

NR Band n66

Frequency: 1745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.416 \text{ S/m}$; $\epsilon_r = 40.193$; $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 2021-03-26
- Probe: EX3DV4 - SN7330; ConvF(9.12, 9.12, 9.12) @ 1745 MHz; Calibrated: 2021-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Left); Type: QD000P40CD; Serial: TP:1991

Right Touch Volume Scan/QPSK_RB 50/25_ch.349000/Volume Scan (18x18x7):

Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

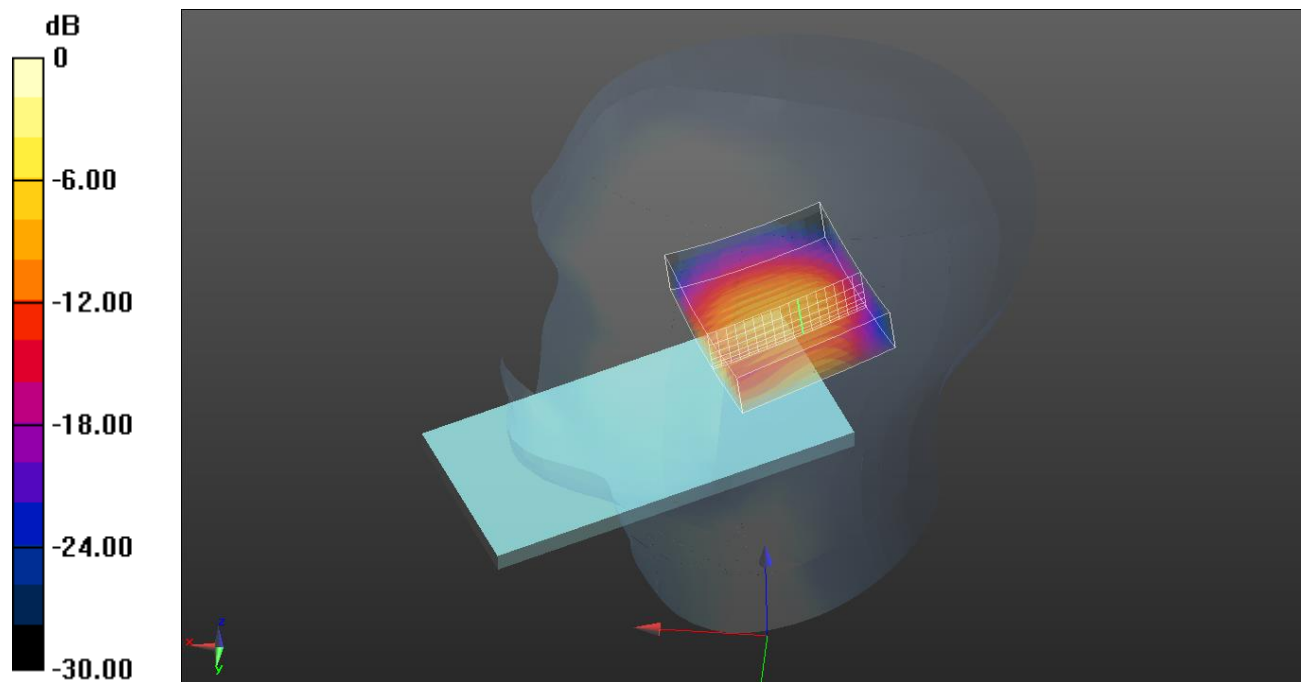
Reference Value = 25.26 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.318 W/kg

Total Absorbed Power = 0.0128 W

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

DTS Ant

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.793$ S/m; $\epsilon_r = 38.31$; $\rho = 1000$ kg/m³

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1591; Calibrated: 2021-03-26
- Probe: EX3DV4 - SN7330; ConvF(8.03, 8.03, 8.03) @ 2437 MHz; Calibrated: 2021-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: SAM Phantom CRP v5.0(Left); Type: QD000P40CD; Serial: TP:1991

Right Touch Volume Scan/Touch_802.11 b mode ch.6Volume Scan (18x18x7): Measurement

grid: dx=4mm, dy=4mm, dz=1.4mm

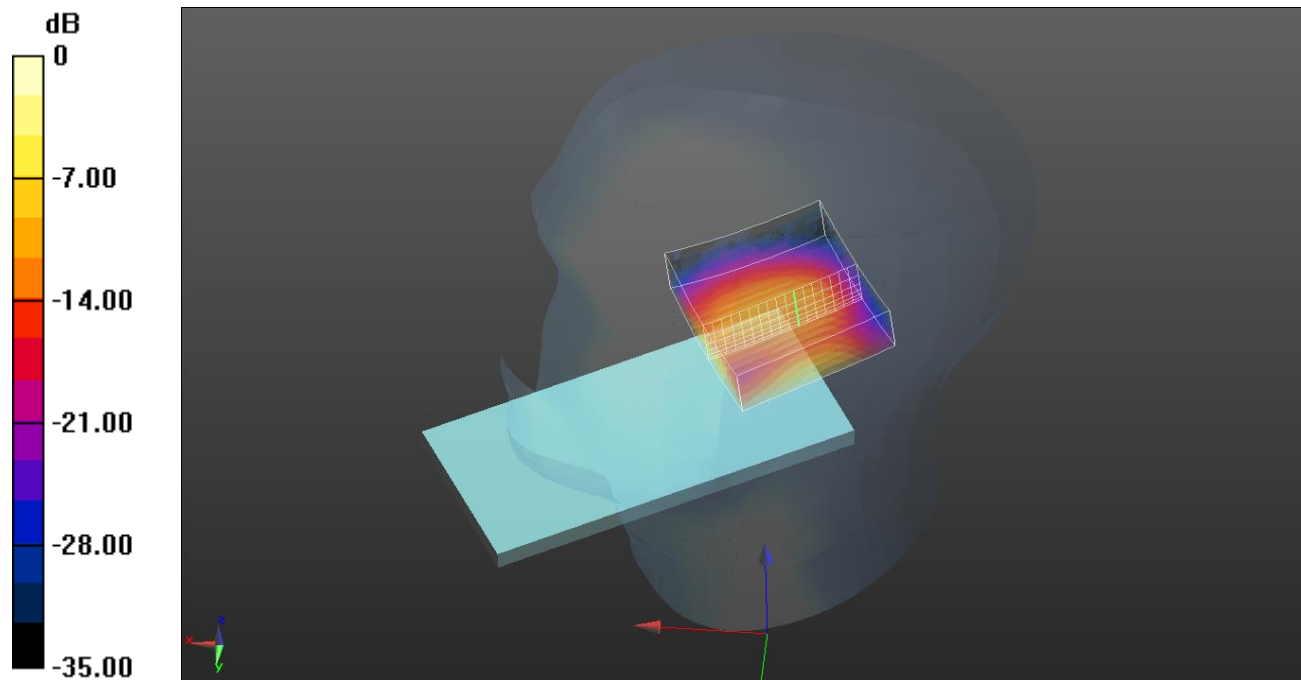
Reference Value = 22.66 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.628 W/kg; SAR(10 g) = 0.287 W/kg

Total Absorbed Power = 0.0102 W

Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

NR Band n66 + DTS Ant

Multi-Band Average SAR

Multi-Band Configurations:

DASY Configuration for Right Touch Volume Scan/QPSK_RB 50/25_ch.349000/Volume Scan:

Date/Time: 2021-12-24 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, NR (0); Frequency: 1745 MHz; Duty Cycle: 1:1; PMF: 1.12202e-005

Medium: HSL1700 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.416$ S/m; $\epsilon_r = 40.193$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7330; ConvF(9.12, 9.12, 9.12) @ 1745 MHz; Calibrated: 2021-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1591; Calibrated: 2021-03-26
- Phantom: SAM Phantom CRP v5.0(Left); Type: QD000P40CD; Serial: TP:1991
- Measurement SW: DASY52, Version 52.10 (3)

DASY Configuration for Right Touch Volume Scan/Touch_802.11 b mode ch.6/Volume Scan:

Date/Time: 2021-12-23 Test Laboratory: UL Korea, Ltd. Suwon Laboratory

Communication System: UID 0, IEEE 802.11b/g/n 2.4 GHz Band (0); Frequency: 2437 MHz; Duty Cycle: 1:1; PMF: 1

Medium: HSL2450 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.793$ S/m; $\epsilon_r = 38.31$; $\rho = 1000$ kg/m³

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

- Probe: EX3DV4 - SN7330; ConvF(8.03, 8.03, 8.03) @ 2437 MHz; Calibrated: 2021-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1591; Calibrated: 2021-03-26
- Phantom: SAM Phantom CRP v5.0(Left); Type: QD000P40CD; Serial: TP:1991
- Measurement SW: DASY52, Version 52.10 (3)

Multi Band Result:

SAR(1 g) = 1.37 W/kg; SAR(10 g) = 0.670 W/kg

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

