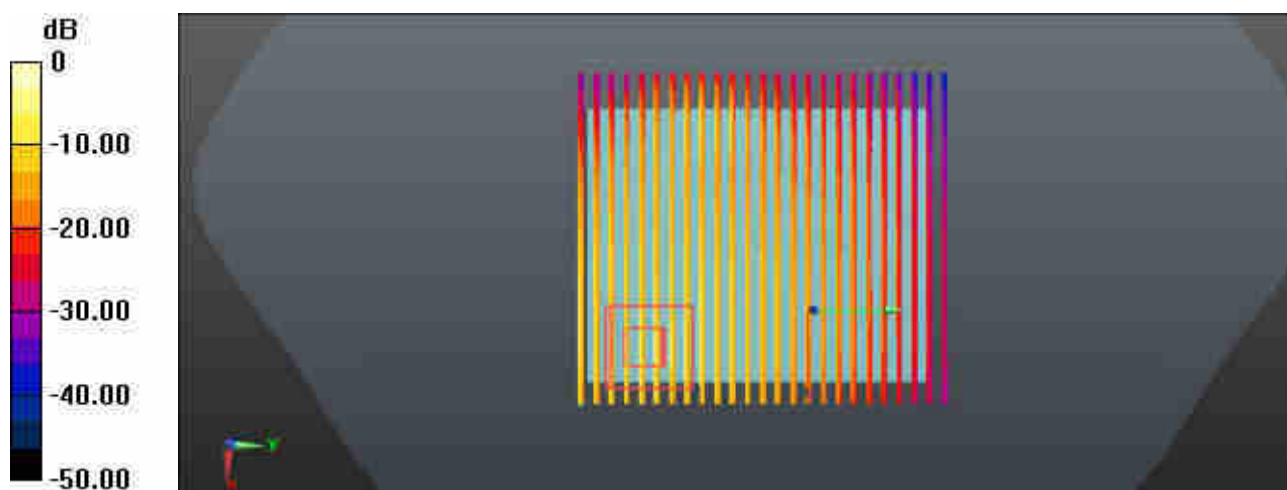
kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.45 W/kg; SAR(10 g) = 0.694 W/kg

Maximum value of SAR (interpolated) = 4.48 W/kg



0 dB = 4.48 W/kg = 6.51 dBW/kg

Case 51_CDMA BC1_RC3 SO32(+F-SCH)_Back_5mm_Ant 1_Ch25

Communication System: UID 0, CDMA (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.349$ S/m; $\epsilon_r = 39.242$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.41, 7.41, 7.41); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

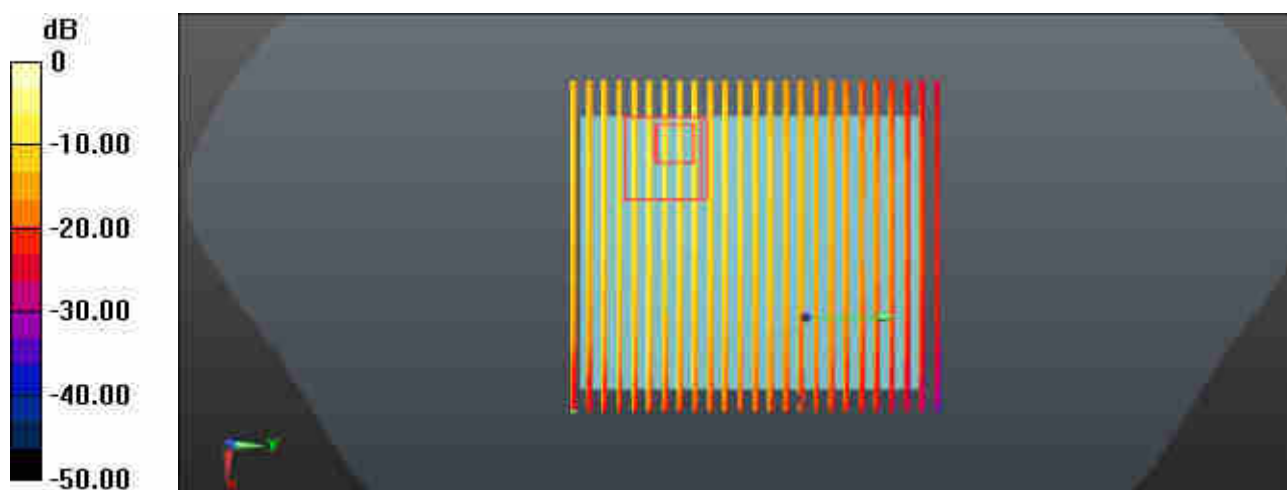
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.556 W/kg

Maximum value of SAR (interpolated) = 3.41 W/kg



0 dB = 3.41 W/kg = 5.33 dBW/kg

Case 52_CDMA BC1_RC3 SO32(+F-SCH)_Back_5mm_Ant 1_Ch25

Communication System: UID 0, CDMA (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1851.25$ MHz; $\sigma = 1.349$ S/m; $\epsilon_r = 39.242$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(7.41, 7.41, 7.41); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 4_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$ kg/m³

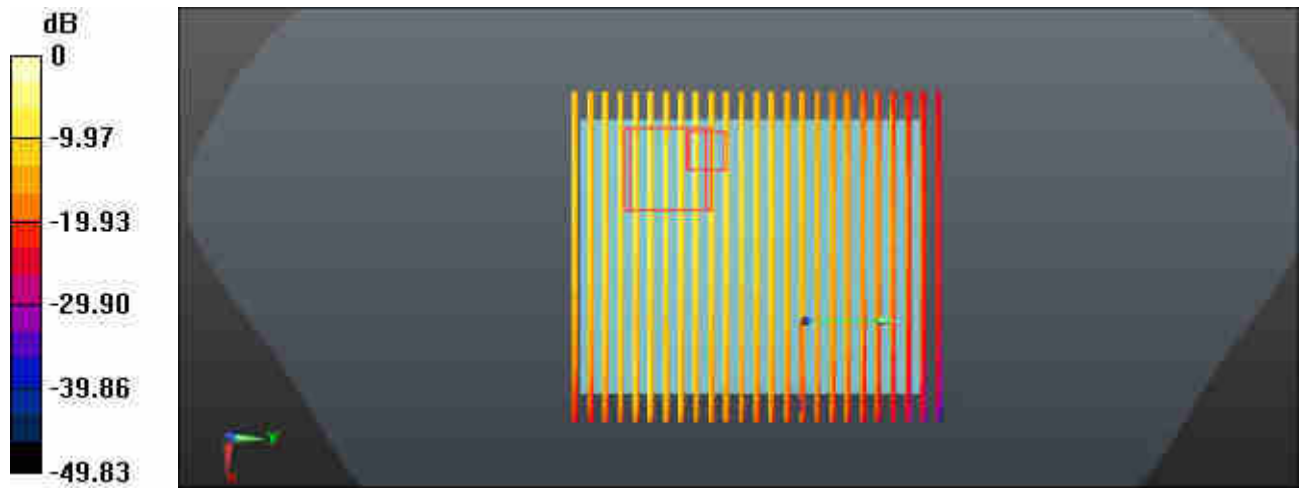
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.539 W/kg

Maximum value of SAR (interpolated) = 3.14 W/kg



0 dB = 3.14 W/kg = 4.97 dBW/kg

Case 53_CDMA BC10_RC3 SO32(+F-SCH)_Back_5mm_Ant 1_Ch580

Communication System: UID 0, CDMA (0); Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 41.304$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(8.69, 8.69, 8.69); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$

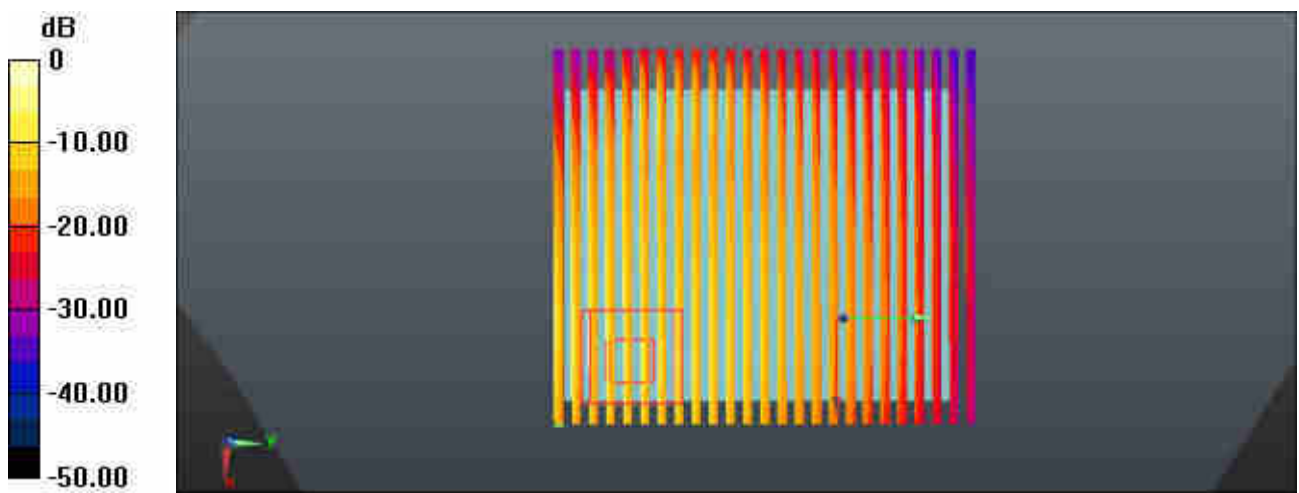
kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.47 W/kg; SAR(10 g) = 0.712 W/kg

Maximum value of SAR (interpolated) = 4.51 W/kg



0 dB = 4.51 W/kg = 6.54 dBW/kg

Case 54_CDMA BC10_RC3 SO32(+F-SCH)_Back_5mm_Ant 1_Ch580

Communication System: UID 0, CDMA (0); Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL_835 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 41.304$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(8.69, 8.69, 8.69); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 4_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_1Mbps_Back_5mm_Ant 4_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.08

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.608$; $\rho = 1000$

kg/m³

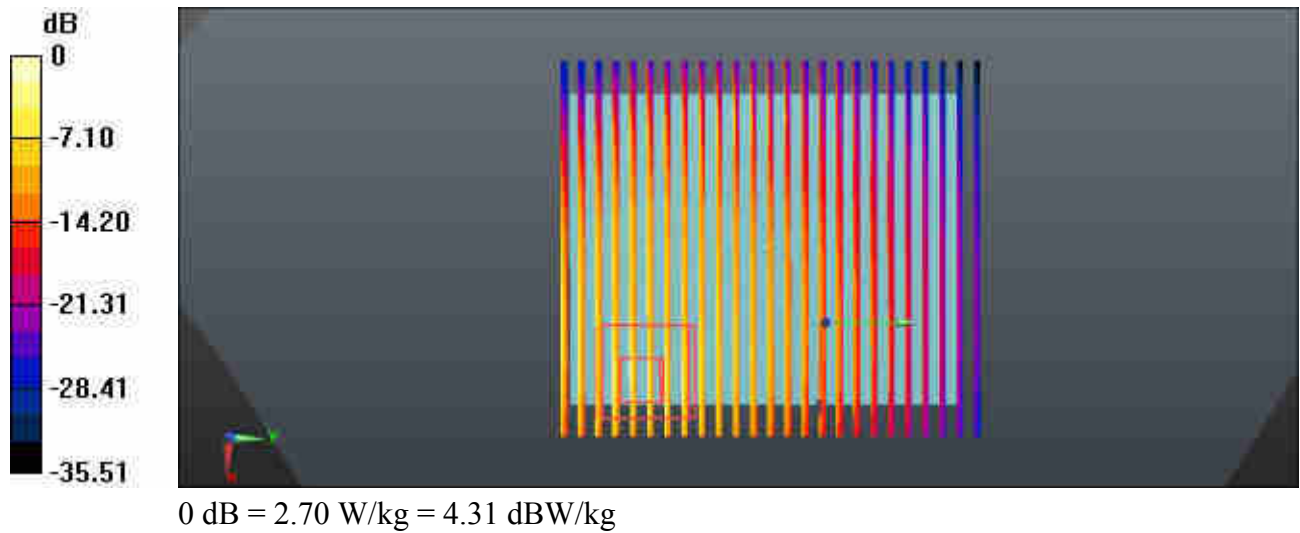
Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.699 W/kg

Maximum value of SAR (interpolated) = 2.70 W/kg



Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 55_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 3_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

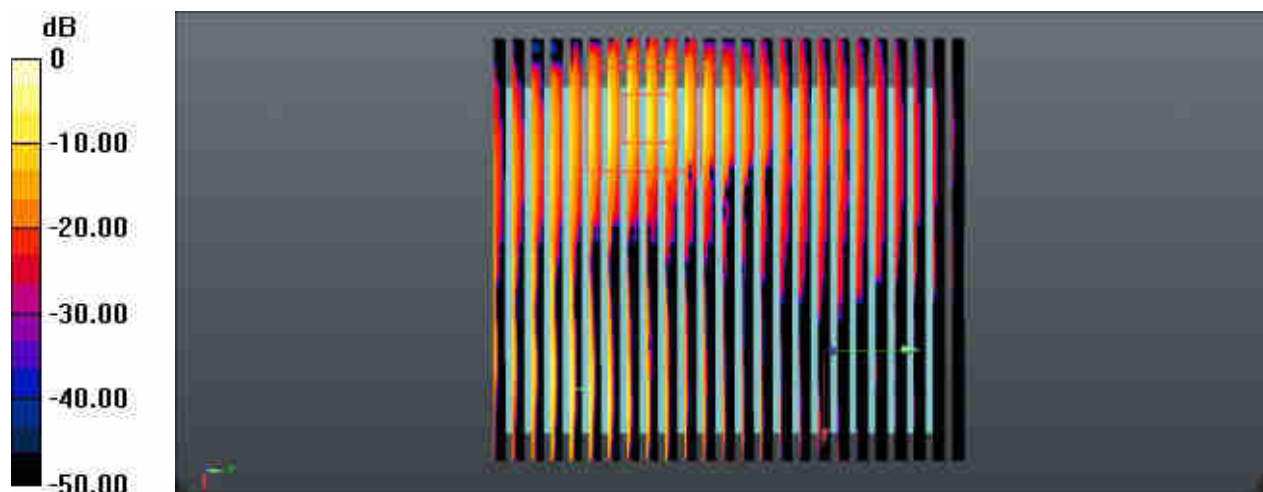
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.404 W/kg

Maximum value of SAR (interpolated) = 4.87 W/kg



0 dB = 4.87 W/kg = 8.33 dBW/kg

Test Laboratory: Sporton International Inc. SAR/HAC Testing Lab

Case 56_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Close_Ch1

Communication System: UID 0, WIFI2.4G (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.562$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(6.85, 6.85, 6.85); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_Ant 4_802.11ac VHT80 MCS0_Back_5mm_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5775 MHz; Duty Cycle: 1:1.1.089

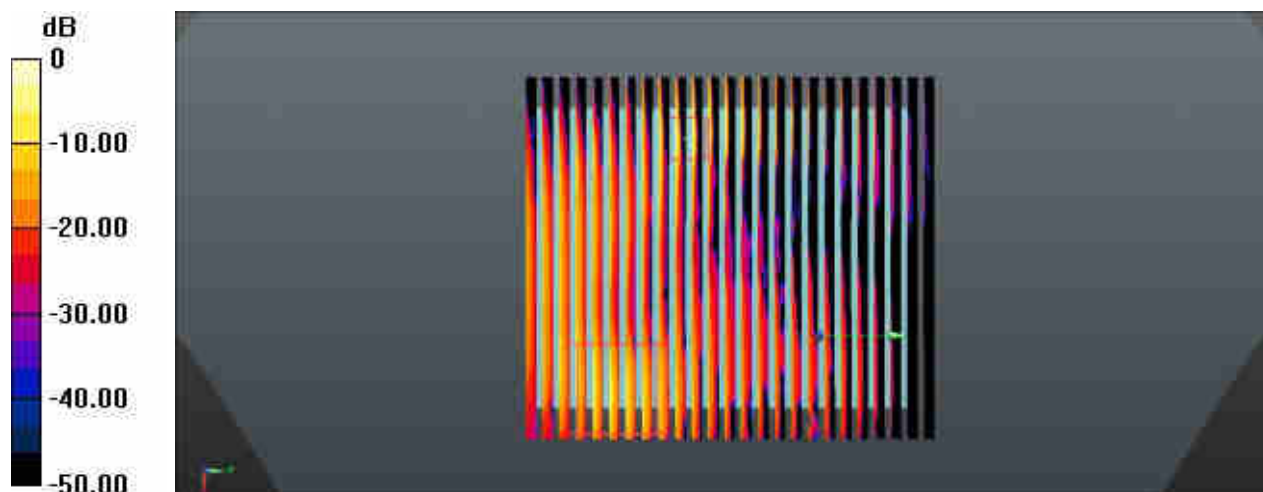
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.219$ S/m; $\epsilon_r = 34.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3843; ConvF(4.35, 4.35, 4.35); Calibrated: 2020.9.23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2020.11.27
- Phantom: SAM1; Type: SAM; Serial: TP-1753
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.369 W/kg

Maximum value of SAR (interpolated) = 5.99 W/kg



0 dB = 5.99 W/kg = 8.18 dBW/kg