
Appendix B. Highest Measurement Data

Test Laboratory: DEKRA

Date: 2024/06/25

1_1.64GHz_GMSK_F1_Position 1_25mm_ANT Main_BP-272**DUT: Flipper Handheld; Type: HTS-100**

Communication System: UID 0, Satellite; Frequency: 1626.5 MHz

Communication System PAR: 0 dB

Medium parameters used: $f = 1626.5$ MHz; $\sigma = 1.28$ S/m; $\epsilon_r = 40.32$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY Configuration:

- Probe: EX3DV4 - SN7631; ConvF(8.76, 8.76, 8.76) @ 1626.5 MHz; Calibrated: 2024/02/21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1651; Calibrated: 2024/02/15
- Phantom: Twin-SAM V8.0; Type: QD 000 P41 AA; Serial: 2030
- Measurement SW: DASY52, Version 52.10 (4);

Configuration/Flat/Area Scan (11x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.12 W/kg**Configuration/Flat/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.06 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.536 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 16 mm)

Ratio of SAR at M2 to SAR at M1 = 65.7%

Maximum value of SAR (measured) = 1.05 W/kg

