Appendix C - Highest Measurement Plots

Date: 2023/12/4

06_Bluetooth_BLR C8_Rear Face_0mm_Ch19_ANT 1

DUT: UX8406M Bluetooth Keyboard

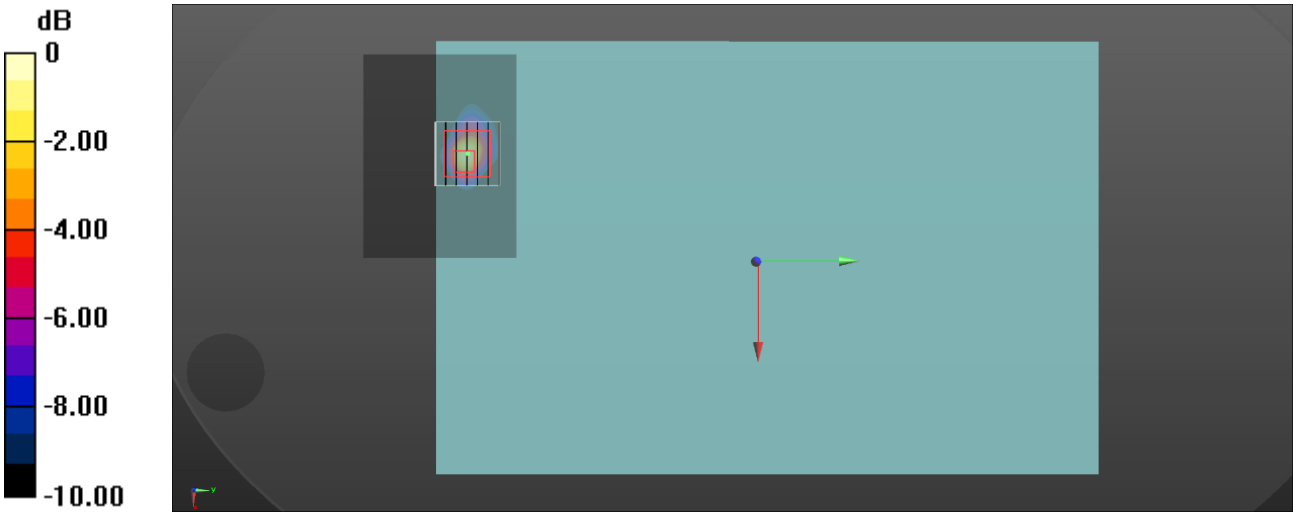
Communication System: UID 0, Bluetooth BLR C8; Frequency: 2440 MHz;Duty Cycle: 1:1.198
Medium parameters used: f = 2440 MHz; σ = 1.807 S/m; ε_r = 38.793; ρ = 1000 kg/m^3
Phantom section: Flat Section
Measurement Standard: DASY5

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.33, 7.5, 7.2) @ 2440 MHz; Calibrated: 2023/3/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2023/3/22
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.474 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.377 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.967 W/kg
SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.091 W/kg
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 35.1%
Maximum value of SAR (measured) = 0.541 W/kg



0 dB = 0.541 W/kg = -2.67 dBW/kg