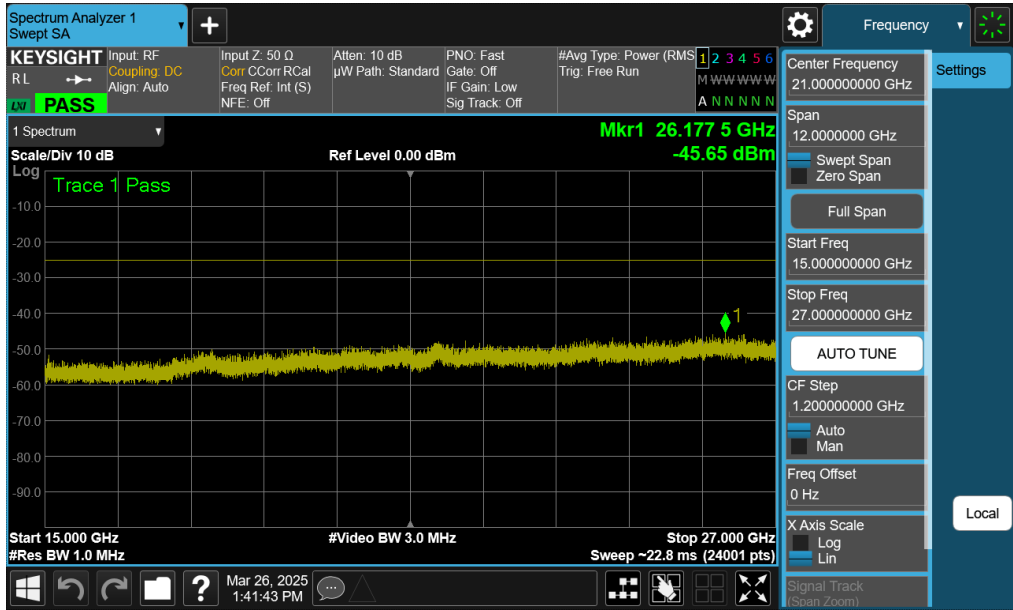




Plot 7-248. Conducted Spurious Plot (NR Band n41PC2 - 100MHz QPSK - RB Size 1, RB Offset 0 - High Channel Ant4)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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 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 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 x RBW
5. Detector = RMS
6. Number of sweep points $\geq$ 2 x 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.

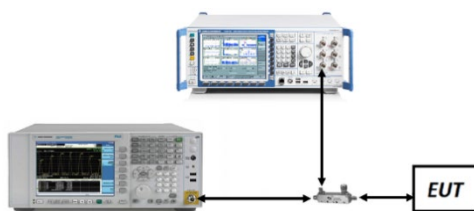


Figure 7-4. Test Instrument & Measurement Setup

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE-B41PC3	20MHz	Low	Band Edge	-39.36	-25	-14.36
		High	Band Edge	-37.05	-11	-26.52
	15MHz	Low	Band Edge	-37.53	-25	-12.53
		High	Band Edge	-50.14	-25	-25.14
	10MHz	Low	Band Edge	-38.49	-25	-13.49
		High	Band Edge	-49.77	-25	-24.77
	5MHz	Low	Band Edge	-39.98	-25	-14.98
		High	Band Edge	-41.00	-25	-16.00

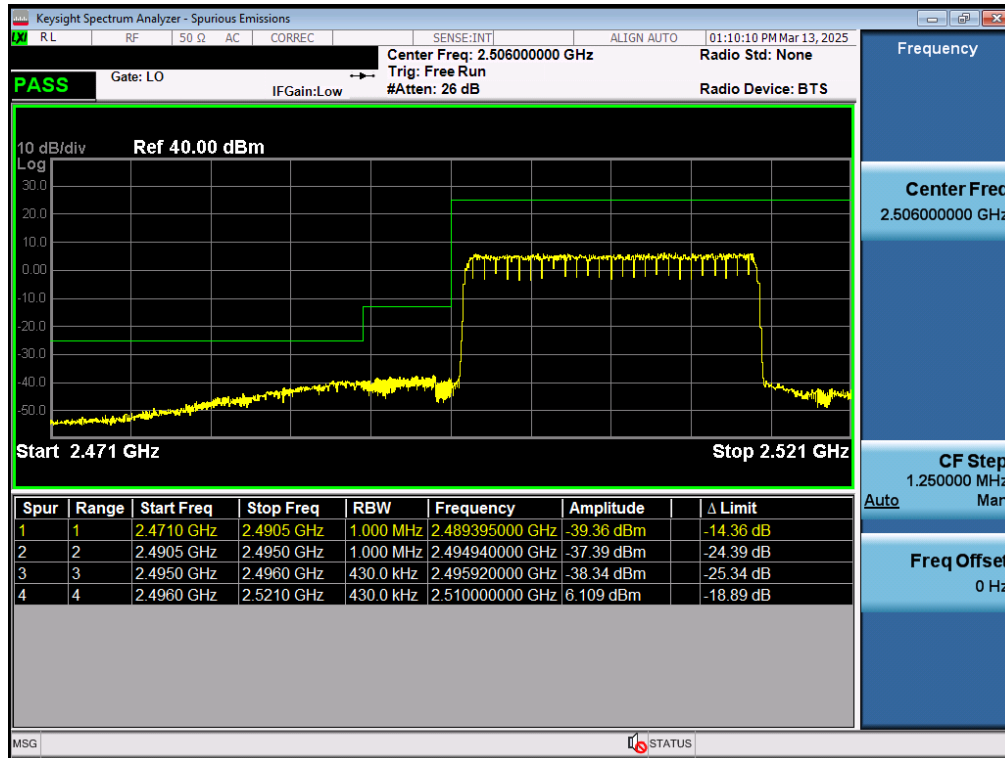
Table 7-38. Conducted Band Edge Test Results – LTE – Ant 1

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE-B41PC2	20MHz	Low	Band Edge	-32.69	-25	-7.69
		High	Band Edge	-29.29	-10	-19.29
	15MHz	Low	Band Edge	-33.83	-25	-8.83
		High	Band Edge	-41.33	-25	-16.33
	10MHz	Low	Band Edge	-36.78	-25	-11.78
		High	Band Edge	-27.15	-10	-17.15
	5MHz	Low	Band Edge	-35.64	-25	-10.64
		High	Band Edge	-24.51	-10	-14.51

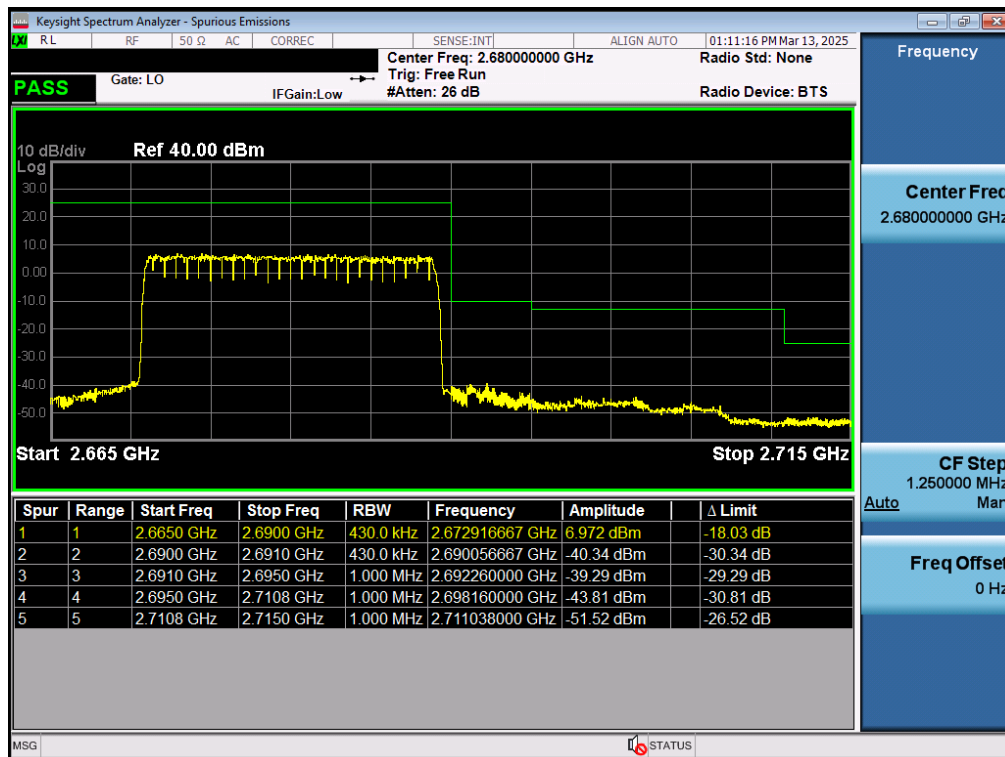
Table 7-39. Conducted Band Edge Test Results – LTE – Ant 1

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 41(PC3) – Ant1

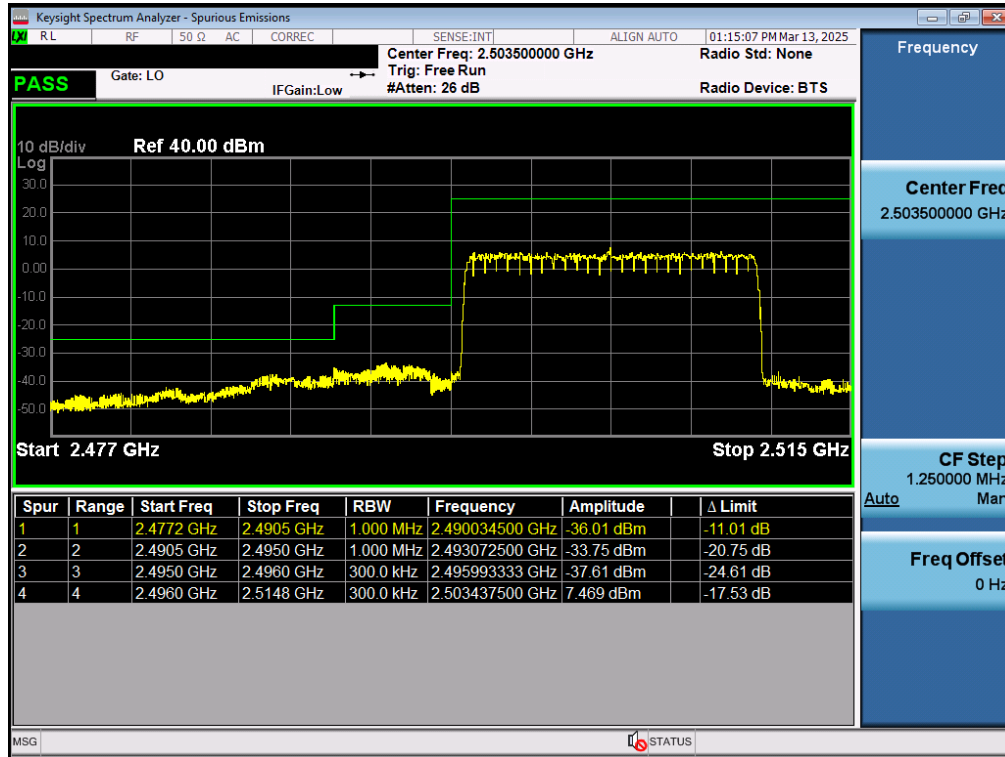


Plot 7-249. Lower ACP Plot (LTE Band 41(PC3) - 20MHz QPSK – Full RB - Ant1)

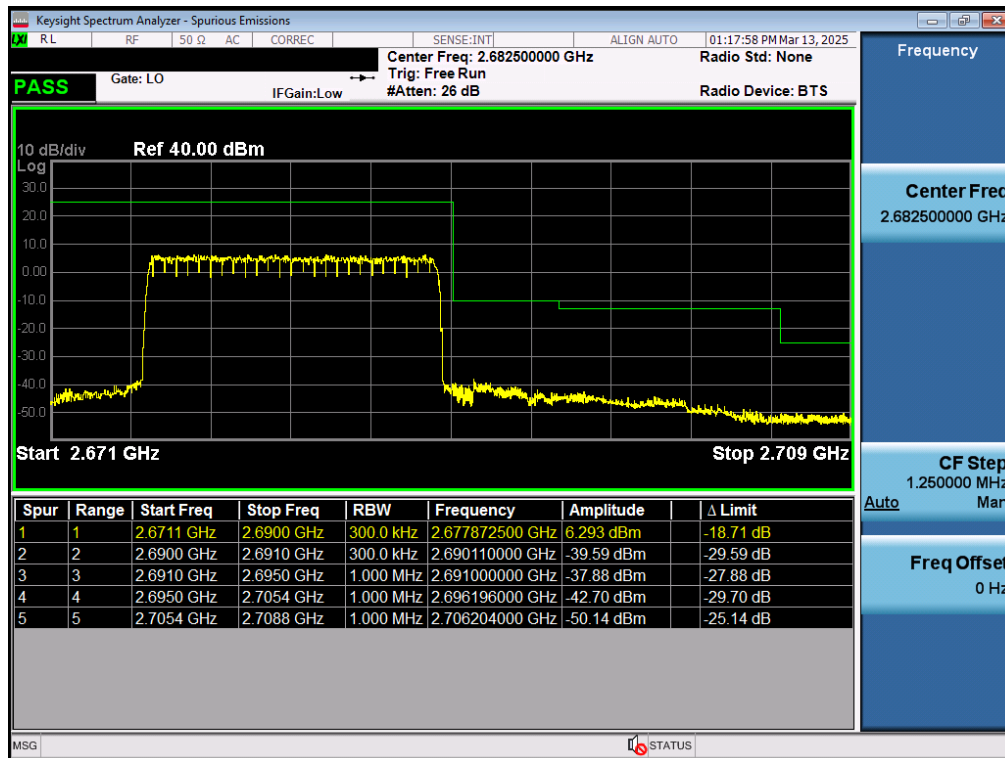


Plot 7-250. Upper ACP Plot (LTE Band 41(PC3) - 20MHz QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 179 of 276

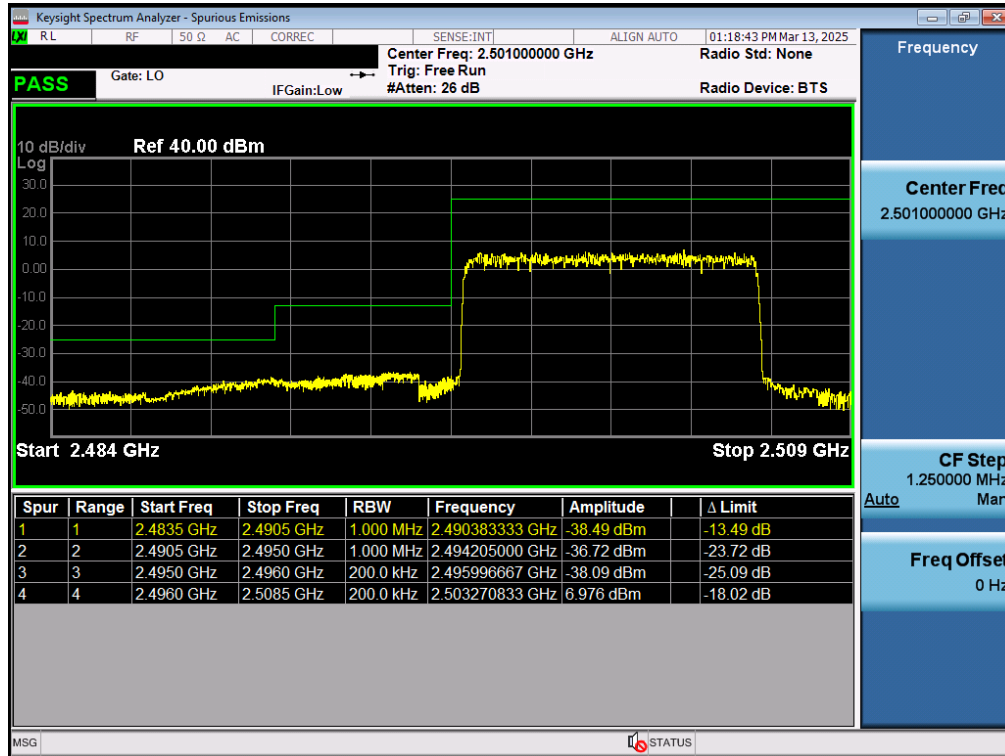


Plot 7-251. Lower ACP Plot (LTE Band 41(PC3) - 15MHz QPSK – Full RB - Ant1)

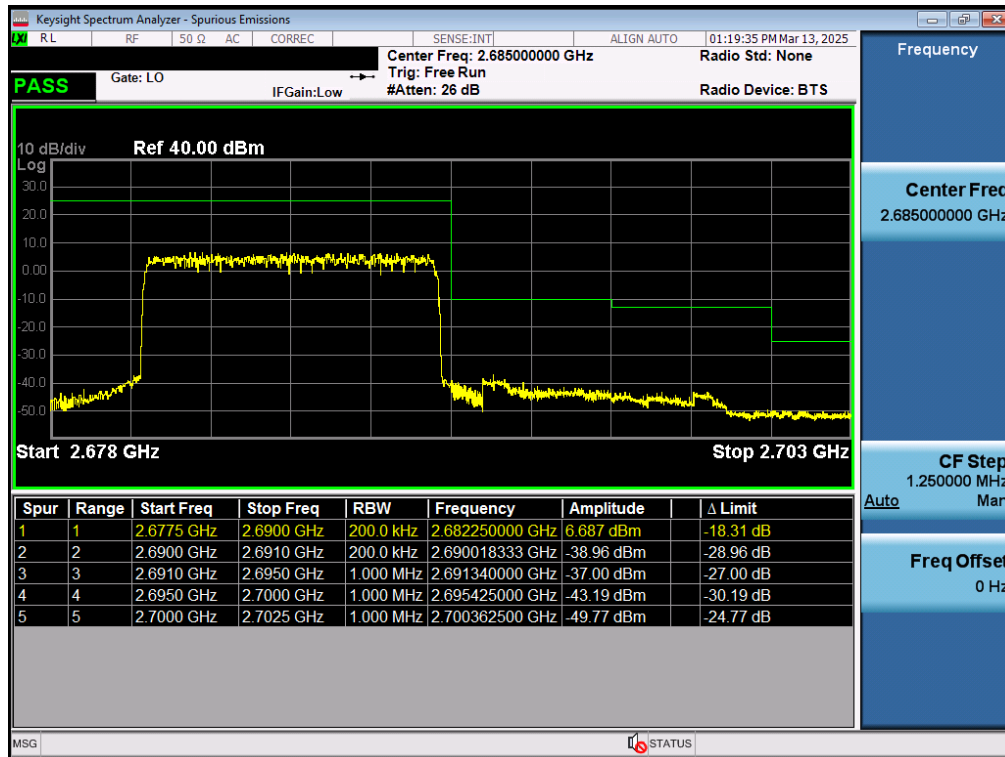


Plot 7-252. Upper ACP Plot (LTE Band 41(PC3) - 15MHz QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 180 of 276

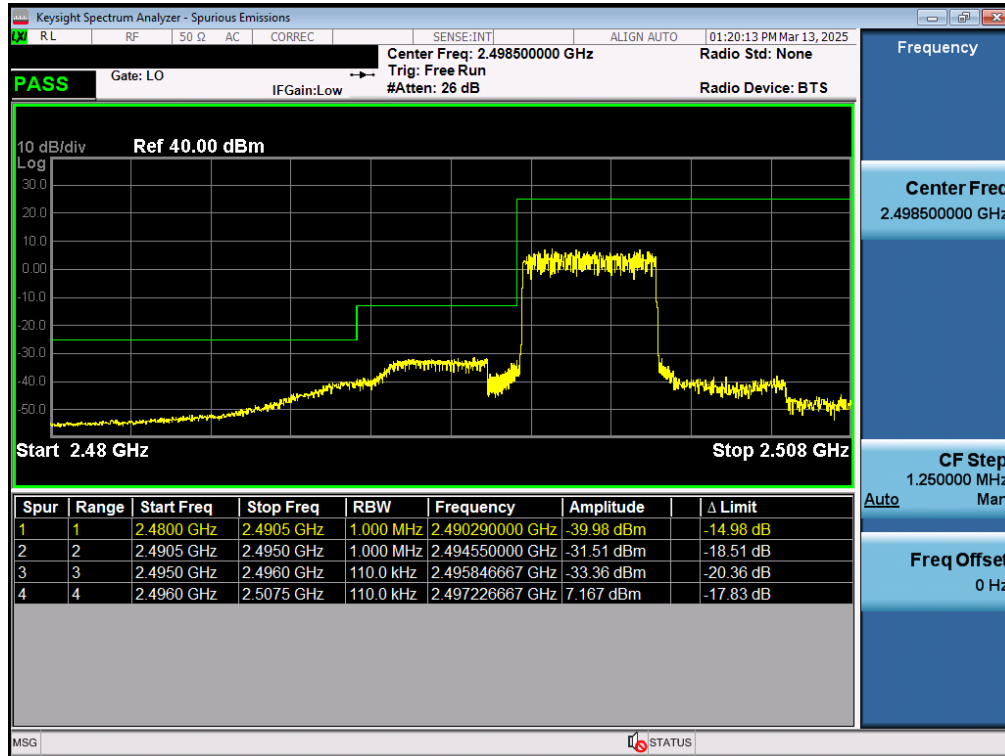


Plot 7-253. Lower ACP Plot (LTE Band 41(PC3) - 10MHz QPSK – Full RB - Ant1)



Plot 7-254. Upper ACP Plot (LTE Band 41(PC3) - 10MHz QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 181 of 276



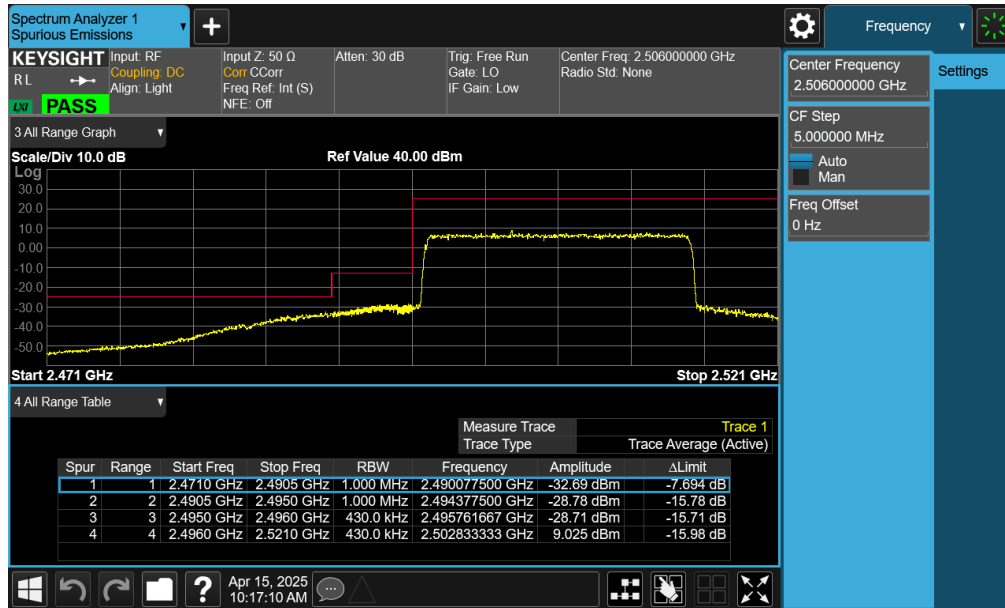
Plot 7-255. Lower ACP Plot (LTE Band 41(PC3) - 5MHz QPSK – Full RB - Ant1)



Plot 7-256. Upper ACP Plot (LTE Band 41(PC3) - 5MHz QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 182 of 276

LTE Band 41(PC2) – Ant1

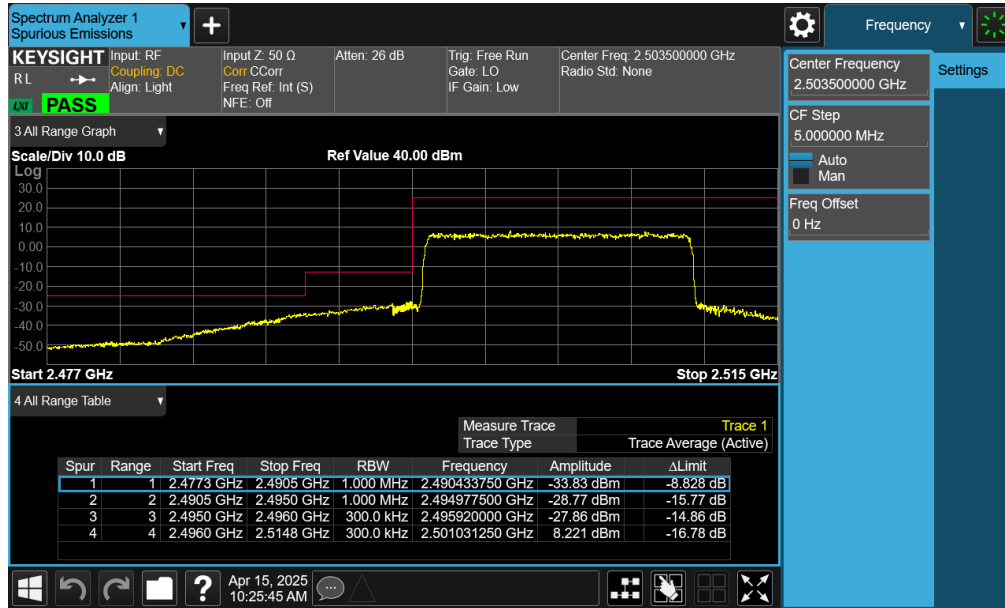


Plot 7-257. Lower ACP Plot (LTE Band 41(PC2) - 20MHz QPSK – Full RB - Ant1)

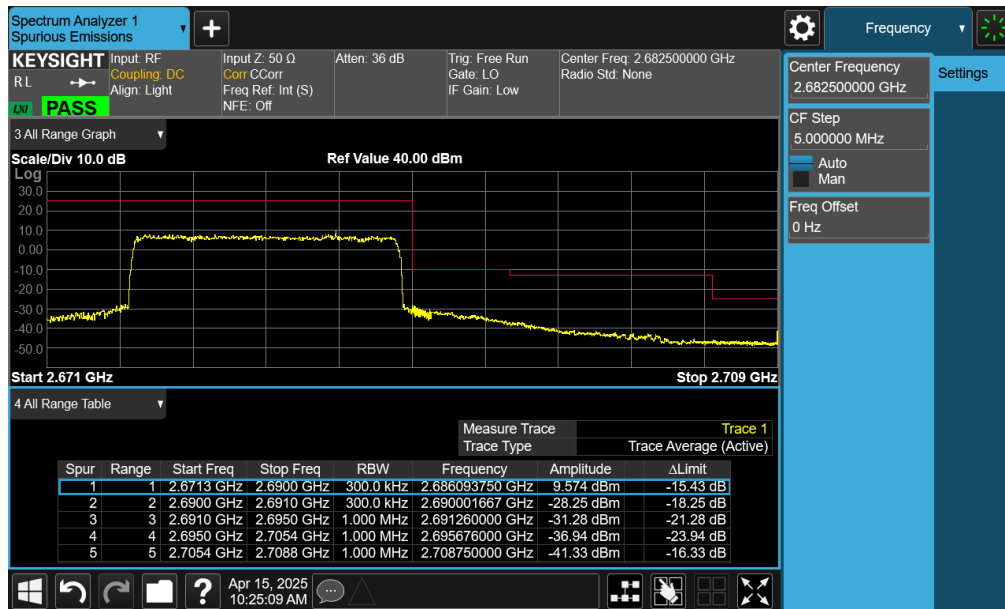


Plot 7-258. Upper ACP Plot (LTE Band 41(PC2) - 20MHz QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 183 of 276

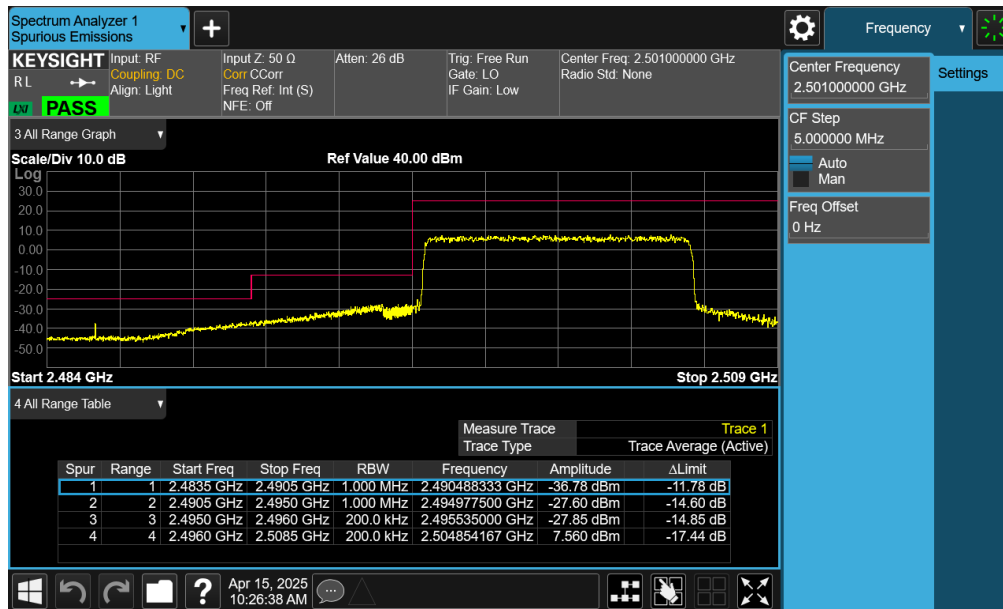


Plot 7-259. Lower ACP Plot (LTE Band 41(PC2) - 15MHz QPSK – Full RB - Ant1)

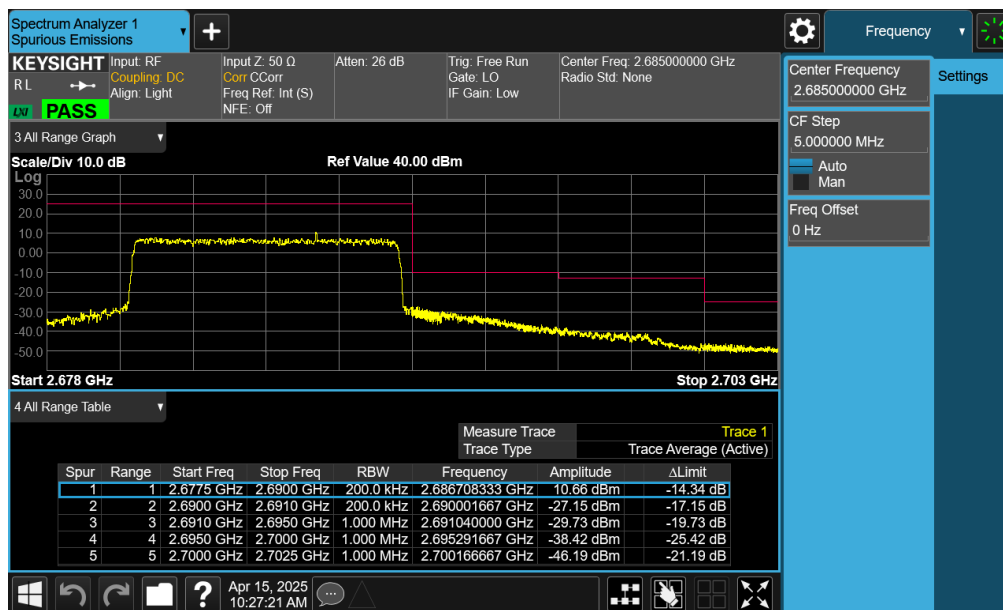


Plot 7-260. Upper ACP Plot (LTE Band 41(PC2) - 15MHz QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 184 of 276

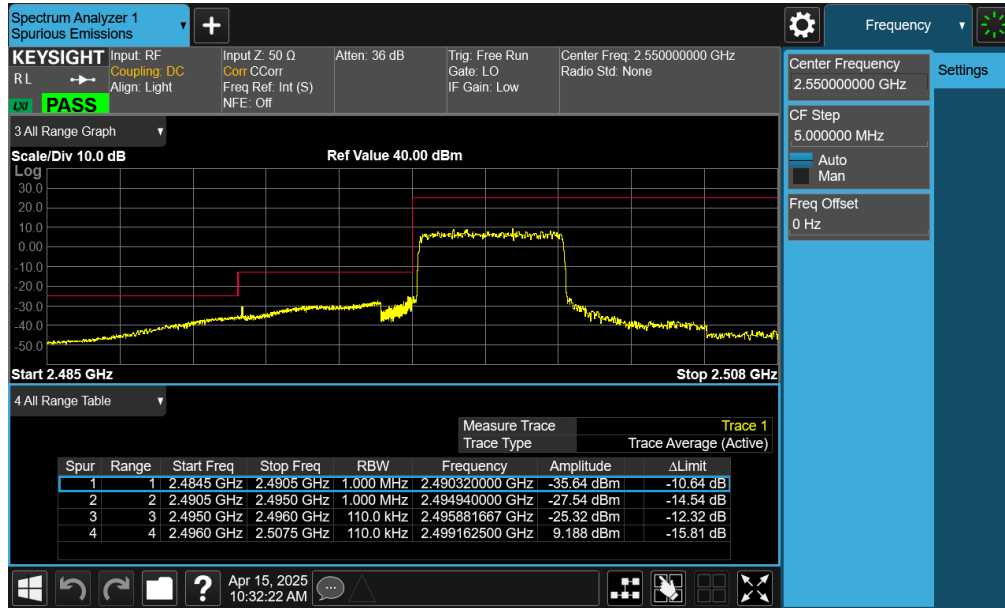


Plot 7-261. Lower ACP Plot (LTE Band 41(PC2) - 10MHz QPSK – Full RB - Ant1)

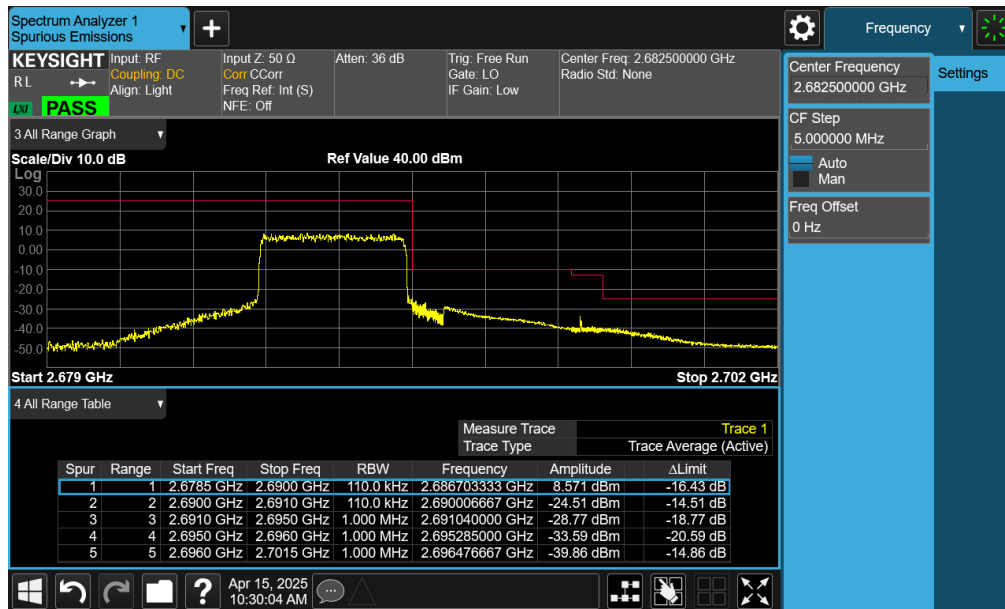


Plot 7-262. Upper ACP Plot (LTE Band 41(PC2) - 10MHz QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-263. Lower ACP Plot (LTE Band 41(PC2) - 5MHz QPSK – Full RB - Ant1)



Plot 7-264. Upper ACP Plot (LTE Band 41(PC2) - 5MHz QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 186 of 276

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR-n41PC2	100MHz	Low	Band Edge	-30.67	-25	-5.67
		High	Band Edge	-25.40	-10	-15.40
	90MHz	Low	Band Edge	-31.42	-25	-6.42
		High	Band Edge	-25.99	-10	-15.99
	80MHz	Low	Band Edge	-32.83	-25	-7.83
		High	Band Edge	-27.88	-10	-17.88
	70MHz	Low	Band Edge	-32.98	-25	-7.98
		High	Band Edge	-30.87	-13	-17.87
	60MHz	Low	Band Edge	-31.66	-25	-6.66
		High	Band Edge	-21.91	-10	-11.91
	50MHz	Low	Band Edge	-32.47	-25	-7.47
		High	Band Edge	-41.60	-25	-16.60
	45MHz	Low	Band Edge	-32.85	-25	-7.85
		High	Band Edge	-39.53	-25	-14.53
	40MHz	Low	Band Edge	-32.95	-25	-7.95
		High	Band Edge	-40.41	-25	-15.41
	35MHz	Low	Band Edge	-32.95	-25	-7.95
		High	Band Edge	-34.64	-25	-9.64
	20MHz	Low	Band Edge	-30.84	-25	-5.84
		High	Band Edge	-38.34	-25	-13.34
	15MHz	Low	Band Edge	-30.59	-25	-5.59
		High	Band Edge	-39.06	-25	-14.06
	10MHz	Low	Band Edge	-29.89	-25	-4.89
		High	Band Edge	-25.12	-10	-15.12

Table 7-40. Conducted Band Edge Test Results – n41 default – Ant 1

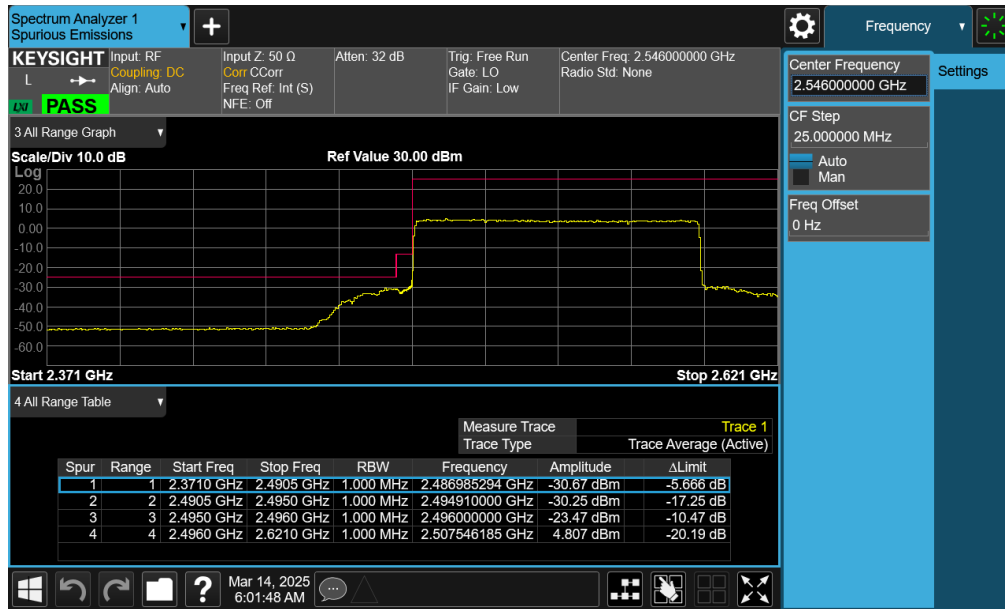
FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 187 of 276

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR-n41PC2	100MHz	Low	Band Edge	-37.38	-25	-12.38
		High	Band Edge	-27.60	-10	-17.60
	90MHz	Low	Band Edge	-35.26	-25	-10.26
		High	Band Edge	-27.73	-10	-17.73
	80MHz	Low	Band Edge	-31.12	-25	-6.12
		High	Band Edge	-29.93	-10	-19.93
	70MHz	Low	Band Edge	-39.37	-25	-14.37
		High	Band Edge	-33.56	-10	-23.56
	60MHz	Low	Band Edge	-31.76	-25	-6.76
		High	Band Edge	-22.82	-10	-12.82
	50MHz	Low	Band Edge	-36.72	-25	-11.72
		High	Band Edge	-45.40	-25	-20.40
	45MHz	Low	Band Edge	-33.08	-25	-8.08
		High	Band Edge	-43.50	-25	-18.50
	40MHz	Low	Band Edge	-34.91	-25	-9.91
		High	Band Edge	-43.49	-25	-18.49
	35MHz	Low	Band Edge	-37.56	-25	-12.56
		High	Band Edge	-42.47	-25	-17.47
	20MHz	Low	Band Edge	-36.54	-25	-11.54
		High	Band Edge	-41.02	-25	-16.02
	15MHz	Low	Band Edge	-35.67	-25	-10.67
		High	Band Edge	-38.44	-25	-13.44
	10MHz	Low	Band Edge	-36.75	-25	-11.75
		High	Band Edge	-28.33	-10	-18.33

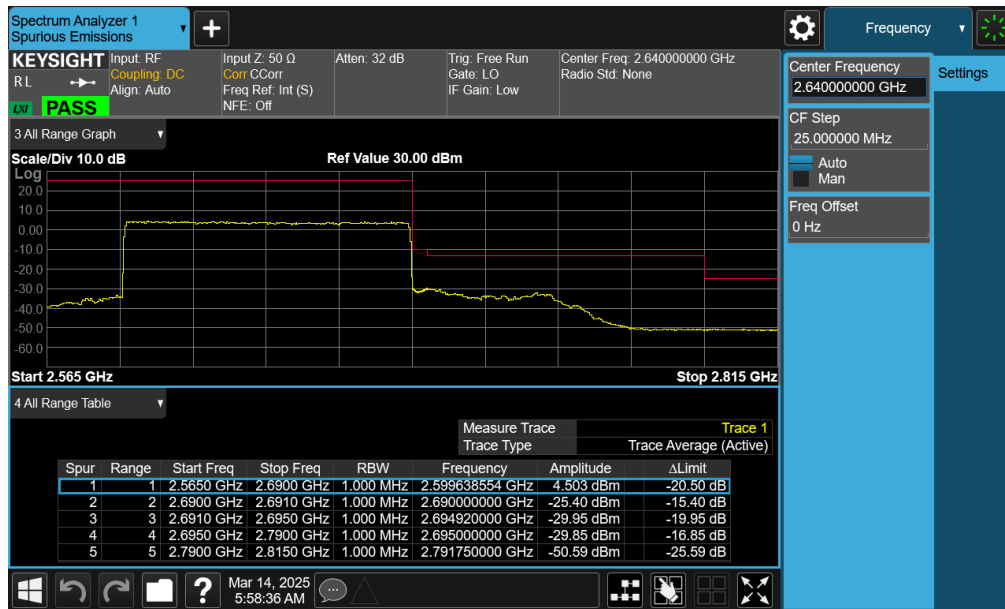
Table 7-41. Conducted Band Edge Test Results – n41 switch – Ant 1

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41 – Main – Ant1

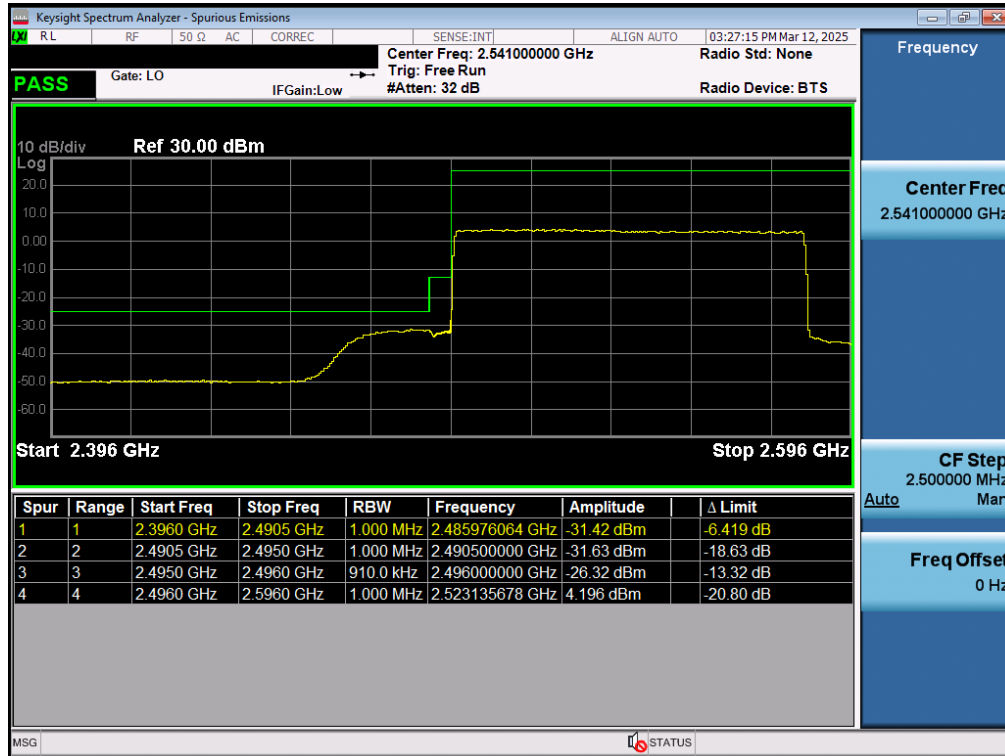


Plot 7-265. Lower ACP Plot (NR Band n41PC2 - 100MHz CP-OFDM-QPSK – Full RB - Ant1)

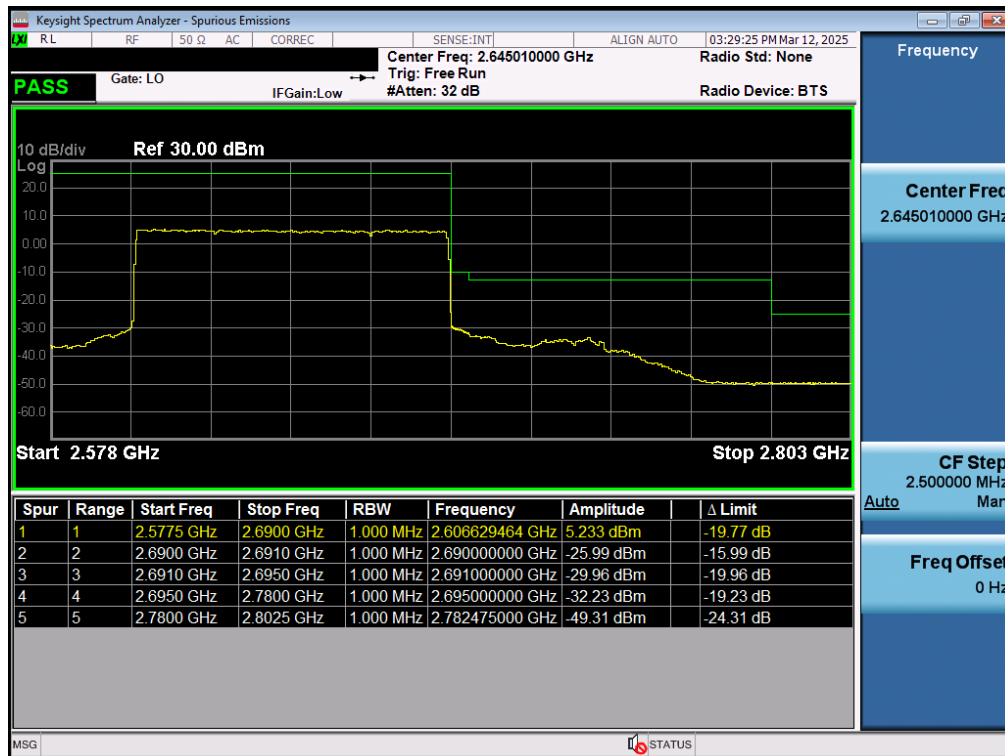


Plot 7-266. Upper ACP Plot (NR Band n41PC2 - 100MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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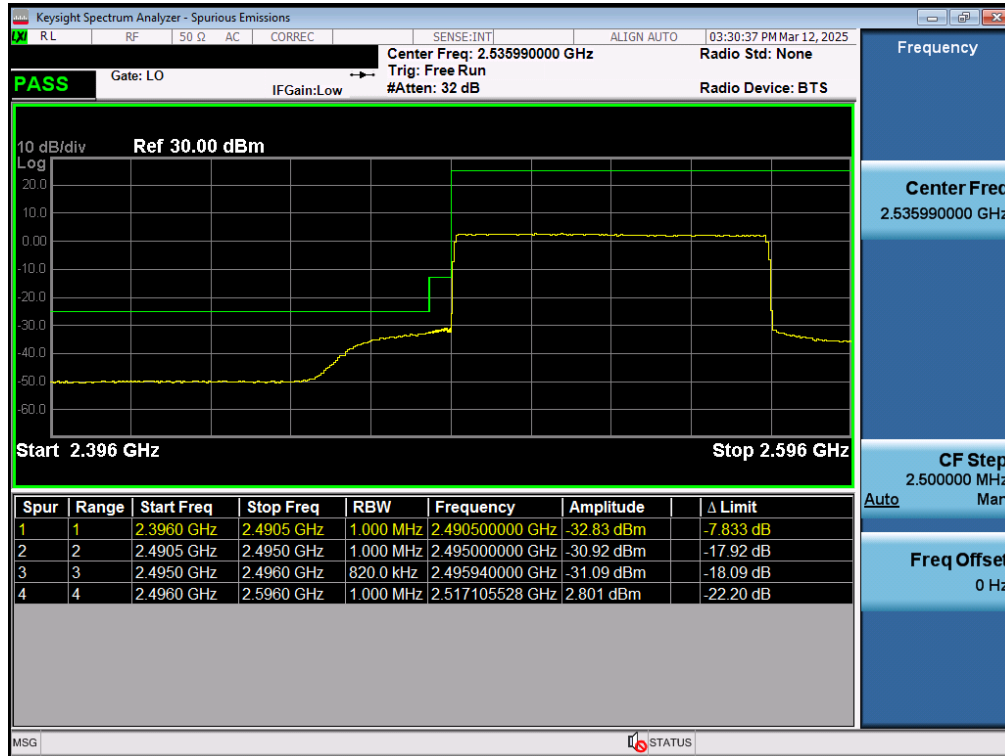


Plot 7-267. Lower ACP Plot (NR Band n41PC2 - 90MHz CP-OFDM-QPSK – Full RB - Ant1)

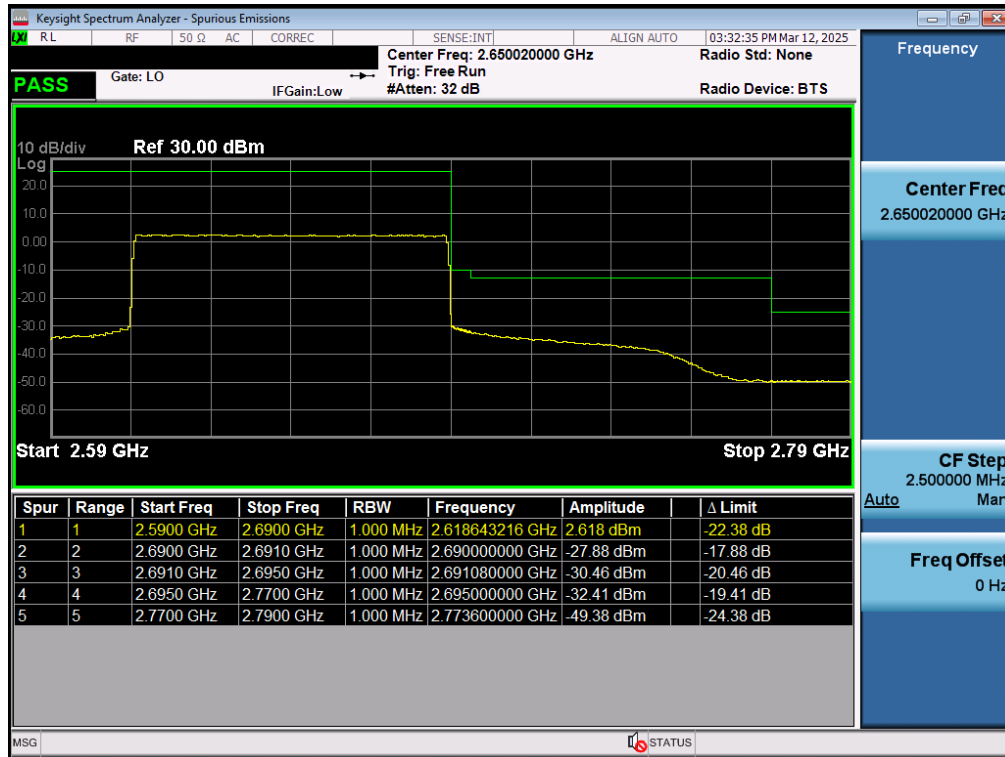


Plot 7-268. Upper ACP Plot (NR Band n41PC2 - 90MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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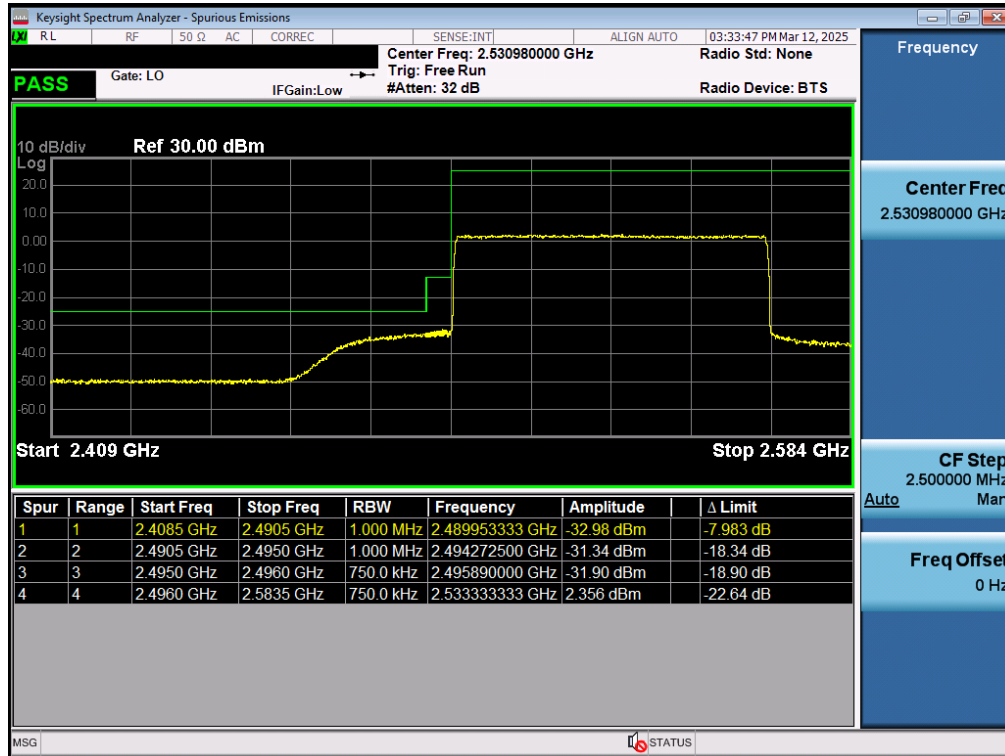


Plot 7-269. Lower ACP Plot (NR Band n41PC2 - 80MHz CP-OFDM-QPSK – Full RB - Ant1)

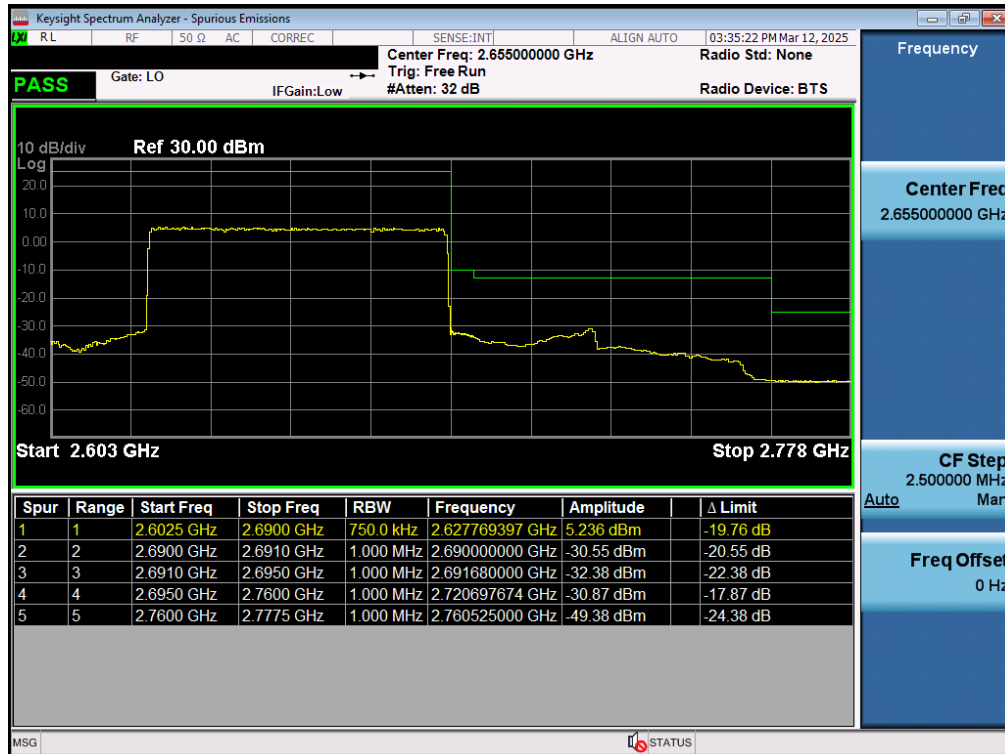


Plot 7-270. Upper ACP Plot (NR Band n41PC2 - 80MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 191 of 276

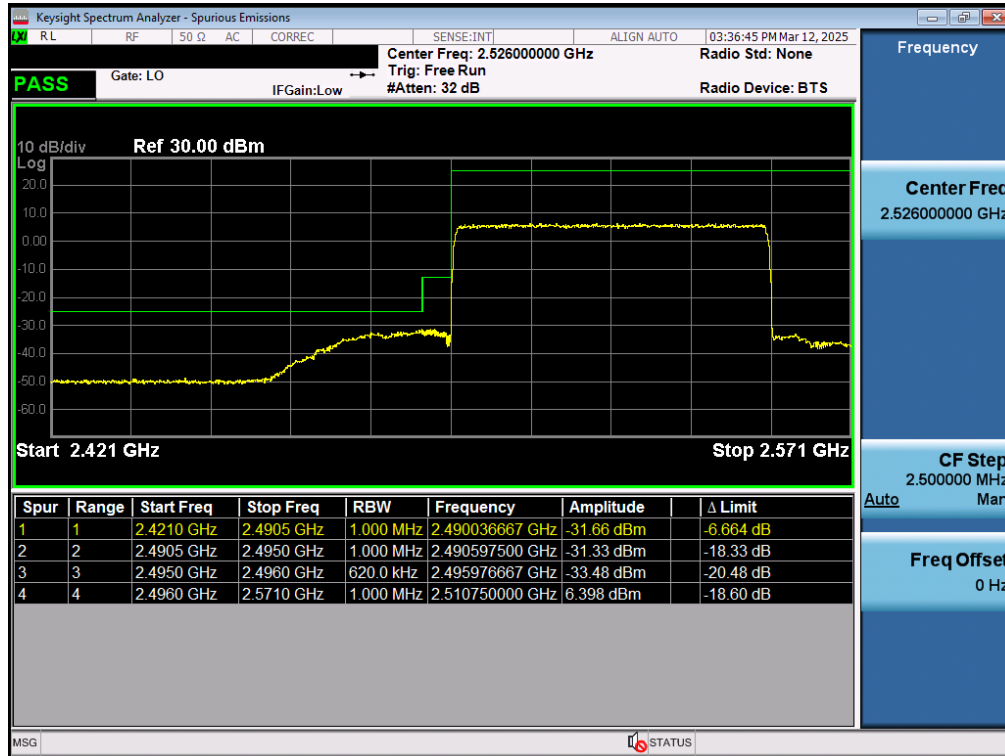


Plot 7-271. Lower ACP Plot (NR Band n41PC2 - 70MHz CP-OFDM-QPSK – Full RB - Ant1)

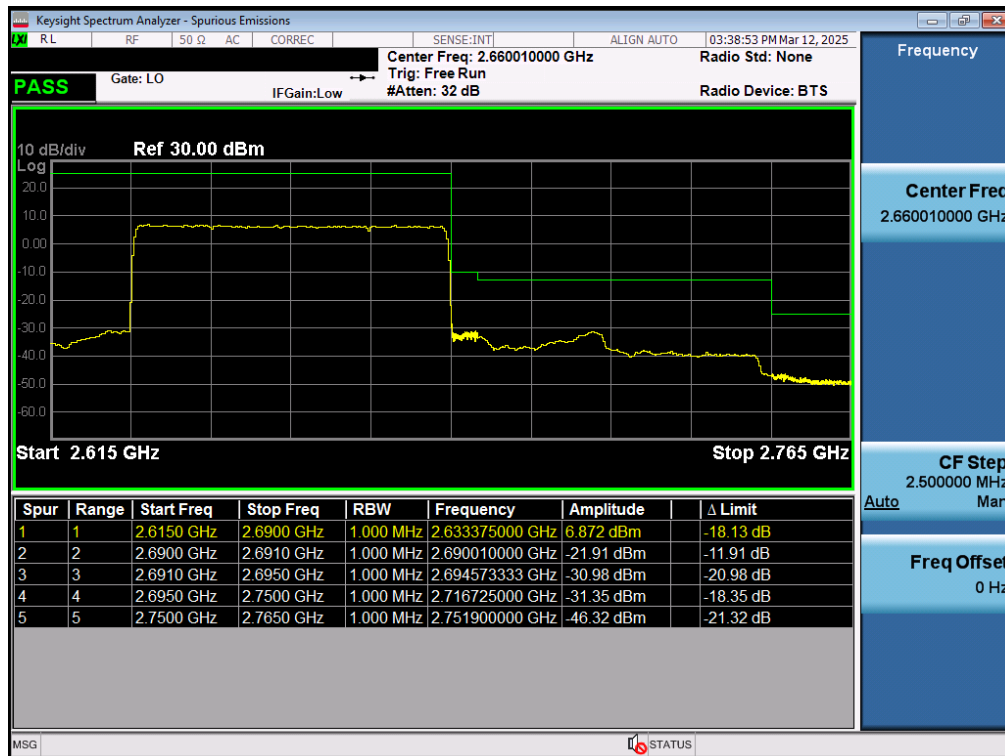


Plot 7-272. Upper ACP Plot (NR Band n41PC2 - 70MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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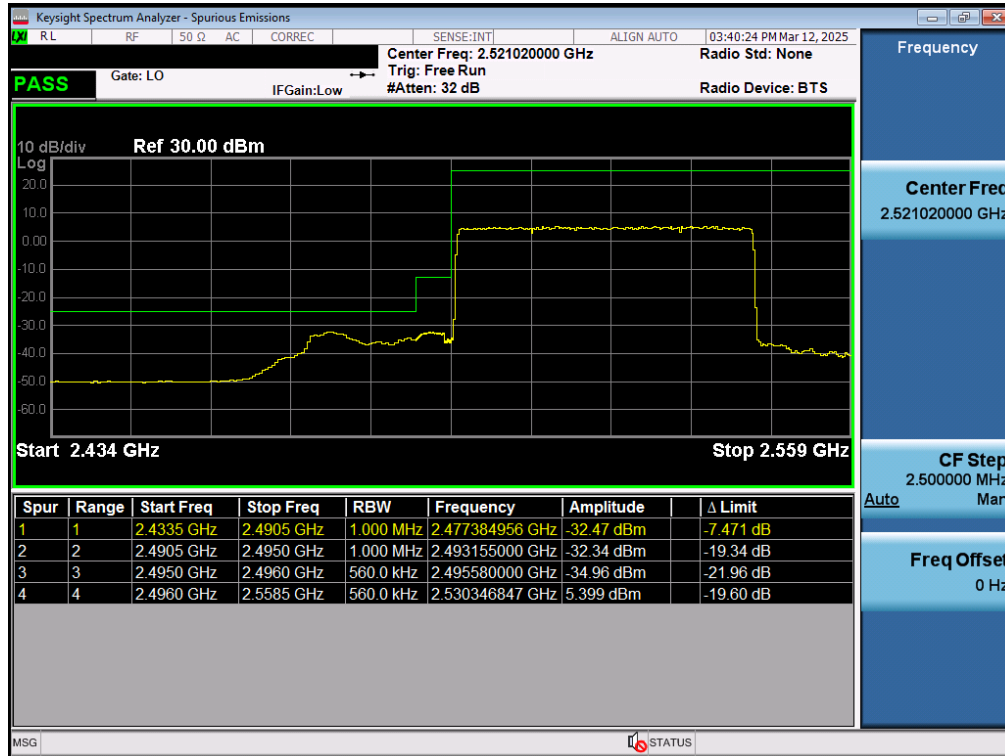


Plot 7-273. Lower ACP Plot (NR Band n41PC2 - 60MHz CP-OFDM-QPSK – Full RB - Ant1)

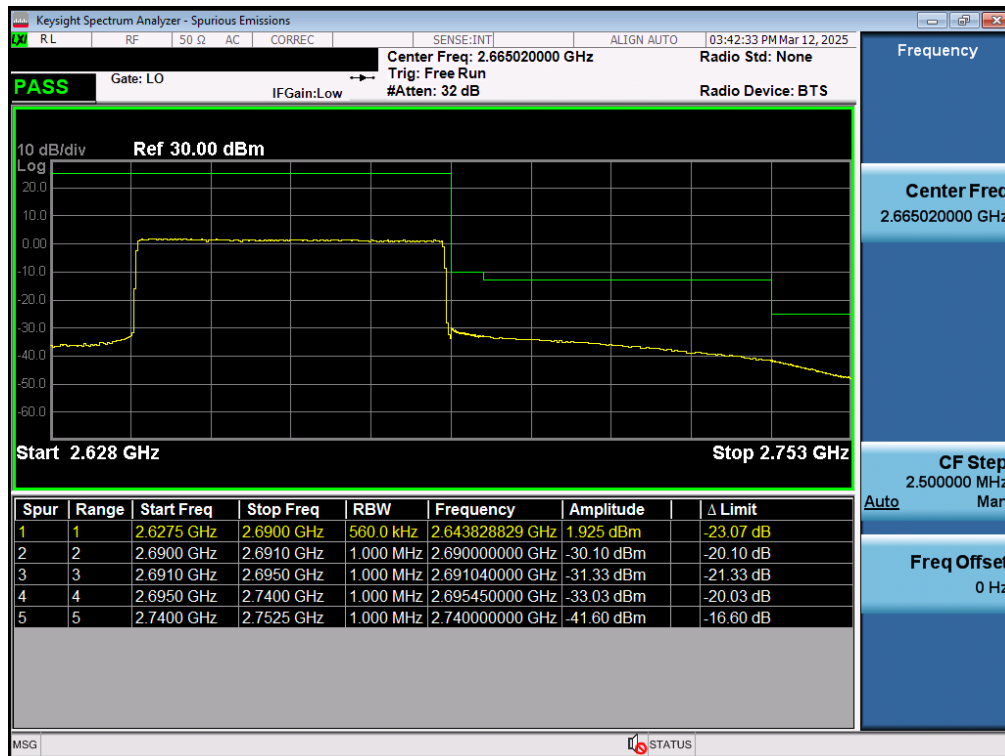


Plot 7-274. Upper ACP Plot (NR Band n41PC2 - 60MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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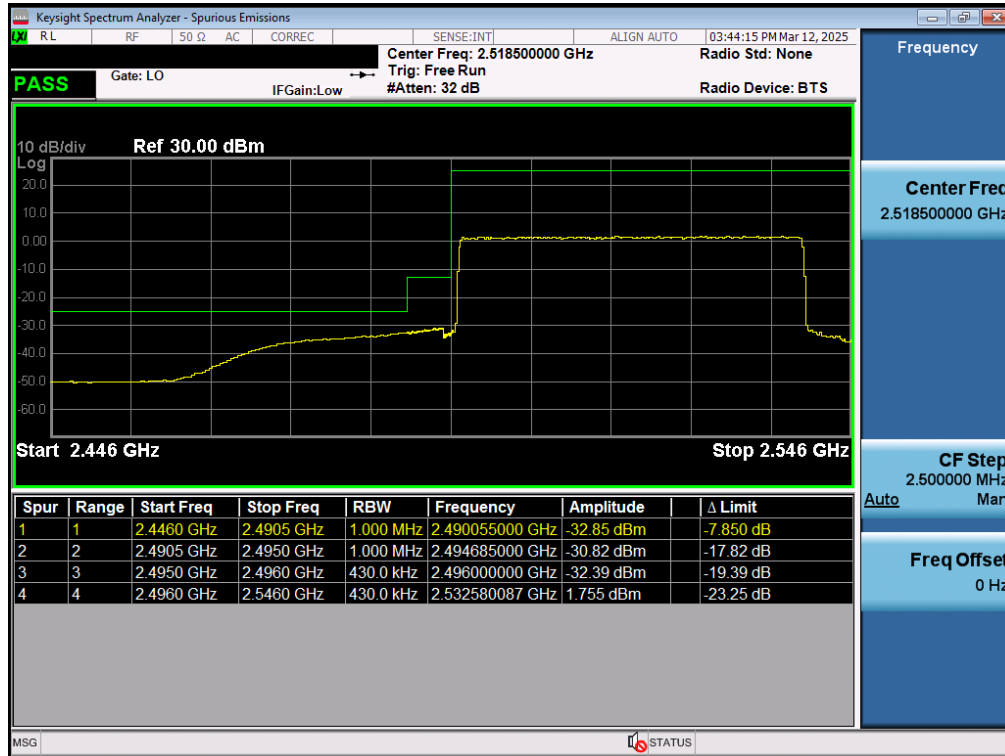


Plot 7-275. Lower ACP Plot (NR Band n41PC2 - 50MHz CP-OFDM-QPSK – Full RB - Ant1)

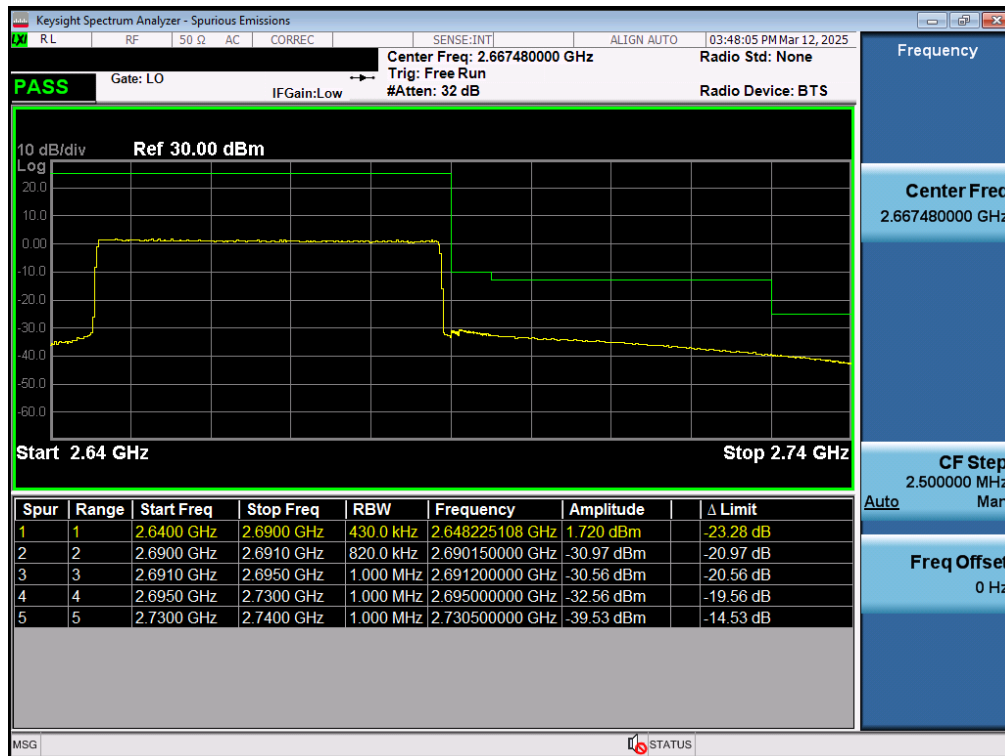


Plot 7-276. Upper ACP Plot (NR Band n41PC2 - 50MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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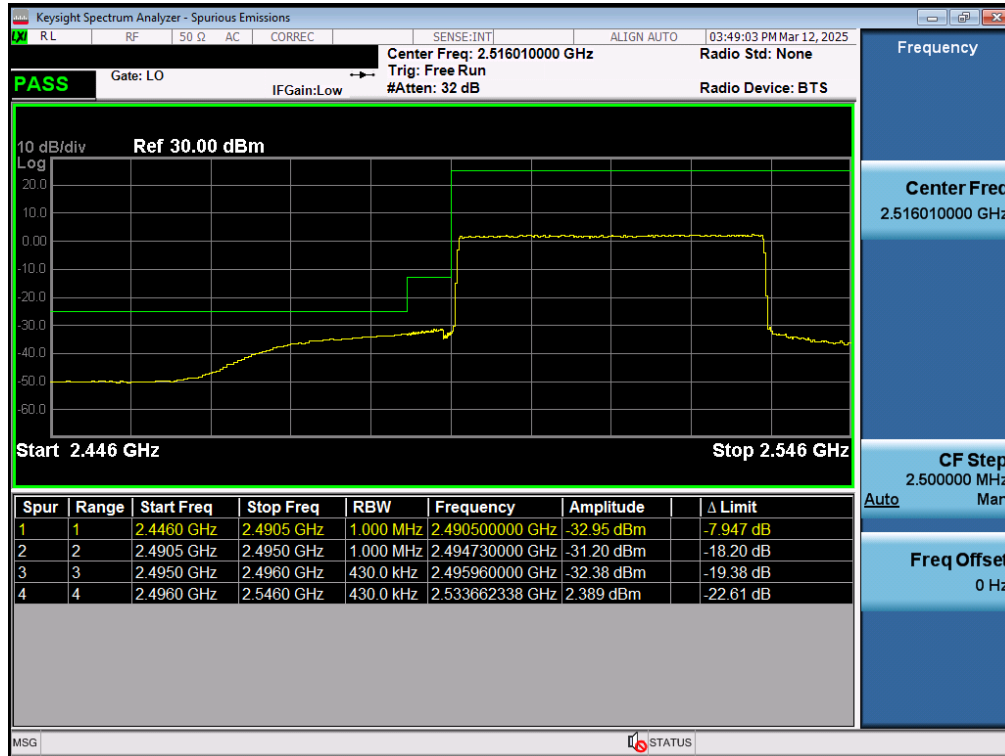


Plot 7-277. Lower ACP Plot (NR Band n41PC2 - 45MHz CP-OFDM-QPSK – Full RB - Ant1)

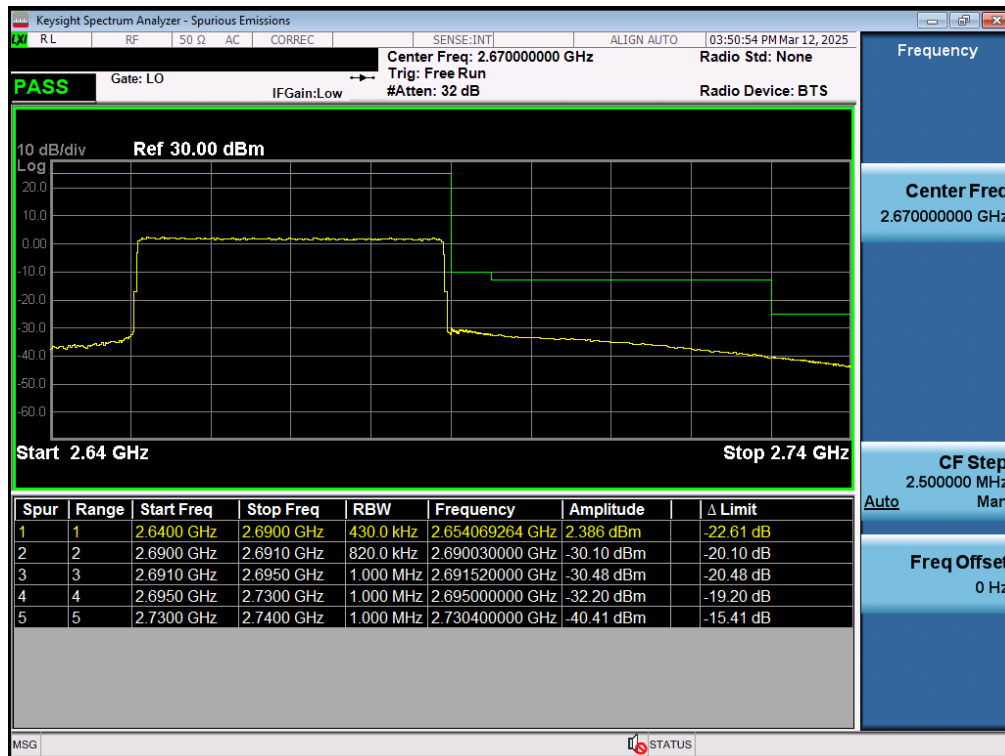


Plot 7-278. Upper ACP Plot (NR Band n41PC2 - 45MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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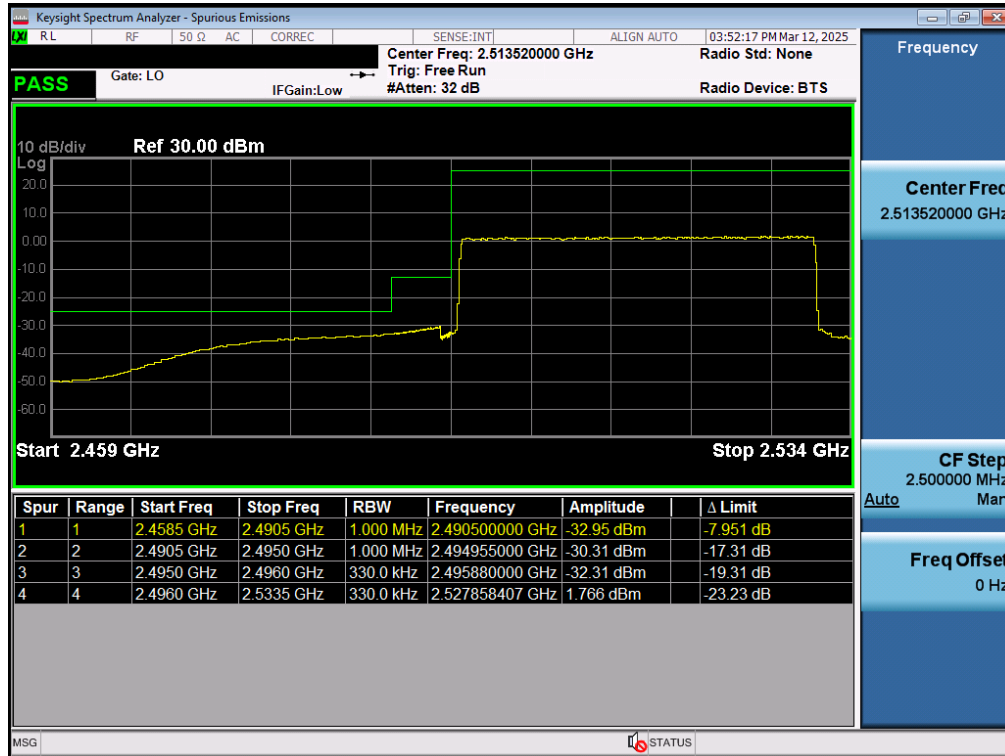


Plot 7-279. Lower ACP Plot (NR Band n41PC2 - 40MHz CP-OFDM-QPSK - Full RB - Ant1)

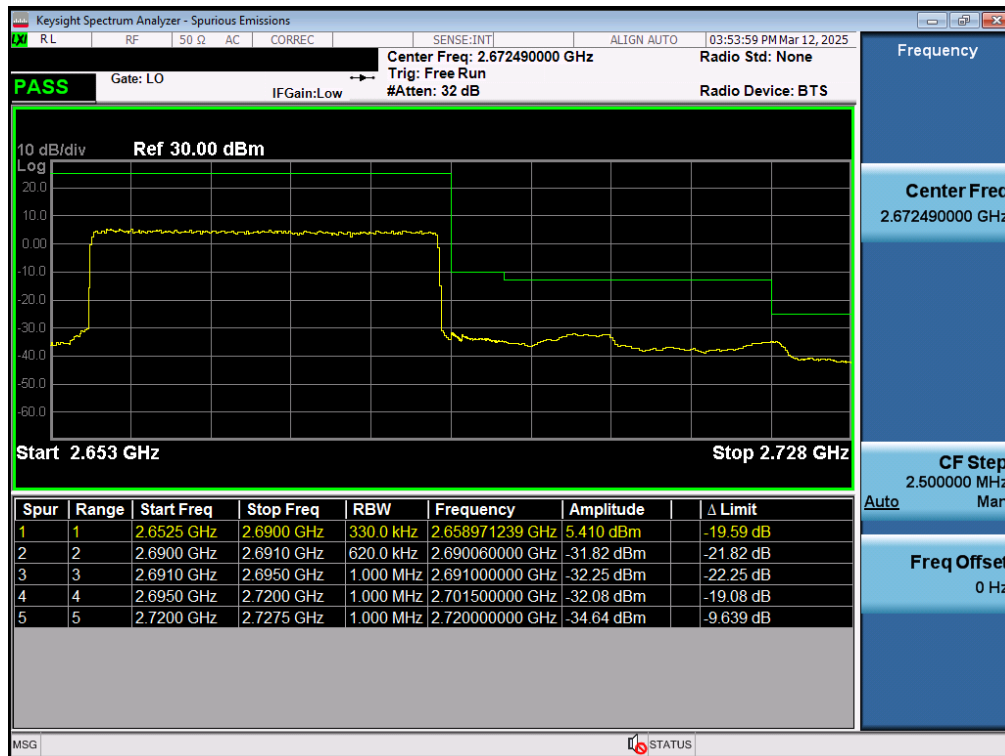


Plot 7-280. Upper ACP Plot (NR Band n41PC2 - 40MHz CP-OFDM-QPSK - Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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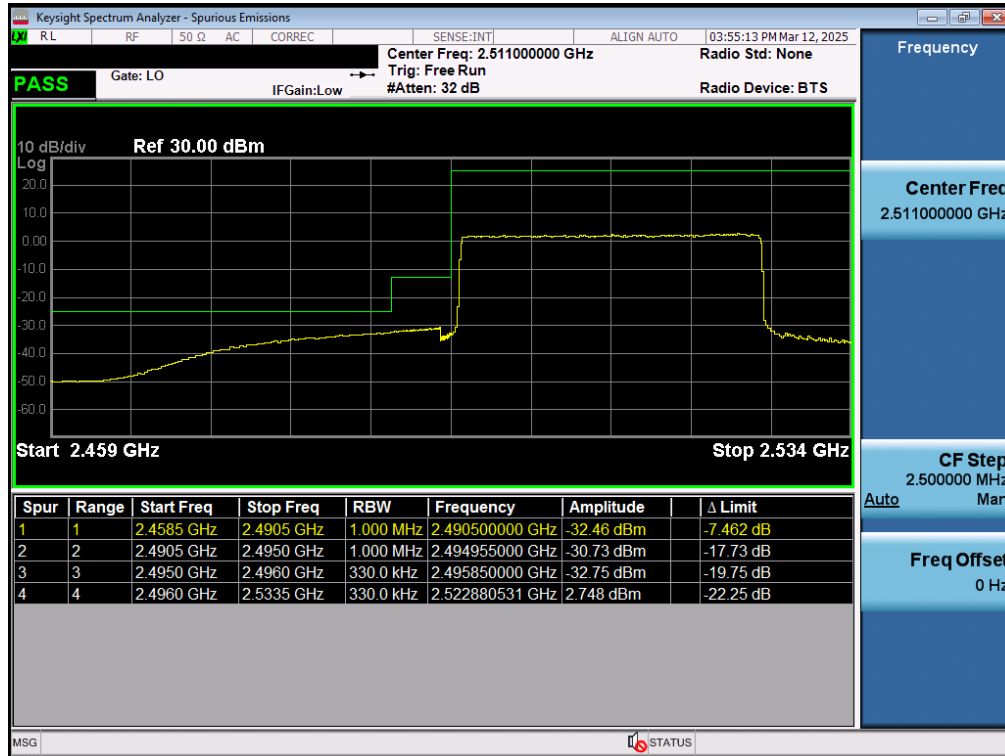


Plot 7-281. Lower ACP Plot (NR Band n41PC2 - 35MHz CP-OFDM-QPSK – Full RB - Ant1)

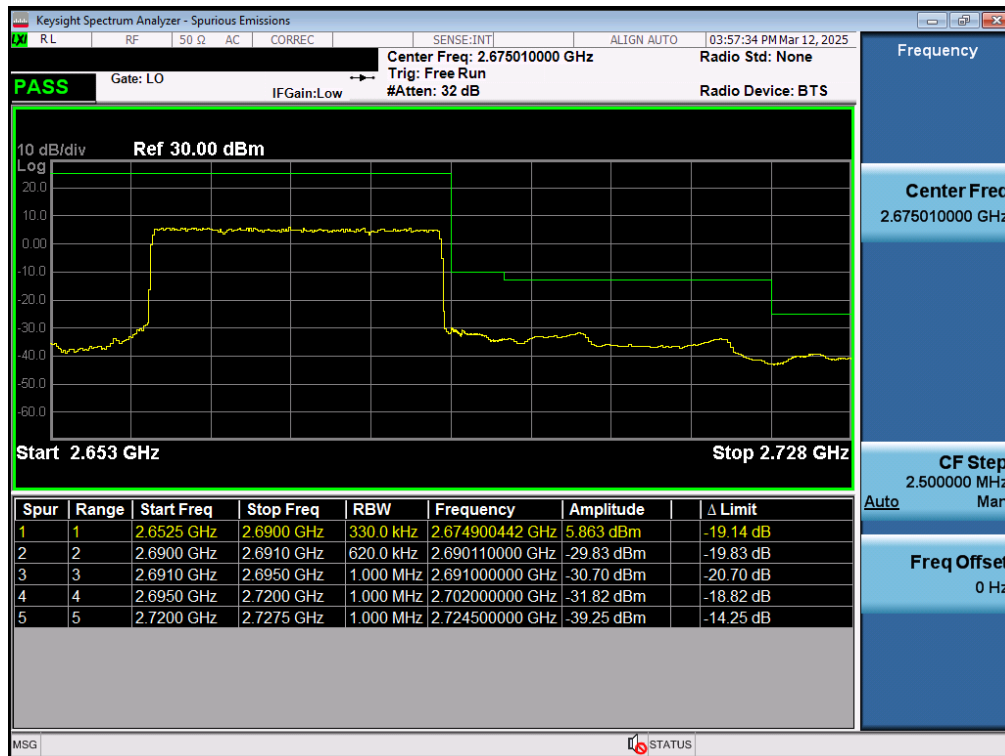


Plot 7-282. Upper ACP Plot (NR Band n41PC2 - 35MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 197 of 276

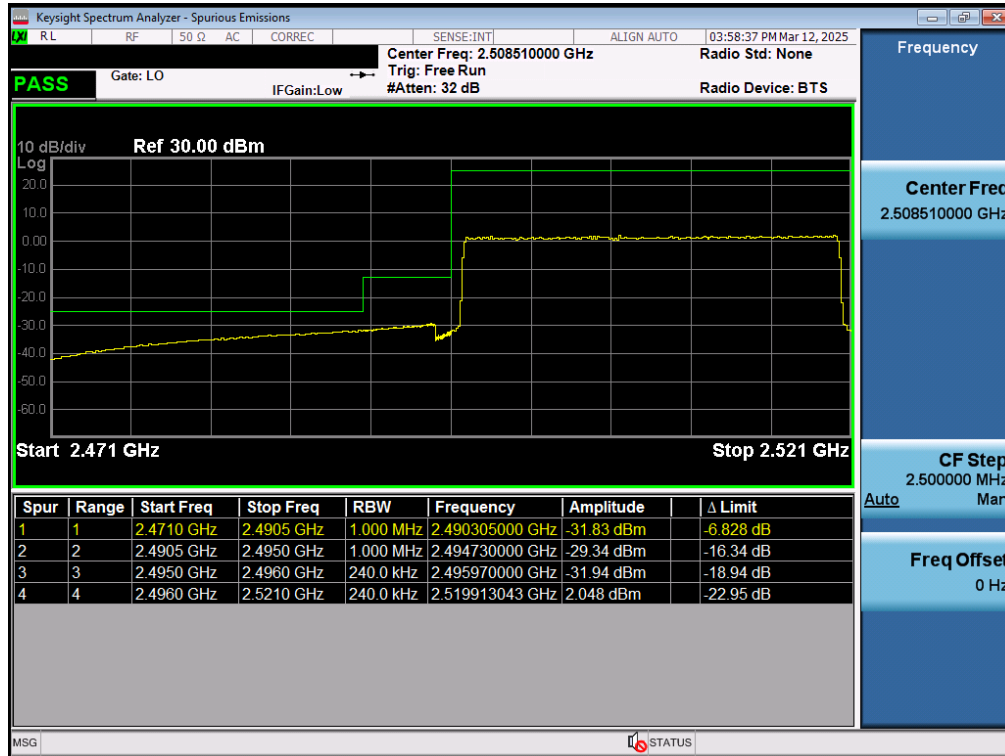


Plot 7-283. Lower ACP Plot (NR Band n41PC2 - 30MHz CP-OFDM-QPSK – Full RB - Ant1)

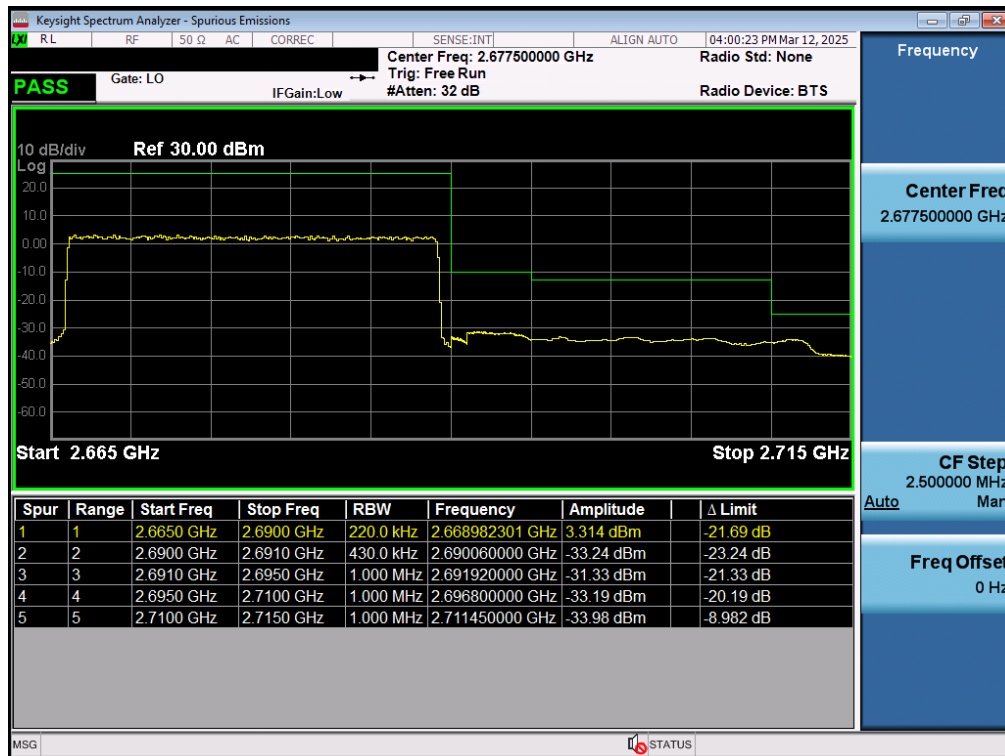


Plot 7-284. Upper ACP Plot (NR Band n41PC2 - 30MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 198 of 276

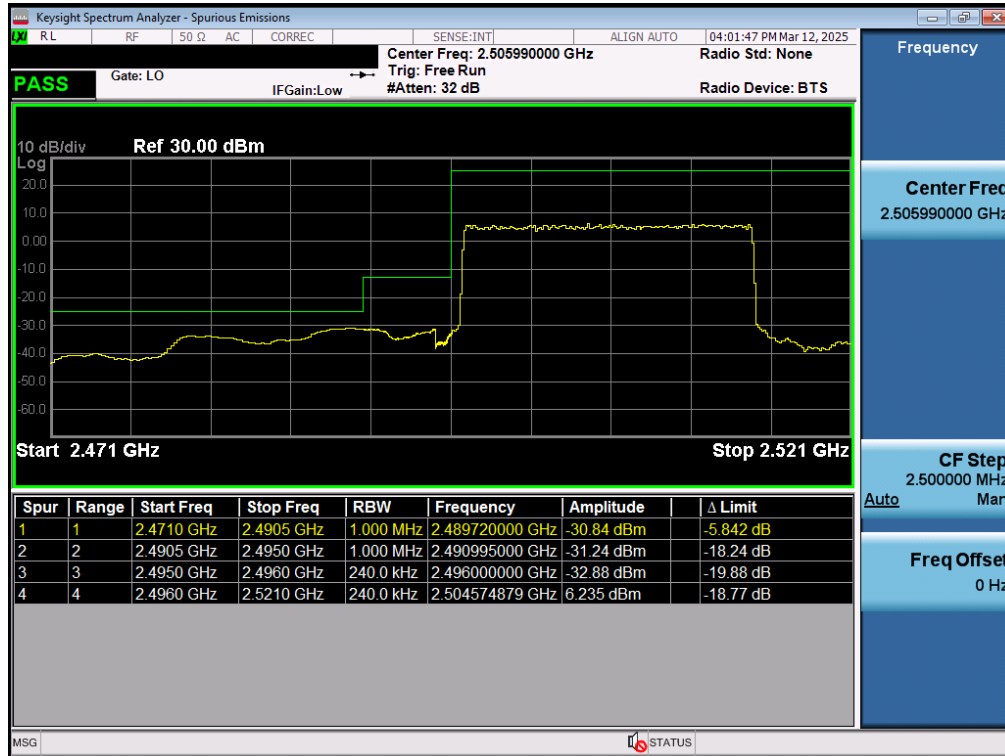


Plot 7-285. Lower ACP Plot (NR Band n41PC2 - 25MHz CP-OFDM-QPSK – Full RB - Ant1)

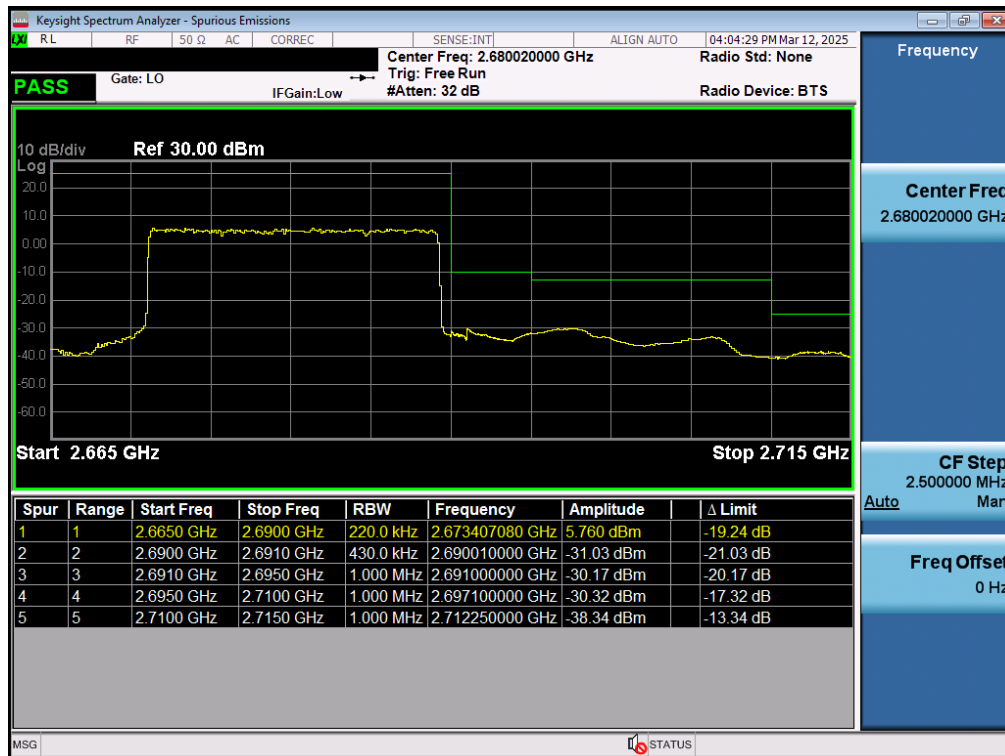


Plot 7-286. Upper ACP Plot (NR Band n41PC2 - 25MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 199 of 276

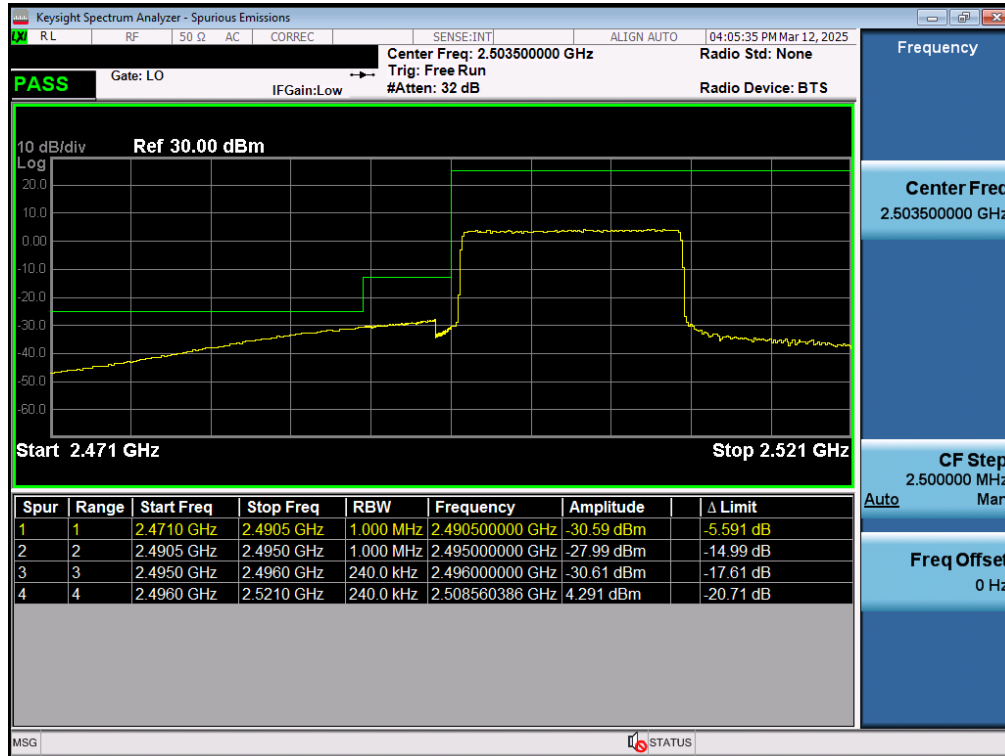


Plot 7-287. Lower ACP Plot (NR Band n41PC2 - 20MHz CP-OFDM-QPSK – Full RB - Ant1)

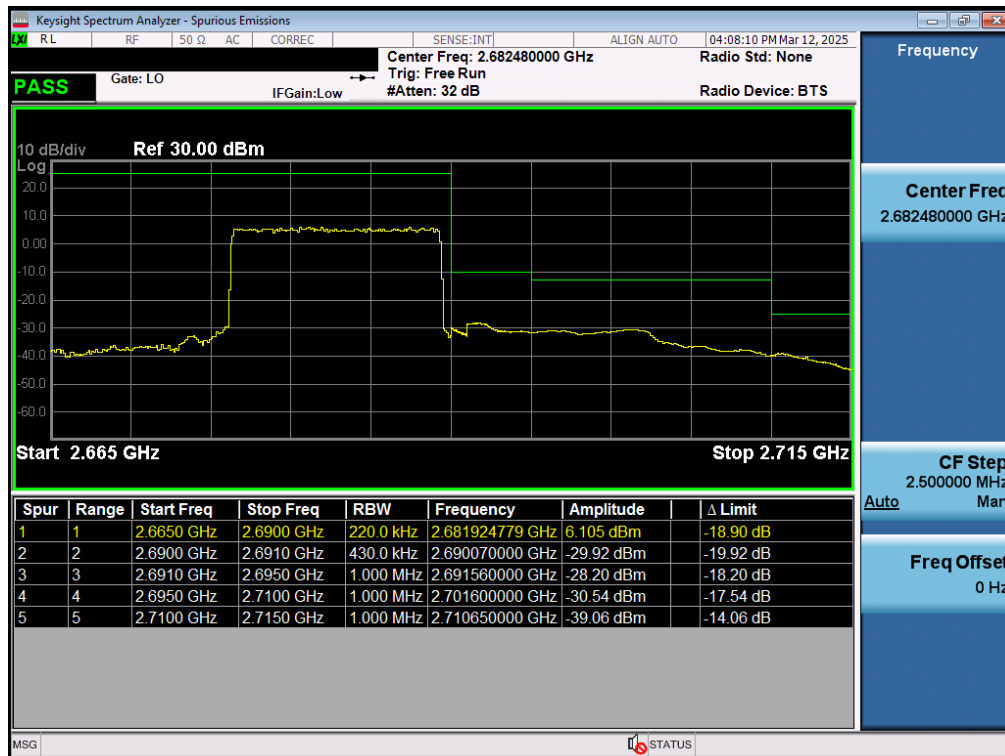


Plot 7-288. Upper ACP Plot (NR Band n41PC2 - 20MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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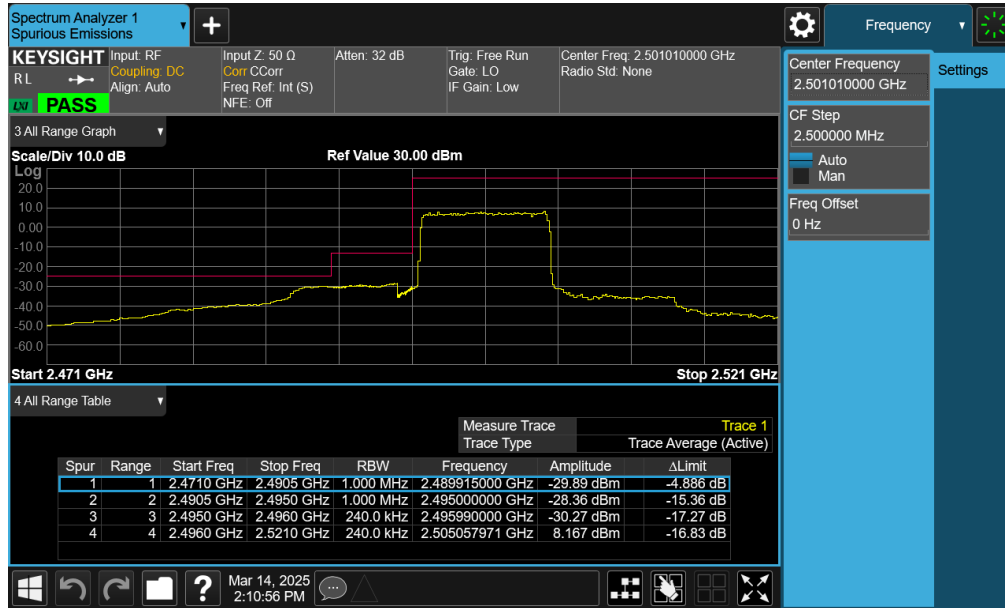


Plot 7-289. Lower ACP Plot (NR Band n41PC2 - 15MHz CP-OFDM-QPSK - Full RB - Ant1)

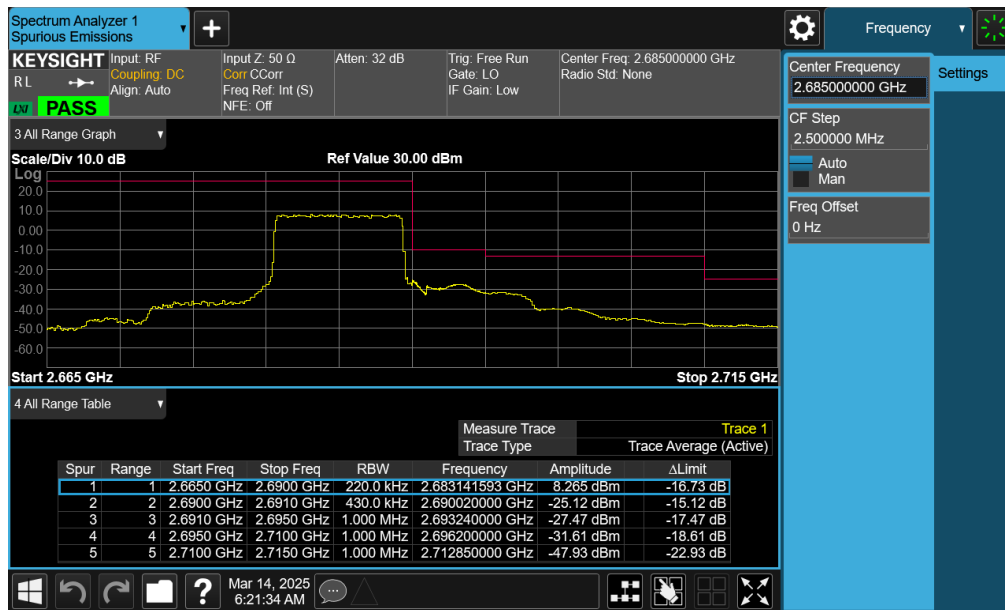


Plot 7-290. Upper ACP Plot (NR Band n41PC2 - 15MHz CP-OFDM-QPSK - Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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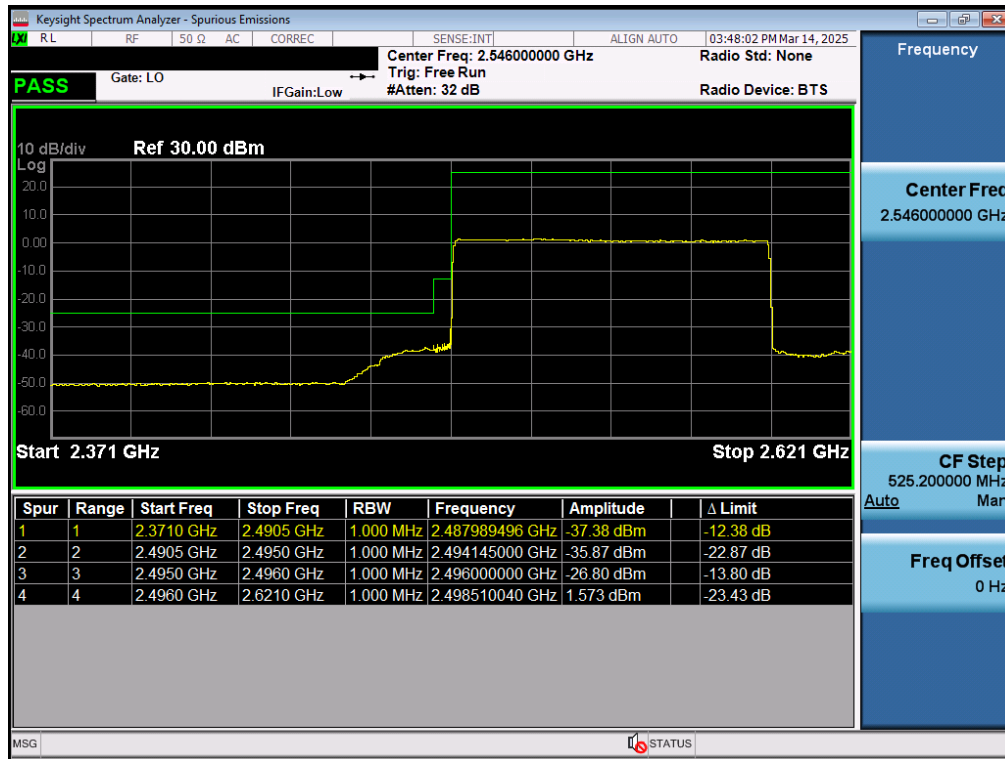
Plot 7-291. Lower ACP Plot (NR Band n41PC2 - 10MHz CP-OFDM-QPSK – Full RB - Ant1)



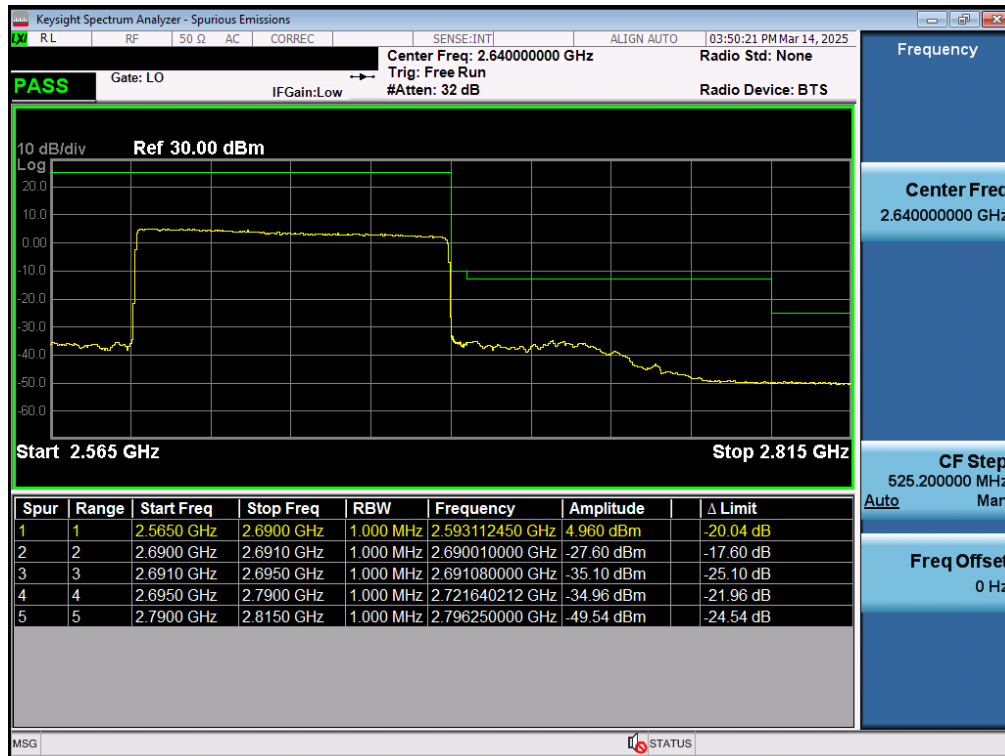
Plot 7-292. Upper ACP Plot (NR Band n41PC2 - 10MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n41 – Switch – Ant1

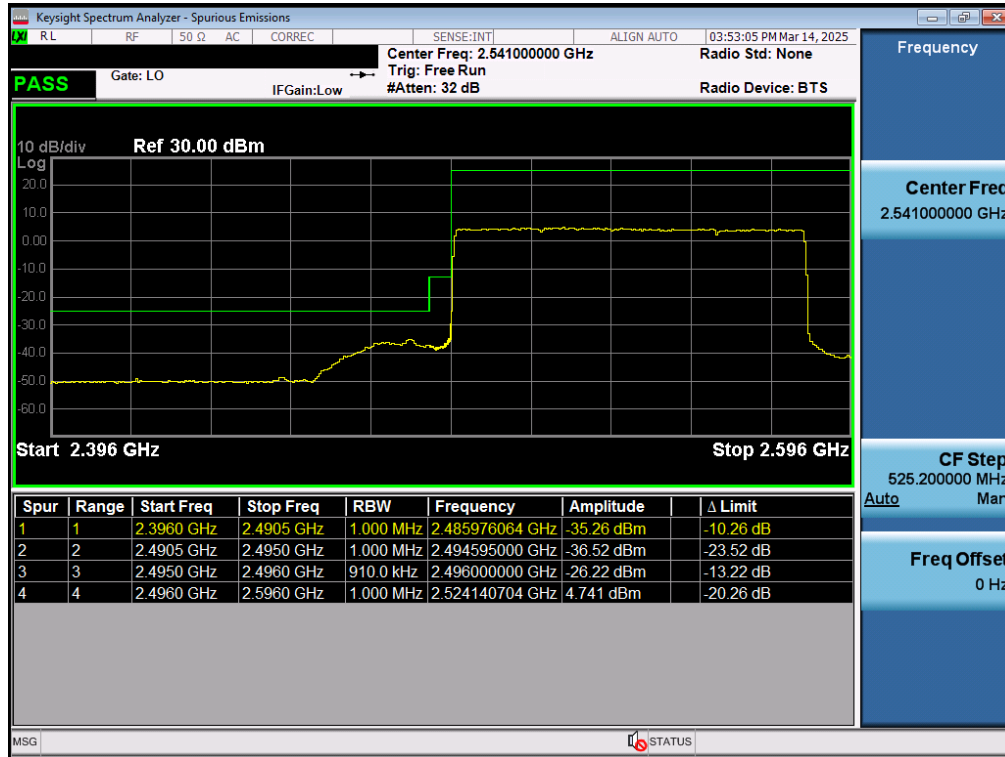


Plot 7-293. Lower ACP Plot (NR Band n41PC2 - 100MHz CP-OFDM-QPSK – Full RB - Ant1)

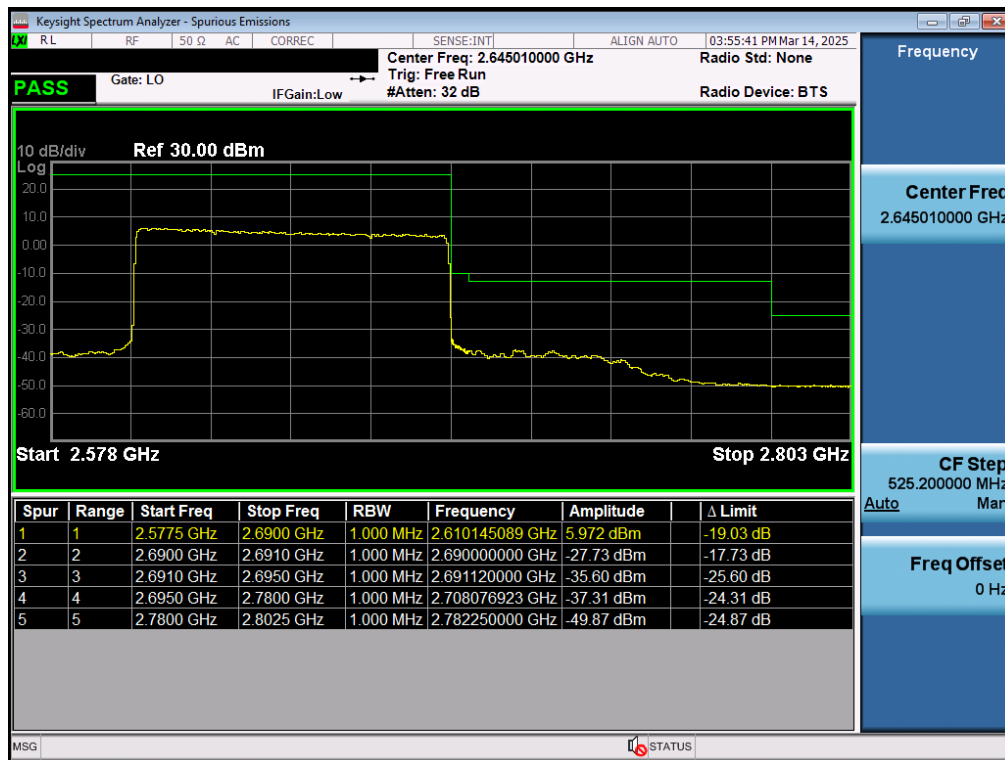


Plot 7-294. Upper ACP Plot (NR Band n41PC2 - 100MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 203 of 276

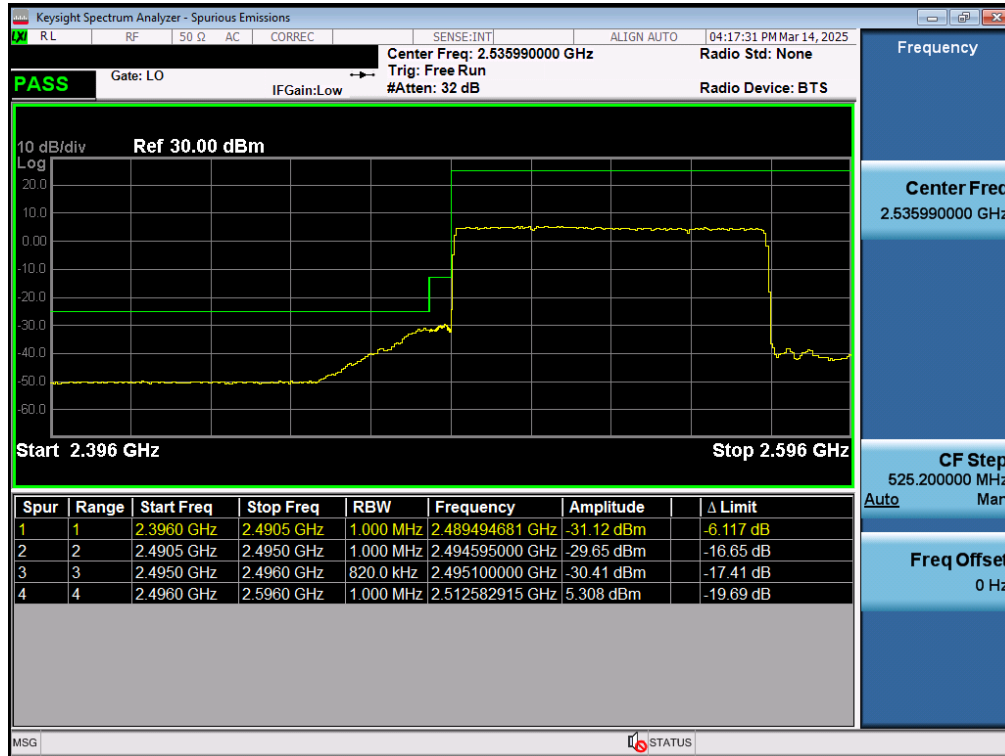


Plot 7-295. Lower ACP Plot (NR Band n41PC2 - 90MHz CP-OFDM-QPSK – Full RB - Ant1)

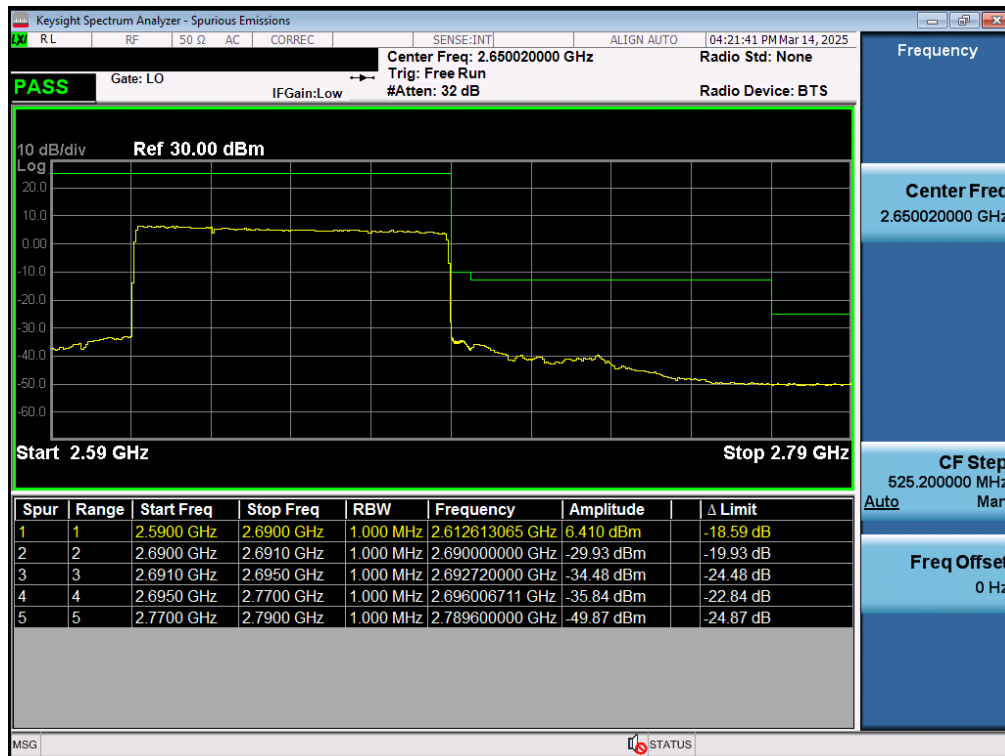


Plot 7-296. Upper ACP Plot (NR Band n41PC2 - 90MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 204 of 276

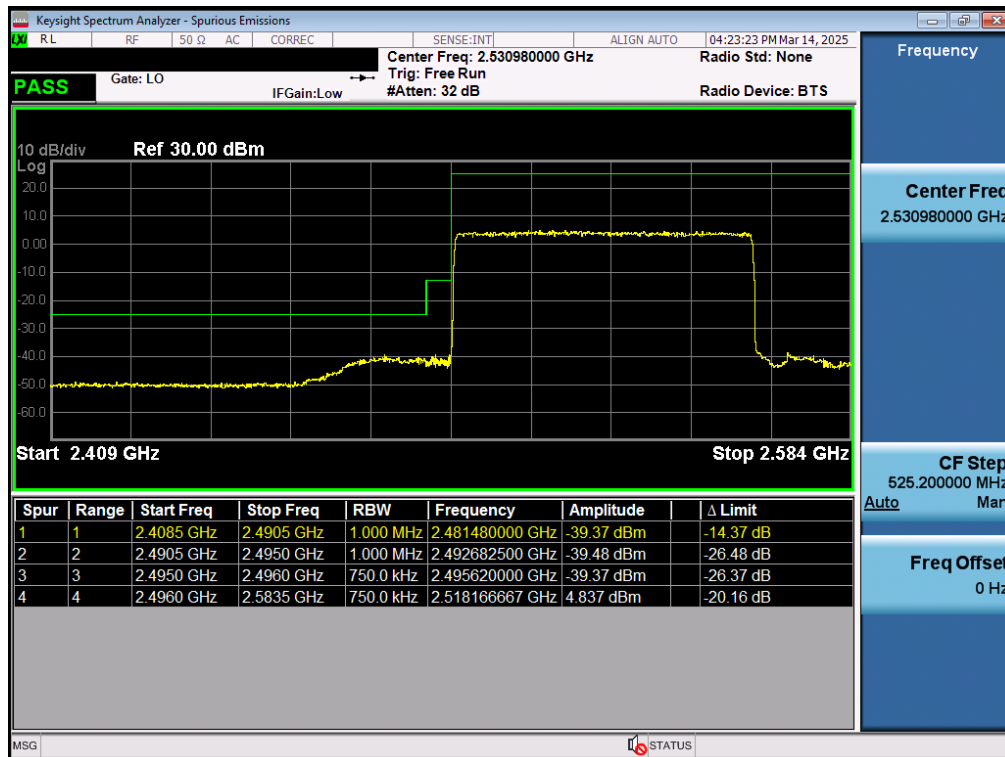


Plot 7-297. Lower ACP Plot (NR Band n41PC2 - 80MHz CP-OFDM-QPSK - Full RB - Ant1)

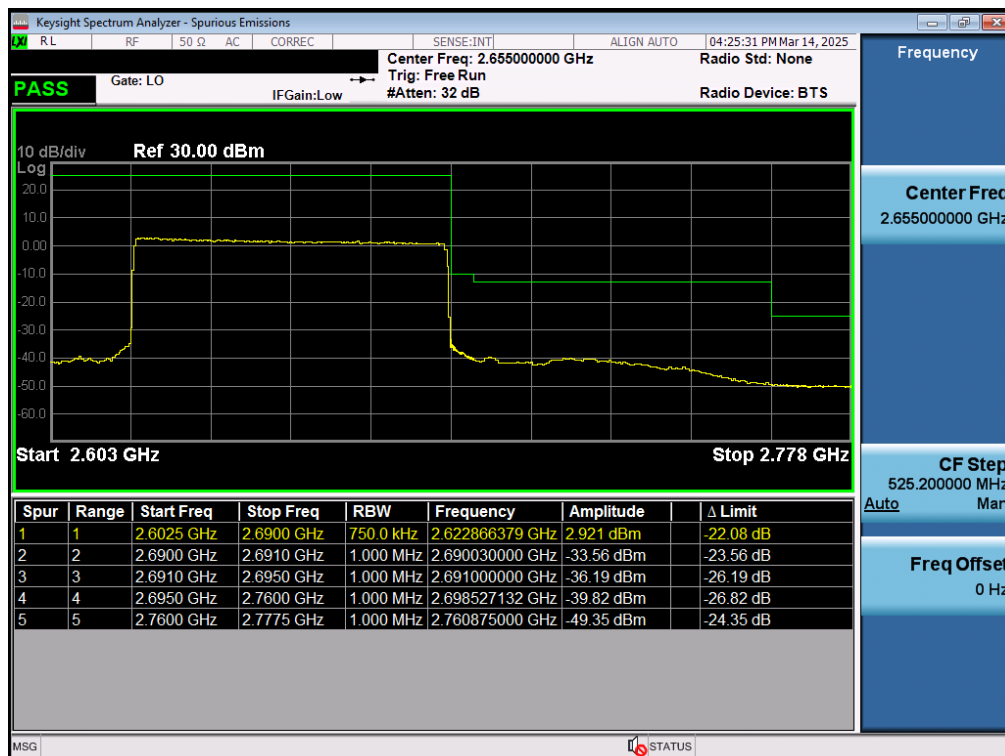


Plot 7-298. Upper ACP Plot (NR Band n41PC2 - 80MHz CP-OFDM-QPSK - Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 205 of 276

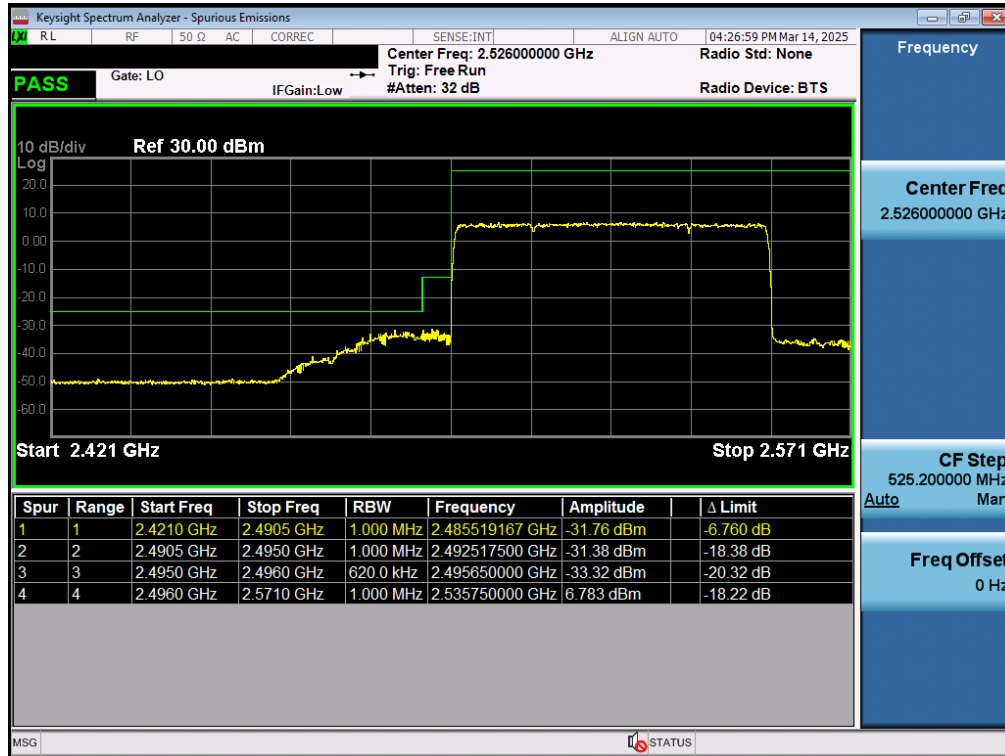


Plot 7-299. Lower ACP Plot (NR Band n41PC2 - 70MHz CP-OFDM-QPSK - Full RB - Ant1)

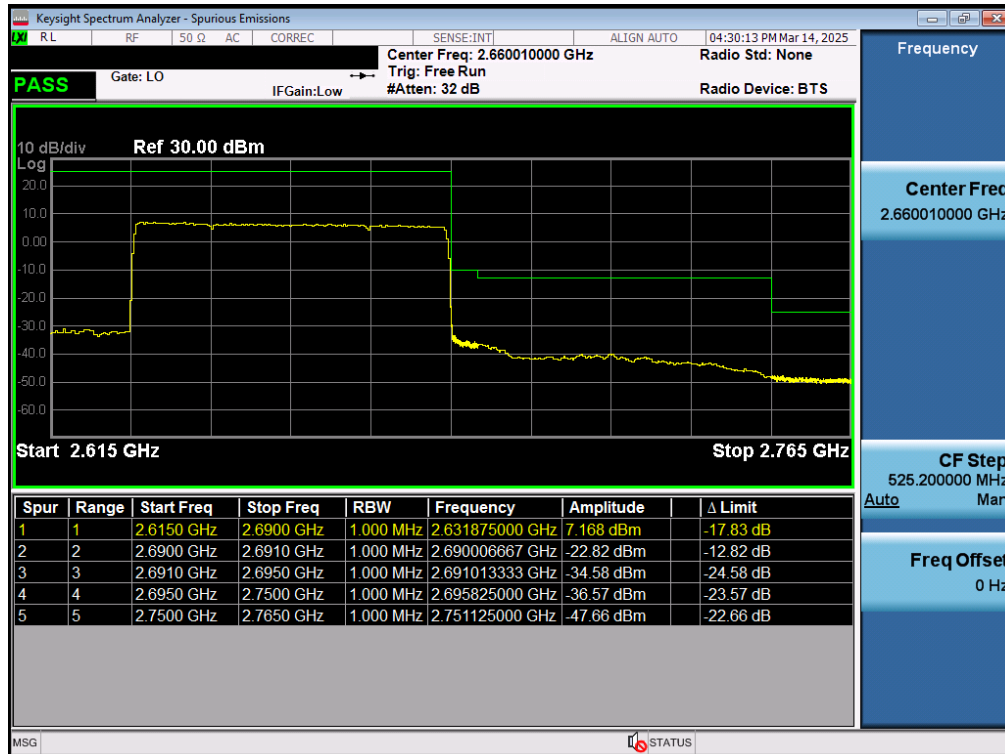


Plot 7-300. Upper ACP Plot (NR Band n41PC2 - 70MHz CP-OFDM-QPSK - Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 206 of 276

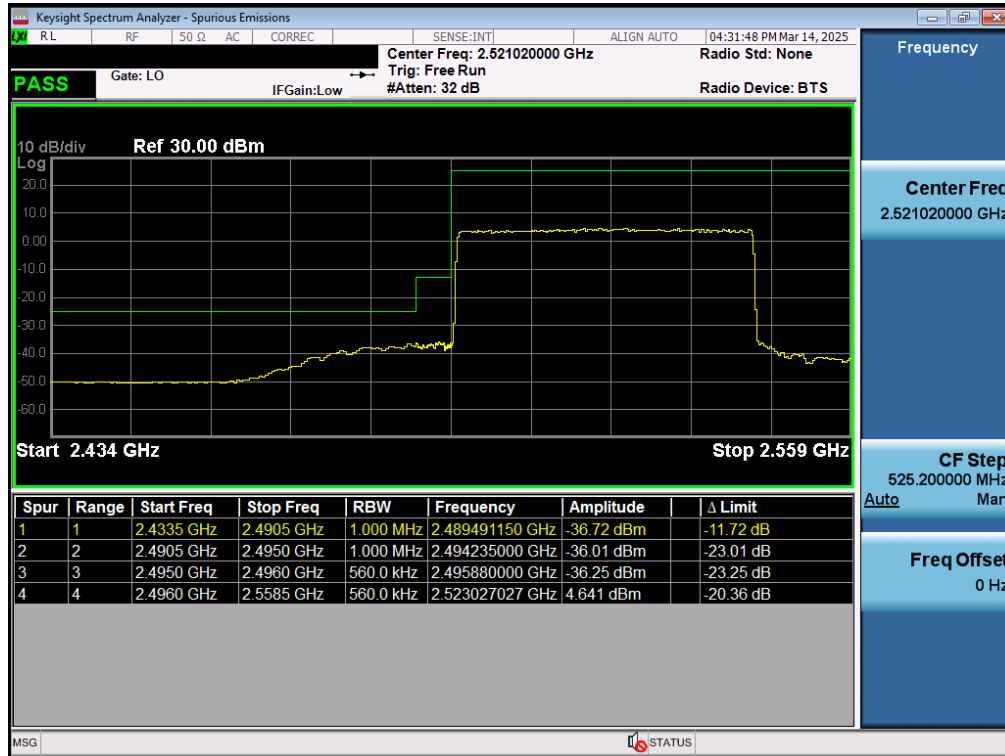


Plot 7-301. Lower ACP Plot (NR Band n41PC2 - 60MHz CP-OFDM-QPSK – Full RB - Ant1)

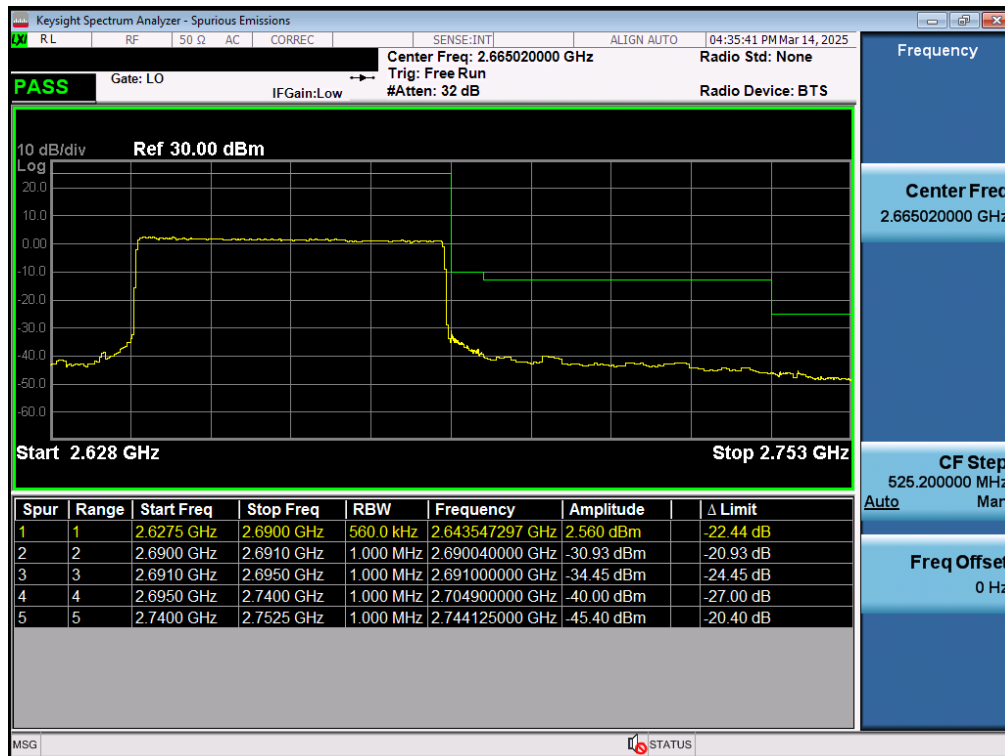


Plot 7-302. Upper ACP Plot (NR Band n41PC2 - 60MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 207 of 276

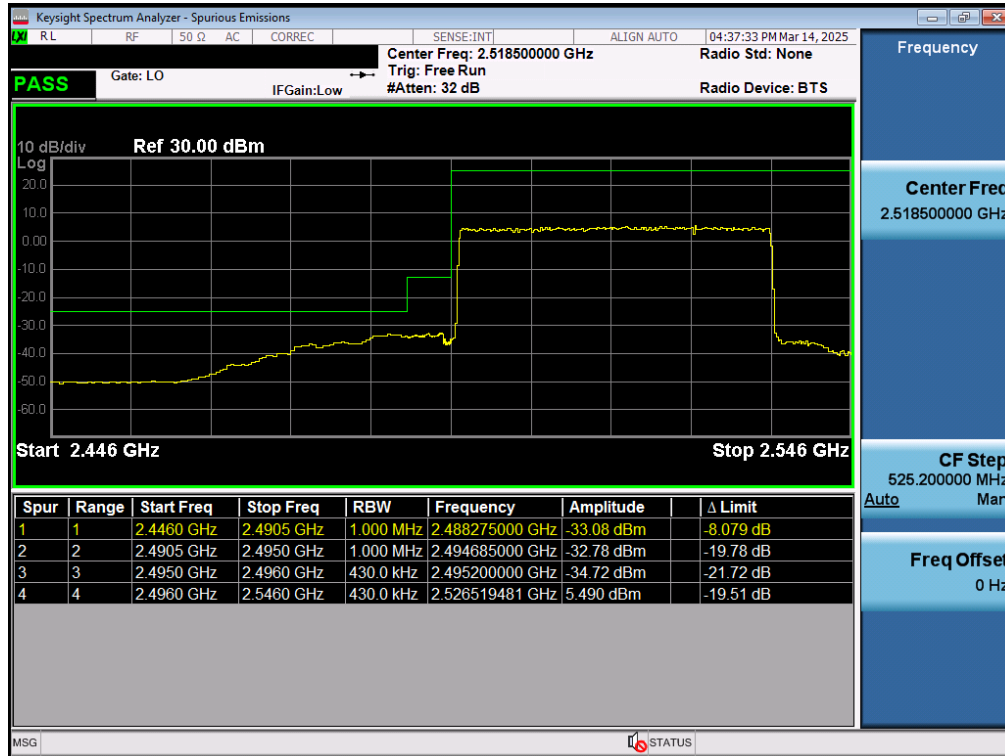


Plot 7-303. Lower ACP Plot (NR Band n41PC2 - 50MHz CP-OFDM-QPSK – Full RB - Ant1)

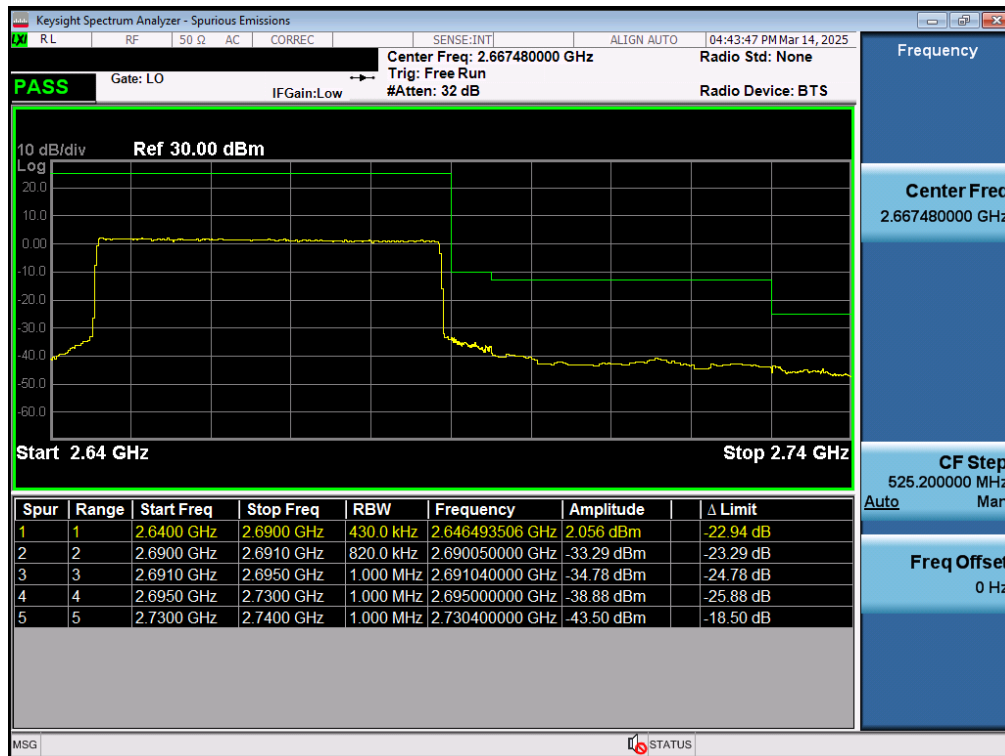


Plot 7-304. Upper ACP Plot (NR Band n41PC2 - 50MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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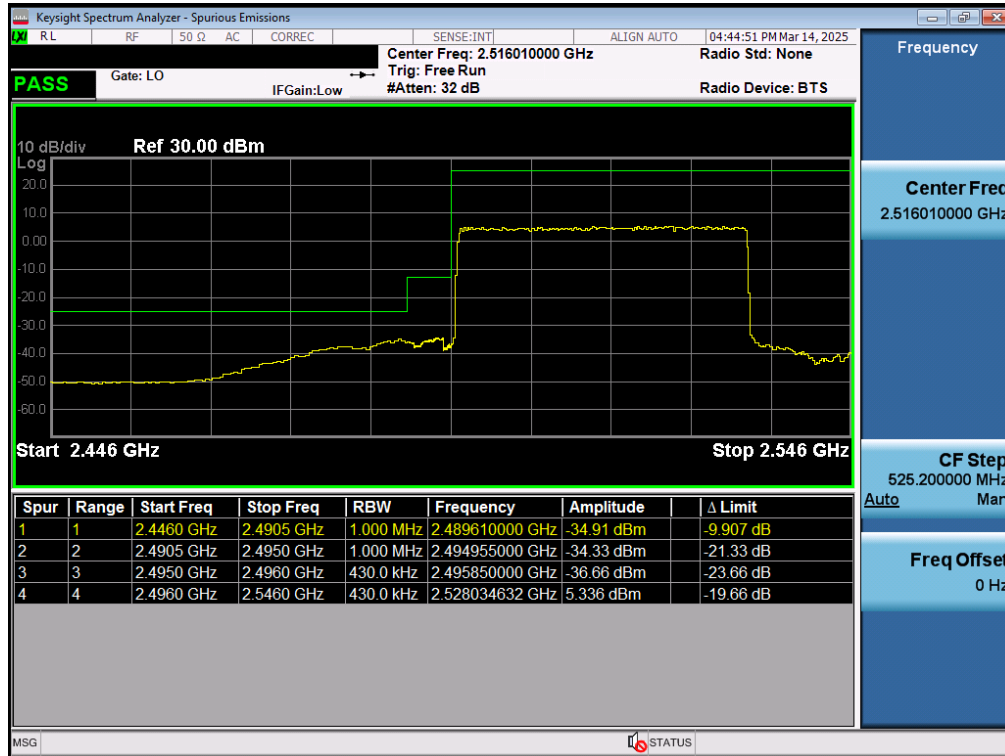


Plot 7-305. Lower ACP Plot (NR Band n41PC2 - 45MHz CP-OFDM-QPSK – Full RB - Ant1)

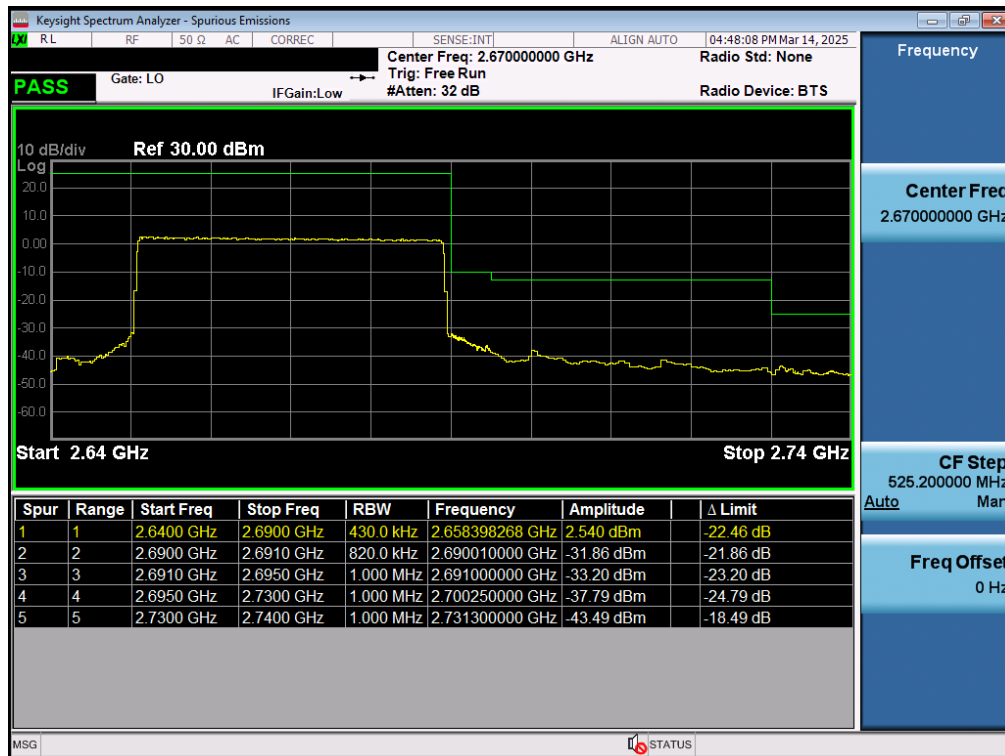


Plot 7-306. Upper ACP Plot (NR Band n41PC2 - 45MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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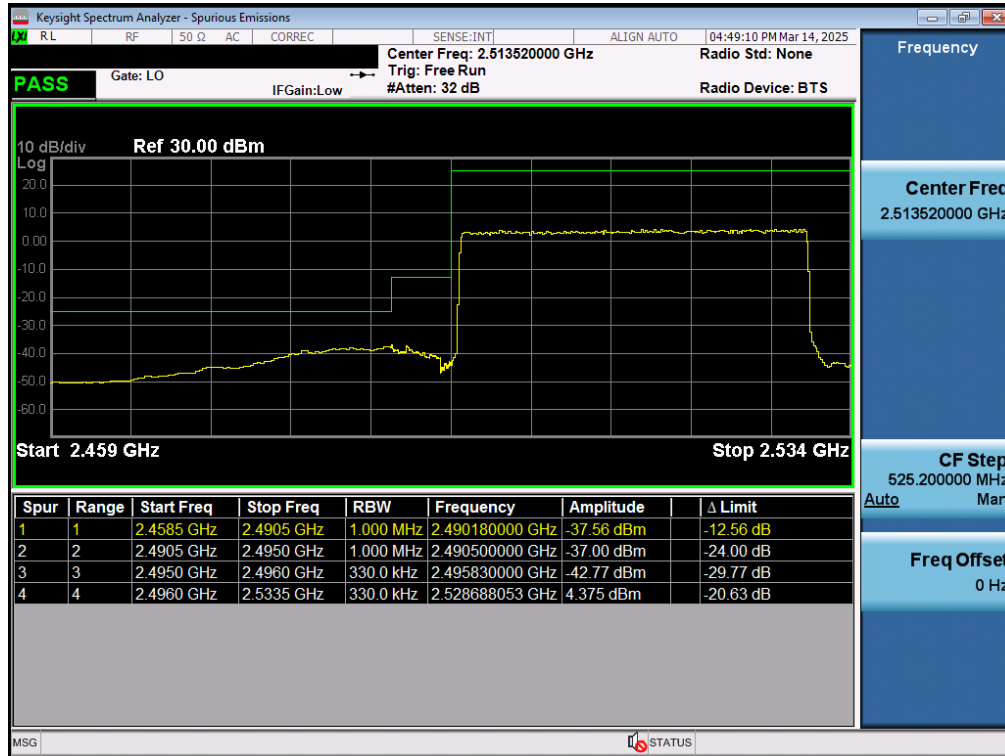


Plot 7-307. Lower ACP Plot (NR Band n41PC2 - 40MHz CP-OFDM-QPSK – Full RB - Ant1)

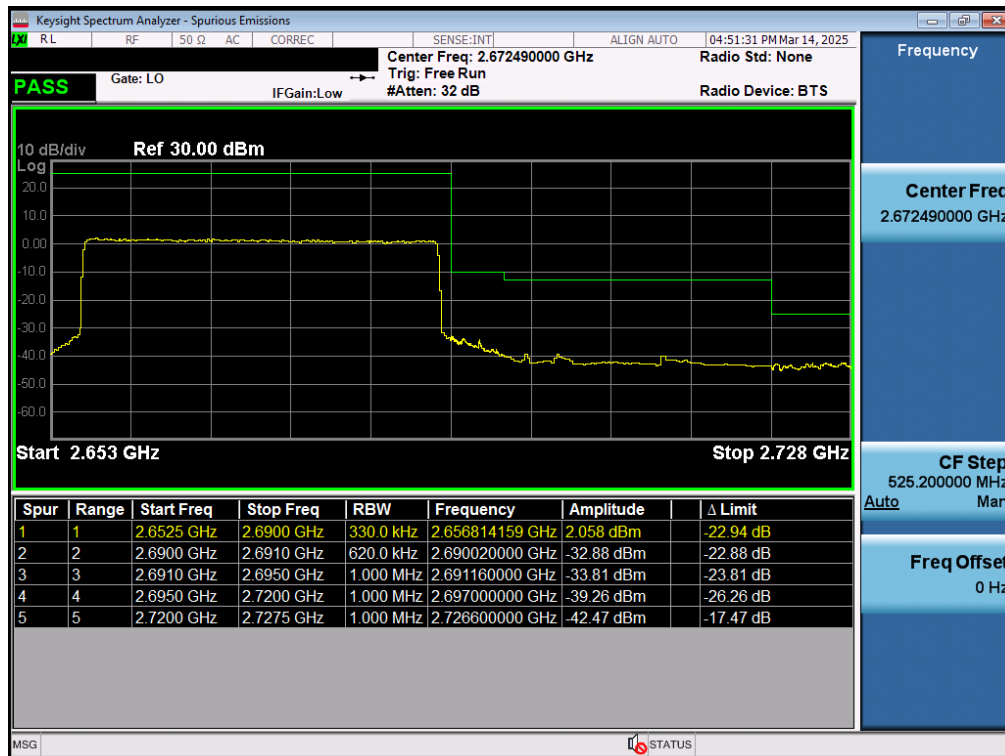


Plot 7-308. Upper ACP Plot (NR Band n41PC2 - 40MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 210 of 276

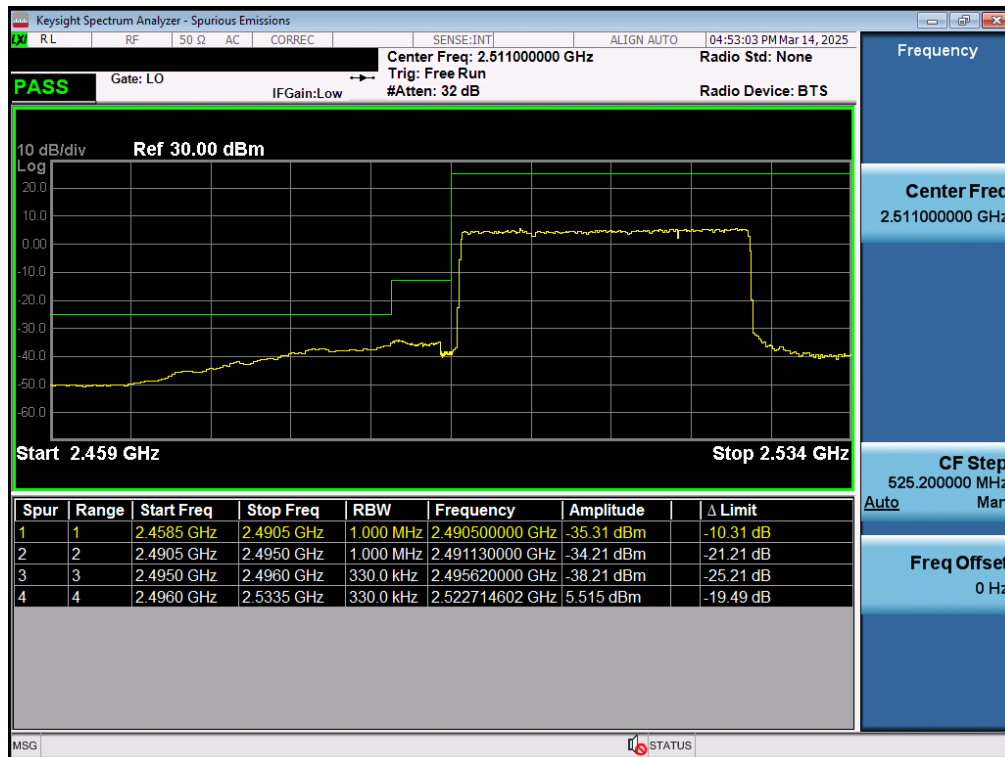


Plot 7-309. Lower ACP Plot (NR Band n41PC2 - 35MHz CP-OFDM-QPSK - Full RB - Ant1)

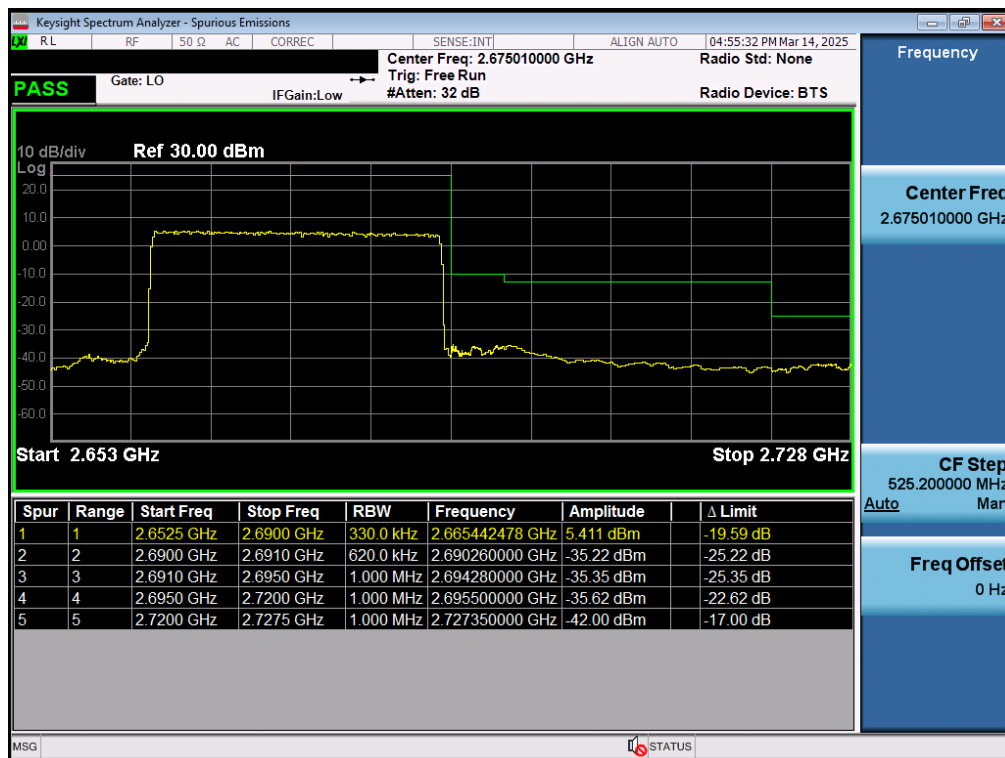


Plot 7-310. Upper ACP Plot (NR Band n41PC2 - 35MHz CP-OFDM-QPSK - Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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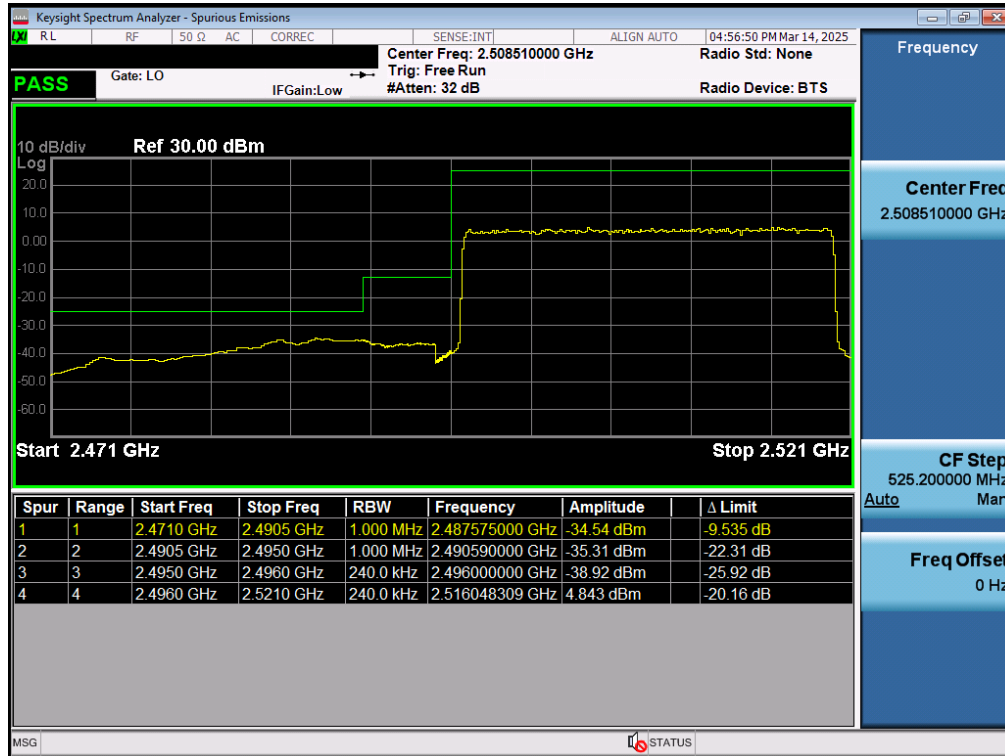


Plot 7-311. Lower ACP Plot (NR Band n41PC2 - 30MHz CP-OFDM-QPSK – Full RB - Ant1)

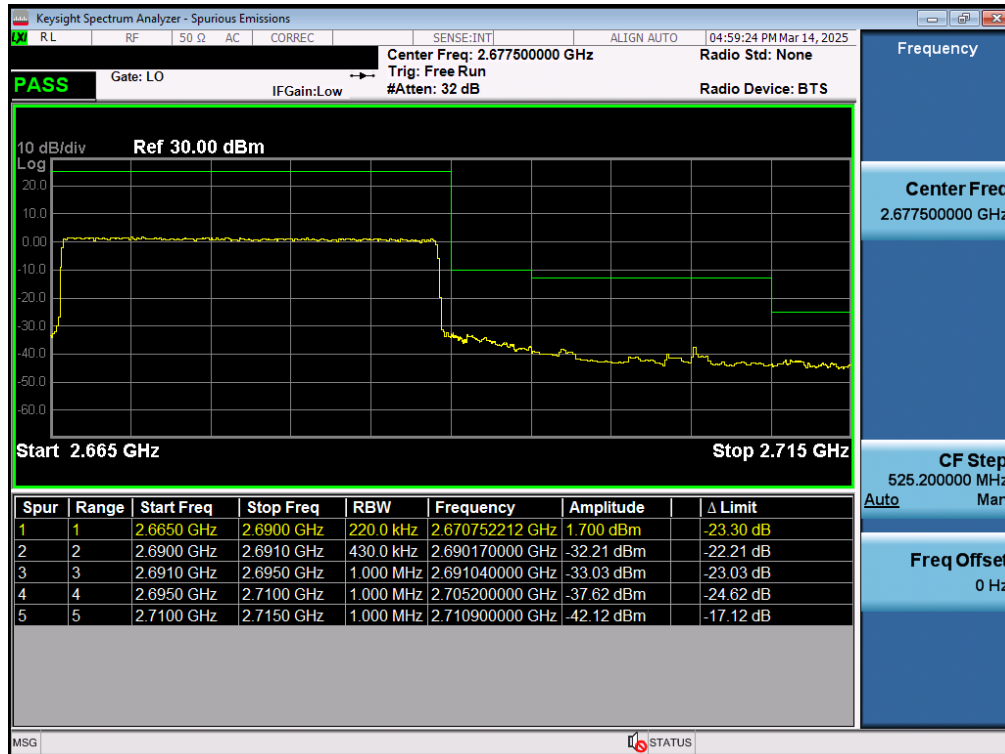


Plot 7-312. Upper ACP Plot (NR Band n41PC2 - 30MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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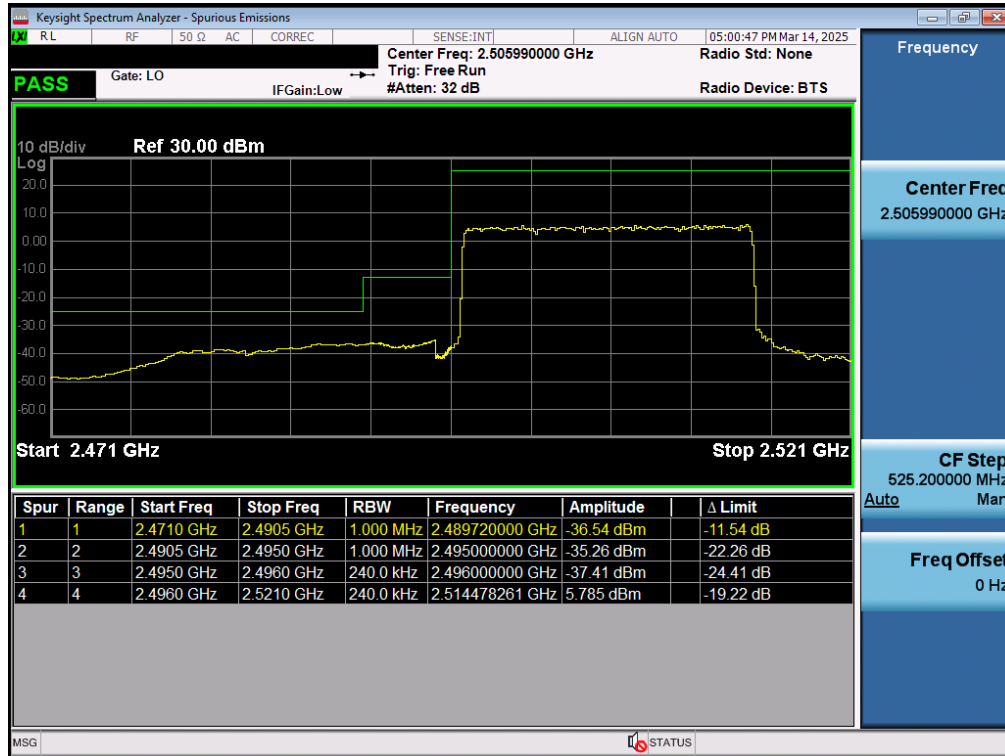


Plot 7-313. Lower ACP Plot (NR Band n41PC2 - 25MHz CP-OFDM-QPSK – Full RB - Ant1)

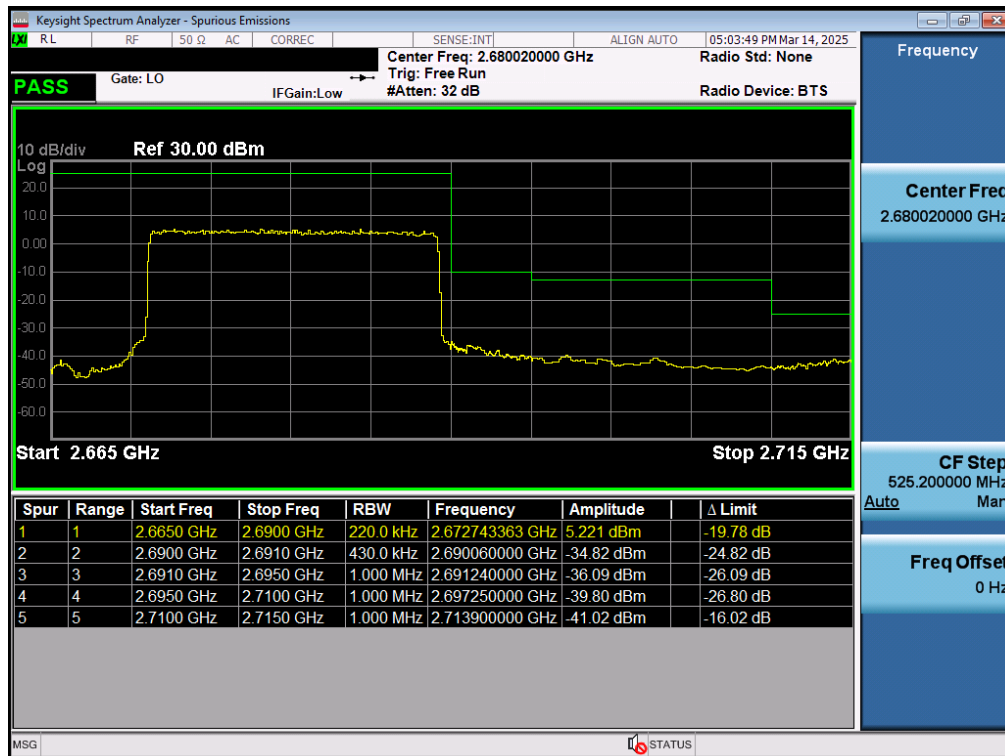


Plot 7-314. Upper ACP Plot (NR Band n41PC2 - 25MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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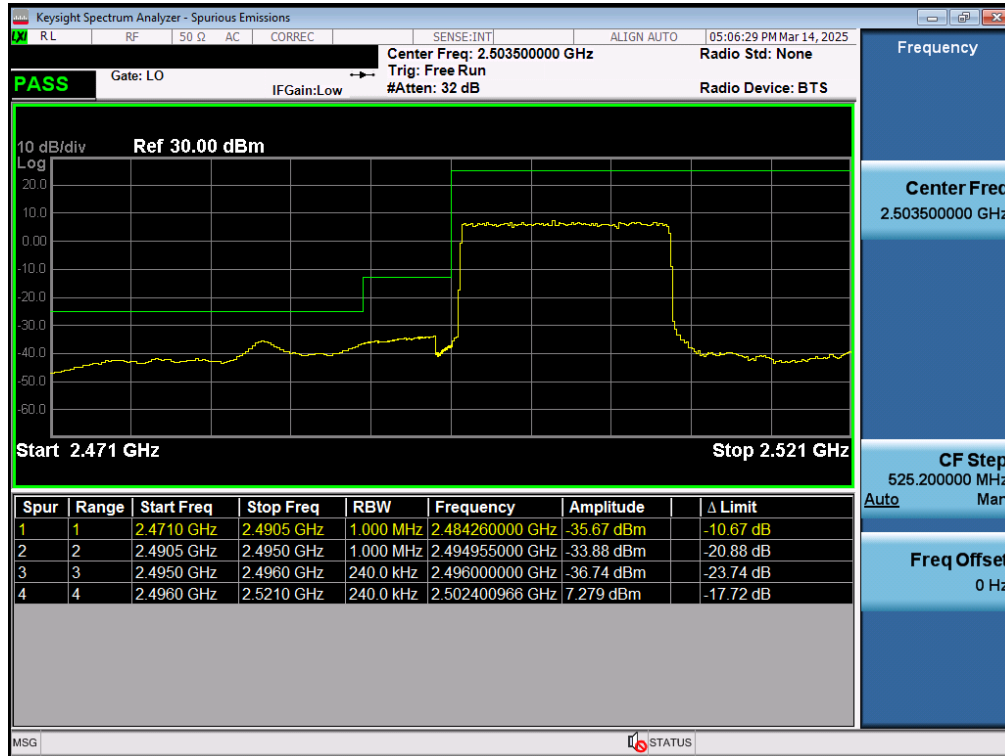


Plot 7-315. Lower ACP Plot (NR Band n41PC2 - 20MHz CP-OFDM-QPSK – Full RB - Ant1)

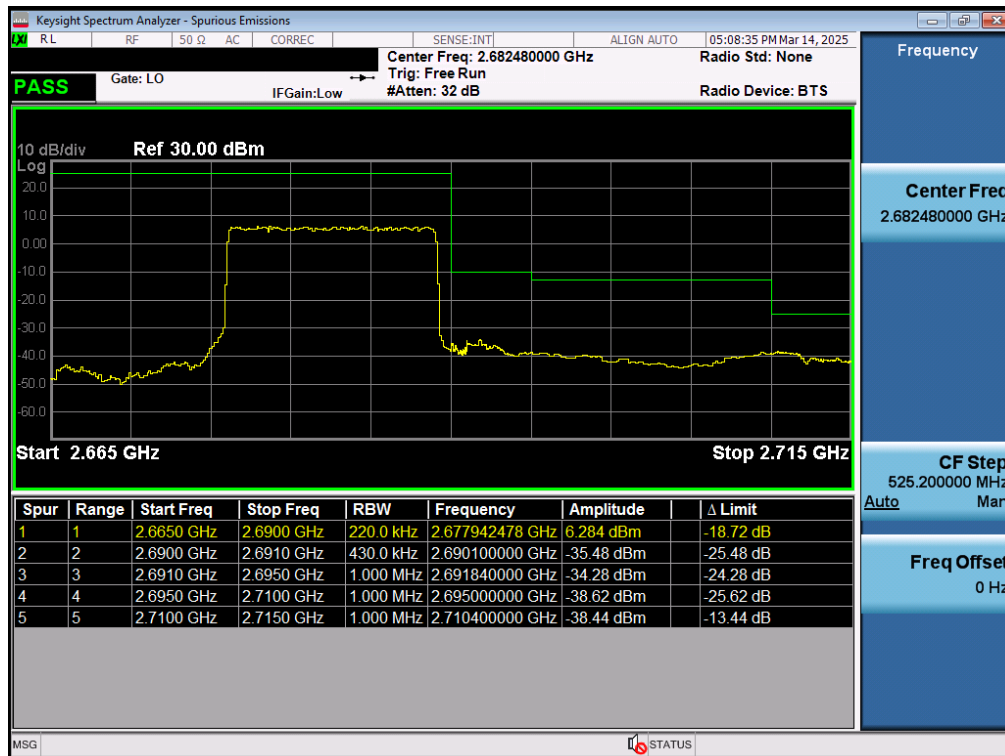


Plot 7-316. Upper ACP Plot (NR Band n41PC2 - 20MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2502270019-04.A3L	Test Dates: 2/24/2025 - 4/30/2025	EUT Type: Portable Handset	Page 214 of 276

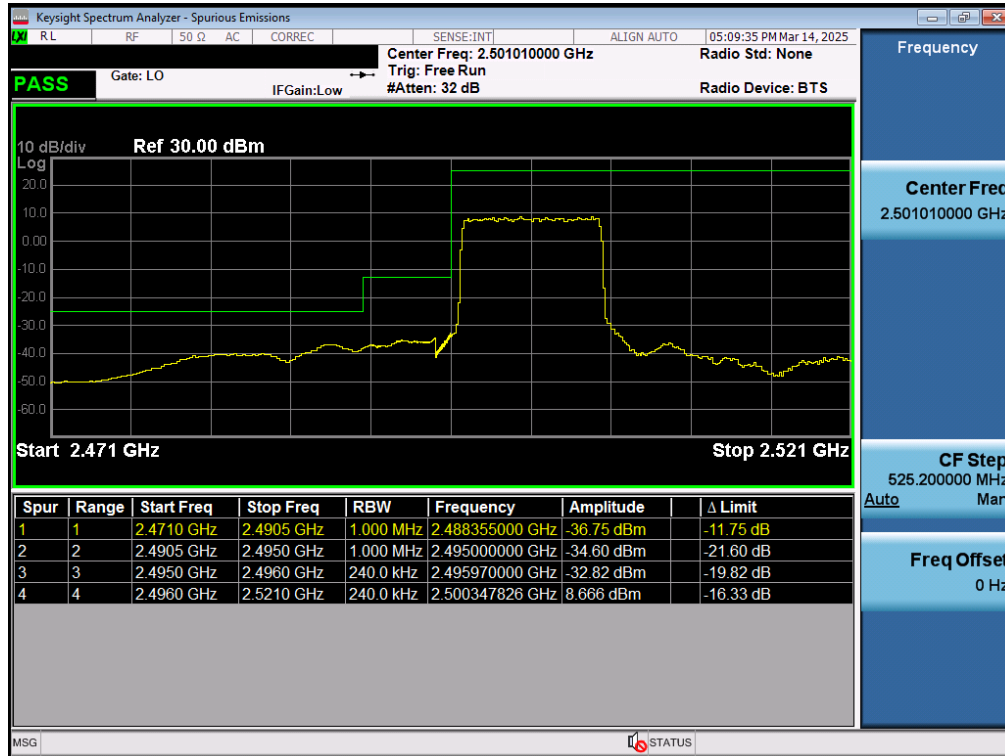


Plot 7-317. Lower ACP Plot (NR Band n41PC2 - 15MHz CP-OFDM-QPSK – Full RB - Ant1)

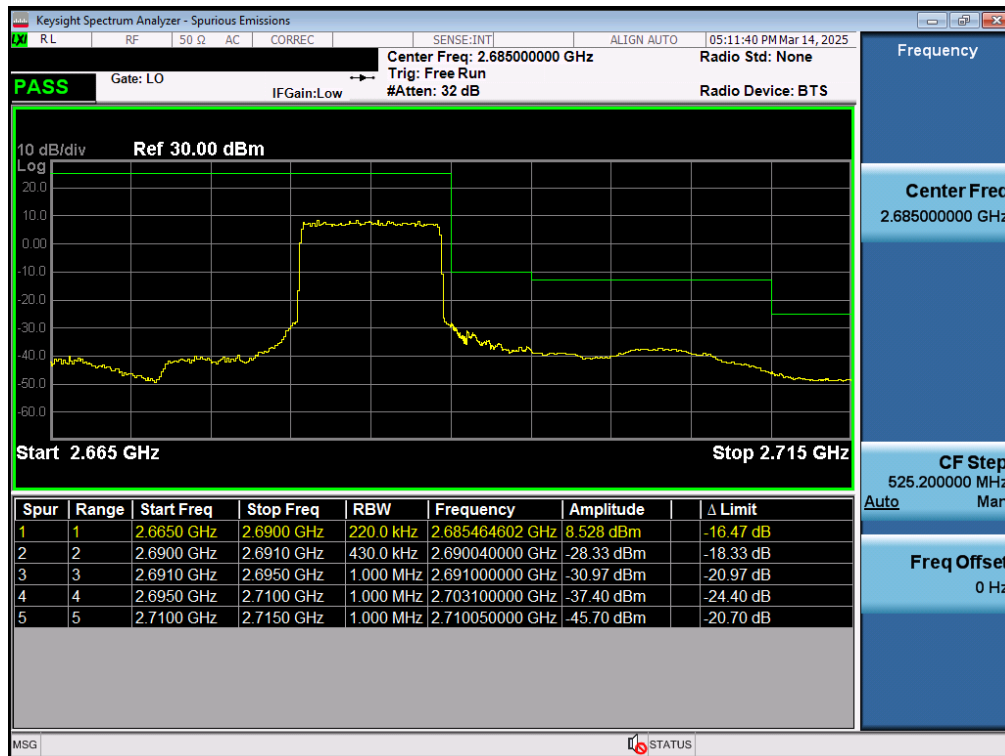


Plot 7-318. Upper ACP Plot (NR Band n41PC2 - 15MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-319. Lower ACP Plot (NR Band n41PC2 - 10MHz CP-OFDM-QPSK – Full RB - Ant1)



Plot 7-320. Upper ACP Plot (NR Band n41PC2 - 10MHz CP-OFDM-QPSK – Full RB - Ant1)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE-B41PC3	20MHz	Low	Band Edge	-29.75	-25	-4.75
		High	Band Edge	-27.64	-13	-14.64
	15MHz	Low	Band Edge	-29.59	-25	-4.59
		High	Band Edge	-23.32	-10	-13.32
	10MHz	Low	Band Edge	-28.68	-25	-3.68
		High	Band Edge	-26.71	-13	-13.71
	5MHz	Low	Band Edge	-35.60	-25	-10.60
		High	Band Edge	-22.15	-10	-12.15

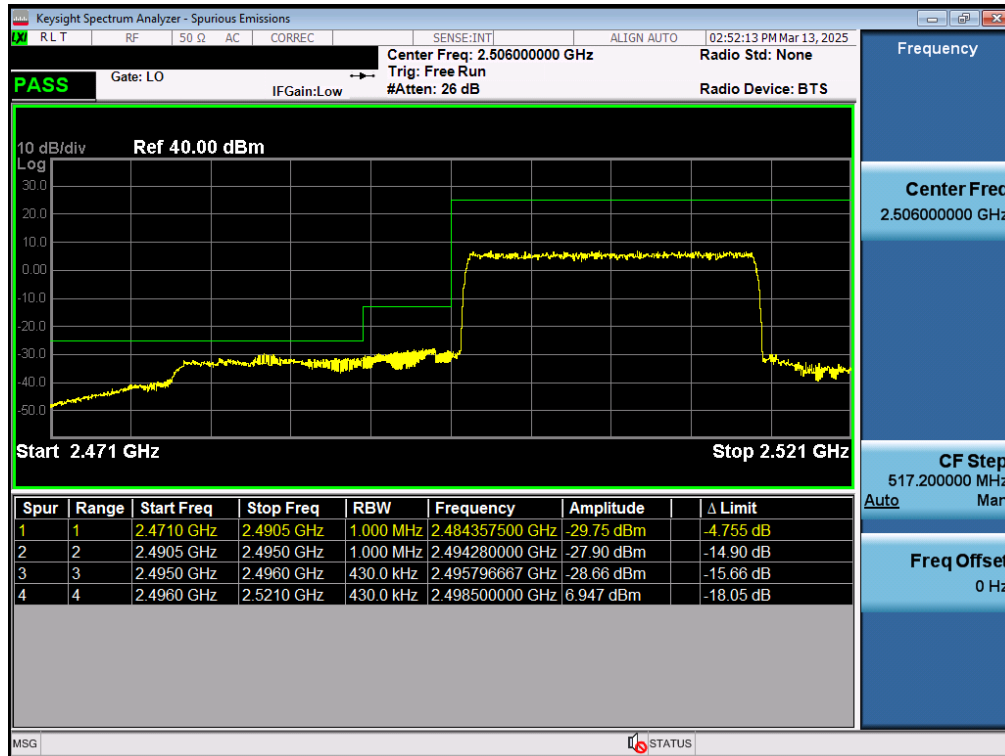
Table 7-42. Conducted Band Edge Test Results – LTE – Ant 2

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE-B41PC2	20MHz	Low	Band Edge	-30.74	-25	-5.74
		High	Band Edge	-38.34	-25	-13.34
	15MHz	Low	Band Edge	-32.02	-25	-7.02
		High	Band Edge	-37.51	-25	-12.51
	10MHz	Low	Band Edge	-30.83	-25	-5.83
		High	Band Edge	-37.16	-25	-12.16
	5MHz	Low	Band Edge	-36.42	-25	-11.42
		High	Band Edge	-15.64	-10	-5.64

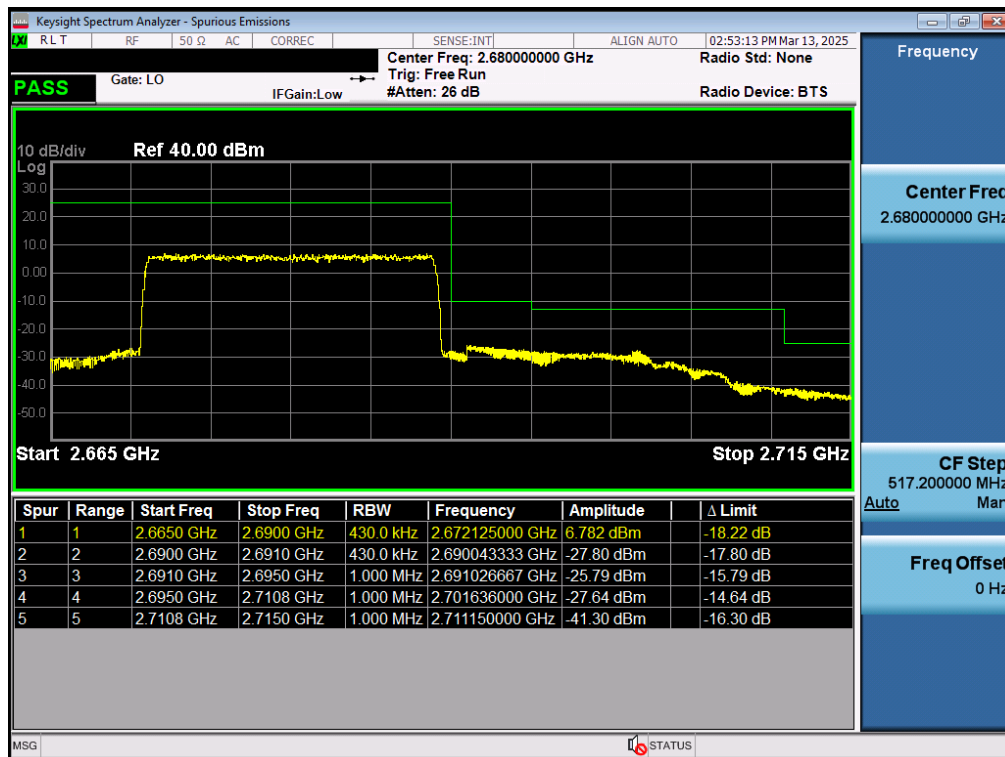
Table 7-43. Conducted Band Edge Test Results – LTE – Ant 2

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 41(PC3) – Ant2

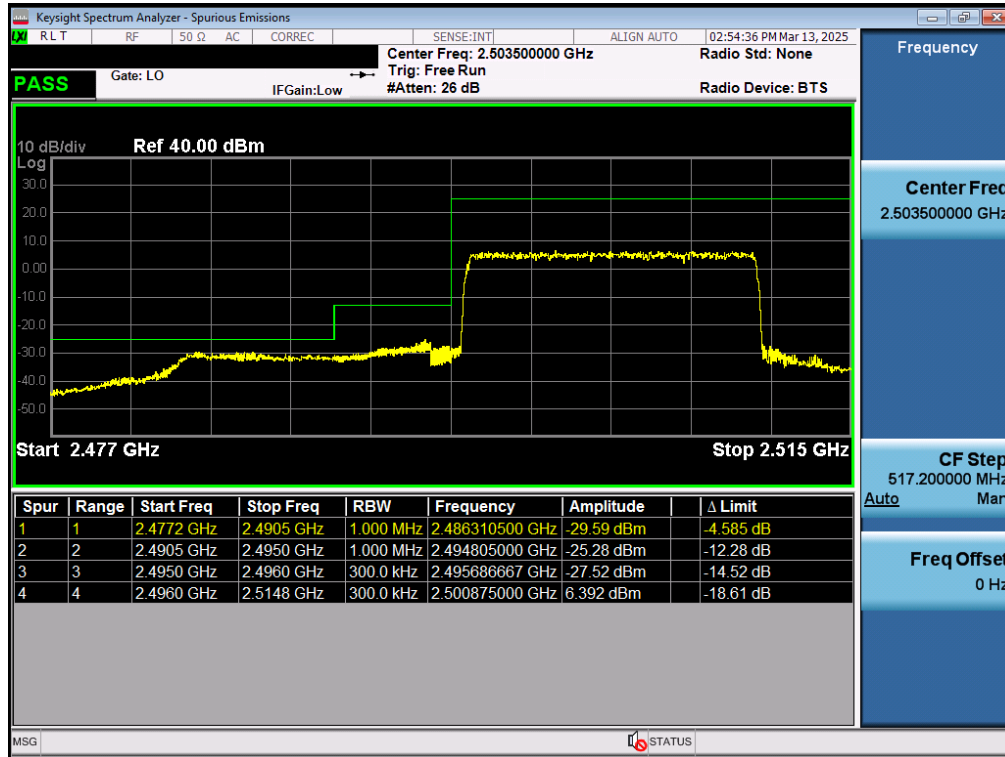


Plot 7-321. Lower ACP Plot (LTE Band 41(PC3) - 20MHz QPSK – Full RB - Ant2)

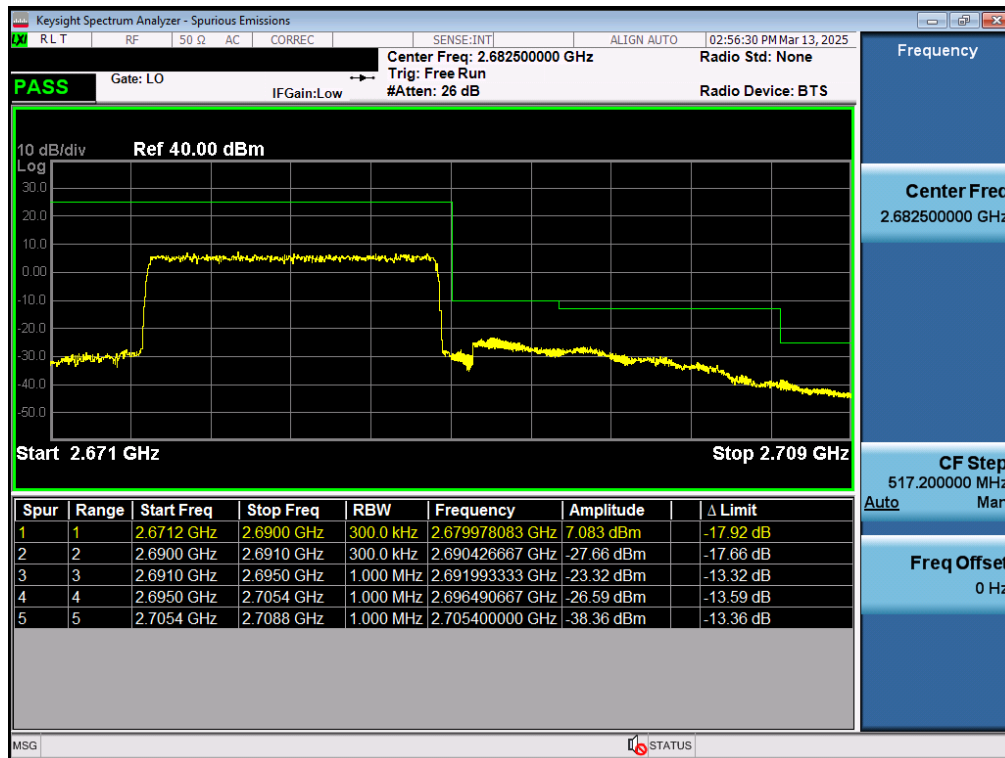


Plot 7-322. Upper ACP Plot (LTE Band 41(PC3) - 20MHz QPSK – Full RB - Ant2)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-323. Lower ACP Plot (LTE Band 41(PC3) - 15MHz QPSK – Full RB - Ant2)



Plot 7-324. Upper ACP Plot (LTE Band 41(PC3) - 15MHz QPSK – Full RB - Ant2)

FCC ID: A3LSMF966B	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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