

APPENDIX 1

SAR Measurement Data

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EXHIBIT 1. HEAD SAR MEASUREMENTS

Head SAR Measurement Summary

Antenna	Power (W)	CH	CH. Freq	HEAD SAR1g (W/Kg)	HEAD SAR10g (W/Kg)	Power Drift
				BP-303	BP-303	
			(MHz)	3350mAh	3350mAh	(dB)
FA-S81V	4.75	2	143	2.46	1.68	-1.91

FILE NAME: ICOM-561QR1 HEAD BP-303 FA-S81V 143MHZ.DA52:0

DUT: IC-F3400DT; Type: UHF Digital Transceiver; Serial: 41000204

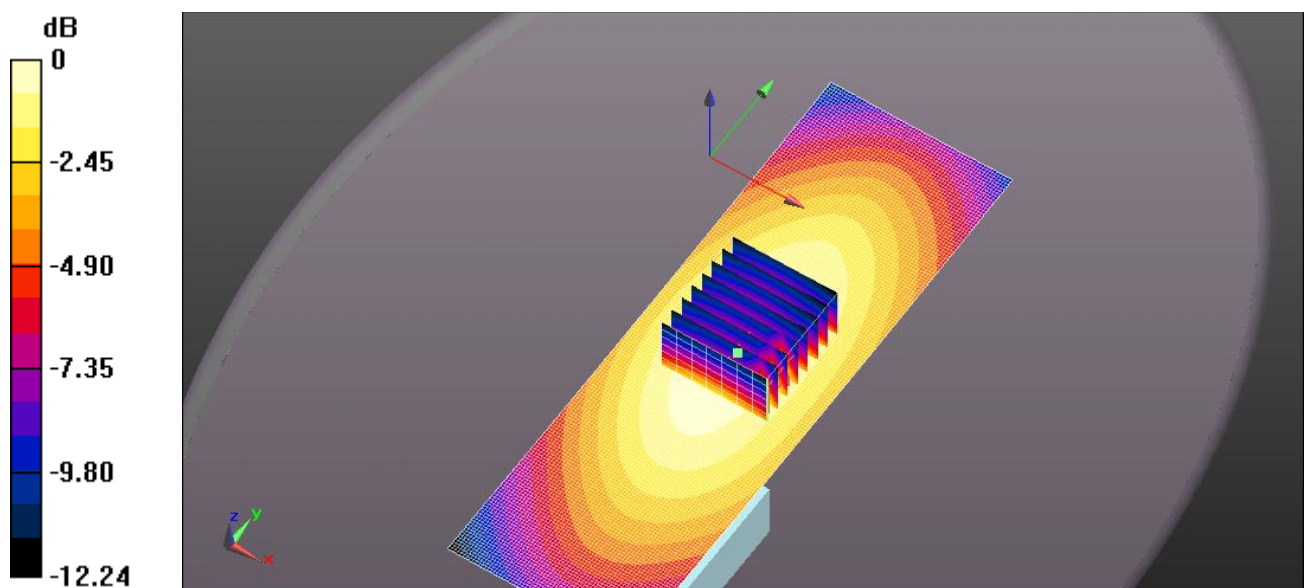
Communication System: UID 0, CW (0); Frequency: 143 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 143$ MHz; $\sigma = 0.783$ S/m; $\epsilon_r = 52.089$; $\rho = 1000$ kg/m³ ;
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.68, 7.68, 7.68); 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_Head_IC-F3400DT/Head Front, P=5W, d=25mm,(SAR corrected for target medium)/Area Scan (61x191x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 3.58 W/kg

Configuration_Head_IC-F3400DT/Head Front, P=5W, d=25mm,(SAR corrected for target medium)/Zoom Scan (5x5x7) (8x8x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 68.48 V/m; Power Drift = -1.91 dB
Peak SAR (extrapolated) = 3.95 W/kg
SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.68 W/kg (SAR corrected for target medium)
Maximum value of SAR (measured) = 2.97 W/kg



0 dB = 3.58 W/kg = 5.54 dBW/kg

EXHIBIT 2. 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	BP-283	
			(MHz)	2010mAh	2010mAh	(dB)
FA-S82V	4.89	3	150	1.8	1.3	-0.19

FILE NAME: ICOM-561QR1 BODY BP-283 MB-133 & HM-222 FA-S82V 150MHZ.DA52:0

DUT: IC-F3400DT; Type: UHF Digital Transceiver; Serial: 41000204

Communication System: UID 0, CW (0); Frequency: 150 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 150$ MHz; $\sigma = 0.816$ S/m; $\epsilon_r = 60.4$; $\rho = 1000$ kg/m³; Phantom section: Flat Section; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: ES3DV3 - SN3250; ConvF(7.52, 7.52, 7.52); 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-F3400DT/Body Back, P=5W, d=0mm,/Area Scan (51x161x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.06 W/kg

Configuration_Body_IC-F3400DT/Body Back, P=5W, d=0mm,/Zoom Scan (5x5x7)

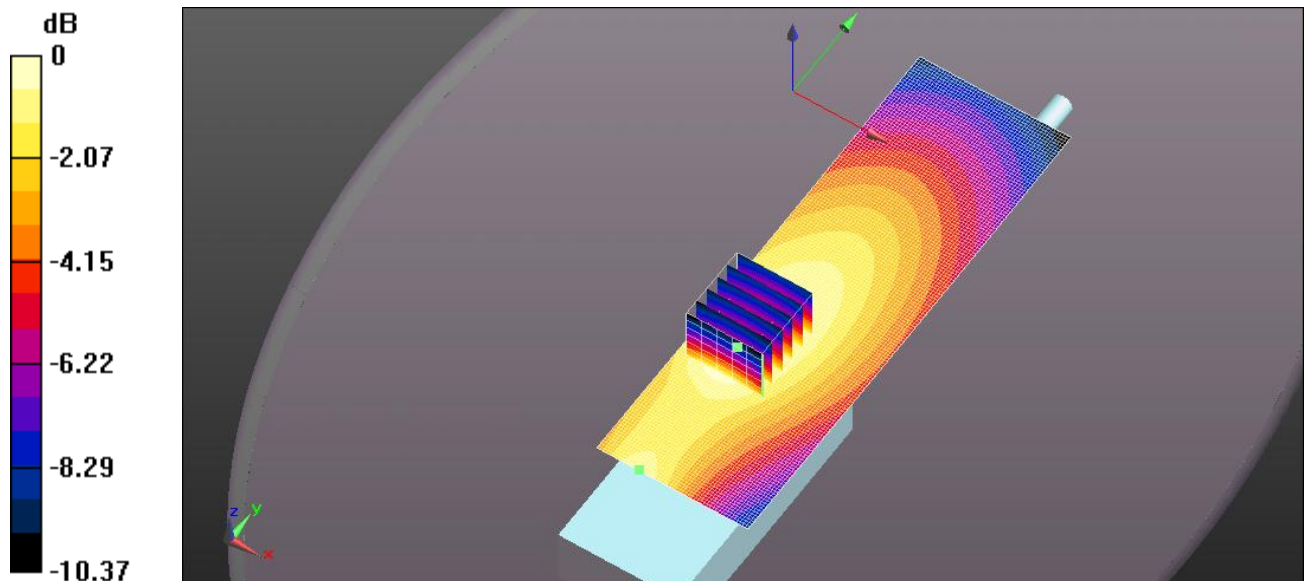
(6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 47.90 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 3.01 W/kg

SAR(1 g) = 1.8 W/kg; SAR(10 g) = 1.3 W/kg (SAR corrected for target medium)

Maximum value of SAR (measured) = 2.10 W/kg



0 dB = 2.06 W/kg = 3.14 dBW/kg