

Appendix B

Highest Test Plots

Table of Contents

1.	SRD Top side 1-channel head 0mm	3
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1. SRD Top side 1-channel head 0mm

Date: 10.01.2023

Test Laboratory: Tianjin Dongdian Testing Service CO., Ltd

HS08 RGB USB

DUT: dongle; M/N: RDA0048

Communication System: UID 0, Bluetooth (0); Communication System Band: BLE; Frequency: 2404 MHz; Communication System PAR: 0 dB; PMF: 1.12202e-005

Medium parameters used: $f = 2404$ MHz; $\sigma = 1.741$ S/m; $\epsilon_r = 38.24$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN3906; ConvF(7.69, 7.69, 7.69); Calibrated: 27.02.2022;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE4 Sn1366; Calibrated: 21.01.2022
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1197
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Top Side 2M CH1/Area Scan (8x9x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.124 W/kg

Configuration/Top Side 2M CH1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 8.367 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.234 W/kg

SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.028 W/kg

Maximum value of SAR (measured) = 0.145 W/kg

