



Appendix B DASY Measurement Results

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WiFi 2.4G Body
WiFi 5G Body
BT Body

Test Laboratory: HUAWEI SAR/HAC Lab

MACH-W29 WiFi 2.4G 802.11b 6CH Bottom Side 0mm with Battery2-ANT2

DUT: MACH-W29; Type: HUAWEI MateBook; Serial: SAR4

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 2.018$ S/m; $\epsilon_r = 51.06$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3743; ConvF(7.34, 7.34, 7.34); Calibrated: 2017/11/23;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -29.0, 31.0$
- ε Electronics: DAE4 Sn1235; Calibrated: 2017/11/16
- ε Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1110
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (14x28x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.933 W/kg

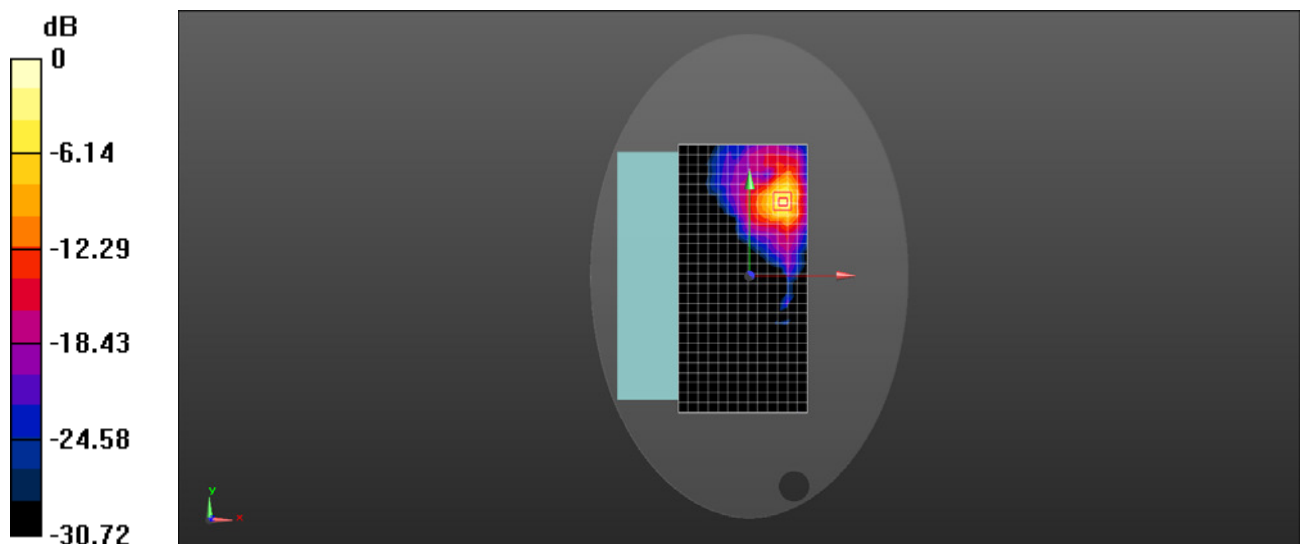
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MACH-W29 WiFi 5G 802.11ac 138CH Bottom Side 0mm-ANT2

DUT: MACH-W29; Type: HUAWEI MateBook; Serial: SAR4

Communication System: UID 0, WiFi(802.11a/b/g/n) (0); Frequency: 5690 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5690$ MHz; $\sigma = 6.048$ S/m; $\epsilon_r = 48.557$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3743; ConvF(4.32, 4.32, 4.32); Calibrated: 2017/11/23;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- ε Electronics: DAE4 Sn1235; Calibrated: 2017/11/16
- ε Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1110
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (15x35x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 1.04 W/kg

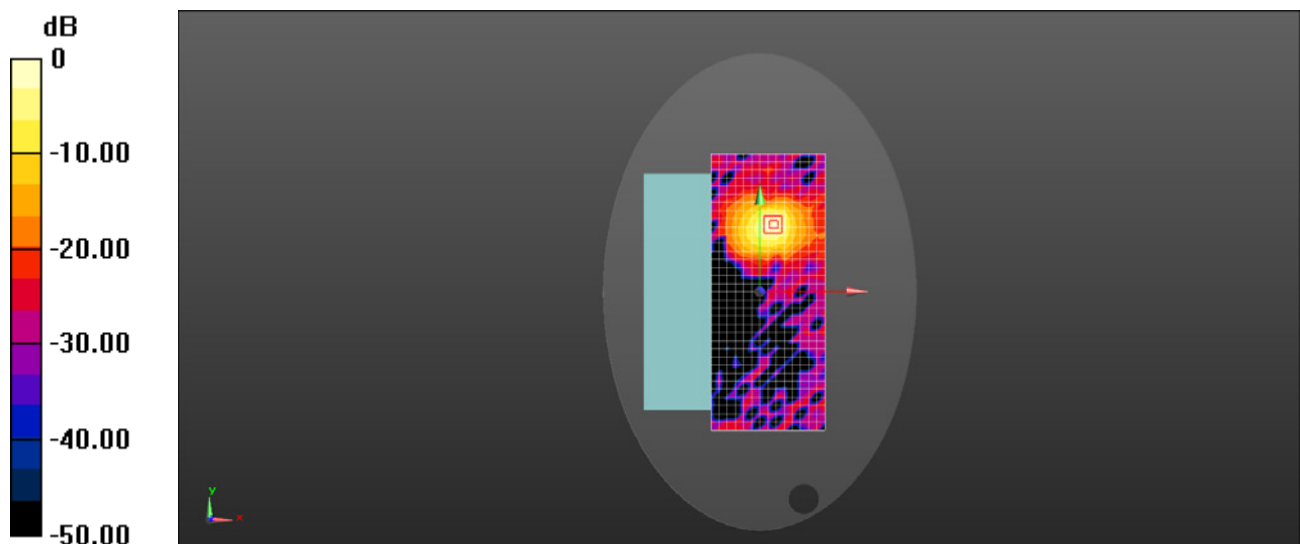
Configuration/Body/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.50 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

MACH-W29 BT DH5 78CH Bottom Side 0mm

DUT: MACH-W29; Type: HUAWEI MateBook; Serial: SAR4

Communication System: UID 0, BT (0); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2480$ MHz; $\sigma = 2.044$ S/m; $\epsilon_r = 51.023$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ε Probe: EX3DV4 - SN3743; ConvF(7.34, 7.34, 7.34); Calibrated: 2017/11/23;
- ε Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -29.0, 31.0$
- ε Electronics: DAE4 Sn1235; Calibrated: 2017/11/16
- ε Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1110
- ε DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (14x28x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.105 W/kg

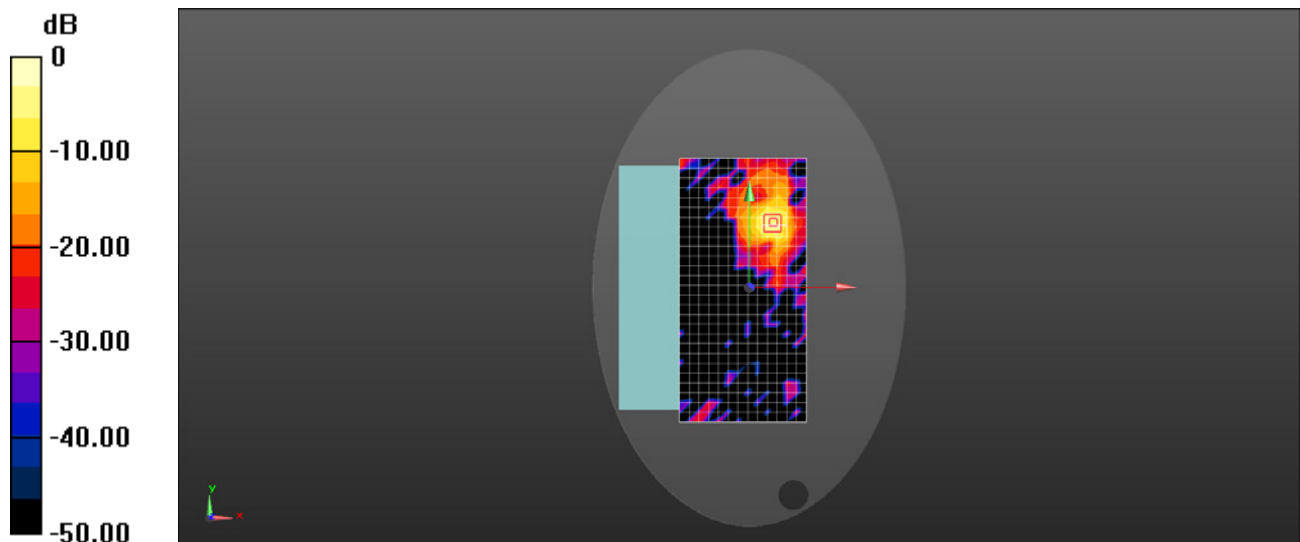
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.175 W/kg



0 dB = 0.175 W/kg = -7.57 dBW/kg