

Measurement Report for Device, FRONT, D2450, UID 0 -, Channel 50 (2450.0MHz)

**Device under Test Properties**

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Device,             | 100.0 x 20.0 x 10.0 |      | Phone    |

**Exposure Conditions**

| Phantom TSL | Section, Position, Distance [mm] | Test Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-------------|----------------------------------|-----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HSL   | FRONT, 5.00                      | D2450     | CW, 0--    | 2450.0, 50                      | 8.18              | 1.77                   | 39.5             |

**Hardware Setup**

| Phantom                            | TSL, Measured Date          | Probe, Calibration Date                   | DAE, Calibration Date   |
|------------------------------------|-----------------------------|---|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2178 | HSL600-10000<br>2022-Aug-30 | Charge: xxxx, EX3DV4 - SN7733, 2022-08-02 | DAE4 Sn1739, 2022-07-29 |

**Scan Setup**

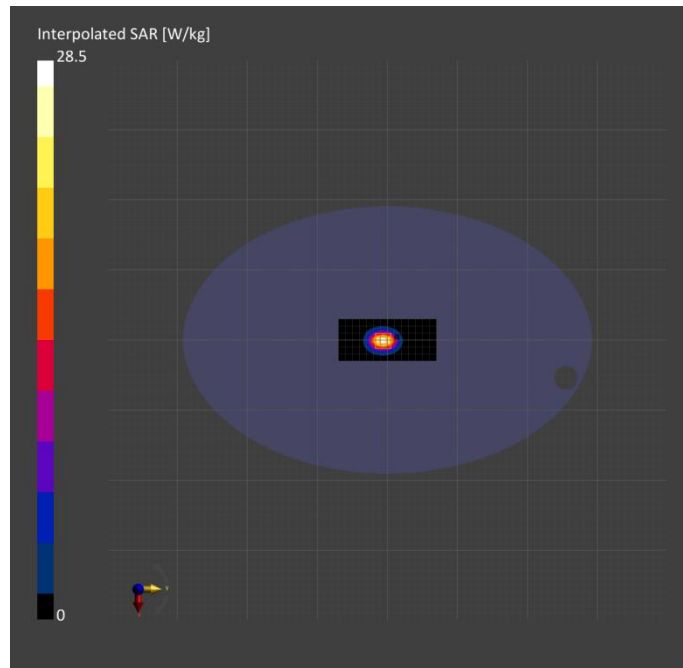
|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 60.0 x 140.0 | 30.0 x 30.0 x 30.0 |
| Grid Steps [mm]     | 10.0 x 10.0  | 5.0 x 5.0 x 1.5    |
| Sensor Surface [mm] | 3.0          | 1.4                |
| Graded Grid         | Yes          | Yes                |
| Grading Ratio       | 1.5          | 1.5                |
| MAIA                | N/A          | N/A                |
| Surface Detection   | VMS + 6p     | VMS + 6p           |
| Scan Method         | Measured     | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2022-08-26, 09:44 | 2022-08-26, 09:52 |
| psSAR1g [W/kg]      | 13.9              | 13.8              |
| psSAR10g [W/kg]     | 6.52              | 6.45              |
| Power Drift [dB]    | 0.00              | 0.01              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 80.5              |
| Dist 3dB Peak [mm]  |                   | 9.0               |

**Warning(s) / Error(s)**

| Details    | Area Scan | Zoom Scan |
|------------|-----------|-----------|
| Warning(s) |           |           |
| Error(s)   |           |           |



Measurement Report for Device, FRONT, D5GHz, UID 0 -, Channel 25 (5250.0MHz)

**Device under Test Properties**

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Device,             | 100.0 x 20.0 x 10.0 |      | Phone    |

**Exposure Conditions**

| Phantom TSL | Section, Position, Distance [mm] | Test Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-------------|----------------------------------|-----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HSL   | FRONT, 5.00                      | D5GHz     | CW, 0--    | 5250.0, 25                      | 5.92              | 4.68                   | 34.6             |

**Hardware Setup**

| Phantom                            | TSL, Measured Date          | Probe, Calibration Date                   | DAE, Calibration Date   |
|------------------------------------|-----------------------------|---|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2178 | HSL600-10000<br>2022-Aug-30 | Charge: xxxx, EX3DV4 - SN7733, 2022-08-02 | DAE4 Sn1739, 2022-07-29 |

**Scan Setup**

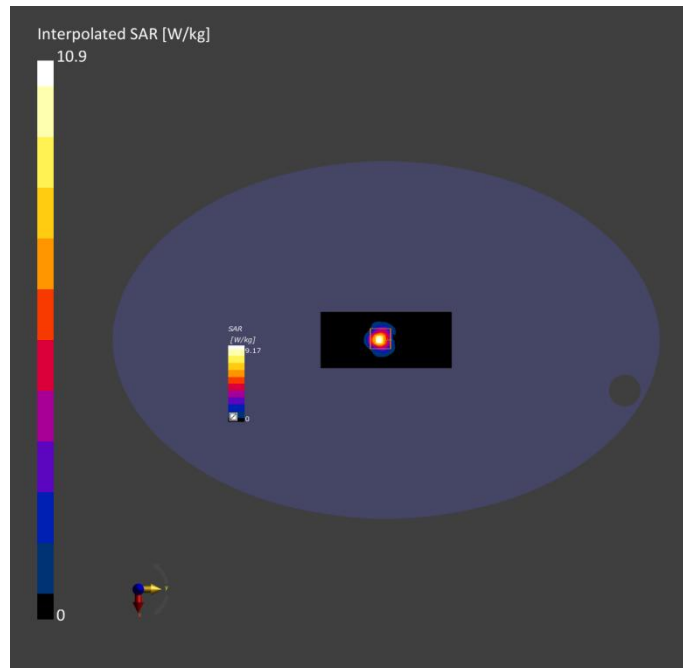
|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 60.0 x 140.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0  | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0          | 1.4                |
| Graded Grid         | Yes          | Yes                |
| Grading Ratio       | 1.5          | 1.4                |
| MAIA                | N/A          | N/A                |
| Surface Detection   | VMS + 6p     | VMS + 6p           |
| Scan Method         | Measured     | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2022-08-26, 11:05 | 2022-08-26, 11:13 |
| psSAR1g [W/kg]      | 7.48              | 8.18              |
| psSAR10g [W/kg]     | 2.29              | 2.36              |
| Power Drift [dB]    | -0.00             | 0.01              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 64.7              |
| Dist 3dB Peak [mm]  |                   | 7.2               |

**Warning(s) / Error(s)**

| Details    | Area Scan | Zoom Scan |
|------------|-----------|-----------|
| Warning(s) |           |           |
| Error(s)   |           |           |



Measurement Report for Device, FRONT, D5GHz, UID 0 -, Channel 60 (5600.0MHz)

**Device under Test Properties**

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Device,             | 100.0 x 20.0 x 10.0 |      | Phone    |

**Exposure Conditions**

| Phantom TSL | Section, Position, Distance [mm] | Test Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-------------|----------------------------------|-----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HSL   | FRONT, 0.00                      | D5GHz     | CW, 0--    | 5600.0, 60                      | 5.08              | 5.01                   | 36.1             |

**Hardware Setup**

| Phantom                            | TSL, Measured Date          | Probe, Calibration Date                   | DAE, Calibration Date   |
|------------------------------------|-----------------------------|---|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2178 | HSL600-10000<br>2022-Aug-30 | Charge: xxxx, EX3DV4 - SN7733, 2022-08-02 | DAE4 Sn1739, 2022-07-29 |

**Scan Setup**

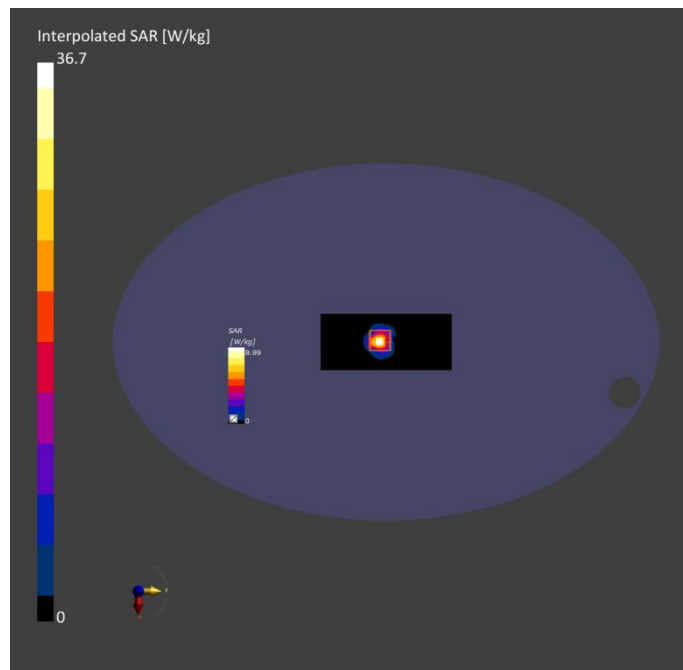
|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 60.0 x 140.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0  | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0          | 1.4                |
| Graded Grid         | Yes          | Yes                |
| Grading Ratio       | 1.5          | 1.4                |
| MAIA                | N/A          | N/A                |
| Surface Detection   | VMS + 6p     | VMS + 6p           |
| Scan Method         | Measured     | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2022-08-26, 08:25 | 2022-08-26, 08:33 |
| psSAR1g [W/kg]      | 8.01              | 8.69              |
| psSAR10g [W/kg]     | 2.39              | 2.47              |
| Power Drift [dB]    | -0.00             | -0.00             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 62.0              |
| Dist 3dB Peak [mm]  |                   | 7.2               |

**Warning(s) / Error(s)**

| Details    | Area Scan | Zoom Scan |
|------------|-----------|-----------|
| Warning(s) |           |           |
| Error(s)   |           |           |



Measurement Report for Device, FRONT, D5GHz, UID 0 -, Channel 75 (5750.0MHz)

**Device under Test Properties**

| Model, Manufacturer | Dimensions [mm]     | IMEI | DUT Type |
|---------------------|---------------------|------|----------|
| Device,             | 100.0 x 20.0 x 10.0 |      | Phone    |

**Exposure Conditions**

| Phantom TSL | Section, | Position, Distance [mm] | Test Band | Group, UID | Frequency [MHz], Channel Number | Conversion Factor | TSL Conductivity [S/m] | TSL Permittivity |
|-------------|----------|-------------------------|-----------|------------|---------------------------------|-------------------|------------------------|------------------|
| Flat, HSL   | FRONT,   | 0.00                    | D5GHz     | CW, 0--    | 5750.0, 75                      | 5.15              | 5.12                   | 36.0             |

**Hardware Setup**

| Phantom                            | TSL, Measured Date          | Probe, Calibration Date                   | DAE, Calibration Date   |
|------------------------------------|-----------------------------|---|-------------------------|
| ELI V8.0 (20deg probe tilt) - 2178 | HSL600-10000<br>2022-Aug-30 | Charge: xxxx, EX3DV4 - SN7733, 2022-08-02 | DAE4 Sn1739, 2022-07-29 |

**Scan Setup**

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 60.0 x 140.0 | 22.0 x 22.0 x 22.0 |
| Grid Steps [mm]     | 10.0 x 10.0  | 4.0 x 4.0 x 1.4    |
| Sensor Surface [mm] | 3.0          | 1.4                |
| Graded Grid         | Yes          | Yes                |
| Grading Ratio       | 1.5          | 1.4                |
| MAIA                | N/A          | N/A                |
| Surface Detection   | VMS + 6p     | VMS + 6p           |
| Scan Method         | Measured     | Measured           |

**Measurement Results**

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2022-08-26, 08:43 | 2022-08-26, 08:50 |
| psSAR1g [W/kg]      | 6.89              | 7.58              |
| psSAR10g [W/kg]     | 2.09              | 2.16              |
| Power Drift [dB]    | -0.00             | 0.03              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 60.7              |
| Dist 3dB Peak [mm]  |                   | 7.2               |

**Warning(s) / Error(s)**

| Details    | Area Scan | Zoom Scan |
|------------|-----------|-----------|
| Warning(s) |           |           |
| Error(s)   |           |           |

