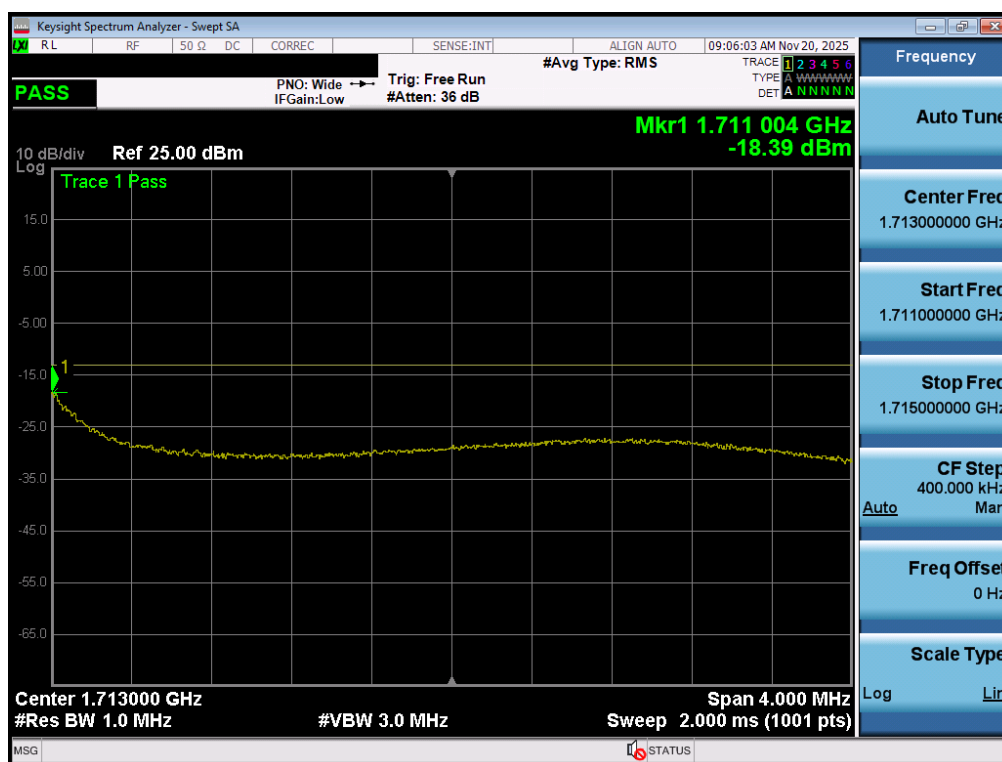




Plot 7-217. Upper Band Edge Plot (NR Band n70 – 10.0MHz - Full RB - ANT1)



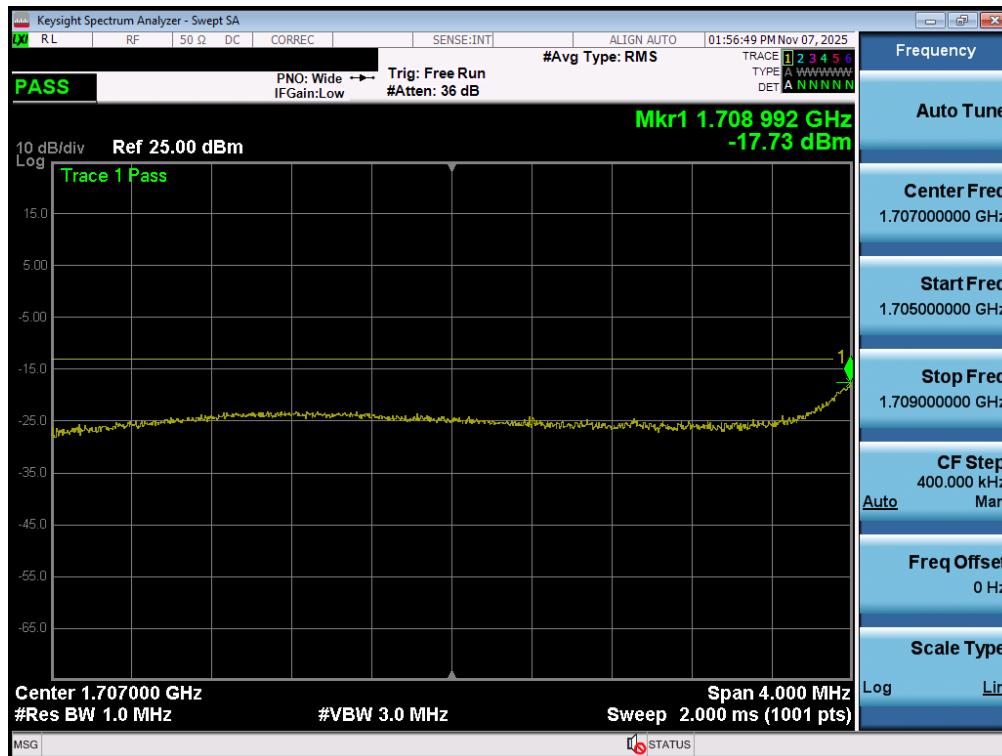
Plot 7-218. Upper Extended Band Edge Plot (NR Band n70 – 10.0MHz - Full RB - ANT1)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 159 of 255

NR Band n66 – ANT1



Plot 7-219. Lower Band Edge Plot (NR Band n66 – 10.0MHz - Full RB - ANT1)

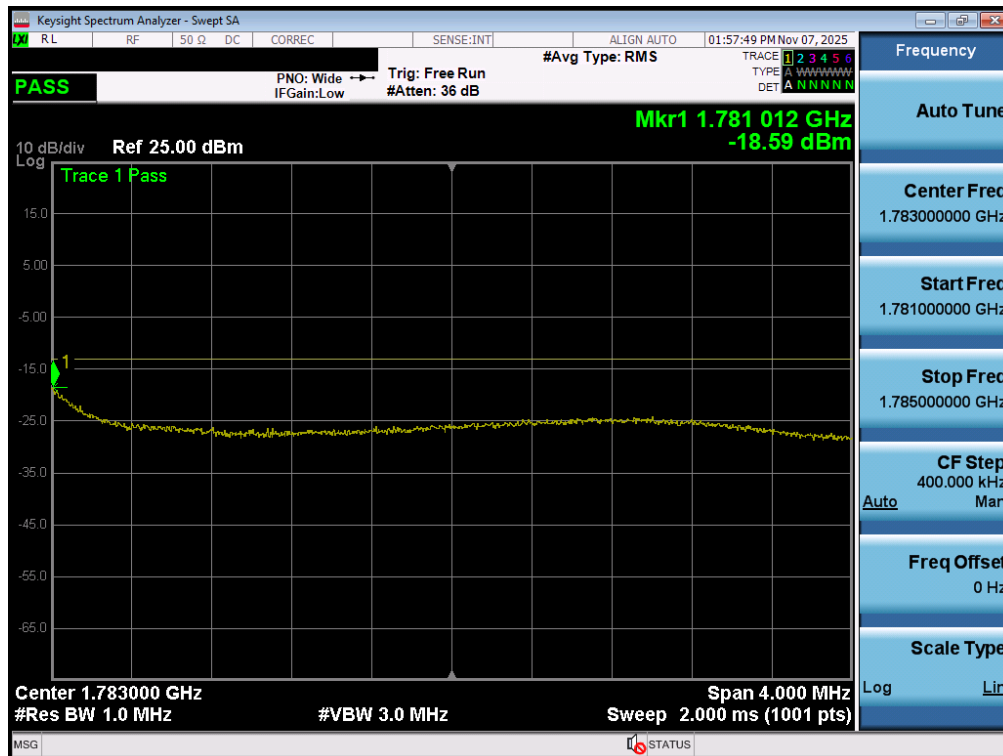


Plot 7-220. Lower Extended Band Edge Plot (NR Band n66 – 10.0MHz - Full RB - ANT1)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 160 of 255



Plot 7-221. Upper Band Edge Plot (NR Band n66 – 10.0MHz - Full RB - ANT1)



Plot 7-222. Upper Extended Band Edge Plot (NR Band n66 – 10.0MHz - Full RB - ANT1)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 161 of 255

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE Band 71	20 MHz	Low	Band Edge	-34.11	-13	-21.11
		High	Band Edge	-30.55	-13	-17.55
	15 MHz	Low	Band Edge	-30.80	-13	-17.80
		High	Band Edge	-29.73	-13	-16.73
	10 MHz	Low	Band Edge	-29.22	-13	-16.22
		High	Band Edge	-26.87	-13	-13.87
	5 MHz	Low	Band Edge	-20.88	-13	-7.88
		High	Band Edge	-21.51	-13	-8.51
LTE Band 12	10 MHz	Low	Band Edge	-26.41	-13	-13.41
		High	Band Edge	-26.69	-13	-13.69
	5 MHz	Low	Band Edge	-20.31	-13	-7.31
		High	Band Edge	-21.54	-13	-8.54
	3 MHz	Low	Band Edge	-17.56	-13	-4.56
		High	Band Edge	-17.46	-13	-4.46
	1.4 MHz	Low	Band Edge	-19.47	-13	-6.47
		High	Band Edge	-19.77	-13	-6.77
LTE Band 13	10 MHz	Low	Band Edge	-24.24	-13	-11.24
		Low	Emission Mask	-61.47	-13	-48.47
		High	Band Edge	-22.98	-13	-9.98
		High	Emission Mask	-41.16	-13	-28.16
	5 MHz	Low	Band Edge	-17.75	-13	-4.75
		Low	Emission Mask	-60.08	-13	-47.08
		High	Band Edge	-22.17	-13	-9.17
		High	Emission Mask	-53.87	-13	-40.87

Table 7-22. Conducted Band Edge Results – Ant2

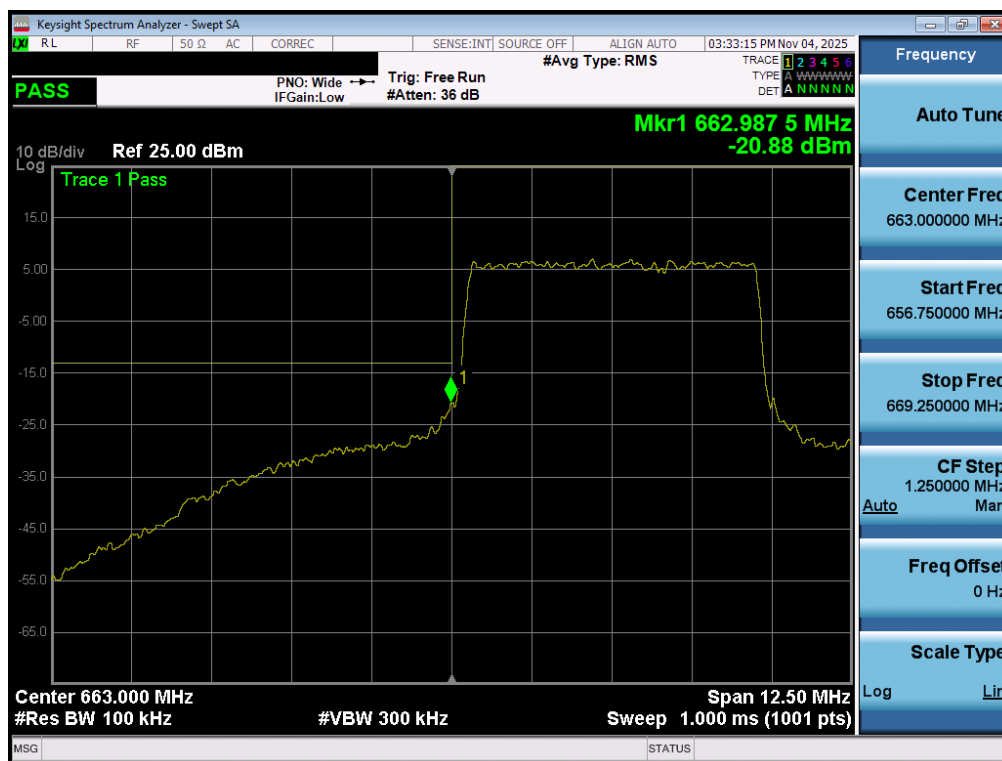
FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 162 of 255

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
LTE Band 66/4	20MHz	Low	Band Edge	-27.82	-13	-14.82
		Low	Extended	-26.34	-13	-13.34
		High (B4)	Band Edge	-27.72	-13	-14.72
		High (B4)	Extended	-27.29	-13	-14.29
		High (B66)	Band Edge	-29.66	-13	-16.66
		High (B66)	Extended	-28.01	-13	-15.01
	15MHz	Low	Band Edge	-25.35	-13	-12.35
		Low	Extended	-24.26	-13	-11.26
		High (B4)	Band Edge	-23.82	-13	-10.82
		High (B4)	Extended	-25.36	-13	-12.36
		High (B66)	Band Edge	-23.66	-13	-10.66
		High (B66)	Extended	-25.66	-13	-12.66
	10MHz	Low	Band Edge	-23.44	-13	-10.44
		Low	Extended	-21.15	-13	-8.15
		High (B4)	Band Edge	-23.86	-13	-10.86
		High (B4)	Extended	-23.67	-13	-10.67
		High (B66)	Band Edge	-25.37	-13	-12.37
		High (B66)	Extended	-22.75	-13	-9.75
	5MHz	Low	Band Edge	-20.28	-13	-7.28
		Low	Extended	-19.26	-13	-6.26
		High (B4)	Band Edge	-17.75	-13	-4.75
		High (B4)	Extended	-25.66	-13	-12.66
		High (B66)	Band Edge	-20.62	-13	-7.62
		High (B66)	Extended	-25.04	-13	-12.04
	3MHz	Low	Band Edge	-20.96	-13	-7.96
		Low	Extended	-20.26	-13	-7.26
		High (B4)	Band Edge	-20.34	-13	-7.34
		High (B4)	Extended	-24.35	-13	-11.35
		High (B66)	Band Edge	-19.71	-13	-6.71
		High (B66)	Extended	-24.25	-13	-11.25
	1.4MHz	Low	Band Edge	-21.74	-13	-8.74
		Low	Extended	-29.32	-13	-16.32
		High (B4)	Band Edge	-24.19	-13	-11.19
		High (B4)	Extended	-30.24	-13	-17.24
		High (B66)	Band Edge	-25.59	-13	-12.59
		High (B66)	Extended	-30.95	-13	-17.95

Table 7-23. Conducted Band Edge Results – Ant2

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 163 of 255

LTE Band 71 – ANT2



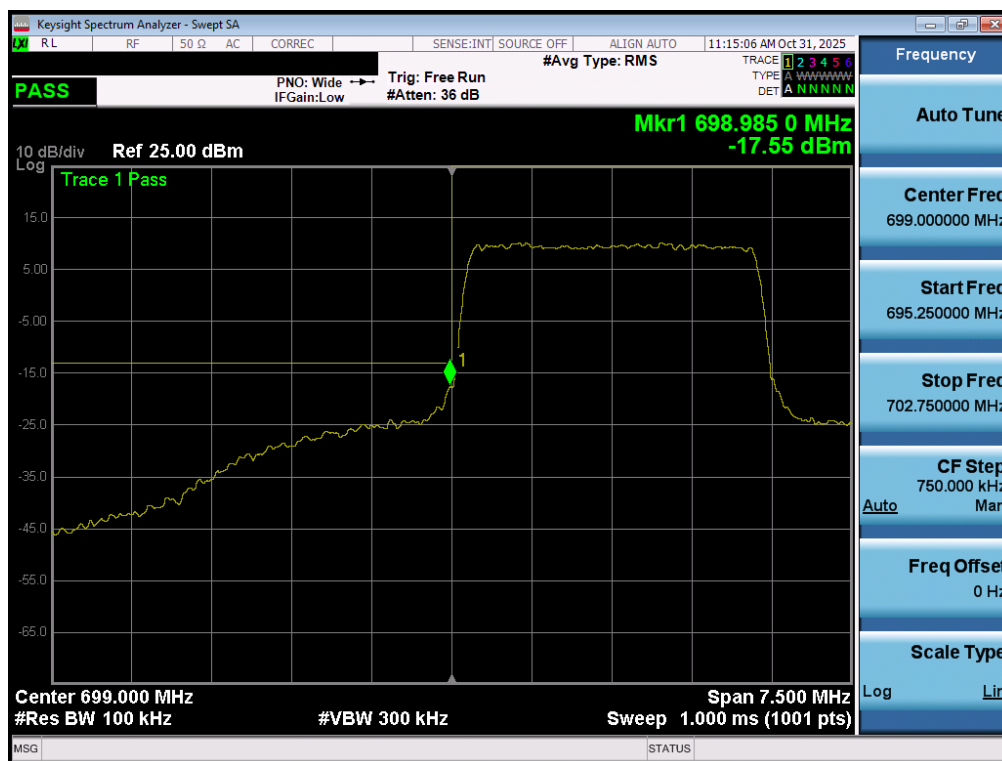
Plot 7-223. Lower Band Edge Plot (LTE Band 71 - 5MHz QPSK – Full RB - ANT2)



Plot 7-224. Upper Band Edge Plot (LTE Band 71 - 5MHz QPSK – Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 164 of 255

LTE Band 12 – ANT2



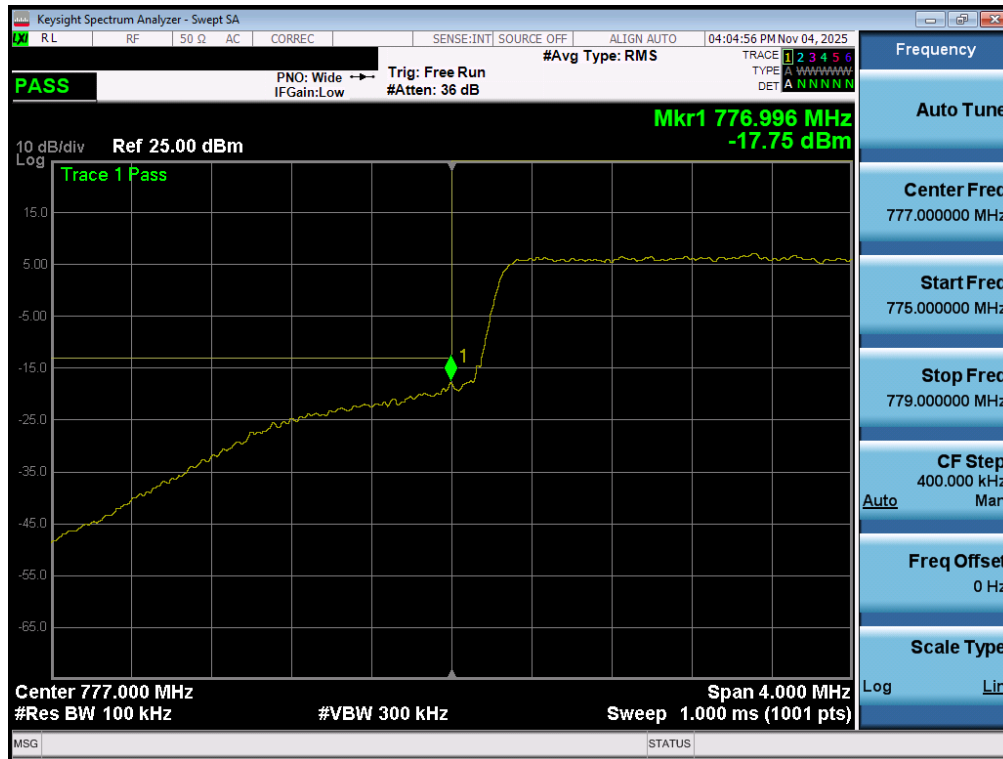
Plot 7-225. Lower Band Edge Plot (LTE Band 12 – 3MHz QPSK – Full RB - ANT2)



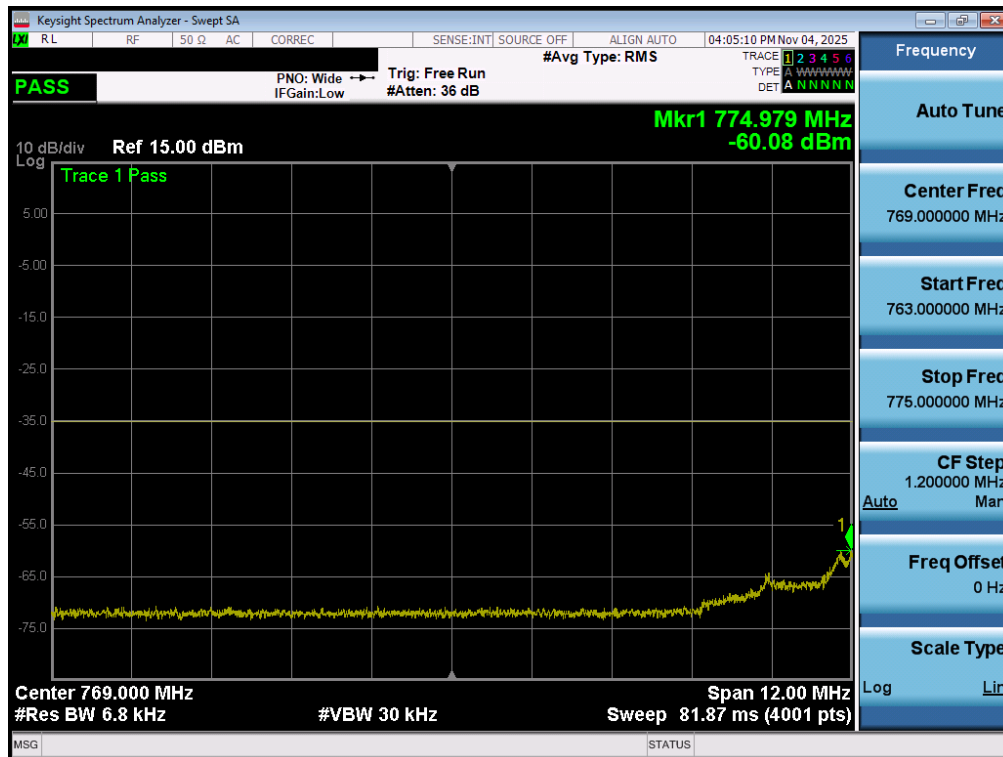
Plot 7-226. Upper Band Edge Plot (LTE Band 12 – 3MHz QPSK – Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 165 of 255

LTE Band 13 – ANT2

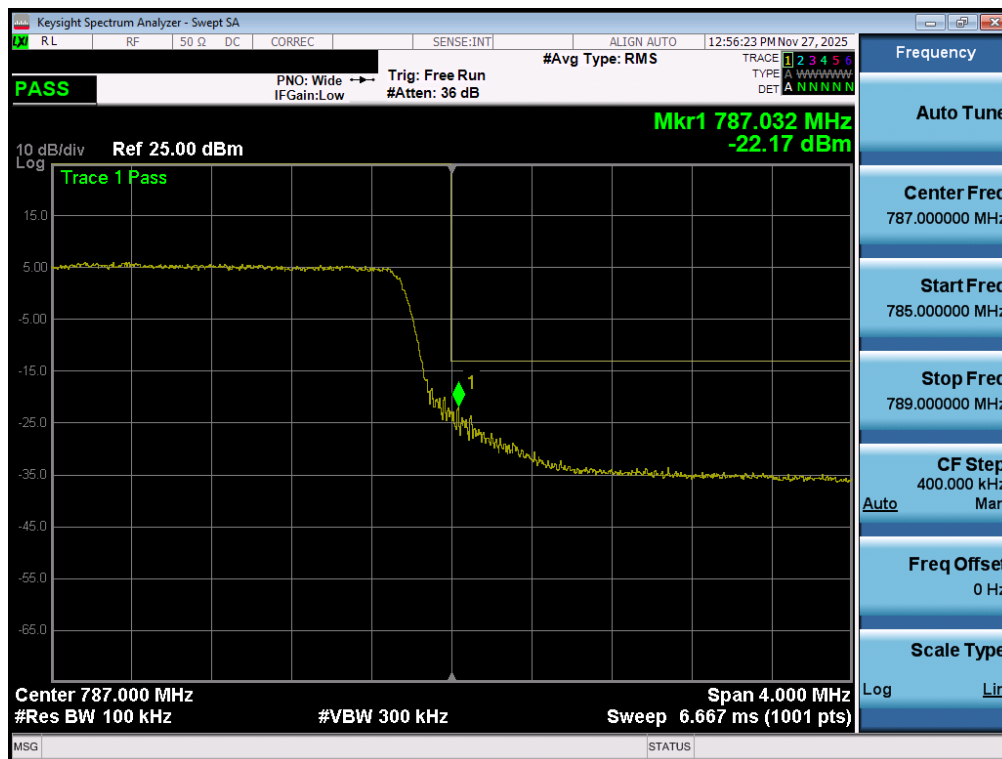


Plot 7-227. Lower Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT2)



Plot 7-228. Lower Emission Mask Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 166 of 255



Plot 7-229. Upper Band Edge Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT2)



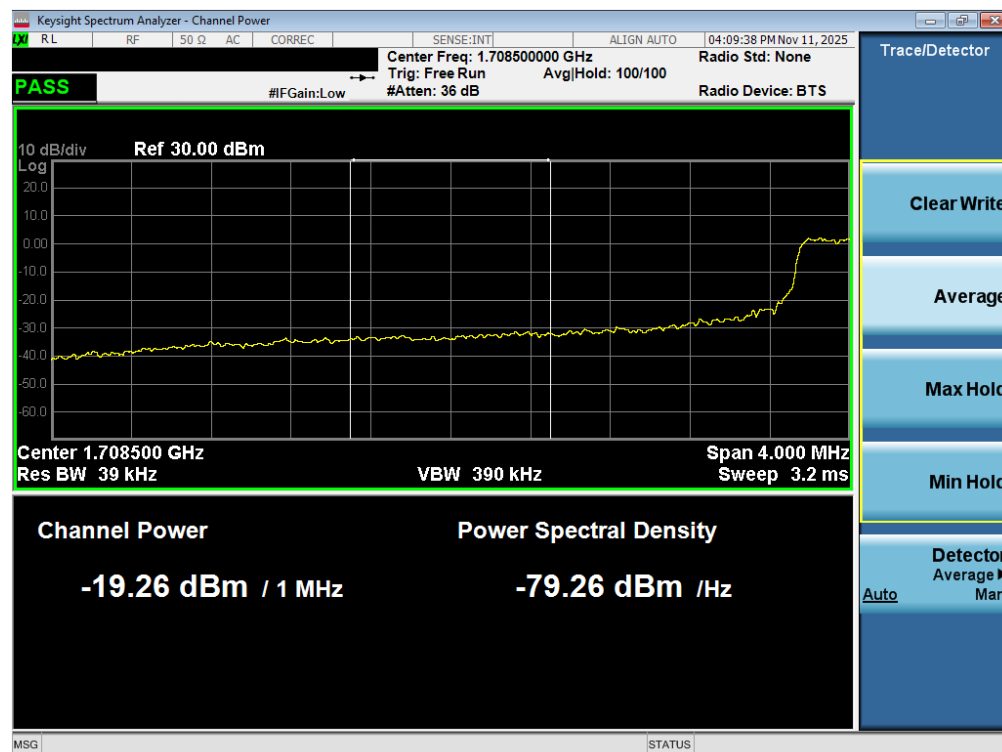
Plot 7-230. Upper Emission Mask Plot (LTE Band 13 - 5MHz QPSK – Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 167 of 255

LTE Band 66/4 – ANT2



Plot 7-231. Lower Band Edge Plot (LTE Band 66/4 – 5MHz QPSK – Full RB - ANT2)

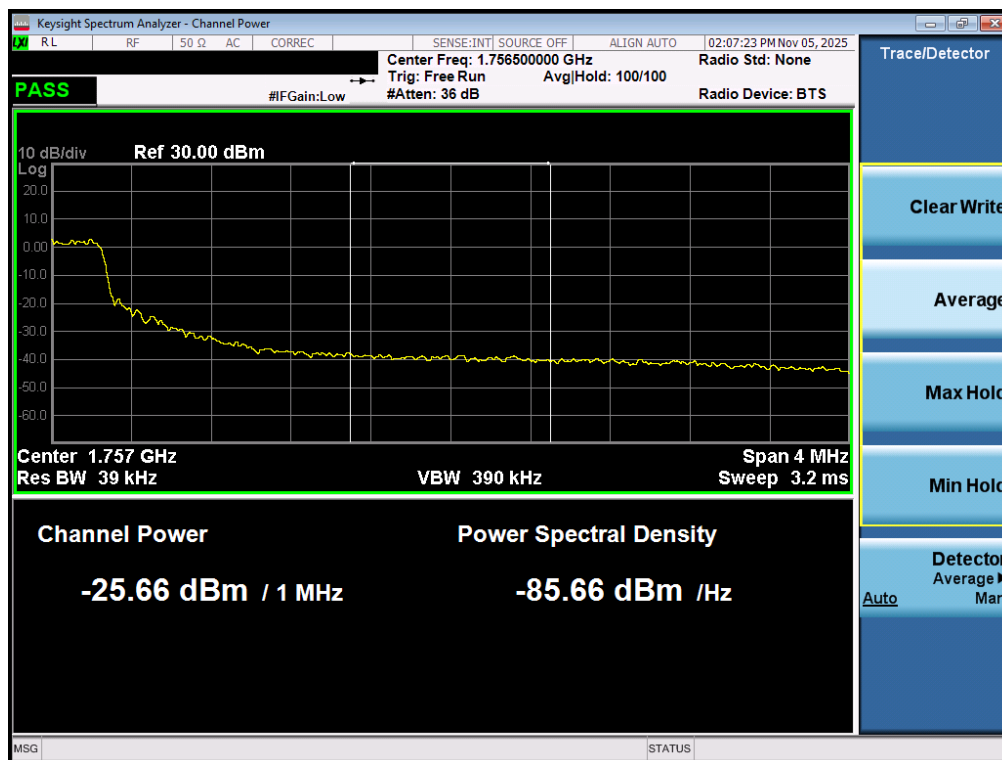


Plot 7-232. Lower Extended Band Edge Plot (LTE Band 66/4 – 5MHz QPSK – Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 168 of 255



Plot 7-233. Upper Band Edge Plot (LTE Band 4 – 5MHz QPSK – Full RB - ANT2)

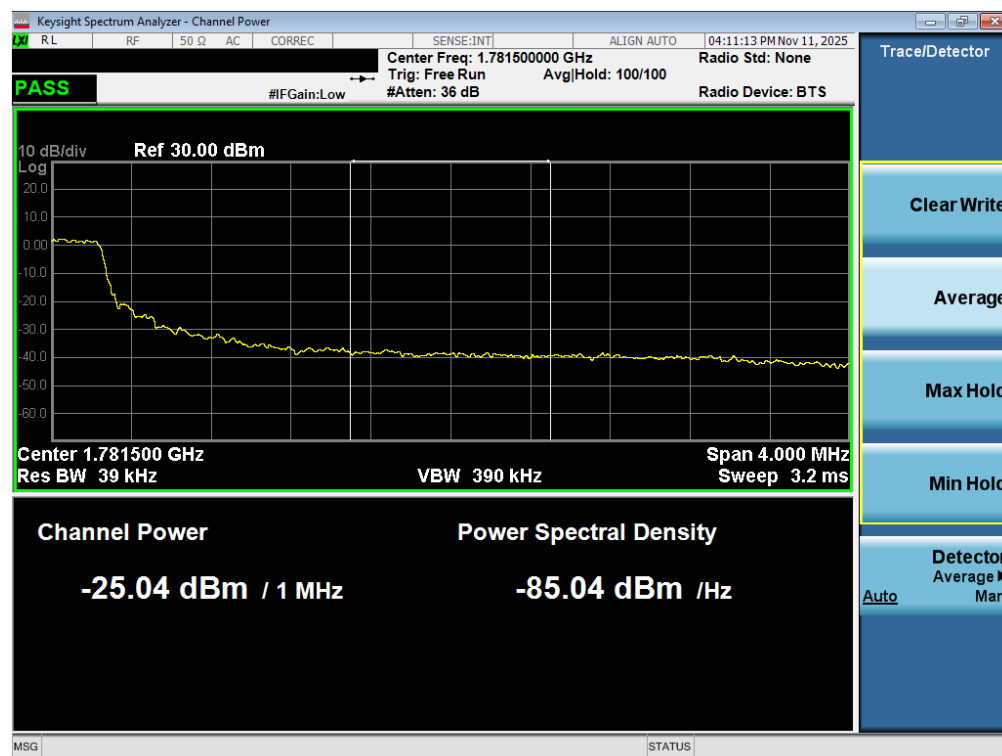


Plot 7-234. Upper Extended Band Edge Plot (LTE Band 4 – 5MHz QPSK – Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 169 of 255



Plot 7-235. Upper Band Edge Plot (LTE Band 66 – 5MHz QPSK – Full RB - ANT2)



Plot 7-236. Upper Extended Band Edge Plot (LTE Band 66 – 5MHz QPSK – Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 170 of 255

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR Band n71	20 MHz	Low	Band Edge	-30.09	-13	-17.09
		High	Band Edge	-28.15	-13	-15.15
	15 MHz	Low	Band Edge	-30.42	-13	-17.42
		High	Band Edge	-30.79	-13	-17.79
	10 MHz	Low	Band Edge	-27.13	-13	-14.13
		High	Band Edge	-29.18	-13	-16.18
	5 MHz	Low	Band Edge	-22.44	-13	-9.44
		High	Band Edge	-21.94	-13	-8.94
NR Band n70	15 MHz	Low	Band Edge	-28.28	-13	-15.28
		Low	Extended	-23.33	-13	-10.33
		High	Band Edge	-25.11	-13	-12.11
		High	Extended	-22.14	-13	-9.14
	10 MHz	Low	Band Edge	-25.69	-13	-12.69
		Low	Extended	-18.70	-13	-5.70
		High	Band Edge	-24.86	-13	-11.86
		High	Extended	-17.84	-13	-4.84
	5 MHz	Low	Band Edge	-23.37	-13	-10.37
		Low	Extended	-27.74	-13	-14.74
		High	Band Edge	-23.84	-13	-10.84
		High	Extended	-25.79	-13	-12.79

Table 7-24. Conducted Band Edge Results – Ant2

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 171 of 255

Mode	Bandwidth	Channel	Test Case	Level [dBm]	Limit [dBm]	Margin [dB]
NR Band n66	40 MHz	Low	Band Edge	-24.87	-13	-11.87
		Low	Extended	-24.99	-13	-11.99
		High	Band Edge	-21.45	-13	-8.45
		High	Extended	-25.05	-13	-12.05
	30 MHz	Low	Band Edge	-24.29	-13	-11.29
		Low	Extended	-23.08	-13	-10.08
		High	Band Edge	-22.96	-13	-9.96
		High	Extended	-24.73	-13	-11.73
	25 MHz	Low	Band Edge	-26.16	-13	-13.16
		Low	Extended	-22.14	-13	-9.14
		High	Band Edge	-25.59	-13	-12.59
		High	Extended	-25.15	-13	-12.15
	20 MHz	Low	Band Edge	-23.94	-13	-10.94
		Low	Extended	-19.77	-13	-6.77
		High	Band Edge	-24.82	-13	-11.82
		High	Extended	-23.39	-13	-10.39
	15 MHz	Low	Band Edge	-24.90	-13	-11.90
		Low	Extended	-18.35	-13	-5.35
		High	Band Edge	-25.79	-13	-12.79
		High	Extended	-21.56	-13	-8.56
	10 MHz	Low	Band Edge	-22.00	-13	-9.00
		Low	Extended	-15.32	-13	-2.32
		High	Band Edge	-24.38	-13	-11.38
		High	Extended	-18.56	-13	-5.56
	5 MHz	Low	Band Edge	-22.54	-13	-9.54
		Low	Extended	-15.65	-13	-2.65
		High	Band Edge	-24.00	-13	-11.00
		High	Extended	-24.79	-13	-11.79

Table 7-25. Conducted Band Edge Results – Ant2

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 172 of 255

NR Band n71 – ANT2



Plot 7-237. Lower Band Edge Plot (NR Band n71 – 5.0MHz - Full RB - ANT2)



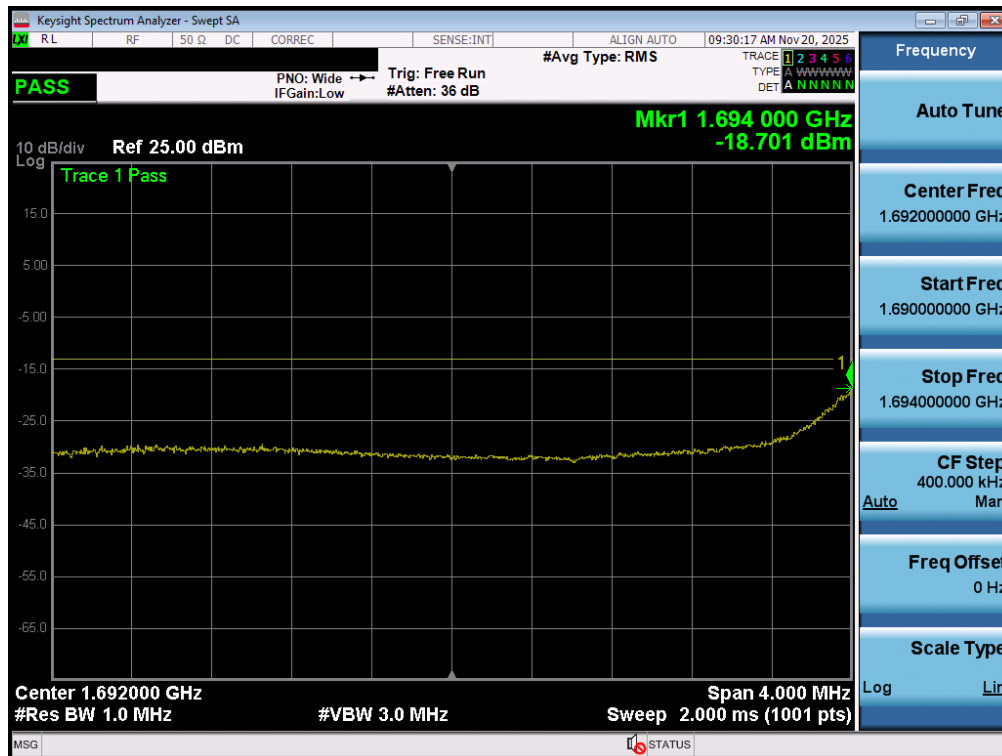
Plot 7-238. Upper Band Edge Plot (NR Band n71 – 5.0MHz - Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 173 of 255

NR Band n70 – ANT2



Plot 7-239. Lower Band Edge Plot (NR Band n70 – 10.0MHz - Full RB - ANT2)

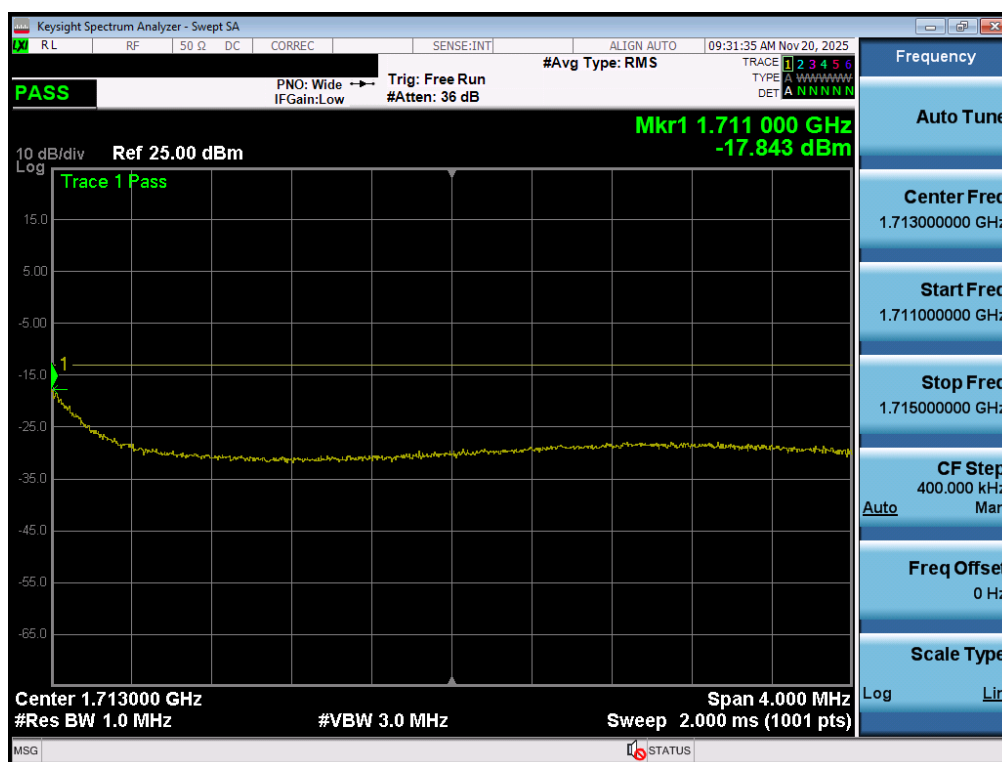


Plot 7-240. Lower Extended Band Edge Plot (NR Band n70 – 10.0MHz - Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 174 of 255



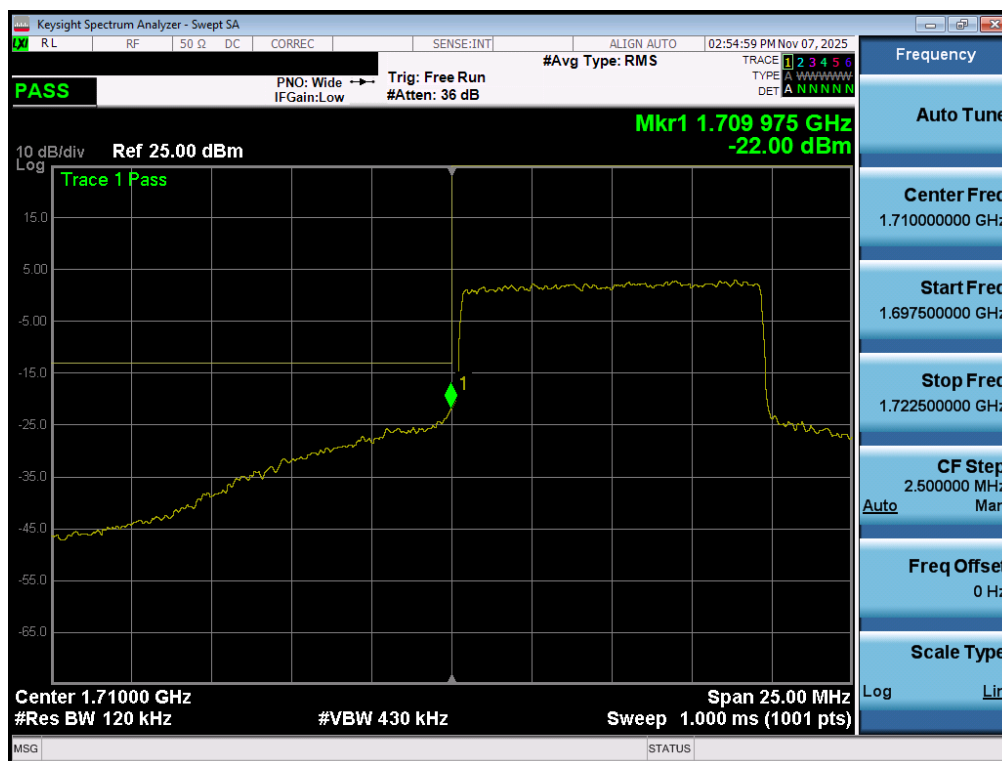
Plot 7-241. Upper Band Edge Plot (NR Band n70 – 10.0MHz - Full RB - ANT2)



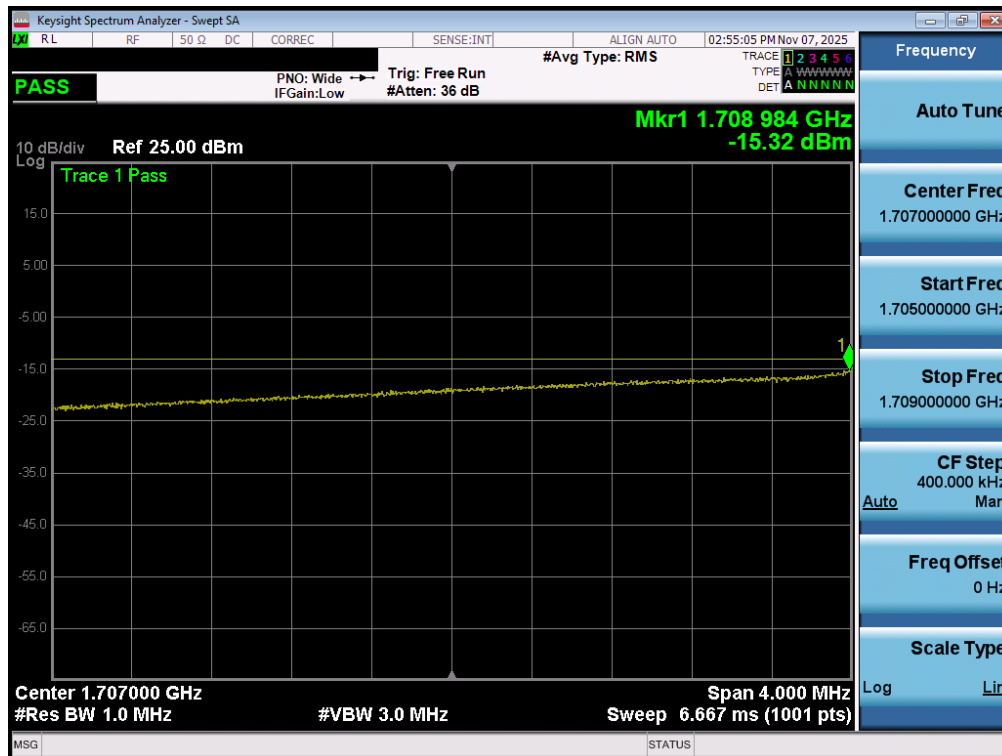
Plot 7-242. Upper Extended Band Edge Plot (NR Band n70 – 10.0MHz - Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 175 of 255

NR Band n66 – ANT2



Plot 7-243. Lower Band Edge Plot (NR Band n66 – 10.0MHz - Full RB - ANT2)

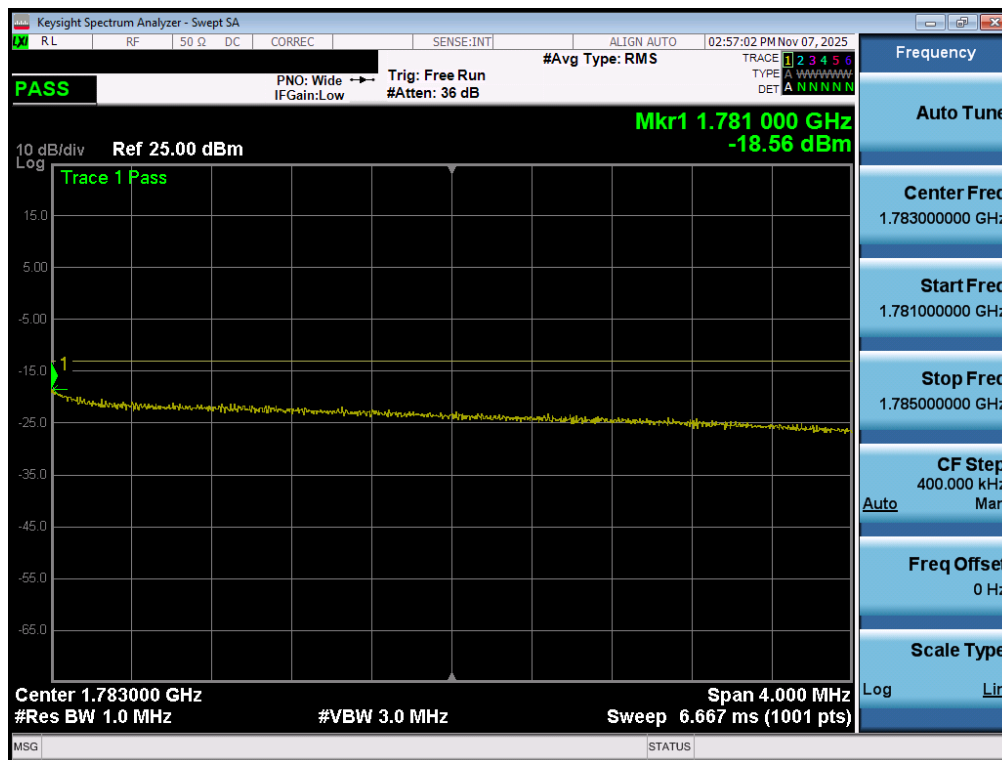


Plot 7-244. Lower Extended Band Edge Plot (NR Band n66 – 10.0MHz - Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 176 of 255



Plot 7-245. Upper Band Edge Plot (NR Band n66 – 10.0MHz - Full RB - ANT2)



Plot 7-246. Upper Extended Band Edge Plot (NR Band n66 – 10.0MHz - Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2-A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 177 of 255

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.

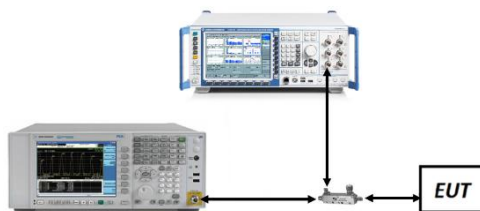


Figure 7-5. Test Instrument & Measurement Setup

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: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 178 of 255

Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
WCDMA-AWS	5MHz	GMSK	22.86	3.00	13	-10.00
LTE-B66-4	20MHz	QPSK	21.87	6.17	13	-6.83
		256QAM	17.78	6.38	13	-6.62
	15MHz	QPSK	21.92	6.25	13	-6.75
		256QAM	17.63	6.35	13	-6.65
	10MHz	QPSK	21.86	6.33	13	-6.67
		256QAM	17.68	6.33	13	-6.67
	5MHz	QPSK	21.83	6.25	13	-6.75
		256QAM	17.74	6.33	13	-6.67
	3MHz	QPSK	21.81	6.31	13	-6.69
		256QAM	17.74	6.35	13	-6.65
	1.4MHz	QPSK	21.77	6.41	13	-6.59
		256QAM	17.61	6.47	13	-6.53

Table 7-26. Peak-Average Ratio Results – Ant1

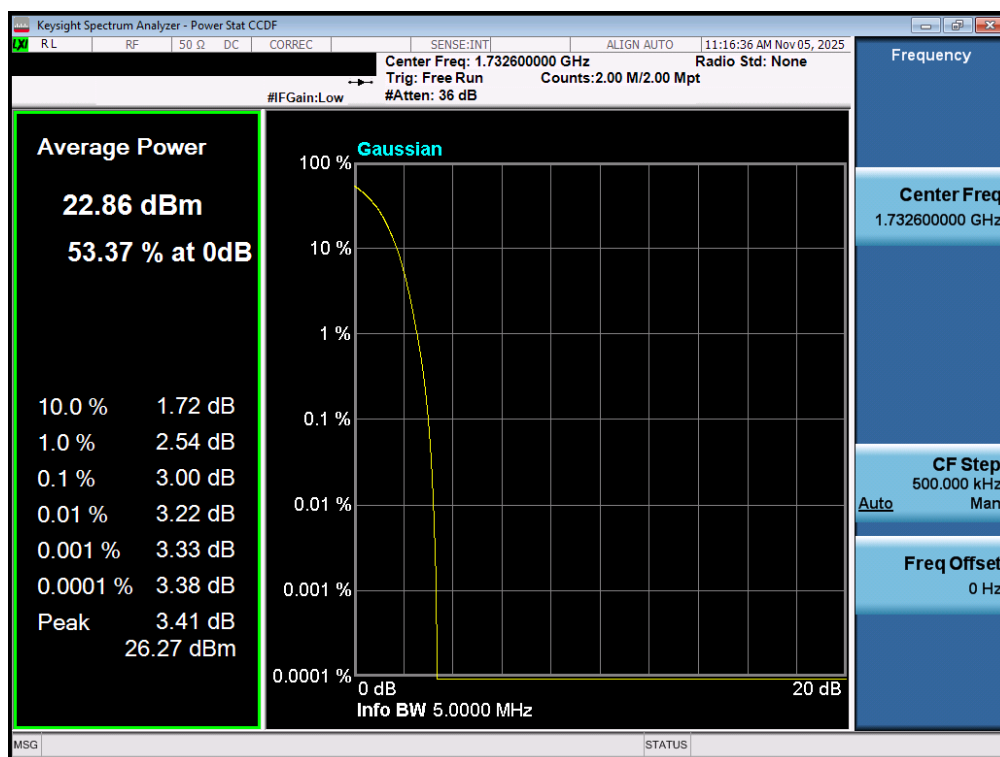
FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 179 of 255

Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
NR-n70	15MHz	$\pi/2$ BPSK	23.01	4.31	13	-8.69
		QPSK	20.50	7.61	13	-5.39
		256QAM	16.96	8.20	13	-4.80
	10MHz	$\pi/2$ BPSK	23.01	4.41	13	-8.59
		QPSK	20.20	8.05	13	-4.95
		256QAM	16.99	8.40	13	-4.60
	5MHz	$\pi/2$ BPSK	23.02	4.39	13	-8.61
		QPSK	20.41	7.80	13	-5.20
		256QAM	16.95	8.40	13	-4.60
NR-n66	40MHz	$\pi/2$ BPSK	22.46	5.24	13	-7.76
		QPSK	19.88	8.22	13	-4.78
		256QAM	16.35	8.15	13	-4.85
	30MHz	$\pi/2$ BPSK	22.51	4.34	13	-8.66
		QPSK	19.90	8.21	13	-4.79
		256QAM	16.38	8.04	13	-4.96
	25MHz	$\pi/2$ BPSK	22.55	4.75	13	-8.25
		QPSK	19.98	8.18	13	-4.82
		256QAM	16.48	8.16	13	-4.84
	20MHz	$\pi/2$ BPSK	22.57	4.43	13	-8.57
		QPSK	19.99	8.22	13	-4.78
		256QAM	16.47	8.03	13	-4.97
	15MHz	$\pi/2$ BPSK	22.56	4.55	13	-8.45
		QPSK	20.01	8.18	13	-4.82
		256QAM	16.51	8.04	13	-4.96
	10MHz	$\pi/2$ BPSK	22.56	4.55	13	-8.45
		QPSK	20.00	8.20	13	-4.80
		256QAM	16.50	8.05	13	-4.95
	5MHz	$\pi/2$ BPSK	22.54	4.57	13	-8.43
		QPSK	19.98	8.25	13	-4.75
		256QAM	16.45	8.06	13	-4.94

Table 7-27. Peak-Average Ratio Results – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 180 of 255

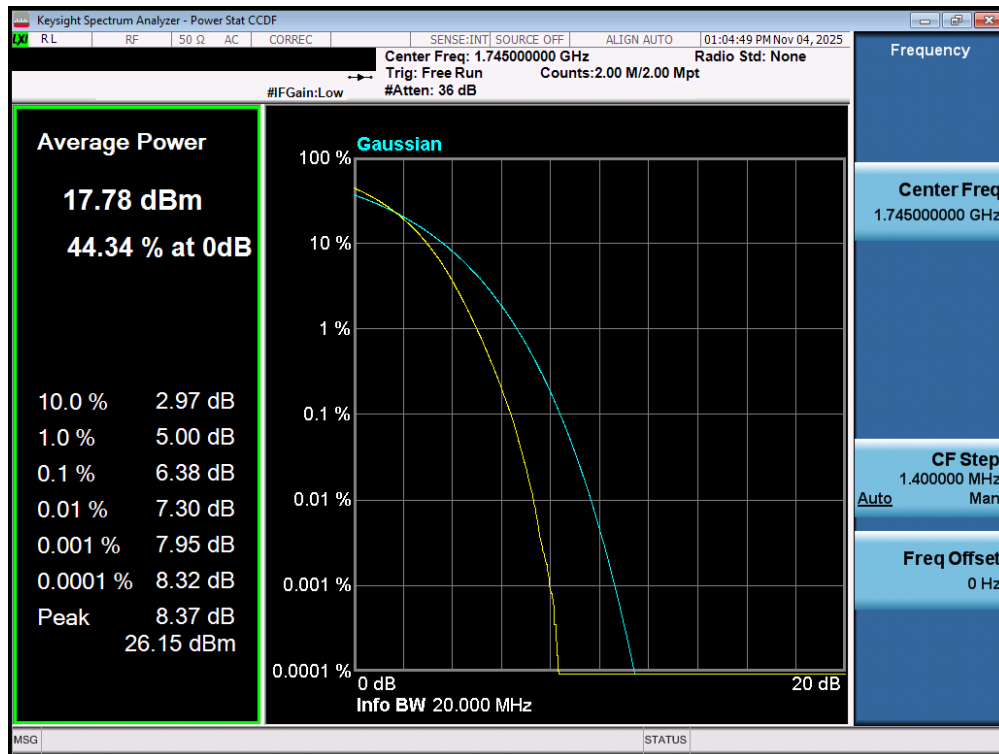
WCDMA AWS – ANT1



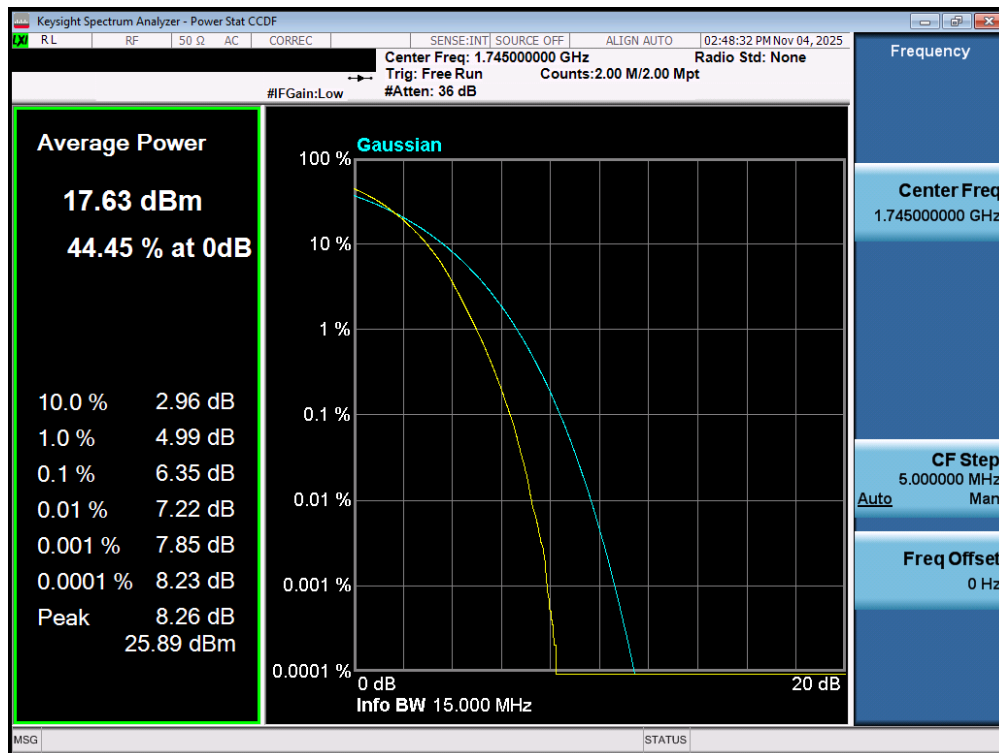
Plot 7-247. PAR Plot (WCDMA, Ch. 1413 – ANT1)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 181 of 255

LTE Band 66/4 – ANT1

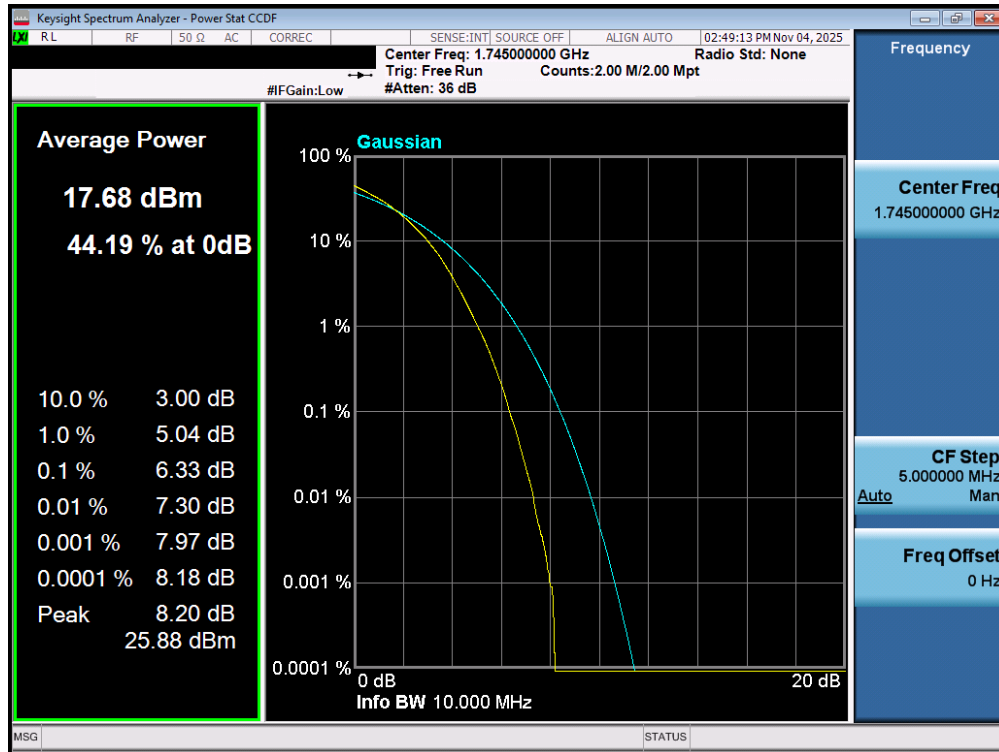


Plot 7-248. PAR Plot (LTE Band 66/4 - 20MHz 256-QAM - Full RB - ANT1)

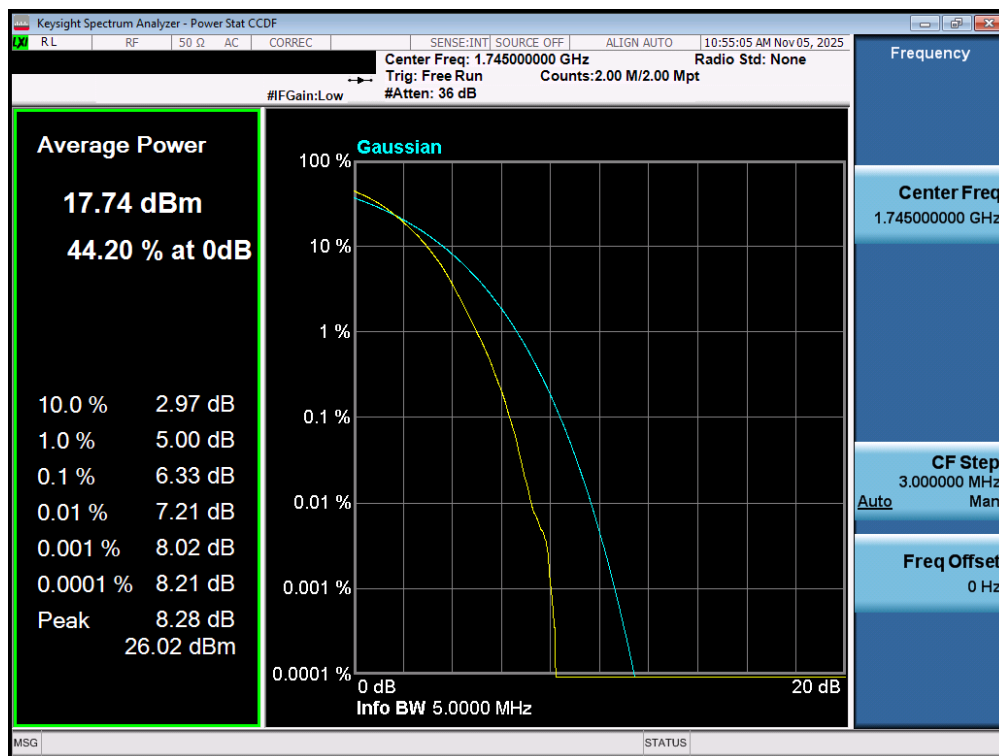


Plot 7-249. PAR Plot (LTE Band 66/4 - 15MHz 256-QAM - Full RB - ANT1)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 182 of 255

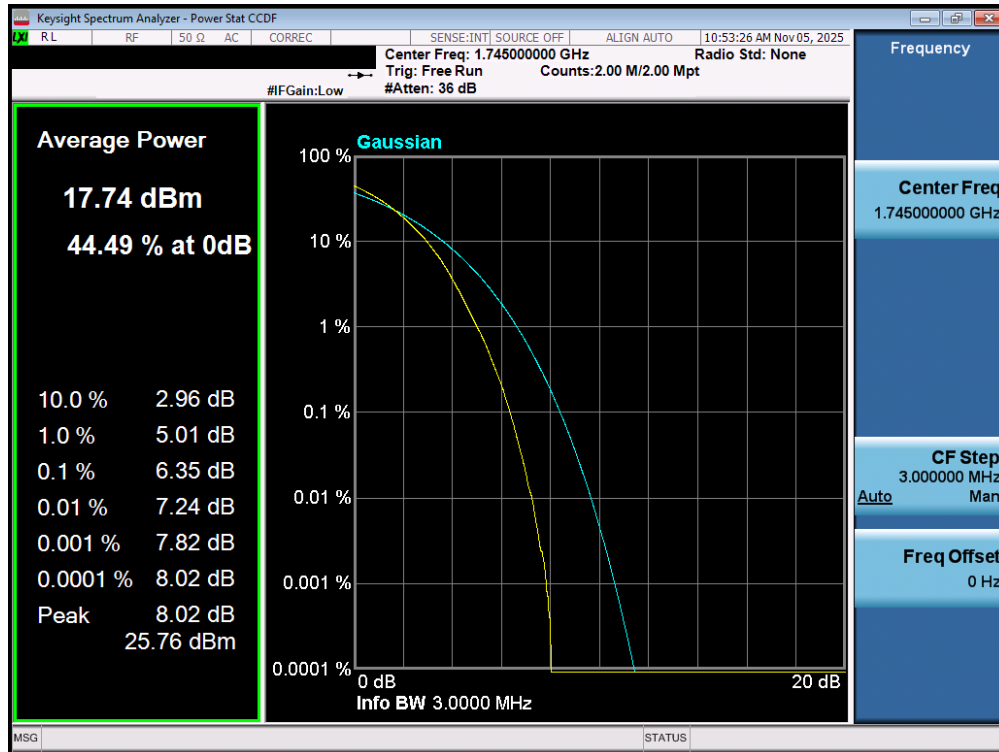


Plot 7-250. PAR Plot (LTE Band 66/4 - 10MHz 256-QAM - Full RB - ANT1)

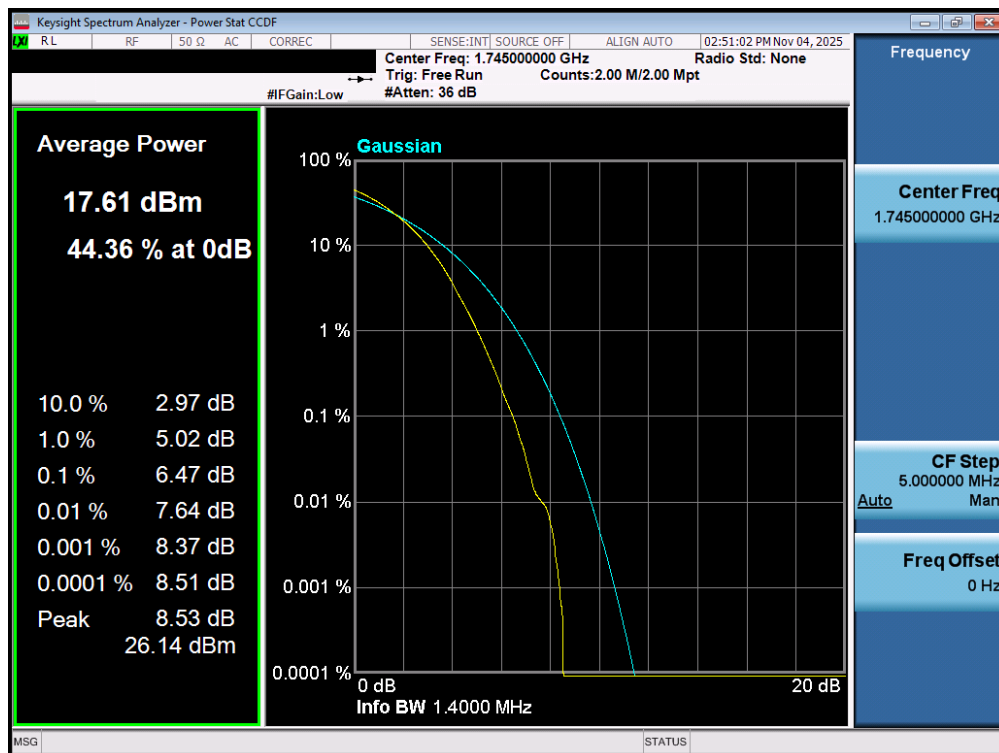


Plot 7-251. PAR Plot (LTE Band 66/4 - 5MHz 256-QAM - Full RB - ANT1)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 183 of 255



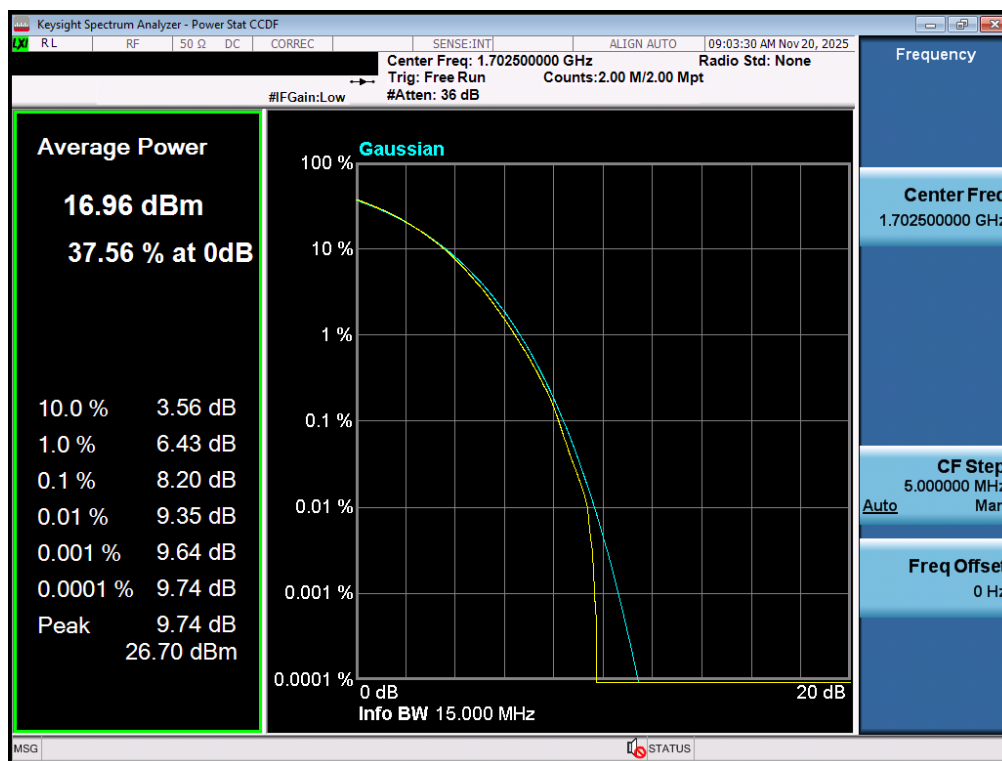
Plot 7-252. PAR Plot (LTE Band 66/4 - 3MHz 256-QAM - Full RB - ANT1)



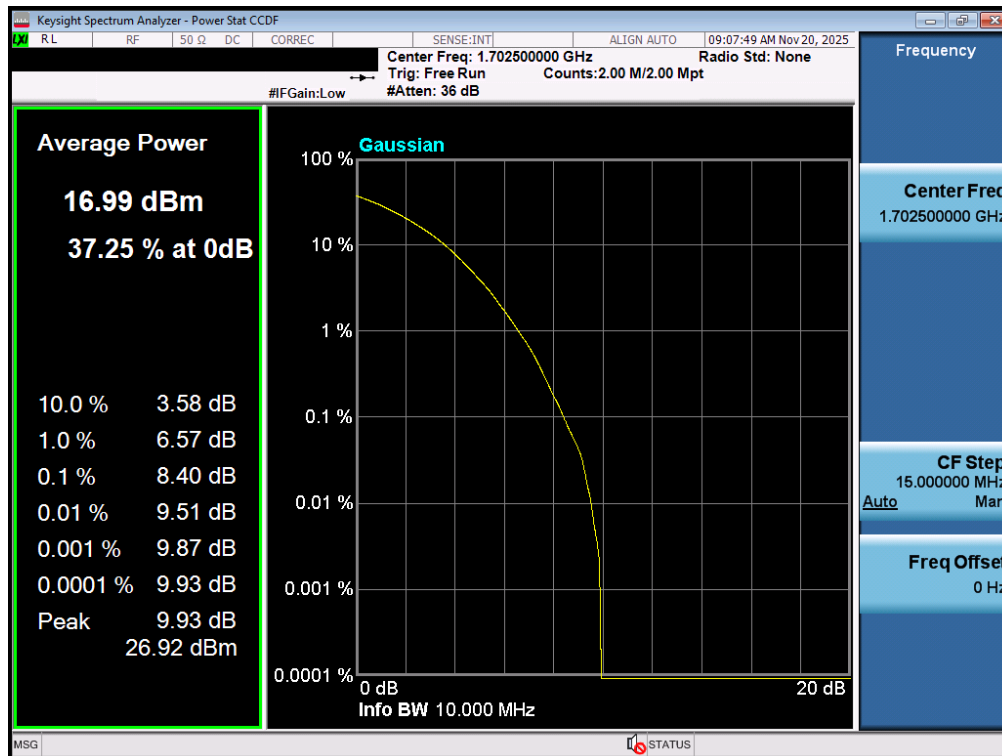
Plot 7-253. PAR Plot (LTE Band 66/4 - 1.4MHz 256-QAM - Full RB - ANT1)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 184 of 255

NR Band n70 – ANT1

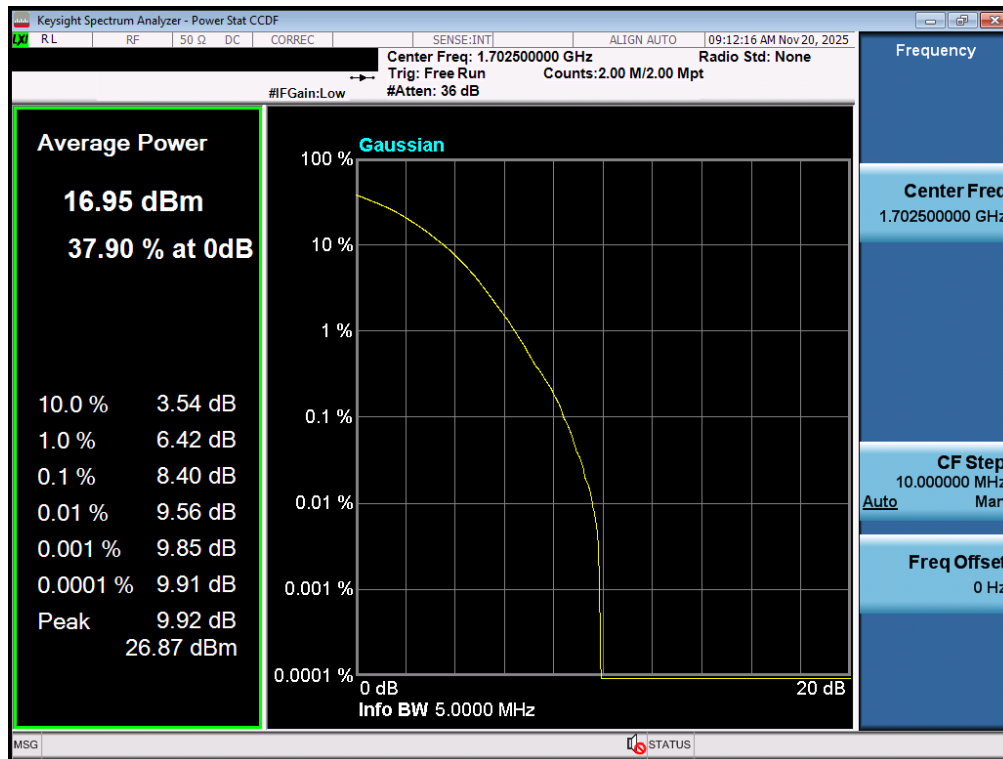


Plot 7-254. PAR Plot (NR Band n70 - 15.0MHz CP-OFDM 256-QAM - Full RB - ANT1)



Plot 7-255. PAR Plot (NR Band n70 - 10.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

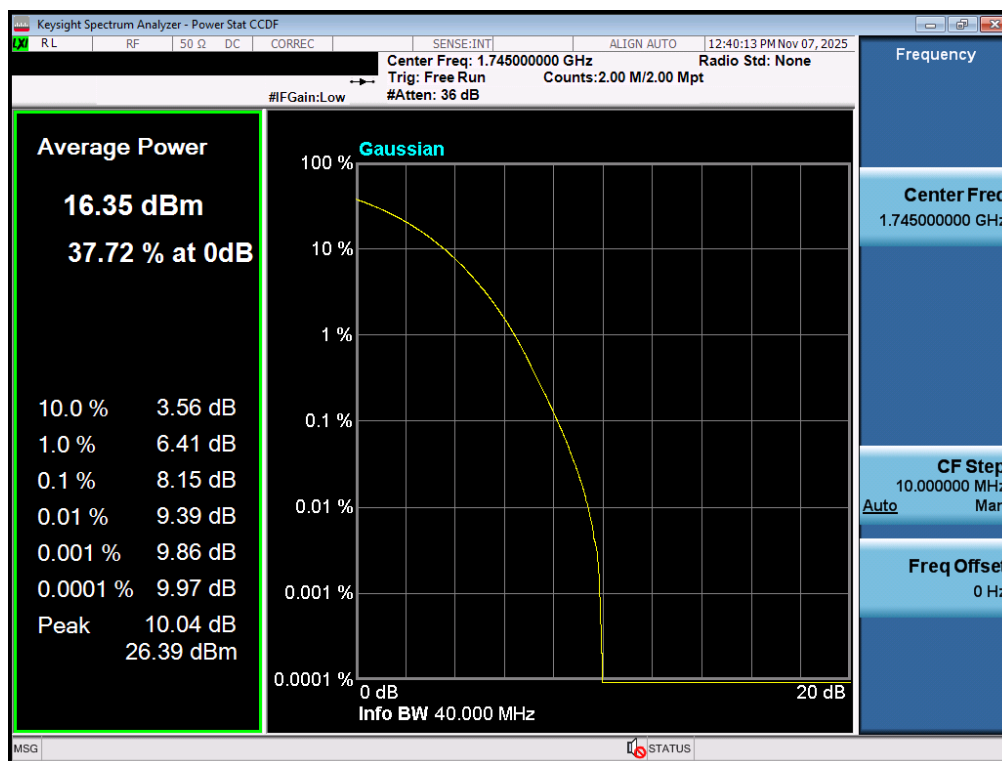
FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 185 of 255



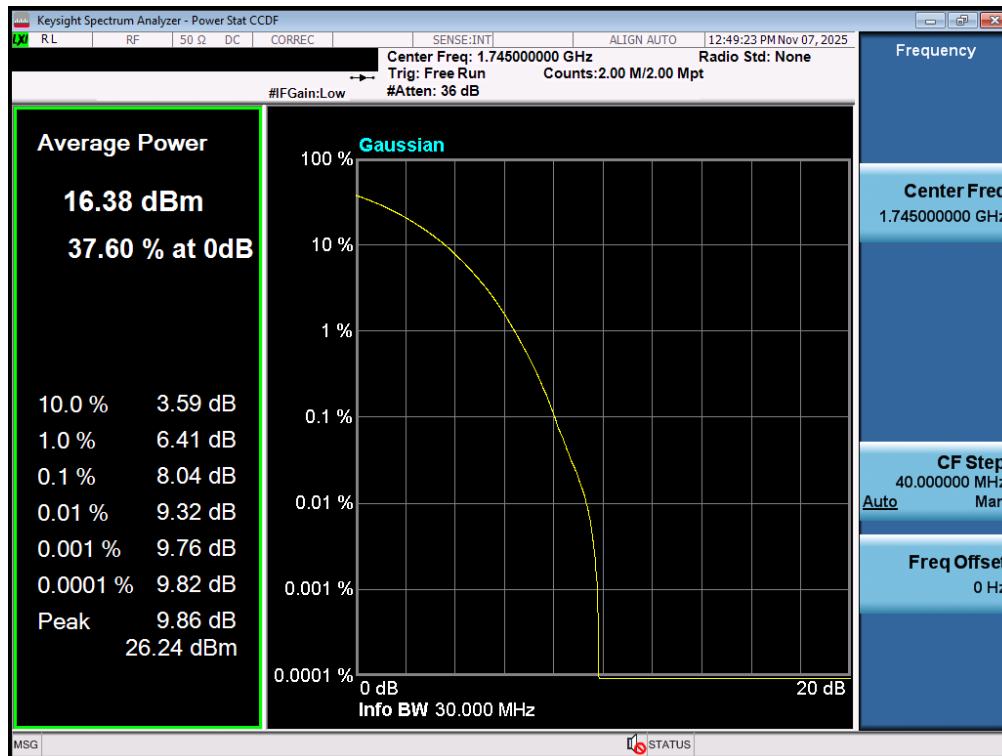
Plot 7-256. PAR Plot (NR Band n70 - 5.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 186 of 255

NR Band n66 – ANT1

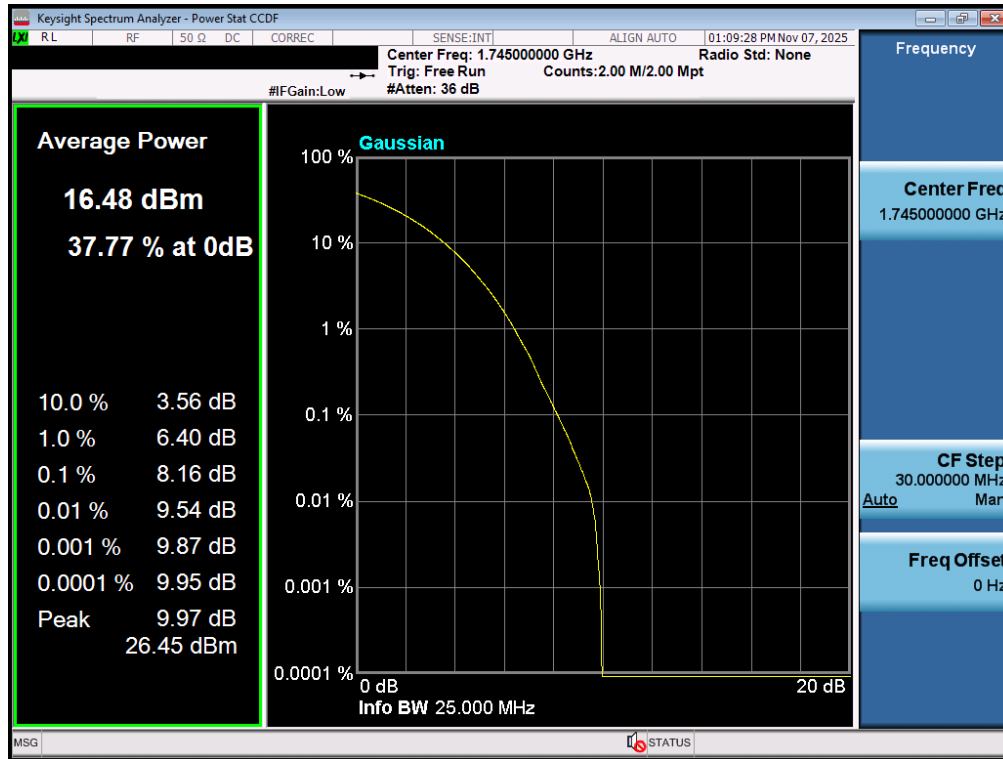


Plot 7-257. PAR Plot (NR Band n66 - 40.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

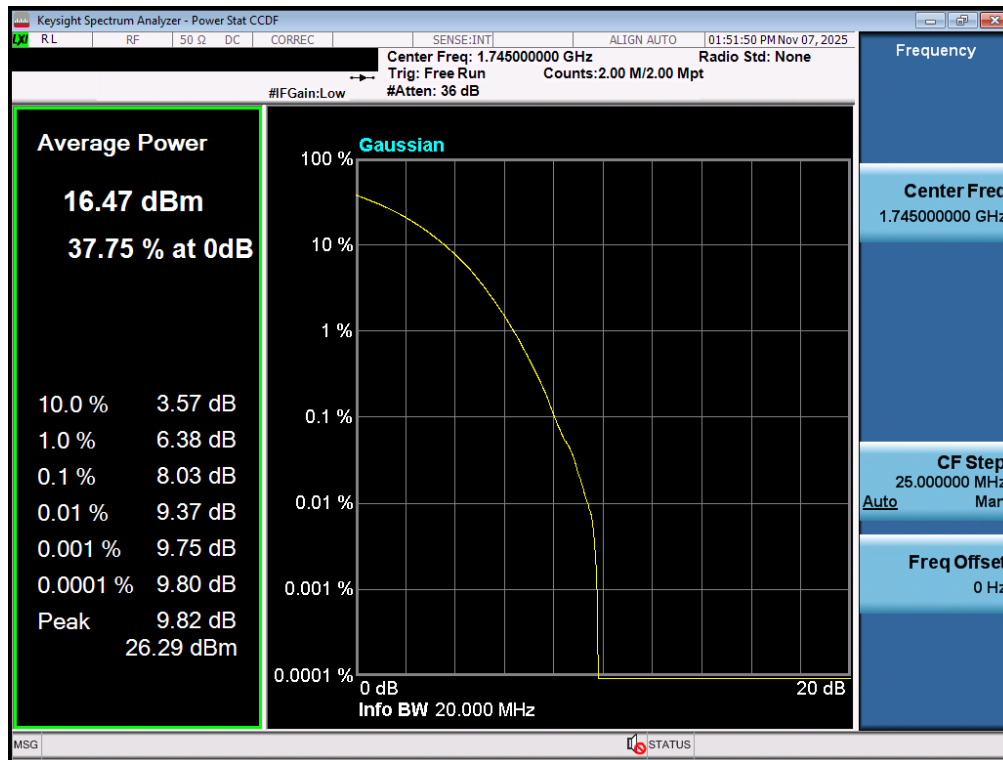


Plot 7-258. PAR Plot (NR Band n66 - 30.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 187 of 255

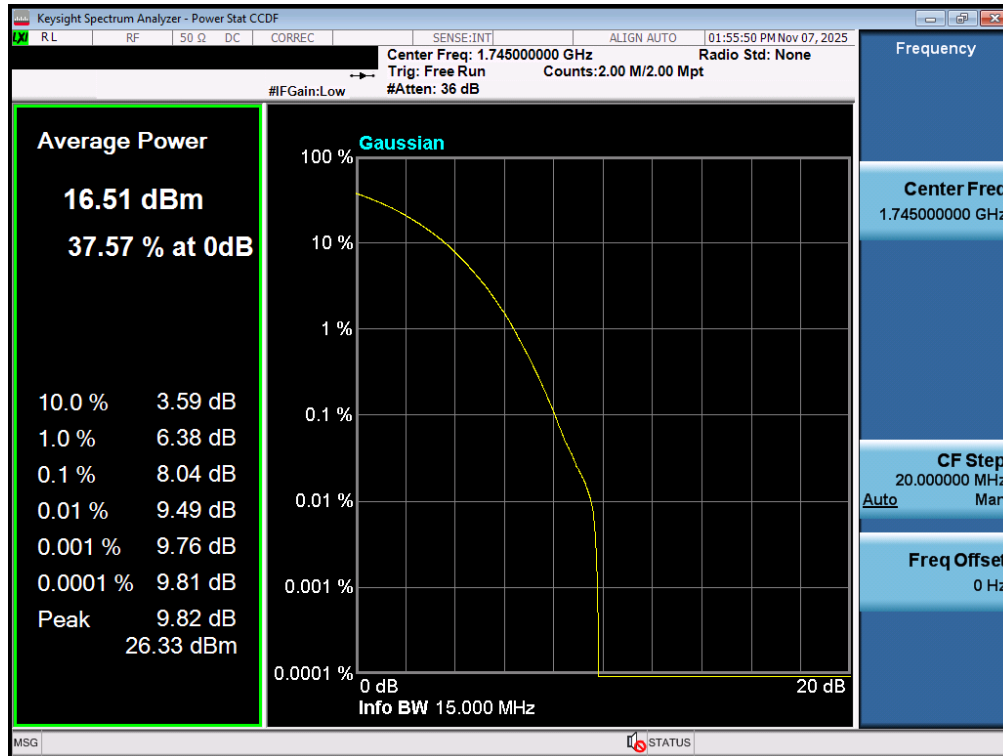


Plot 7-259. PAR Plot (NR Band n66 - 25.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

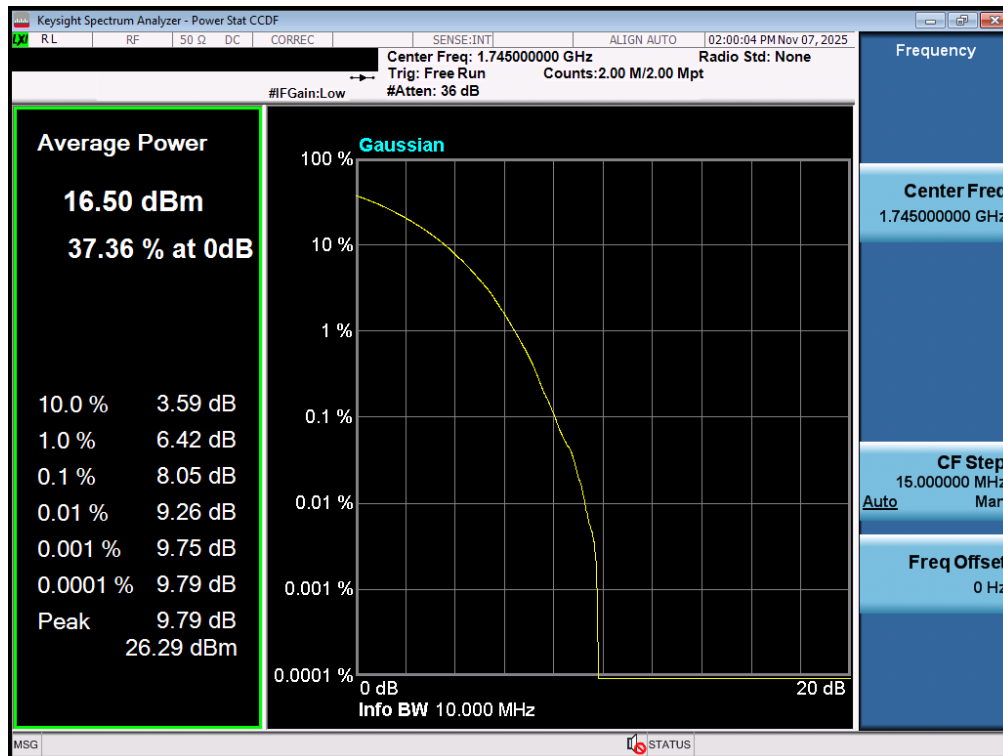


Plot 7-260. PAR Plot (NR Band n66 - 20.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 188 of 255

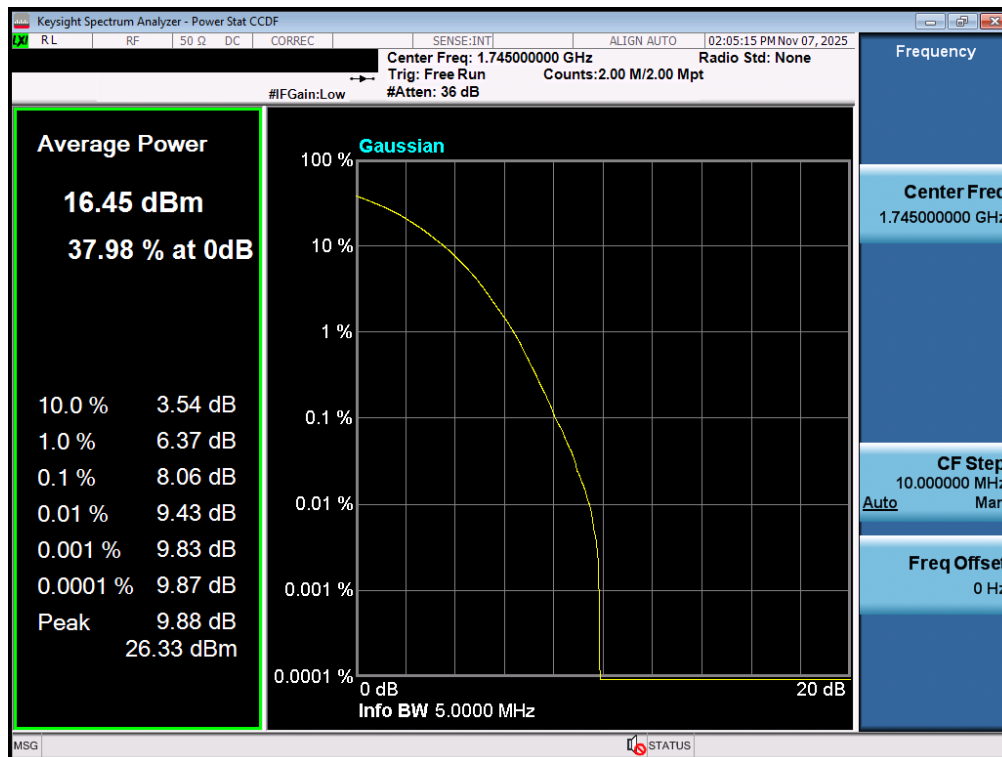


Plot 7-261. PAR Plot (NR Band n66 - 15.0MHz CP-OFDM 256-QAM - Full RB - ANT1)



Plot 7-262. PAR Plot (NR Band n66 - 10.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 189 of 255



Plot 7-263. PAR Plot (NR Band n66 - 5.0MHz CP-OFDM 256-QAM - Full RB - ANT1)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2-A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 190 of 255

Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
LTE-B66-4	20MHz	QPSK	22.08	5.41	13	-7.59
		256QAM	18.09	5.97	13	-7.03
	15MHz	QPSK	22.08	5.40	13	-7.60
		256QAM	18.07	5.94	13	-7.06
	10MHz	QPSK	22.15	5.46	13	-7.54
		256QAM	18.03	5.94	13	-7.06
	5MHz	QPSK	22.12	5.44	13	-7.56
		256QAM	18.03	5.93	13	-7.07
	3MHz	QPSK	22.21	5.49	13	-7.51
		256QAM	18.05	5.92	13	-7.08
	1.4MHz	QPSK	22.09	5.50	13	-7.50
		256QAM	18.02	5.89	13	-7.11

Table 7-28. Peak-Average Ratio Results – Ant2

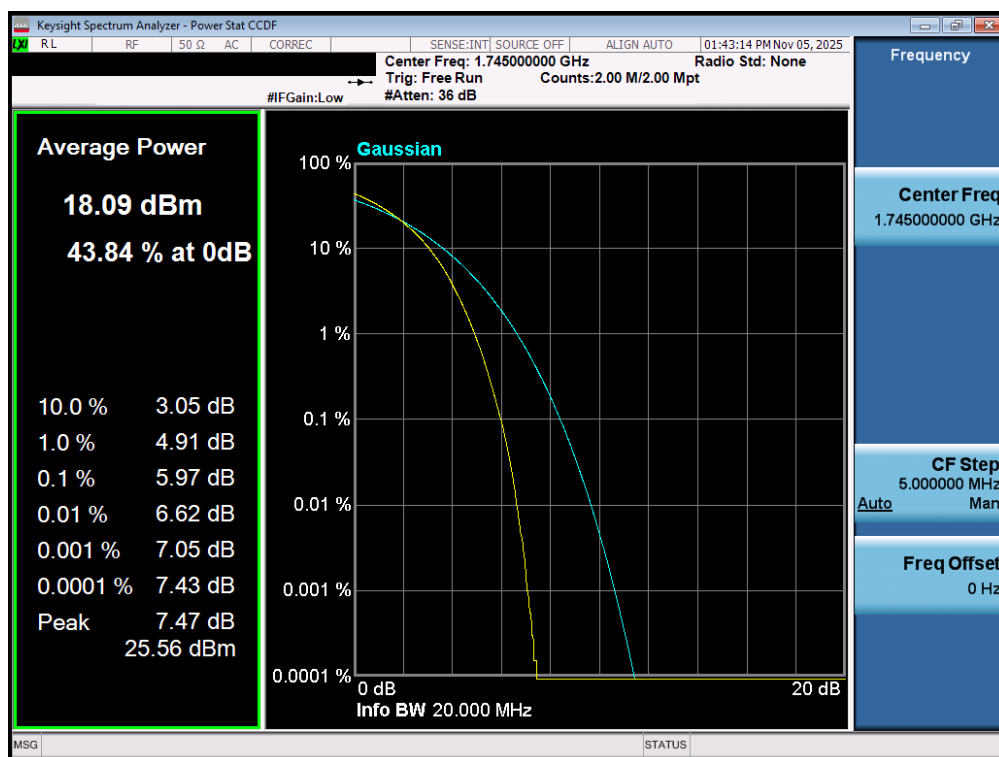
FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 191 of 255

Mode	Bandwidth	Modulation	Average Power [dBm]	PAR at 0.1% [dB]	PAR Limit [dB]	Margin [dB]
NR-n70	15MHz	$\pi/2$ BPSK	22.41	4.39	13	-8.61
		QPSK	19.95	7.47	13	-5.53
		256QAM	16.45	8.43	13	-4.57
	10MHz	$\pi/2$ BPSK	22.43	4.46	13	-8.54
		QPSK	19.96	7.74	13	-5.26
		256QAM	16.48	8.38	13	-4.62
	5MHz	$\pi/2$ BPSK	22.42	4.44	13	-8.56
		QPSK	19.88	7.68	13	-5.32
		256QAM	16.43	8.42	13	-4.58
NR-n66	40MHz	$\pi/2$ BPSK	22.48	4.98	13	-8.02
		QPSK	19.95	7.68	13	-5.32
		256QAM	16.43	8.37	13	-4.63
	30MHz	$\pi/2$ BPSK	22.65	4.12	13	-8.88
		QPSK	20.11	7.38	13	-5.62
		256QAM	16.56	7.45	13	-5.55
	25MHz	$\pi/2$ BPSK	22.70	4.56	13	-8.44
		QPSK	20.17	7.20	13	-5.80
		256QAM	16.63	7.39	13	-5.61
	20MHz	$\pi/2$ BPSK	22.69	4.32	13	-8.68
		QPSK	20.15	7.16	13	-5.84
		256QAM	16.62	7.19	13	-5.81
	15MHz	$\pi/2$ BPSK	22.68	4.28	13	-8.72
		QPSK	20.15	6.99	13	-6.01
		256QAM	16.65	7.23	13	-5.77
	10MHz	$\pi/2$ BPSK	22.70	4.37	13	-8.63
		QPSK	20.17	7.13	13	-5.87
		256QAM	16.65	7.26	13	-5.74
	5MHz	$\pi/2$ BPSK	22.69	4.32	13	-8.68
		QPSK	20.16	6.92	13	-6.08
		256QAM	16.63	7.07	13	-5.93

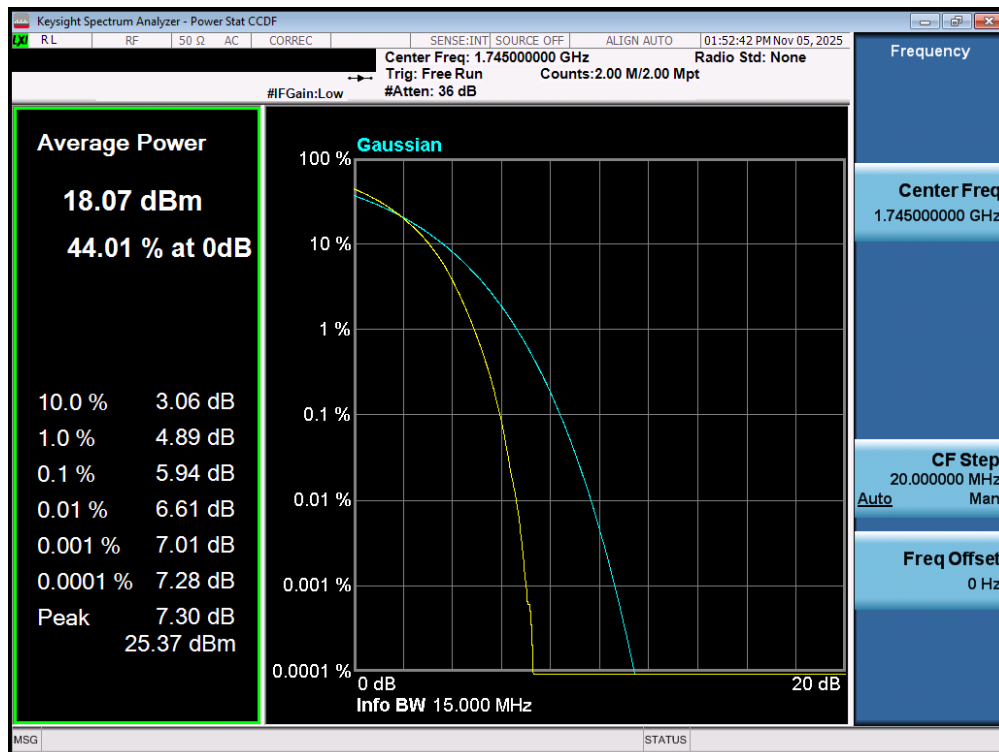
Table 7-29. Peak-Average Ratio Results – Ant2

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 192 of 255

LTE Band 66/4 – ANT2

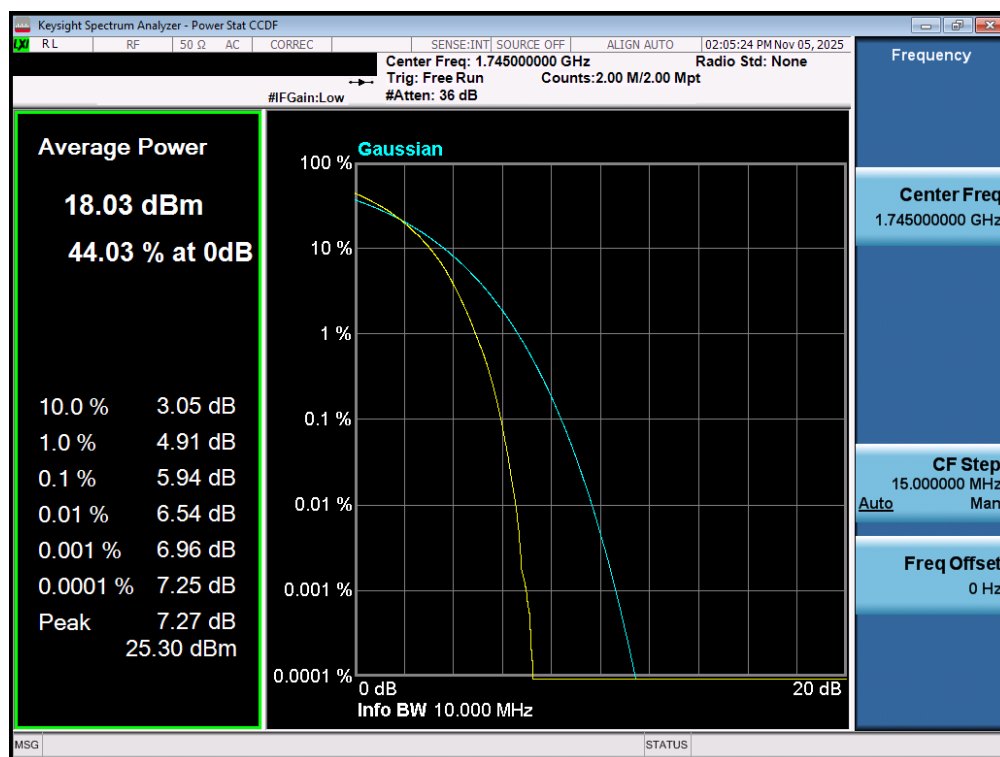


Plot 7-264. PAR Plot (LTE Band 66/4 - 20MHz 256-QAM - Full RB - ANT2)

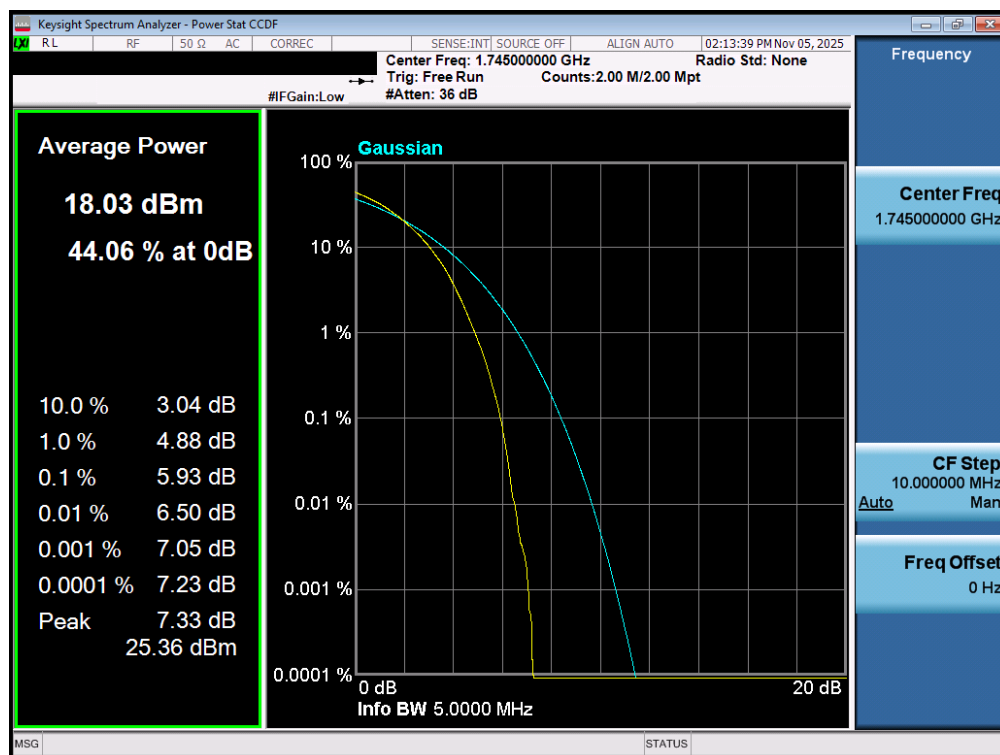


Plot 7-265. PAR Plot (LTE Band 66/4 - 15MHz 256-QAM - Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 193 of 255

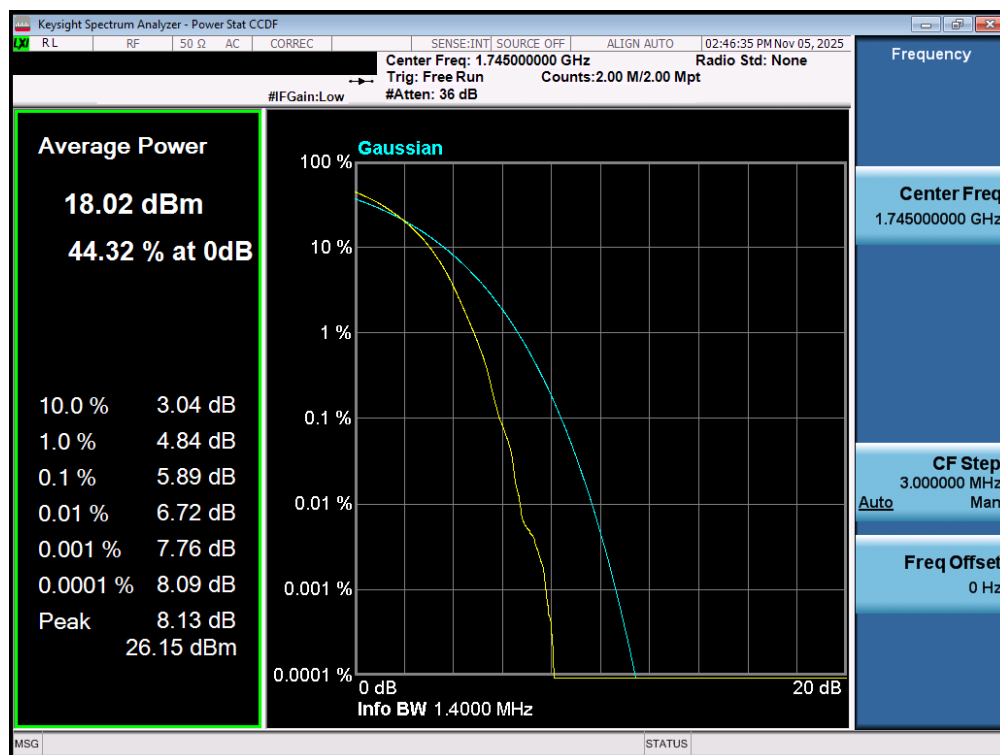
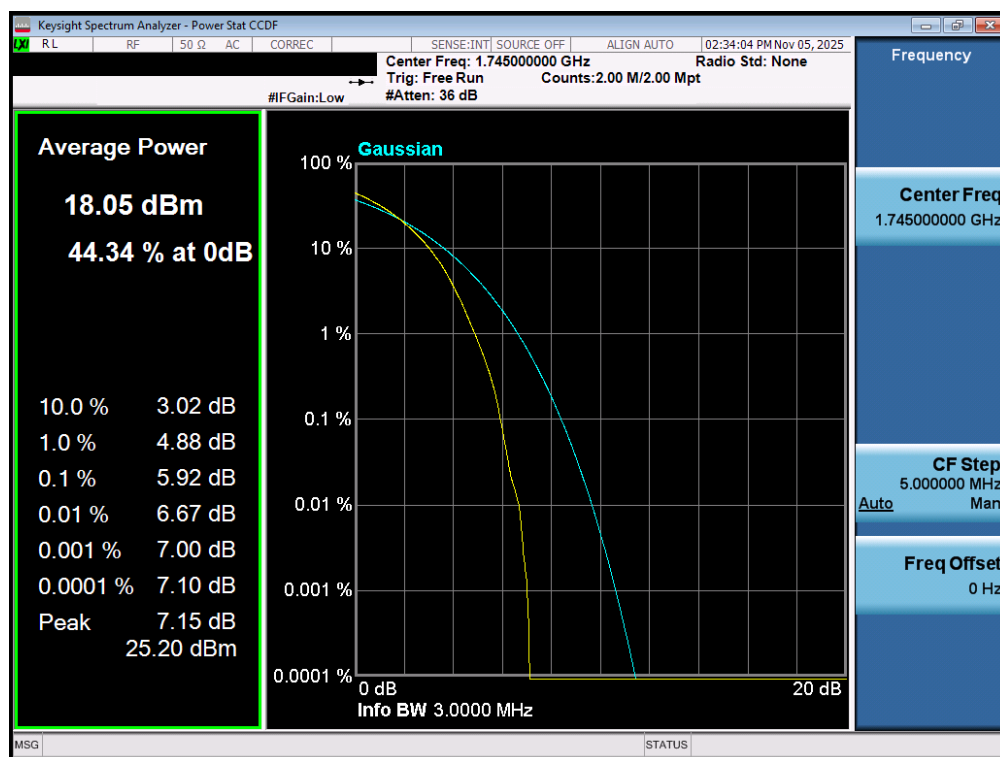


Plot 7-266. PAR Plot (LTE Band 66/4 - 10MHz 256-QAM - Full RB - ANT2)



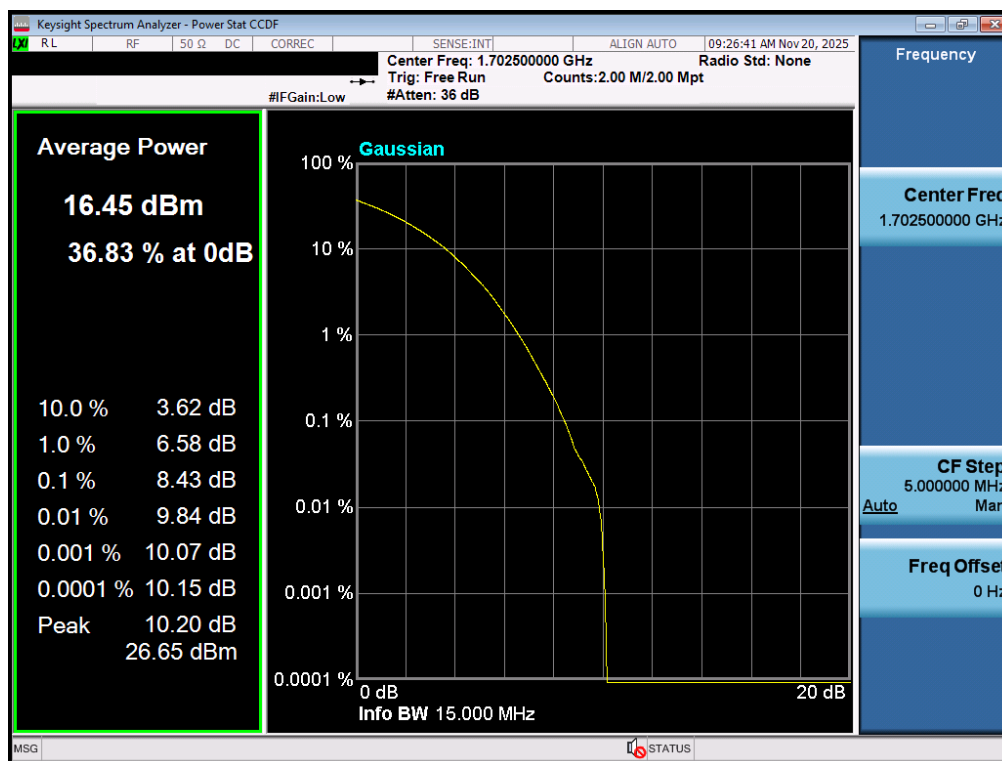
Plot 7-267. PAR Plot (LTE Band 66/4 - 5MHz 256-QAM - Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 194 of 255

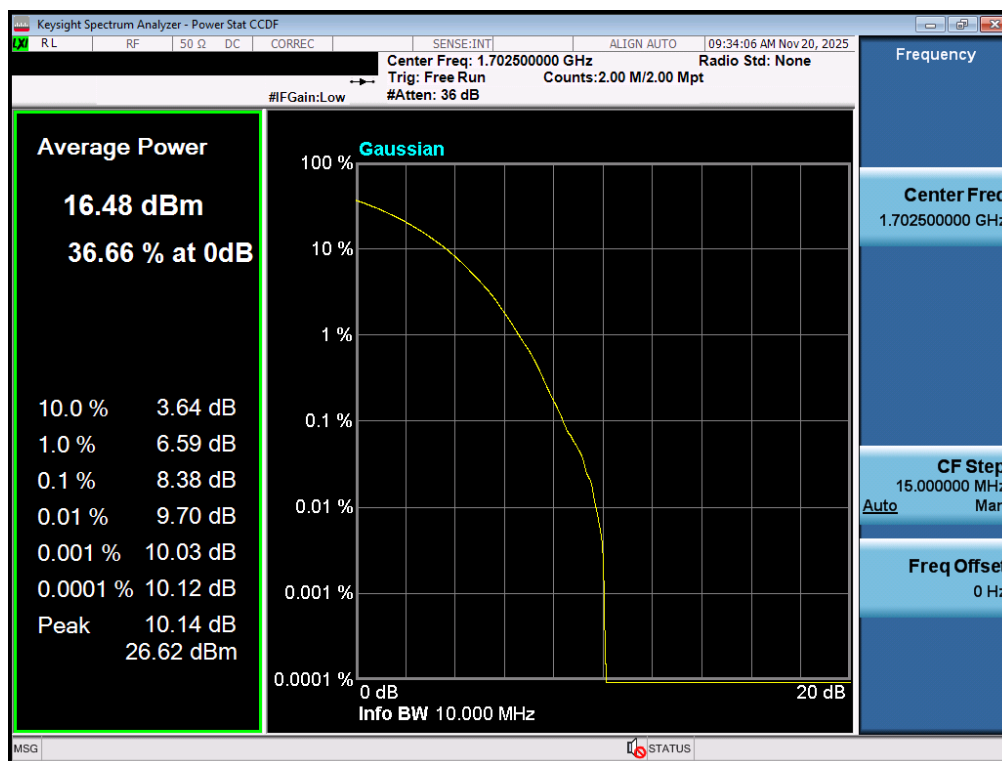


FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 195 of 255

NR Band n70 – ANT2

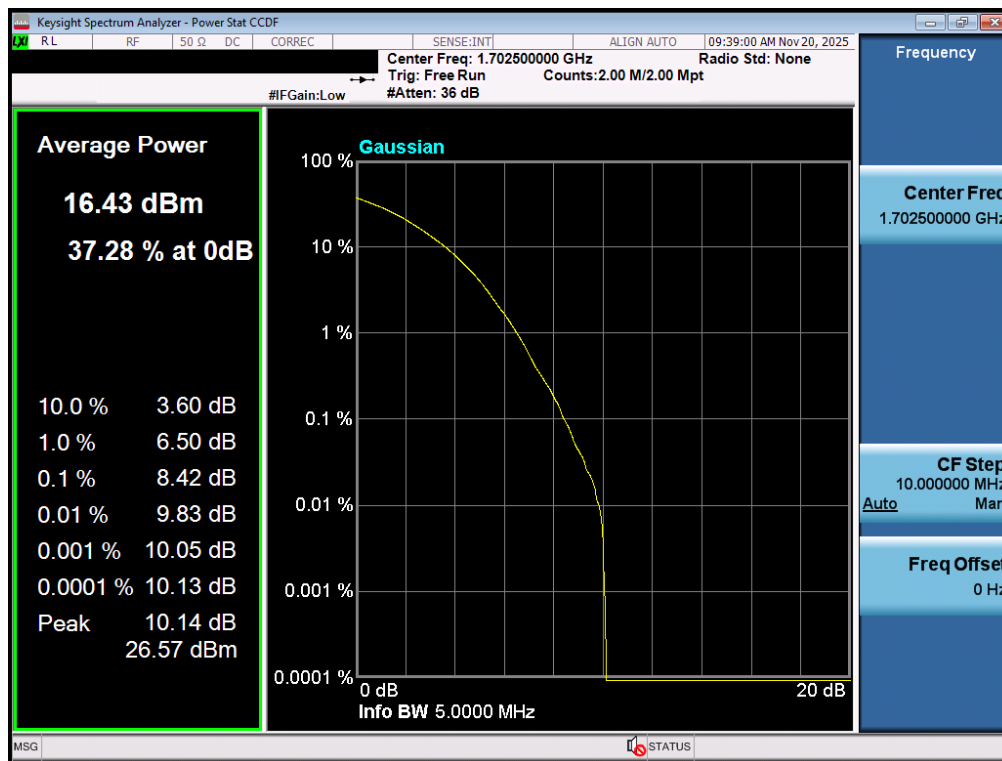


Plot 7-270. PAR Plot (NR Band n70 - 15.0MHz CP-OFDM 256-QAM - Full RB - ANT2)



Plot 7-271. PAR Plot (NR Band n70 - 10.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

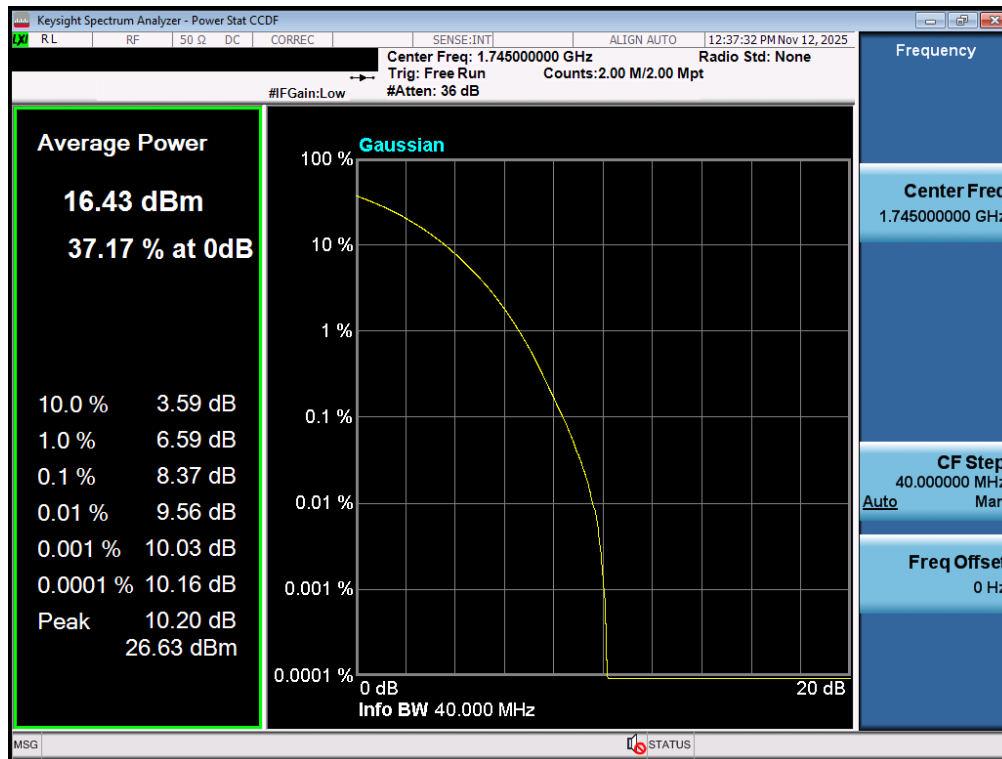
FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 196 of 255



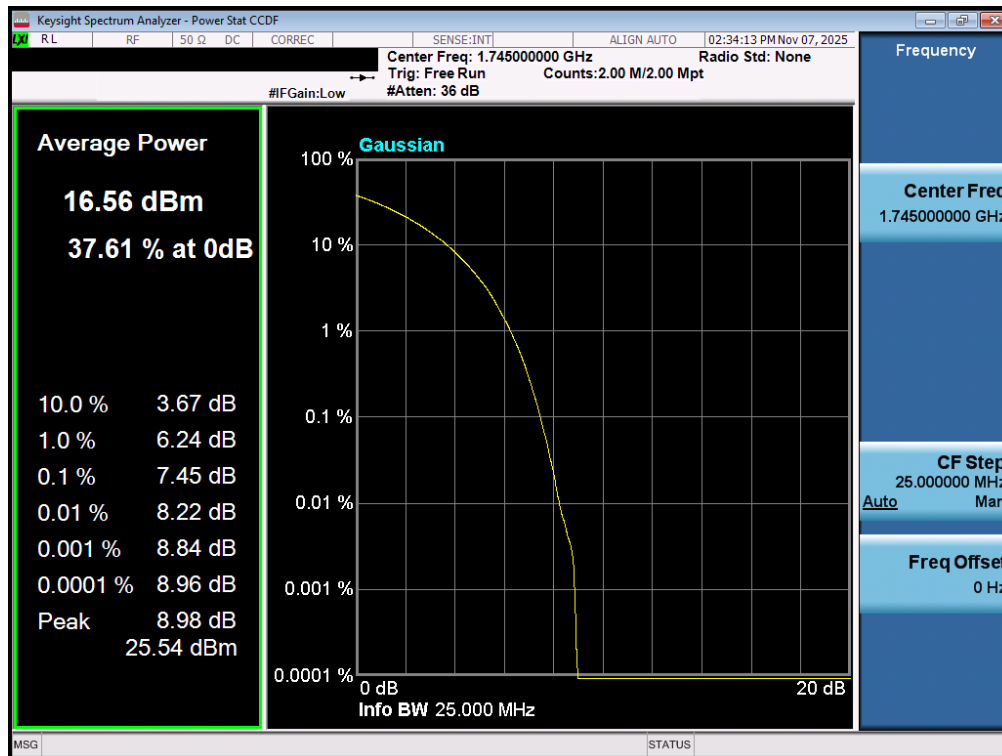
Plot 7-272. PAR Plot (NR Band n70 - 5.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 197 of 255

NR Band n66 – ANT2

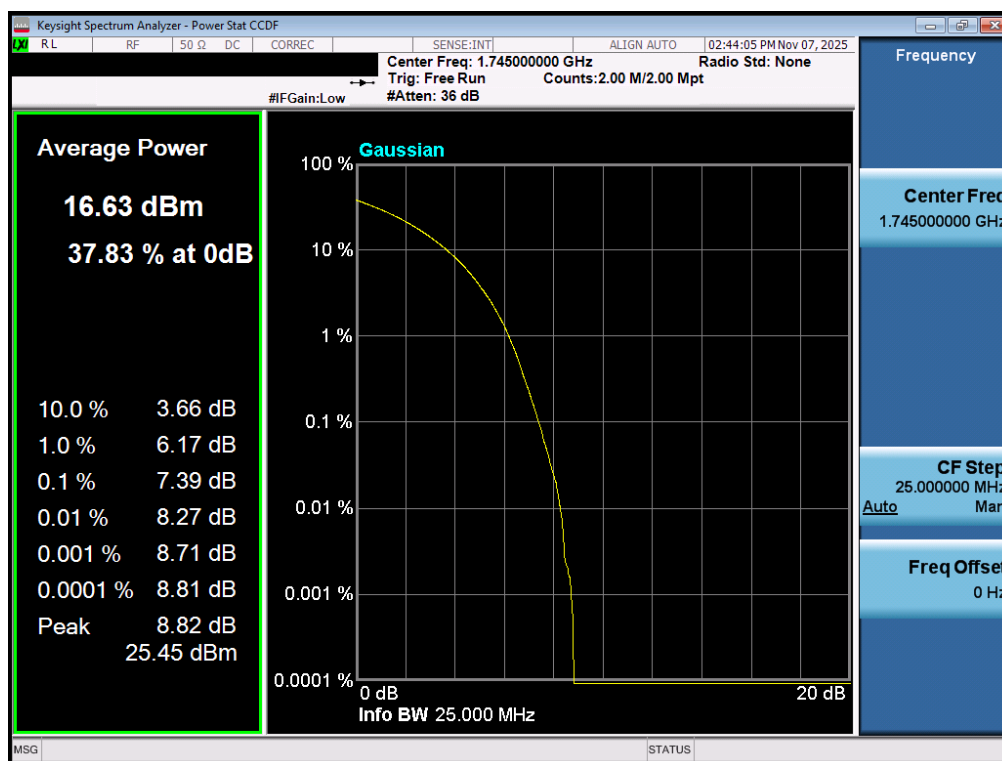


Plot 7-273. PAR Plot (NR Band n66 - 40.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

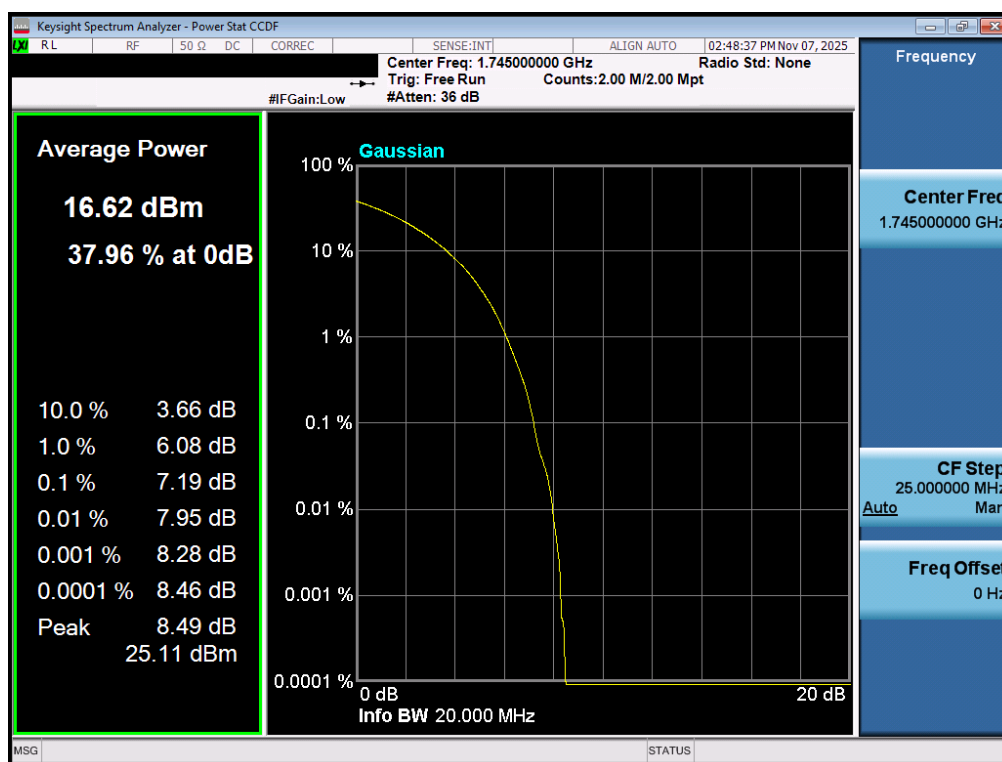


Plot 7-274. PAR Plot (NR Band n66 - 30.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 198 of 255

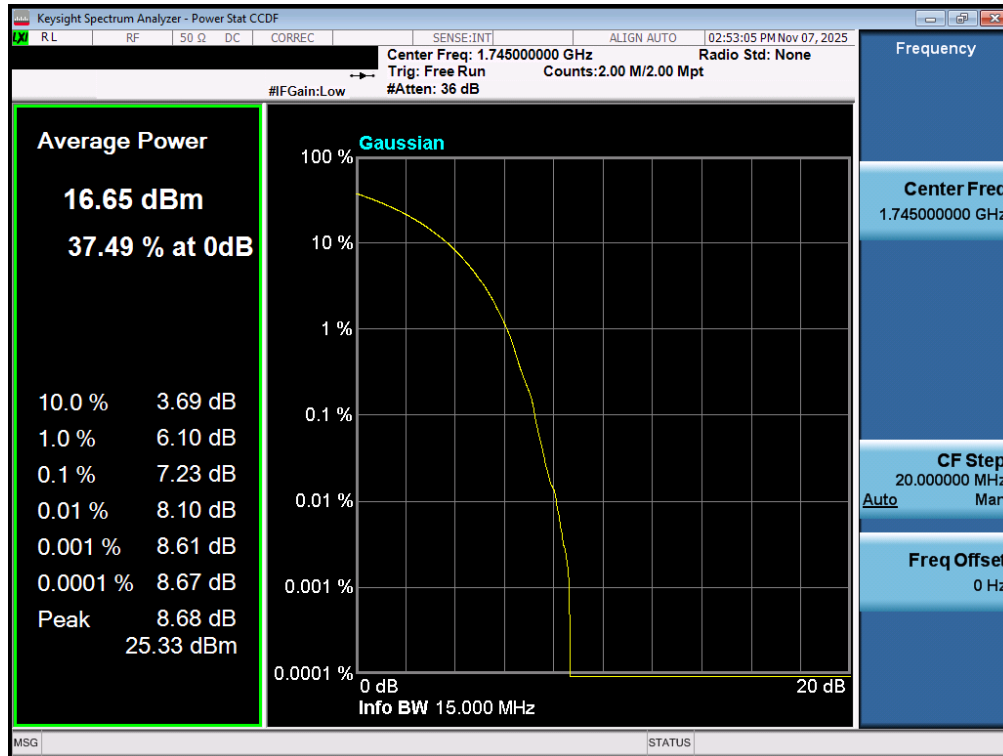


Plot 7-275. PAR Plot (NR Band n66 - 25.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

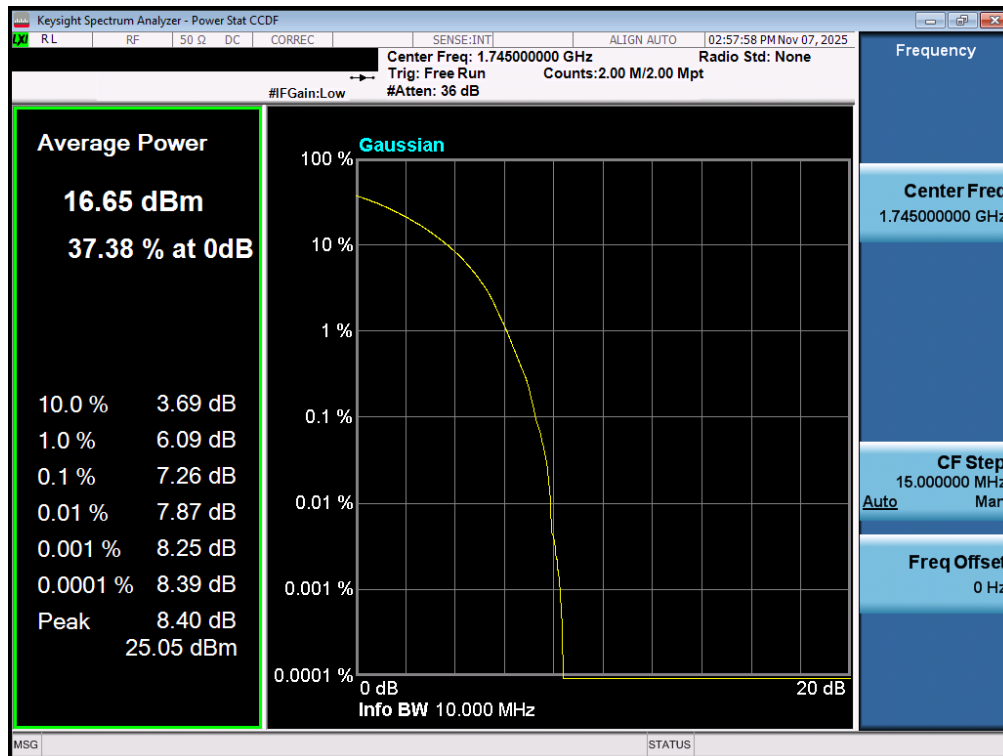


Plot 7-276. PAR Plot (NR Band n66 - 20.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 199 of 255

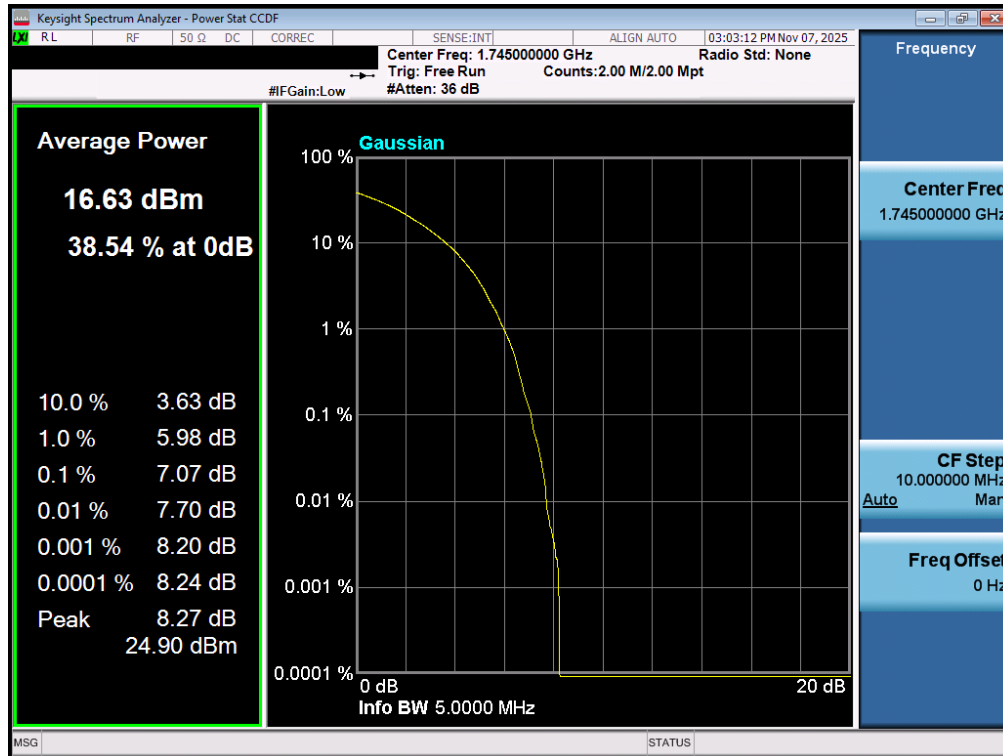


Plot 7-277. PAR Plot (NR Band n66 - 15.0MHz CP-OFDM 256-QAM - Full RB - ANT2)



Plot 7-278. PAR Plot (NR Band n66 - 10.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 200 of 255



Plot 7-279. PAR Plot (NR Band n66 - 5.0MHz CP-OFDM 256-QAM - Full RB - ANT2)

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2-A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 201 of 255

7.7 Radiated Power (ERP/EIRP)

Test Overview

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

Test Procedures Used

ANSI C63.26-2015 – Section 5.2.4.4

Test Settings

1. Radiated power measurements are performed using the signal analyzer's "channel power" measurement capability for signals with continuous operation.
2. RBW = 1 – 5% of the expected OBW, not to exceed 1MHz
3. VBW $\geq 3 \times$ RBW
4. Span = 1.5 times the OBW
5. No. of sweep points $\geq 2 \times$ span / RBW
6. Detector = RMS
7. Trigger is set to "free run" for signals with continuous operation with the sweep times set to "auto".
8. The integration bandwidth was roughly set equal to the measured OBW of the signal for signals with continuous operation.
9. Trace mode = trace averaging (RMS) over 100 sweeps
10. The trace was allowed to stabilize

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 202 of 255

Test Setup

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

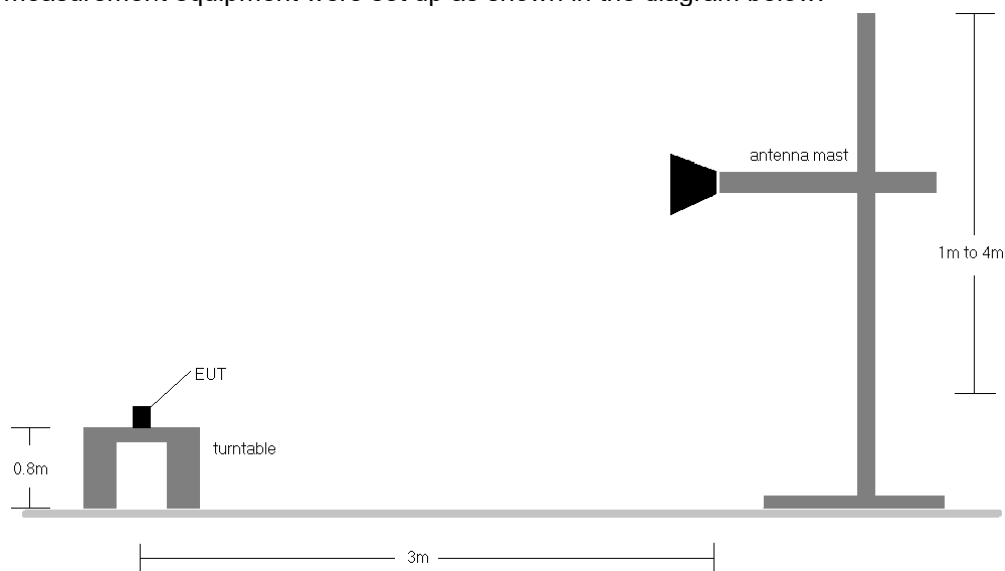


Figure 7-6. Radiated Test Setup <1GHz

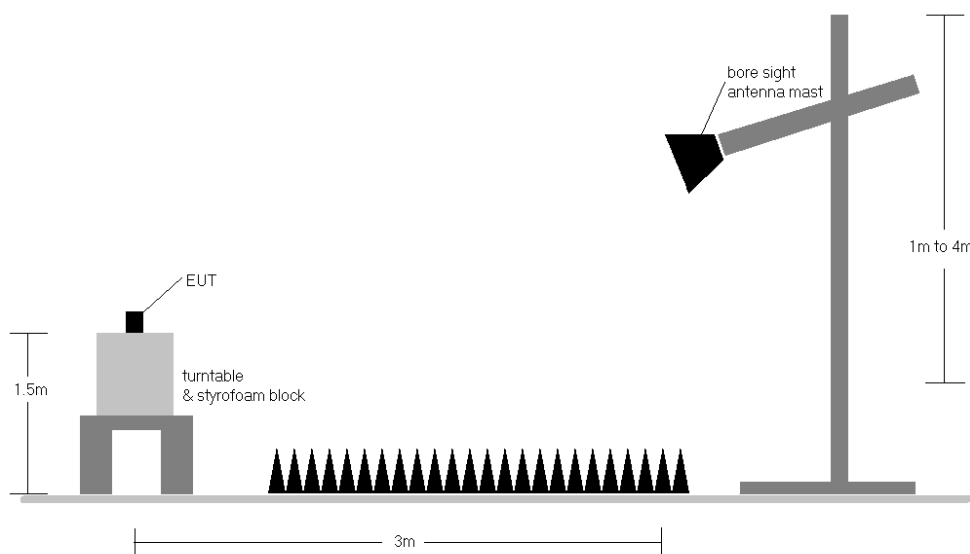


Figure 7-7. Radiated Test Setup >1GHz

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 203 of 255

Test Notes

- 1) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 2) This device employs UMTS technology with WCDMA (AMR/RMC) and HSDPA capabilities. The EUT was tested under all configurations and the highest powers are reported in WCDMA mode with HSDPA Inactive at 12.2 kbps RMC and TPC bits all set to "1".
- 3) This unit was tested with its standard battery.
- 4) 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: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 204 of 255

Frequency [MHz]	Mode	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Substitute Level [dBm]	Ant. Gain [dBi]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
1712.40	WCDMA1700	V	147	209	20.06	2.88	22.94	0.197	30.00	-7.06
1732.60	WCDMA1700	V	150	211	19.52	2.92	22.44	0.175	30.00	-7.56
1752.60	WCDMA1700	V	150	206	18.84	2.96	21.80	0.151	30.00	-8.20
1712.40	WCDMA1700	H	143	172	18.87	2.86	21.73	0.149	30.00	-8.27

Table 7-30. EIRP Data (WCDMA AWS) – Ant1

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
20 MHz	QPSK	673.00	H	299	282	0.69	1 / 99	18.82	17.36	0.054	34.77	-17.41
	QPSK	680.50	H	296	270	0.81	1 / 50	18.77	17.43	0.055	34.77	-17.34
	QPSK	688.00	H	305	275	0.93	1 / 99	18.85	17.63	0.058	34.77	-17.14
	16-QAM	688.00	H	305	275	0.93	1 / 99	18.17	16.95	0.050	34.77	-17.82
15 MHz	QPSK	670.50	H	299	282	0.65	1 / 74	18.92	17.42	0.055	34.77	-17.36
	QPSK	680.50	H	296	270	0.81	1 / 74	18.72	17.38	0.055	34.77	-17.39
	QPSK	690.50	H	305	275	0.97	1 / 74	18.95	17.77	0.060	34.77	-17.00
	16-QAM	690.50	H	305	275	0.97	1 / 37	18.27	17.09	0.051	34.77	-17.68
10 MHz	QPSK	668.00	H	299	282	0.61	1 / 49	19.01	17.46	0.056	34.77	-17.31
	QPSK	680.50	H	296	270	0.81	1 / 49	18.70	17.36	0.054	34.77	-17.41
	QPSK	693.00	H	305	275	1.01	1 / 0	18.78	17.64	0.058	34.77	-17.13
	16-QAM	693.00	H	305	275	1.01	1 / 25	18.42	17.28	0.053	34.77	-17.49
5 MHz	QPSK	665.50	H	299	282	0.57	1 / 24	19.02	17.44	0.055	34.77	-17.33
	QPSK	680.50	H	296	270	0.81	1 / 12	18.73	17.39	0.055	34.77	-17.39
	QPSK	695.50	H	305	275	1.05	1 / 24	18.97	17.87	0.061	34.77	-16.90
	16-QAM	695.50	H	305	275	1.05	1 / 24	18.29	17.19	0.052	34.77	-17.58
20 MHz	Opposite Pol.	688.00	V	185	294	0.86	1 / 0	18.05	16.76	0.047	34.77	-18.02

Table 7-31. ERP Data (LTE Band 71) – Ant1

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	QPSK	704.00	V	175	278	1.12	1 / 49	20.73	19.70	0.093	34.77	-15.07
	QPSK	707.50	V	165	281	1.14	1 / 49	21.76	20.75	0.119	34.77	-14.02
	QPSK	711.00	V	175	293	1.17	1 / 49	21.58	20.60	0.115	34.77	-14.17
	16-QAM	711.00	V	175	293	1.17	1 / 49	20.86	19.88	0.097	34.77	-14.89
5 MHz	QPSK	701.50	V	175	278	1.10	1 / 24	20.69	19.64	0.092	34.77	-15.13
	QPSK	707.50	V	165	281	1.14	1 / 0	21.82	20.81	0.121	34.77	-13.96
	QPSK	713.50	V	175	293	1.19	1 / 0	21.50	20.54	0.113	34.77	-14.23
	16-QAM	713.50	V	175	293	1.19	1 / 0	21.06	20.11	0.102	34.77	-14.67
3 MHz	QPSK	700.50	V	175	278	1.09	1 / 0	20.68	19.62	0.092	34.77	-15.15
	QPSK	707.50	V	165	281	1.14	1 / 0	21.76	20.75	0.119	34.77	-14.02
	QPSK	714.50	V	175	293	1.20	1 / 7	21.44	20.49	0.112	34.77	-14.28
	16-QAM	707.50	V	165	281	1.14	1 / 7	20.97	19.97	0.099	34.77	-14.80
1.4 MHz	QPSK	699.70	V	175	278	1.08	1 / 5	20.66	19.59	0.091	34.77	-15.18
	QPSK	707.50	V	165	281	1.14	1 / 0	21.81	20.81	0.120	34.77	-13.97
	QPSK	715.30	V	175	293	1.21	1 / 0	21.02	20.08	0.102	34.77	-14.69
	16-QAM	707.50	V	165	281	1.14	1 / 0	20.80	19.79	0.095	34.77	-14.98
10 MHz	Opposite Pol.	707.50	H	133	271	1.17	1 / 49	20.58	19.60	0.091	34.77	-15.17

Table 7-32. ERP Data (LTE Band 12) – Ant1

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	QPSK	782.00	H	235	274	1.09	1 / 25	19.69	18.63	0.073	34.77	-16.15
	16-QAM	782.00	H	235	274	1.09	1 / 25	19.07	18.01	0.063	34.77	-16.77
5 MHz	QPSK	779.50	H	235	274	1.11	1 / 24	19.70	18.66	0.073	34.77	-16.11
	QPSK	782.00	H	235	274	1.09	1 / 24	19.64	18.57	0.072	34.77	-16.20
	QPSK	784.50	H	235	274	1.06	1 / 12	19.66	18.57	0.072	34.77	-16.20
	16-QAM	782.00	H	235	274	1.09	1 / 12	19.31	18.25	0.067	34.77	-16.53
10 MHz	Opposite Pol.	782.00	V	153	264	1.09	1 / 25	19.31	18.25	0.067	34.77	-16.53

Table 7-33. ERP Data (LTE Band 13) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT								Approved by: Technical Manager	
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset							Page 205 of 255	

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	QPSK	1720.00	V	156	323	2.90	1 / 99	20.20	23.10	0.204	30.00	-6.90
	QPSK	1745.00	V	153	319	2.94	1 / 0	21.49	24.43	0.277	30.00	-5.57
	QPSK	1770.00	V	149	314	3.02	1 / 0	19.46	22.48	0.177	30.00	-7.52
	16-QAM	1745.00	V	153	319	2.94	1 / 0	20.73	23.67	0.233	30.00	-6.33
15 MHz	QPSK	1717.50	V	156	323	2.89	1 / 74	20.18	23.08	0.203	30.00	-6.92
	QPSK	1745.00	V	153	319	2.94	1 / 37	21.53	24.48	0.280	30.00	-5.52
	QPSK	1772.50	V	149	314	3.03	1 / 0	19.39	22.41	0.174	30.00	-7.59
	16-QAM	1745.00	V	153	319	2.94	1 / 74	20.84	23.78	0.239	30.00	-6.22
10 MHz	QPSK	1715.00	V	156	323	2.89	1 / 49	20.27	23.16	0.207	30.00	-6.84
	QPSK	1745.00	V	153	319	2.94	1 / 49	21.54	24.49	0.281	30.00	-5.51
	QPSK	1775.00	V	149	314	3.04	1 / 0	19.58	22.62	0.183	30.00	-7.38
	16-QAM	1745.00	V	153	319	2.94	1 / 25	20.86	23.80	0.240	30.00	-6.20
5 MHz	QPSK	1712.50	V	156	323	2.88	1 / 24	20.20	23.08	0.203	30.00	-6.92
	QPSK	1745.00	V	153	319	2.94	1 / 24	21.58	24.52	0.283	30.00	-5.48
	QPSK	1777.50	V	149	314	3.05	1 / 24	19.44	22.48	0.177	30.00	-7.52
	16-QAM	1745.00	V	153	319	2.94	1 / 24	21.02	23.96	0.249	30.00	-6.04
3 MHz	QPSK	1711.50	V	156	323	2.88	1 / 14	20.14	23.03	0.201	30.00	-6.97
	QPSK	1745.00	V	153	319	2.94	1 / 14	21.64	24.58	0.287	30.00	-5.42
	QPSK	1778.50	V	149	314	3.05	1 / 14	19.45	22.50	0.178	30.00	-7.50
	16-QAM	1745.00	V	153	319	2.94	1 / 7	21.09	24.03	0.253	30.00	-5.97
1.4 MHz	QPSK	1710.70	V	156	323	2.88	1 / 3	19.96	22.85	0.193	30.00	-7.15
	QPSK	1745.00	V	153	319	2.94	1 / 3	21.49	24.43	0.277	30.00	-5.57
	QPSK	1779.30	V	149	314	3.05	1 / 0	19.35	22.40	0.174	30.00	-7.60
	16-QAM	1745.00	V	153	319	2.94	1 / 5	20.91	23.85	0.243	30.00	-6.15
20 MHz	Opposite Pol.	1745.00	H	133	154	2.94	1 / 0	20.55	23.49	0.224	30.00	-6.51

Table 7-34. EIRP Data (LTE Band 66/4) – Ant1

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
20 MHz	$\pi/2$ BPSK	673.00	H	368	275	0.69	1 / 104	20.46	21.15	0.130	36.99	-15.84	19.00	0.079	34.77	-15.77
	$\pi/2$ BPSK	680.50	H	368	275	0.81	1 / 53	20.65	21.46	0.140	36.99	-15.53	19.31	0.085	34.77	-15.46
	$\pi/2$ BPSK	688.00	H	374	277	0.93	1 / 53	20.95	21.88	0.154	36.99	-15.11	19.73	0.094	34.77	-15.04
	QPSK	673.00	H	381	279	0.69	1 / 104	20.34	21.03	0.127	36.99	-15.96	18.88	0.077	34.77	-15.89
	QPSK	680.50	H	368	275	0.81	1 / 53	20.79	21.60	0.145	36.99	-15.39	19.45	0.088	34.77	-15.32
	QPSK	688.00	H	374	277	0.93	1 / 53	21.05	21.98	0.158	36.99	-15.01	19.83	0.096	34.77	-14.94
	16-QAM	688.00	H	374	277	0.93	1 / 53	20.20	21.13	0.130	36.99	-15.86	18.98	0.079	34.77	-15.79
15 MHz	$\pi/2$ BPSK	670.50	H	368	275	0.65	1 / 39	20.73	21.38	0.137	36.99	-15.61	19.23	0.084	34.77	-15.54
	$\pi/2$ BPSK	680.50	H	368	275	0.81	1 / 39	20.59	21.40	0.138	36.99	-15.59	19.25	0.084	34.77	-15.52
	$\pi/2$ BPSK	690.50	H	374	277	0.97	1 / 39	20.98	21.95	0.157	36.99	-15.04	19.80	0.096	34.77	-14.97
	QPSK	670.50	H	381	279	0.65	1 / 39	20.73	21.38	0.137	36.99	-15.61	19.23	0.084	34.77	-15.54
	QPSK	680.50	H	368	275	0.81	1 / 39	20.80	21.61	0.145	36.99	-15.38	19.46	0.088	34.77	-15.31
	QPSK	690.50	H	374	277	0.97	1 / 39	21.20	22.17	0.165	36.99	-14.82	20.02	0.100	34.77	-14.75
	16-QAM	690.50	H	374	277	0.97	1 / 39	20.10	21.07	0.128	36.99	-15.92	18.92	0.078	34.77	-15.85
10 MHz	$\pi/2$ BPSK	668.00	H	368	275	0.61	1 / 26	20.69	21.30	0.135	36.99	-15.69	19.15	0.082	34.77	-15.62
	$\pi/2$ BPSK	680.50	H	368	275	0.81	1 / 26	20.64	21.45	0.140	36.99	-15.54	19.30	0.085	34.77	-15.47
	$\pi/2$ BPSK	693.00	H	374	277	1.01	1 / 26	20.91	21.92	0.156	36.99	-15.07	19.77	0.095	34.77	-15.00
	QPSK	668.00	H	381	279	0.61	1 / 26	20.62	21.23	0.133	36.99	-15.76	19.08	0.081	34.77	-15.69
	QPSK	680.50	H	368	275	0.81	1 / 26	20.74	21.55	0.143	36.99	-15.44	19.40	0.087	34.77	-15.37
	QPSK	693.00	H	374	277	1.01	1 / 26	21.08	22.09	0.162	36.99	-14.90	19.94	0.099	34.77	-14.83
	16-QAM	693.00	H	374	277	1.01	1 / 26	20.10	21.11	0.129	36.99	-15.88	18.96	0.079	34.77	-15.81
5 MHz	$\pi/2$ BPSK	665.50	H	368	275	0.57	1 / 12	20.78	21.35	0.136	36.99	-15.64	19.20	0.083	34.77	-15.57
	$\pi/2$ BPSK	680.50	H	368	275	0.81	1 / 12	20.67	21.48	0.141	36.99	-15.51	19.33	0.086	34.77	-15.44
	$\pi/2$ BPSK	695.50	H	374	277	1.05	1 / 12	20.88	21.93	0.156	36.99	-15.06	19.78	0.095	34.77	-14.99
	QPSK	665.50	H	381	279	0.57	1 / 12	20.69	21.26	0.134	36.99	-15.73	19.11	0.081	34.77	-15.66
	QPSK	680.50	H	368	275	0.81	1 / 12	20.84	21.65	0.146	36.99	-15.34	19.50	0.089	34.77	-15.27
	QPSK	695.50	H	374	277	1.05	1 / 12	21.12	22.17	0.165	36.99	-14.82	20.02	0.100	34.77	-14.75
	16-QAM	695.50	H	374	277	1.05	1 / 12	20.11	21.16	0.131	36.99	-15.83	19.01	0.080	34.77	-15.76
20 MHz	QPSK (CP-OFDM)	688.00	H	374	277	0.93	1 / 53	19.15	20.08	0.102	36.99	-16.91	17.93	0.062	34.77	-16.84
	QPSK (Opposite Pol.)	688.00	V	133	233	0.86	1 / 53	18.81	19.67	0.093	36.99	-17.32	17.52	0.056	34.77	-17.26

Table 7-35. EIRP Data (NR Band n71) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset		Page 206 of 255

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
15 MHz	$\pi/2$ BPSK	1702.50	V	159	218	2.87	1 / 39	21.76	24.63	0.290	30.00	-5.37
	QPSK	1702.50	V	159	218	2.87	1 / 39	21.51	24.38	0.274	30.00	-5.62
	16-QAM	1702.50	V	159	218	2.87	1 / 39	20.55	23.42	0.220	30.00	-6.58
10 MHz	$\pi/2$ BPSK	1700.00	V	159	218	2.86	1 / 1	21.79	24.66	0.292	30.00	-5.34
	$\pi/2$ BPSK	1702.50	V	159	218	2.87	1 / 26	21.85	24.72	0.296	30.00	-5.28
	$\pi/2$ BPSK	1705.00	V	159	218	2.87	1 / 26	21.88	24.75	0.298	30.00	-5.25
	QPSK	1700.00	V	159	218	2.86	1 / 1	21.57	24.44	0.278	30.00	-5.56
	QPSK	1702.50	V	159	218	2.87	1 / 26	21.52	24.39	0.275	30.00	-5.61
	QPSK	1705.00	V	159	218	2.87	1 / 1	21.59	24.46	0.279	30.00	-5.54
	16-QAM	1700.00	V	159	218	2.86	1 / 1	20.68	23.55	0.226	30.00	-6.45
5 MHz	$\pi/2$ BPSK	1697.50	V	159	218	2.86	1 / 12	21.94	24.81	0.302	30.00	-5.19
	$\pi/2$ BPSK	1702.50	V	159	218	2.87	1 / 12	21.82	24.69	0.294	30.00	-5.31
	$\pi/2$ BPSK	1707.50	V	159	218	2.88	1 / 12	21.91	24.79	0.301	30.00	-5.21
	QPSK	1697.50	V	159	218	2.86	1 / 12	21.74	24.61	0.289	30.00	-5.39
	QPSK	1702.50	V	159	218	2.87	1 / 12	21.50	24.37	0.273	30.00	-5.63
	QPSK	1707.50	V	159	218	2.88	1 / 12	21.61	24.49	0.281	30.00	-5.51
15 MHz	16-QAM	1697.50	V	159	218	2.86	1 / 12	20.77	23.64	0.231	30.00	-6.36
	QPSK (CP-OFDM)	1702.50	V	159	218	2.87	1 / 39	20.29	23.16	0.207	30.00	-6.84
	QPSK (Opposite Pol.)	1702.50	H	149	166	2.90	1 / 39	20.94	23.84	0.242	30.00	-6.16

Table 7-36. EIRP Data (NR Band n70) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 207 of 255

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
40 MHz	$\pi/2$ BPSK	1730.00	H	180	163	2.86	1 / 121	20.79	23.65	0.232	30.00	-6.35
	$\pi/2$ BPSK	1745.00	H	182	148	2.84	1 / 121	21.10	23.94	0.248	30.00	-6.06
	$\pi/2$ BPSK	1760.00	H	178	178	2.81	1 / 1	21.28	24.09	0.257	30.00	-5.91
	QPSK	1730.00	H	180	163	2.86	1 / 121	20.64	23.50	0.224	30.00	-6.50
	QPSK	1745.00	H	182	148	2.84	1 / 121	20.86	23.70	0.235	30.00	-6.30
	QPSK	1760.00	H	178	178	2.81	1 / 1	21.30	24.11	0.258	30.00	-5.89
30 MHz	16-QAM	1760.00	H	178	178	2.81	1 / 1	20.21	23.02	0.201	30.00	-6.98
	$\pi/2$ BPSK	1725.00	H	180	163	2.87	1 / 80	20.79	23.66	0.232	30.00	-6.34
	$\pi/2$ BPSK	1745.00	H	182	148	2.84	1 / 80	21.34	24.18	0.262	30.00	-5.82
	$\pi/2$ BPSK	1765.00	H	178	178	2.80	1 / 80	21.22	24.02	0.253	30.00	-5.98
	QPSK	1725.00	H	180	163	2.87	1 / 1	20.63	23.50	0.224	30.00	-6.50
	QPSK	1745.00	H	182	148	2.84	1 / 158	20.78	23.62	0.230	30.00	-6.38
25 MHz	QPSK	1765.00	H	178	178	2.80	1 / 80	21.36	24.16	0.261	30.00	-5.84
	16-QAM	1725.00	H	180	163	2.87	1 / 80	20.08	22.95	0.197	30.00	-7.05
	$\pi/2$ BPSK	1722.5	H	180	163	2.87	1 / 1	20.82	23.69	0.234	30.00	-6.31
	$\pi/2$ BPSK	1745.0	H	182	148	2.84	1 / 131	21.00	23.84	0.242	30.00	-6.16
	$\pi/2$ BPSK	1767.5	H	178	178	2.80	1 / 66	21.20	23.99	0.251	30.00	-6.01
	QPSK	1722.5	H	180	163	2.87	1 / 1	20.73	23.60	0.229	30.00	-6.40
20 MHz	QPSK	1745.0	H	182	148	2.84	1 / 131	20.60	23.44	0.221	30.00	-6.56
	QPSK	1767.5	H	178	178	2.80	1 / 66	21.30	24.09	0.257	30.00	-5.91
	16-QAM	1722.5	H	180	163	2.87	1 / 1	20.16	23.03	0.201	30.00	-6.97
	$\pi/2$ BPSK	1720.00	H	180	163	2.88	1 / 1	20.89	23.76	0.238	30.00	-6.24
	$\pi/2$ BPSK	1745.00	H	182	148	2.84	1 / 104	21.44	24.28	0.268	30.00	-5.72
	$\pi/2$ BPSK	1770.00	H	178	178	2.79	1 / 53	21.28	24.07	0.255	30.00	-5.93
15 MHz	QPSK	1720.00	H	180	163	2.88	1 / 1	20.78	23.65	0.232	30.00	-6.35
	QPSK	1745.00	H	182	148	2.84	1 / 104	21.11	23.95	0.249	30.00	-6.05
	QPSK	1770.00	H	178	178	2.79	1 / 53	21.42	24.21	0.264	30.00	-5.79
	16-QAM	1720.00	H	180	163	2.88	1 / 53	20.23	23.10	0.204	30.00	-6.90
	$\pi/2$ BPSK	1717.50	H	180	163	2.88	1 / 1	20.91	23.79	0.240	30.00	-6.21
	$\pi/2$ BPSK	1745.00	H	182	148	2.84	1 / 77	21.44	24.28	0.268	30.00	-5.72
10 MHz	$\pi/2$ BPSK	1772.50	H	178	178	2.78	1 / 39	21.33	24.11	0.258	30.00	-5.89
	QPSK	1717.50	H	180	163	2.88	1 / 1	20.67	23.55	0.227	30.00	-6.45
	QPSK	1745.00	H	182	148	2.84	1 / 77	21.11	23.95	0.249	30.00	-6.05
	QPSK	1772.50	H	178	178	2.78	1 / 39	21.45	24.23	0.265	30.00	-5.77
	16-QAM	1717.50	H	180	163	2.88	1 / 1	20.28	23.16	0.207	30.00	-6.84
	$\pi/2$ BPSK	1715.00	H	180	163	2.88	1 / 1	21.04	23.92	0.247	30.00	-6.08
5 MHz	$\pi/2$ BPSK	1745.00	H	182	148	2.84	1 / 50	21.40	24.24	0.266	30.00	-5.76
	$\pi/2$ BPSK	1775.00	H	178	178	2.78	1 / 26	21.57	24.34	0.272	30.00	-5.66
	QPSK	1715.00	H	180	163	2.88	1 / 1	20.96	23.84	0.242	30.00	-6.16
	QPSK	1745.00	H	182	148	2.84	1 / 50	21.07	23.91	0.246	30.00	-6.09
	QPSK	1775.00	H	178	178	2.78	1 / 26	21.58	24.35	0.272	30.00	-5.65
	16-QAM	1715.00	H	180	163	2.88	1 / 26	20.42	23.30	0.214	30.00	-6.70
40 MHz	$\pi/2$ BPSK	1712.50	H	180	163	2.89	1 / 12	21.12	24.00	0.251	30.00	-6.00
	$\pi/2$ BPSK	1745.00	H	182	148	2.84	1 / 12	21.44	24.28	0.268	30.00	-5.72
	$\pi/2$ BPSK	1777.50	H	178	178	2.77	1 / 12	21.61	24.38	0.274	30.00	-5.62
	QPSK	1712.50	H	180	163	2.89	1 / 12	20.95	23.83	0.242	30.00	-6.17
	QPSK	1745.00	H	182	148	2.84	1 / 12	21.14	23.98	0.250	30.00	-6.02
	QPSK	1777.50	H	178	178	2.77	1 / 12	21.76	24.53	0.284	30.00	-5.47
40 MHz	16-QAM	1712.50	H	180	163	2.89	1 / 12	20.39	23.27	0.213	30.00	-6.73
	QPSK (CP-OFDM)	1760.00	H	178	178	2.82	1 / 121	19.73	22.55	0.180	30.00	-7.45
	QPSK (Opposite Pol.)	1760.00	V	152	321	2.98	1 / 1	17.11	20.09	0.102	30.00	-9.91

Table 7-37. EIRP Data (NR Band n66) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 208 of 255

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
20 MHz	QPSK	673.00	H	146	282	0.69	1 / 50	18.64	17.18	0.052	34.77	-17.59
	QPSK	680.50	H	149	278	0.81	1 / 99	15.35	14.01	0.025	34.77	-20.76
	QPSK	688.00	H	139	286	0.93	1 / 99	16.82	15.60	0.036	34.77	-19.17
	16-QAM	673.00	H	146	282	0.69	1 / 0	18.03	16.57	0.045	34.77	-18.20
15 MHz	QPSK	670.50	H	146	282	0.65	1 / 74	18.78	17.28	0.053	34.77	-17.50
	QPSK	680.50	H	149	278	0.81	1 / 74	15.36	14.02	0.025	34.77	-20.75
	QPSK	690.50	H	139	286	0.97	1 / 0	16.61	15.43	0.035	34.77	-19.34
	16-QAM	670.50	H	146	282	0.65	1 / 37	18.17	16.67	0.046	34.77	-18.11
10 MHz	QPSK	668.00	H	146	282	0.61	1 / 49	18.89	17.35	0.054	34.77	-17.42
	QPSK	680.50	H	149	278	0.81	1 / 49	15.24	13.90	0.025	34.77	-20.87
	QPSK	693.00	H	139	286	1.01	1 / 0	16.63	15.49	0.035	34.77	-19.28
	16-QAM	668.00	H	146	282	0.61	1 / 49	17.96	16.42	0.044	34.77	-18.35
5 MHz	QPSK	665.50	H	146	282	0.57	1 / 12	18.71	17.13	0.052	34.77	-17.64
	QPSK	680.50	H	149	278	0.81	1 / 24	15.04	13.70	0.023	34.77	-21.07
	QPSK	695.50	H	139	286	1.05	1 / 24	16.67	15.57	0.036	34.77	-19.20
	16-QAM	665.50	H	146	282	0.57	1 / 0	17.98	16.40	0.044	34.77	-18.37
20 MHz	Opposite Pol.	673.00	V	191	231	0.69	1 / 99	12.59	11.13	0.013	34.77	-23.64

Table 7-38. ERP Data (LTE Band 71) – Ant2

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	QPSK	704.00	V	152	297	1.12	1 / 49	18.77	17.74	0.059	34.77	-17.03
	QPSK	707.50	V	149	306	1.14	1 / 49	19.34	18.33	0.068	34.77	-16.44
	QPSK	711.00	V	152	292	1.17	1 / 49	19.39	18.41	0.069	34.77	-16.36
	16-QAM	707.50	V	149	306	1.14	1 / 49	18.44	17.43	0.055	34.77	-17.34
5 MHz	QPSK	701.50	V	152	297	1.10	1 / 12	18.69	17.63	0.058	34.77	-17.14
	QPSK	707.50	V	149	306	1.14	1 / 0	19.33	18.32	0.068	34.77	-16.45
	QPSK	713.50	V	152	292	1.19	1 / 0	19.34	18.39	0.069	34.77	-16.39
	16-QAM	713.50	V	152	292	1.19	1 / 12	18.66	17.70	0.059	34.77	-17.07
3 MHz	QPSK	700.50	V	152	297	1.09	1 / 0	18.71	17.65	0.058	34.77	-17.12
	QPSK	707.50	V	149	306	1.14	1 / 14	19.32	18.32	0.068	34.77	-16.46
	QPSK	714.50	V	152	292	1.20	1 / 0	19.42	18.47	0.070	34.77	-16.30
	16-QAM	707.50	V	149	306	1.14	1 / 7	18.60	17.59	0.057	34.77	-17.18
1.4 MHz	QPSK	699.70	V	152	297	1.08	1 / 0	18.78	17.71	0.059	34.77	-17.06
	QPSK	707.50	V	149	306	1.14	1 / 5	19.27	18.27	0.067	34.77	-16.50
	QPSK	715.30	V	152	292	1.21	1 / 0	19.17	18.23	0.066	34.77	-16.54
	16-QAM	707.50	V	149	306	1.14	1 / 0	18.55	17.55	0.057	34.77	-17.22
10 MHz	Opposite Pol.	711.00	H	134	249	1.17	1 / 49	18.68	17.70	0.059	34.77	-17.07

Table 7-39. ERP Data (LTE Band 12) – Ant2

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	QPSK	782.00	H	250	231	1.09	1 / 49	17.85	16.79	0.048	34.77	-17.99
	16-QAM	782.00	H	250	231	1.09	1 / 49	17.04	15.98	0.040	34.77	-18.80
5 MHz	QPSK	779.50	H	250	231	1.11	1 / 24	17.87	16.83	0.048	34.77	-17.94
	QPSK	782.00	H	250	231	1.09	1 / 12	17.85	16.79	0.048	34.77	-17.98
	QPSK	784.50	H	250	231	1.06	1 / 0	17.82	16.73	0.047	34.77	-18.04
	16-QAM	782.00	H	250	231	1.09	1 / 12	17.35	16.29	0.043	34.77	-18.48
10 MHz	Opposite Pol.	782.00	V	140	308	-0.89	1 / 49	16.25	13.21	0.021	34.77	-21.56

Table 7-40. ERP Data (LTE Band 13) – Ant2

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT								Approved by: Technical Manager			
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset								Page 209 of 255		

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
20 MHz	QPSK	1720.00	H	315	347	2.88	1 / 0	17.62	20.50	0.112	30.00	-9.50
	QPSK	1745.00	H	309	337	2.84	1 / 0	18.37	21.21	0.132	30.00	-8.79
	QPSK	1770.00	H	312	359	2.79	1 / 0	16.52	19.31	0.085	30.00	-10.69
	16-QAM	1745.00	H	309	337	2.84	1 / 0	17.34	20.18	0.104	30.00	-9.82
15 MHz	QPSK	1717.50	H	315	347	2.88	1 / 74	17.76	20.65	0.116	30.00	-9.35
	QPSK	1745.00	H	309	337	2.84	1 / 37	18.46	21.30	0.135	30.00	-8.70
	QPSK	1772.50	H	312	359	2.78	1 / 37	16.31	19.10	0.081	30.00	-10.90
	16-QAM	1745.00	H	309	337	2.84	1 / 37	17.51	20.36	0.109	30.00	-9.64
10 MHz	QPSK	1715.00	H	315	347	2.88	1 / 49	17.77	20.65	0.116	30.00	-9.35
	QPSK	1745.00	H	309	337	2.84	1 / 49	18.36	21.20	0.132	30.00	-8.80
	QPSK	1775.00	H	312	359	2.78	1 / 0	16.11	18.89	0.077	30.00	-11.11
	16-QAM	1745.00	H	309	337	2.84	1 / 49	17.39	20.24	0.106	30.00	-9.76
5 MHz	QPSK	1712.50	H	315	347	2.89	1 / 24	17.62	20.51	0.112	30.00	-9.49
	QPSK	1745.00	H	309	337	2.84	1 / 12	18.55	21.40	0.138	30.00	-8.60
	QPSK	1777.50	H	312	359	2.77	1 / 24	16.18	18.95	0.079	30.00	-11.05
	16-QAM	1745.00	H	309	337	2.84	1 / 24	17.56	20.40	0.110	30.00	-9.60
3 MHz	QPSK	1711.50	H	315	347	2.89	1 / 14	17.75	20.64	0.116	30.00	-9.36
	QPSK	1745.00	H	309	337	2.84	1 / 0	18.48	21.32	0.136	30.00	-8.68
	QPSK	1778.50	H	312	359	2.77	1 / 14	16.17	18.94	0.078	30.00	-11.06
	16-QAM	1745.00	H	309	337	2.84	1 / 14	17.44	20.28	0.107	30.00	-9.72
1.4 MHz	QPSK	1710.70	H	315	347	2.89	1 / 5	17.60	20.49	0.112	30.00	-9.51
	QPSK	1745.00	H	309	337	2.84	1 / 0	18.47	21.31	0.135	30.00	-8.69
	QPSK	1779.30	H	312	359	2.77	1 / 0	15.95	18.72	0.074	30.00	-11.28
	16-QAM	1745.00	H	309	337	2.84	1 / 5	17.41	20.26	0.106	30.00	-9.74
20 MHz	Opposite Pol.	1745.00	V	156	17	2.84	1 / 99	17.32	20.16	0.104	30.00	-9.84

Table 7-41. EIRP Data (LTE Band 66/4) – Ant2

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
20 MHz	$\pi/2$ BPSK	673.00	H	185	277	0.69	1 / 53	18.97	17.51	0.056	34.77	-17.26
	$\pi/2$ BPSK	680.50	H	185	277	0.81	1 / 104	19.38	18.04	0.064	34.77	-16.73
	$\pi/2$ BPSK	688.00	H	193	272	0.93	1 / 53	19.49	18.27	0.067	34.77	-16.50
	QPSK	673.00	H	200	272	0.69	1 / 53	18.76	17.30	0.054	34.77	-17.47
	QPSK	680.50	H	185	277	0.81	1 / 104	19.39	18.05	0.064	34.77	-16.72
	QPSK	688.00	H	193	272	0.93	1 / 53	19.29	18.07	0.064	34.77	-16.70
	16-QAM	688.00	H	193	272	0.93	1 / 53	18.59	17.37	0.055	34.77	-17.40
15 MHz	$\pi/2$ BPSK	670.50	H	185	277	0.65	1 / 39	19.12	17.62	0.058	34.77	-17.15
	$\pi/2$ BPSK	680.50	H	185	277	0.81	1 / 1	19.32	17.98	0.063	34.77	-16.79
	$\pi/2$ BPSK	690.50	H	193	272	0.97	1 / 39	19.35	18.17	0.066	34.77	-16.60
	QPSK	670.50	H	200	272	0.65	1 / 39	18.99	17.49	0.056	34.77	-17.28
	QPSK	680.50	H	185	277	0.81	1 / 1	19.33	17.99	0.063	34.77	-16.78
	QPSK	690.50	H	193	272	0.97	1 / 39	19.30	18.12	0.065	34.77	-16.65
	16-QAM	690.50	H	193	272	0.97	1 / 1	18.48	17.30	0.054	34.77	-17.47
10 MHz	$\pi/2$ BPSK	668.00	H	185	277	0.61	1 / 26	19.31	17.77	0.060	34.77	-17.00
	$\pi/2$ BPSK	680.50	H	185	277	0.81	1 / 26	19.31	17.97	0.063	34.77	-16.80
	$\pi/2$ BPSK	693.00	H	193	272	1.01	1 / 26	19.21	18.07	0.064	34.77	-16.70
	QPSK	668.00	H	200	272	0.61	1 / 26	19.10	17.56	0.057	34.77	-17.21
	QPSK	680.50	H	185	277	0.81	1 / 1	19.30	17.96	0.063	34.77	-16.81
	QPSK	693.00	H	193	272	1.01	1 / 26	19.16	18.02	0.063	34.77	-16.75
	16-QAM	693.00	H	193	272	1.01	1 / 1	18.40	17.26	0.053	34.77	-17.51
5 MHz	$\pi/2$ BPSK	665.50	H	185	277	0.57	1 / 1	19.30	17.72	0.059	34.77	-17.05
	$\pi/2$ BPSK	680.50	H	185	277	0.81	1 / 12	19.33	17.99	0.063	34.77	-16.78
	$\pi/2$ BPSK	695.50	H	193	272	1.05	1 / 12	19.18	18.08	0.064	34.77	-16.69
	QPSK	665.50	H	200	272	0.57	1 / 23	19.11	17.53	0.057	34.77	-17.24
	QPSK	680.50	H	185	277	0.81	1 / 12	19.24	17.90	0.062	34.77	-16.87
	QPSK	695.50	H	193	272	1.05	1 / 12	19.18	18.08	0.064	34.77	-16.69
	16-QAM	695.50	H	193	272	1.05	1 / 12	18.35	17.25	0.053	34.77	-17.52
20 MHz	QPSK (CP-OFDM)	688.00	H	193	272	0.93	1 / 104	17.45	16.23	0.042	34.77	-18.54
	QPSK (Opposite Pol.)	688.00	V	133	256	0.86	1 / 53	17.99	16.70	0.047	34.77	-18.08

Table 7-42. EIRP Data (NR Band n71) – Ant2

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 210 of 255

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
15 MHz	$\pi/2$ BPSK	1702.50	V	162	16	2.87	1 / 39	17.41	20.28	0.107	30.00	-9.72
	QPSK	1702.50	V	162	16	2.87	1 / 39	17.16	20.03	0.101	30.00	-9.97
	16-QAM	1702.50	V	162	16	2.87	1 / 39	16.33	19.20	0.083	30.00	-10.80
10 MHz	$\pi/2$ BPSK	1700.00	V	162	16	2.86	1 / 26	17.26	20.13	0.103	30.00	-9.87
	$\pi/2$ BPSK	1702.50	V	162	16	2.87	1 / 26	17.43	20.30	0.107	30.00	-9.70
	$\pi/2$ BPSK	1705.00	V	162	16	2.87	1 / 26	17.52	20.39	0.109	30.00	-9.61
	QPSK	1700.00	V	162	16	2.86	1 / 50	17.21	20.08	0.102	30.00	-9.92
	QPSK	1702.50	V	162	16	2.87	1 / 26	17.22	20.09	0.102	30.00	-9.91
	QPSK	1705.00	V	162	16	2.87	1 / 26	17.30	20.17	0.104	30.00	-9.83
	16-QAM	1705.00	V	162	16	2.87	1 / 26	16.52	19.39	0.087	30.00	-10.61
5 MHz	$\pi/2$ BPSK	1697.50	V	162	16	2.86	1 / 12	17.38	20.25	0.106	30.00	-9.75
	$\pi/2$ BPSK	1702.50	V	162	16	2.87	1 / 12	17.43	20.30	0.107	30.00	-9.70
	$\pi/2$ BPSK	1707.50	V	162	16	2.88	1 / 12	17.46	20.34	0.108	30.00	-9.66
	QPSK	1697.50	V	162	16	2.86	1 / 12	17.35	20.22	0.105	30.00	-9.78
	QPSK	1702.50	V	162	16	2.87	1 / 23	17.21	20.08	0.102	30.00	-9.92
	QPSK	1707.50	V	162	16	2.88	1 / 12	17.36	20.24	0.106	30.00	-9.76
15 MHz	16-QAM	1697.50	V	162	16	2.86	1 / 12	16.47	19.34	0.086	30.00	-10.66
	QPSK (CP-OFDM)	1702.50	V	162	16	2.87	1 / 39	16.12	18.99	0.079	30.00	-11.01
	QPSK (Opposite Pol.)	1702.50	H	263	345	2.90	1 / 39	16.30	19.20	0.083	30.00	-10.80

Table 7-43. EIRP Data (NR Band n70) – Ant2

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 211 of 255

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]
40 MHz	$\pi/2$ BPSK	1730.00	V	116	205	2.92	1 / 1	18.39	21.31	0.135	30.00	-8.69
	$\pi/2$ BPSK	1745.00	V	120	204	2.94	1 / 158	18.50	21.44	0.139	30.00	-8.56
	$\pi/2$ BPSK	1760.00	V	109	212	2.99	1 / 1	19.33	22.32	0.170	30.00	-7.68
	QPSK	1730.00	V	116	205	2.92	1 / 1	18.24	21.16	0.130	30.00	-8.84
	QPSK	1745.00	V	120	204	2.94	1 / 80	18.26	21.20	0.132	30.00	-8.80
	QPSK	1760.00	V	109	212	2.99	1 / 1	18.92	21.91	0.155	30.00	-8.09
30 MHz	16-QAM	1760.00	V	109	212	2.99	1 / 1	18.14	21.13	0.130	30.00	-8.87
	$\pi/2$ BPSK	1725.00	V	116	205	2.91	1 / 80	18.39	21.30	0.135	30.00	-8.70
	$\pi/2$ BPSK	1745.00	V	120	204	2.94	1 / 80	18.84	21.78	0.151	30.00	-8.22
	$\pi/2$ BPSK	1765.00	V	109	212	3.00	1 / 80	19.21	22.22	0.167	30.00	-7.78
	QPSK	1725.00	V	116	205	2.91	1 / 80	18.30	21.21	0.132	30.00	-8.79
	QPSK	1745.00	V	120	204	2.94	1 / 1	18.33	21.27	0.134	30.00	-8.73
25 MHz	QPSK	1765.00	V	109	212	3.00	1 / 1	18.92	21.93	0.156	30.00	-8.07
	16-QAM	1765.00	V	109	212	3.00	1 / 80	18.15	21.16	0.131	30.00	-8.84
	$\pi/2$ BPSK	1722.5	V	116	205	2.90	1 / 66	18.37	21.28	0.134	30.00	-8.72
	$\pi/2$ BPSK	1745.0	V	120	204	2.94	1 / 66	18.80	21.74	0.149	30.00	-8.26
	$\pi/2$ BPSK	1767.5	V	109	212	3.01	1 / 66	19.17	22.19	0.165	30.00	-7.81
	QPSK	1722.5	V	116	205	2.90	1 / 66	18.19	21.10	0.129	30.00	-8.90
20 MHz	QPSK	1745.0	V	120	204	2.94	1 / 66	18.43	21.37	0.137	30.00	-8.63
	QPSK	1767.5	V	109	212	3.01	1 / 1	18.84	21.86	0.153	30.00	-8.14
	16-QAM	1767.5	V	109	212	3.01	1 / 66	18.12	21.14	0.130	30.00	-8.86
	$\pi/2$ BPSK	1720.00	V	116	205	2.90	1 / 53	18.33	21.23	0.133	30.00	-8.77
	$\pi/2$ BPSK	1745.00	V	120	204	2.94	1 / 53	18.78	21.72	0.149	30.00	-8.28
	$\pi/2$ BPSK	1770.00	V	109	212	3.02	1 / 53	19.09	22.11	0.162	30.00	-7.89
15 MHz	QPSK	1720.00	V	116	205	2.90	1 / 53	18.22	21.12	0.129	30.00	-8.88
	QPSK	1745.00	V	120	204	2.94	1 / 1	18.31	21.25	0.133	30.00	-8.75
	QPSK	1770.00	V	109	212	3.02	1 / 1	18.76	21.78	0.151	30.00	-8.22
	16-QAM	1770.00	V	109	212	3.02	1 / 1	18.01	21.03	0.127	30.00	-8.97
	$\pi/2$ BPSK	1717.50	V	116	205	2.89	1 / 39	18.34	21.24	0.133	30.00	-8.76
	$\pi/2$ BPSK	1745.00	V	120	204	2.94	1 / 39	18.84	21.78	0.151	30.00	-8.22
10 MHz	$\pi/2$ BPSK	1772.50	V	109	212	3.03	1 / 39	18.97	22.00	0.158	30.00	-8.00
	QPSK	1717.50	V	116	205	2.89	1 / 39	18.30	21.20	0.132	30.00	-8.80
	QPSK	1745.00	V	120	204	2.94	1 / 39	18.43	21.37	0.137	30.00	-8.63
	QPSK	1772.50	V	109	212	3.03	1 / 1	18.66	21.69	0.147	30.00	-8.31
	16-QAM	1772.50	V	109	212	3.03	1 / 1	17.89	20.92	0.123	30.00	-9.08
	$\pi/2$ BPSK	1715.00	V	116	205	2.89	1 / 26	18.41	21.30	0.135	30.00	-8.70
5 MHz	$\pi/2$ BPSK	1745.00	V	120	204	2.94	1 / 26	18.78	21.72	0.149	30.00	-8.28
	$\pi/2$ BPSK	1775.00	V	109	212	3.04	1 / 26	19.08	22.12	0.163	30.00	-7.88
	QPSK	1715.00	V	116	205	2.89	1 / 26	18.33	21.22	0.132	30.00	-8.78
	QPSK	1745.00	V	120	204	2.94	1 / 1	18.27	21.21	0.132	30.00	-8.79
	QPSK	1775.00	V	109	212	3.04	1 / 1	18.70	21.74	0.149	30.00	-8.26
	16-QAM	1775.00	V	109	212	3.04	1 / 26	17.98	21.02	0.126	30.00	-8.98
5 MHz	$\pi/2$ BPSK	1712.50	V	116	205	2.88	1 / 12	18.18	21.07	0.128	30.00	-8.93
	$\pi/2$ BPSK	1745.00	V	120	204	2.94	1 / 12	18.82	21.76	0.150	30.00	-8.24
	$\pi/2$ BPSK	1777.50	V	109	212	3.05	1 / 12	18.99	22.04	0.160	30.00	-7.96
	QPSK	1712.50	V	116	205	2.88	1 / 12	18.28	21.17	0.131	30.00	-8.83
	QPSK	1745.00	V	120	204	2.94	1 / 12	18.42	21.36	0.137	30.00	-8.64
	QPSK	1777.50	V	109	212	3.05	1 / 12	18.70	21.75	0.149	30.00	-8.25
5 MHz	16-QAM	1777.50	V	109	212	3.05	1 / 12	17.78	20.83	0.121	30.00	-9.17

Table 7-44. EIRP Data (NR Band n66) – Ant2

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 212 of 255

7.8 Radiated Spurious Emissions Measurements

Test Overview

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

Test Procedures Used

ANSI C63.26-2015 – Section 5.5.4

Test Settings

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

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 213 of 255

Test Setup

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

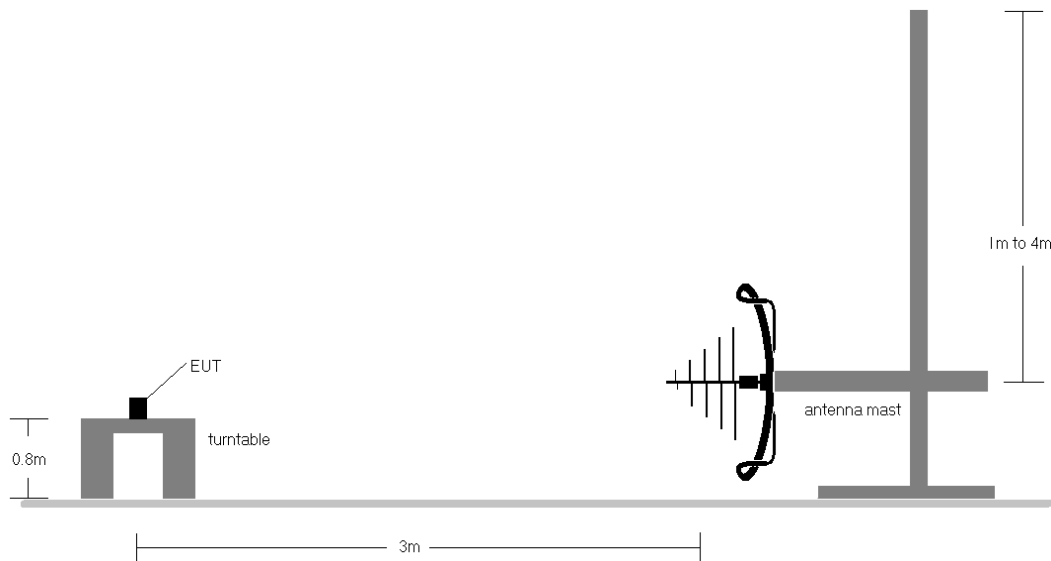


Figure 7-8. Test Instrument & Measurement Setup < 1GHz

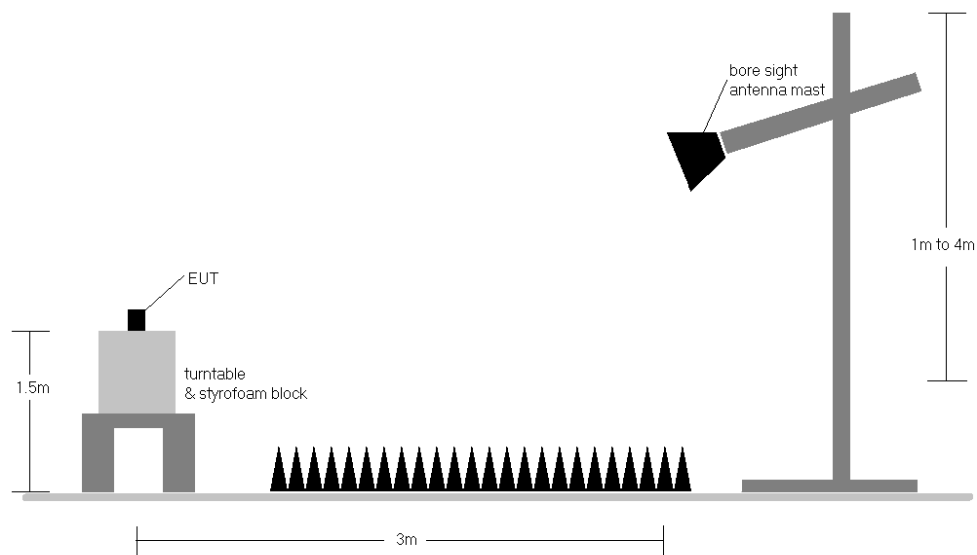


Figure 7-9. Test Instrument & Measurement Setup > 1GHz

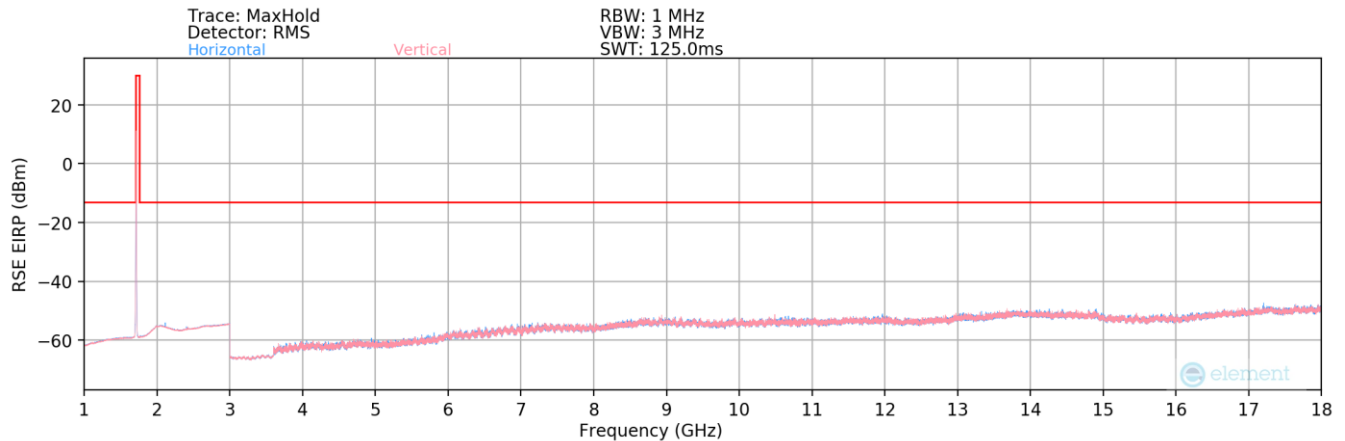
FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 214 of 255

Test Notes

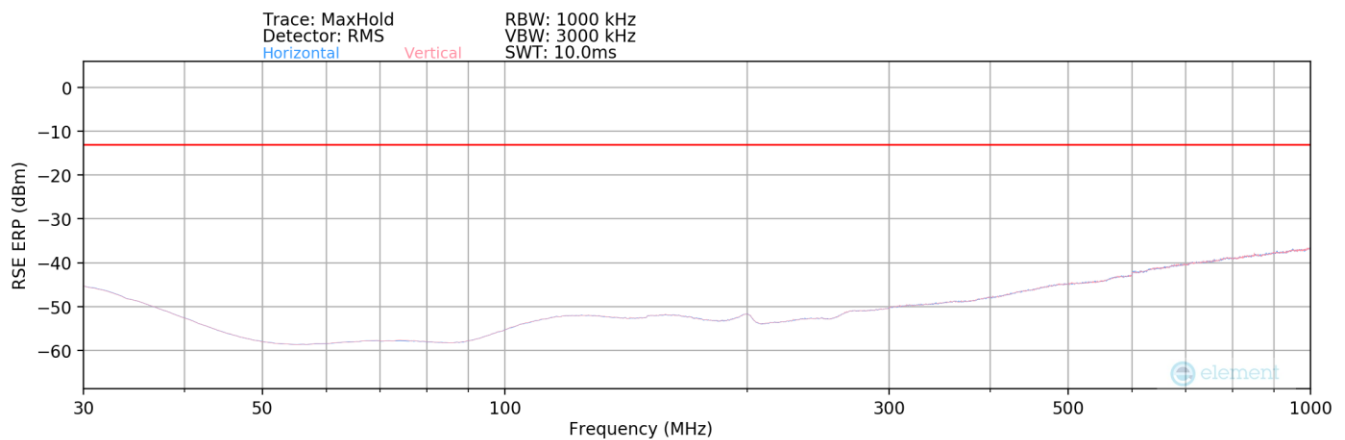
- 1) Field strengths are calculated using the Measurement quantity conversions in ANSI C63.26-2015 Section 5.2.7:
 - a) $E(\text{dB}\mu\text{V/m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b) $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V/m}) + 20\log D - 104.8$; where D is the measurement distance in meters.
- 2) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 3) This unit was tested with its standard battery.
- 4) The spectrum is measured from 9kHz to the 10th harmonic of the fundamental frequency of the transmitter. The worst-case emissions are reported.
- 5) Emissions below 18GHz were measured at a 3 meter test distance while emissions above 18GHz were measured at a 1 meter test distance with the application of a distance correction factor.
- 6) The "-" shown in the following RSE tables are used to denote a noise floor measurement.
- 7) For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.
- 8) Spurious emissions shown in this section are measured while operating in EN-DC mode with Sub 6GHz NR carrier as well as an LTE carrier (anchor). Spurious emissions from the NR carrier device, is subject to the rules under which the NR carrier operates. Spurious emissions caused by the LTE carrier must meet the requirements of the rules under which the LTE carrier operates.

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 215 of 255

WCDMA AWS – Ant1



Plot 7-280. Radiated Spurious Plot (WCDMA AWS) – Ant1



Plot 7-281. Radiated Spurious Plot (WCDMA AWS) – Ant1

Mode:	WCDMA RMC
Channel:	1513
Frequency (MHz):	1752.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
138.99	H	-	-	-81.94	19.78	44.84	-52.56	-13.00	-39.56
254.59	H	-	-	-79.90	18.99	46.09	-51.32	-13.00	-38.32
340.44	H	-	-	-80.95	21.90	47.95	-49.46	-13.00	-36.46
749.74	H	-	-	-77.99	29.41	58.42	-38.99	-13.00	-25.99
984.73	H	-	-	-77.18	31.85	61.67	-35.74	-13.00	-22.74

Table 7-45. Radiated Spurious Data (WCDMA-AWS) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset		Page 216 of 255

Mode:	WCDMA RMC
Channel:	1312
Frequency (MHz):	1712.4

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3424.80	H	-	-	-77.30	0.28	29.98	-65.28	-13.00	-52.28
5137.20	H	-	-	-78.72	3.32	31.60	-63.65	-13.00	-50.65
6849.60	H	-	-	-78.34	8.81	37.47	-57.78	-13.00	-44.78
8562.00	H	-	-	-79.18	11.00	38.82	-56.44	-13.00	-43.44

Table 7-46. Radiated Spurious Data (WCDMA-AWS – Low Channel) – Ant1

Mode:	WCDMA RMC
Channel:	1413
Frequency (MHz):	1732.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3465.20	H	-	-	-77.38	0.13	29.75	-65.51	-13.00	-52.51
5197.80	H	-	-	-78.48	3.38	31.90	-63.36	-13.00	-50.36
6930.40	H	-	-	-78.22	8.37	37.15	-58.11	-13.00	-45.11
8663.00	H	-	-	-79.17	11.49	39.32	-55.94	-13.00	-42.94

Table 7-47. Radiated Spurious Data (WCDMA-AWS – Mid Channel) – Ant1

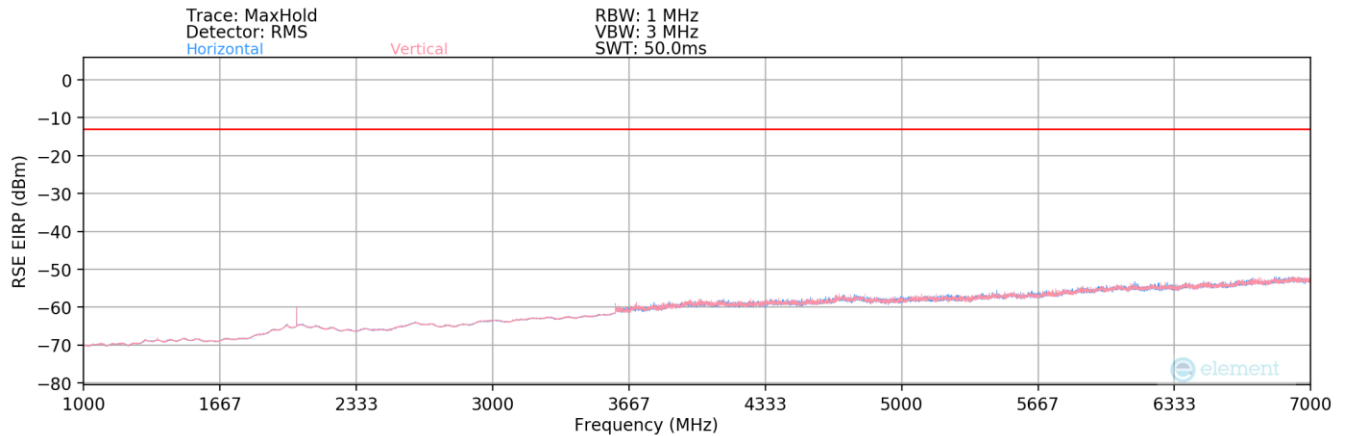
Mode:	WCDMA RMC
Channel:	1513
Frequency (MHz):	1752.6

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3505.20	H	-	-	-77.37	0.06	29.69	-65.57	-13.00	-52.57
5257.80	H	-	-	-78.02	3.24	32.22	-63.04	-13.00	-50.04
7010.40	H	-	-	-78.30	7.93	36.63	-58.63	-13.00	-45.63
8763.00	H	-	-	-79.18	11.00	38.82	-56.44	-13.00	-43.44

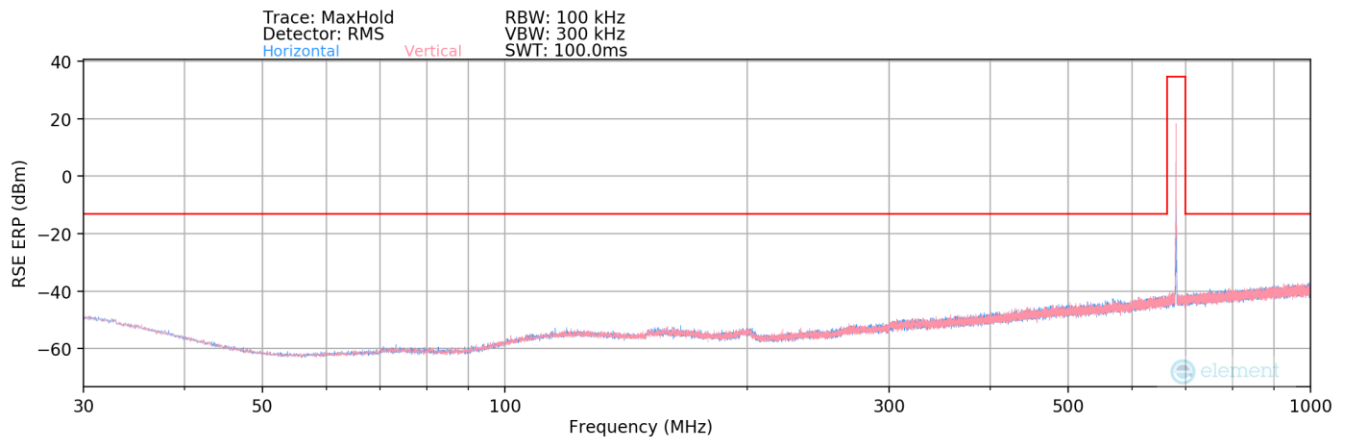
Table 7-48. Radiated Spurious Data (WCDMA-AWS– High Channel) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 217 of 255

LTE Band 71 – Ant1



Plot 7-282. Radiated Spurious Plot (LTE Band 71) – Ant1



Plot 7-283. Radiated Spurious Plot (LTE Band 71) – Ant1

Bandwidth (MHz):	20
Frequency (MHz):	680.5
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
294.85	H	-	-	-79.28	21.00	48.72	-48.68	-13.00	-35.68
328.25	H	-	-	-78.17	21.72	50.55	-46.86	-13.00	-33.86
386.90	H	-	-	-77.94	23.09	52.15	-45.25	-13.00	-32.25
521.90	H	-	-	-77.35	26.19	55.84	-41.57	-13.00	-28.57
612.75	H	-	-	-76.38	27.11	57.73	-39.67	-13.00	-26.67
789.10	H	-	-	-76.67	30.13	60.46	-36.95	-13.00	-23.95

Table 7-49. Radiated Spurious Data (LTE Band 71) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset		Page 218 of 255

Bandwidth (MHz):	20
Frequency (MHz):	673
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1346.00	H	-	-	-73.11	-10.54	23.35	-71.91	-13.00	-58.91
2019.00	H	170	160	-69.01	-6.03	31.96	-63.30	-13.00	-50.30
2692.00	H	-	-	-73.22	-6.65	27.13	-68.12	-13.00	-55.12
3365.00	H	-	-	-72.90	-4.37	29.73	-65.52	-13.00	-52.52

Table 7-50. Radiated Spurious Data (LTE Band 71 – Low Channel) – Ant1

Bandwidth (MHz):	20
Frequency (MHz):	680.5
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1361.00	H	-	-	-77.77	-10.56	18.67	-76.59	-13.00	-63.59
2041.50	H	134	158	-65.83	-5.79	35.38	-59.88	-13.00	-46.88
2722.00	H	-	-	-73.06	-6.61	27.33	-67.93	-13.00	-54.93
3402.50	H	-	-	-72.86	-4.40	29.74	-65.52	-13.00	-52.52

Table 7-51. Radiated Spurious Data (LTE Band 71 – Mid Channel) – Ant1

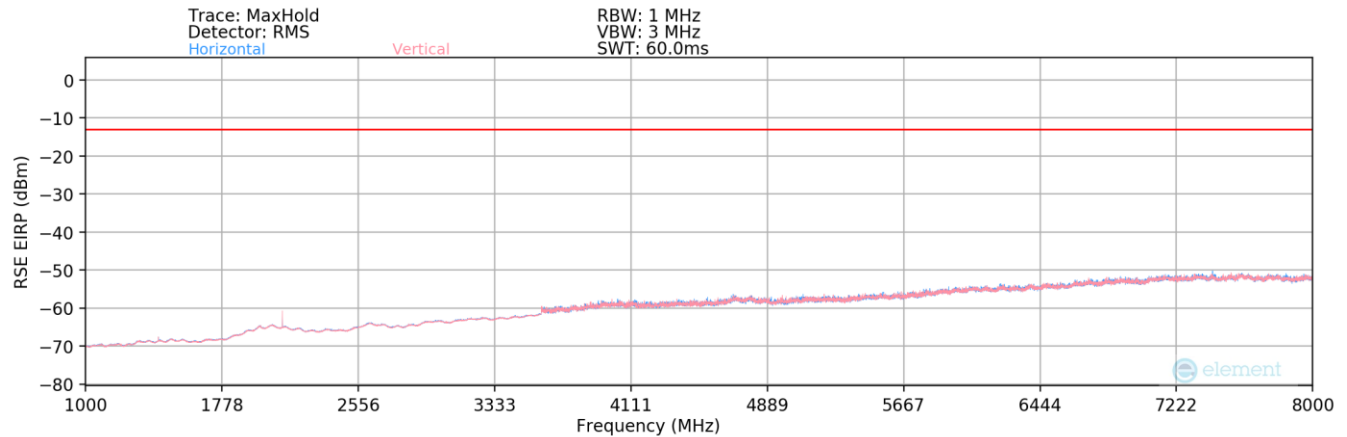
Bandwidth (MHz):	20
Frequency (MHz):	688
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1376.00	H	253	5	-72.49	-10.51	24.00	-71.26	-13.00	-58.26
2064.00	H	185	180	-68.65	-6.01	32.34	-62.92	-13.00	-49.92
2752.00	H	-	-	-73.09	-6.45	27.46	-67.80	-13.00	-54.80
3440.00	H	-	-	-72.58	-4.55	29.87	-65.39	-13.00	-52.39

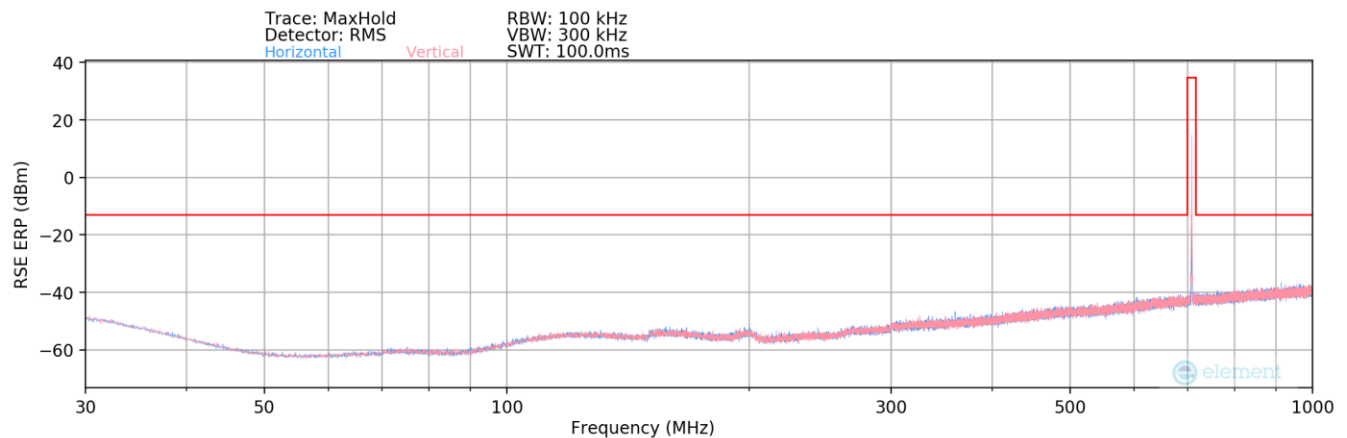
Table 7-52. Radiated Spurious Data (LTE Band 71 – High Channel) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 219 of 255

LTE Band 12 – Ant1



Plot 7-284. Radiated Spurious Plot (LTE Band 12) – Ant1



Plot 7-285. Radiated Spurious Plot (LTE Band 12) – Ant1

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
217.30	H	-	-	-79.43	17.87	45.44	-51.97	-13.00	-38.97
323.35	H	-	-	-78.39	21.63	50.24	-47.17	-13.00	-34.17
355.40	H	-	-	-77.57	22.28	51.71	-45.69	-13.00	-32.69
462.70	H	-	-	-78.20	25.17	53.97	-43.44	-13.00	-30.44
990.65	H	-	-	-76.27	32.07	62.80	-34.61	-13.00	-21.61

Table 7-53. Radiated Spurious Data (LTE Band 12) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset		Page 220 of 255

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1408.00	H	390	95	-68.49	-7.04	31.47	-63.79	-13.00	-50.79
2112.00	H	-	-	-73.64	-2.89	30.47	-64.79	-13.00	-51.79
2816.00	H	-	-	-73.69	-3.05	30.26	-64.99	-13.00	-51.99
3520.00	H	131	5	-72.76	-0.36	33.88	-61.38	-13.00	-48.38
4224.00	H	-	-	-73.47	1.50	35.03	-60.23	-13.00	-47.23

Table 7-54. Radiated Spurious Data (LTE Band 12 – Low Channel) – Ant1

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1415.00	H	170	22	-72.26	-7.01	-72.26	-63.79	-13.00	-50.79
2122.50	H	151	103	-69.39	-2.94	-69.39	-63.79	-13.00	-50.79
2830.00	H	-	-	-73.71	-2.81	-73.71	-64.79	-13.00	-51.79
3537.50	H	-	-	-73.54	-0.25	-73.54	-64.99	-13.00	-51.99
4245.00	H	-	-	-73.94	1.57	-73.94	-61.38	-13.00	-48.38
4952.50	H	-	-	-74.11	2.60	-74.11	-60.23	-13.00	-47.23

Table 7-55. Radiated Spurious Data (LTE Band 12 – Mid Channel) – Ant1

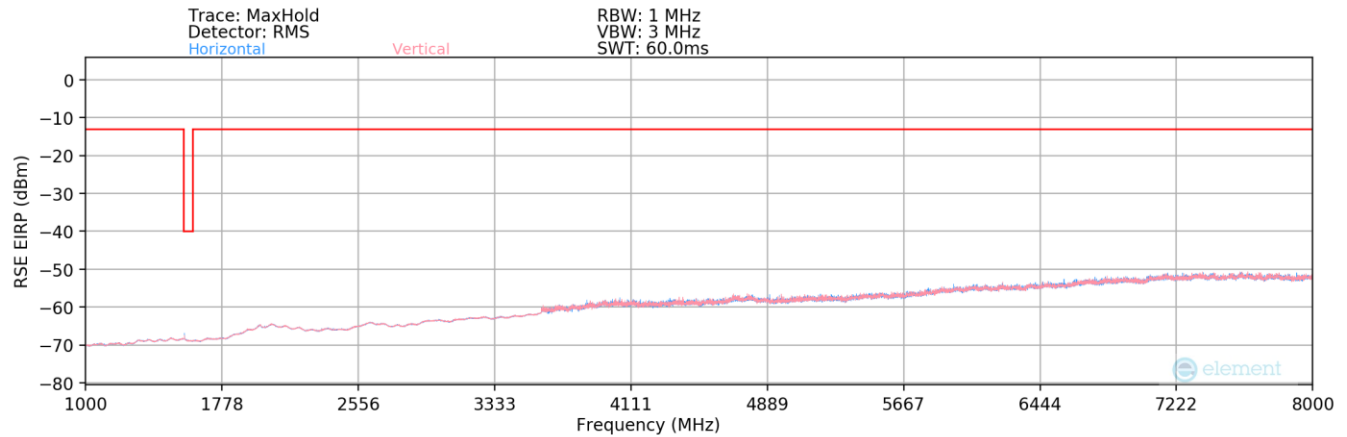
Bandwidth (MHz):	10
Frequency (MHz):	711
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1422.00	H	307	267	-68.70	-6.99	31.31	-63.95	-13.00	-50.95
2133.00	H	330	283	-72.78	-3.00	31.22	-64.04	-13.00	-51.04
2844.00	H	-	-	-74.13	-2.71	30.16	-65.10	-13.00	-52.10
3555.00	H	196	262	-71.38	-0.15	35.47	-59.79	-13.00	-46.79
4266.00	H	-	-	-73.94	1.70	34.76	-60.50	-13.00	-47.50
4977.00	H	-	-	-74.10	2.62	35.52	-59.74	-13.00	-46.74

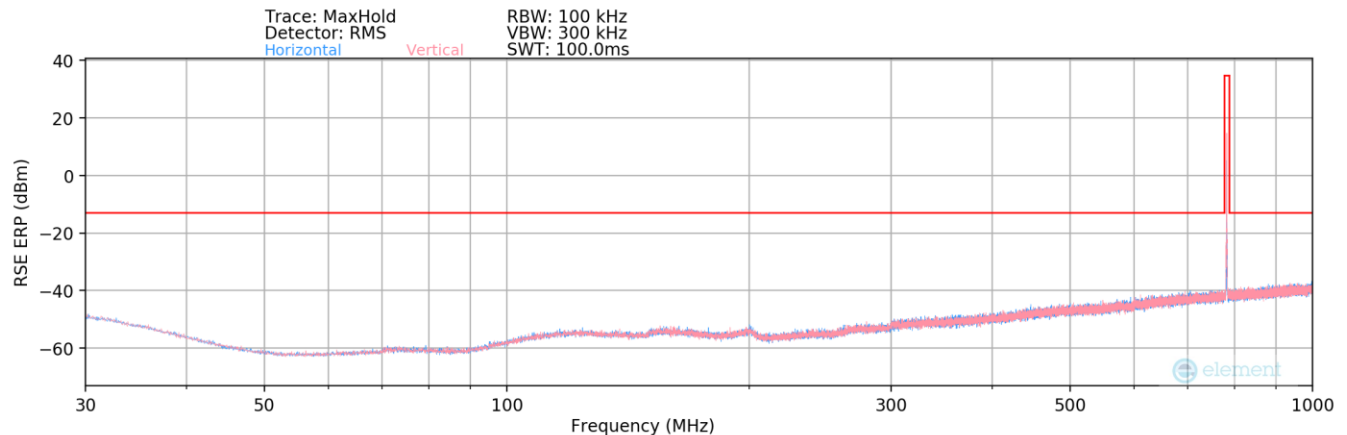
Table 7-56. Radiated Spurious Data (LTE Band 12 – High Channel) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 221 of 255

LTE Band 13 – Ant1



Plot 7-286. Radiated Spurious Plot (LTE Band 13) – Ant1



Plot 7-287. Radiated Spurious Plot (LTE Band 13) – Ant1

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
316.05	V	-	-	-78.81	21.58	49.77	-47.64	-13.00	-34.64
409.85	V	-	-	-78.43	23.62	52.19	-45.22	-13.00	-32.22
549.70	V	-	-	-78.06	26.41	55.35	-42.05	-13.00	-29.05
636.85	V	-	-	-77.31	27.95	57.64	-39.77	-13.00	-26.77
959.10	V	-	-	-76.88	31.86	61.98	-35.43	-13.00	-22.43

Table 7-57. Radiated Spurious Data (LTE Band 13) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 222 of 255

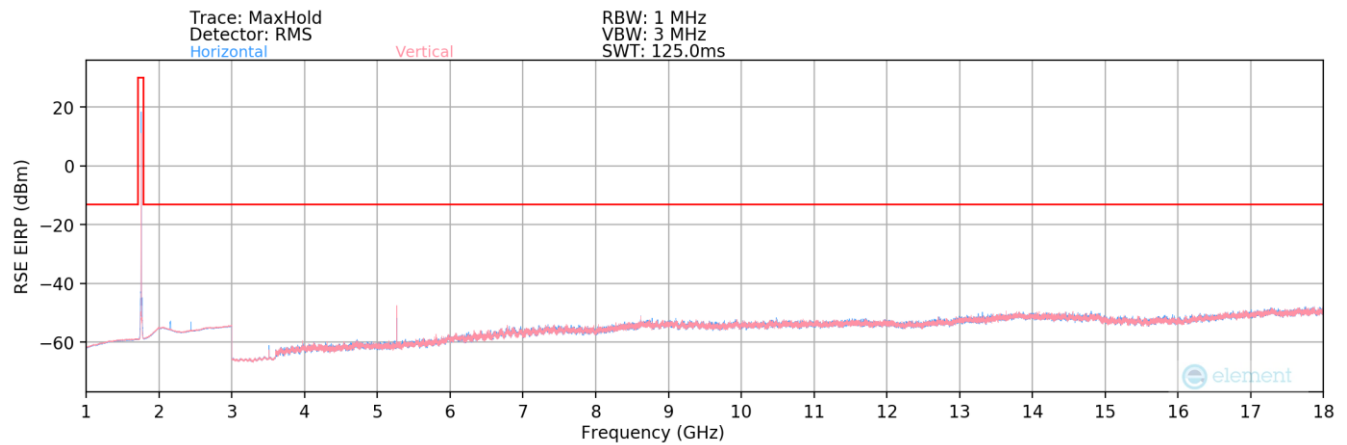
Bandwidth (MHz):	10
Frequency (MHz):	782
RB / Offset:	1 / 25

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1564.00	V	122	106	-71.53	-6.81	28.66	-66.60	-40.00	-26.60
2346.00	V	139	199	-73.22	-4.05	29.73	-65.53	-13.00	-52.53
3128.00	V	-	-	-72.88	-1.75	32.37	-62.89	-13.00	-49.89
3910.00	V	-	-	-73.61	1.27	34.66	-60.60	-13.00	-47.60

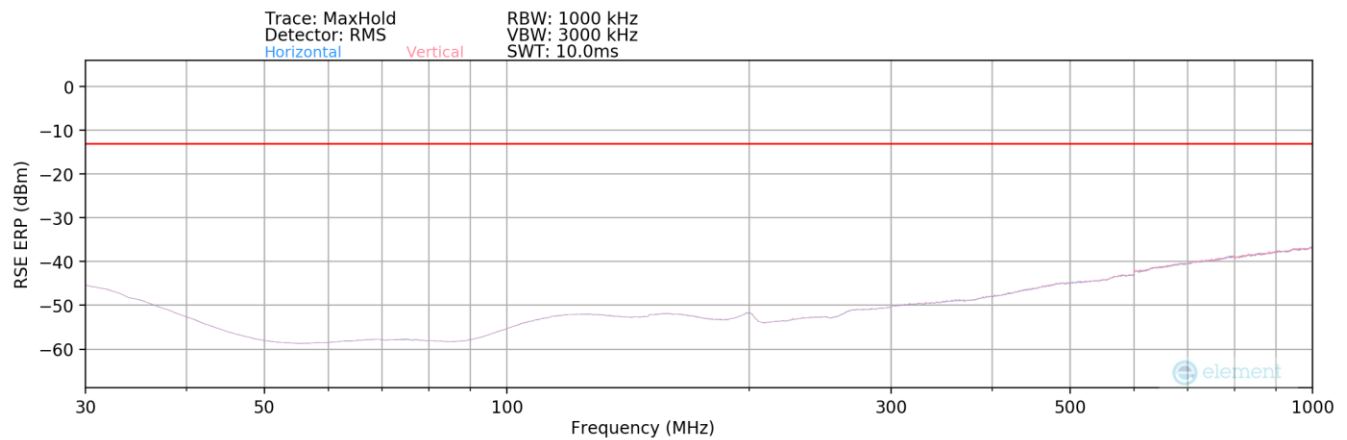
Table 7-58. Radiated Spurious Data (LTE Band 13 – Mid Channel) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 223 of 255

LTE Band 66/4 – Ant1



Plot 7-288. Radiated Spurious Plot (LTE Band 66/4) – Ant1



Plot 7-289. Radiated Spurious Plot (LTE Band 66/4) – Ant1

Bandwidth (MHz):	20
Frequency (MHz):	1745
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
30.97	H	-	-	-83.25	26.63	50.38	-47.02	-13.00	-34.02
44.55	H	-	-	-82.48	17.08	41.60	-55.80	-13.00	-42.80
656.14	H	-	-	-78.06	28.13	57.07	-40.33	-13.00	-27.33
708.52	H	-	-	-78.04	29.05	58.01	-39.40	-13.00	-26.40
766.72	H	-	-	-77.89	29.44	58.55	-38.86	-13.00	-25.86
990.30	H	-	-	-78.12	32.06	60.94	-36.47	-13.00	-23.47

Table 7-59. Radiated Spurious Data (LTE Band 66/4) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset		Page 224 of 255

Bandwidth (MHz):	20
Frequency (MHz):	1720
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3440.00	H	167	29	-75.53	0.33	31.80	-63.46	-13.00	-50.46
5160.00	H	227	175	-66.49	3.24	43.75	-51.51	-13.00	-38.51
6880.00	H	-	-	-78.12	8.80	37.68	-57.58	-13.00	-44.58
8600.00	H	-	-	-78.63	11.52	39.89	-55.37	-13.00	-42.37

Table 7-60. Radiated Spurious Data (LTE Band 66/4 – Low Channel) – Ant1

Bandwidth (MHz):	20
Frequency (MHz):	1745
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3490.00	H	211	29	-75.07	0.06	31.99	-63.27	-13.00	-50.27
5235.00	H	187	167	-67.73	3.37	42.64	-52.62	-13.00	-39.62
6980.00	H	-	-	-77.89	7.96	37.07	-58.19	-13.00	-45.19
8725.00	H	302	76	-79.13	11.68	39.55	-55.71	-13.00	-42.71
10470.00	H	-	-	-79.84	12.70	39.86	-55.40	-13.00	-42.40

Table 7-61. Radiated Spurious Data (LTE Band 66/4 – Mid Channel) – Ant1

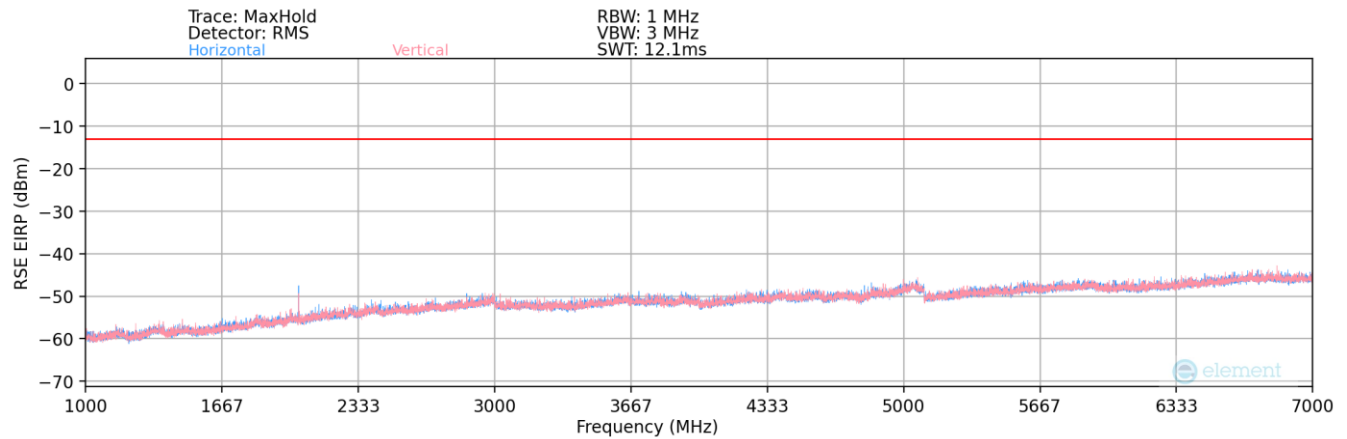
Bandwidth (MHz):	20
Frequency (MHz):	1770
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3540.00	H	129	360	-74.26	-0.29	32.45	-62.80	-13.00	-49.80
5310.00	H	349	360	-65.35	3.22	44.87	-50.39	-13.00	-37.39
7080.00	H	162	360	-77.62	8.62	38.00	-57.26	-13.00	-44.26
8850.00	H	-	-	-78.73	11.64	39.91	-55.35	-13.00	-42.35
10620.00	H	-	-	-79.73	13.19	40.46	-54.80	-13.00	-41.80

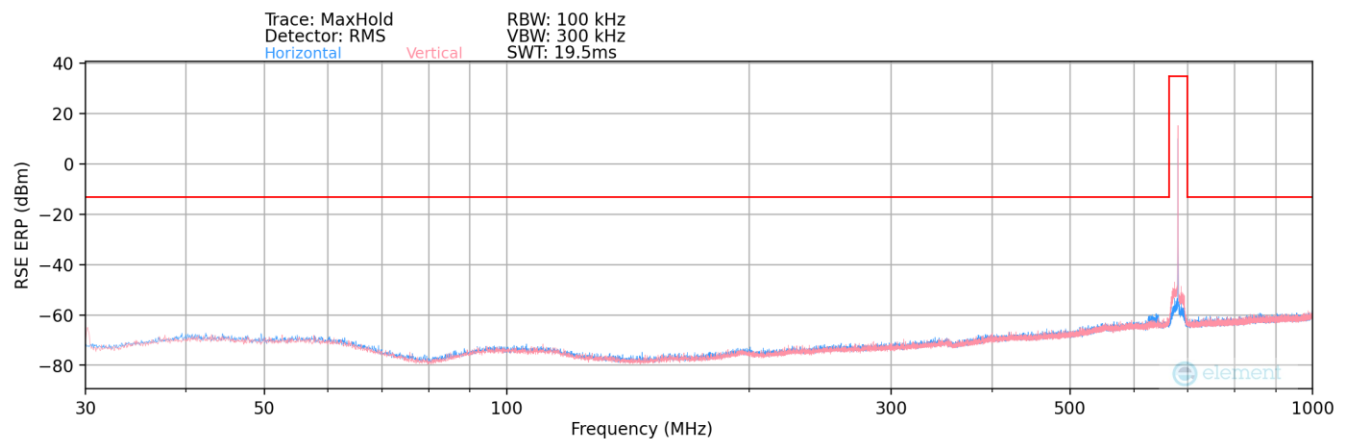
Table 7-62. Radiated Spurious Data (LTE Band 66/4 – High Channel) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 225 of 255

NR Band n71 – Ant1



Plot 7-290. Radiated Spurious Plot (NR Band n70) – Ant1



Plot 7-291. Radiated Spurious Plot (NR Band n70) – Ant1

Bandwidth (MHz):	20
Frequency (MHz):	680.5
RB / Offset:	1 / 53
Detector / Trace Mode:	RMS / Average

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
100.00	H	-	-	-79.07	-14.95	12.98	-84.42	-13.00	-71.42

Table 7-63. Radiated Spurious Data (NR Band n71) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset		Page 226 of 255

Bandwidth (MHz):	20
Frequency (MHz):	673
RB / Offset:	1 / 53
Detector / Trace Mode:	RMS / Average

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1346.00	H	372	162	-73.61	-0.28	33.11	-62.15	-13.00	-49.15
2019.00	H	157	163	-65.58	2.44	43.86	-51.39	-13.00	-38.39
2692.00	H	-	-	-78.86	5.05	33.19	-62.07	-13.00	-49.07
3365.00	H	-	-	-79.78	6.65	33.87	-61.39	-13.00	-48.39
4038.00	H	-	-	-80.05	8.11	35.06	-60.19	-13.00	-47.19

Table 7-64. Radiated Spurious Data (NR Band n71 – Low Channel) – Ant1

Bandwidth (MHz):	20
Frequency (MHz):	680.5
RB / Offset:	1 / 53
Detector / Trace Mode:	RMS / Average

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1361.00	H	307	14	-75.52	-0.27	31.21	-64.05	-13.00	-51.05
2041.50	H	120	177	-64.82	1.89	44.07	-51.19	-13.00	-38.19
2722.00	H	-	-	-79.17	5.04	32.87	-62.39	-13.00	-49.39
3402.50	H	-	-	-79.30	6.47	34.17	-61.09	-13.00	-48.09
4083.00	H	-	-	-80.30	8.36	35.06	-60.19	-13.00	-47.19

Table 7-65. Radiated Spurious Data (NR Band n71 – Mid Channel) – Ant1

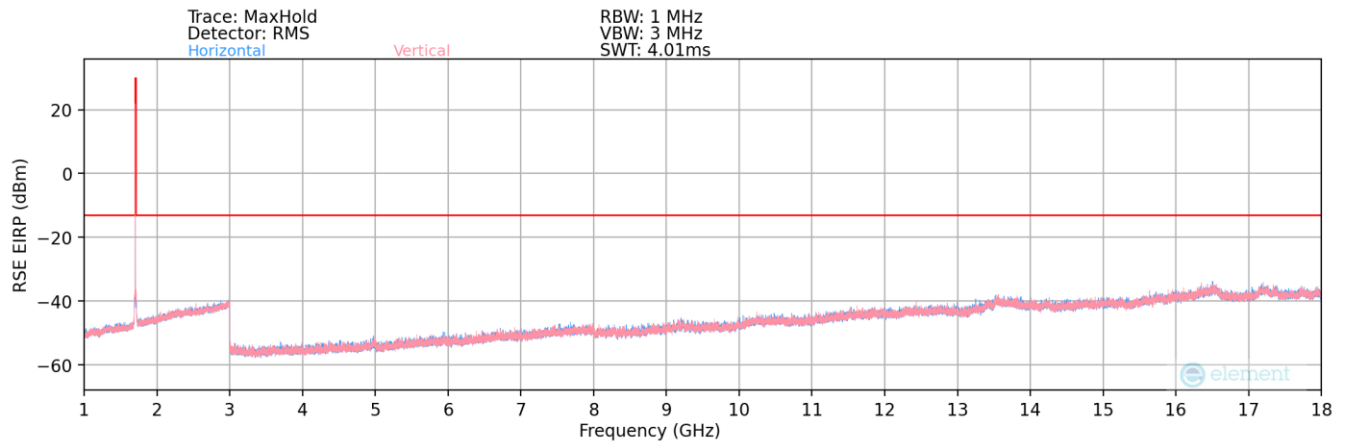
Bandwidth (MHz):	20
Frequency (MHz):	688
RB / Offset:	1 / 53
Detector / Trace Mode:	RMS / Average

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1376.00	H	227	357	-73.88	-0.56	32.56	-62.70	-13.00	-49.70
2064.00	H	143	94	-66.12	1.82	42.70	-52.56	-13.00	-39.56
2752.00	H	-	-	-78.78	4.62	32.84	-62.42	-13.00	-49.42
3440.00	H	-	-	-79.43	6.96	34.53	-60.73	-13.00	-47.73
4128.00	H	-	-	-80.24	8.28	35.04	-60.22	-13.00	-47.22

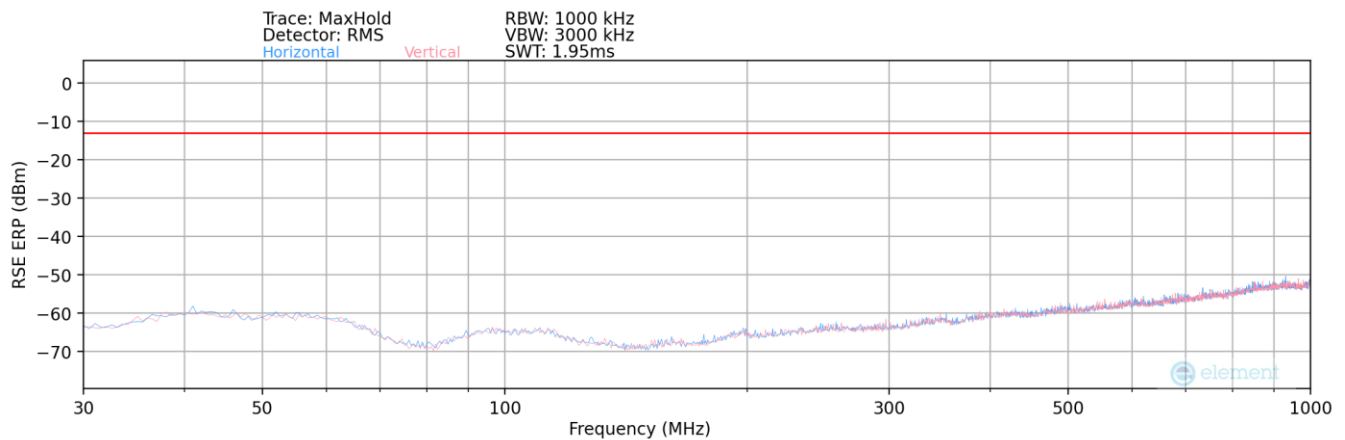
Table 7-66. Radiated Spurious Data (NR Band n71 – High Channel) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 227 of 255

NR Band n70 – Ant1



Plot 7-292. Radiated Spurious Plot (NR Band n70) – Ant1



Plot 7-293. Radiated Spurious Plot (NR Band n70) – Ant1

Bandwidth (MHz):	15
Frequency (MHz):	1702.5
RB / Offset:	1 / 39

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
210.00	H	-	-	-82.45	-13.67	10.88	-86.53	-13.00	-73.53

Table 7-67. Radiated Spurious Data (NR Band n70) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset		Page 228 of 255



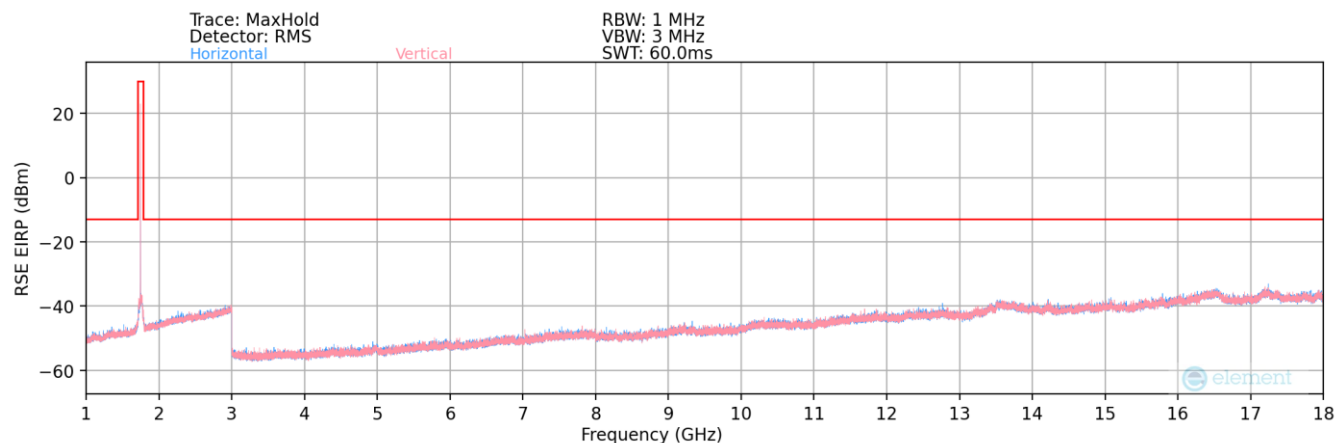
Bandwidth (MHz):	15
Frequency (MHz):	1702.5
RB / Offset:	1 / 39

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBµV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3405.00	H	156	348	-77.96	7.09	36.13	-59.13	-13.00	-46.13
5107.50	H	-	-	-81.16	10.28	36.12	-59.14	-13.00	-46.14
6810.00	H	-	-	-81.64	13.57	38.93	-56.33	-13.00	-43.33
8512.50	H	-	-	-82.80	16.08	40.28	-54.98	-13.00	-41.98

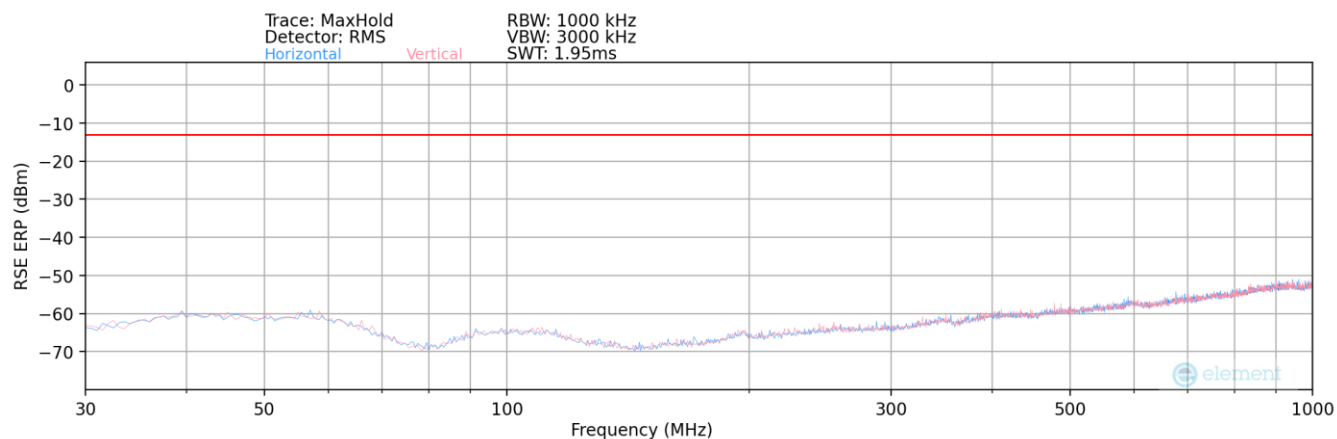
Table 7-68. Radiated Spurious Data (NR Band n70 – Mid Channel) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 229 of 255

NR Band n66 – Ant1



Plot 7-294. Radiated Spurious Plot (NR Band n66) – Ant1



Plot 7-295. Radiated Spurious Plot (NR Band n66) – Ant1

Bandwidth (MHz):	40
Frequency (MHz):	1745
RB / Offset:	1 / 121
Detector / Trace Mode:	RMS / Average

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
150.00	V	-	-	-80.83	-16.75	9.42	-87.99	-13.00	-74.99

Table 7-69. Radiated Spurious Data (NR Band n66) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W		PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager	
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset		Page 230 of 255	

Bandwidth (MHz):	40
Frequency (MHz):	1730
RB / Offset:	1 / 121
Detector / Trace Mode:	RMS / Average

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3460.00	V	146	71	-76.69	7.02	37.33	-57.93	-13.00	-44.93
5190.00	V	-	-	-80.89	10.25	36.36	-58.90	-13.00	-45.90
6920.00	V	-	-	-81.95	13.67	38.72	-56.54	-13.00	-43.54
8650.00	V	-	-	-82.55	17.15	41.60	-53.66	-13.00	-40.66

Table 7-70. Radiated Spurious Data (NR Band n66 – Low Channel) – Ant1

Bandwidth (MHz):	40
Frequency (MHz):	1745
RB / Offset:	1 / 121
Detector / Trace Mode:	RMS / Average

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3490.00	V	103	68	-76.76	7.15	37.39	-57.87	-13.00	-44.87
5235.00	V	-	-	-81.08	10.18	36.10	-59.16	-13.00	-46.16
6980.00	V	-	-	-81.80	13.95	39.15	-56.11	-13.00	-43.11
8725.00	V	-	-	-82.45	16.42	40.97	-54.29	-13.00	-41.29

Table 7-71. Radiated Spurious Data (NR Band n66 – Mid Channel) – Ant1

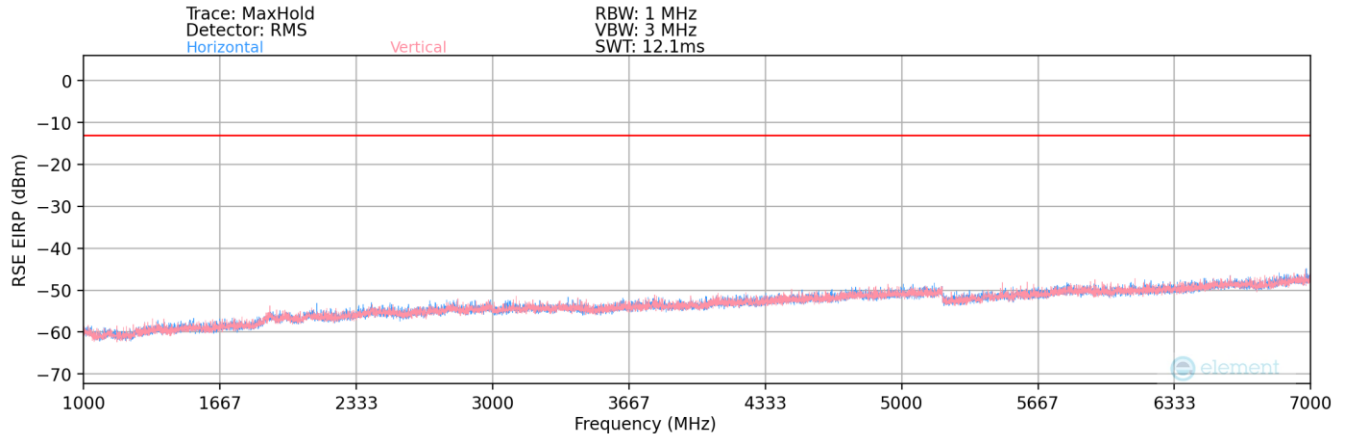
Bandwidth (MHz):	40
Frequency (MHz):	1760
RB / Offset:	1 / 121
Detector / Trace Mode:	RMS / Average

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3520.00	V	127	52	-76.84	7.13	37.29	-57.97	-13.00	-44.97
5280.00	V	-	-	-80.81	10.22	36.41	-58.85	-13.00	-45.85
7040.00	V	-	-	-82.27	14.84	39.57	-55.68	-13.00	-42.68
8800.00	V	-	-	-82.35	16.88	41.53	-53.73	-13.00	-40.73

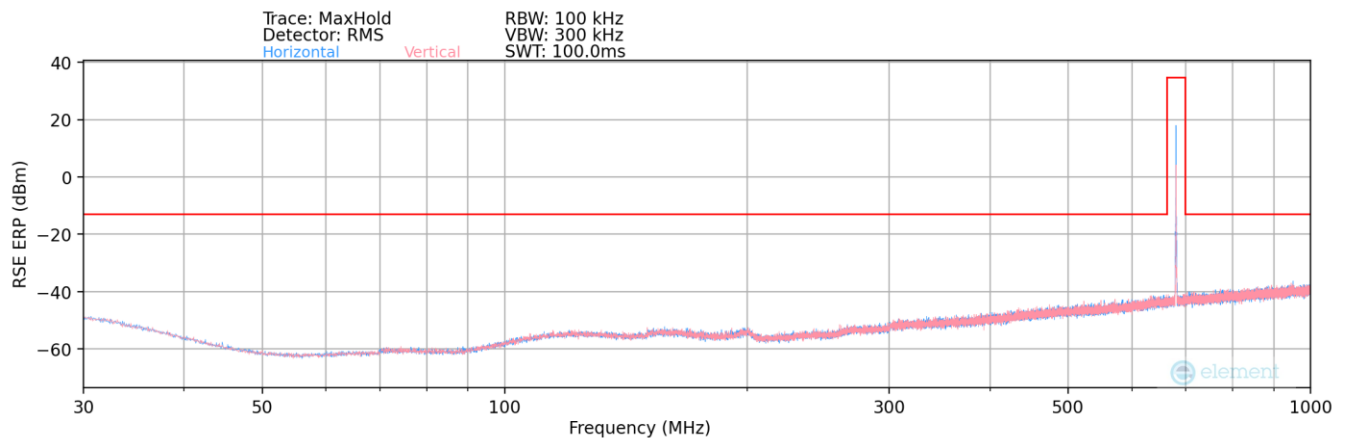
Table 7-72. Radiated Spurious Data (NR Band n66 – High Channel) – Ant1

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 231 of 255

LTE Band 71 – Ant2



Plot 7-296. Radiated Spurious Plot (LTE Band 71) – Ant2



Plot 7-297. Radiated Spurious Plot (LTE Band 71) – Ant2

Bandwidth (MHz):	20
Frequency (MHz):	680.5
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
248.30	H	-	-	-79.27	18.93	46.66	-50.74	-13.00	-37.74
353.60	H	-	-	-78.35	22.24	50.89	-46.51	-13.00	-33.51
432.25	H	-	-	-77.13	24.49	54.36	-43.05	-13.00	-30.05
521.80	H	-	-	-77.85	26.18	55.33	-42.08	-13.00	-29.08
876.25	H	-	-	-76.10	30.98	61.88	-35.53	-13.00	-22.53

Table 7-73. Radiated Spurious Data (LTE Band 71) – Ant2

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT			Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset		Page 232 of 255

Bandwidth (MHz):	20
Frequency (MHz):	673
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1346.00	H	146	325	-74.76	-2.17	30.07	-65.18	-13.00	-52.18
2019.00	H	-	-	-77.61	0.94	30.33	-64.93	-13.00	-51.93
2692.00	H	-	-	-78.17	3.02	31.85	-63.41	-13.00	-50.41
3365.00	H	-	-	-79.03	4.90	32.87	-62.39	-13.00	-49.39

Table 7-74. Radiated Spurious Data (LTE Band 71 – Low Channel) – Ant2

Bandwidth (MHz):	20
Frequency (MHz):	680.5
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1361.00	H	108	217	-75.49	-2.24	29.27	-65.99	-13.00	-52.99
2041.50	H	-	-	-77.25	0.67	30.42	-64.84	-13.00	-51.84
2722.00	H	-	-	-78.18	3.20	32.02	-63.23	-13.00	-50.23
3402.50	H	-	-	-78.68	4.68	33.00	-62.26	-13.00	-49.26

Table 7-75. Radiated Spurious Data (LTE Band 71 – Mid Channel) – Ant2

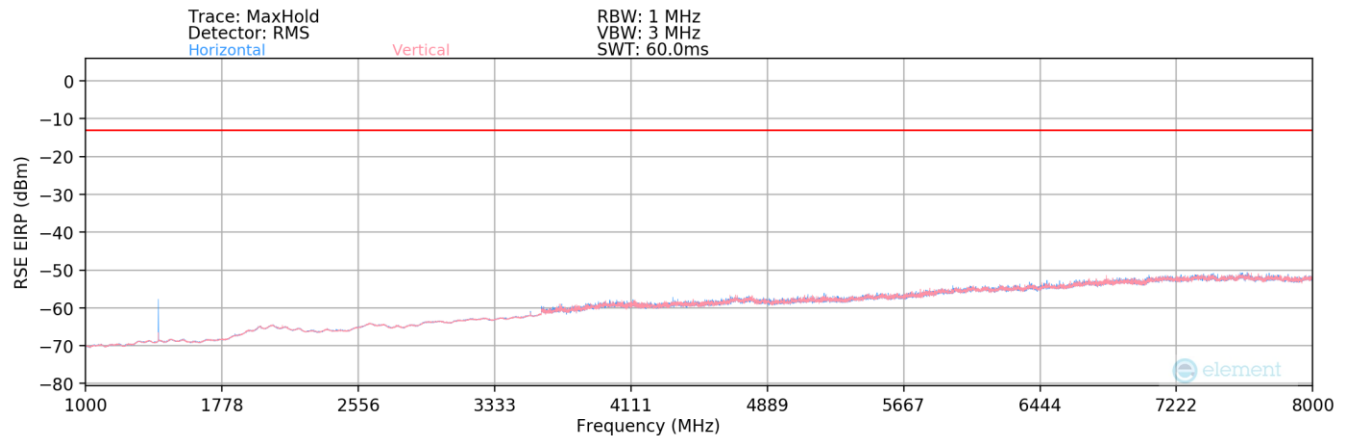
Bandwidth (MHz):	20
Frequency (MHz):	688
RB / Offset:	1 / 50

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1376.00	H	169	218	-75.11	-2.29	29.60	-65.66	-13.00	-52.66
2064.00	H	-	-	-77.33	0.79	30.46	-64.80	-13.00	-51.80
2752.00	H	-	-	-78.61	3.16	31.55	-63.71	-13.00	-50.71
3440.00	H	-	-	-78.68	4.48	32.80	-62.46	-13.00	-49.46

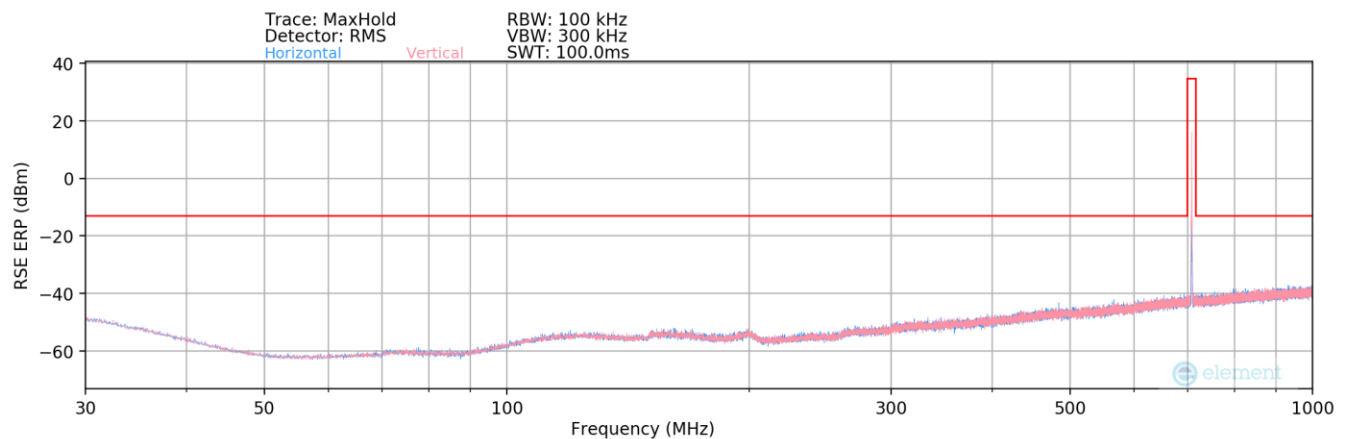
Table 7-76. Radiated Spurious Data (LTE Band 71 – High Channel) – Ant2

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 233 of 255

LTE Band 12 – Ant2



Plot 7-298. Radiated Spurious Plot (LTE Band 12) – Ant2



Plot 7-299. Radiated Spurious Plot (LTE Band 12) – Ant2

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
180.10	V	-	-	-79.45	18.62	46.17	-51.24	-13.00	-38.24
287.85	V	-	-	-79.05	20.88	48.83	-48.57	-13.00	-35.57
483.95	V	-	-	-78.46	25.72	54.26	-43.14	-13.00	-30.14
603.05	V	-	-	-76.69	27.12	57.43	-39.98	-13.00	-26.98
752.70	V	-	-	-76.70	29.32	59.62	-37.78	-13.00	-24.78
959.55	V	-	-	-76.83	31.85	62.02	-35.38	-13.00	-22.38

Table 7-77. Radiated Spurious Data (LTE Band 12) – Ant2

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 234 of 255

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1408.00	H	189	219	-65.59	-7.04	34.37	-60.89	-13.00	-47.89
2112.00	H	121	297	-73.83	-2.89	30.28	-64.98	-13.00	-51.98
2816.00	H	-	-	-73.34	-3.05	30.61	-64.64	-13.00	-51.64
3520.00	H	131	141	-71.57	-0.36	35.07	-60.19	-13.00	-47.19
4224.00	H	-	-	-73.13	1.50	35.37	-59.89	-13.00	-46.89

Table 7-78. Radiated Spurious Data (LTE Band 12 – Low Channel) – Ant2

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1415.00	H	153	222	-62.90	-7.01	37.09	-58.17	-13.00	-45.17
2122.50	H	149	336	-73.43	-2.94	30.63	-64.63	-13.00	-51.63
2830.00	H	-	-	-73.35	-2.81	30.84	-64.42	-13.00	-51.42
3537.50	H	128	348	-71.16	-0.25	35.59	-59.66	-13.00	-46.66
4245.00	H	-	-	-74.19	1.57	34.38	-60.88	-13.00	-47.88

Table 7-79. Radiated Spurious Data (LTE Band 71 – Mid Channel) – Ant2

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

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1422.00	H	121	220	-60.30	-6.99	39.71	-55.55	-13.00	-42.55
2133.00	H	144	347	-73.04	-3.00	30.96	-64.30	-13.00	-51.30
2844.00	H	-	-	-73.80	-2.71	30.49	-64.77	-13.00	-51.77
3555.00	H	141	359	-70.22	-0.15	36.63	-58.63	-13.00	-45.63
4266.00	H	-	-	-74.65	1.70	34.05	-61.21	-13.00	-48.21

Table 7-80. Radiated Spurious Data (LTE Band 12 – High Channel) – Ant2

FCC ID: A3LSMA576U IC: 649E-SMA576W	PART 27 RSS-130 & RSS-139 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2510280090-07-R2.A3L	Test Dates: 10/30/2025 - 11/30/2025	EUT Type: Portable Handset	Page 235 of 255