

# APPENDIX 1

## SAR Measurement Data

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**EXHIBIT 1. HEAD SAR MEASUREMENTS**

Power (mW)	CH	CH. Freq (MHz)	BODY SAR1g (W/Kg)	BODY SAR10g (W/Kg)	Power Drift (dB)
			BP-292UL	BP-292UL	
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-629Q Head 2.402GHz.da52:0](#)

DUT: IC-F62D; Type: UHF Digital Transceiver; Serial: 22001451

Communication System: UID 0, CW (0); Frequency: 2402 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2402$  MHz;  $\sigma = 1.731$  S/m;  $\epsilon_r = 38.194$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

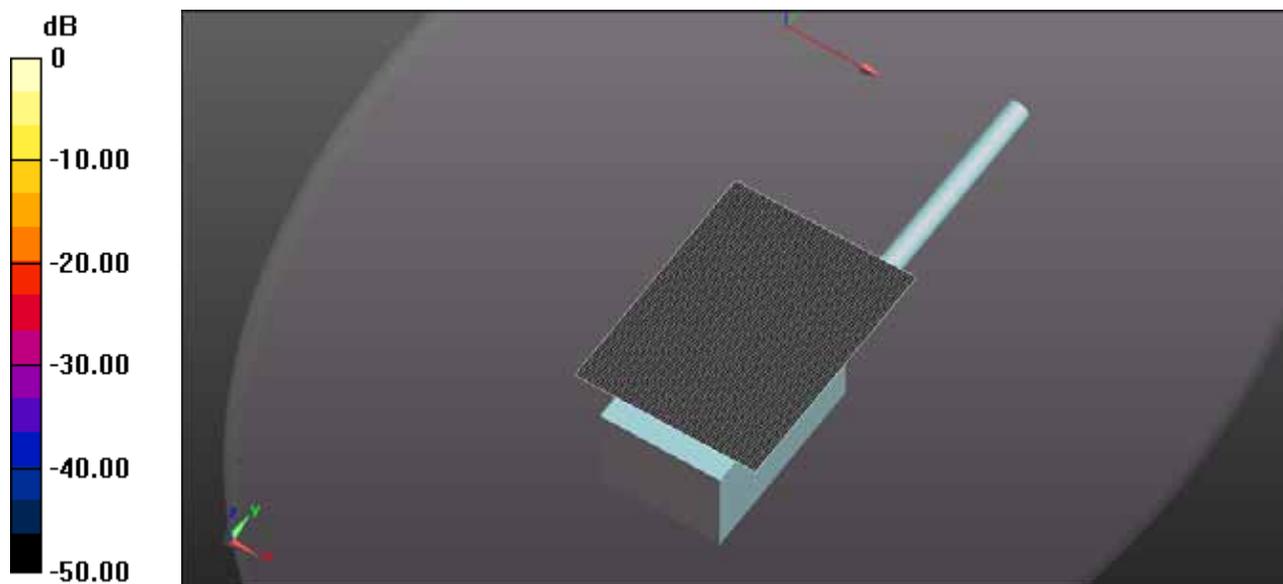
DASY Configuration:

- 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
- DASYS 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-629Q Head 2.441GHz.da52:0](#)

**DUT: IC-F62D; Type: UHF Digital Transceiver; Serial: 22001451**

Communication System: UID 0, CW (0); Frequency: 2441 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.742$  S/m;  $\epsilon_r = 38.031$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

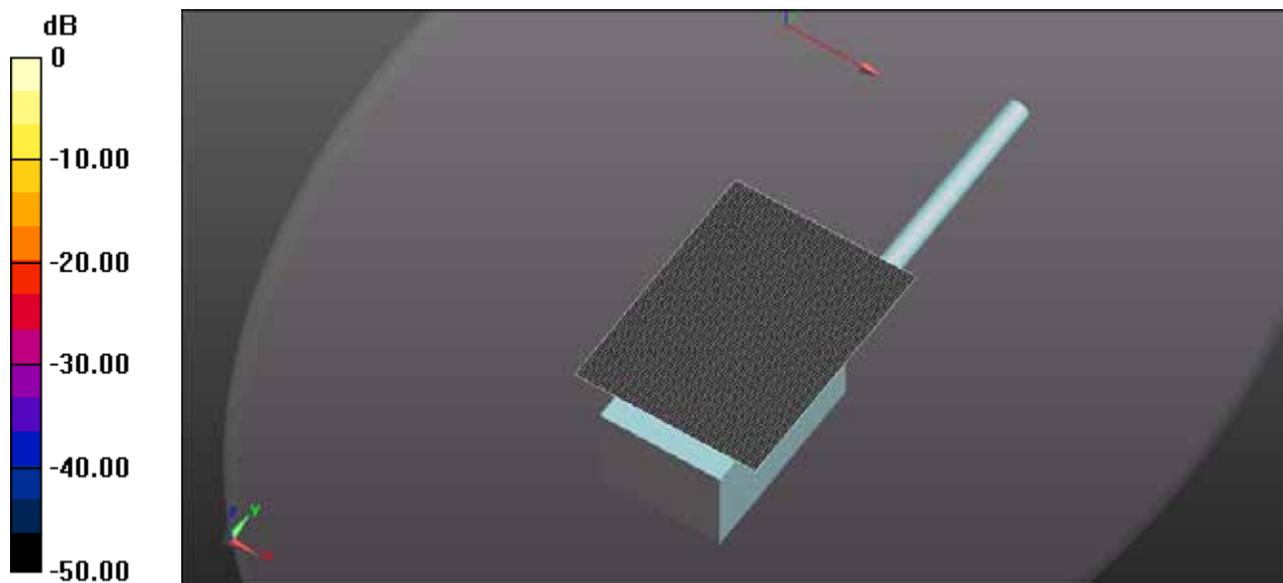
DASY Configuration:

- 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
- DASYS 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-629Q Head 2.480GHz.da52:0](#)

DUT: IC-F62D; Type: UHF Digital Transceiver; Serial: 22001451

Communication System: UID 0, CW (0); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2480$  MHz;  $\sigma = 1.812$  S/m;  $\epsilon_r = 37.787$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

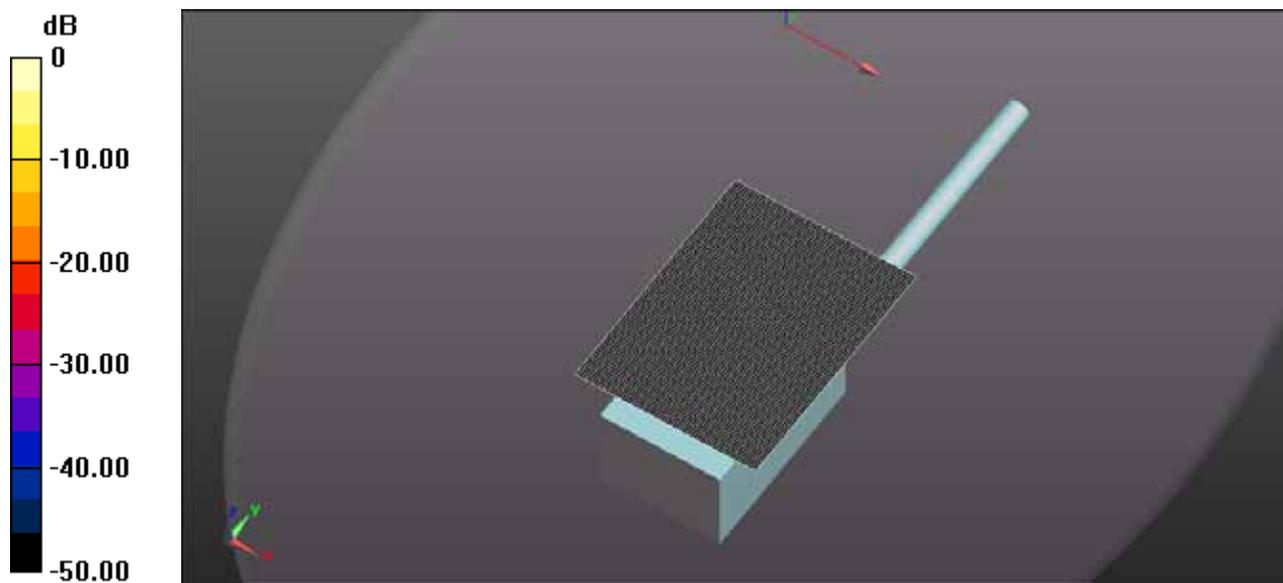
DASY Configuration:

- 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
- DASYS 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)	BODY SAR10g (W/Kg)	Power Drift (dB)
		(MHz)	BP-292UL	BP-292UL	
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-629Q Body 2.402 2GHz.da52:0](#)

**DUT: IC-F62D; Type: VHF Digital Transceiver; Serial: 22001451**

Communication System: UID 0, CW (0); Frequency: 2402 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 2402$  MHz;  $\sigma = 1.966$  S/m;  $\epsilon_r = 53.069$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

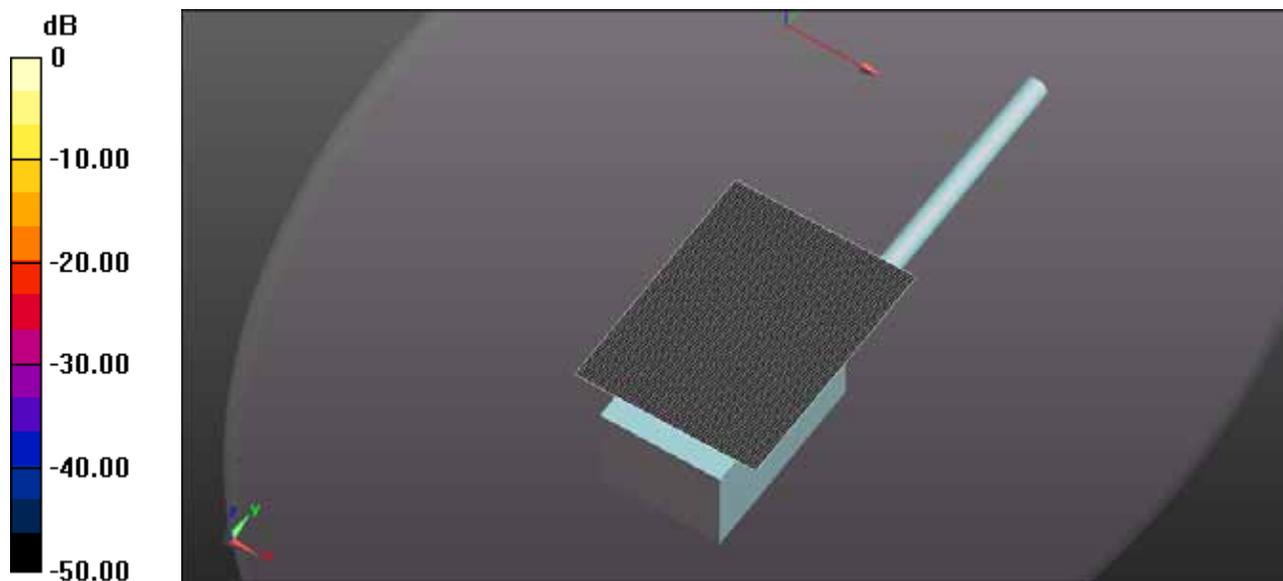
DASY Configuration:

- 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
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

**Body Configuration\_2.402GHz\_IC-F62D-UL/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-629Q Body 2.441 2GHz.da52:0](#)

DUT: IC-F62D; Type: UHF Digital Transceiver; Serial: 22001451

Communication System: UID 0, CW (0); Frequency: 2441 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.939$  S/m;  $\epsilon_r = 52.781$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

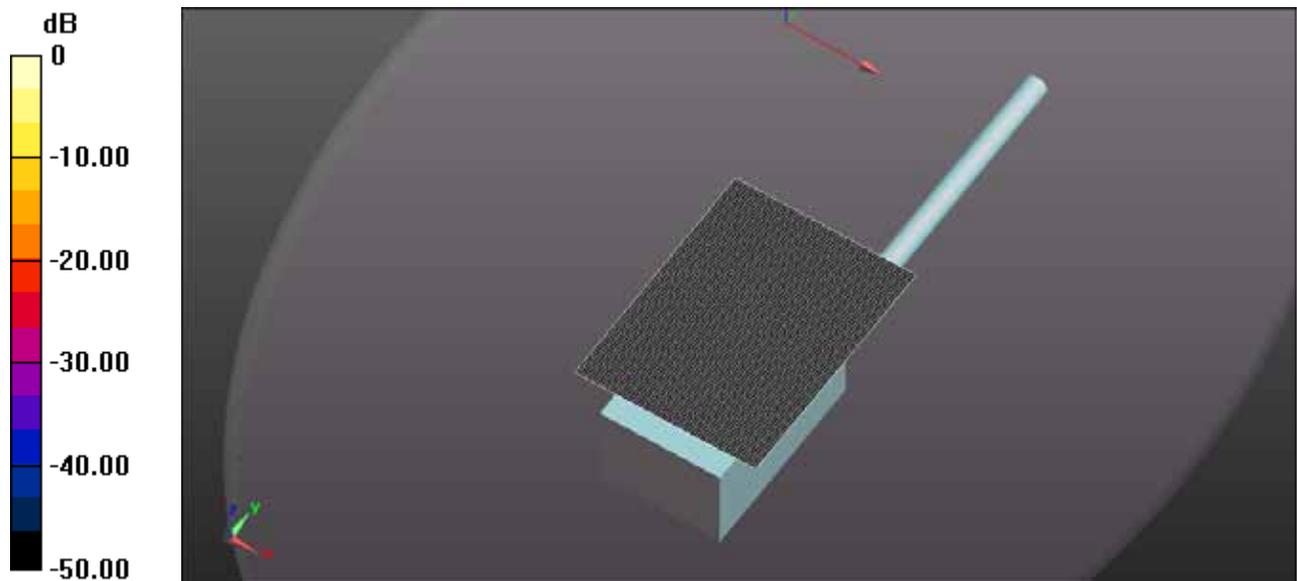
DASY Configuration:

- 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
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

**Body Configuration\_2.402GHz\_IC-F62D-UL/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-629Q Body 2.480 2GHz.da52:0](#)

DUT: IC-F62D; Type: UHF Digital Transceiver; Serial: 22001451

Communication System: UID 0, CW (0); Frequency: 2480 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 2480$  MHz;  $\sigma = 2.036$  S/m;  $\epsilon_r = 52.842$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;  
Phantom section: Flat Section ; Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2011)

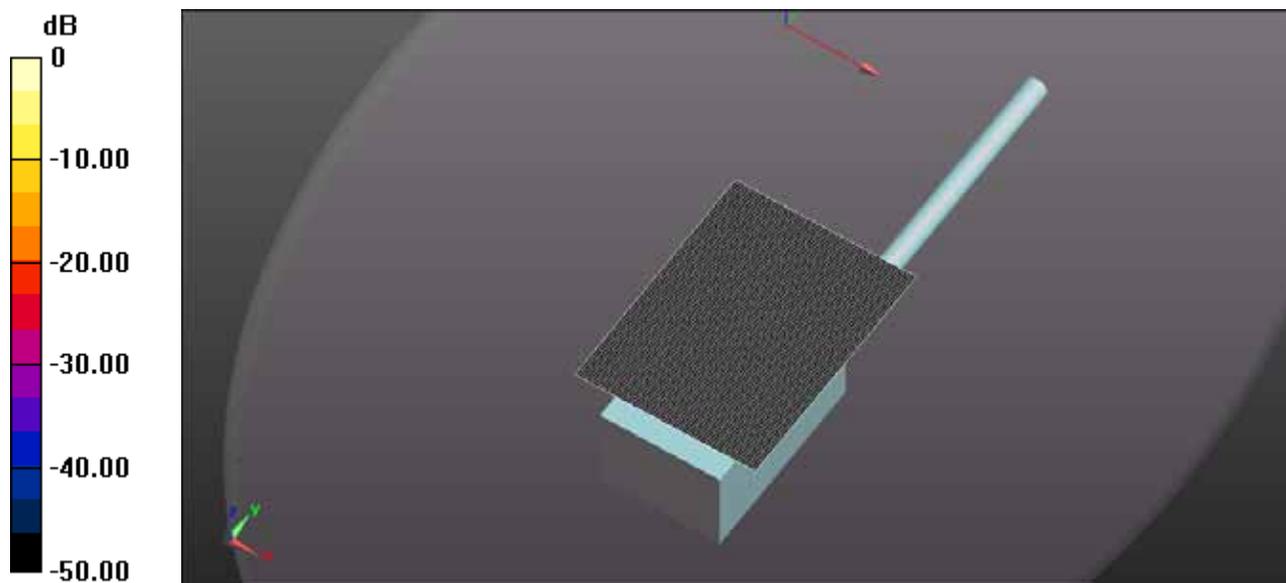
DASY Configuration:

- 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
- DASYS 52.10.0(1446); SEMCAD X 14.6.10(7417)

**Body Configuration\_2.402GHz\_IC-F62D-UL/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