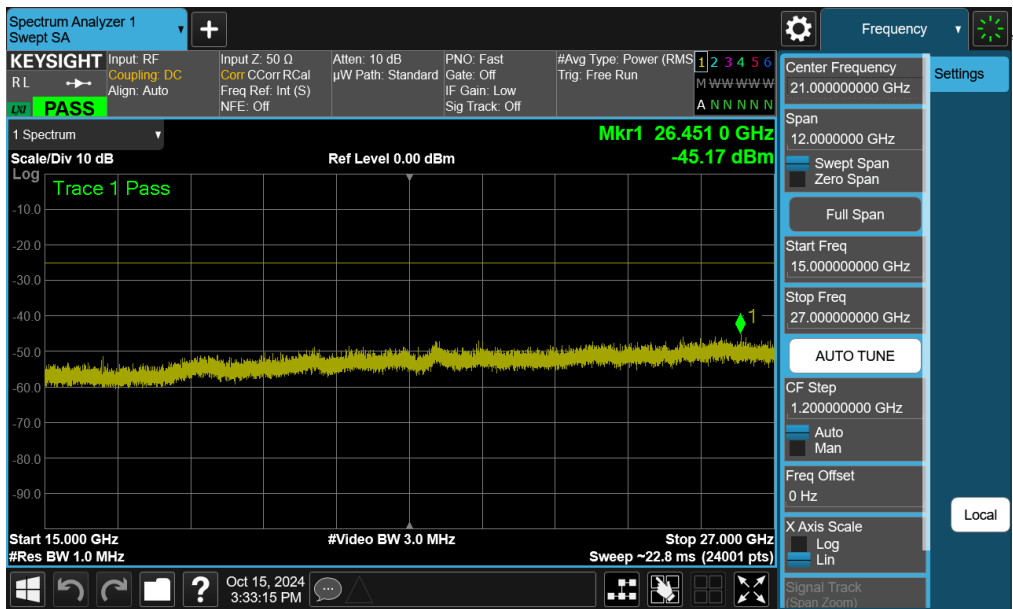
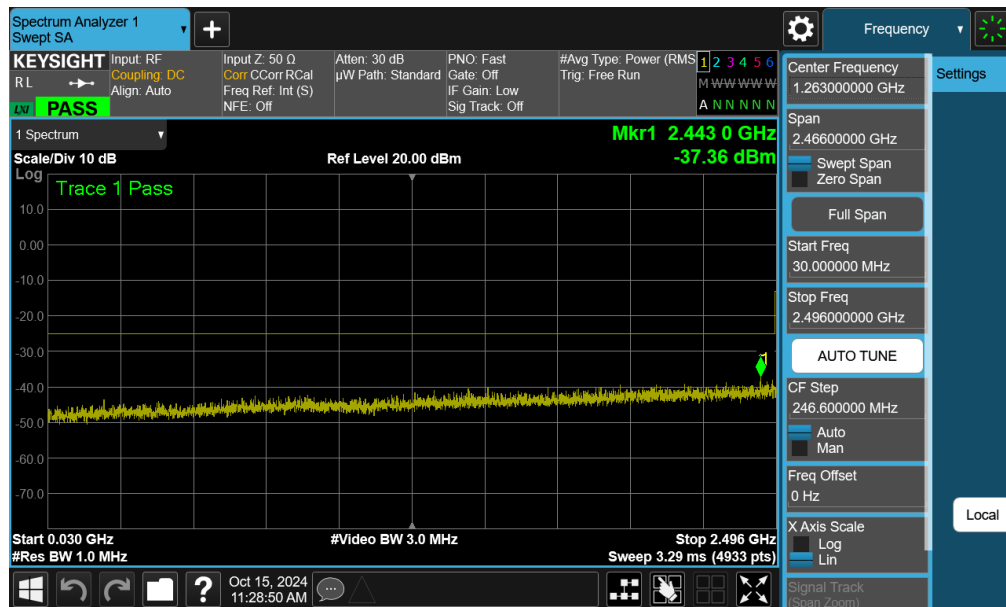




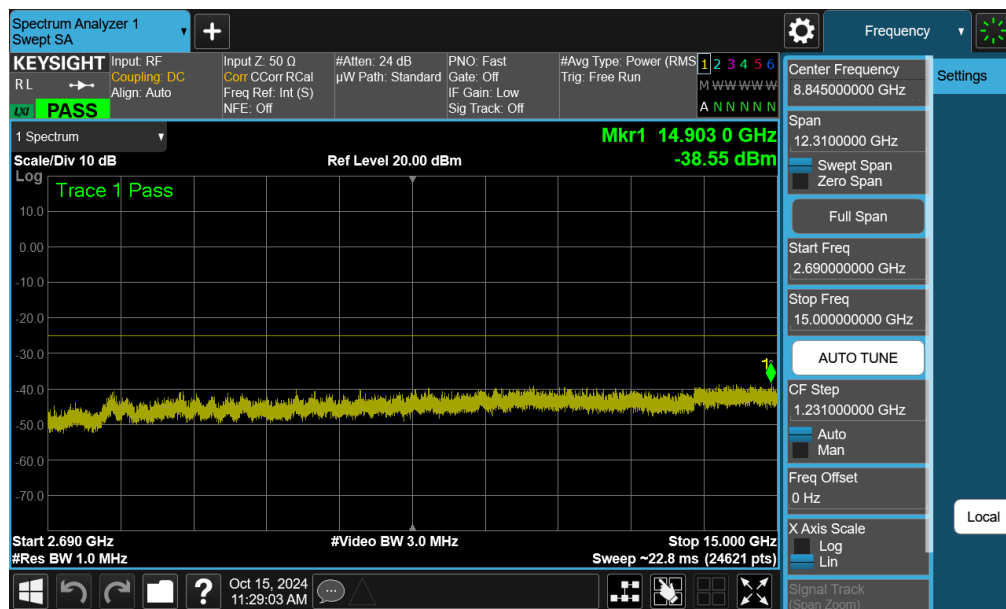
Plot 7-274. Conducted Spurious Plot (NR Band n41 - 100MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel Ant D)

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 179 of 274

NR Band n41 – Ant D - Default

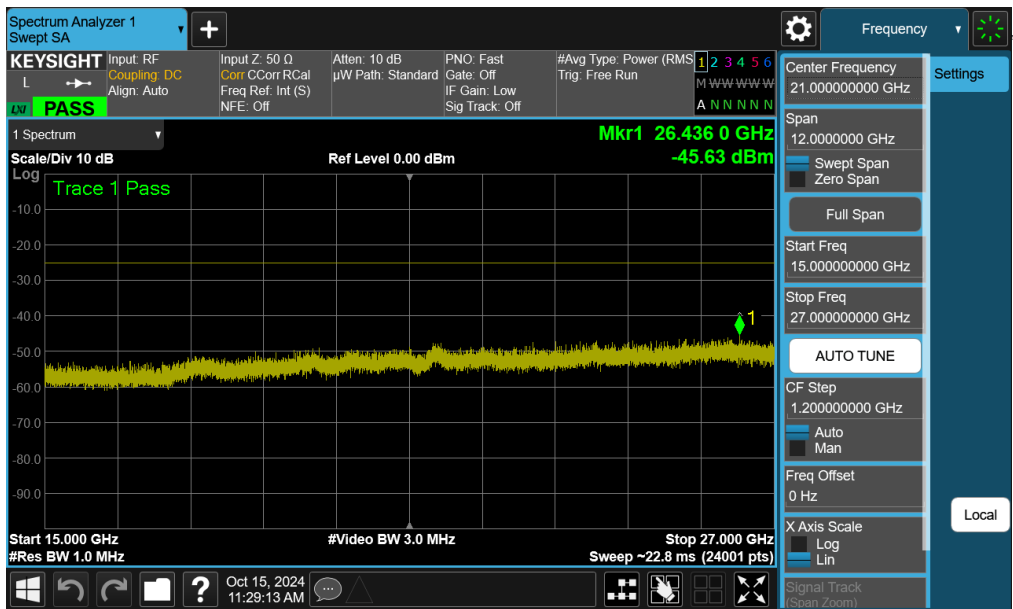


Plot 7-275. Conducted Spurious Plot (NR Band n41 - 100MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel Ant D)



Plot 7-276. Conducted Spurious Plot (NR Band n41 - 100MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel Ant D)

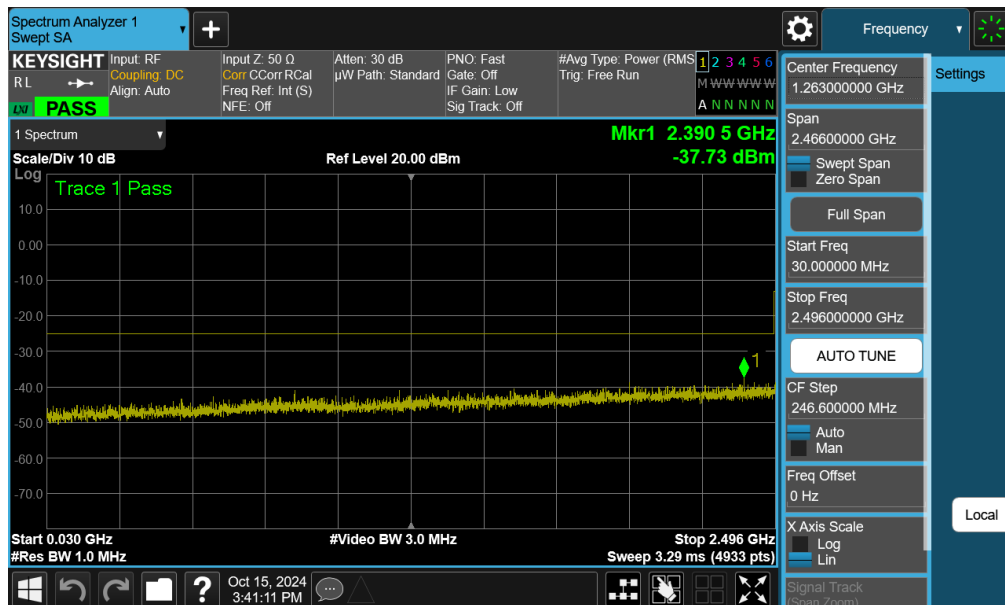
FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 180 of 274



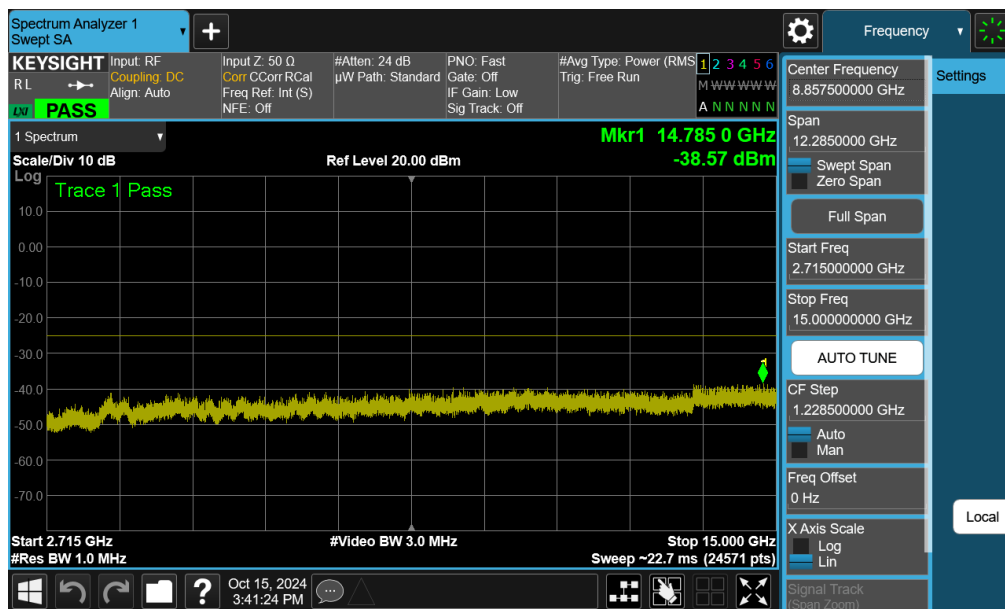
Plot 7-277. Conducted Spurious Plot (NR Band n41 - 100MHz QPSK - RB Size 1, RB Offset 0 - Mid Channel Ant D)

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 181 of 274

NR Band n41 – Ant E - Switching

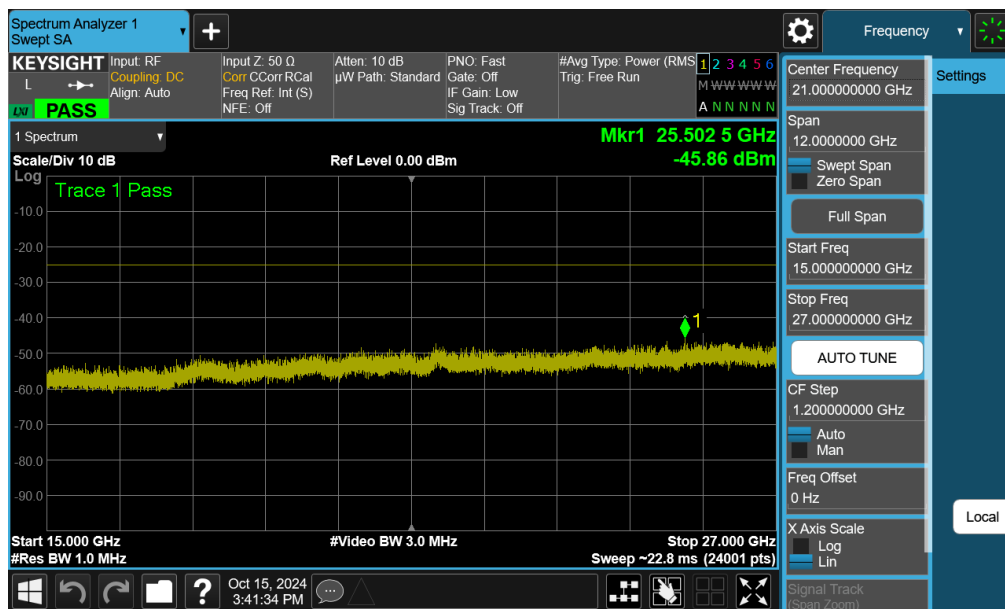


Plot 7-278. Conducted Spurious Plot (NR Band n41 - 100MHz QPSK - RB Size 1, RB Offset 0 - High Channel Ant E)



Plot 7-279. Conducted Spurious Plot (NR Band n41 - 100MHz QPSK - RB Size 1, RB Offset 0 - High Channel Ant E)

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 182 of 274



Plot 7-280. Conducted Spurious Plot (NR Band n41 - 100MHz QPSK - RB Size 1, RB Offset 0 - High Channel Ant E)

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 183 of 274

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 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 for Band 30 is $> 43 + 10 \log_{10} (P[\text{Watts}]$ at 2300-2305MHz & 2345-2360MHz, $> 55 + 10 \log_{10} (P[\text{Watts}]$ at 2320-2324MHz & 2341-2345MHz, $> 61 + 10 \log_{10} (P[\text{Watts}]$ at 2324-2328MHz & 2337-2341MHz, $> 67 + 10 \log_{10} (P[\text{Watts}]$ at 2288-2292MHz & 2328-2337MHz, and $> 70 + 10 \log_{10} (P[\text{Watts}]$ at frequencies $< 2288\text{MHz}$ & $> 2365\text{MHz}$.

The minimum permissible attenuation level for Band 7 and 41 is as noted in the Test Notes on the following page.

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.

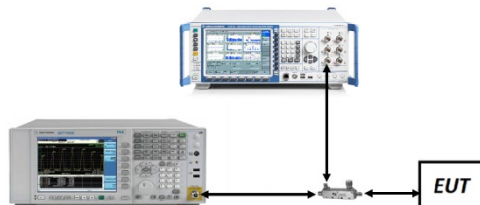


Figure 7-4. Test Instrument & Measurement Setup

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 184 of 274

Test Notes

1. Per 27.53(a)(5) in the 1 MHz bands immediately outside and adjacent to the channel blocks at 2305, 2310, 2315, 2320, 2345, 2350, 2355, and 2360 MHz, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (i.e., 1 MHz). 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 emissions are attenuated at least 26 dB below the transmitter power.
2. Per 27.53(m) for operations in the BRS/EBS bands, the attenuation factor shall be not less than $40 + 10 \log(P)$ dB on all frequencies between the channel edge and 5 megahertz from the channel edge, $43 + 10 \log(P)$ dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and $55 + 10 \log(P)$ dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth. In addition, the attenuation factor shall not be less than $43 + 10 \log(P)$ dB on all frequencies between 2490.5 MHz and 2496 MHz and $55 + 10 \log(P)$ dB at or below 2490.5 MHz.
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.

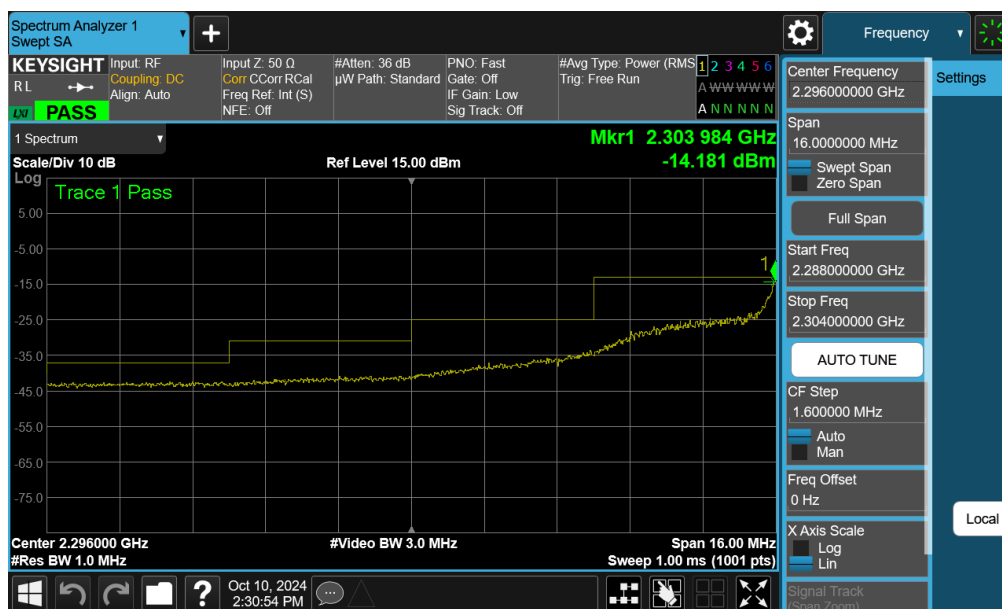
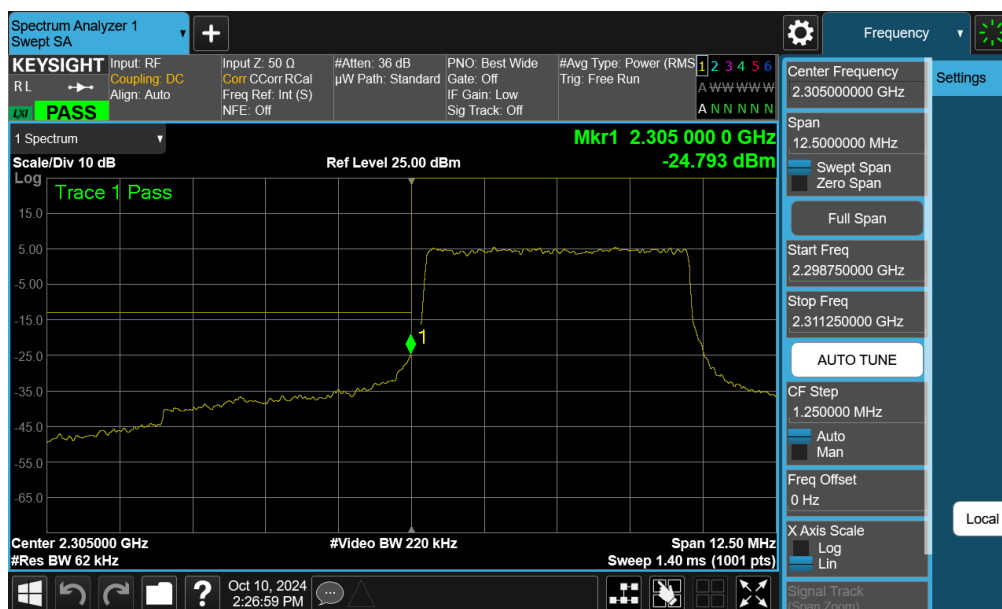
FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 185 of 274

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE-B30	10MHz	Low	Band Edge	-29.35	-13	-16.35
		Low	Extended	-39.00	-25	-14.00
		High	Band Edge	-28.51	-13	-15.51
		High	Extended	-43.44	-38	-5.44
	5MHz	Low	Band Edge	-24.79	-13	-11.79
		Low	Extended	-14.18	-13	-1.18
		High	Band Edge	-25.07	-13	-12.07
		High	Extended	-43.22	-38	-5.22
LTE-B7	20MHz	Low	Band Edge	-34.39	-25	-9.39
		High	Band Edge	-27.61	-10	-17.61
	15MHz	Low	Band Edge	-35.61	-25	-10.61
		High	Band Edge	-26.55	-10	-16.55
	10MHz	Low	Band Edge	-42.58	-25	-17.58
		High	Band Edge	-42.15	-25	-17.15
	5MHz	Low	Band Edge	-41.11	-25	-16.11
		High	Band Edge	-40.84	-25	-15.84
LTE-B41PC3-38	20MHz	Low	Band Edge	-27.67	-25	-2.67
		High	Band Edge	-25.45	-10	-15.45
	15MHz	Low	Band Edge	-26.59	-25	-1.59
		High	Band Edge	-22.35	-10	-12.35
	10MHz	Low	Band Edge	-26.87	-25	-1.87
		High	Band Edge	-23.53	-10	-13.53
	5MHz	Low	Band Edge	-20.65	-13	-7.65
		High	Band Edge	-21.79	-10	-11.79

Table 7-28. Conducted Band Edge Test Results – LTE – Ant F

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 186 of 274

LTE Band 30 – Ant F

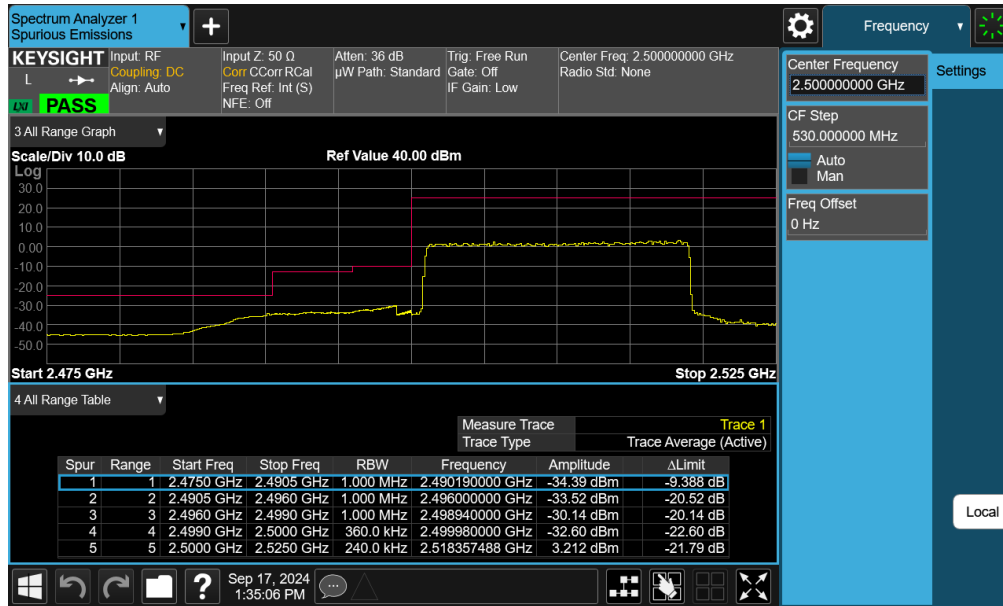


FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2-A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 187 of 274

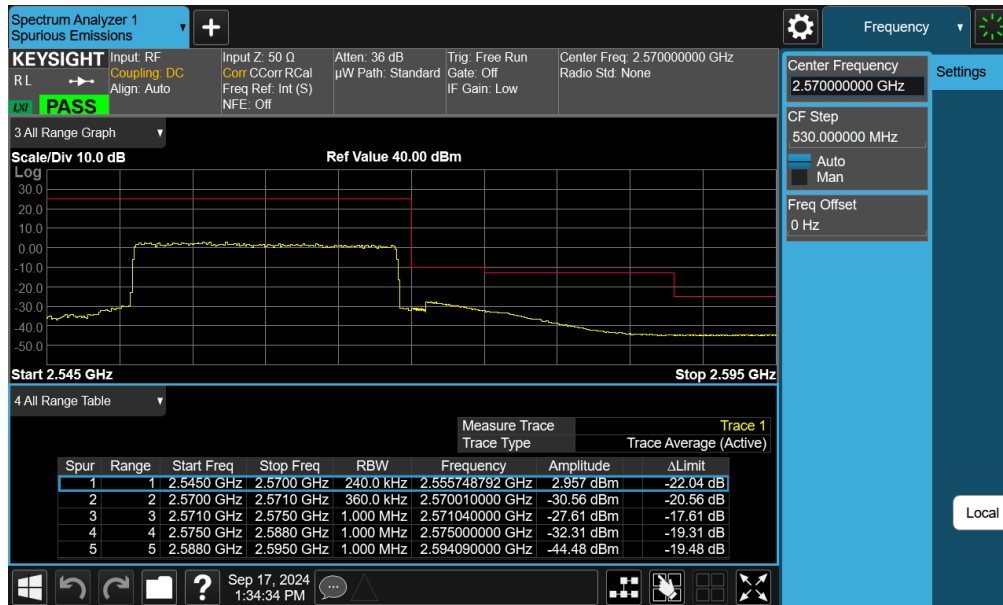


FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 188 of 274

LTE Band 7 – Ant F



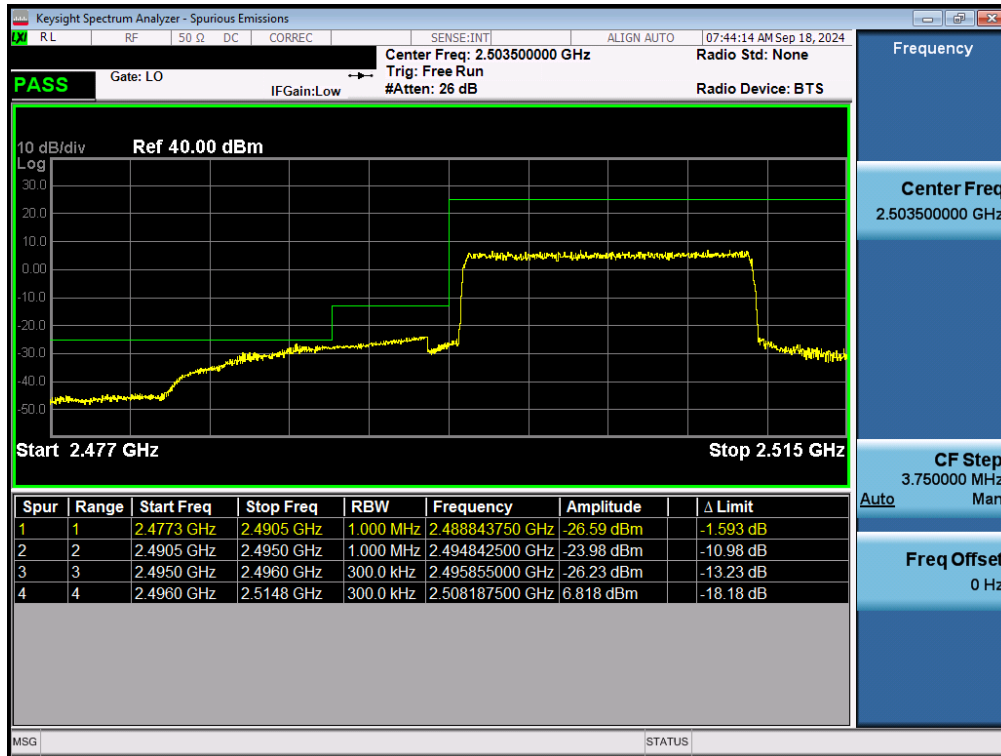
Plot 7-285. Lower ACP Plot (LTE Band 7 - 20MHz QPSK – Full RB - Ant F)



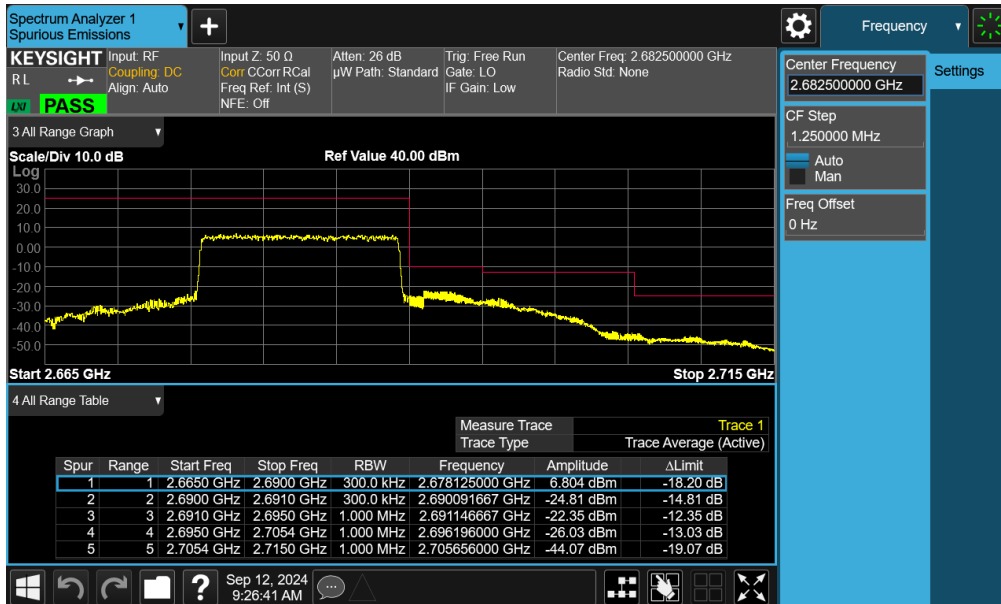
Plot 7-286. Upper ACP Plot (LTE Band 7 - 20MHz QPSK – Full RB - Ant F)

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 189 of 274

LTE Band 41(PC3)/38 – Ant F



Plot 7-287. Lower ACP Plot (LTE Band 41(PC3)/38 - 15MHz QPSK – Full RB - Ant F)



Plot 7-288. Upper ACP Plot (LTE Band 41(PC3)/38 - 15MHz QPSK – Full RB - Ant F)

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 190 of 274

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR-n30	10MHz	Low	Band Edge	-23.12	-13	-10.12
		Low	Extended	-26.92	-25	-1.92
		High	Band Edge	-25.57	-13	-12.57
		High	Extended	-27.85	-25	-2.85
	5MHz	Low	Band Edge	-24.50	-13	-11.50
		Low	Extended	-14.55	-13	-1.55
		High	Band Edge	-21.18	-13	-8.18
		High	Extended	-33.51	-25	-8.51
		Low	Band Edge	-16.54	-10	-6.54
NR-n7	50MHz	High	Band Edge	-16.86	-10	-6.86
		Low	Band Edge	-36.01	-25	-11.01
	40MHz	High	Band Edge	-44.47	-25	-19.47
		Low	Band Edge	-19.54	-10	-9.54
	35MHz	High	Band Edge	-21.31	-10	-11.31
		Low	Band Edge	-36.98	-25	-11.98
	30MHz	High	Band Edge	-44.53	-25	-19.53
		Low	Band Edge	-35.25	-25	-10.25
	25MHz	High	Band Edge	-44.42	-25	-19.42
		Low	Band Edge	-36.47	-25	-11.47
	20MHz	High	Band Edge	-44.62	-25	-19.62
		Low	Band Edge	-37.54	-25	-12.54
	15MHz	High	Band Edge	-44.48	-25	-19.48
		Low	Band Edge	-43.09	-25	-18.09
	10MHz	High	Band Edge	-43.07	-25	-18.07
		Low	Band Edge	-42.73	-25	-17.73
	5MHz	High	Band Edge	-42.61	-25	-17.61
		Low	Band Edge	-28.28	-25	-3.28
NR-n41PC2	100MHz	High	Band Edge	-24.01	-10	-14.01
		Low	Band Edge	-28.23	-25	-3.23
	90MHz	High	Band Edge	-24.36	-10	-14.36
		Low	Band Edge	-30.44	-25	-5.44
	80MHz	High	Band Edge	-24.31	-10	-14.31
		Low	Band Edge	-26.58	-25	-1.58
	70MHz	High	Band Edge	-25.32	-10	-15.32
		Low	Band Edge	-27.86	-25	-2.86
	60MHz	High	Band Edge	-20.83	-10	-10.83
		Low	Band Edge	-28.70	-25	-3.70
	50MHz	High	Band Edge	-23.11	-10	-13.11
		Low	Band Edge	-27.11	-25	-2.11
	45MHz	High	Band Edge	-23.45	-10	-13.45
		Low	Band Edge	-28.49	-25	-3.49
	40MHz	High	Band Edge	-23.51	-10	-13.51
		Low	Band Edge	-26.82	-25	-1.82
	35MHz	High	Band Edge	-22.67	-10	-12.67
		Low	Band Edge	-26.27	-25	-1.27
	30MHz	High	Band Edge	-22.03	-10	-12.03
		Low	Band Edge	-27.24	-25	-2.24
	25MHz	High	Band Edge	-37.44	-25	-12.44
		Low	Band Edge	-26.92	-25	-1.92
	20MHz	High	Band Edge	-21.96	-10	-11.96
		Low	Band Edge	-26.78	-25	-1.78
	15MHz	High	Band Edge	-23.35	-10	-13.35
		Low	Band Edge	-29.64	-25	-4.64
	10MHz	High	Band Edge	-21.47	-10	-11.47

Table 7-29. Conducted Band Edge Test Results – NR – Ant F

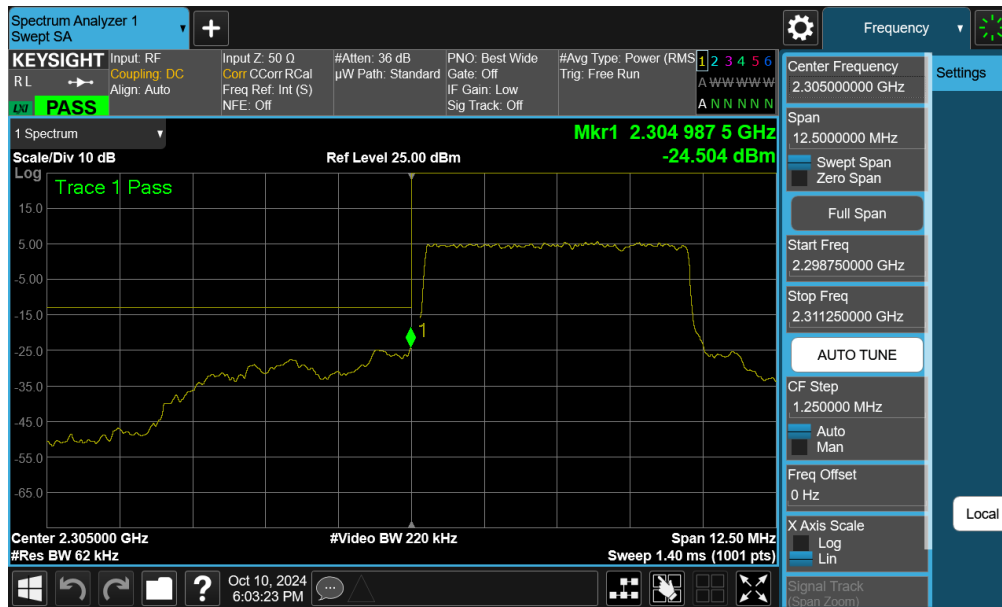
FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 191 of 274

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR-n41PC2	100MHz	Low	Band Edge	-37.21	-25	-12.21
		High	Band Edge	-28.77	-10	-18.77
	90MHz	Low	Band Edge	-36.13	-25	-11.13
		High	Band Edge	-29.33	-10	-19.33
	80MHz	Low	Band Edge	-36.15	-25	-11.15
		High	Band Edge	-31.64	-10	-21.64
	70MHz	Low	Band Edge	-33.23	-25	-8.23
		High	Band Edge	-48.47	-25	-23.47
	60MHz	Low	Band Edge	-33.74	-25	-8.74
		High	Band Edge	-22.89	-10	-12.89
	50MHz	Low	Band Edge	-35.52	-25	-10.52
		High	Band Edge	-45.43	-25	-20.43
	45MHz	Low	Band Edge	-37.76	-25	-12.76
		High	Band Edge	-43.55	-25	-18.55
	40MHz	Low	Band Edge	-37.95	-25	-12.95
		High	Band Edge	-44.61	-25	-19.61
	35MHz	Low	Band Edge	-36.25	-25	-11.25
		High	Band Edge	-42.22	-25	-17.22
	30MHz	Low	Band Edge	-36.30	-25	-11.30
		High	Band Edge	-43.60	-25	-18.60
	25MHz	Low	Band Edge	-36.22	-25	-11.22
		High	Band Edge	-42.55	-25	-17.55
	20MHz	Low	Band Edge	-35.92	-25	-10.92
		High	Band Edge	-40.96	-25	-15.96
	15MHz	Low	Band Edge	-38.15	-25	-13.15
		High	Band Edge	-41.38	-25	-16.38
	10MHz	Low	Band Edge	-37.34	-25	-12.34
		High	Band Edge	-30.46	-10	-20.46

Table 7-30. Conducted Band Edge Test Results – NR Band n41 – Ant B - Switching

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 192 of 274

NR Band n30 – Ant F

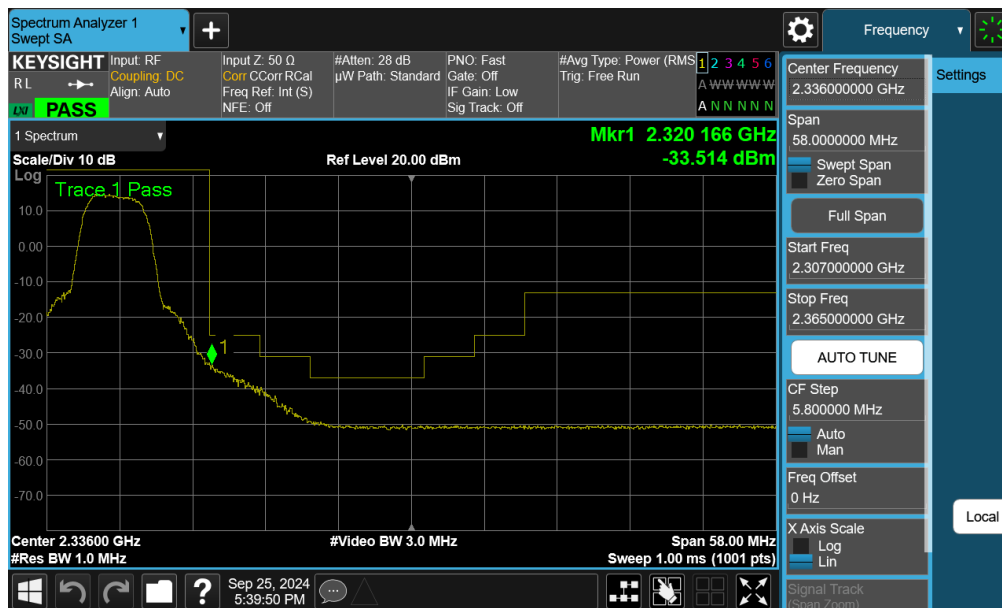


Plot 7-290. Extended Lower Band Edge Plot (NR Band n30 - 5MHz CP-OFDM-QPSK – Full RB - Ant F)

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2-A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 193 of 274



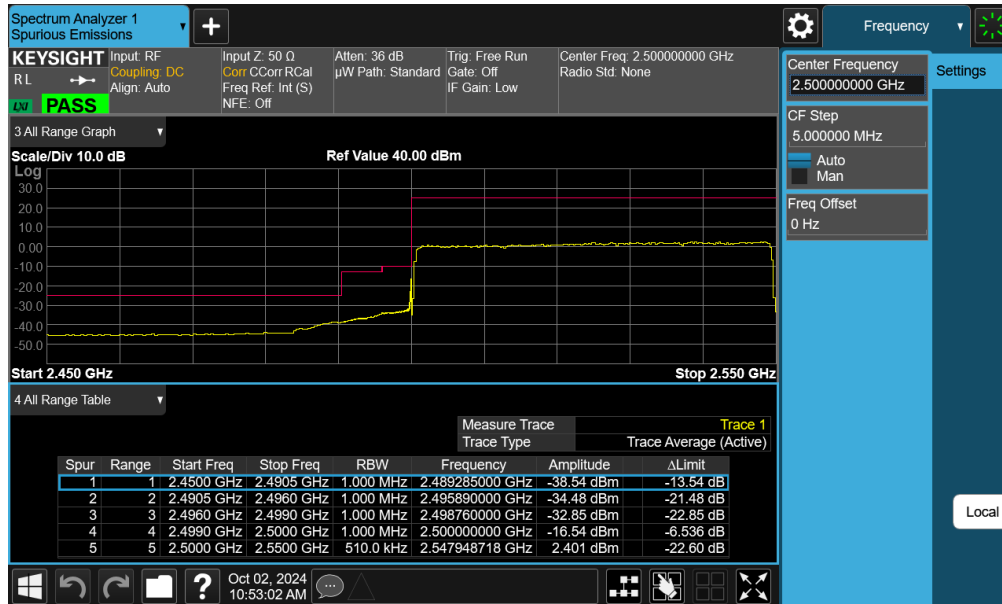
Plot 7-291. Upper Band Edge Plot (NR Band n30 - 5MHz DFT-s-OFDM-QPSK – Full RB - Ant F)



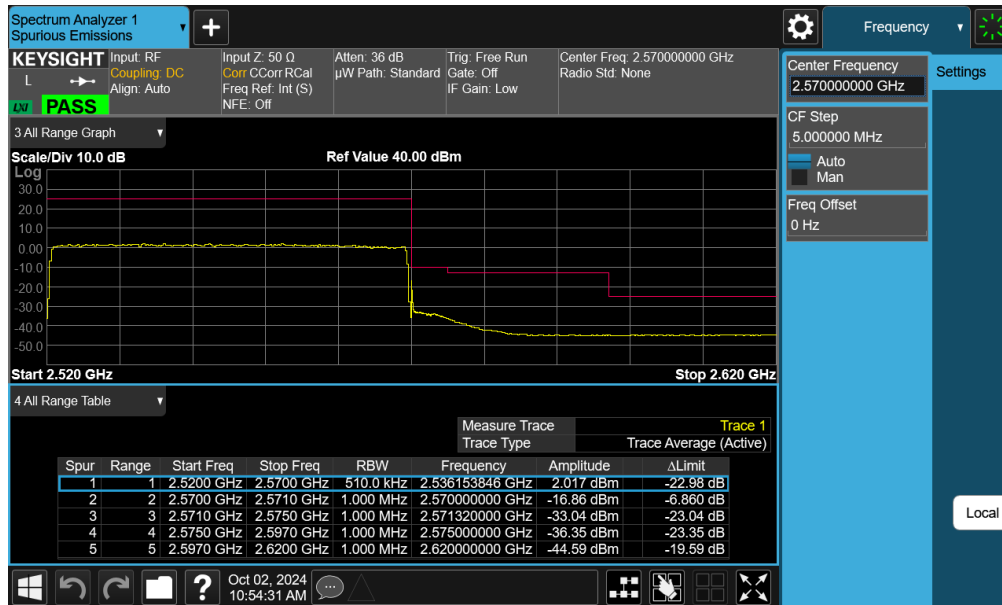
Plot 7-292. Extended Upper Band Edge Plot (NR Band n30 - 5MHz CP-OFDM-QPSK – Full RB - Ant F)

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 194 of 274

NR Band n7 – Ant F



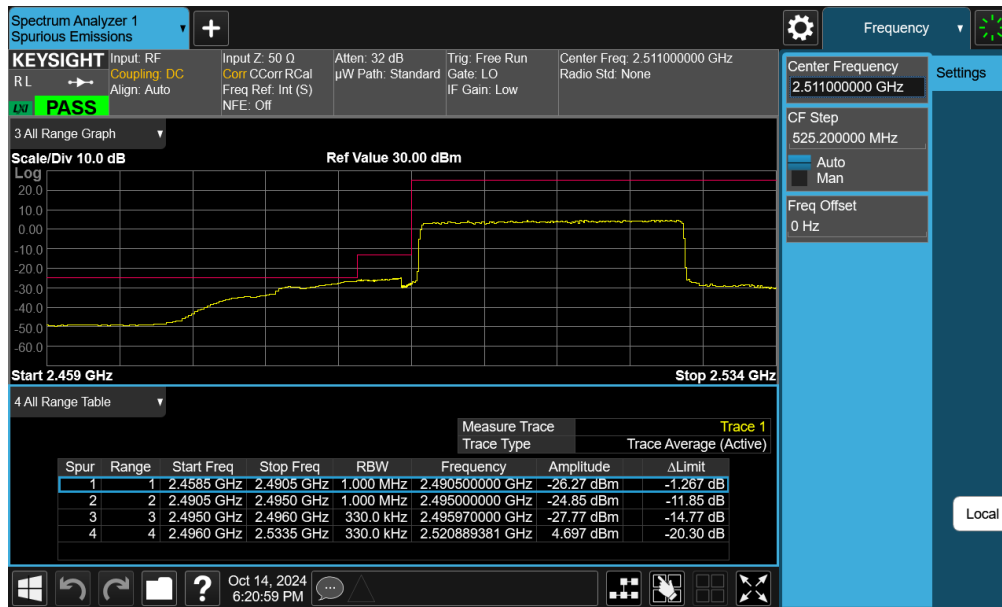
Plot 7-293. Lower Band Edge Plot (NR Band n7 - 50MHz DFT-s-OFDM-BPSK – Full RB - Ant F)



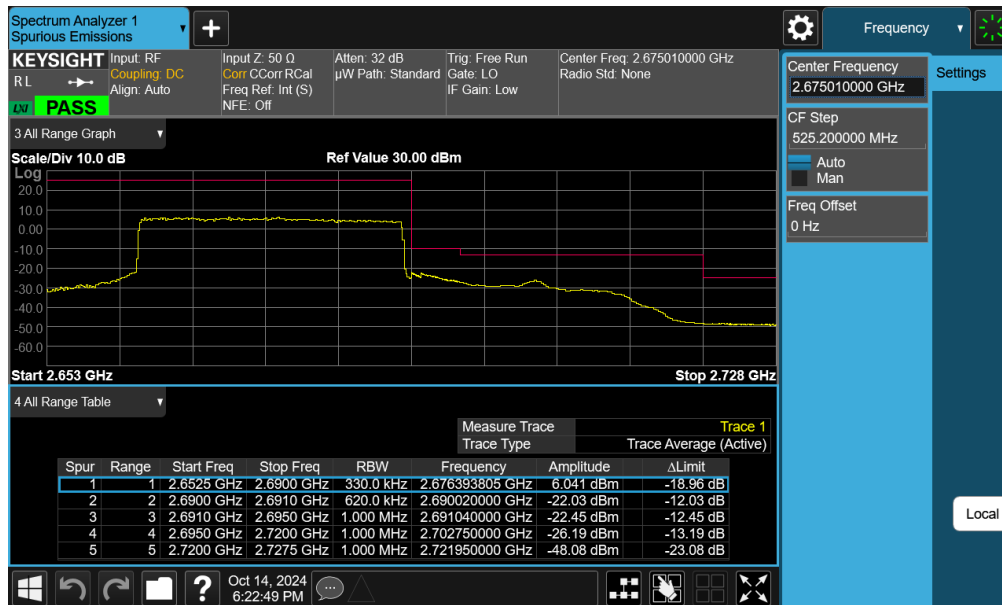
Plot 7-294. Upper Band Edge Plot (NR Band n7 - 50MHz DFT-s-OFDM-BPSK – Full RB - Ant F)

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 195 of 274

NR Band n41 – Ant F – Default



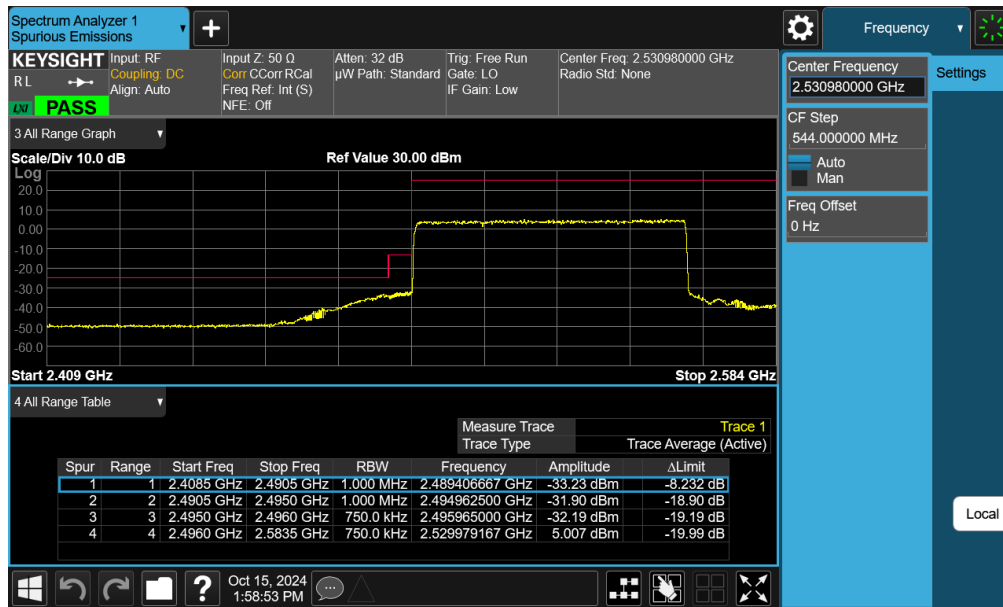
Plot 7-295. Lower Band Edge Plot (NR Band n41 - 30MHz DFT-s-OFDM-QPSK – Full RB - Ant F)



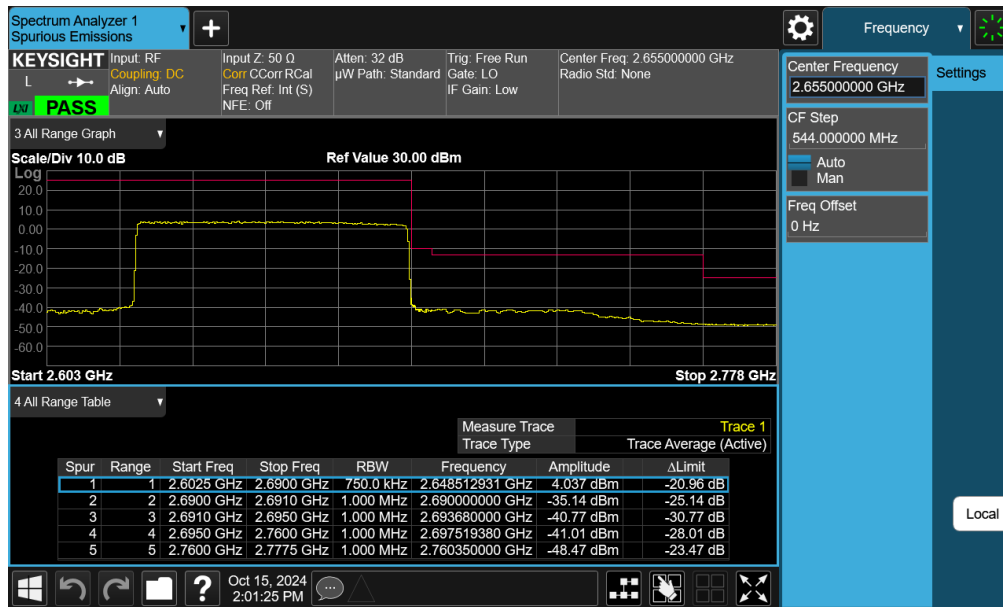
Plot 7-296. Upper Band Edge Plot (NR Band n41 - 30MHz DFT-s-OFDM-QPSK – Full RB - Ant F)

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 196 of 274

NR Band n41 – Ant B – Switching



Plot 7-297. Lower Band Edge Plot (NR Band n41 - 70MHz DFT-s-OFDM-BPSK – Full RB - Ant B)



Plot 7-298. Upper Band Edge Plot (NR Band n41 - 70MHz DFT-s-OFDM-BPSK – Full RB - Ant B)

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 197 of 274

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE-B30	10MHz	Low	Band Edge	-29.21	-13	-16.21
		Low	Extended	-36.15	-31	-5.15
		High	Band Edge	-31.99	-13	-18.99
		High	Extended	-42.22	-37	-5.22
	5MHz	Low	Band Edge	-27.12	-13	-14.12
		Low	Extended	-14.01	-13	-1.01
		High	Band Edge	-27.37	-13	-14.37
		High	Extended	-42.51	-37	-5.51

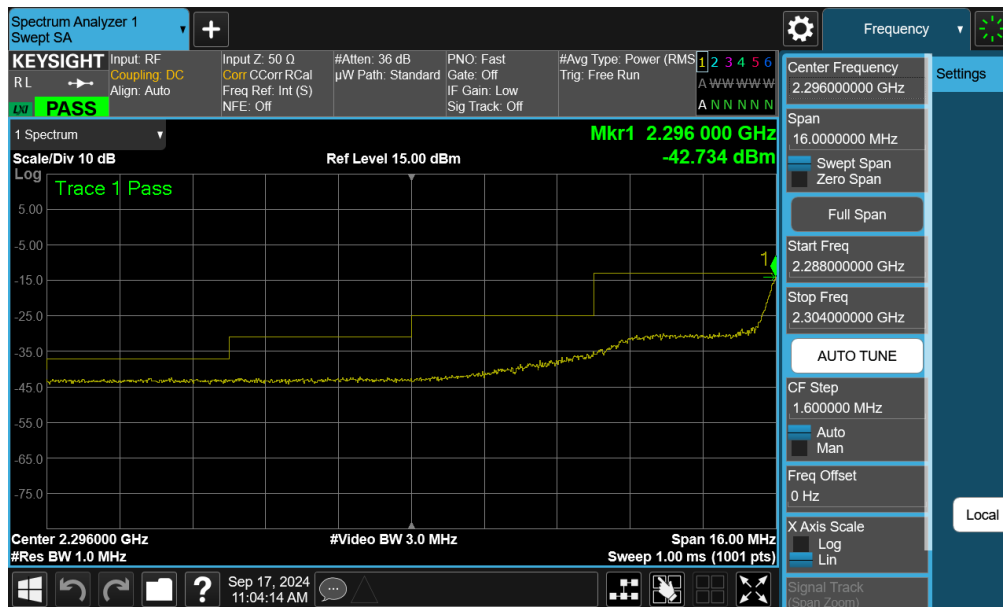
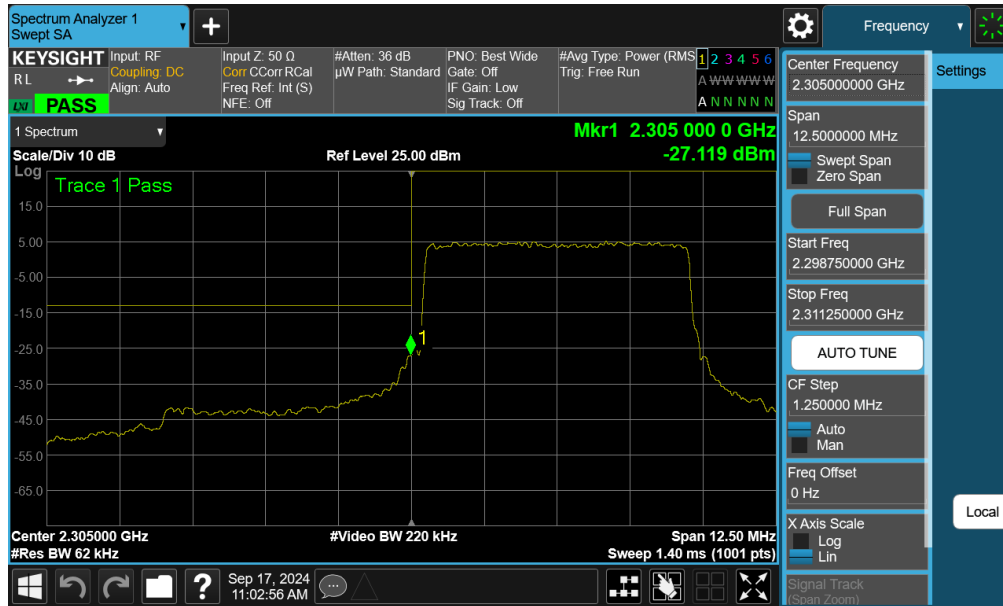
Table 7-31. Conducted Band Edge Test Results – LTE – Ant A

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE-B7	20MHz	Low	Band Edge	-35.40	-25	-10.40
		High	Band Edge	-43.54	-25	-18.54
	15MHz	Low	Band Edge	-35.64	-25	-10.64
		High	Band Edge	-41.09	-25	-16.09
	10MHz	Low	Band Edge	-41.55	-25	-16.55
		High	Band Edge	-41.46	-25	-16.46
	5MHz	Low	Band Edge	-41.77	-25	-16.77
		High	Band Edge	-42.29	-25	-17.29
LTE-B41PC3-38	20MHz	Low	Band Edge	-31.06	-25	-6.06
		High	Band Edge	-28.00	-10	-18.00
	15MHz	Low	Band Edge	-30.15	-25	-5.15
		High	Band Edge	-25.37	-10	-15.37
	10MHz	Low	Band Edge	-30.98	-25	-5.98
		High	Band Edge	-26.94	-10	-16.94
	5MHz	Low	Band Edge	-26.66	-13	-13.66
		High	Band Edge	-26.50	-10	-16.50

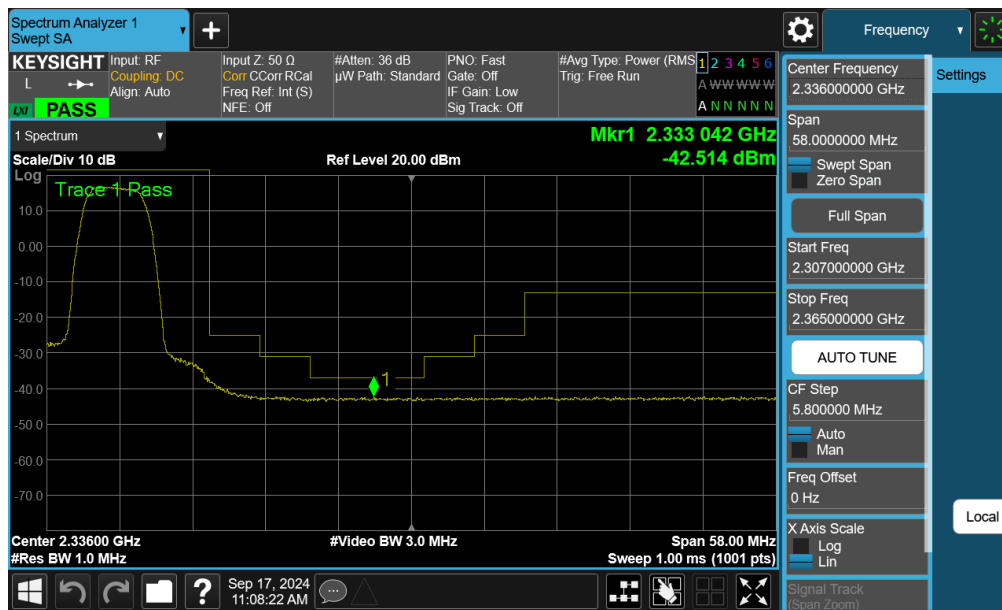
Table 7-32. Conducted Band Edge Test Results – LTE – Ant B

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 198 of 274

LTE Band 30 – Ant A

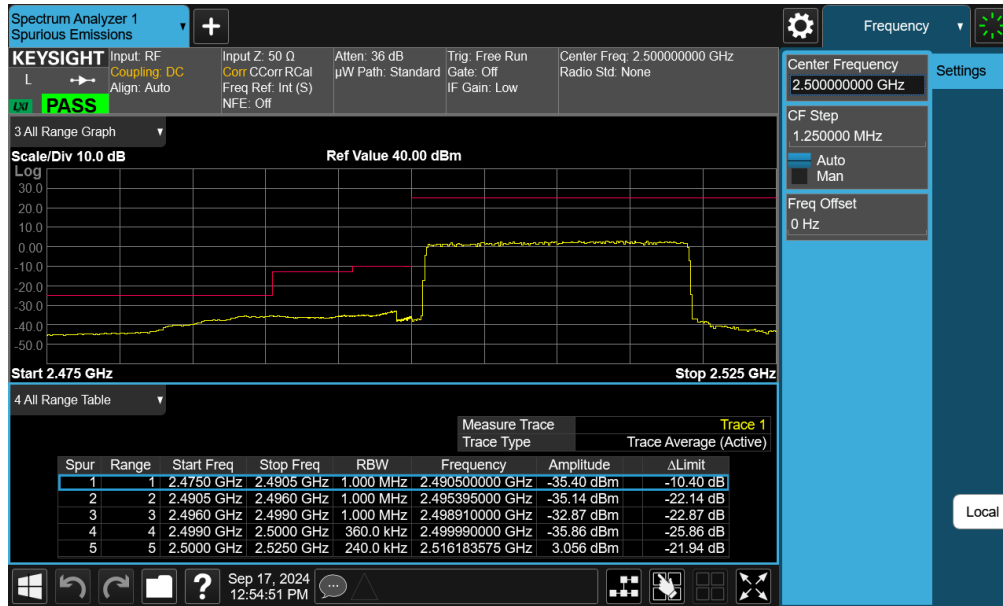


FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 199 of 274

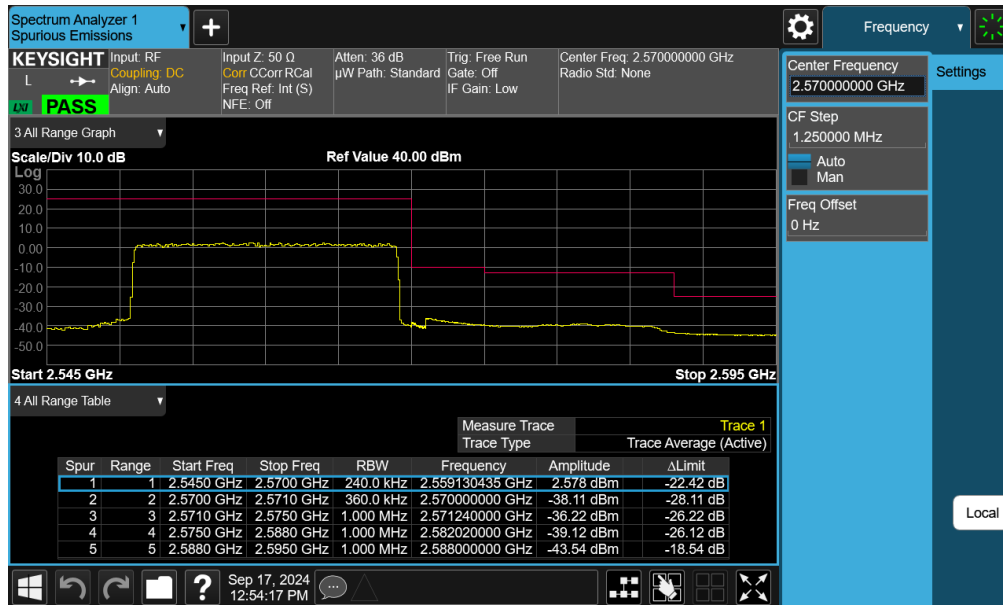


FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 200 of 274

LTE Band 7 – Ant B



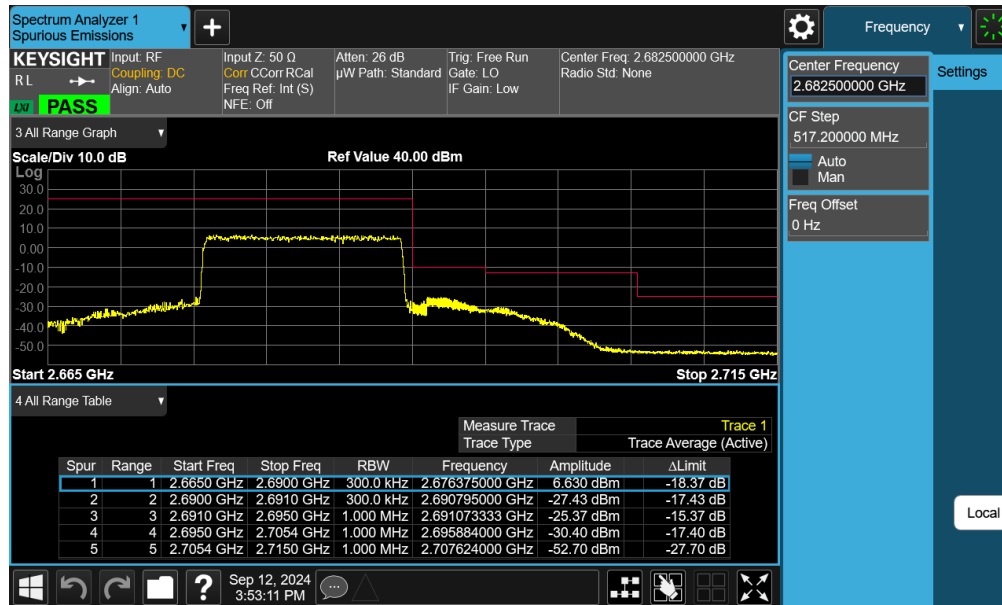
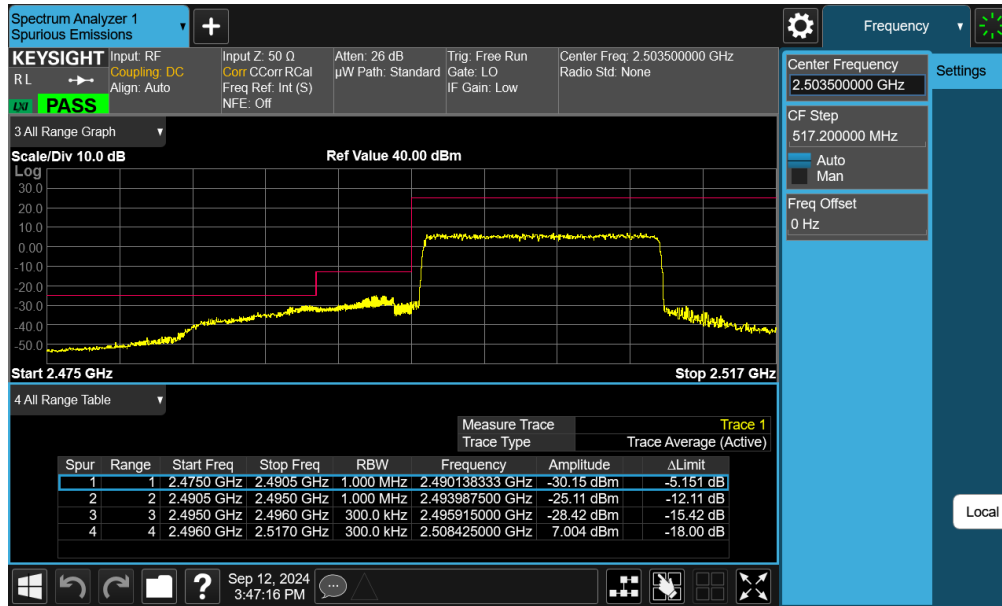
Plot 7-303. Lower ACP Plot (LTE Band 7 - 20MHz QPSK – Full RB - Ant B)



Plot 7-304. Upper ACP Plot (LTE Band 7 - 20MHz QPSK – Full RB - Ant B)

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 201 of 274

LTE Band 41(PC3)/38 – Ant B



FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 202 of 274

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR-n30	10MHz	Low	Band Edge	-24.06	-13	-11.06
		Low	Extended	-26.13	-25	-1.13
		High	Band Edge	-28.26	-13	-15.26
		High	Extended	-31.63	-25	-6.63
	5MHz	Low	Band Edge	-25.28	-13	-12.28
		Low	Extended	-14.43	-13	-1.431
		High	Band Edge	-24.48	-13	-11.47
		High	Extended	-50.21	-37	-13.21

Table 7-33. Conducted Band Edge Test Results – NR – Ant A

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR-n7	50MHz	Low	Band Edge	-16.09	-10	-6.09
		High	Band Edge	-16.57	-10	-6.57
	40MHz	Low	Band Edge	-37.84	-25	-12.84
		High	Band Edge	-44.35	-25	-19.35
	35MHz	Low	Band Edge	-34.61	-25	-9.61
		High	Band Edge	-21.23	-10	-11.23
	30MHz	Low	Band Edge	-37.78	-25	-12.78
		High	Band Edge	-44.40	-25	-19.40
	25MHz	Low	Band Edge	-35.09	-25	-10.09
		High	Band Edge	-41.16	-25	-16.16
	20MHz	Low	Band Edge	-37.44	-25	-12.44
		High	Band Edge	-43.98	-25	-18.98
	15MHz	Low	Band Edge	-38.48	-25	-13.48
		High	Band Edge	-42.90	-25	-17.90
	10MHz	Low	Band Edge	-43.23	-25	-18.23
		High	Band Edge	-42.59	-25	-17.59
	5MHz	Low	Band Edge	-43.44	-25	-18.44
		High	Band Edge	-43.42	-25	-18.42
NR-n41PC2	100MHz	Low	Band Edge	-26.45	-25	-1.45
		High	Band Edge	-26.15	-10	-16.15

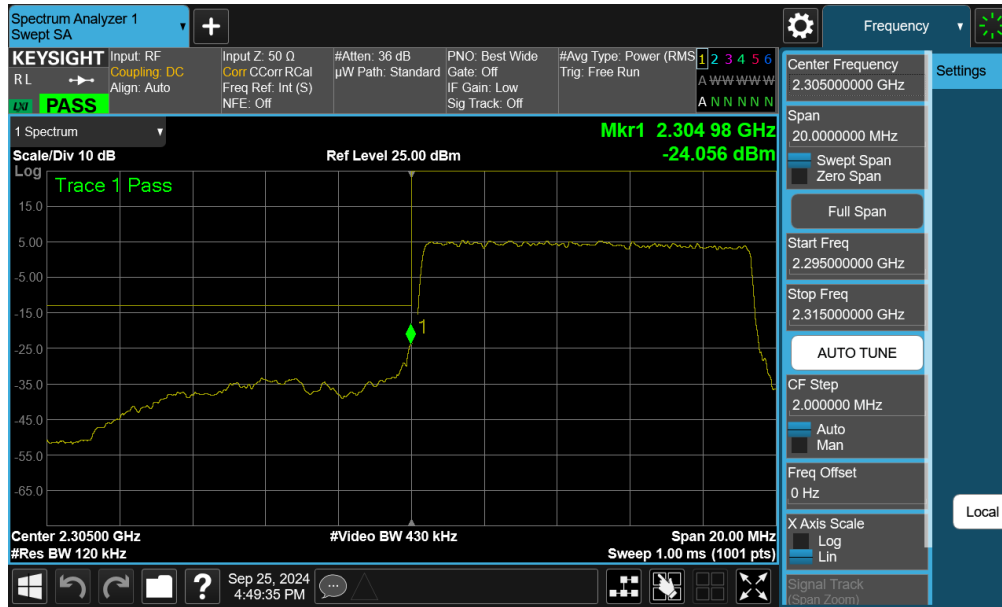
Table 7-34. Conducted Band Edge Test Results – NR – Ant B

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR-n41PC2	100MHz	Low	Band Edge	-29.75	-25	-4.75
		High	Band Edge	-27.60	-10	-17.60

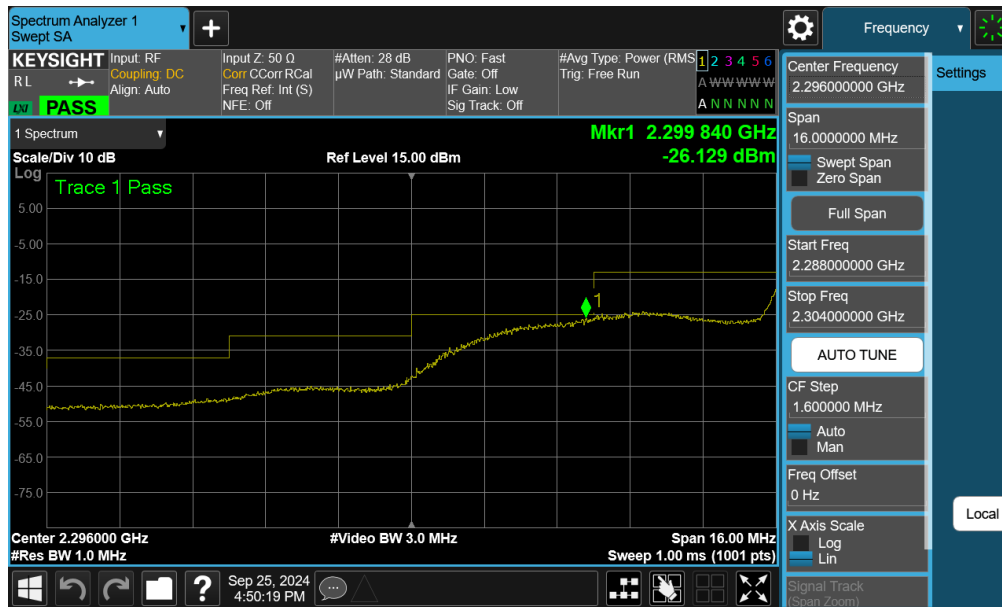
Table 7-35. Conducted Band Edge Test Results – NR Band n41 – Ant B - Switching

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 203 of 274

NR Band n30 – Ant A

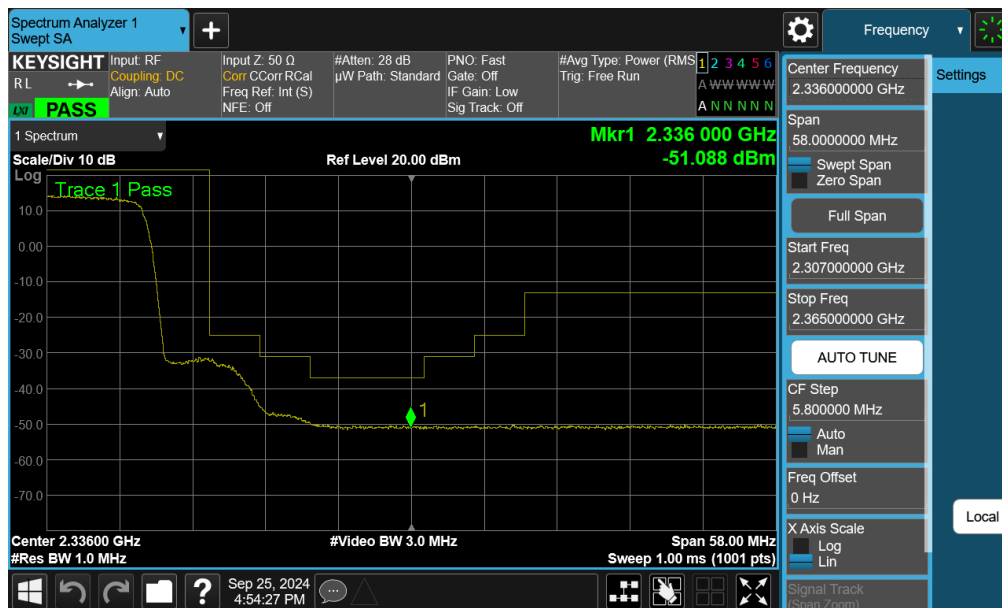
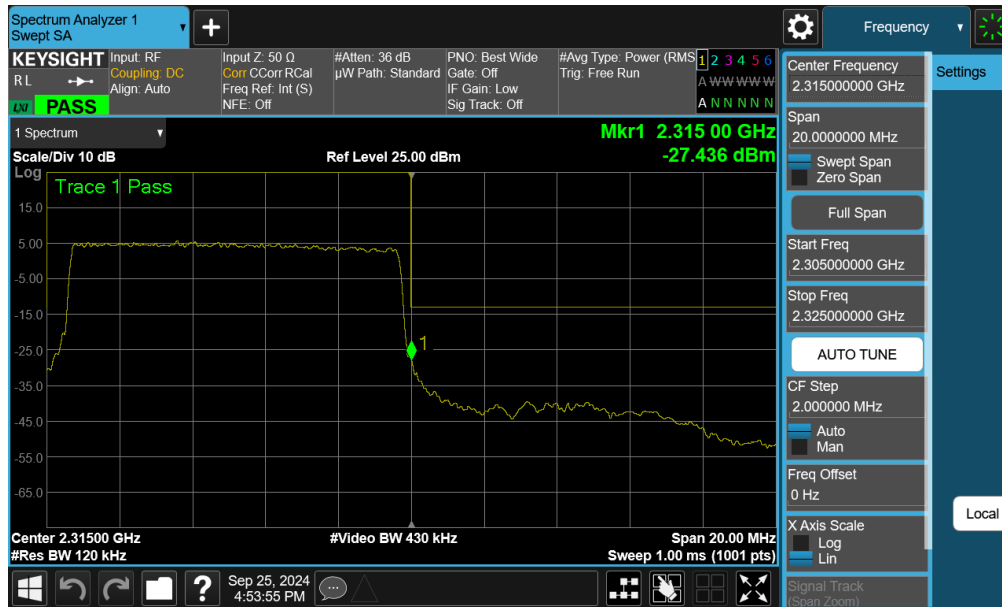


Plot 7-307. Lower Band Edge Plot (NR Band n30 - 10MHz DFT-s-OFDM-BPSK – Full RB - Ant A)



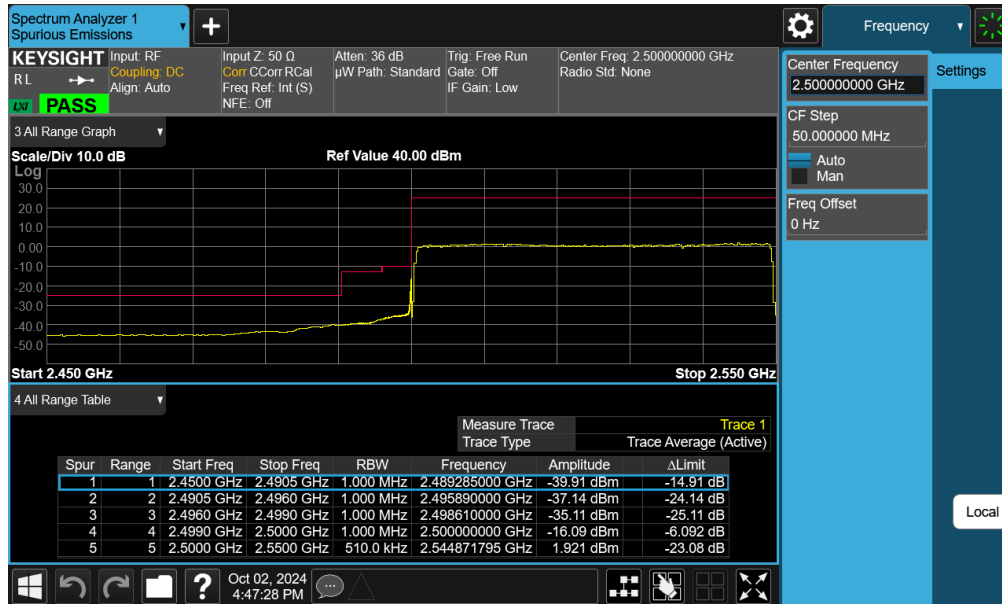
Plot 7-308. Extended Lower Band Edge Plot (NR Band n30 - 10MHz DFT-s-OFDM-BPSK – Full RB - Ant A)

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2-A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 204 of 274

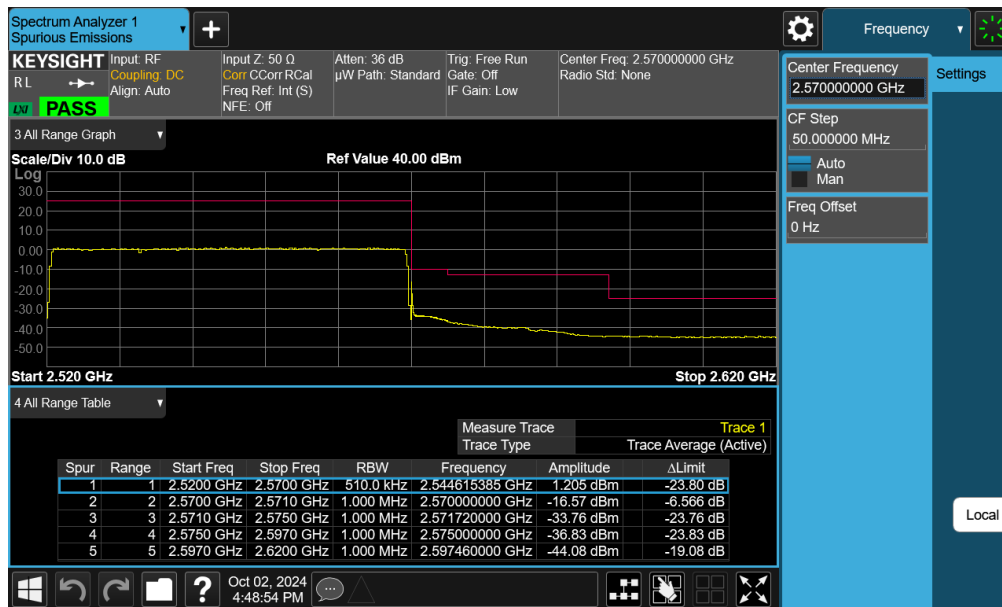


FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 205 of 274

NR Band n7 – Ant B



Plot 7-311. Lower Band Edge Plot (NR Band n7 - 50MHz DFT-s-OFDM-BPSK – Full RB - Ant B)



Plot 7-312. Upper Band Edge Plot (NR Band n7 - 50MHz DFT-s-OFDM-BPSK – Full RB - Ant B)

FCC ID: A3LSMS936U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2408260064-04-R2.A3L	Test Dates: 09/03/2024 - 10/22/2024	EUT Type: Portable Handset	Page 206 of 274