

APPENDIX 1

SAR Measurement Data

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EXHIBIT 1. HEAD SAR MEASUREMENTS

Head SAR Measurement Summary

Antenna	Power (W)	CH	CH. Freq (MHz)	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)	Power Drift (dB)
				BP-292UL,2010mAh	BP-292UL,2010mAh	
FA-SC61UC 460MHz 142mm	4.967	3	490	8.76	6.25	-0.74

File Name: [ICOM-584Q Head FA-SC61UC 490MHz 142mm.da52:0](#)

DUT: IC-F62D-UL; Type: Portable UHF Transceiver; Serial: 22000202

Communication System: UID 0, CW (0); Frequency: 490 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 490$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 42.459$; $\rho = 1000$ kg/m³; Phantom section:
Flat Section; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: ES3DV3 - SN3208; ConvF(6.91, 6.91, 6.91); Calibrated: 3/18/2022;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration Head for IC-F62D-UL/Head Front, P=5W, d=25mm/Area Scan

(61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 11.0 W/kg

Configuration Head for IC-F62D-UL/Head Front, P=5W, d=25mm/Zoom Scan (7x7x7)

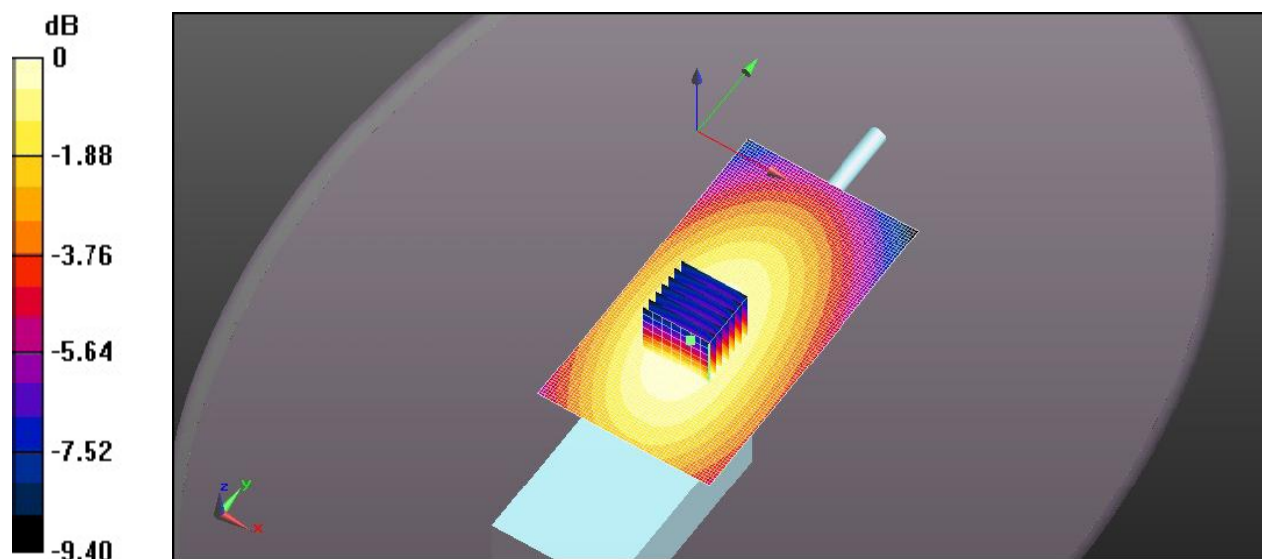
(8x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 104.1 V/m; Power Drift = -0.74 dB

Peak SAR (extrapolated) = 13.0 W/kg

SAR(1 g) = 8.76 W/kg; SAR(10 g) = 6.25 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 11.0 W/kg



0 dB = 10.0 W/kg = 10.00 dBW/kg