APPENDIX 1

SAR Measurement Data

Contents

EXHIBIT 1.   HEAD SAR MEASUREMENTS

Power (mW)	CH	CH. Freq	HEAD SAR1g (W/Kg) BP-294	HEAD SAR10g (W/Kg) BP-294	Power Drift (dB)
		(MHz)			
5.1000	0	2402	<0.001	<0.001	NA
5.1600	39	2441	<0.001	<0.001	NA
5.0800	78	2480	<0.001	<0.001	NA

1. **File Name: ICOM-625Q Head 2.402GHz.da52:0**

DUT: IC-F62D; Type: UHF Digital Transceiver; Serial: 17000501

Communication System: UID 0, CW (0); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2402 MHz; σ = 1.731 S/m; ε_r = 38.194; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
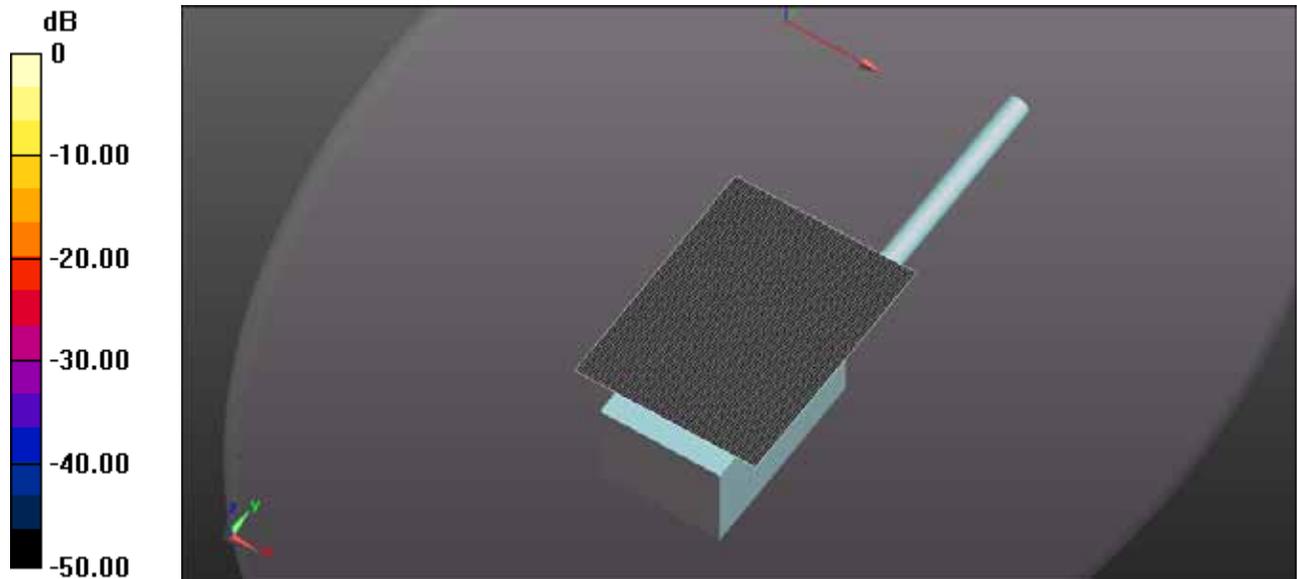
DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(7.27, 7.27, 7.27); Calibrated: 8/12/2024;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/8/2024
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Body Configuration_2.402GHz_IC-F62D/d=10mm, Pin=250mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0 W/kg

0 dB = 0 W/kg = -999.00 dBW/kg

2. File Name: ICOM-625Q Head 2.441GHz.da52:0

DUT: IC-F62D; Type: UHF Digital Transceiver; Serial: 17000501

Communication System: UID 0, CW (0); Frequency: 2441 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 1.742 S/m; ε_r = 38.031; ρ = 1000 kg/m^3 ;
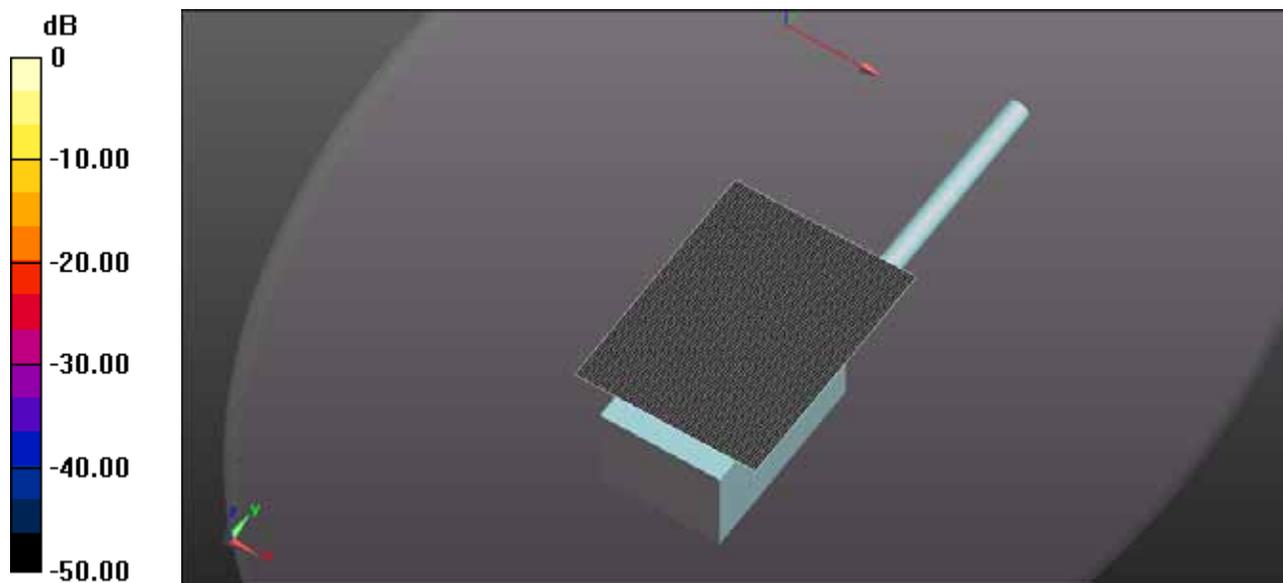Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(7.27, 7.27, 7.27); Calibrated: 8/12/2024;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/8/2024
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Body Configuration_2.402GHz_IC-F62D/d=10mm, Pin=250mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0 W/kg

0 dB = 0 W/kg = -999.00 dBW/kg

3. **File Name: ICOM-625Q Head 2.480GHz.da52:0**

DUT: IC-F62D; Type: UHF Digital Transceiver; Serial: 17000501

Communication System: UID 0, CW (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2480 MHz; σ = 1.812 S/m; ε_r = 37.787; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
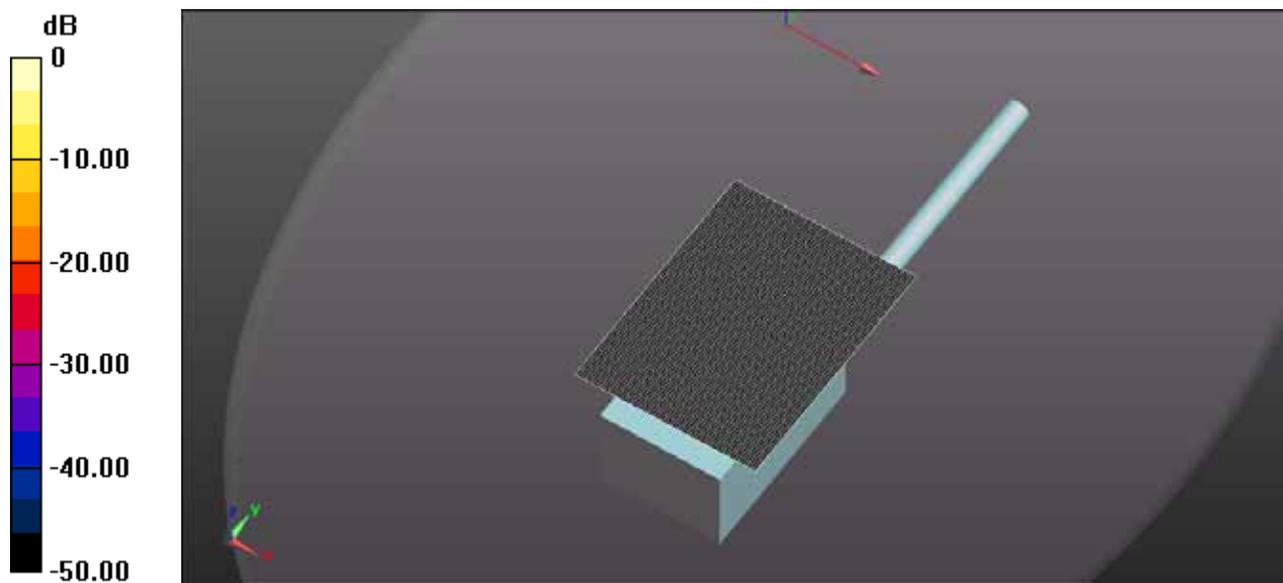
DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(7.27, 7.27, 7.27); Calibrated: 8/12/2024;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/8/2024
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Body Configuration_2.402GHz_IC-F62D/d=10mm, Pin=250mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0 W/kg

0 dB = 0 W/kg = -999.00 dBW/kg

EXHIBIT 2.   BODY SAR MEASUREMENTS

Power (mW)	CH	CH. Freq	BODY SAR1g (W/Kg) BP-294	BODY SAR10g (W/Kg) BP-294	Power Drift (dB)
		(MHz)			
5.1000	0	2402	<0.001	<0.001	NA
5.1600	39	2441	<0.001	<0.001	NA
5.0800	78	2480	<0.001	<0.001	NA

1. **File Name: ICOM-625Q Body 2.402GHz.da52:0**

DUT: IC-F62D; Type: UHF Digital Transceiver; Serial: 17000501

Communication System: UID 0, CW (0); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2402 MHz; σ = 1.98 S/m; $ε_r$ = 53.261; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
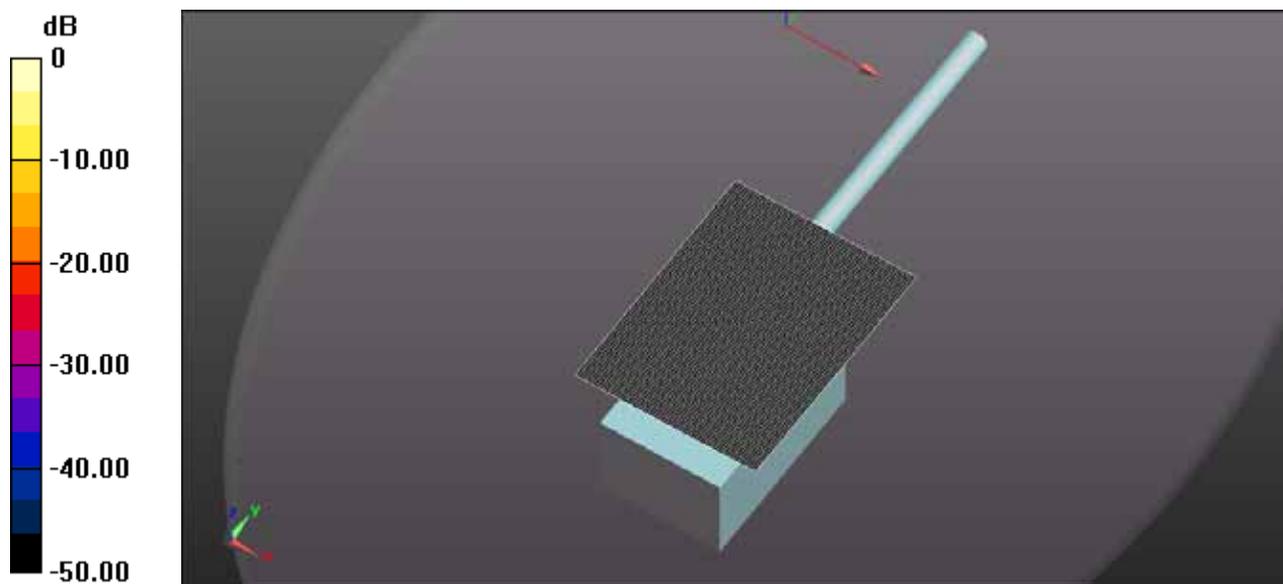
DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(7.18, 7.18, 7.18); Calibrated: 8/12/2024;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/8/2024
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Body Configuration_2.402GHz_IC-F62D(Low Band)/d=10mm, Pin=250mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0 W/kg

0 dB = 0 W/kg = -999.00 dBW/kg

2. **File Name: ICOM-625Q Body 2.441GHz.da52:0**

DUT: IC-F62D; Type: UHF Digital Transceiver; Serial: 17000501

Communication System: UID 0, CW (0); Frequency: 2441 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2441 MHz; σ = 2.021 S/m; $ε_r$ = 53.14; ρ = 1000 kg/m^3 ;
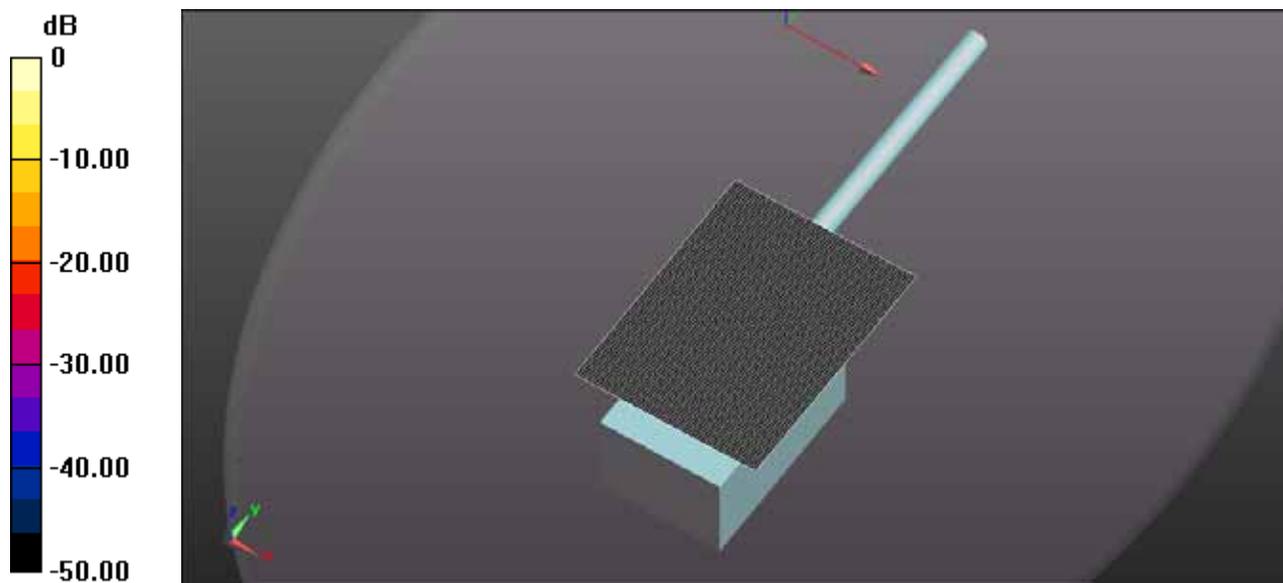Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(7.18, 7.18, 7.18); Calibrated: 8/12/2024;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/8/2024
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Body Configuration_2.441GHz_IC-F62D(Low Band)/d=10mm, Pin=250mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0 W/kg

0 dB = 0 W/kg = -999.00 dBW/kg

3. File Name: ICOM-625Q Body 2.480GHz.da52:0

DUT: IC-F62D; Type: UHF Digital Transceiver; Serial: 17000501

Communication System: UID 0, CW (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): f = 2480 MHz; σ = 2.054 S/m; ε_r = 53.045; ρ = 1000 kg/m^3 ;
Phantom section: Flat Section ; Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)
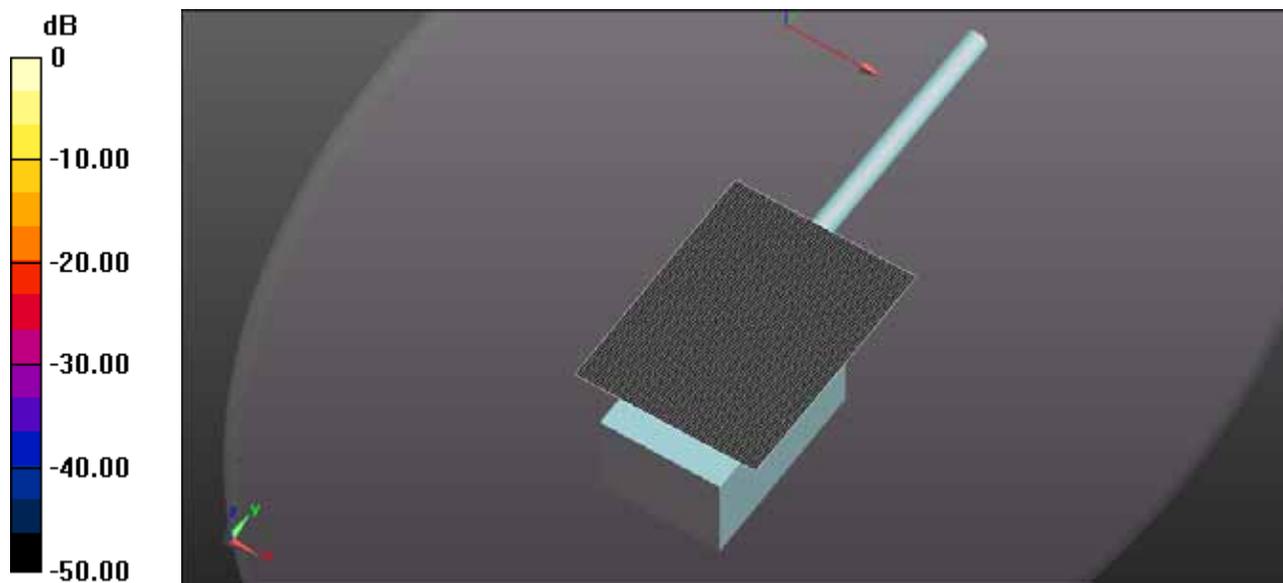
DASY Configuration:

- Probe: EX3DV4 - SN3673; ConvF(7.18, 7.18, 7.18); Calibrated: 8/12/2024;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn874; Calibrated: 8/8/2024
- Phantom: ELI 4.0; Type: QD OVA 001 BB; Serial: 1057
- DASY52 52.10.0(1446); SEMCAD X 14.6.10(7417)

Body Configuration_2.480GHz_IC-F62D(Low Band)/d=10mm, Pin=250mW, dist=1.4mm (EX-Probe)/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (interpolated) = 0 W/kg

0 dB = 0 W/kg = -999.00 dBW/kg