

## Appendix B

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|-------------|
| LTE Band 2  |
| LTE Band 5  |
| LTE Band 12 |
| LTE Band 13 |
| LTE Band 66 |
| LTE Band 71 |

Device Under Test Properties

| Model  | Dimensions [mm]     |
|--------|---------------------|
| Device | 110.0 x 50.0 x 50.0 |

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                  | Band 2 | LTE-FDD, 10169-CAF | 1880.000, 18900                 | 8.21              | 1.35                   | 40.4             |

Hardware Setup

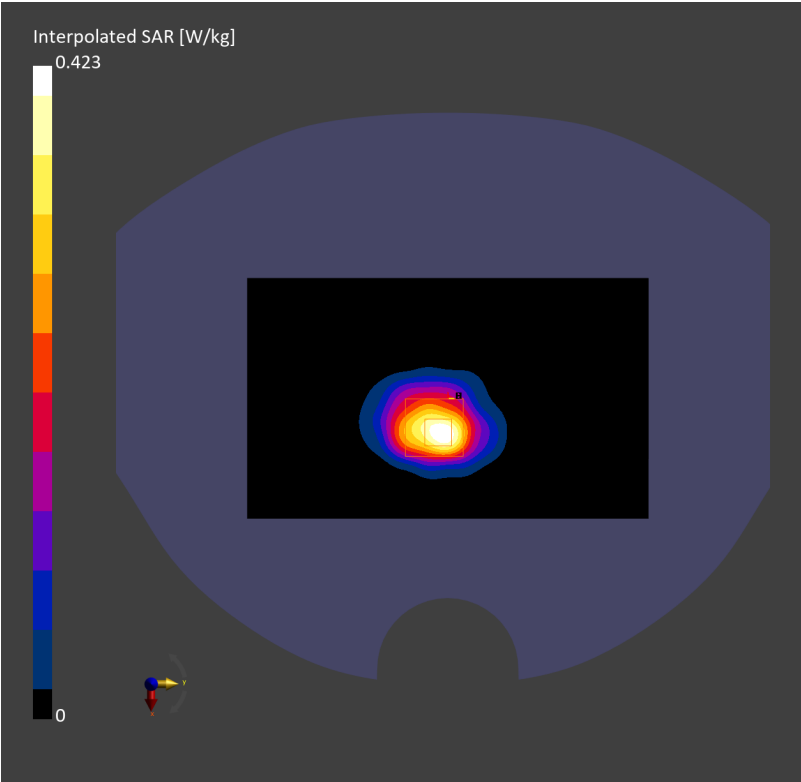
| Phantom                                 | TSL     | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------------------------------|---------|-----------------------------|---------------------------|
| Twin-SAM V8.0 (30deg probe tilt) – 2168 | HSL1950 | EX3DV4 – SN3624, 2025-01-15 | DAE4ip Sn1846, 2024-12-10 |

Scans Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 90.0 x 150.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0    |
| Sensor Surface [mm] | 3.0          | 1.4                |
| Graded Grid         | N/A          | Yes                |
| Grading Ratio       | N/A          | 1.5                |
| MAIA                | N/A          | N/A                |
| Surface Detection   | VMS + 6p     | VMS + 6p           |
| Scan Method         | Measured     | Measured           |

Measurement Results

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2025-08-15, 19:20 | 2025-08-15, 19:28 |
| psSAR1g [W/Kg]      | 0.338             | 0.362             |
| psSAR10g [W/Kg]     | 0.170             | 0.177             |
| Power Drift [dB]    | -0.02             | -0.09             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 50.2              |
| Dist 3dB Peak [mm]  |                   | 8.2               |



Device Under Test Properties

| Model  | Dimensions [mm]     |
|--------|---------------------|
| Device | 110.0 x 50.0 x 50.0 |

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                  | Band 5 | LTE-FDD, 10175-CAH | 844.000, 20600                  | 9.84              | 0.934                  | 43.1             |

Hardware Setup

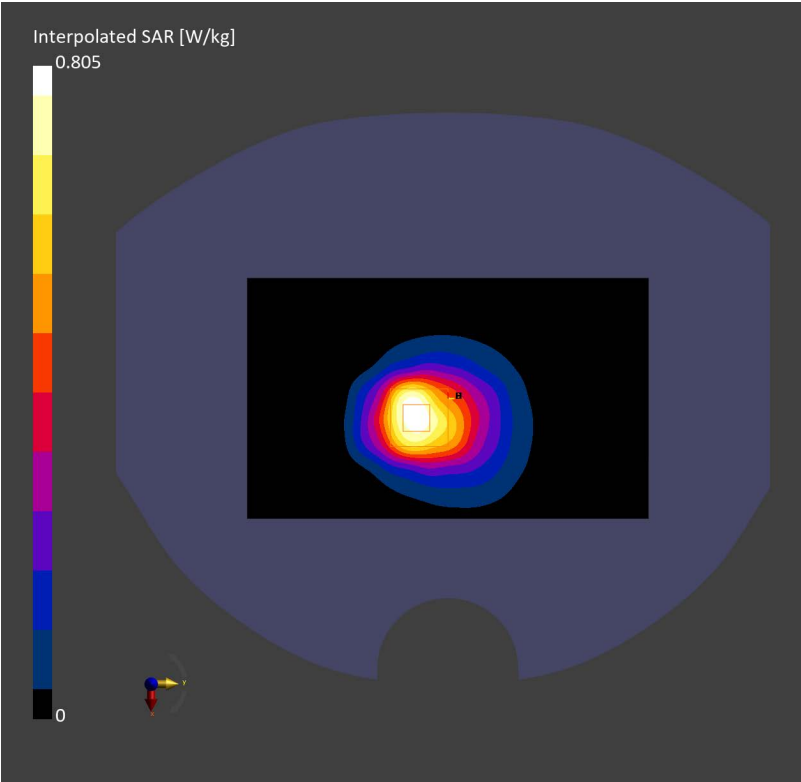
| Phantom                                 | TSL    | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------------------------------|--------|-----------------------------|---------------------------|
| Twin-SAM V8.0 (30deg probe tilt) – 2168 | HSL835 | EX3DV4 – SN3624, 2025-01-15 | DAE4ip Sn1846, 2024-12-10 |

Scans Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 90.0 x 150.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0    |
| Sensor Surface [mm] | 3.0          | 1.4                |
| Graded Grid         | N/A          | Yes                |
| Grading Ratio       | N/A          | 1.5                |
| MAIA                | N/A          | N/A                |
| Surface Detection   | VMS + 6p     | VMS + 6p           |
| Scan Method         | Measured     | Measured           |

Measurement Results

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2025-08-14, 13:51 | 2025-08-14, 13:58 |
| psSAR1g [W/Kg]      | 0.701             | 0.717             |
| psSAR10g [W/Kg]     | 0.429             | 0.353             |
| Power Drift [dB]    | -0.03             | -0.14             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 33.7              |
| Dist 3dB Peak [mm]  |                   | 8.2               |



Test Laboratory: TOWE Lab

Measurement Report for Device, FRONT, Band 12, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:High AntennaCfg:SISO, Channel 23130 (711.000 MHz)

Device Under Test Properties

| Model  | Dimensions [mm]     |
|--------|---------------------|
| Device | 110.0 x 50.0 x 50.0 |

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                  | Band 12 | LTE-FDD, 10175-CAH | 711.000, 23130                  | 9.42              | 0.897                  | 42.5             |

Hardware Setup

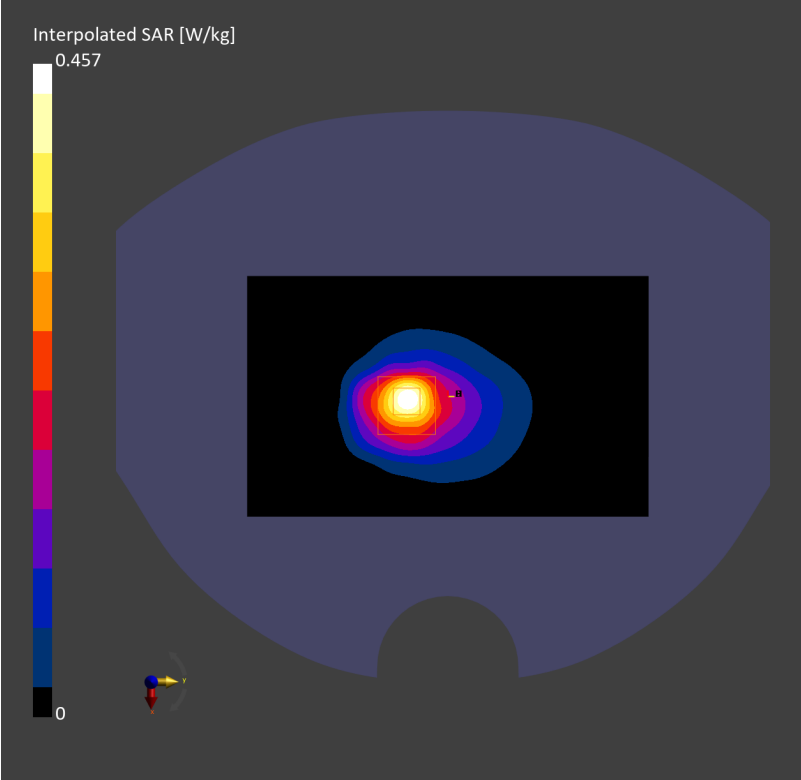
| Phantom                                 | TSL    | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------------------------------|--------|-----------------------------|---------------------------|
| Twin-SAM V8.0 (30deg probe tilt) – 2168 | HSL750 | EX3DV4 – SN7758, 2024-09-12 | DAE4ip Sn1846, 2024-12-10 |

Scans Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 90.0 x 150.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0    |
| Sensor Surface [mm] | 3.0          | 1.4                |
| Graded Grid         | N/A          | Yes                |
| Grading Ratio       | N/A          | 1.5                |
| MAIA                | N/A          | N/A                |
| Surface Detection   | VMS + 6p     | VMS + 6p           |
| Scan Method         | Measured     | Measured           |

Measurement Results

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2025-08-13, 15:08 | 2025-08-13, 15:15 |
| psSAR1g [W/Kg]      | 0.366             | 0.375             |
| psSAR10g [W/Kg]     | 0.207             | 0.167             |
| Power Drift [dB]    | -0.06             | -0.17             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 31.9              |
| Dist 3dB Peak [mm]  |                   | 8.4               |



Test Laboratory: TOWE Lab

Measurement Report for Device, FRONT, Band 13, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) RBPosition:High AntennaCfg:SISO, Channel 23230 (782.000 MHz)

Device Under Test Properties

| Model  | Dimensions [mm]     |
|--------|---------------------|
| Device | 110.0 x 50.0 x 50.0 |

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                  | Band 13 | LTE-FDD, 10175-CAH | 782.000, 23230                  | 9.42              | 0.902                  | 42.2             |

Hardware Setup

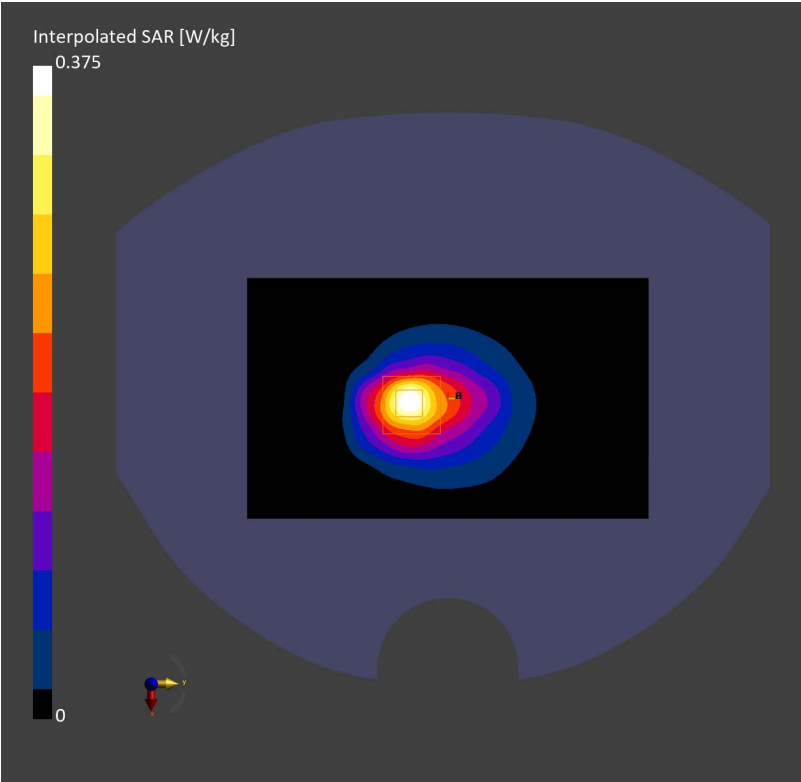
| Phantom                                 | TSL    | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------------------------------|--------|-----------------------------|---------------------------|
| Twin-SAM V8.0 (30deg probe tilt) – 2168 | HSL750 | EX3DV4 – SN7758, 2024-09-12 | DAE4ip Sn1846, 2024-12-10 |

Scans Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 90.0 x 150.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0    |
| Sensor Surface [mm] | 3.0          | 1.4                |
| Graded Grid         | N/A          | Yes                |
| Grading Ratio       | N/A          | 1.5                |
| MAIA                | N/A          | N/A                |
| Surface Detection   | VMS + 6p     | VMS + 6p           |
| Scan Method         | Measured     | Measured           |

Measurement Results

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2025-08-13, 16:17 | 2025-08-13, 16:24 |
| psSAR1g [W/Kg]      | 0.304             | 0.322             |
| psSAR10g [W/Kg]     | 0.174             | 0.152             |
| Power Drift [dB]    | -0.05             | -0.00             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 32.9              |
| Dist 3dB Peak [mm]  |                   | 8.8               |



Test Laboratory: TOWE Lab

Measurement Report for Device, FRONT, Band 66, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 132572 (1770.000 MHz)

Device Under Test Properties

| Model  | Dimensions [mm]     |
|--------|---------------------|
| Device | 110.0 x 50.0 x 50.0 |

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                  | Band 66 | LTE-FDD, 10169-CAF | 1770.000, 132572                | 8.54              | 1.38                   | 39.7             |

Hardware Setup

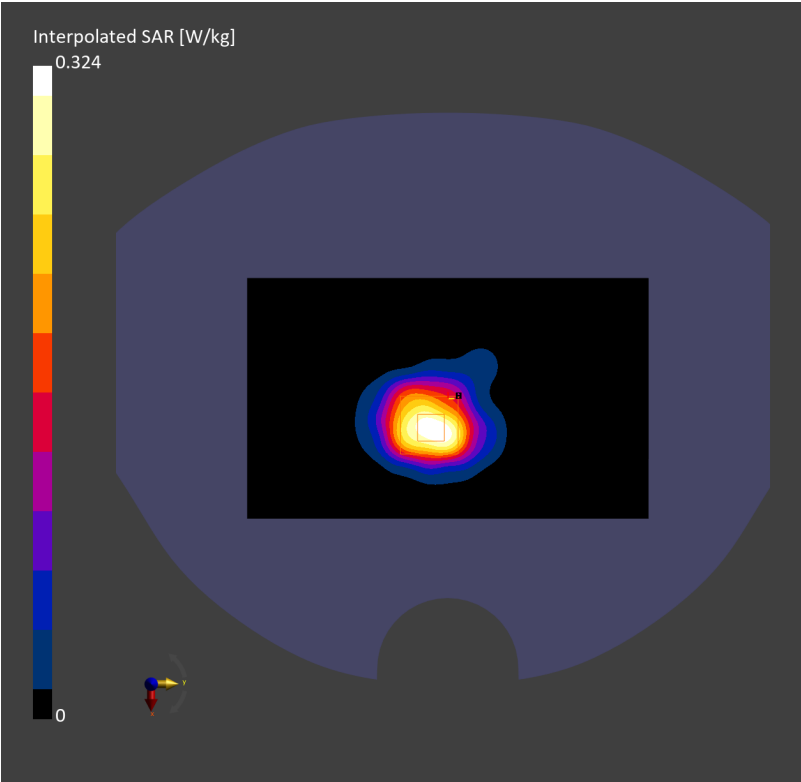
| Phantom                                 | TSL     | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------------------------------|---------|-----------------------------|---------------------------|
| Twin-SAM V8.0 (30deg probe tilt) – 2168 | HSL1750 | EX3DV4 – SN3624, 2025-01-15 | DAE4ip Sn1846, 2024-12-10 |

Scans Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 90.0 x 150.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0    |
| Sensor Surface [mm] | 3.0          | 1.4                |
| Graded Grid         | N/A          | Yes                |
| Grading Ratio       | N/A          | 1.5                |
| MAIA                | N/A          | N/A                |
| Surface Detection   | VMS + 6p     | VMS + 6p           |
| Scan Method         | Measured     | Measured           |

Measurement Results

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2025-08-15, 11:31 | 2025-08-15, 11:39 |
| psSAR1g [W/Kg]      | 0.274             | 0.307             |
| psSAR10g [W/Kg]     | 0.146             | 0.155             |
| Power Drift [dB]    | 0.01              | 0.00              |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 51.5              |
| Dist 3dB Peak [mm]  |                   | 9.8               |



Measurement Report for Device, FRONT, Band 71, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) RBPosition:Low AntennaCfg:SISO, Channel 133322 (683.000 MHz)

Device Under Test Properties

| Model  | Dimensions [mm]     |
|--------|---------------------|
| Device | 110.0 x 50.0 x 50.0 |

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                  | Band 71 | LTE-FDD, 10169-CAF | 683.000, 133322                 | 9.42              | 0.890                  | 42.6             |

Hardware Setup

| Phantom                                 | TSL    | Probe, Calibration Date     | DAE, Calibration Date     |
|-----------------------------------------|--------|-----------------------------|---------------------------|
| Twin-SAM V8.0 (30deg probe tilt) – 2168 | HSL750 | EX3DV4 – SN7758, 2024-09-12 | DAE4ip Sn1846, 2024-12-10 |

Scans Setup

|                     | Area Scan    | Zoom Scan          |
|---------------------|--------------|--------------------|
| Grid Extents [mm]   | 90.0 x 150.0 | 32.0 x 32.0 x 30.0 |
| Grid Steps [mm]     | 15.0 x 15.0  | 8.0 x 8.0 x 5.0    |
| Sensor Surface [mm] | 3.0          | 1.4                |
| Graded Grid         | N/A          | Yes                |
| Grading Ratio       | N/A          | 1.5                |
| MAIA                | N/A          | N/A                |
| Surface Detection   | VMS + 6p     | VMS + 6p           |
| Scan Method         | Measured     | Measured           |

Measurement Results

|                     | Area Scan         | Zoom Scan         |
|---------------------|-------------------|-------------------|
| Date                | 2025-08-13, 12:32 | 2025-08-13, 12:39 |
| psSAR1g [W/Kg]      | 0.313             | 0.342             |
| psSAR10g [W/Kg]     | 0.175             | 0.151             |
| Power Drift [dB]    | -0.05             | -0.00             |
| Power Scaling       | Disabled          | Disabled          |
| Scaling Factor [dB] |                   |                   |
| TSL Correction      | No correction     | No correction     |
| M2/M1 [%]           |                   | 32.6              |
| Dist 3dB Peak [mm]  |                   | 8.8               |

