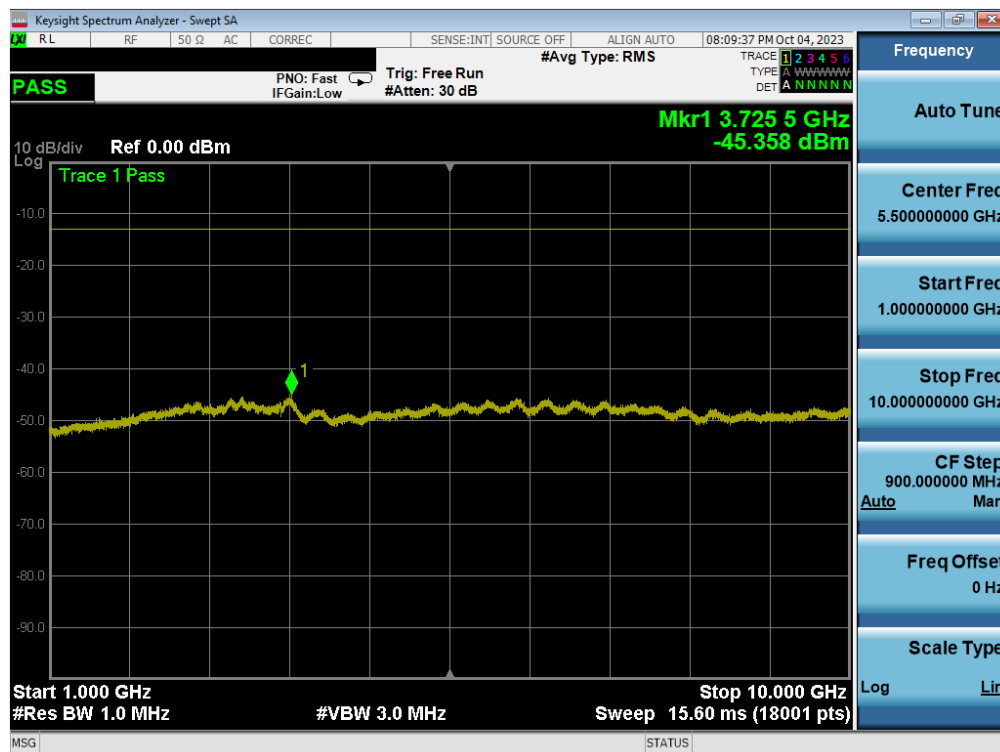
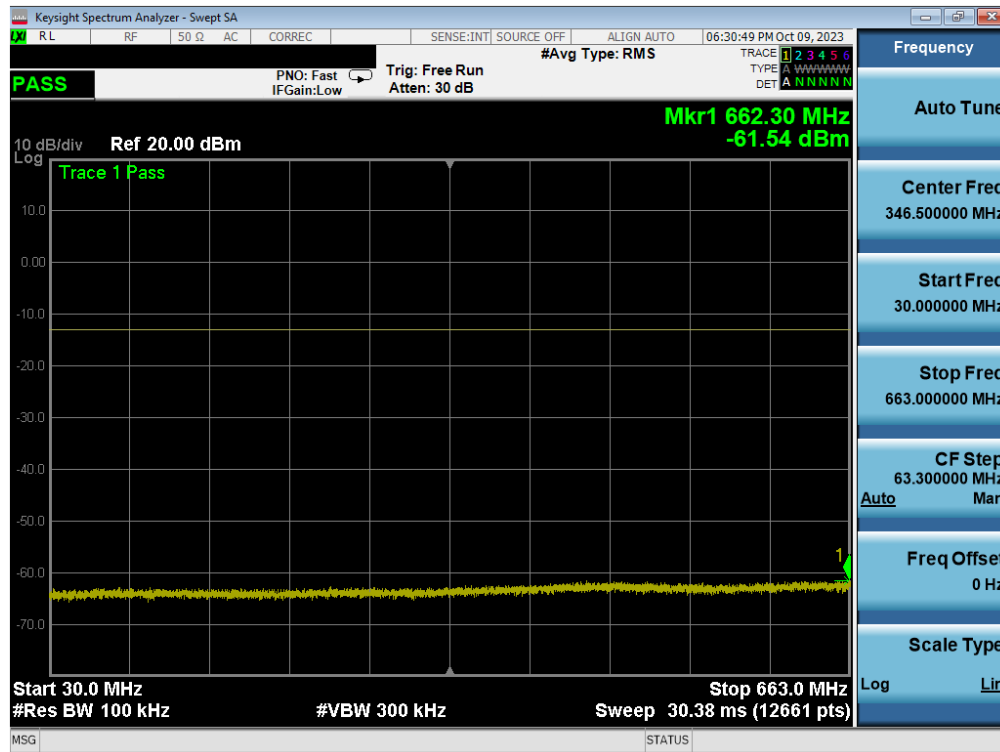




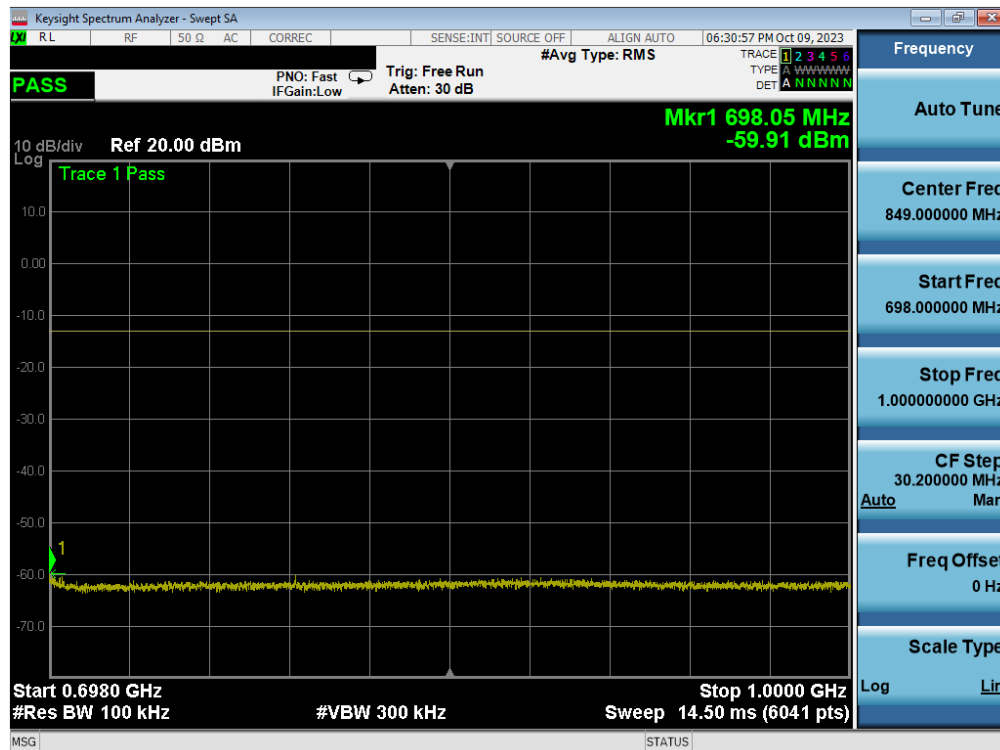
Plot 7-211. Conducted Spurious Plot (LTE Band 13 - 10MHz QPSK - 1 RB)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n71 – ANT2

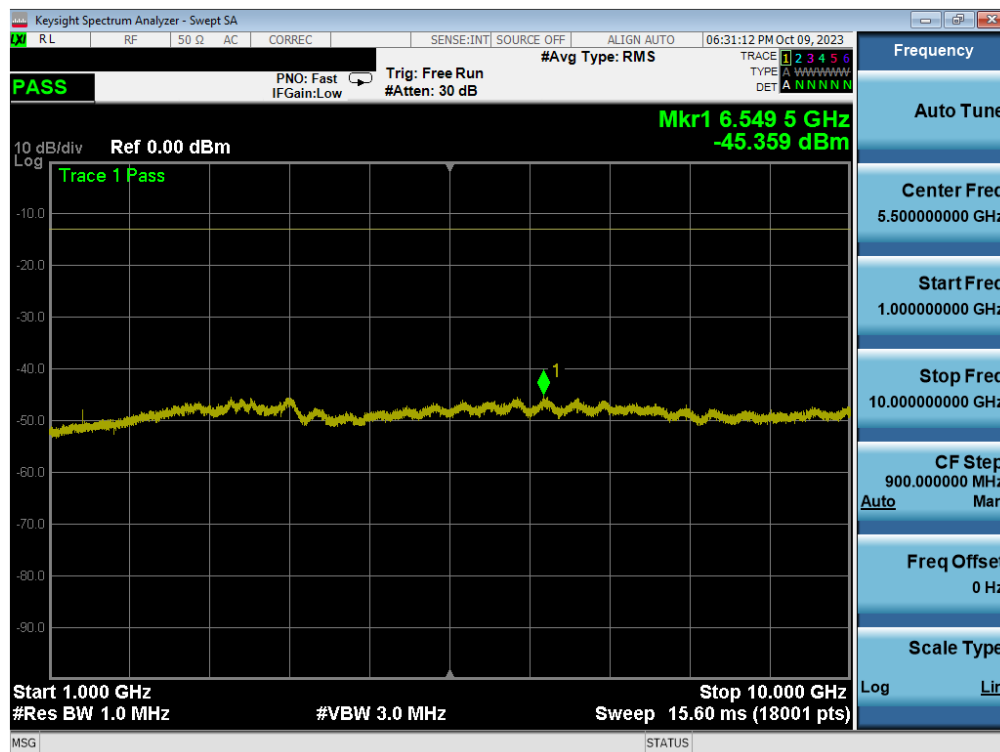


Plot 7-212. Conducted Spurious Plot (NR Band n71 - 20.0MHz - 1 RB - High Channel - ANT2)



Plot 7-213. Conducted Spurious Plot (NR Band n71 - 20.0MHz - 1 RB - High Channel - ANT2)

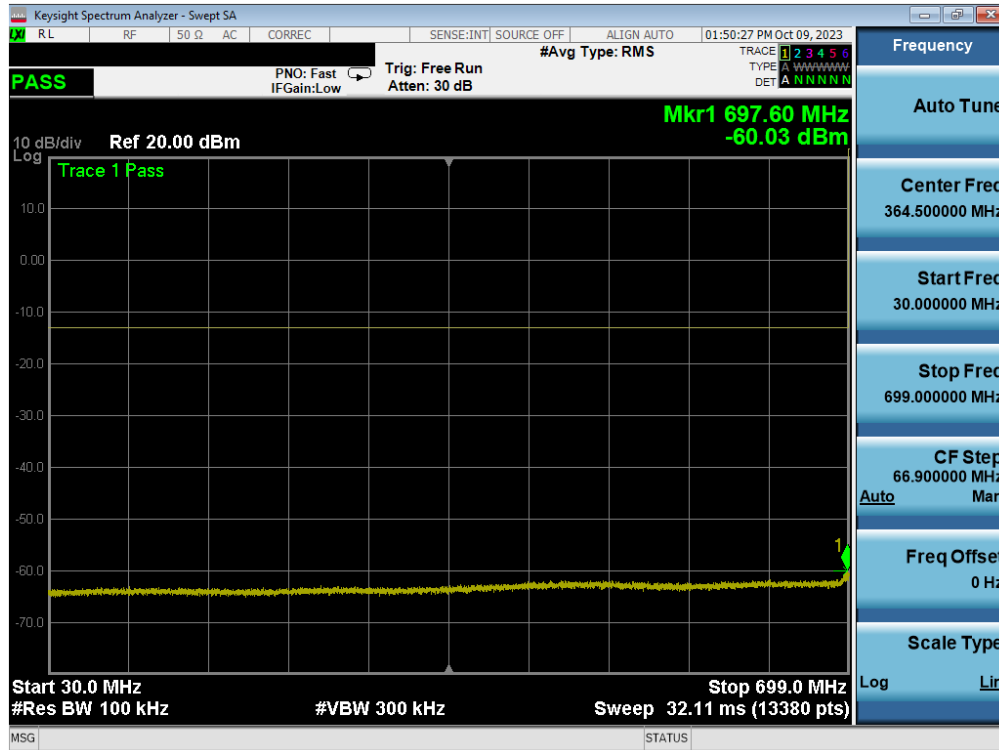
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 145 of 275



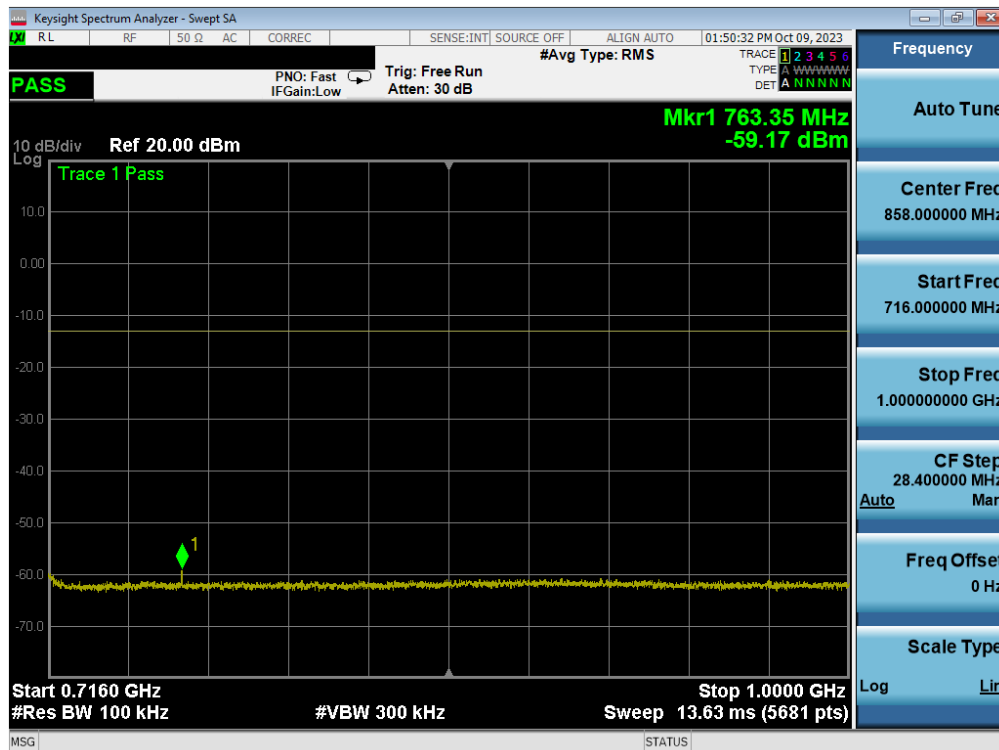
Plot 7-214. Conducted Spurious Plot (NR Band n71 - 20.0MHz - 1 RB - High Channel - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n12 – ANT2

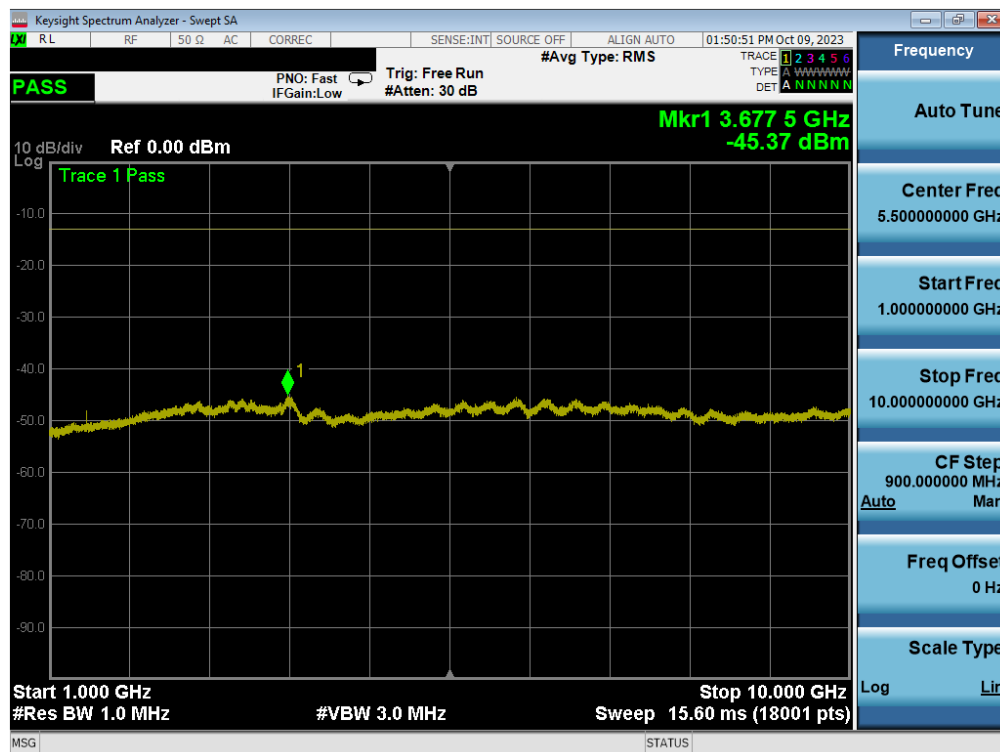


Plot 7-215. Conducted Spurious Plot (NR Band n12 -15.0MHz - 1 RB - High Channel - ANT2)



Plot 7-216. Conducted Spurious Plot (NR Band n12 - 15.0MHz - 1 RB - High Channel - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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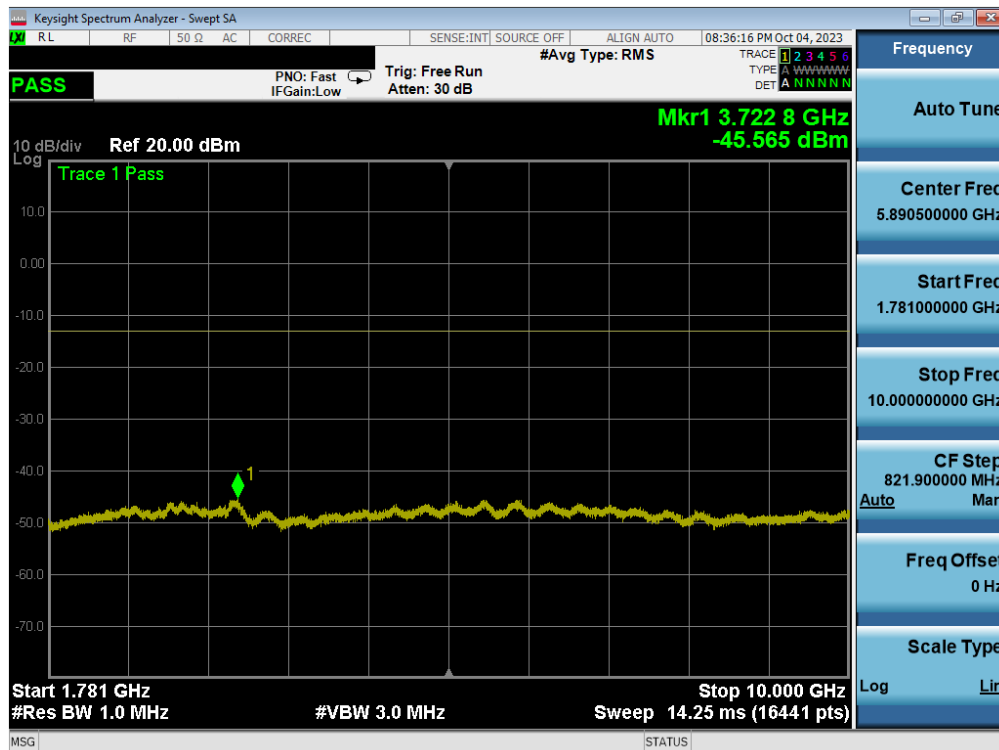
Plot 7-217. Conducted Spurious Plot (NR Band n12 - 15.0MHz - 1 RB - High Channel - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 66/4 – ANT2

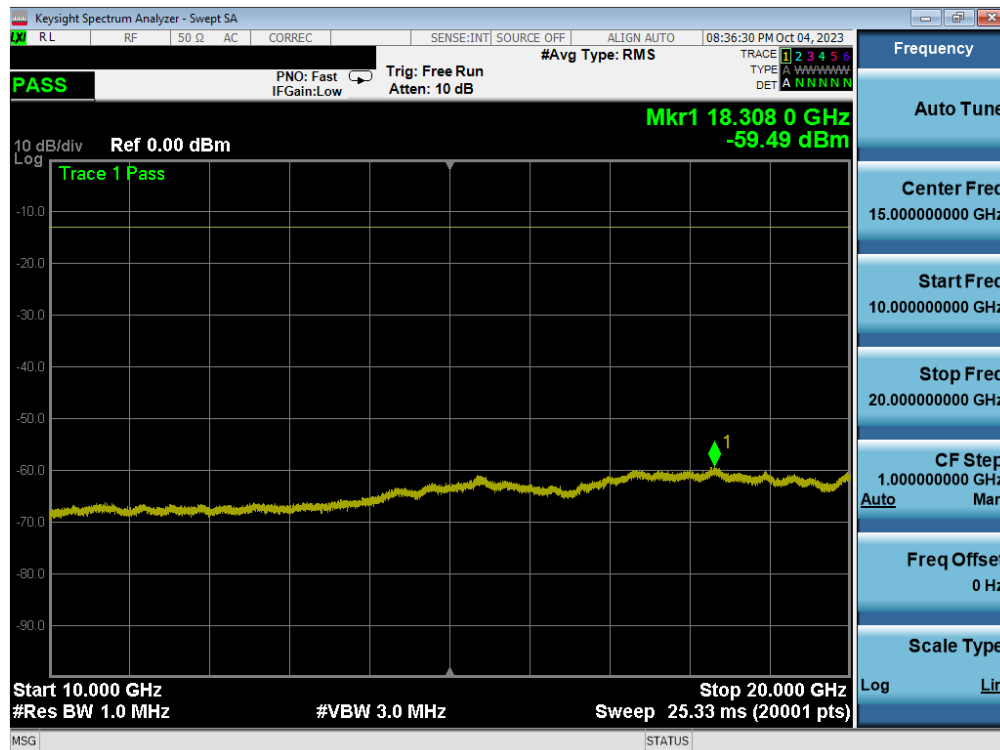


Plot 7-218. Conducted Spurious Plot (LTE Band 66/4 - 10MHz QPSK - 1 RB)



Plot 7-219. Conducted Spurious Plot (LTE Band 66/4 - 10MHz QPSK - 1 RB)

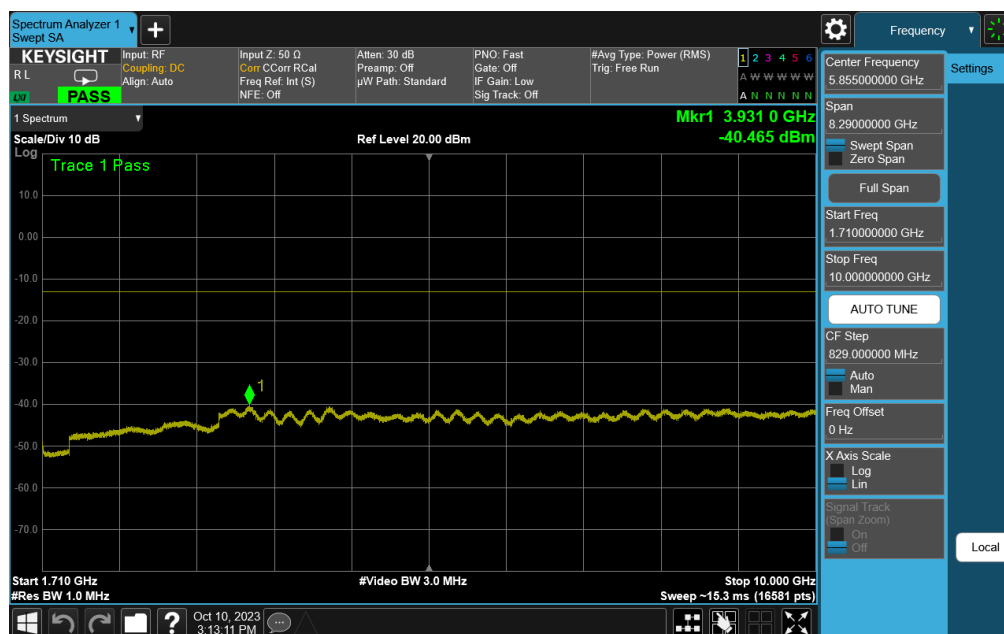
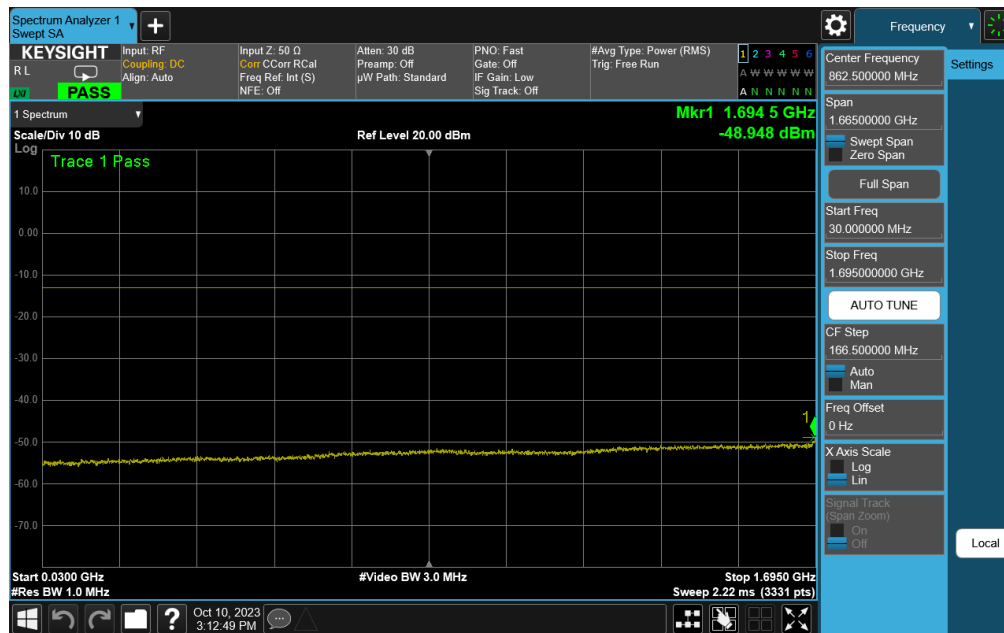
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 149 of 275



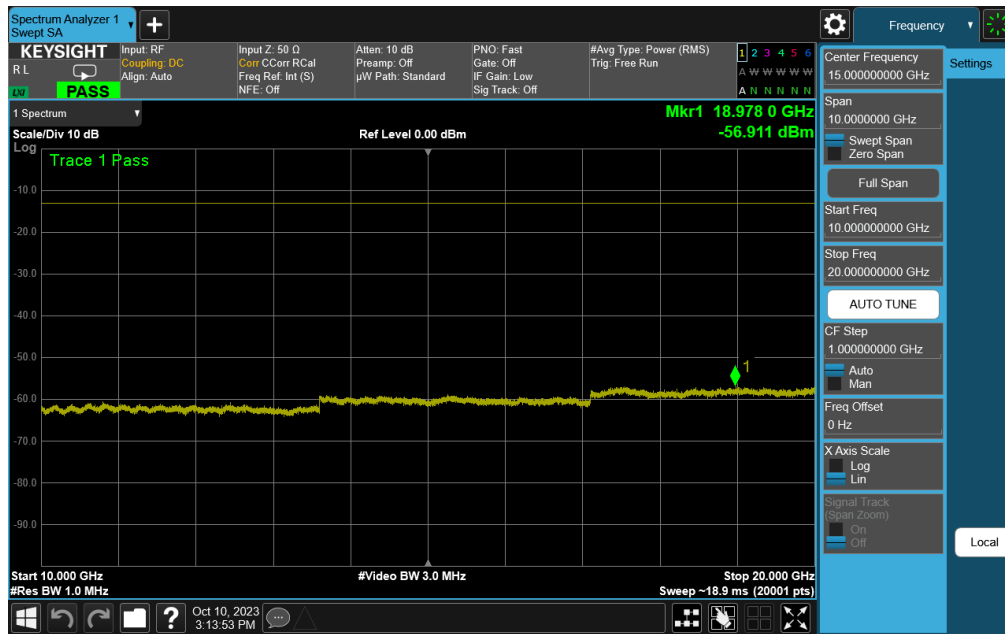
Plot 7-220. Conducted Spurious Plot (LTE Band 66/4 - 10MHz QPSK - 1 RB)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n70 – ANT2



FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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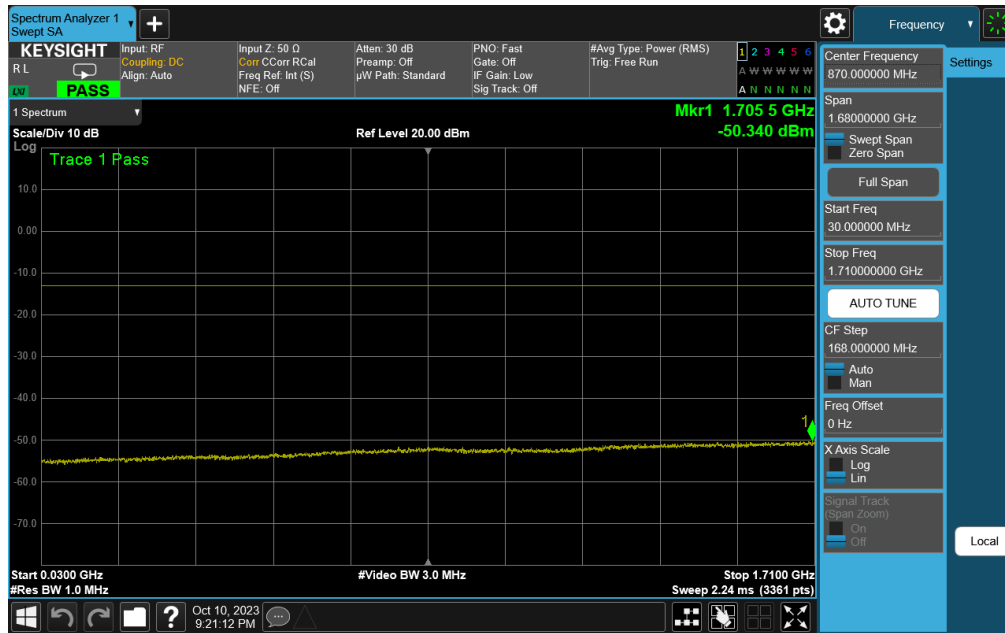


Plot 7-223. Conducted Spurious Plot (NR Band n70 - 15.0MHz - 1 RB - Mid Channel - ANT2)

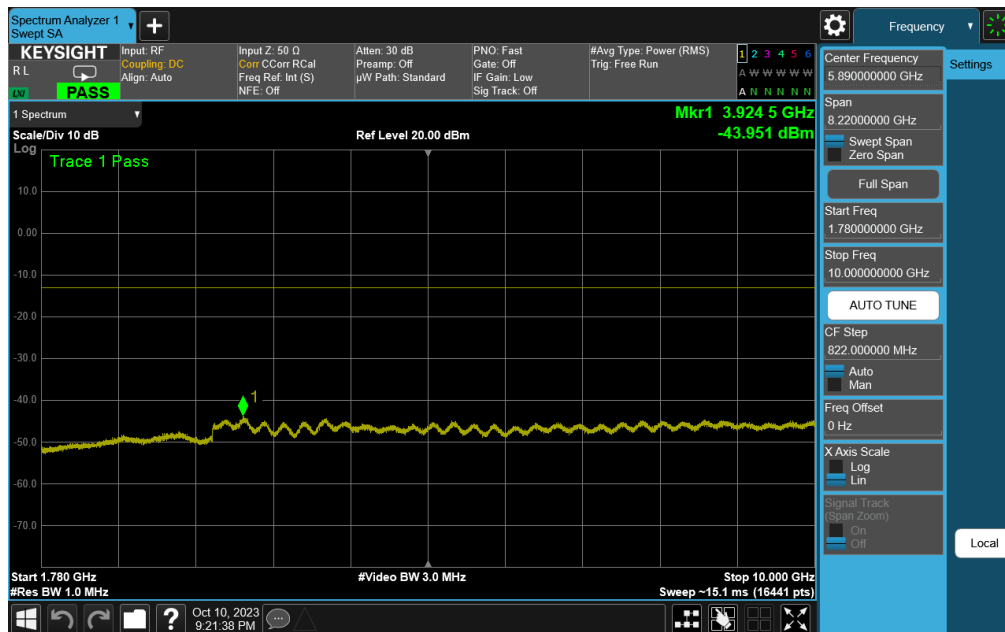
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 152 of 275



NR Band n66 – ANT2

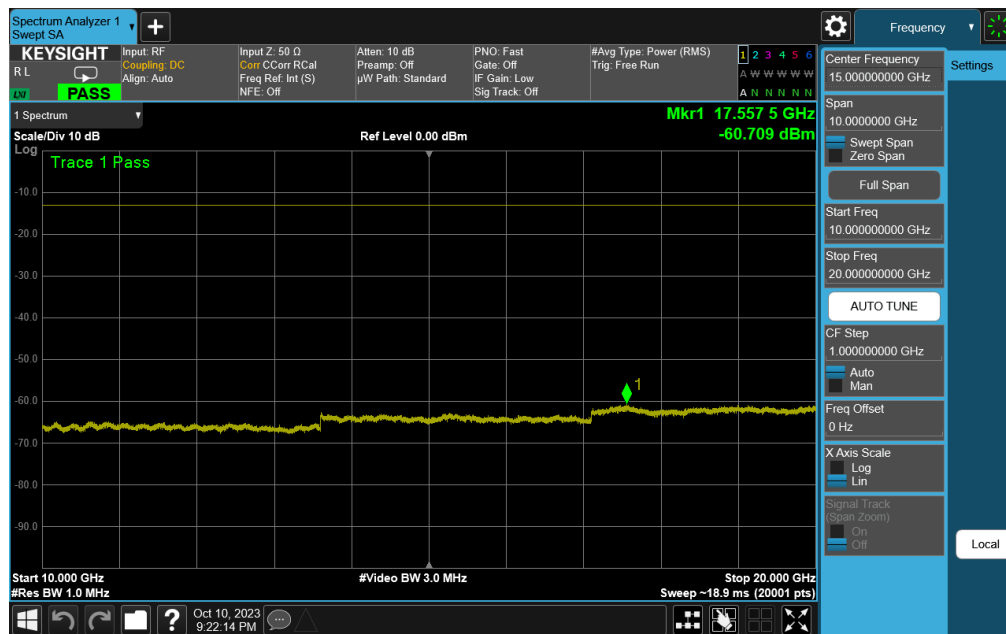


Plot 7-224. Conducted Spurious Plot (NR Band n66 - 40.0MHz - 1 RB - High Channel - ANT2)



Plot 7-225. Conducted Spurious Plot (NR Band n66 - 40.0MHz - 1 RB - High Channel - ANT2)

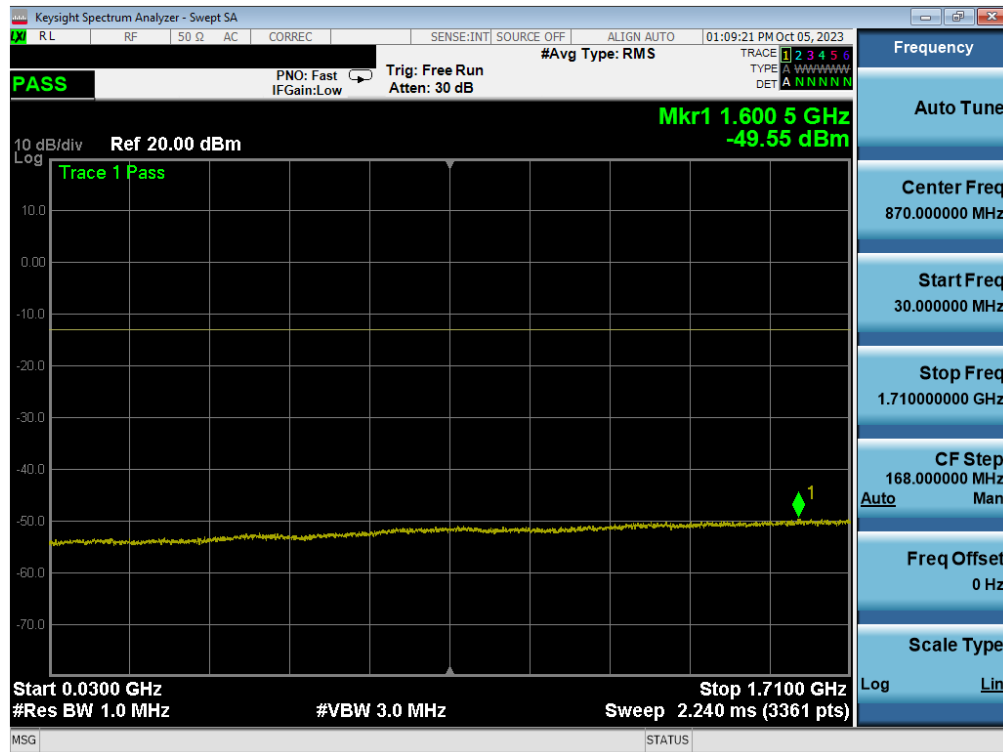
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 153 of 275



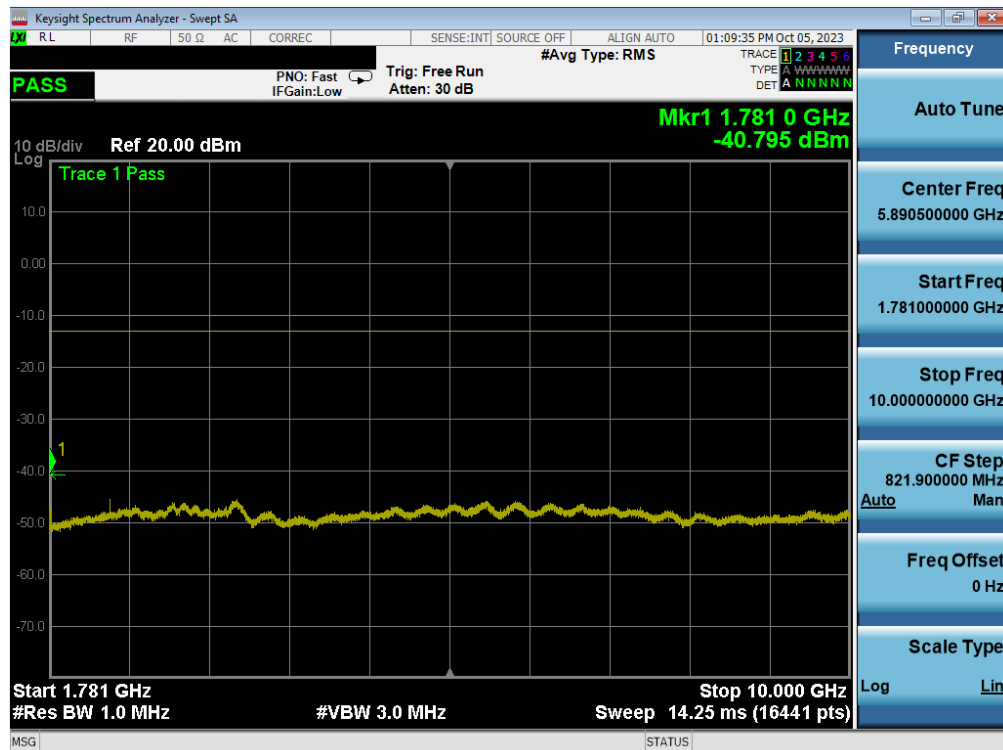
Plot 7-226. Conducted Spurious Plot (NR Band n66 - 40.0MHz - 1 RB - High Channel - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 154 of 275

LTE Band 66 ULCA – ANT2

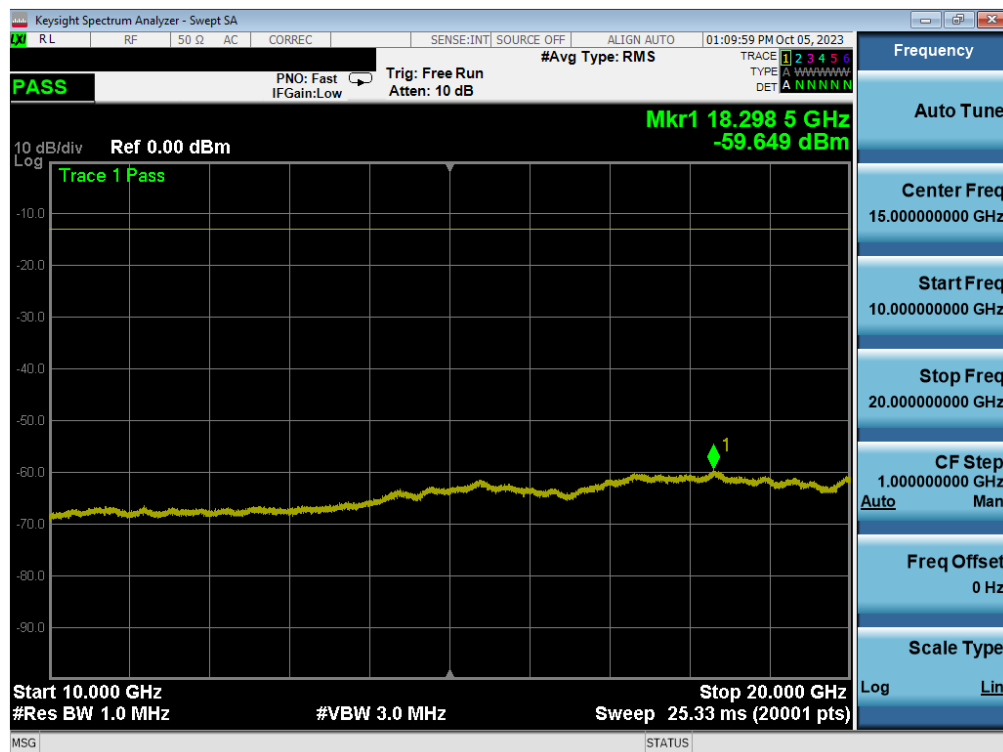


Plot 7-227. Conducted Spurious Plot (LTE Band 66 ULCA - 20+20MHz QPSK - 1 RB – High Channel)



Plot 7-228. Conducted Spurious Plot (LTE Band 66 ULCA - 20+20MHz QPSK - 1 RB – High Channel)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-229. Conducted Spurious Plot (LTE Band 66 ULCA - 20+20MHz QPSK - 1 RB – High Channel)

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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.

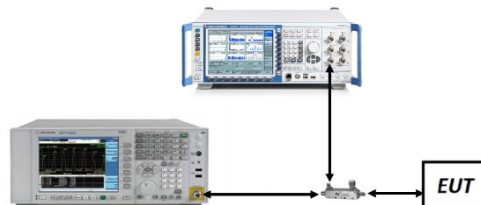


Figure 7-4. Test Instrument & Measurement Setup

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Test Notes

1. Per 27.53(h) 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) 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) 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 limit per 27.53(c)(4) is $65 + 10 \log_{10}(P) = -35\text{dBm}$ in a 6.25kHz bandwidth.

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Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE Band 66B/C ULCA	40 MHz	Low	Band Edge	-17.31	-13	-4.31
		Low	Extended	-28.05	-13	-15.05
		High	Band Edge	-17.56	-13	-4.56
		High	Extended	-28.12	-13	-15.12
LTE Band 71	20 MHz	Low	Band Edge	-30.66	-13	-17.66
		High	Band Edge	-30.14	-13	-17.14
	15 MHz	Low	Band Edge	-27.83	-13	-14.83
		High	Band Edge	-29.01	-13	-16.01
	10 MHz	Low	Band Edge	-29.40	-13	-16.40
		High	Band Edge	-27.36	-13	-14.36
	5 MHz	Low	Band Edge	-24.59	-13	-11.59
		High	Band Edge	-24.14	-13	-11.14
LTE Band 12	10 MHz	Low	Band Edge	-29.44	-13	-16.44
		High	Band Edge	-29.53	-13	-16.53
	5 MHz	Low	Band Edge	-23.85	-13	-10.85
		High	Band Edge	-23.00	-13	-10.00
	3 MHz	Low	Band Edge	-19.03	-13	-6.03
		High	Band Edge	-18.41	-13	-5.41
	1.4 MHz	Low	Band Edge	-15.01	-13	-2.01
		High	Band Edge	-14.59	-13	-1.59
LTE Band 13	10 MHz	Low	Band Edge	-29.12	-13	-16.12
		Low	Emission Mask	-56.96	-13	-43.96
		High	Band Edge	-26.25	-13	-13.25
		High	Emission Mask	-45.97	-13	-32.97
	5 MHz	Low	Band Edge	-23.16	-13	-10.16
		Low	Emission Mask	-55.94	-13	-42.94
		High	Band Edge	-21.84	-13	-8.84
		High	EmMask	-49.67	-13	-36.67

Table 7-13. Band Edge Test Results - Ant1

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
WCDMA1700	N/A	Low	Band Edge	-22.16	-13	-9.16
		Low	Extended	-25.68	-13	-12.68
		High	Band Edge	-22.14	-13	-9.14
		High	Extended	-28.05	-13	-15.05
LTE Band 66/4	20MHz	Low	Band Edge	-25.93	-13	-12.93
		Low	Extended	-24.59	-13	-11.59
		High (B4)	Band Edge	-28.32	-13	-15.32
		High (B4)	Extended	-24.90	-13	-11.90
		High (B66)	Band Edge	-27.19	-13	-14.19
		High (B66)	Extended	-24.04	-13	-11.04
	15MHz	Low	Band Edge	-25.74	-13	-12.74
		Low	Extended	-22.89	-13	-9.89
		High (B4)	Band Edge	-25.37	-13	-12.37
		High (B4)	Extended	-22.39	-13	-9.39
		High (B66)	Band Edge	-23.91	-13	-10.91
		High (B66)	Extended	-21.17	-13	-8.17
	10MHz	Low	Band Edge	-25.45	-13	-12.45
		Low	Extended	-22.31	-13	-9.31
		High (B4)	Band Edge	-26.73	-13	-13.73
		High (B4)	Extended	-21.52	-13	-8.52
		High (B66)	Band Edge	-23.89	-13	-10.89
		High (B66)	Extended	-20.54	-13	-7.54
	5MHz	Low	Band Edge	-22.02	-13	-9.02
		Low	Extended	-26.26	-13	-13.26
		High (B4)	Band Edge	-21.40	-13	-8.40
		High (B4)	Extended	-26.72	-13	-13.72
		High (B66)	Band Edge	-22.58	-13	-9.58
		High (B66)	Extended	-22.65	-13	-9.65
	3MHz	Low	Band Edge	-20.92	-13	-7.92
		Low	Extended	-27.26	-13	-14.26
		High (B4)	Band Edge	-20.98	-13	-7.98
		High (B4)	Extended	-27.95	-13	-14.95
		High (B66)	Band Edge	-20.04	-13	-7.04
		High (B66)	Extended	-22.41	-13	-9.41
	1.4MHz	Low	Band Edge	-21.37	-13	-8.37
		Low	Extended	-31.45	-13	-18.45
		High (B4)	Band Edge	-21.90	-13	-8.90
		High (B4)	Extended	-30.91	-13	-17.91
		High (B66)	Band Edge	-20.42	-13	-7.42
		High (B66)	Extended	-30.11	-13	-17.11

Table 7-14. Band Edge Test Results - Ant1

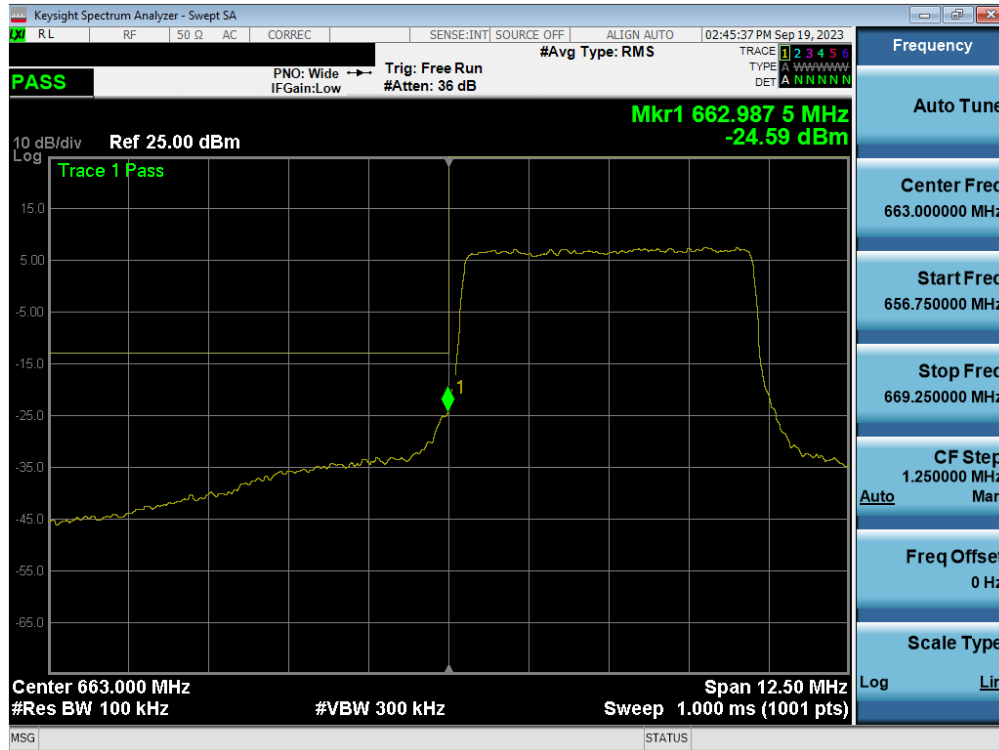
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR Band n71	20 MHz	Low	Band Edge	-27.62	-13	-14.62
		High	Band Edge	-30.84	-13	-17.84
	15 MHz	Low	Band Edge	-25.40	-13	-12.40
		High	Band Edge	-30.54	-13	-17.54
	10 MHz	Low	Band Edge	-25.15	-13	-12.15
		High	Band Edge	-27.60	-13	-14.60
	5 MHz	Low	Band Edge	-20.72	-13	-7.72
		High	Band Edge	-21.67	-13	-8.67
NR Band n12	15 MHz	Low	Band Edge	-27.79	-13	-14.79
		High	Band Edge	-26.57	-13	-13.57
	10 MHz	Low	Band Edge	-26.90	-13	-13.90
		High	Band Edge	-27.98	-13	-14.98
	5 MHz	Low	Band Edge	-23.63	-13	-10.63
		High	Band Edge	-23.25	-13	-10.25
NR Band n70	15 MHz	Low	Band Edge	-28.43	-13	-15.43
		Low	Extended	-23.05	-13	-10.05
		High	Band Edge	-29.12	-13	-16.12
		High	Extended	-21.35	-13	-8.35
	10 MHz	Low	Band Edge	-26.79	-13	-13.79
		Low	Extended	-19.07	-13	-6.07
		High	Band Edge	-26.06	-13	-13.06
		High	Extended	-18.95	-13	-5.95
	5 MHz	Low	Band Edge	-25.90	-13	-12.90
		Low	Extended	-23.94	-13	-10.94
		High	Band Edge	-25.10	-13	-12.10
		High	Extended	-29.31	-13	-16.31
NR Band n66	40 MHz	Low	Band Edge	-27.44	-13	-14.44
		Low	Extended	-28.21	-13	-15.21
		High	Band Edge	-24.62	-13	-11.62
		High	Extended	-28.19	-13	-15.19
	30 MHz	Low	Band Edge	-26.53	-13	-13.53
		Low	Extended	-26.11	-13	-13.11
		High	Band Edge	-27.11	-13	-14.11
		High	Extended	-25.86	-13	-12.86
	20 MHz	Low	Band Edge	-31.62	-13	-18.62
		Low	Extended	-26.21	-13	-13.21
		High	Band Edge	-30.02	-13	-17.02
		High	Extended	-25.80	-13	-12.80
	15 MHz	Low	Band Edge	-30.06	-13	-17.06
		Low	Extended	-22.72	-13	-9.72
		High	Band Edge	-29.81	-13	-16.81
		High	Extended	-23.56	-13	-10.56
	10 MHz	Low	Band Edge	-27.96	-13	-14.96
		Low	Extended	-17.83	-13	-4.83
		High	Band Edge	-27.41	-13	-14.41
		High	Extended	-19.42	-13	-6.42
	5 MHz	Low	Band Edge	-24.88	-13	-11.88
		Low	Extended	-31.94	-13	-18.94
		High	Band Edge	-23.21	-13	-10.21
		High	Extended	-27.00	-13	-14.00

Table 7-15. Band Edge Test Results - Ant1

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 71 – ANT1



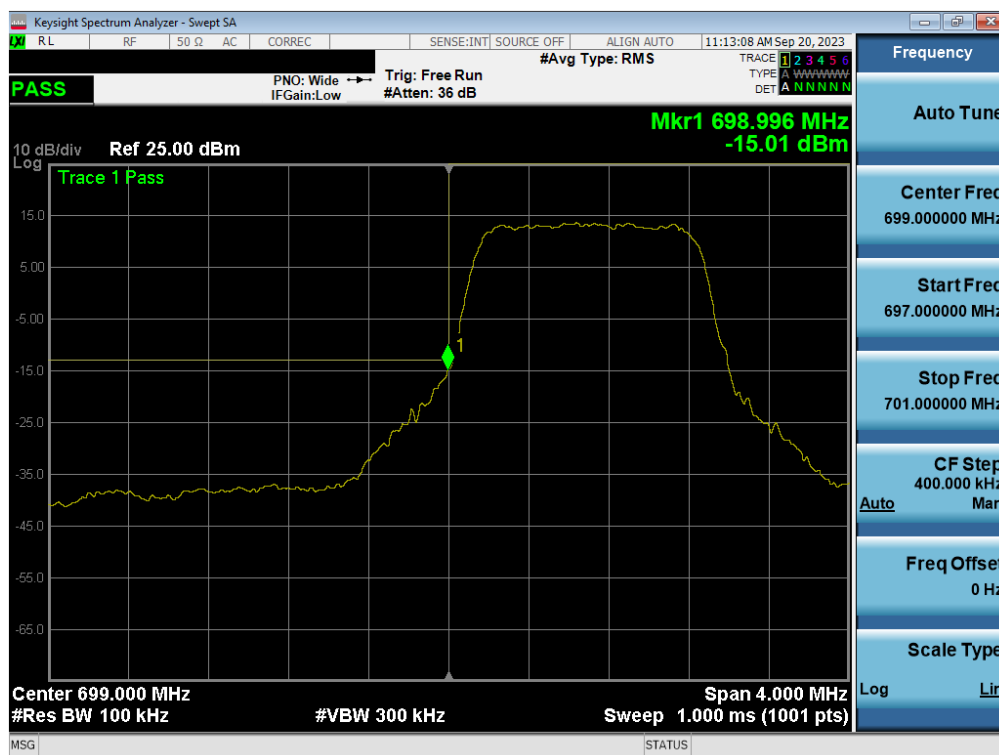
Plot 7-230. Lower Band Edge Plot (LTE Band 71 - 5MHz QPSK – Full RB - ANT1)



Plot 7-231. Upper Band Edge Plot (LTE Band 71 - 5MHz QPSK – Full RB - ANT1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 12 – ANT1



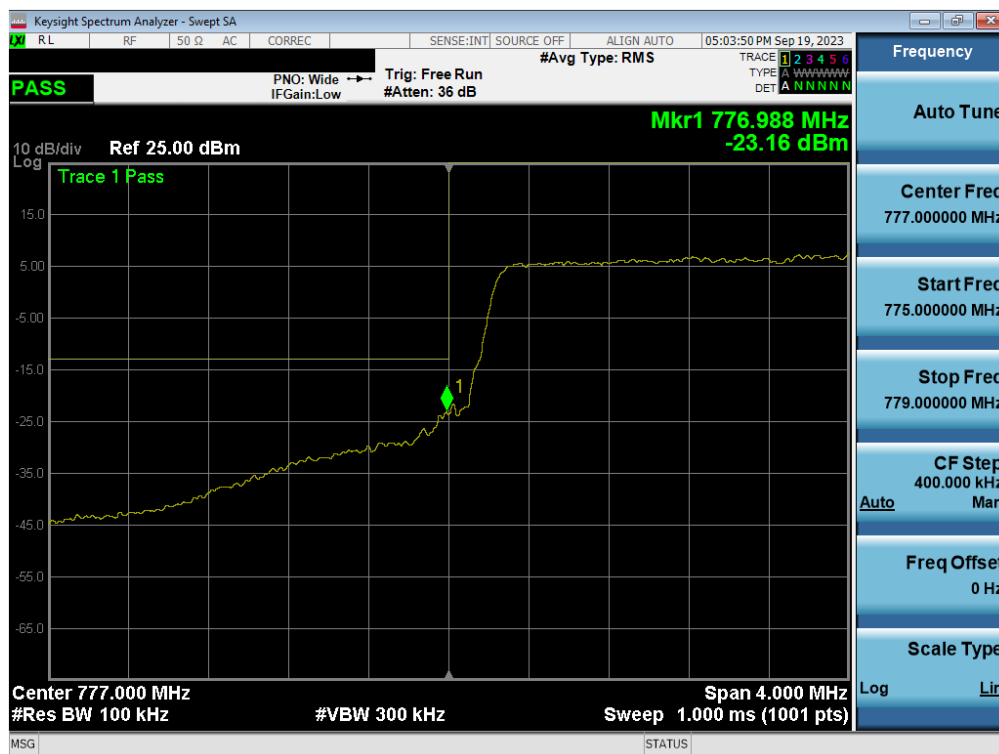
Plot 7-232. Lower Band Edge Plot (LTE Band 12 – 1.4MHz QPSK – Full RB - ANT1)



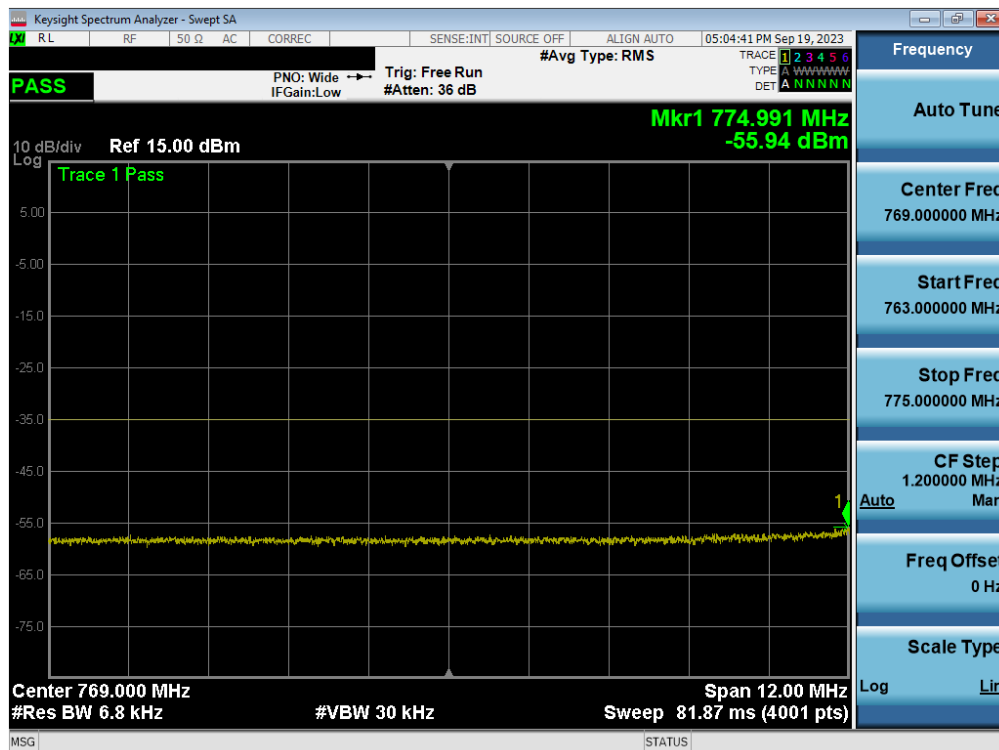
Plot 7-233. Upper Band Edge Plot (LTE Band 12 – 1.4MHz QPSK – Full RB - ANT1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 13 – ANT1



Plot 7-234. Lower Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT1)

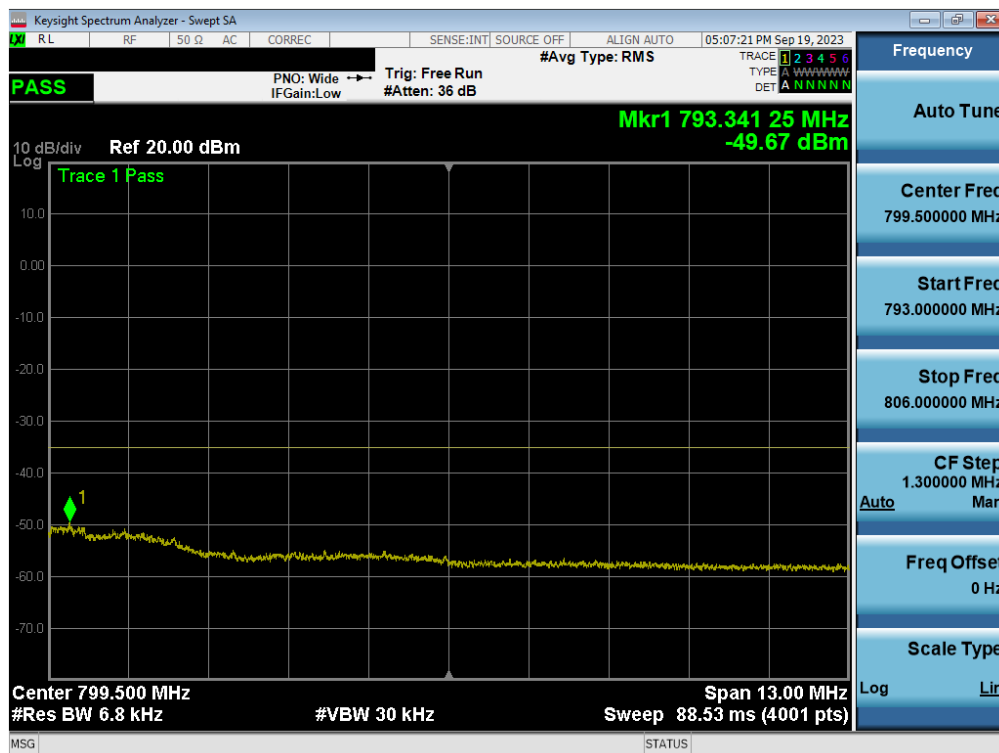


Plot 7-235. Lower Emission Mask Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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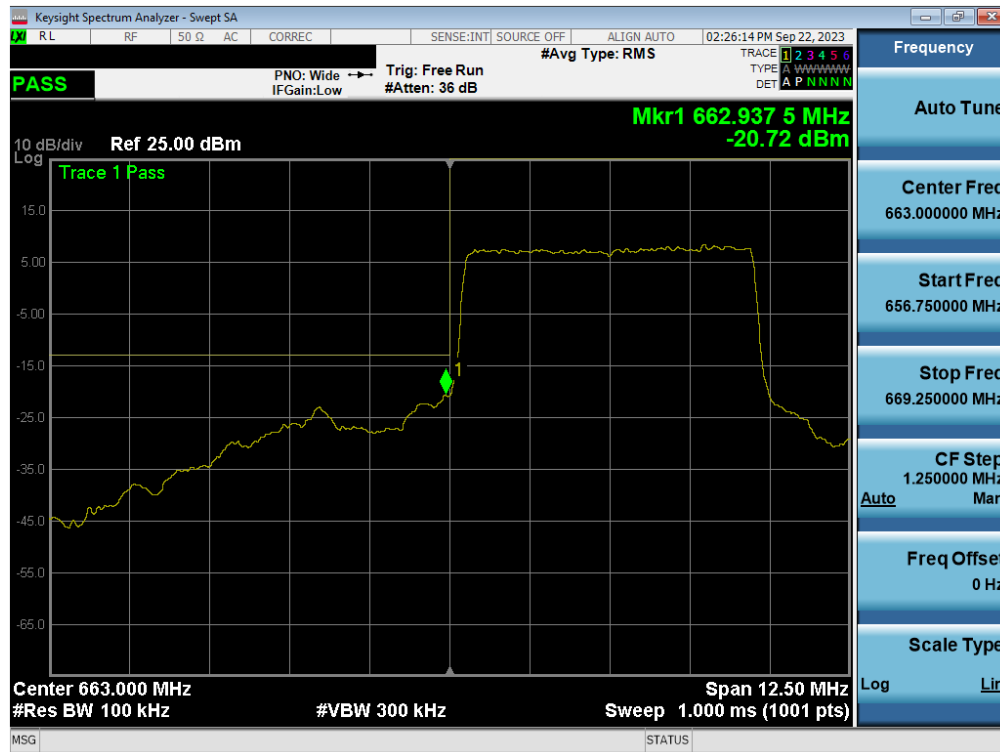
Plot 7-236. Upper Band Edge Plot (LTE Band 13 - 5MHz QPSK - Full RB - ANT1)



Plot 7-237. Upper Emission Mask Plot (LTE Band 13 - 5MHz QPSK - Full RB - ANT1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n71 – ANT1



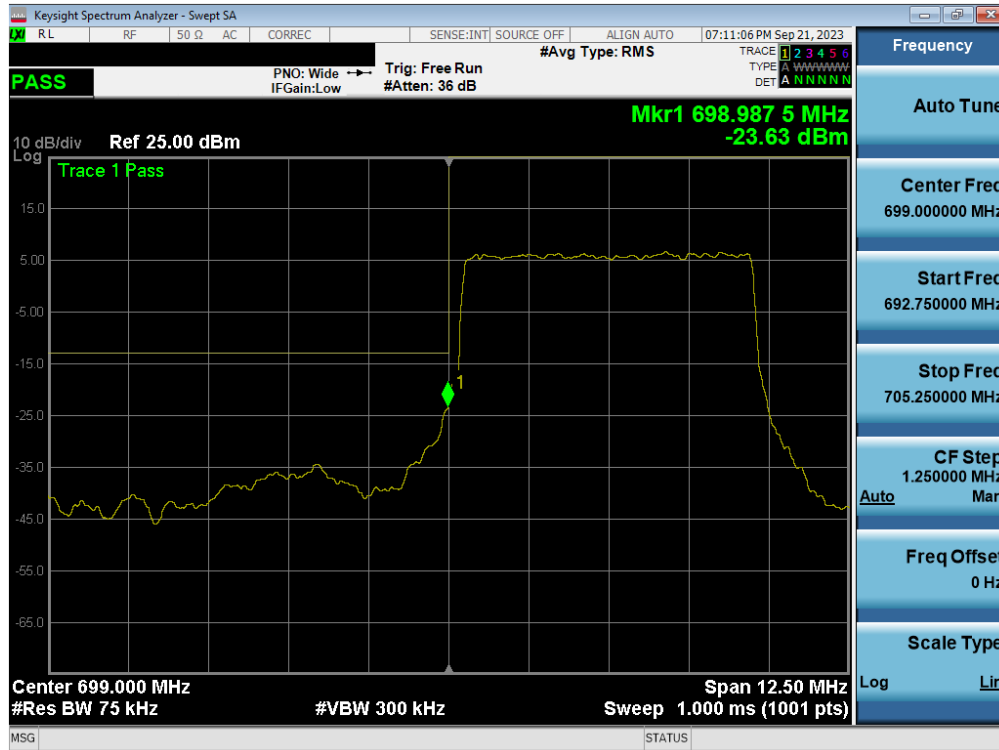
Plot 7-238. Lower Band Edge Plot (NR Band n71 – 5.0MHz - Full RB - ANT1)



Plot 7-239. Upper Band Edge Plot (NR Band n71 – 5.0MHz - Full RB - ANT1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n12 – ANT1



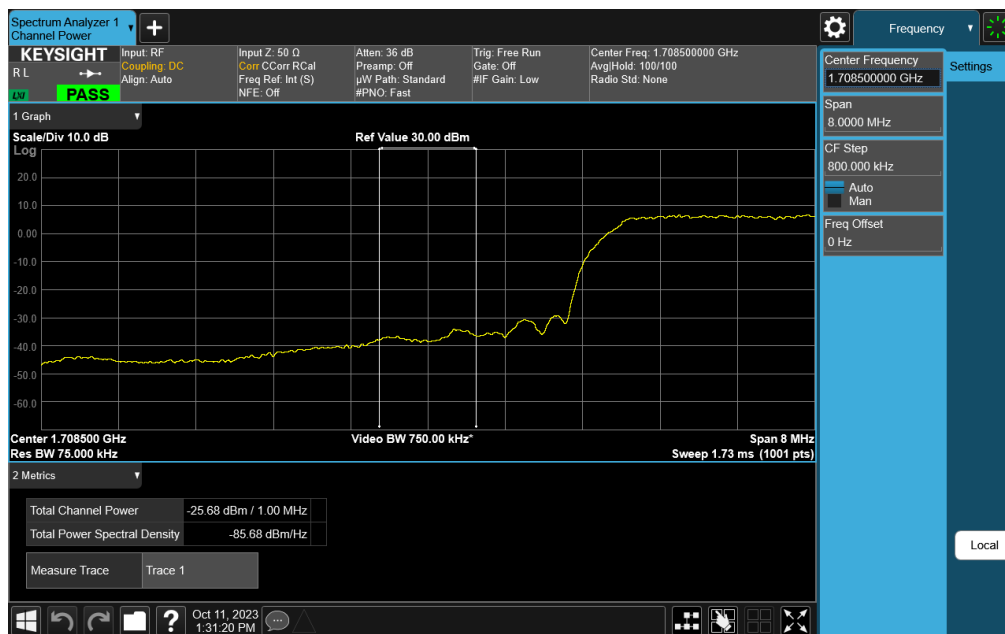
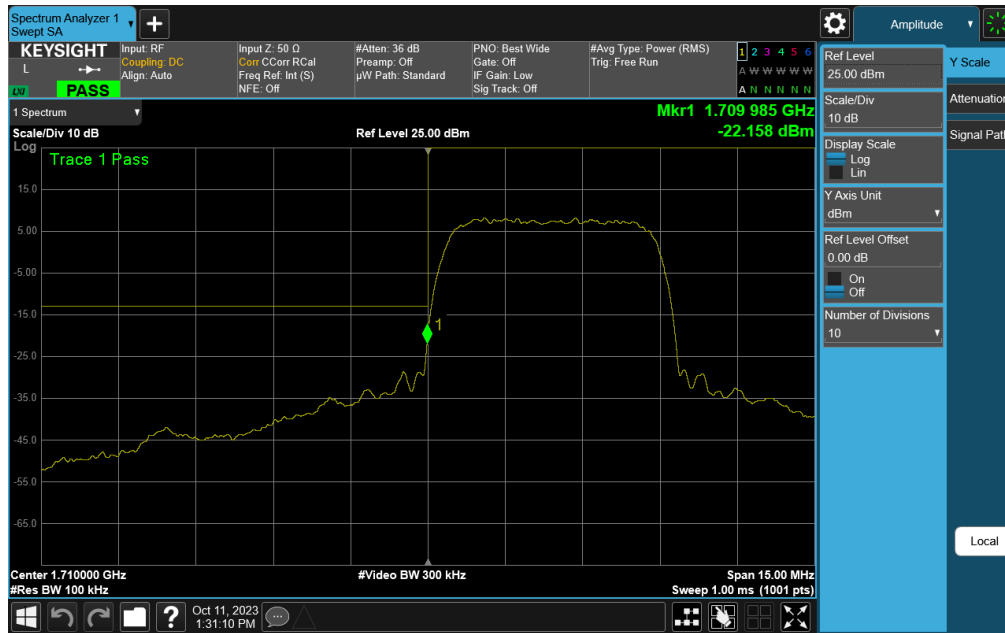
Plot 7-240. Lower Band Edge Plot (NR Band n12 – 5.0MHz - Full RB - ANT1)



Plot 7-241. Upper Band Edge Plot (NR Band n12 – 5.0MHz - Full RB - ANT1)

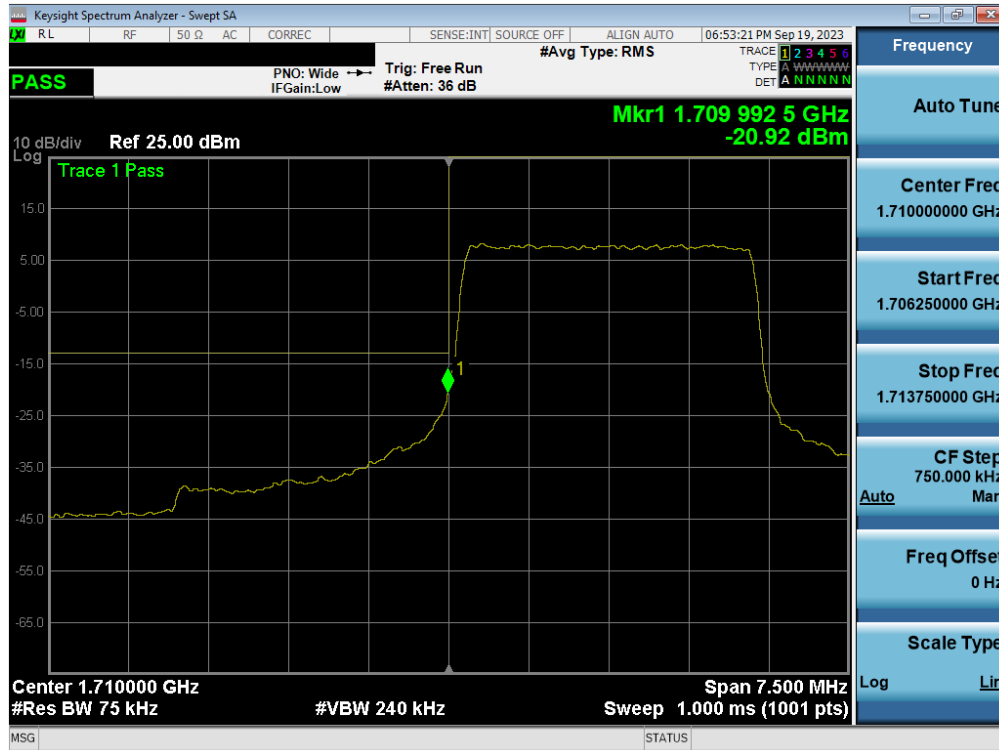
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 167 of 275

WCDMA AWS – ANT1

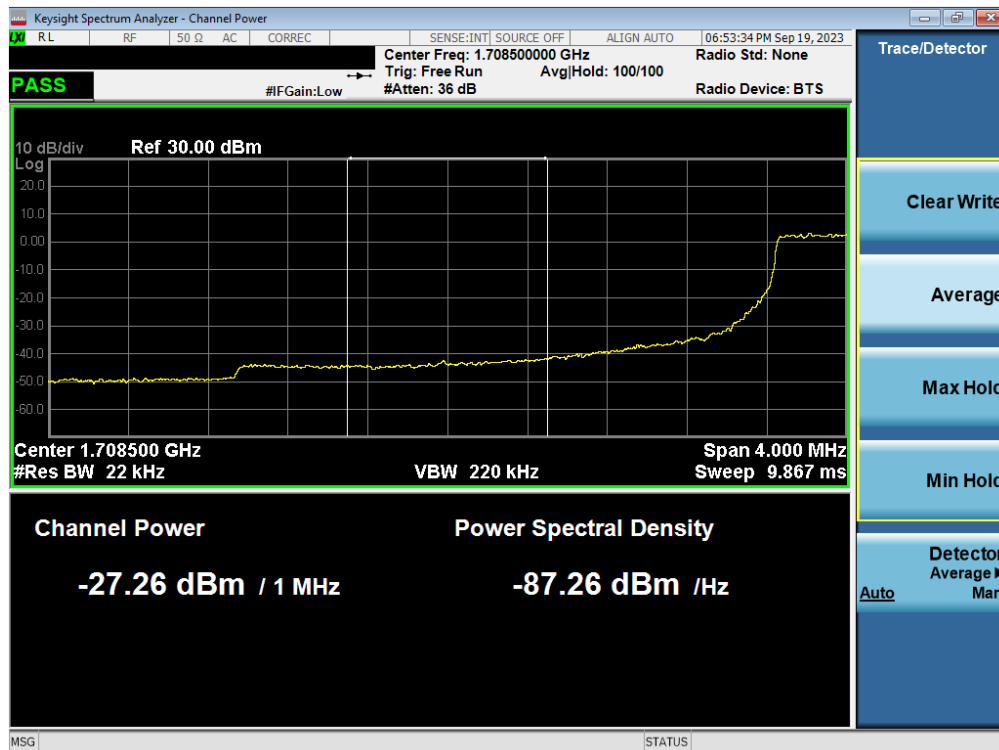


FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 66/4 – ANT1



Plot 7-246. Lower Band Edge Plot (LTE Band 66/4 - 3MHz QPSK – Full RB - ANT1)

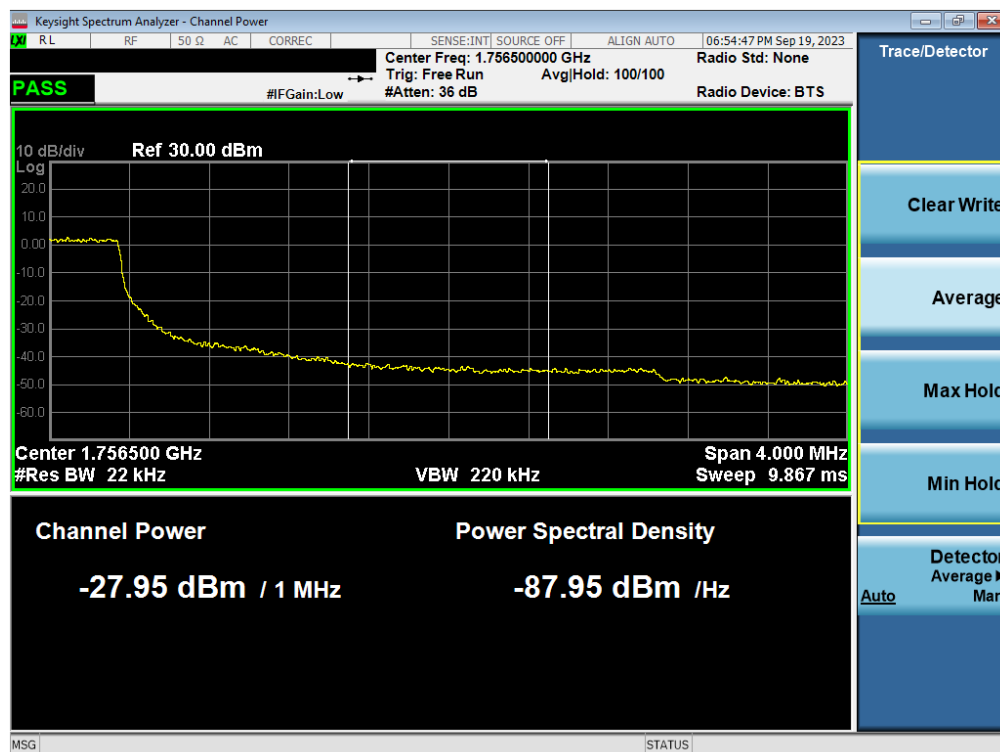


Plot 7-247. Lower Extended Band Edge Plot (LTE Band 66/4 - 3MHz QPSK – Full RB - ANT1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-248. Upper Band Edge Plot (LTE Band 4 - 3MHz QPSK – Full RB - ANT1)

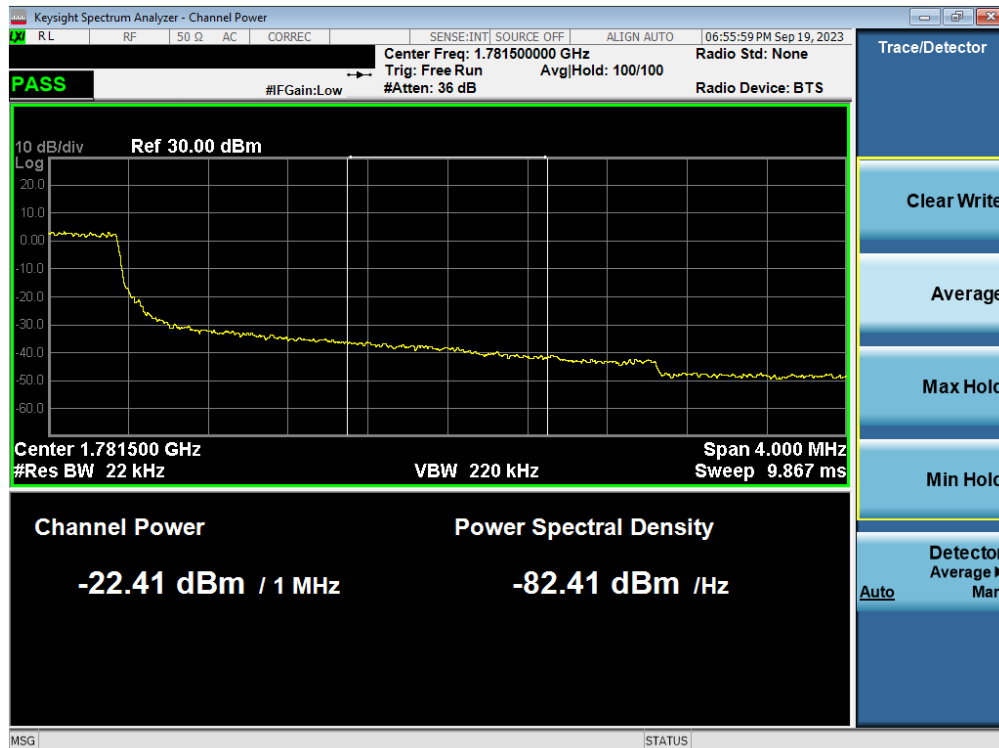


Plot 7-249. Upper Extended Band Edge Plot (LTE Band 4 - 3MHz QPSK – Full RB - ANT1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-250. Upper Band Edge Plot (LTE Band 66 - 3MHz QPSK – Full RB - ANT1)

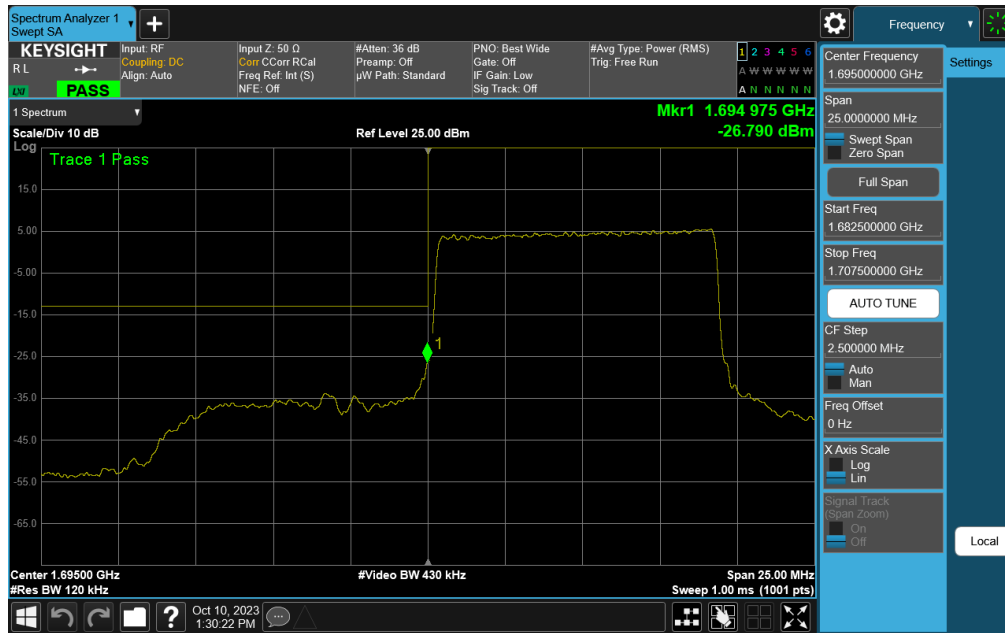


Plot 7-251. Upper Extended Band Edge Plot (LTE Band 66 - 3MHz QPSK – Full RB - ANT1)

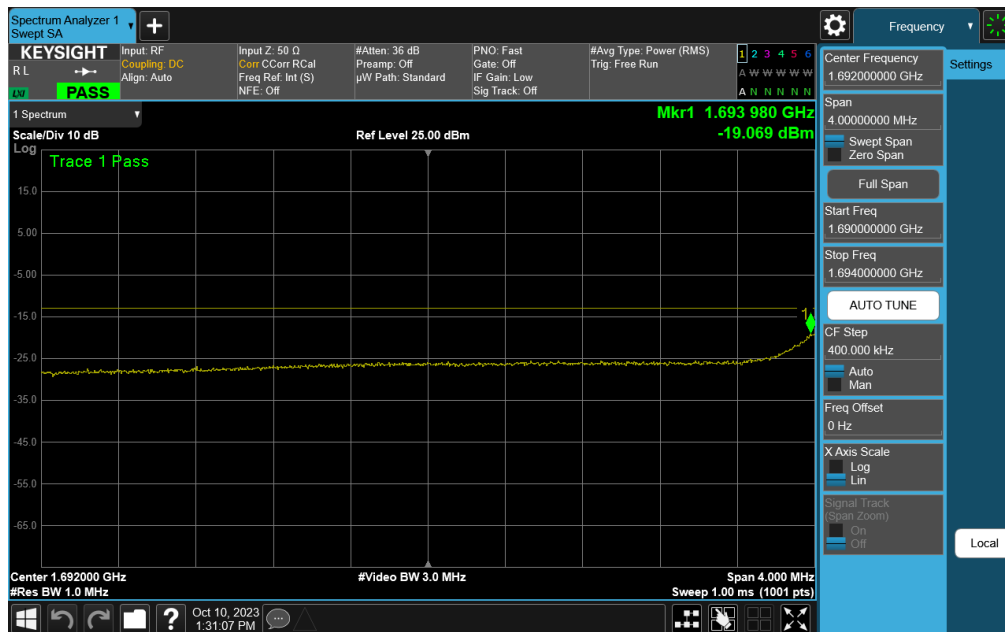
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 172 of 275



NR Band n70 – ANT1

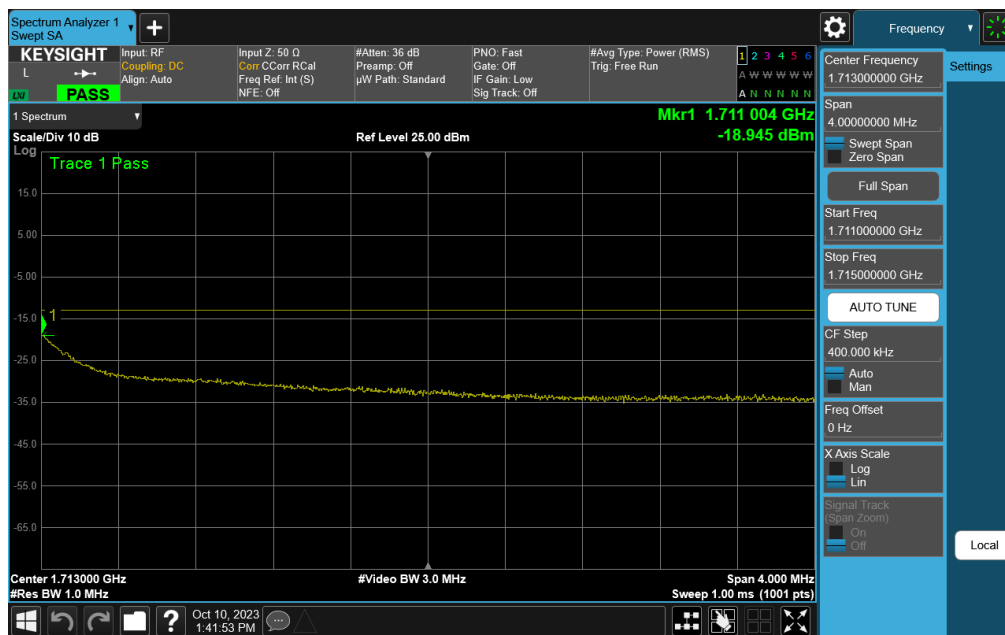
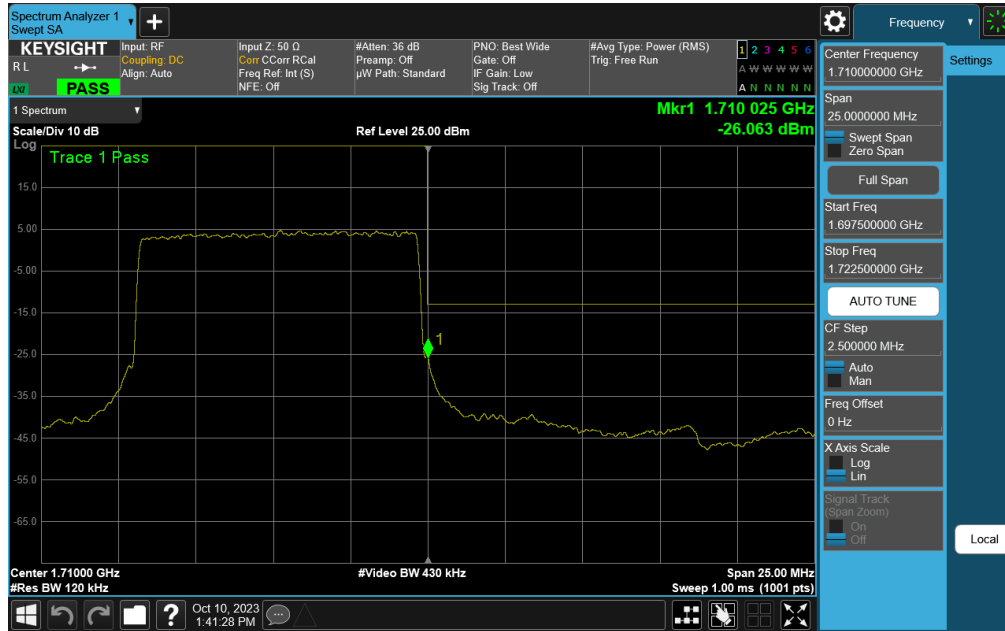


Plot 7-252. Lower Band Edge Plot (NR Band n70 – 10.0MHz - Full RB - ANT1)



Plot 7-253. Lower Extended Band Edge Plot (NR Band n70 – 10.0MHz - Full RB - ANT1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 173 of 275

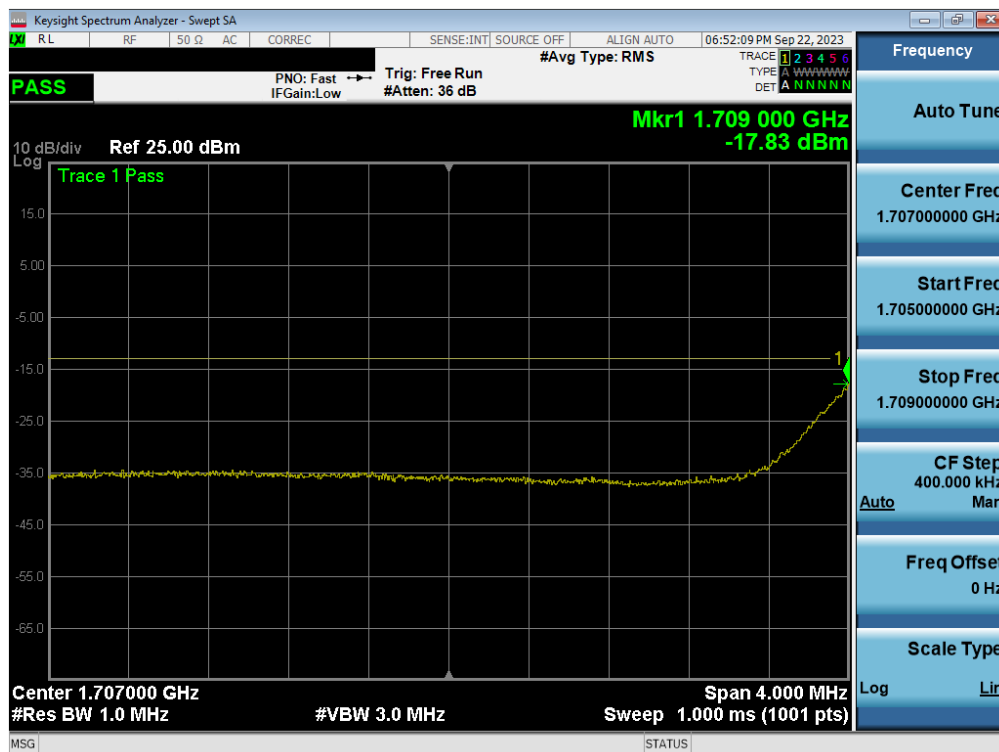


FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n66 – ANT1



Plot 7-256. Lower Band Edge Plot (NR Band n66 – 10.0MHz - Full RB - ANT1)



Plot 7-257. Lower Extended Band Edge Plot (NR Band n66 – 10.0MHz - Full RB - ANT1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-258. Upper Band Edge Plot (NR Band n66 – 10.0MHz - Full RB - ANT1)

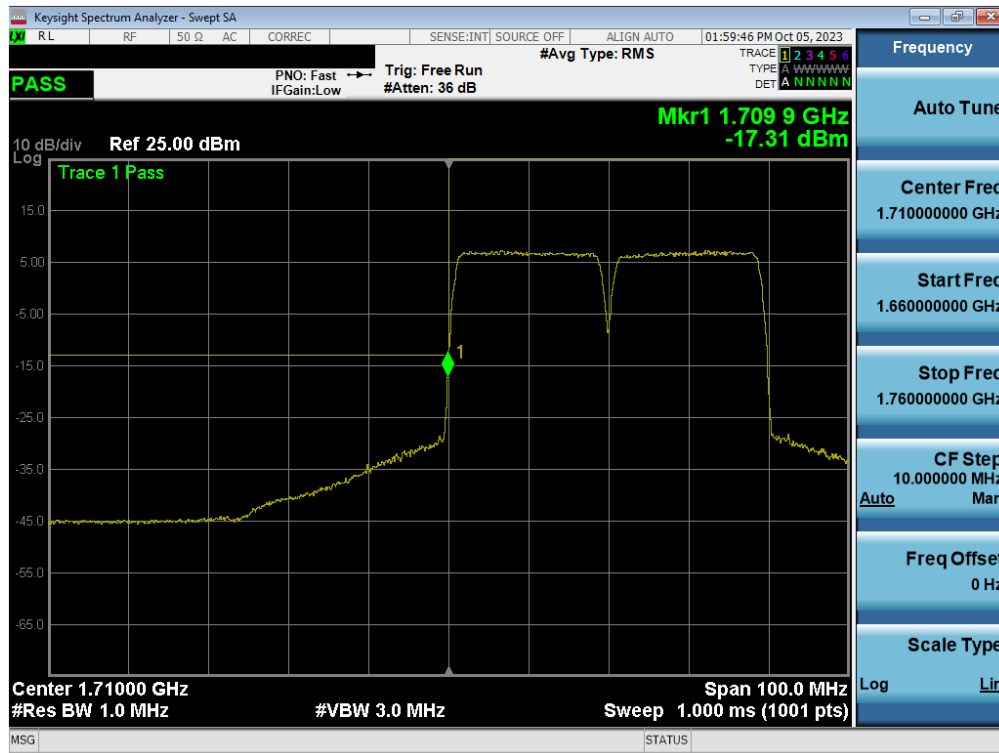


Plot 7-259. Upper Extended Band Edge Plot (NR Band n66 – 10.0MHz - Full RB - ANT1)

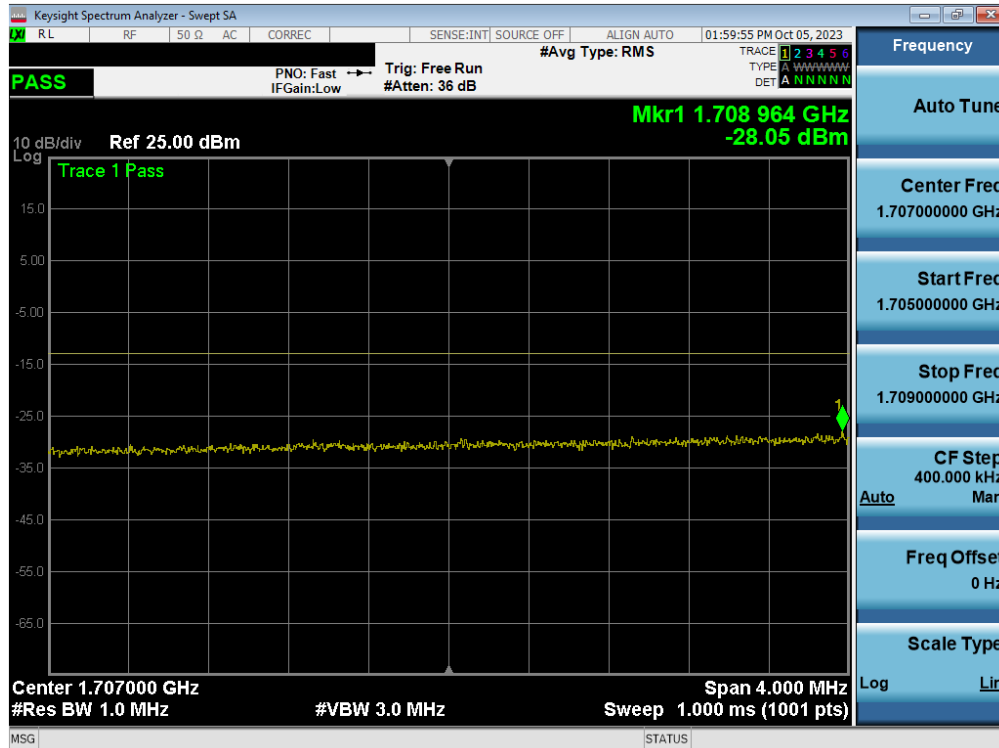
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 176 of 275



Uplink CA LTE Band 66B/C – ANT1



Plot 7-260. Lower Band Edge Plot (ULCA LTE Band 66 - ANT1)

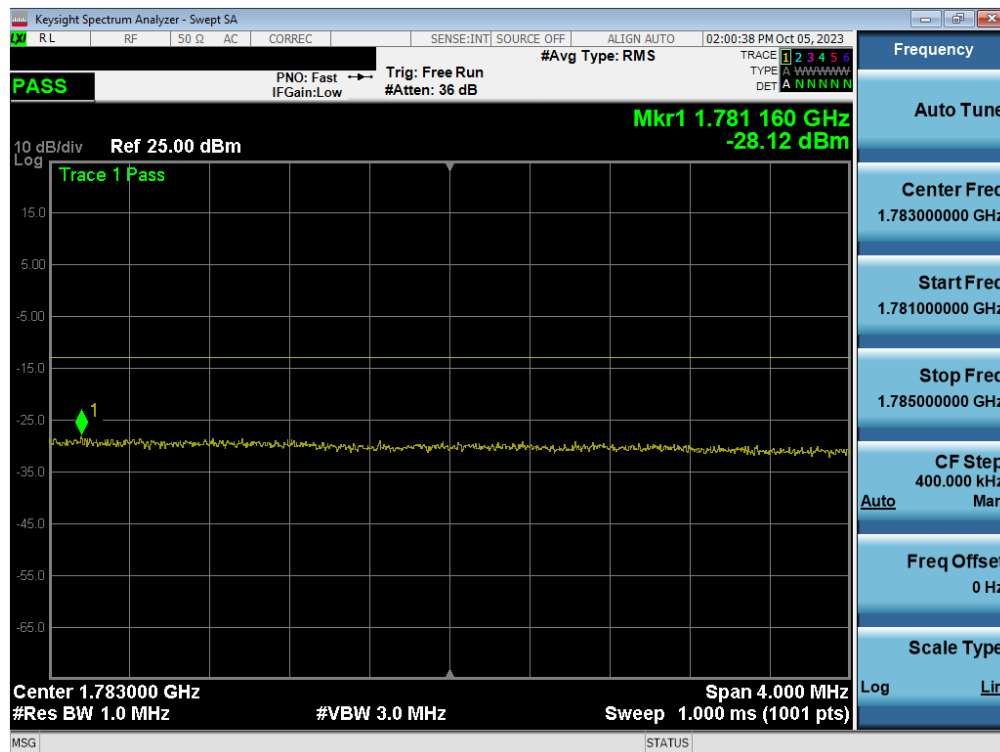


Plot 7-261. Lower Extended Band Edge Plot (ULCA LTE Band 66 - ANT1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 177 of 275



Plot 7-262. Upper Band Edge Plot (ULCA LTE Band 66 - ANT1)



Plot 7-263. Upper Extended Band Edge Plot (ULCA LTE Band 66 - ANT1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 - 11//2023	EUT Type: Portable Handset	Page 178 of 275

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE Band 66B/C ULCA	40 MHz	Low	Band Edge	-16.89	-13	-3.89
		Low	Extended	-27.69	-13	-14.69
		High	Band Edge	-17.97	-13	-4.97
		High	Extended	-28.22	-13	-15.22
LTE Band 71	20 MHz	Low	Band Edge	-31.02	-13	-18.02
		High	Band Edge	-30.78	-13	-17.78
	15 MHz	Low	Band Edge	-29.30	-13	-16.30
		High	Band Edge	-28.75	-13	-15.75
	10 MHz	Low	Band Edge	-29.81	-13	-16.81
		High	Band Edge	-29.45	-13	-16.45
	5 MHz	Low	Band Edge	-25.06	-13	-12.06
		High	Band Edge	-23.30	-13	-10.30
LTE Band 12	10 MHz	Low	Band Edge	-30.38	-13	-17.38
		High	Band Edge	-30.26	-13	-17.26
	5 MHz	Low	Band Edge	-23.35	-13	-10.35
		High	Band Edge	-20.85	-13	-7.85
	3 MHz	Low	Band Edge	-17.46	-13	-4.46
		High	Band Edge	-18.27	-13	-5.27
	1.4 MHz	Low	Band Edge	-16.42	-13	-3.42
		High	Band Edge	-15.28	-13	-2.28
LTE Band 13	10 MHz	Low	Band Edge	-30.08	-13	-17.08
		Low	Emission Mask	-62.65	-13	-49.65
		High	Band Edge	-28.05	-13	-15.05
		High	Emission Mask	-53.35	-13	-40.35
	5 MHz	Low	Band Edge	-23.79	-13	-10.79
		Low	Emission Mask	-59.07	-13	-46.07
		High	Band Edge	-22.70	-13	-9.70
		High	EmMask	-52.50	-13	-39.50

Table 7-16. Conducted Band Edge Test Results - Ant2

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 179 of 275

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE Band 66/4	20MHz	Low	Band Edge	-27.53	-13	-14.53
		Low	Extended	-24.56	-13	-11.56
		High (B4)	Band Edge	-26.95	-13	-13.95
		High (B4)	Extended	-23.70	-13	-10.70
		High (B66)	Band Edge	-27.28	-13	-14.28
		High (B66)	Extended	-25.23	-13	-12.23
	15MHz	Low	Band Edge	-24.36	-13	-11.36
		Low	Extended	-21.77	-13	-8.77
		High (B4)	Band Edge	-24.94	-13	-11.94
		High (B4)	Extended	-21.92	-13	-8.92
		High (B66)	Band Edge	-25.54	-13	-12.54
		High (B66)	Extended	-22.35	-13	-9.35
	10MHz	Low	Band Edge	-24.34	-13	-11.34
		Low	Extended	-21.96	-13	-8.96
		High (B4)	Band Edge	-26.20	-13	-13.20
		High (B4)	Extended	-21.19	-13	-8.19
		High (B66)	Band Edge	-25.53	-13	-12.53
		High (B66)	Extended	-21.88	-13	-8.88
	5MHz	Low	Band Edge	-21.55	-13	-8.55
		Low	Extended	-26.64	-13	-13.64
		High (B4)	Band Edge	-22.68	-13	-9.68
		High (B4)	Extended	-25.99	-13	-12.99
		High (B66)	Band Edge	-22.27	-13	-9.27
		High (B66)	Extended	-24.27	-13	-11.27
	3MHz	Low	Band Edge	-20.00	-13	-7.00
		Low	Extended	-25.15	-13	-12.15
		High (B4)	Band Edge	-20.36	-13	-7.36
		High (B4)	Extended	-26.06	-13	-13.06
		High (B66)	Band Edge	-19.68	-13	-6.68
		High (B66)	Extended	-24.12	-13	-11.12
	1.4MHz	Low	Band Edge	-21.23	-13	-8.23
		Low	Extended	-25.23	-13	-12.23
		High (B4)	Band Edge	-22.04	-13	-9.04
		High (B4)	Extended	-31.16	-13	-18.16
		High (B66)	Band Edge	-20.08	-13	-7.08
		High (B66)	Extended	-24.32	-13	-11.32

Table 7-17. Conducted Band Edge Test Results - Ant2

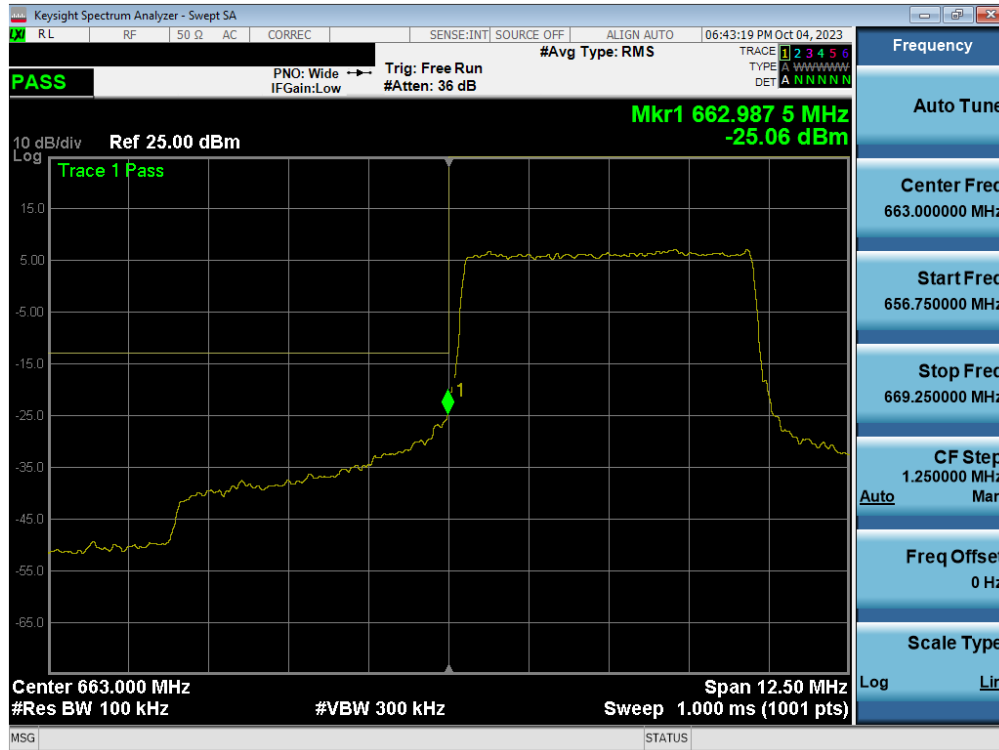
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR Band n71	20 MHz	Low	Band Edge	-29.90	-13	-16.90
		High	Band Edge	-30.93	-13	-17.93
	15 MHz	Low	Band Edge	-28.84	-13	-15.84
		High	Band Edge	-31.16	-13	-18.16
	10 MHz	Low	Band Edge	-27.06	-13	-14.06
		High	Band Edge	-27.73	-13	-14.73
	5 MHz	Low	Band Edge	-22.42	-13	-9.42
		High	Band Edge	-22.18	-13	-9.18
NR Band n12	15 MHz	Low	Band Edge	-27.75	-13	-14.75
		High	Band Edge	-28.32	-13	-15.32
	10 MHz	Low	Band Edge	-27.43	-13	-14.43
		High	Band Edge	-23.45	-13	-10.45
	5 MHz	Low	Band Edge	-22.36	-13	-9.36
		High	Band Edge	-21.78	-13	-8.78
NR Band n70	15 MHz	Low	Band Edge	-26.98	-13	-13.98
		Low	Extended	-22.62	-13	-9.62
		High	Band Edge	-27.48	-13	-14.48
		High	Extended	-20.63	-13	-7.63
	10 MHz	Low	Band Edge	-28.24	-13	-15.24
		Low	Extended	-19.02	-13	-6.02
		High	Band Edge	-27.11	-13	-14.11
		High	Extended	-19.86	-13	-6.86
	5 MHz	Low	Band Edge	-25.18	-13	-12.18
		Low	Extended	-23.85	-13	-10.85
		High	Band Edge	-23.95	-13	-10.95
		High	Extended	-14.03	-13	-1.03
NR Band n66	40 MHz	Low	Band Edge	-27.98	-13	-14.98
		Low	Extended	-27.53	-13	-14.53
		High	Band Edge	-24.95	-13	-11.95
		High	Extended	-27.11	-13	-14.11
	30 MHz	Low	Band Edge	-27.06	-13	-14.06
		Low	Extended	-25.37	-13	-12.37
		High	Band Edge	-23.01	-13	-10.01
		High	Extended	-22.38	-13	-9.38
	20 MHz	Low	Band Edge	-30.58	-13	-17.58
		Low	Extended	-24.96	-13	-11.96
		High	Band Edge	-31.53	-13	-18.53
		High	Extended	-26.00	-13	-13.00
	15 MHz	Low	Band Edge	-28.40	-13	-15.40
		Low	Extended	-22.24	-13	-9.24
		High	Band Edge	-28.16	-13	-15.16
		High	Extended	-23.74	-13	-10.74
	10 MHz	Low	Band Edge	-27.82	-13	-14.82
		Low	Extended	-17.94	-13	-4.94
		High	Band Edge	-26.62	-13	-13.62
		High	Extended	-18.93	-13	-5.93
	5 MHz	Low	Band Edge	-28.24	-13	-15.24
		Low	Extended	-15.86	-13	-2.86
		High	Band Edge	-26.56	-13	-13.56
		High	Extended	-16.58	-13	-3.58

Table 7-18. Conducted Band Edge Test Results - Ant2

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 71 – ANT2



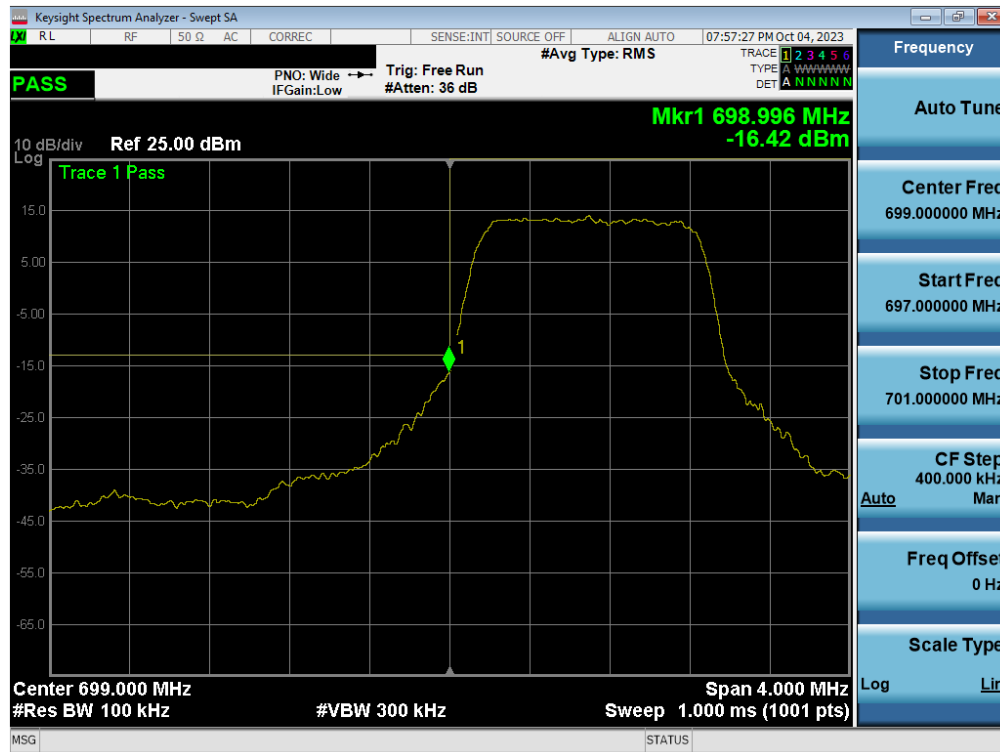
Plot 7-264. Lower Band Edge Plot (LTE Band 71 - 5MHz QPSK – Full RB - ANT2)



Plot 7-265. Upper Band Edge Plot (LTE Band 71 - 5MHz QPSK – Full RB - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 182 of 275

LTE Band 12 – ANT2



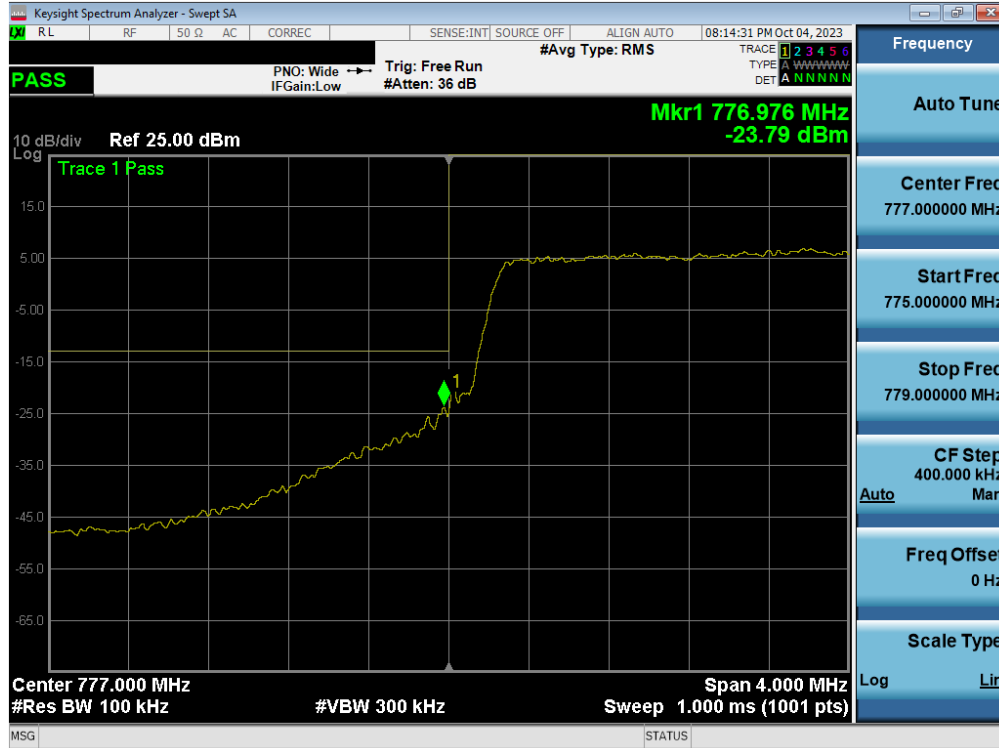
Plot 7-266. Lower Band Edge Plot (LTE Band 12 – 1.4MHz QPSK – Full RB - ANT2)



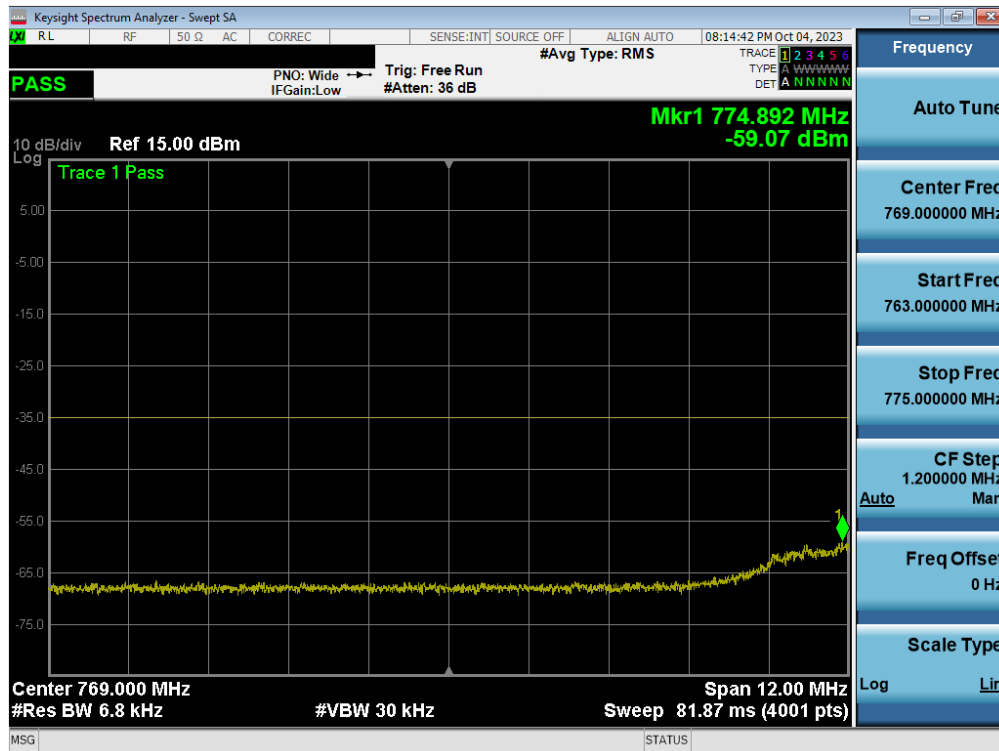
Plot 7-267. Upper Band Edge Plot (LTE Band 12 – 1.4MHz QPSK – Full RB - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 183 of 275

LTE Band 13 – ANT2



Plot 7-268. Lower Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT2)

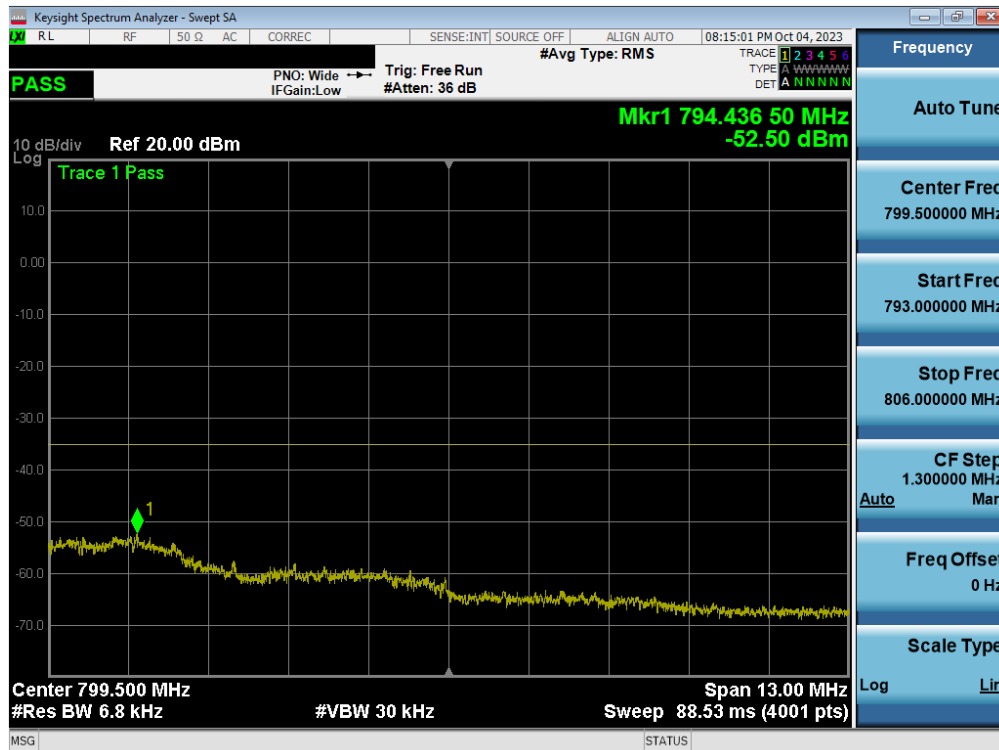


Plot 7-269. Lower Emission Mask Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 184 of 275



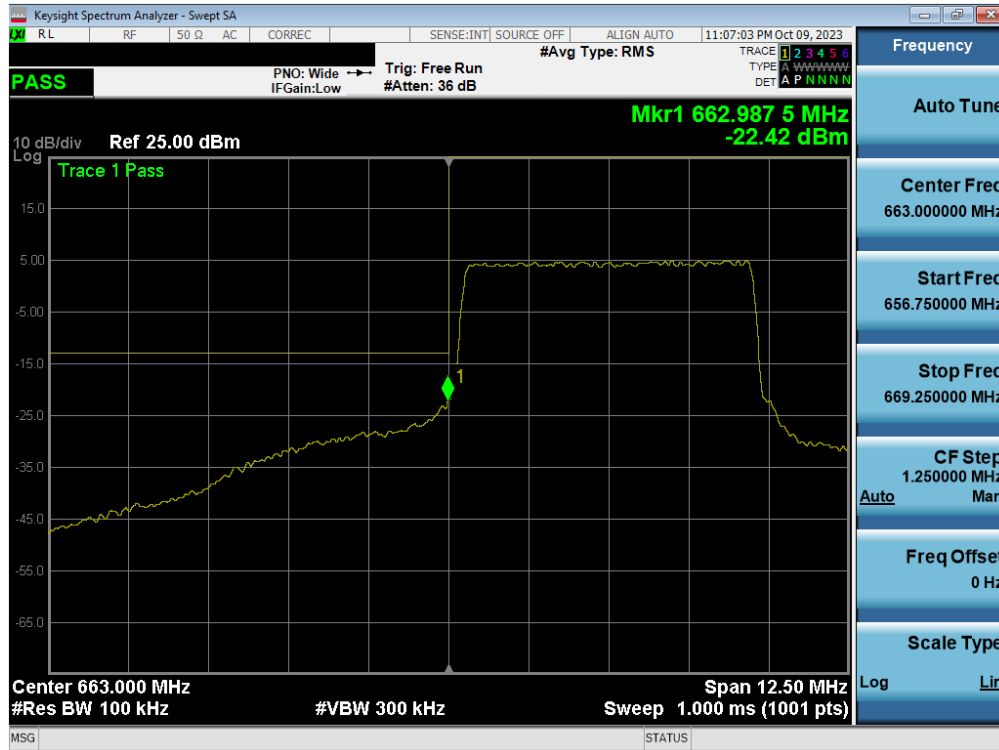
Plot 7-270. Upper Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT2)



Plot 7-271. Upper Emission Mask Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 185 of 275

NR Band n71 – ANT2



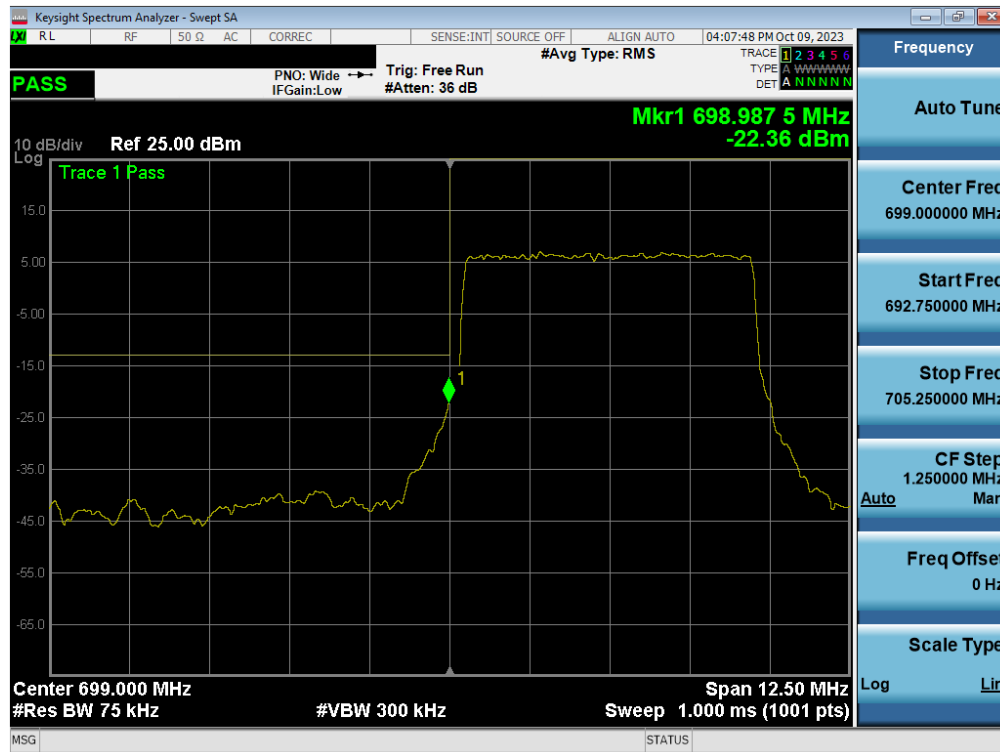
Plot 7-272. Lower Band Edge Plot (NR Band n71 – 5.0MHz - Full RB - ANT2)



Plot 7-273. Upper Band Edge Plot (NR Band n71 – 5.0MHz - Full RB - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 186 of 275

NR Band n12 – ANT2



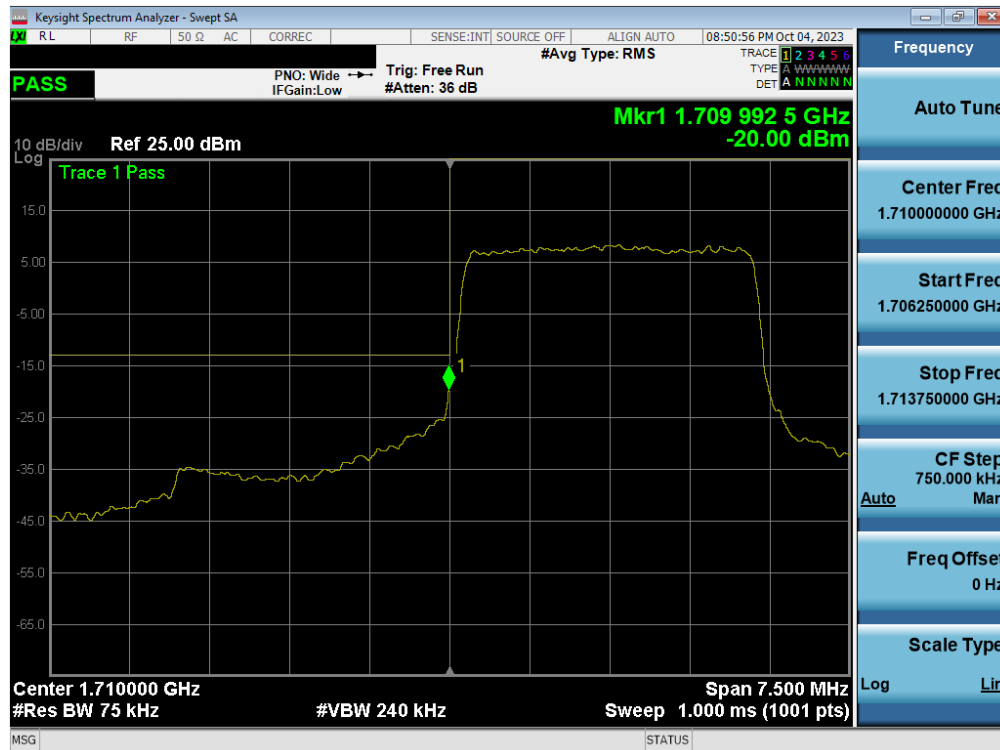
Plot 7-274. Lower Band Edge Plot (NR Band n12 – 5.0MHz - Full RB - ANT2)



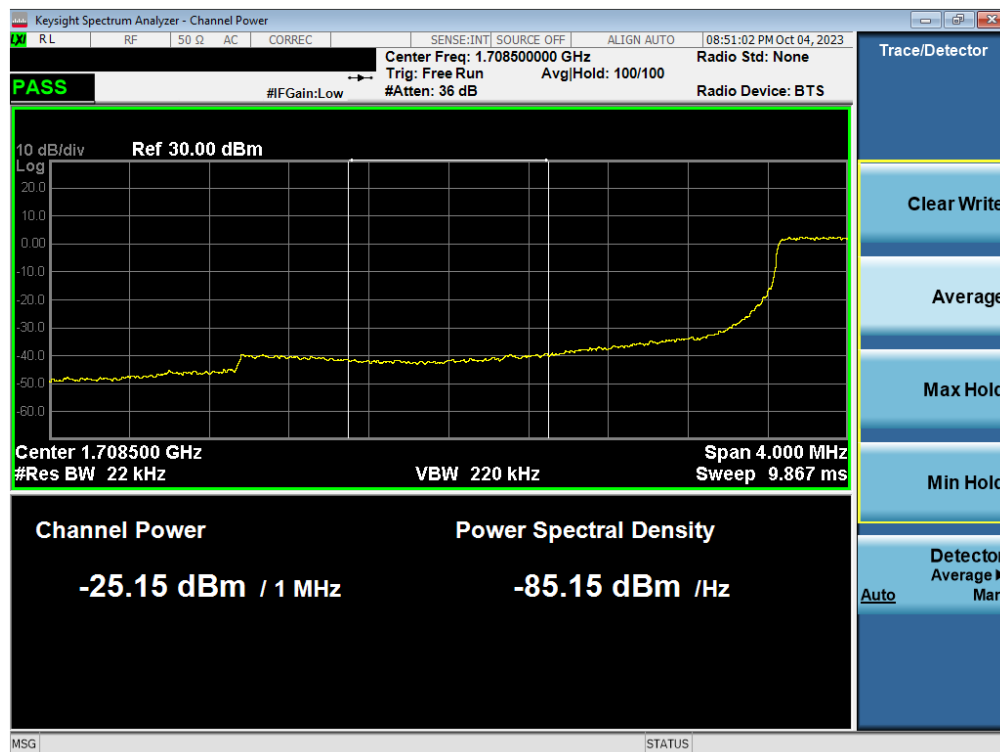
Plot 7-275. Upper Band Edge Plot (NR Band n12 – 5.0MHz - Full RB - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 187 of 275

LTE Band 66/4 – ANT2



Plot 7-276. Lower Band Edge Plot (LTE Band 66/4 - 3MHz QPSK – Full RB - ANT2)

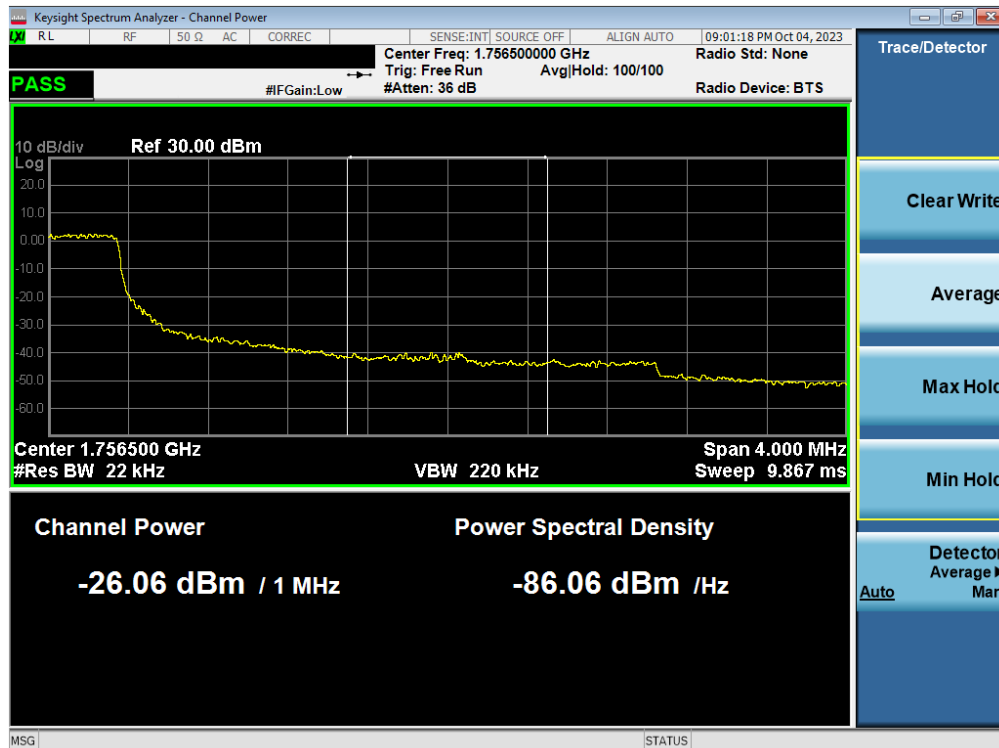


Plot 7-277. Lower Extended Band Edge Plot (LTE Band 66/4 - 3MHz QPSK – Full RB - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-278. Upper Band Edge Plot (LTE Band 4 - 3MHz QPSK – Full RB - ANT2)

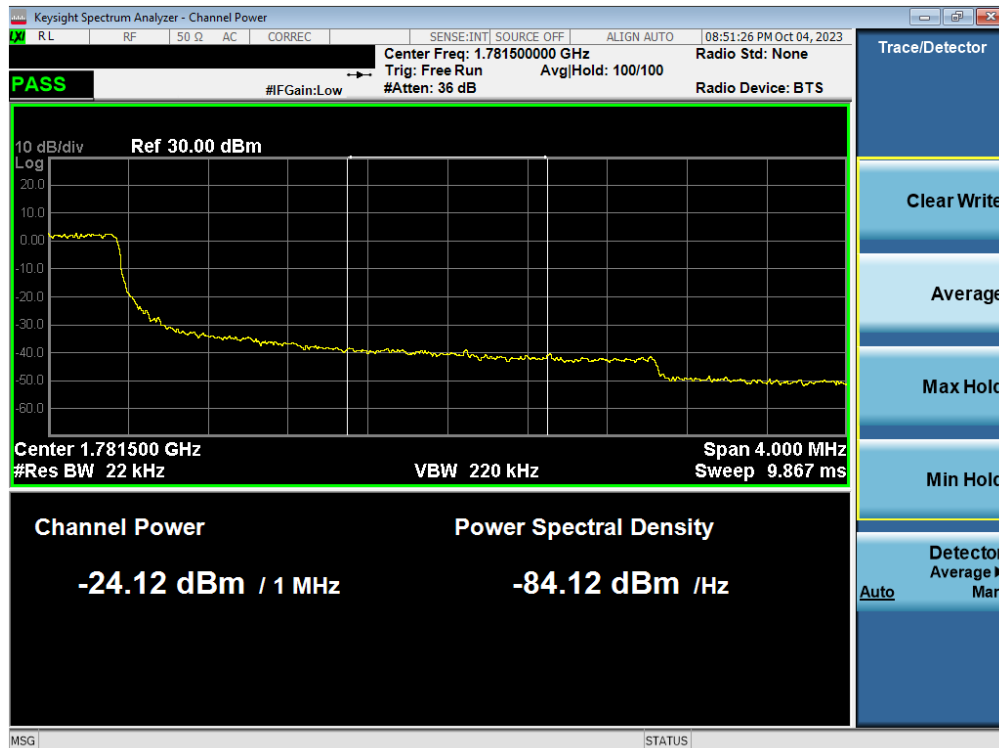


Plot 7-279. Upper Extended Band Edge Plot (LTE Band 4 - 3MHz QPSK – Full RB - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 189 of 275



Plot 7-280. Upper Band Edge Plot (LTE Band 66 - 3MHz QPSK – Full RB - ANT2)

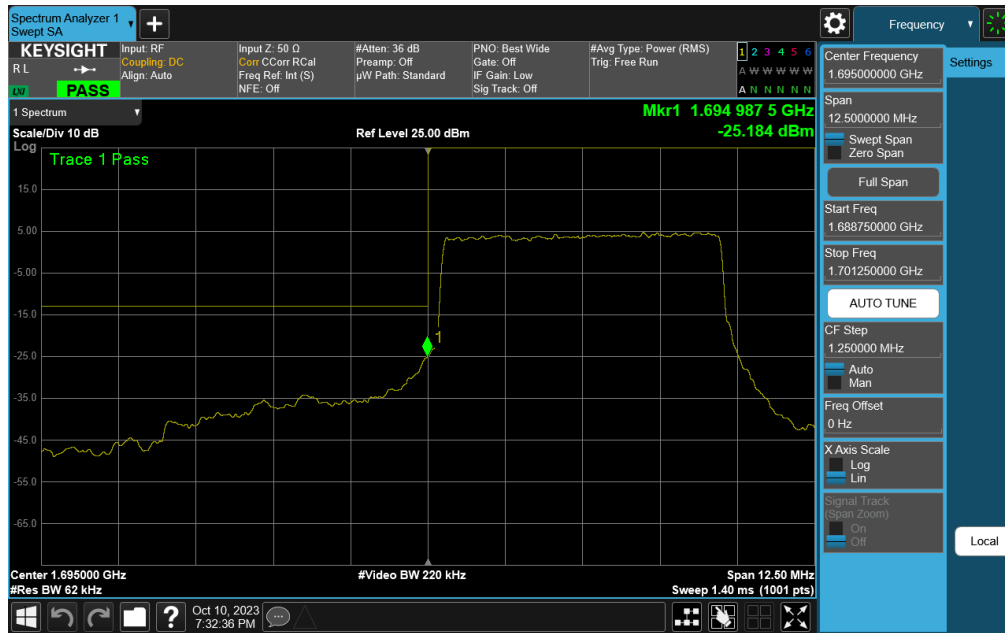


Plot 7-281. Upper Extended Band Edge Plot (LTE Band 66 - 3MHz QPSK – Full RB - ANT2)

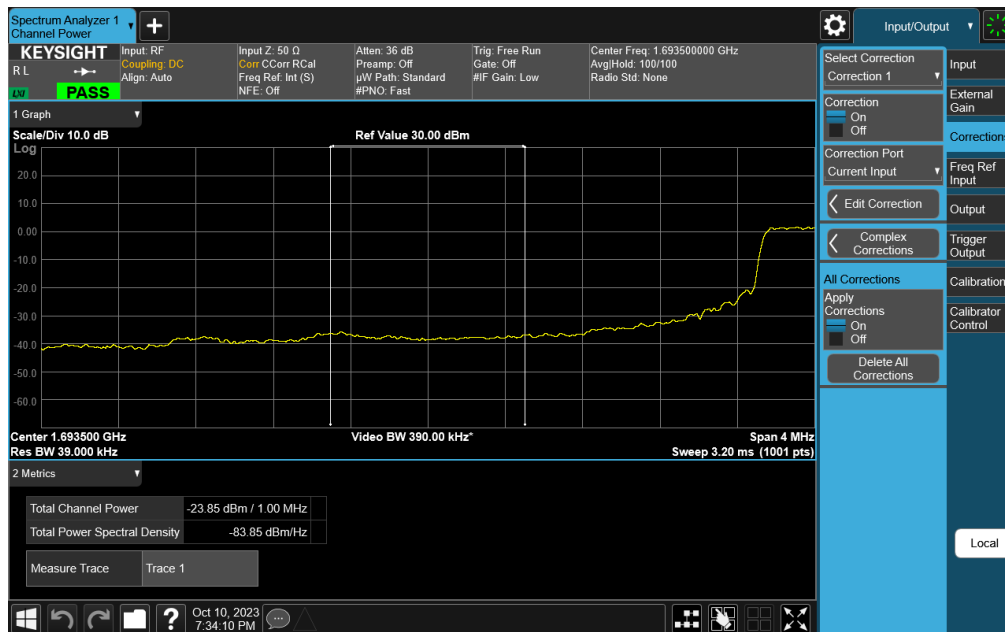
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 190 of 275



NR Band n70 – ANT2

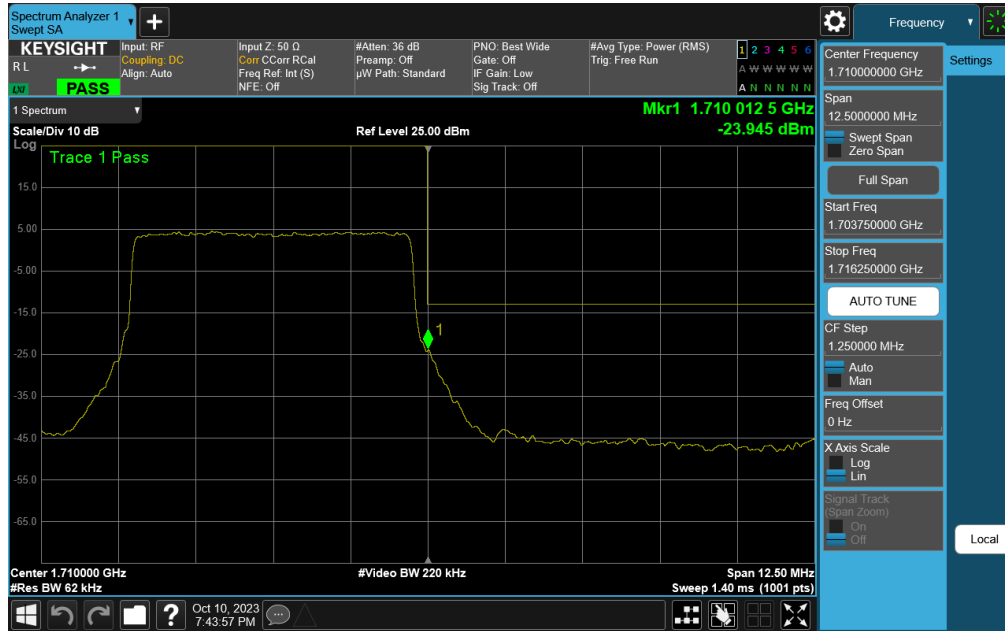


Plot 7-282. Lower Band Edge Plot (NR Band n70 – 5.0MHz - Full RB - ANT2)

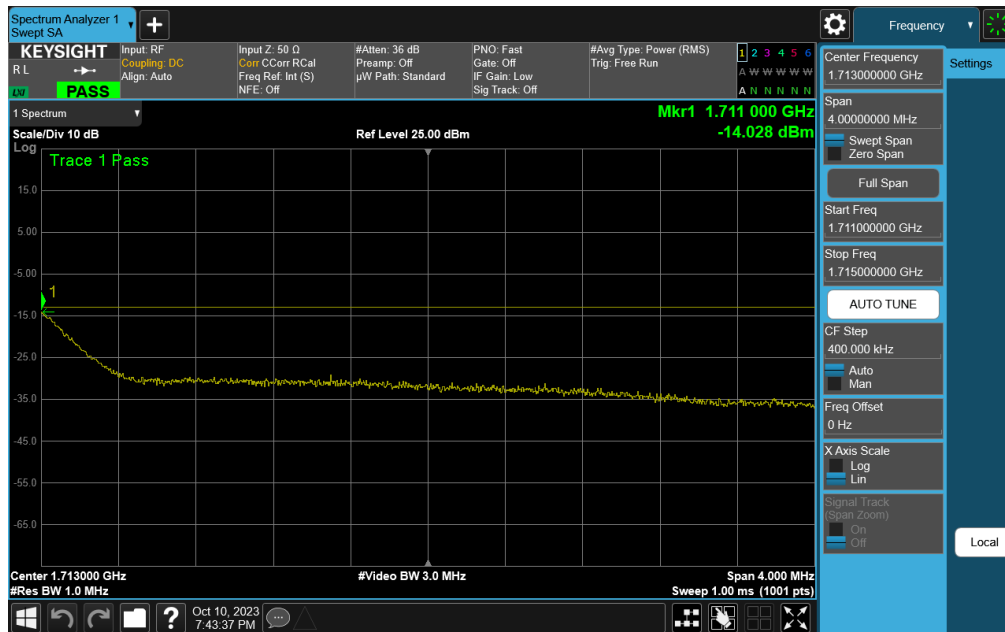


Plot 7-283. Lower Extended Band Edge Plot (NR Band n70 – 5.0MHz - Full RB - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-284. Upper Band Edge Plot (NR Band n70 – 5.0MHz - Full RB - ANT2)

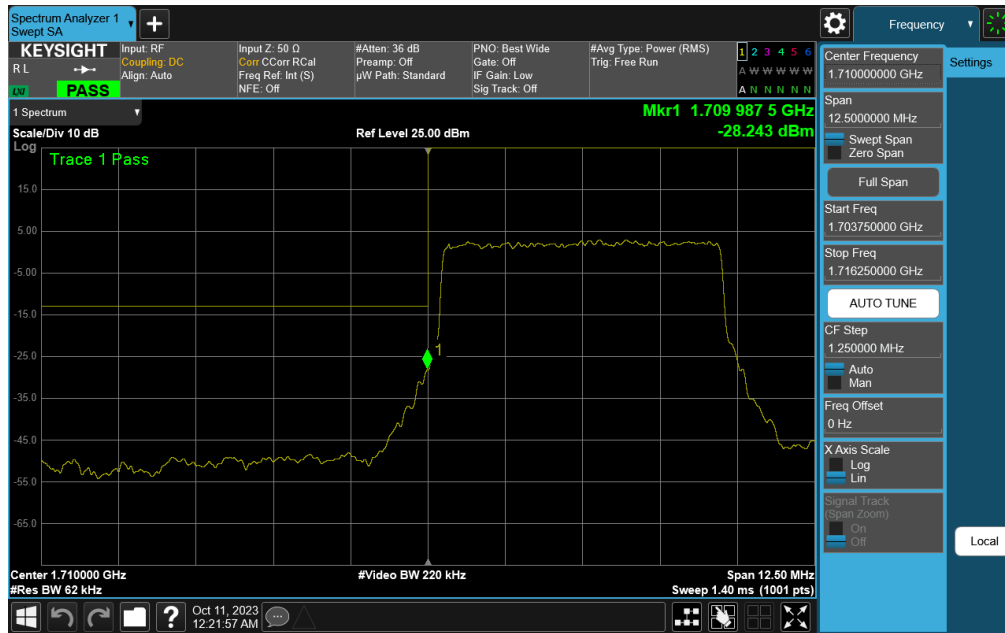


Plot 7-285. Upper Extended Band Edge Plot (NR Band n70 – 5.0MHz - Full RB - ANT2)

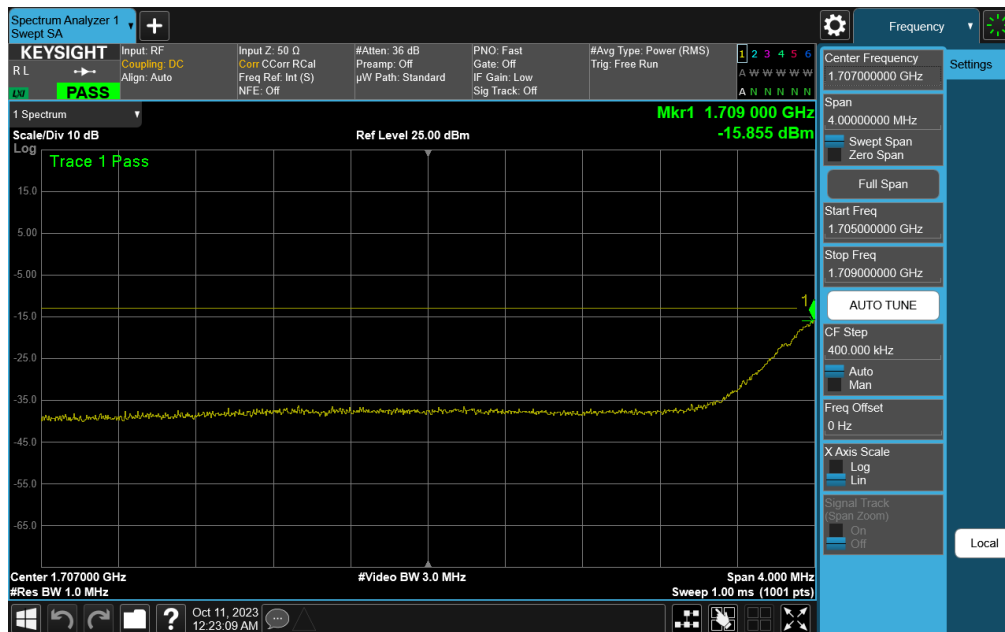
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 192 of 275



NR Band n66 – ANT2



Plot 7-286. Lower Band Edge Plot (NR Band n66 – 5.0MHz - Full RB - ANT2)

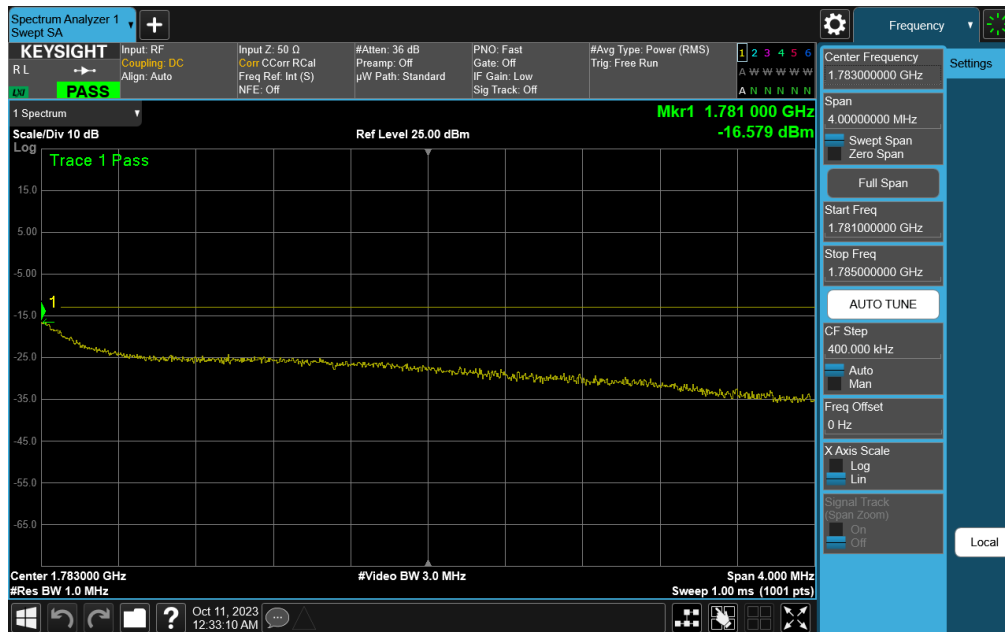


Plot 7-287. Lower Extended Band Edge Plot (NR Band n66 – 5.0MHz - Full RB - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-288. Upper Band Edge Plot (NR Band n66 – 5.0MHz - Full RB - ANT2)

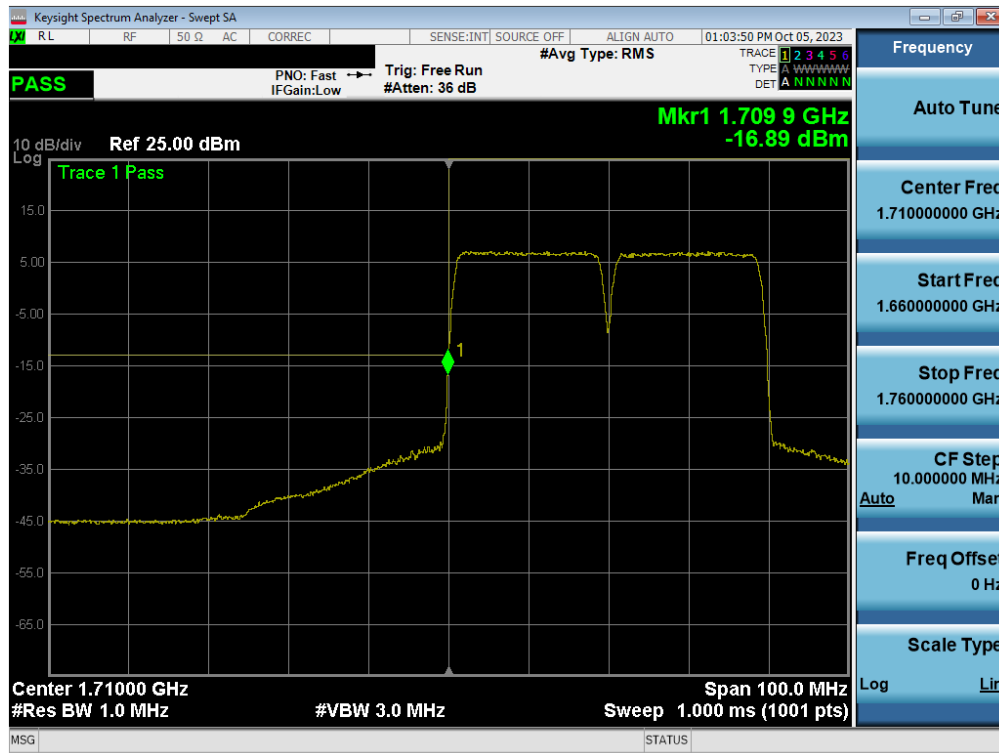


Plot 7-289. Upper Extended Band Edge Plot (NR Band n66 – 5.0MHz - Full RB - ANT2)

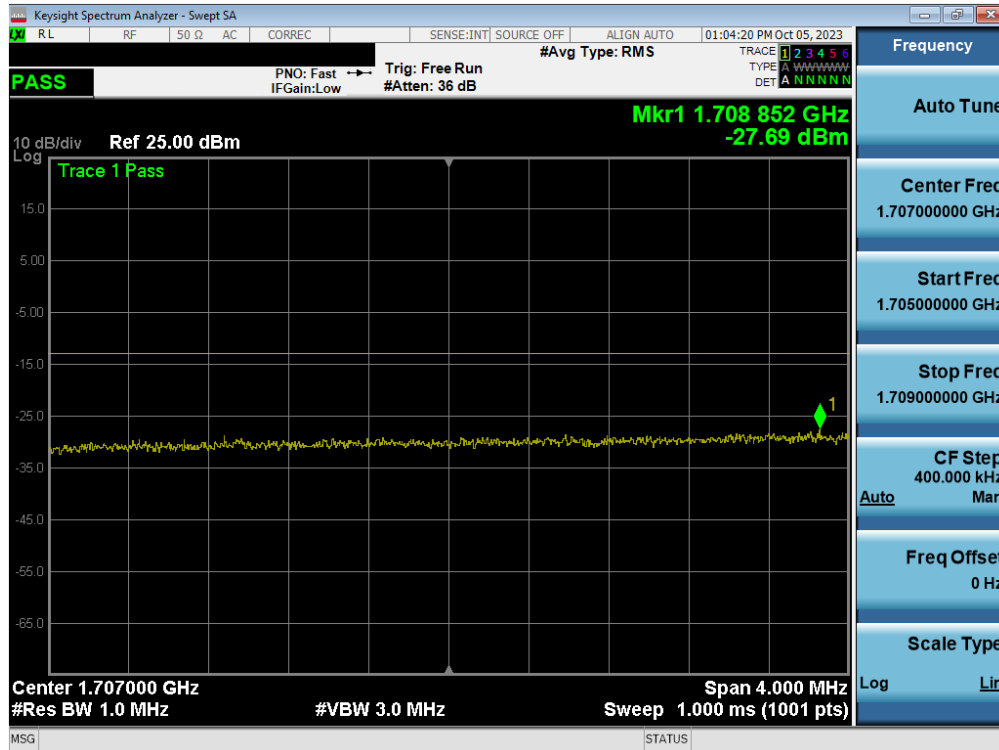
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 194 of 275



Uplink CA LTE Band 66B/C – ANT2



Plot 7-290. Lower Band Edge Plot (ULCA LTE Band 66 - ANT2)

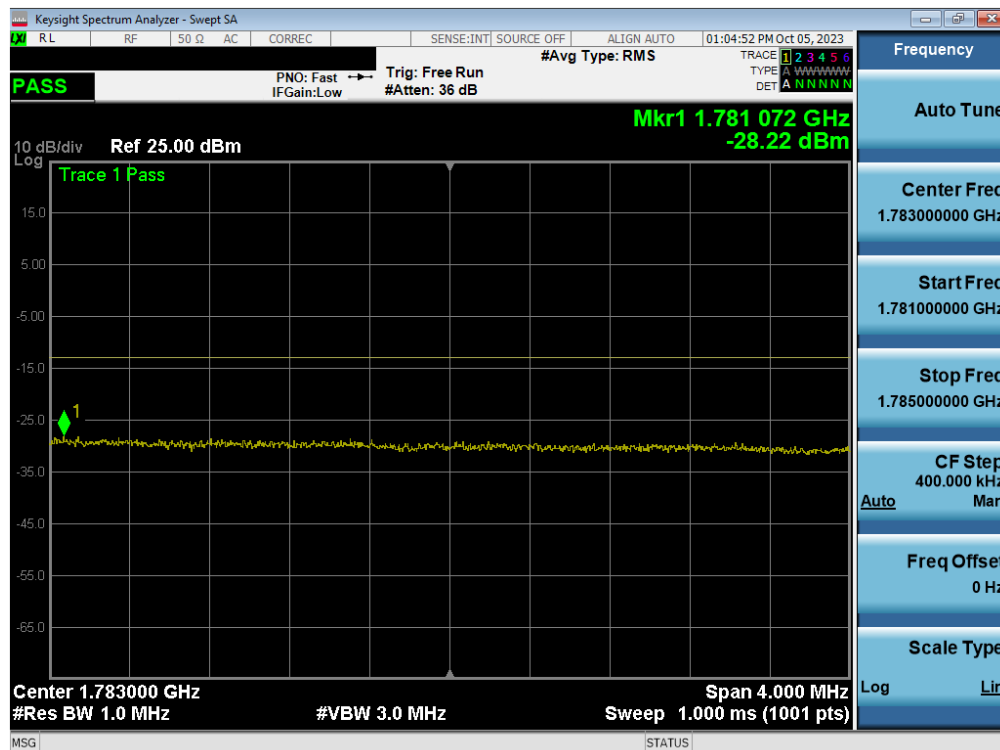


Plot 7-291. Lower Extended Band Edge Plot (ULCA LTE Band 66 - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-292. Upper Band Edge Plot (ULCA LTE Band 66 - ANT2)



Plot 7-293. Upper Extended Band Edge Plot (ULCA LTE Band 66 - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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.

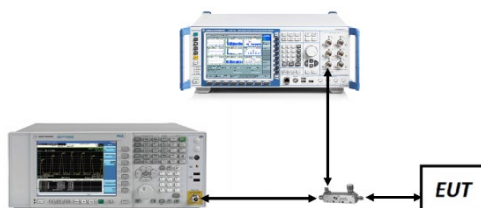


Figure 7-5. Test Instrument & Measurement Setup

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: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
WCDMA-AWS	5MHz	GMSK	22.87	2.97	13	-10.03
LTE-B66-4	20MHz	QPSK	22.54	4.57	13	-8.43
		256QAM	18.53	6.77	13	-6.23
	15MHz	QPSK	22.49	4.54	13	-8.46
		256QAM	18.53	6.77	13	-6.23
	10MHz	QPSK	22.54	4.53	13	-8.47
		256QAM	18.55	6.73	13	-6.27
	5MHz	QPSK	22.51	4.50	13	-8.50
		256QAM	18.51	6.75	13	-6.25
	3MHz	QPSK	22.56	4.42	13	-8.58
		256QAM	18.56	6.79	13	-6.21
	1.4MHz	QPSK	22.49	4.46	13	-8.54
		256QAM	18.52	6.92	13	-6.08

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

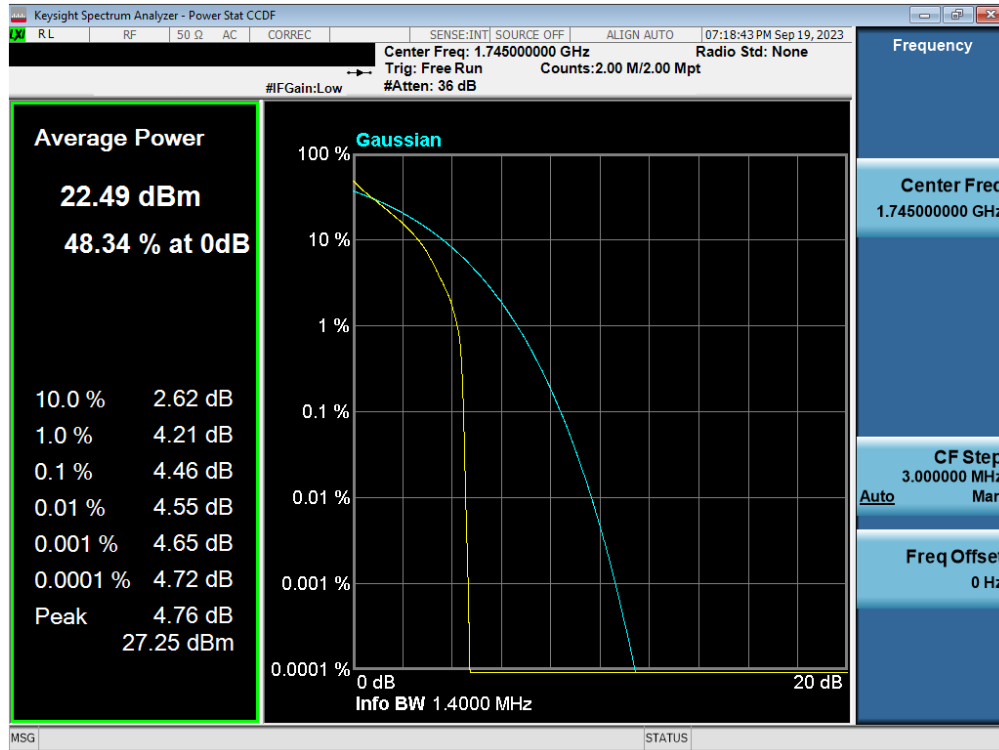
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 198 of 275

Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
NR-n70	15MHz	$\pi/2$ BPSK	22.58	3.98	13	-9.02
		QPSK	20.02	6.55	13	-6.45
		256QAM	16.57	8.42	13	-4.58
	10MHz	$\pi/2$ BPSK	22.66	3.85	13	-9.15
		QPSK	20.12	6.49	13	-6.51
		256QAM	16.68	8.46	13	-4.54
	5MHz	$\pi/2$ BPSK	22.65	4.04	13	-8.96
		QPSK	20.17	6.61	13	-6.39
		256QAM	16.67	8.42	13	-4.58
NR-n66	40MHz	$\pi/2$ BPSK	23.25	3.90	13	-9.10
		QPSK	20.82	6.59	13	-6.41
		256QAM	17.23	8.46	13	-4.54
	35MHz	$\pi/2$ BPSK	22.34	4.31	13	-8.69
		QPSK	18.98	8.77	13	-4.23
		256QAM	15.47	9.62	13	-3.38
	30MHz	$\pi/2$ BPSK	23.38	3.61	13	-9.39
		QPSK	20.71	6.59	13	-6.41
		256QAM	17.26	8.43	13	-4.57
	25MHz	$\pi/2$ BPSK	23.35	4.02	13	-8.98
		QPSK	20.66	6.68	13	-6.32
		256QAM	17.28	9.49	13	-3.51
	20MHz	$\pi/2$ BPSK	23.20	3.81	13	-9.19
		QPSK	20.66	6.52	13	-6.48
		256QAM	17.12	8.42	13	-4.58
	15MHz	$\pi/2$ BPSK	23.16	3.99	13	-9.01
		QPSK	20.55	6.52	13	-6.48
		256QAM	17.05	8.42	13	-4.58
	10MHz	$\pi/2$ BPSK	23.21	3.90	13	-9.10
		QPSK	20.58	6.67	13	-6.33
		256QAM	17.04	8.43	13	-4.57
	5MHz	$\pi/2$ BPSK	23.11	4.06	13	-8.94
		QPSK	20.63	6.64	13	-6.36
		256QAM	16.93	8.58	13	-4.42

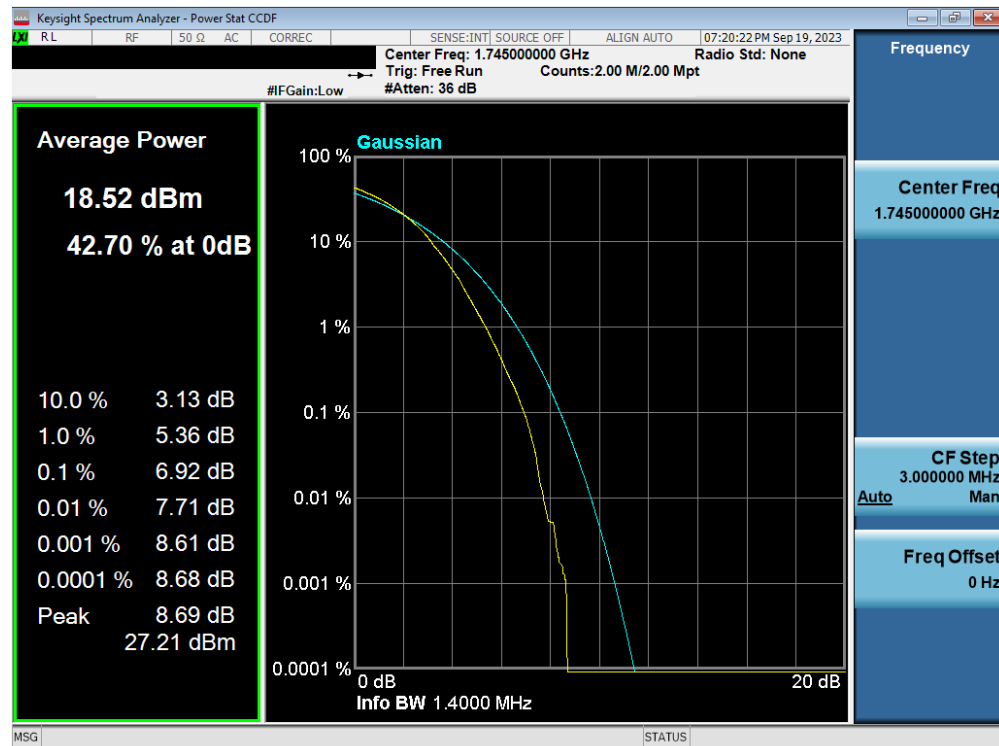
Table 7-20. Peak-Average Ratio Test Results - Ant1

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 66/4 – ANT1



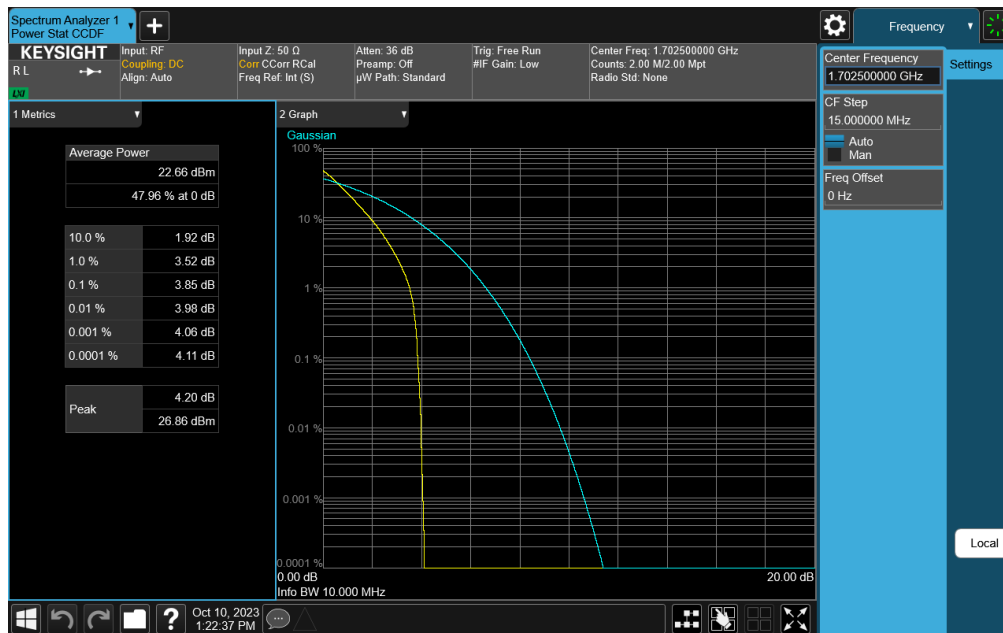
Plot 7-295. PAR Plot (LTE Band 66/4 - 1.4MHz QPSK - Full RB - ANT1)



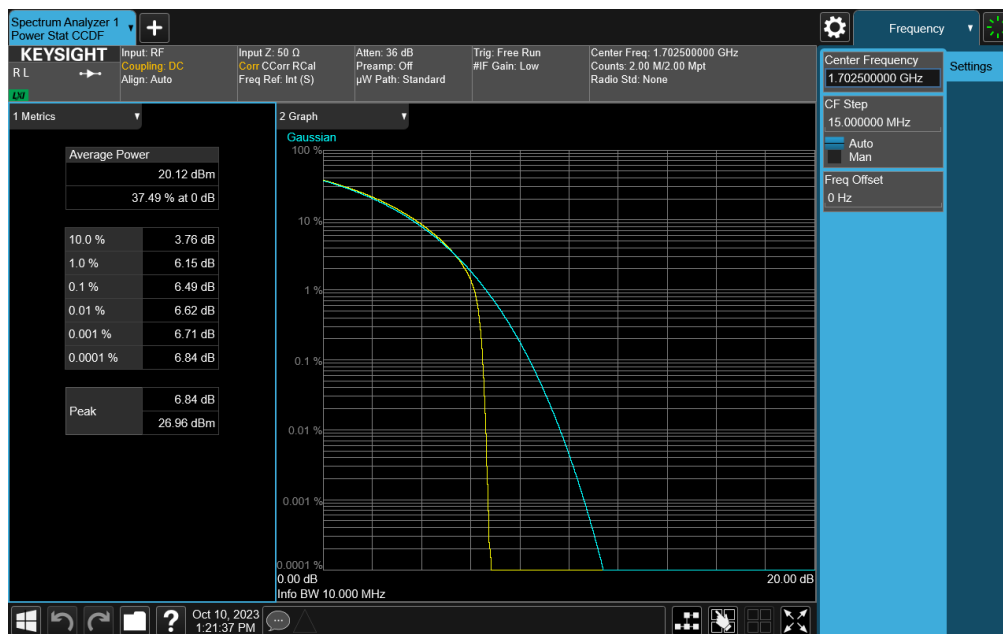
Plot 7-296. PAR Plot (LTE Band 66/4 - 1.4MHz 256-QAM - Full RB - ANT1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 201 of 275

NR Band n70 – ANT1

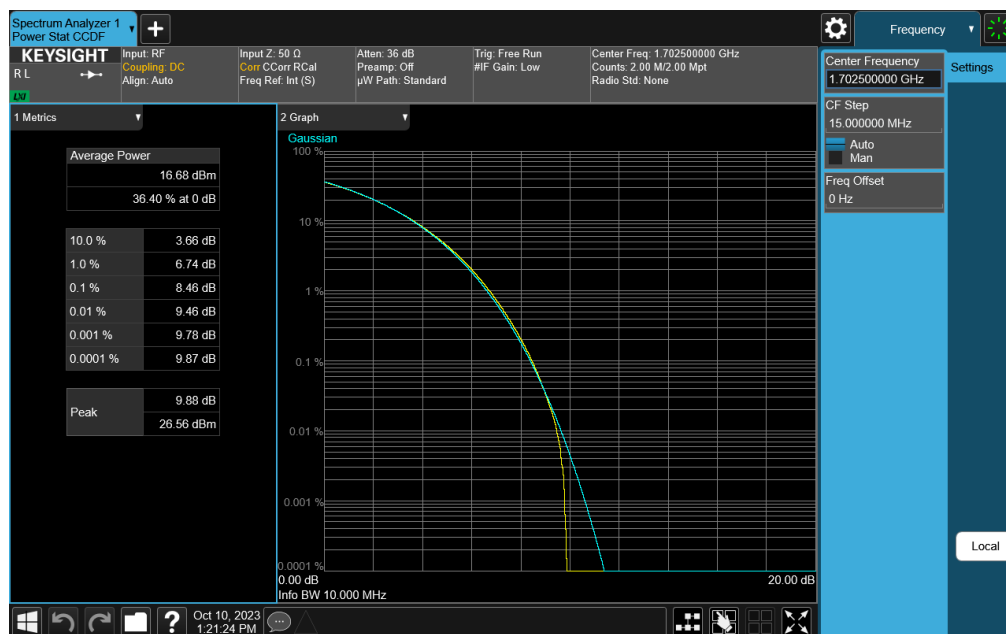


Plot 7-297. PAR Plot (NR Band n70 - 10.0MHz DFT-s-OFDM $\pi/2$ BPSK- Full RB - ANT1)



Plot 7-298. PAR Plot (NR Band n70 - 10.0MHz CP-OFDM QPSK - Full RB - ANT1)

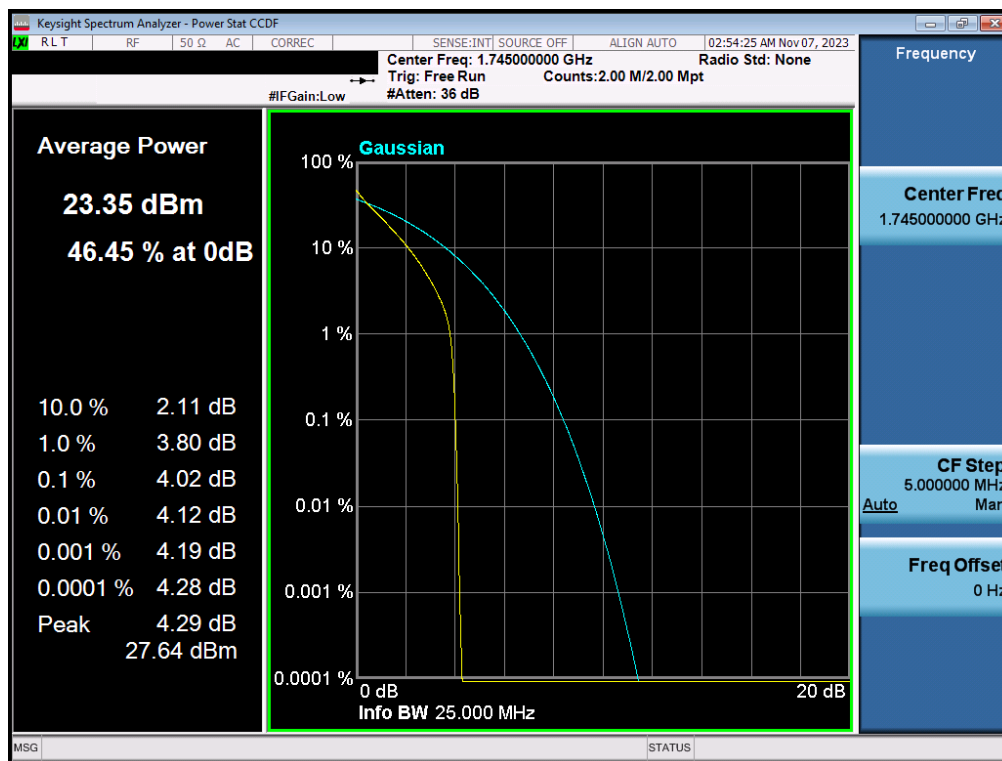
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 202 of 275



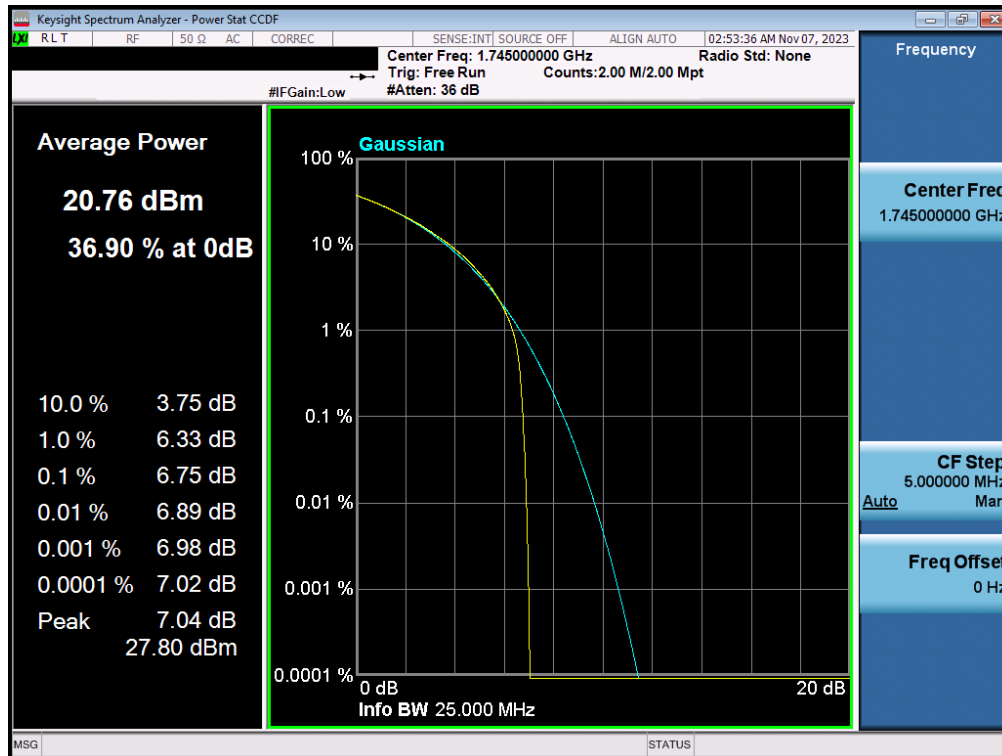
Plot 7-299. PAR Plot (NR Band n70 - 10.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 203 of 275

NR Band n66 – ANT1

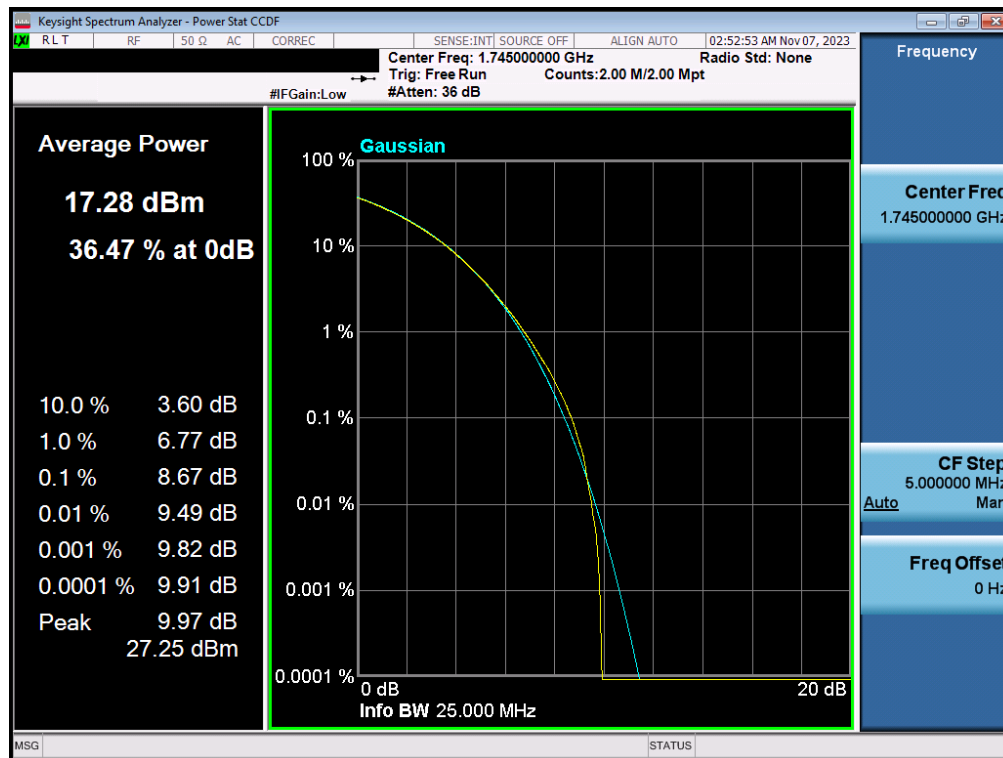


Plot 7-300. PAR Plot (NR Band n66 - 25.0MHz DFT-s-OFDM $\pi/2$ BPSK- Full RB - ANT1)



Plot 7-301. PAR Plot (NR Band n66 - 25.0MHz CP-OFDM QPSK - Full RB - ANT1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-302. PAR Plot (NR Band n66 - 25.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 - 11//2023	EUT Type: Portable Handset	Page 205 of 275

Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
LTE-B66-4	20MHz	QPSK	22.50	4.53	13	-8.47
		256QAM	18.47	6.82	13	-6.18
	15MHz	QPSK	22.45	4.52	13	-8.48
		256QAM	18.49	6.84	13	-6.16
	10MHz	QPSK	22.52	4.46	13	-8.54
		256QAM	18.51	6.81	13	-6.19
	5MHz	QPSK	22.49	4.45	13	-8.55
		256QAM	18.84	7.47	13	-5.53
	3MHz	QPSK	22.50	4.41	13	-8.59
		256QAM	18.50	6.86	13	-6.14
	1.4MHz	QPSK	22.41	4.47	13	-8.53
		256QAM	18.67	7.28	13	-5.72

Table 7-21. Peak-Average Ratio Test Results – Ant2

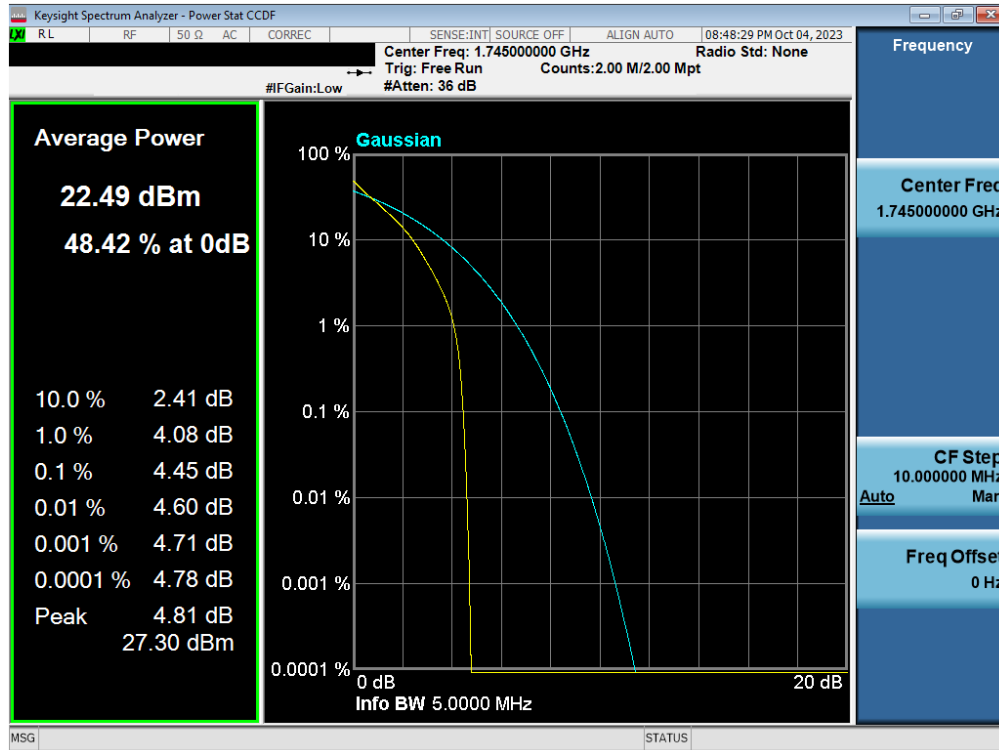
FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 206 of 275

Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
NR-n70	15MHz	$\pi/2$ BPSK	22.15	3.96	13	-9.04
		QPSK	20.13	6.54	13	-6.46
		256QAM	16.66	8.42	13	-4.58
	10MHz	$\pi/2$ BPSK	22.20	3.79	13	-9.21
		QPSK	20.17	6.47	13	-6.53
		256QAM	16.64	8.42	13	-4.58
	5MHz	$\pi/2$ BPSK	22.21	4.02	13	-8.98
		QPSK	20.24	6.61	13	-6.39
		256QAM	16.69	8.42	13	-4.58
NR-n66	40MHz	$\pi/2$ BPSK	22.04	3.87	13	-9.13
		QPSK	20.57	6.64	13	-6.36
		256QAM	17.03	8.43	13	-4.57
	35MHz	$\pi/2$ BPSK	22.01	3.86	13	-9.14
		QPSK	22.19	6.59	13	-6.41
		256QAM	17.04	8.29	13	-4.71
	30MHz	$\pi/2$ BPSK	22.05	3.81	13	-9.19
		QPSK	20.43	6.63	13	-6.37
		256QAM	16.94	8.45	13	-4.55
	25MHz	$\pi/2$ BPSK	22.00	3.80	13	-9.20
		QPSK	20.39	6.59	13	-6.41
		256QAM	16.90	8.39	13	-4.61
	20MHz	$\pi/2$ BPSK	22.01	3.81	13	-9.19
		QPSK	20.31	6.52	13	-6.48
		256QAM	16.77	8.47	13	-4.53
	15MHz	$\pi/2$ BPSK	21.88	3.88	13	-9.12
		QPSK	20.31	6.54	13	-6.46
		256QAM	16.90	8.43	13	-4.57
	10MHz	$\pi/2$ BPSK	22.81	3.90	13	-9.10
		QPSK	20.28	6.50	13	-6.50
		256QAM	16.77	8.45	13	-4.55
	5MHz	$\pi/2$ BPSK	22.87	4.04	13	-8.96
		QPSK	20.37	6.63	13	-6.37
		256QAM	16.82	8.44	13	-4.56

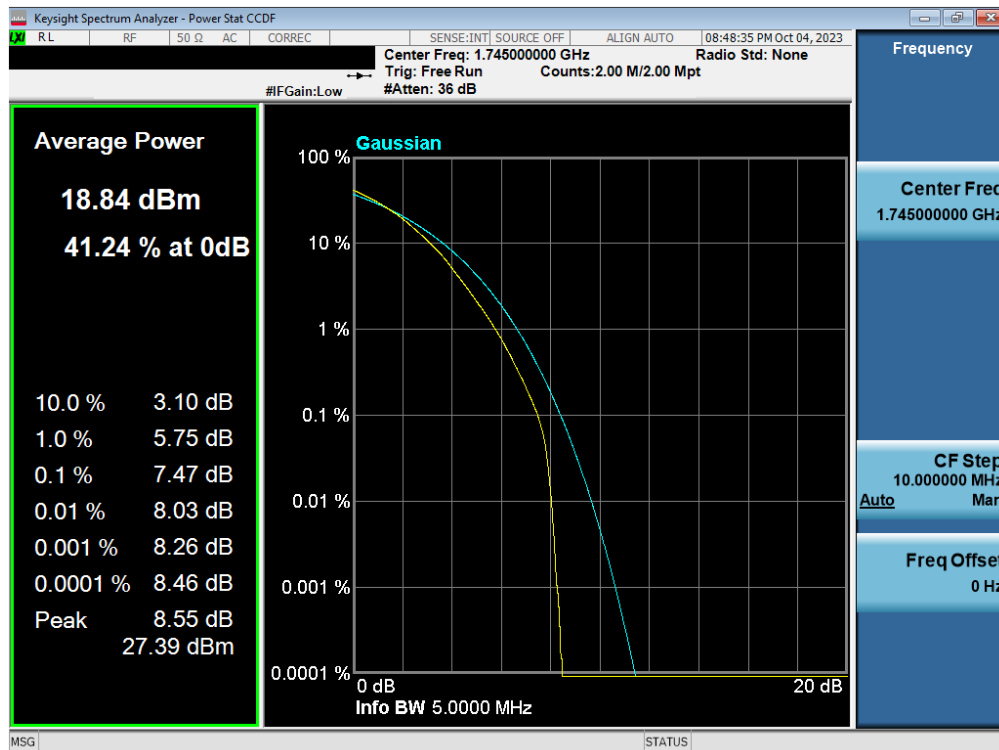
Table 7-22. Peak-Average Ratio Test Results – Ant2

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 207 of 275

LTE Band 66/4 – ANT2



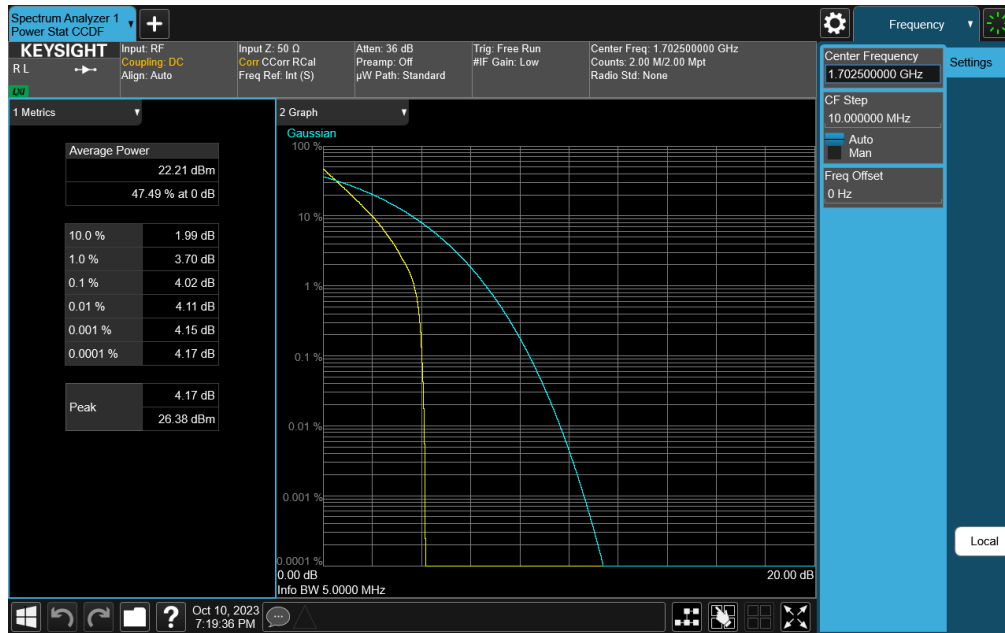
Plot 7-303. PAR Plot (LTE Band 66/4 - 5MHz QPSK - Full RB - ANT2)



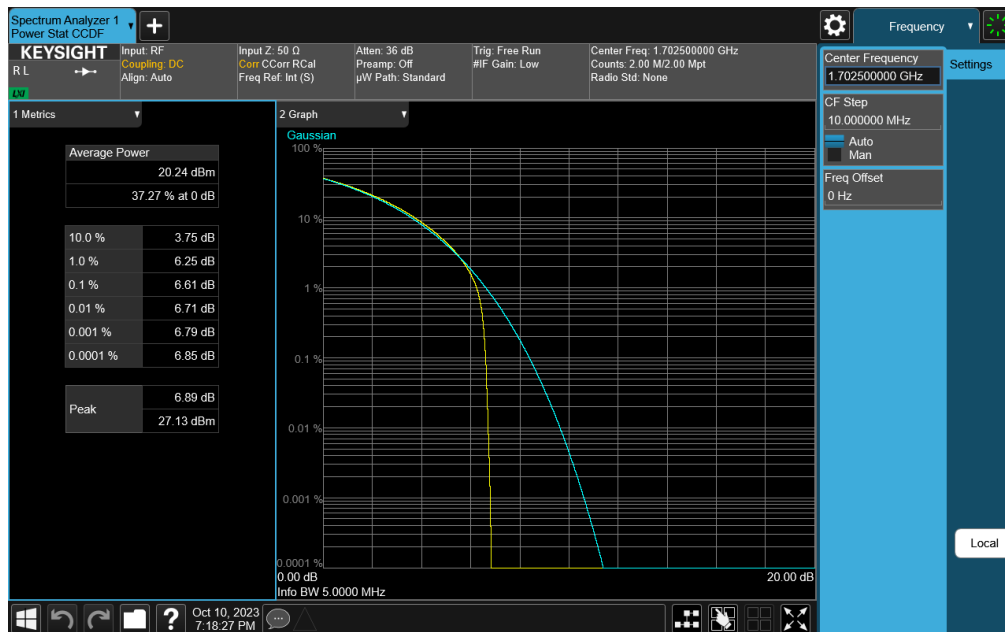
Plot 7-304. PAR Plot (LTE Band 66/4 - 5MHz 256-QAM - Full RB - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 208 of 275

NR Band n70 – ANT2



lot 7-305. PAR Plot (NR Band n70 - 5.0MHz DFT-s-OFDM $\pi/2$ BPSK- Full RB - ANT2)



Plot 7-306. PAR Plot (NR Band n70 - 5.0MHz CP-OFDM QPSK - Full RB - ANT2)

FCC ID: A3LSMS928U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2308210092-04.A3L	Test Dates: 9/7 – 11//2023	EUT Type: Portable Handset	Page 209 of 275