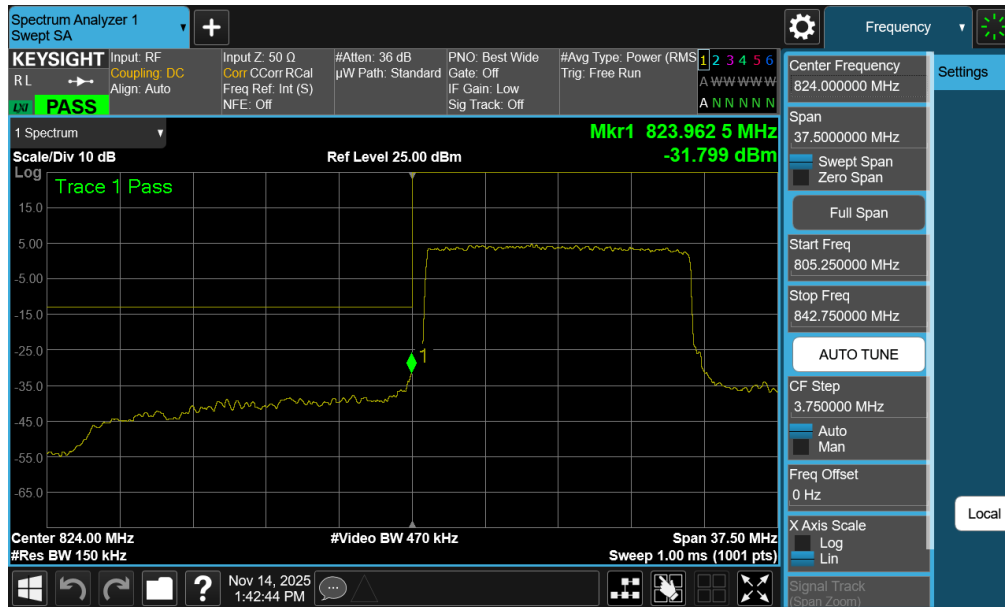
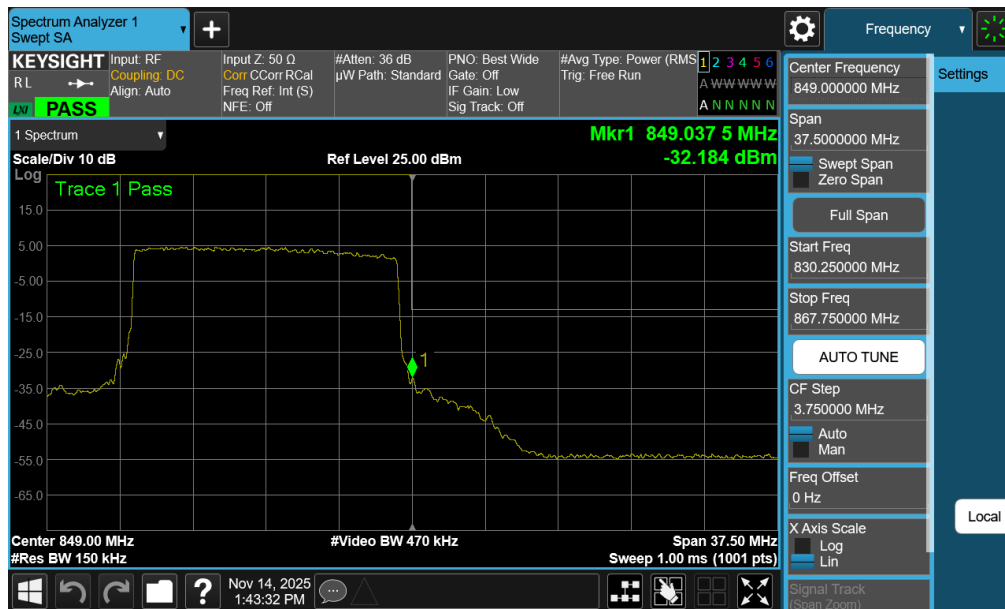


## LTE Band 26/5 – Ant2

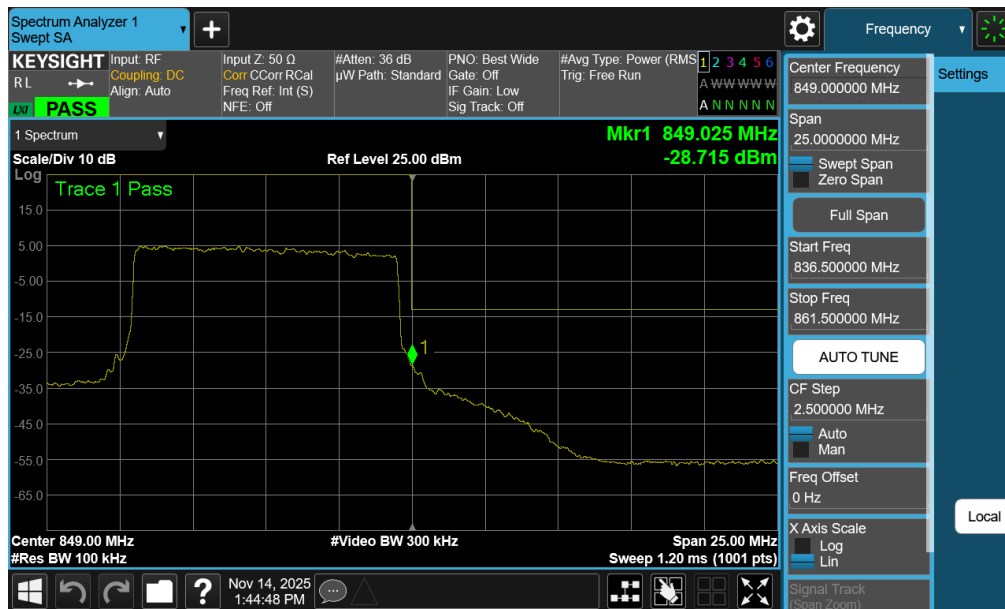
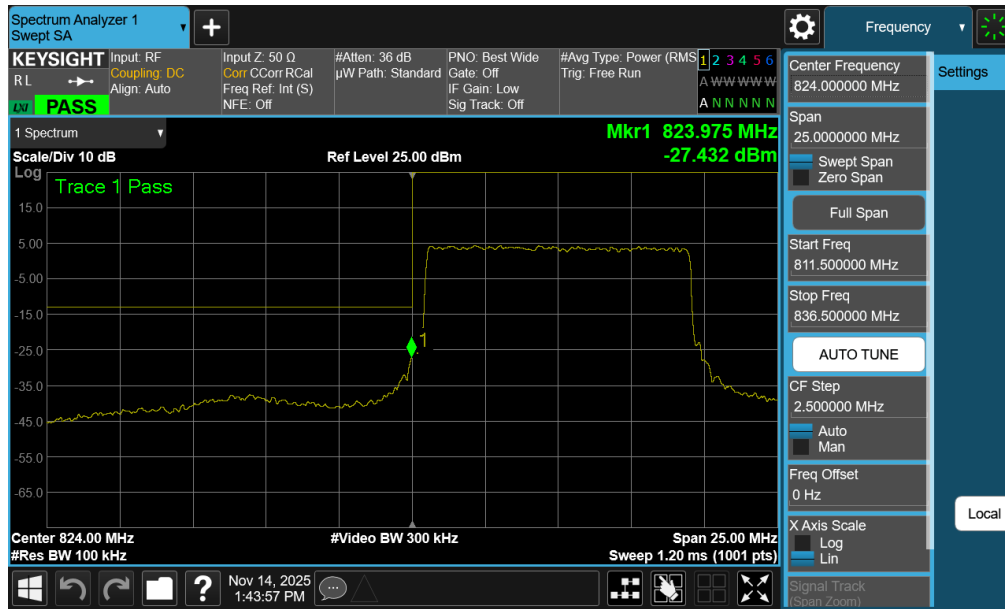


Plot 7-145. Lower Band Edge Plot (LTE Band 26 - 15MHz QPSK – Full RB - Ant2)

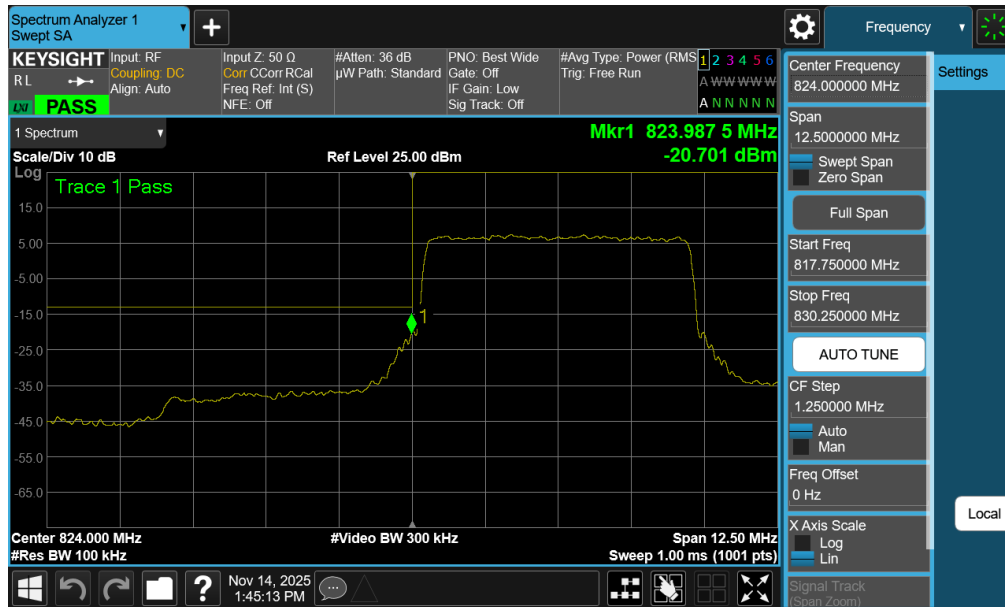


Plot 7-146. Upper Band Edge Plot (LTE Band 26 - 15MHz QPSK – Full RB - Ant2)

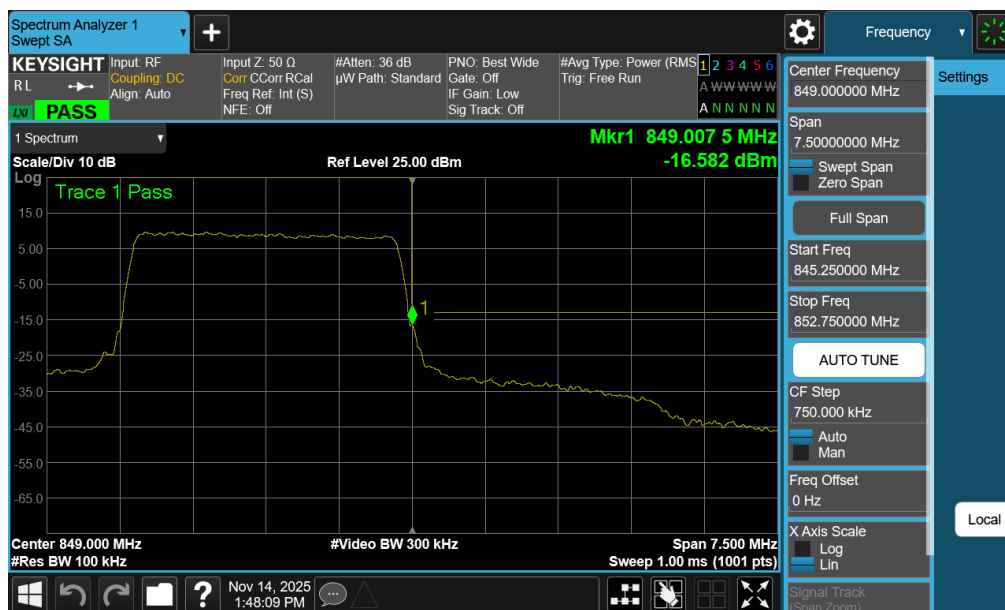
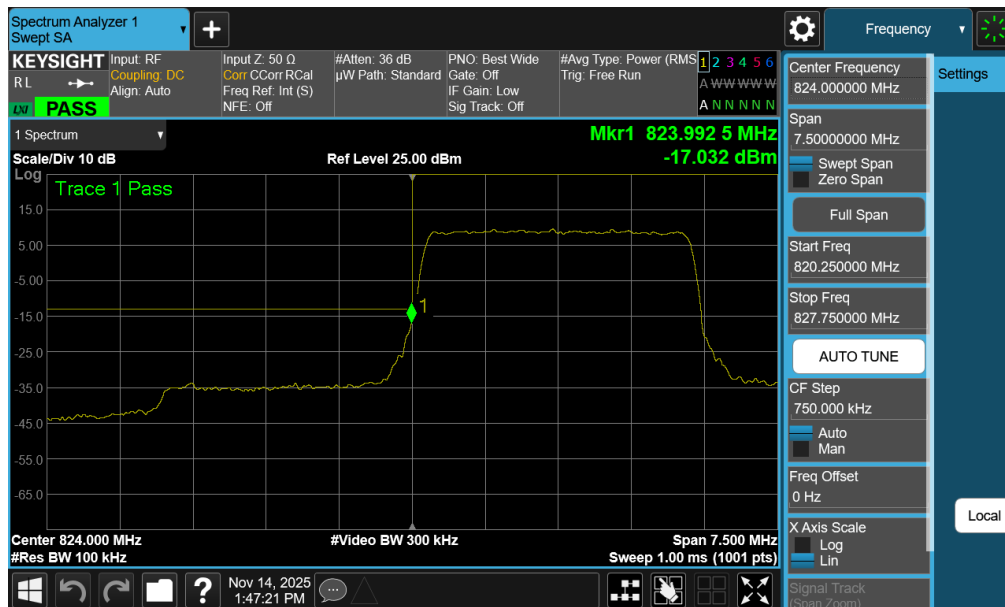
|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 105 of 165                   |



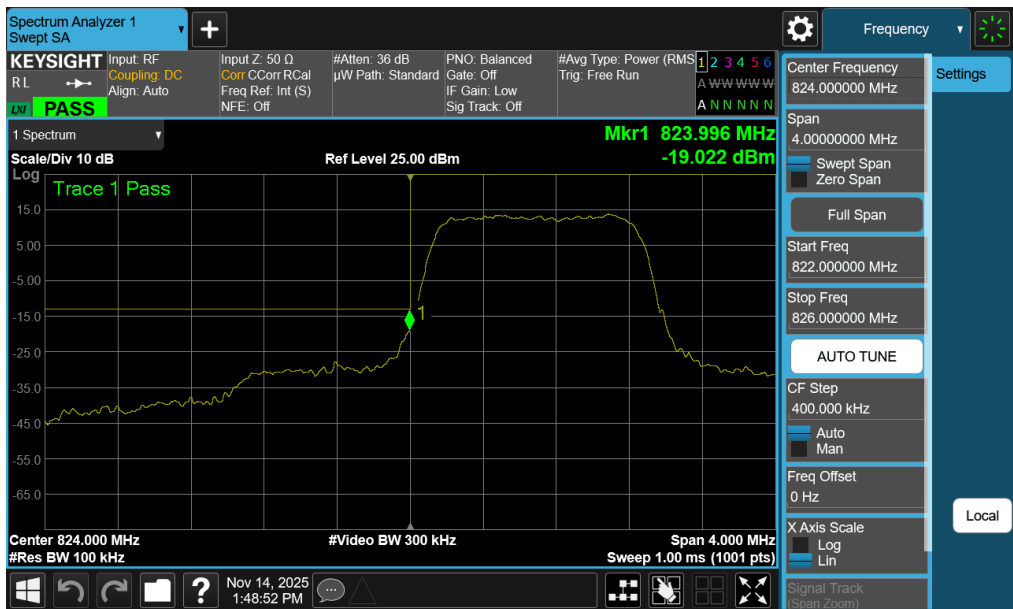
|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 106 of 165                   |



|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 107 of 165                   |



|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 108 of 165                   |



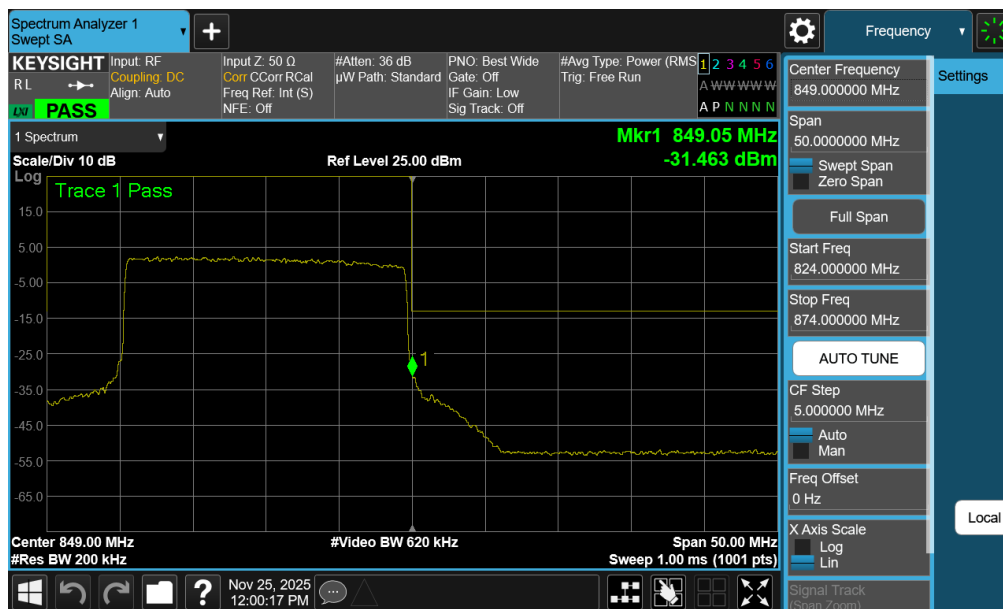
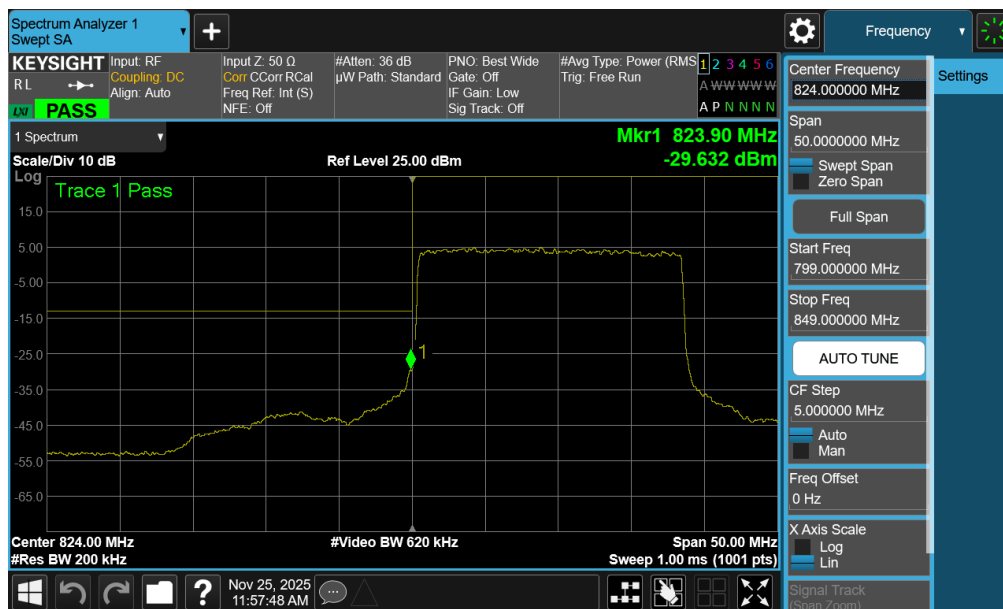
Plot 7-153. Lower Band Edge Plot (LTE Band 26/5 – 1.4MHz QPSK – Full RB - Ant2)



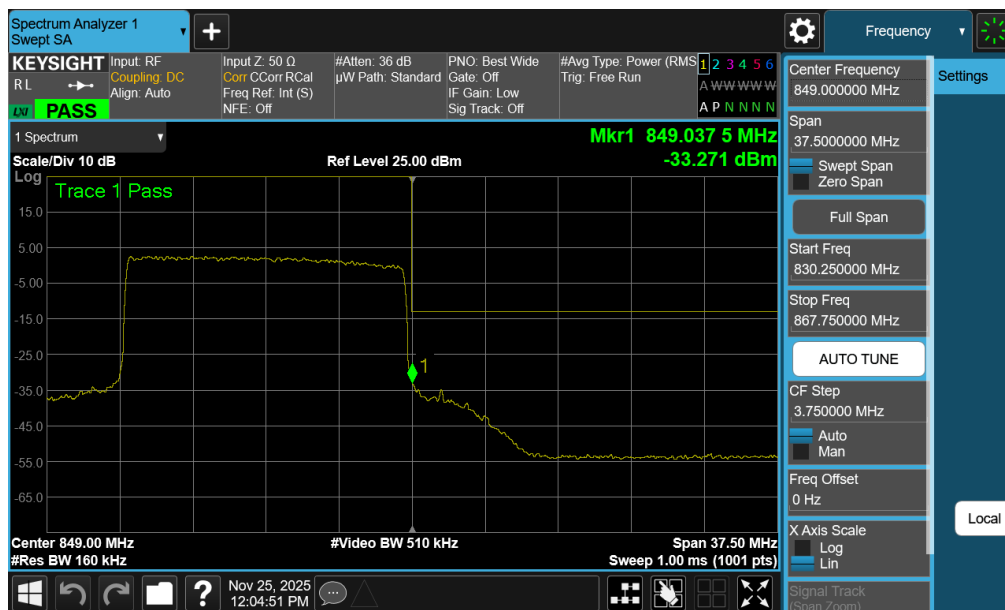
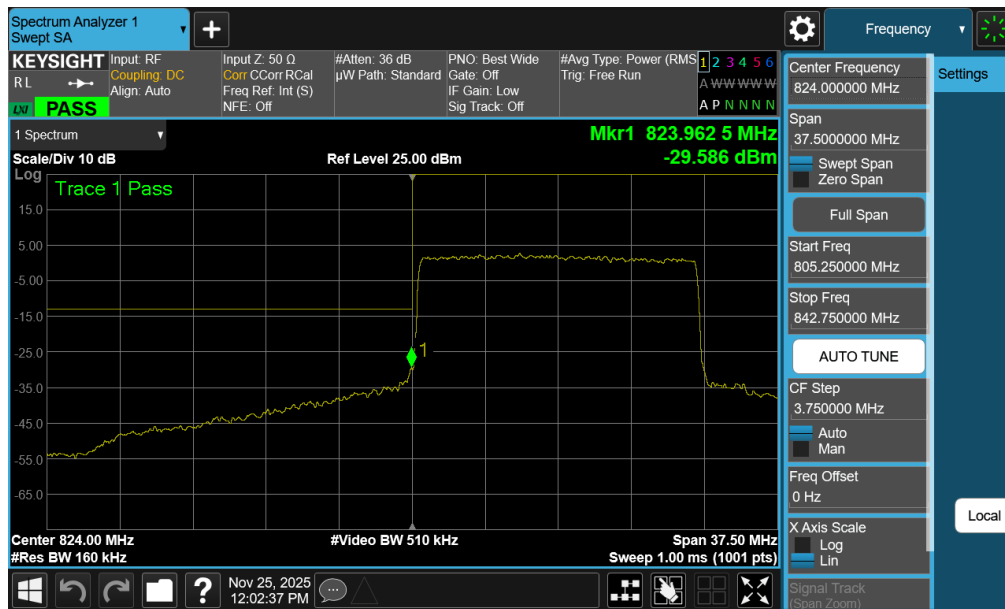
Plot 7-154. Upper Band Edge Plot (LTE Band 26/5 – 1.4MHz QPSK – Full RB - Ant2)

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 109 of 165                   |

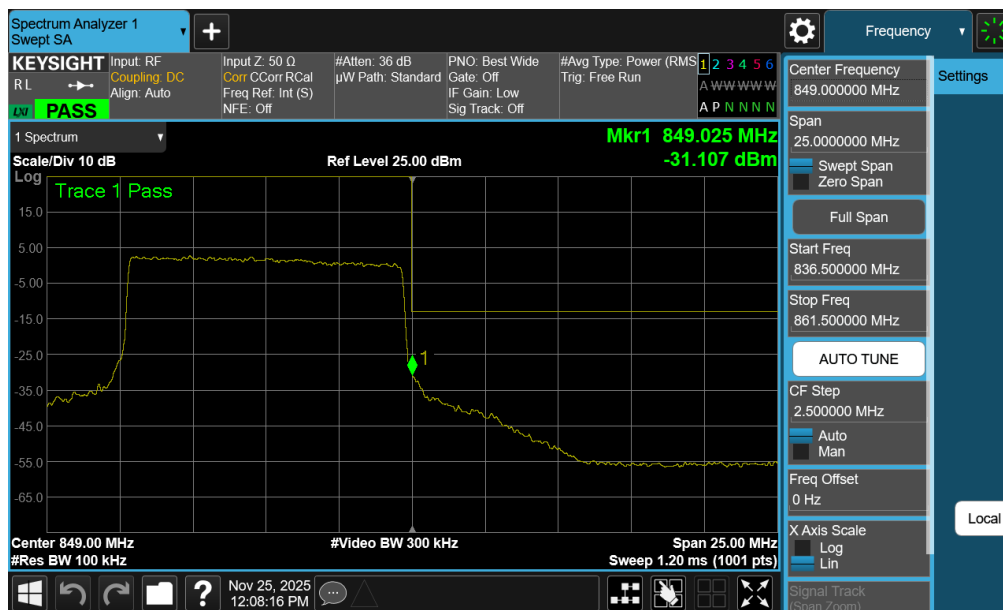
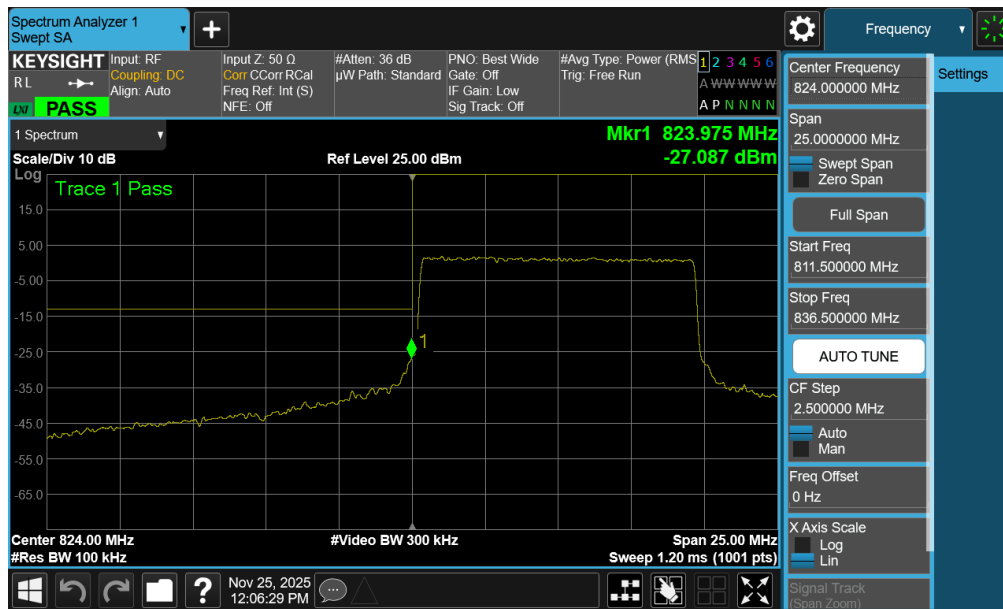
## NR Band n5 – Ant2



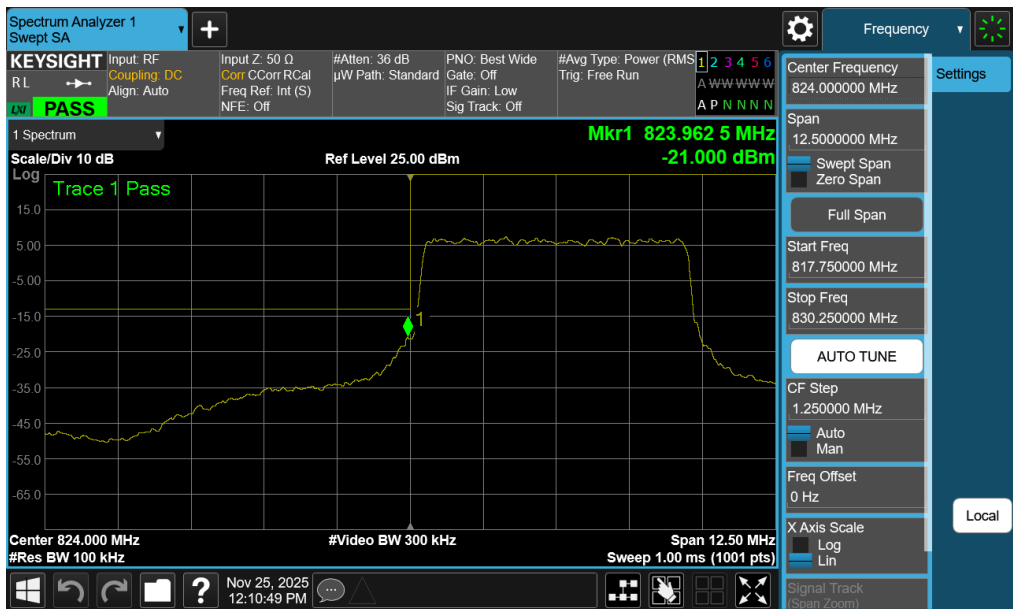
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|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 110 of 165                   |



|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 111 of 165                   |



|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 112 of 165                   |



Plot 7-161. Lower Band Edge Plot (NR Band n5 – 5.0MHz - Full RB - Ant2)

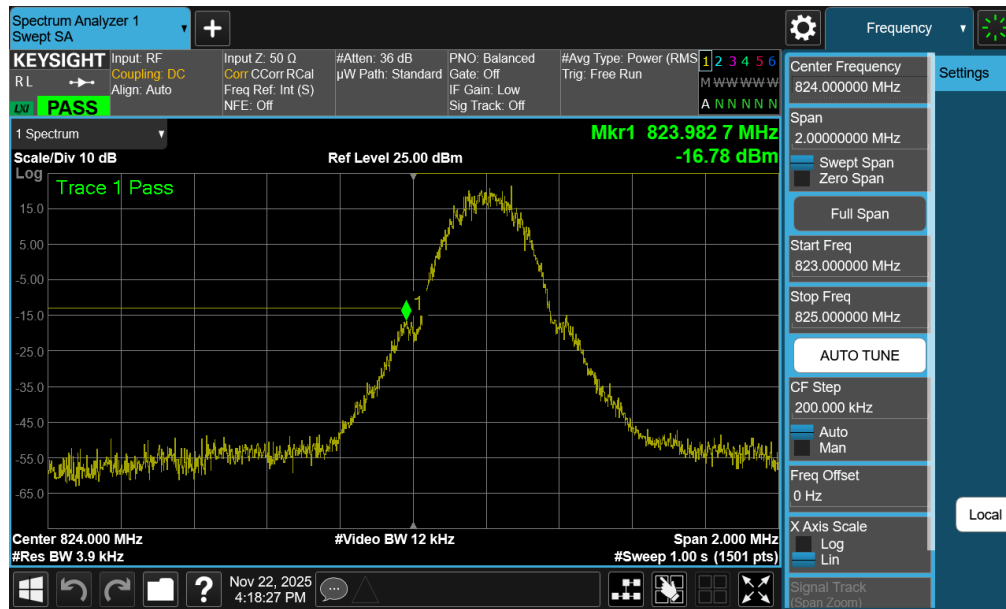


Plot 7-162. Upper Band Edge Plot (NR Band n5 – 5.0MHz - Full RB - Ant2)

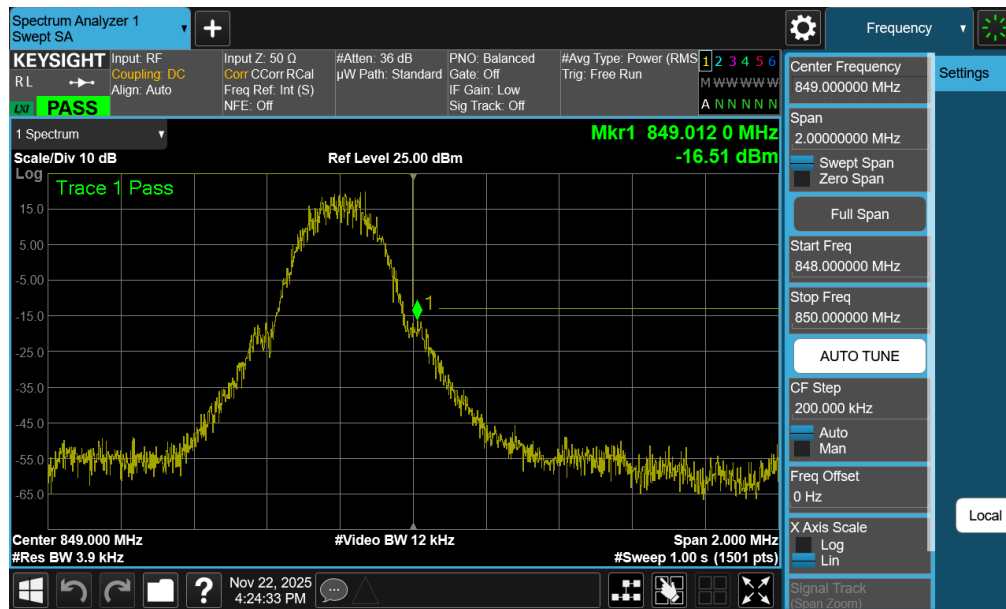
|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 113 of 165                   |



## GSM/GPRS Cell – Ant2



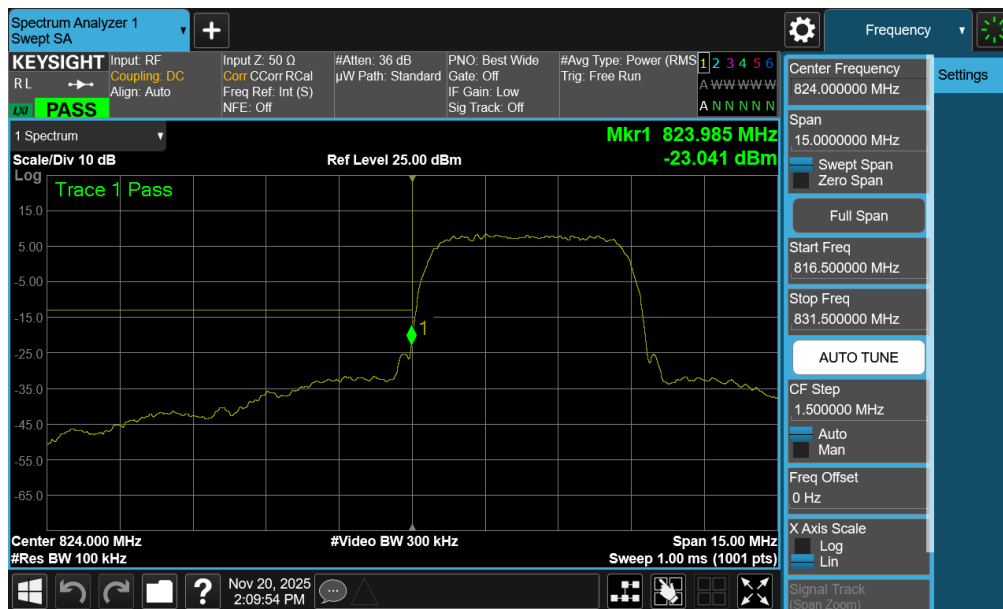
Plot 7-163. Lower Band Edge Plot (GPRS Cell – Ch. 128 – Ant2)



Plot 7-164. Upper Band Edge Plot (GPRS Cell – Ch. 251 – Ant2)

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 114 of 165                   |

## WCDMA Cell – Ant2



Plot 7-165. Lower Band Edge Plot (WCDMA Cell – Ch. 4132 – Ant2)



Plot 7-166. Upper Band Edge Plot (WCDMA Cell – Ch. 4233 – Ant2)

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 115 of 165                   |

## Peak-Average Ratio

### Test Overview

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

***The peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB.***

### Test Procedure Used

ANSI C63.26:2015 – Section 5.2.3.4

### Test Settings

1. The signal analyzer's CCDF measurement profile is enabled
2. Frequency = carrier center frequency
3. Measurement BW  $\geq$  OBW or specified reference bandwidth
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms. For burst transmissions, the spectrum analyzer is set to use an internal "RF Burst" trigger that is synced with an incoming pulse and the measurement interval is set to less than the duration of the "on time" of one burst to ensure that energy is only captured during a time in which the transmitter is operating at maximum power

### Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-5. Test Instrument & Measurement Setup**

### Test Notes

Per RSS-132 and FCC Part 22 requirements, only the worst-case modulation scheme (256QAM) and one representative bandwidth per band are tested. This approach is based on regulatory guidance that the highest-order modulation and a single bandwidth representing the worst-case condition are sufficient to demonstrate compliance. Testing all bandwidths is not required as it does not affect the maximum output power or compliance margin.

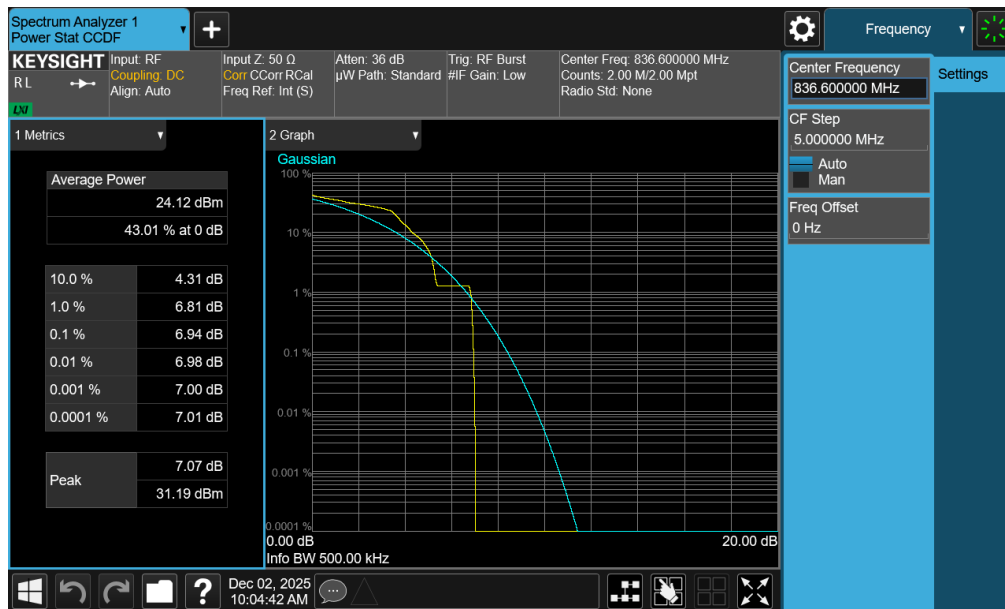
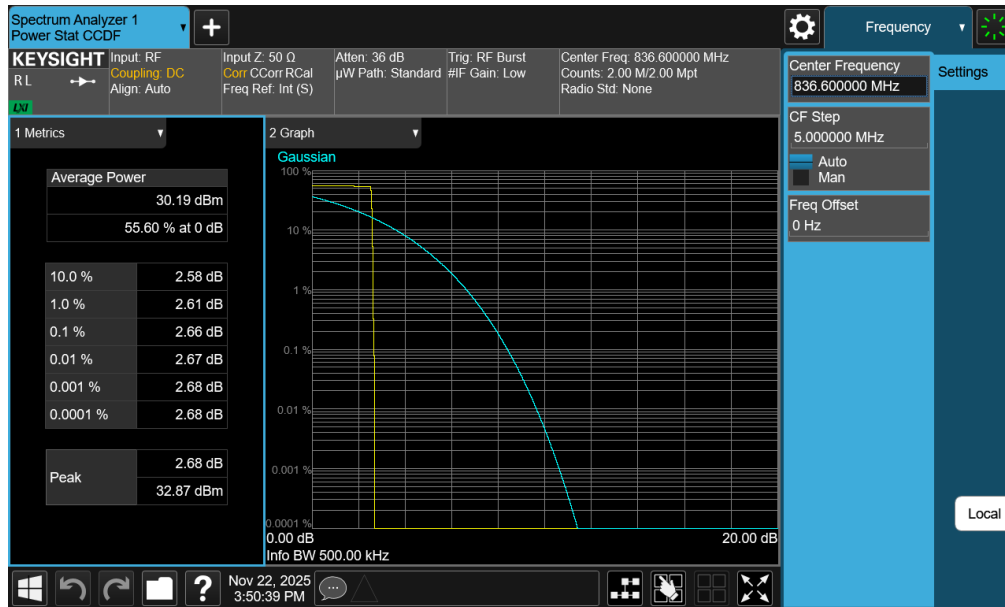
|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 116 of 165                   |

| Mode          | Bandwidth            | Modulation      | Average Power [dBm] | PAR at 0.1% [dB] | PAR Limit [dB] | Margin [dB] |
|---------------|----------------------|-----------------|---------------------|------------------|----------------|-------------|
| GSM850        | N/A                  | GMSK            | 30.19               | 2.66             | 13             | -10.34      |
| EDGE850       |                      | 8-PSK           | 24.12               | 6.94             | 13             | -6.06       |
| WCDMA850      |                      | Spread Spectrum | 24.20               | 3.31             | 13             | -9.69       |
| LTE Band 26/5 | 15MHz (Band 26 only) | QPSK            | 23.39               | 4.12             | 13             | -8.88       |
|               |                      | 256QAM          | 19.16               | 5.04             | 13             | -7.96       |
|               | 10 MHz               | QPSK            | 23.22               | 4.42             | 13             | -8.58       |
|               |                      | 256QAM          | 19.03               | 5.27             | 13             | -7.73       |
|               | 5 MHz                | QPSK            | 23.22               | 4.41             | 13             | -8.59       |
|               |                      | 256QAM          | 19.07               | 5.23             | 13             | -7.77       |
|               | 3 MHz                | QPSK            | 23.23               | 4.39             | 13             | -8.61       |
|               |                      | 256QAM          | 19.03               | 5.25             | 13             | -7.75       |
|               | 1.4 MHz              | QPSK            | 23.39               | 4.12             | 13             | -8.88       |
|               |                      | 256QAM          | 19.16               | 5.04             | 13             | -7.96       |
| NR-n26-5      | 20 MHz               | $\pi/2$ BPSK    | 24.03               | 3.84             | 13             | -9.16       |
|               |                      | QPSK            | 21.42               | 6.58             | 13             | -6.42       |
|               |                      | 256QAM          | 17.76               | 7.45             | 13             | -5.55       |
|               | 15 MHz               | $\pi/2$ BPSK    | 23.84               | 3.88             | 13             | -9.12       |
|               |                      | QPSK            | 21.38               | 6.51             | 13             | -6.49       |
|               |                      | 256QAM          | 17.75               | 7.44             | 13             | -5.56       |
|               | 10 MHz               | $\pi/2$ BPSK    | 24.04               | 3.93             | 13             | -9.07       |
|               |                      | QPSK            | 21.60               | 6.84             | 13             | -6.16       |
|               |                      | 256QAM          | 18.07               | 7.65             | 13             | -5.35       |
|               | 5 MHz                | $\pi/2$ BPSK    | 24.03               | 4.10             | 13             | -8.90       |
|               |                      | QPSK            | 21.59               | 6.88             | 13             | -6.12       |
|               |                      | 256QAM          | 18.09               | 7.46             | 13             | -5.54       |

Table 7-12. Peak-Average Ratio Results – Ant1

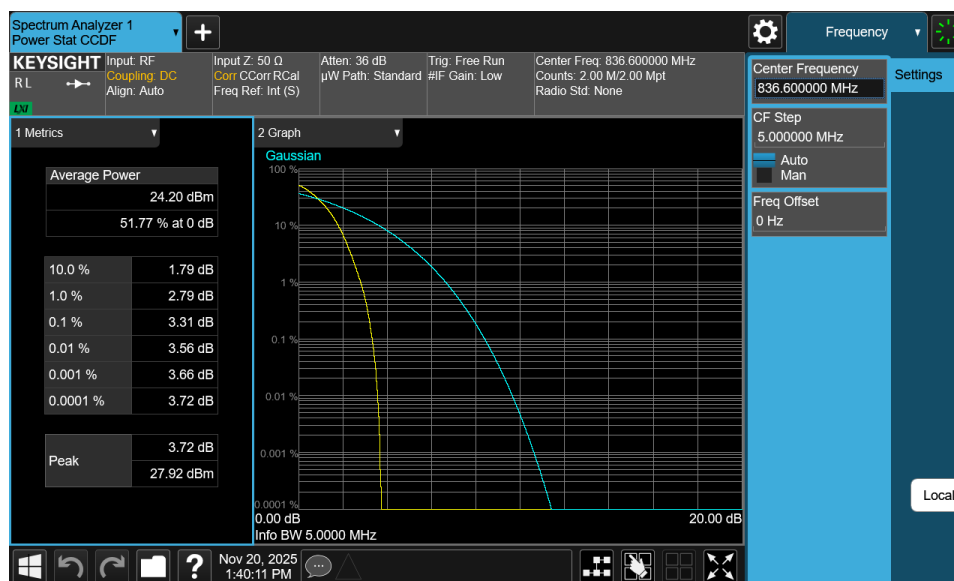
|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 117 of 165                   |

## GPRS Cell – Ant1



|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 118 of 165                   |

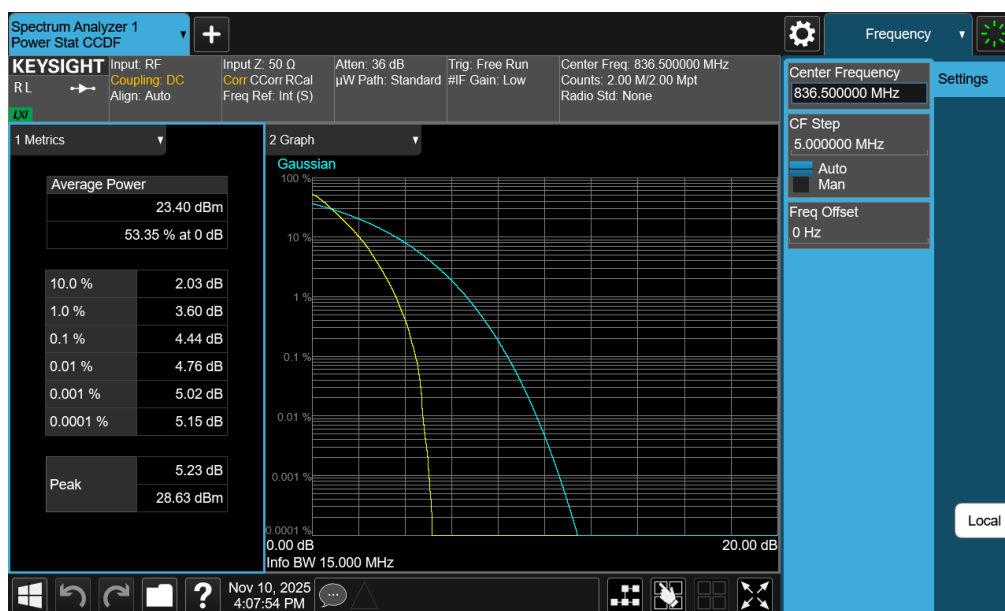
## WCDMA Cell – Ant1



Plot 7-169. Peak-Average Ratio Plot (WCDMA, Ch. 4183 – Ant1)

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 119 of 165                   |

## LTE Band 26/5 – Ant1

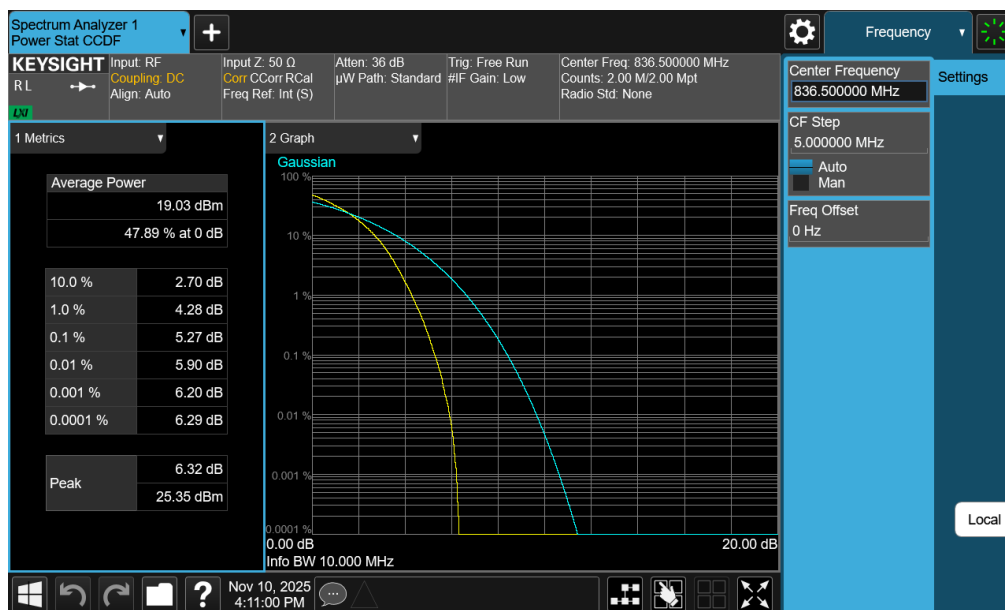
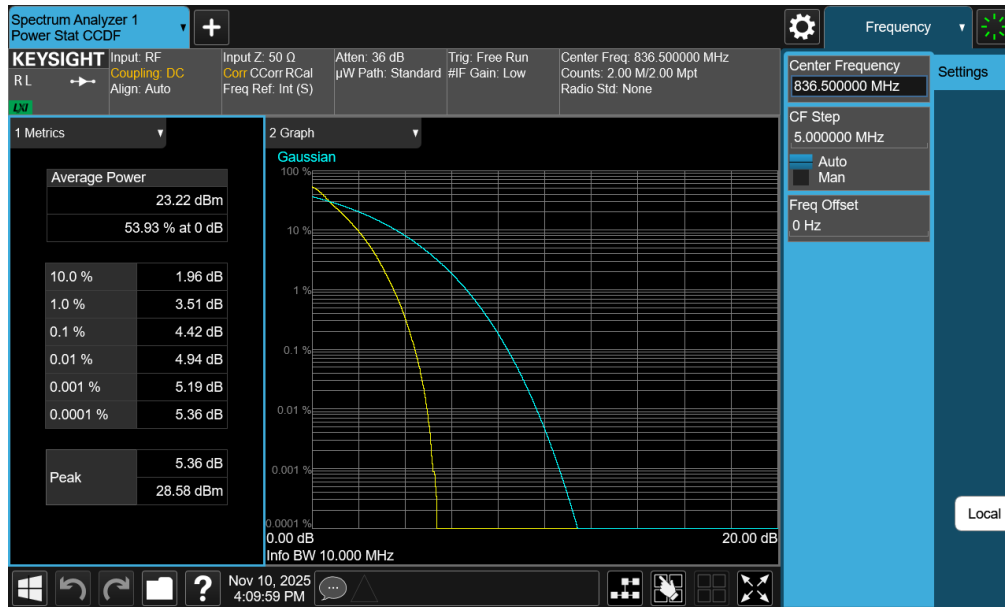


Plot 7-170. Peak-Average Ratio Plot (LTE Band 26 - 15MHz QPSK - Full RB - Ant1)



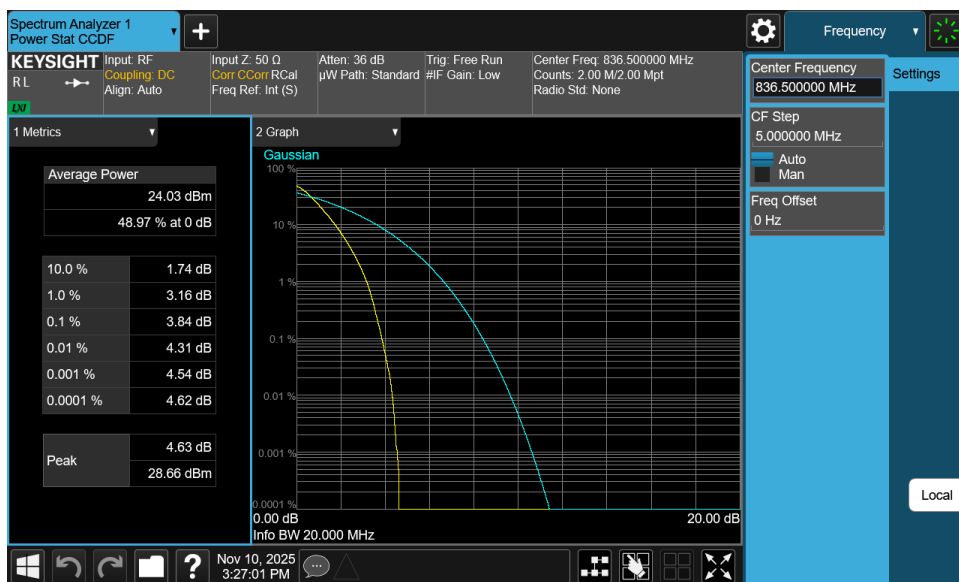
Plot 7-171. Peak-Average Ratio Plot (LTE Band 26 - 15MHz 256-QAM - Full RB - Ant1)

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 120 of 165                   |

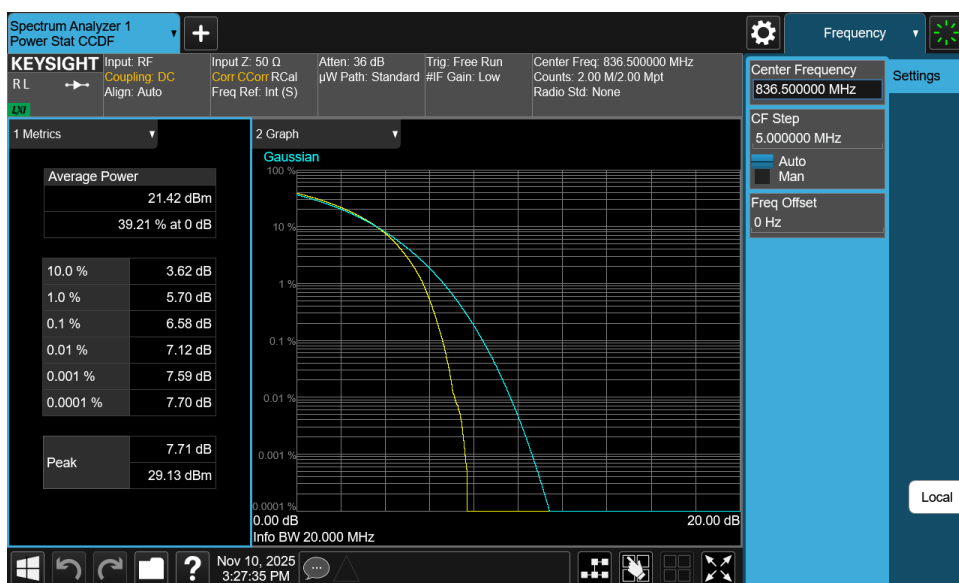


|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 121 of 165                   |

## NR Band n5 – Ant1

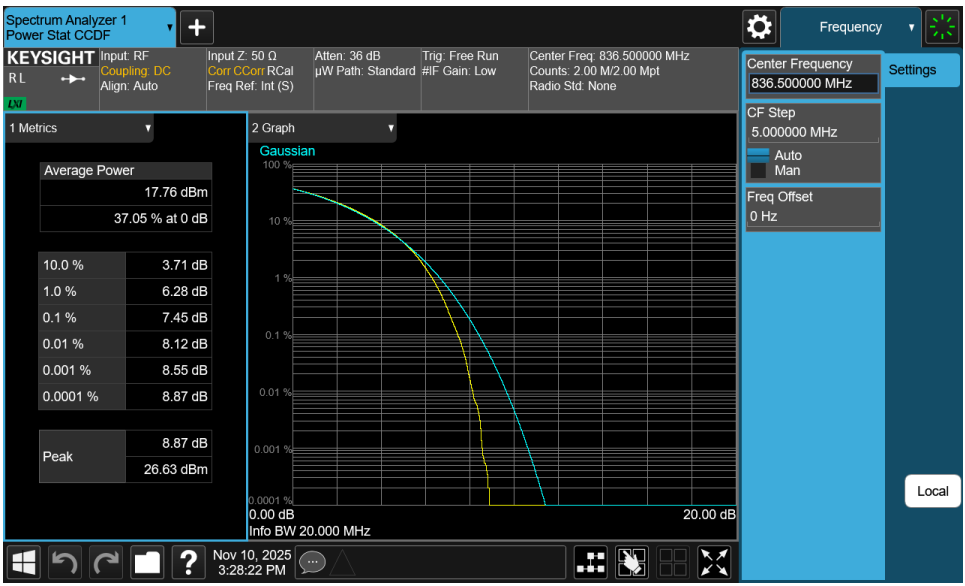


Plot 7-174. Peak-Average Ratio Plot (NR Band n5 - 20MHz  $\pi/2$  BPSK - Full RB - Ant1)



Plot 7-175. Peak-Average Ratio Plot (NR Band n5 - 20MHz QPSK - Full RB - Ant1)

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 122 of 165                   |



Plot 7-176. Peak-Average Ratio Plot (NR Band n5 - 20MHz 256-QAM - Full RB - Ant1)

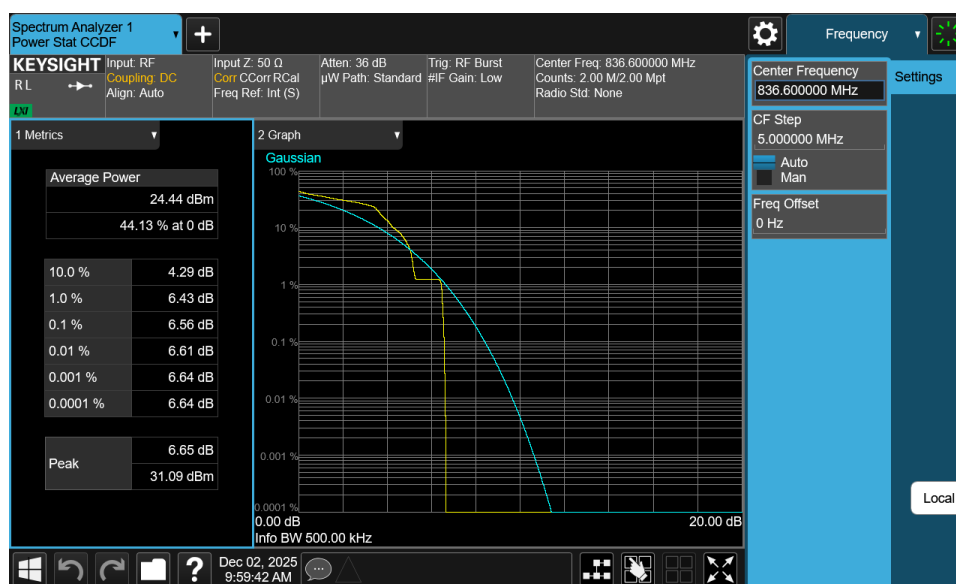
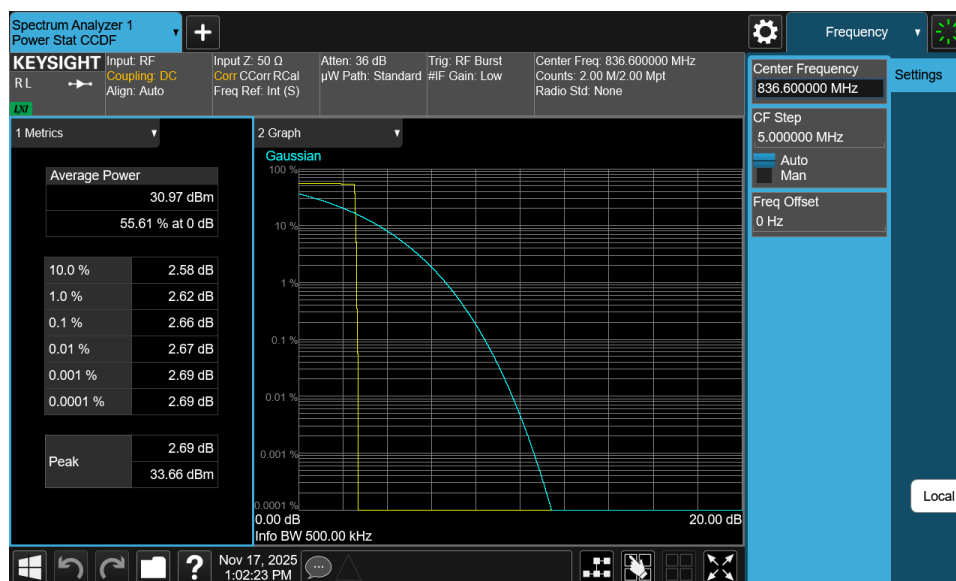
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|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 123 of 165                   |

| Mode          | Bandwidth            | Modulation      | Average Power [dBm] | PAR at 0.1% [dB] | PAR Limit [dB] | Margin [dB] |
|---------------|----------------------|-----------------|---------------------|------------------|----------------|-------------|
| GSM850        | N/A                  | GMSK            | 30.97               | 2.66             | 13.0           | -10.34      |
| EDGE850       |                      | 8-PSK           | 24.44               | 6.56             | 13.0           | -6.44       |
| WCDMA850      |                      | Spread Spectrum | 23.47               | 3.44             | 13             | -9.56       |
| LTE Band 26/5 | 15MHz (Band 26 only) | QPSK            | 22.81               | 5.84             | 13             | -7.16       |
|               |                      | 256QAM          | 18.80               | 7.05             | 13             | -5.95       |
|               | 10 MHz               | QPSK            | 22.95               | 5.85             | 13             | -7.15       |
|               |                      | 256QAM          | 18.92               | 7.12             | 13             | -5.88       |
|               | 5 MHz                | QPSK            | 22.92               | 5.83             | 13             | -7.17       |
|               |                      | 256QAM          | 18.93               | 7.10             | 13             | -5.90       |
|               | 3 MHz                | QPSK            | 22.87               | 5.84             | 13             | -7.16       |
|               |                      | 256QAM          | 18.87               | 7.12             | 13             | -5.88       |
|               | 1.4 MHz              | QPSK            | 22.81               | 5.84             | 13             | -7.16       |
|               |                      | 256QAM          | 18.80               | 7.05             | 13             | -5.95       |
| NR-n26-5      | 20 MHz               | $\pi/2$ BPSK    | 23.15               | 4.20             | 13             | -8.80       |
|               |                      | QPSK            | 20.64               | 7.59             | 13             | -5.41       |
|               |                      | 256QAM          | 17.13               | 8.31             | 13             | -4.69       |
|               | 15 MHz               | $\pi/2$ BPSK    | 23.22               | 4.12             | 13             | -8.88       |
|               |                      | QPSK            | 20.71               | 7.58             | 13             | -5.42       |
|               |                      | 256QAM          | 17.16               | 8.28             | 13             | -4.72       |
|               | 10 MHz               | $\pi/2$ BPSK    | 23.22               | 4.41             | 13             | -8.59       |
|               |                      | QPSK            | 20.72               | 7.69             | 13             | -5.31       |
|               |                      | 256QAM          | 17.17               | 8.34             | 13             | -4.66       |
|               | 5 MHz                | $\pi/2$ BPSK    | 23.24               | 4.61             | 13             | -8.39       |
|               |                      | QPSK            | 20.70               | 7.68             | 13             | -5.32       |
|               |                      | 256QAM          | 17.12               | 8.28             | 13             | -4.72       |

**Table 7-13. Peak-Average Ratio Results – Ant2**

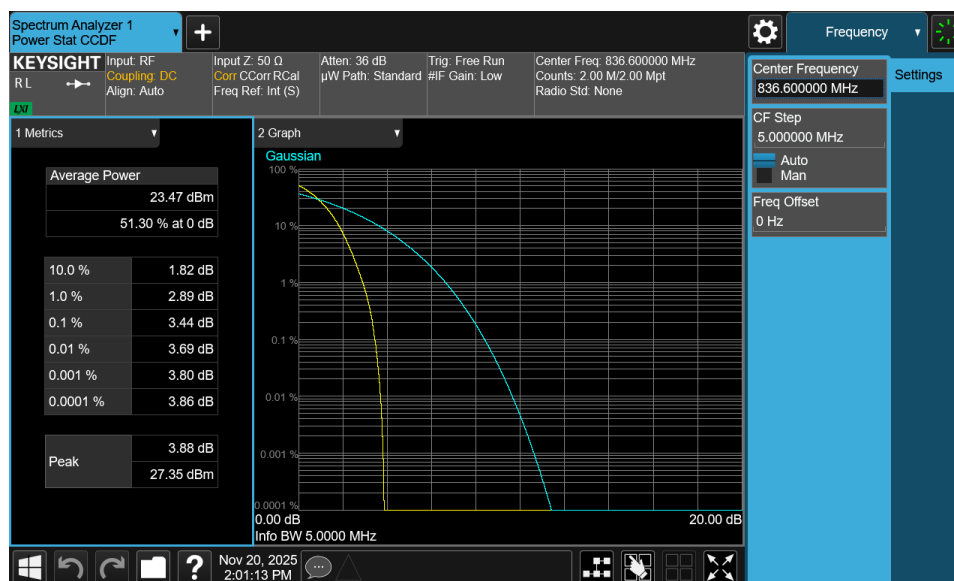
|                                                   |                                              |                                      |                                          |
|---------------------------------------------------|----------------------------------------------|--------------------------------------|------------------------------------------|
| <b>FCC ID:</b> A3LSMA576JPN                       | <b>PART 22 MEASUREMENT REPORT</b>            |                                      | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1M2512010100-05-R1.A3L | <b>Test Dates:</b><br>11/3/2025 - 12/18/2025 | <b>EUT Type:</b><br>Portable Handset | Page 124 of 165                          |

## GPRS Cell – Ant2



|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 125 of 165                   |

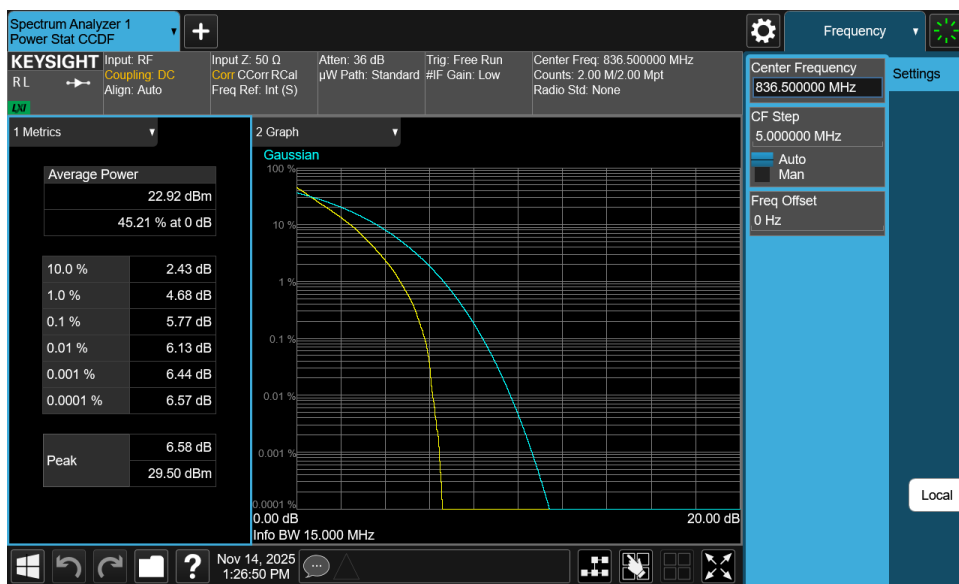
## WCDMA Cell – Ant2



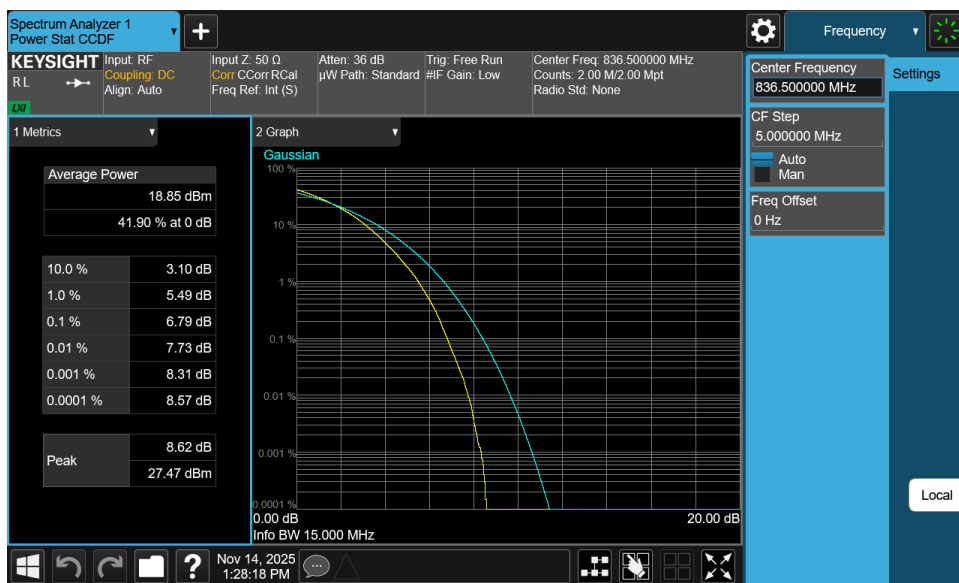
Plot 7-179. Peak-Average Ratio Plot (WCDMA, Ch. 4183 – Ant2)

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 126 of 165                   |

## LTE Band 26/5 – Ant2

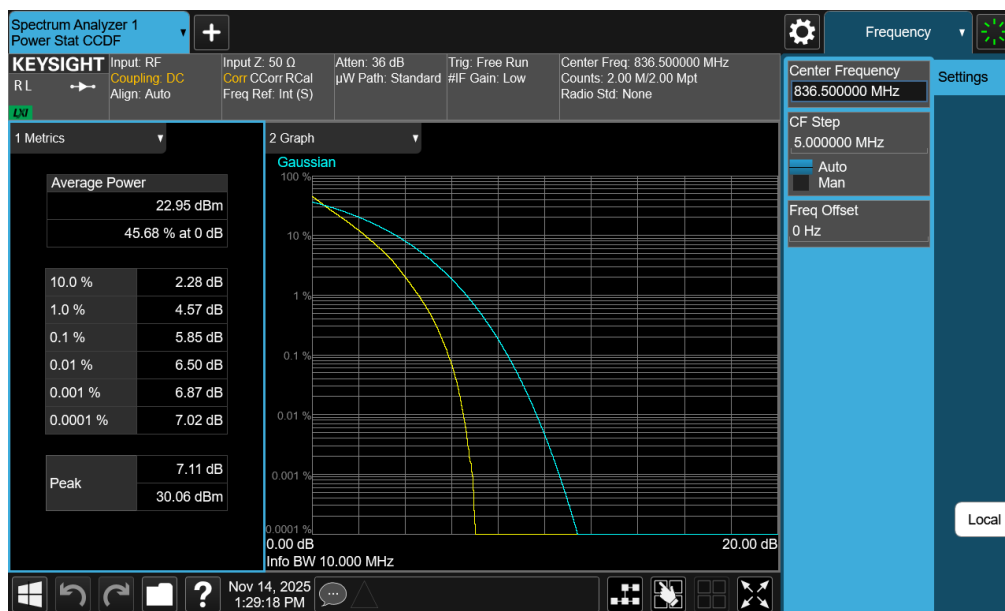


Plot 7-180. Peak-Average Ratio Plot (LTE Band 26 - 15MHz QPSK - Full RB - Ant2)

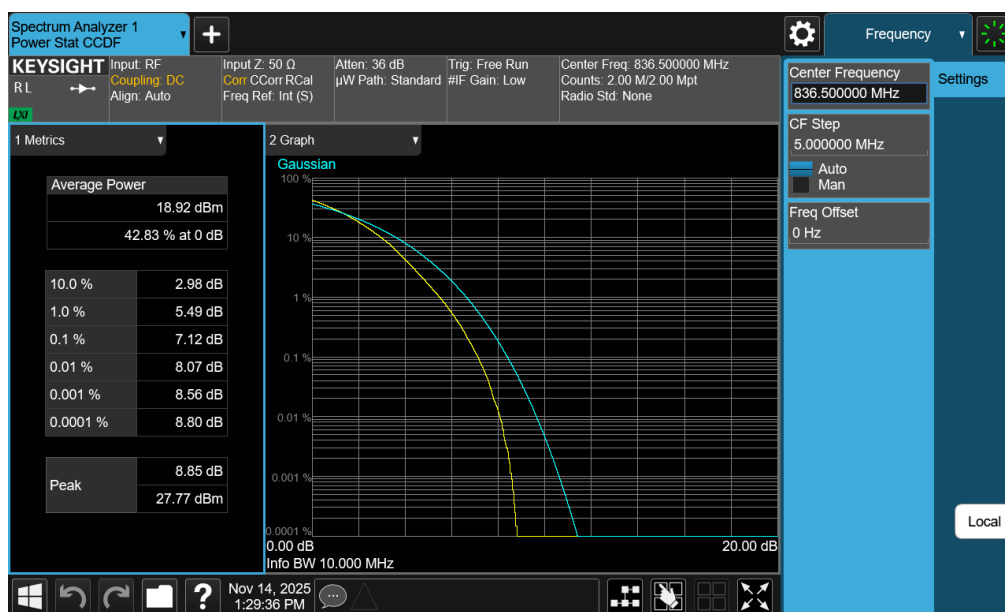


Plot 7-181. Peak-Average Ratio Plot (LTE Band 26 - 15MHz 256-QAM - Full RB - Ant2)

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 127 of 165                   |



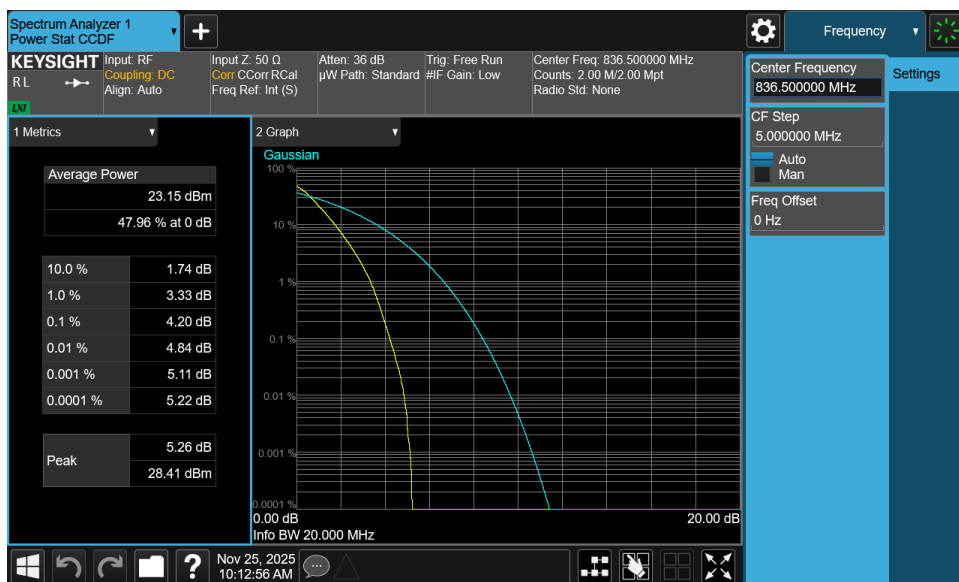
Plot 7-182. Peak-Average Ratio Plot (LTE Band 26/5 - 10MHz QPSK - Full RB – Ant2)



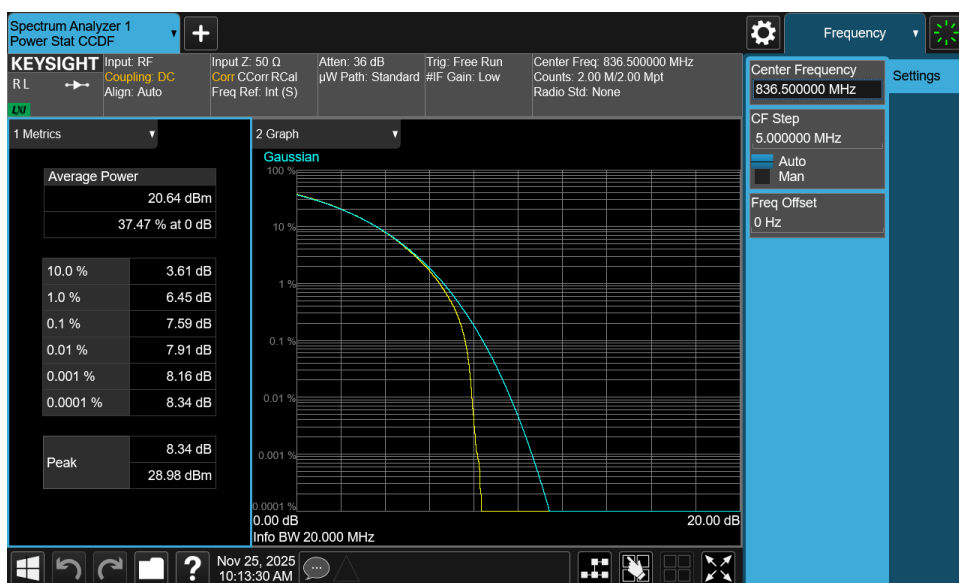
Plot 7-183. Peak-Average Ratio Plot (LTE Band 26/5 - 10MHz 256-QAM - Full RB – Ant2)

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 128 of 165                   |

## NR Band n5 – Ant2



Plot 7-184. Peak-Average Ratio Plot (NR Band n5 - 20MHz  $\pi/2$  BPSK - Full RB - Ant2)



Plot 7-185. Peak-Average Ratio Plot (NR Band n5 - 20MHz QPSK - Full RB - Ant2)

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 129 of 165                   |



Plot 7-186. Peak-Average Ratio Plot (NR Band n5 - 20MHz 256-QAM - Full RB - Ant2)

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 130 of 165                   |

## 7.7 Radiated Power (ERP)

### Test Overview

Effective Radiated Power (ERP) measurements are performed using the substitution method described in ANSI C63.26:2015 with the EUT transmitting into an integral antenna. Measurements are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as RMS average measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

### Test Procedures Used

ANSI C63.26:2015 – Section 5.2.4.4

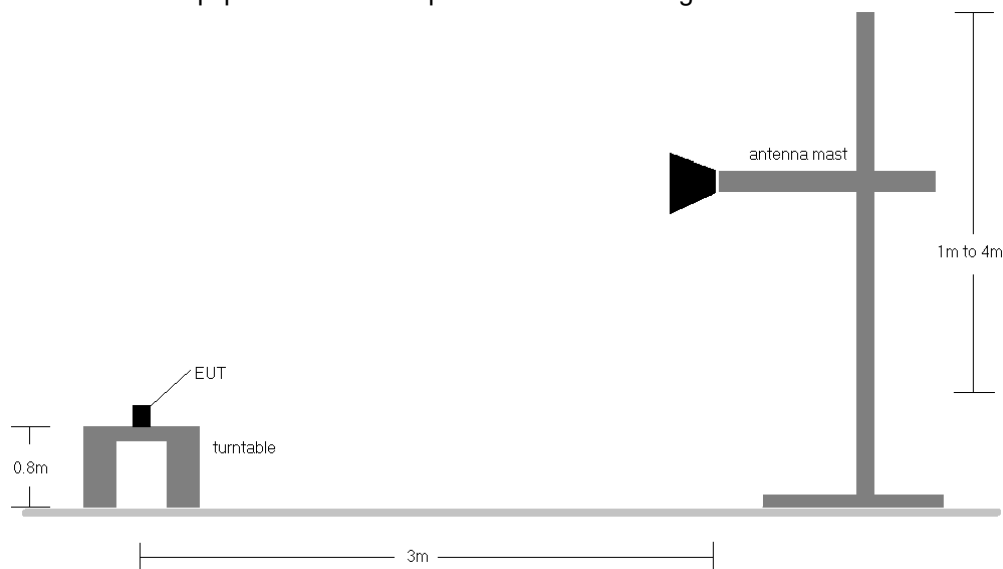
### Test Settings

1. Radiated power measurements are performed using the signal analyzer's "channel power" measurement capability for signals with continuous operation. For signals with burst transmission, the signal analyzer's "time domain power" measurement capability is used.
2. RBW = 1 – 5% of the expected OBW, not to exceed 1MHz
3. VBW  $\geq 3 \times$  RBW
4. Span = 1.5 times the OBW
5. No. of sweep points  $\geq 2 \times$  span / RBW
6. Detector = RMS
7. Trigger is set to "free run" for signals with continuous operation with the sweep times set to "auto". Trigger is set to enable triggering only on full power bursts with the sweep time set less than or equal to the transmission burst duration.
8. The integration bandwidth was roughly set equal to the measured OBW of the signal for signals with continuous operation. For signals with burst transmission, the "gating" function was enabled to ensure that measurements are performed during times in which the transmitter is operating at its maximum power.
9. Trace mode = trace averaging (RMS) over 100 sweeps
10. The trace was allowed to stabilize.

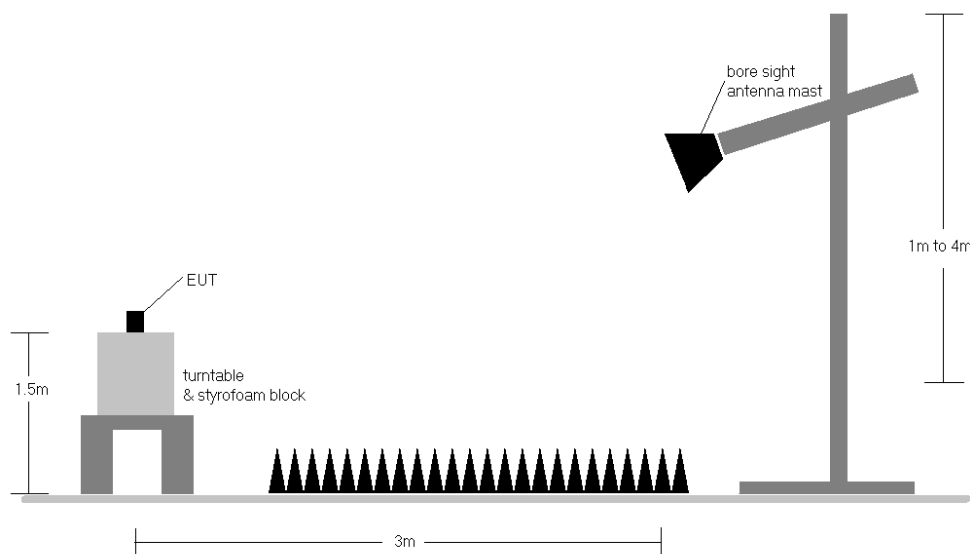
|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 131 of 165                   |

## Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-6. Radiated Test Setup < 1GHz**



**Figure 7-7. Radiated Test Setup > 1GHz**

## Test Notes

- 1) This device employs GSM, GPRS, and EDGE capabilities. The EUT was tested under all configurations and the highest powers are reported in GPRS mode while transmitting with one slot active.
- 2) This device employs UMTS technology with WCDMA (AMR/RMC) and HSDPA capabilities. The EUT was tested under all configurations and the highest powers are reported in WCDMA mode with HSDPA Inactive at 12.2 kbps RMC and TPC bits all set to "1".

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 132 of 165                   |

- 3) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst-case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 4) This unit was tested with its standard battery.
- 5) For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst-case configuration results are reported in this section.

|                                                   |                                              |                                      |                                          |
|---------------------------------------------------|----------------------------------------------|--------------------------------------|------------------------------------------|
| <b>FCC ID:</b> A3LSMA576JPN                       | <b>PART 22 MEASUREMENT REPORT</b>            |                                      | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1M2512010100-05-R1.A3L | <b>Test Dates:</b><br>11/3/2025 - 12/18/2025 | <b>EUT Type:</b><br>Portable Handset | Page 133 of 165                          |

| Bandwidth            | Mod.                 | Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Ant. Gain [dBi] | RB Size/Offset | Substitute Level [dBm] | ERP [dBm] | ERP [Watts] | ERP Limit [dBm] | Margin [dB] |
|----------------------|----------------------|-----------------|-----------------|---------------------|----------------------------|-----------------|----------------|------------------------|-----------|-------------|-----------------|-------------|
| 15MHz (Band 26 only) | QPSK                 | 831.50          | H               | 105                 | 280                        | 1.06            | 1 / 37         | 21.32                  | 20.23     | 0.106       | 34.77           | -14.54      |
|                      | QPSK                 | 836.50          | H               | 110                 | 283                        | 1.08            | 1 / 0          | 21.92                  | 20.85     | 0.121       | 34.77           | -13.93      |
|                      | QPSK                 | 841.50          | H               | 112                 | 291                        | 1.09            | 1 / 0          | 21.42                  | 20.36     | 0.109       | 34.77           | -14.41      |
|                      | 16-QAM               | 831.50          | H               | 105                 | 280                        | 1.06            | 1 / 37         | 20.29                  | 19.20     | 0.083       | 34.77           | -15.57      |
|                      | 16-QAM               | 836.50          | H               | 110                 | 283                        | 1.08            | 1 / 0          | 20.77                  | 19.70     | 0.093       | 34.77           | -15.08      |
|                      | 16-QAM               | 841.50          | H               | 112                 | 291                        | 1.09            | 1 / 0          | 20.48                  | 19.42     | 0.087       | 34.77           | -15.35      |
| 10 MHz               | QPSK                 | 829.00          | H               | 105                 | 280                        | 1.06            | 1 / 49         | 21.36                  | 20.27     | 0.106       | 34.77           | -14.50      |
|                      | QPSK                 | 836.50          | H               | 110                 | 283                        | 1.08            | 1 / 25         | 22.20                  | 21.13     | 0.130       | 34.77           | -13.64      |
|                      | QPSK                 | 844.00          | H               | 112                 | 291                        | 1.09            | 1 / 25         | 21.52                  | 20.47     | 0.111       | 34.77           | -14.31      |
|                      | 16-QAM               | 829.00          | H               | 105                 | 280                        | 1.06            | 1 / 49         | 20.44                  | 19.35     | 0.086       | 34.77           | -15.42      |
|                      | 16-QAM               | 836.50          | H               | 110                 | 283                        | 1.08            | 1 / 25         | 20.98                  | 19.91     | 0.098       | 34.77           | -14.86      |
|                      | 16-QAM               | 844.00          | H               | 112                 | 291                        | 1.09            | 1 / 25         | 20.88                  | 19.82     | 0.096       | 34.77           | -14.95      |
| 5 MHz                | QPSK                 | 826.50          | H               | 105                 | 280                        | 1.05            | 1 / 24         | 21.28                  | 20.19     | 0.104       | 34.77           | -14.58      |
|                      | QPSK                 | 836.50          | H               | 110                 | 283                        | 1.08            | 1 / 0          | 21.97                  | 20.89     | 0.123       | 34.77           | -13.88      |
|                      | QPSK                 | 846.50          | H               | 112                 | 291                        | 1.10            | 1 / 0          | 21.69                  | 20.64     | 0.116       | 34.77           | -14.13      |
|                      | 16-QAM               | 826.50          | H               | 105                 | 280                        | 1.05            | 1 / 24         | 20.14                  | 19.04     | 0.080       | 34.77           | -15.73      |
|                      | 16-QAM               | 836.50          | H               | 110                 | 283                        | 1.08            | 1 / 0          | 20.88                  | 19.81     | 0.096       | 34.77           | -14.96      |
|                      | 16-QAM               | 846.50          | H               | 112                 | 291                        | 1.10            | 1 / 0          | 20.58                  | 19.53     | 0.090       | 34.77           | -15.24      |
| 3 MHz                | QPSK                 | 825.50          | H               | 105                 | 280                        | 1.05            | 1 / 0          | 21.12                  | 20.02     | 0.101       | 34.77           | -14.75      |
|                      | QPSK                 | 836.50          | H               | 110                 | 283                        | 1.08            | 1 / 0          | 22.04                  | 20.96     | 0.125       | 34.77           | -13.81      |
|                      | QPSK                 | 847.50          | H               | 112                 | 291                        | 1.10            | 1 / 7          | 21.39                  | 20.34     | 0.108       | 34.77           | -14.43      |
|                      | 16-QAM               | 825.50          | H               | 105                 | 280                        | 1.05            | 1 / 14         | 20.19                  | 19.09     | 0.081       | 34.77           | -15.68      |
|                      | 16-QAM               | 836.50          | H               | 110                 | 283                        | 1.08            | 1 / 0          | 20.79                  | 19.72     | 0.094       | 34.77           | -15.06      |
|                      | 16-QAM               | 847.50          | H               | 112                 | 291                        | 1.10            | 1 / 7          | 20.55                  | 19.50     | 0.089       | 34.77           | -15.27      |
| 1.4 MHz              | QPSK                 | 824.70          | H               | 105                 | 280                        | 1.05            | 1 / 3          | 21.21                  | 20.11     | 0.103       | 34.77           | -14.66      |
|                      | QPSK                 | 836.50          | H               | 110                 | 283                        | 1.08            | 1 / 3          | 22.11                  | 21.03     | 0.127       | 34.77           | -13.74      |
|                      | QPSK                 | 848.30          | H               | 112                 | 291                        | 1.10            | 1 / 3          | 21.38                  | 20.33     | 0.108       | 34.77           | -14.44      |
|                      | 16-QAM               | 824.70          | H               | 105                 | 280                        | 1.05            | 1 / 3          | 20.13                  | 19.03     | 0.080       | 34.77           | -15.75      |
|                      | 16-QAM               | 836.50          | H               | 110                 | 283                        | 1.08            | 1 / 3          | 20.73                  | 19.65     | 0.092       | 34.77           | -15.12      |
|                      | 16-QAM               | 848.30          | H               | 112                 | 291                        | 1.10            | 1 / 3          | 20.85                  | 19.80     | 0.096       | 34.77           | -14.97      |
| 15MHz                | QPSK (Opposite Pol.) | 836.50          | V               | 138                 | 224                        | 1.08            | 1 / 0          | 21.52                  | 20.45     | 0.111       | 34.77           | -14.33      |

Table 7-14. ERP Data (LTE Band 26/5 – Ant1)

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 134 of 165                   |

| Bandwidth | Mod.                 | Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Ant. Gain [dB] | RB Size/Offset | Substitute Level [dBm] | ERP [dBm] | ERP [Watts] | ERP Limit [dBm] | Margin [dB] |
|-----------|----------------------|-----------------|-----------------|---------------------|----------------------------|----------------|----------------|------------------------|-----------|-------------|-----------------|-------------|
| 20 MHz    | $\pi/2$ BPSK         | 834.00          | H               | 108                 | 286                        | 1.07           | 1 / 53         | 22.28                  | 21.20     | 0.132       | 34.77           | -13.57      |
|           | $\pi/2$ BPSK         | 836.50          | H               | 108                 | 281                        | 1.08           | 1 / 53         | 22.23                  | 21.16     | 0.130       | 34.77           | -13.62      |
|           | $\pi/2$ BPSK         | 839.00          | H               | 105                 | 289                        | 1.08           | 1 / 1          | 22.03                  | 20.96     | 0.125       | 34.77           | -13.81      |
|           | QPSK                 | 834.00          | H               | 108                 | 286                        | 1.07           | 1 / 53         | 22.36                  | 21.28     | 0.134       | 34.77           | -13.49      |
|           | QPSK                 | 836.50          | H               | 108                 | 281                        | 1.08           | 1 / 53         | 22.30                  | 21.23     | 0.133       | 34.77           | -13.55      |
|           | QPSK                 | 839.00          | H               | 105                 | 289                        | 1.08           | 1 / 1          | 22.11                  | 21.04     | 0.127       | 34.77           | -13.73      |
|           | 16-QAM               | 834.00          | H               | 108                 | 286                        | 1.07           | 1 / 53         | 21.09                  | 20.01     | 0.100       | 34.77           | -14.76      |
|           | 16-QAM               | 836.50          | H               | 108                 | 281                        | 1.08           | 1 / 53         | 20.95                  | 19.88     | 0.097       | 34.77           | -14.90      |
| 15 MHz    | 16-QAM               | 839.00          | H               | 105                 | 289                        | 1.08           | 1 / 1          | 21.04                  | 19.97     | 0.099       | 34.77           | -14.80      |
|           | $\pi/2$ BPSK         | 831.50          | H               | 108                 | 286                        | 1.06           | 1 / 77         | 22.58                  | 21.49     | 0.141       | 34.77           | -13.28      |
|           | $\pi/2$ BPSK         | 836.50          | H               | 108                 | 281                        | 1.08           | 1 / 77         | 22.44                  | 21.36     | 0.137       | 34.77           | -13.41      |
|           | $\pi/2$ BPSK         | 841.50          | H               | 105                 | 289                        | 1.09           | 1 / 77         | 21.91                  | 20.84     | 0.121       | 34.77           | -13.93      |
|           | QPSK                 | 831.50          | H               | 108                 | 286                        | 1.06           | 1 / 77         | 22.43                  | 21.35     | 0.136       | 34.77           | -13.42      |
|           | QPSK                 | 836.50          | H               | 108                 | 281                        | 1.08           | 1 / 77         | 22.25                  | 21.18     | 0.131       | 34.77           | -13.59      |
|           | QPSK                 | 841.50          | H               | 105                 | 289                        | 1.09           | 1 / 77         | 21.81                  | 20.74     | 0.119       | 34.77           | -14.03      |
|           | 16-QAM               | 831.50          | H               | 108                 | 286                        | 1.06           | 1 / 77         | 21.52                  | 20.43     | 0.110       | 34.77           | -14.34      |
| 10 MHz    | 16-QAM               | 836.50          | H               | 108                 | 281                        | 1.08           | 1 / 77         | 20.78                  | 19.71     | 0.093       | 34.77           | -15.07      |
|           | 16-QAM               | 841.50          | H               | 105                 | 289                        | 1.09           | 1 / 77         | 20.99                  | 19.92     | 0.098       | 34.77           | -14.85      |
|           | $\pi/2$ BPSK         | 829.00          | H               | 108                 | 286                        | 1.06           | 1 / 50         | 22.38                  | 21.28     | 0.134       | 34.77           | -13.49      |
|           | $\pi/2$ BPSK         | 836.50          | H               | 108                 | 281                        | 1.08           | 1 / 50         | 22.38                  | 21.30     | 0.135       | 34.77           | -13.47      |
|           | $\pi/2$ BPSK         | 844.00          | H               | 105                 | 289                        | 1.09           | 1 / 26         | 21.93                  | 20.87     | 0.122       | 34.77           | -13.90      |
|           | QPSK                 | 829.00          | H               | 108                 | 286                        | 1.06           | 1 / 50         | 22.23                  | 21.14     | 0.130       | 34.77           | -13.63      |
|           | QPSK                 | 836.50          | H               | 108                 | 281                        | 1.08           | 1 / 50         | 22.25                  | 21.18     | 0.131       | 34.77           | -13.60      |
|           | QPSK                 | 844.00          | H               | 105                 | 289                        | 1.09           | 1 / 26         | 21.98                  | 20.92     | 0.124       | 34.77           | -13.85      |
| 5 MHz     | 16-QAM               | 829.00          | H               | 108                 | 286                        | 1.06           | 1 / 50         | 21.33                  | 20.24     | 0.106       | 34.77           | -14.53      |
|           | 16-QAM               | 836.50          | H               | 108                 | 281                        | 1.08           | 1 / 50         | 20.46                  | 19.38     | 0.087       | 34.77           | -15.39      |
|           | 16-QAM               | 844.00          | H               | 105                 | 289                        | 1.09           | 1 / 26         | 20.95                  | 19.89     | 0.098       | 34.77           | -14.88      |
|           | $\pi/2$ BPSK         | 829.00          | H               | 108                 | 286                        | 1.05           | 1 / 12         | 22.31                  | 21.21     | 0.132       | 34.77           | -13.56      |
|           | $\pi/2$ BPSK         | 836.50          | H               | 108                 | 281                        | 1.08           | 1 / 12         | 22.35                  | 21.28     | 0.134       | 34.77           | -13.49      |
|           | $\pi/2$ BPSK         | 844.00          | H               | 105                 | 289                        | 1.10           | 1 / 12         | 22.16                  | 21.11     | 0.129       | 34.77           | -13.66      |
|           | QPSK                 | 829.00          | H               | 108                 | 286                        | 1.05           | 1 / 12         | 22.35                  | 21.25     | 0.133       | 34.77           | -13.52      |
|           | QPSK                 | 836.50          | H               | 108                 | 281                        | 1.08           | 1 / 12         | 22.28                  | 21.20     | 0.132       | 34.77           | -13.57      |
| 20 MHz    | QPSK                 | 844.00          | H               | 105                 | 289                        | 1.10           | 1 / 12         | 22.32                  | 21.27     | 0.134       | 34.77           | -13.50      |
|           | 16-QAM               | 829.00          | H               | 108                 | 286                        | 1.05           | 1 / 12         | 21.33                  | 20.23     | 0.105       | 34.77           | -14.54      |
|           | 16-QAM               | 836.50          | H               | 108                 | 281                        | 1.08           | 1 / 12         | 20.79                  | 19.72     | 0.094       | 34.77           | -15.05      |
| 20 MHz    | 16-QAM               | 844.00          | H               | 105                 | 289                        | 1.10           | 1 / 12         | 21.04                  | 19.99     | 0.100       | 34.77           | -14.78      |
|           | QPSK (CP-OFDM)       | 834.00          | H               | 108                 | 282                        | 1.07           | 1 / 53         | 20.67                  | 19.59     | 0.091       | 34.77           | -15.18      |
| 20 MHz    | QPSK (Opposite Pol.) | 834.00          | V               | 136                 | 230                        | 1.07           | 1 / 1          | 20.59                  | 19.51     | 0.089       | 34.77           | -15.26      |

**Table 7-15. ERP Data (NR Band n5 – Ant1)**

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 135 of 165                   |

| Frequency [MHz] | Mode    | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Substitute Level [dBm] | Ant. Gain [dBi] | ERP [dBm]    | ERP [Watts]  | ERP Limit [dBm] | Margin [dB] |
|-----------------|---------|-----------------|---------------------|----------------------------|------------------------|-----------------|--------------|--------------|-----------------|-------------|
| 824.20          | GSM850  | H               | 111                 | 290                        | 30.56                  | 1.05            | 29.46        | 0.883        | 34.77           | -5.31       |
| 836.60          | GSM850  | H               | 109                 | 284                        | 30.61                  | 1.08            | <b>29.54</b> | <b>0.899</b> | 34.77           | -5.24       |
| 848.80          | GSM850  | H               | 110                 | 289                        | 29.56                  | 1.10            | 28.51        | 0.710        | 34.77           | -6.26       |
| 836.60          | GSM850  | V               | 135                 | 232                        | 28.80                  | 1.08            | 27.73        | 0.592        | 34.77           | -7.05       |
| 836.60          | EDGE850 | H               | 109                 | 284                        | 22.54                  | 1.08            | <b>21.47</b> | 0.140        | 34.77           | -13.31      |

Table 7-16. ERP Data (GPRS Cell – Ant1)

| Frequency [MHz] | Mode     | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Substitute Level [dBm] | Ant. Gain [dBi] | ERP [dBm]    | ERP [Watts]  | ERP Limit [dBm] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|------------------------|-----------------|--------------|--------------|-----------------|-------------|
| 826.40          | WCDMA850 | H               | 109                 | 280                        | 22.30                  | 1.05            | <b>21.20</b> | <b>0.132</b> | 34.77           | -13.57      |
| 836.60          | WCDMA850 | H               | 109                 | 284                        | 21.92                  | 1.08            | 20.85        | 0.122        | 34.77           | -13.93      |
| 846.60          | WCDMA850 | H               | 107                 | 288                        | 20.68                  | 1.10            | 19.63        | 0.092        | 34.77           | -15.14      |
| 826.40          | WCDMA850 | V               | 135                 | 235                        | 21.31                  | 1.08            | 20.24        | 0.106        | 34.77           | -14.54      |

Table 7-17. ERP Data (WCDMA Cell – Ant1)

| Bandwidth            | Mod.                 | Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Ant. Gain [dBi] | RB Size/Offset | Substitute Level [dBm] | ERP [dBm]    | ERP [Watts] | ERP Limit [dBm] | Margin [dB] |
|----------------------|----------------------|-----------------|-----------------|---------------------|----------------------------|-----------------|----------------|------------------------|--------------|-------------|-----------------|-------------|
| 15MHz (Band 26 only) | QPSK                 | 831.50          | H               | 107                 | 242                        | 1.06            | 1 / 37         | 21.18                  | 20.09        | 0.102       | 34.77           | -14.68      |
|                      | QPSK                 | 836.50          | H               | 109                 | 242                        | 1.08            | 1 / 37         | 21.45                  | <b>20.38</b> | 0.109       | 34.77           | -14.40      |
|                      | QPSK                 | 841.50          | H               | 106                 | 240                        | 1.09            | 1 / 0          | 21.13                  | 20.07        | 0.102       | 34.77           | -14.70      |
|                      | 16-QAM               | 831.50          | H               | 107                 | 242                        | 1.06            | 1 / 37         | 20.42                  | 19.33        | 0.086       | 34.77           | -15.44      |
|                      | 16-QAM               | 836.50          | H               | 109                 | 242                        | 1.08            | 1 / 37         | 20.53                  | 19.46        | 0.088       | 34.77           | -15.32      |
| 10 MHz               | 16-QAM               | 841.50          | H               | 106                 | 240                        | 1.09            | 1 / 0          | 20.26                  | 19.20        | 0.083       | 34.77           | -15.57      |
|                      | QPSK                 | 829.00          | H               | 107                 | 242                        | 1.06            | 1 / 49         | 20.89                  | 19.80        | 0.096       | 34.77           | -14.97      |
|                      | QPSK                 | 836.50          | H               | 109                 | 242                        | 1.08            | 1 / 25         | 21.25                  | <b>20.18</b> | 0.104       | 34.77           | -14.59      |
|                      | QPSK                 | 844.00          | H               | 106                 | 240                        | 1.09            | 1 / 0          | 21.20                  | 20.15        | 0.103       | 34.77           | -14.62      |
|                      | 16-QAM               | 829.00          | H               | 107                 | 242                        | 1.06            | 1 / 49         | 20.35                  | 19.26        | 0.084       | 34.77           | -15.51      |
| 5 MHz                | 16-QAM               | 836.50          | H               | 109                 | 242                        | 1.08            | 1 / 25         | 20.59                  | 19.52        | 0.089       | 34.77           | -15.25      |
|                      | 16-QAM               | 844.00          | H               | 106                 | 240                        | 1.09            | 1 / 0          | 20.36                  | 19.30        | 0.085       | 34.77           | -15.47      |
|                      | QPSK                 | 826.50          | H               | 107                 | 242                        | 1.05            | 1 / 0          | 20.80                  | 19.71        | 0.093       | 34.77           | -15.06      |
|                      | QPSK                 | 836.50          | H               | 109                 | 242                        | 1.08            | 1 / 24         | 21.25                  | <b>20.18</b> | 0.104       | 34.77           | -14.60      |
|                      | QPSK                 | 846.50          | H               | 106                 | 240                        | 1.10            | 1 / 0          | 21.19                  | 20.14        | 0.103       | 34.77           | -14.63      |
| 3 MHz                | 16-QAM               | 826.50          | H               | 107                 | 242                        | 1.05            | 1 / 0          | 20.38                  | 19.28        | 0.085       | 34.77           | -15.49      |
|                      | 16-QAM               | 836.50          | H               | 109                 | 242                        | 1.08            | 1 / 24         | 20.55                  | 19.48        | 0.089       | 34.77           | -15.29      |
|                      | 16-QAM               | 846.50          | H               | 106                 | 240                        | 1.10            | 1 / 0          | 20.64                  | 19.59        | 0.091       | 34.77           | -15.18      |
|                      | QPSK                 | 825.50          | H               | 107                 | 242                        | 1.05            | 1 / 14         | 20.81                  | 19.71        | 0.094       | 34.77           | -15.06      |
|                      | QPSK                 | 836.50          | H               | 109                 | 242                        | 1.08            | 1 / 0          | 21.10                  | <b>20.03</b> | 0.101       | 34.77           | -14.75      |
| 1.4 MHz              | QPSK                 | 847.50          | H               | 106                 | 240                        | 1.10            | 1 / 0          | 20.98                  | 19.94        | 0.099       | 34.77           | -14.84      |
|                      | 16-QAM               | 825.50          | H               | 107                 | 242                        | 1.05            | 1 / 14         | 20.25                  | 19.15        | 0.082       | 34.77           | -15.62      |
|                      | 16-QAM               | 836.50          | H               | 109                 | 242                        | 1.08            | 1 / 0          | 20.53                  | 19.46        | 0.088       | 34.77           | -15.31      |
|                      | 16-QAM               | 847.50          | H               | 106                 | 240                        | 1.10            | 1 / 0          | 20.13                  | 19.09        | 0.081       | 34.77           | -15.69      |
|                      | QPSK                 | 824.70          | H               | 107                 | 242                        | 1.05            | 1 / 5          | 20.73                  | 19.62        | 0.092       | 34.77           | -15.15      |
| 15MHz                | QPSK                 | 836.50          | H               | 109                 | 242                        | 1.08            | 1 / 3          | 21.29                  | <b>20.21</b> | 0.105       | 34.77           | -14.56      |
|                      | QPSK                 | 848.30          | H               | 106                 | 240                        | 1.10            | 1 / 3          | 21.02                  | 19.97        | 0.099       | 34.77           | -14.80      |
|                      | 16-QAM               | 824.70          | H               | 107                 | 242                        | 1.05            | 1 / 5          | 20.26                  | 19.16        | 0.082       | 34.77           | -15.61      |
|                      | 16-QAM               | 836.50          | H               | 109                 | 242                        | 1.08            | 1 / 3          | 20.66                  | 19.59        | 0.091       | 34.77           | -15.18      |
|                      | 16-QAM               | 848.30          | H               | 106                 | 240                        | 1.10            | 1 / 3          | 20.22                  | 19.17        | 0.083       | 34.77           | -15.60      |
| 15MHz                | QPSK (Opposite Pol.) | 836.50          | V               | 129                 | 292                        | 1.08            | 1 / 0          | 20.17                  | 19.10        | 0.081       | 34.77           | -15.68      |

Table 7-18. ERP Data (LTE Band 26/5 – Ant2)

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 136 of 165                   |

| Bandwidth | Mod.                 | Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Ant. Gain [dBi] | RB Size/Offset | Substitute Level [dBm] | ERP [dBm]    | ERP [Watts] | ERP Limit [dBm] | Margin [dB] |
|-----------|----------------------|-----------------|-----------------|---------------------|----------------------------|-----------------|----------------|------------------------|--------------|-------------|-----------------|-------------|
| 20 MHz    | $\pi/2$ BPSK         | 834.00          | H               | 110                 | 241                        | 1.07            | 1 / 53         | 21.75                  | 20.67        | 0.117       | 34.77           | -14.10      |
|           | $\pi/2$ BPSK         | 836.50          | H               | 109                 | 239                        | 1.08            | 1 / 53         | 22.01                  | <b>20.94</b> | 0.124       | 34.77           | -13.84      |
|           | $\pi/2$ BPSK         | 839.00          | H               | 109                 | 244                        | 1.08            | 1 / 53         | 21.73                  | 20.66        | 0.116       | 34.77           | -14.11      |
|           | QPSK                 | 834.00          | H               | 110                 | 241                        | 1.07            | 1 / 53         | 21.94                  | 20.86        | 0.122       | 34.77           | -13.91      |
|           | QPSK                 | 836.50          | H               | 109                 | 239                        | 1.08            | 1 / 53         | 21.97                  | 20.90        | 0.123       | 34.77           | -13.88      |
|           | QPSK                 | 839.00          | H               | 109                 | 244                        | 1.08            | 1 / 53         | 21.65                  | 20.58        | 0.114       | 34.77           | -14.19      |
|           | 16-QAM               | 834.00          | H               | 110                 | 241                        | 1.07            | 1 / 53         | 20.82                  | 19.74        | 0.094       | 34.77           | -15.03      |
|           | 16-QAM               | 836.50          | H               | 109                 | 239                        | 1.08            | 1 / 53         | 20.88                  | 19.81        | 0.096       | 34.77           | -14.97      |
| 15 MHz    | 16-QAM               | 839.00          | H               | 109                 | 244                        | 1.08            | 1 / 53         | 20.60                  | 19.53        | 0.090       | 34.77           | -15.24      |
|           | $\pi/2$ BPSK         | 831.50          | H               | 110                 | 241                        | 1.06            | 1 / 77         | 21.72                  | 20.64        | 0.116       | 34.77           | -14.13      |
|           | $\pi/2$ BPSK         | 836.50          | H               | 109                 | 239                        | 1.08            | 1 / 77         | 22.09                  | 21.02        | 0.126       | 34.77           | -13.75      |
|           | $\pi/2$ BPSK         | 841.50          | H               | 109                 | 244                        | 1.09            | 1 / 39         | 21.75                  | 20.69        | 0.117       | 34.77           | -14.08      |
|           | QPSK                 | 831.50          | H               | 110                 | 241                        | 1.06            | 1 / 77         | 21.96                  | 20.87        | 0.122       | 34.77           | -13.90      |
|           | QPSK                 | 836.50          | H               | 109                 | 239                        | 1.08            | 1 / 77         | 22.14                  | <b>21.07</b> | 0.128       | 34.77           | -13.70      |
|           | QPSK                 | 841.50          | H               | 109                 | 244                        | 1.09            | 1 / 39         | 21.73                  | 20.67        | 0.117       | 34.77           | -14.11      |
|           | 16-QAM               | 831.50          | H               | 110                 | 241                        | 1.06            | 1 / 77         | 21.05                  | 19.97        | 0.099       | 34.77           | -14.80      |
| 10 MHz    | 16-QAM               | 836.50          | H               | 109                 | 239                        | 1.08            | 1 / 77         | 20.83                  | 19.75        | 0.094       | 34.77           | -15.02      |
|           | 16-QAM               | 841.50          | H               | 109                 | 244                        | 1.09            | 1 / 39         | 20.62                  | 19.55        | 0.090       | 34.77           | -15.22      |
|           | $\pi/2$ BPSK         | 829.00          | H               | 110                 | 241                        | 1.06            | 1 / 50         | 21.64                  | 20.54        | 0.113       | 34.77           | -14.23      |
|           | $\pi/2$ BPSK         | 836.50          | H               | 109                 | 239                        | 1.08            | 1 / 26         | 22.07                  | <b>20.99</b> | 0.126       | 34.77           | -13.78      |
|           | $\pi/2$ BPSK         | 844.00          | H               | 109                 | 244                        | 1.09            | 1 / 26         | 21.73                  | 20.67        | 0.117       | 34.77           | -14.10      |
|           | QPSK                 | 829.00          | H               | 110                 | 241                        | 1.06            | 1 / 50         | 21.96                  | 20.87        | 0.122       | 34.77           | -13.90      |
|           | QPSK                 | 836.50          | H               | 109                 | 239                        | 1.08            | 1 / 26         | 21.87                  | 20.79        | 0.120       | 34.77           | -13.98      |
|           | QPSK                 | 844.00          | H               | 109                 | 244                        | 1.09            | 1 / 26         | 21.68                  | 20.62        | 0.115       | 34.77           | -14.15      |
| 5 MHz     | 16-QAM               | 829.00          | H               | 110                 | 241                        | 1.06            | 1 / 50         | 20.88                  | 19.79        | 0.095       | 34.77           | -14.98      |
|           | 16-QAM               | 836.50          | H               | 109                 | 239                        | 1.08            | 1 / 26         | 20.68                  | 19.60        | 0.091       | 34.77           | -15.17      |
|           | 16-QAM               | 844.00          | H               | 109                 | 244                        | 1.09            | 1 / 26         | 20.36                  | 19.30        | 0.085       | 34.77           | -15.47      |
|           | $\pi/2$ BPSK         | 829.00          | H               | 110                 | 241                        | 1.05            | 1 / 12         | 21.58                  | 20.48        | 0.112       | 34.77           | -14.29      |
|           | $\pi/2$ BPSK         | 836.50          | H               | 109                 | 239                        | 1.08            | 1 / 12         | 22.16                  | 21.09        | 0.128       | 34.77           | -13.68      |
|           | $\pi/2$ BPSK         | 844.00          | H               | 109                 | 244                        | 1.10            | 1 / 12         | 21.81                  | 20.75        | 0.119       | 34.77           | -14.02      |
|           | QPSK                 | 829.00          | H               | 110                 | 241                        | 1.05            | 1 / 12         | 21.76                  | 20.67        | 0.117       | 34.77           | -14.10      |
|           | QPSK                 | 836.50          | H               | 109                 | 239                        | 1.08            | 1 / 12         | 22.20                  | <b>21.13</b> | 0.130       | 34.77           | -13.64      |
| 20 MHz    | QPSK                 | 844.00          | H               | 109                 | 244                        | 1.10            | 1 / 12         | 21.90                  | 20.85        | 0.122       | 34.77           | -13.92      |
|           | 16-QAM               | 829.00          | H               | 110                 | 241                        | 1.05            | 1 / 12         | 20.81                  | 19.71        | 0.094       | 34.77           | -15.06      |
|           | 16-QAM               | 836.50          | H               | 109                 | 239                        | 1.08            | 1 / 12         | 20.71                  | 19.64        | 0.092       | 34.77           | -15.13      |
| 20 MHz    | 16-QAM               | 844.00          | H               | 109                 | 244                        | 1.10            | 1 / 12         | 20.63                  | 19.58        | 0.091       | 34.77           | -15.19      |
|           | QPSK (CP-OFDM)       | 836.50          | H               | 108                 | 243                        | 1.07            | 1 / 53         | 20.19                  | <b>19.11</b> | 0.081       | 34.77           | -15.66      |
|           | QPSK (Opposite Pol.) | 836.50          | V               | 125                 | 296                        | 1.07            | 1 / 53         | 20.77                  | 19.69        | 0.093       | 34.77           | -15.08      |

Table 7-19. ERP Data (NR Band n5 – Ant2)

| Frequency [MHz] | Mode    | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Substitute Level [dBm] | Ant. Gain [dBi] | ERP [dBm]    | ERP [Watts]  | ERP Limit [dBm] | Margin [dB] |
|-----------------|---------|-----------------|---------------------|----------------------------|------------------------|-----------------|--------------|--------------|-----------------|-------------|
| 824.20          | GSM850  | H               | 111                 | 241                        | 29.71                  | 1.05            | 28.61        | 0.726        | 34.77           | -6.16       |
| 836.60          | GSM850  | H               | 110                 | 242                        | 29.73                  | 1.08            | <b>28.66</b> | <b>0.734</b> | 34.77           | -6.12       |
| 848.80          | GSM850  | H               | 104                 | 233                        | 26.61                  | 1.10            | 25.56        | 0.360        | 34.77           | -9.21       |
| 836.60          | GSM850  | V               | 127                 | 289                        | 28.33                  | 1.08            | 27.26        | 0.532        | 34.77           | -7.52       |
| 836.60          | EDGE850 | H               | 110                 | 242                        | 20.92                  | 1.08            | <b>19.85</b> | 0.097        | 34.77           | -14.93      |

Table 7-20. ERP Data (GPRS Cell – Ant2)

| Frequency [MHz] | Mode     | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Substitute Level [dBm] | Ant. Gain [dBi] | ERP [dBm]    | ERP [Watts]  | ERP Limit [dBm] | Margin [dB] |
|-----------------|----------|-----------------|---------------------|----------------------------|------------------------|-----------------|--------------|--------------|-----------------|-------------|
| 826.40          | WCDMA850 | H               | 109                 | 245                        | 21.16                  | 1.05            | 20.06        | 0.101        | 34.77           | -14.71      |
| 836.60          | WCDMA850 | H               | 108                 | 249                        | 21.29                  | 1.08            | <b>20.22</b> | <b>0.105</b> | 34.77           | -14.56      |
| 846.60          | WCDMA850 | H               | 110                 | 239                        | 20.24                  | 1.10            | 19.19        | 0.083        | 34.77           | -15.58      |
| 836.60          | WCDMA850 | V               | 126                 | 283                        | 19.36                  | 1.08            | 18.29        | 0.067        | 34.77           | -16.49      |

Table 7-21. ERP Data (WCDMA Cell – Ant2)

|                                            |                                       |                               |  |  |  |  |  |  |                                   |  |
|--------------------------------------------|---------------------------------------|-------------------------------|--|--|--|--|--|--|-----------------------------------|--|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               |  |  |  |  |  |  | Approved by:<br>Technical Manager |  |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset |  |  |  |  |  |  | Page 137 of 165                   |  |

## 7.8 Radiated Spurious Emissions Measurements

### Test Overview

Radiated spurious emissions measurements are performed using the field strength conversion method described in ANSI C63.26:2015 with the EUT transmitting into an integral antenna. Measurements on signals operating below 1GHz are performed using hybrid (biconical/log) antennas. Measurements on signals operating above 1GHz are performed using vertically and horizontally polarized broadband horn antennas. All measurements are performed as RMS measurements while the EUT is operating at maximum power, and at the appropriate frequencies.

### Test Procedures Used

ANSI C63.26:2015 – Section 5.5.4

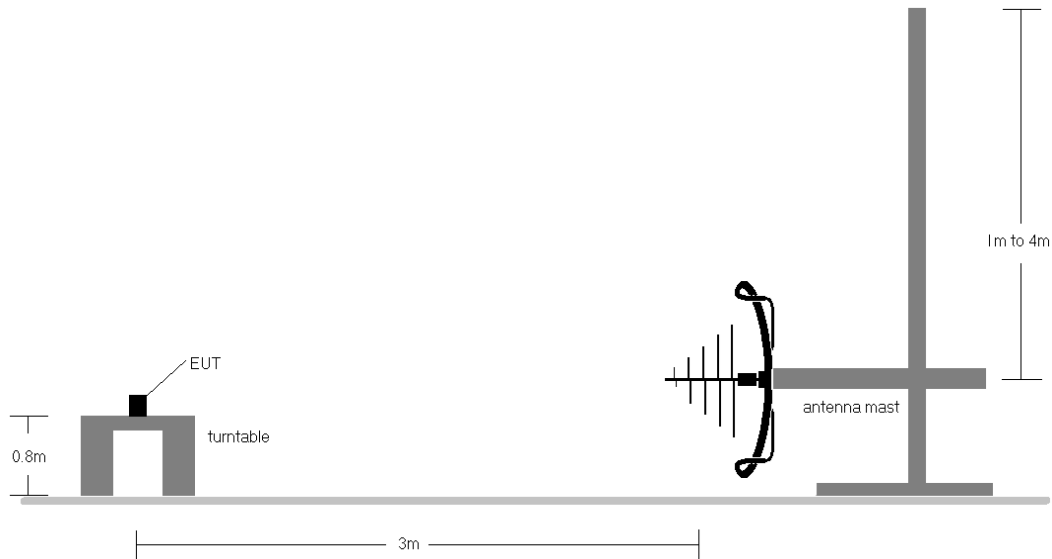
### Test Settings

1. RBW = 100kHz for emissions below 1GHz and 1MHz for emissions above 1GHz
2. VBW  $\geq 3 \times$  RBW
3. Span = 1.5 times the OBW
4. No. of sweep points  $\geq 2 \times$  span / RBW
5. Detector = RMS
6. Trace mode = Average (Max Hold for pulsed emissions)
7. The trace was allowed to stabilize

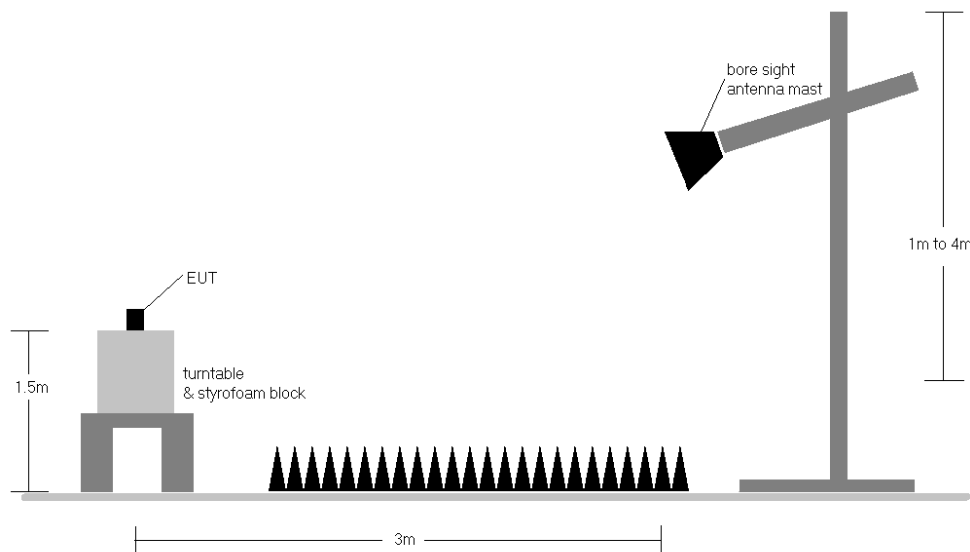
|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 138 of 165                   |

## Test Setup

The EUT and measurement equipment were set up as shown in the diagram below.



**Figure 7-8. Test Instrument & Measurement Setup < 1GHz**



**Figure 7-9. Test Instrument & Measurement Setup > 1GHz**

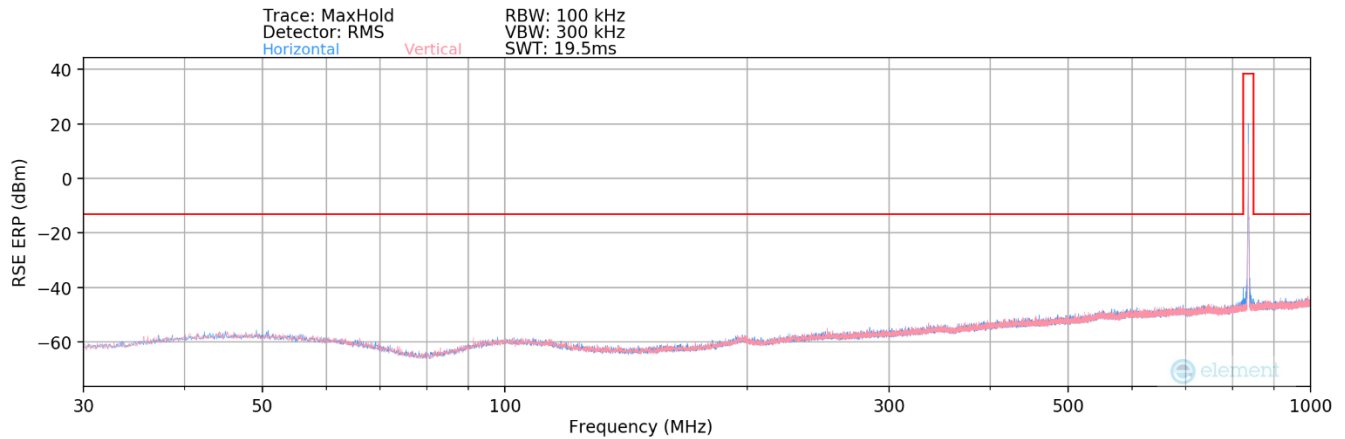
|                                                   |                                              |                                      |                                          |
|---------------------------------------------------|----------------------------------------------|--------------------------------------|------------------------------------------|
| <b>FCC ID:</b> A3LSMA576JPN                       | <b>PART 22 MEASUREMENT REPORT</b>            |                                      | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1M2512010100-05-R1.A3L | <b>Test Dates:</b><br>11/3/2025 - 12/18/2025 | <b>EUT Type:</b><br>Portable Handset | Page 139 of 165                          |

## Test Notes

- 1) Field strengths are calculated using the Measurement quantity conversions in ANSI C63.26:2015 Section 5.2.7:
  - a)  $E(\text{dB}\mu\text{V/m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
  - b)  $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V/m}) + 20\log D - 104.8$ ; where D is the measurement distance in meters.
- 2) This device employs GSM, GPRS, and EDGE capabilities. The EUT was tested under all configurations and the highest powers are reported in GPRS mode while transmitting with one slot active.
- 3) This device employs UMTS technology with WCDMA (AMR/RMC) and HSDPA capabilities. The EUT was tested under all configurations and the highest powers are reported in WCDMA mode with HSDPA Inactive at 12.2 kbps RMC and TPC bits all set to "1".
- 4) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst-case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 5) This unit was tested with its standard battery.
- 6) The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
- 7) Emissions below 18GHz were measured at a 3-meter test distance while emissions above 18GHz were measured at a 1-meter test distance with the application of a distance correction factor.
- 8) The "-" shown in the following RSE tables are used to denote a noise floor measurement.
- 9) For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst-case configuration results are reported in this section.

|                                                   |                                              |                                      |                                          |
|---------------------------------------------------|----------------------------------------------|--------------------------------------|------------------------------------------|
| <b>FCC ID:</b> A3LSMA576JPN                       | <b>PART 22 MEASUREMENT REPORT</b>            |                                      | <b>Approved by:</b><br>Technical Manager |
| <b>Test Report S/N:</b><br>1M2512010100-05-R1.A3L | <b>Test Dates:</b><br>11/3/2025 - 12/18/2025 | <b>EUT Type:</b><br>Portable Handset | Page 140 of 165                          |

## LTE Band 26/5 – Ant1

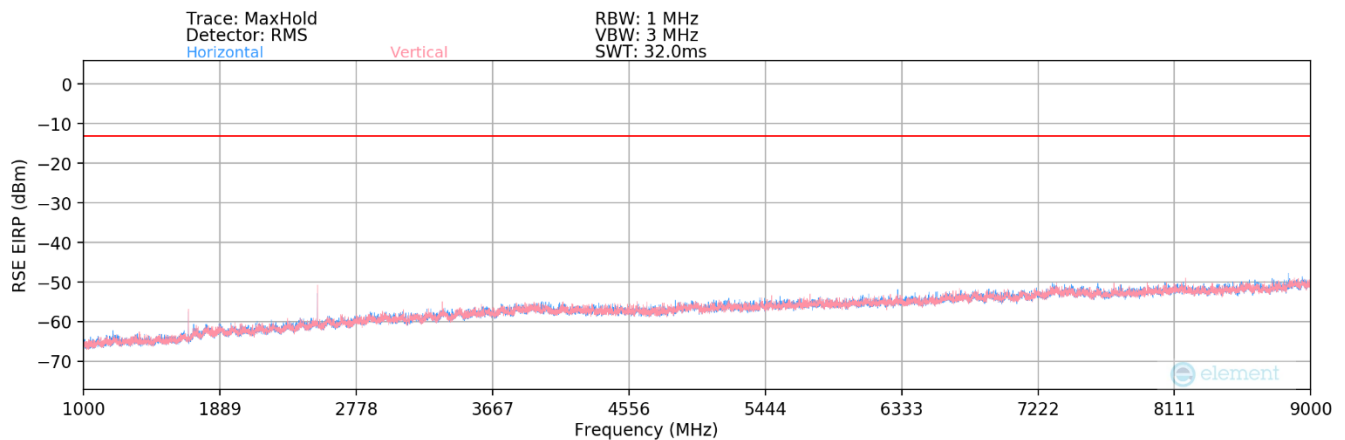


Plot 7-187. Radiated Spurious Plot (LTE Band 26/5 – Ant1)

|                  |        |
|------------------|--------|
| Bandwidth (MHz): | 15     |
| Frequency (MHz): | 836.5  |
| RB / Offset:     | 1 / 37 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | ERP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|-----------------------------------|-------------|-------------|
| 545.49          | V               | -                   | -                          | -78.91               | 25.56       | 53.65                   | -43.76                            | -13.00      | -30.76      |
| 933.47          | V               | -                   | -                          | -81.91               | 30.87       | 55.96                   | -41.45                            | -13.00      | -28.45      |

Table 7-22. Radiated Spurious Data (LTE Band 26/5 – Mid Channel – Ant1)



Plot 7-188. Radiated Spurious Plot (LTE Band 26/5 – Ant1)

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
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|                  |        |
|------------------|--------|
| Bandwidth (MHz): | 15     |
| Frequency (MHz): | 831.5  |
| RB / Offset:     | 1 / 37 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 1663.00         | V               | 118                 | 310                        | -72.98               | -7.47       | 26.55                   | -68.71                             | -13.00      | -55.71      |
| 2494.50         | V               | 100                 | 228                        | -56.43               | -3.83       | 46.74                   | -48.51                             | -13.00      | -35.51      |
| 3326.00         | V               | -                   | -                          | -75.79               | -0.50       | 30.71                   | -64.54                             | -13.00      | -51.54      |
| 4157.50         | V               | -                   | -                          | -76.89               | 1.28        | 31.39                   | -63.87                             | -13.00      | -50.87      |
| 4989.00         | V               | -                   | -                          | -77.34               | 2.30        | 31.96                   | -63.30                             | -13.00      | -50.30      |
| 5820.50         | V               | -                   | -                          | -78.02               | 3.64        | 32.62                   | -62.64                             | -13.00      | -49.64      |

**Table 7-23. Radiated Spurious Data (LTE Band 26/5 – Low Channel – Ant1)**

|                  |        |
|------------------|--------|
| Bandwidth (MHz): | 15     |
| Frequency (MHz): | 836.5  |
| RB / Offset:     | 1 / 37 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 1673.00         | V               | 124                 | 324                        | -68.98               | -7.37       | 30.65                   | -64.61                             | -13.00      | -51.61      |
| 2509.50         | V               | 114                 | 229                        | -56.78               | -3.74       | 46.48                   | -48.78                             | -13.00      | -35.78      |
| 3346.00         | V               | -                   | -                          | -75.10               | -0.39       | 31.51                   | -63.75                             | -13.00      | -50.75      |
| 4182.50         | V               | -                   | -                          | -77.24               | 1.11        | 30.87                   | -64.39                             | -13.00      | -51.39      |
| 5019.00         | V               | -                   | -                          | -77.35               | 2.26        | 31.91                   | -63.35                             | -13.00      | -50.35      |
| 5855.50         | V               | -                   | -                          | -77.89               | 3.51        | 32.62                   | -62.64                             | -13.00      | -49.64      |

**Table 7-24. Radiated Spurious Data (LTE Band 26/5 – Mid Channel – Ant1)**

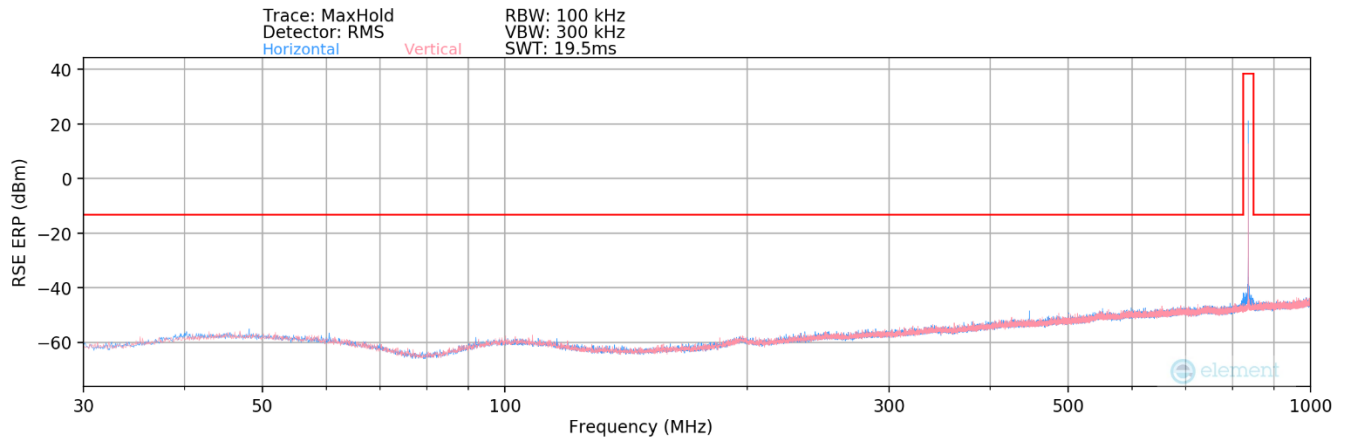
|                  |        |
|------------------|--------|
| Bandwidth (MHz): | 15     |
| Frequency (MHz): | 841.5  |
| RB / Offset:     | 1 / 37 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 1683.00         | V               | 139                 | 339                        | -64.02               | -7.28       | 35.70                   | -59.55                             | -13.00      | -46.55      |
| 2524.50         | V               | 111                 | 228                        | -55.50               | -3.43       | 48.07                   | -47.18                             | -13.00      | -34.18      |
| 3366.00         | V               | -                   | -                          | -76.72               | 0.02        | 30.30                   | -64.96                             | -13.00      | -51.96      |
| 4207.50         | V               | -                   | -                          | -76.80               | 1.05        | 31.25                   | -64.01                             | -13.00      | -51.01      |
| 5049.00         | V               | -                   | -                          | -77.49               | 2.46        | 31.97                   | -63.29                             | -13.00      | -50.29      |
| 5890.50         | V               | -                   | -                          | -77.23               | 3.16        | 32.93                   | -62.33                             | -13.00      | -49.33      |

**Table 7-25. Radiated Spurious Data (LTE Band 26/5 – High Channel – Ant1)**

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
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## NR Band n5 – Ant1

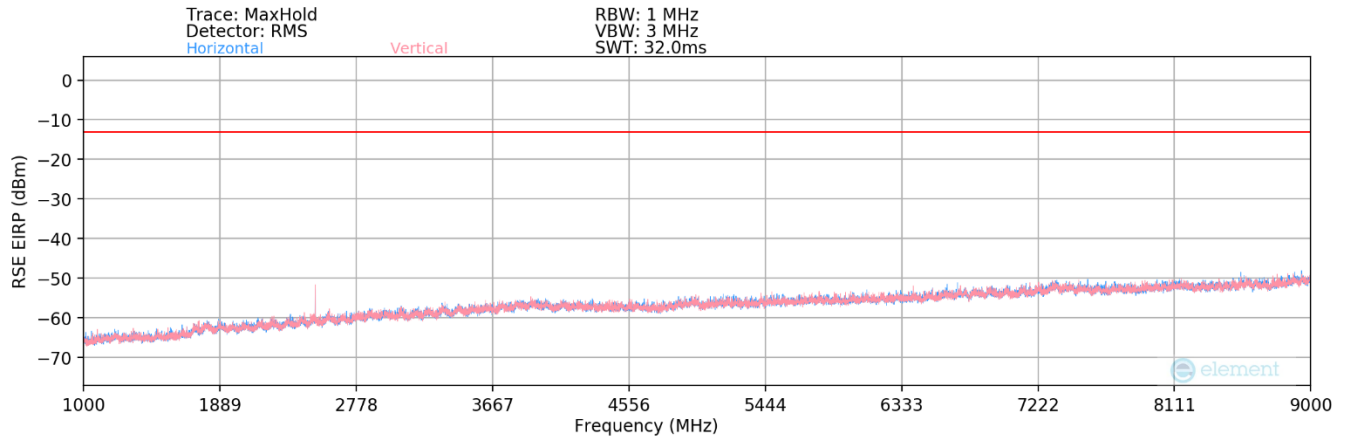


Plot 7-189. Radiated Spurious Plot (NR Band n5 – Ant1)

|                  |        |
|------------------|--------|
| Bandwidth (MHz): | 20     |
| Frequency (MHz): | 836.5  |
| RB / Offset:     | 1 / 53 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | ERP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|-----------------------------------|-------------|-------------|
| 642.59          | V               | -                   | -                          | -79.10               | 27.14       | 55.04                   | -42.36                            | -13.00      | -29.36      |
| 933.57          | V               | -                   | -                          | -81.42               | 30.87       | 56.45                   | -40.96                            | -13.00      | -27.96      |

Table 7-26. Radiated Spurious Data (NR Band n5 – Mid Channel – Ant1)



Plot 7-190. Radiated Spurious Plot (NR Band n5 – Ant1)

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 143 of 165                   |

|                  |        |
|------------------|--------|
| Bandwidth (MHz): | 20     |
| Frequency (MHz): | 834    |
| RB / Offset:     | 1 / 53 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 1668.00         | V               | 134                 | 318                        | -74.82               | -7.42       | 24.76                   | -70.50                             | -13.00      | -57.50      |
| 2502.00         | V               | 113                 | 243                        | -67.90               | -3.87       | 35.23                   | -60.03                             | -13.00      | -47.03      |
| 3336.00         | V               | -                   | -                          | -75.93               | -0.44       | 30.63                   | -64.63                             | -13.00      | -51.63      |
| 4170.00         | V               | -                   | -                          | -77.41               | 1.13        | 30.72                   | -64.54                             | -13.00      | -51.54      |
| 5004.00         | V               | -                   | -                          | -76.12               | 2.16        | 33.04                   | -62.22                             | -13.00      | -49.22      |
| 5838.00         | V               | -                   | -                          | -77.62               | 3.41        | 32.79                   | -62.46                             | -13.00      | -49.46      |

**Table 7-27. Radiated Spurious Data (NR Band n5 – Low Channel – Ant1)**

|                  |        |
|------------------|--------|
| Bandwidth (MHz): | 20     |
| Frequency (MHz): | 836.5  |
| RB / Offset:     | 1 / 53 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 1673.00         | V               | 110                 | 325                        | -72.17               | -7.37       | 27.46                   | -67.80                             | -13.00      | -54.80      |
| 2509.50         | V               | 115                 | 234                        | -65.20               | -3.74       | 38.06                   | -57.20                             | -13.00      | -44.20      |
| 3346.00         | V               | -                   | -                          | -76.12               | -0.39       | 30.49                   | -64.77                             | -13.00      | -51.77      |
| 4182.50         | V               | -                   | -                          | -77.32               | 1.11        | 30.79                   | -64.47                             | -13.00      | -51.47      |
| 5019.00         | V               | -                   | -                          | -77.43               | 2.26        | 31.83                   | -63.43                             | -13.00      | -50.43      |
| 5855.50         | V               | -                   | -                          | -77.78               | 3.51        | 32.73                   | -62.53                             | -13.00      | -49.53      |

**Table 7-28. Radiated Spurious Data (NR Band n5 – Mid Channel – Ant1)**

|                  |        |
|------------------|--------|
| Bandwidth (MHz): | 20     |
| Frequency (MHz): | 839    |
| RB / Offset:     | 1 / 53 |

| Frequency [MHz] | Ant. Pol. [H/V] | Antenna Height [cm] | Turntable Azimuth [degree] | Analyzer Level [dBm] | AFCL [dB/m] | Field Strength [dBμV/m] | EIRP Spurious Emission Level [dBm] | Limit [dBm] | Margin [dB] |
|-----------------|-----------------|---------------------|----------------------------|----------------------|-------------|-------------------------|------------------------------------|-------------|-------------|
| 1678.00         | V               | 125                 | 325                        | -68.53               | -7.32       | 31.15                   | -64.11                             | -13.00      | -51.11      |
| 2517.00         | V               | 114                 | 240                        | -68.63               | -3.59       | 34.78                   | -60.48                             | -13.00      | -47.48      |
| 3356.00         | V               | -                   | -                          | -76.51               | -0.21       | 30.28                   | -64.98                             | -13.00      | -51.98      |
| 4195.00         | V               | -                   | -                          | -76.98               | 1.23        | 31.25                   | -64.01                             | -13.00      | -51.01      |
| 5034.00         | V               | -                   | -                          | -77.35               | 2.45        | 32.10                   | -63.16                             | -13.00      | -50.16      |
| 5873.00         | V               | -                   | -                          | -77.42               | 3.20        | 32.78                   | -62.48                             | -13.00      | -49.48      |

**Table 7-29. Radiated Spurious Data (NR Band n5 – High Channel – Ant1)**

|                                            |                                       |                               |                                   |
|--------------------------------------------|---------------------------------------|-------------------------------|-----------------------------------|
| FCC ID: A3LSMA576JPN                       | PART 22 MEASUREMENT REPORT            |                               | Approved by:<br>Technical Manager |
| Test Report S/N:<br>1M2512010100-05-R1.A3L | Test Dates:<br>11/3/2025 - 12/18/2025 | EUT Type:<br>Portable Handset | Page 144 of 165                   |