

Appendix C

Highest Test Plots

DEVO F8S 5G WIFI 802.11n 20M MIMO 165CH top edge 0mm-Antenna orientation 1
DEVO F8S 5G WIFI 802.11n 20M MIMO 165CH top edge 0mm-Antenna orientation 4

DEVO-F8S 5G WIFI 802.11n 20M MIMO 165CH top edge 0mm-Antenna orientation 1

Communication System: UID 0, WiFi (0); Frequency: 5825 MHz

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 6.111$ S/m; $\epsilon_r = 46.903$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(4.33, 4.33, 4.33); Calibrated: 2016/12/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE3 Sn427; Calibrated: 2016/12/9
- Phantom: SAM v5.0; Type: QD000P40CD; Serial: TP:1805
- DASY52 52.10.0(1442); SEMCAD X 14.6.10(7413)

Configuration/Body/Area Scan (7x19x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

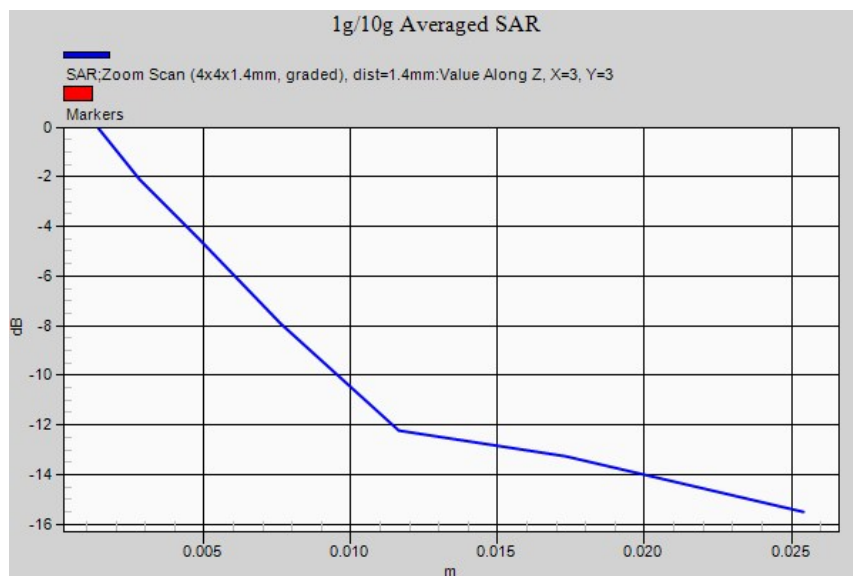
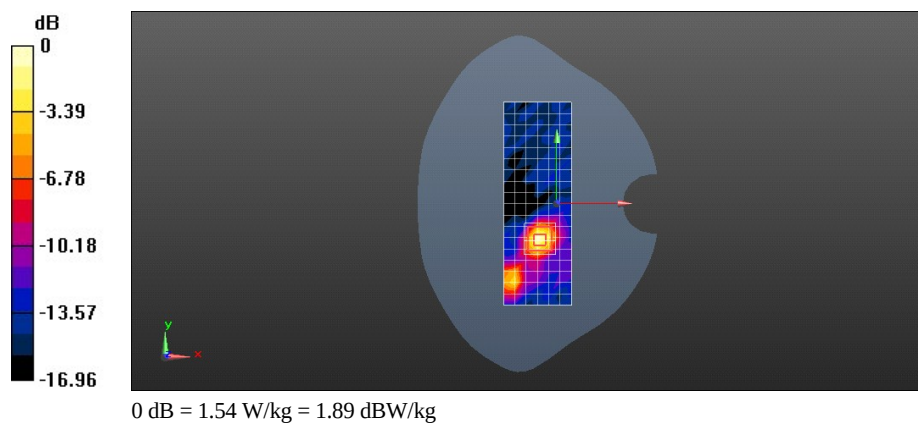
Maximum value of SAR (measured) = 1.54 W/kg

Configuration/Body/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 3.339 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.86 W/kg

SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.223 W/kg



DEVO-F8S 5G WIFI 802.11n 20M MIMO 165CH top edge 0mm-Antenna orientation 4

Communication System: UID 0, WiFi (0); Frequency: 5825 MHz

Medium parameters used (interpolated): $f = 5825$ MHz; $\sigma = 6.111$ S/m; $\epsilon_r = 46.903$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(4.33, 4.33, 4.33); Calibrated: 2016/12/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE3 Sn427; Calibrated: 2016/12/9
- Phantom: SAM v5.0; Type: QD000P40CD; Serial: TP:1805
- DASY52 52.10.0(1442); SEMCAD X 14.6.10(7413)

Configuration/Body/Area Scan (12x19x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.50 W/kg

Configuration/Body/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 4.063 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 0.651 W/kg; SAR(10 g) = 0.225 W/kg

Maximum value of SAR (measured) = 1.53 W/kg

