APPENDIX 1

SAR Measurement Data

3000 Bristol Circle, Oakville, Ontario, Canada L6H 6G4
Tel. #: 905-829-1570, Fax. #: 905-829-8050, Email: vic@ultratech-labs.com, Website: http://www.ultratech-labs.com

Contents

EXHIBIT 1. BODY SAR MEASUREMENTS

Body SAR Measurement Summary

Antenna	Power (W)	CH	CH. Freq	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)	Power Drift
				BP-283,2010mAh	BP-283,2010mAh	
			(MHz)	MB-133& HM-222	MB-133& HM-222	(dB)
FA-SC61UC 480MHz 136mm	5.03	6	395	6.06	3.85	-0.12

3000 Bristol Circle, Oakville, Ontario, Canada L6H 6G4
Tel. #: 905-829-1570, Fax. #: 905-829-8050, Email: vic@ultratech-labs.com, Website: http://www.ultratech-labs.com

File Name: ICOM-578QR1 FA-S76UC 156mm 395MHz.da52:0

DUT: IC-F62D; Type: UHF Digital Transceiver; Serial: 51000203

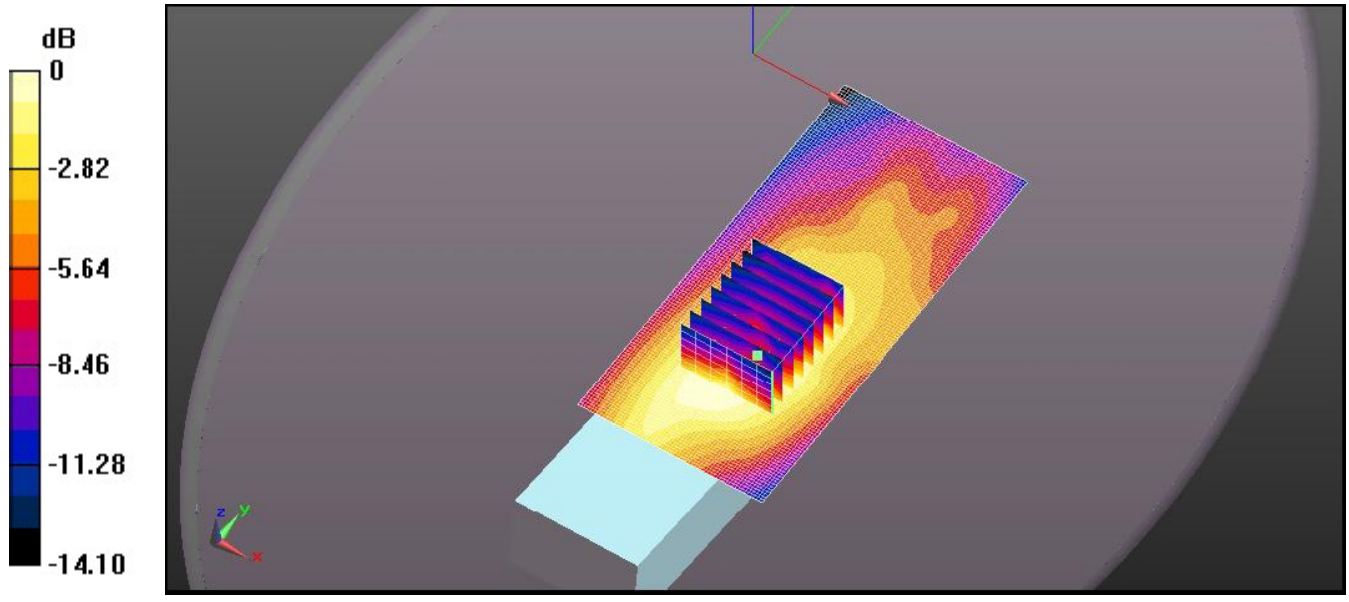
Communication System: UID 0, CW (0); Frequency: 395 MHz; Duty Cycle: 1:1
Medium parameters used: f = 395 MHz; σ = 0.91 S/m; ε_r = 56.179; ρ = 1000 kg/m^3 ; Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3208; ConvF(7.04, 7.04, 7.04); 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_Body_IC-F7020T/Body_Back, P=5W, d=0mm/Area Scan (61x131x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 9.68 W/kg

Configuration_Body_IC-F7020T/Body_Back, P=5W, d=0mm/Zoom Scan (5x5x7) (7x8x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 79.80 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 9.57 W/kg
SAR(1 g) = 6.06 W/kg; SAR(10 g) = 3.85 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 7.55 W/kg



0 dB = 9.68 W/kg = 9.86 dBW/kg