

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

Case 01_GSM850_Ant 1_GPRS (2 Tx slots)_Back_5mm_Ch128

Communication System: UID 0, GSM850 (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium: HSL_850 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 42.043$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); 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_5mm_Ant 3+4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); 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)

Bluetooth_Ant 4DH5 1Mbps_Back_5mm_Ch0

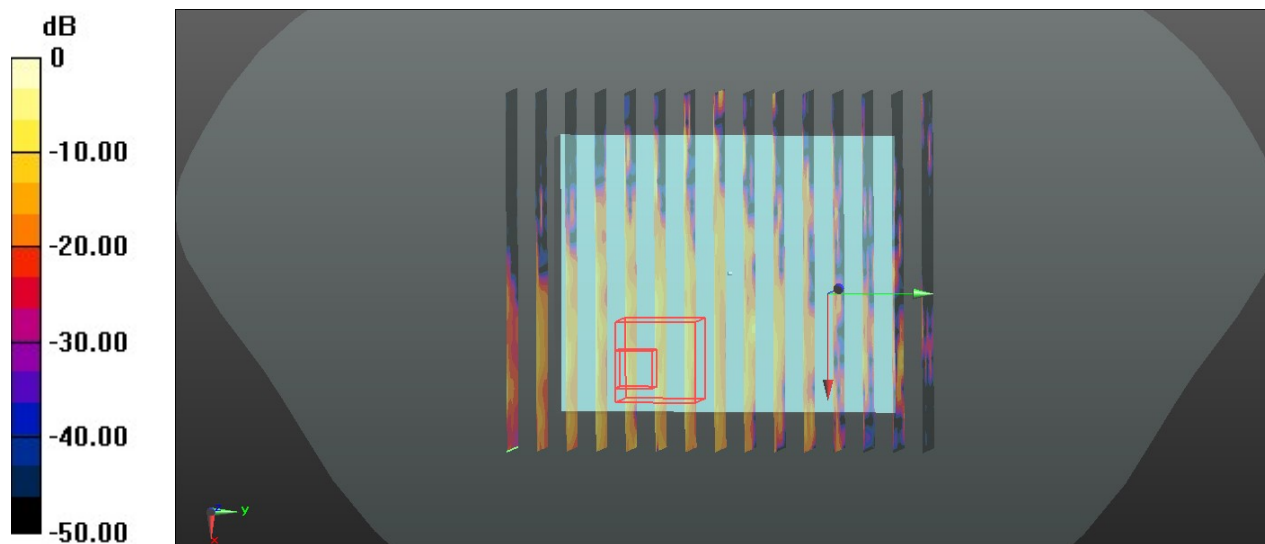
Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$ kg/m³

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) = 1.36 W/kg; SAR(10 g) = 0.647 W/kg

Maximum value of SAR (interpolated) = 6.99 W/kg



0 dB = 6.99 W/kg = 8.44 dBW/kg

Case 02_GSM850_Ant 1_GPRS (2 Tx slots)_Back_5mm_Ch128

Communication System: UID 0, GSM850 (0); Frequency: 824.2 MHz; Duty Cycle: 1:4.15
Medium: HSL_850 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 42.043$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); 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_5mm_Ant 3_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$ 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)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); 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)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

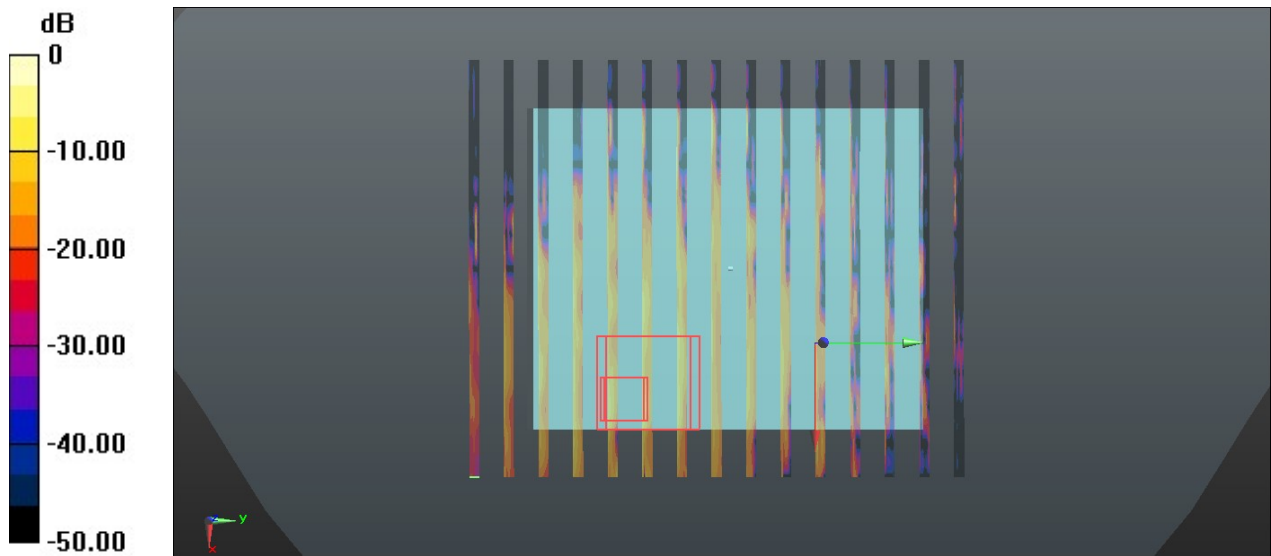
Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- 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) = 1.04 W/kg; SAR(10 g) = 0.571 W/kg

Maximum value of SAR (interpolated) = 6.99 W/kg



0 dB = 6.99 W/kg = 8.44 dBW/kg

Case 03_GSM1900_Ant 1_GPRS (3 Tx slots)_Back_5mm_Ch512

Communication System: UID 0, PCS (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.77

Medium: HSL_1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.364$ S/m; $\epsilon_r = 40.085$; $\rho = 1000$ 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$ 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

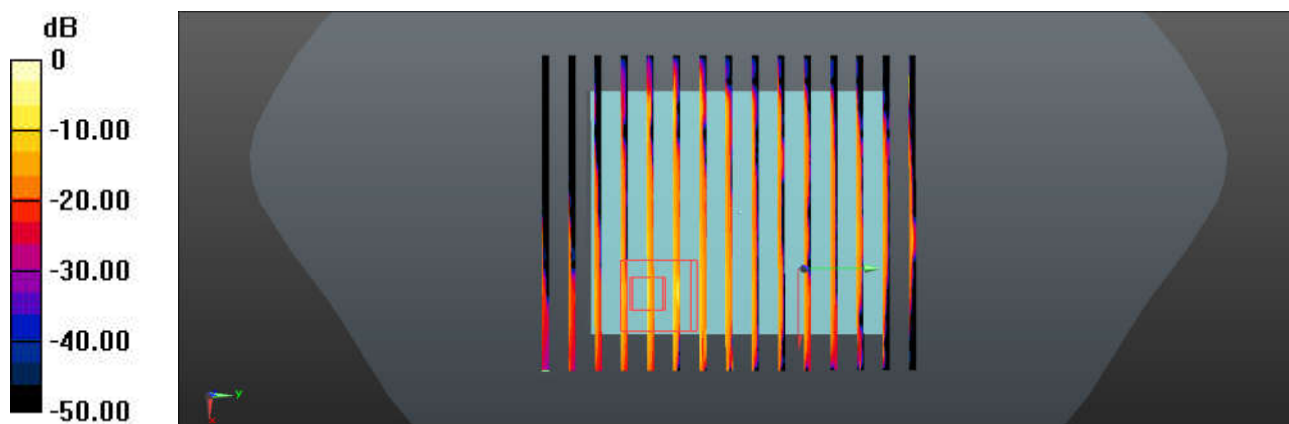
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.49 W/kg; SAR(10 g) = 0.661 W/kg

Maximum value of SAR (interpolated) = 10.6 W/kg



0 dB = 10.6 W/kg = 10.25 dBW/kg

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

Case 04_GSM1900_Ant 1_GPRS (3 Tx slots)_Back_5mm_Ch512

Communication System: UID 0, PCS (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.77

Medium: HSL_1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.364$ S/m; $\epsilon_r = 40.085$; $\rho = 1000$ 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_5mm_Ant 3+4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); 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)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

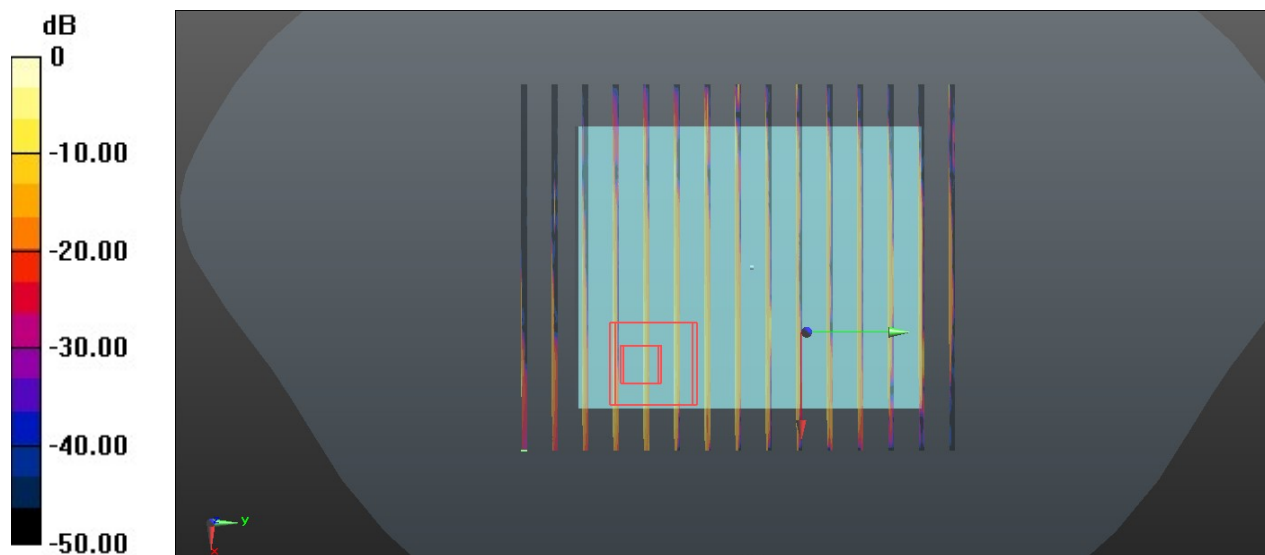
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$ kg/m³

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) = 1.53 W/kg; SAR(10 g) = 0.698 W/kg

Maximum value of SAR (interpolated) = 6.41 W/kg



0 dB = 6.41 W/kg = 8.07 dBW/kg

Case 05_GSM1900_Ant 1_GPRS (3 Tx slots)_Back_5mm_Ch512

Communication System: UID 0, PCS (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.77

Medium: HSL_1900 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.364$ S/m; $\epsilon_r = 40.085$; $\rho = 1000$ 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$ 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$ kg/m³

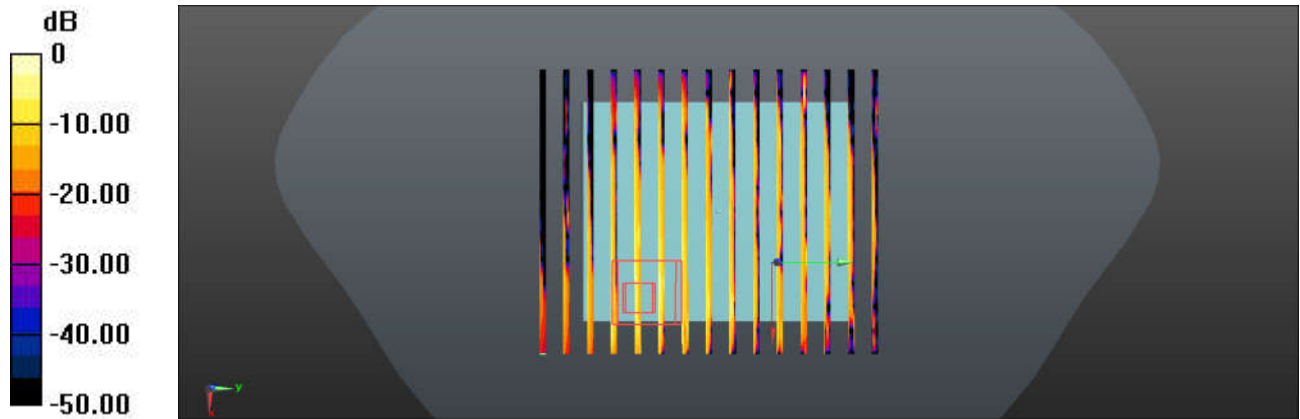
Phantom section: Flat Section

- 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.663 W/kg

Maximum value of SAR (interpolated) = 3.60 W/kg



0 dB = 3.60 W/kg = 5.56 dBW/kg

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

Case 06_WCDMA II_Ant 1_RMC 12.2Kbps_Back_5mm_Ch9262

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.076$; $\rho = 1000$ 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)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$ 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)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

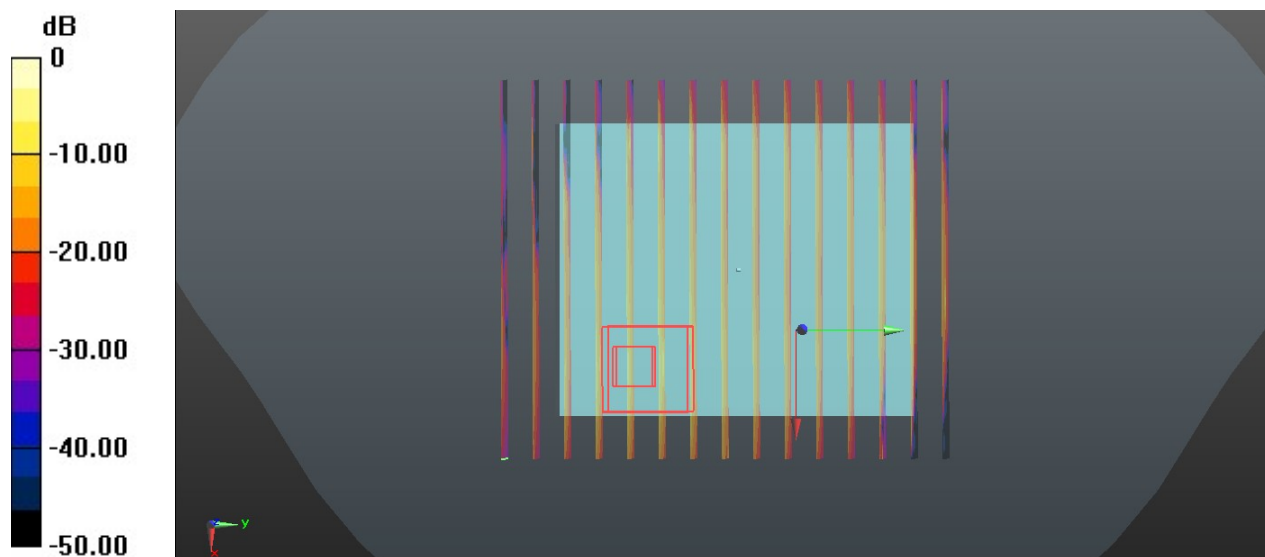
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); 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) = 1.11 W/kg; SAR(10 g) = 0.561 W/kg

Maximum value of SAR (interpolated) = 8.04 W/kg



0 dB = 8.04 W/kg = 9.05 dBW/kg

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

Case 07_WCDMA II_Ant 1_RMC 12.2Kbps_Back_5mm_Ch9262

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.076$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(8.35, 8.35, 8.35); Calibrated: 2020.5.27
- Sensor-Surface: 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_5mm_Ant 3+4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); 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)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

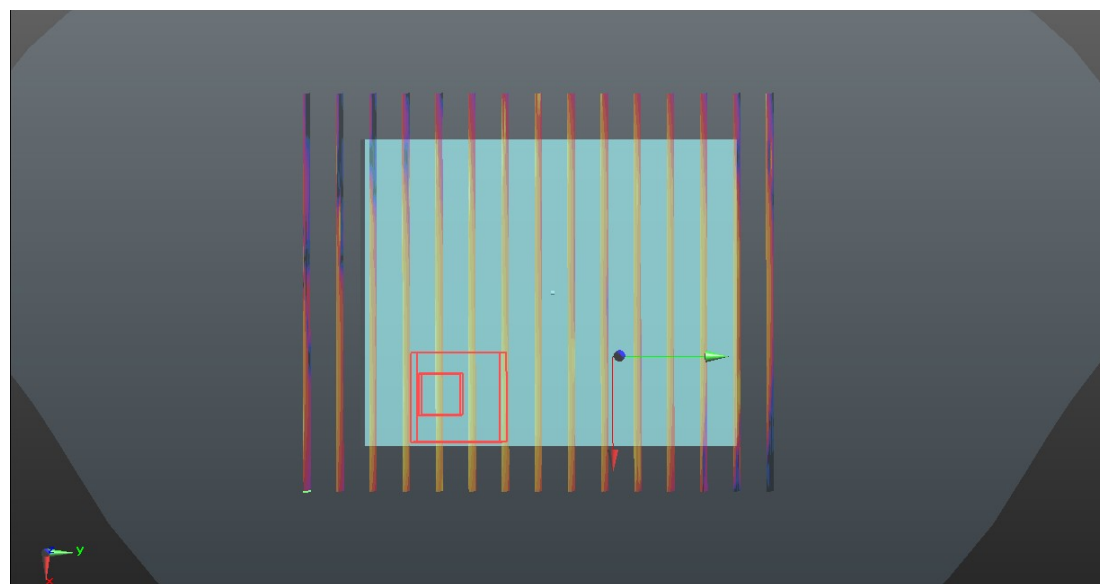
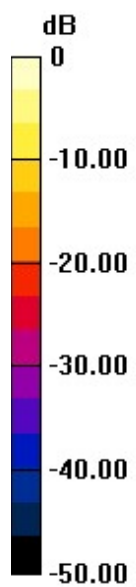
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$ kg/m³

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) = 1.09 W/kg; SAR(10 g) = 0.557 W/kg

Maximum value of SAR (interpolated) = 7.19 W/kg



0 dB = 7.19 W/kg = 8.57 dBW/kg

Case 08_WCDMA II_Ant 1_RMC 12.2Kbps_Back_5mm_Ch9262

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL_1900 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 40.076$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$ 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$ kg/m³

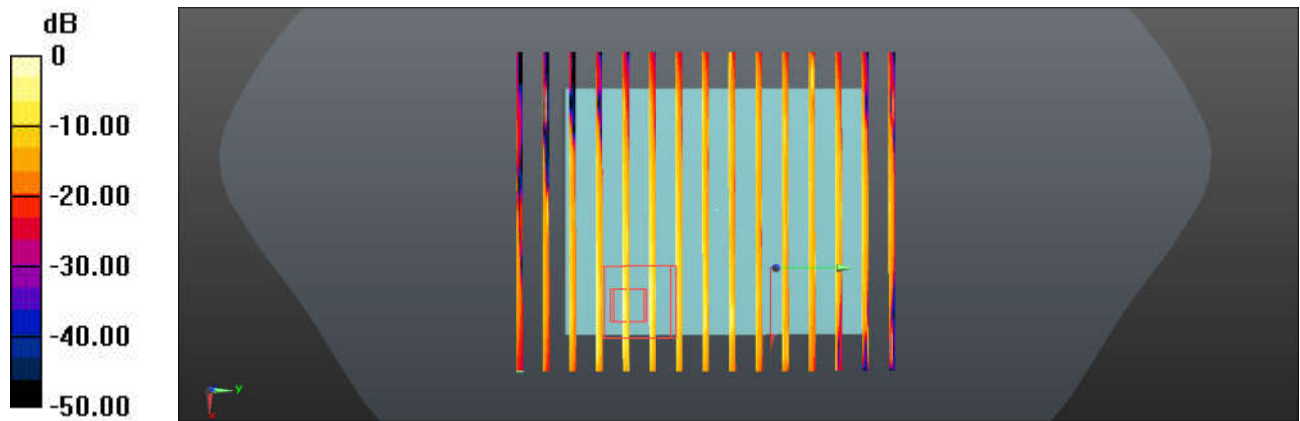
Phantom section: Flat Section

- 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.599 W/kg

Maximum value of SAR (interpolated) = 3.13 W/kg



0 dB = 3.13 W/kg = 4.96 dBW/kg

Case 09_WCDMA IV_RMC 12.2Kbps_Back_5mm_Ant1_Ch1513

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

Medium: HSL_1750 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 39.429$; $\rho = 1000$

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 3+4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$

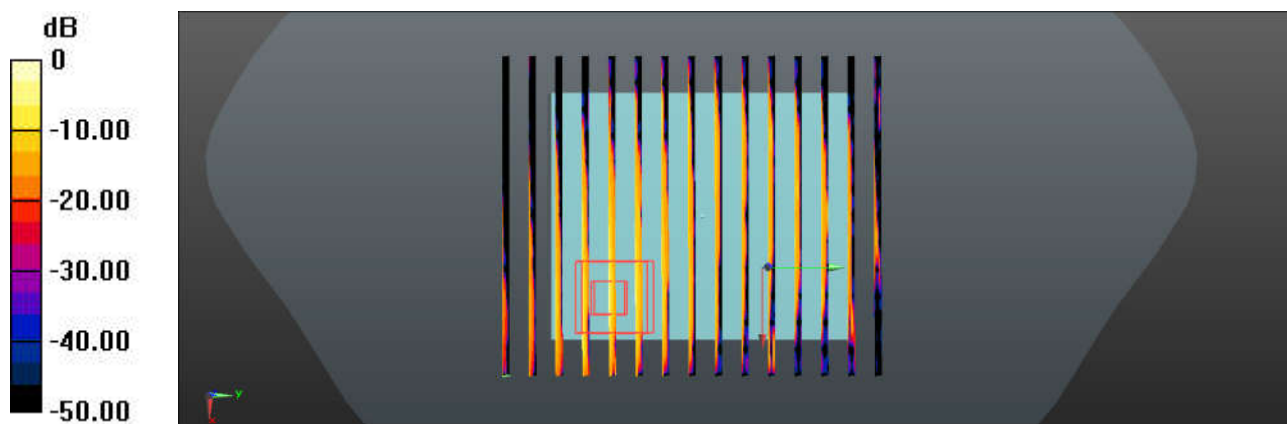
kg/m³

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.518 W/kg

Maximum value of SAR (interpolated) = 4.32 W/kg



Case 10_WCDMA IV_RMC 12.2Kbps_Back_5mm_Ant1_Ch1513

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

Medium: HSL_1750 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 39.429$; $\rho = 1000$

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$

kg/m³

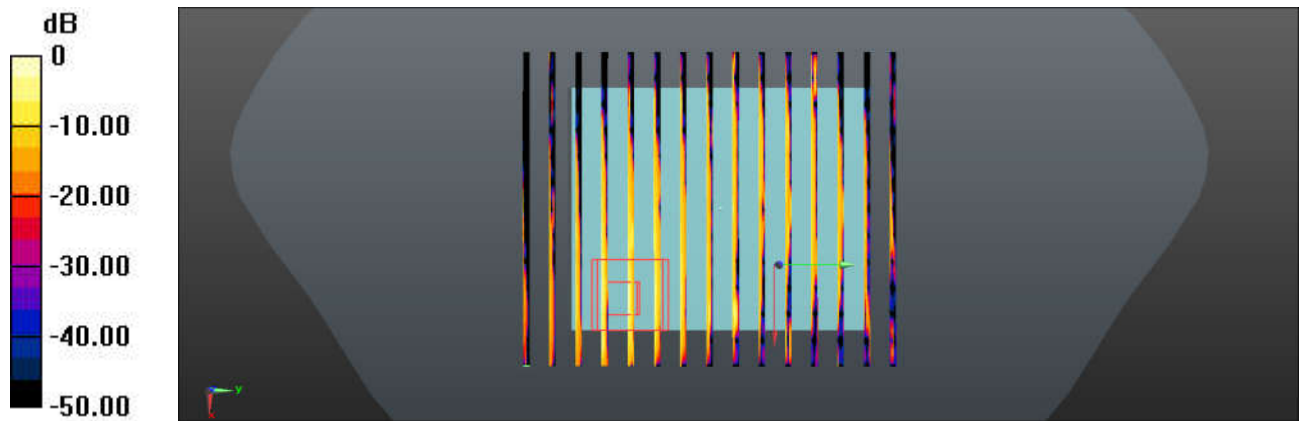
Phantom section: Flat Section

- 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.537 W/kg

Maximum value of SAR (interpolated) = 2.78 W/kg



0 dB = 2.78 W/kg = 4.44 dBW/kg

Case 11_WCDMA V_Ant 1_RMC 12.2Kbps_Back_5mm_Ch4182

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_850 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 41.875$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 3+4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$

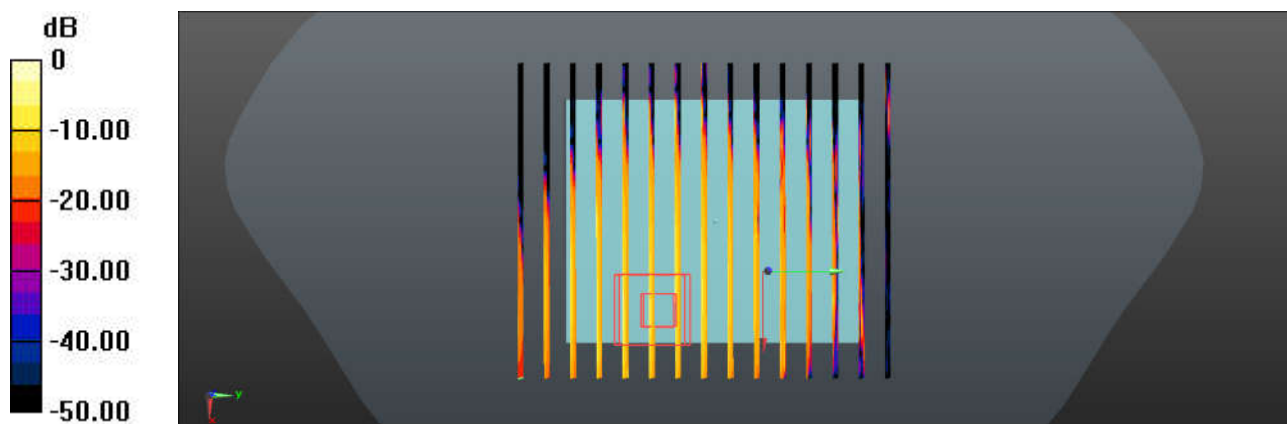
kg/m³

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.861 W/kg; SAR(10 g) = 0.571 W/kg

Maximum value of SAR (interpolated) = 5.47 W/kg



0 dB = 5.47 W/kg = 7.38 dBW/kg

Case 12_WCDMA V_Ant 1_RMC 12.2Kbps_Back_5mm_Ch4182

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL_850 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 41.875$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$

kg/m³

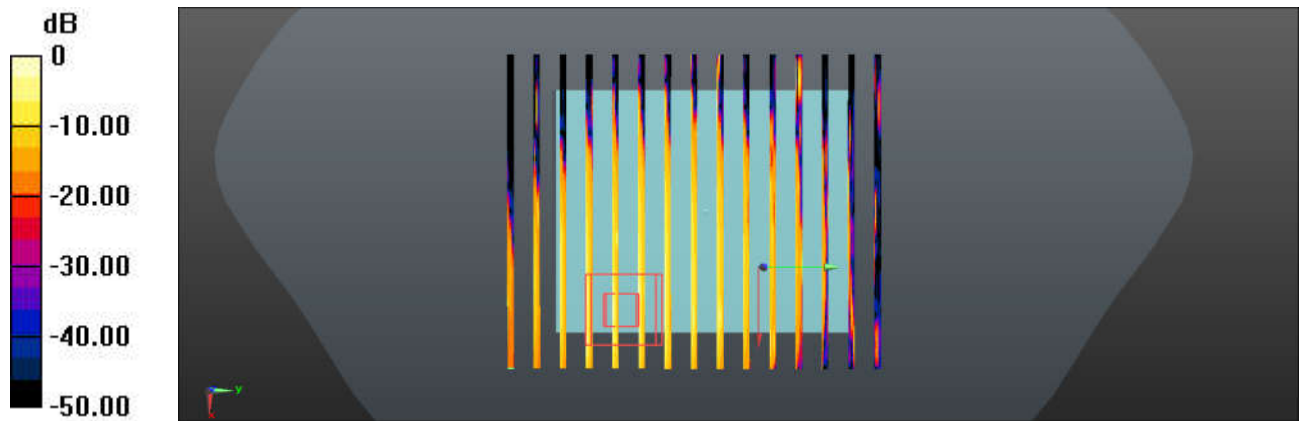
Phantom section: Flat Section

- 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.981 W/kg; SAR(10 g) = 0.601 W/kg

Maximum value of SAR (interpolated) = 3.25 W/kg



0 dB = 3.25 W/kg = 5.12 dBW/kg

Case 13_CDMA2000 BC0_EVDO 153.6bpsk_Back_5mm_Ch384

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

Medium: HSL_850 Medium parameters used: $f = 837$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.865$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 3+4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$

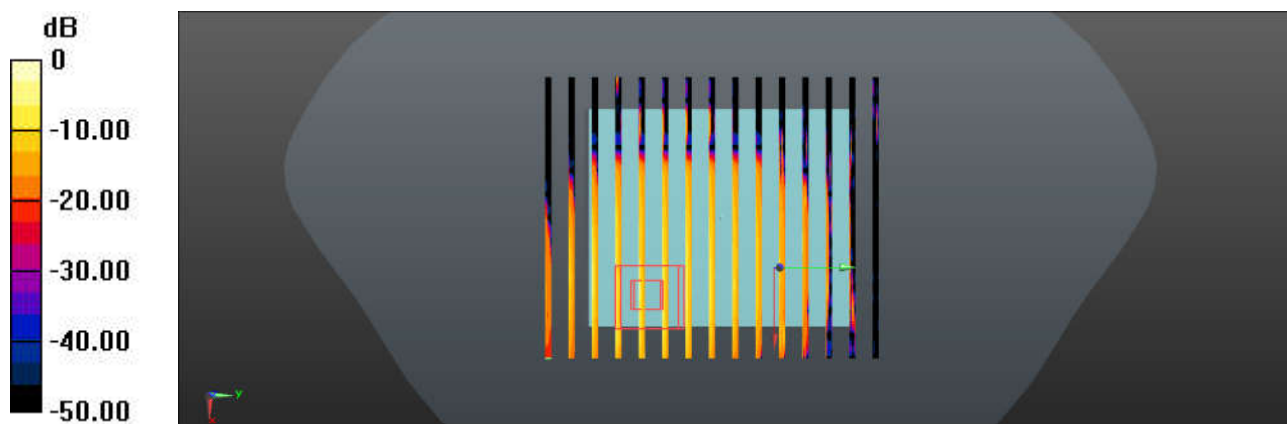
kg/m³

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.33 W/kg; SAR(10 g) = 0.712 W/kg

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



Case 14_CDMA2000 BC0_EVDO 153.6bpsk_Back_5mm_Ch384

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

Medium: HSL_850 Medium parameters used: $f = 837$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.865$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$

kg/m³

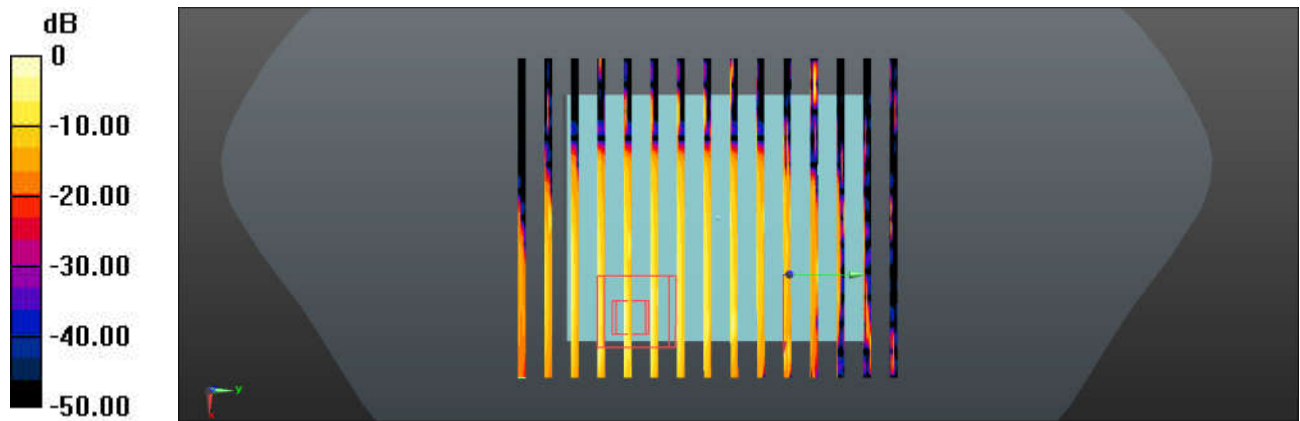
Phantom section: Flat Section

- 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.736 W/kg

Maximum value of SAR (interpolated) = 3.31 W/kg



0 dB = 3.31 W/kg = 5.20 dBW/kg

Case 15_LTE Band 2_Ant 1_20M_QPSK_50RB_0offset_Back_5mm_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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 3+4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$

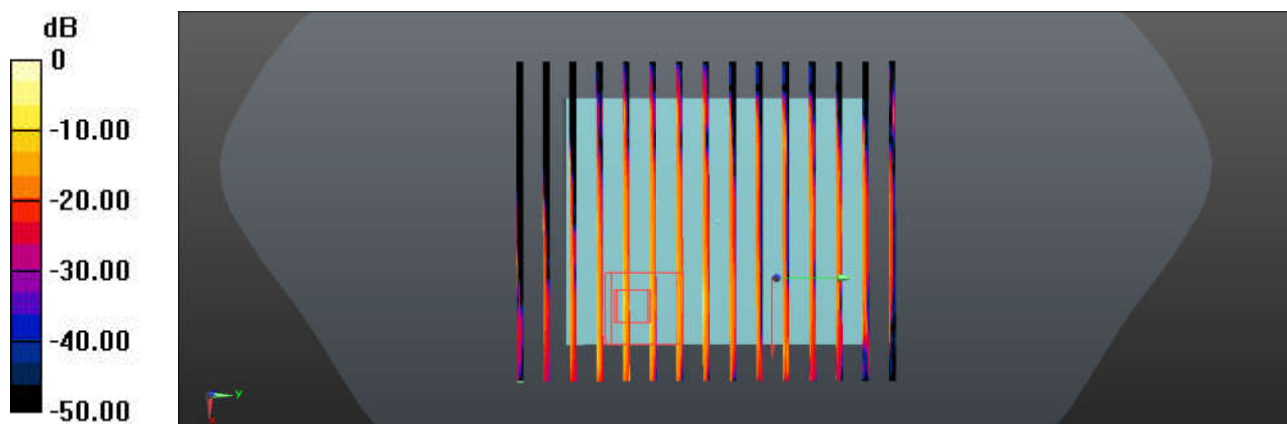
kg/m³

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.482 W/kg

Maximum value of SAR (interpolated) = 13.2 W/kg



0 dB = 13.2 W/kg = 11.21 dBW/kg

Case 16_LTE Band 2_Ant 1_20M_QPSK_50RB_0offset_Back_5mm_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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$

kg/m³

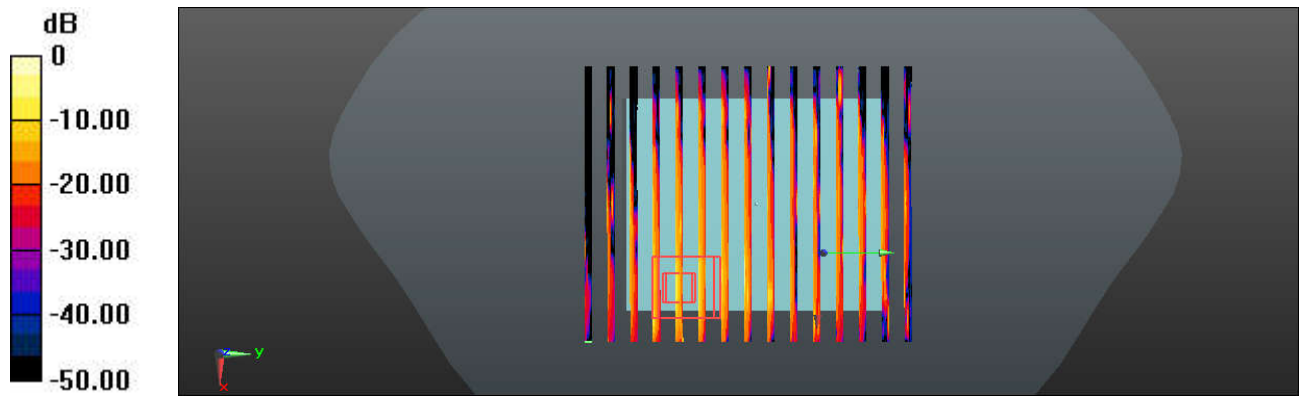
Phantom section: Flat Section

- 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.412 W/kg

Maximum value of SAR (interpolated) = 8.54 W/kg



0 dB = 8.54 W/kg = 9.31 dBW/kg

Case 18_LTE Band 7_Ant 1_20M_QPSK_1RB_0offset_Back_5mm_Ch21100

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

Medium: HSL_2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.952$ S/m; $\epsilon_r = 38.545$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(7.43, 7.43, 7.43); Calibrated: 2020.5.27
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 3+4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$

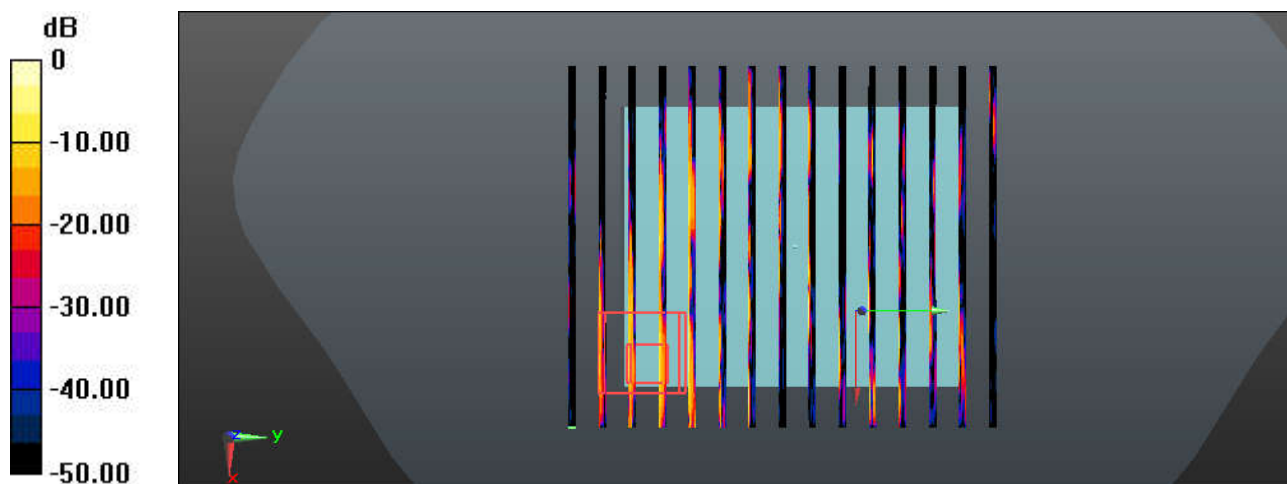
kg/m³

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.296 W/kg

Maximum value of SAR (interpolated) = 6.12 W/kg



0 dB = 6.12 W/kg = 7.87 dBW/kg

Case 19_LTE Band 7_Ant 1_20M_QPSK_1RB_0offset_Back_5mm_Ch21100

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

Medium: HSL_2600 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.952$ S/m; $\epsilon_r = 38.545$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(7.43, 7.43, 7.43); Calibrated: 2020.5.27
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$

kg/m³

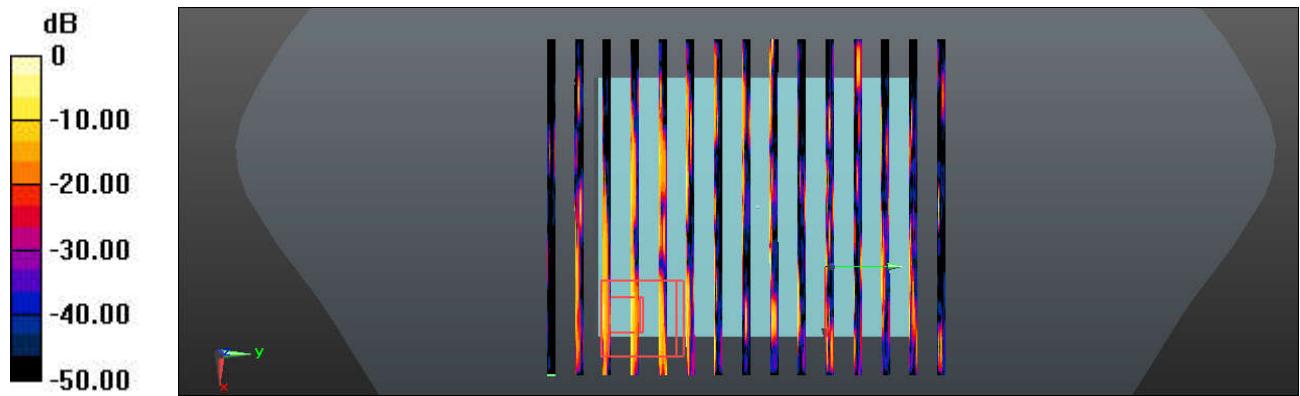
Phantom section: Flat Section

- 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.922 W/kg; SAR(10 g) = 0.342 W/kg

Maximum value of SAR (interpolated) = 5.63 W/kg



0 dB = 5.63 W/kg = 7.51 dBW/kg

Case 21_LTE Band 12_Ant 1_10M_QPSK_1RB_0offset_Back_5mm_Ch23095

Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.865$ S/m; $\epsilon_r = 42.817$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(10.58, 10.58, 10.58); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$ 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

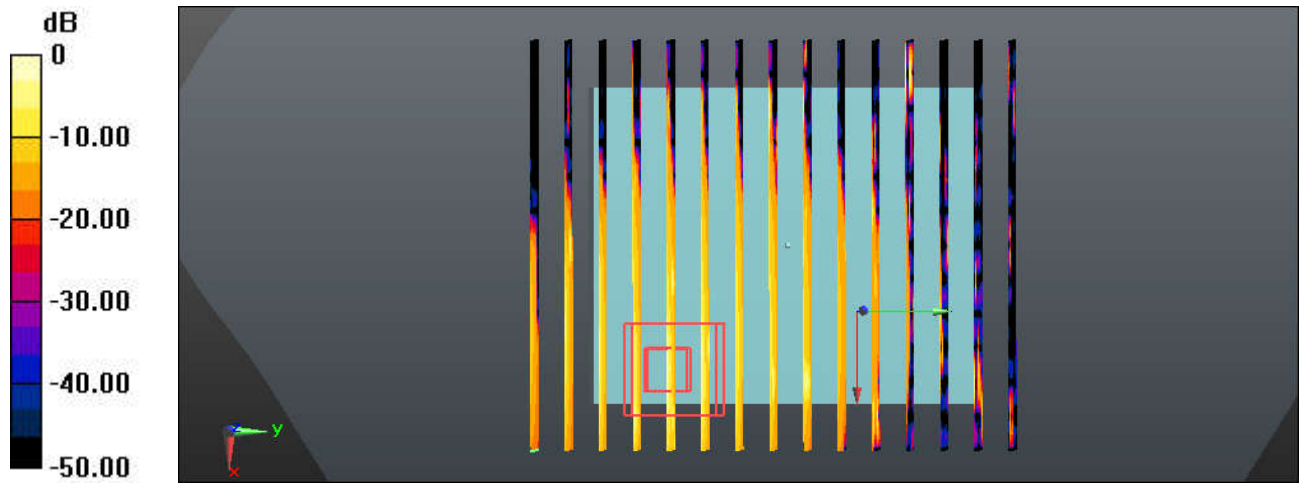
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

- Probe: EX3DV4 - SN3935; ConvF(7.6, 7.6, 7.6) @ 2402 MHz; Calibrated: 2020.5.27

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.513 W/kg

Maximum value of SAR (interpolated) = 2.65 W/kg



0 dB = 2.65 W/kg = 4.23 dBW/kg

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

Case 22_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; $\sigma = 0.939$ S/m; $\epsilon_r = 41.81$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(10.58, 10.58, 10.58); Calibrated: 2020.5.27
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 3+4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

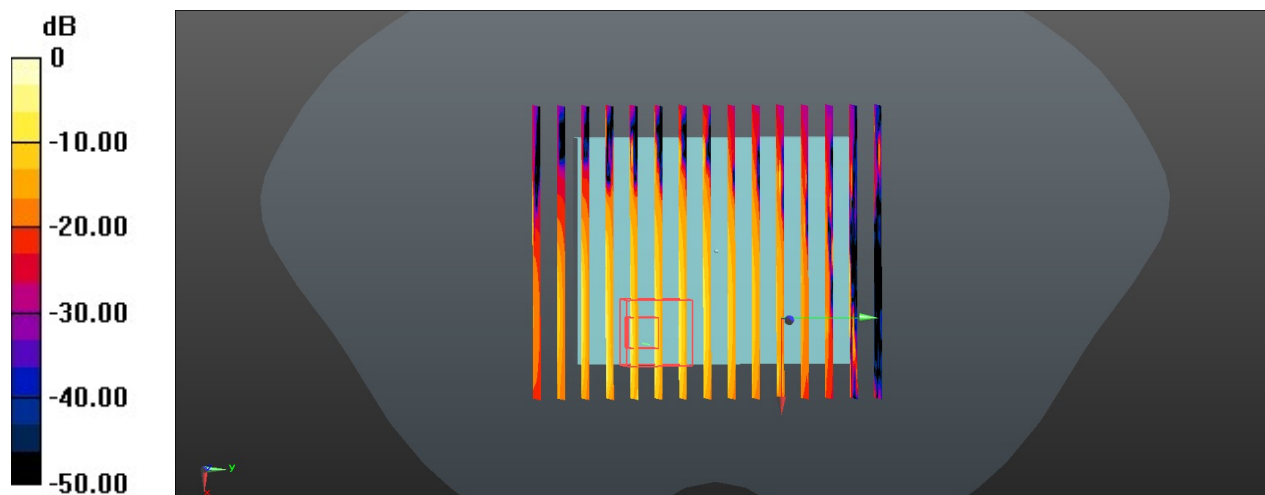
Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$ 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.79 W/kg; SAR(10 g) = 0.508 W/kg

Maximum value of SAR (interpolated) = 4.70 W/kg



Case 23_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: $f = 782 \text{ MHz}$; $\sigma = 0.939 \text{ S/m}$; $\epsilon_r = 41.81$; $\rho = 1000$

kg/m^3

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(10.58, 10.58, 10.58); Calibrated: 2020.5.27
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.859 \text{ S/m}$; $\epsilon_r = 40.889$; $\rho = 1000$

kg/m^3

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775 \text{ MHz}$; $\sigma = 5.361 \text{ S/m}$; $\epsilon_r = 34.988$; $\rho = 1000$

kg/m^3

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402 \text{ MHz}$; $\sigma = 1.851 \text{ S/m}$; $\epsilon_r = 40.914$; $\rho = 1000$

kg/m^3

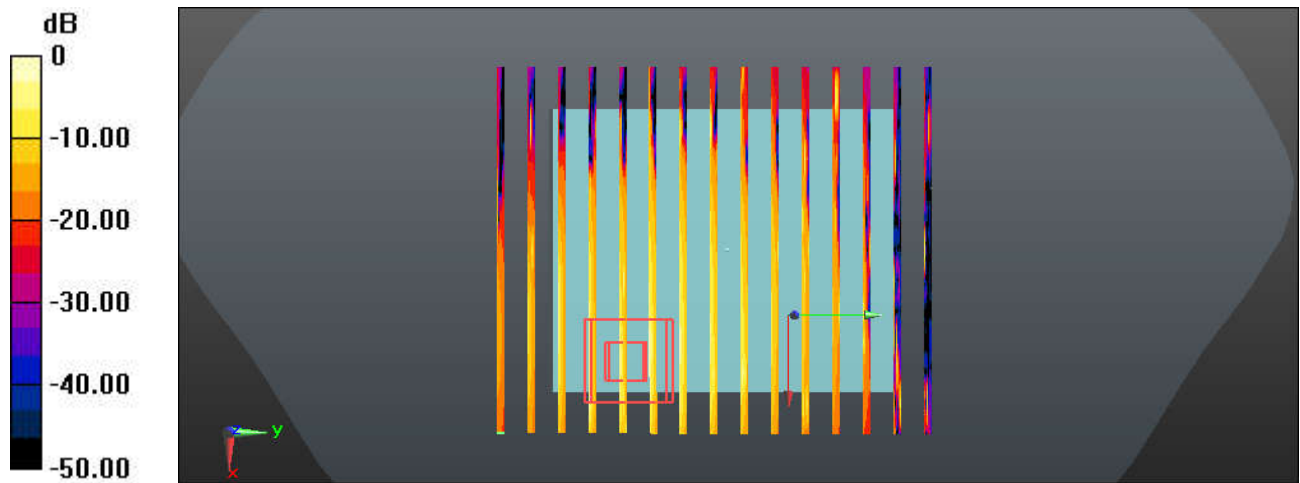
Phantom section: Flat Section

- 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.922 W/kg; SAR(10 g) = 0.557 W/kg

Maximum value of SAR (interpolated) = 3.03 W/kg



0 dB = 3.03 W/kg = 4.81 dBW/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_850 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 41.942$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$ 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

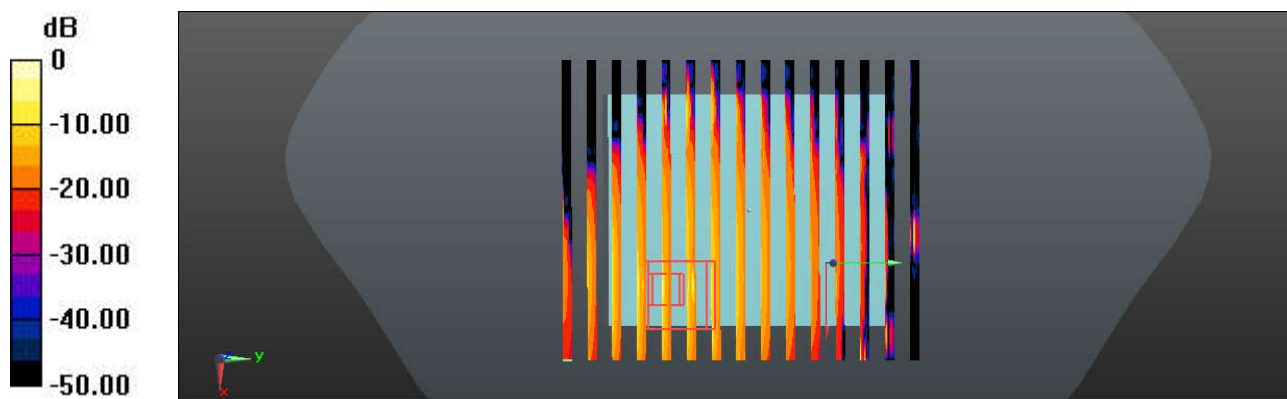
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.617 W/kg

Maximum value of SAR (interpolated) = 10.7 W/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_850 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 41.942$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 3+4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

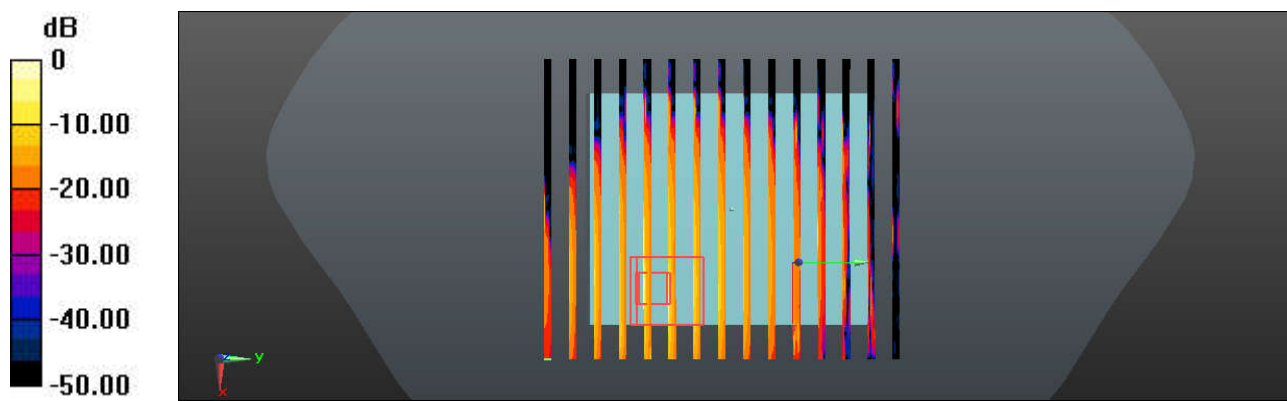
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$ kg/m³

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.997 W/kg; SAR(10 g) = 0.604 W/kg

Maximum value of SAR (interpolated) = 9.89 W/kg



0 dB = 9.89 W/kg = 9.95 dBW/kg

Case 28_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_850 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 41.942$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$ 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$ kg/m³

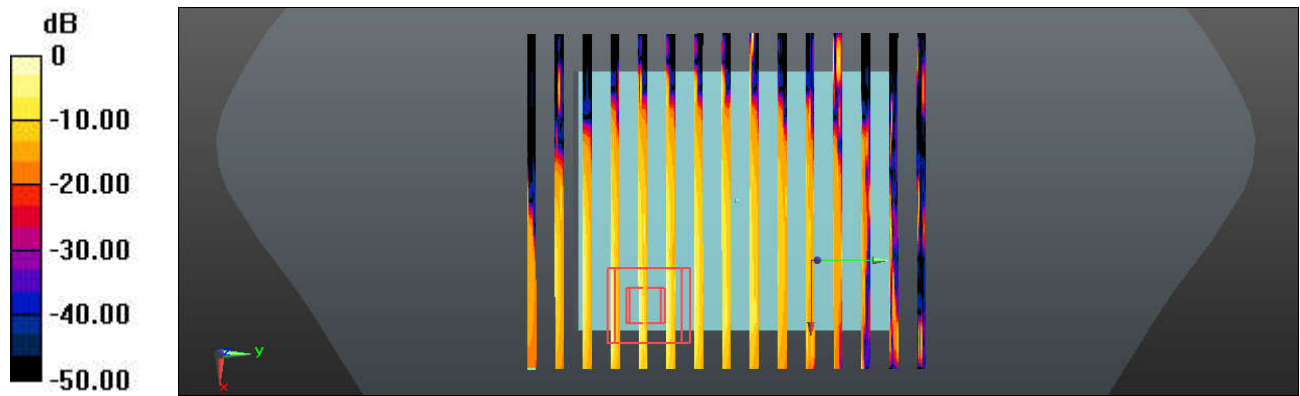
Phantom section: Flat Section

- 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.654 W/kg

Maximum value of SAR (interpolated) = 3.65 W/kg



0 dB = 3.65 W/kg = 5.62 dBW/kg

Case 31_LTE Band 66_Ant 1_20M_QPSK_1RB_0offset_Back_5mm_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: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$

kg/m³

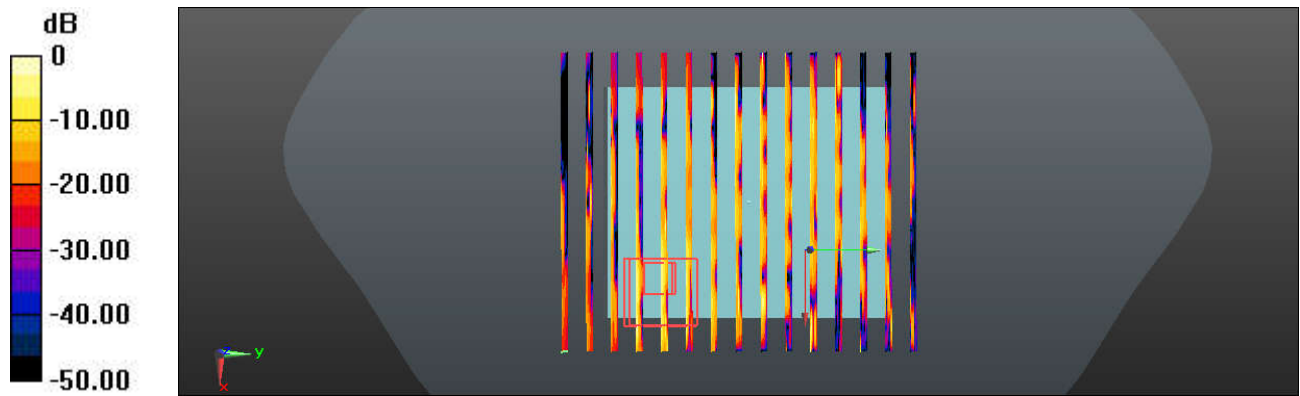
Phantom section: Flat Section

- 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 0.682 W/kg; SAR(10 g) = 0.316 W/kg

Maximum value of SAR (interpolated) = 2.63 W/kg



0 dB = 2.63 W/kg = 4.20 dBW/kg

Case 33_FR1 n5_Ant 1_20M_BPSK_1RB_0offset_Back_5mm_Ch167300

Communication System: UID 0, 5G NR (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_850 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.987$ S/m; $\epsilon_r = 41.102$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 3+4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

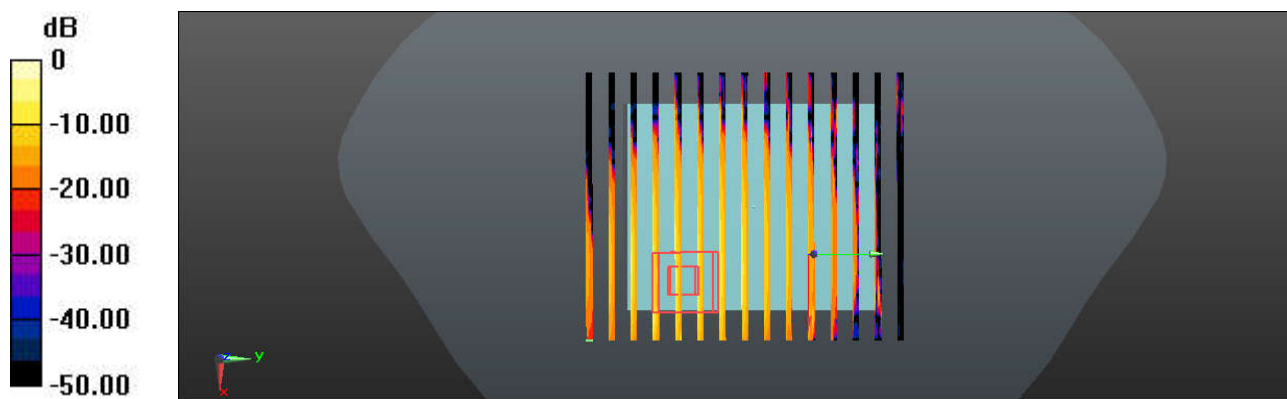
Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$ kg/m³

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.679 W/kg

Maximum value of SAR (interpolated) = 4.69 W/kg



Case 34_FR1 n5_Ant 1_20M_BPSK_1RB_0offset_Back_5mm_Ch167300

Communication System: UID 0, 5G NR (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_850 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.987$ S/m; $\epsilon_r = 41.102$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$ 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$ kg/m³

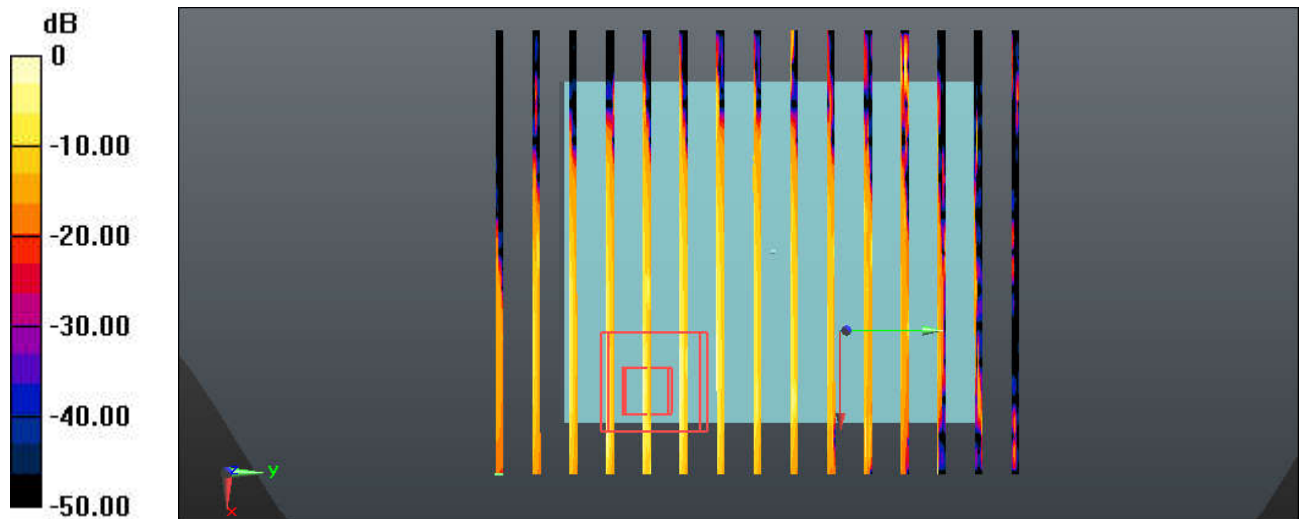
Phantom section: Flat Section

- 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.23 W/kg; SAR(10 g) = 0.703 W/kg

Maximum value of SAR (interpolated) = 3.18 W/kg



0 dB = 3.18 W/kg = 5.02 dBW/kg

Case 35_CDMA2000 BC0_RC3 SO32 (F+SCH)_Back_5mm_Ch384

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

Medium: HSL_850 Medium parameters used: $f = 837$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.865$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 3+4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.089

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$

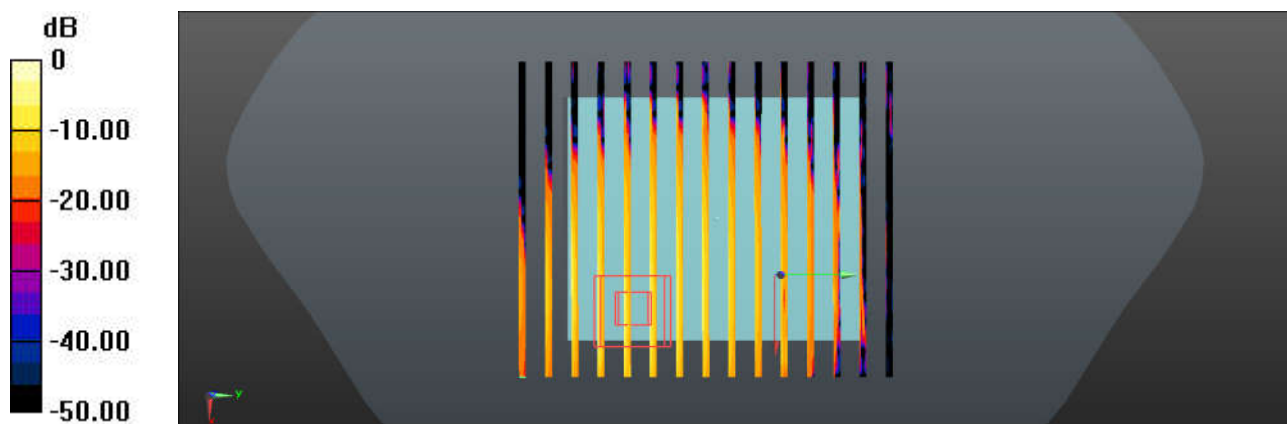
kg/m³

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.57 W/kg; SAR(10 g) = 0.863 W/kg

Maximum value of SAR (interpolated) = 5.25 W/kg



0 dB = 5.25 W/kg = 7.20 dBW/kg

Case 36_CDMA2000 BC0_RC3 SO32 (F+SCH)_Back_5mm_Ch384

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

Medium: HSL_850 Medium parameters used: $f = 837$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 41.865$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(10.31, 10.31, 10.31); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 3_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$

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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 4_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1.087

Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$

kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth_Ant 4_DH5 1Mbps_Back_5mm_Ch0

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 40.914$; $\rho = 1000$

kg/m³

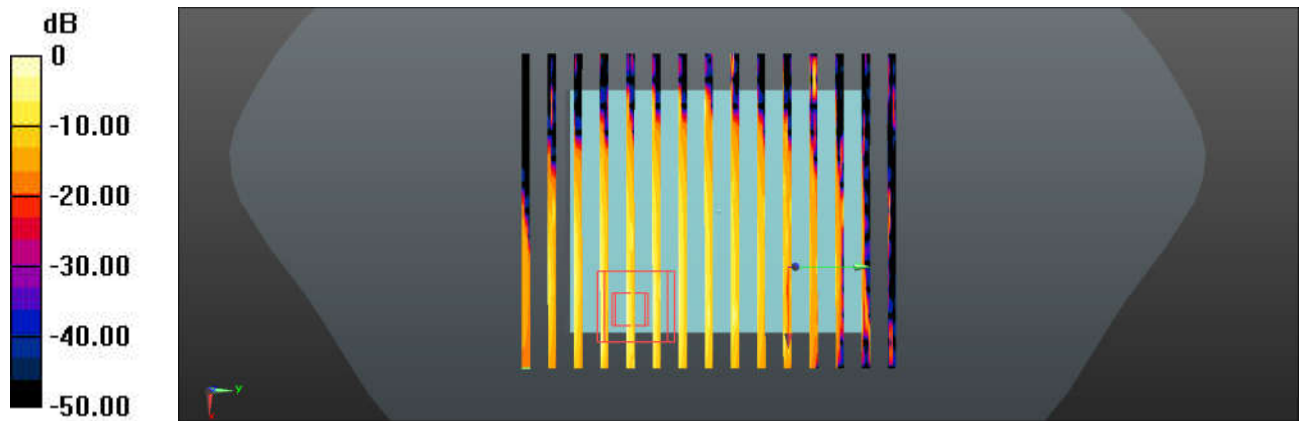
Phantom section: Flat Section

- 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.52 W/kg; SAR(10 g) = 0.888 W/kg

Maximum value of SAR (interpolated) = 3.54 W/kg



0 dB = 3.54 W/kg = 5.49 dBW/kg

Case 40_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ant 4_Ch1

Communication System: UID 0, 802.11b (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.859$ S/m; $\epsilon_r = 40.889$; $\rho = 1000$ 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; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

WLAN5GHz_802.11ac-VHT80 MCS0_Back_5mm_Ant 3_Ch155

Communication System: UID 0, 802.11ac (0); Frequency: 5775 MHz; Duty Cycle: 1:1; PMF: 1

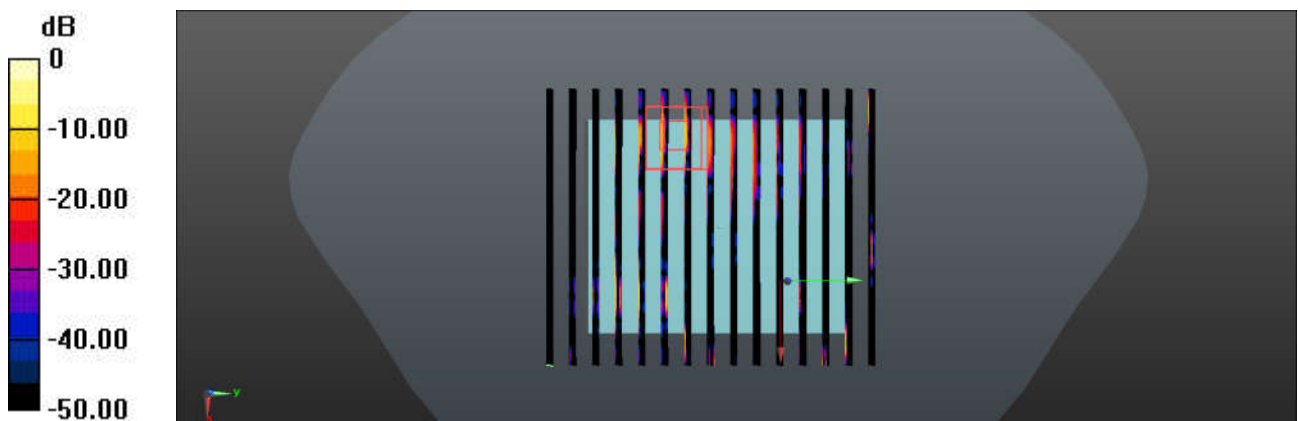
Medium: HSL_5000 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.361$ S/m; $\epsilon_r = 34.988$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

- Probe: EX3DV4 - SN3935; ConvF(4.67, 4.67, 4.67); Calibrated: 2020.5.27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2020.8.25
- Phantom: SAM1; ; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4)

Combined Scans: SAR(1 g) = 1.59 W/kg; SAR(10 g) = 0.519 W/kg

Maximum value of SAR (interpolated) = 23.0 W/kg



0 dB = 23.0 W/kg = 13.62 dBW/kg