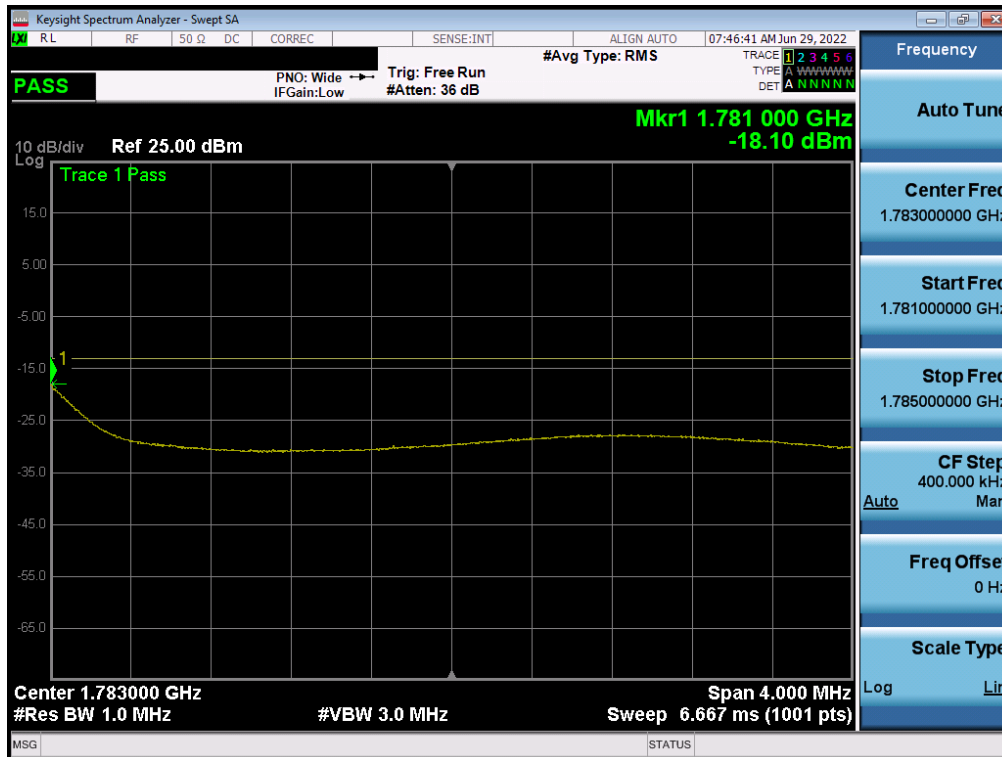




Plot 7-233. Upper Band Edge Plot (NR Band n66 - 10.0MHz - Full RB - Ant1)

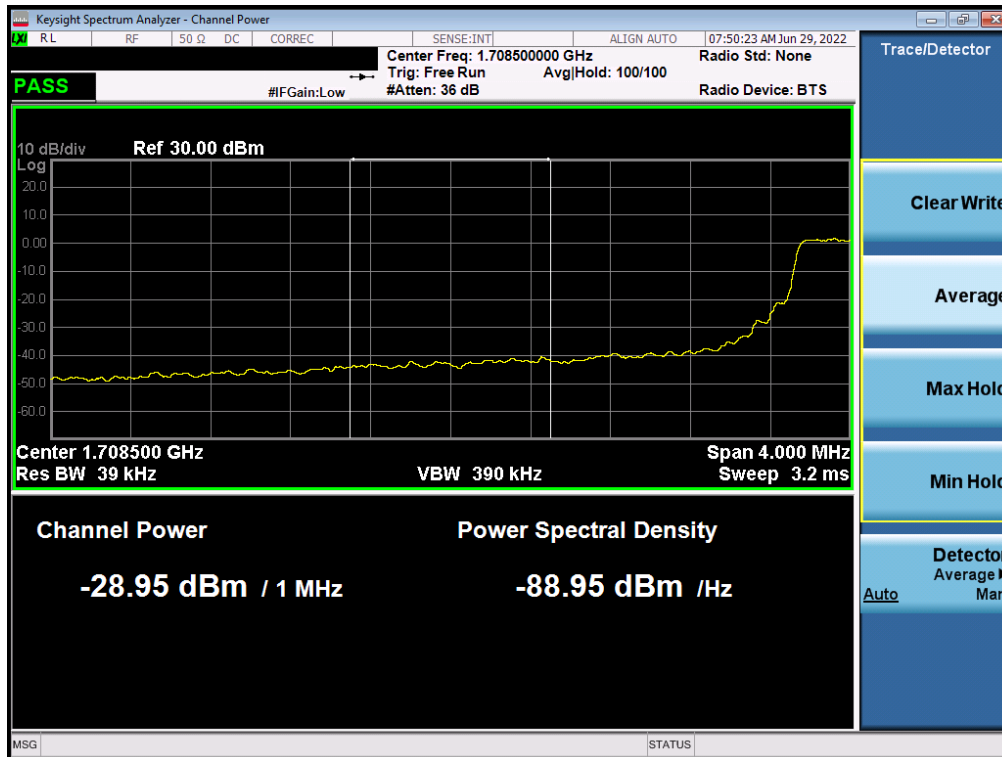


Plot 7-234. Upper Extended Band Edge Plot (NR Band n66 - 10.0MHz - Full RB - Ant1)

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Plot 7-235. Lower Band Edge Plot (NR Band n66 – 5.0MHz - Full RB - Ant1)



Plot 7-236. Lower Extended Band Edge Plot (NR Band n66 – 5.0MHz - Full RB - Ant1)

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Uplink CA LTE Band 66B/C – Ant1



Plot 7-239. Lower Band Edge Plot (ULCA LTE Band 66 - Ant1)

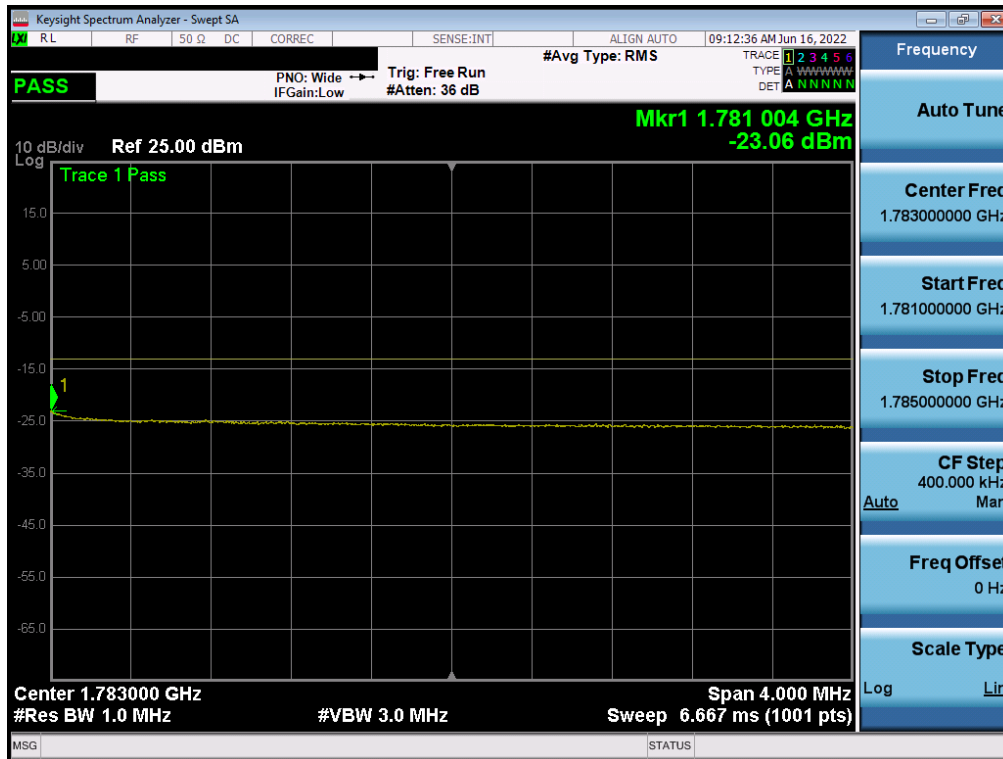


Plot 7-240. Lower Extended Band Edge Plot (ULCA LTE Band 66 - Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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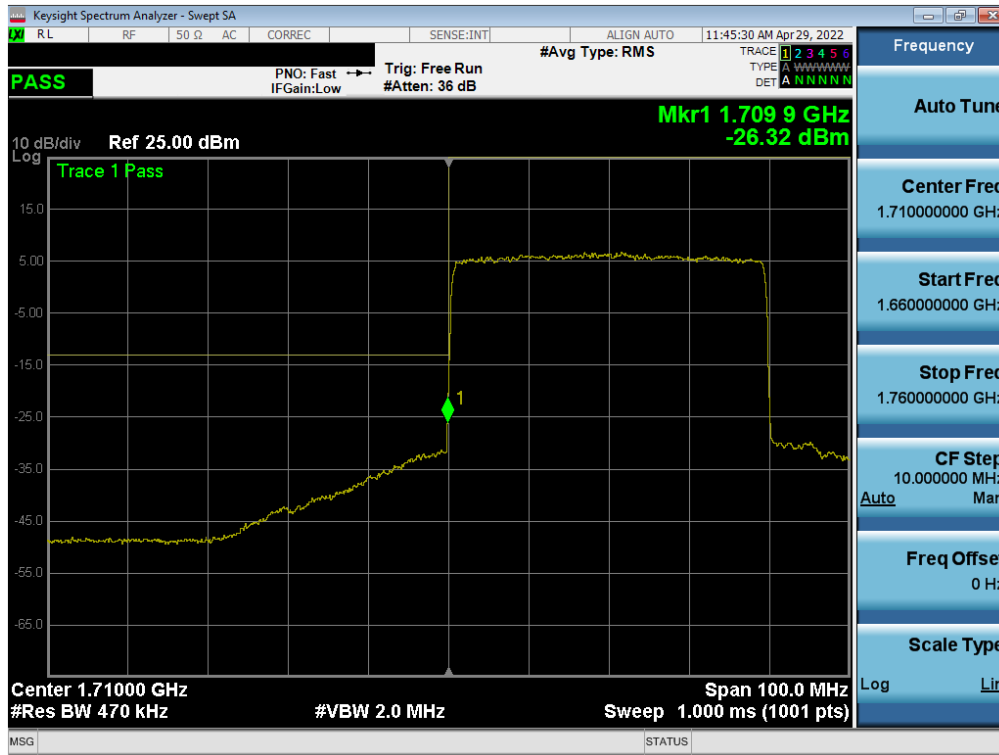
Plot 7-241. Upper Band Edge Plot (ULCA LTE Band 66 - Ant1)



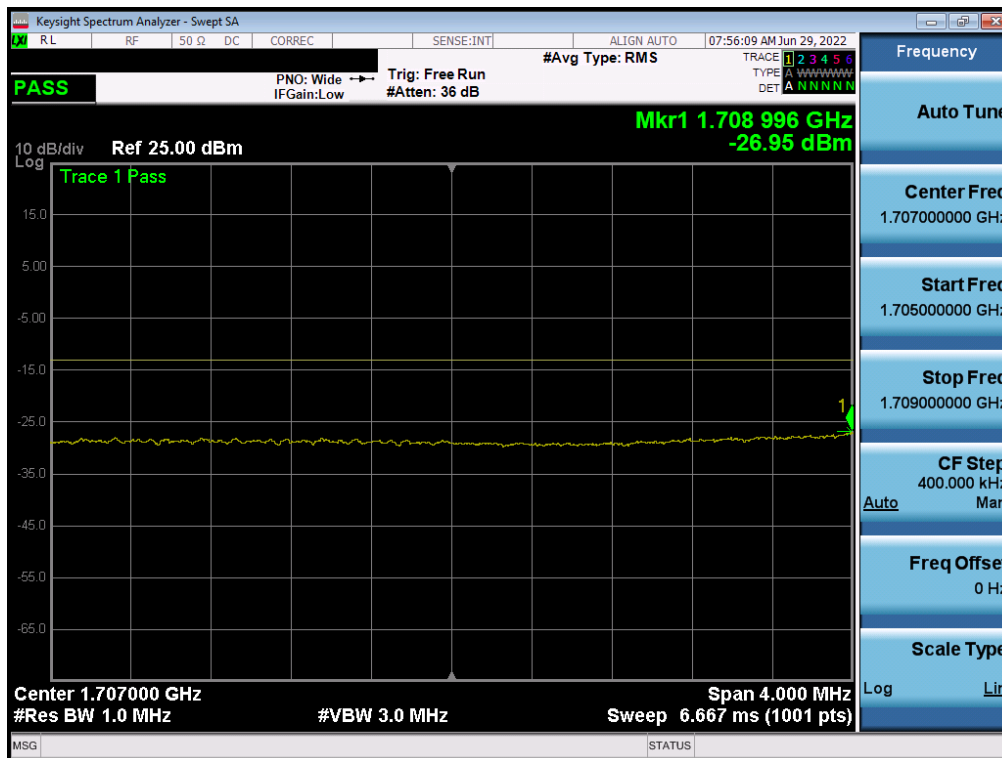
Plot 7-242. Upper Extended Band Edge Plot (ULCA LTE Band 66 - Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n66 – Ant4



Plot 7-243. Lower Band Edge Plot (NR Band n66 – 40.0MHz - Full RB - Ant4)

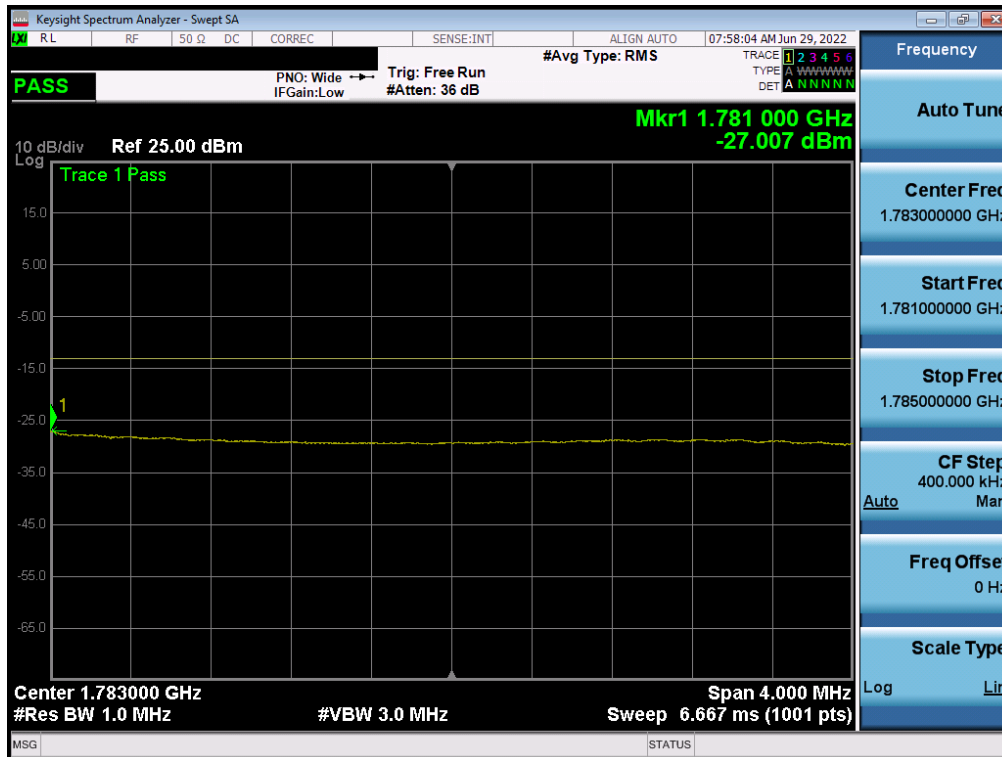


Plot 7-244. Lower Extended Band Edge Plot (NR Band n66 – 40.0MHz - Full RB - Ant4)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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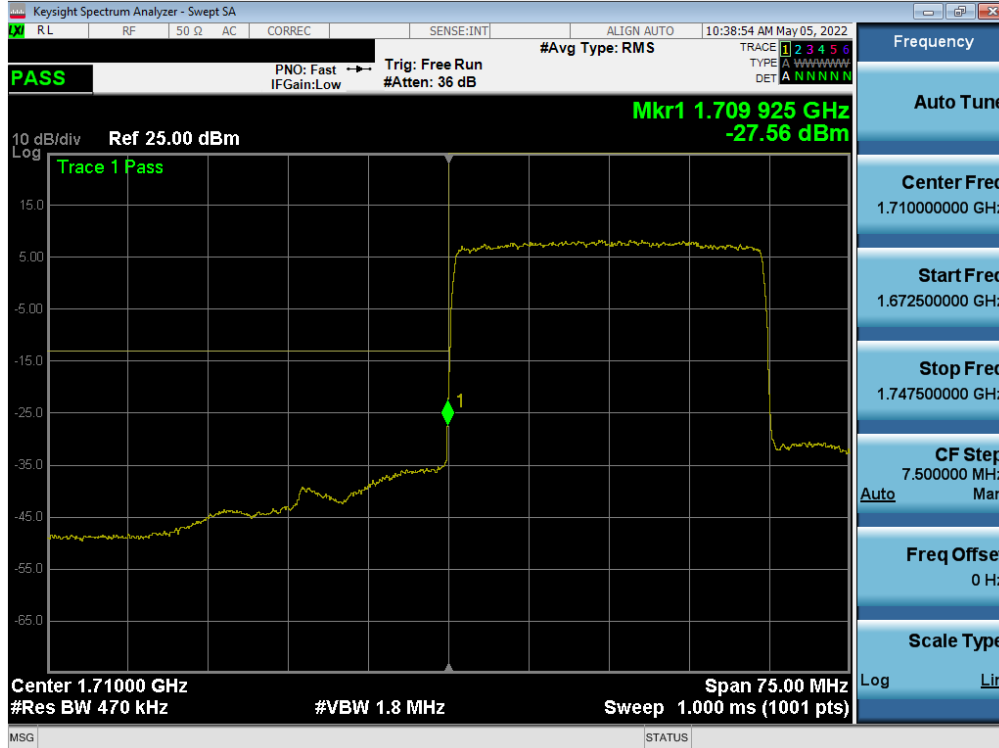


Plot 7-245. Upper Band Edge Plot (NR Band n66 – 40.0MHz - Full RB - Ant4)

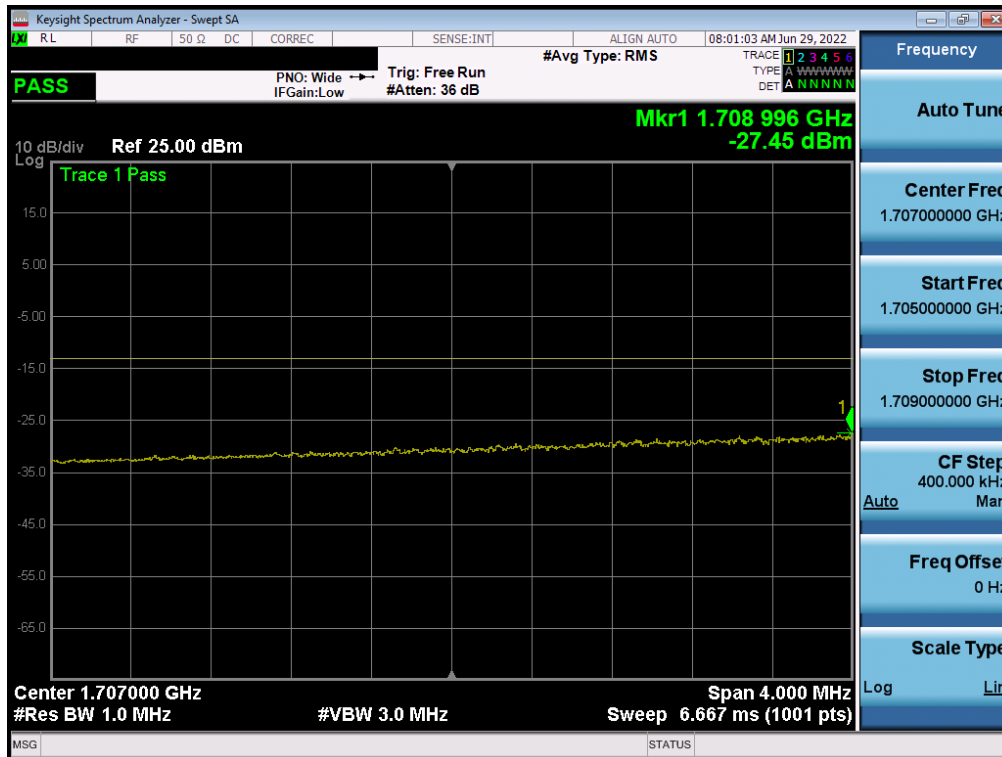


Plot 7-246. Upper Extended Band Edge Plot (NR Band n66 – 40.0MHz - Full RB - Ant4)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-247. Lower Band Edge Plot (NR Band n66 – 30.0MHz - Full RB - Ant4)



Plot 7-248. Lower Extended Band Edge Plot (NR Band n66 – 30.0MHz - Full RB - Ant4)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204040049-06-R1.C3K	Test Dates: 3/15/2022 - 08/10/2022	EUT Type: Portable Computing Device	Page 147 of 222

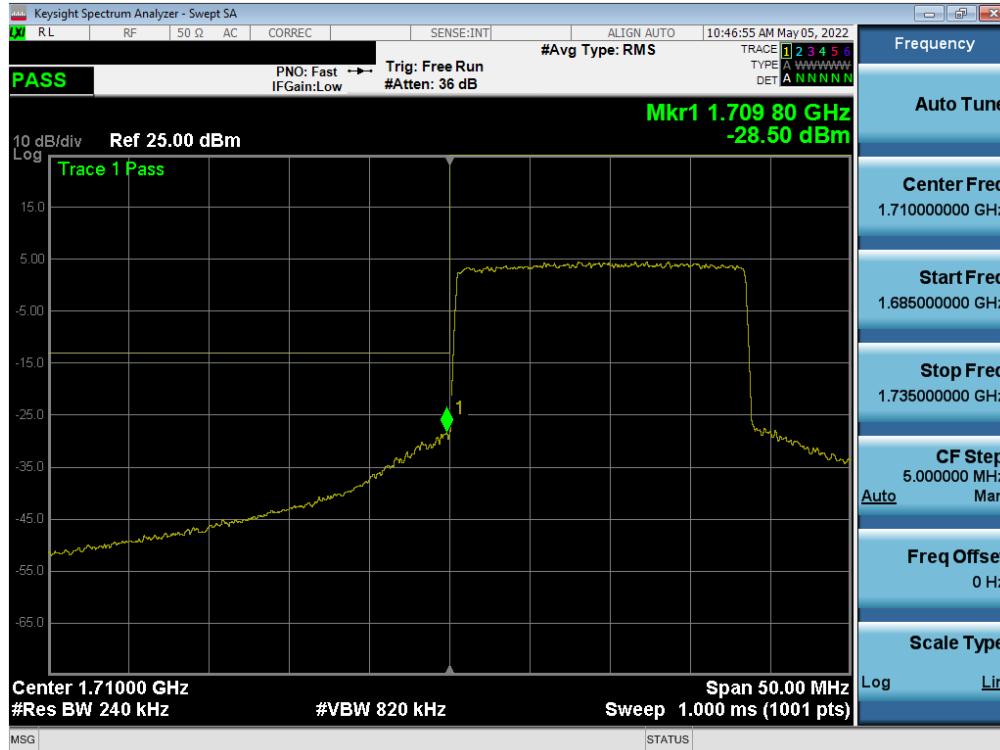


Plot 7-249. Upper Band Edge Plot (NR Band n66 – 30.0MHz - Full RB - Ant4)

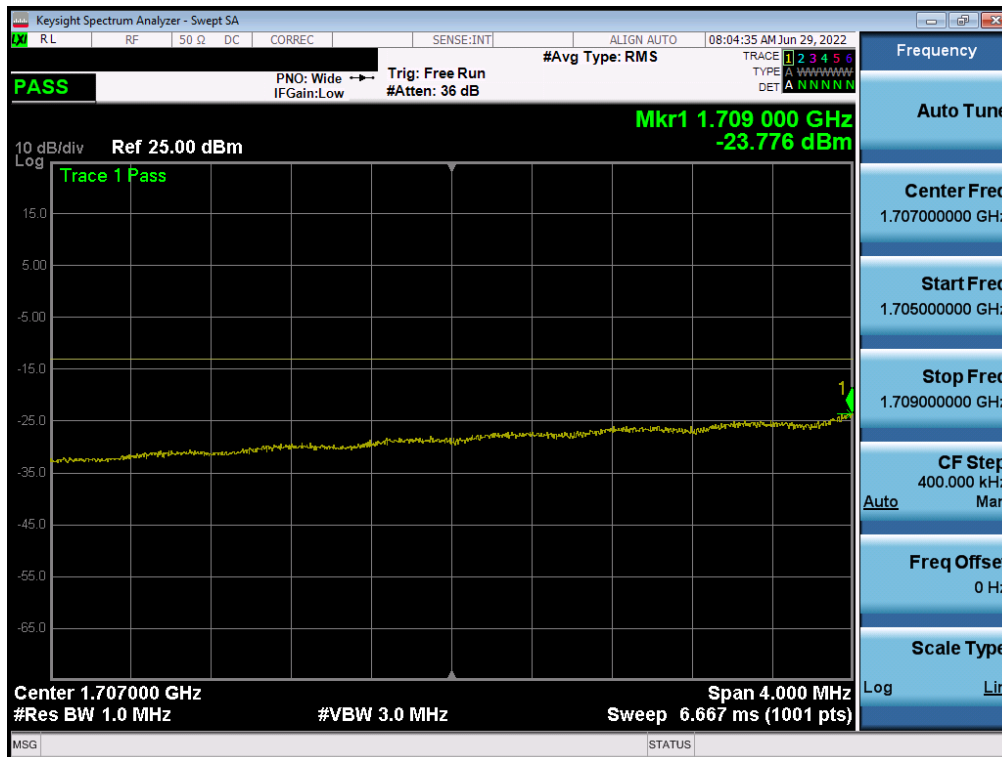


Plot 7-250. Upper Extended Band Edge Plot (NR Band n66 – 30.0MHz - Full RB - Ant4)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-251. Lower Band Edge Plot (NR Band n66 - 20.0MHz - Full RB - Ant4)

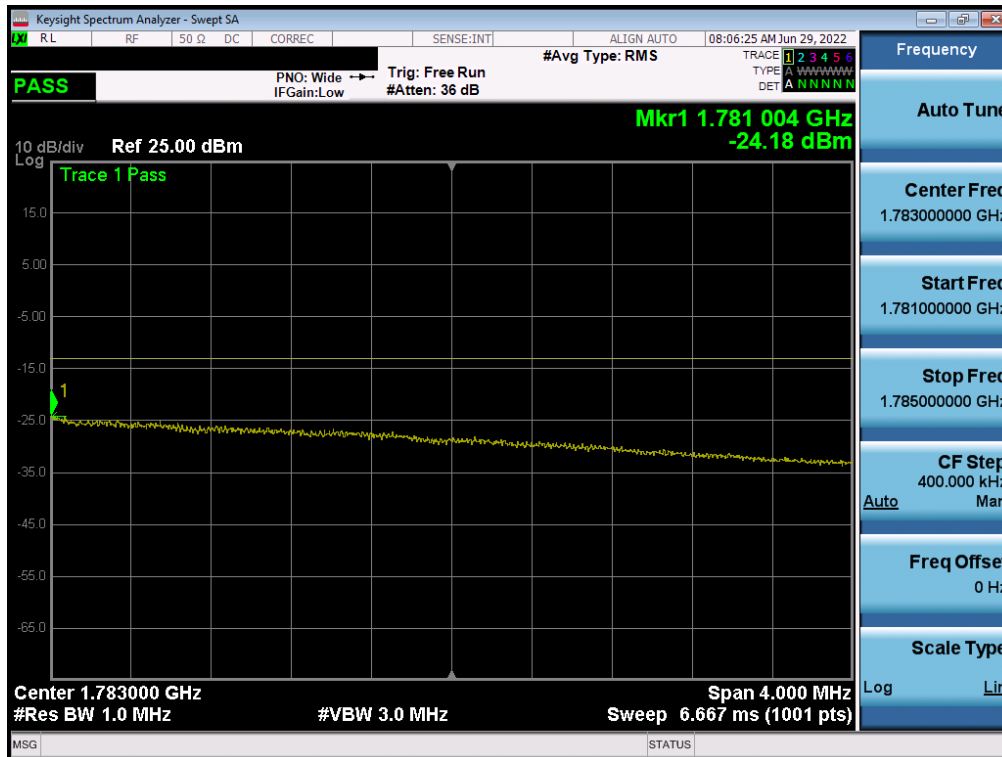


Plot 7-252. Lower Extended Band Edge Plot (NR Band n66 - 20.0MHz - Full RB - Ant4)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-253. Upper Band Edge Plot (NR Band n66 – 20.0MHz - Full RB - Ant4)

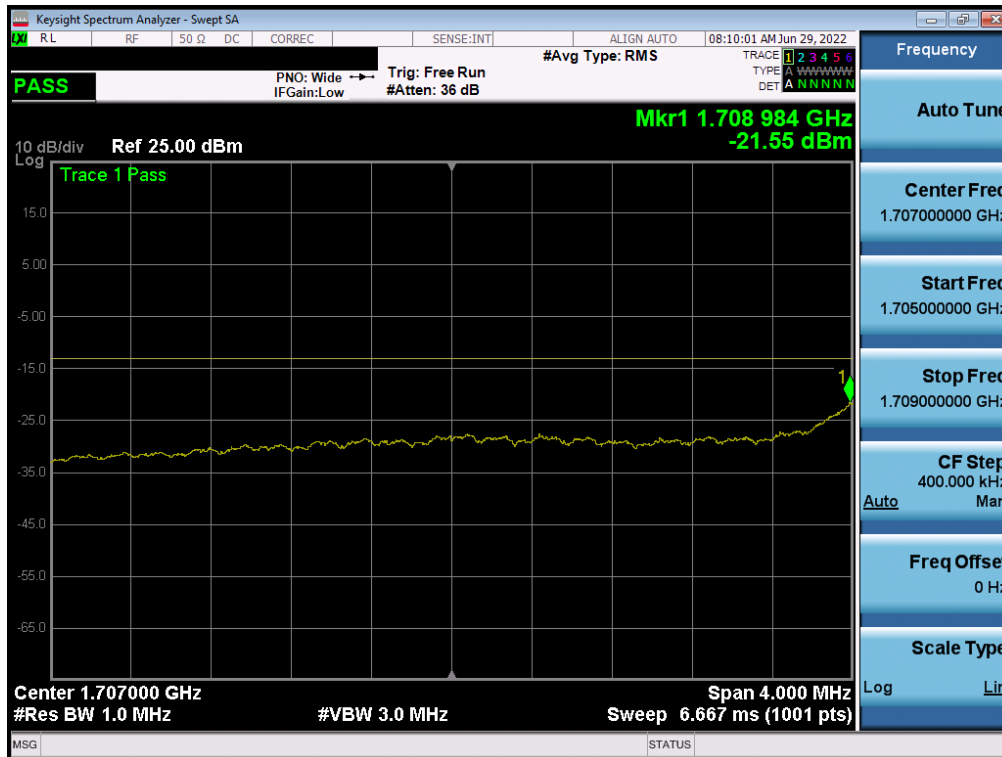


Plot 7-254. Upper Extended Band Edge Plot (NR Band n66 – 20.0MHz - Full RB - Ant4)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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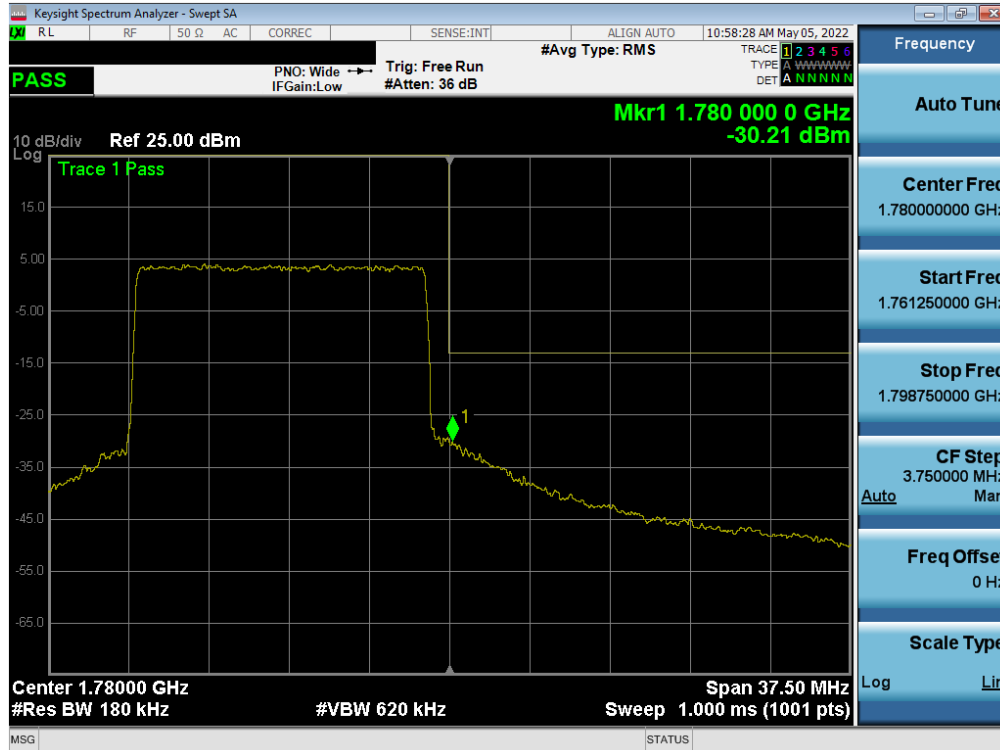


Plot 7-255. Lower Band Edge Plot (NR Band n66 – 15.0MHz - Full RB - Ant4)

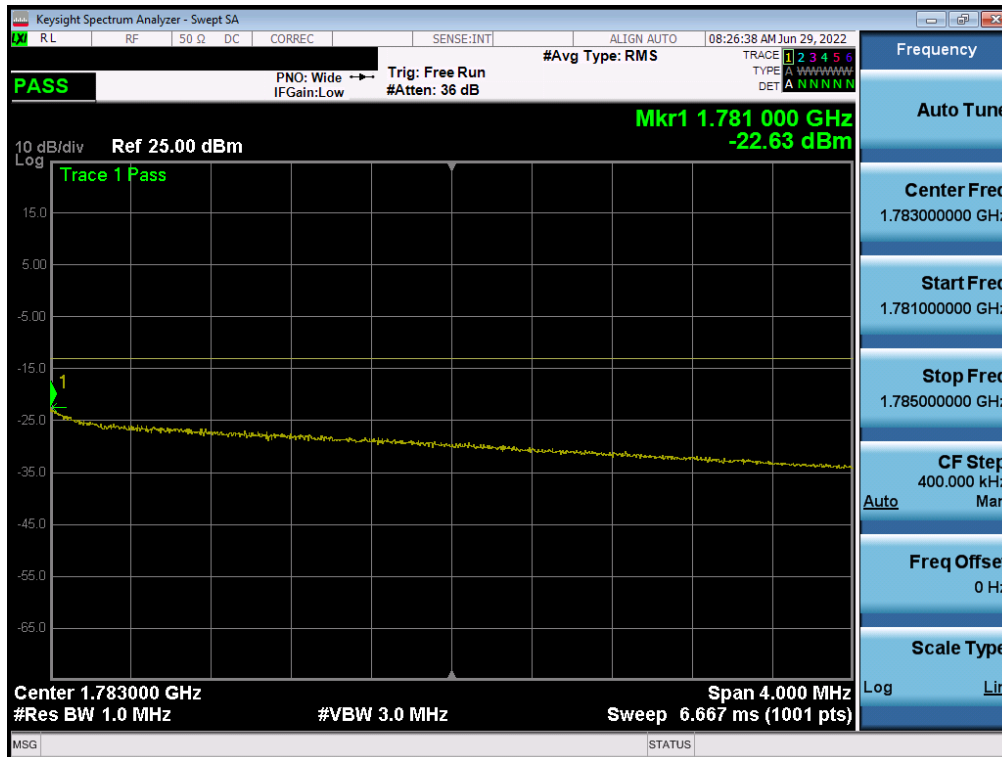


Plot 7-256. Lower Extended Band Edge Plot (NR Band n66 – 15.0MHz - Full RB - Ant4)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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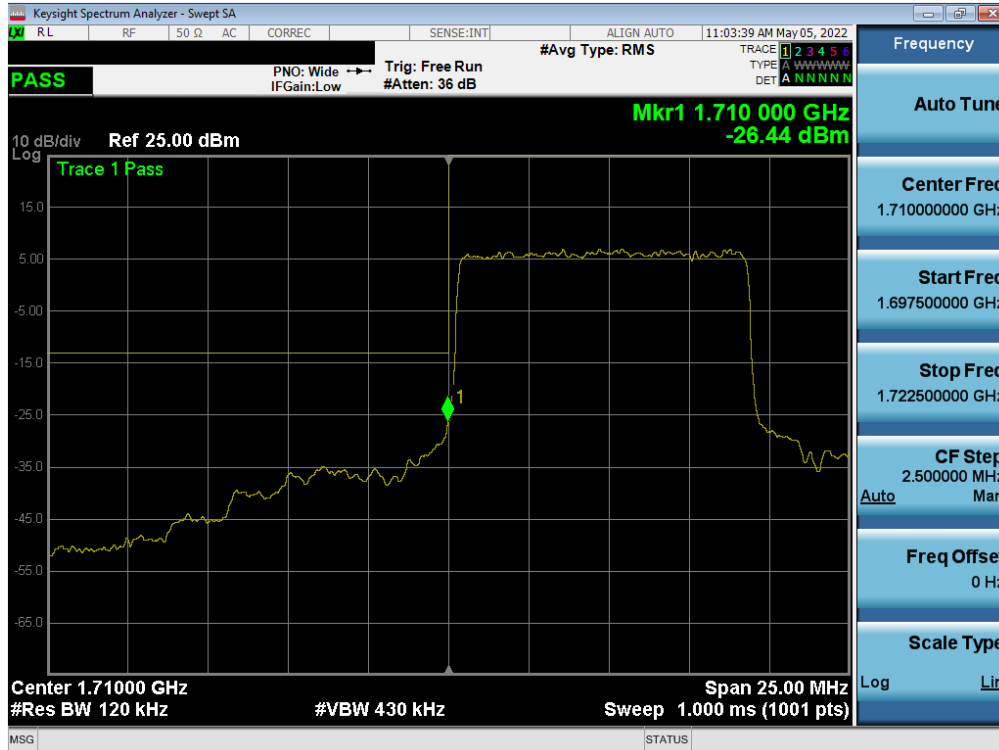


Plot 7-257. Upper Band Edge Plot (NR Band n66 – 15.0MHz - Full RB - Ant4)

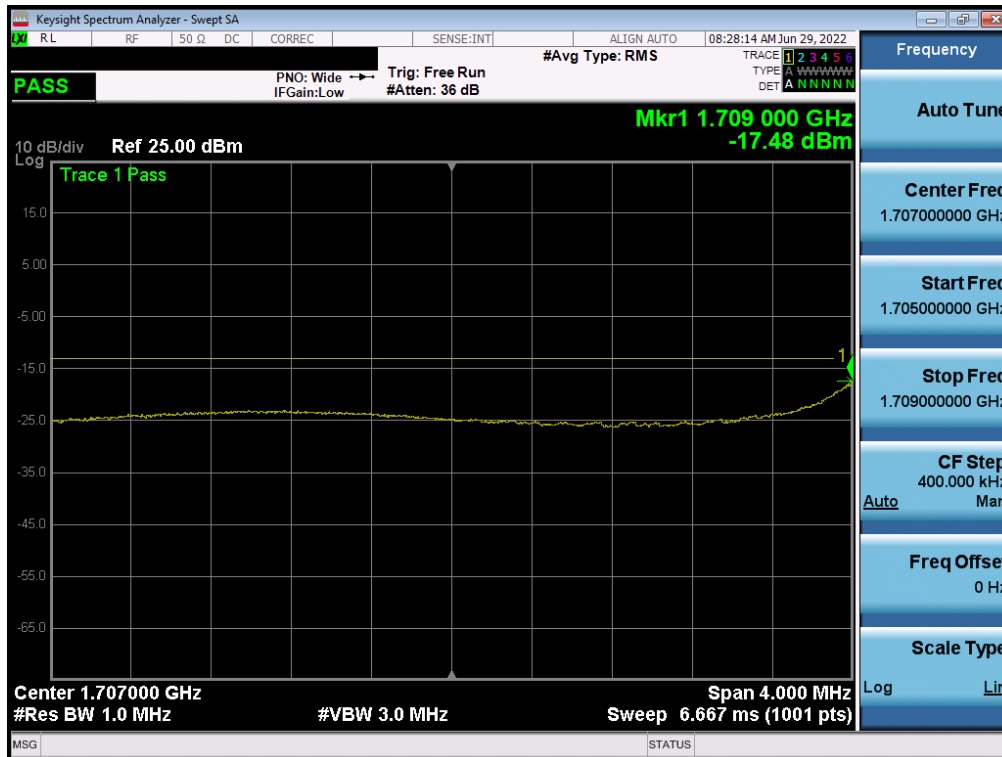


Plot 7-258. Upper Extended Band Edge Plot (NR Band n66 – 15.0MHz - Full RB - Ant4)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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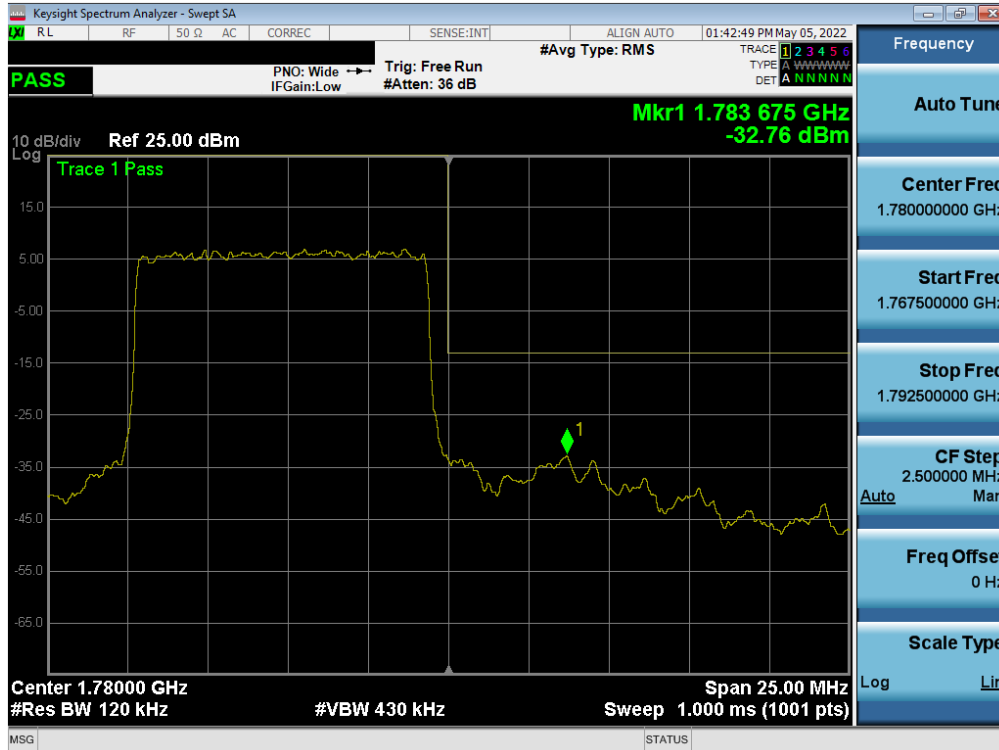


Plot 7-259. Lower Band Edge Plot (NR Band n66 – 10.0MHz - Full RB - Ant4)

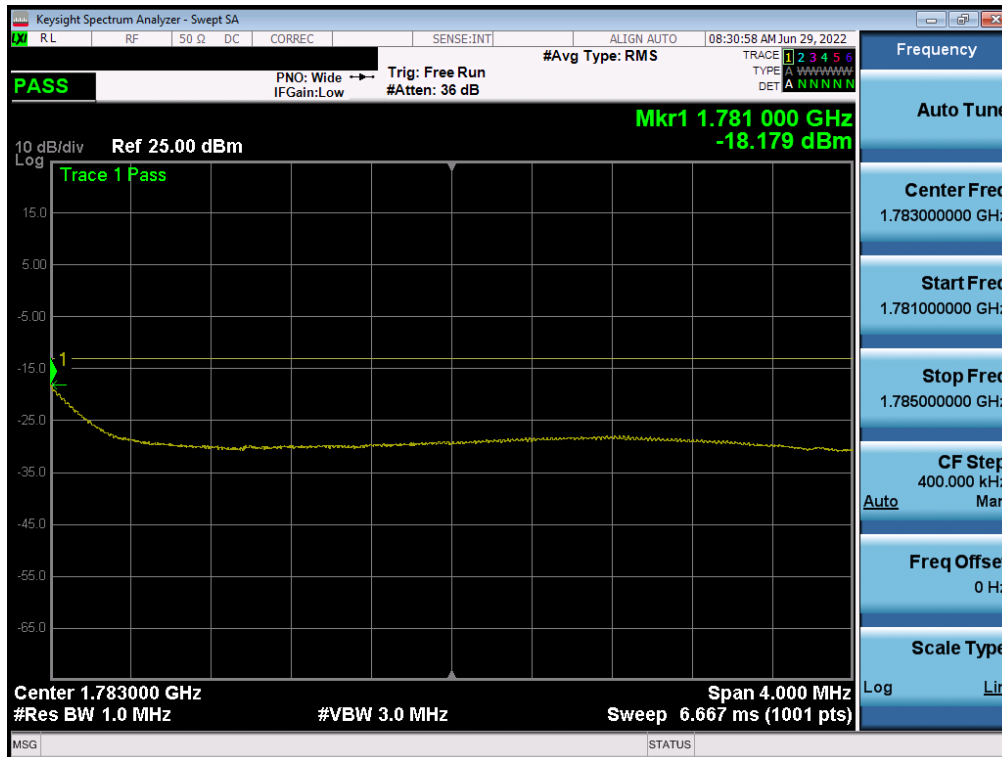


Plot 7-260. Lower Extended Band Edge Plot (NR Band n66 – 10.0MHz - Full RB - Ant4)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-261. Upper Band Edge Plot (NR Band n66 - 10.0MHz - Full RB - Ant4)

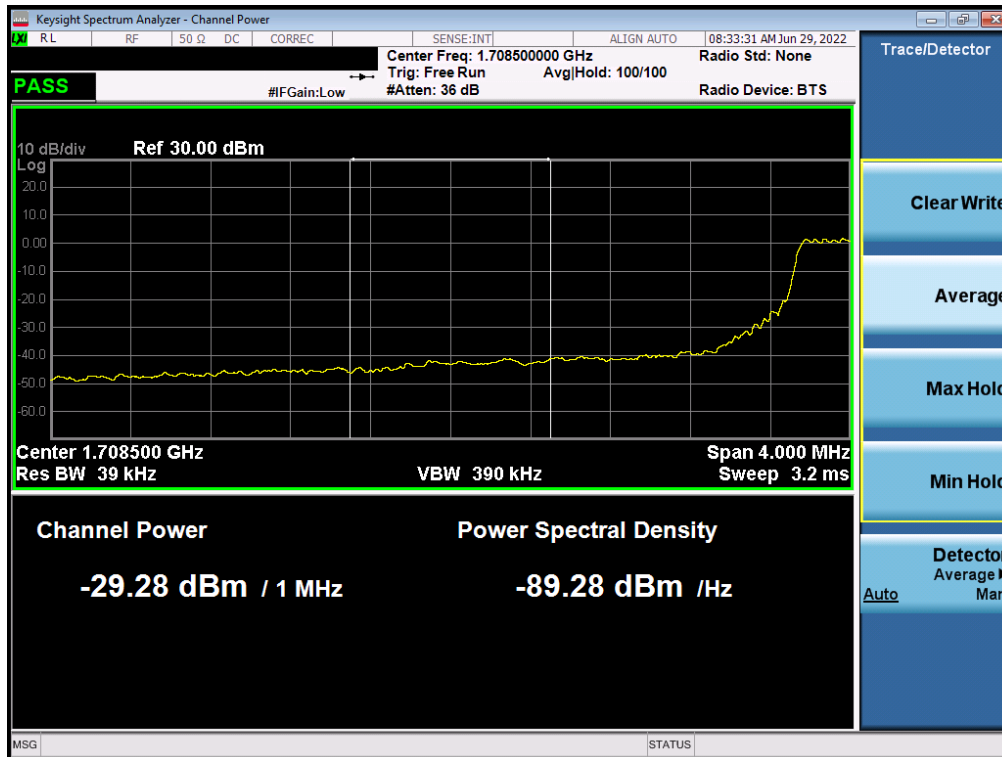


Plot 7-262. Upper Extended Band Edge Plot (NR Band n66 - 10.0MHz - Full RB - Ant4)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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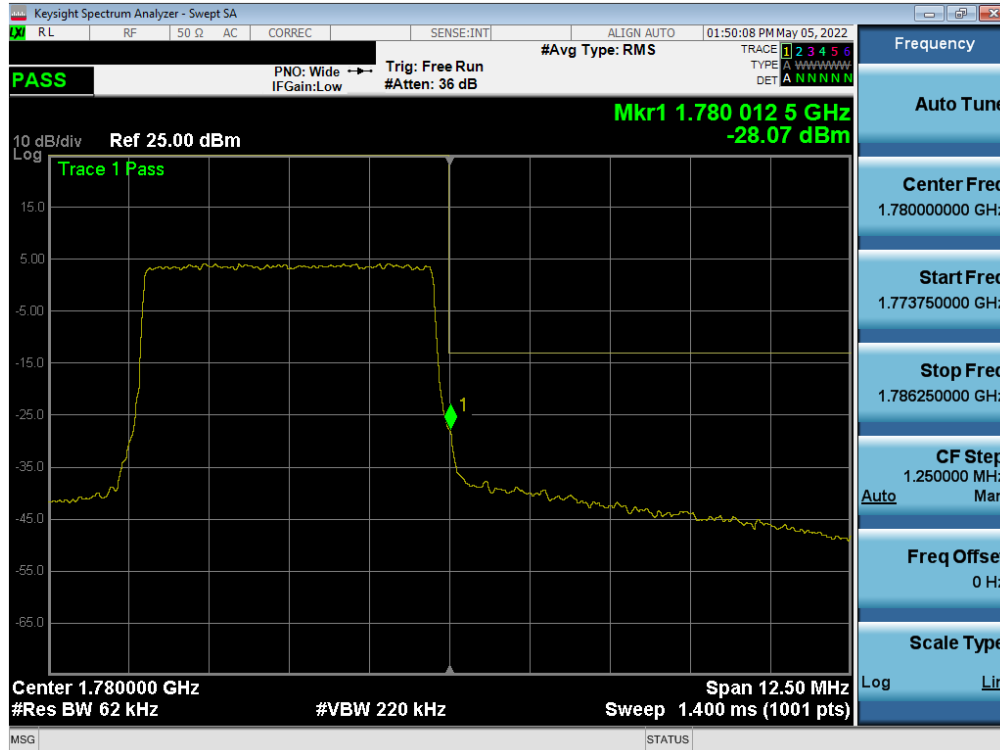


Plot 7-263. Lower Band Edge Plot (NR Band n66 – 5.0MHz - Full RB - Ant4)

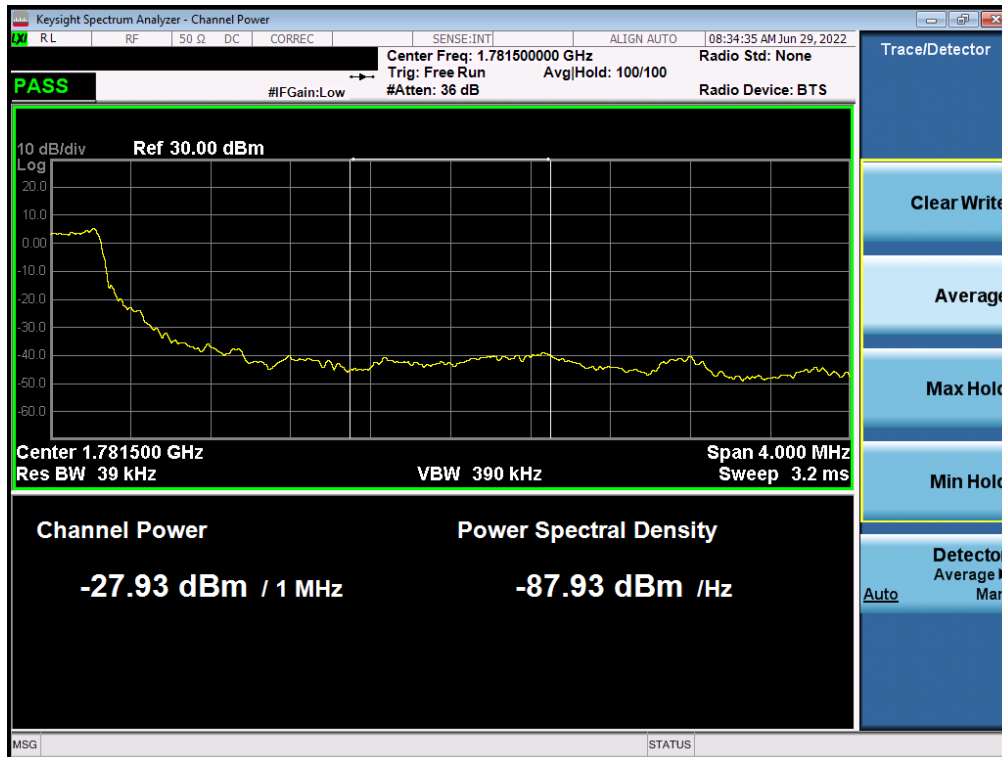


Plot 7-264. Lower Extended Band Edge Plot (NR Band n66 – 5.0MHz - Full RB - Ant4)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-265. Upper Band Edge Plot (NR Band n66 – 5.0MHz - Full RB - Ant4)



Plot 7-266. Upper Extended Band Edge Plot (NR Band n66 – 5.0MHz - Full RB - Ant4)

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7.6 Peak-Average Ratio

Test Overview

A peak to average ratio measurement is performed at the conducted port of the EUT. The spectrum analyzers Complementary Cumulative Distribution Function (CCDF) measurement profile is used to determine the largest deviation between the average and the peak power of the EUT in a given bandwidth. The CCDF curve shows how much time the peak waveform spends at or above a given average power level. The percent of time the signal spends at or above the level defines the probability for that particular power level.

Test Procedure Used

ANSI C63.26-2015 – Section 5.2.3.4

Test Settings

1. The signal analyzer's CCDF measurement profile is enabled
2. Frequency = carrier center frequency
3. Measurement BW \geq OBW or specified reference bandwidth
4. The signal analyzer was set to collect one million samples to generate the CCDF curve
5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms. For burst transmissions, the spectrum analyzer is set to use an internal "RF Burst" trigger that is synced with an incoming pulse and the measurement interval is set to less than the duration of the "on time" of one burst to ensure that energy is only captured during a time in which the transmitter is operating at maximum power

Test Setup

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

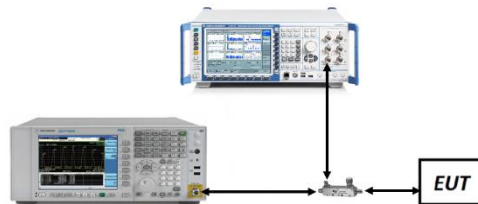
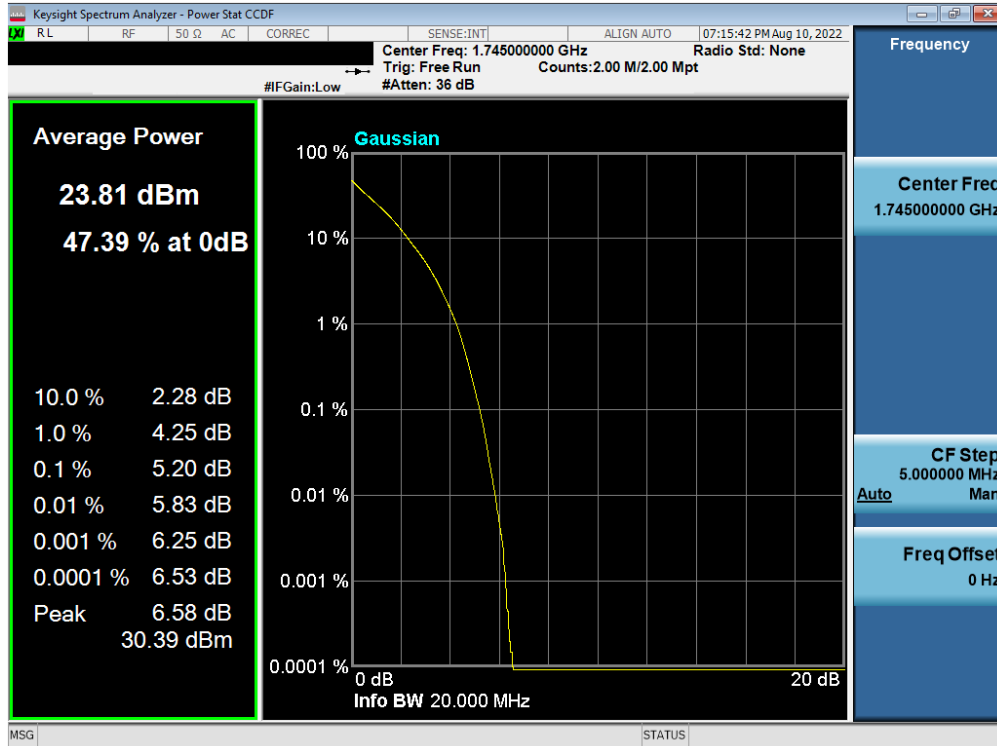


Figure 7-5. Test Instrument & Measurement Setup

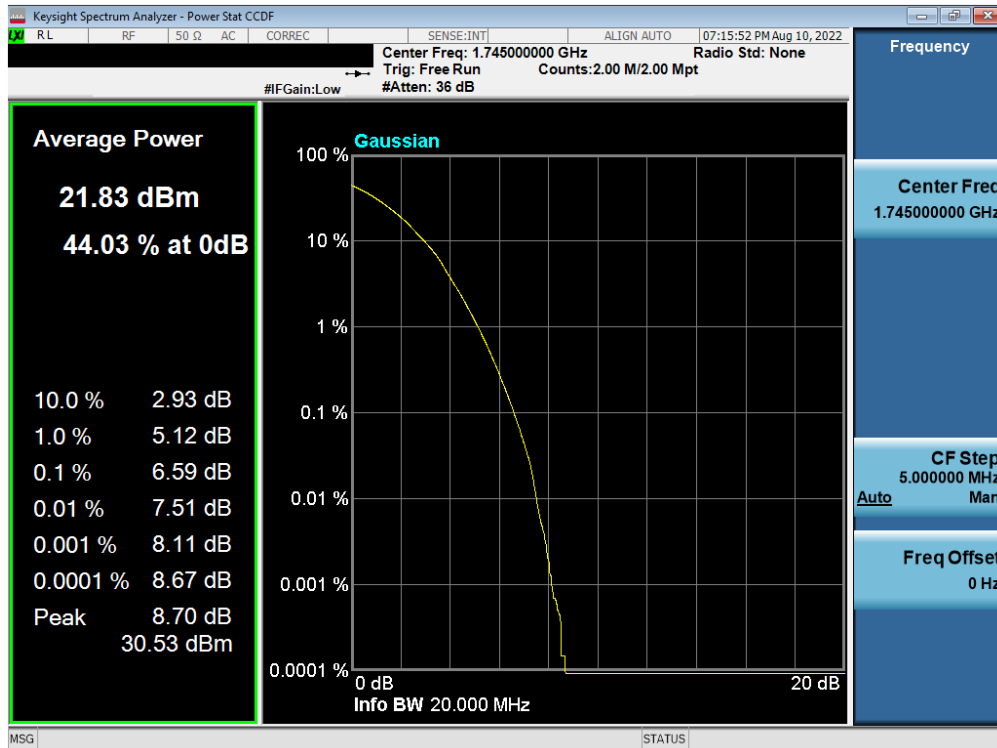
Test Notes

None.

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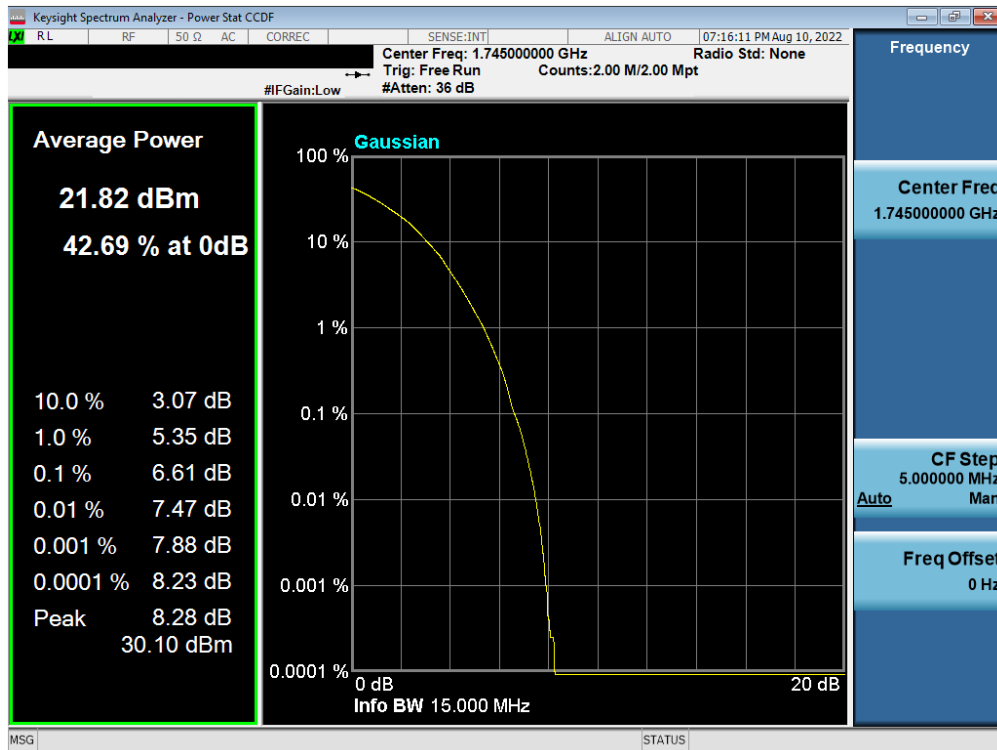
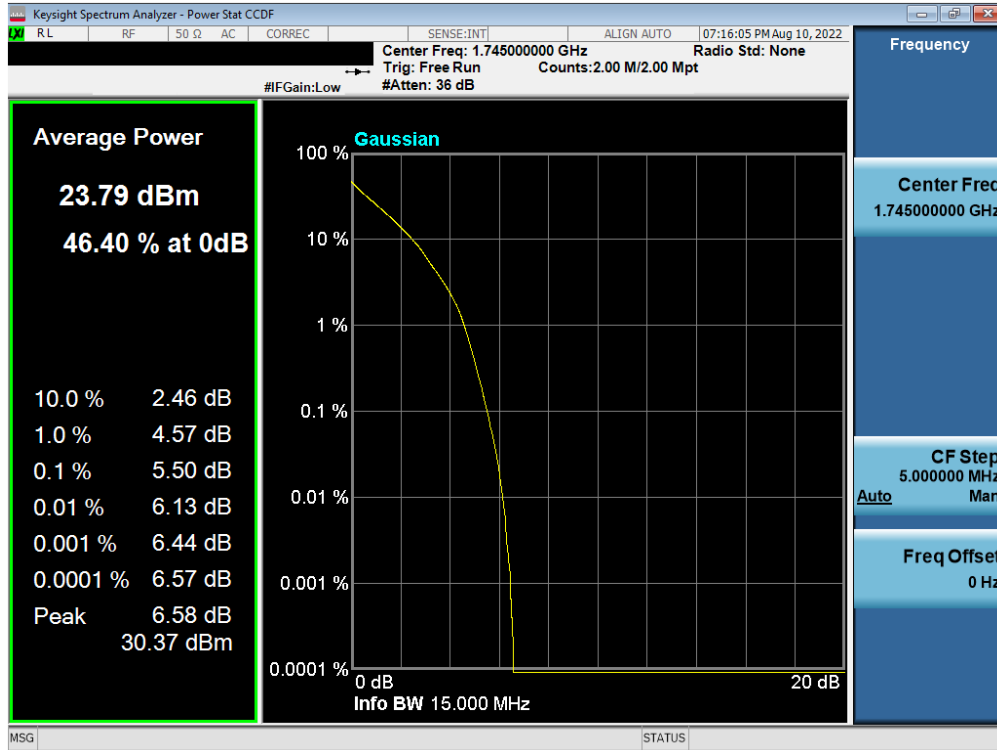


Plot 7-267. PAR Plot (LTE Band 66/4 - 20MHz QPSK - Full RB - Ant1)

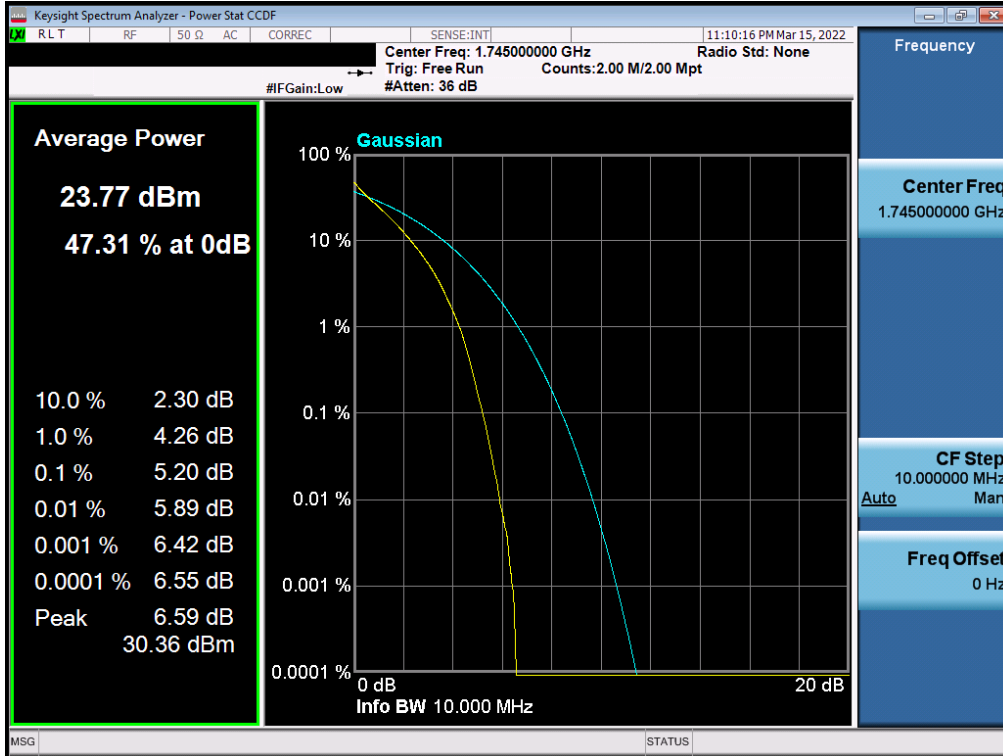


Plot 7-268. PAR Plot (LTE Band 66/4 - 20MHz 64-QAM - Full RB - Ant1)

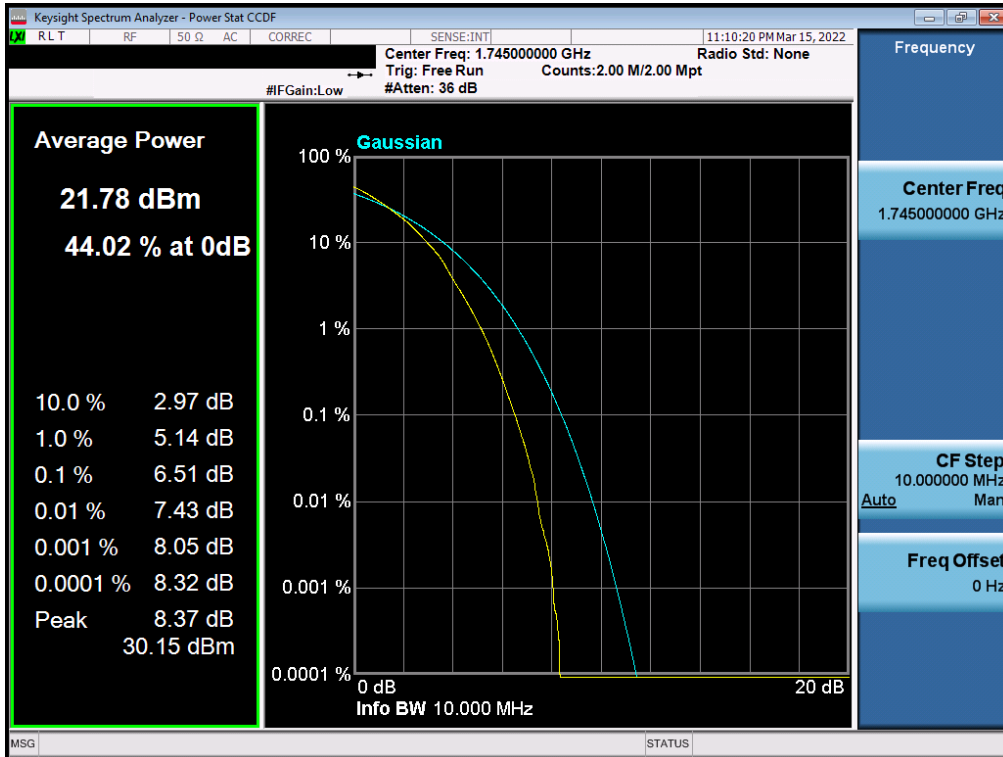
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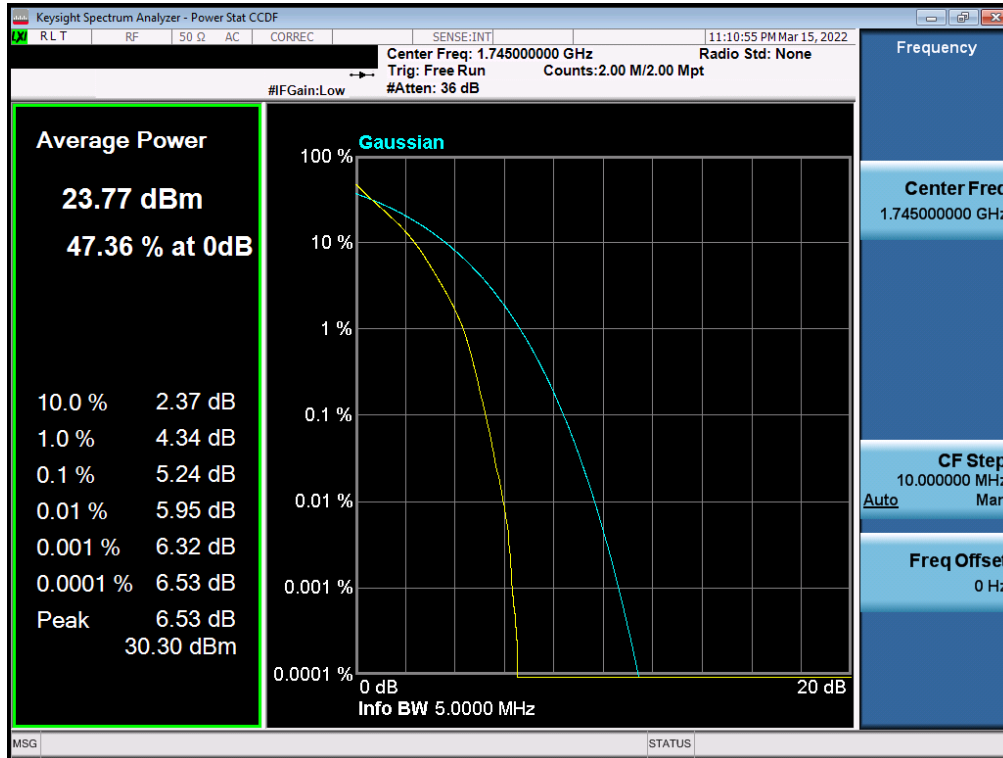


Plot 7-271. PAR Plot (LTE Band 66/4 - 10MHz QPSK - Full RB - Ant1)

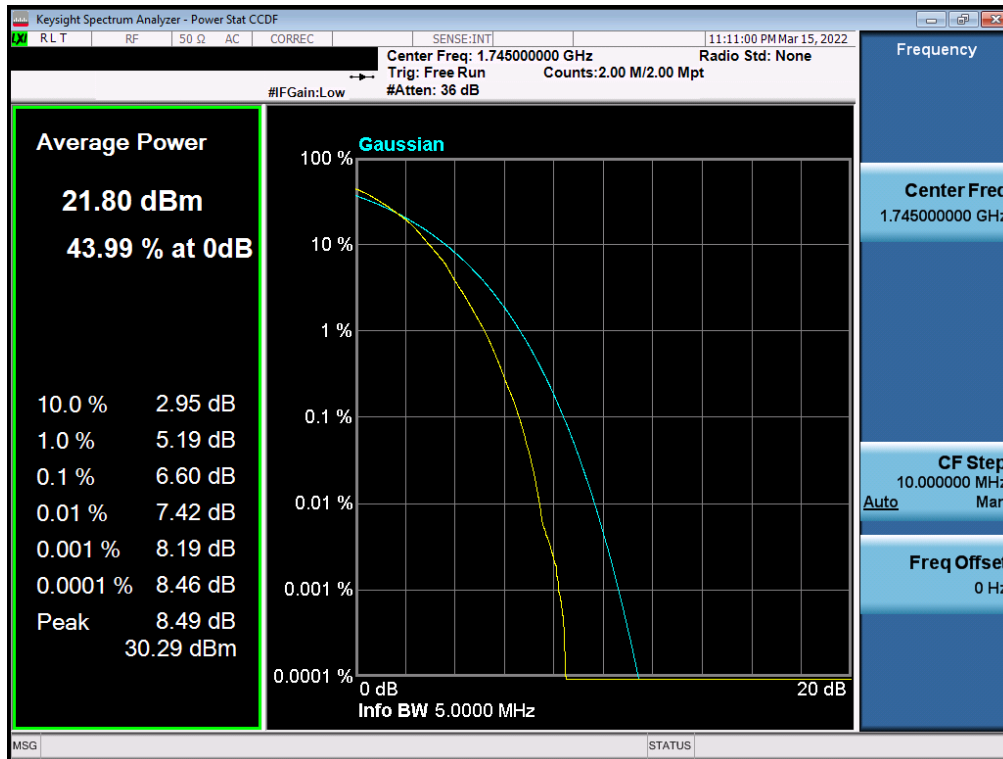


Plot 7-272. PAR Plot (LTE Band 66/4 - 10MHz 64-QAM - Full RB - Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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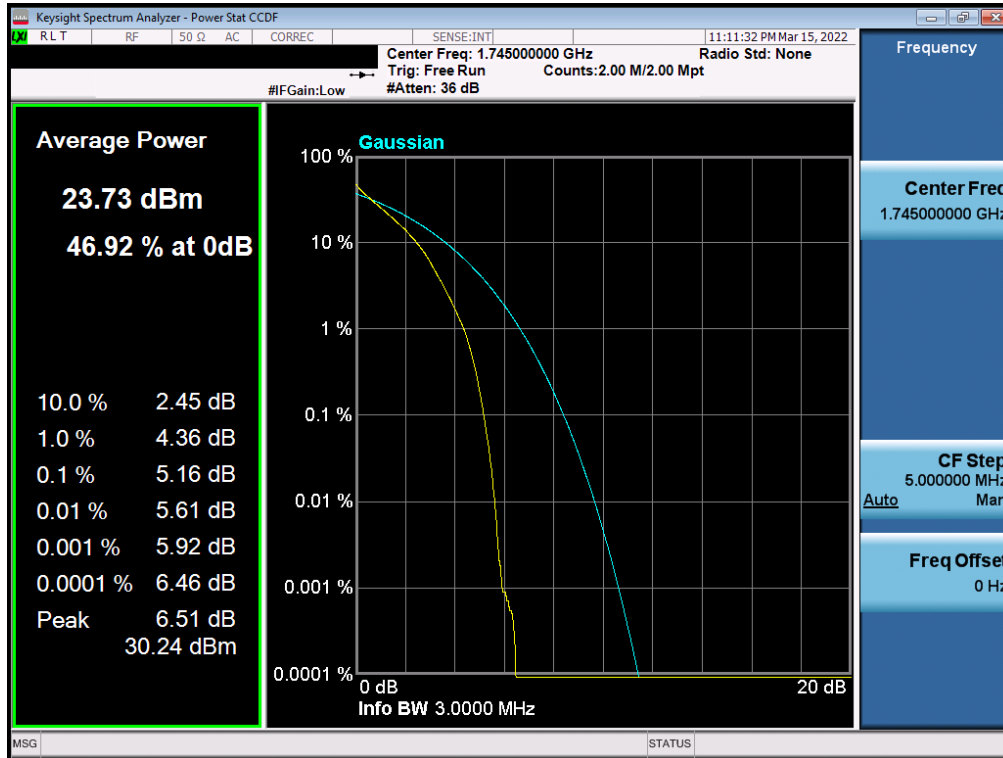


Plot 7-273. PAR Plot (LTE Band 66/4 - 5MHz QPSK - Full RB - Ant1)

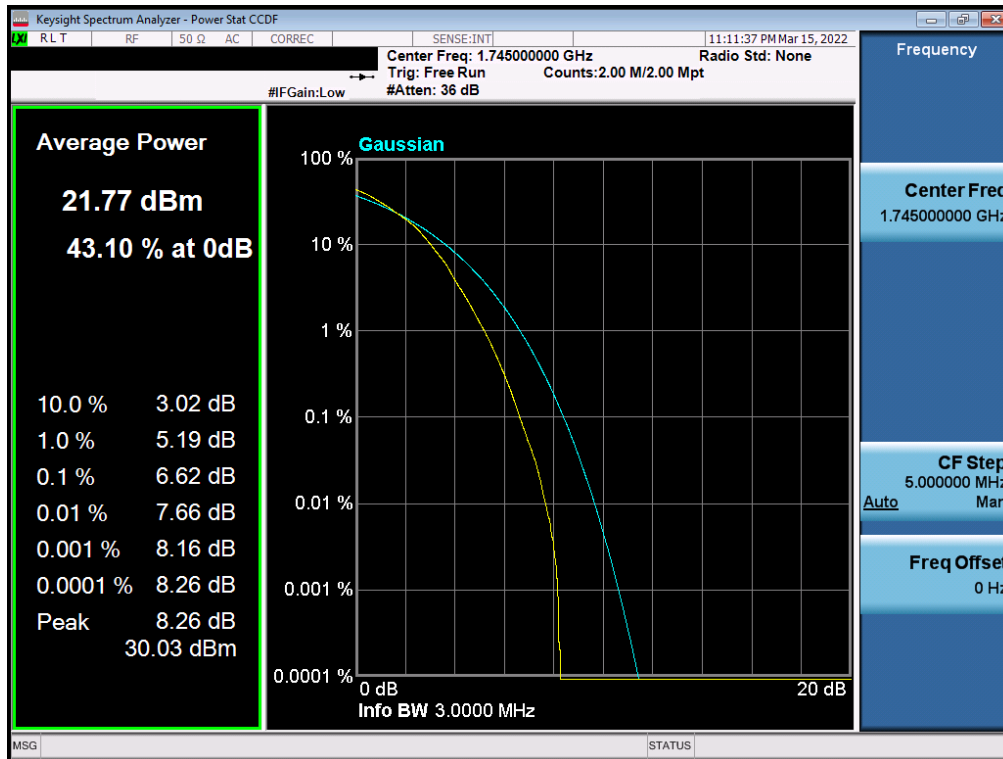


Plot 7-274. PAR Plot (LTE Band 66/4 - 5MHz 64-QAM - Full RB - Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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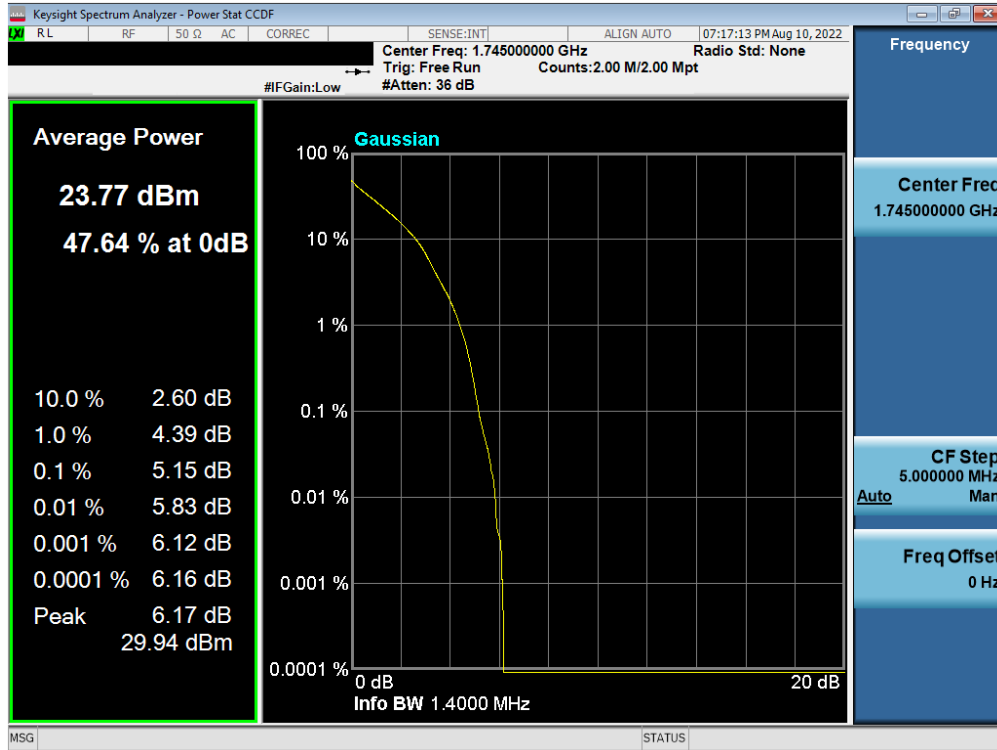


Plot 7-275. PAR Plot (LTE Band 66/4 - 3MHz QPSK - Full RB - Ant1)

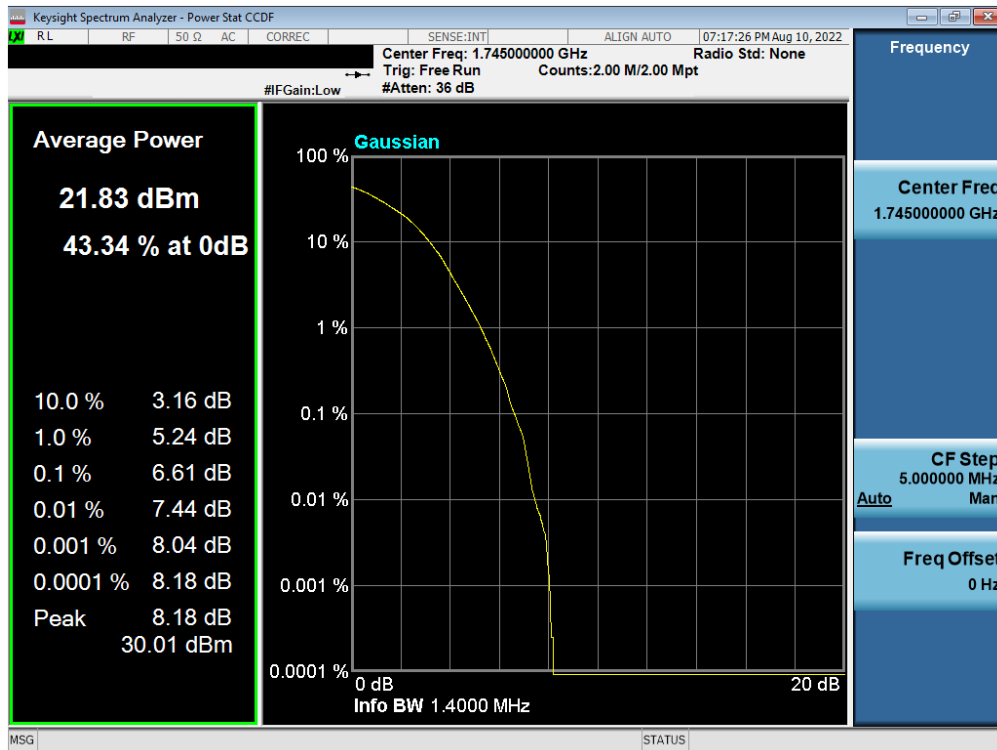


Plot 7-276. PAR Plot (LTE Band 66/4 - 3MHz 64-QAM - Full RB - Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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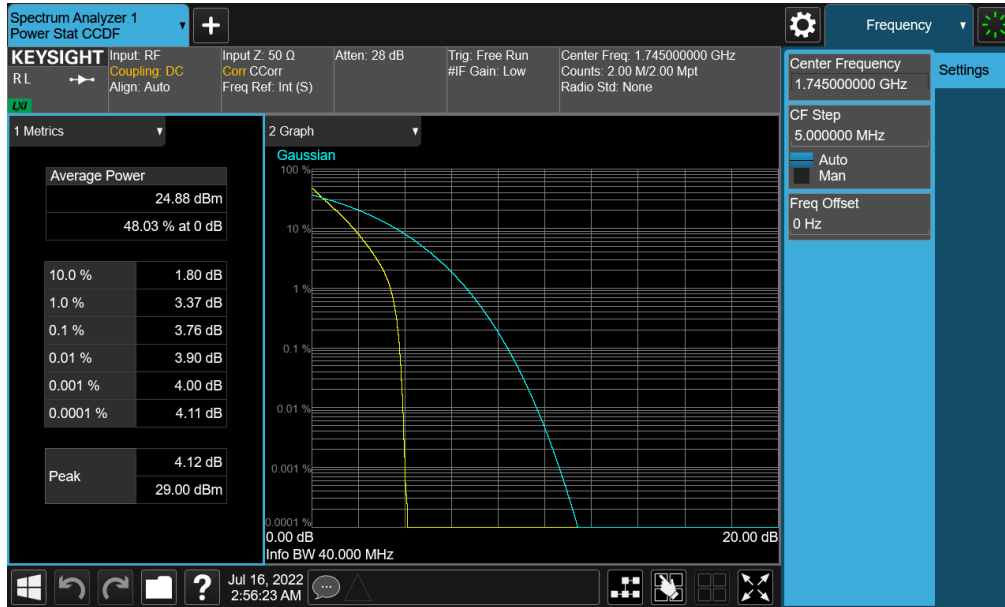
Plot 7-277. PAR Plot (LTE Band 66/4 - 1.4MHz QPSK - Full RB - Ant1)



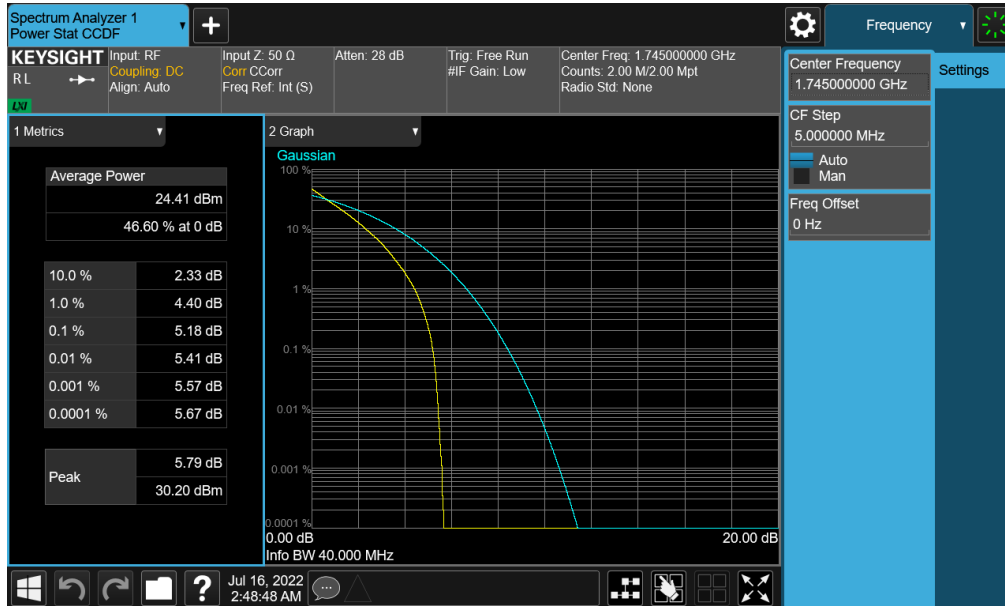
Plot 7-278. PAR Plot (LTE Band 66/4 - 1.4MHz 64-QAM - Full RB - Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n66 – Ant1



Plot 7-279. PAR Plot (NR Band n66 - 40.0MHz DFT-s-OFDM BPSK - Full RB - Ant1)

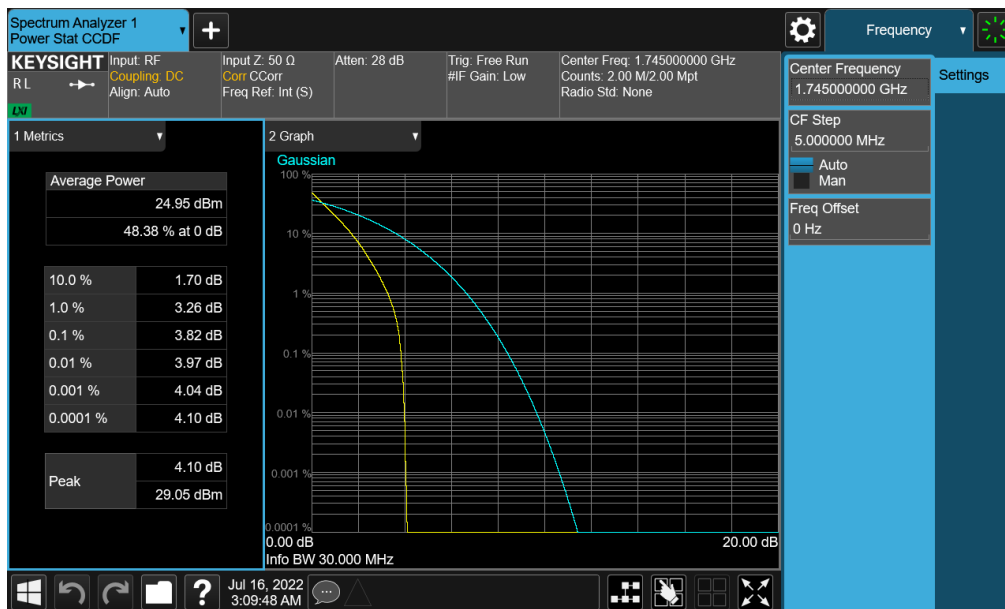


Plot 7-280. PAR Plot (NR Band n66 - 40.0MHz CP-OFDM QPSK - Full RB - Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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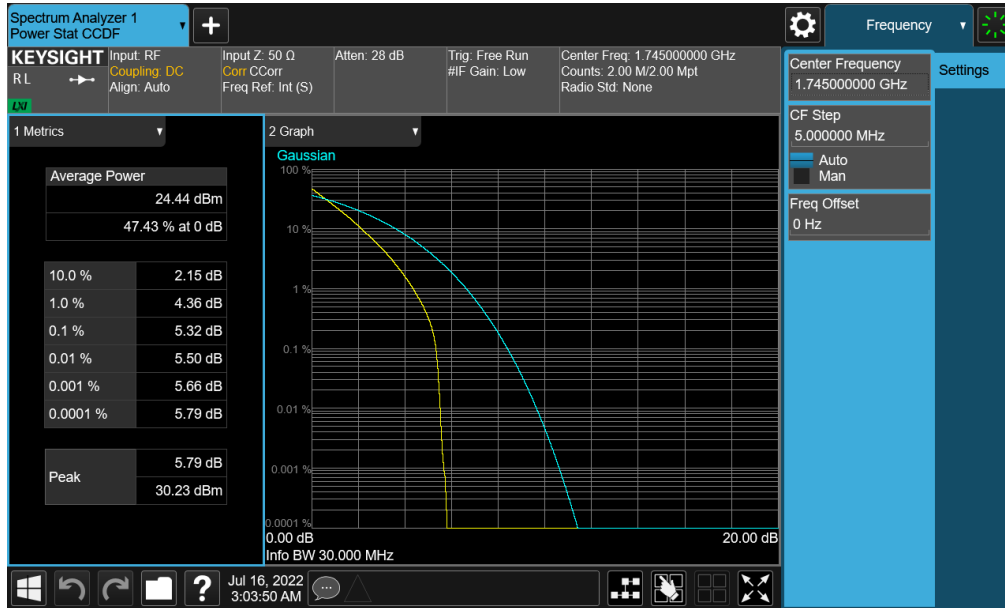


Plot 7-281. PAR Plot (NR Band n66 - 40.0MHz CP-OFDM 256-QAM - Full RB - Ant1)

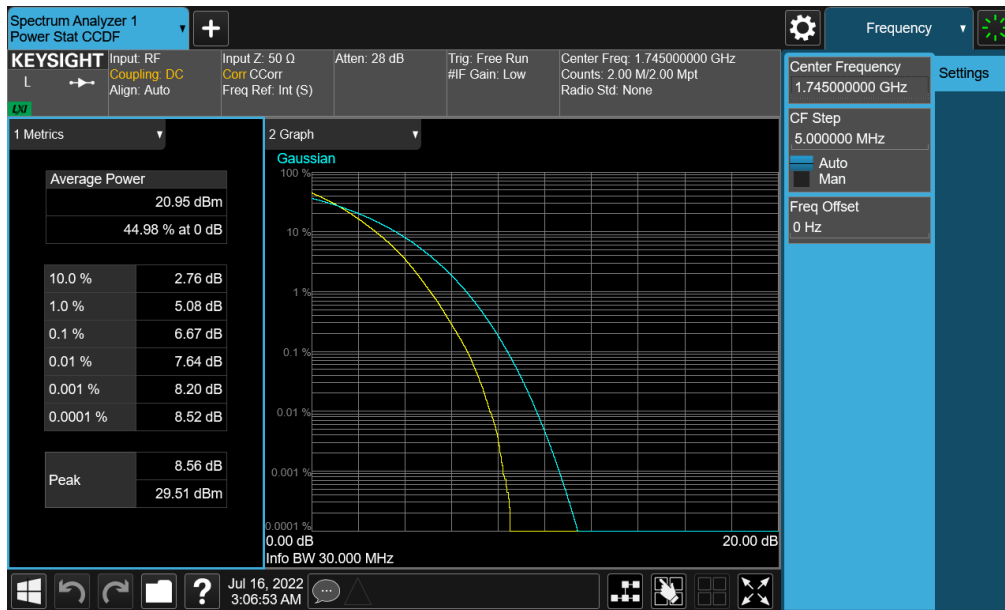


Plot 7-282. PAR Plot (NR Band n66 - 30.0MHz DFT-s-OFDM BPSK - Full RB - Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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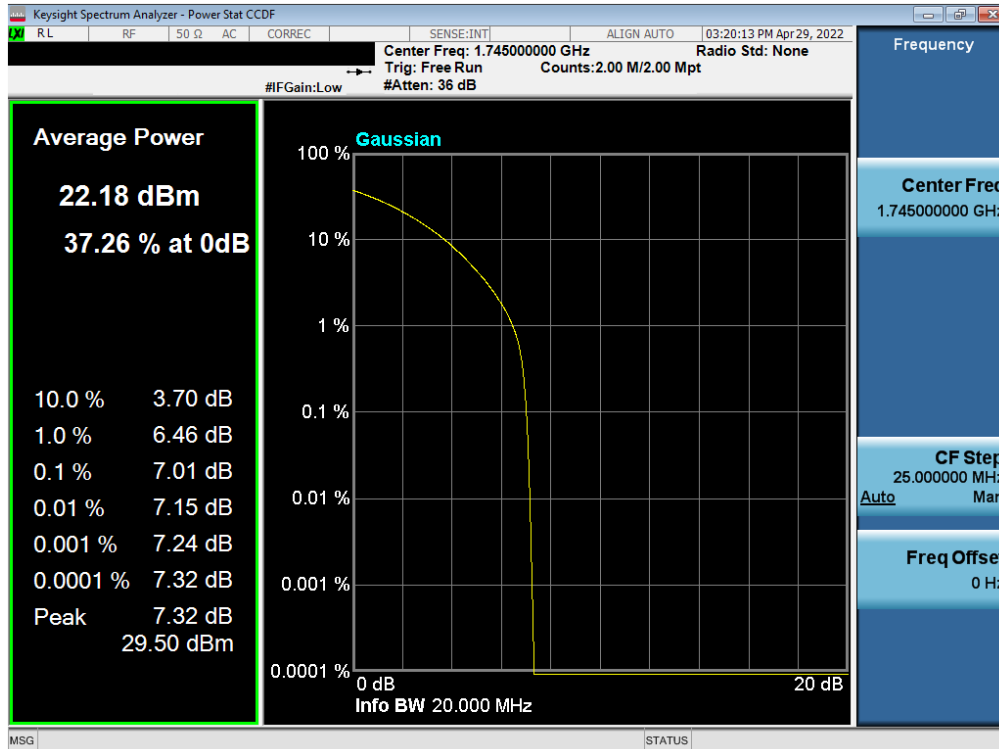
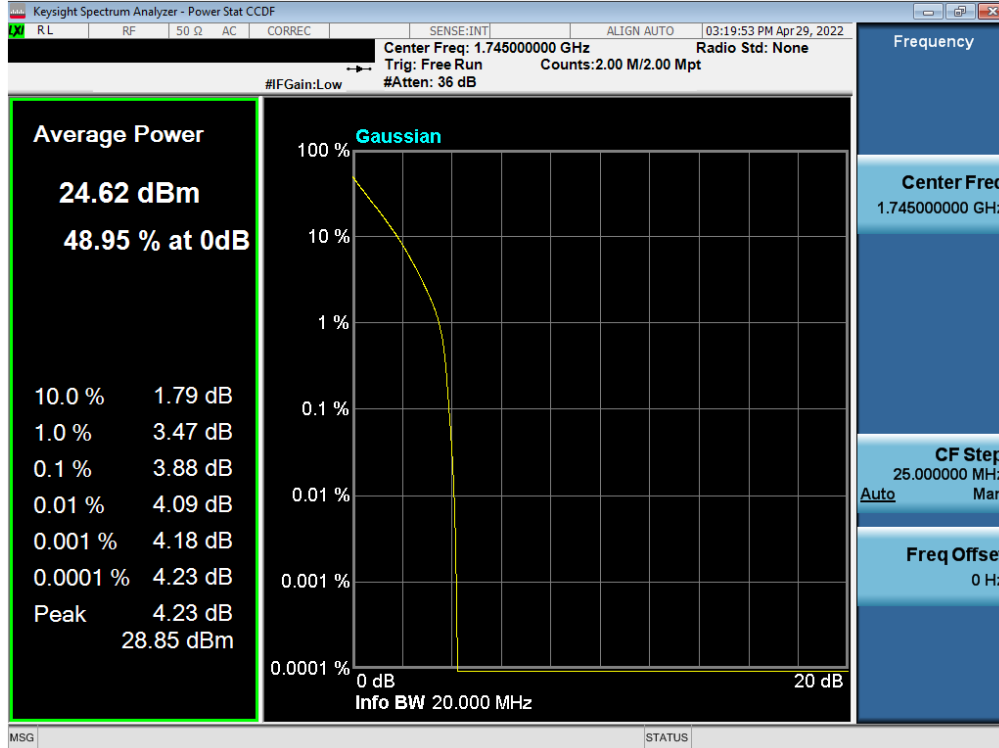


Plot 7-283. PAR Plot (NR Band n66 - 30.0MHz CP-OFDM QPSK - Full RB - Ant1)

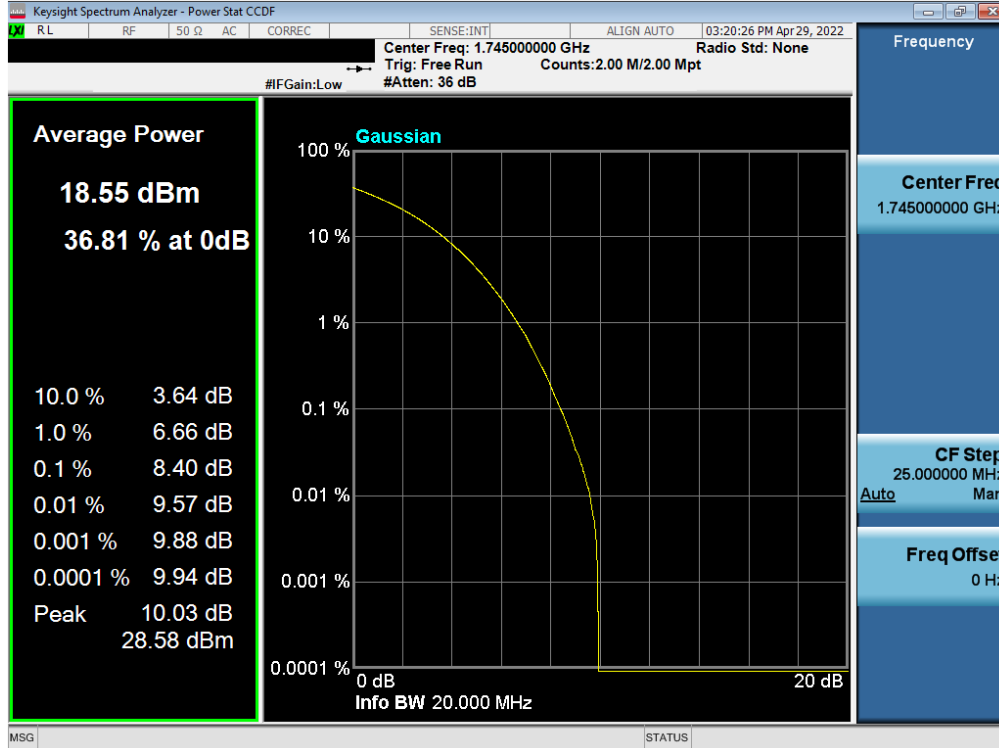


Plot 7-284. PAR Plot (NR Band n66 - 30.0MHz CP-OFDM 256-QAM - Full RB - Ant1)

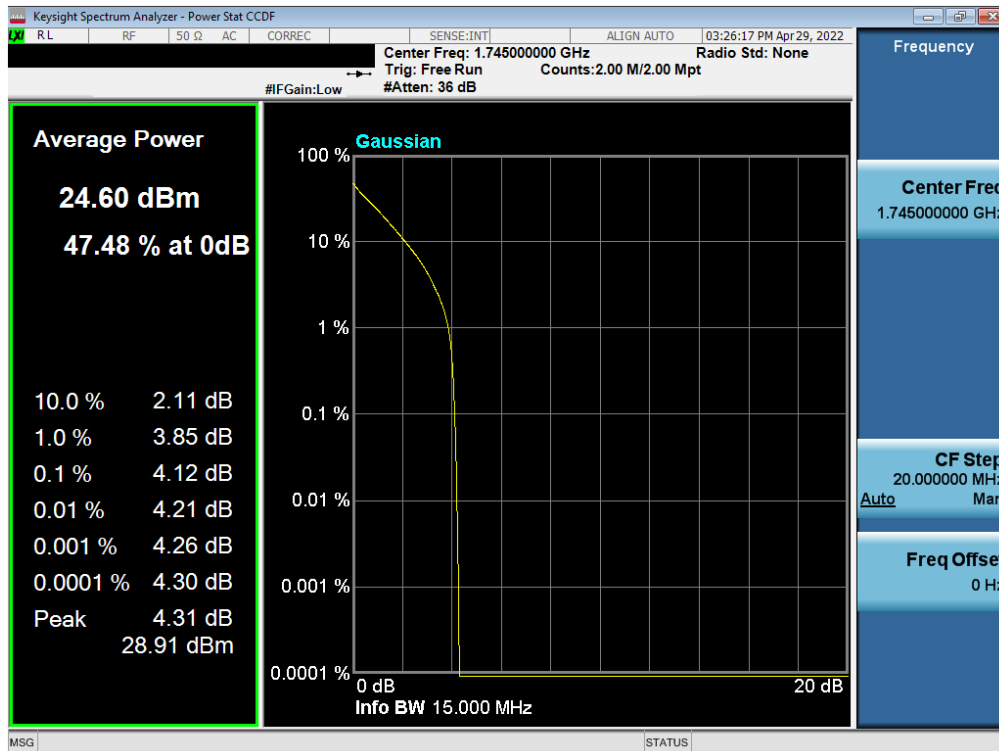
FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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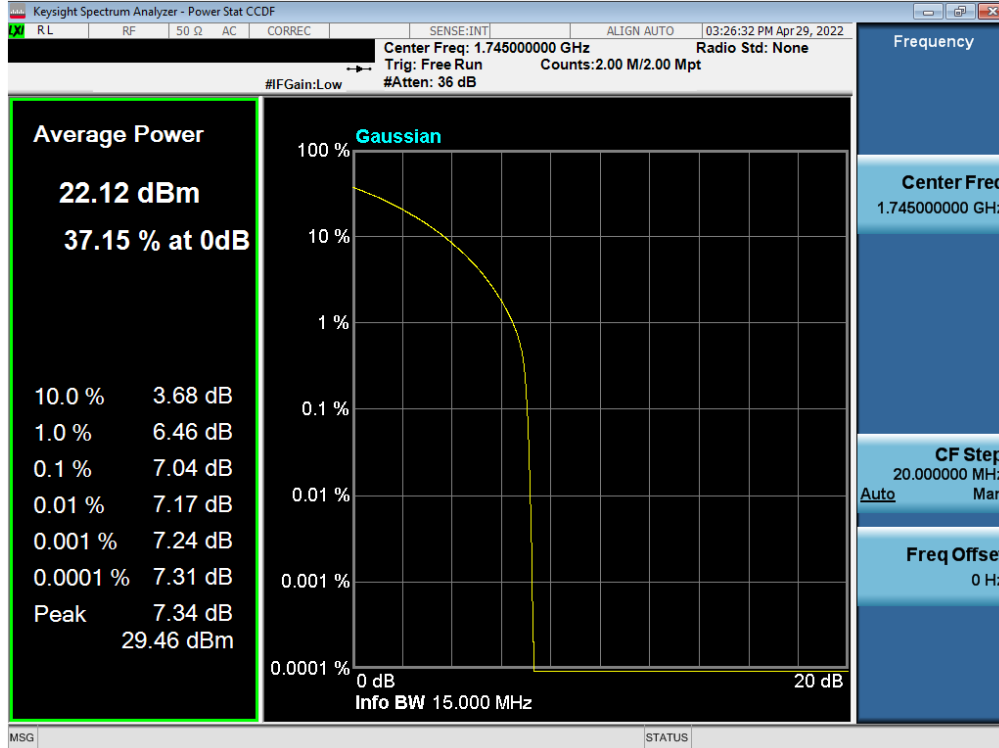


Plot 7-287. PAR Plot (NR Band n66 - 20.0MHz CP-OFDM 256-QAM - Full RB - Ant1)

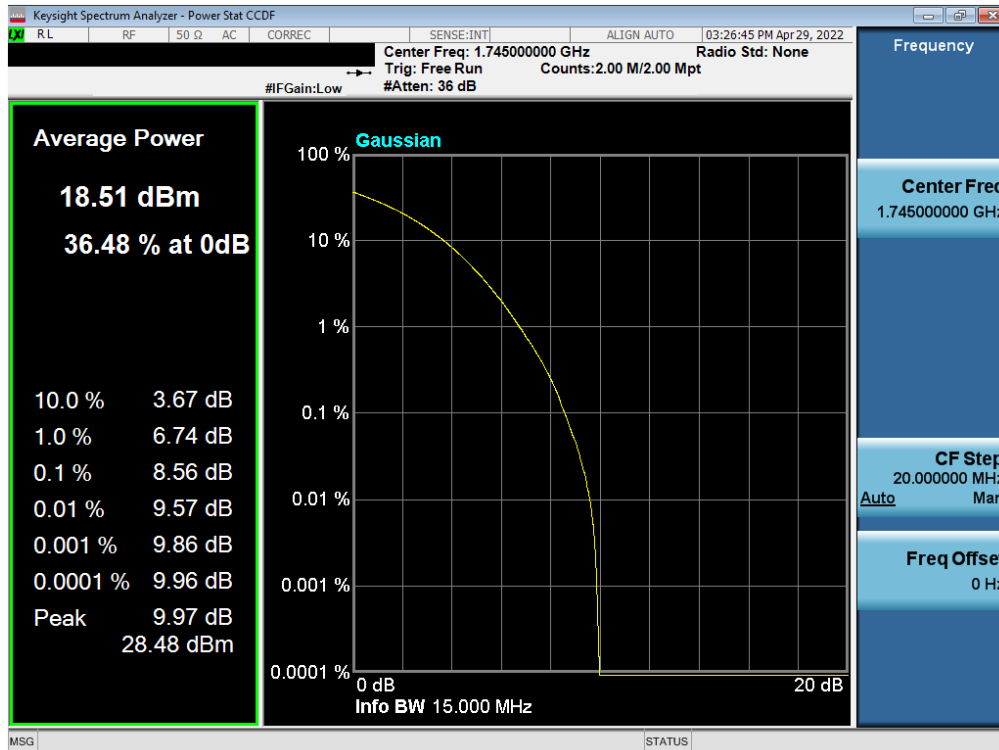


Plot 7-288. PAR Plot (NR Band n66 - 15.0MHz DFT-s-OFDM BPSK - Full RB - Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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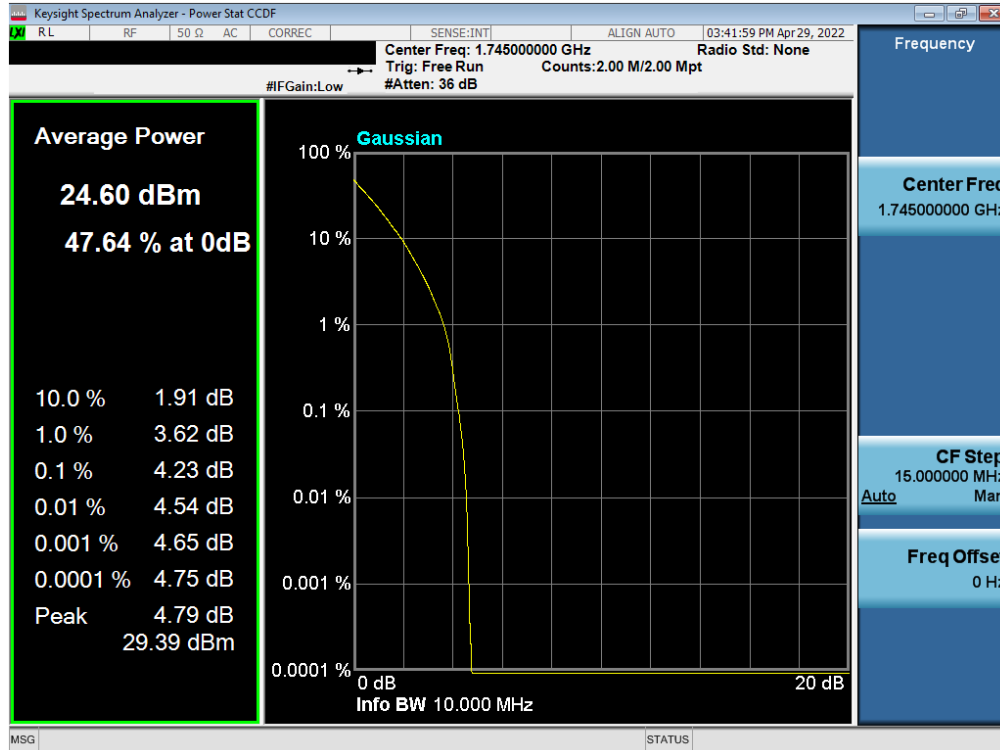


Plot 7-289. PAR Plot (NR Band n66 - 15.0MHz CP-OFDM QPSK - Full RB - Ant1)

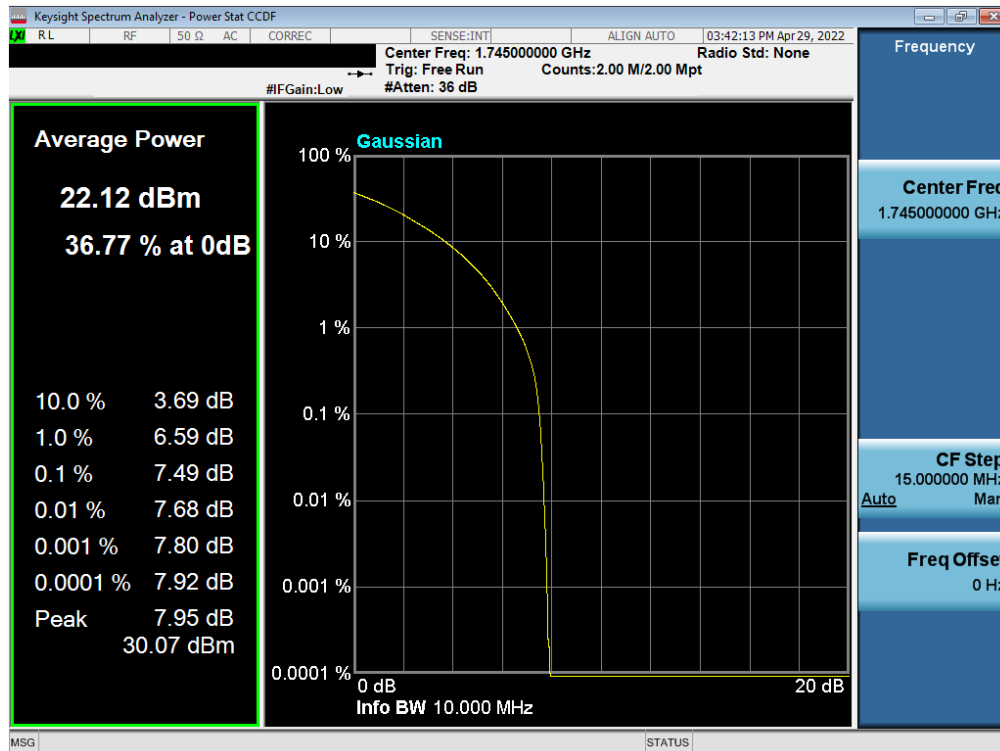


Plot 7-290. PAR Plot (NR Band n66 - 15.0MHz CP-OFDM 256-QAM - Full RB - Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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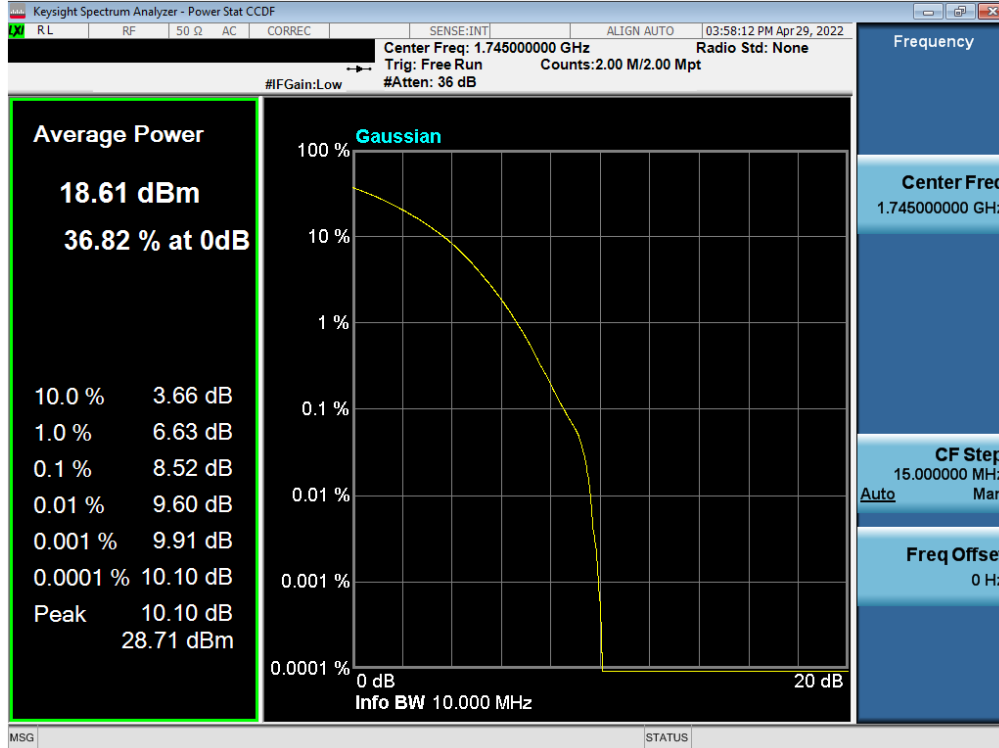


Plot 7-291. PAR Plot (NR Band n66 - 10.0MHz DFT-s-OFDM BPSK - Full RB - Ant1)

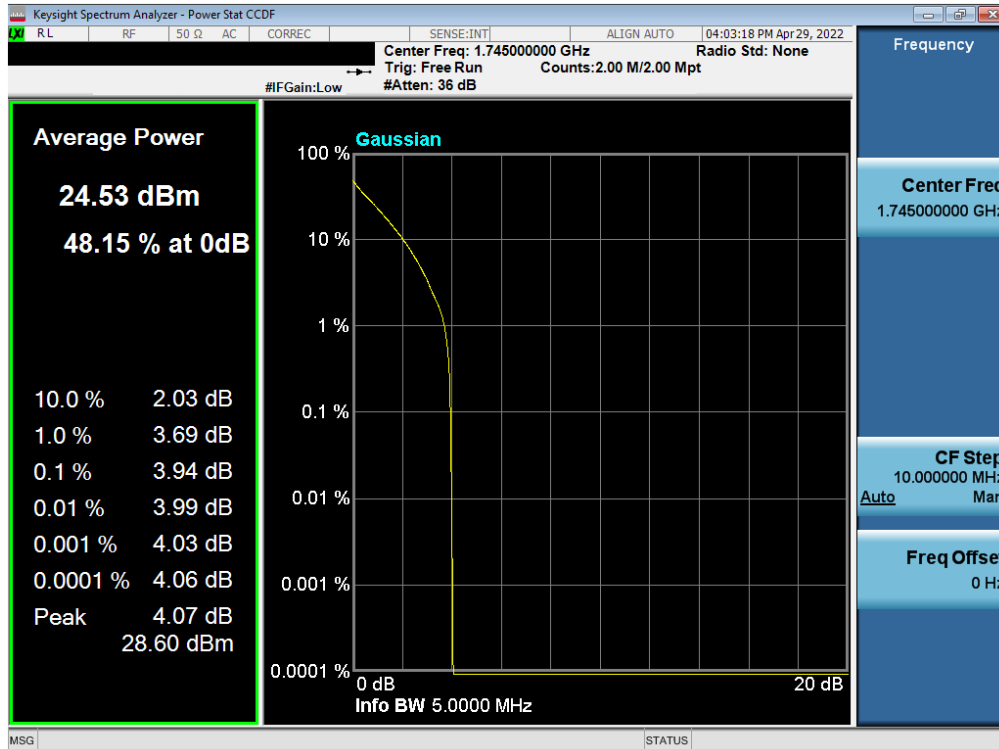


Plot 7-292. PAR Plot (NR Band n66 - 10.0MHz CP-OFDM QPSK - Full RB - Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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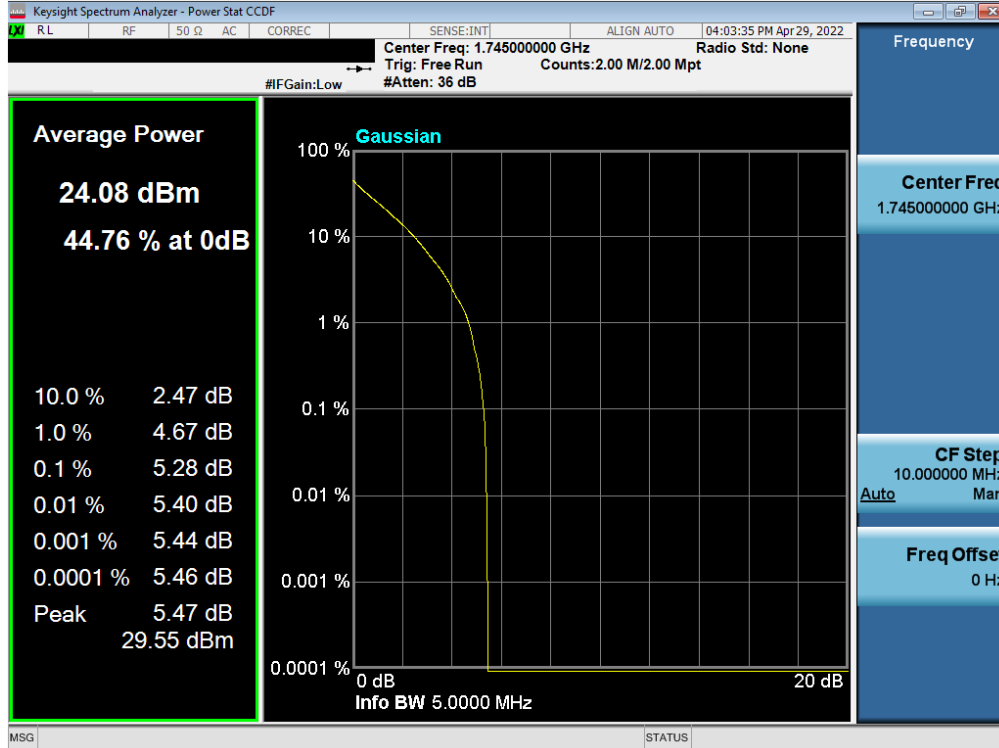


Plot 7-293. PAR Plot (NR Band n66 - 10.0MHz CP-OFDM 256-QAM - Full RB - Ant1)

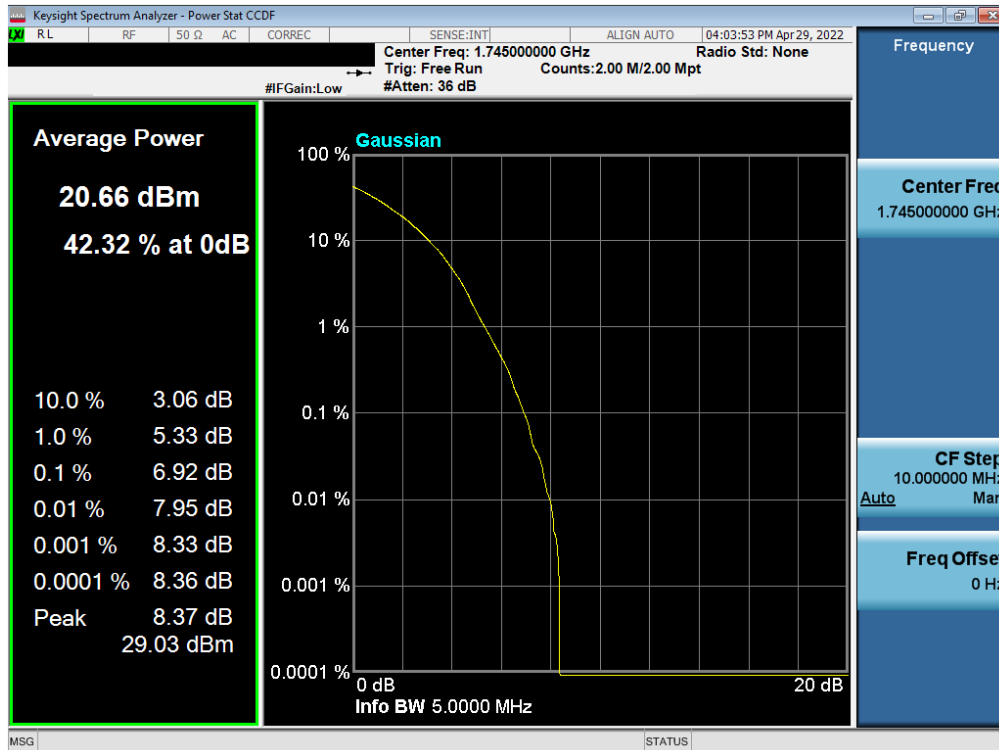


Plot 7-294. PAR Plot (NR Band n66 - 5.0MHz DFT-s-OFDM BPSK - Full RB - Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-295. PAR Plot (NR Band n66 - 5.0MHz CP-OFDM QPSK - Full RB - Ant1)



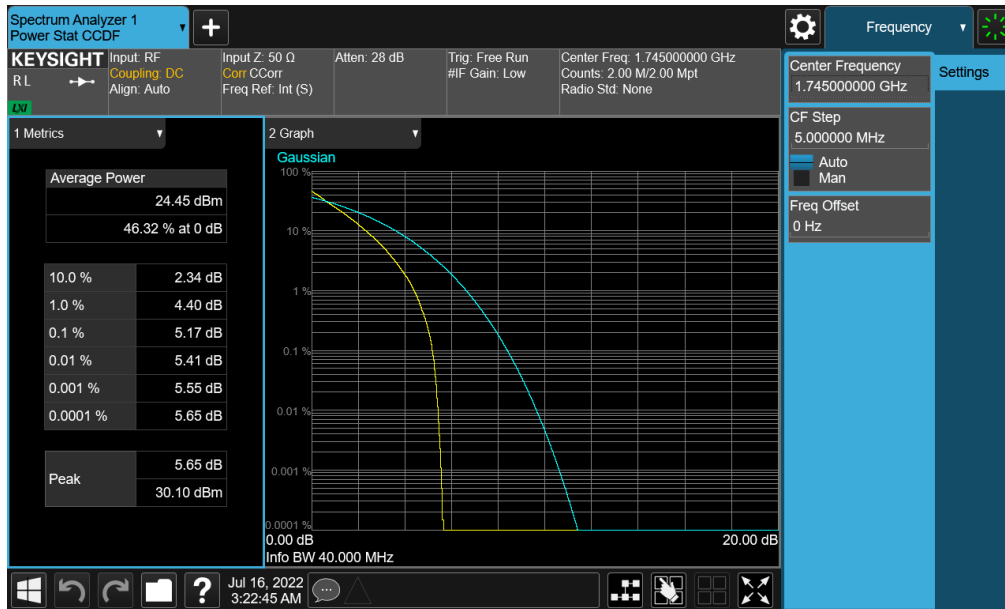
Plot 7-296. PAR Plot (NR Band n66 - 5.0MHz CP-OFDM 256-QAM - Full RB - Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n66 – Ant4



Plot 7-297. PAR Plot (NR Band n66 - 40.0MHz DFT-s-OFDM BPSK - Full RB - Ant4)

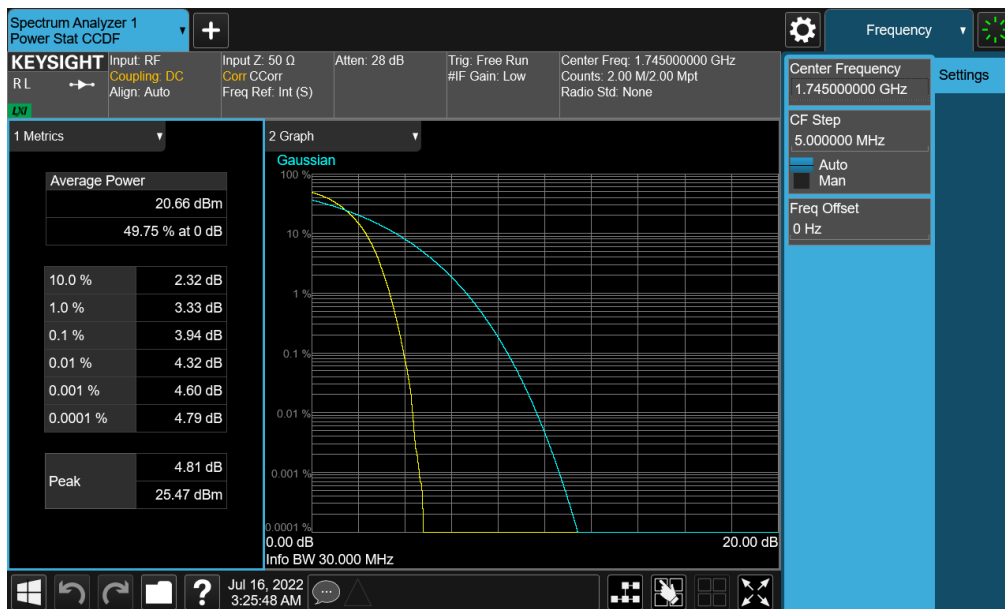


Plot 7-298. PAR Plot (NR Band n66 - 40.0MHz CP-OFDM QPSK - Full RB - Ant4)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-299. PAR Plot (NR Band n66 - 40.0MHz CP-OFDM 256-QAM - Full RB - Ant4)



Plot 7-300. PAR Plot (NR Band n66 - 30.0MHz DFT-s-OFDM BPSK - Full RB - Ant4)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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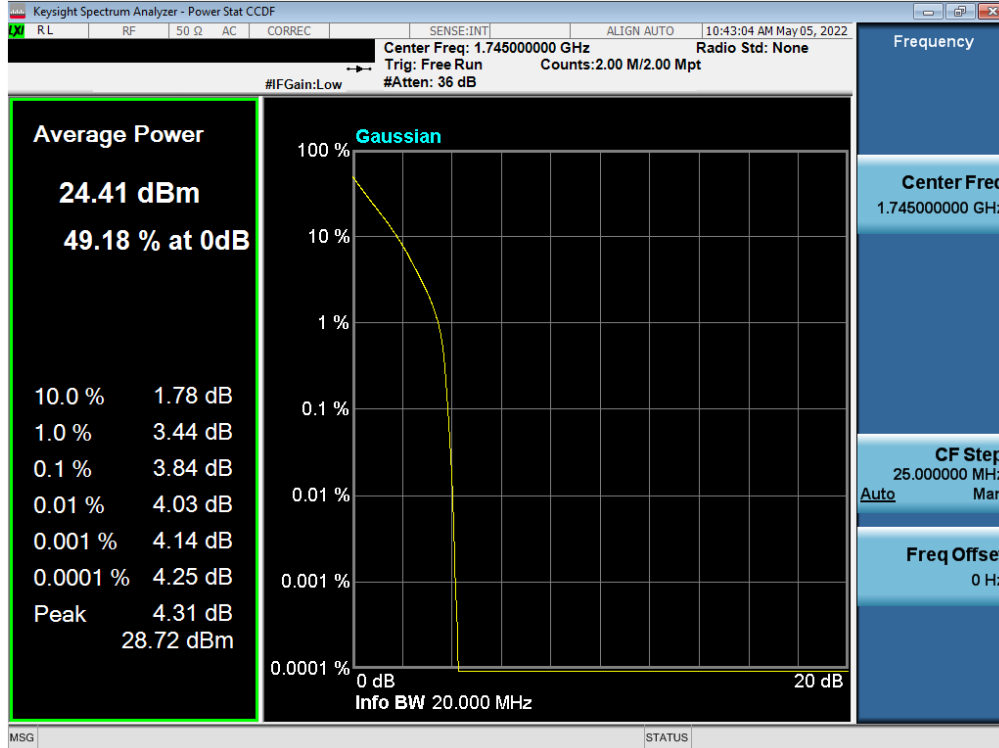


Plot 7-301. PAR Plot (NR Band n66 - 30.0MHz CP-OFDM QPSK - Full RB - Ant4)

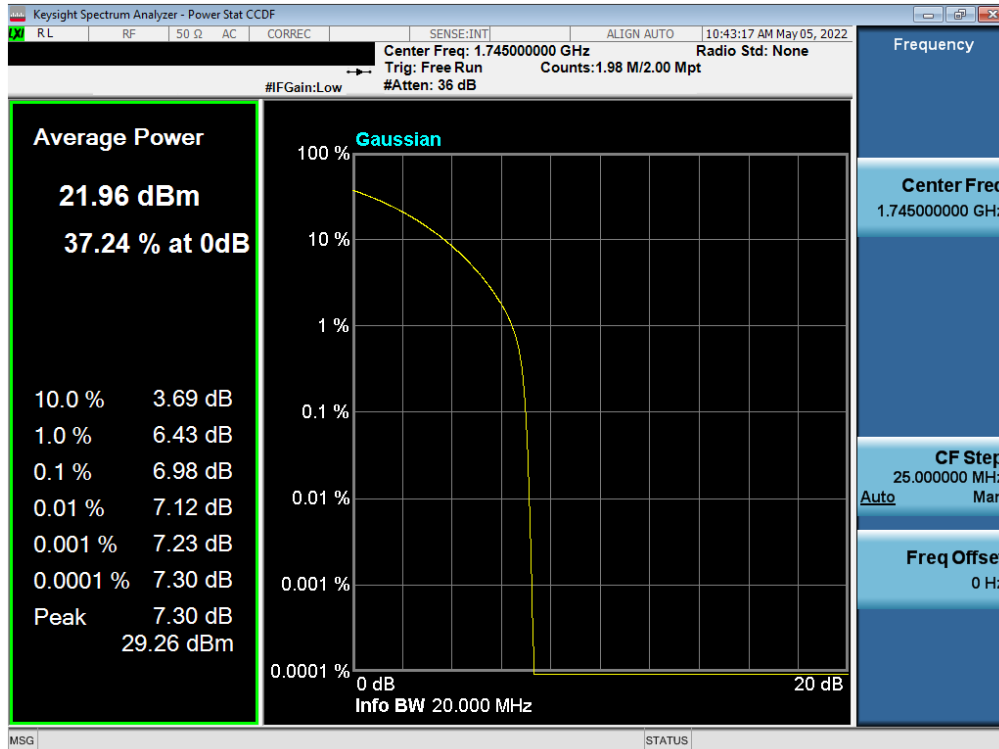


Plot 7-302. PAR Plot (NR Band n66 - 30.0MHz CP-OFDM 256-QAM - Full RB - Ant4)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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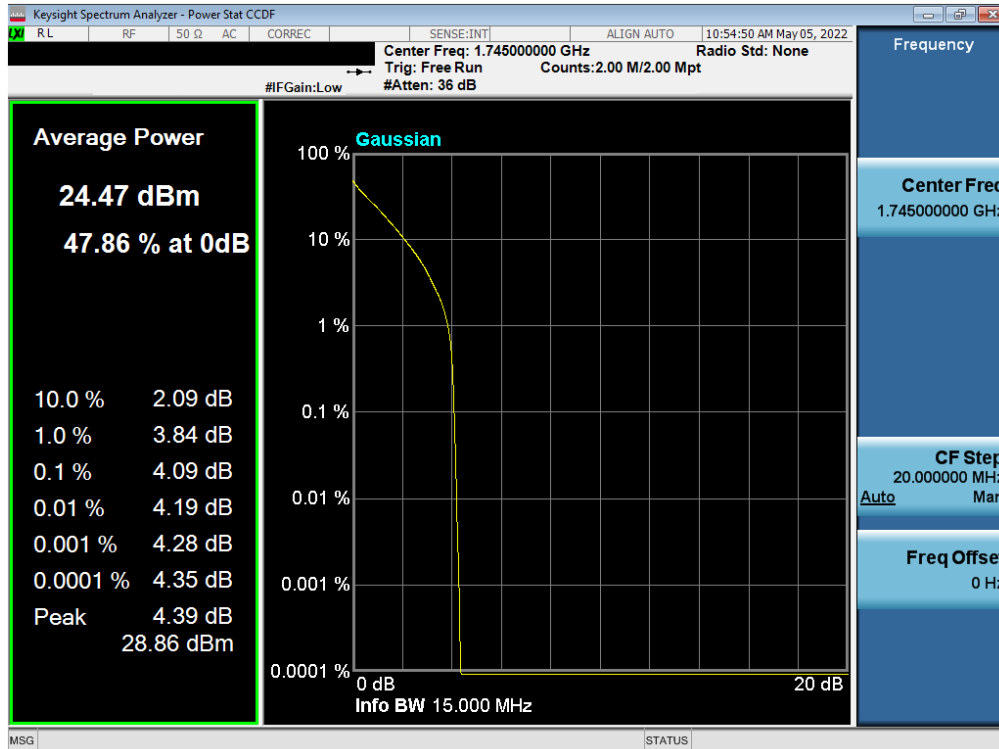
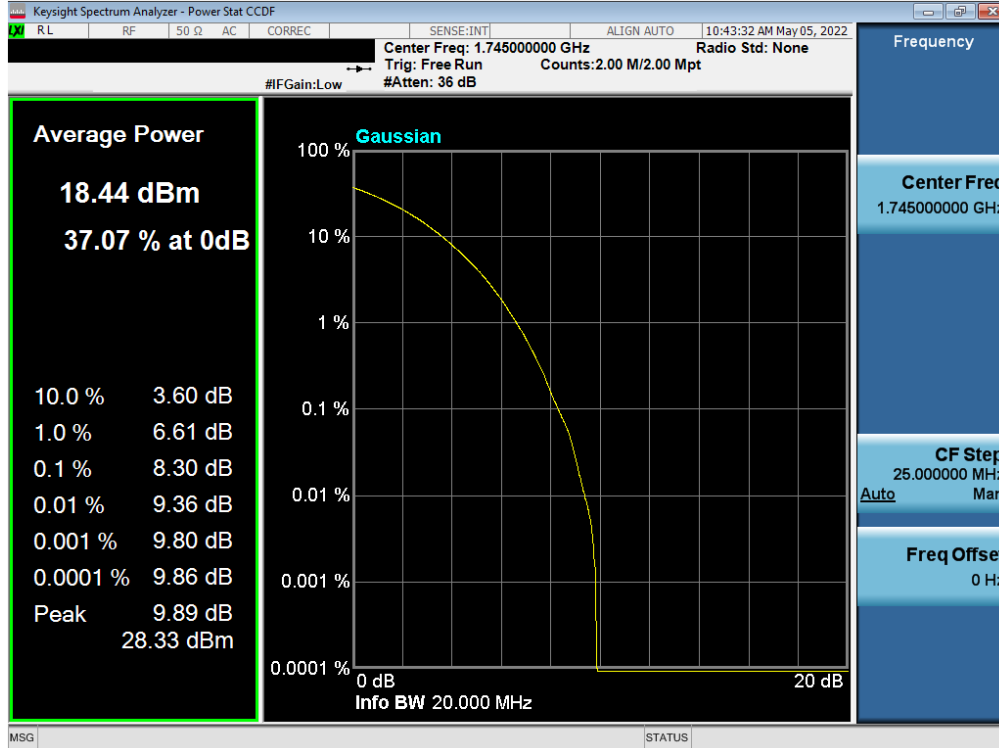


Plot 7-303. PAR Plot (NR Band n66 - 20.0MHz DFT-s-OFDM BPSK - Full RB - Ant4)

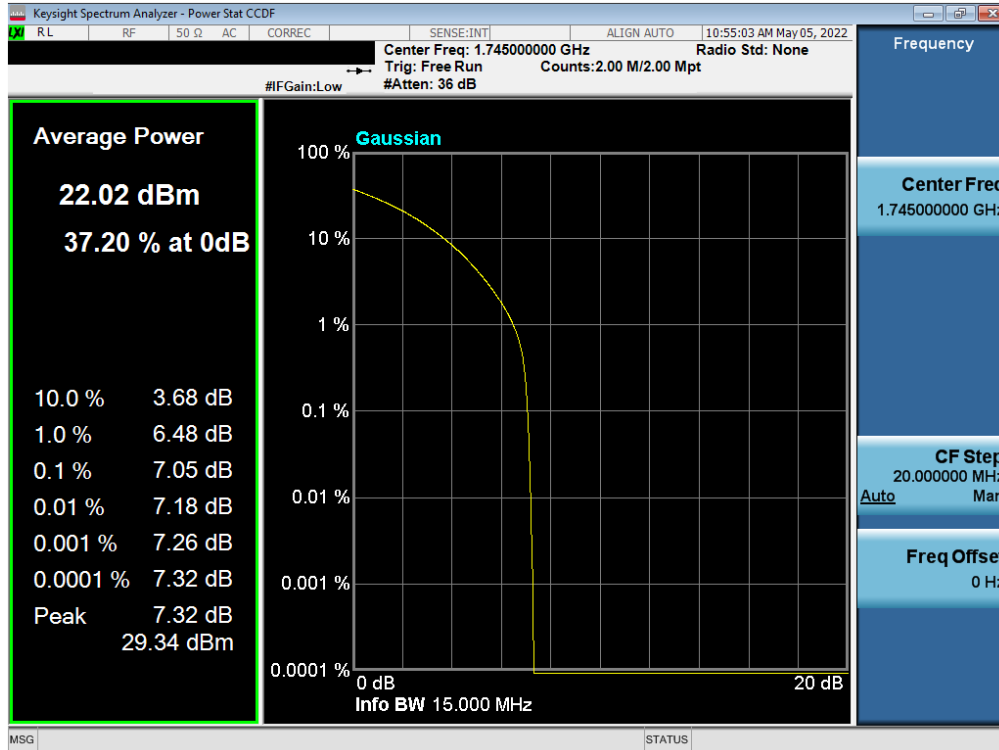


Plot 7-304. PAR Plot (NR Band n66 - 20.0MHz CP-OFDM QPSK - Full RB - Ant4)

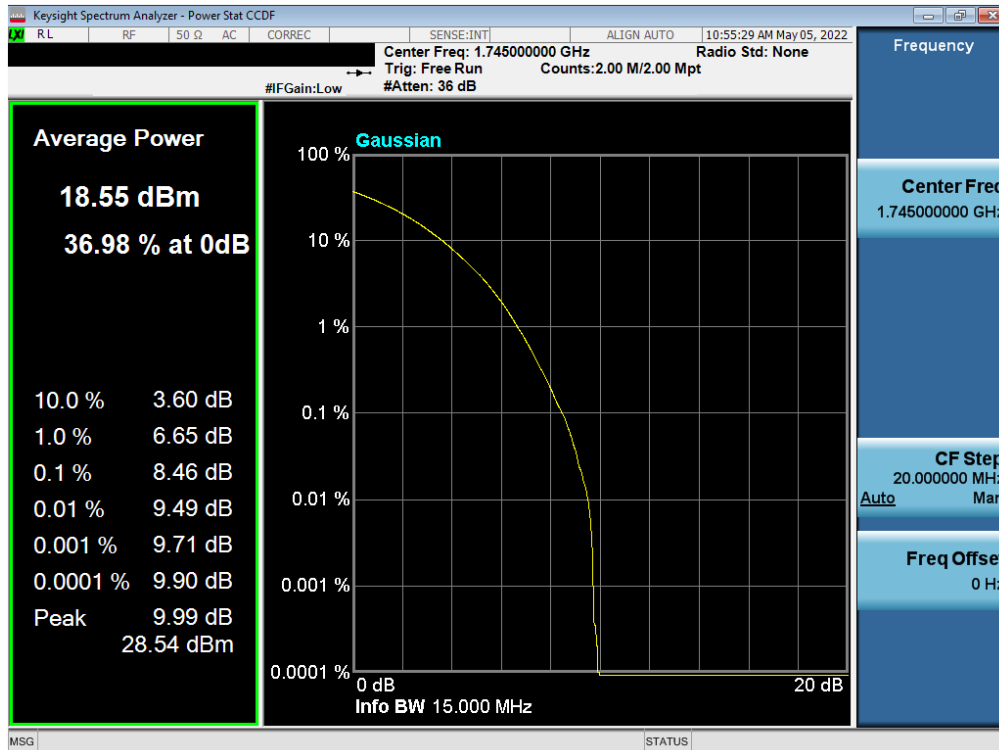
FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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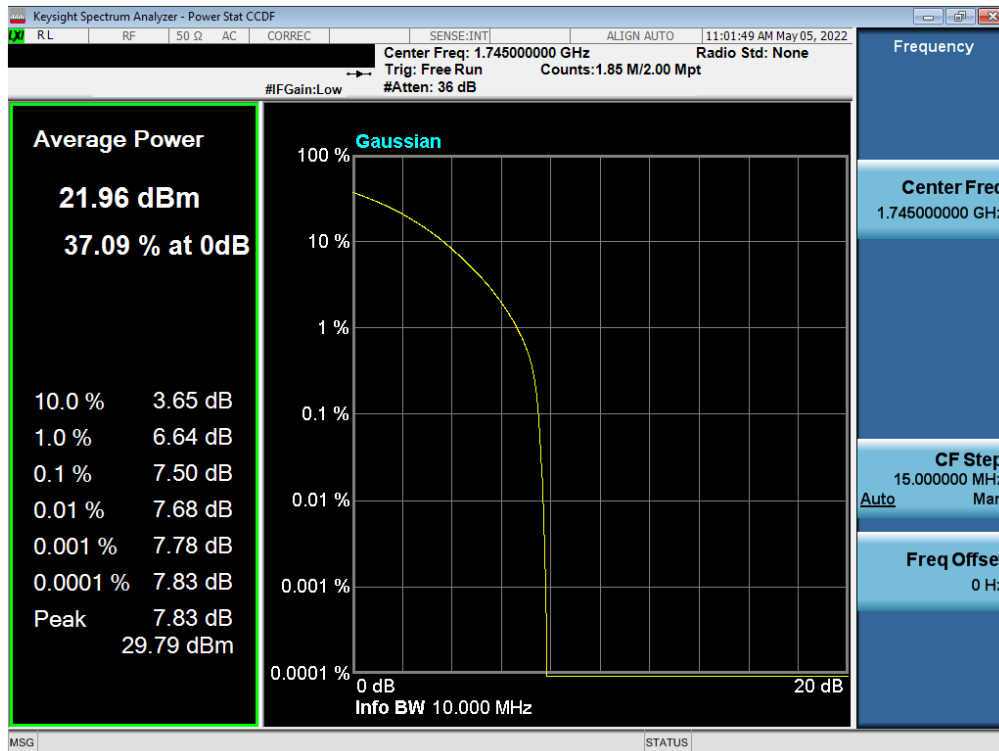
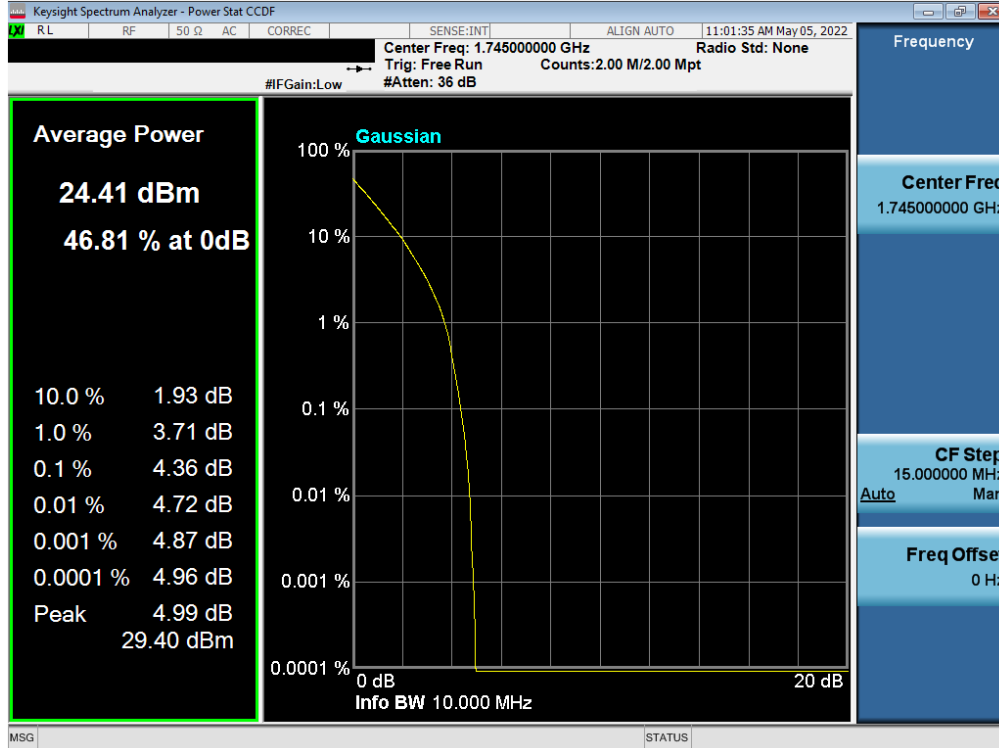


Plot 7-307. PAR Plot (NR Band n66 - 15.0MHz CP-OFDM QPSK - Full RB - Ant4)

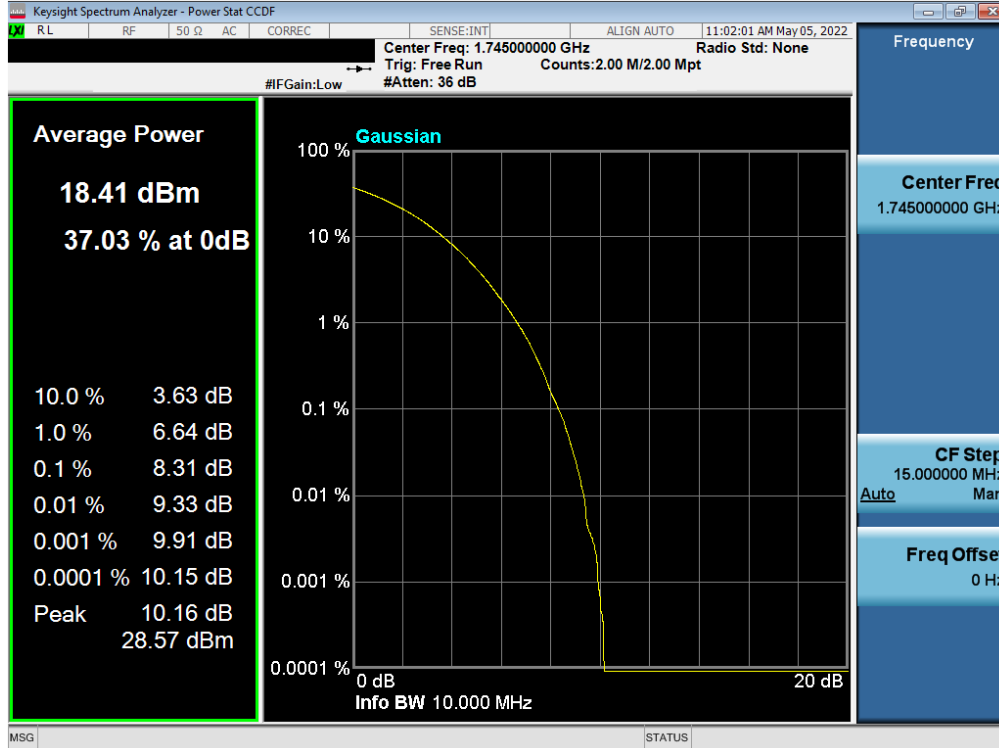


Plot 7-308. PAR Plot (NR Band n66 - 15.0MHz CP-OFDM 256-QAM - Full RB - Ant4)

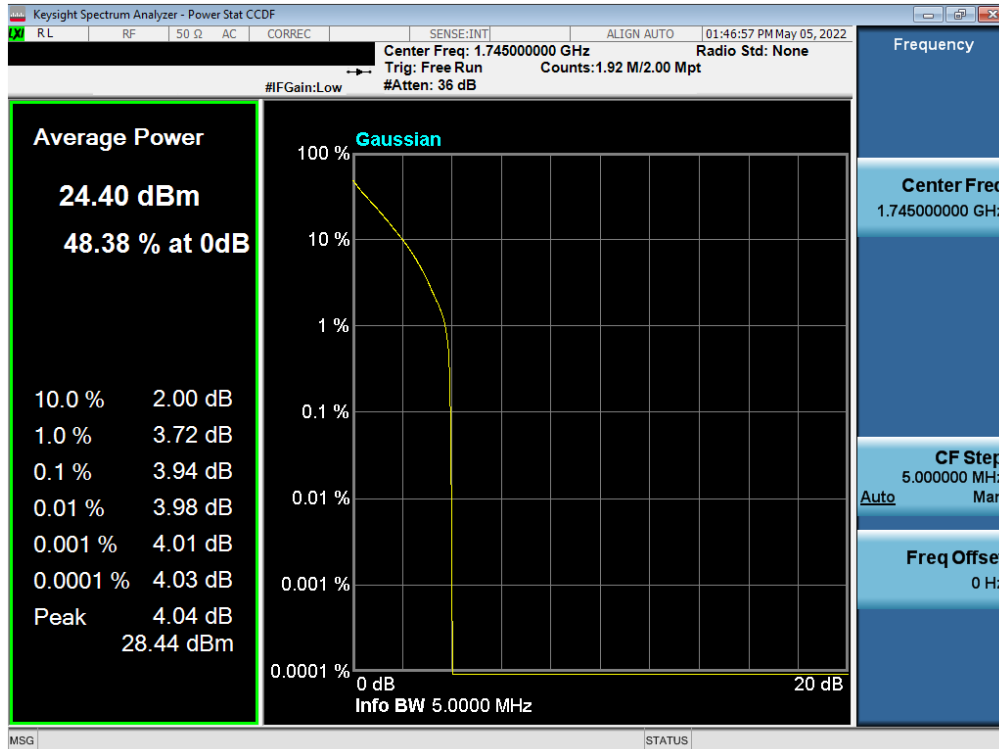
FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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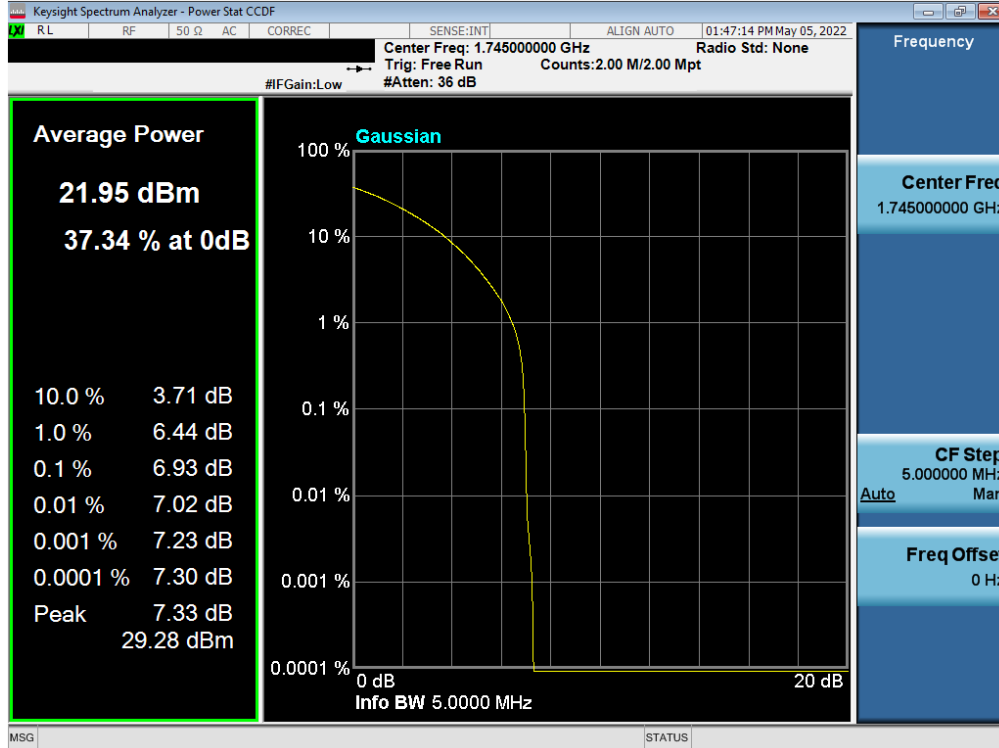


Plot 7-311. PAR Plot (NR Band n66 - 10.0MHz CP-OFDM 256-QAM - Full RB - Ant4)

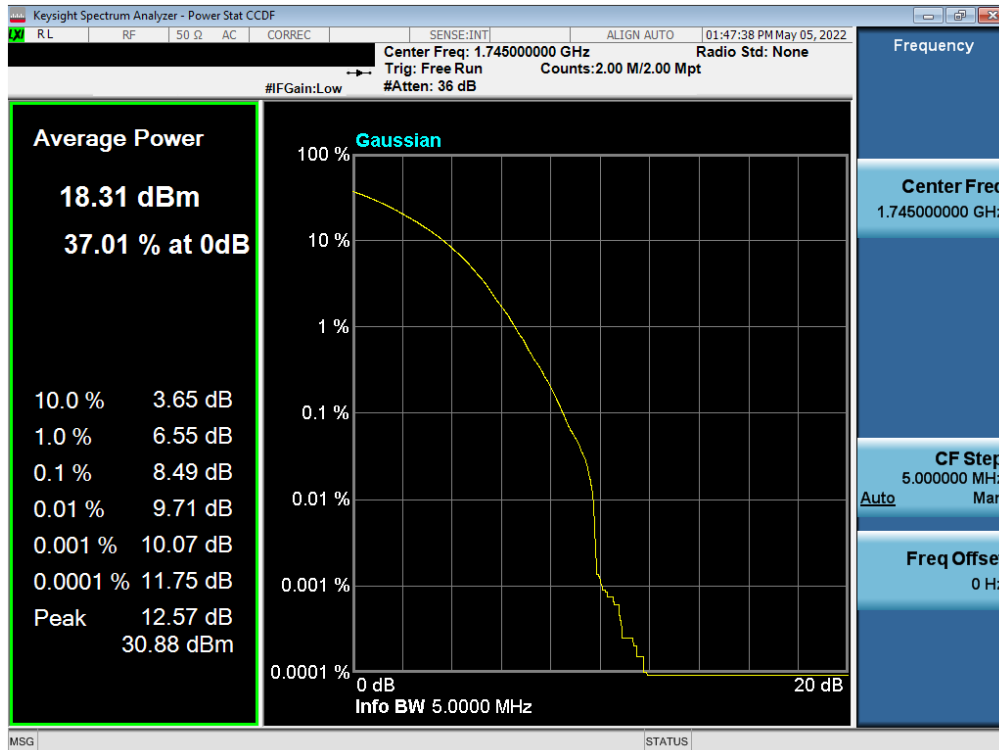


Plot 7-312. PAR Plot (NR Band n66 - 5.0MHz DFT-s-OFDM BPSK - Full RB - Ant4)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-313. PAR Plot (NR Band n66 - 5.0MHz CP-OFDM QPSK - Full RB - Ant4)



Plot 7-314. PAR Plot (NR Band n66 - 5.0MHz CP-OFDM 256-QAM - Full RB - Ant4)

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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 x RBW
4. Span = 1.5 times the OBW
5. No. of sweep points \geq 2 x 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

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Test Setup

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

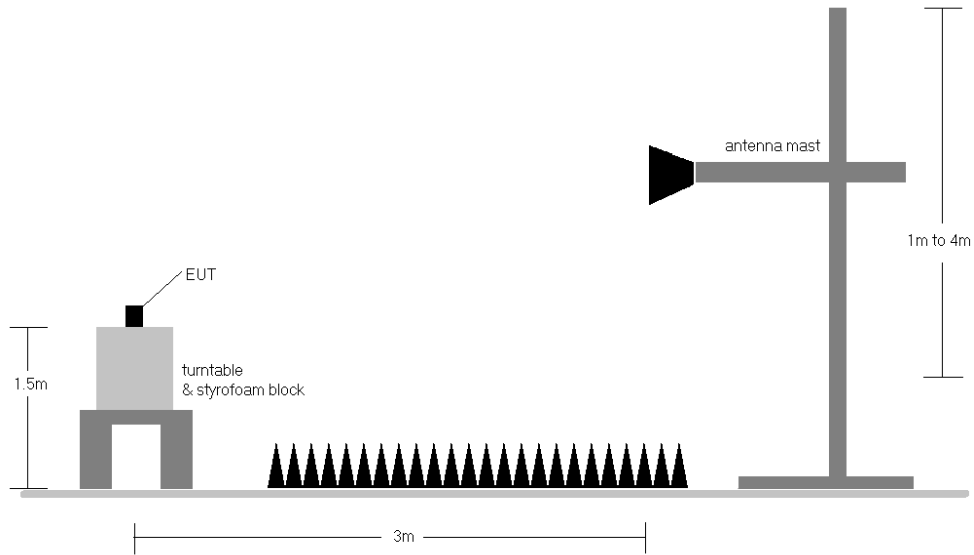


Figure 7-6. Radiated Test Setup <1GHz

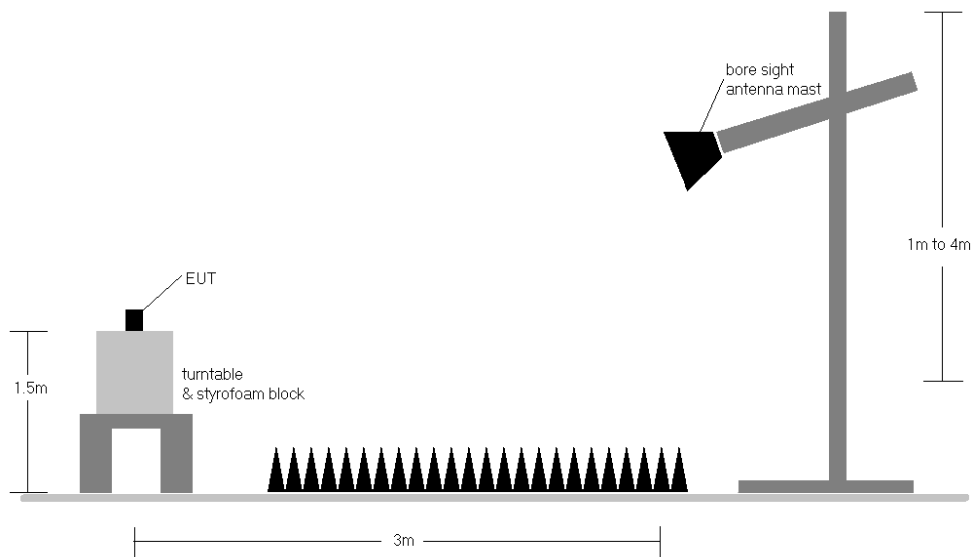


Figure 7-7. Radiated Test Setup >1GHz

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Test Notes

- 1) The EUT was tested in three orthogonal planes and in all possible test configurations and positioning. The worst case emissions are reported with the EUT positioning, modulations, RB sizes and offsets, and channel bandwidth configurations shown in the tables below.
- 2) This unit was tested with its standard battery.
- 3) For NR operation, all subcarrier spacings (SCS) and transmission schemes (e.g. CP-OFDM and DFT-s-OFDM) were investigated to determine the worst case configuration. All modes of operation were investigated and the worst case configuration results are reported in this section.

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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	QPSK	673.0	H	125	109	2.99	1 / 99	17.18	20.17	0.104	36.99	-16.82	18.02	0.063	34.77	-16.75
	QPSK	680.5	H	102	112	3.09	1 / 99	17.47	20.56	0.114	36.99	-16.43	18.41	0.069	34.77	-16.37
	QPSK	688.0	H	104	110	3.08	1 / 50	17.44	20.52	0.113	36.99	-16.47	18.37	0.069	34.77	-16.40
	16-QAM	680.5	H	102	112	3.09	1 / 99	16.77	19.86	0.097	36.99	-17.13	17.71	0.059	34.77	-17.07
15 MHz	QPSK	670.5	H	125	109	2.96	1 / 74	17.30	20.25	0.106	36.99	-16.74	18.10	0.065	34.77	-16.67
	QPSK	680.5	H	102	112	3.09	1 / 74	17.59	20.67	0.117	36.99	-16.32	18.52	0.071	34.77	-16.25
	QPSK	690.5	H	104	110	3.11	1 / 74	17.43	20.54	0.113	36.99	-16.45	18.39	0.069	34.77	-16.38
	16-QAM	690.5	H	104	110	3.11	1 / 74	16.85	19.96	0.099	36.99	-17.03	17.81	0.060	34.77	-16.96
10 MHz	QPSK	668.0	H	125	109	2.92	1 / 25	17.21	20.14	0.103	36.99	-16.85	17.99	0.063	34.77	-16.78
	QPSK	680.5	H	102	112	3.09	1 / 49	17.56	20.64	0.116	36.99	-16.35	18.49	0.071	34.77	-16.28
	QPSK	693.0	H	104	110	3.14	1 / 49	17.33	20.48	0.112	36.99	-16.51	18.33	0.068	34.77	-16.44
	16-QAM	693.0	H	104	110	3.14	1 / 49	16.70	19.84	0.096	36.99	-17.15	17.69	0.059	34.77	-17.08
5 MHz	QPSK	665.5	H	125	109	2.94	1 / 0	17.16	20.10	0.102	36.99	-16.89	17.95	0.062	34.77	-16.82
	QPSK	680.5	H	102	112	3.09	1 / 24	17.42	20.51	0.112	36.99	-16.48	18.36	0.068	34.77	-16.41
	QPSK	695.5	H	104	110	3.18	1 / 12	17.54	20.71	0.118	36.99	-16.28	18.56	0.072	34.77	-16.21
	16-QAM	695.5	H	104	110	3.18	1 / 12	16.54	19.72	0.094	36.99	-17.27	17.57	0.057	34.77	-17.20
20 MHz	Opposite Pol.	680.5	V	145	71	3.09	1 / 99	17.02	20.11	0.103	36.99	-16.88	17.96	0.063	34.77	-16.81

Table 7-8. 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]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	QPSK	704.0	H	123	97	3.48	1 / 49	16.19	19.67	0.093	36.99	-17.32	17.52	0.057	34.77	-17.25
	QPSK	707.5	H	127	103	3.52	1 / 49	15.35	18.87	0.077	36.99	-18.12	16.72	0.047	34.77	-18.05
	QPSK	711.0	H	125	102	3.57	1 / 49	16.69	20.26	0.106	36.99	-16.73	18.11	0.065	34.77	-16.66
	16-QAM	711.0	H	125	102	3.57	1 / 49	16.18	19.75	0.094	36.99	-17.24	17.60	0.058	34.77	-17.17
5 MHz	QPSK	701.5	H	123	97	3.45	1 / 12	16.39	19.84	0.096	36.99	-17.15	17.69	0.059	34.77	-17.08
	QPSK	707.5	H	127	103	3.52	1 / 12	15.33	18.86	0.077	36.99	-18.13	16.71	0.047	34.77	-18.07
	QPSK	713.5	H	125	102	3.70	1 / 24	16.64	20.34	0.108	36.99	-16.65	18.19	0.066	34.77	-16.58
3 MHz	16-QAM	713.5	H	125	102	3.70	1 / 24	16.07	19.77	0.095	36.99	-17.22	17.62	0.058	34.77	-17.15
	QPSK	700.5	H	123	97	3.39	1 / 14	16.37	19.75	0.095	36.99	-17.23	17.60	0.058	34.77	-17.17
	QPSK	707.5	H	127	103	3.52	1 / 14	15.34	18.86	0.077	36.99	-18.13	16.71	0.047	34.77	-18.06
	QPSK	714.5	H	125	102	3.71	1 / 0	16.43	20.14	0.103	36.99	-16.85	17.99	0.063	34.77	-16.78
1.4 MHz	16-QAM	714.5	H	125	102	3.71	1 / 0	16.13	19.84	0.096	36.99	-17.15	17.69	0.059	34.77	-17.08
	QPSK	699.7	H	123	97	3.33	1 / 0	16.25	19.58	0.091	36.99	-17.41	17.43	0.055	34.77	-17.34
	QPSK	707.5	H	127	103	3.52	1 / 3	15.34	18.86	0.077	36.99	-18.13	16.71	0.047	34.77	-18.06
	QPSK	715.3	H	125	102	3.72	1 / 3	16.42	20.14	0.103	36.99	-16.85	17.99	0.063	34.77	-16.78
10 MHz	Opposite Pol.	711.0	V	125	102	3.52	1 / 49	12.99	16.51	0.045	36.99	-20.48	14.36	0.027	34.77	-20.41

Table 7-9. ERP Data (LTE Band 12 – Ant1)

Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Ant. Gain [dBi]	RB Size/Offset	Substitute Level [dBm]	EIRP [dBm]	EIRP [Watts]	EIRP Limit [dBm]	Margin [dB]	ERP [dBm]	ERP [Watts]	ERP Limit [dBm]	Margin [dB]
10 MHz	QPSK	782.0	V	168	305	5.99	1 / 49	17.58	23.57	0.228	36.99	-13.42	21.42	0.139	34.77	-13.35
	16-QAM	782.0	V	168	305	5.99	1 / 49	16.76	22.75	0.189	36.99	-14.24	20.60	0.115	34.77	-14.17
5 MHz	QPSK	779.5	V	168	305	5.97	1 / 12	17.86	23.83	0.242	36.99	-13.16	21.68	0.147	34.77	-13.09
	QPSK	782.0	V	168	305	5.99	1 / 0	17.54	23.54	0.226	36.99	-13.45	21.39	0.138	34.77	-13.38
	QPSK	784.5	V	168	305	6.07	1 / 24	17.66	23.73	0.236	36.99	-13.26	21.58	0.144	34.77	-13.19
	16-QAM	779.5	V	168	305	5.97	1 / 12	16.88	22.85	0.193	36.99	-14.14	20.70	0.117	34.77	-14.07
10 MHz	Opposite Pol.	782.0	H	103	340	5.99	1 / 49	15.07	21.06	0.128	36.99	-15.93	18.91	0.078	34.77	-15.86

Table 7-10. ERP Data (LTE Band 13 – Ant1)

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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	π/2 BPSK	673.0	H	100	93	2.99	1 / 79	16.43	19.42	0.087	36.99	-17.57	17.27	0.053	34.77	-17.50
	π/2 BPSK	680.5	H	102	93	3.09	1 / 79	16.56	19.65	0.092	36.99	-17.34	17.50	0.056	34.77	-17.28
	π/2 BPSK	688.0	H	102	100	3.08	1 / 26	17.10	20.18	0.104	36.99	-16.81	18.03	0.064	34.77	-16.74
	QPSK	673.0	H	100	93	2.99	1 / 79	16.62	19.61	0.091	36.99	-17.38	17.46	0.056	34.77	-17.31
	QPSK	680.5	H	102	93	3.09	1 / 79	16.75	19.84	0.096	36.99	-17.15	17.69	0.059	34.77	-17.09
	QPSK	688.0	H	102	100	3.08	1 / 26	17.39	20.47	0.111	36.99	-16.52	18.32	0.068	34.77	-16.45
15 MHz	16-QAM	688.0	H	102	100	3.08	1 / 26	16.42	19.50	0.089	36.99	-17.49	17.35	0.054	34.77	-17.42
	π/2 BPSK	670.5	H	100	93	2.96	1 / 20	16.33	19.28	0.085	36.99	-17.71	17.13	0.052	34.77	-17.64
	π/2 BPSK	680.5	H	102	93	3.09	1 / 39	16.46	19.55	0.090	36.99	-17.44	17.40	0.055	34.77	-17.37
	π/2 BPSK	690.5	H	102	100	3.11	1 / 20	17.12	20.23	0.106	36.99	-16.76	18.08	0.064	34.77	-16.69
	QPSK	670.5	H	100	93	2.96	1 / 20	16.64	19.60	0.091	36.99	-17.39	17.45	0.056	34.77	-17.32
	QPSK	680.5	H	102	93	3.09	1 / 39	16.80	19.89	0.097	36.99	-17.10	17.74	0.059	34.77	-17.03
10 MHz	QPSK	690.5	H	102	100	3.11	1 / 20	17.20	20.31	0.107	36.99	-16.68	18.16	0.065	34.77	-16.61
	16-QAM	690.5	H	102	100	3.11	1 / 20	16.32	19.43	0.088	36.99	-17.56	17.28	0.053	34.77	-17.49
	π/2 BPSK	668.0	H	100	93	2.92	1 / 26	16.35	19.28	0.085	36.99	-17.71	17.13	0.052	34.77	-17.64
	π/2 BPSK	680.5	H	102	93	3.09	1 / 38	16.47	19.55	0.090	36.99	-17.44	17.40	0.055	34.77	-17.37
	π/2 BPSK	693.0	H	102	100	3.14	1 / 26	17.19	20.33	0.108	36.99	-16.66	18.18	0.066	34.77	-16.59
	QPSK	668.0	H	100	93	2.92	1 / 26	16.81	19.74	0.094	36.99	-17.25	17.59	0.057	34.77	-17.18
5 MHz	QPSK	680.5	H	102	93	3.09	1 / 38	17.13	20.21	0.105	36.99	-16.78	18.06	0.064	34.77	-16.71
	QPSK	693.0	H	102	100	3.14	1 / 26	17.50	20.64	0.116	36.99	-16.35	18.49	0.071	34.77	-16.28
	16-QAM	693.0	H	102	100	3.14	1 / 26	16.26	19.41	0.087	36.99	-17.58	17.26	0.053	34.77	-17.51
	π/2 BPSK	665.5	H	100	93	2.94	1 / 6	16.56	19.50	0.089	36.99	-17.49	17.35	0.054	34.77	-17.42
	π/2 BPSK	680.5	H	102	93	3.09	1 / 6	16.39	19.48	0.089	36.99	-17.51	17.33	0.054	34.77	-17.44
	π/2 BPSK	695.5	H	102	100	3.18	1 / 6	17.30	20.47	0.111	36.99	-16.52	18.32	0.068	34.77	-16.45
20 MHz	QPSK	665.5	H	100	93	2.94	1 / 6	16.94	19.89	0.097	36.99	-17.10	17.74	0.059	34.77	-17.03
	QPSK	680.5	H	102	93	3.09	1 / 6	17.02	20.11	0.102	36.99	-16.88	17.96	0.062	34.77	-16.82
	QPSK	695.5	H	102	100	3.18	1 / 6	17.59	20.76	0.119	36.99	-16.23	18.61	0.073	34.77	-16.16
	16-QAM	695.5	H	102	100	3.18	1 / 6	16.39	19.57	0.091	36.99	-17.42	17.42	0.055	34.77	-17.35
	QPSK (CP-OFDM)	688.0	H	109	105	3.08	1 / 26	14.58	17.66	0.058	36.99	-19.33	15.51	0.036	34.77	-19.26
	QPSK (Opposite Pol.)	688.0	V	130	138	3.28	1 / 53	14.17	17.45	0.056	36.99	-19.54	15.30	0.034	34.77	-19.47

Table 7-11. EIRP Data (NR Band n71 – 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]
20 MHz	QPSK	1720.0	H	107	219	9.47	1 / 0	16.50	25.97	0.395	30.00	-4.03
	QPSK	1745.0	H	103	223	9.48	1 / 50	15.25	24.73	0.297	30.00	-5.27
	QPSK	1770.0	H	146	218	9.39	1 / 0	13.69	23.08	0.203	30.00	-6.92
	16-QAM	1720.0	H	107	219	9.47	1 / 0	15.73	25.20	0.331	30.00	-4.80
15 MHz	QPSK	1717.5	H	107	219	9.49	1 / 37	16.45	25.95	0.393	30.00	-4.05
	QPSK	1745.0	H	103	223	9.48	1 / 0	15.28	24.76	0.299	30.00	-5.24
	QPSK	1772.5	H	146	218	9.36	1 / 0	13.70	23.07	0.203	30.00	-6.93
	16-QAM	1717.5	H	107	219	9.49	1 / 37	15.56	25.06	0.320	30.00	-4.94
10 MHz	QPSK	1715.0	H	107	219	9.52	1 / 0	16.53	26.05	0.403	30.00	-3.95
	QPSK	1745.0	H	103	223	9.48	1 / 25	15.10	24.58	0.287	30.00	-5.42
	QPSK	1775.0	H	146	218	9.34	1 / 0	13.69	23.03	0.201	30.00	-6.97
	16-QAM	1715.0	H	107	219	9.52	1 / 0	15.46	24.98	0.315	30.00	-5.02
5 MHz	QPSK	1712.5	H	107	219	9.54	1 / 24	16.33	25.88	0.387	30.00	-4.12
	QPSK	1745.0	H	103	223	9.48	1 / 24	15.34	24.82	0.303	30.00	-5.18
	QPSK	1777.5	H	146	218	9.31	1 / 24	13.78	23.09	0.204	30.00	-6.91
	16-QAM	1712.5	H	107	219	9.54	1 / 24	15.56	25.10	0.324	30.00	-4.90
3 MHz	QPSK	1711.5	H	107	219	9.55	1 / 0	16.37	25.92	0.391	30.00	-4.08
	QPSK	1745.0	H	103	223	9.48	1 / 0	15.12	24.60	0.288	30.00	-5.40
	QPSK	1778.5	H	146	218	9.30	1 / 14	13.83	23.13	0.206	30.00	-6.87
	16-QAM	1711.5	H	107	219	9.55	1 / 0	15.43	24.98	0.315	30.00	-5.02
1.4 MHz	QPSK	1710.7	H	107	219	9.56	1 / 3	16.37	25.93	0.392	30.00	-4.07
	QPSK	1745.0	H	103	223	9.48	1 / 5	15.24	24.72	0.296	30.00	-5.28
	QPSK	1779.3	H	146	218	9.29	1 / 0	13.60	22.89	0.195	30.00	-7.11
	16-QAM	1710.7	H	107	219	9.56	1 / 3	15.38	24.94	0.312	30.00	-5.06
20 MHz	Opposite Pol.	1720.0	V	222	296	9.33	1 / 0	13.12	22.45	0.176	30.00	-7.55

Table 7-12. EIRP Data (LTE Band 66/4 – Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	1730.0	H	105	225	9.48	1 / 54	16.30	25.78	0.379	30.00	-4.22
	$\pi/2$ BPSK	1745.0	H	172	221	9.48	1 / 54	15.36	24.84	0.305	30.00	-5.16
	$\pi/2$ BPSK	1760.0	H	116	232	9.44	1 / 161	13.96	23.40	0.219	30.00	-6.60
	QPSK	1730.0	H	105	225	9.48	1 / 54	16.55	26.03	0.401	30.00	-3.97
	QPSK	1745.0	H	172	221	9.48	1 / 54	14.52	24.00	0.251	30.00	-6.00
	QPSK	1760.0	H	116	232	9.44	1 / 161	13.78	23.22	0.210	30.00	-6.78
30 MHz	16-QAM	1730.0	H	105	225	9.48	1 / 54	15.73	25.21	0.332	30.00	-4.79
	$\pi/2$ BPSK	1725.0	H	105	225	9.48	1 / 119	15.97	25.44	0.350	30.00	-4.56
	$\pi/2$ BPSK	1745.0	H	172	221	9.48	1 / 40	15.16	24.64	0.291	30.00	-5.36
	$\pi/2$ BPSK	1765.0	H	116	232	9.42	1 / 80	13.76	23.18	0.208	30.00	-6.82
	QPSK	1725.0	H	105	225	9.48	1 / 119	16.21	25.68	0.370	30.00	-4.32
	QPSK	1745.0	H	172	221	9.48	1 / 40	14.11	23.59	0.229	30.00	-6.41
20 MHz	QPSK	1765.0	H	116	232	9.42	1 / 80	13.48	22.90	0.195	30.00	-7.10
	16-QAM	1725.0	H	105	225	9.48	1 / 119	15.40	24.88	0.307	30.00	-5.12
	$\pi/2$ BPSK	1720.0	H	105	225	9.47	1 / 79	15.80	25.27	0.337	30.00	-4.73
	$\pi/2$ BPSK	1745.0	H	172	221	9.48	1 / 79	14.87	24.35	0.272	30.00	-5.65
	$\pi/2$ BPSK	1770.0	H	116	232	9.39	1 / 26	13.42	22.80	0.191	30.00	-7.20
	QPSK	1720.0	H	105	225	9.47	1 / 79	15.96	25.43	0.349	30.00	-4.57
15 MHz	QPSK	1745.0	H	172	221	9.48	1 / 79	13.91	23.39	0.218	30.00	-6.61
	QPSK	1770.0	H	116	232	9.39	1 / 26	13.17	22.56	0.180	30.00	-7.44
	16-QAM	1720.0	H	105	225	9.47	1 / 79	15.24	24.71	0.296	30.00	-5.29
	$\pi/2$ BPSK	1717.5	H	105	225	9.49	1 / 20	15.84	25.33	0.341	30.00	-4.67
	$\pi/2$ BPSK	1745.0	H	172	221	9.48	1 / 58	14.92	24.40	0.276	30.00	-5.60
	$\pi/2$ BPSK	1772.5	H	116	232	9.36	1 / 58	13.58	22.95	0.197	30.00	-7.05
10 MHz	QPSK	1717.5	H	105	225	9.49	1 / 20	16.03	25.52	0.356	30.00	-4.48
	QPSK	1745.0	H	172	221	9.48	1 / 58	13.87	23.35	0.216	30.00	-6.65
	QPSK	1772.5	H	116	232	9.36	1 / 58	13.23	22.60	0.182	30.00	-7.40
	16-QAM	1717.5	H	105	225	9.49	1 / 20	14.94	24.43	0.278	30.00	-5.57
	$\pi/2$ BPSK	1715.0	H	105	225	9.52	52 / 0	14.37	23.89	0.245	30.00	-6.11
	$\pi/2$ BPSK	1745.0	H	172	221	9.48	1 / 38	14.88	24.36	0.273	30.00	-5.64
5 MHz	$\pi/2$ BPSK	1775.0	H	116	232	9.34	1 / 13	13.54	22.87	0.194	30.00	-7.13
	QPSK	1715.0	H	105	225	9.52	1 / 26	13.20	22.72	0.187	30.00	-7.28
	QPSK	1745.0	H	172	221	9.48	1 / 38	13.85	23.33	0.215	30.00	-6.67
	QPSK	1775.0	H	116	232	9.34	1 / 13	12.68	22.01	0.159	30.00	-7.99
	16-QAM	1745.0	H	172	221	9.48	1 / 38	13.30	22.78	0.190	30.00	-7.22
	$\pi/2$ BPSK	1712.5	H	105	225	9.54	1 / 12	15.71	25.25	0.335	30.00	-4.75
40 MHz	$\pi/2$ BPSK	1745.0	H	172	221	9.48	1 / 18	14.84	24.32	0.271	30.00	-5.68
	$\pi/2$ BPSK	1777.5	H	116	232	9.31	1 / 12	13.53	22.85	0.193	30.00	-7.15
	QPSK	1712.5	H	105	225	9.54	1 / 12	16.06	25.60	0.363	30.00	-4.40
	QPSK	1745.0	H	172	221	9.48	1 / 18	13.82	23.30	0.214	30.00	-6.70
	QPSK	1777.5	H	116	232	9.31	1 / 12	13.36	22.68	0.185	30.00	-7.32
	16-QAM	1712.5	H	105	225	9.54	1 / 12	15.27	24.81	0.303	30.00	-5.19
40 MHz	QPSK (CP-OFDM)	1730.0	H	164	224	9.48	1 / 54	14.95	24.43	0.278	30.00	-5.57
	QPSK (Opposite Pol.)	1730.0	V	185	271	9.20	1 / 54	14.32	23.52	0.225	30.00	-6.48

Table 7-13. EIRP Data (NR Band n66 – Ant1)

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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	1730.0	H	174	19	9.48	1 / 54	14.59	24.07	0.256	30.00	-5.93
	$\pi/2$ BPSK	1745.0	H	168	19	9.48	1 / 108	14.23	23.71	0.235	30.00	-6.29
	$\pi/2$ BPSK	1760.0	H	116	14	9.44	1 / 54	14.20	23.64	0.231	30.00	-6.36
	QPSK	1730.0	H	174	19	9.48	1 / 54	14.81	24.29	0.269	30.00	-5.71
	QPSK	1745.0	H	168	19	9.48	1 / 108	13.90	23.38	0.218	30.00	-6.62
	QPSK	1760.0	H	116	14	9.44	1 / 54	14.31	23.75	0.237	30.00	-6.25
	16-QAM	1730.0	H	174	19	9.48	1 / 54	13.74	23.22	0.210	30.00	-6.78
30 MHz	$\pi/2$ BPSK	1725.0	H	174	19	9.48	1 / 119	14.70	24.17	0.261	30.00	-5.83
	$\pi/2$ BPSK	1745.0	H	168	19	9.48	1 / 40	14.20	23.68	0.233	30.00	-6.32
	$\pi/2$ BPSK	1765.0	H	116	14	9.42	1 / 40	14.19	23.60	0.229	30.00	-6.40
	QPSK	1725.0	H	174	19	9.48	1 / 119	14.86	24.34	0.271	30.00	-5.66
	QPSK	1745.0	H	168	19	9.48	1 / 40	13.96	23.44	0.221	30.00	-6.56
	QPSK	1765.0	H	116	14	9.42	1 / 40	14.13	23.54	0.226	30.00	-6.46
	16-QAM	1725.0	H	174	19	9.48	1 / 119	13.83	23.30	0.214	30.00	-6.70
20 MHz	$\pi/2$ BPSK	1720.0	H	174	19	9.47	1 / 79	14.40	23.87	0.244	30.00	-6.13
	$\pi/2$ BPSK	1745.0	H	168	19	9.48	1 / 26	14.00	23.48	0.223	30.00	-6.52
	$\pi/2$ BPSK	1770.0	H	116	14	9.39	1 / 26	13.81	23.19	0.209	30.00	-6.81
	QPSK	1720.0	H	174	19	9.47	1 / 79	14.69	24.16	0.261	30.00	-5.84
	QPSK	1745.0	H	168	19	9.48	1 / 26	13.62	23.10	0.204	30.00	-6.90
	QPSK	1770.0	H	116	14	9.39	1 / 26	14.06	23.45	0.221	30.00	-6.55
	16-QAM	1720.0	H	174	19	9.47	1 / 79	13.03	22.50	0.178	30.00	-7.50
15 MHz	$\pi/2$ BPSK	1717.5	H	174	19	9.49	1 / 58	14.32	23.81	0.241	30.00	-6.19
	$\pi/2$ BPSK	1745.0	H	168	19	9.48	1 / 20	14.01	23.49	0.223	30.00	-6.51
	$\pi/2$ BPSK	1772.5	H	116	14	9.36	1 / 58	13.85	23.22	0.210	30.00	-6.78
	QPSK	1717.5	H	174	19	9.49	1 / 58	14.52	24.02	0.252	30.00	-5.98
	QPSK	1745.0	H	168	19	9.48	1 / 20	13.67	23.15	0.206	30.00	-6.85
	QPSK	1772.5	H	116	14	9.36	1 / 58	13.95	23.32	0.215	30.00	-6.68
	16-QAM	1717.5	H	174	19	9.49	1 / 58	13.08	22.58	0.181	30.00	-7.42
10 MHz	$\pi/2$ BPSK	1715.0	H	174	19	9.52	1 / 38	14.31	23.82	0.241	30.00	-6.18
	$\pi/2$ BPSK	1745.0	H	168	19	9.48	1 / 26	14.05	23.53	0.225	30.00	-6.47
	$\pi/2$ BPSK	1775.0	H	116	14	9.34	1 / 38	13.97	23.31	0.214	30.00	-6.69
	QPSK	1715.0	H	174	19	9.52	1 / 38	14.18	23.70	0.234	30.00	-6.30
	QPSK	1745.0	H	168	19	9.48	1 / 26	13.51	22.99	0.199	30.00	-7.01
	QPSK	1775.0	H	116	14	9.34	1 / 38	13.79	23.13	0.206	30.00	-6.87
	16-QAM	1715.0	H	174	19	9.52	1 / 38	12.55	22.06	0.161	30.00	-7.94
5 MHz	$\pi/2$ BPSK	1712.5	H	174	19	9.54	1 / 12	14.29	23.83	0.242	30.00	-6.17
	$\pi/2$ BPSK	1745.0	H	168	19	9.48	1 / 18	13.93	23.41	0.219	30.00	-6.59
	$\pi/2$ BPSK	1777.5	H	116	14	9.31	1 / 18	14.03	23.34	0.216	30.00	-6.66
	QPSK	1712.5	H	174	19	9.54	1 / 12	14.29	23.83	0.241	30.00	-6.17
	QPSK	1745.0	H	168	19	9.48	1 / 18	13.54	23.02	0.201	30.00	-6.98
	QPSK	1777.5	H	116	14	9.31	1 / 18	14.03	23.34	0.216	30.00	-6.66
	16-QAM	1712.5	H	174	19	9.54	1 / 12	13.04	22.59	0.181	30.00	-7.41
40 MHz	QPSK (CP-OFDM)	1730.0	H	175	17	9.48	1 / 108	13.16	22.64	0.184	30.00	-7.36
	QPSK (Opposite Pol.)	1730.0	V	327	80	9.48	1 / 108	14.34	23.82	0.241	30.00	-6.18

Table 7-14. EIRP Data (NR Band n66 – Ant4)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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 x RBW
3. Span = 1.5 times the OBW
4. No. of sweep points \geq 2 x span / RBW
5. Detector = RMS
6. Trace mode = Average (Max Hold for pulsed emissions)
7. The trace was allowed to stabilize

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Test Setup

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

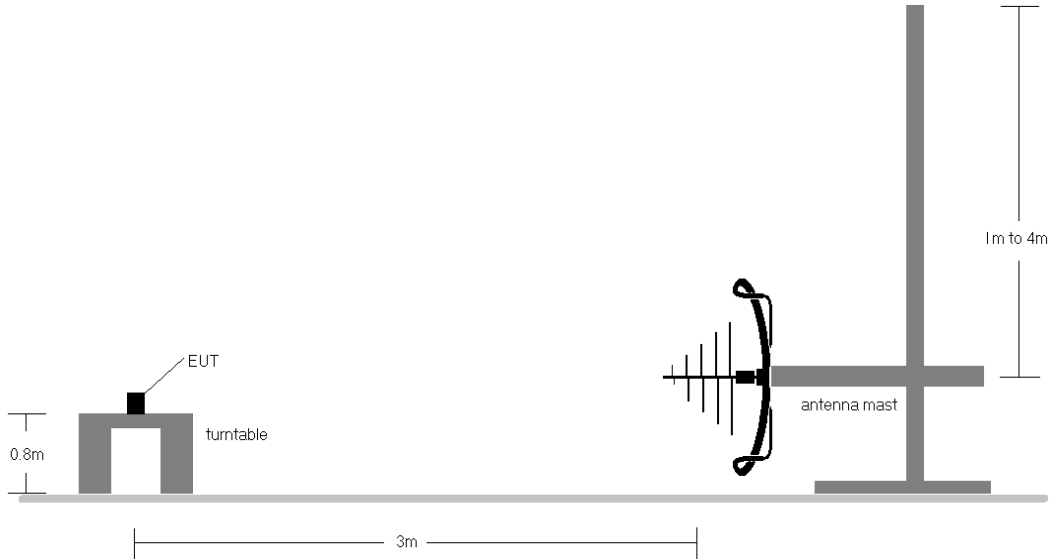


Figure 7-8. Test Instrument & Measurement Setup < 1GHz

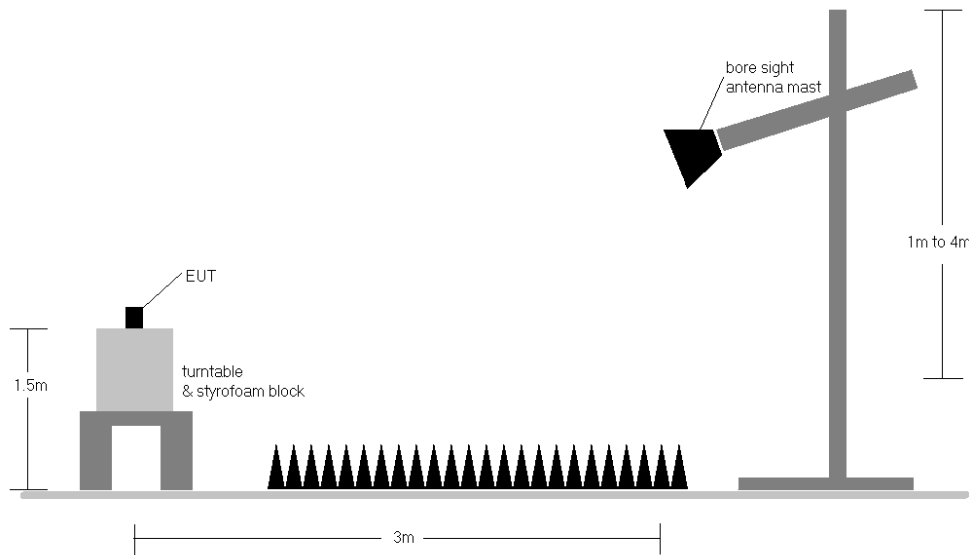


Figure 7-9. Test Instrument & Measurement Setup > 1GHz

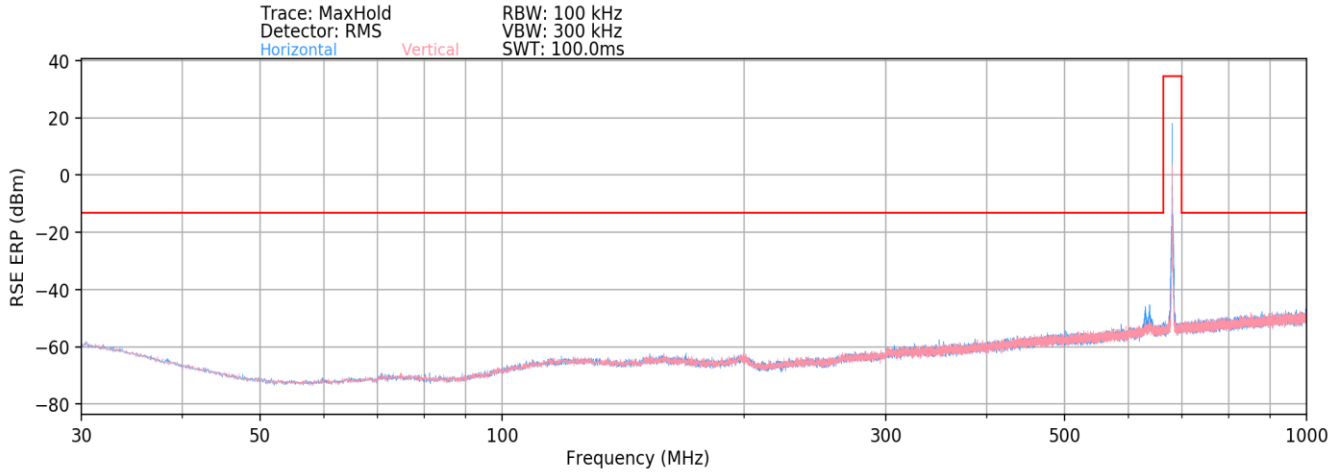
FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204040049-06-R1.C3K	Test Dates: 3/15/2022 - 08/10/2022	EUT Type: Portable Computing Device	Page 190 of 222

Test Notes

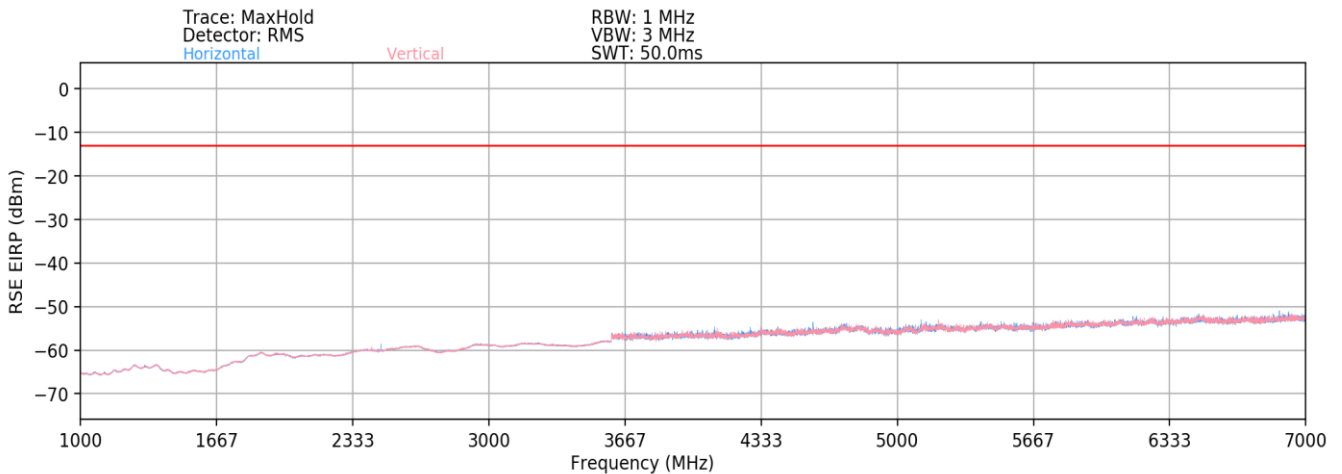
- 1) Field strengths are calculated using the Measurement quantity conversions in ANSI C63.26-2015 Section 5.2.7:
 - a) $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
 - b) $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log D - 104.8$; 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) ULCA spurious emissions measurements were evaluated for the two contiguous channels using various combinations of RB size, RB offset, modulation, and channel bandwidth. Channel bandwidth data is shown in the tables below based only on the channel bandwidths that were supported in this device.
- 8) 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.
- 9) 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.

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LTE Band 71 – Ant1



Plot 7-315. Radiated Spurious Plot (LTE Band 71 – Ant1)



Plot 7-316. Radiated Spurious Plot (LTE Band 71 – Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	673
RB / Offset:	1 / 50
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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	162	337	-77.46	-2.80	26.74	-68.51	-13.00	-55.51
2019.00	H	-	-	-77.31	-0.39	29.30	-65.95	-13.00	-52.95
2692.00	H	-	-	-78.05	1.26	30.21	-65.05	-13.00	-52.05
3365.00	H	-	-	-78.02	1.87	30.85	-64.41	-13.00	-51.41

Table 7-15. Radiated Spurious Data (LTE Band 71 – Low Channel – Ant1)

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Bandwidth (MHz):	20
Frequency (MHz):	680.5
RB / Offset:	1 / 50
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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	157	96	-77.18	-2.59	27.23	-68.03	-13.00	-55.03
2041.50	H	-	-	-77.49	-0.57	28.94	-66.32	-13.00	-53.32
2722.00	H	-	-	-77.59	0.72	30.13	-65.13	-13.00	-52.13
3402.50	H	-	-	-77.77	1.70	30.93	-64.33	-13.00	-51.33

Table 7-16. Radiated Spurious Data (LTE Band 71 – Mid Channel – Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	688
RB / Offset:	1 / 50
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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	309	235	-76.47	-2.79	27.74	-67.51	-13.00	-54.51
2064.00	H	-	-	-77.31	-0.52	29.17	-66.09	-13.00	-53.09
2752.00	H	-	-	-78.03	0.49	29.46	-65.79	-13.00	-52.79
3440.00	H	-	-	-78.27	1.67	30.40	-64.85	-13.00	-51.85

Table 7-17. Radiated Spurious Data (LTE Band 71 – High Channel – Ant1)

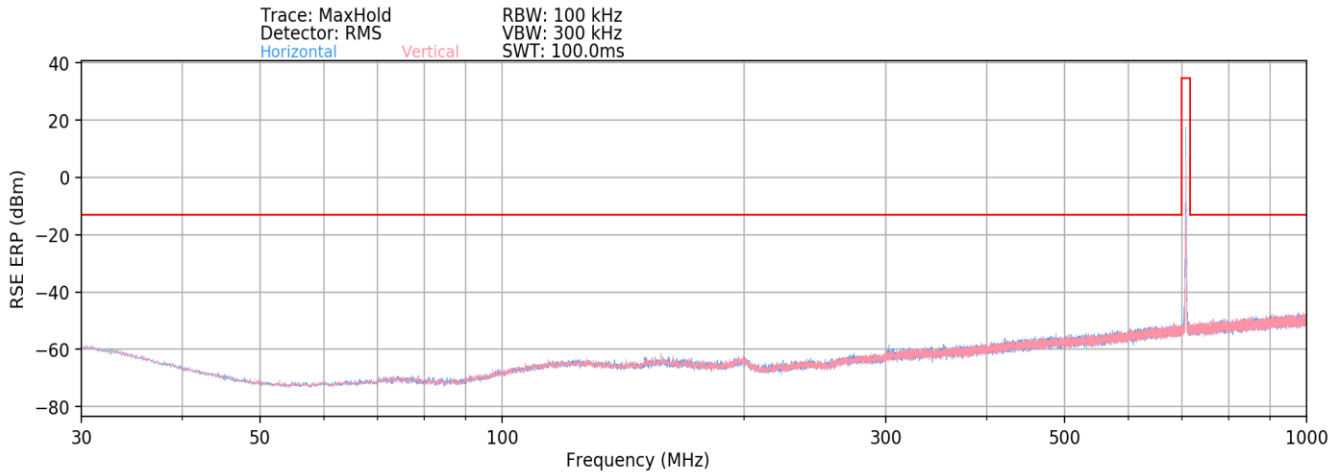
Bandwidth (MHz):	20
Frequency (MHz):	680.5
RB / Offset:	1/50
Detector / Trace Mode:	RMS / Average
RBW / VBW:	100kHz / 300kHz

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]
637.20	H	212	66	-84.77	27.97	50.20	-47.21	-13.00	-34.21
629.60	H	223	69	-83.79	27.80	51.01	-46.40	-13.00	-33.40

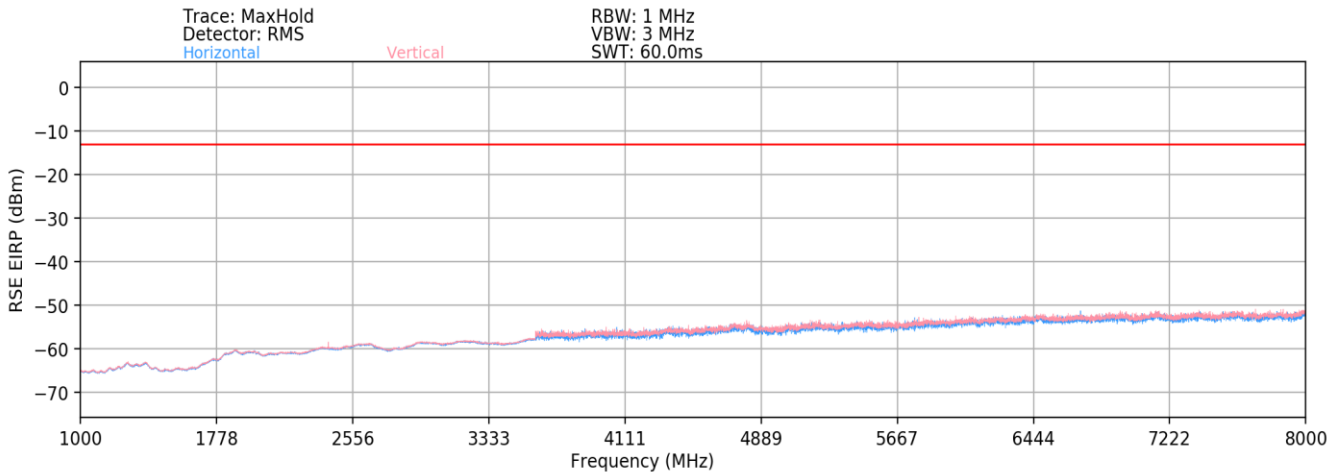
Table 7-18. Radiated Spurious Data (LTE Band 71 –Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 12 – Ant1



Plot 7-317. Radiated Spurious Plot (LTE Band 12 – Ant1)



Plot 7-318. Radiated Spurious Plot (LTE Band 12 – Ant1)

Bandwidth (MHz):	10
Frequency (MHz):	704
RB / Offset:	1 / 25
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1408.00	H	-	-	-76.98	-3.69	26.33	-68.93	-13.00	-55.93
2112.00	H	-	-	-77.55	-0.26	29.19	-66.07	-13.00	-53.07
2816.00	H	-	-	-77.22	0.80	30.58	-64.68	-13.00	-51.68

Table 7-19. Radiated Spurious Data (LTE Band 12 – Low Channel – Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	10
Frequency (MHz):	707.5
RB / Offset:	1 / 25
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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	161	263	-76.22	-3.79	26.99	-68.27	-13.00	-55.27
2122.50	H	-	-	-77.40	-0.25	29.35	-65.90	-13.00	-52.90
2830.00	H	-	-	-77.61	0.83	30.22	-65.04	-13.00	-52.04
3537.50	H	-	-	-77.56	2.43	31.87	-63.38	-13.00	-50.38

Table 7-20. Radiated Spurious Data (LTE Band 12 – Mid Channel – Ant1)

Bandwidth (MHz):	10
Frequency (MHz):	711
RB / Offset:	1 / 25
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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	-	-	-76.64	-3.83	26.53	-68.73	-13.00	-55.73
2133.00	H	-	-	-77.11	-0.22	29.67	-65.59	-13.00	-52.59
2844.00	H	-	-	-77.38	0.93	30.55	-64.71	-13.00	-51.71

Table 7-21. Radiated Spurious Data (LTE Band 12 – High Channel – Ant1)

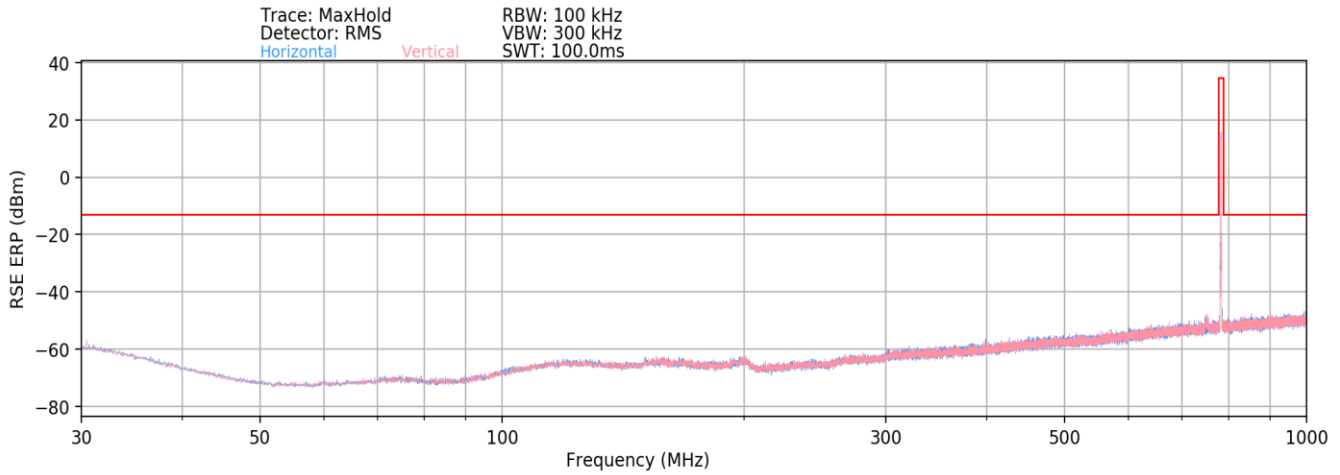
Bandwidth (MHz):	10
Frequency (MHz):	707.5
RB / Offset:	1/25
Detector / Trace Mode:	RMS / Average
RBW / VBW:	100kHz / 300kHz

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]
199.80	H	-	-	-97.30	20.25	29.95	-67.46	-13.00	-54.46
312.43	H	-	-	-97.38	21.33	30.95	-66.45	-13.00	-53.45

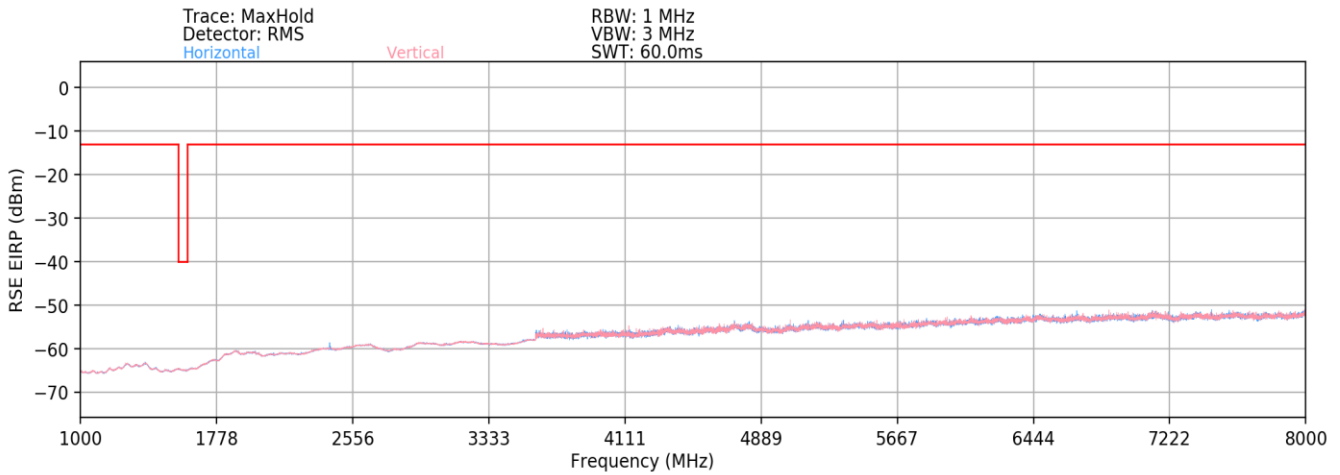
Table 7-22. Radiated Spurious Data (LTE Band 12 –Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 13 – Ant1



Plot 7-319. Radiated Spurious Plot (LTE Band 13 – Ant1)



Plot 7-320. Radiated Spurious Plot (LTE Band 13 – Ant1)

Bandwidth (MHz):	10
Frequency (MHz):	782
RB / Offset:	1 / 25
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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	305	61	-76.34	-3.87	26.79	-68.47	-40.00	-28.47
2346.00	V	-	-	-78.12	0.64	29.52	-65.74	-13.00	-52.74
3128.00	V	-	-	-78.13	1.93	30.80	-64.46	-13.00	-51.46
3910.00	V	-	-	-78.66	3.09	31.43	-63.83	-13.00	-50.83

Table 7-23. Radiated Spurious Data (LTE Band 13 – Mid Channel – Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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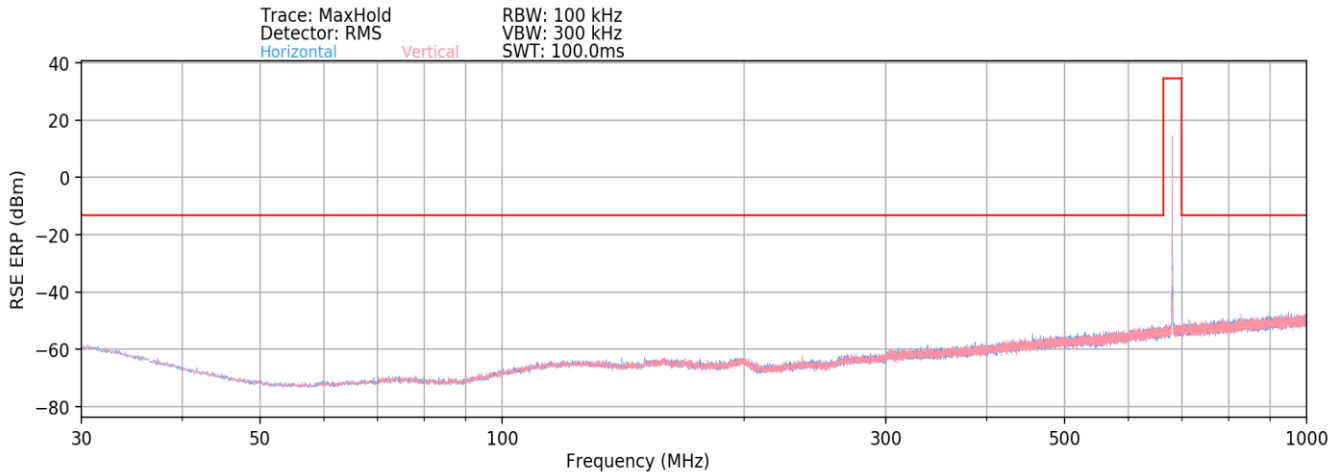
Bandwidth (MHz):	10
Frequency (MHz):	782
RB / Offset:	1/25
Detector / Trace Mode:	RMS / Average
RBW / VBW:	100kHz / 300kHz

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]
750.10	V	-	-	-97.64	29.62	38.98	-58.42	-13.00	-45.42
762.00	V	-	-	-96.52	29.40	39.88	-57.52	-13.00	-44.52

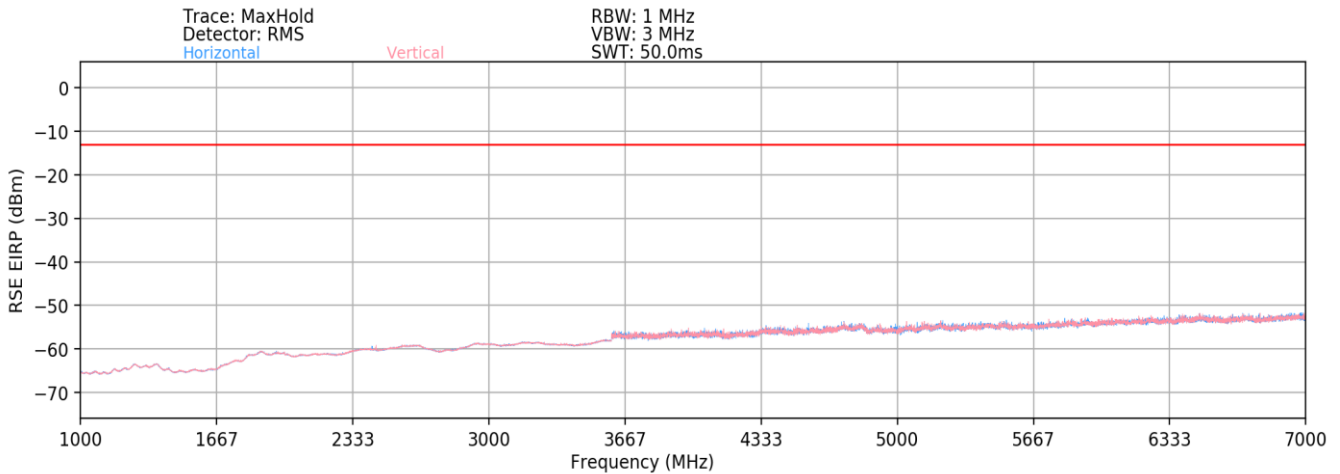
Table 7-24. Radiated Spurious Data (LTE Band 13 –Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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NR Band n71 – Ant1



Plot 7-321. Radiated Spurious Plot (NR Band n71 – Ant1)



Plot 7-322. Radiated Spurious Plot (NR Band n71 – Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	673
RB / Offset:	1 / 53
Mode:	Stand Alone

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	168	151	-76.79	-2.80	27.41	-67.84	-13.00	-54.84
2019.00	H	-	-	-77.15	-0.39	29.46	-65.79	-13.00	-52.79
2692.00	H	-	-	-78.17	1.26	30.09	-65.17	-13.00	-52.17
3365.00	H	-	-	-77.77	1.87	31.10	-64.16	-13.00	-51.16

Table 7-25. Radiated Spurious Data (NR Band n71 – Low Channel – Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	20
Frequency (MHz):	680.5
RB / Offset:	1 / 53
Mode:	Stand Alone

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	212	149	-76.44	-2.59	27.97	-67.29	-13.00	-54.29
2041.50	H	-	-	-77.30	-0.57	29.13	-66.13	-13.00	-53.13
2722.00	H	-	-	-77.75	0.72	29.97	-65.29	-13.00	-52.29
3402.50	H	-	-	-77.89	1.70	30.81	-64.45	-13.00	-51.45

Table 7-26. Radiated Spurious Data (NR Band n71 – Mid Channel – Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	688
RB / Offset:	1 / 53
Mode:	Stand Alone

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	168	147	-76.27	-2.79	27.94	-67.31	-13.00	-54.31
2064.00	H	-	-	-77.56	-0.52	28.92	-66.34	-13.00	-53.34
2752.00	H	-	-	-77.76	0.49	29.73	-65.52	-13.00	-52.52
3440.00	H	-	-	-77.75	1.67	30.92	-64.33	-13.00	-51.33

Table 7-27. Radiated Spurious Data (NR Band n71 – High Channel – Ant1)

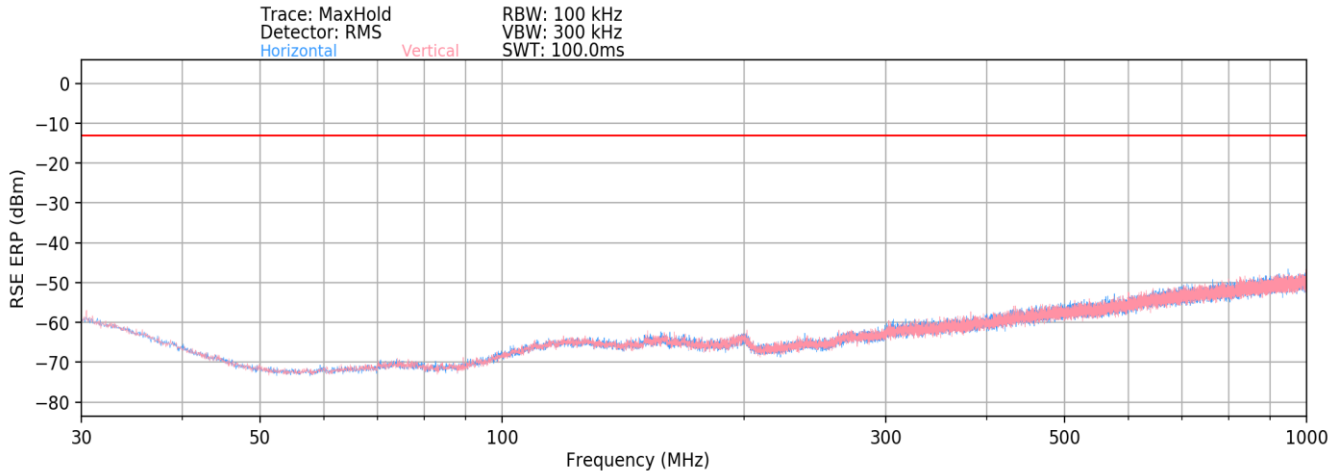
Bandwidth (MHz):	20MHz
Frequency (MHz):	680.5
RB / Offset:	1/54
Mode:	Stand Alone

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]
487.82	H	-	-	-90.03	25.86	42.83	-54.58	-13.00	-41.58
160.38	H	-	-	-91.40	19.86	35.46	-61.95	-13.00	-48.95

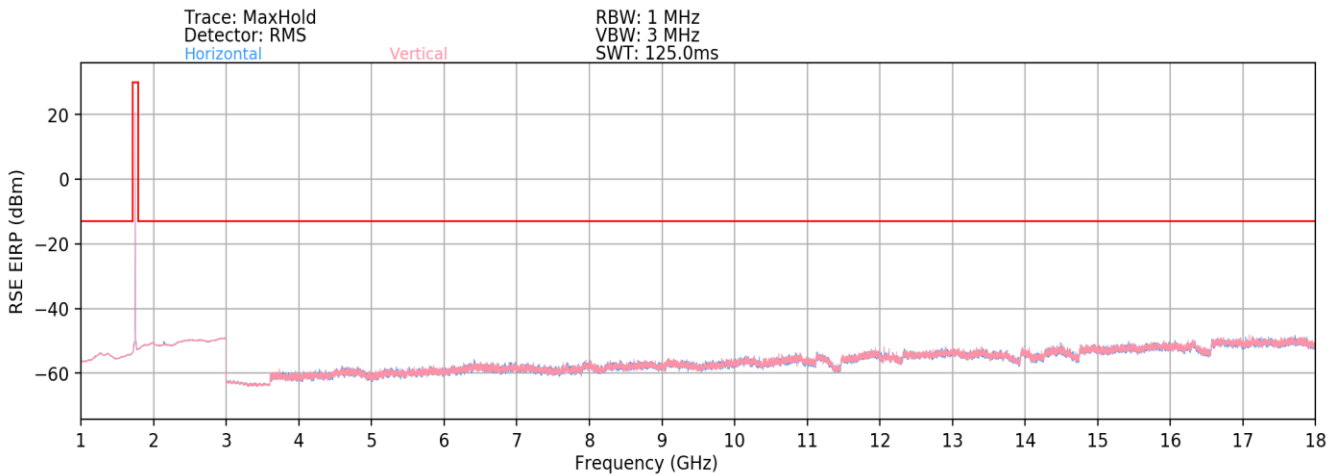
Table 7-28. Radiated Spurious Data (NR Band n71 – Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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LTE Band 66/4 – Ant1



Plot 7-323. Radiated Spurious Plot (LTE Band 66/4 – Ant1)



Plot 7-324. Radiated Spurious Plot (LTE Band 66/4 – Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	1720
RB / Offset:	1 / 50
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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	-	-	-77.62	2.88	32.26	-63.00	-13.00	-50.00
5160.00	H	-	-	-79.18	5.00	32.82	-62.44	-13.00	-49.44
6880.00	H	-	-	-79.97	7.96	34.99	-60.27	-13.00	-47.27

Table 7-29. Radiated Spurious Data (LTE Band 66/4 – Low Channel – Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	20
Frequency (MHz):	1745
RB / Offset:	1 / 50
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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	-	-	-77.62	2.69	32.07	-63.19	-13.00	-50.19
5235.00	H	-	-	-79.01	5.03	33.02	-62.24	-13.00	-49.24
6980.00	H	-	-	-78.95	7.16	35.21	-60.05	-13.00	-47.05

Table 7-30. Radiated Spurious Data (LTE Band 66/4 – Mid Channel – Ant1)

Bandwidth (MHz):	20
Frequency (MHz):	1770
RB / Offset:	1 / 50
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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	-	-	-77.19	2.41	32.22	-63.03	-13.00	-50.03
5310.00	H	-	-	-78.85	4.94	33.09	-62.17	-13.00	-49.17
7080.00	H	-	-	-79.14	7.46	35.32	-59.94	-13.00	-46.94

Table 7-31. Radiated Spurious Data (LTE Band 66/4 – High Channel – Ant1)

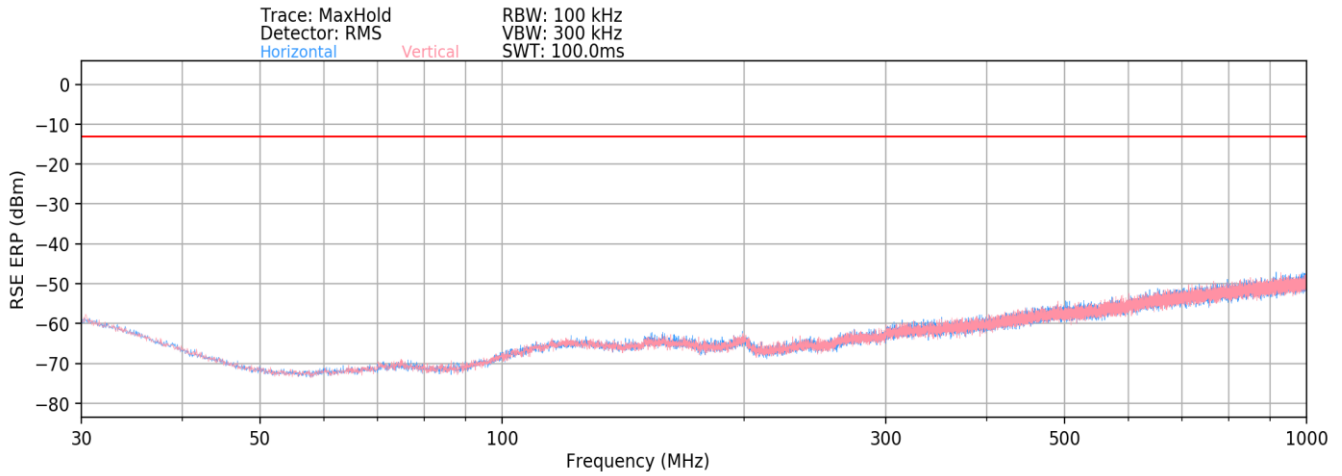
Bandwidth (MHz):	20
Frequency (MHz):	1745
RB / Offset:	1/50
Detector / Trace Mode:	RMS / Average
RBW / VBW:	100kHz / 300kHz

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]
178.04	H	-	-	-91.36	18.89	34.53	-62.88	-13.00	-49.88
439.42	H	-	-	-90.14	24.49	41.35	-56.06	-13.00	-43.06

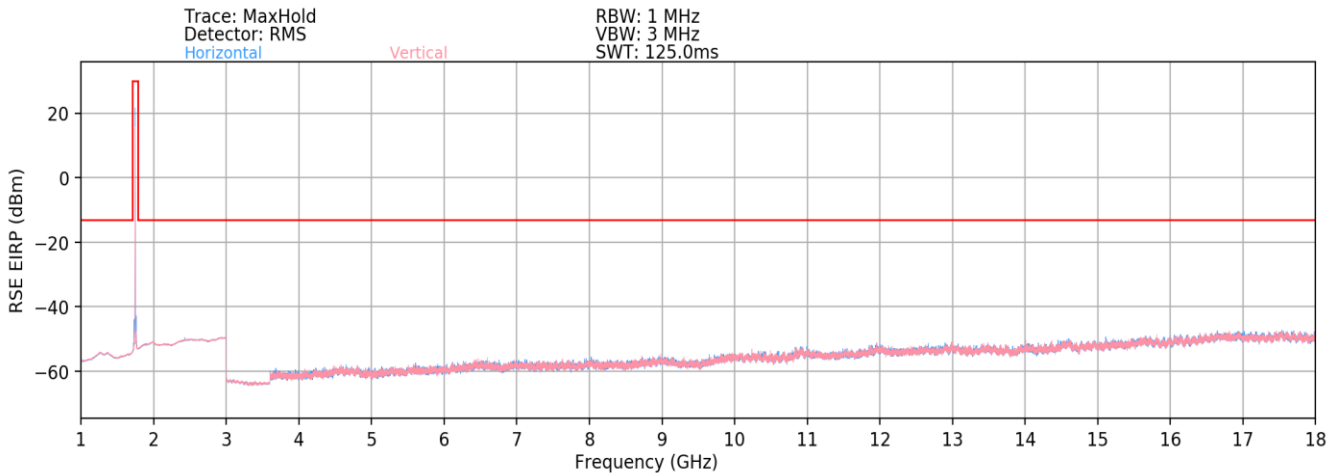
Table 7-32. Radiated Spurious Data (LTE Band 66/4 –Ant1)

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NR Band n66 – Ant1



Plot 7-325. Radiated Spurious Plot (NR Band n66 – Ant1)



Plot 7-326. Radiated Spurious Plot (NR Band n66 – Ant1)

Bandwidth (MHz):	40
Frequency (MHz):	1730
RB / Offset:	1 / 108
Mode:	Stand Alone

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	H	-	-	-78.52	3.12	31.60	-63.65	-13.00	-50.65
5190.00	H	-	-	-79.51	5.59	33.08	-62.18	-13.00	-49.18
6920.00	H	-	-	-80.18	7.51	34.33	-60.92	-13.00	-47.92

Table 7-33. Radiated Spurious Data (NR Band n66 – Low Channel – Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	40
Frequency (MHz):	1745
RB / Offset:	1 / 108
Mode:	Stand Alone

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	-	-	-78.71	3.16	31.45	-63.80	-13.00	-50.80
5235.00	H	-	-	-79.48	5.52	33.04	-62.22	-13.00	-49.22
6980.00	H	-	-	-79.40	7.83	35.43	-59.83	-13.00	-46.83

Table 7-34. Radiated Spurious Data (NR Band n66 – Mid Channel – Ant1)

Bandwidth (MHz):	40
Frequency (MHz):	1760
RB / Offset:	1 / 108
Mode:	Stand Alone

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	H	-	-	-78.23	3.07	31.84	-63.41	-13.00	-50.41
5280.00	H	-	-	-79.28	5.42	33.14	-62.11	-13.00	-49.11
7040.00	H	-	-	-79.55	8.00	35.45	-59.81	-13.00	-46.81

Table 7-35. Radiated Spurious Data (NR Band n66 – High Channel – Ant1)

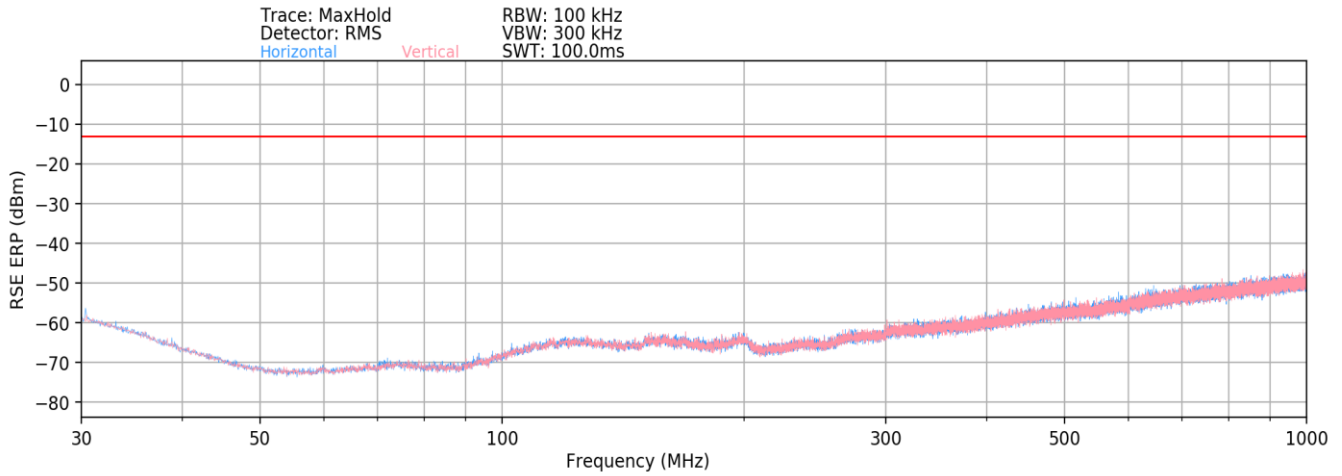
Bandwidth (MHz):	40
Frequency (MHz):	1745
RB / Offset:	1/108
Mode:	Stand-alone

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]
195.34	H	-	-	-90.23	19.57	36.34	-61.06	-13.00	-48.06
891.94	H	-	-	-89.79	31.12	48.33	-49.08	-13.00	-36.08

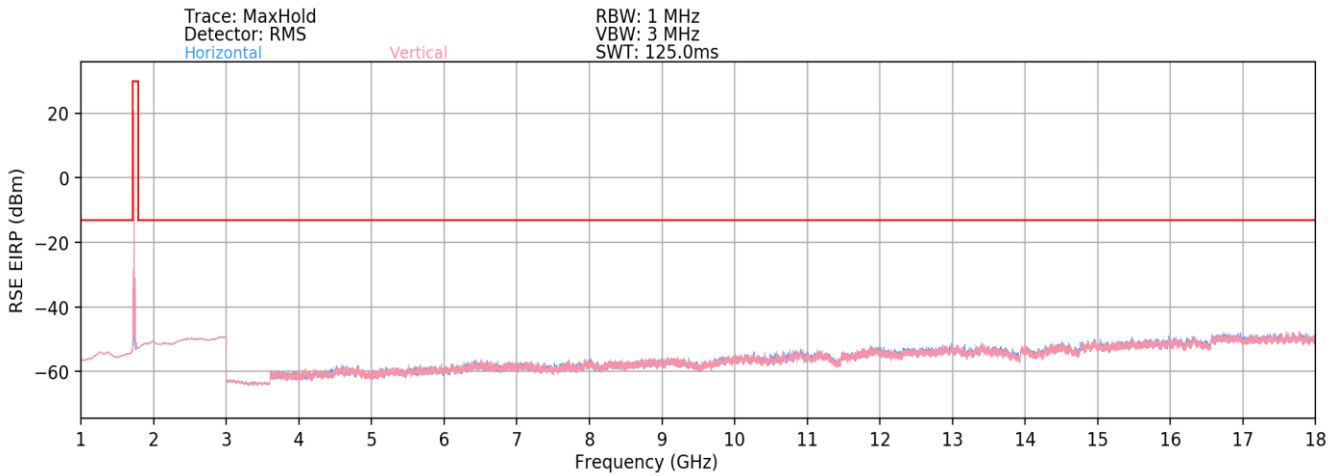
Table 7-36. Radiated Spurious Data (NR Band n66 – Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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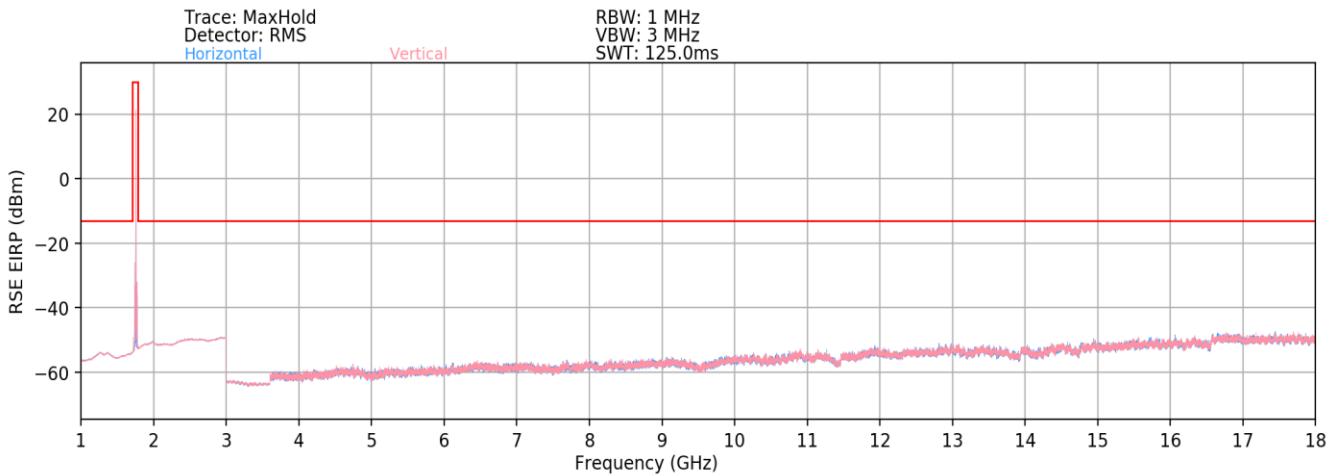
Uplink CA LTE Band 66B/C – Ant1



Plot 7-327. Radiated Spurious Plot (ULCA LTE Band 66 – Ant1)

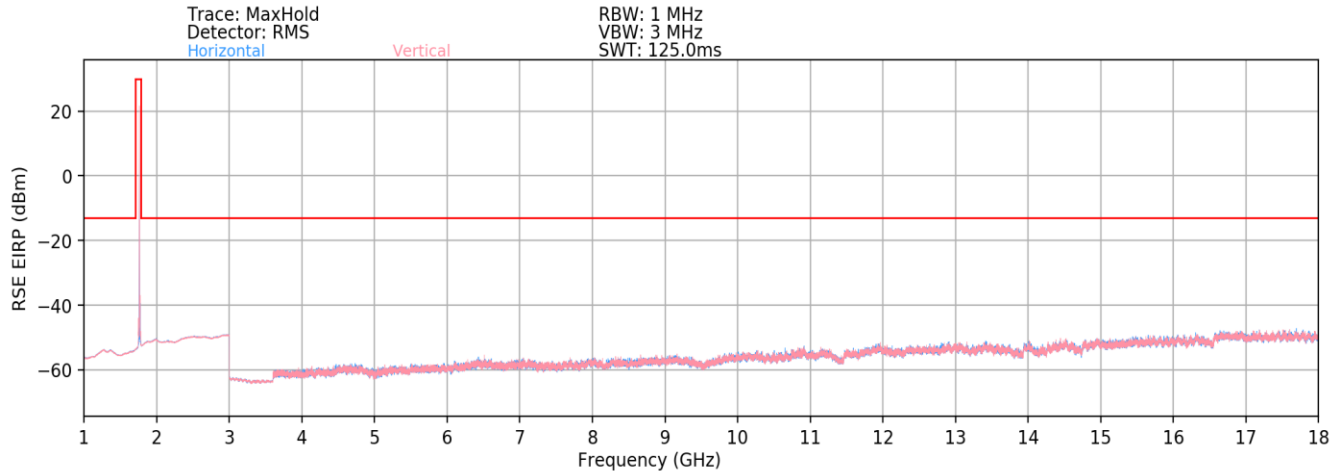


Plot 7-328. Radiated Spurious Plot (ULCA LTE Band 66 – Ant1)



Plot 7-329. Radiated Spurious Plot (ULCA LTE Band 66 – Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2204040049-06-R1.C3K	Test Dates: 3/15/2022 - 08/10/2022	EUT Type: Portable Computing Device	Page 204 of 222



Plot 7-330. Radiated Spurious Plot (ULCA LTE Band 66 – Ant1)

PCC Bandwidth (MHz):	10
PCC Frequency (MHz):	1715.0
PCC RB / Offset:	1 / 49
SCC Bandwidth (MHz):	10
SCC Frequency (MHz):	1724.9
SCC RB / Offset:	1 / 0
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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]
3459.80	V	-	-	-78.19	2.88	31.69	-63.57	-13.00	-50.57
5189.70	V	-	-	-79.44	5.00	32.56	-62.70	-13.00	-49.70
6919.60	V	-	-	-80.13	7.96	34.83	-60.43	-13.00	-47.43

7-37. Radiated Spurious Data (ULCA LTE66 – Low Channel – Ant1)

PCC Bandwidth (MHz):	10
PCC Frequency (MHz):	1745.0
PCC RB / Offset:	1 / 49
SCC Bandwidth (MHz):	10
SCC Frequency (MHz):	1735.1
SCC RB / Offset:	1 / 0
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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]
3509.80	V	-	-	-77.73	2.69	31.96	-63.30	-13.00	-50.30
5264.70	V	-	-	-79.33	5.03	32.70	-62.56	-13.00	-49.56
7019.60	V	-	-	-79.48	7.16	34.68	-60.58	-13.00	-47.58

Table 7-38. Radiated Spurious Data (ULCA LTE66 – Mid Channel – Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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PCC Bandwidth (MHz):	10
PCC Frequency (MHz):	1775.0
PCC RB / Offset:	1 / 49
SCC Bandwidth (MHz):	10
SCC Frequency (MHz):	1735.1
SCC RB / Offset:	1 / 0
Detector / Trace Mode:	RMS / Average
RBW / VBW:	1MHz / 3MHz

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]
3520.20	V	-	-	-77.91	2.41	31.50	-63.75	-13.00	-50.75
5280.30	V	-	-	-79.18	4.94	32.76	-62.50	-13.00	-49.50
7040.40	V	-	-	-79.49	7.46	34.97	-60.29	-13.00	-47.29

Table 7-39. Radiated Spurious Data (ULCA LTE66 – High Channel – Ant1)

PCC Bandwidth (MHz):	10
PCC Frequency (MHz):	1745.0
PCC RB / Offset:	1/49
SCC Bandwidth (MHz):	10
SCC Frequency (MHz):	1764.8
SCC RB / Offset:	1/0
Detector / Trace Mode:	RMS / Average
RBW / VBW:	100kHz / 300kHz

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]
194.67	V	-	-	-91.05	19.54	35.49	-61.91	-13.00	-48.91
799.10	V	-	-	-90.73	29.81	46.08	-51.32	-13.00	-38.32

Table 7-40. Radiated Spurious Data (ULCA LTE66 –Ant1)

FCC ID: C3K1997	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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