

APPENDIX 1

SAR Measurement Data

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EXHIBIT 1. BODY SAR MEASUREMENTS

Body SAR Measurement Summary

Antenna	Power (W)	C H	CH. Freq (MHz)	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)	Power Drift (dB)
				BP-290,2010mAh	BP-290,2010mAh	
FA-SC61UC 480MHz 136mm	4.96	2	496	9.83	6.83	-0.55

FILE NAME: ICOM-5760 BODY BP-290 MBB-3 & HM-233GP FA-SC61UC 136MM
496MHZ.DA52:0

DUT: IC-F62D; Type: UHF Digital Transceiver; Serial: 27000302

Communication System: UID 0, CW (0); Frequency: 496 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 496$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 53.606$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.02, 7.02, 7.02); Calibrated: 4/19/2021;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/11/2021
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

Configuration_Body_IC-F62D/Body_Back, P=5W, d=0mm (SAR corrected for target medium)/Area Scan (51x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 11.7 W/kg

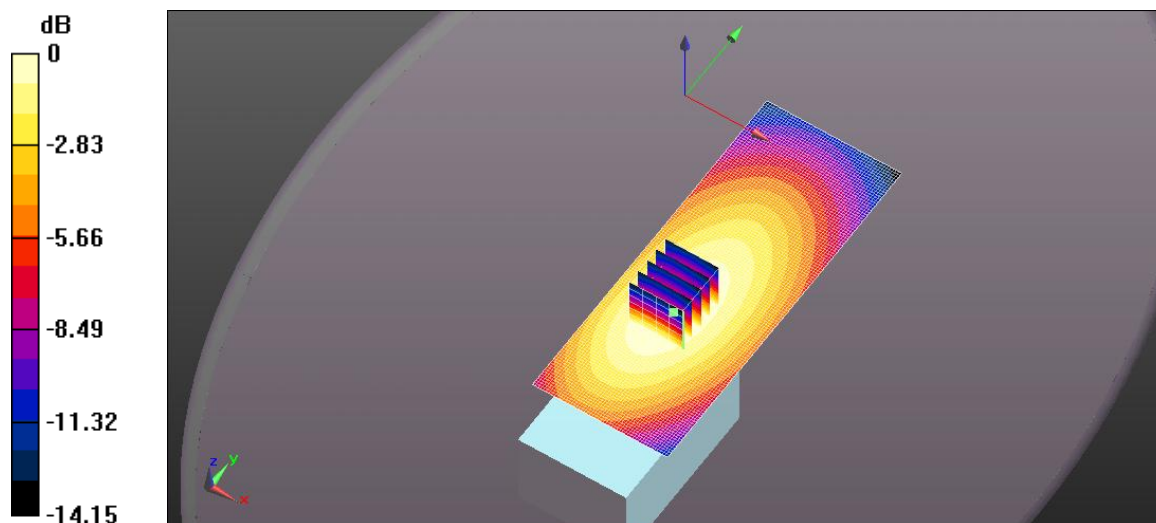
Configuration_Body_IC-F62D/Body_Back, P=5W, d=0mm (SAR corrected for target medium)/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 115.0 V/m; Power Drift = -0.55 dB

Peak SAR (extrapolated) = 14.8 W/kg

SAR(1 g) = 9.83 W/kg; SAR(10 g) = 6.83 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 11.2 W/kg



0 dB = 11.7 W/kg = 10.67 dBW/kg