

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

Case 42_LTE Band 2_Ant 1_20M_QPSK_1RB_0Offset_Back_0mm_Ch18900

Communication System: UID 0, LTE FDD (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium: HSL_1900 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.394$ S/m; $\epsilon_r = 39.961$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(8.35, 8.35, 8.35); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

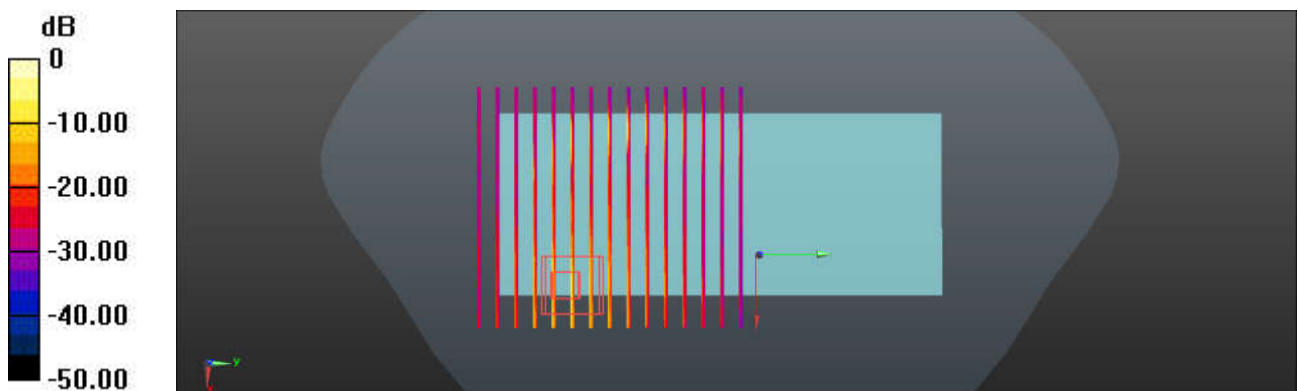
WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ant 3+4_Ch106

Communication System: UID 0, WLAN5G (0); Frequency: 5290 MHz; Duty Cycle: 1:1.089
Medium: HSL_5000 Medium parameters used: $f = 5290$ MHz; $\sigma = 5.006$ S/m; $\epsilon_r = 35.493$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(5.04, 5.04, 5.04); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 4.71 W/kg; SAR(10 g) = 2.52 W/kg

Maximum value of SAR (interpolated) = 2.89 W/kg



0 dB = 2.89 W/kg = 4.61 dBW/kg

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

Case 43_LTE Band 66_Ant 1_20M_QPSK_1RB_0Offset_Back_0mm_Ch132072

Communication System: UID 0, LTE FDD (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.324$ S/m; $\epsilon_r = 39.57$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(8.6, 8.6, 8.6); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

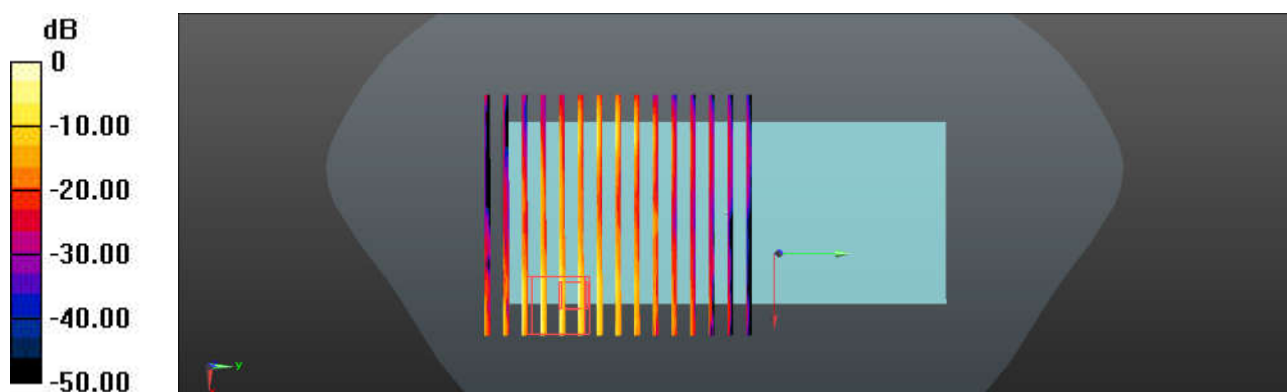
WLAN2.4GHz_802.11b 1Mbps_Back_0mm_Ant 3+4_Ch11

Communication System: UID 0, WIFI2.4G (0); Frequency: 2462 MHz; Duty Cycle: 1:1.
Medium: HSL_2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.895$ S/m; $\epsilon_r = 40.768$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(7.6, 7.6, 7.6); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 6.3 W/kg; SAR(10 g) = 3.16 W/kg

Maximum value of SAR (interpolated) = 17.5 W/kg



0 dB = 17.5 W/kg = 12.43 dBW/kg

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

Case 44_LTE Band 66_Ant 1_20M_QPSK_1RB_0Offset_Back_0mm_Ch132072

Communication System: UID 0, LTE FDD (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.324$ S/m; $\epsilon_r = 39.57$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(8.6, 8.6, 8.6); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

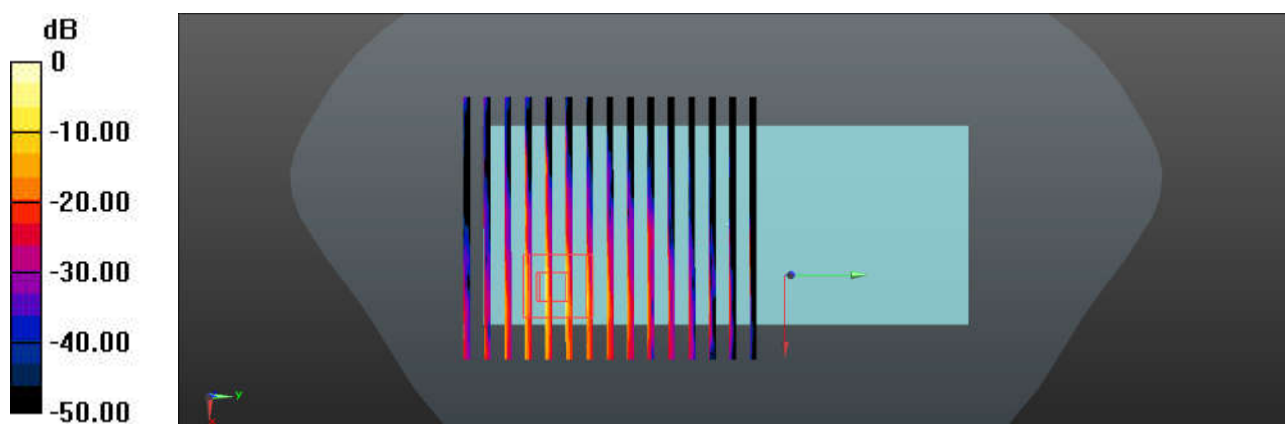
WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ant 3_Ch54

Communication System: UID 0, WLAN5G (0); Frequency: 5530 MHz; Duty Cycle: 1:1.089
Medium: HSL_5000 Medium parameters used: $f = 5530$ MHz; $\sigma = 5.747$ S/m; $\epsilon_r = 35.944$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.76, (4.76, (4.76); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 4.97 W/kg; SAR(10 g) = 2.71 W/kg

Maximum value of SAR (interpolated) = 4.92 W/kg



0 dB = 4.92 W/kg = 6.91 dBW/kg

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

Case 45_LTE Band 66_Ant 1_20M_QPSK_1RB_0Offset_Back_0mm_Ch132072

Communication System: UID 0, LTE FDD (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.324$ S/m; $\epsilon_r = 39.57$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(8.6, 8.6, 8.6); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

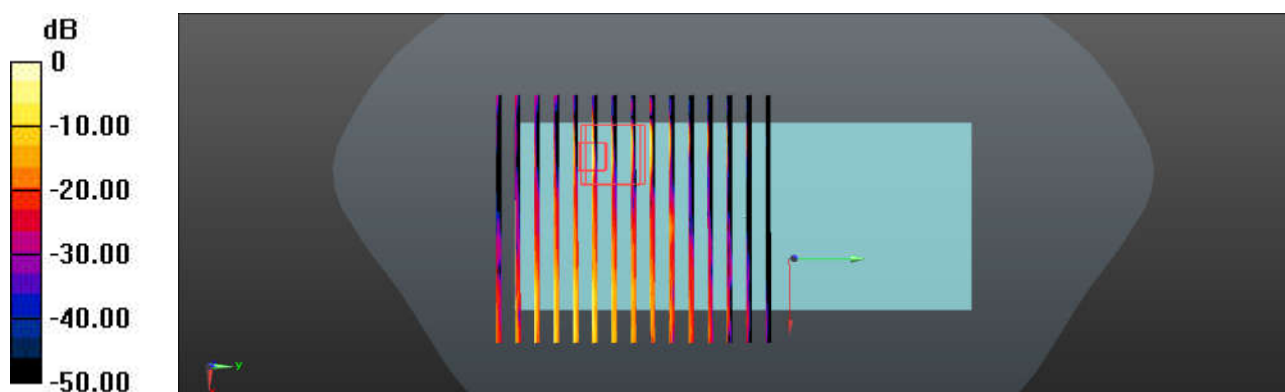
WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ant 4_Ch155

Communication System: UID 0, WLAN5G (0); Frequency: 5530 MHz; Duty Cycle: 1:1.087
Medium: HSL_5000 Medium parameters used: $f = 5530$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.76, (4.76, (4.76); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 4.75 W/kg; SAR(10 g) = 2.59 W/kg

Maximum value of SAR (interpolated) = 4.4 W/kg



0 dB = 4.4 W/kg = 6.43 dBW/kg

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Case 46_LTE Band 66_Ant 1_20M_QPSK_1RB_0Offset_Back_0mm_Ch132072

Communication System: UID 0, LTE FDD (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium: HSL_1750 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.324$ S/m; $\epsilon_r = 39.57$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(8.6, 8.6, 8.6); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

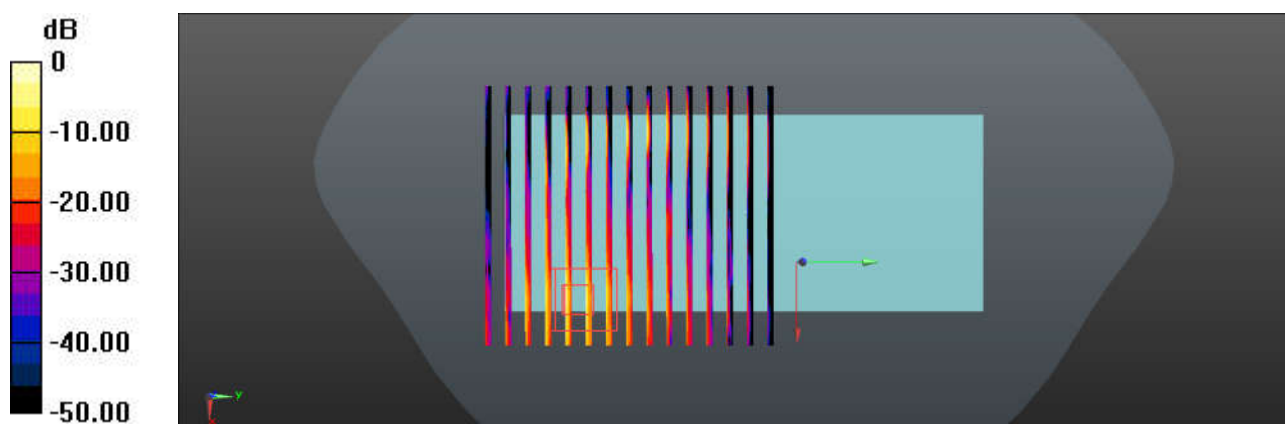
WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ant 3+4_Ch106

Communication System: UID 0, WLAN5G (0); Frequency: 5290 MHz; Duty Cycle: 1:1.089
Medium: HSL_5000 Medium parameters used: $f = 5290$ MHz; $\sigma = 5.006$ S/m; $\epsilon_r = 35.493$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(5.04, 5.04, 5.04); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 5.73 W/kg; SAR(10 g) = 3.12 W/kg

Maximum value of SAR (interpolated) = 3.7 W/kg



0 dB = 3.7 W/kg = 5.68 dBW/kg