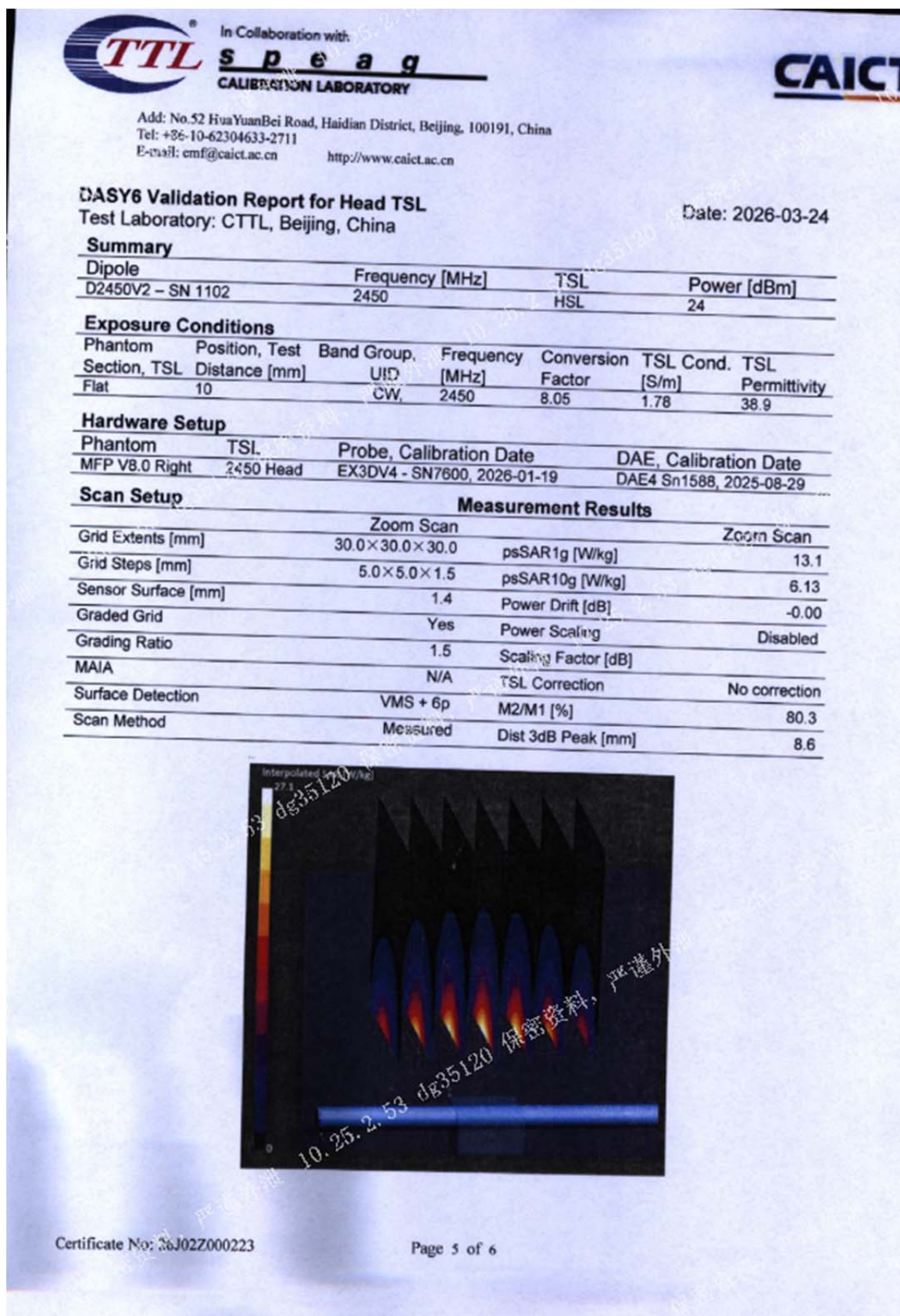




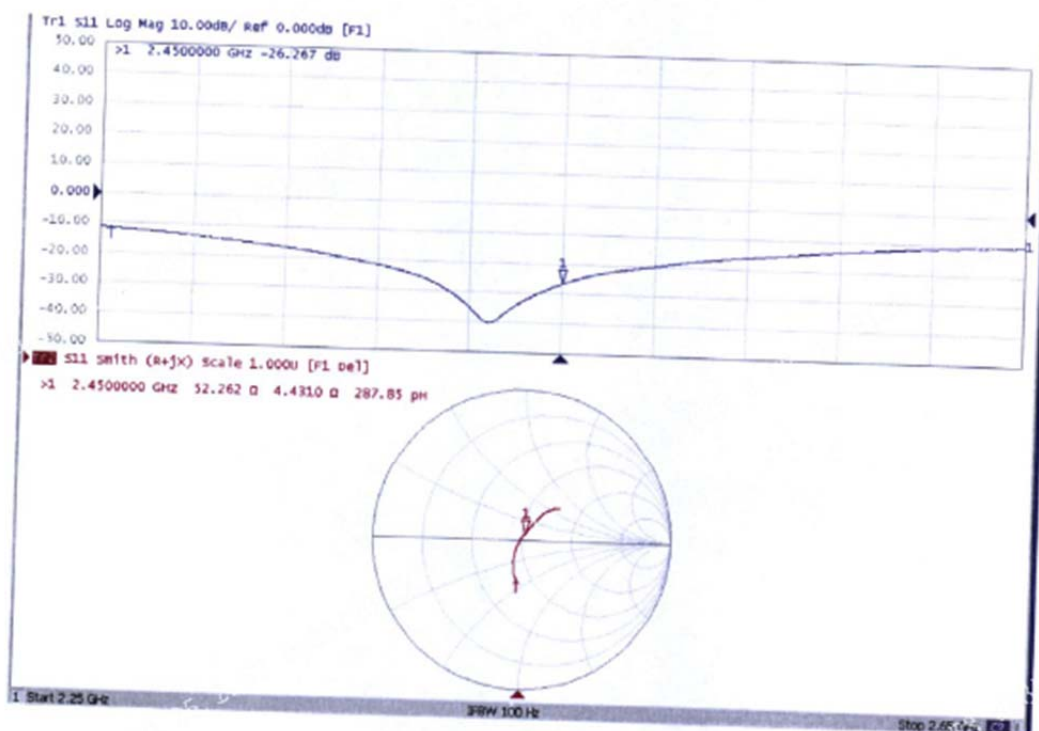


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### Impedance Measurement Plot for Head TSL





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**CAICT**

**Client**      **CCICT(Dongguan)**
**Certificate No:**      **26J02Z000224**

### CALIBRATION CERTIFICATE

**Object**      **D2600V2 - SN: 1206**

**Calibration Procedure(s)**      **FF-Z11-0003-02**  
Calibration Procedures for dipole validation kits

**Calibration date:**      **March 23, 2026**

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

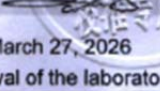
All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards      | ID #    | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
|------------------------|---------|-------------------------------------------|-----------------------|
| Power Meter NRP2       | 106276  | 16-May-25 (CTTL, No. 25J02X003423)        | May-26                |
| Power sensor NRP6A     | 101369  | 16-May-25 (CTTL, No. 25J02X003423)        | May-26                |
| Reference Probe EX3DV4 | SN 7600 | 18-Jan-26(CTTL-SPEAG, No. 26J02Z000008)   | Jan-27                |
| DAE4                   | SN 1588 | 29-Aug-25(CTTL-SPEAG, No. 25J02Z000631)   | Aug-26                |

| Secondary Standards    | ID #       | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
|------------------------|------------|-------------------------------------------|-----------------------|
| SignalGeneratorSMA200A | 107732     | 01-Dec-25 (CTTL, No. 25J02X102467)        | Nov-26                |
| NetworkAnalyzer E5071C | MY46110673 | 26-Nov-25 (CTTL, No. 25J02X102468)        | Nov-26                |
| OCP DAKS-3.5           | 0015       | 20-Oct-25(SPEAG, No. OCP-DAKS-0015_Oct25) | Oct-26                |

|                | Name        | Function           | Signature                                                                             |
|----------------|-------------|--------------------|---------------------------------------------------------------------------------------|
| Calibrated by: | Zhao Jing   | SAR Test Engineer  |  |
| Reviewed by:   | Lin Jun     | SAR Test Engineer  |  |
| Approved by:   | Qi Dianyuan | SAR Project Leader |  |

Issued: March 27, 2026

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Certificate No: 26J02Z000224
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**Glossary:**

|       |                                            |
|-------|--------------------------------------------|
| TSL   | tissue simulating liquid                   |
| ConvF | sensitivity in TSL / NORM <sub>x,y,z</sub> |
| N/A   | not applicable or not measured             |

**Calibration is Performed According to the Following Standards:**

- IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

**Additional Documentation:**

- DASY System Handbook

**Methods Applied and Interpretation of Parameters:**

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor  $k=2$ , which for a normal distribution Corresponds to a coverage probability of approximately 95%.



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### Measurement Conditions

DASY system configuration, as far as not given on page 1.

|                              |                        |             |
|------------------------------|------------------------|-------------|
| DASY Version                 | DASY6                  | V17.0.0     |
| Extrapolation                | Advanced Extrapolation |             |
| Phantom                      | Modular Flat Phantom   |             |
| Distance Dipole Center - TSL | 10 mm                  | with Spacer |
| Frequency                    | 2600 MHz $\pm$ 1 MHz   |             |

### Head TSL parameters at 2600 MHz

The following parameters and calculations were applied.

|                                         | Temperature         | Permittivity   | Conductivity         |
|-----------------------------------------|---------------------|----------------|----------------------|
| Nominal Head TSL parameters             | 22.0 °C             | 39.0           | 1.96 mho/m           |
| Measured Head TSL parameters            | (22.0 $\pm$ 0.2) °C | 38.8 $\pm$ 6 % | 1.97 mho/m $\pm$ 6 % |
| Head TSL temperature change during test | <1.0 °C             | ----           | ----                 |

### SAR result with Head TSL at 2600 MHz

|                                                         |                    |                            |
|---------------------------------------------------------|--------------------|----------------------------|
| SAR averaged over 1 cm <sup>3</sup> (1 g) of Head TSL   | Condition          |                            |
| SAR measured                                            | 24 dBm input power | 13.9 W/kg                  |
| SAR for nominal Head TSL parameters                     | normalized to 1W   | 55.4 W/kg $\pm$ 20 % (k=2) |
| SAR averaged over 10 cm <sup>3</sup> (10 g) of Head TSL | Condition          |                            |
| SAR measured                                            | 24 dBm input power | 6.22 W/kg                  |
| SAR for nominal Head TSL parameters                     | normalized to 1W   | 24.8 W/kg $\pm$ 20 % (k=2) |



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#### Appendix (Additional assessments outside the scope of CNAS L0570)

##### Antenna Parameters with Head TSL at 2600 MHz

|                                      |               |
|--------------------------------------|---------------|
| Impedance, transformed to feed point | 45.5Ω+ 2.18jΩ |
| Return Loss                          | - 25.6dB      |

##### General Antenna Parameters and Design

|                                  |          |
|----------------------------------|----------|
| Electrical Delay (one direction) | 1.051 ns |
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

##### Additional EUT Data

|                 |       |
|-----------------|-------|
| Manufactured by | SPEAG |
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**DASY6 Validation Report for Head TSL**

Date: 2026-03-23

Test Laboratory: CTTL, Beijing, China

**Summary**

| Dipole            | Frequency [MHz] | TSL | Power [dBm] |
|-------------------|-----------------|-----|-------------|
| D2600V2 – SN 1206 | 2600            | HSL | 24          |

**Exposure Conditions**

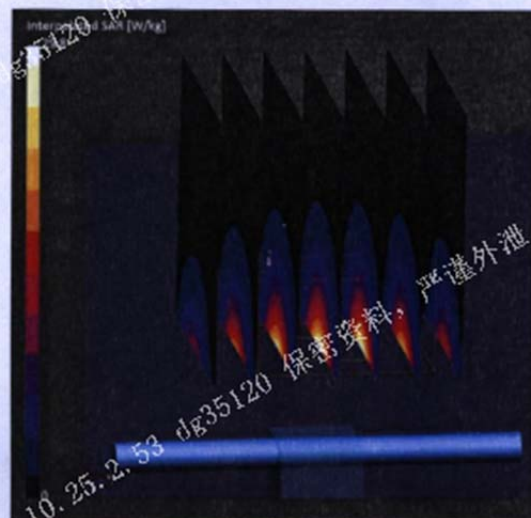
| Phantom      | Position, Test | Band Group | Frequency | Conversion | TSL Cond. | TSL          |
|--------------|----------------|------------|-----------|------------|-----------|--------------|
| Section, TSL | Distance [mm]  | UID        | [MHz]     | Factor     | [S/m]     | Permittivity |
| Flat         | 10             | CW         | 2600      | 7.86       | 1.97      | 38.8         |

**Hardware Setup**

| Phantom         | TSL       | Probe, Calibration Date     | DAE, Calibration Date   |
|-----------------|-----------|-----------------------------|-------------------------|
| MFP V8.0 Center | 2900 Head | EX3DV4 - SN7600, 2026-01-19 | DAE4 Sn1588, 2025-08-29 |

**Scan Setup****Measurement Results**

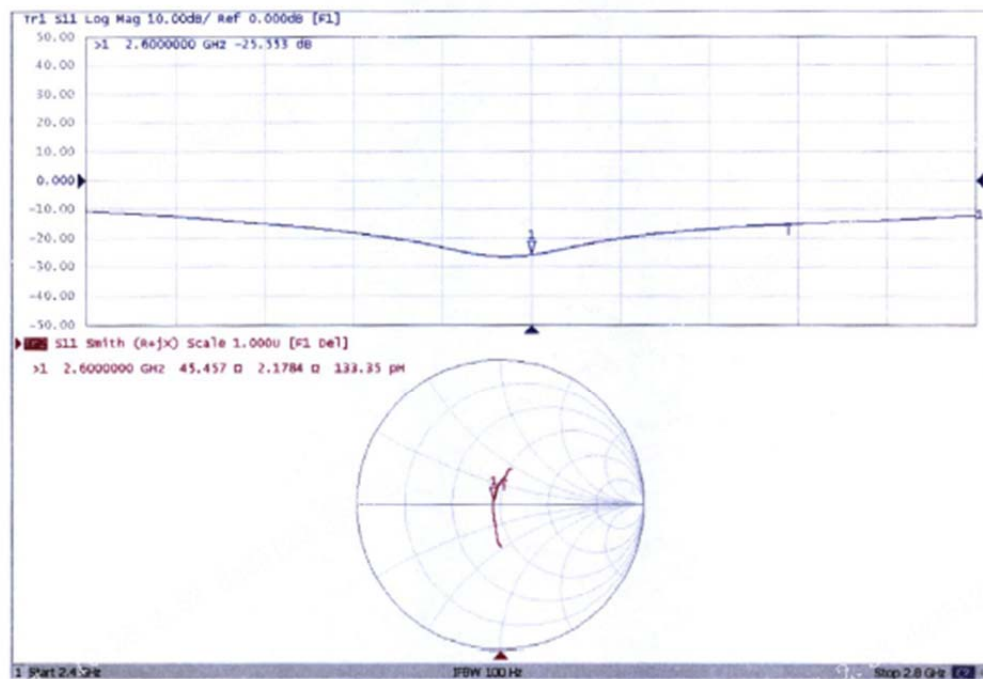
|                     | Zoom Scan      |                     | Zoom Scan     |
|---------------------|----------------|---------------------|---------------|
| Grid Extents [mm]   | 30.0×30.0×30.0 | psSAR1g [W/kg]      | 13.9          |
| Grid Steps [mm]     | 5.0×5.0×1.5    | psSAR10g [W/kg]     | 6.22          |
| Sensor Surface [mm] | 1.4            | Power Drift [dB]    | -0.01         |
| Graded Grid         | Yes            | Power Scaling       | Disabled      |
| Grading Ratio       | 1.5            | Scaling Factor [dB] |               |
| MAIA                | N/A            | TSL Correction      | No correction |
| Surface Detection   | VMS + 6p       | M2/M1 [%]           | 79.0          |
| Scan Method         | Measured       | Dist 3dB Peak [mm]  | 8.3           |





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### Impedance Measurement Plot for Head TSL





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Client

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Certificate No: J23Z60368

## CALIBRATION CERTIFICATE

Object D5GHzV2 - SN: 1245

Calibration Procedure(s) FF-Z11-003-01  
 Calibration Procedures for dipole validation kits

Calibration date: August 23, 2023

This calibration Certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3)°C and humidity<70%.

Calibration Equipment used (M&TE critical for calibration)

| Primary Standards       | ID #       | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
|-------------------------|------------|-------------------------------------------|-----------------------|
| Power Meter NRP2        | 106277     | 22-Sep-22 (CTTL, No.J22X09561)            | Sep-23                |
| Power sensor NRP8S      | 104291     | 22-Sep-22 (CTTL, No.J22X09561)            | Sep-23                |
| Reference Probe EX3DV4  | SN 3617    | 31-Mar-23(CTTL-SPEAG,No.Z23-60161)        | Mar-24                |
| DAE4                    | SN 1556    | 11-Jan-23(CTTL-SPEAG,No.Z23-60034)        | Jan-24                |
| Secondary Standards     | ID #       | Cal Date (Calibrated by, Certificate No.) | Scheduled Calibration |
| Signal Generator E4438C | MY49071430 | 05-Jan-23 (CTTL, No. J23X00107)           | Jan-24                |
| NetworkAnalyzer E5071C  | MY46110673 | 10-Jan-23 (CTTL, No. J23X00104)           | Jan-24                |

|                |             |                    |           |
|----------------|-------------|--------------------|-----------|
|                | Name        | Function           | Signature |
| Calibrated by: | Zhao Jing   | SAR Test Engineer  |           |
| Reviewed by:   | Lin Hao     | SAR Test Engineer  |           |
| Approved by:   | Qi Dianyuan | SAR Project Leader |           |

Issued: August 30, 2023

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**Glossary:**

|       |                                            |
|-------|--------------------------------------------|
| TSL   | tissue simulating liquid                   |
| ConvF | sensitivity in TSL / NORM <sub>x,y,z</sub> |
| N/A   | not applicable or not measured             |

**Calibration is Performed According to the Following Standards:**

- a) IEC/IEEE 62209-1528, "Measurement Procedure for The Assessment of Specific Absorption Rate of Human Exposure to Radio Frequency Fields from Hand-held and Body-mounted Wireless Communication Devices- Part 1528: Human Models, Instrumentation and Procedures (Frequency range of 4 MHz to 10 GHz)", October 2020
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

**Additional Documentation:**

- c) DASY4/5 System Handbook

**Methods Applied and Interpretation of Parameters:**

- *Measurement Conditions:* Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- *Antenna Parameters with TSL:* The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- *Feed Point Impedance and Return Loss:* These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- *Electrical Delay:* One-way delay between the SMA connector and the antenna feed point. No uncertainty required.
- *SAR measured:* SAR measured at the stated antenna input power.
- *SAR normalized:* SAR as measured, normalized to an input power of 1 W at the antenna connector.
- *SAR for nominal TSL parameters:* The measured TSL parameters are used to calculate the nominal SAR result.

The reported uncertainty of measurement is stated as the standard uncertainty of Measurement multiplied by the coverage factor  $k=2$ , which for a normal distribution Corresponds to a coverage probability of approximately 95%.



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### Measurement Conditions

DASY system configuration, as far as not given on page 1.

|                                     |                                                                      |                                  |
|-------------------------------------|----------------------------------------------------------------------|----------------------------------|
| <b>DASY Version</b>                 | DASY52                                                               | 52.10.4                          |
| <b>Extrapolation</b>                | Advanced Extrapolation                                               |                                  |
| <b>Phantom</b>                      | Triple Flat Phantom 5.1C                                             |                                  |
| <b>Distance Dipole Center - TSL</b> | 10 mm                                                                | with Spacer                      |
| <b>Zoom Scan Resolution</b>         | dx, dy = 4 mm, dz = 1.4 mm                                           | Graded Ratio = 1.4 (Z direction) |
| <b>Frequency</b>                    | 5250 MHz $\pm$ 1 MHz<br>5600 MHz $\pm$ 1 MHz<br>5750 MHz $\pm$ 1 MHz |                                  |

### Head TSL parameters at 5250MHz

The following parameters and calculations were applied.

|                                                | Temperature         | Permittivity   | Conductivity         |
|------------------------------------------------|---------------------|----------------|----------------------|
| <b>Nominal Head TSL parameters</b>             | 22.0 °C             | 35.9           | 4.71 mho/m           |
| <b>Measured Head TSL parameters</b>            | (22.0 $\pm$ 0.2) °C | 35.2 $\pm$ 6 % | 4.63 mho/m $\pm$ 6 % |
| <b>Head TSL temperature change during test</b> | <1.0 °C             | ----           | ----                 |

### SAR result with Head TSL at 5250MHz

| <b>SAR averaged over 1 cm<sup>3</sup> (1 g) of Head TSL</b>   | Condition          |                                                |
|---------------------------------------------------------------|--------------------|------------------------------------------------|
| SAR measured                                                  | 100 mW input power | 7.84 W/kg                                      |
| SAR for nominal Head TSL parameters                           | normalized to 1W   | <b>78.0 W/kg <math>\pm</math> 24.4 % (k=2)</b> |
| <b>SAR averaged over 10 cm<sup>3</sup> (10 g) of Head TSL</b> | Condition          |                                                |
| SAR measured                                                  | 100 mW input power | 2.22 W/kg                                      |
| SAR for nominal Head TSL parameters                           | normalized to 1W   | <b>22.1 W/kg <math>\pm</math> 24.2 % (k=2)</b> |



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### Head TSL parameters at 5600MHz

The following parameters and calculations were applied.

|                                         | Temperature     | Permittivity | Conductivity     |
|-----------------------------------------|-----------------|--------------|------------------|
| Nominal Head TSL parameters             | 22.0 °C         | 35.5         | 5.07 mho/m       |
| Measured Head TSL parameters            | (22.0 ± 0.2) °C | 34.6 ± 6 %   | 5.00 mho/m ± 6 % |
| Head TSL temperature change during test | <1.0 °C         | ----         | ----             |

### SAR result with Head TSL at 5600MHz

|                                                         |                    |                          |
|---------------------------------------------------------|--------------------|--------------------------|
| SAR averaged over 1 cm <sup>3</sup> (1 g) of Head TSL   | Condition          |                          |
| SAR measured                                            | 100 mW input power | 8.15 W/kg                |
| SAR for nominal Head TSL parameters                     | normalized to 1W   | 81.0 W/kg ± 24.4 % (k=2) |
| SAR averaged over 10 cm <sup>3</sup> (10 g) of Head TSL | Condition          |                          |
| SAR measured                                            | 100 mW input power | 2.30 W/kg                |
| SAR for nominal Head TSL parameters                     | normalized to 1W   | 22.8 W/kg ± 24.2 % (k=2) |

### Head TSL parameters at 5750MHz

The following parameters and calculations were applied.

|                                         | Temperature     | Permittivity | Conductivity     |
|-----------------------------------------|-----------------|--------------|------------------|
| Nominal Head TSL parameters             | 22.0 °C         | 35.4         | 5.22 mho/m       |
| Measured Head TSL parameters            | (22.0 ± 0.2) °C | 34.4 ± 6 %   | 5.16 mho/m ± 6 % |
| Head TSL temperature change during test | <1.0 °C         | ----         | ----             |

### SAR result with Head TSL at 5750MHz

|                                                         |                    |                          |
|---------------------------------------------------------|--------------------|--------------------------|
| SAR averaged over 1 cm <sup>3</sup> (1 g) of Head TSL   | Condition          |                          |
| SAR measured                                            | 100 mW input power | 7.83 W/kg                |
| SAR for nominal Head TSL parameters                     | normalized to 1W   | 77.8 W/kg ± 24.4 % (k=2) |
| SAR averaged over 10 cm <sup>3</sup> (10 g) of Head TSL | Condition          |                          |
| SAR measured                                            | 100 mW input power | 2.19 W/kg                |
| SAR for nominal Head TSL parameters                     | normalized to 1W   | 21.7 W/kg ± 24.2 % (k=2) |



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## Appendix (Additional assessments outside the scope of CNAS L0570)

### Antenna Parameters with Head TSL at 5250MHz

|                                      |               |
|--------------------------------------|---------------|
| Impedance, transformed to feed point | 47.0Ω- 2.60jΩ |
| Return Loss                          | - 27.8dB      |

### Antenna Parameters with Head TSL at 5600MHz

|                                      |               |
|--------------------------------------|---------------|
| Impedance, transformed to feed point | 49.8Ω+ 3.05jΩ |
| Return Loss                          | - 30.3dB      |

### Antenna Parameters with Head TSL at 5750MHz

|                                      |               |
|--------------------------------------|---------------|
| Impedance, transformed to feed point | 51.9Ω+ 0.96jΩ |
| Return Loss                          | - 33.5dB      |

### General Antenna Parameters and Design

|                                  |          |
|----------------------------------|----------|
| Electrical Delay (one direction) | 1.101 ns |
|----------------------------------|----------|

After long term use with 100W radiated power, only a slight warming of the dipole near the feed-point can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feed-point may be damaged.

### Additional EUT Data

|                 |       |
|-----------------|-------|
| Manufactured by | SPEAG |
|-----------------|-------|



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**DASY5 Validation Report for Head TSL**

Date: 2023-08-23

Test Laboratory: CTTL, Beijing, China

**DUT: Dipole 5GHz; Type: D5GHzV2; Serial: D5GHzV2 - SN: 1245**

Communication System: CW; Frequency: 5250 MHz, Frequency: 5600 MHz,  
Frequency: 5750 MHz

Medium parameters used:  $f = 5250$  MHz;  $\sigma = 4.627$  S/m;  $\epsilon_r = 35.17$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Medium parameters used:  $f = 5600$  MHz;  $\sigma = 5$  S/m;  $\epsilon_r = 34.58$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Medium parameters used:  $f = 5750$  MHz;  $\sigma = 5.162$  S/m;  $\epsilon_r = 34.36$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5 Configuration:

- Probe: EX3DV4 - SN3617; ConvF(5.5, 5.5, 5.5) @ 5250 MHz; ConvF(5.01, 5.01, 5.01) @ 5600 MHz; ConvF(5.15, 5.15, 5.15) @ 5750 MHz; Calibrated: 2023-03-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1556; Calibrated: 2023-01-11
- Phantom: MFP\_V5.1C (20deg probe tilt); Type: QD 000 P51 Cx; Serial: 1062
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

**Dipole Calibration /Pin=100mW, d=10mm, f=5250 MHz/Zoom Scan,****dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 61.63 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 31.2 W/kg

**SAR(1 g) = 7.84 W/kg; SAR(10 g) = 2.22 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 65.4%

Maximum value of SAR (measured) = 18.5 W/kg

**Dipole Calibration /Pin=100mW, d=10mm, f=5600 MHz/Zoom Scan,****dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 61.43 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 35.6 W/kg

**SAR(1 g) = 8.15 W/kg; SAR(10 g) = 2.3 W/kg**

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 62.4%

Maximum value of SAR (measured) = 19.7 W/kg

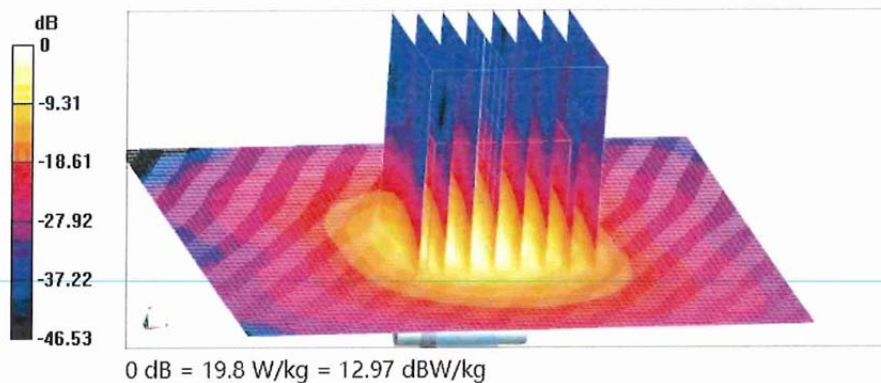


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**Dipole Calibration /Pin=100mW, d=10mm, f=5750 MHz/Zoom Scan,**  
**dist=1.4mm (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm  
Reference Value = 61.00 V/m; Power Drift = -0.03 dB  
Peak SAR (extrapolated) = 36.0 W/kg  
**SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.19 W/kg**  
Smallest distance from peaks to all points 3 dB below = 7.2 mm  
Ratio of SAR at M2 to SAR at M1 = 61%  
Maximum value of SAR (measured) = 19.8 W/kg



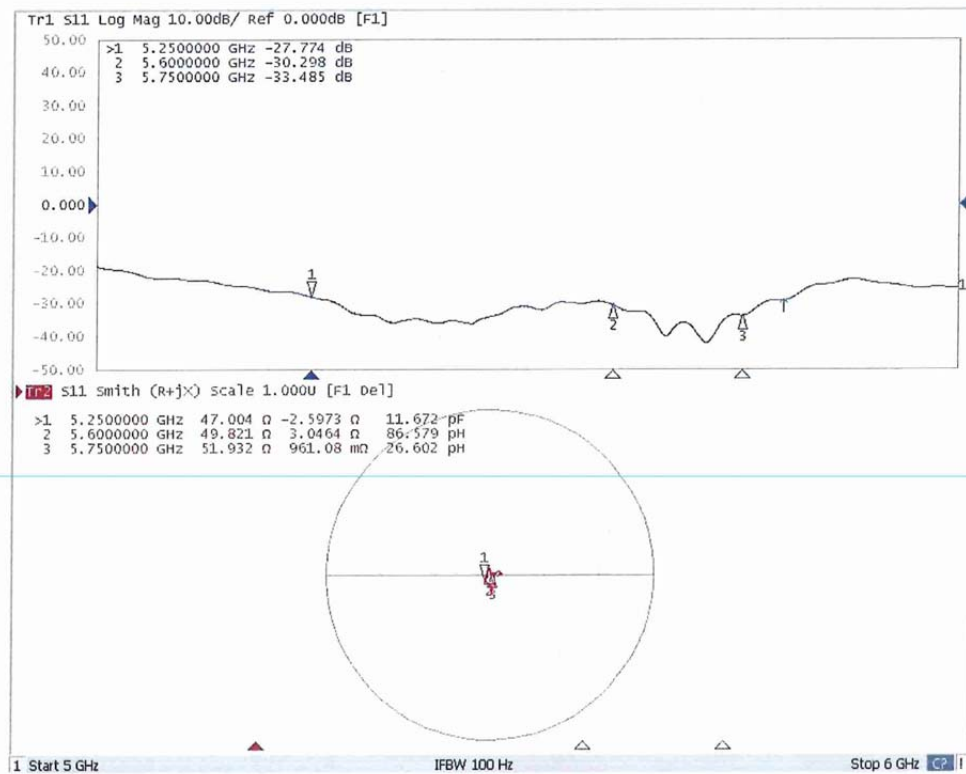


In Collaboration with  
**s p e a g**  
CALIBRATION LABORATORY



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### Impedance Measurement Plot for Head TSL



RETURN LOSS&IMPEDANCE MEASUREMENT

D5GHzV2 - SN: 1245 RETURN LOSS&IMPEDANCE MEASUREMENT

All Calibration have been conducted in the closed laboratory facility: Lab Temperature 18℃-25℃ and humidity < 70%

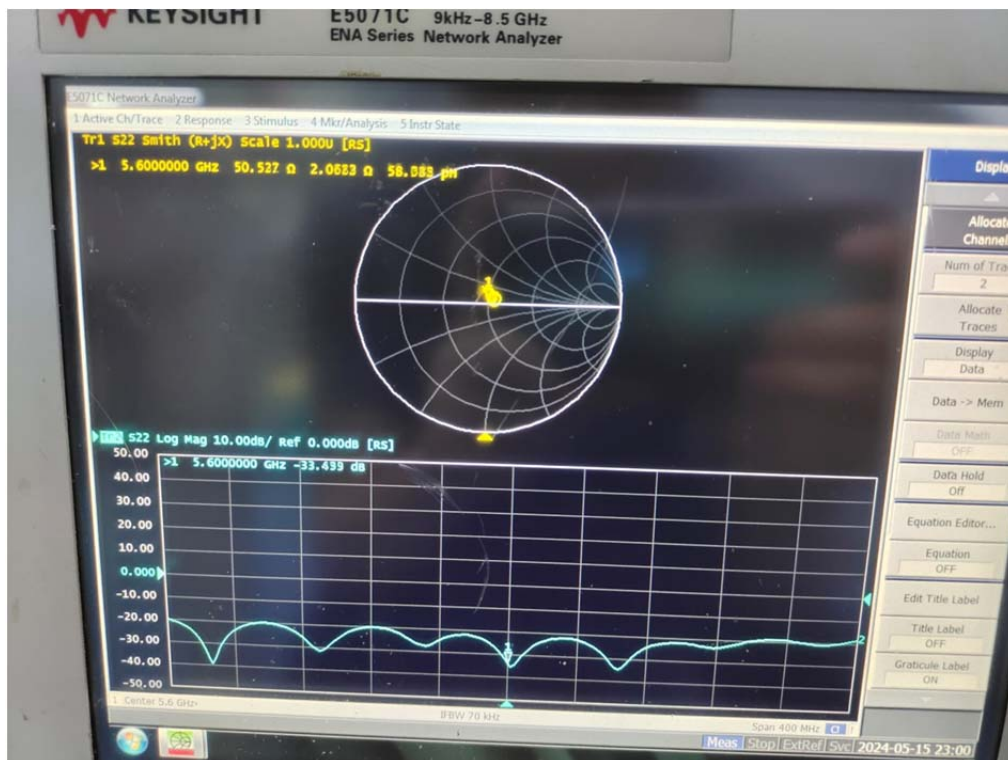
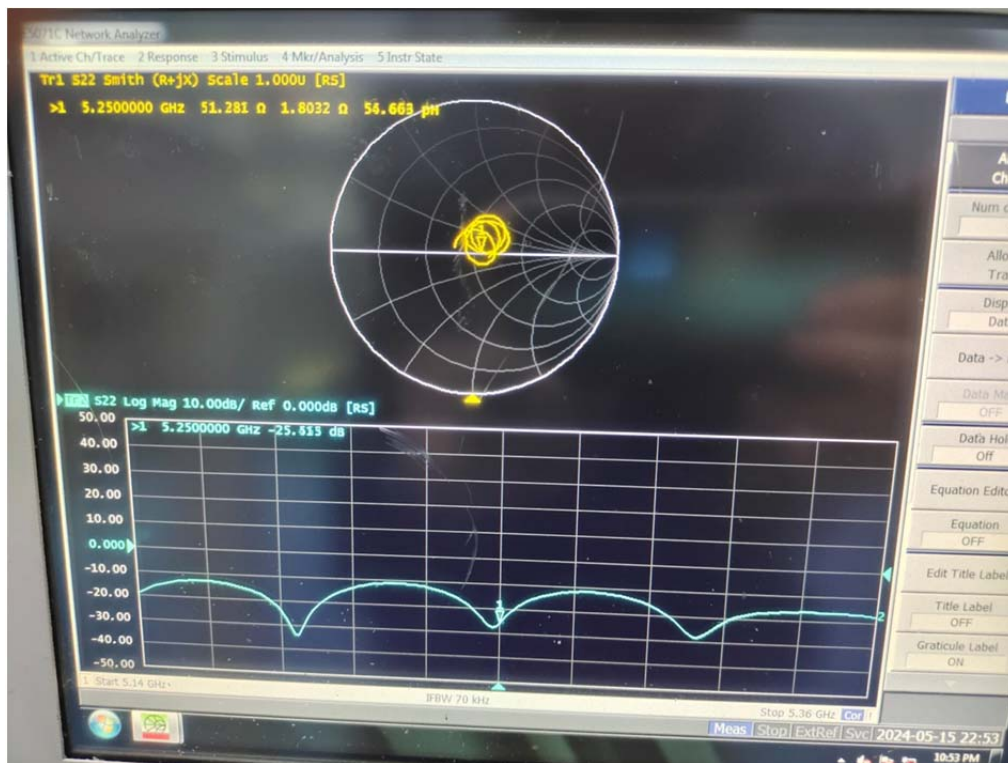
Calibrated Equipment:

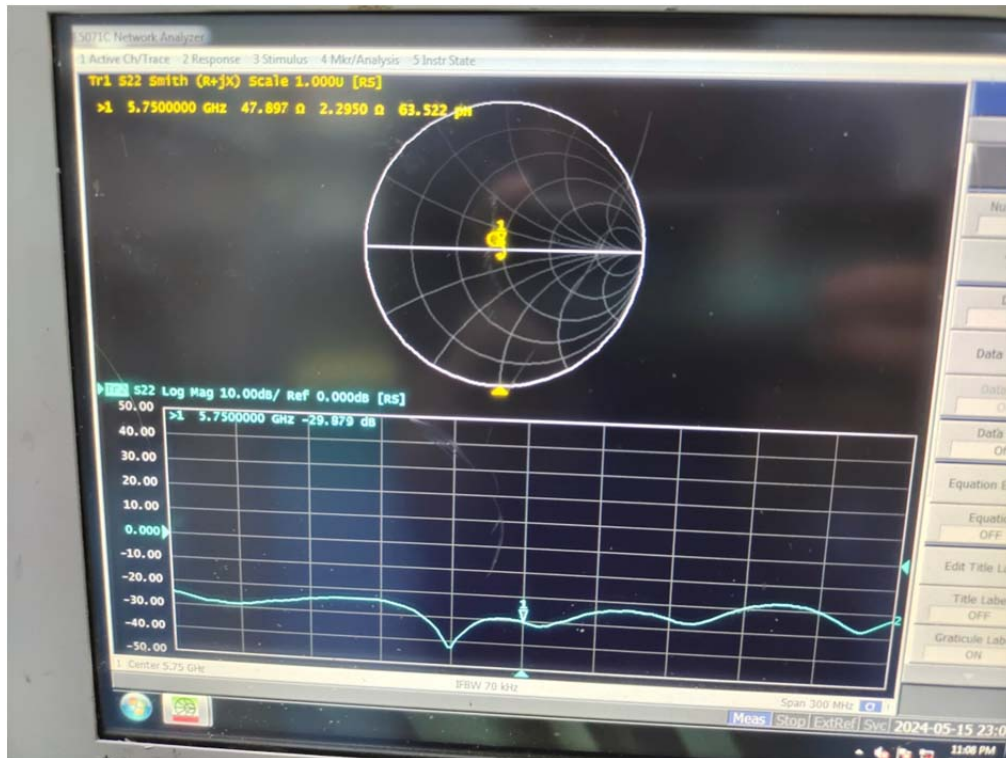
| Equipment                        | Model           | S/N        | Calibration Date | Calibration Due Date |
|----------------------------------|-----------------|------------|------------------|----------------------|
| Simulated Tissue Liquid Head     | HBBL600-10000V6 | 220420-2   | Each Time        |                      |
| SAM Twin Phantom                 | Twin SAM V5.0   | 1412       | NCR              | NCR                  |
| Network Analyzer                 | E5071C          | MY46528621 | 2024/03/18       | 2025/03/17           |
| Network Analyzer Calibration Kit | 50Ω             | 51026      | NCR              | NCR                  |

Test Data:

|                     |                  |           |                   |           |                        |           |
|---------------------|------------------|-----------|-------------------|-----------|------------------------|-----------|
| D5GHzV2-SN:1245     |                  |           |                   |           |                        |           |
| 5250MHz Head        |                  |           |                   |           |                        |           |
| Date of Measurement | Return Loss (dB) | Delta (%) | Real Impedence(Ω) | Delta (Ω) | Imaginary Impedence(Ω) | Delta (Ω) |
| 2023/8/23           | -27.774          | /         | 47.004            | /         | -2.5973                | /         |
| 2024/8/20           | -25.515          | -8.13     | 51.281            | 4.277     | 1.8032                 | 4.4005    |
| 2025/8/22           | -27.552          | -0.799    | 50.562            | 3.558     | -4.1838                | -1.5865   |
| 5600MHz Head        |                  |           |                   |           |                        |           |
| Date of Measurement | Return Loss (dB) | Delta (%) | Real Impedence(Ω) | Delta (Ω) | Imaginary Impedence(Ω) | Delta (Ω) |
| 2023/8/23           | -30.298          | /         | 49.821            | /         | 3.0464                 | /         |
| 2024/8/20           | -33.499          | 10.57     | 50.527            | 0.706     | 2.0683                 | -0.9781   |
| 2025/8/22           | -29.099          | -3.96     | 49.688            | -0.133    | 3.4932                 | 0.4468    |
| 5750MHz Head        |                  |           |                   |           |                        |           |
| Date of Measurement | Return Loss (dB) | Delta (%) | Real Impedence(Ω) | Delta (Ω) | Imaginary Impedence(Ω) | Delta (Ω) |
| 2023/8/23           | -33.485          | /         | 51.932            | /         | 0.9611                 | /         |
| 2024/8/20           | -29.979          | -10.47    | 47.897            | -4.035    | 2.2950                 | 1.3339    |
| 2025/8/22           | -28.784          | -14.04    | 47.892            | -4.028    | -2.8719                | -3.833    |

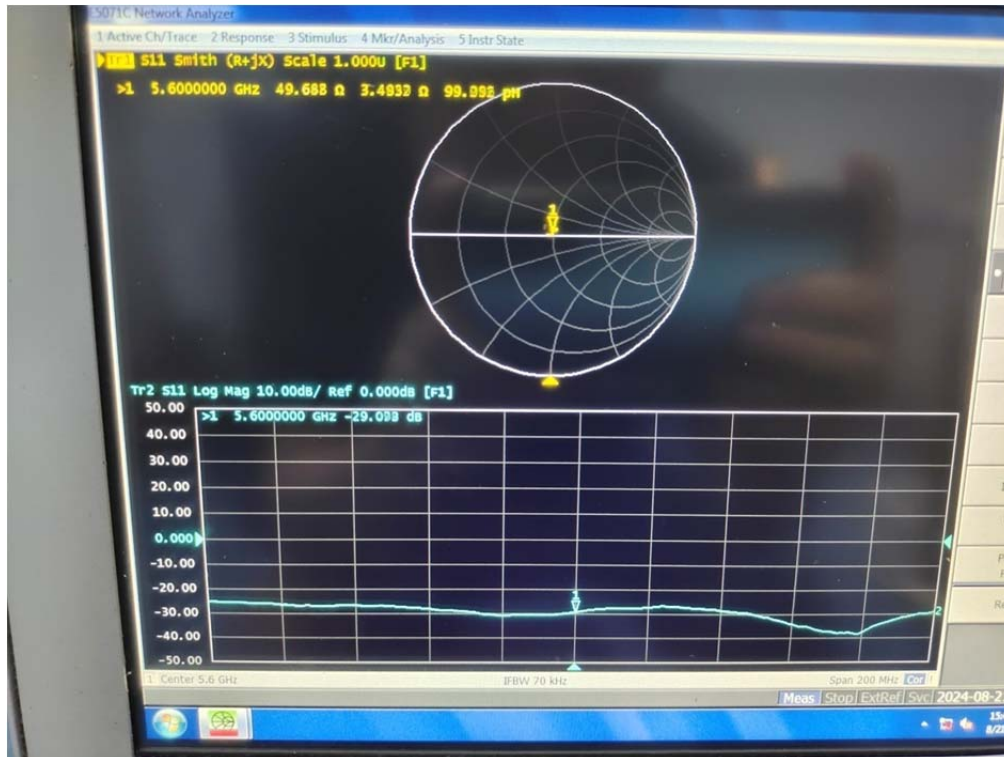
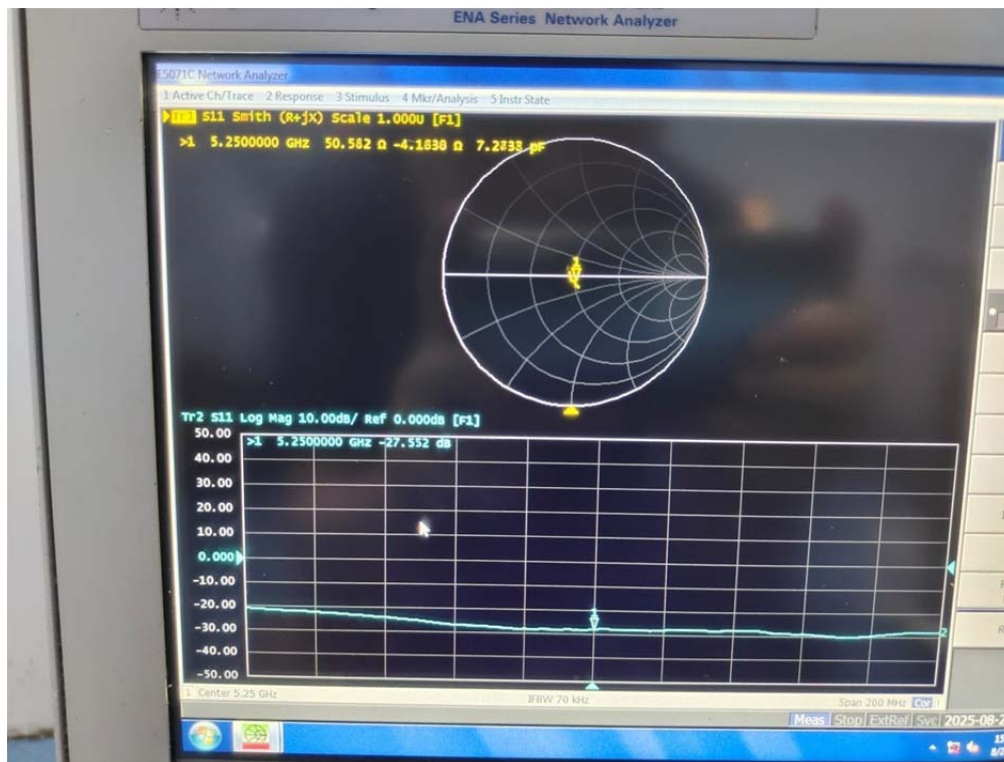
D5GHzV2 - SN: 1245 (Date of Measurement: 2025/8/20)

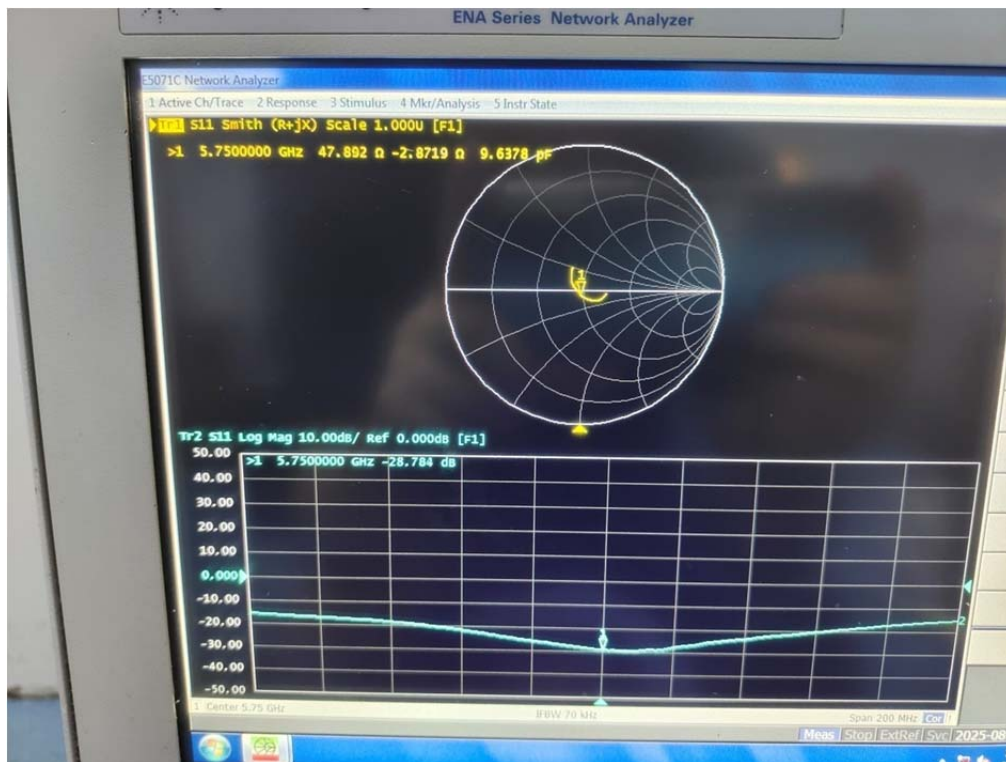




|                | Name      | Signature |
|----------------|-----------|-----------|
| Calibrated By: | Karl Gong | Karl Gong |

D5GHzV2-SN: 1245 (Date of Measurement: 2025/8/22)





|                | Name      | Signature |
|----------------|-----------|-----------|
| Calibrated By: | Karl Gong | Karl Gong |