

# Appendix B

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| BT |
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Measurement Report for M71E, FRONT, ISM 2.4 GHz Band, Bluetooth (GFSK, DH5), Channel 1 (2402.000 MHz)

Device Under Test Properties

| Model, Manufacturer | Dimensions [mm]    | IMEI |
|---------------------|--------------------|------|
| M71E,               | 55.0 x 40.0 x 14.0 |      |

Exposure Conditions

| Phantom Section, TSL         | Position, Test Distance [mm] | Band             | Group, UID           | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|------------------------------|------------------------------|------------------|----------------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, Head Simulating Liquid | FRONT, 0.00                  | ISM 2.4 GHz Band | Bluetooth, 10032-CAA | 2402.000, 1                     | 7.27              | 1.75                   | 39.8             |

Hardware Setup

| Phantom                                 | TSL, Measured Date   | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------------------------------|----------------------|-----------------------------|---------------------------|
| Twin-SAM V8.0 (30deg probe tilt) – 2168 | HSL2450 , 2024-11-07 | EX3DV4 – SN7812, 2024-06-25 | DAE4ip Sn1846, 2024-12-10 |

Scans Setup

|                     | Area Scan   | Zoom Scan          |
|---------------------|-------------|--------------------|
| Grid Extents [mm]   | 72.0 x 96.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 12.0 x 12.0 | 5.0 x 5.0 x 5.0    |
| Sensor Surface [mm] | 3.0         | 1.4                |
| Graded Grid         | N/A         | Yes                |
| Grading Ratio       | N/A         | 1.5                |
| MAIA                | Y           | N/A                |
| Surface Detection   | All points  | All points         |
| Scan Method         | Measured    | Measured           |

Measurement Results

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2025-01-05, 13:57 | 2025-01-05, 14:06 |
| psSAR1g [W/Kg]      | 0.248             | 0.257             |
| psSAR10g [W/Kg]     | 0.104             | 0.081             |
| Power Drift [dB]    | -0.05             | 0.00              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 31.3              |
| Dist 3dB Peak [mm]  |                   | 5.2               |

