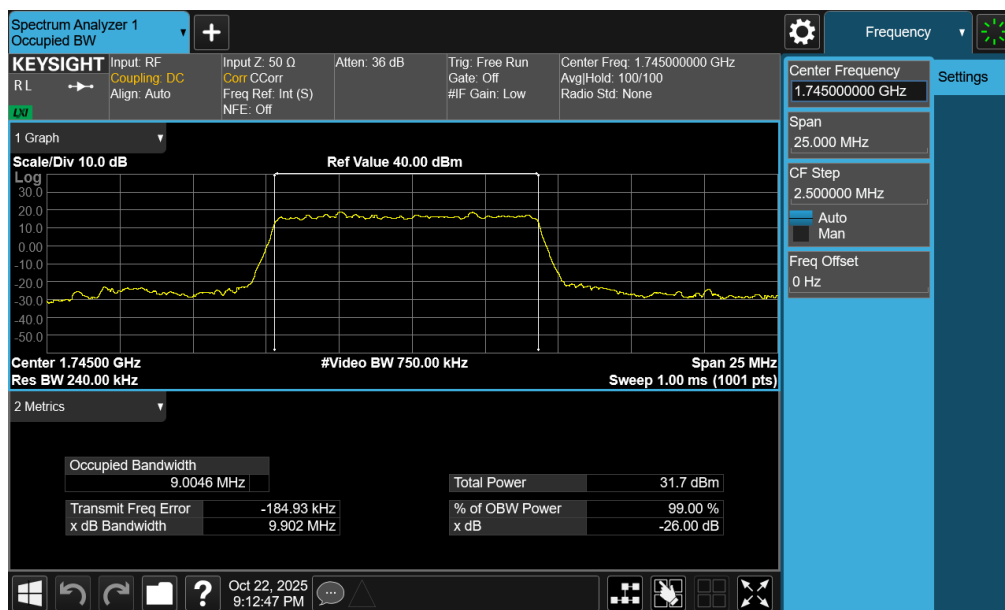
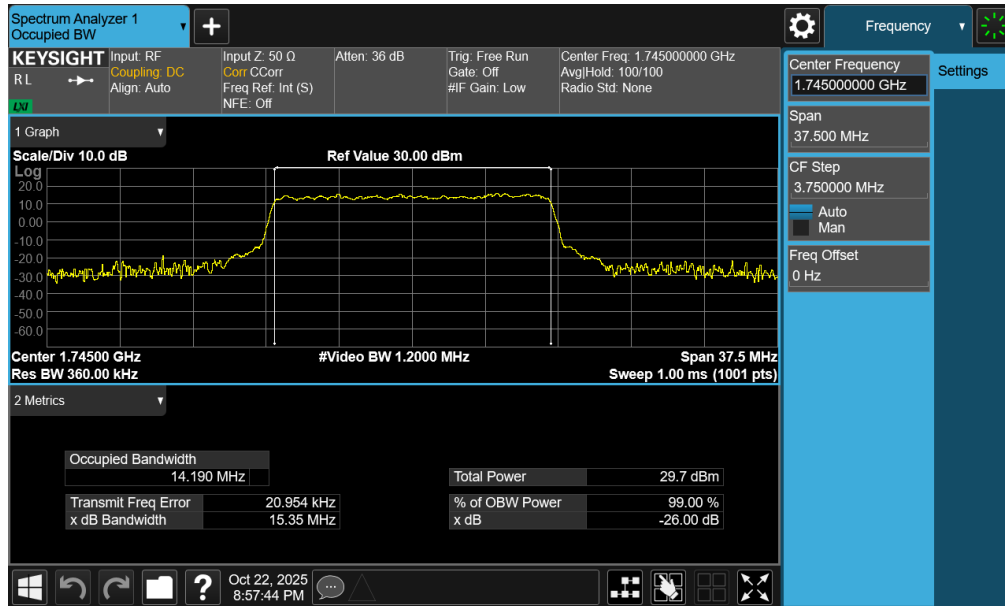
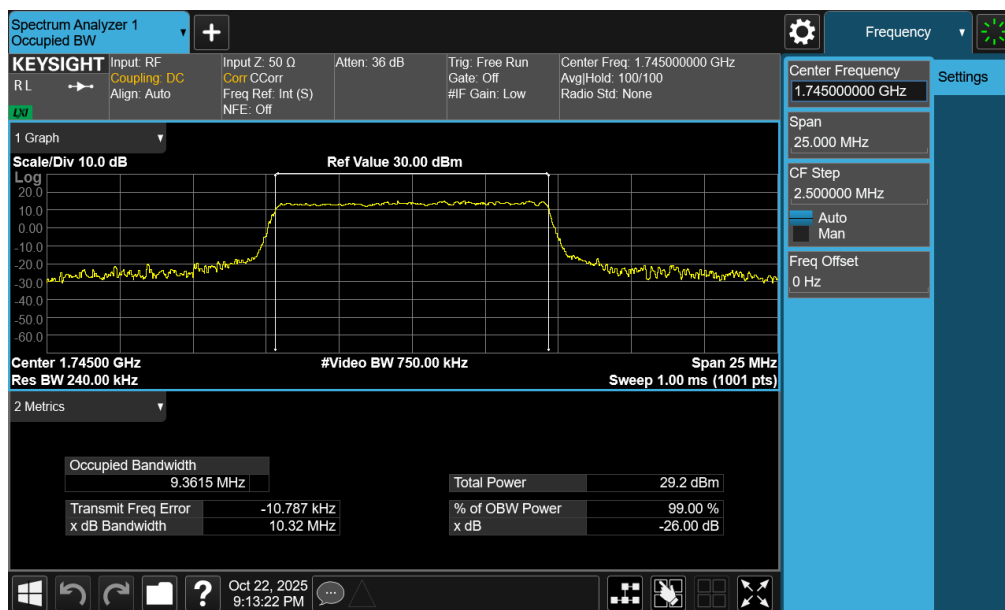
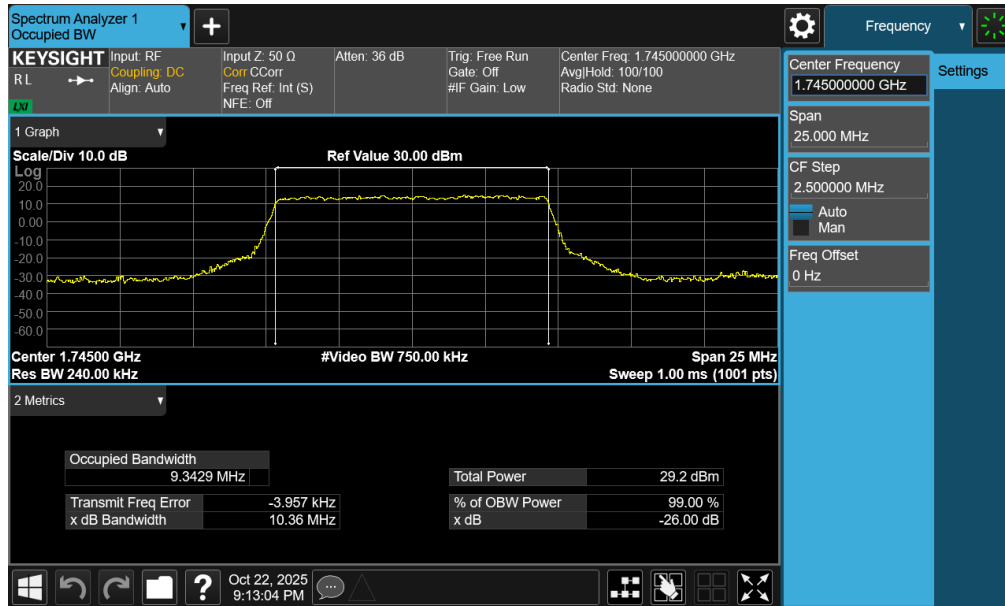
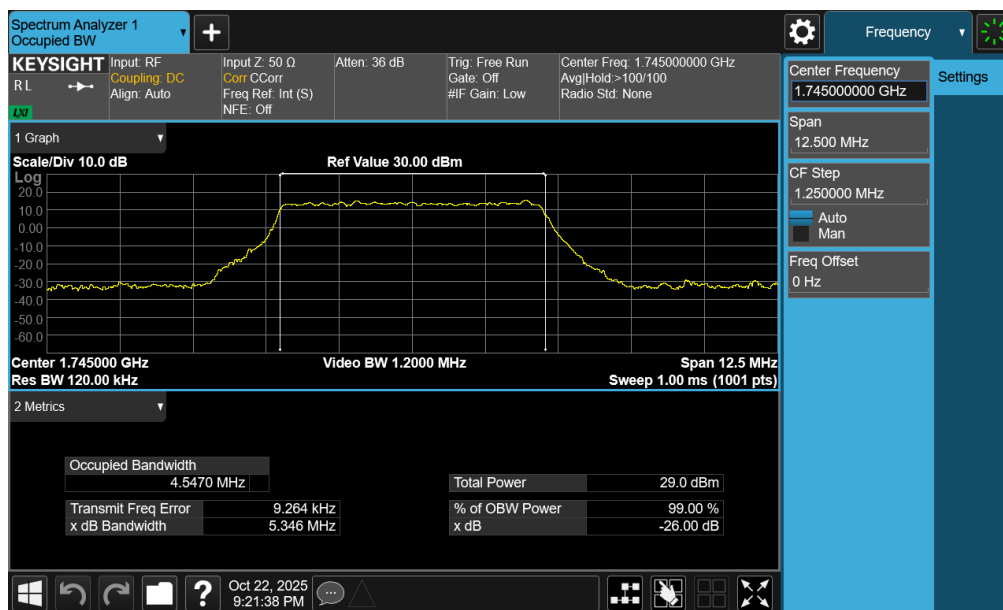
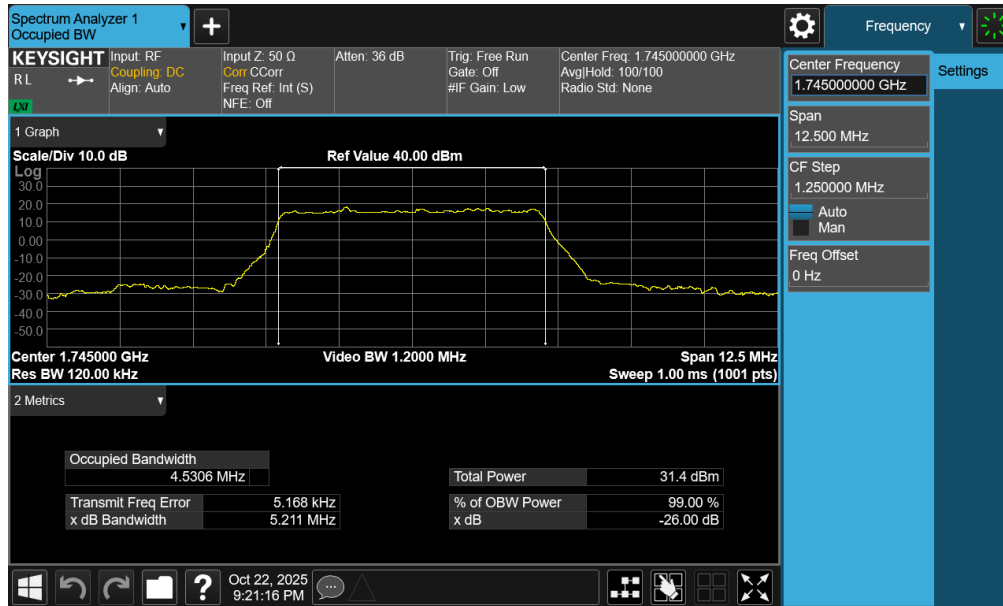




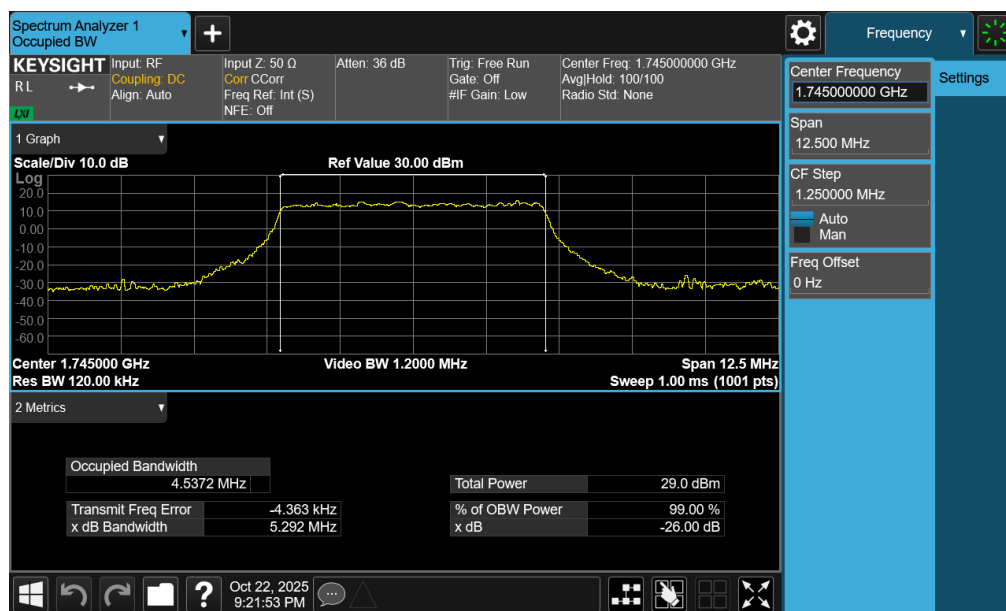
FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 68 of 156



FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04-A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 69 of 156



FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04-A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 70 of 156



Plot 7-90. Occupied Bandwidth Plot (NR Band n66 - 5.0MHz CP-OFDM 16QAM - Full RB – ANT2)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 71 of 156

7.4 Spurious and Harmonic Emissions at Antenna Terminal

Test Overview

The level of the carrier and the various conducted spurious and harmonic frequencies is measured by means of a calibrated spectrum analyzer. The spectrum is scanned from the lowest frequency generated in the equipment up to a frequency including its 10th harmonic. All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at maximum power, and at the appropriate frequencies. All data rates 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.

The minimum permissible attenuation level of any spurious emission is $43 + 10 \log_{10}(P_{[Watts]})$, where P is the transmitter power in Watts.

Test Procedure Used

ANSI C63.26-2015 – Section 5.7.4

Test Settings

1. Start frequency was set to 30MHz and stop frequency was set to 18GHz (separated into at least two plots per channel)
2. RBW $\geq$ 100kHz
3. VBW $\geq$ 3 x RBW
4. Detector = RMS
5. Trace mode = max hold
6. Sweep time = auto couple
7. The trace was allowed to stabilize

Test Setup

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

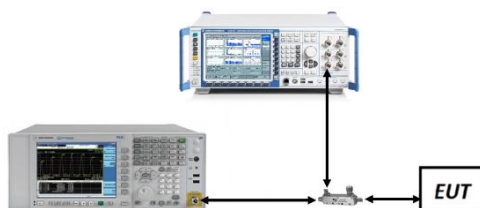


Figure 7-3. Test Instrument & Measurement Setup

Test Notes

1. Per Part 27 and RSS-139, compliance with the applicable limits is based on the use of measurement instrumentation employing a resolution bandwidth 100 kHz or greater for measurements below 1GHz.
2. 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.

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 72 of 156

Mode	Bandwidth	Channel	Range [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]
LTE Band 12	10 MHz	Low	30.0 - 697.9	-62.00	-13	-49.00
		Low	716.0 - 1000.0	-64.79	-13	-51.79
		Low	1000.0 - 10000.0	-38.34	-13	-25.34
		Mid	30.0 - 698.0	-64.36	-13	-51.36
		Mid	716.0 - 1000.0	-65.14	-13	-52.14
		Mid	1000.0 - 10000.0	-38.82	-13	-25.82
		High	30.0 - 697.9	-62.75	-13	-49.75
		High	716.1 - 1000.0	-61.60	-13	-48.60
		High	1000.0 - 10000.0	-38.71	-13	-25.71
LTE Band 13	10 MHz	Mid	30.0 - 777.0	-64.62	-35	-29.62
		Mid	787.0 - 1000.0	-64.58	-13	-51.58
		Mid	1000.0 - 20000.0	-38.77	-13	-25.77

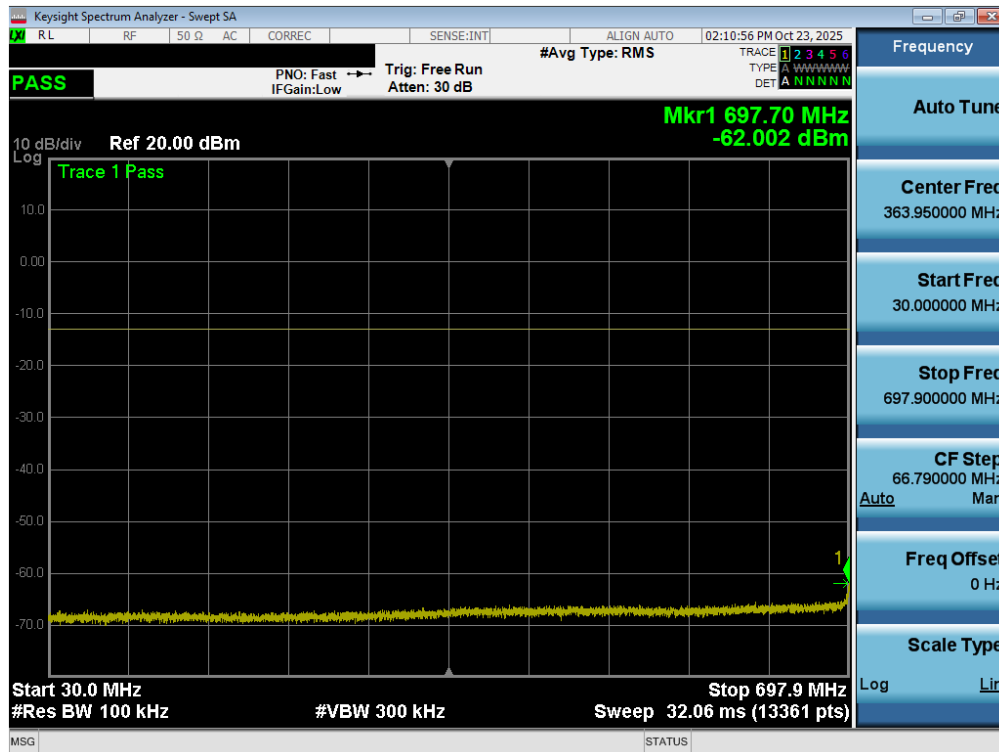
Table 7-9. Conducted Spurious Emissions Results – Ant1

Mode	Bandwidth	Channel	Range [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]
LTE-B66-4	20 MHz	Low	30.0 - 663.0	-52.15	-13	-39.15
		Low	698.0 - 1000.0	-47.63	-13	-34.63
		Low	1000.0 - 10000.0	-62.12	-13	-49.12
		Mid	30.0 - 663.0	-53.14	-13	-40.14
		Mid	698.0 - 1000.0	-47.58	-13	-34.58
		Mid	1000.0 - 10000.0	-62.03	-13	-49.03
		High	30.0 - 663.0	-53.35	-13	-40.35
		High	698.0 - 1000.0	-48.05	-13	-35.05
		High	1000.0 - 10000.0	-61.96	-13	-48.96
NR Band n66	45 MHz	Low	30.0 - 1710.0	-52.84	-13	-39.84
		Low	1780.0 - 10000.0	-47.52	-13	-34.52
		Low	10000.0 - 20000.0	-63.63	-13	-50.63
		Mid	30.0 - 1710.0	-53.68	-13	-40.68
		Mid	1780.0 - 10000.0	-47.63	-13	-34.63
		Mid	10000.0 - 20000.0	-63.77	-13	-50.77
		High	30.0 - 1710.0	-53.66	-13	-40.66
		High	1780.0 - 10000.0	-47.54	-13	-34.54
		High	10000.0 - 20000.0	-63.73	-13	-50.73

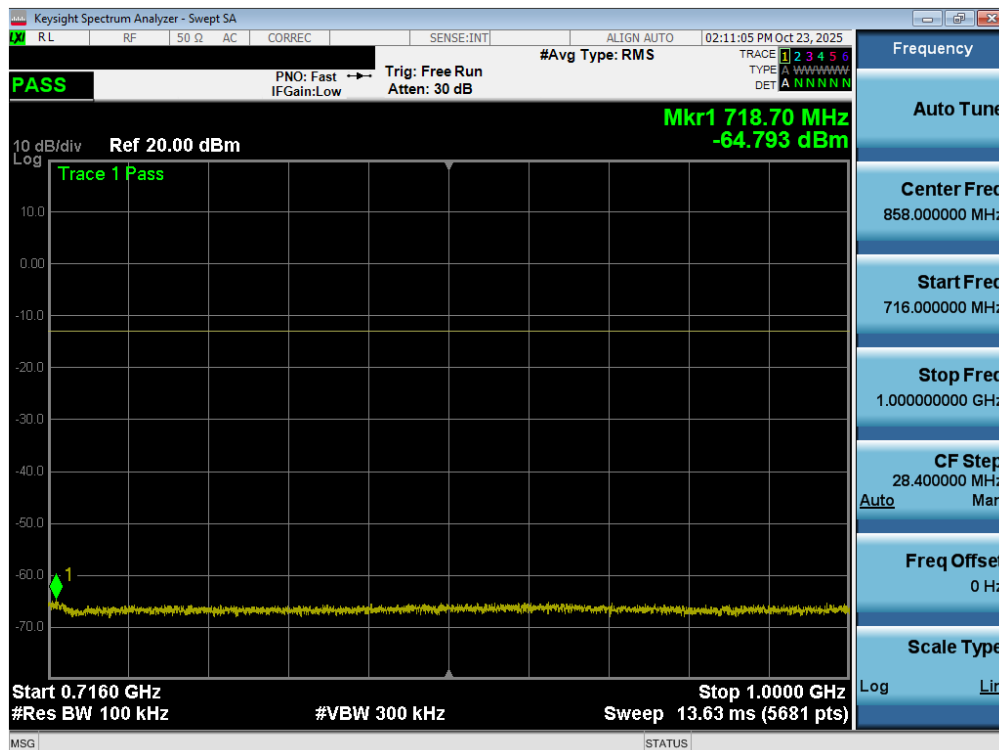
Table 7-10. Conducted Spurious Emissions Results – Ant1

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 73 of 156

LTE Band 12 – ANT1

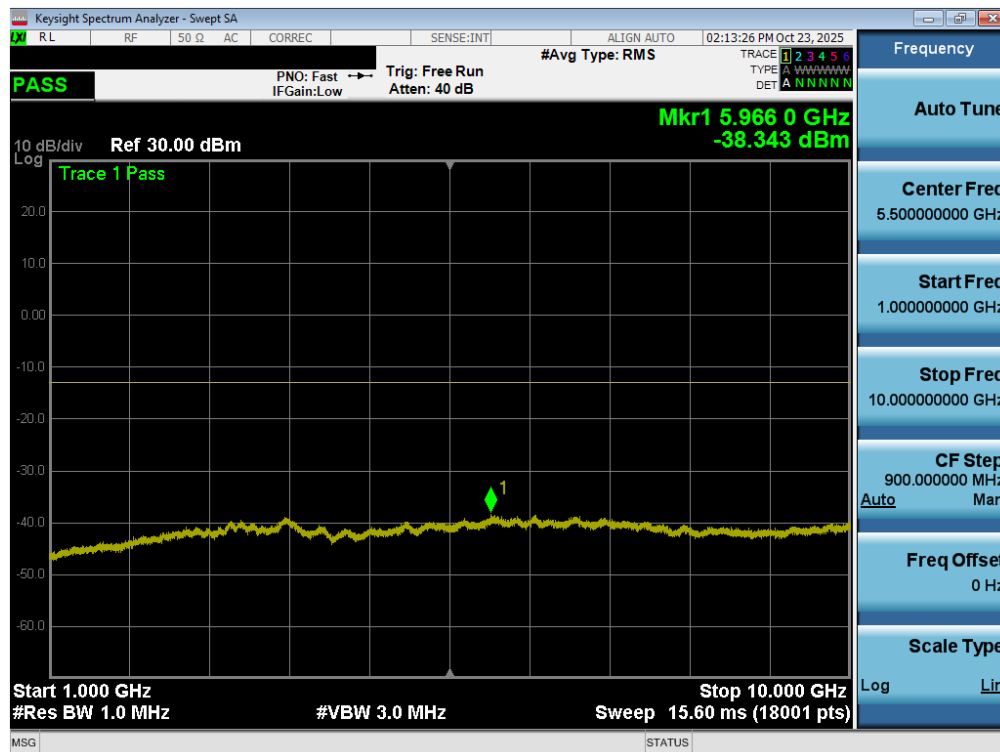


Plot 7-91. Conducted Spurious Plot (LTE Band 12 - 10MHz QPSK - 1 RB - Low Channel - ANT1)



Plot 7-92. Conducted Spurious Plot (LTE Band 12 - 10MHz QPSK - 1 RB - Low Channel - ANT1)

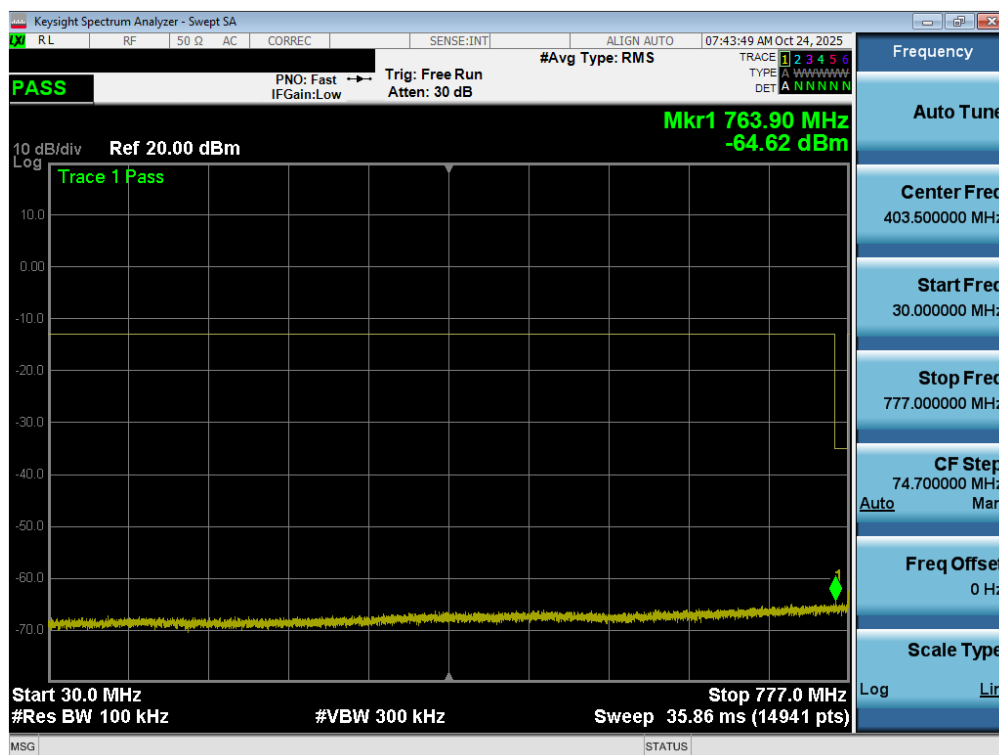
FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 74 of 156



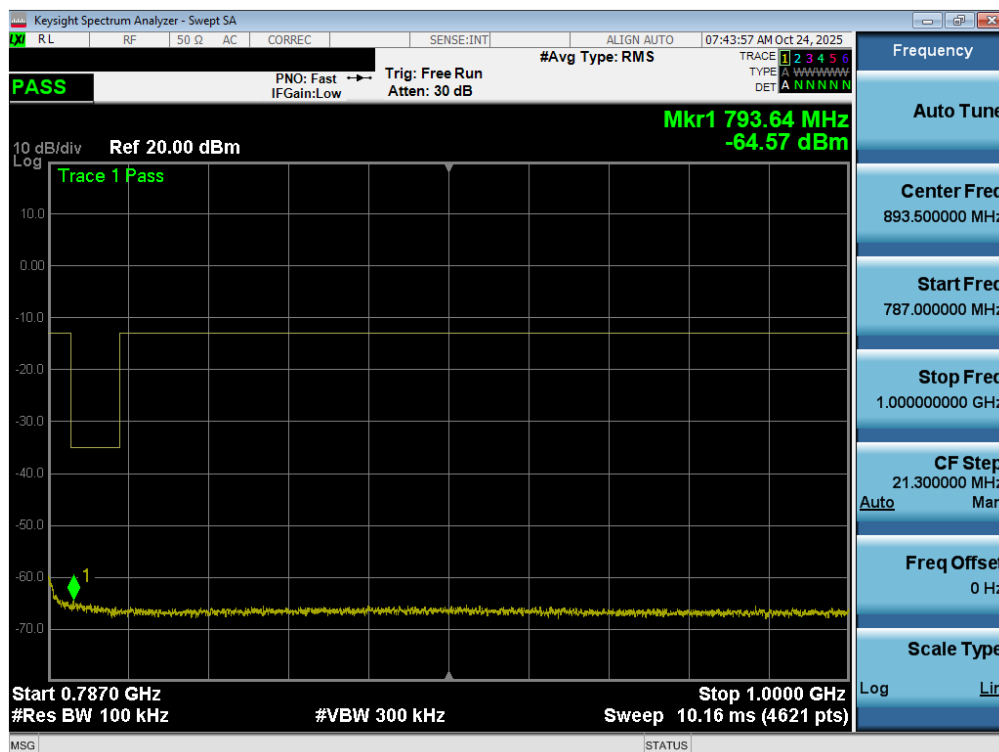
Plot 7-93. Conducted Spurious Plot (LTE Band 12 - 10MHz QPSK - 1 RB - Low Channel - ANT1)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 75 of 156

LTE Band 13 – ANT1

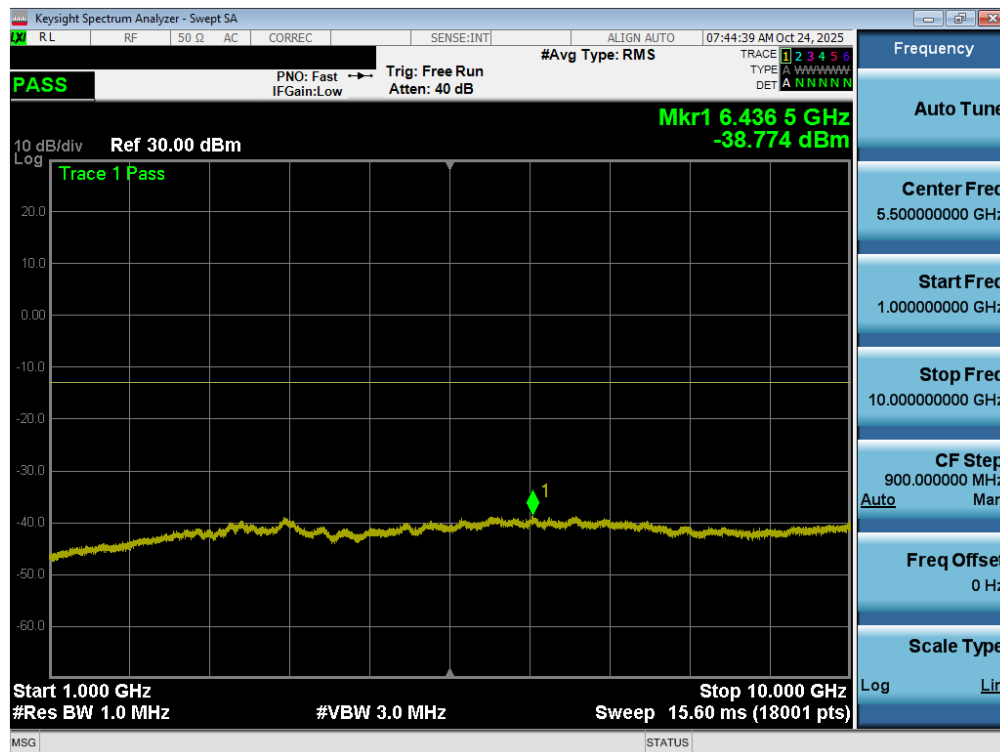


Plot 7-94. Conducted Spurious Plot (LTE Band 13 - 10MHz QPSK - 1 RB)



Plot 7-95. Conducted Spurious Plot (LTE Band 13 - 10MHz QPSK - 1 RB)

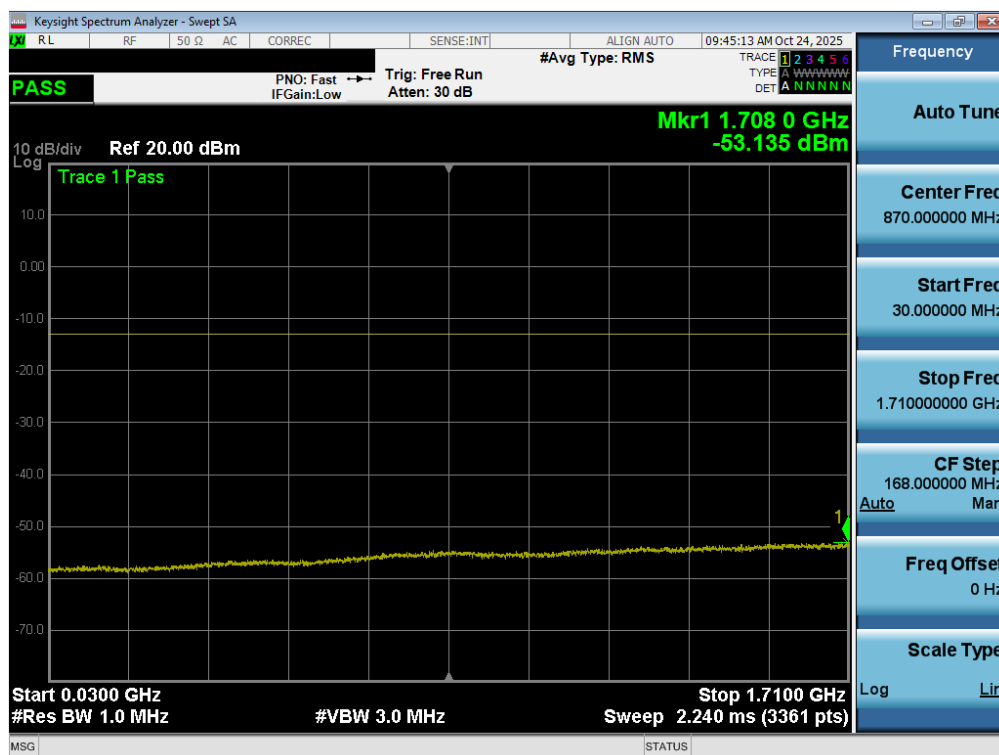
FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 76 of 156



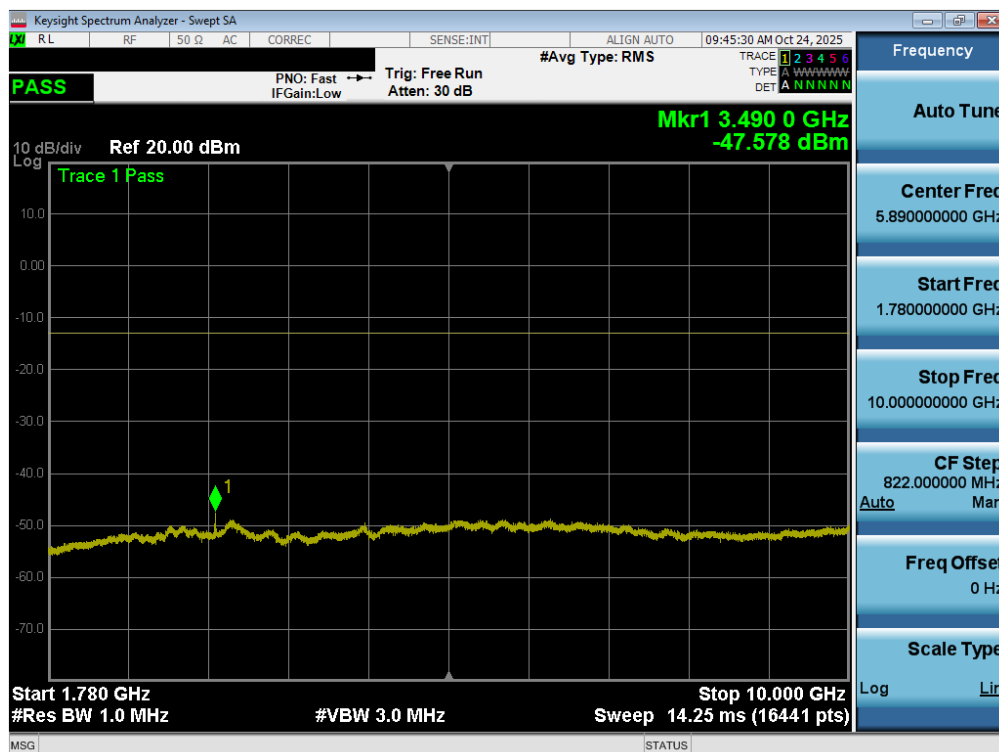
Plot 7-96. Conducted Spurious Plot (LTE Band 13 - 10MHz QPSK - 1 RB)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 77 of 156

LTE Band 66/4 – ANT1



Plot 7-97. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - 1 RB – Mid Channel)



Plot 7-98. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - 1 RB – Mid Channel)

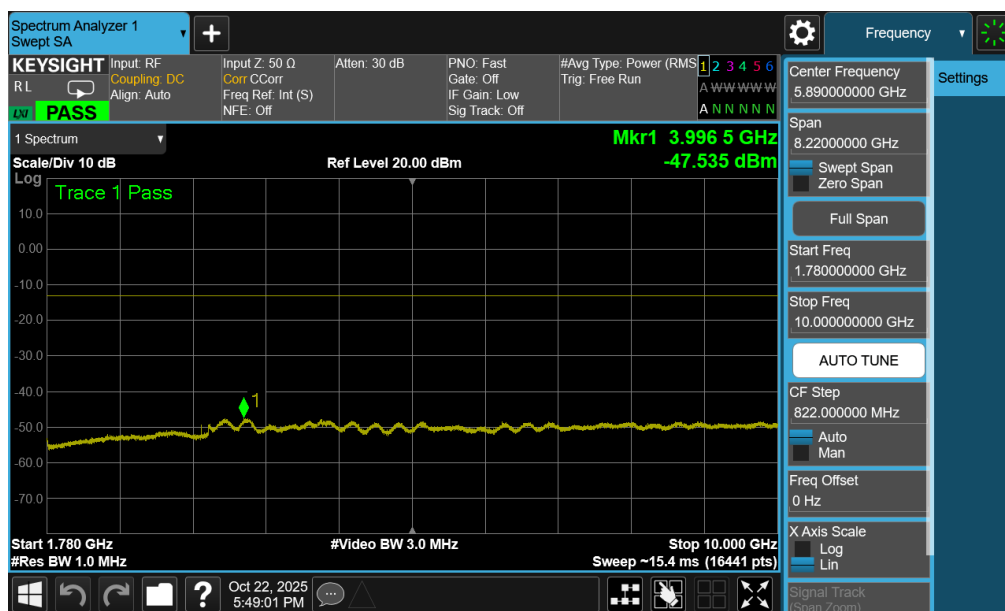
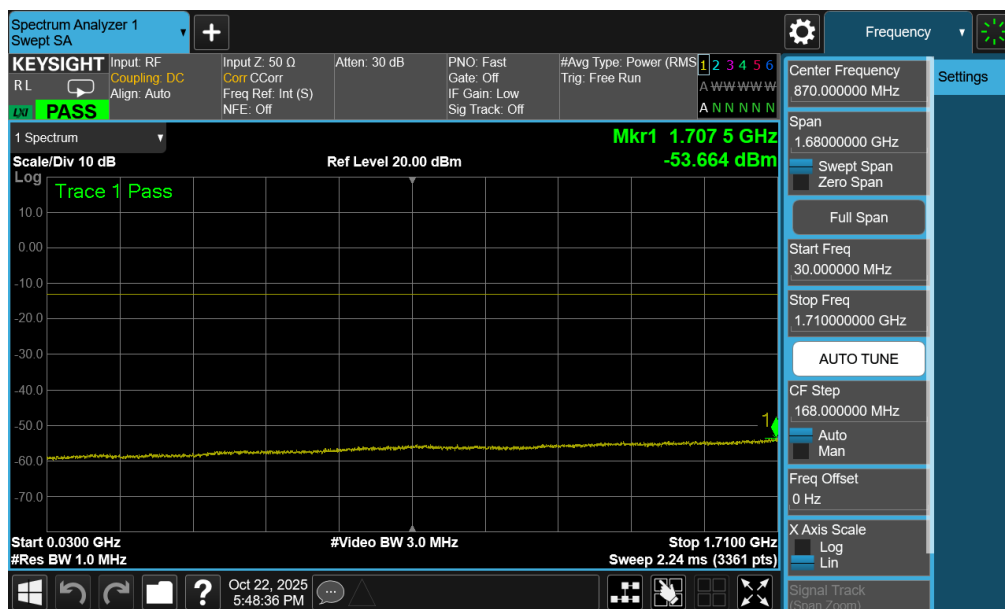
FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 78 of 156



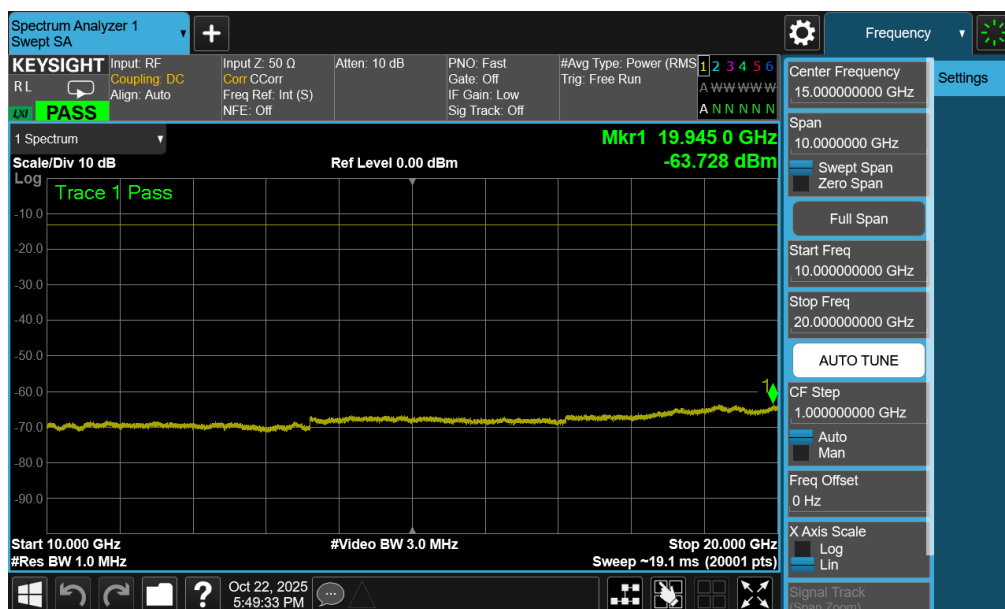
Plot 7-99. Conducted Spurious Plot (LTE Band 66/4 - 20MHz QPSK - 1 RB – Mid Channel)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 79 of 156

NR Band n66 – ANT1



FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 80 of 156



Plot 7-102. Conducted Spurious Plot (NR Band n66 - 45.0MHz - 1 RB - High Channel - ANT1)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 81 of 156

Mode	Bandwidth	Channel	Range [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]
LTE Band 12	10 MHz	Low	30.0 - 697.9	-63.00	-13	-50.00
		Low	716.0 - 1000.0	-65.06	-13	-52.06
		Low	1000.0 - 10000.0	-38.70	-13	-25.70
		Mid	30.0 - 698.0	-64.30	-13	-51.30
		Mid	716.0 - 1000.0	-64.68	-13	-51.68
		Mid	1000.0 - 10000.0	-38.68	-13	-25.68
		High	30.0 - 697.9	-64.55	-13	-51.55
		High	716.1 - 1000.0	-61.52	-13	-48.52
		High	1000.0 - 10000.0	-38.65	-13	-25.65
LTE Band 13	10 MHz	Mid	30.0 - 777.0	-64.80	-35	-29.80
		Mid	787.0 - 1000.0	-64.97	-13	-51.97
		Mid	1000.0 - 20000.0	-38.63	-13	-25.63

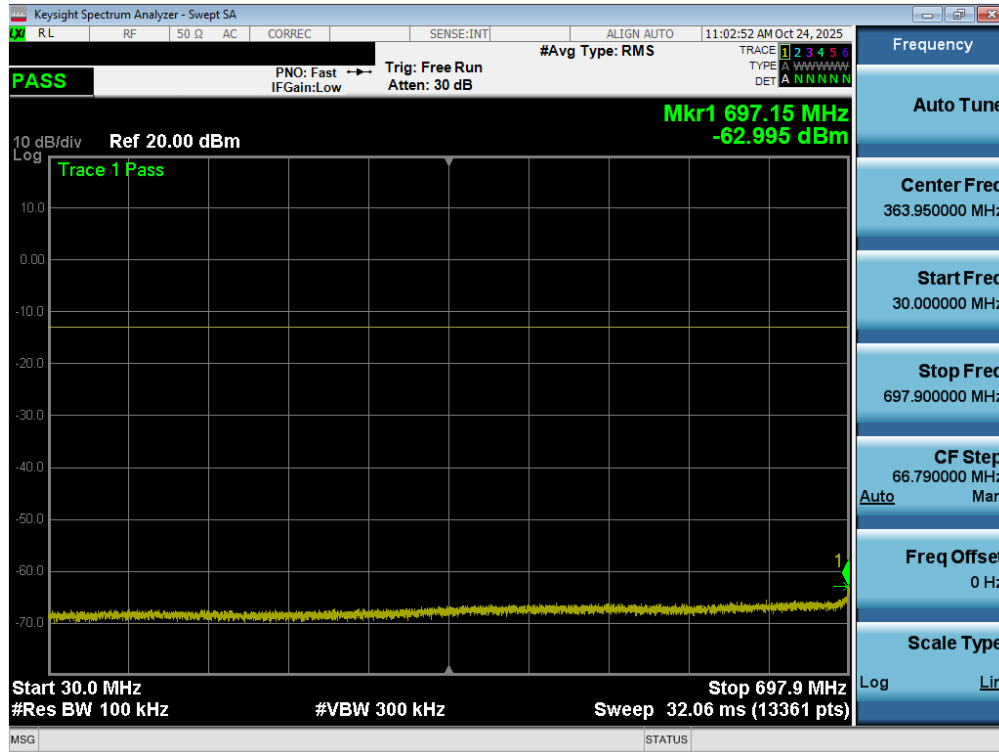
Table 7-11. Conducted Spurious Emissions Results – Ant2

Mode	Bandwidth	Channel	Range [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]
NR Band n66	45 MHz	Low	30.0 - 1710.0	-53.03	-13	-40.03
		Low	1780.0 - 10000.0	-47.51	-13	-34.51
		Low	10000.0 - 20000.0	-63.64	-13	-50.64
		Mid	30.0 - 1710.0	-53.73	-13	-40.73
		Mid	1780.0 - 10000.0	-47.23	-13	-34.23
		Mid	10000.0 - 20000.0	-63.65	-13	-50.65
		High	30.0 - 1710.0	-53.75	-13	-40.75
		High	1780.0 - 10000.0	-47.53	-13	-34.53
		High	10000.0 - 20000.0	-63.28	-13	-50.28

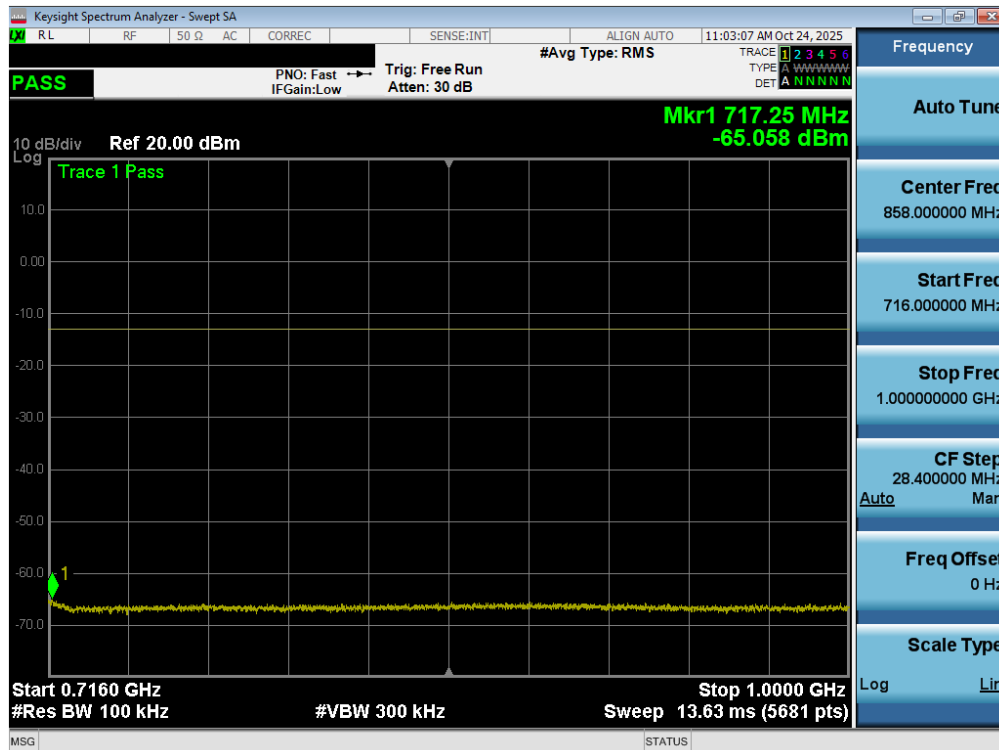
Table 7-12. Conducted Spurious Emissions Results – Ant2

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 82 of 156

LTE Band 12 – ANT2

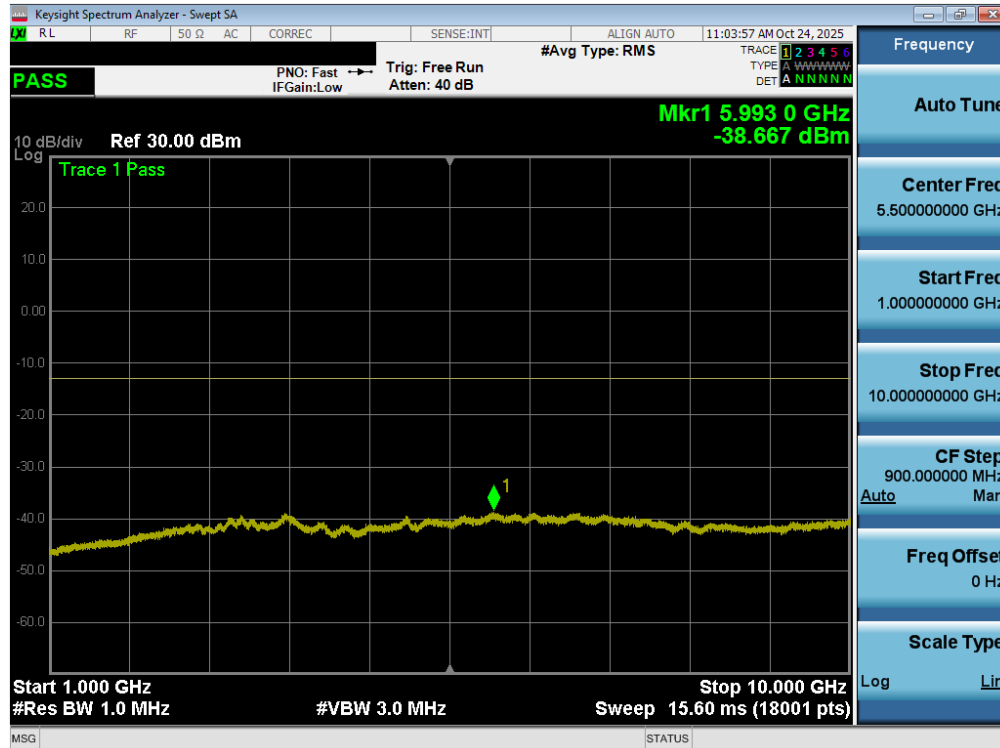


Plot 7-103. Conducted Spurious Plot (LTE Band 12 - 10MHz QPSK - 1 RB - Low Channel - ANT2)



Plot 7-104. Conducted Spurious Plot (LTE Band 12 - 10MHz QPSK - 1 RB - Low Channel - ANT2)

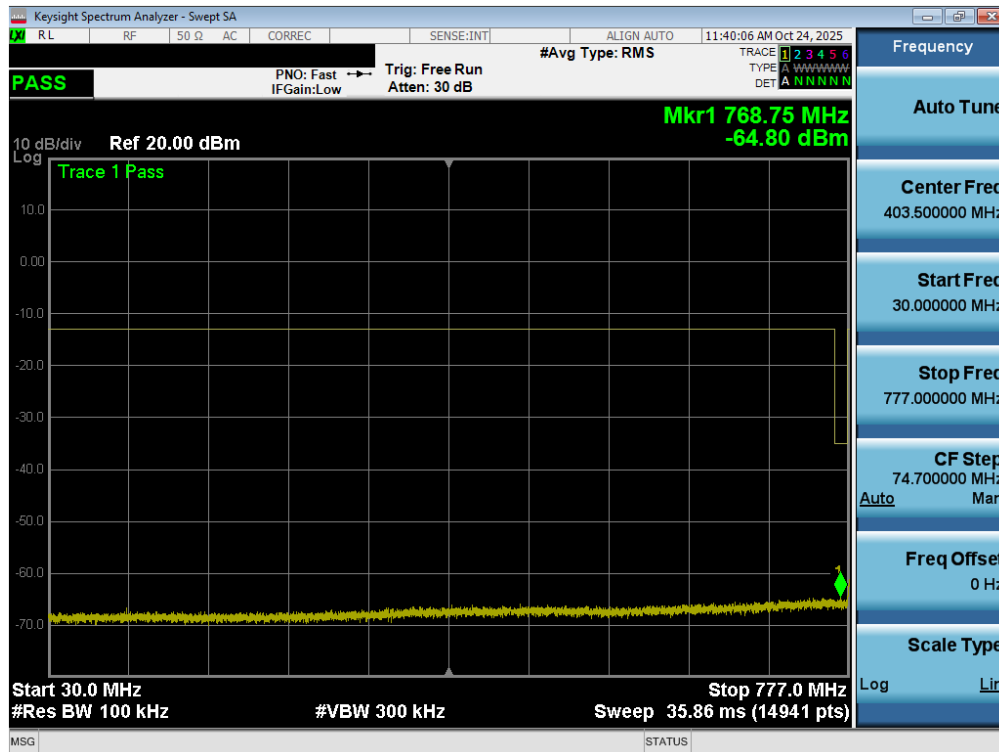
FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 83 of 156



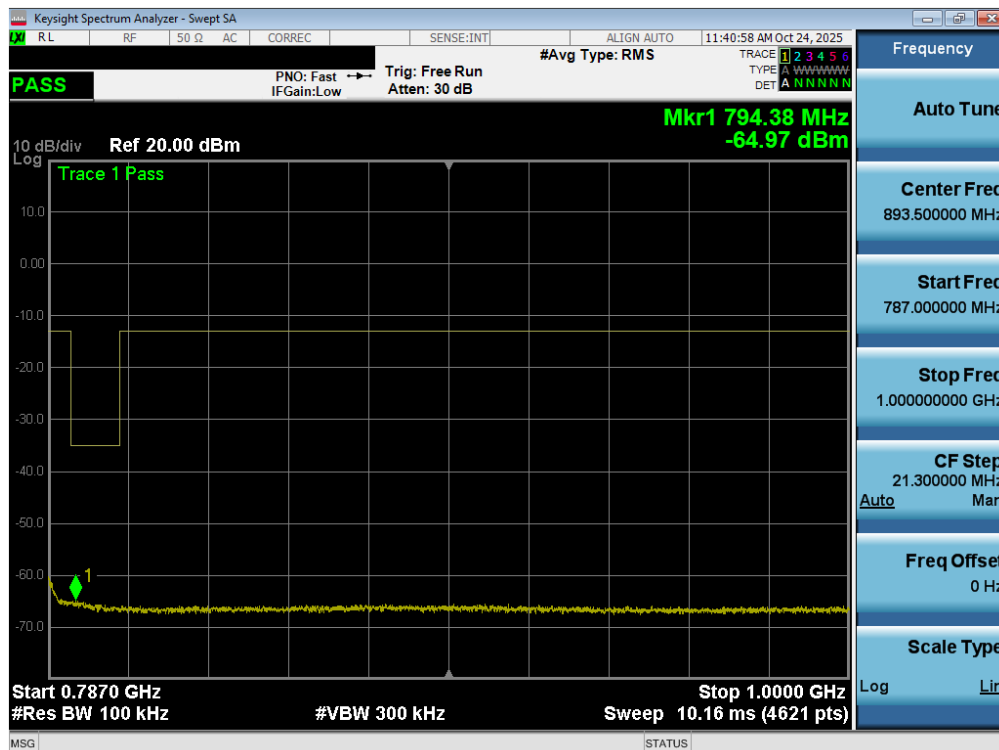
Plot 7-105. Conducted Spurious Plot (LTE Band 12 - 10MHz QPSK - 1 RB - Low Channel - ANT2)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 84 of 156

LTE Band 13 – ANT2

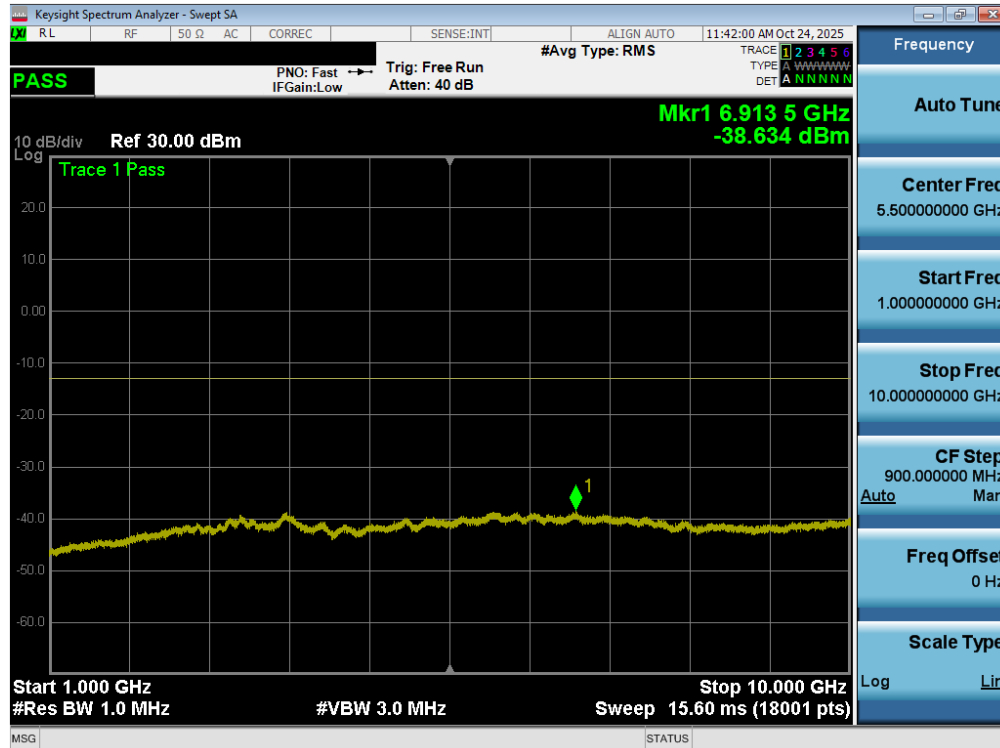


Plot 7-106. Conducted Spurious Plot (LTE Band 13 - 10MHz QPSK - 1 RB)



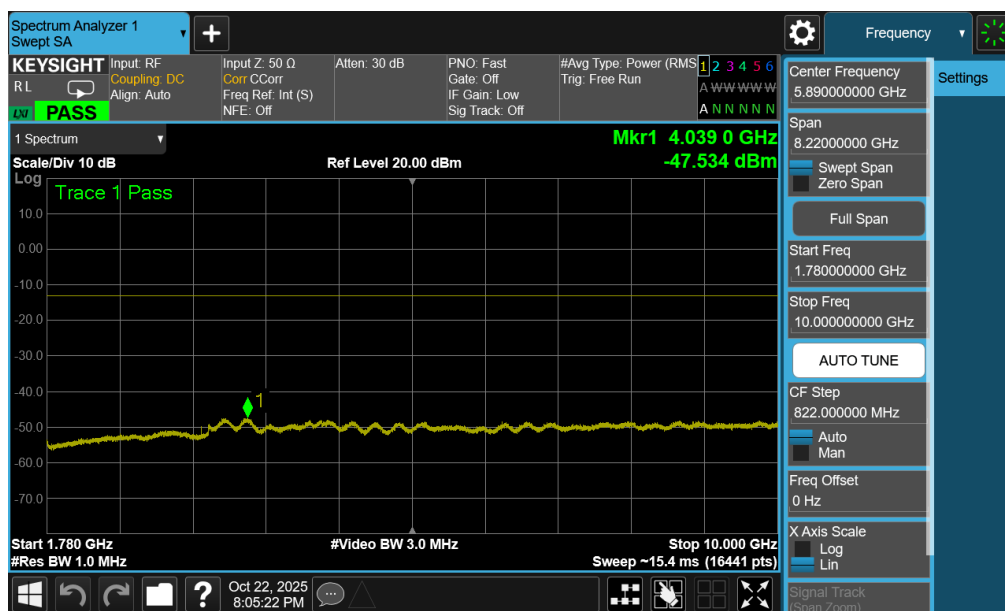
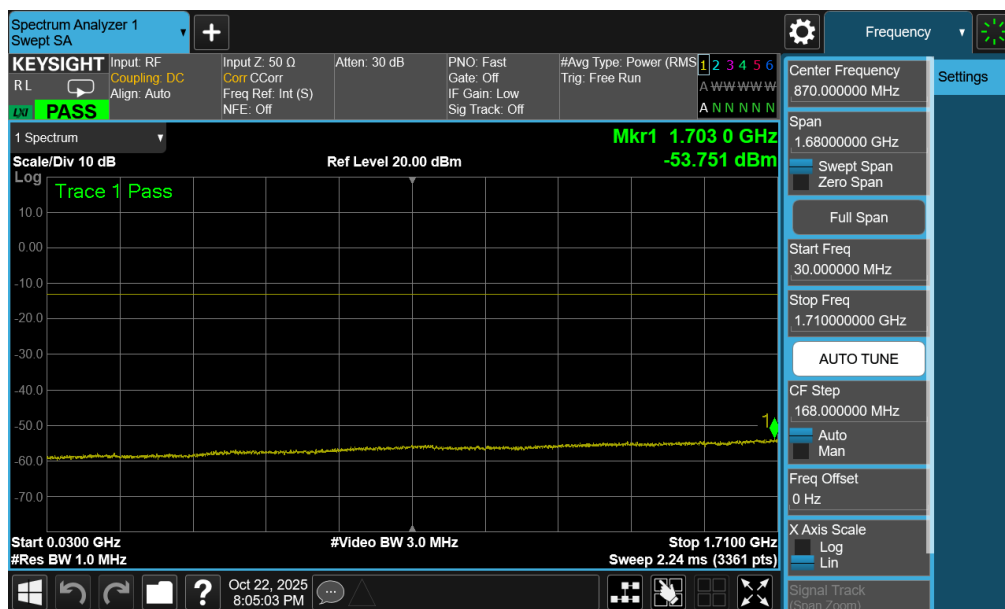
Plot 7-107. Conducted Spurious Plot (LTE Band 13 - 10MHz QPSK - 1 RB)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 85 of 156

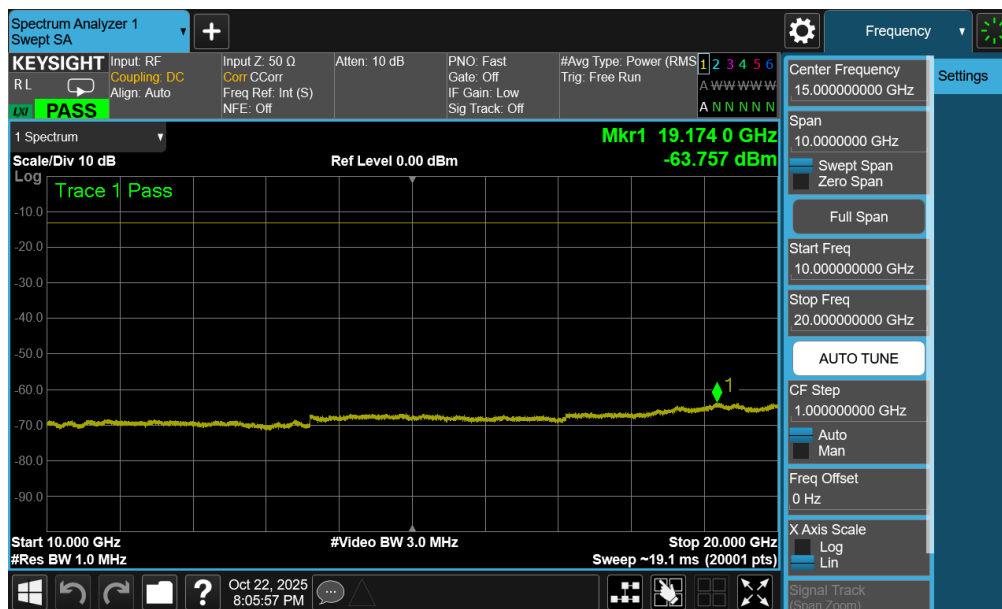


FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 86 of 156

NR Band n66 – ANT2



FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 87 of 156



Plot 7-111. Conducted Spurious Plot (NR Band n66 - 45.0MHz - 1 RB - High Channel - ANT2)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 88 of 156

7.5 Band Edge Emissions at Antenna Terminal

Test Overview

All out of band emissions are measured with a spectrum analyzer connected to the antenna terminal of the EUT while the EUT is operating at its maximum duty cycle, at maximum power, and at the appropriate frequencies. All data rates 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.

The minimum permissible attenuation level of any spurious emission is $43 + 10 \log_{10}(P_{\text{Watts}})$, where P is the transmitter power in Watts.

Test Procedure Used

ANSI C63.26-2015 – Section 5.7.3

Test Settings

1. Start and stop frequency were set such that the band edge would be placed in the center of the plot
2. Span was set large enough so as to capture all out of band emissions near the band edge
3. RBW $\geq 1\%$ of the emission bandwidth
4. VBW $\geq 3 \times$ RBW
5. Detector = RMS
6. Number of sweep points $\geq 2 \times$ Span/RBW
7. Trace mode = trace average for continuous emissions, max hold for pulse emissions
8. Sweep time = auto couple
9. The trace was allowed to stabilize

Test Setup

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

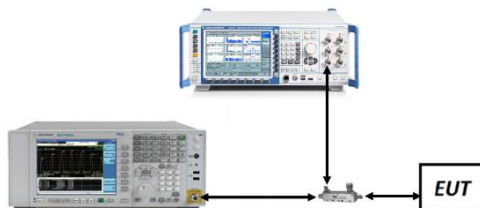


Figure 7-4. Test Instrument & Measurement Setup

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 89 of 156

Test Notes

1. Per 27.53(h) and RSS-139(5.6) for AWS band operation, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to demonstrate compliance with the out-of-band emissions limit. The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emission are attenuated at least 26 dB below the transmitter power.
2. Per 27.53(g) and RSS-130(4.7.1) for operations in the 663 - 698 MHz and 698 – 746MHz bands, in the 100 kHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least 30 kHz may be employed to demonstrate compliance with the out-of-band emissions limit.
3. Per 27.53(c)(5) and RSS-130(4.7.2) for operations in the 776-788 MHz band, in the 100 kHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least 30 kHz may be employed to demonstrate compliance with the out-of-band emissions limit.
4. For all plots showing emissions in the 763 – 775MHz and 793 – 805MHz band, the FCC and ISSED limit per 27.53(c)(4) and RSS-130(4.7.2) is $65 + 10 \log_{10}(P) = -35\text{dBm}$ in a 6.25kHz bandwidth.

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 90 of 156

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE Band 12	10 MHz	Low	Band Edge	-29.12	-13	-16.12
		High	Band Edge	-30.83	-13	-17.83
	5 MHz	Low	Band Edge	-20.71	-13	-7.71
		High	Band Edge	-25.83	-13	-12.83
	3 MHz	Low	Band Edge	-18.43	-13	-5.43
		High	Band Edge	-19.77	-13	-6.77
	1.4 MHz	Low	Band Edge	-14.71	-13	-1.71
		High	Band Edge	-16.26	-13	-3.26
LTE Band 13	10 MHz	Low	Band Edge	-28.28	-13	-15.28
		Low	Emission Mask	-63.40	-13	-50.40
		High	Band Edge	-25.59	-13	-12.59
		High	Emission Mask	-50.42	-13	-37.42
	5 MHz	Low	Band Edge	-23.06	-13	-10.06
		Low	Emission Mask	-57.98	-13	-44.98
		High	Band Edge	-21.95	-13	-8.95
		High	Emission Mask	-54.79	-13	-41.79

Table 7-13. Conducted Band Edge Results – Ant1

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 91 of 156

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE Band 66/4	20MHz	Low	Band Edge	-25.48	-13	-12.48
		Low	Extended	-24.24	-13	-11.24
		High (B4)	Band Edge	-26.09	-13	-13.09
		High (B4)	Extended	-23.99	-13	-10.99
		High (B66)	Band Edge	-25.73	-13	-12.73
		High (B66)	Extended	-23.91	-13	-10.91
	15MHz	Low	Band Edge	-25.40	-13	-12.40
		Low	Extended	-23.68	-13	-10.68
		High (B4)	Band Edge	-24.91	-13	-11.91
		High (B4)	Extended	-23.16	-13	-10.16
		High (B66)	Band Edge	-25.23	-13	-12.23
		High (B66)	Extended	-22.89	-13	-9.89
	10MHz	Low	Band Edge	-24.28	-13	-11.28
		Low	Extended	-21.64	-13	-8.64
		High (B4)	Band Edge	-24.76	-13	-11.76
		High (B4)	Extended	-21.09	-13	-8.09
		High (B66)	Band Edge	-24.18	-13	-11.18
		High (B66)	Extended	-21.33	-13	-8.33
	5MHz	Low	Band Edge	-22.57	-13	-9.57
		Low	Extended	-28.16	-13	-15.16
		High (B4)	Band Edge	-22.42	-13	-9.42
		High (B4)	Extended	-27.51	-13	-14.51
		High (B66)	Band Edge	-20.98	-13	-7.98
		High (B66)	Extended	-28.20	-13	-15.20
	3MHz	Low	Band Edge	-20.48	-13	-7.48
		Low	Extended	-27.97	-13	-14.97
		High (B4)	Band Edge	-18.90	-13	-5.90
		High (B4)	Extended	-28.50	-13	-15.50
		High (B66)	Band Edge	-19.73	-13	-6.73
		High (B66)	Extended	-27.76	-13	-14.76
	1.4MHz	Low	Band Edge	-21.93	-13	-8.93
		Low	Extended	-30.08	-13	-17.08
		High (B4)	Band Edge	-20.66	-13	-7.66
		High (B4)	Extended	-32.78	-13	-19.78
		High (B66)	Band Edge	-21.36	-13	-8.36
		High (B66)	Extended	-29.06	-13	-16.06

Table 7-14. Conducted Band Edge Results – Ant1

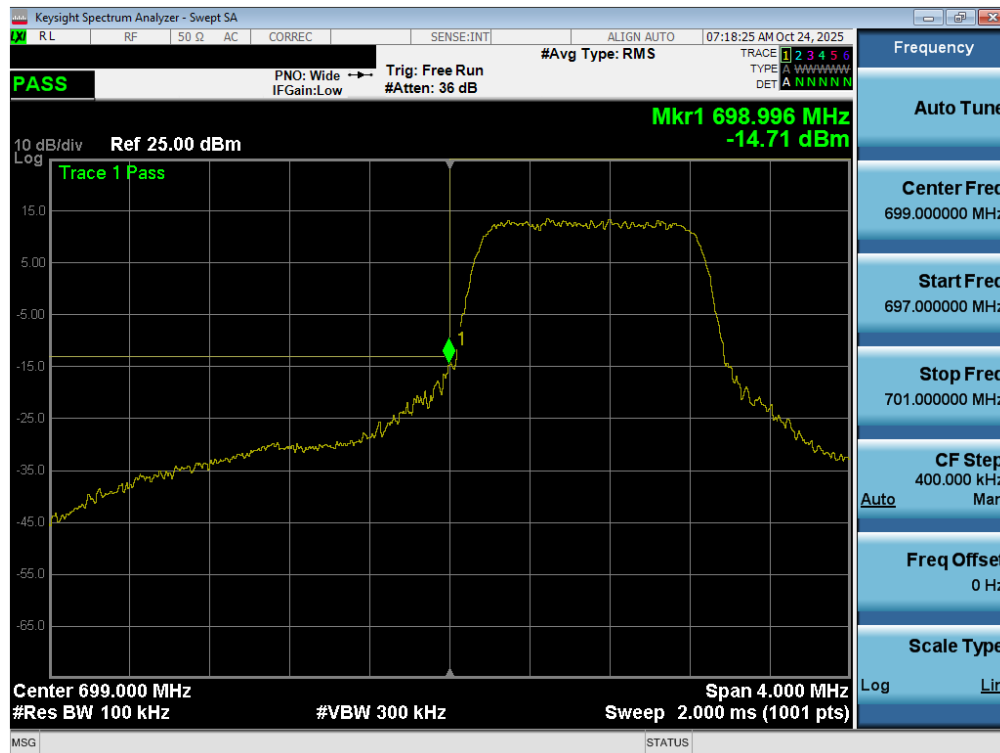
FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 92 of 156

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR Band n66	45 MHz	Low	Band Edge	-30.03	-13	-17.03
		Low	Extended	-29.96	-13	-16.96
		High	Band Edge	-28.94	-13	-15.94
		High	Extended	-23.69	-13	-10.69
	40 MHz	Low	Band Edge	-28.24	-13	-15.24
		Low	Extended	-29.34	-13	-16.34
		High	Band Edge	-23.73	-13	-10.73
		High	Extended	-29.02	-13	-16.02
	35 MHz	Low	Band Edge	-30.45	-13	-17.45
		Low	Extended	-29.06	-13	-16.06
		High	Band Edge	-26.77	-13	-13.77
		High	Extended	-24.48	-13	-11.48
	30 MHz	Low	Band Edge	-27.24	-13	-14.24
		Low	Extended	-28.04	-13	-15.04
		High	Band Edge	-27.35	-13	-14.35
		High	Extended	-25.61	-13	-12.61
	25 MHz	Low	Band Edge	-29.05	-13	-16.05
		Low	Extended	-25.56	-13	-12.56
		High	Band Edge	-31.51	-13	-18.51
		High	Extended	-18.62	-13	-5.62
	20 MHz	Low	Band Edge	-30.73	-13	-17.73
		Low	Extended	-26.25	-13	-13.25
		High	Band Edge	-30.07	-13	-17.07
		High	Extended	-26.03	-13	-13.03
	15 MHz	Low	Band Edge	-28.41	-13	-15.41
		Low	Extended	-22.28	-13	-9.28
		High	Band Edge	-27.00	-13	-14.00
		High	Extended	-22.44	-13	-9.44
	10 MHz	Low	Band Edge	-27.24	-13	-14.24
		Low	Extended	-18.43	-13	-5.43
		High	Band Edge	-26.51	-13	-13.51
		High	Extended	-19.09	-13	-6.09
	5 MHz	Low	Band Edge	-24.60	-13	-11.60
		Low	Extended	-33.04	-13	-20.04
		High	Band Edge	-23.38	-13	-10.38
		High	Extended	-30.62	-13	-17.62

Table 7-15. Conducted Band Edge Results – Ant1

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 93 of 156

LTE Band 12 – ANT1



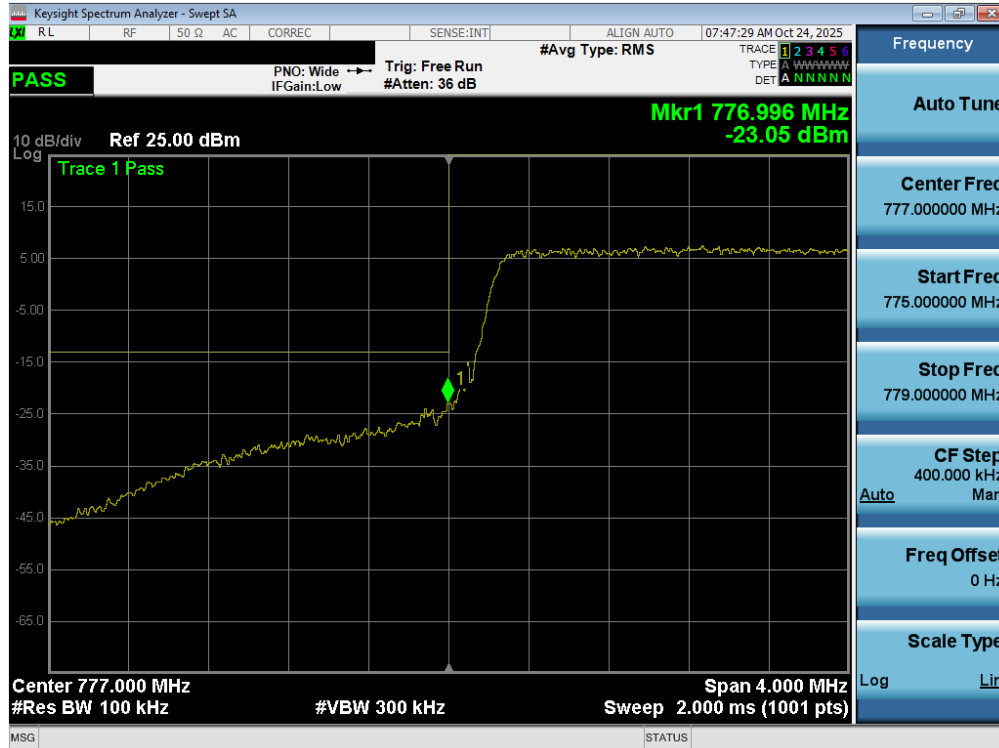
Plot 7-112. Lower Band Edge Plot (LTE Band 12 – 1.4MHz QPSK – Full RB - ANT1)



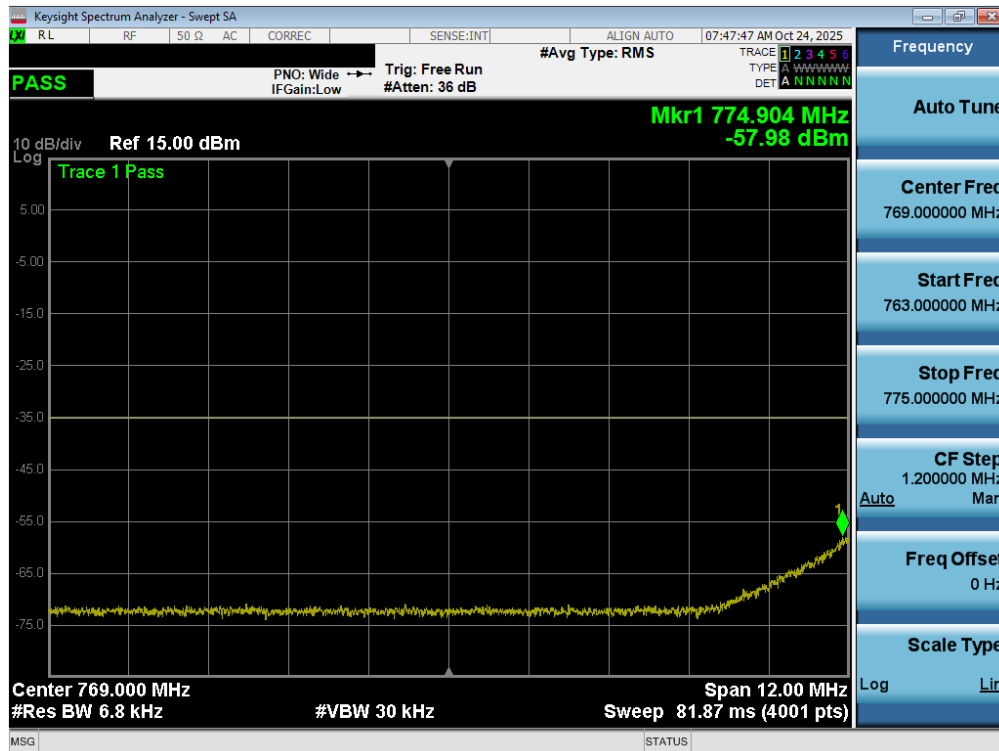
Plot 7-113. Upper Band Edge Plot (LTE Band 12 – 1.4MHz QPSK – Full RB - ANT1)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 94 of 156

LTE Band 13 – ANT1



Plot 7-114. Lower Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT1)

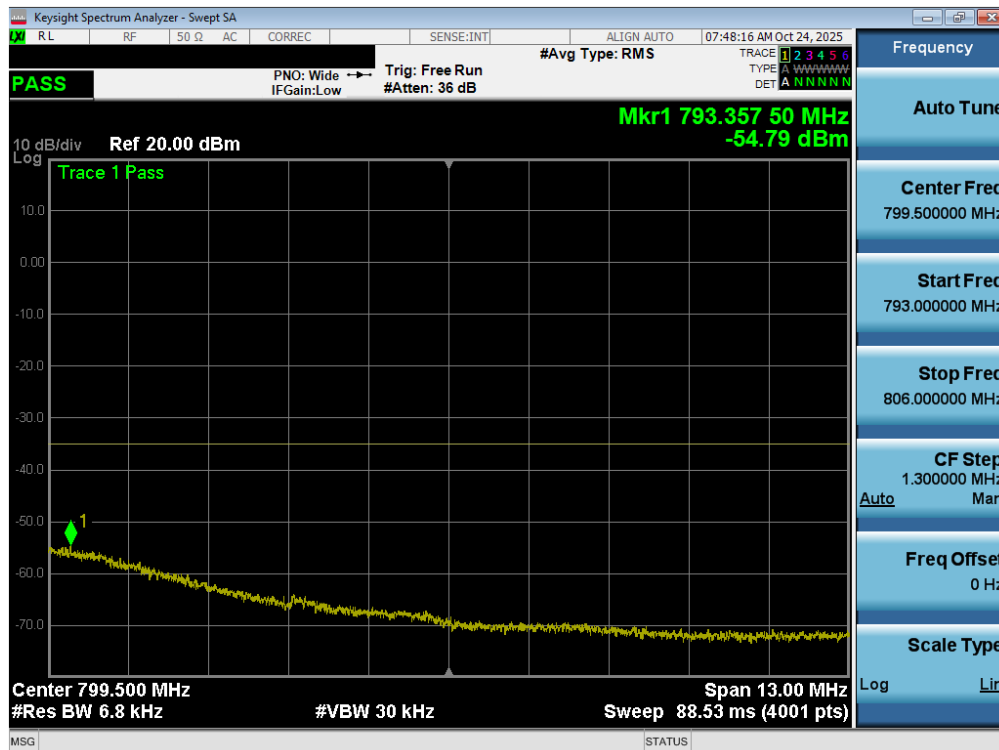


Plot 7-115. Lower Emission Mask Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT1)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 95 of 156



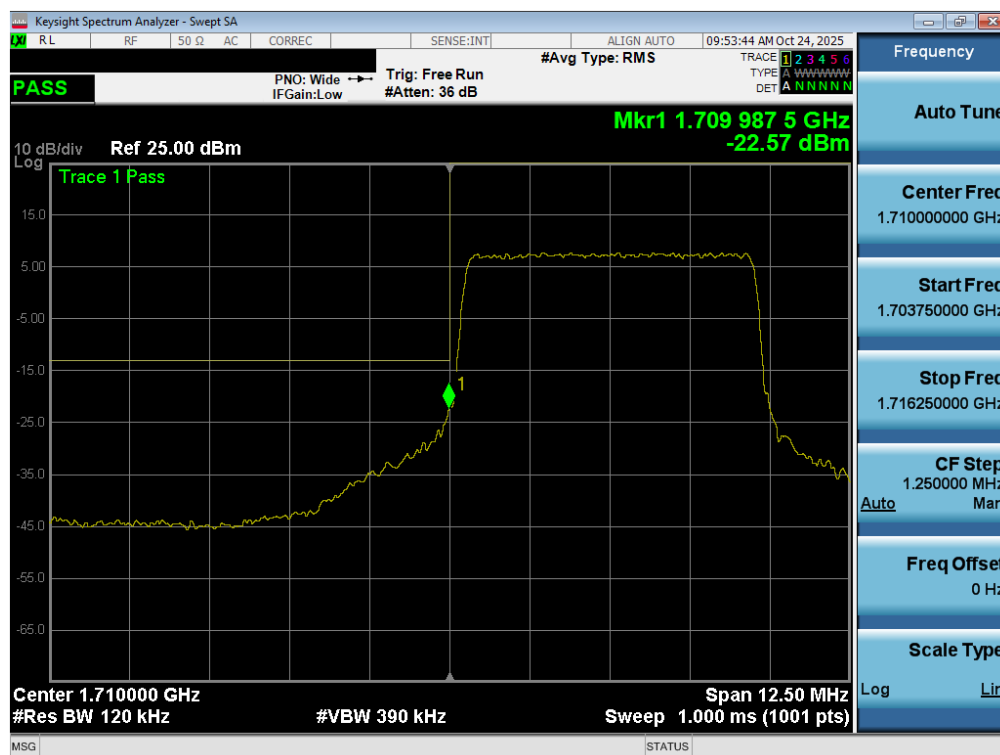
Plot 7-116. Upper Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT1)



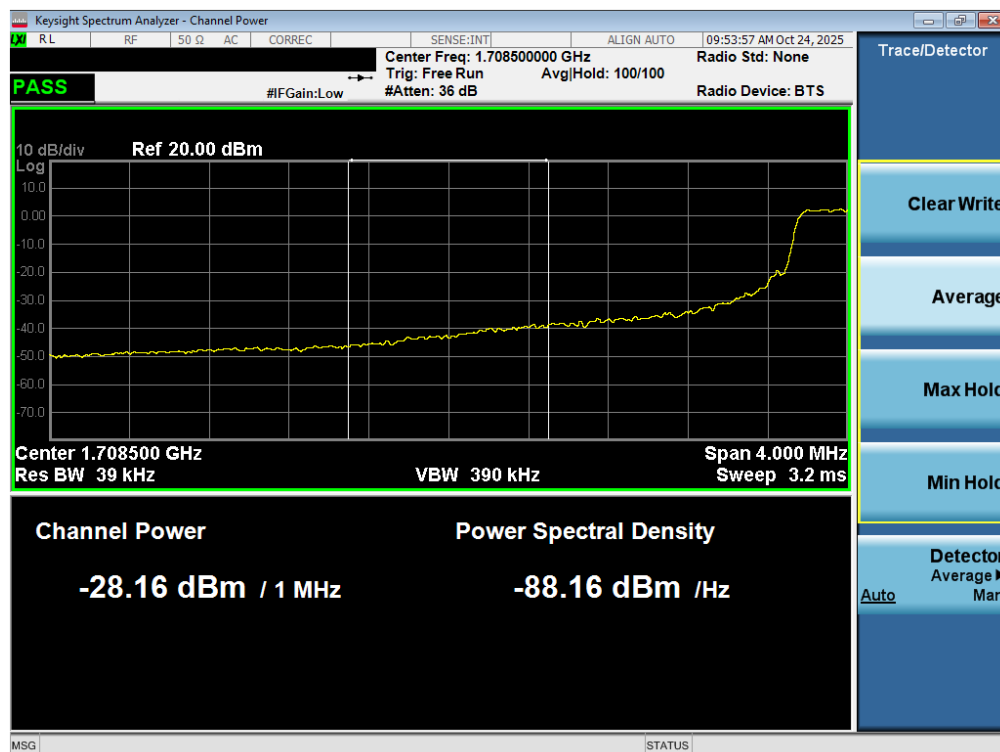
Plot 7-117. Upper Emission Mask Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT1)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 96 of 156

LTE Band 66/4 – ANT1

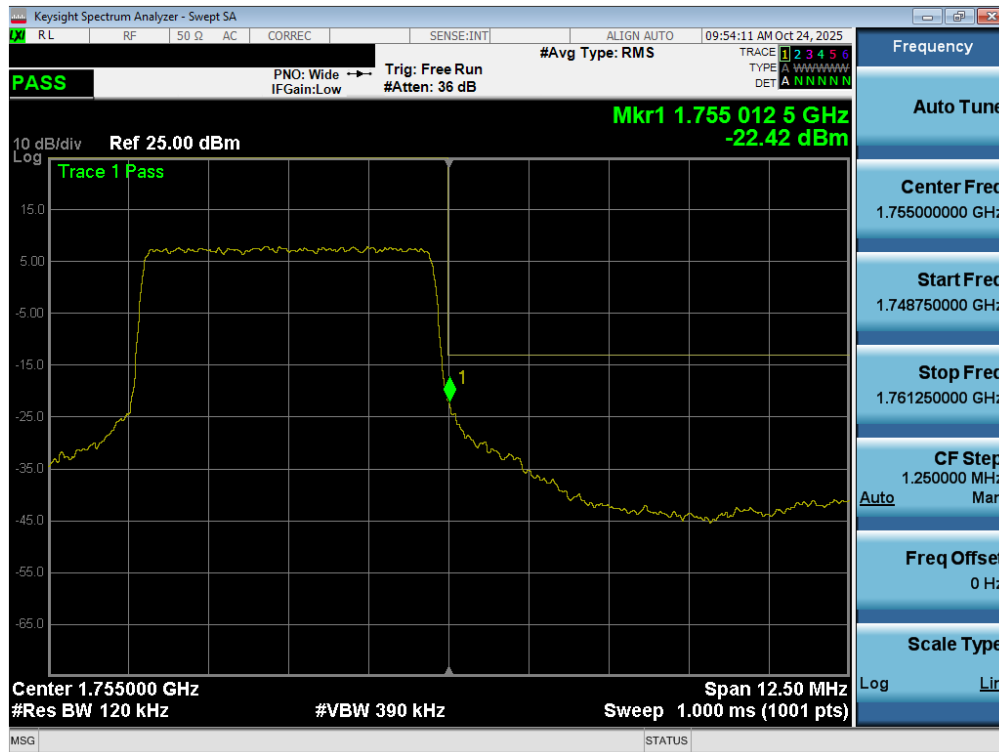


Plot 7-118. Lower Band Edge Plot (LTE Band 66/4 – 5MHz QPSK – Full RB - ANT1)

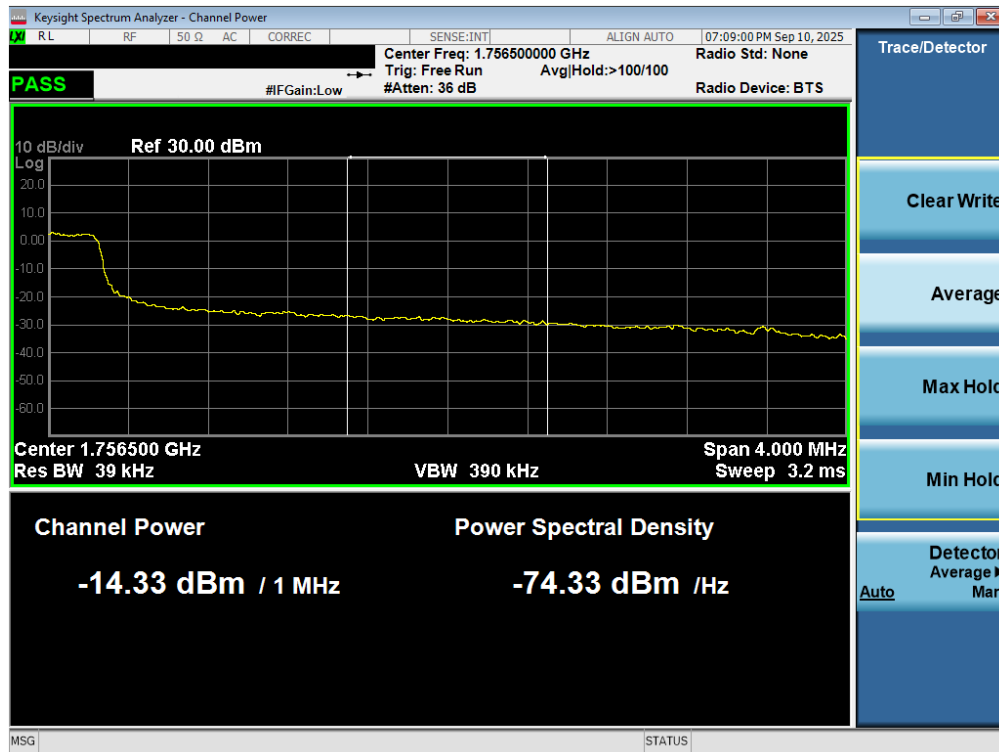


Plot 7-119. Lower Extended Band Edge Plot (LTE Band 66/4 – 5MHz QPSK – Full RB - ANT1)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 97 of 156

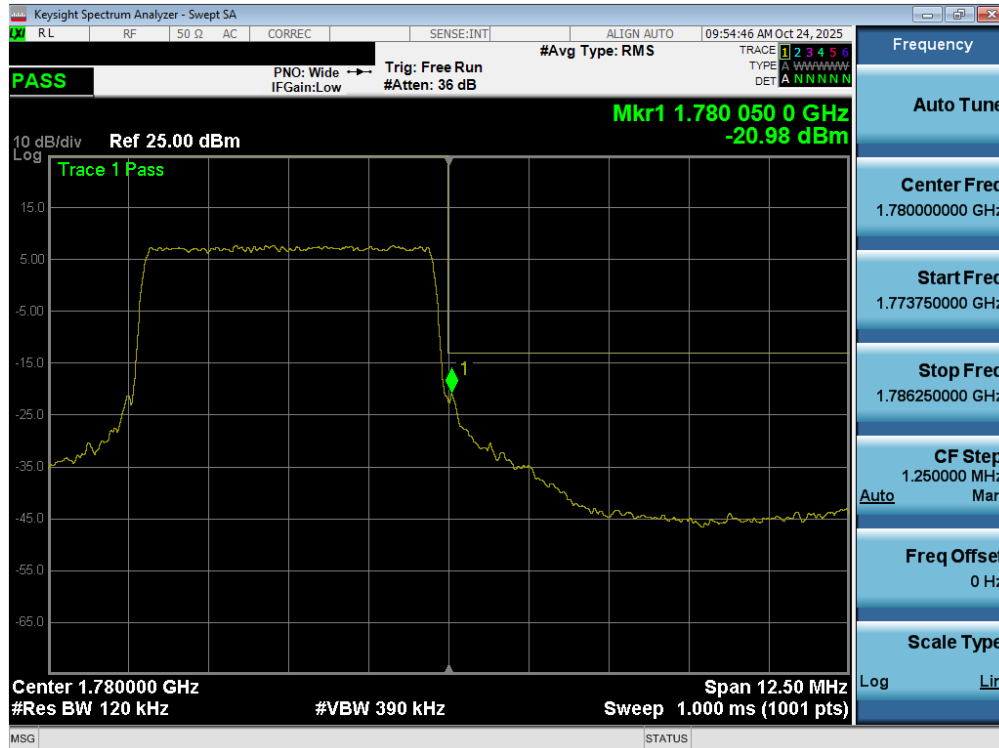


Plot 7-120. Upper Band Edge Plot (LTE Band 4 – 5MHz QPSK – Full RB - ANT1)

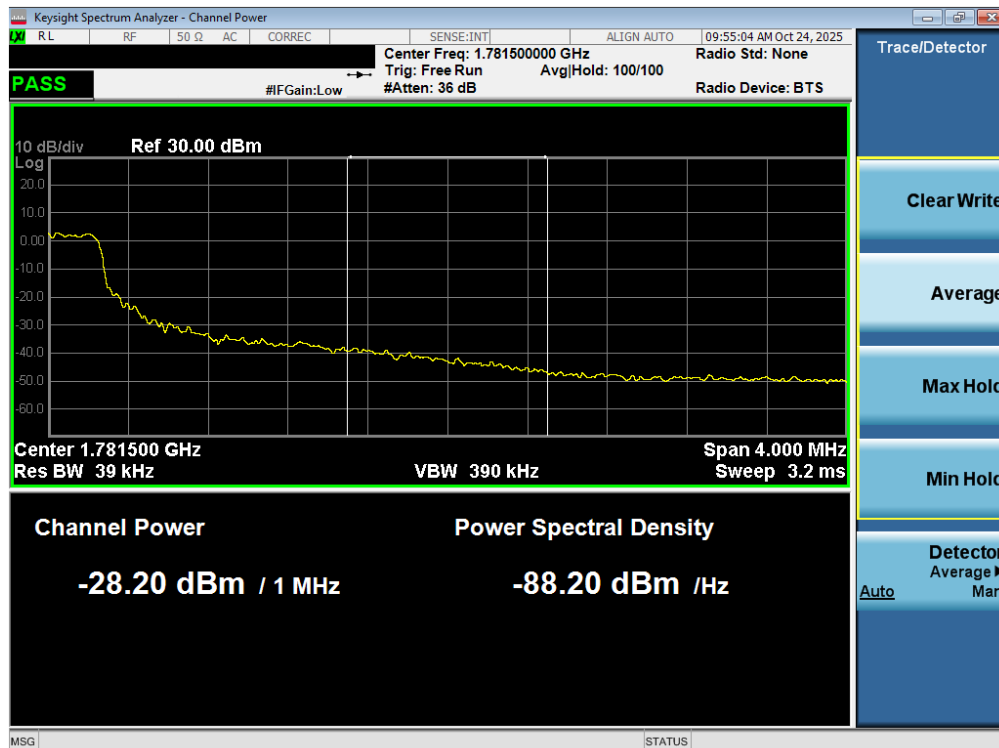


Plot 7-121. Upper Extended Band Edge Plot (LTE Band 4 – 5MHz QPSK – Full RB - ANT1)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 98 of 156



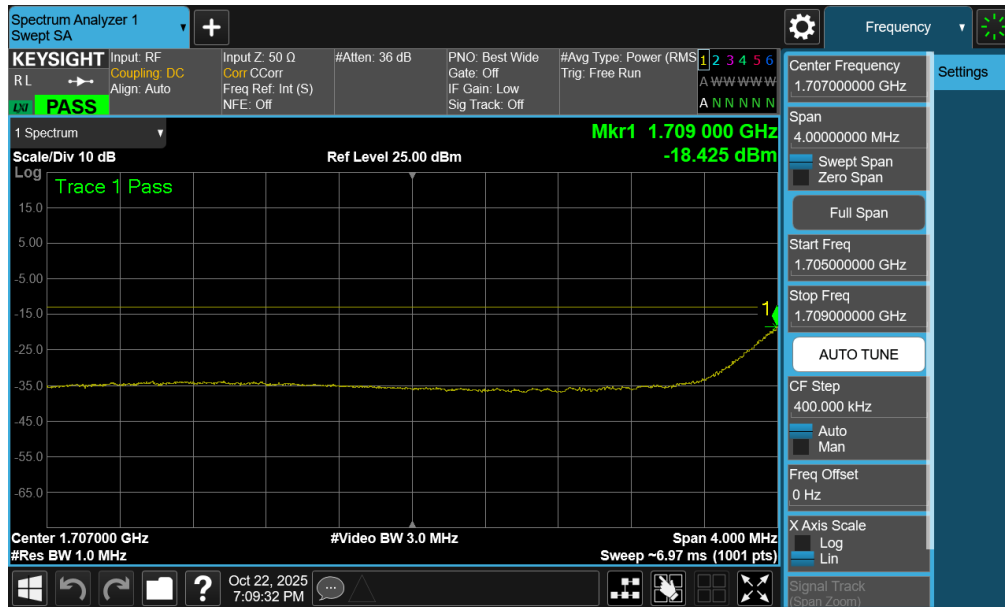
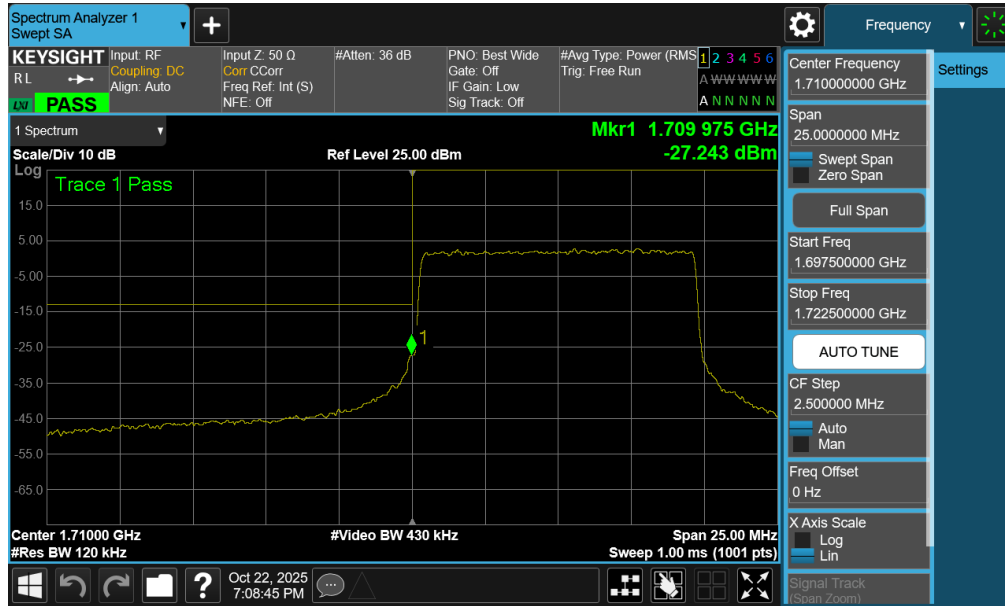
Plot 7-122. Upper Band Edge Plot (LTE Band 66 – 5MHz QPSK – Full RB - ANT1)



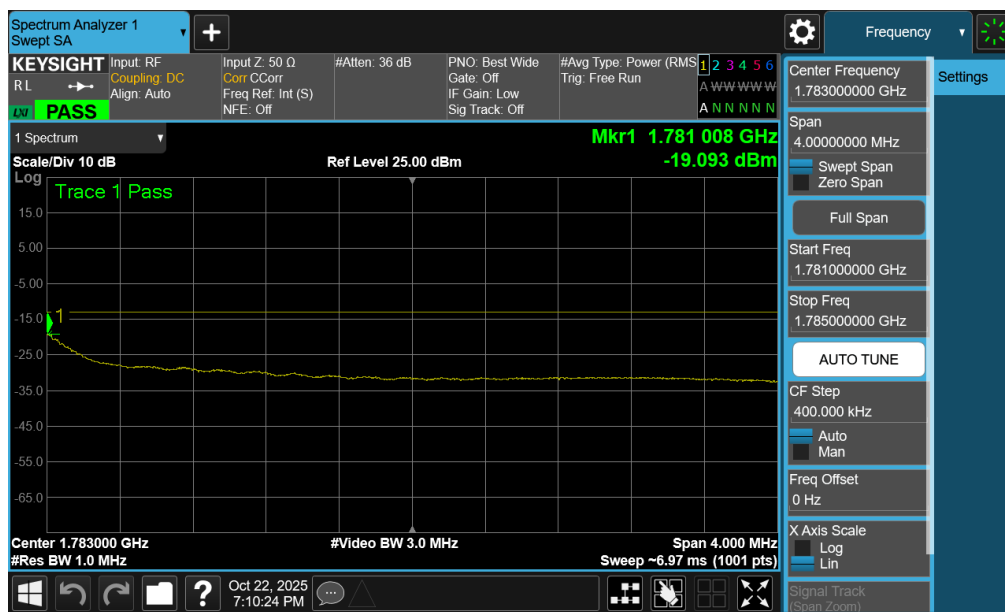
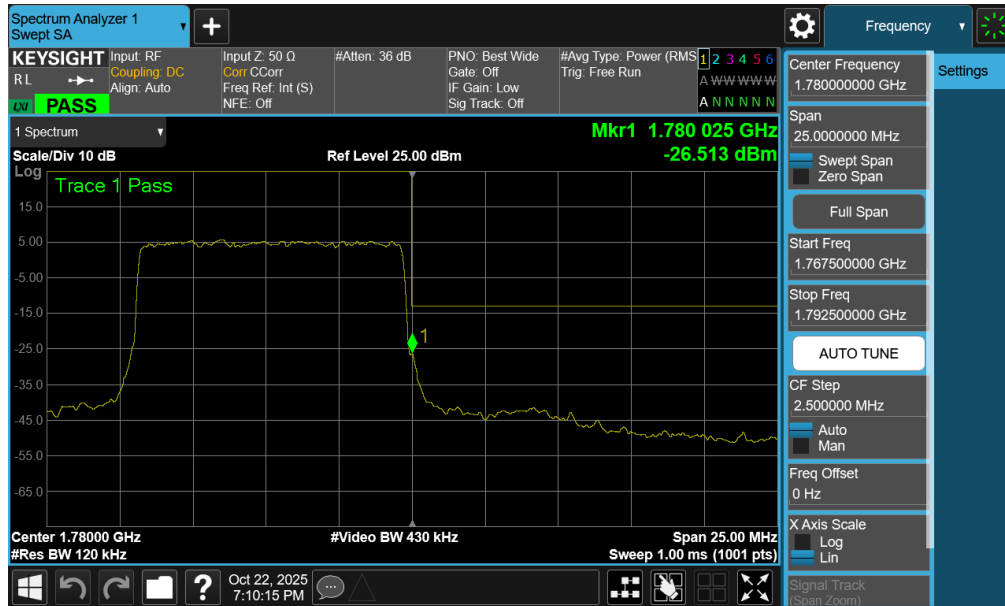
Plot 7-123. Upper Extended Band Edge Plot (LTE Band 66 – 5MHz QPSK – Full RB - ANT1)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04-A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 99 of 156

NR Band n66 – ANT1



FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 100 of 156



FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 101 of 156

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE Band 12	10 MHz	Low	Band Edge	-28.32	-13	-15.32
		High	Band Edge	-30.01	-13	-17.01
	5 MHz	Low	Band Edge	-23.92	-13	-10.92
		High	Band Edge	-24.53	-13	-11.53
	3 MHz	Low	Band Edge	-18.63	-13	-5.63
		High	Band Edge	-20.38	-13	-7.38
	1.4 MHz	Low	Band Edge	-15.47	-13	-2.47
		High	Band Edge	-15.57	-13	-2.57
LTE Band 13	10 MHz	Low	Band Edge	-28.57	-13	-15.57
		Low	Emission Mask	-63.84	-13	-50.84
		High	Band Edge	-27.73	-13	-14.73
		High	Emission Mask	-52.84	-13	-39.84
	5 MHz	Low	Band Edge	-23.45	-13	-10.45
		Low	Emission Mask	-58.13	-13	-45.13
		High	Band Edge	-22.11	-13	-9.11
		High	Emission Mask	-54.44	-13	-41.44

Table 7-16. Conducted Band Edge Results – Ant2

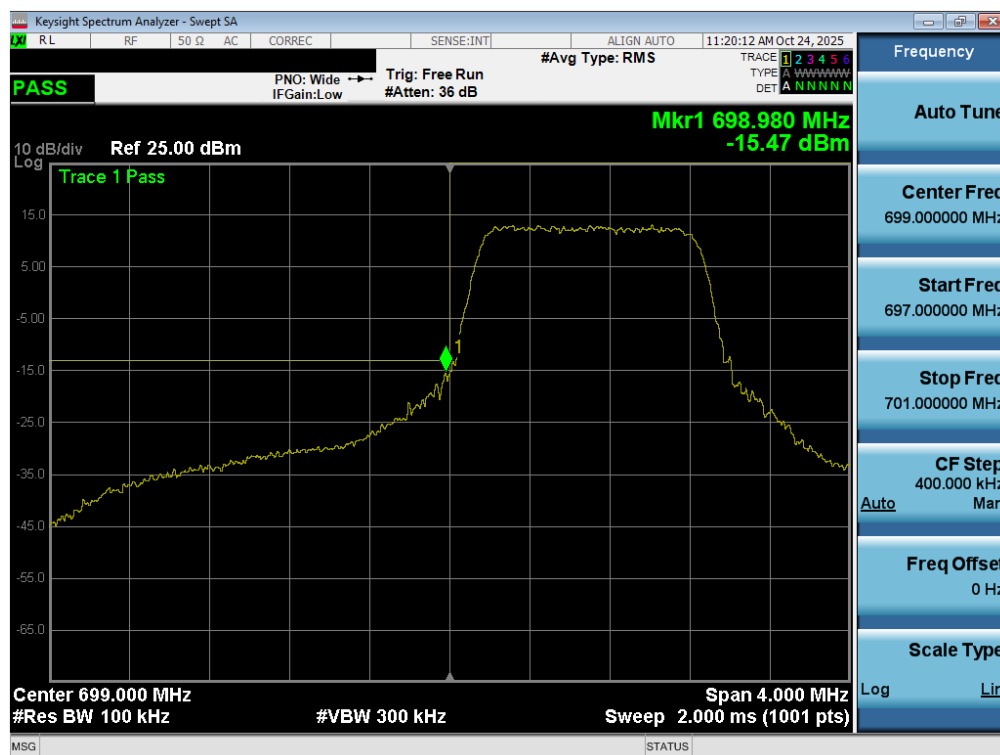
FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 102 of 156

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR Band n66	45 MHz	Low	Band Edge	-30.20	-13	-17.20
		Low	Extended	-27.32	-13	-14.32
		High	Band Edge	-25.94	-13	-12.94
		High	Extended	-23.90	-13	-10.90
	40 MHz	Low	Band Edge	-27.71	-13	-14.71
		Low	Extended	-29.39	-13	-16.39
		High	Band Edge	-23.70	-13	-10.70
		High	Extended	-25.85	-13	-12.85
	35 MHz	Low	Band Edge	-30.88	-13	-17.88
		Low	Extended	-25.89	-13	-12.89
		High	Band Edge	-26.87	-13	-13.87
		High	Extended	-24.99	-13	-11.99
	30 MHz	Low	Band Edge	-30.88	-13	-17.88
		Low	Extended	-25.89	-13	-12.89
		High	Band Edge	-26.87	-13	-13.87
		High	Extended	-24.99	-13	-11.99
	30 MHz	Low	Band Edge	-27.54	-13	-14.54
		Low	Extended	-26.62	-13	-13.62
		High	Band Edge	-27.89	-13	-14.89
		High	Extended	-24.51	-13	-11.51
	25 MHz	Low	Band Edge	-30.95	-13	-17.95
		Low	Extended	-30.95	-13	-17.95
		High	Band Edge	-26.65	-13	-13.65
		High	Extended	-26.65	-13	-13.65
	20 MHz	Low	Band Edge	-31.33	-13	-18.33
		Low	Extended	-26.19	-13	-13.19
		High	Band Edge	-29.21	-13	-16.21
		High	Extended	-24.83	-13	-11.83
	15 MHz	Low	Band Edge	-28.52	-13	-15.52
		Low	Extended	-22.46	-13	-9.46
		High	Band Edge	-28.49	-13	-15.49
		High	Extended	-23.34	-13	-10.34
	10 MHz	Low	Band Edge	-28.72	-13	-15.72
		Low	Extended	-18.48	-13	-5.48
		High	Band Edge	-27.33	-13	-14.33
		High	Extended	-18.67	-13	-5.67
	5 MHz	Low	Band Edge	-25.68	-13	-12.68
		Low	Extended	-28.38	-13	-15.38
		High	Band Edge	-24.24	-13	-11.24
		High	Extended	-28.18	-13	-15.18

Table 7-17. Conducted Band Edge Results – Ant2

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 103 of 156

LTE Band 12 – ANT2



Plot 7-128. Lower Band Edge Plot (LTE Band 12 – 1.4MHz QPSK – Full RB - ANT2)



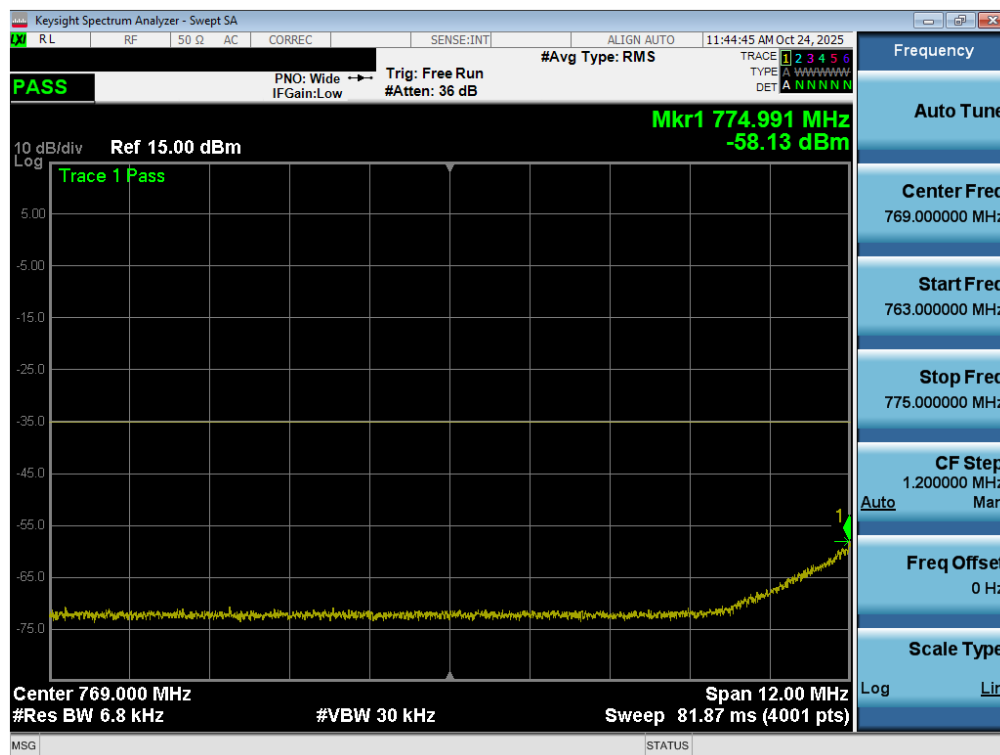
Plot 7-129. Upper Band Edge Plot (LTE Band 12 – 1.4MHz QPSK – Full RB - ANT2)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 104 of 156

LTE Band 13 – ANT2

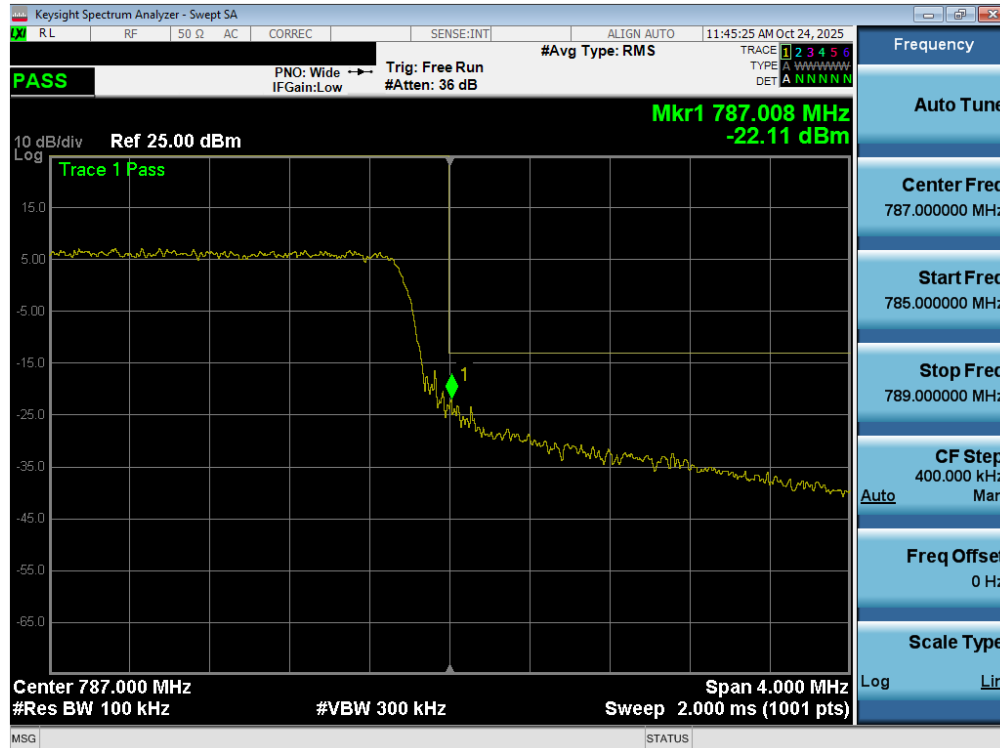


Plot 7-130. Lower Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT2)

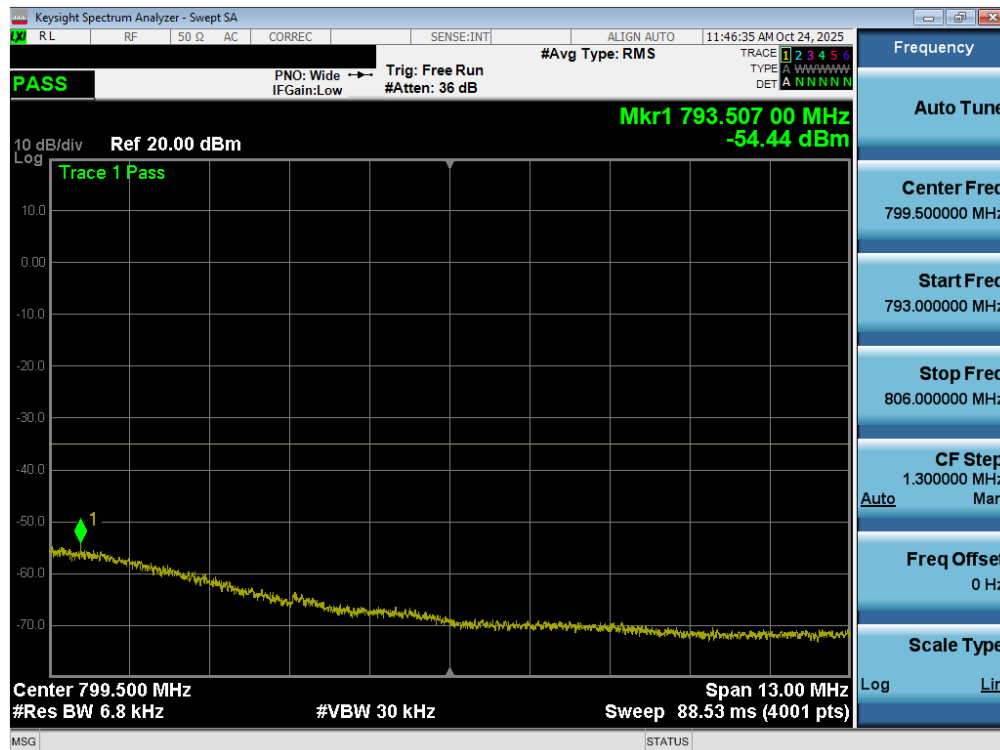


Plot 7-131. Lower Emission Mask Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT2)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 105 of 156



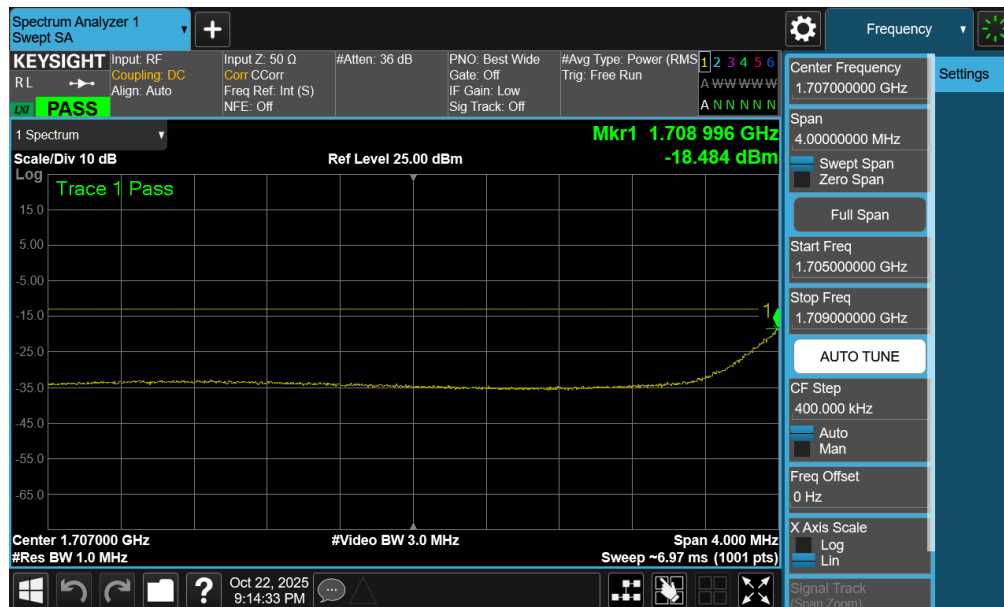
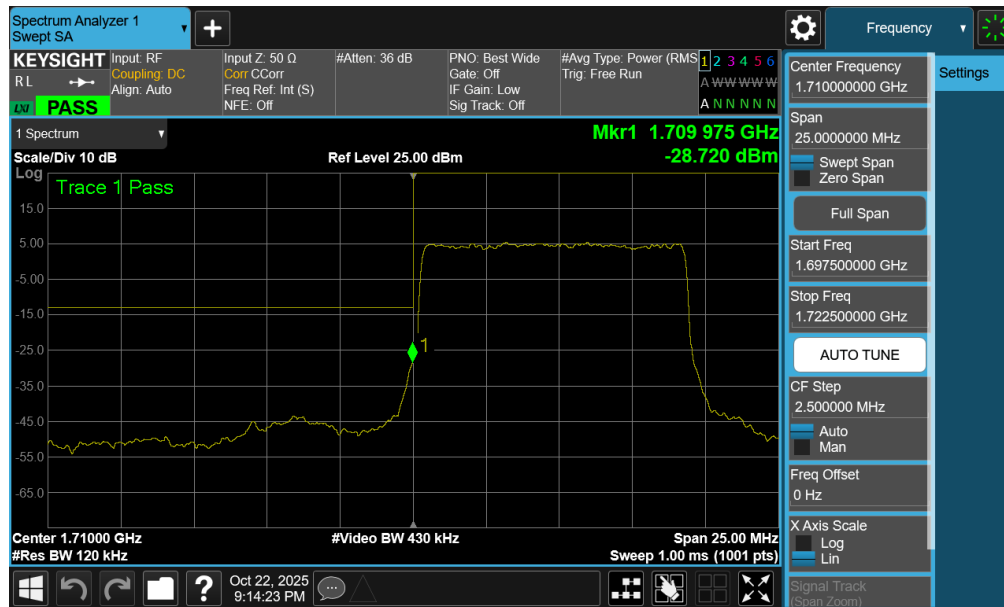
Plot 7-132. Upper Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT2)



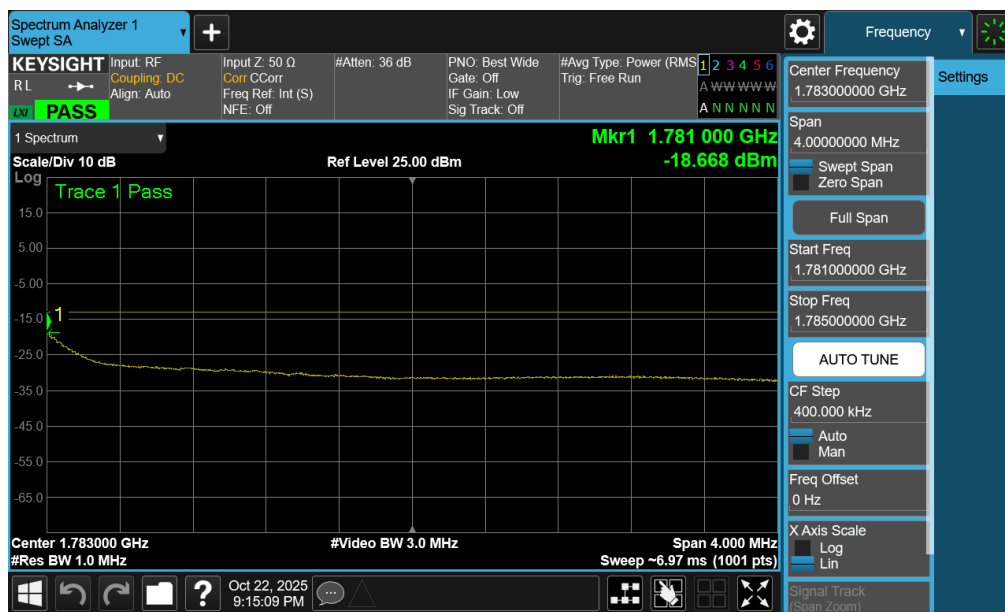
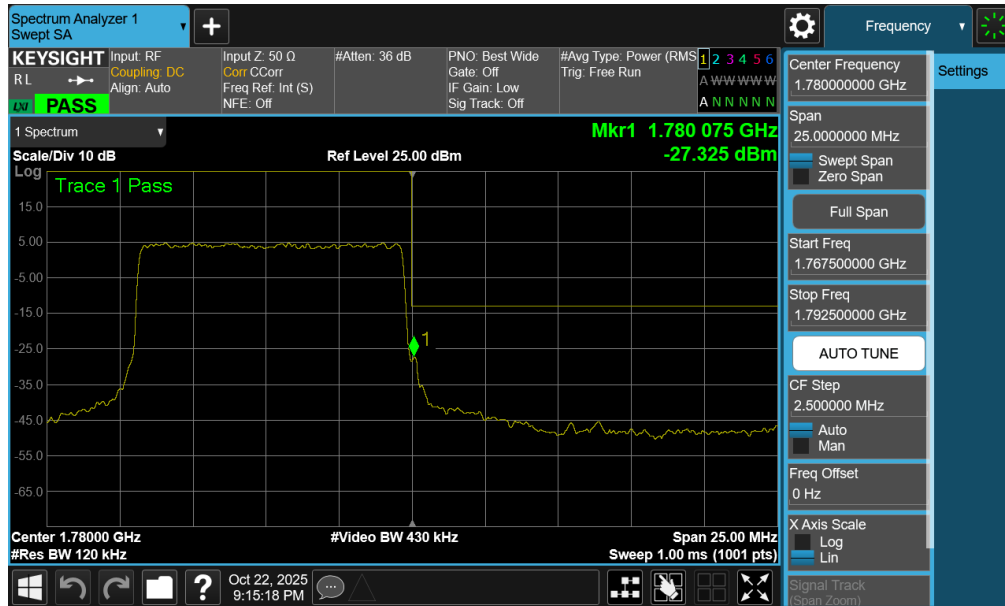
Plot 7-133. Upper Emission Mask Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT2)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 106 of 156

NR Band n66 – ANT2



FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 107 of 156



FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 108 of 156

7.6 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.

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.

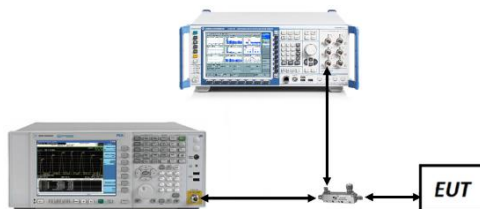


Figure 7-5. Test Instrument & Measurement Setup

Test Notes

For the QAM modulations, 256QAM was found to have the worst-case peak-to-average ratio so it is the only QAM measurement included in this section.

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 109 of 156

Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
LTE-B66-4	20MHz	QPSK	22.76	4.56	13	-8.44
		256QAM	18.64	6.66	13	-6.34
	15MHz	QPSK	22.65	4.49	13	-8.51
		256QAM	18.66	6.69	13	-6.31
	10MHz	QPSK	22.65	4.59	13	-8.41
		256QAM	18.65	6.70	13	-6.30
	5MHz	QPSK	22.64	4.47	13	-8.53
		256QAM	18.65	6.73	13	-6.27
	3MHz	QPSK	22.63	4.48	13	-8.52
		256QAM	18.68	6.82	13	-6.18
	1.4MHz	QPSK	22.56	4.51	13	-8.49
		256QAM	18.72	6.80	13	-6.20

Table 7-18. Peak-Average Ratio Results – Ant1

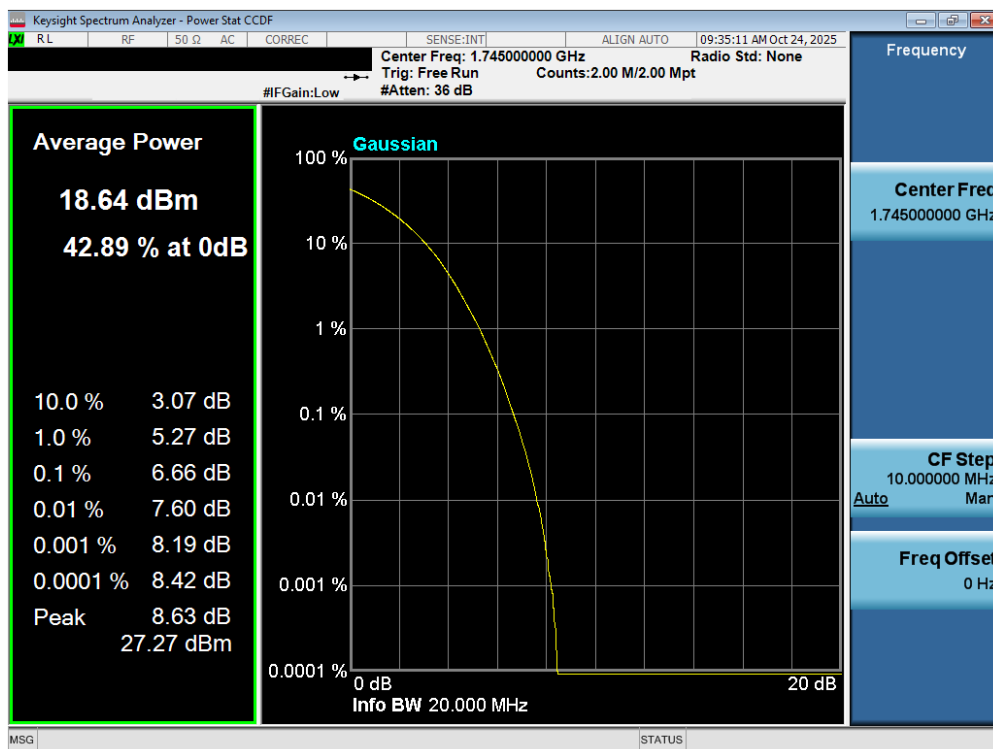
FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 110 of 156

Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
NR-n66	45MHz	$\pi/2$ BPSK	23.38	4.01	13	-8.99
		QPSK	20.82	6.80	13	-6.20
		256QAM	17.35	8.25	13	-4.75
	40MHz	$\pi/2$ BPSK	23.26	4.00	13	-9.00
		QPSK	20.81	6.50	13	-6.50
		256QAM	17.18	8.23	13	-4.77
	35MHz	$\pi/2$ BPSK	23.36	3.81	13	-9.19
		QPSK	20.75	6.55	13	-6.45
		256QAM	17.24	8.23	13	-4.77
	30MHz	$\pi/2$ BPSK	23.39	3.94	13	-9.06
		QPSK	20.81	6.53	13	-6.47
		256QAM	17.33	8.27	13	-4.73
	25MHz	$\pi/2$ BPSK	23.27	4.03	13	-8.97
		QPSK	20.69	6.67	13	-6.33
		256QAM	17.28	8.54	13	-4.46
	20MHz	$\pi/2$ BPSK	23.36	3.82	13	-9.18
		QPSK	20.81	6.48	13	-6.52
		256QAM	17.31	8.35	13	-4.65
	15MHz	$\pi/2$ BPSK	23.34	3.82	13	-9.18
		QPSK	20.71	6.53	13	-6.47
		256QAM	17.28	8.35	13	-4.65
	10MHz	$\pi/2$ BPSK	23.28	3.83	13	-9.17
		QPSK	20.77	6.68	13	-6.32
		256QAM	17.24	8.64	13	-4.36
	5MHz	$\pi/2$ BPSK	23.45	3.84	13	-9.16
		QPSK	20.95	6.57	13	-6.43
		256QAM	17.31	8.45	13	-4.55

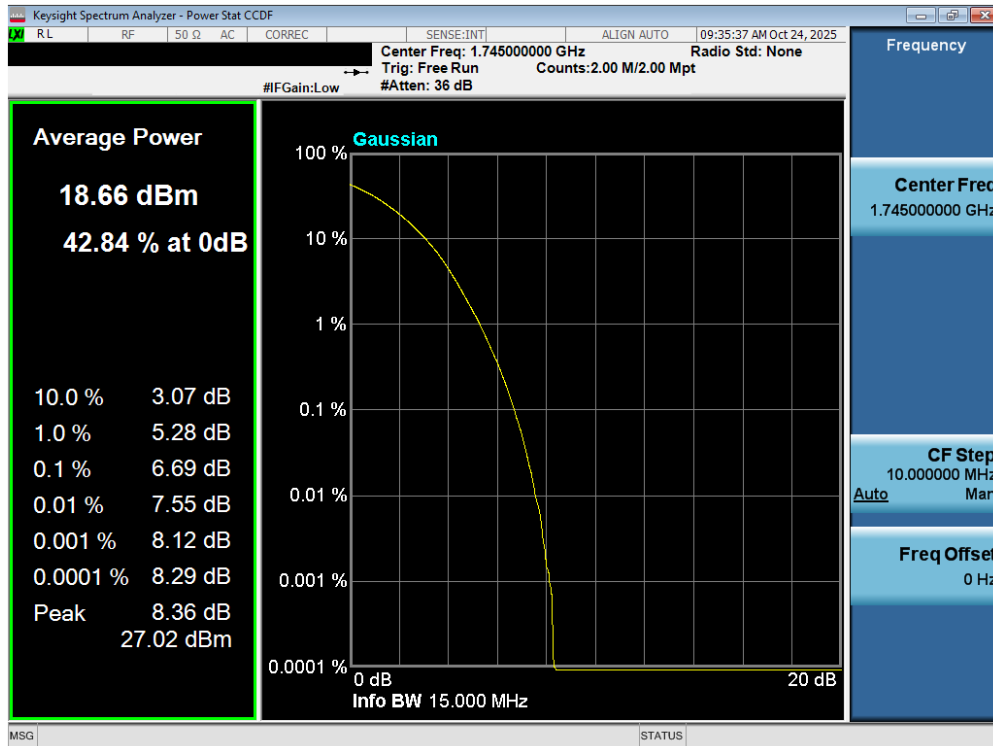
Table 7-19. Peak-Average Ratio Results – Ant1

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04-A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 111 of 156

LTE Band 66/4 – ANT1

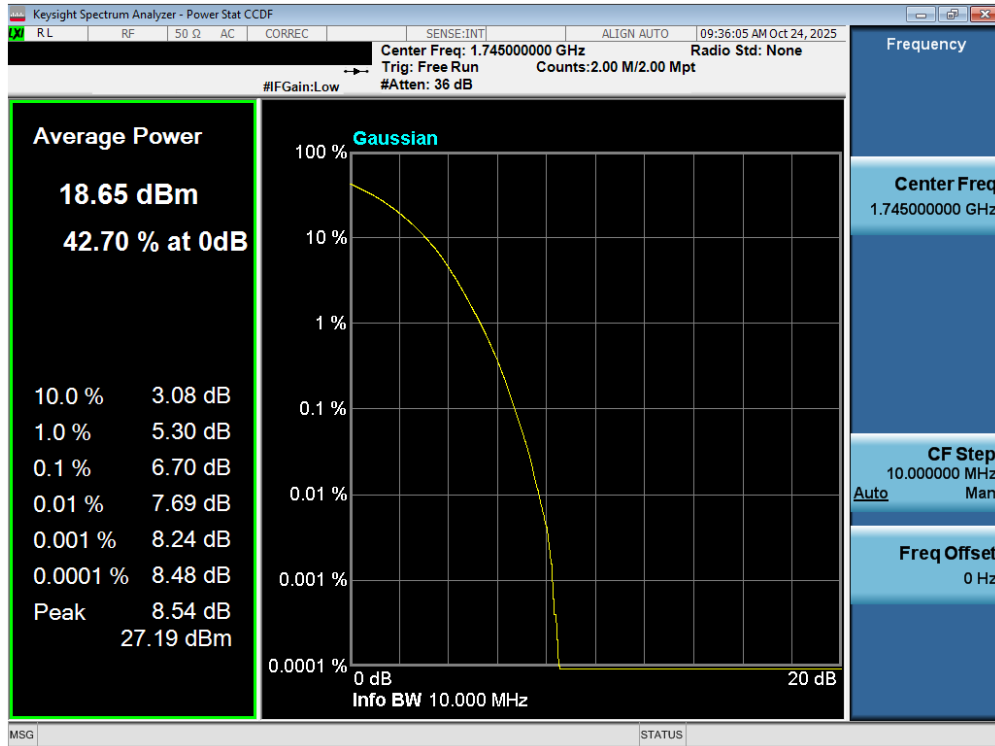


Plot 7-138. PAR Plot (LTE Band 66/4 - 20MHz 256-QAM - Full RB - ANT1)

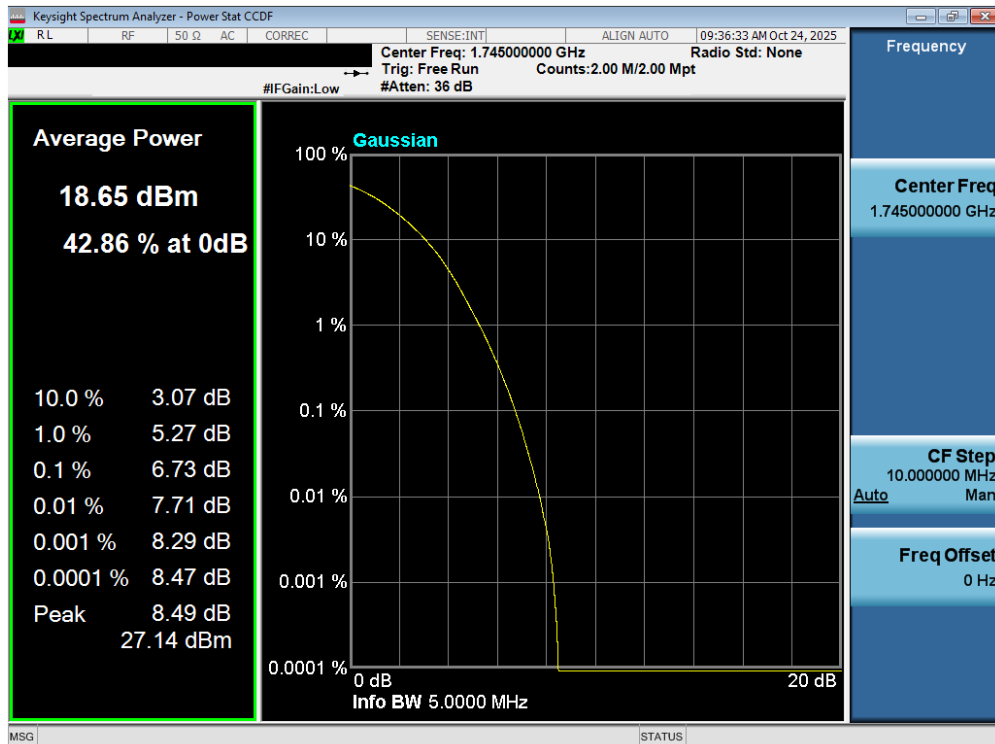


Plot 7-139. PAR Plot (LTE Band 66/4 - 15MHz 256-QAM - Full RB - ANT1)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 112 of 156

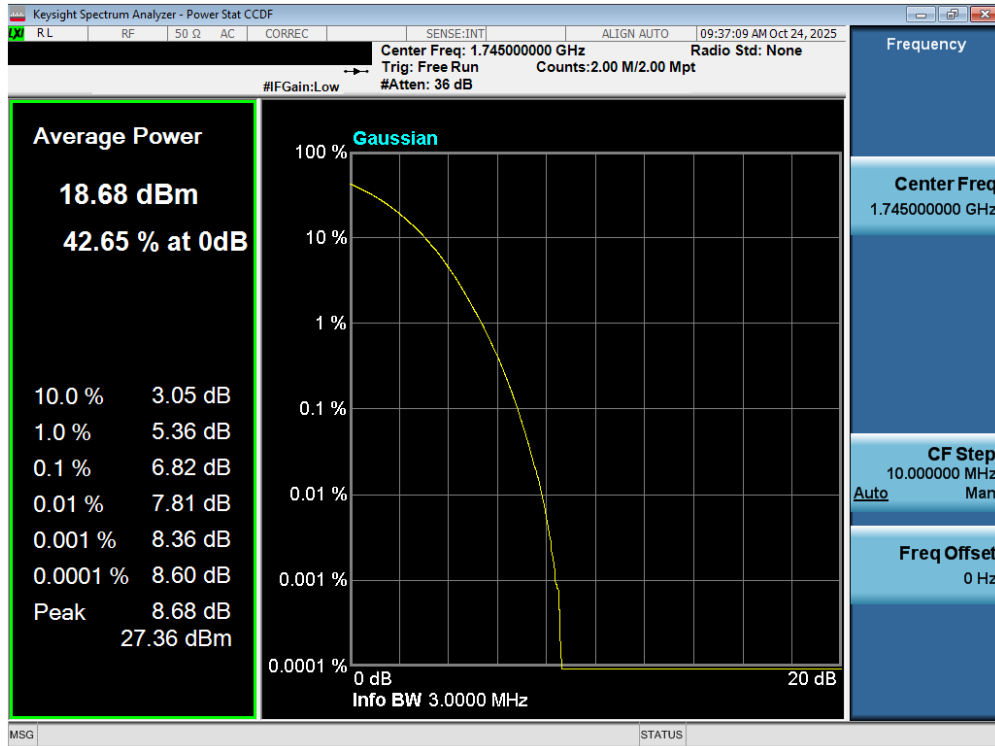


Plot 7-140. PAR Plot (LTE Band 66/4 - 10MHz 256-QAM - Full RB - ANT1)

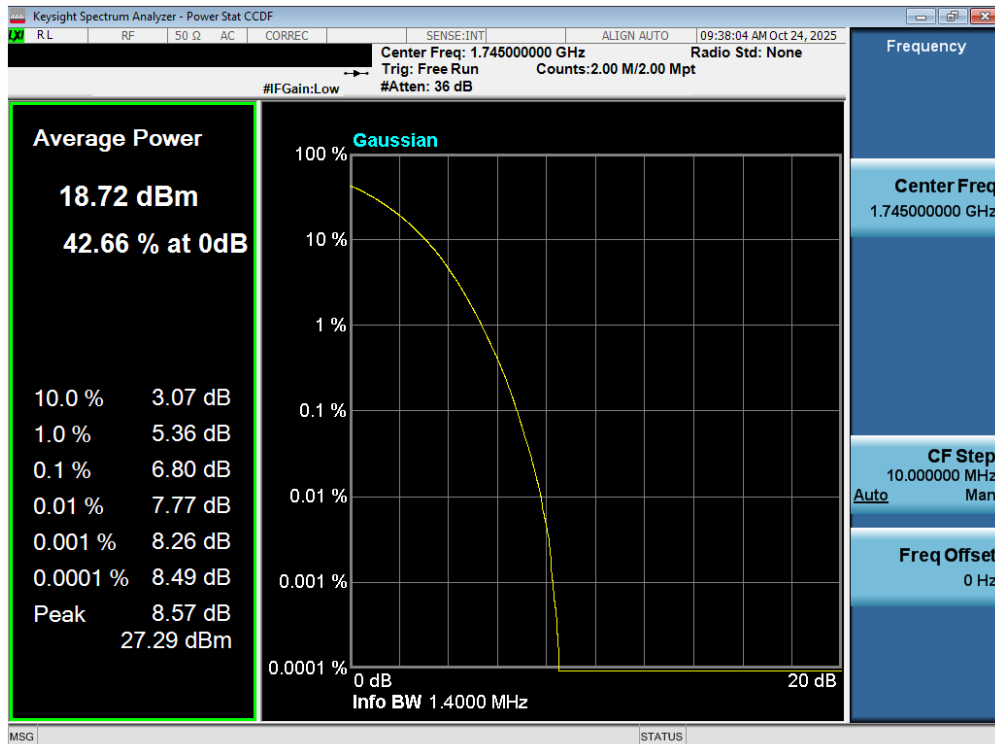


Plot 7-141. PAR Plot (LTE Band 66/4 - 5MHz 256-QAM - Full RB - ANT1)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 113 of 156



Plot 7-142. PAR Plot (LTE Band 66/4 - 3MHz 256-QAM - Full RB - ANT1)

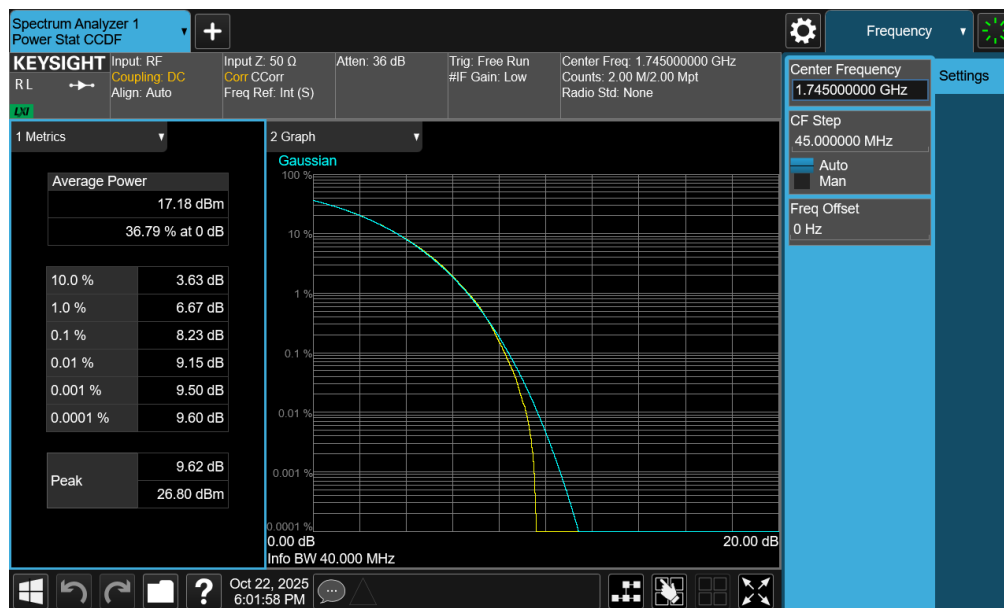
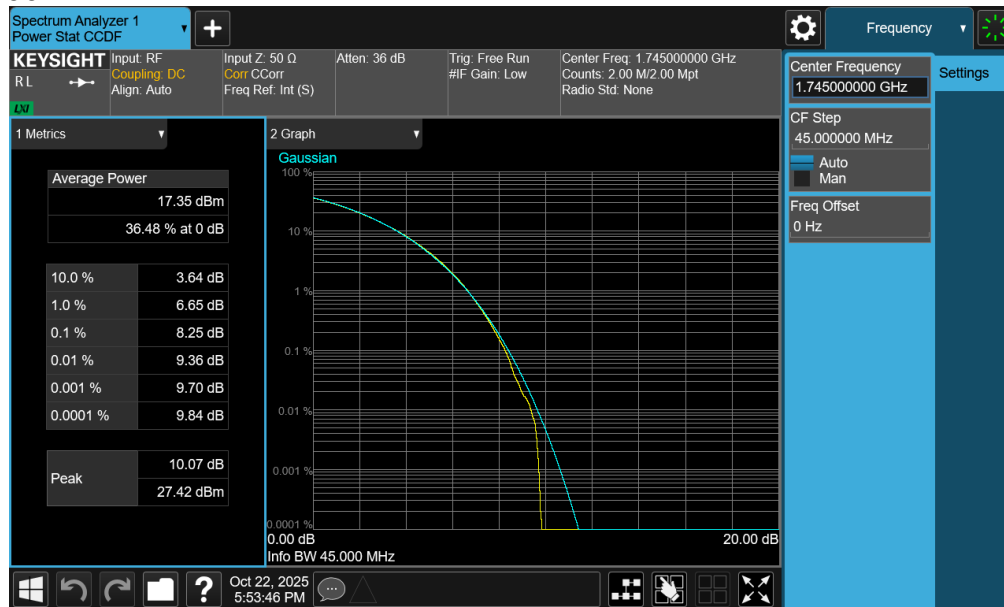


Plot 7-143. PAR Plot (LTE Band 66/4 - 1.4MHz 256-QAM - Full RB - ANT1)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 114 of 156



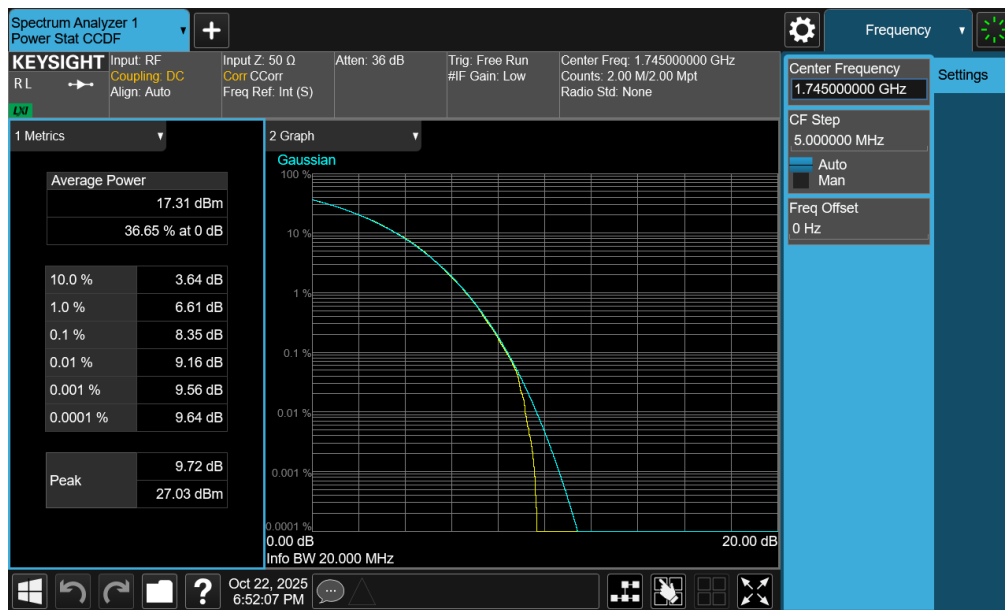
NR Band n66 – ANT1



FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 115 of 156



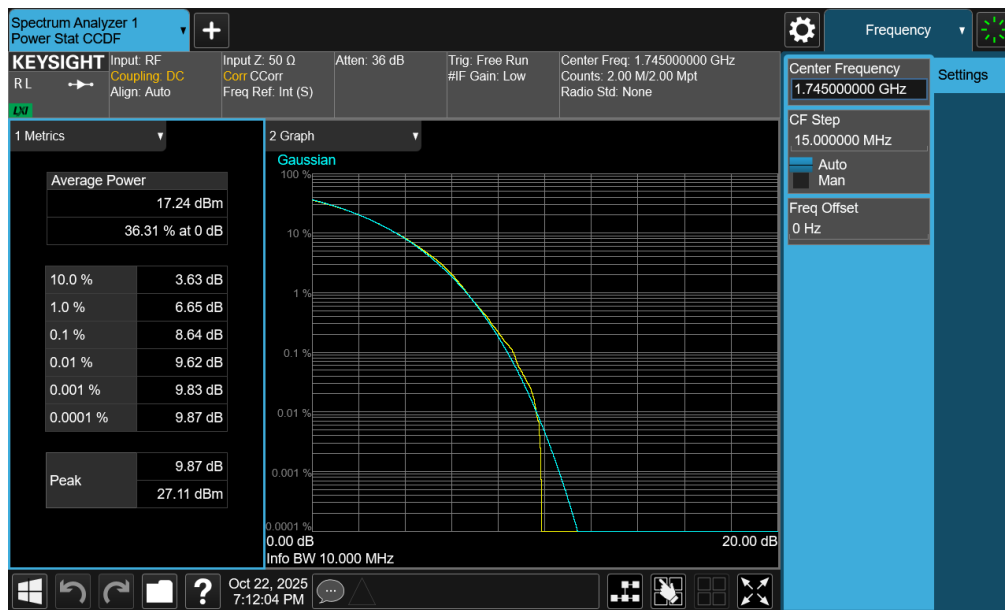
FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04-A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 116 of 156



FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 117 of 156



Plot 7-150. PAR Plot (NR Band n66 - 15.0MHz CP-OFDM 256-QAM - Full RB - ANT1)



Plot 7-151. PAR Plot (NR Band n66 - 10.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04-A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 118 of 156



Plot 7-152. PAR Plot (NR Band n66 - 5.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

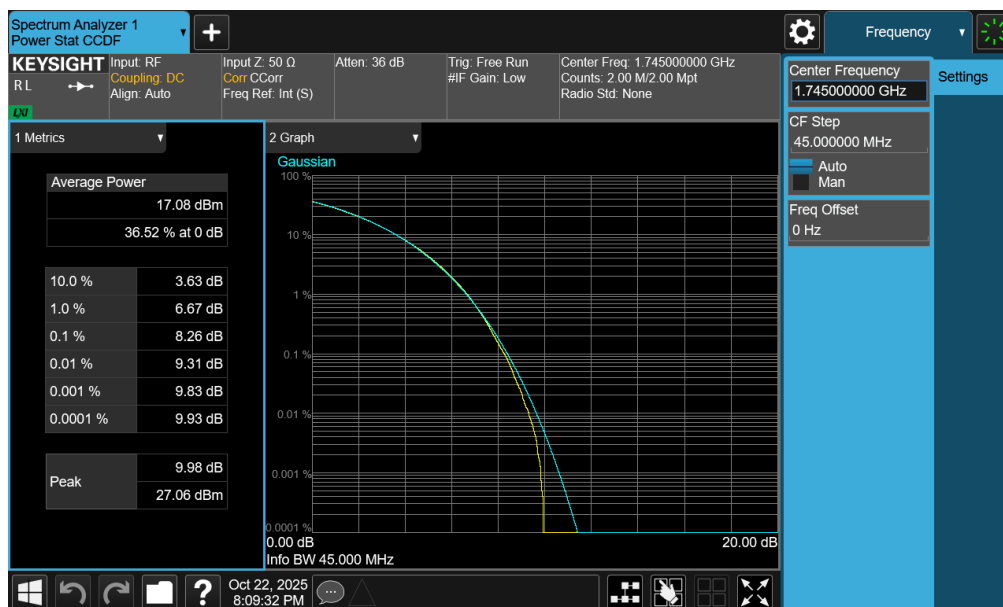
FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 119 of 156

Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
NR-n66	45MHz	$\pi/2$ BPSK	23.21	3.93	13	-9.07
		QPSK	20.63	6.73	13	-6.27
		256QAM	17.08	8.26	13	-4.74
	40MHz	$\pi/2$ BPSK	23.02	3.91	13	-9.09
		QPSK	20.53	6.50	13	-6.50
		256QAM	16.96	8.32	13	-4.68
	35MHz	$\pi/2$ BPSK	23.06	3.80	13	-9.20
		QPSK	20.54	6.55	13	-6.45
		256QAM	17.00	8.34	13	-4.66
	30MHz	$\pi/2$ BPSK	23.12	3.89	13	-9.11
		QPSK	20.54	6.55	13	-6.45
		256QAM	17.00	8.34	13	-4.66
	20MHz	$\pi/2$ BPSK	23.20	3.85	13	-9.15
		QPSK	20.67	6.49	13	-6.51
		256QAM	17.11	8.34	13	-4.66
	15MHz	$\pi/2$ BPSK	23.18	3.79	13	-9.21
		QPSK	20.50	6.56	13	-6.44
		256QAM	17.02	8.39	13	-4.61
	10MHz	$\pi/2$ BPSK	23.16	3.86	13	-9.14
		QPSK	20.59	6.68	13	-6.32
		256QAM	17.03	8.62	13	-4.38
	5MHz	$\pi/2$ BPSK	23.14	3.80	13	-9.20
		QPSK	20.71	6.60	13	-6.40
		256QAM	17.08	8.37	13	-4.63

Table 7-20. Peak-Average Ratio Results – Ant2

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 120 of 156

NR Band n66 – ANT2

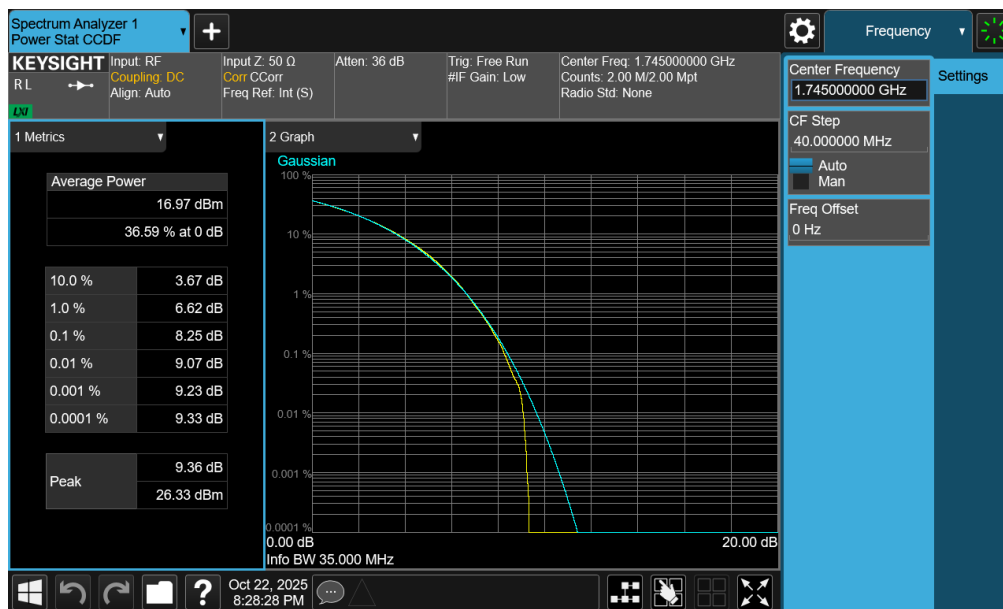


Plot 7-153. PAR Plot (NR Band n66 - 45.0MHz CP-OFDM 256-QAM - Full RB - ANT2)



Plot 7-154. PAR Plot (NR Band n66 - 40.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 121 of 156



Plot 7-155. PAR Plot (NR Band n66 - 35.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

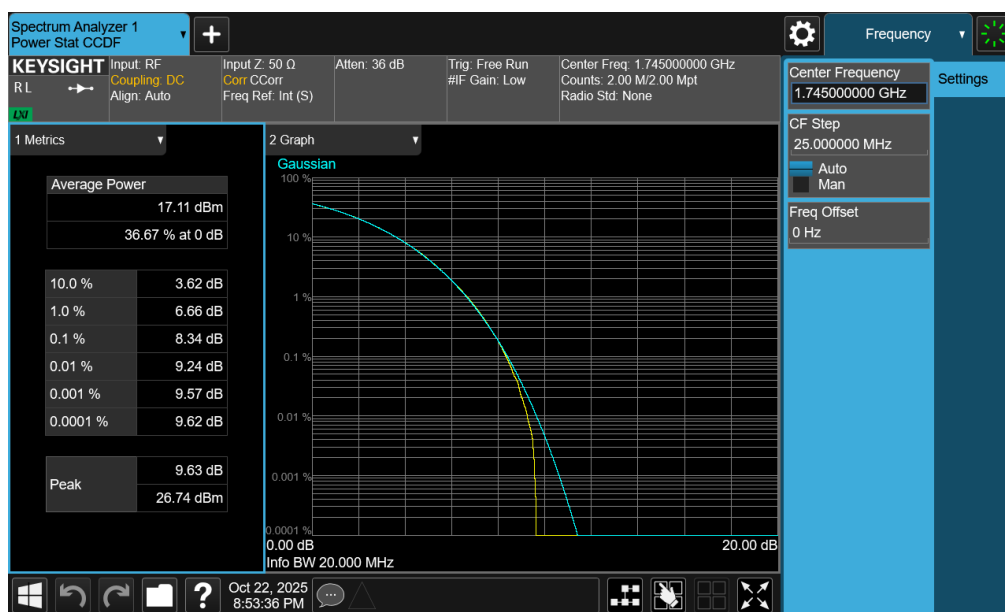


Plot 7-156. PAR Plot (NR Band n66 - 30.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 122 of 156



Plot 7-157. PAR Plot (NR Band n66 - 25.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

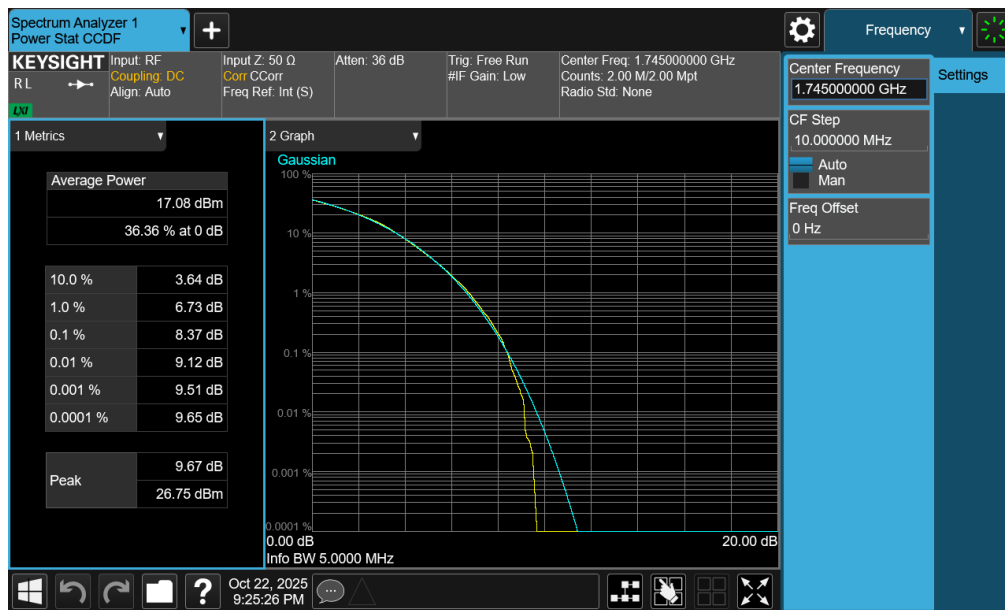


Plot 7-158. PAR Plot (NR Band n66 - 20.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 123 of 156



Plot 7-159. PAR Plot (NR Band n66 - 15.0MHz CP-OFDM 256-QAM - Full RB - ANT2)



Plot 7-160. PAR Plot (NR Band n66 - 5.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04-A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 124 of 156

7.7 Radiated Power (ERP/EIRP)

Test Overview

Effective Radiated Power (ERP) and Equivalent Isotropic Radiated Power (EIRP) 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.
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".
8. The integration bandwidth was roughly set equal to the measured OBW of the signal for signals with continuous operation.
9. Trace mode = trace averaging (RMS) over 100 sweeps
10. The trace was allowed to stabilize

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 125 of 156

Test Setup

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

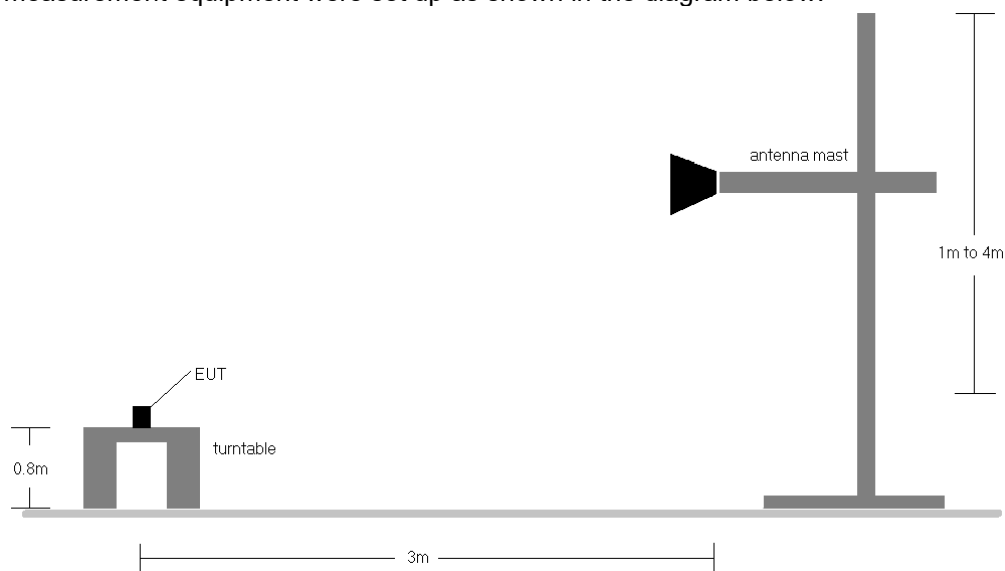


Figure 7-6. Radiated Test Setup <1GHz

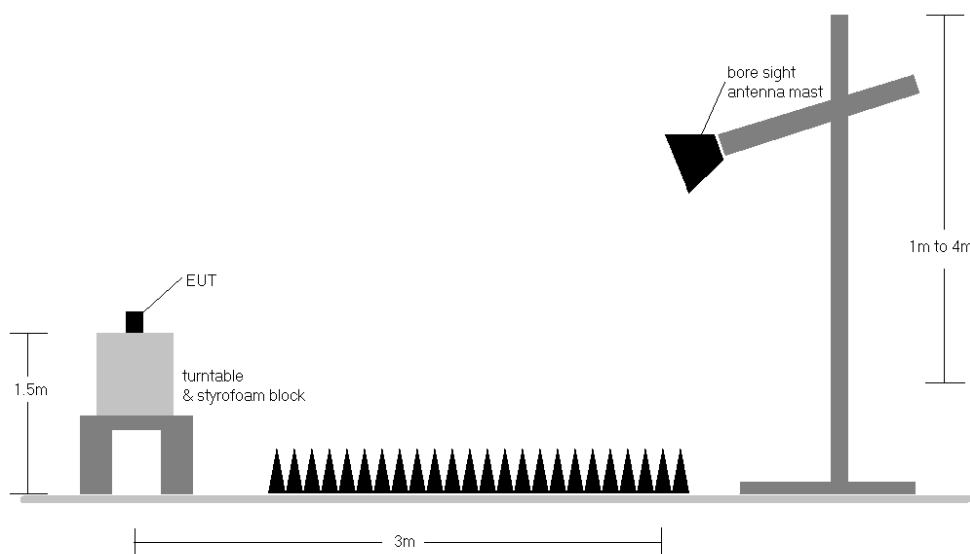


Figure 7-7. Radiated Test Setup >1GHz

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 126 of 156

Test Notes

- 1) 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.
- 2) This unit was tested with its standard battery.
- 3) 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.

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 127 of 156

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	QPSK	704.00	H	140	247	1.12	1 / 25	21.30	22.42	0.174	36.99	-14.57	20.27	0.106	34.77	-14.50
	QPSK	707.50	H	143	256	1.14	1 / 0	20.98	22.12	0.163	36.99	-14.86	19.97	0.099	34.77	-14.80
	QPSK	711.00	H	150	243	1.17	1 / 49	20.55	21.72	0.149	36.99	-15.27	19.57	0.091	34.77	-15.20
	16-QAM	704.00	H	140	247	1.12	1 / 25	20.35	21.47	0.140	36.99	-15.52	19.32	0.085	34.77	-15.45
	16-QAM	707.50	H	143	256	1.14	1 / 0	20.15	21.29	0.135	36.99	-15.69	19.14	0.082	34.77	-15.63
	16-QAM	711.00	H	150	243	1.17	1 / 0	19.28	20.45	0.111	36.99	-16.54	18.30	0.068	34.77	-16.47
5 MHz	QPSK	701.50	H	140	247	1.10	1 / 0	21.48	22.57	0.181	36.99	-14.42	20.42	0.110	34.77	-14.35
	QPSK	707.50	H	143	256	1.14	1 / 12	21.00	22.15	0.164	36.99	-14.84	20.00	0.100	34.77	-14.78
	QPSK	713.50	H	150	243	1.19	1 / 0	20.68	21.87	0.154	36.99	-15.12	19.72	0.094	34.77	-15.05
	16-QAM	701.50	H	140	247	1.10	1 / 0	20.37	21.46	0.140	36.99	-15.53	19.31	0.085	34.77	-15.46
	16-QAM	707.50	H	143	256	1.14	1 / 12	20.42	21.57	0.143	36.99	-15.42	19.42	0.087	34.77	-15.36
	16-QAM	713.50	H	150	243	1.19	1 / 0	19.59	20.78	0.120	36.99	-16.21	18.63	0.073	34.77	-16.14
3 MHz	QPSK	700.50	H	140	247	1.09	1 / 7	21.53	22.62	0.183	36.99	-14.37	20.47	0.112	34.77	-14.30
	QPSK	707.50	H	143	256	1.14	1 / 0	21.01	22.15	0.164	36.99	-14.84	20.00	0.100	34.77	-14.77
	QPSK	714.50	H	150	243	1.20	1 / 7	20.61	21.81	0.152	36.99	-15.18	19.66	0.093	34.77	-15.11
	16-QAM	700.50	H	140	247	1.09	1 / 7	20.53	21.62	0.145	36.99	-15.37	19.47	0.088	34.77	-15.30
	16-QAM	707.50	H	143	256	1.14	1 / 0	20.25	21.40	0.138	36.99	-15.59	19.25	0.084	34.77	-15.52
	16-QAM	714.50	H	150	243	1.20	1 / 7	19.41	20.61	0.115	36.99	-16.38	18.46	0.070	34.77	-16.31
1.4 MHz	QPSK	699.70	H	140	247	1.08	1 / 0	21.35	22.43	0.175	36.99	-14.56	20.28	0.107	34.77	-14.49
	QPSK	707.50	H	143	256	1.14	1 / 5	20.77	21.92	0.156	36.99	-15.07	19.77	0.095	34.77	-15.00
	QPSK	715.30	H	150	243	1.21	6 / 0	20.47	21.68	0.147	36.99	-15.31	19.53	0.090	34.77	-15.24
	16-QAM	699.70	H	140	247	1.08	1 / 0	20.25	21.33	0.136	36.99	-15.66	19.18	0.083	34.77	-15.60
	16-QAM	707.50	H	143	256	1.14	1 / 5	20.07	21.22	0.132	36.99	-15.77	19.07	0.081	34.77	-15.70
	16-QAM	715.30	H	150	243	1.21	1 / 0	19.38	20.59	0.115	36.99	-16.40	18.44	0.070	34.77	-16.33
10 MHz	Opposite Pol.	704.00	V	156	223	1.12	1 / 49	20.47	21.59	0.144	36.99	-15.40	19.44	0.088	34.77	-15.33
	WCP	704.00	H	133	272	1.14	1 / 25	20.48	21.62	0.145	36.99	-15.37	19.47	0.089	34.77	-15.30

Table 7-21. ERP Data (LTE Band 12) – Ant1

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	QPSK	782.00	H	257	245	1.09	1 / 25	19.96	21.05	0.127	36.99	-15.94	18.90	0.078	34.77	-15.88
	16-QAM	782.00	H	257	245	1.09	1 / 25	19.17	20.26	0.106	36.99	-16.73	18.11	0.065	34.77	-16.67
5 MHz	QPSK	779.50	H	257	245	1.11	1 / 0	20.38	21.49	0.141	36.99	-15.50	19.34	0.086	34.77	-15.44
	QPSK	782.00	H	257	245	1.09	1 / 0	20.01	21.09	0.129	36.99	-15.90	18.94	0.078	34.77	-15.83
	QPSK	784.50	H	257	245	1.06	1 / 0	19.80	20.87	0.122	36.99	-16.12	18.72	0.074	34.77	-16.05
	16-QAM	779.50	H	257	245	1.11	1 / 0	19.45	20.55	0.114	36.99	-16.44	18.40	0.069	34.77	-16.37
	16-QAM	782.00	H	257	245	1.09	1 / 0	19.32	20.40	0.110	36.99	-16.58	18.25	0.067	34.77	-16.52
	16-QAM	784.50	H	257	245	1.06	1 / 0	19.19	20.26	0.106	36.99	-16.73	18.11	0.065	34.77	-16.66
10 MHz	Opposite Pol.	782.00	H	137	306	0.89	1 / 49	18.44	19.33	0.086	36.99	-17.66	17.18	0.052	34.77	-17.59
	WCP	782.00	H	133	219	1.09	1 / 25	18.04	19.13	0.082	36.99	-17.86	16.98	0.050	34.77	-17.80

Table 7-22. ERP Data (LTE Band 13) – Ant1

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset		Page 128 of 156

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	QPSK	1720.00	H	182	207	2.88	1 / 0	20.49	23.37	0.217	30.00	-6.63
	QPSK	1745.00	H	124	186	2.84	1 / 50	21.58	24.42	0.277	30.00	-5.58
	QPSK	1770.00	H	124	190	2.79	1 / 50	21.12	23.91	0.246	30.00	-6.09
	16-QAM	1720.00	H	182	207	2.88	1 / 0	19.55	22.43	0.175	30.00	-7.57
	16-QAM	1745.00	H	124	186	2.84	1 / 50	20.75	23.59	0.229	30.00	-6.41
	16-QAM	1770.00	H	124	190	2.79	1 / 50	20.19	22.98	0.199	30.00	-7.02
15 MHz	QPSK	1717.50	H	182	207	2.88	1 / 0	20.59	23.47	0.222	30.00	-6.53
	QPSK	1745.00	H	124	186	2.84	1 / 0	21.51	24.36	0.273	30.00	-5.64
	QPSK	1772.50	H	124	190	2.78	1 / 74	21.13	23.91	0.246	30.00	-6.09
	16-QAM	1717.50	H	182	207	2.88	1 / 0	19.77	22.66	0.184	30.00	-7.34
	16-QAM	1745.00	H	124	186	2.84	1 / 0	20.90	23.75	0.237	30.00	-6.25
	16-QAM	1772.50	H	124	190	2.78	1 / 74	20.32	23.10	0.204	30.00	-6.90
10 MHz	QPSK	1715.00	H	182	207	2.88	1 / 49	20.36	23.24	0.211	30.00	-6.76
	QPSK	1745.00	H	124	186	2.84	1 / 25	21.48	24.32	0.270	30.00	-5.68
	QPSK	1775.00	H	124	190	2.78	1 / 25	20.91	23.68	0.234	30.00	-6.32
	16-QAM	1715.00	H	182	207	2.88	1 / 49	19.36	22.24	0.168	30.00	-7.76
	16-QAM	1745.00	H	124	186	2.84	1 / 25	20.82	23.67	0.233	30.00	-6.33
	16-QAM	1775.00	H	124	190	2.78	1 / 25	20.47	23.25	0.211	30.00	-6.75
5 MHz	QPSK	1712.50	H	182	207	2.89	1 / 12	20.51	23.40	0.219	30.00	-6.60
	QPSK	1745.00	H	124	186	2.84	1 / 0	21.61	24.45	0.279	30.00	-5.55
	QPSK	1777.50	H	124	190	2.77	1 / 24	21.02	23.79	0.240	30.00	-6.21
	16-QAM	1712.50	H	182	207	2.89	1 / 12	19.69	22.58	0.181	30.00	-7.42
	16-QAM	1745.00	H	124	186	2.84	1 / 0	20.96	23.80	0.240	30.00	-6.20
	16-QAM	1777.50	H	124	190	2.77	1 / 24	20.58	23.35	0.216	30.00	-6.65
3 MHz	QPSK	1711.50	H	182	207	2.89	1 / 7	20.40	23.29	0.213	30.00	-6.71
	QPSK	1745.00	H	124	186	2.84	1 / 7	21.60	24.44	0.278	30.00	-5.56
	QPSK	1778.50	H	124	190	2.77	1 / 0	20.84	23.61	0.230	30.00	-6.39
	16-QAM	1711.50	H	182	207	2.89	1 / 7	19.73	22.62	0.183	30.00	-7.38
	16-QAM	1745.00	H	124	186	2.84	1 / 7	20.75	23.59	0.229	30.00	-6.41
	16-QAM	1778.50	H	124	190	2.77	1 / 0	20.43	23.20	0.209	30.00	-6.80
1.4 MHz	QPSK	1710.70	H	182	207	2.89	1 / 0	20.37	23.26	0.212	30.00	-6.74
	QPSK	1745.00	H	124	186	2.84	1 / 0	21.32	24.17	0.261	30.00	-5.83
	QPSK	1779.30	H	124	190	2.77	1 / 0	20.83	23.59	0.229	30.00	-6.41
	16-QAM	1710.70	H	182	207	2.89	1 / 0	19.55	22.44	0.175	30.00	-7.56
	16-QAM	1745.00	H	124	186	2.84	1 / 0	20.85	23.69	0.234	30.00	-6.31
	16-QAM	1779.30	H	124	190	2.77	1 / 0	20.51	23.28	0.213	30.00	-6.72
20 MHz	Opposite Pol.	1745.00	V	153	320	2.94	1 / 50	20.62	23.56	0.227	30.00	-6.44
	WCP	1745.00	H	175	147	2.84	1 / 50	20.64	23.48	0.223	30.00	-6.52

Table 7-23. EIRP Data (LTE Band 66/4) – Ant1

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 129 of 156

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
45 MHz	$\pi/2$ BPSK	1732.50	H	137	209	2.86	1 / 240	21.67	24.53	0.284	30.00	-5.47
	$\pi/2$ BPSK	1745.00	H	140	207	2.84	1 / 1	21.39	24.23	0.265	30.00	-5.77
	$\pi/2$ BPSK	1757.50	H	231	205	2.82	1 / 121	21.15	23.97	0.250	30.00	-6.03
	QPSK	1732.50	H	137	209	2.86	1 / 240	21.82	24.68	0.294	30.00	-5.32
	QPSK	1745.00	H	140	207	2.84	1 / 240	21.55	24.39	0.275	30.00	-5.61
	QPSK	1757.50	H	231	205	2.82	1 / 240	21.20	24.02	0.253	30.00	-5.98
	16-QAM	1732.50	H	137	209	2.86	1 / 121	20.57	23.43	0.220	30.00	-6.57
	$\pi/2$ BPSK	1730.00	H	137	209	2.86	1 / 80	21.50	24.36	0.273	30.00	-5.64
	$\pi/2$ BPSK	1745.00	H	209	207	2.84	1 / 80	21.27	24.11	0.258	30.00	-5.89
	$\pi/2$ BPSK	1760.00	H	231	205	2.81	1 / 80	20.88	23.69	0.234	30.00	-6.31
40 MHz	QPSK	1730.00	H	137	209	2.86	1 / 80	21.47	24.33	0.271	30.00	-5.67
	QPSK	1745.00	H	140	207	2.84	1 / 80	21.45	24.29	0.269	30.00	-5.71
	QPSK	1760.00	H	231	205	2.81	1 / 80	21.00	23.81	0.241	30.00	-6.19
	16-QAM	1730.00	H	137	209	2.86	1 / 80	20.40	23.26	0.212	30.00	-6.74
	$\pi/2$ BPSK	1727.50	H	137	209	2.87	1 / 94	21.53	24.39	0.275	30.00	-5.61
	$\pi/2$ BPSK	1745.00	H	140	207	2.84	1 / 1	21.22	24.06	0.255	30.00	-5.94
	$\pi/2$ BPSK	1762.50	H	231	205	2.81	1 / 186	20.92	23.72	0.236	30.00	-6.28
	QPSK	1727.50	H	137	209	2.87	1 / 94	21.49	24.35	0.273	30.00	-5.65
	QPSK	1745.00	H	140	207	2.84	1 / 94	21.42	24.26	0.267	30.00	-5.74
	QPSK	1762.50	H	231	205	2.81	1 / 186	20.93	23.73	0.236	30.00	-6.27
35 MHz	16-QAM	1727.50	H	137	209	2.87	1 / 186	20.44	23.30	0.214	30.00	-6.70
	$\pi/2$ BPSK	1725.00	H	137	209	2.87	1 / 158	21.56	24.43	0.278	30.00	-5.57
	$\pi/2$ BPSK	1745.00	H	209	207	2.84	1 / 158	21.28	24.12	0.258	30.00	-5.88
	$\pi/2$ BPSK	1765.00	H	231	205	2.80	1 / 1	21.12	23.92	0.247	30.00	-6.08
	QPSK	1725.00	H	137	209	2.87	1 / 1	21.52	24.39	0.275	30.00	-5.61
	QPSK	1745.00	H	140	207	2.84	1 / 158	21.49	24.33	0.271	30.00	-5.67
	QPSK	1765.00	H	231	205	2.80	1 / 158	21.10	23.90	0.246	30.00	-6.10
	16-QAM	1725.00	H	137	209	2.87	1 / 1	20.46	23.33	0.215	30.00	-6.67
	$\pi/2$ BPSK	1722.5	H	137	209	2.87	1 / 1	21.54	24.41	0.276	30.00	-5.59
	$\pi/2$ BPSK	1745.0	H	209	207	2.84	1 / 1	21.31	24.15	0.260	30.00	-5.85
30 MHz	$\pi/2$ BPSK	1767.5	H	231	205	2.80	1 / 1	21.23	24.02	0.253	30.00	-5.98
	QPSK	1722.5	H	137	209	2.87	1 / 1	21.55	24.42	0.277	30.00	-5.58
	QPSK	1745.0	H	140	207	2.84	1 / 1	21.53	24.37	0.274	30.00	-5.63
	QPSK	1767.5	H	231	205	2.80	1 / 1	21.05	23.84	0.242	30.00	-6.16
	16-QAM	1722.5	H	137	209	2.87	1 / 1	20.45	23.32	0.215	30.00	-6.68
	$\pi/2$ BPSK	1720.00	H	137	209	2.88	1 / 1	21.42	24.29	0.269	30.00	-5.71
	$\pi/2$ BPSK	1745.00	H	209	207	2.84	1 / 53	21.28	24.12	0.258	30.00	-5.88
	$\pi/2$ BPSK	1770.00	H	231	205	2.79	1 / 53	20.98	23.77	0.238	30.00	-6.23
	QPSK	1720.00	H	137	209	2.88	1 / 1	21.47	24.34	0.272	30.00	-5.66
	QPSK	1745.00	H	140	207	2.84	1 / 104	21.62	24.46	0.279	30.00	-5.54
25 MHz	QPSK	1770.00	H	231	205	2.79	1 / 1	21.02	23.81	0.241	30.00	-6.19
	16-QAM	1720.00	H	137	209	2.88	1 / 1	20.41	23.28	0.213	30.00	-6.72
	$\pi/2$ BPSK	1717.50	H	137	209	2.88	1 / 1	21.52	24.40	0.276	30.00	-5.60
	$\pi/2$ BPSK	1745.00	H	209	207	2.84	1 / 39	21.37	24.21	0.264	30.00	-5.79
	$\pi/2$ BPSK	1772.50	H	231	205	2.78	1 / 1	21.01	23.79	0.240	30.00	-6.21
	QPSK	1717.50	H	137	209	2.88	1 / 77	21.52	24.40	0.276	30.00	-5.60
	QPSK	1745.00	H	140	207	2.84	1 / 1	21.50	24.34	0.272	30.00	-5.66
	QPSK	1772.50	H	231	205	2.78	1 / 1	21.03	23.81	0.241	30.00	-6.19
	16-QAM	1717.50	H	137	209	2.88	1 / 1	20.39	23.27	0.213	30.00	-6.73
	$\pi/2$ BPSK	1715.00	H	137	209	2.88	1 / 26	21.51	24.39	0.275	30.00	-5.61
20 MHz	$\pi/2$ BPSK	1745.00	H	209	207	2.84	1 / 50	21.32	24.16	0.261	30.00	-5.84
	$\pi/2$ BPSK	1775.00	H	231	205	2.78	1 / 1	21.06	23.83	0.242	30.00	-6.17
	QPSK	1715.00	H	137	209	2.88	1 / 26	21.47	24.35	0.273	30.00	-5.65
	QPSK	1745.00	H	140	207	2.84	1 / 26	21.48	24.32	0.271	30.00	-5.68
	QPSK	1775.00	H	231	205	2.78	1 / 1	21.07	23.84	0.242	30.00	-6.16
	16-QAM	1715.00	H	137	209	2.88	1 / 26	20.42	23.30	0.214	30.00	-6.70
	$\pi/2$ BPSK	1712.50	H	137	209	2.89	1 / 23	21.44	24.32	0.271	30.00	-5.68
	$\pi/2$ BPSK	1745.00	H	209	207	2.84	1 / 23	21.33	24.17	0.261	30.00	-5.83
	$\pi/2$ BPSK	1777.50	H	231	205	2.77	1 / 1	21.09	23.86	0.243	30.00	-6.14
	QPSK	1712.50	H	137	209	2.89	1 / 23	21.44	24.32	0.271	30.00	-5.68
15 MHz	QPSK	1745.00	H	140	207	2.84	1 / 1	21.54	24.38	0.274	30.00	-5.62
	QPSK	1777.50	H	231	205	2.77	1 / 12	21.06	23.83	0.242	30.00	-6.17
	16-QAM	1745.00	H	140	207	2.84	1 / 12	20.34	23.18	0.208	30.00	-6.82
	QPSK (CP-OFDM)	1730.00	H	140	207	2.86	1 / 108	19.85	22.71	0.187	30.00	-7.29
	QPSK (Opposite Pol.)	1730.00	V	127	209	2.94	1 / 108	20.26	23.20	0.209	30.00	-6.80
	QPSK (WCP)	1730.00	H	235	21	2.86	1 / 108	20.74	23.60	0.229	30.00	-6.40

Table 7-24. EIRP Data (NR Band n66) – Ant1

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 130 of 156

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	QPSK	704.00	H	133	174	1.12	1 / 25	17.65	18.77	0.075	36.99	-18.22	16.62	0.046	34.77	-18.15
	QPSK	707.50	H	133	172	1.14	1 / 0	17.98	19.12	0.082	36.99	-17.86	16.97	0.050	34.77	-17.80
	QPSK	711.00	H	133	170	1.17	1 / 0	17.91	19.08	0.081	36.99	-17.91	16.93	0.049	34.77	-17.84
	16-QAM	704.00	H	133	174	1.12	1 / 25	16.95	18.07	0.064	36.99	-18.92	15.92	0.039	34.77	-18.85
	16-QAM	707.50	H	133	172	1.14	1 / 0	17.15	18.29	0.068	36.99	-18.69	16.14	0.041	34.77	-18.63
	16-QAM	711.00	H	133	170	1.17	1 / 0	17.05	18.22	0.066	36.99	-18.77	16.07	0.040	34.77	-18.70
5 MHz	QPSK	701.50	H	133	174	1.10	1 / 0	17.96	19.05	0.080	36.99	-17.94	16.90	0.049	34.77	-17.87
	QPSK	707.50	H	133	172	1.14	1 / 12	18.26	19.41	0.087	36.99	-17.58	17.26	0.053	34.77	-17.51
	QPSK	713.50	H	133	170	1.19	1 / 12	17.93	19.12	0.082	36.99	-17.87	16.97	0.050	34.77	-17.80
	16-QAM	701.50	H	133	174	1.10	1 / 0	17.20	18.30	0.068	36.99	-18.69	16.15	0.041	34.77	-18.62
	16-QAM	707.50	H	133	172	1.14	1 / 12	17.08	18.23	0.066	36.99	-18.76	16.08	0.041	34.77	-18.70
	16-QAM	713.50	H	133	170	1.19	1 / 12	17.12	18.31	0.068	36.99	-18.68	16.16	0.041	34.77	-18.61
3 MHz	QPSK	700.50	H	133	174	1.09	1 / 7	17.79	18.88	0.077	36.99	-18.11	16.73	0.047	34.77	-18.04
	QPSK	707.50	H	133	172	1.14	1 / 0	18.08	19.22	0.084	36.99	-17.77	17.07	0.051	34.77	-17.70
	QPSK	714.50	H	133	170	1.20	1 / 0	17.79	18.99	0.079	36.99	-18.00	16.84	0.048	34.77	-17.93
	16-QAM	700.50	H	133	174	1.09	1 / 7	17.30	18.39	0.069	36.99	-18.60	16.24	0.042	34.77	-18.53
	16-QAM	707.50	H	133	172	1.14	1 / 0	17.27	18.41	0.069	36.99	-18.58	16.26	0.042	34.77	-18.51
	16-QAM	714.50	H	133	170	1.20	1 / 0	17.30	18.50	0.071	36.99	-18.49	16.35	0.043	34.77	-18.42
1.4 MHz	QPSK	699.70	H	133	174	1.08	1 / 0	17.84	18.92	0.078	36.99	-18.07	16.77	0.048	34.77	-18.00
	QPSK	707.50	H	133	172	1.14	1 / 5	18.01	19.16	0.082	36.99	-17.83	17.01	0.050	34.77	-17.76
	QPSK	715.30	H	133	170	1.21	1 / 3	17.72	18.93	0.078	36.99	-18.06	16.78	0.048	34.77	-17.99
	16-QAM	699.70	H	133	174	1.08	1 / 0	17.29	18.37	0.069	36.99	-18.62	16.22	0.042	34.77	-18.55
	16-QAM	707.50	H	133	172	1.14	1 / 5	17.00	18.14	0.065	36.99	-18.85	15.99	0.040	34.77	-18.78
	16-QAM	715.30	H	133	170	1.21	1 / 3	17.08	18.29	0.067	36.99	-18.70	16.14	0.041	34.77	-18.63
10 MHz	Opposite Pol.	707.50	V	165	122	1.14	1 / 49	17.44	18.58	0.072	36.99	-18.40	16.43	0.044	34.77	-18.34
	WCP	707.50	H	257	161	1.16	1 / 49	17.55	18.71	0.074	36.99	-18.28	16.56	0.045	34.77	-18.21

Table 7-25. ERP Data (LTE Band 12) – Ant2

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	QPSK	782.00	H	237	63	1.09	1 / 0	17.83	18.92	0.078	36.99	-18.07	16.77	0.047	34.77	-18.01
	16-QAM	782.00	H	237	63	1.09	1 / 0	17.04	18.13	0.065	36.99	-18.86	15.98	0.040	34.77	-18.80
5 MHz	QPSK	779.50	H	237	63	1.11	1 / 0	18.28	19.39	0.087	36.99	-17.60	17.24	0.053	34.77	-17.54
	QPSK	782.00	H	237	63	1.09	1 / 0	17.72	18.81	0.076	36.99	-18.18	16.66	0.046	34.77	-18.11
	QPSK	784.50	H	237	63	1.06	1 / 24	17.69	18.75	0.075	36.99	-18.24	16.60	0.046	34.77	-18.17
	16-QAM	779.50	H	237	63	1.11	1 / 0	17.48	18.59	0.072	36.99	-18.40	16.44	0.044	34.77	-18.33
	16-QAM	782.00	H	237	63	1.09	1 / 0	17.07	18.16	0.065	36.99	-18.83	16.01	0.040	34.77	-18.76
	16-QAM	784.50	H	237	63	1.06	1 / 24	17.33	18.40	0.069	36.99	-18.59	16.25	0.042	34.77	-18.53
10 MHz	Opposite Pol.	782.00	V	155	90	0.89	1 / 0	17.29	18.18	0.066	36.99	-18.81	16.03	0.040	34.77	-18.74
	WCP	782.00	H	21	76	1.09	1 / 0	15.70	16.79	0.048	36.99	-20.20	14.64	0.029	34.77	-20.14

Table 7-26. ERP Data (LTE Band 13) – Ant2

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset		Page 131 of 156

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
45 MHz	$\pi/2$ BPSK	1732.50	H	309	359	2.86	1 / 240	18.92	21.78	0.151	30.00	-8.22
	$\pi/2$ BPSK	1745.00	H	251	347	2.84	1 / 121	19.03	21.87	0.154	30.00	-8.13
	$\pi/2$ BPSK	1757.50	H	251	345	2.82	1 / 121	18.63	21.45	0.140	30.00	-8.55
	QPSK	1732.50	H	309	359	2.86	1 / 240	18.90	21.76	0.150	30.00	-8.24
	QPSK	1745.00	H	251	347	2.84	1 / 121	18.90	21.74	0.149	30.00	-8.26
	QPSK	1757.50	H	251	345	2.82	1 / 121	18.55	21.37	0.137	30.00	-8.63
40 MHz	16-QAM	1732.50	H	309	359	2.86	1 / 240	17.72	20.58	0.114	30.00	-9.42
	$\pi/2$ BPSK	1730.00	H	309	359	2.86	1 / 158	18.72	21.58	0.144	30.00	-8.42
	$\pi/2$ BPSK	1745.00	H	251	347	2.84	1 / 80	18.85	21.69	0.148	30.00	-8.31
	$\pi/2$ BPSK	1760.00	H	251	345	2.81	1 / 80	18.48	21.29	0.135	30.00	-8.71
	QPSK	1730.00	H	309	359	2.86	1 / 158	18.74	21.60	0.145	30.00	-8.40
	QPSK	1745.00	H	251	347	2.84	1 / 80	18.71	21.55	0.143	30.00	-8.45
35 MHz	QPSK	1760.00	H	251	345	2.81	1 / 80	18.46	21.27	0.134	30.00	-8.73
	16-QAM	1730.00	H	309	359	2.86	1 / 158	17.59	20.45	0.111	30.00	-9.55
	$\pi/2$ BPSK	1727.50	H	309	359	2.87	1 / 186	18.81	21.67	0.147	30.00	-8.33
	$\pi/2$ BPSK	1745.00	H	251	347	2.84	1 / 94	18.85	21.69	0.148	30.00	-8.31
	$\pi/2$ BPSK	1762.50	H	251	345	2.81	1 / 94	18.36	21.16	0.131	30.00	-8.84
	QPSK	1727.50	H	309	359	2.87	1 / 186	18.79	21.65	0.146	30.00	-8.35
30 MHz	QPSK	1745.00	H	251	347	2.84	1 / 94	18.71	21.55	0.143	30.00	-8.45
	QPSK	1762.50	H	251	345	2.81	1 / 1	18.16	20.96	0.125	30.00	-9.04
	16-QAM	1727.50	H	309	359	2.87	1 / 94	17.69	20.55	0.114	30.00	-9.45
	$\pi/2$ BPSK	1725.00	H	309	359	2.87	1 / 80	18.75	21.62	0.145	30.00	-8.38
	$\pi/2$ BPSK	1745.00	H	251	347	2.84	1 / 1	18.54	21.38	0.138	30.00	-8.62
	$\pi/2$ BPSK	1765.00	H	251	345	2.80	1 / 1	18.12	20.92	0.124	30.00	-9.08
25 MHz	QPSK	1725.00	H	309	359	2.87	1 / 80	18.72	21.59	0.144	30.00	-8.41
	QPSK	1745.00	H	251	347	2.84	1 / 80	18.48	21.32	0.136	30.00	-8.68
	QPSK	1765.00	H	251	345	2.80	1 / 1	18.17	20.97	0.125	30.00	-9.03
	16-QAM	1725.00	H	309	359	2.87	1 / 80	17.61	20.48	0.112	30.00	-9.52
	$\pi/2$ BPSK	1722.5	H	309	359	2.87	1 / 1	18.51	21.38	0.138	30.00	-8.62
	$\pi/2$ BPSK	1745.0	H	251	347	2.84	1 / 66	18.70	21.54	0.143	30.00	-8.46
20 MHz	$\pi/2$ BPSK	1767.5	H	251	345	2.80	1 / 66	18.16	20.95	0.125	30.00	-9.05
	QPSK	1722.5	H	309	359	2.87	1 / 1	18.43	21.30	0.135	30.00	-8.70
	QPSK	1745.0	H	251	347	2.84	1 / 66	18.50	21.34	0.136	30.00	-8.66
	QPSK	1767.5	H	251	345	2.80	1 / 1	18.27	21.06	0.128	30.00	-8.94
	16-QAM	1722.5	H	309	359	2.87	1 / 1	17.29	20.16	0.104	30.00	-9.84
	$\pi/2$ BPSK	1720.00	H	309	359	2.88	1 / 53	18.28	21.15	0.130	30.00	-8.85
15 MHz	$\pi/2$ BPSK	1745.00	H	251	347	2.84	1 / 53	18.66	21.50	0.141	30.00	-8.50
	$\pi/2$ BPSK	1770.00	H	251	345	2.79	1 / 1	18.00	20.79	0.120	30.00	-9.21
	QPSK	1720.00	H	309	359	2.88	1 / 53	18.34	21.21	0.132	30.00	-8.79
	QPSK	1745.00	H	251	347	2.84	1 / 53	18.39	21.23	0.133	30.00	-8.77
	QPSK	1770.00	H	251	345	2.79	1 / 1	17.98	20.77	0.119	30.00	-9.23
	16-QAM	1720.00	H	309	359	2.88	1 / 104	17.16	20.03	0.101	30.00	-9.97
10 MHz	$\pi/2$ BPSK	1717.50	H	309	359	2.88	1 / 1	18.31	21.19	0.132	30.00	-8.81
	$\pi/2$ BPSK	1745.00	H	251	347	2.84	1 / 77	18.73	21.57	0.144	30.00	-8.43
	$\pi/2$ BPSK	1772.50	H	251	345	2.78	1 / 1	18.12	20.90	0.123	30.00	-9.10
	QPSK	1717.50	H	309	359	2.88	1 / 1	18.35	21.23	0.133	30.00	-8.77
	QPSK	1745.00	H	251	347	2.84	1 / 1	18.63	21.47	0.140	30.00	-8.53
	QPSK	1772.50	H	251	345	2.78	1 / 1	18.15	20.93	0.124	30.00	-9.07
5 MHz	16-QAM	1717.50	H	309	359	2.88	1 / 1	17.23	20.11	0.103	30.00	-9.89
	$\pi/2$ BPSK	1715.00	H	309	359	2.88	1 / 50	18.40	21.28	0.134	30.00	-8.72
	$\pi/2$ BPSK	1745.00	H	251	347	2.84	1 / 50	18.75	21.59	0.144	30.00	-8.41
	$\pi/2$ BPSK	1775.00	H	251	345	2.78	1 / 1	18.41	21.18	0.131	30.00	-8.82
	QPSK	1715.00	H	309	359	2.88	1 / 1	18.26	21.14	0.130	30.00	-8.86
	QPSK	1745.00	H	251	347	2.84	1 / 50	18.54	21.38	0.138	30.00	-8.62
45 MHz	QPSK	1775.00	H	251	345	2.78	1 / 26	18.35	21.12	0.130	30.00	-8.88
	16-QAM	1745.00	H	251	347	2.84	1 / 26	17.29	20.13	0.103	30.00	-9.87
	$\pi/2$ BPSK	1712.50	H	309	359	2.89	1 / 12	18.71	21.59	0.144	30.00	-8.41
	$\pi/2$ BPSK	1745.00	H	251	347	2.84	1 / 12	19.00	21.84	0.153	30.00	-8.16
	$\pi/2$ BPSK	1777.50	H	251	345	2.77	1 / 1	18.36	21.13	0.130	30.00	-8.87
	QPSK	1712.50	H	309	359	2.89	1 / 1	18.67	21.55	0.143	30.00	-8.45
45 MHz	QPSK	1745.00	H	251	347	2.84	1 / 12	18.78	21.62	0.145	30.00	-8.38
	QPSK	1777.50	H	251	345	2.77	1 / 12	18.37	21.14	0.130	30.00	-8.86
	16-QAM	1712.50	H	309	359	2.89	1 / 1	17.55	20.43	0.111	30.00	-9.57
	QPSK (CP-OFDM)	1745.00	H	251	347	2.84	1 / 108	17.16	20.00	0.100	30.00	-10.00
45 MHz	QPSK (Opposite Pol.)	1745.00	V	153	21	2.94	1 / 108	18.58	21.52	0.142	30.00	-8.48
	QPSK (WCP)	1745.00	H	133	312	2.84	1 / 108	18.23	21.07	0.128	30.00	-8.93

Table 7-27. EIRP Data (NR Band n66) – Ant2

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 132 of 156

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: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 133 of 156

Test Setup

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

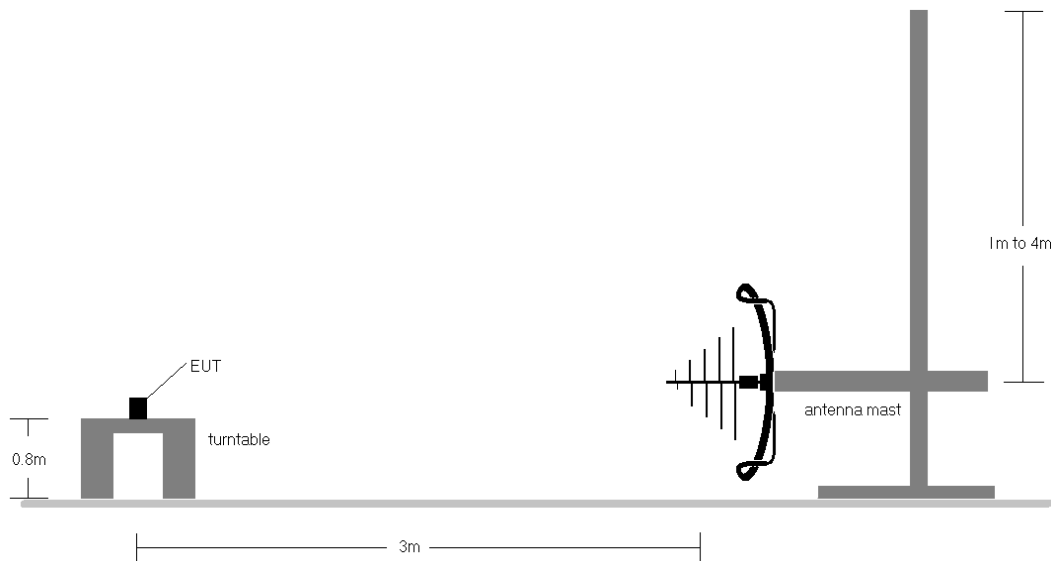


Figure 7-8. Test Instrument & Measurement Setup < 1GHz

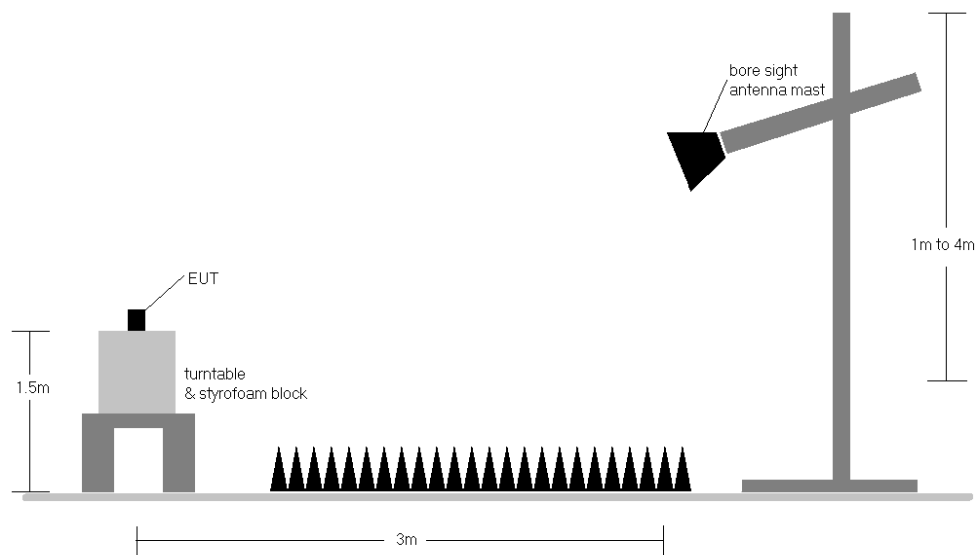


Figure 7-9. Test Instrument & Measurement Setup > 1GHz

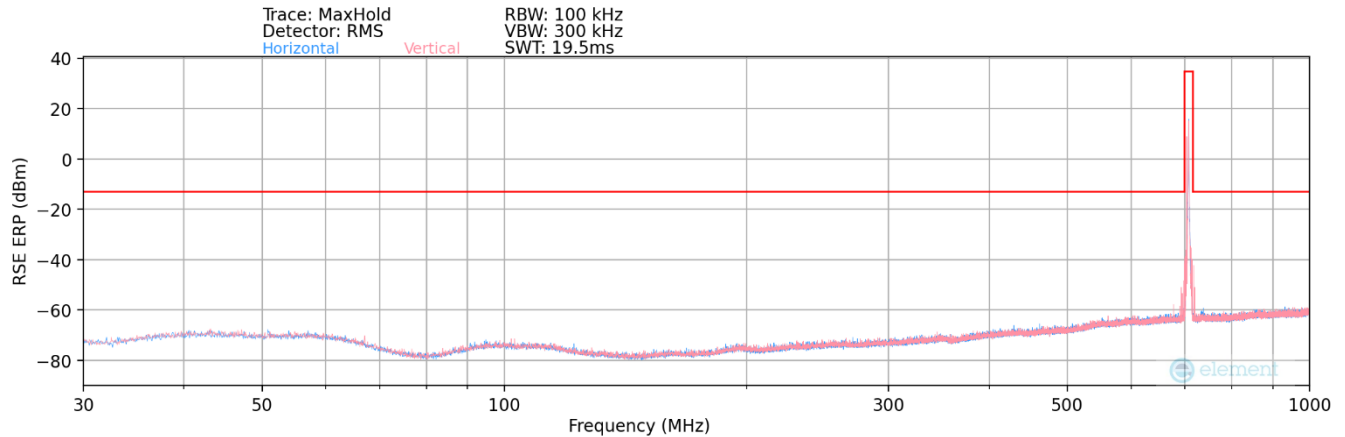
FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 134 of 156

Test Notes

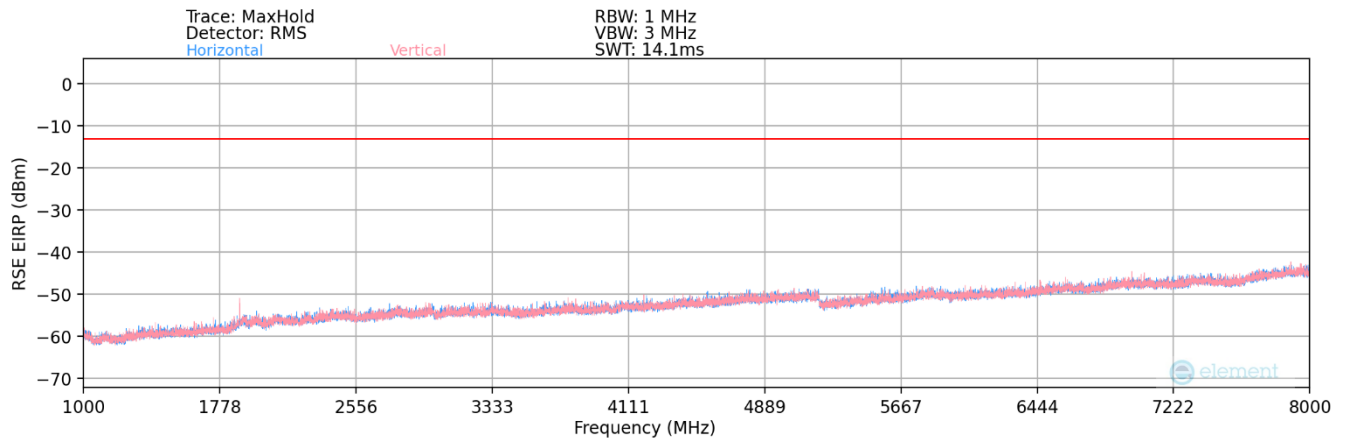
- 1) Field strengths are calculated using the Measurement quantity conversions in ANSI C63.26-2015 Section 5.2.7:
 - a) $E(\text{dB}\mu\text{V/m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b) $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V/m}) + 20\log D - 104.8$; where D is the measurement distance in meters.
- 2) 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.
- 3) This unit was tested with its standard battery.
- 4) The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
- 5) 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.
- 6) The "-" shown in the following RSE tables are used to denote a noise floor measurement.
- 7) 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.
- 8) Spurious emission in EN-DC Operating mode with Sub 6GHz NR carrier as well as an LTE carrier (anchor) has been checked and was found to not to be the worst case. Spurious emissions from the NR carrier device are subject to the rules under which the NR carrier operates. Spurious emissions caused by the LTE carrier must meet the requirements of the rules under which the LTE carrier operates.

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 135 of 156

LTE Band 12 – Ant1



Plot 7-161. Radiated Spurious Plot (LTE Band 12) – Ant1



Plot 7-162. Radiated Spurious Plot (LTE Band 12) – Ant1

Bandwidth (MHz):	10
Frequency (MHz):	707.5
RB / Offset:	1 / 25

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]
150.00	H	-	-	-81.83	-16.75	8.42	-88.99	-13.00	-75.99
300.00	H	-	-	-83.70	-11.07	12.23	-85.17	-13.00	-72.17
450.00	H	-	-	-85.50	-7.87	13.63	-83.78	-13.00	-70.78

Table 7-28. Radiated Spurious Data (LTE Band 12 – Mid Channel) – Ant1

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset		Page 136 of 156

Bandwidth (MHz):	10
Frequency (MHz):	704
RB / Offset:	1 / 25

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]
1408.00	H	-	-	-76.31	-2.56	28.13	-67.13	-13.00	-54.13
2112.00	H	-	-	-77.32	1.75	31.43	-63.83	-13.00	-50.83
2816.00	H	-	-	-78.38	3.78	32.40	-62.85	-13.00	-49.85

Table 7-29. Radiated Spurious Data (LTE Band 12 – Low Channel) – Ant1

Bandwidth (MHz):	10
Frequency (MHz):	707.5
RB / Offset:	1 / 25

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]
1415.00	H	108	319	-75.10	-2.66	29.24	-66.02	-13.00	-53.02
2122.50	H	-	-	-77.74	1.69	30.95	-64.31	-13.00	-51.31
2830.00	H	-	-	-78.00	3.52	32.52	-62.74	-13.00	-49.74
3537.50	H	-	-	-78.17	4.23	33.06	-62.20	-13.00	-49.20

Table 7-30. Radiated Spurious Data (LTE Band 12 – Mid Channel) – Ant1

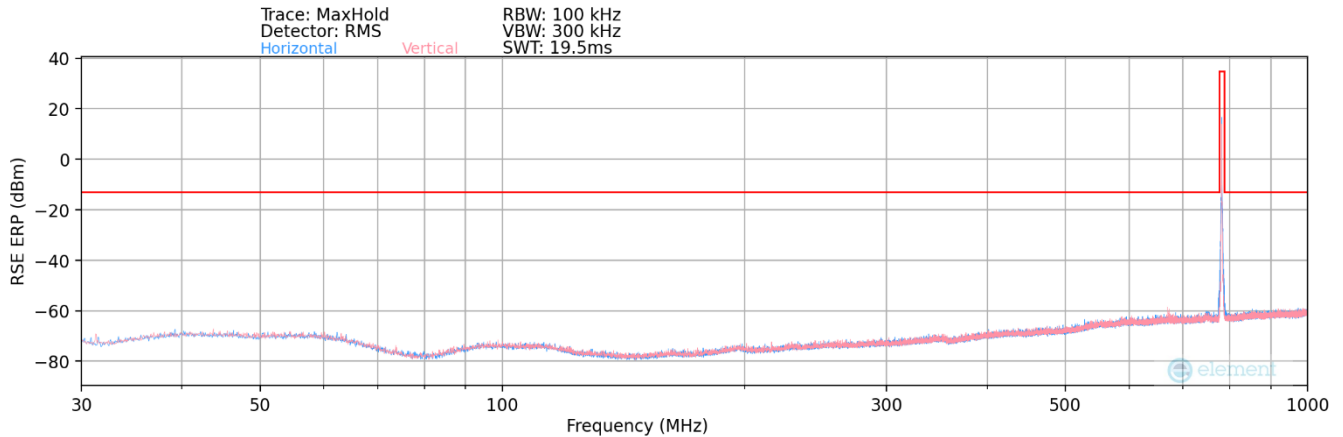
Bandwidth (MHz):	10
Frequency (MHz):	711
RB / Offset:	1 / 25

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]
1422.00	H	143	218	-74.25	-2.61	30.14	-65.11	-13.00	-52.11
2133.00	H	-	-	-77.81	1.64	30.83	-64.43	-13.00	-51.43
2844.00	H	-	-	-77.98	3.16	32.18	-63.08	-13.00	-50.08
3555.00	H	-	-	-78.43	4.32	32.89	-62.37	-13.00	-49.37

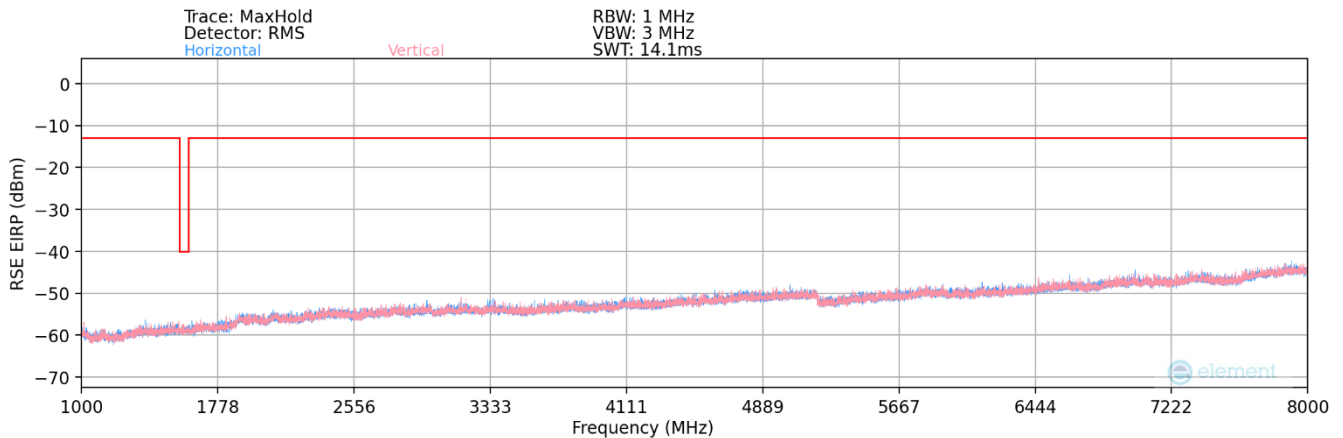
Table 7-31. Radiated Spurious Data (LTE Band 12 – High Channel) – Ant1

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 137 of 156

LTE Band 13 – Ant1



Plot 7-163. Radiated Spurious Plot (LTE Band 13) – Ant1



Plot 7-164. Radiated Spurious Plot (LTE Band 13) – Ant1

Bandwidth (MHz):	10
Frequency (MHz):	782
RB / Offset:	1 / 25

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]
675.00	V	354	258	-86.85	-3.39	16.76	-80.64	-13.00	-67.64

Table 7-32. Radiated Spurious Data (LTE Band 13) – Ant1

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT				Approved by: Technical Manager	
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset			Page 138 of 156	

Bandwidth (MHz):	10
Frequency (MHz):	782
RB / Offset:	1 / 25

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]
1564.00	V	-	-	-77.09	-1.31	28.60	-66.65	-40.00	-26.65
2346.00	V	201	48	-60.16	2.18	49.02	-46.24	-13.00	-33.24
3128.00	V	-	-	-77.97	3.71	32.74	-62.52	-13.00	-49.52
3910.00	V	-	-	-78.51	4.71	33.20	-62.05	-13.00	-49.05
4692.00	V	-	-	-78.86	5.92	34.06	-61.20	-13.00	-48.20

Table 7-33. Radiated Spurious Data (LTE Band 13 – Mid Channel) – Ant1

FCC ID: A3LSMS948JPN	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2508270082-04.A3L	Test Dates: 9/2/2025 - 10/31/2025	EUT Type: Portable Handset	Page 139 of 156