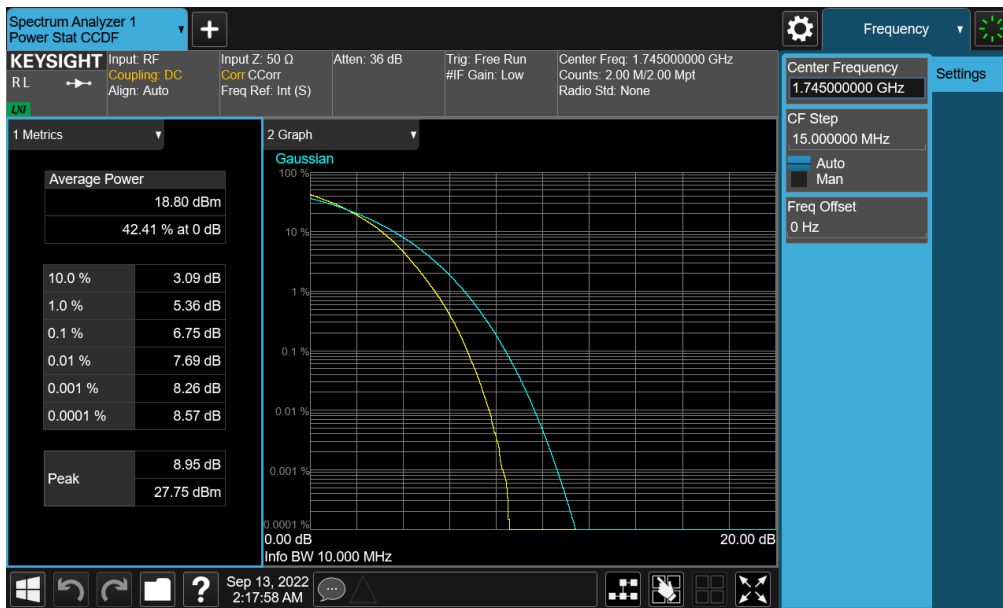


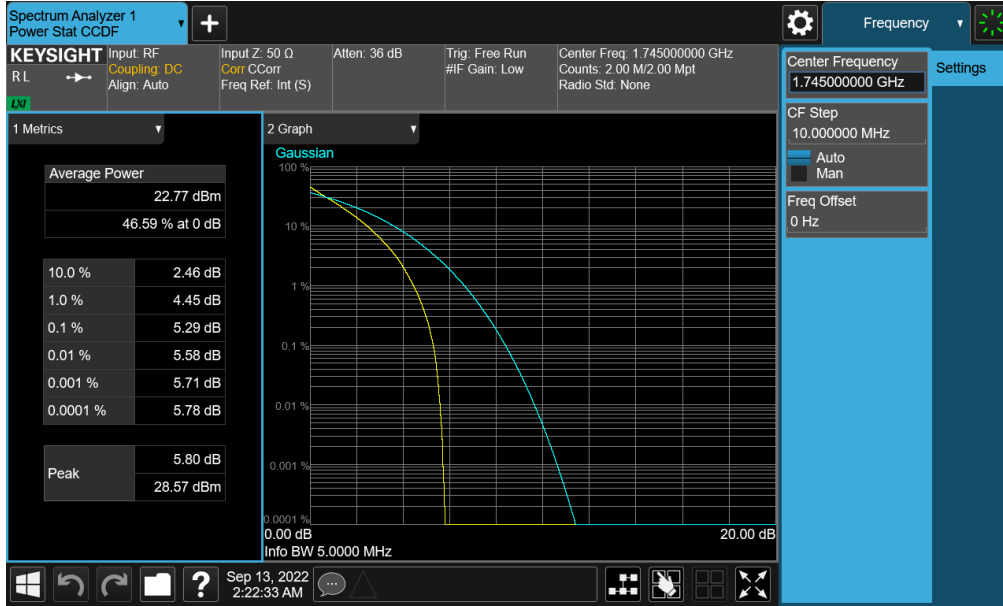


**Plot 7-400. PAR Plot (LTE Band 66/4 - 10MHz QPSK - Full RB - Ant A)**

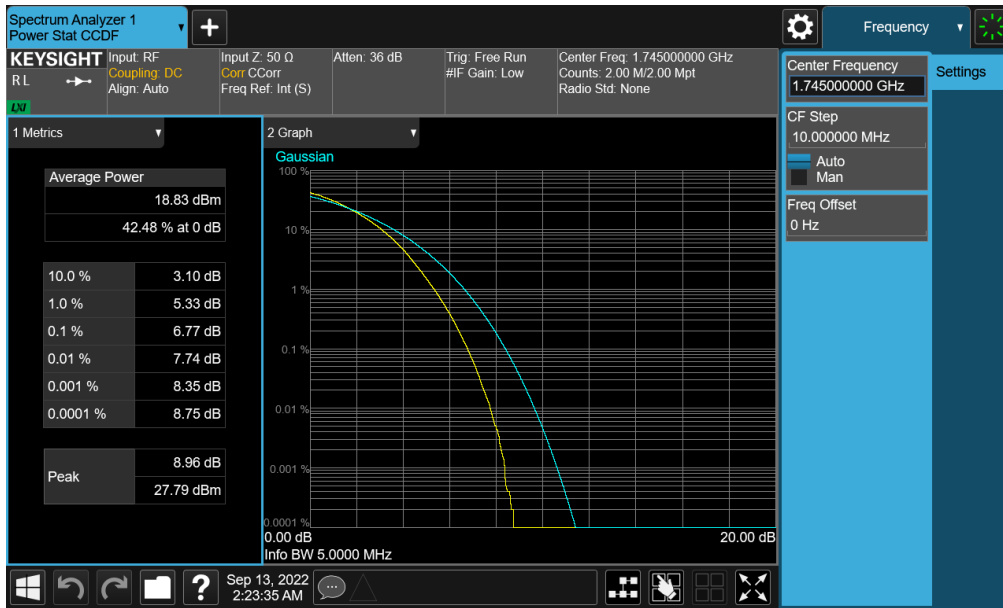


**Plot 7-401. PAR Plot (LTE Band 66/4 - 10MHz 256-QAM - Full RB - Ant A)**

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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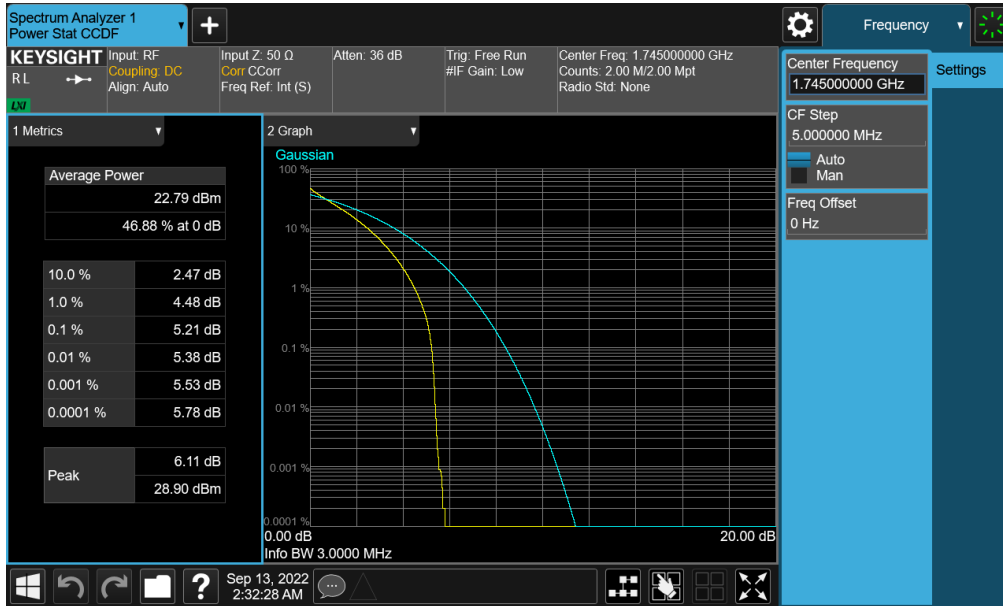


Plot 7-402. PAR Plot (LTE Band 66/4 - 5MHz QPSK - Full RB - Ant A)



Plot 7-403. PAR Plot (LTE Band 66/4 - 5MHz 256-QAM - Full RB - Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 232 of 316

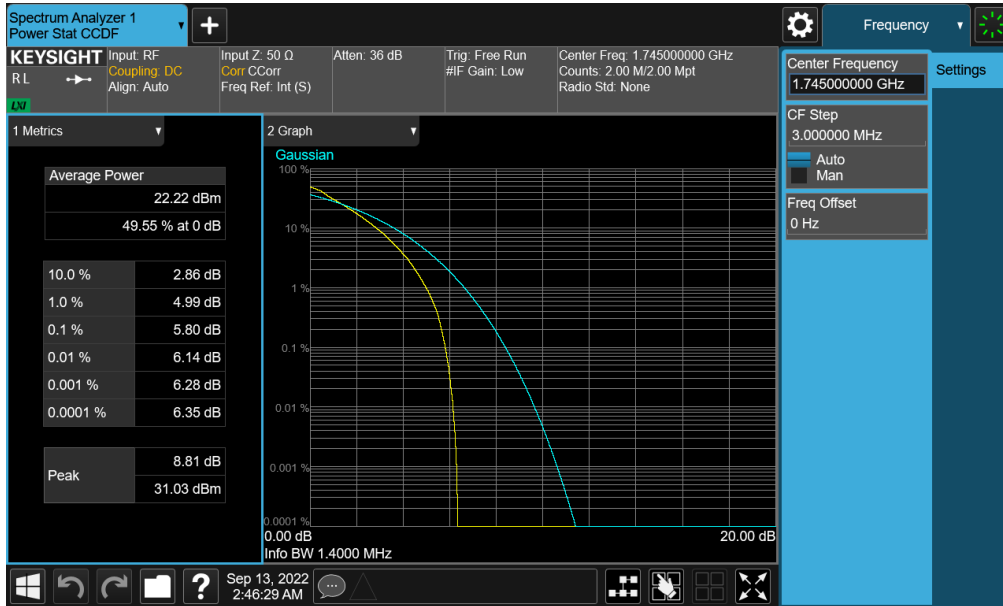


Plot 7-404. PAR Plot (LTE Band 66/4 - 3MHz QPSK - Full RB - Ant A)



Plot 7-405. PAR Plot (LTE Band 66/4 - 3MHz 256-QAM - Full RB - Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 233 of 316



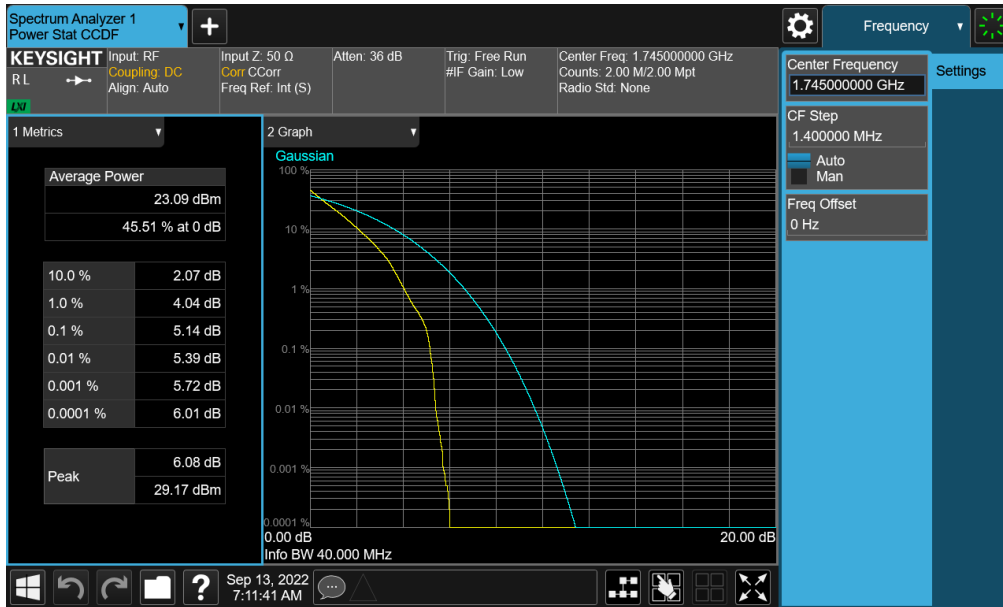
Plot 7-406. PAR Plot (LTE Band 66/4 - 1.4MHz QPSK - Full RB - Ant A)



Plot 7-407. PAR Plot (LTE Band 66/4 - 1.4MHz 256-QAM - Full RB - Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 234 of 316

# NR Band n66 – Ant A

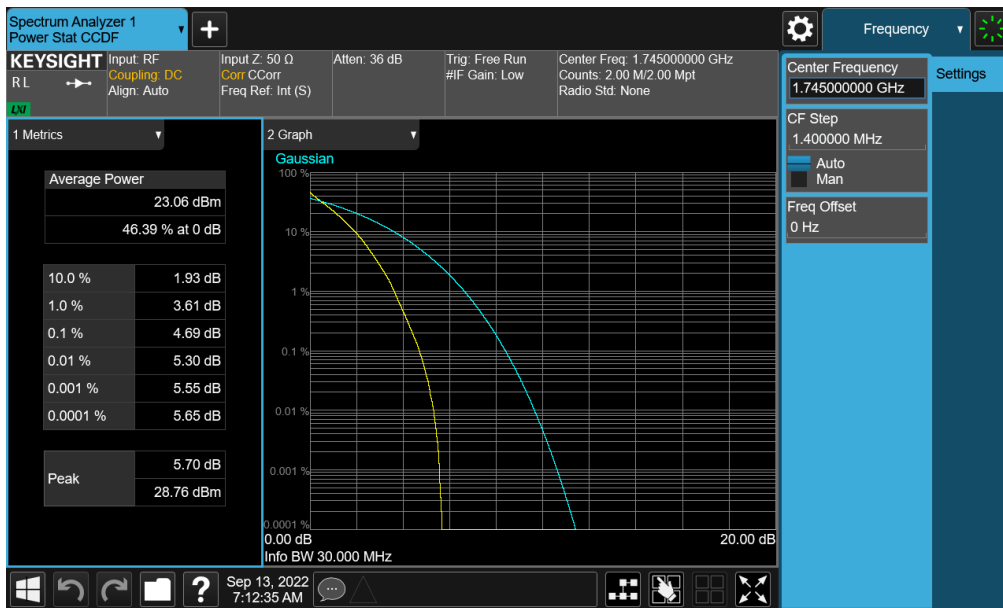


Plot 7-408. PAR Plot (NR Band n66 - 40.0MHz DFT-s-OFDM BPSK - Full RB - Ant A)



Plot 7-409. PAR Plot (NR Band n66 - 40.0MHz CP-OFDM QPSK - Full RB - Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1-A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 235 of 316



FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 236 of 316

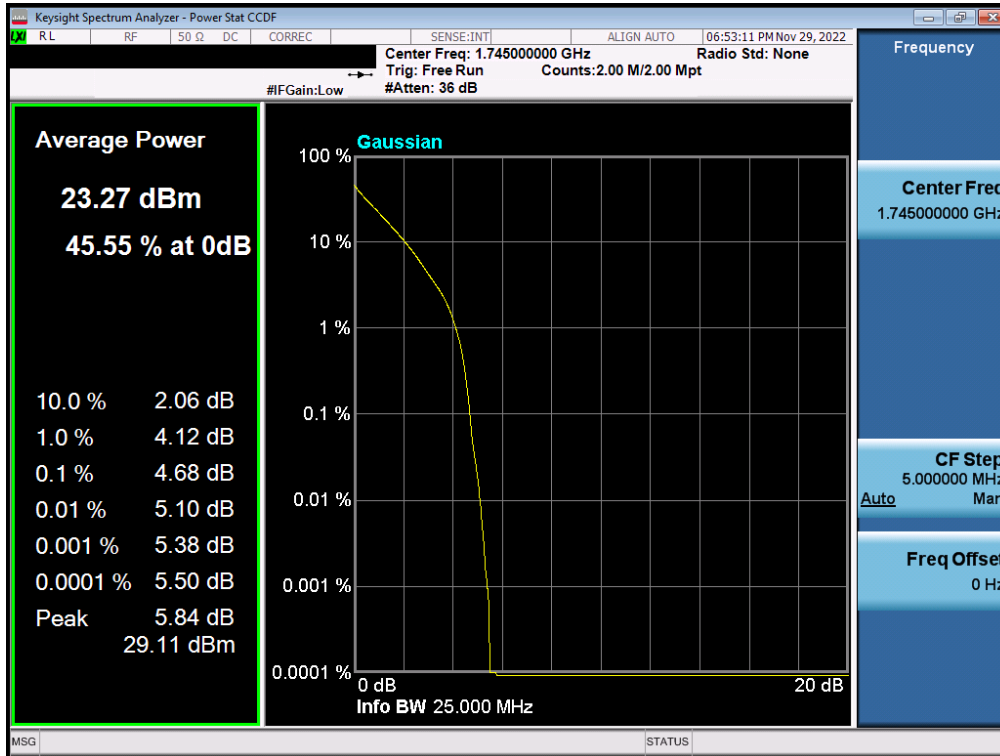


Plot 7-412. PAR Plot (NR Band n66 - 30.0MHz CP-OFDM QPSK - Full RB - Ant A)

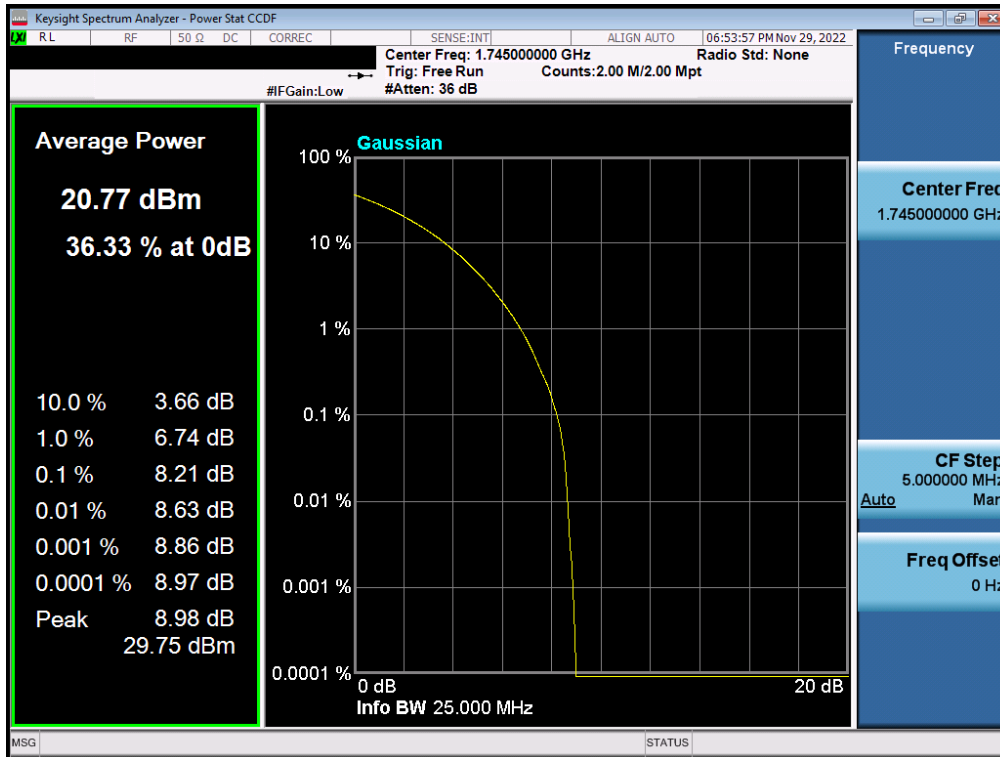


Plot 7-413. PAR Plot (NR Band n66 - 30.0MHz CP-OFDM 256-QAM - Full RB - Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 237 of 316



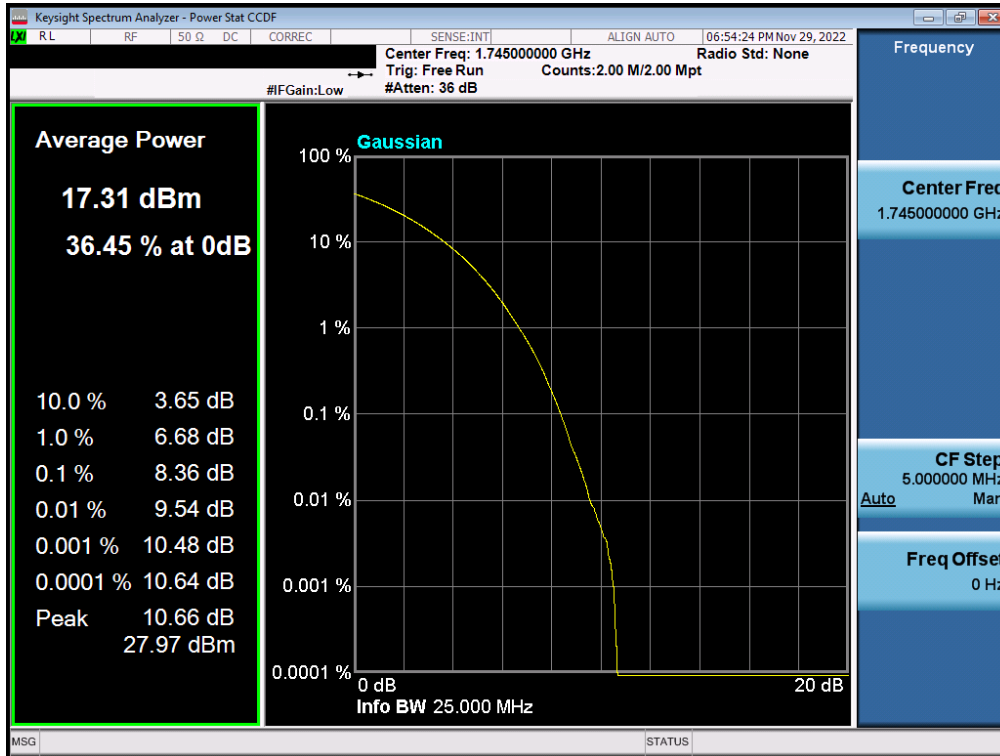
Plot 7-414. PAR Plot (NR Band n66 - 25.0MHz DFT-s-OFDM BPSK - Full RB - Ant A)



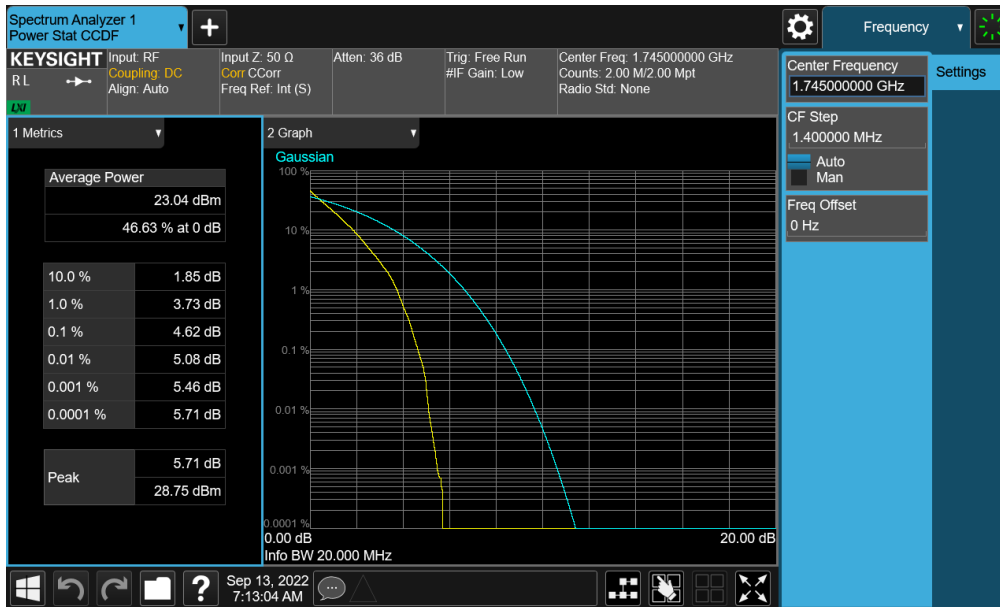
Plot 7-415. PAR Plot (NR Band n66 - 25.0MHz CP-OFDM QPSK - Full RB - Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-416. PAR Plot (NR Band n66 - 25.0MHz CP-OFDM 256-QAM - Full RB - Ant A)

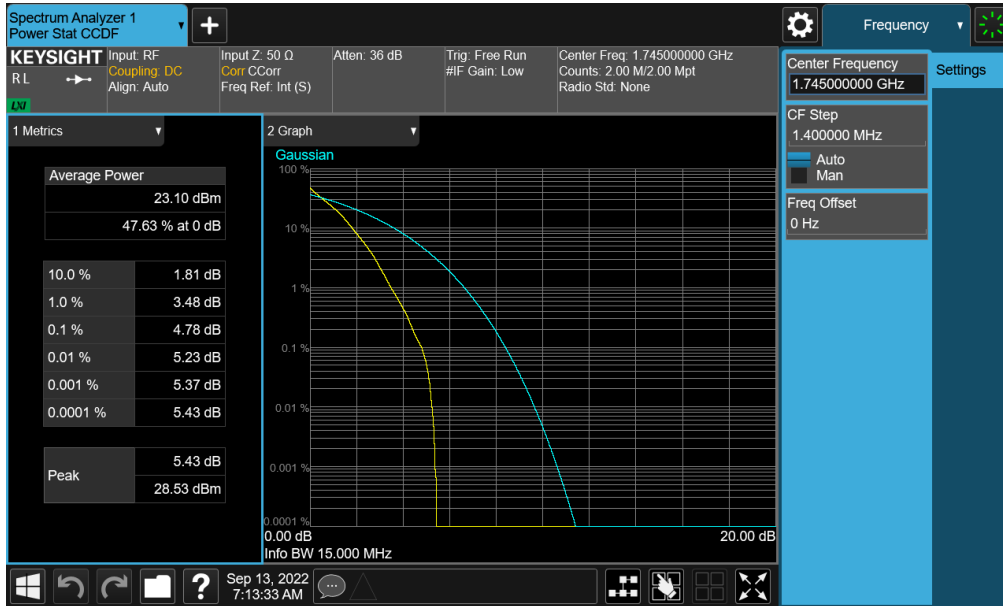


Plot 7-417. PAR Plot (NR Band n66 - 20.0MHz DFT-s-OFDM BPSK - Full RB - Ant A)

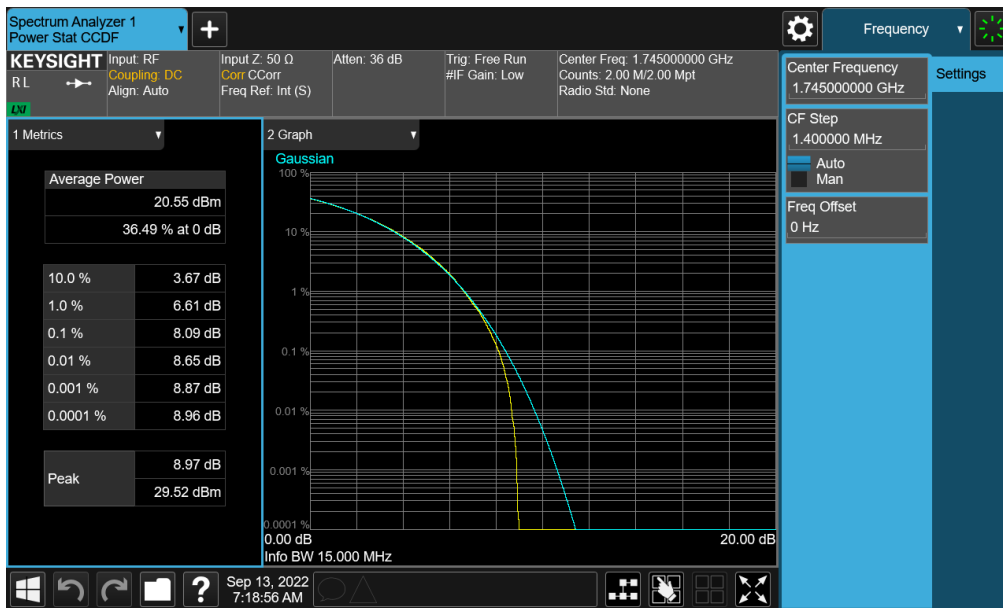
FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 239 of 316



FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Plot 7-420. PAR Plot (NR Band n66 - 15.0MHz DFT-s-OFDM BPSK - Full RB - Ant A)

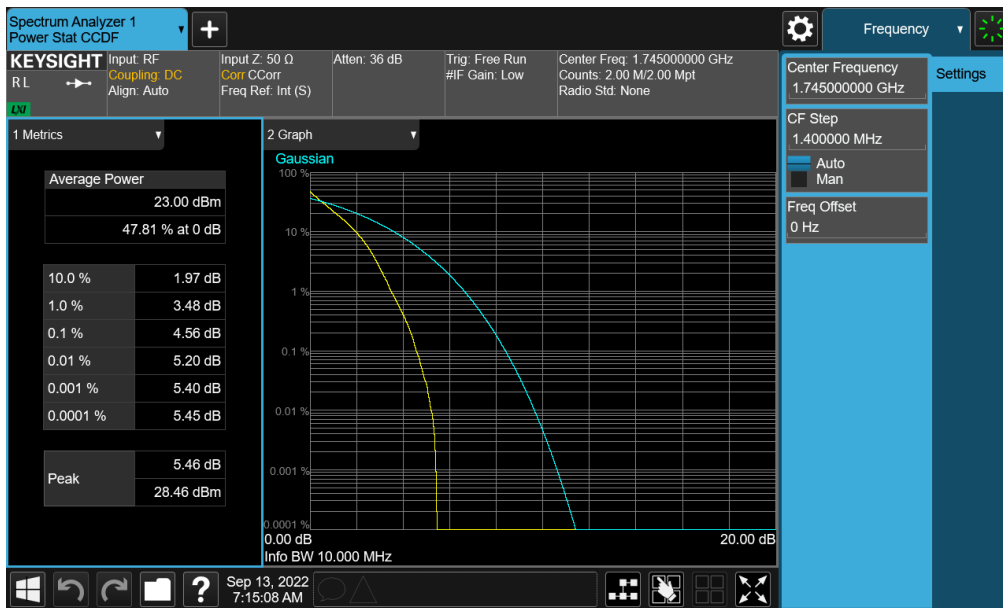


Plot 7-421. PAR Plot (NR Band n66 - 15.0MHz CP-OFDM QPSK - Full RB - Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 241 of 316

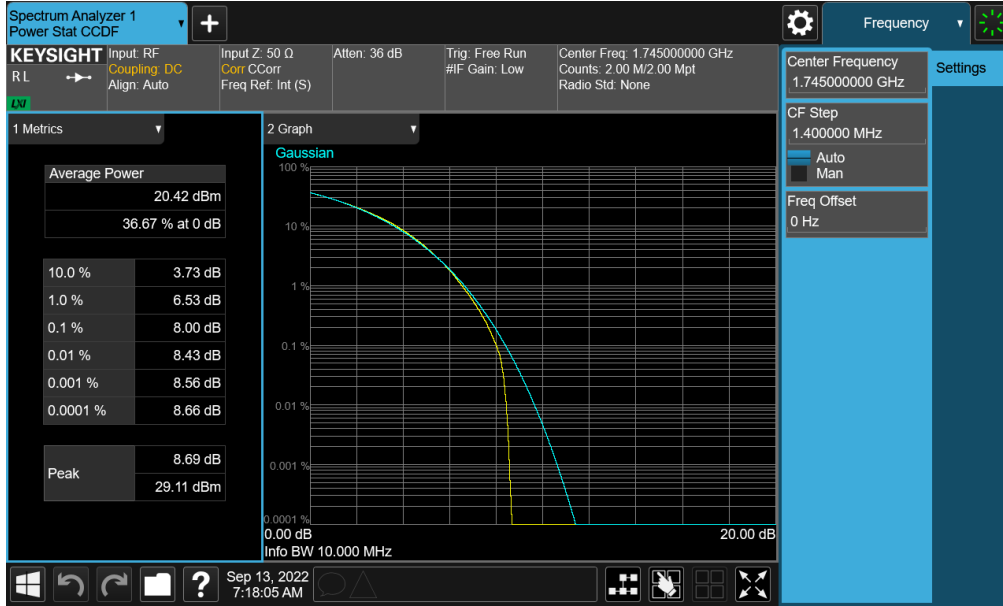


Plot 7-422. PAR Plot (NR Band n66 - 15.0MHz CP-OFDM 256-QAM - Full RB - Ant A)



Plot 7-423. PAR Plot (NR Band n66 - 10.0MHz DFT-s-OFDM BPSK - Full RB - Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 242 of 316

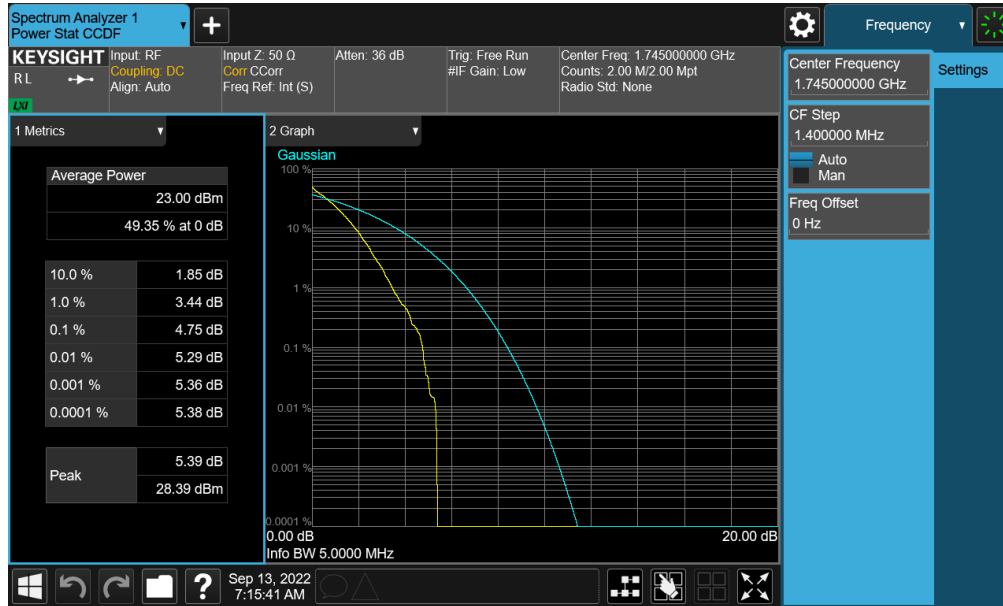


Plot 7-424. PAR Plot (NR Band n66 - 10.0MHz CP-OFDM QPSK - Full RB - Ant A)

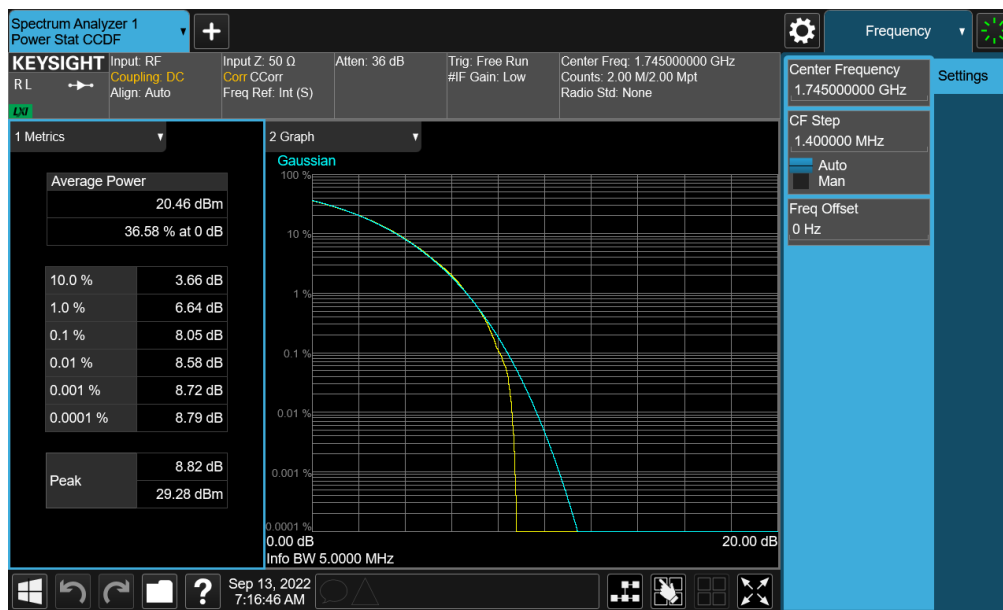


Plot 7-425. PAR Plot (NR Band n66 - 10.0MHz CP-OFDM 256-QAM - Full RB - Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 243 of 316



Plot 7-426. PAR Plot (NR Band n66 - 5.0MHz DFT-s-OFDM BPSK - Full RB - Ant A)



Plot 7-427. PAR Plot (NR Band n66 - 5.0MHz CP-OFDM QPSK - Full RB - Ant A)

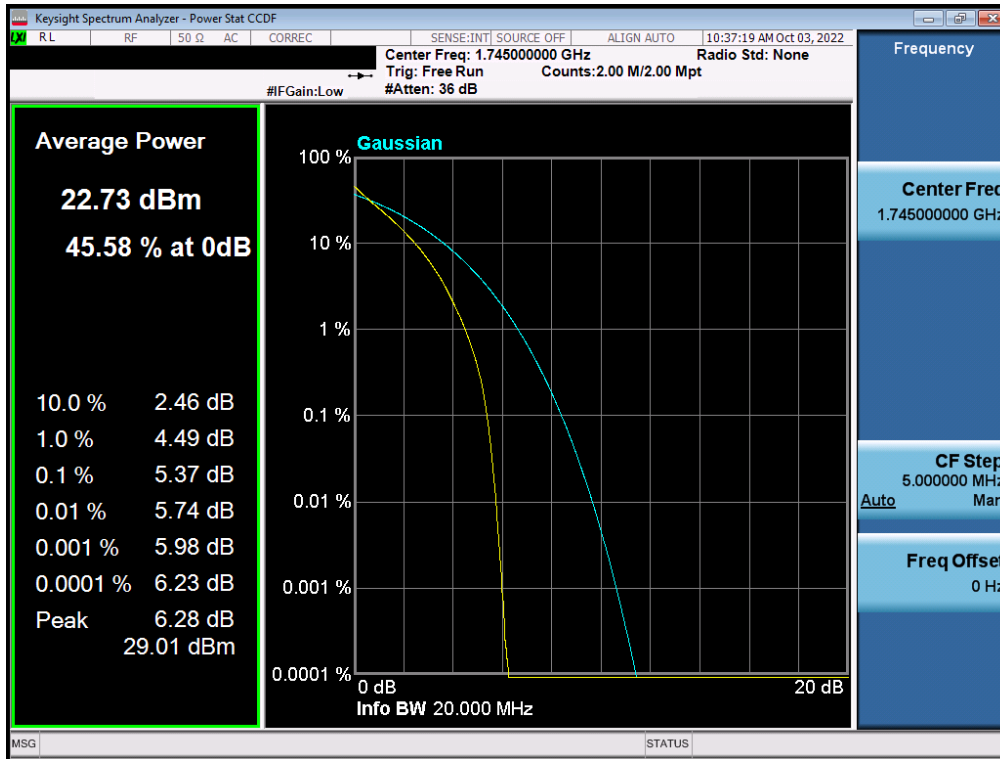
FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 244 of 316



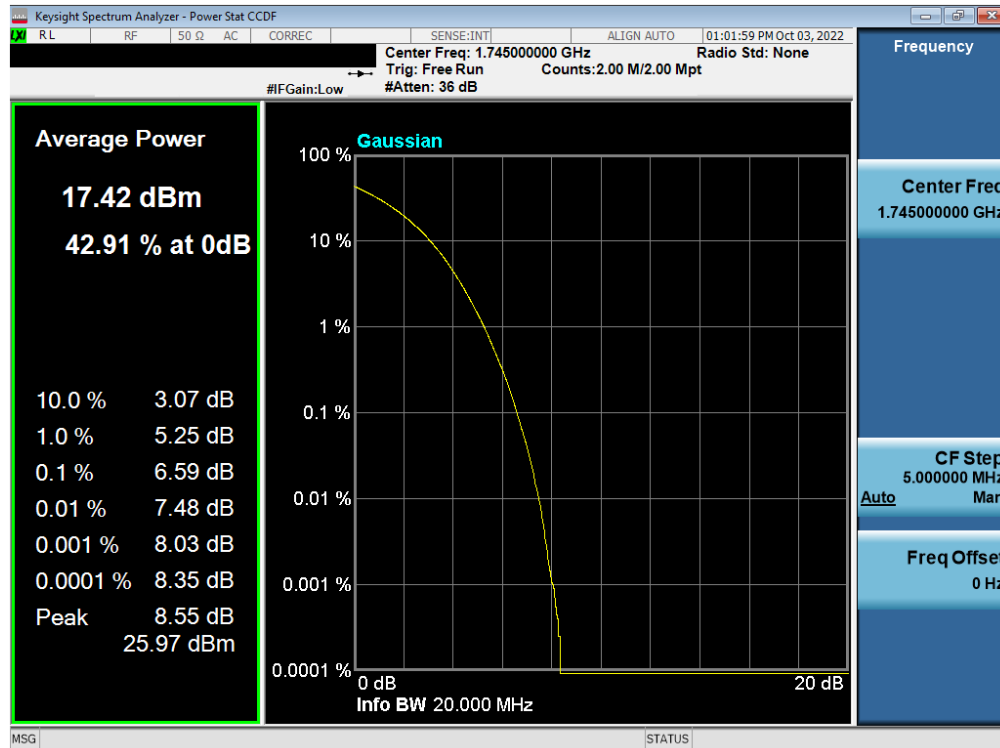
Plot 7-428. PAR Plot (NR Band n66 - 5.0MHz CP-OFDM 256-QAM - Full RB - Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 245 of 316

### LTE Band 66/4 – Ant F



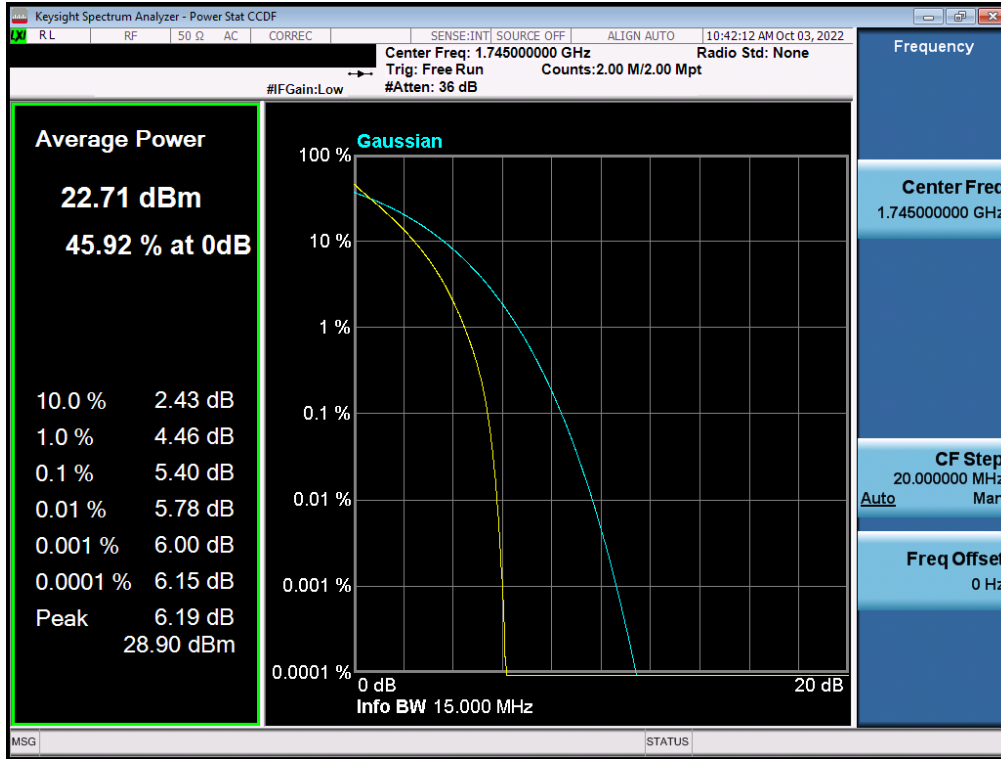
Plot 7-429. PAR Plot (LTE Band 66/4 - 20MHz QPSK - Full RB - Ant F)



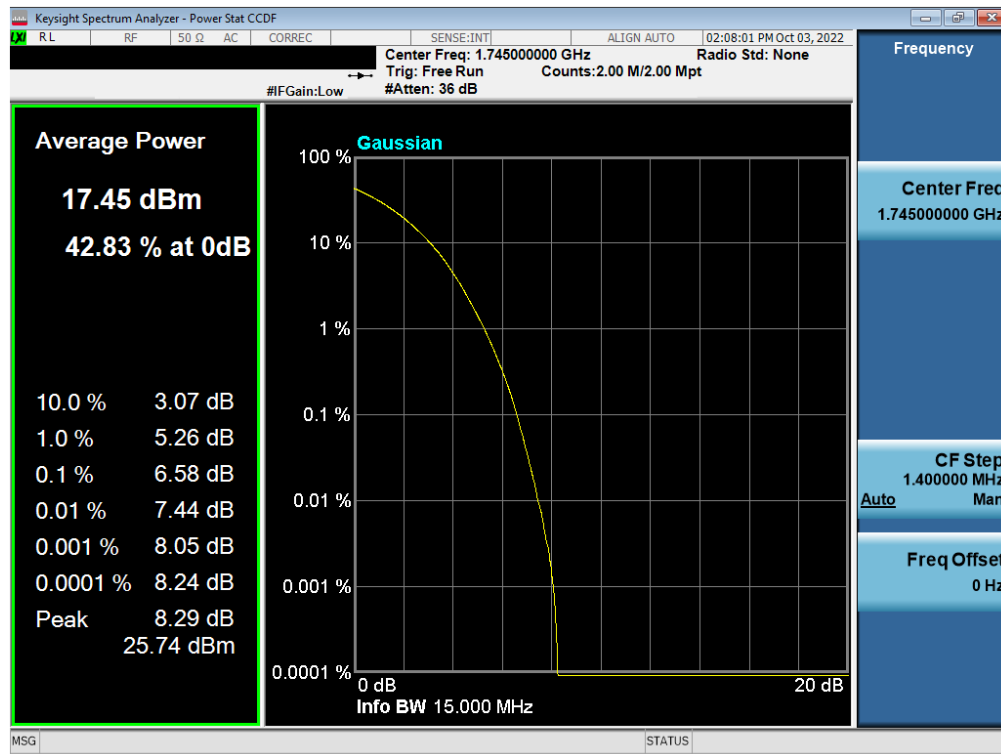
Plot 7-430. PAR Plot (LTE Band 66/4 - 20MHz 256-QAM - Full RB - Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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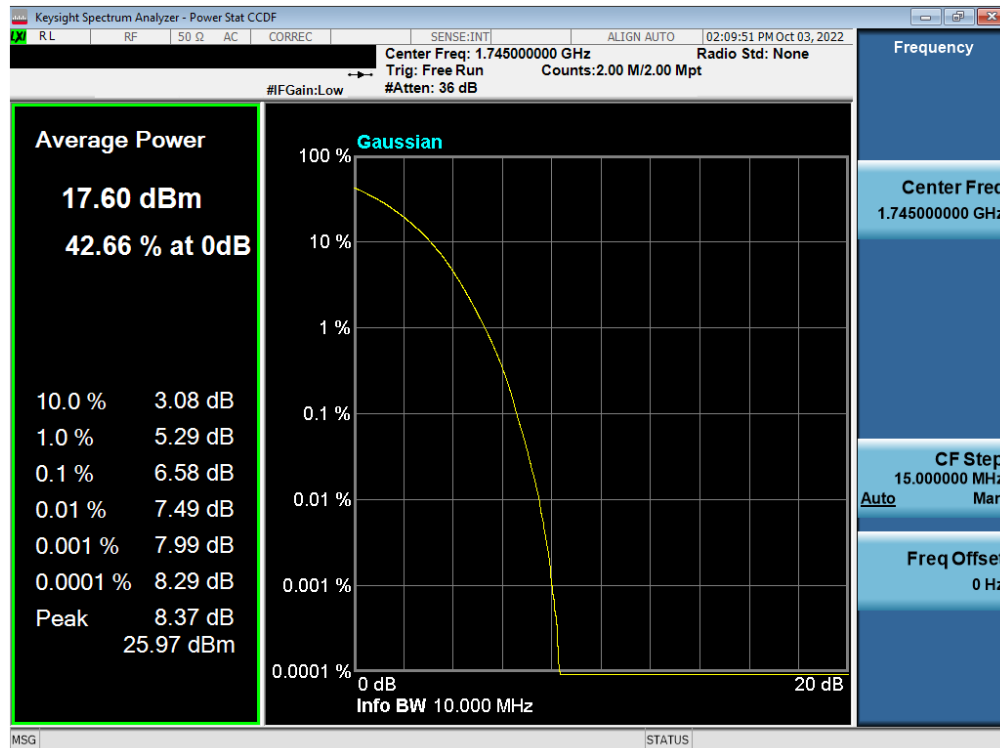
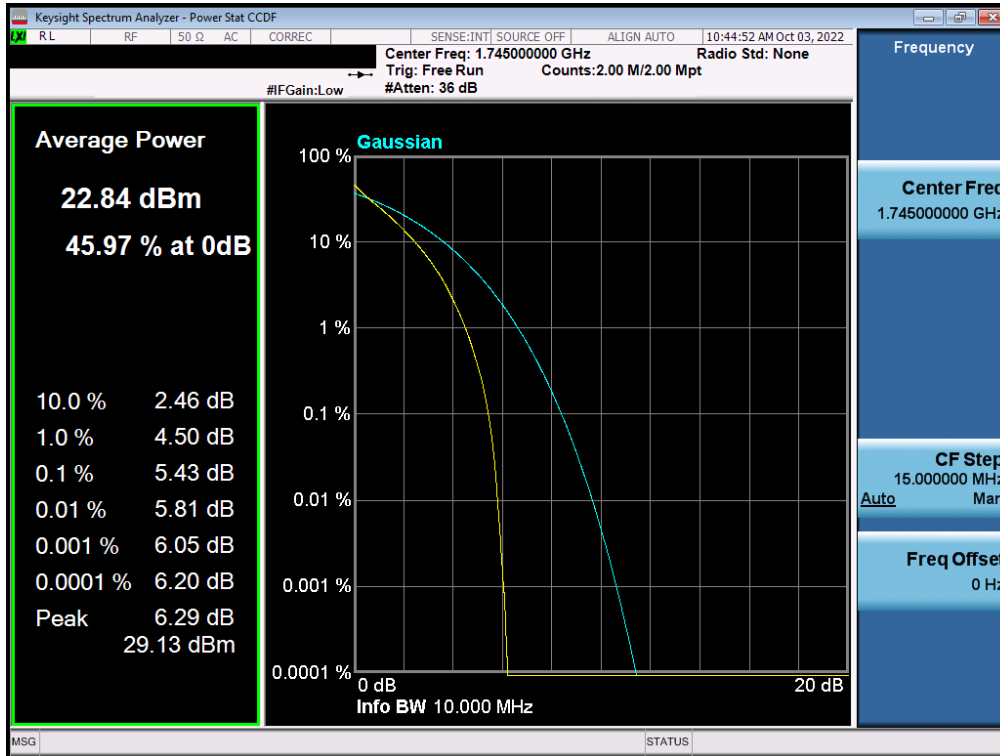


Plot 7-431. PAR Plot (LTE Band 66/4 - 15MHz QPSK - Full RB - Ant F)

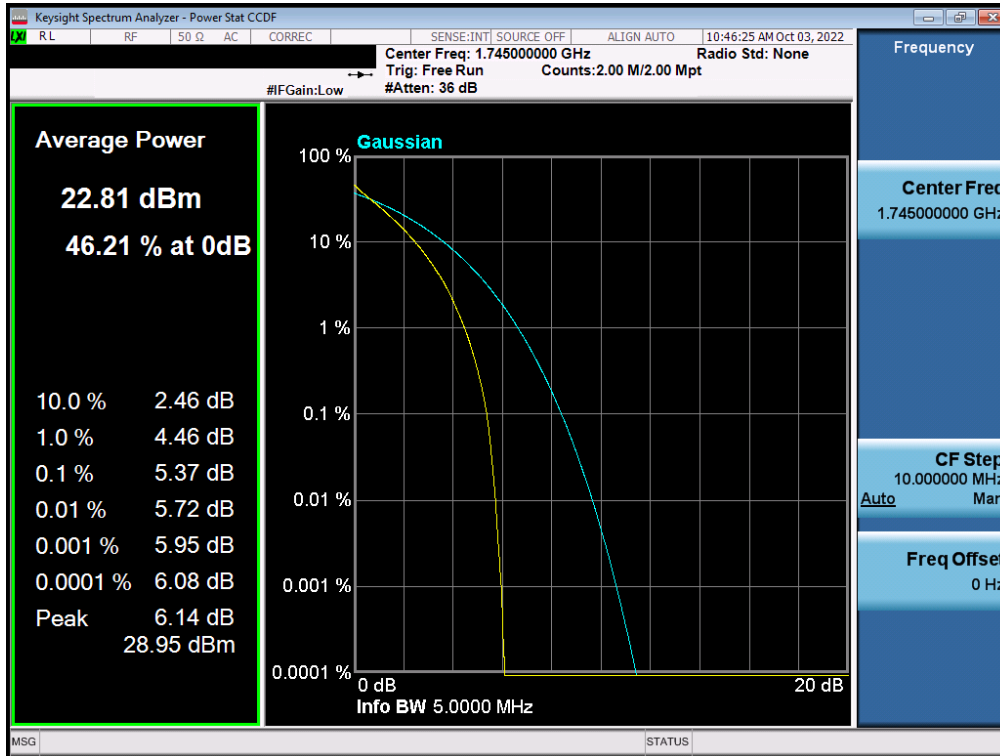


Plot 7-432. PAR Plot (LTE Band 66/4 - 15MHz 256-QAM - Full RB - Ant F)

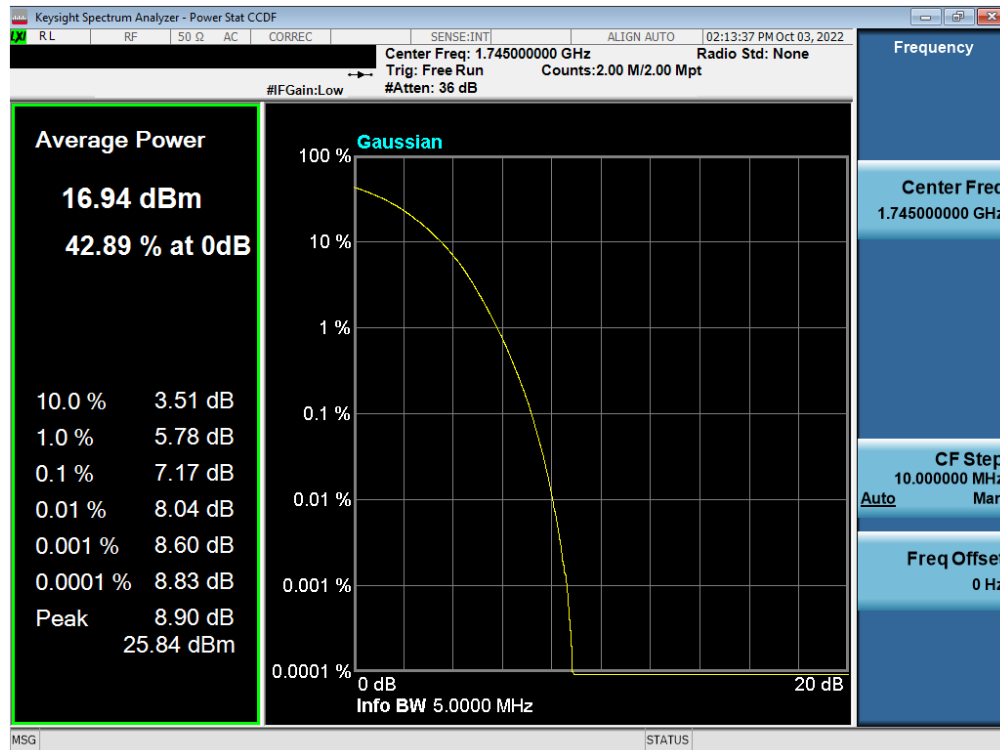
FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 247 of 316



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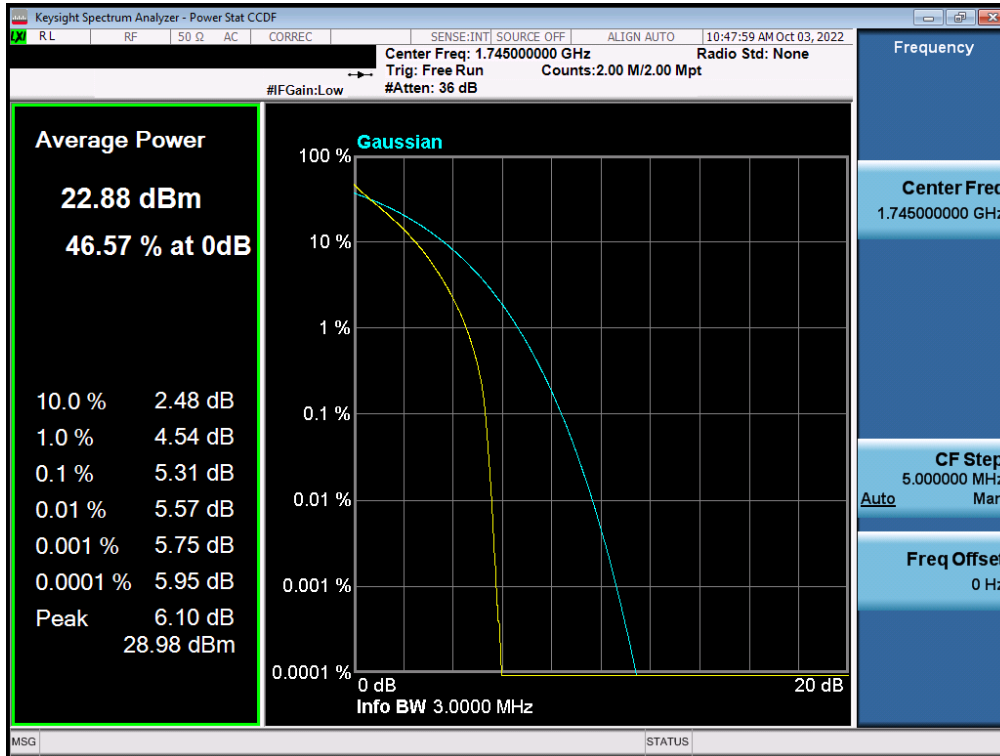


Plot 7-435. PAR Plot (LTE Band 66/4 - 5MHz QPSK - Full RB - Ant F)

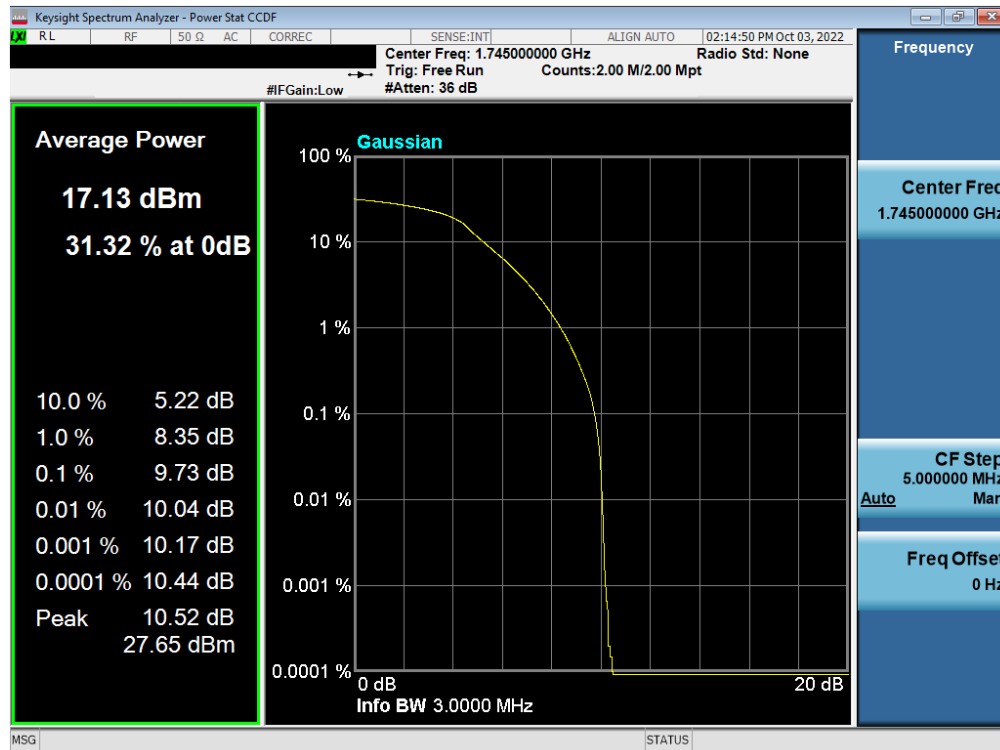


Plot 7-436. PAR Plot (LTE Band 66/4 - 5MHz 256-QAM - Full RB - Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 249 of 316

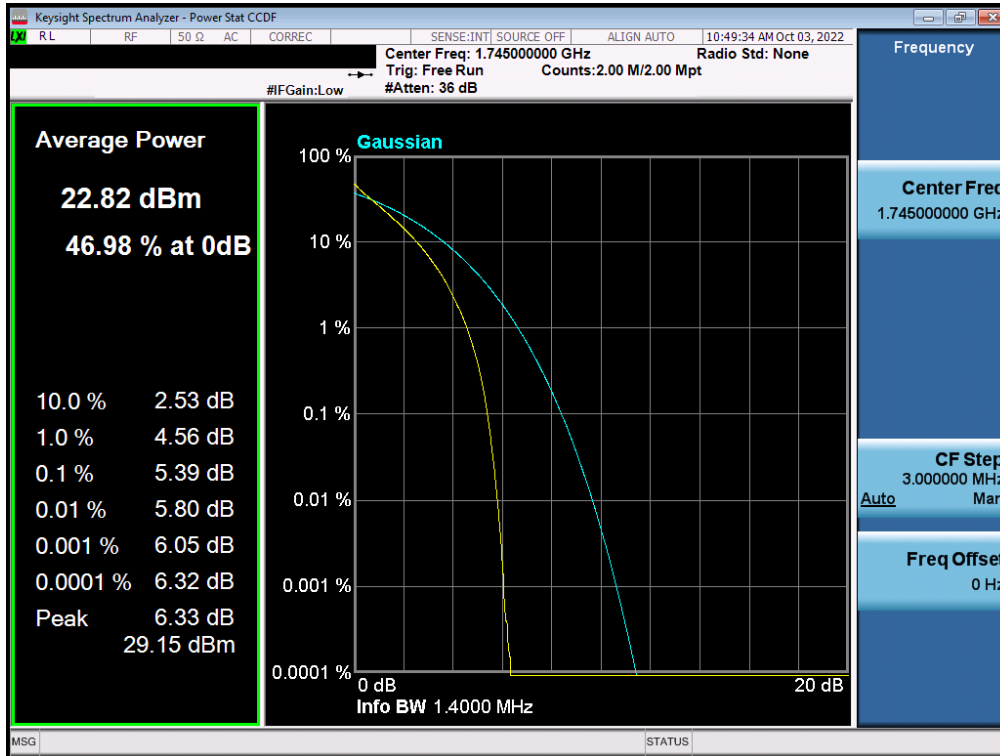


Plot 7-437. PAR Plot (LTE Band 66/4 - 3MHz QPSK - Full RB - Ant F)

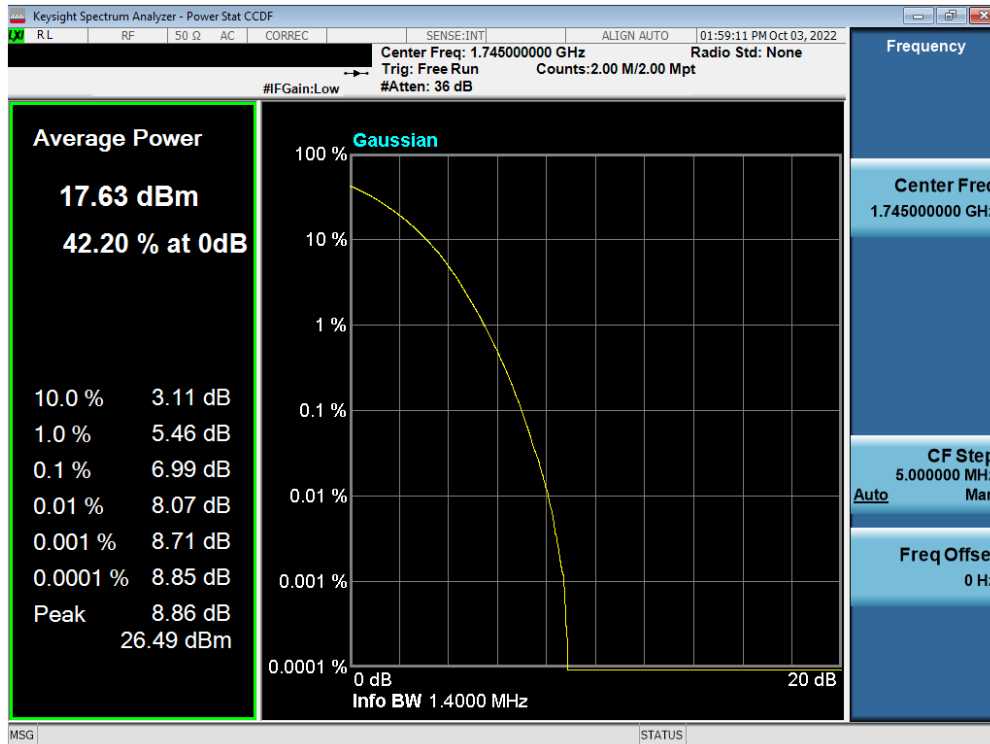


Plot 7-438. PAR Plot (LTE Band 66/4 - 3MHz 256-QAM - Full RB - Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 250 of 316



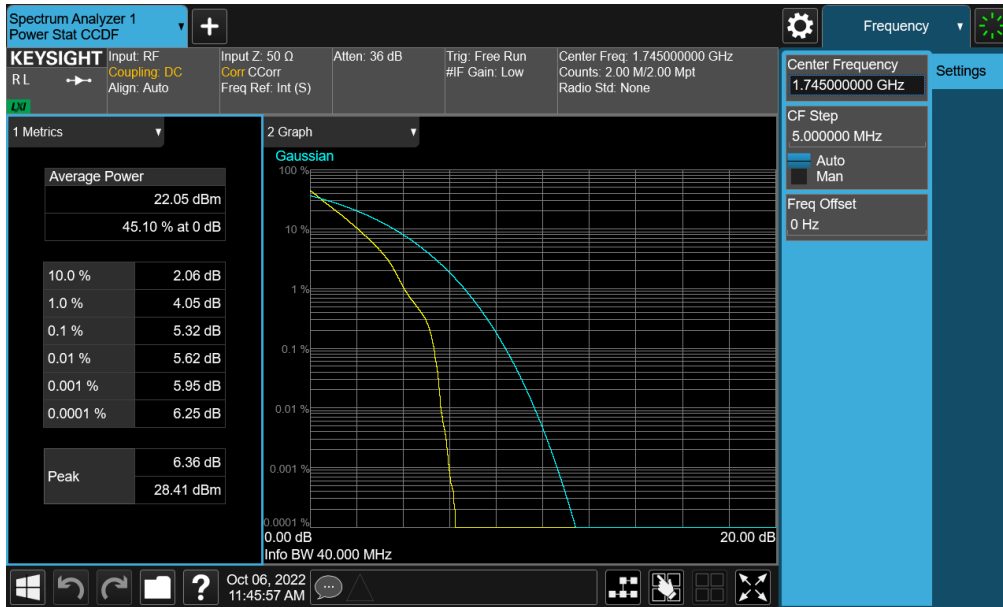
Plot 7-439. PAR Plot (LTE Band 66/4 - 1.4MHz QPSK - Full RB - Ant F)



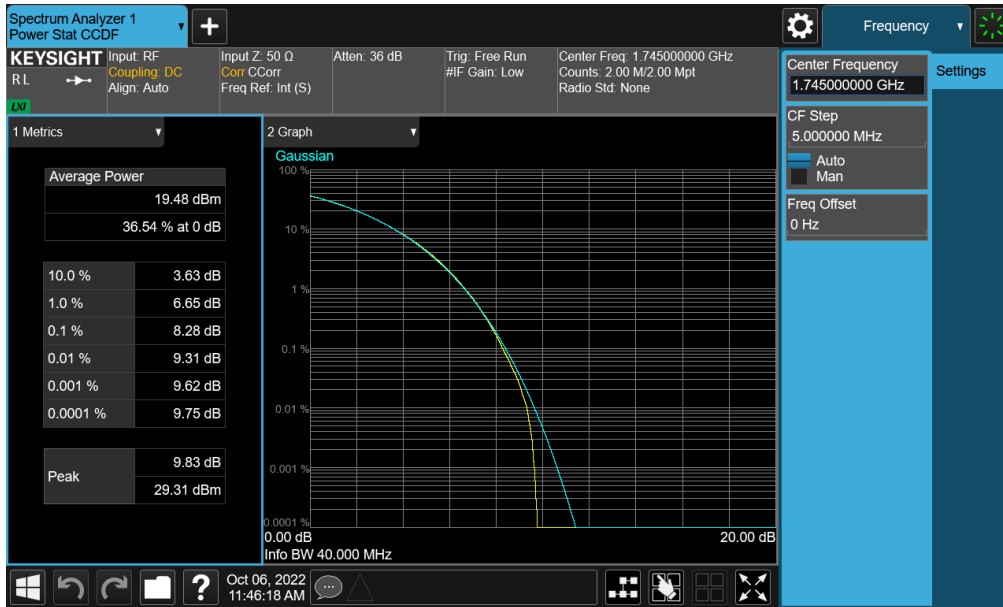
Plot 7-440. PAR Plot (LTE Band 66/4 - 1.4MHz 256-QAM - Full RB - Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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# NR Band n66 – Ant F

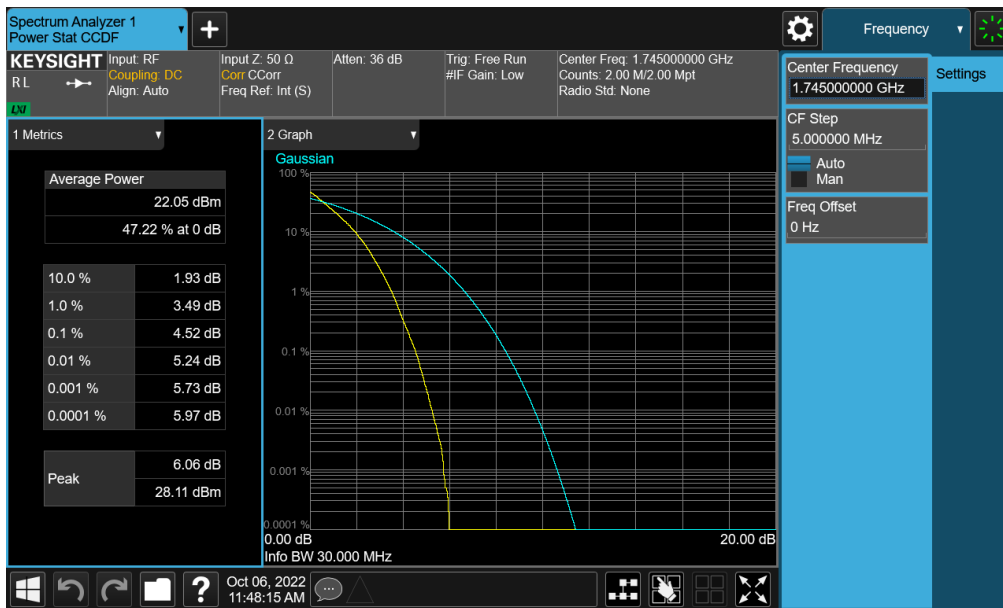


Plot 7-441. PAR Plot (NR Band n66 - 40.0MHz DFT-s-OFDM BPSK - Full RB - Ant F)

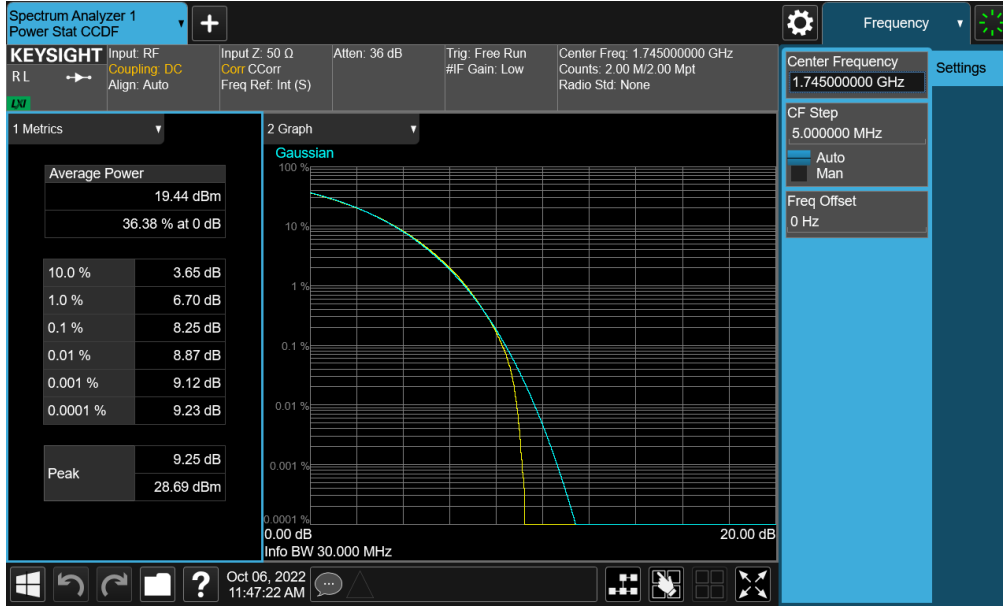


Plot 7-442. PAR Plot (NR Band n66 - 40.0MHz CP-OFDM QPSK - Full RB - Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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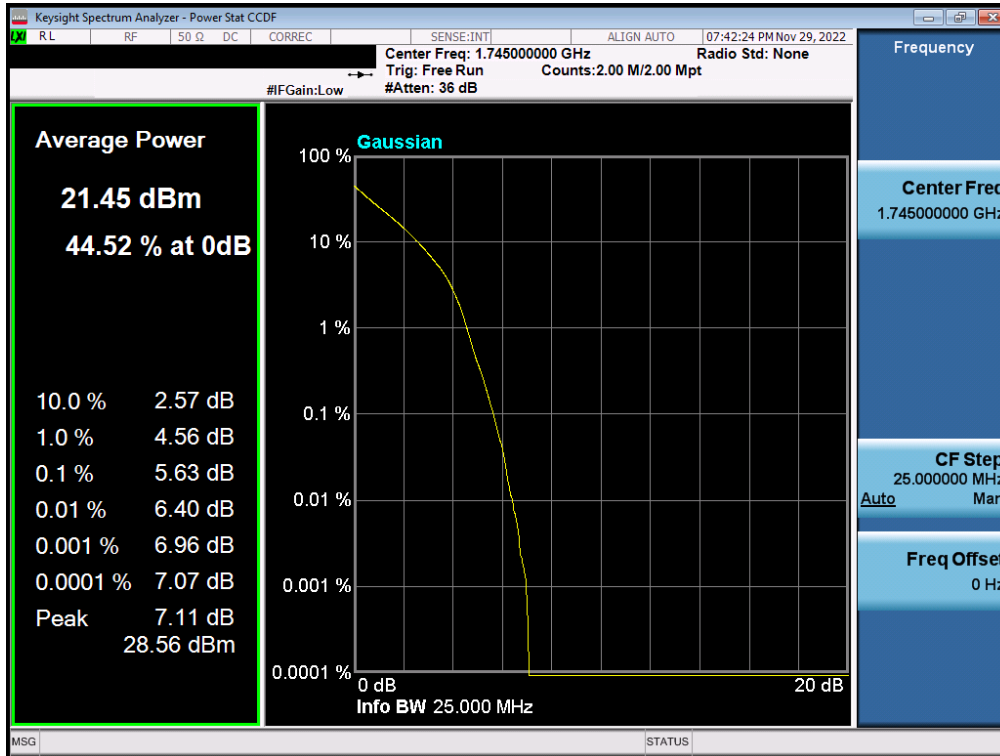


FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 253 of 316

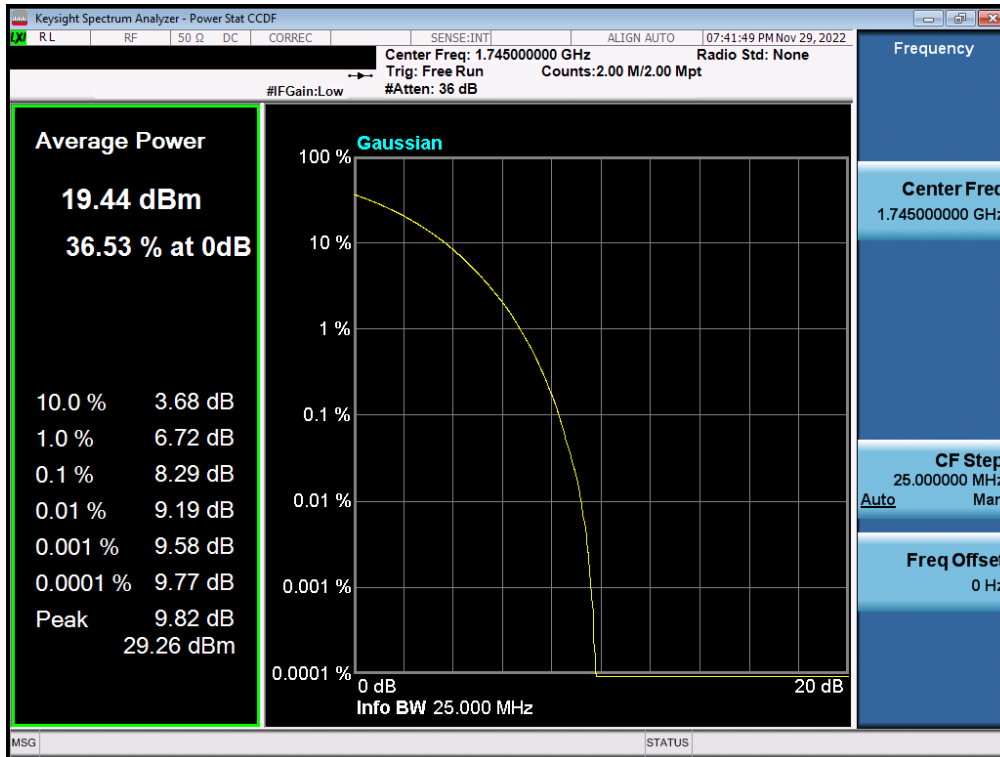


FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 254 of 316



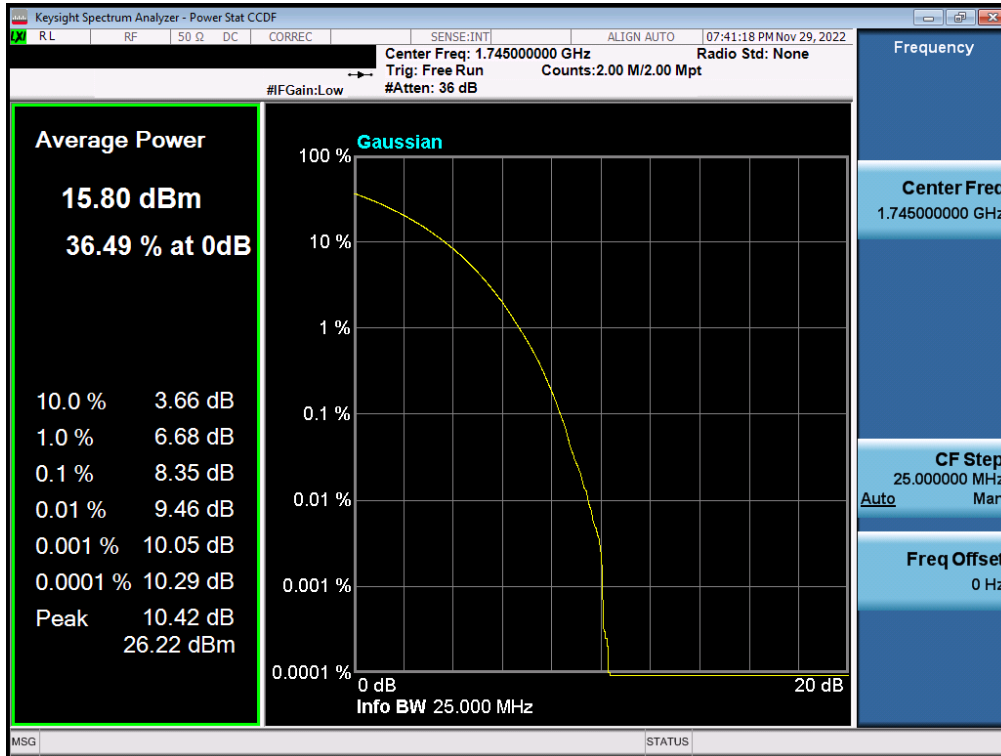


Plot 7-447. PAR Plot (NR Band n66 - 25.0MHz DFT-s-OFDM BPSK - Full RB - Ant F)

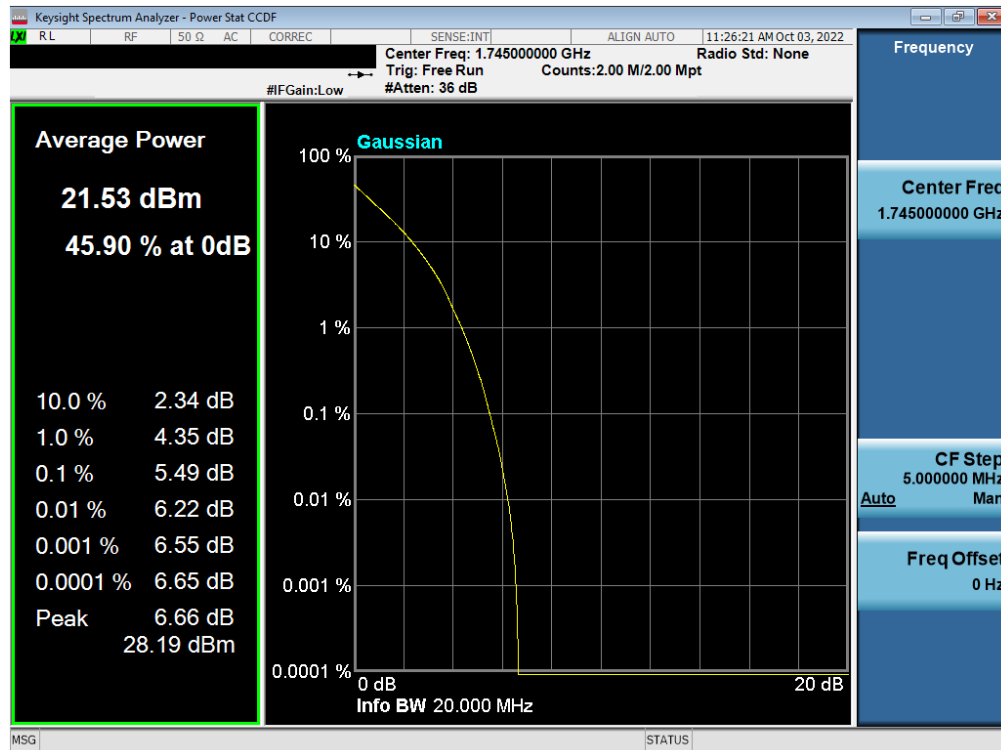


Plot 7-448. PAR Plot (NR Band n66 - 25.0MHz CP-OFDM QPSK - Full RB - Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 255 of 316

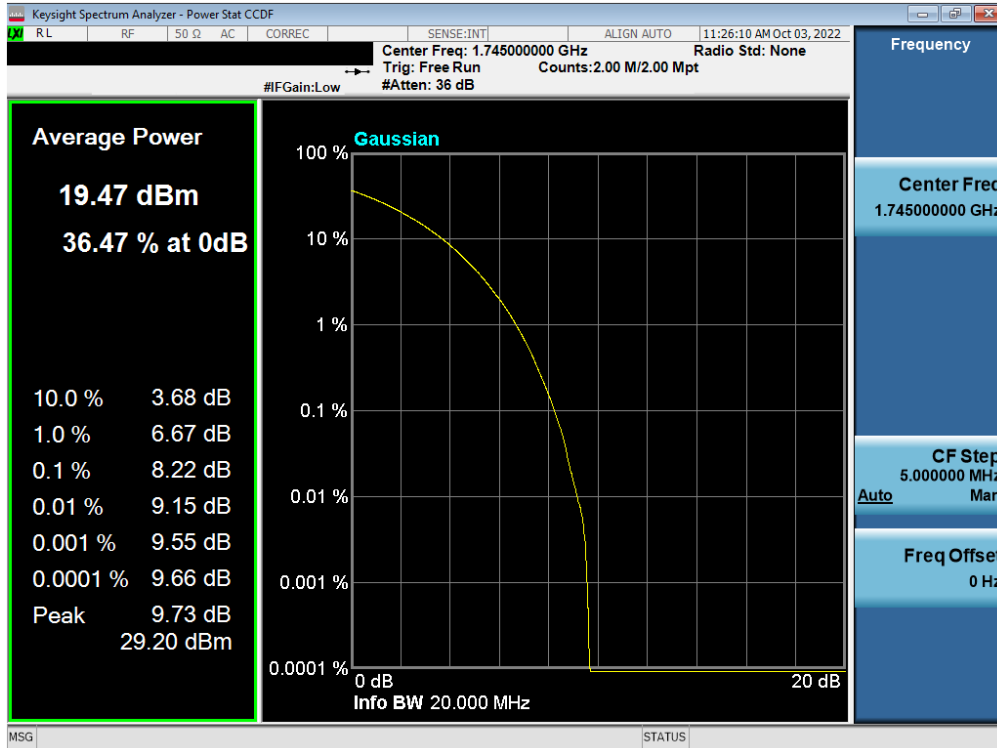


Plot 7-449. PAR Plot (NR Band n66 - 25.0MHz CP-OFDM 256-QAM - Full RB - Ant F)

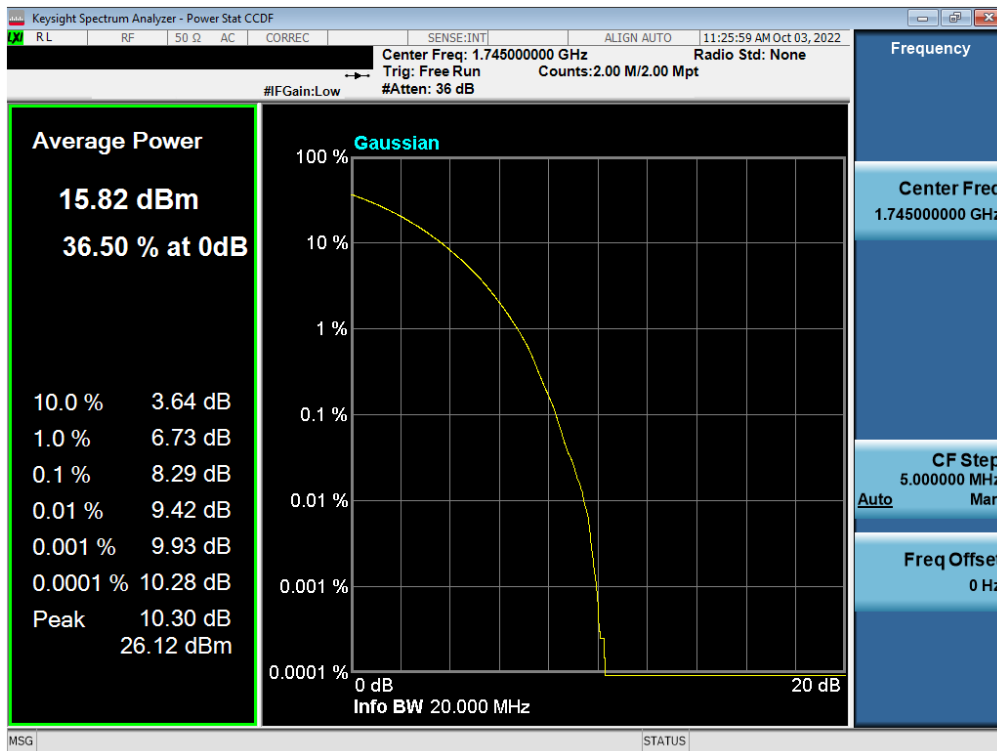


Plot 7-450. PAR Plot (NR Band n66 - 20.0MHz DFT-s-OFDM BPSK - Full RB - Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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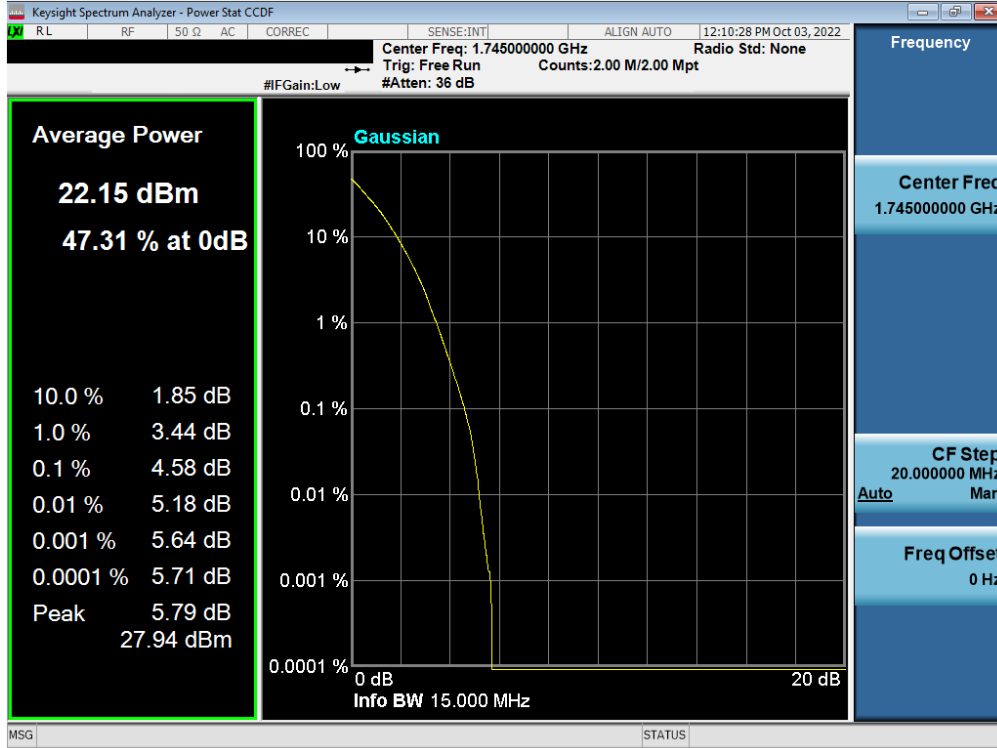


Plot 7-451. PAR Plot (NR Band n66 - 20.0MHz CP-OFDM QPSK - Full RB - Ant F)

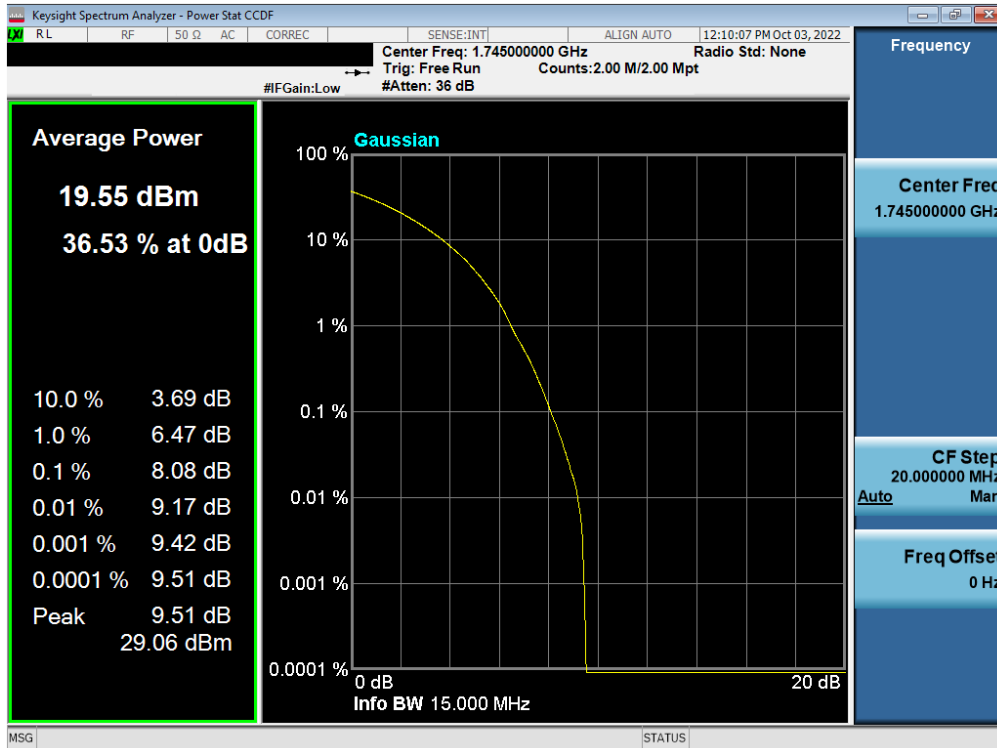


Plot 7-452. PAR Plot (NR Band n66 - 20.0MHz CP-OFDM 256-QAM - Full RB - Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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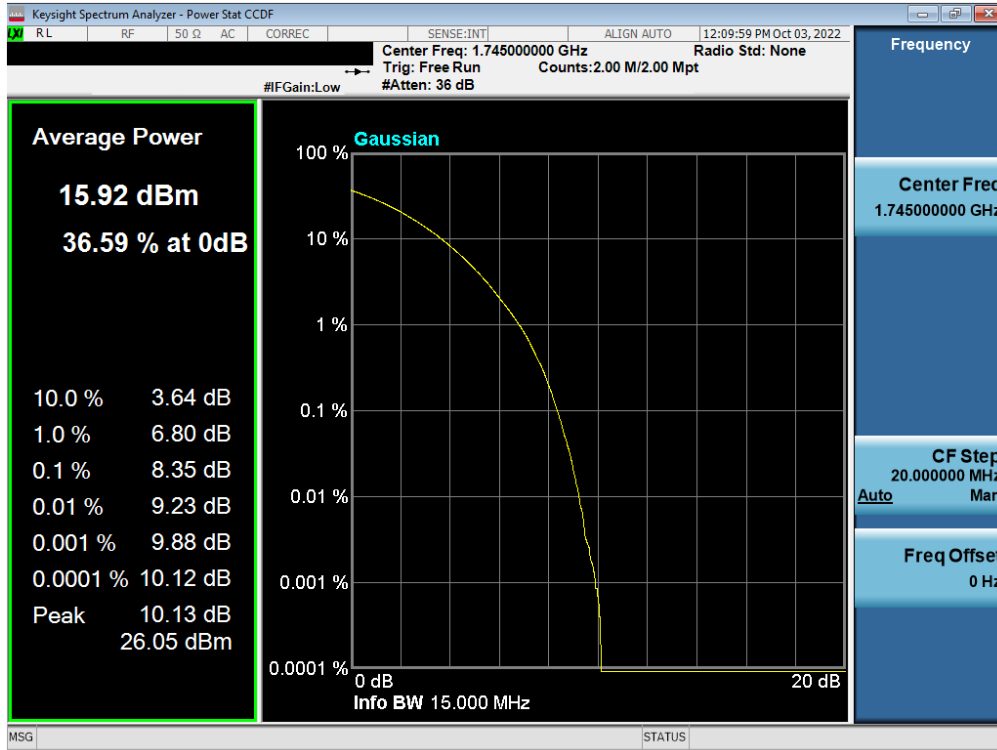


Plot 7-453. PAR Plot (NR Band n66 - 15.0MHz DFT-s-OFDM BPSK - Full RB - Ant F)

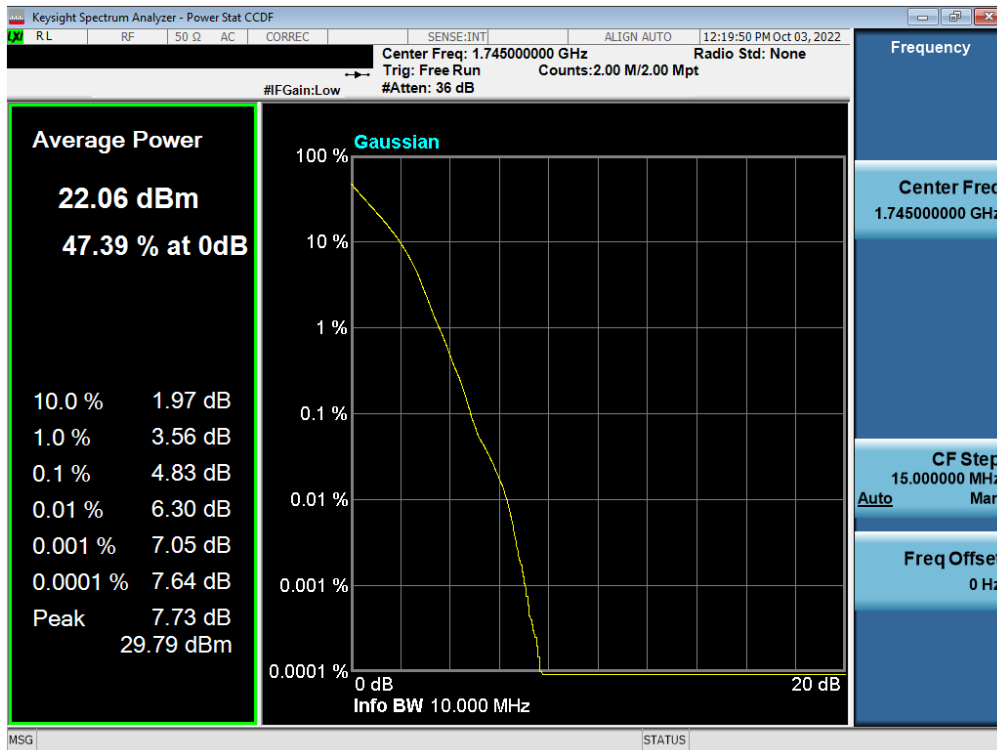


Plot 7-454. PAR Plot (NR Band n66 - 15.0MHz CP-OFDM QPSK - Full RB - Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 258 of 316

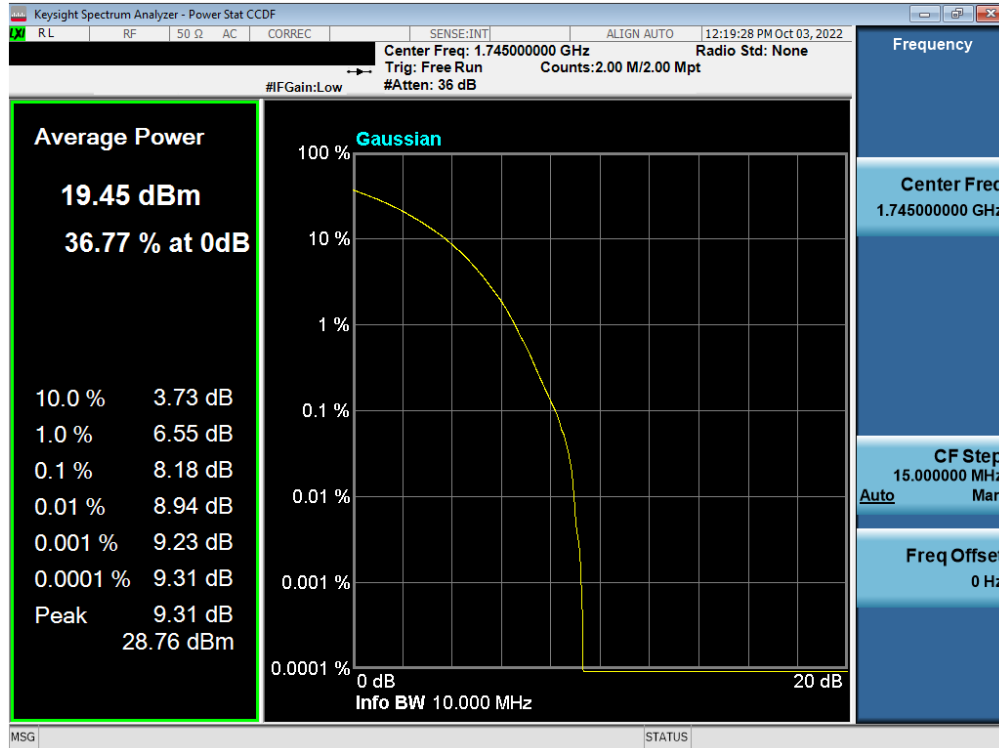


Plot 7-455. PAR Plot (NR Band n66 - 15.0MHz CP-OFDM 256-QAM - Full RB - Ant F)

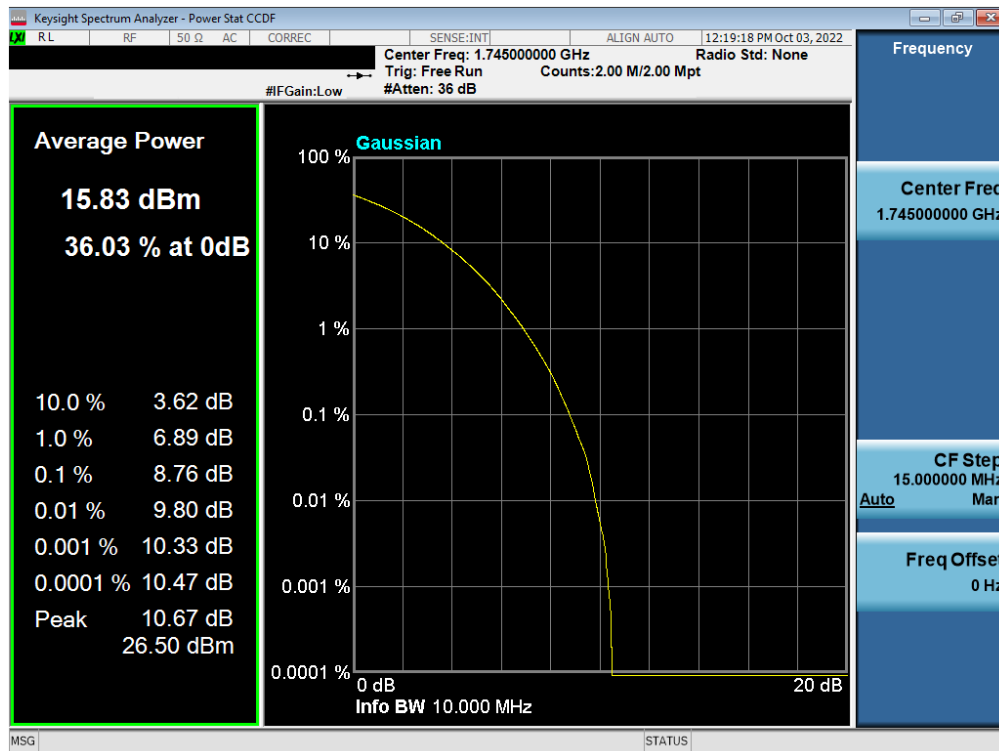


Plot 7-456. PAR Plot (NR Band n66 - 10.0MHz DFT-s-OFDM BPSK - Full RB - Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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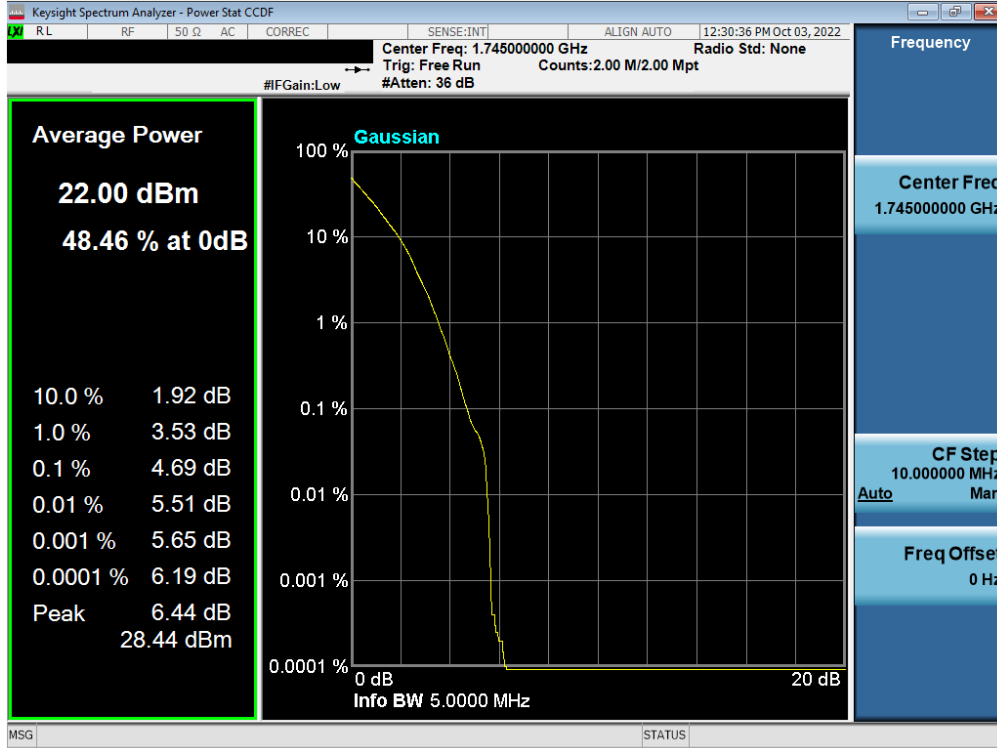


Plot 7-457. PAR Plot (NR Band n66 - 10.0MHz CP-OFDM QPSK - Full RB - Ant F)

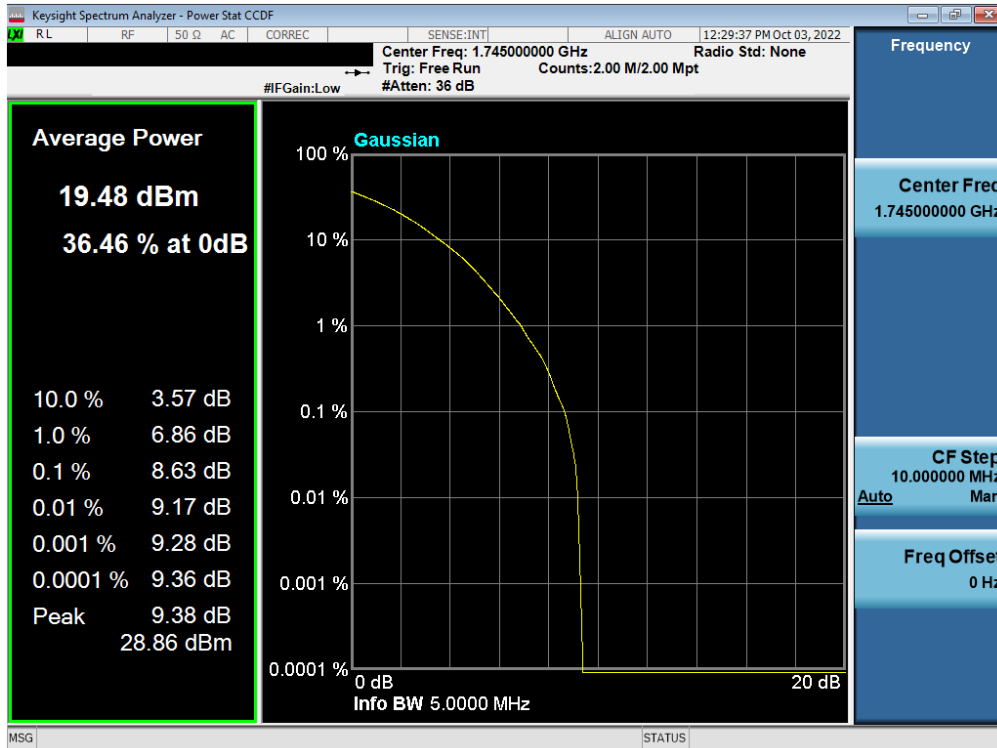


Plot 7-458. PAR Plot (NR Band n66 - 10.0MHz CP-OFDM 256-QAM - Full RB - Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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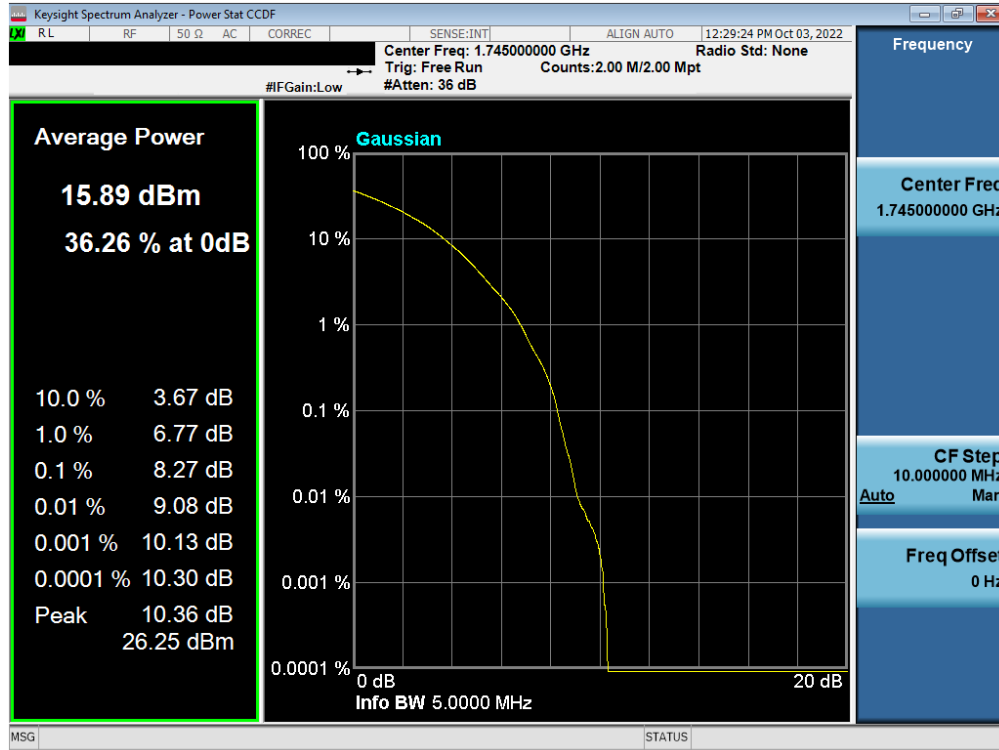


Plot 7-459. PAR Plot (NR Band n66 - 5.0MHz DFT-s-OFDM BPSK - Full RB - Ant F)



Plot 7-460. PAR Plot (NR Band n66 - 5.0MHz CP-OFDM QPSK - Full RB - Ant F)

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Plot 7-461. PAR Plot (NR Band n66 - 5.0MHz CP-OFDM 256-QAM - Full RB - Ant F)

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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

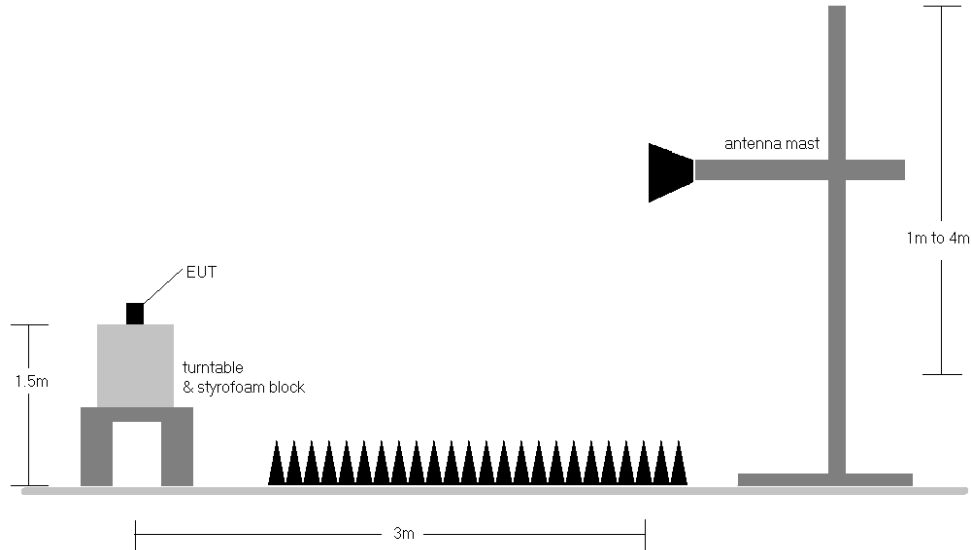
### Test Settings

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

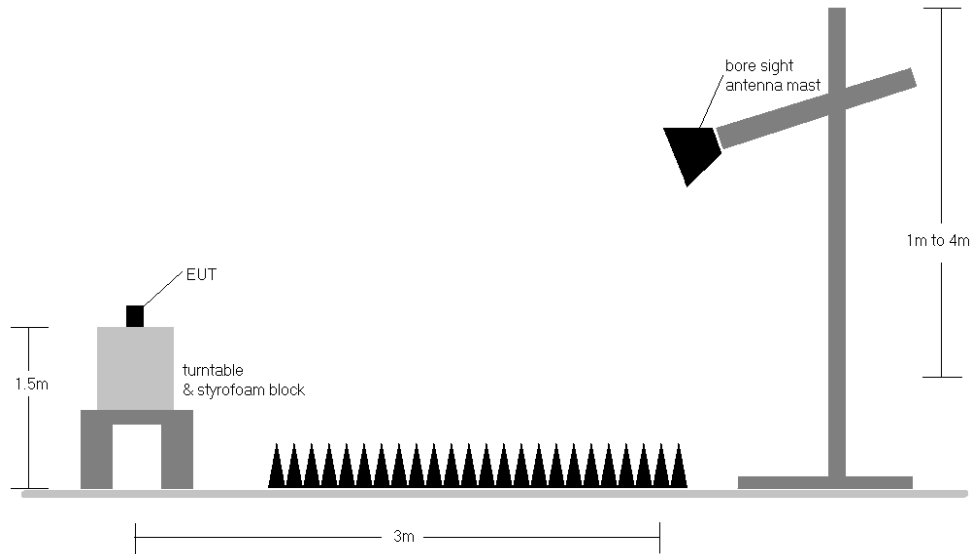
FCC ID: A3LSMS918U	<b>PART 27 MEASUREMENT REPORT</b>		Approved by: Technical Manager
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**Test Setup**

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**

**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	673.00	H	138	309	2.99	1 / 99	16.93	19.92	0.098	36.99	-17.07	17.77	0.060	34.77	-17.00
	QPSK	680.50	H	139	313	3.09	1 / 50	17.08	<b>20.17</b>	0.104	36.99	-16.82	<b>18.02</b>	0.063	34.77	-16.76
	QPSK	688.00	H	144	315	3.08	1 / 0	17.06	20.14	0.103	36.99	-16.85	17.99	0.063	34.77	-16.78
	16-QAM	680.50	H	139	313	3.09	1 / 50	16.58	19.67	0.093	36.99	-17.32	17.52	0.056	34.77	-17.26
15 MHz	QPSK	670.50	H	138	309	2.96	1 / 37	16.87	19.83	0.096	36.99	-17.16	17.68	0.059	34.77	-17.09
	QPSK	680.50	H	139	313	3.09	1 / 74	17.05	20.14	0.103	36.99	-16.85	17.99	0.063	34.77	-16.78
	QPSK	690.50	H	144	315	3.11	1 / 37	17.09	<b>20.21</b>	0.105	36.99	-16.78	<b>18.06</b>	0.064	34.77	-16.72
	16-QAM	680.50	H	139	313	3.09	1 / 37	16.69	19.78	0.095	36.99	-17.21	17.63	0.058	34.77	-17.14
10 MHz	QPSK	668.00	H	138	309	2.92	1 / 49	16.97	19.90	0.098	36.99	-17.09	17.75	0.060	34.77	-17.02
	QPSK	680.50	H	139	313	3.09	1 / 25	17.38	<b>20.46</b>	0.111	36.99	-16.53	<b>18.31</b>	0.068	34.77	-16.46
	QPSK	693.00	H	144	315	3.14	1 / 0	17.26	20.40	0.110	36.99	-16.59	18.25	0.067	34.77	-16.52
	16-QAM	668.00	H	138	309	2.92	1 / 25	16.61	19.53	0.090	36.99	-17.46	17.38	0.055	34.77	-17.39
5 MHz	QPSK	665.50	H	138	309	2.94	1 / 12	16.99	19.94	0.099	36.99	-17.05	17.79	0.060	34.77	-16.98
	QPSK	680.50	H	139	313	3.09	1 / 0	17.30	<b>20.38</b>	0.109	36.99	-16.61	<b>18.23</b>	0.067	34.77	-16.54
	QPSK	695.50	H	144	315	3.18	1 / 24	17.08	20.25	0.106	36.99	-16.74	18.10	0.065	34.77	-16.67
	16-QAM	680.50	H	139	313	3.09	1 / 12	16.68	19.76	0.095	36.99	-17.23	17.61	0.058	34.77	-17.16
20 MHz	Opposite Pol.	680.50	V	160	119	3.09	1 / 50	15.77	18.86	0.077	36.99	-18.13	16.71	0.047	34.77	-18.07
	WCP	680.50	H	101	281	3.09	1 / 50	11.92	15.01	0.032	36.99	-21.98	12.86	0.019	34.77	-21.91

Table 7-15. ERP Data (LTE Band 71 – Ant A)

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	704.00	V	182	134	3.58	1 / 0	16.61	<b>20.19</b>	0.104	36.99	-16.80	<b>18.04</b>	0.064	34.77	-16.73
	QPSK	707.50	V	174	124	3.62	1 / 0	16.37	19.99	0.100	36.99	-17.00	17.84	0.061	34.77	-16.93
	QPSK	711.00	V	150	125	3.67	1 / 49	16.35	20.02	0.100	36.99	-16.97	17.87	0.061	34.77	-16.90
	16-QAM	704.00	V	182	134	3.58	1 / 0	16.03	19.61	0.091	36.99	-17.38	17.46	0.056	34.77	-17.31
5 MHz	QPSK	701.50	V	182	134	3.55	1 / 12	16.77	<b>20.32</b>	0.108	36.99	-16.66	<b>18.17</b>	0.066	34.77	-16.60
	QPSK	707.50	V	174	124	3.62	1 / 12	16.51	20.14	0.103	36.99	-16.85	17.99	0.063	34.77	-16.78
	QPSK	713.50	V	150	125	3.80	1 / 12	16.47	20.26	0.106	36.99	-16.72	18.11	0.065	34.77	-16.66
	16-QAM	701.50	V	182	134	3.55	1 / 12	16.15	19.70	0.093	36.99	-17.29	17.55	0.057	34.77	-17.23
3 MHz	QPSK	700.50	V	182	134	3.54	1 / 7	16.53	<b>20.07</b>	0.102	36.99	-16.92	<b>17.92</b>	0.062	34.77	-16.85
	QPSK	707.50	V	174	124	3.62	1 / 0	16.24	19.87	0.097	36.99	-17.12	17.72	0.059	34.77	-17.06
	QPSK	714.50	V	150	125	3.81	1 / 7	16.16	19.97	0.099	36.99	-17.02	17.82	0.061	34.77	-16.95
	16-QAM	700.50	V	182	134	3.54	1 / 0	15.99	19.53	0.090	36.99	-17.46	17.38	0.055	34.77	-17.39
1.4 MHz	QPSK	699.70	V	182	134	3.53	1 / 0	16.49	<b>20.02</b>	0.100	36.99	-16.97	<b>17.87</b>	0.061	34.77	-16.90
	QPSK	707.50	V	174	124	3.62	1 / 0	16.19	19.81	0.096	36.99	-17.18	17.66	0.058	34.77	-17.11
	QPSK	715.30	V	150	125	3.85	1 / 0	16.03	19.88	0.097	36.99	-17.11	17.73	0.059	34.77	-17.04
	16-QAM	699.70	V	182	134	3.53	1 / 0	15.91	19.43	0.088	36.99	-17.55	17.28	0.054	34.77	-17.49
10 MHz	Opposite Pol.	704.00	H	101	176	3.58	1 / 0	13.71	17.29	0.054	36.99	-19.70	15.14	0.033	34.77	-19.63
	WCP	704.00	V	101	94	3.58	1 / 0	11.88	15.46	0.035	36.99	-21.53	13.31	0.021	34.77	-21.46

Table 7-16. ERP Data (LTE Band 12 – Ant A)

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	782.00	V	250	94	6.09	1 / 49	14.74	<b>20.83</b>	0.121	36.99	-16.16	<b>18.68</b>	0.074	34.77	-16.09
	16-QAM	782.00	V	250	94	6.09	1 / 49	13.80	19.89	0.098	36.99	-17.10	17.74	0.059	34.77	-17.03
5 MHz	QPSK	779.50	V	167	110	5.97	1 / 12	14.51	20.48	0.112	36.99	-16.51	18.33	0.068	34.77	-16.45
	QPSK	782.00	V	240	108	6.09	1 / 24	14.45	20.54	0.113	36.99	-16.45	18.39	0.069	34.77	-16.38
	QPSK	784.50	V	188	136	6.17	1 / 24	14.96	<b>21.13</b>	0.130	36.99	-15.86	<b>18.98</b>	0.079	34.77	-15.79
	16-QAM	784.50	V	188	136	6.17	1 / 12	14.50	20.67	0.117	36.99	-16.32	<b>18.52</b>	0.071	34.77	-16.25
5 MHz	Opposite Pol.	784.50	H	259	360	6.09	1 / 12	11.33	17.42	0.055	36.99	-19.57	15.27	0.034	34.77	-19.50
	WCP	784.50	V	156	64	6.09	1 / 0	11.49	17.58	0.057	36.99	-19.41	15.43	0.035	34.77	-19.34

Table 7-17. ERP Data (LTE Band 13 – Ant A)

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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	673.00	V	153	350	2.89	1 / 79	15.67	18.56	0.072	36.99	-18.43	16.41	0.044	34.77	-18.36
	π/2 BPSK	680.50	V	153	350	3.09	1 / 53	15.77	18.86	0.077	36.99	-18.13	16.71	0.047	34.77	-18.07
	π/2 BPSK	688.00	V	168	362	3.28	1 / 26	16.13	19.41	0.087	36.99	-17.58	17.26	0.053	34.77	-17.51
	QPSK	673.00	V	153	350	2.89	1 / 79	15.50	18.39	0.069	36.99	-18.60	16.24	0.042	34.77	-18.53
	QPSK	680.50	V	153	350	3.09	1 / 53	15.59	18.68	0.074	36.99	-18.31	16.53	0.045	34.77	-18.25
	QPSK	688.00	V	168	362	3.28	1 / 26	16.14	19.42	0.088	36.99	-17.57	17.27	0.053	34.77	-17.50
	16-QAM	688.00	V	168	362	3.28	1 / 26	15.11	18.39	0.069	36.99	-18.60	16.24	0.042	34.77	-18.53
15 MHz	π/2 BPSK	670.50	V	153	350	2.76	1 / 58	15.73	18.49	0.071	36.99	-18.50	16.34	0.043	34.77	-18.43
	π/2 BPSK	680.50	V	153	350	3.09	1 / 20	15.85	18.73	0.075	36.99	-18.26	16.58	0.046	34.77	-18.19
	π/2 BPSK	690.50	V	168	362	3.31	1 / 58	16.19	19.51	0.089	36.99	-17.48	17.36	0.054	34.77	-17.42
	QPSK	670.50	V	153	350	2.76	1 / 58	15.73	18.49	0.071	36.99	-18.50	16.34	0.043	34.77	-18.43
	QPSK	680.50	V	153	350	3.09	1 / 39	15.57	18.66	0.073	36.99	-18.33	16.51	0.045	34.77	-18.26
	QPSK	690.50	V	168	362	3.31	1 / 58	16.07	19.38	0.087	36.99	-17.61	17.23	0.053	34.77	-17.54
	16-QAM	690.50	V	168	362	3.31	1 / 58	15.06	18.37	0.069	36.99	-18.62	16.22	0.042	34.77	-18.55
10 MHz	π/2 BPSK	688.00	V	153	350	2.72	1 / 26	15.74	18.47	0.070	36.99	-18.52	16.32	0.043	34.77	-18.45
	π/2 BPSK	680.50	V	153	350	3.09	1 / 38	15.79	18.88	0.077	36.99	-18.11	16.73	0.047	34.77	-18.05
	π/2 BPSK	693.00	V	168	362	3.44	1 / 26	15.94	19.38	0.087	36.99	-17.61	17.23	0.053	34.77	-17.54
	QPSK	688.00	V	153	350	2.72	1 / 13	15.76	18.49	0.071	36.99	-18.50	16.34	0.043	34.77	-18.44
	QPSK	680.50	V	153	350	3.09	1 / 38	15.51	18.59	0.072	36.99	-18.40	16.44	0.044	34.77	-18.33
	QPSK	693.00	V	168	362	3.44	1 / 26	16.04	19.48	0.089	36.99	-17.51	17.33	0.054	34.77	-17.44
	16-QAM	693.00	V	168	362	3.44	1 / 38	14.73	18.17	0.066	36.99	-18.82	16.02	0.040	34.77	-18.75
5 MHz	π/2 BPSK	685.50	V	153	350	2.59	1 / 12	16.01	18.61	0.073	36.99	-18.38	16.46	0.044	34.77	-18.32
	π/2 BPSK	680.50	V	153	350	3.09	1 / 12	15.65	18.74	0.075	36.99	-18.25	16.59	0.046	34.77	-18.18
	π/2 BPSK	695.50	V	168	362	3.48	1 / 12	15.75	19.23	0.084	36.99	-17.76	17.08	0.051	34.77	-17.70
	QPSK	685.50	V	153	350	2.59	1 / 18	15.80	18.40	0.069	36.99	-18.59	16.25	0.042	34.77	-18.53
	QPSK	680.50	V	153	350	3.09	1 / 18	15.47	18.55	0.072	36.99	-18.44	16.40	0.044	34.77	-18.37
	QPSK	695.50	V	168	362	3.48	1 / 12	15.95	19.43	0.088	36.99	-17.56	17.28	0.053	34.77	-17.49
	16-QAM	695.50	V	168	362	3.48	1 / 18	14.73	18.21	0.066	36.99	-18.78	16.06	0.040	34.77	-18.71
20 MHz	QPSK (CP-OFDM)	688.00	V	168	352	3.28	1 / 26	14.37	17.65	0.058	36.99	-19.34	15.50	0.035	34.77	-19.27
	QPSK (Opposite Pol.)	688.00	H	133	80	3.28	1 / 26	13.87	17.15	0.052	36.99	-19.84	15.00	0.032	34.77	-19.77
	QPSK (WCP)	688.00	V	168	352	3.28	1 / 26	6.66	9.94	0.010	36.99	-27.05	7.79	0.006	34.77	-26.98

Table 7-18. EIRP Data (NR Band n71 – Ant A)

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]
15 MHz	π/2 BPSK	706.50	V	146	134	3.61	1 / 58	15.81	19.42	0.088	36.99	-17.57	17.27	0.053	34.77	-17.50
	π/2 BPSK	707.50	V	149	136	3.62	1 / 58	16.06	19.68	0.093	36.99	-17.31	17.53	0.057	34.77	-17.24
	π/2 BPSK	708.50	V	146	140	3.64	1 / 58	15.59	19.23	0.084	36.99	-17.76	17.08	0.051	34.77	-17.70
	QPSK	706.50	V	146	134	3.61	1 / 58	15.70	19.31	0.085	36.99	-17.68	17.16	0.052	34.77	-17.61
	QPSK	707.50	V	149	136	3.62	1 / 58	15.99	19.61	0.091	36.99	-17.38	17.46	0.056	34.77	-17.31
	QPSK	708.50	V	146	140	3.64	1 / 58	15.61	19.25	0.084	36.99	-17.74	17.10	0.051	34.77	-17.68
	16-QAM	707.50	V	149	136	3.62	1 / 58	15.09	18.71	0.074	36.99	-18.28	16.56	0.045	34.77	-18.21
10 MHz	π/2 BPSK	704.00	V	146	134	3.58	1 / 38	15.79	19.37	0.086	36.99	-17.62	17.22	0.053	34.77	-17.55
	π/2 BPSK	707.50	V	149	136	3.62	1 / 13	15.92	19.54	0.090	36.99	-17.45	17.39	0.055	34.77	-17.38
	π/2 BPSK	711.00	V	146	140	3.67	1 / 38	15.49	19.16	0.082	36.99	-17.83	17.01	0.050	34.77	-17.77
	QPSK	704.00	V	146	134	3.58	1 / 26	15.46	19.04	0.080	36.99	-17.95	16.89	0.049	34.77	-17.88
	QPSK	707.50	V	149	136	3.62	1 / 38	15.76	19.38	0.087	36.99	-17.95	17.23	0.053	34.77	-17.54
	QPSK	711.00	V	146	140	3.67	1 / 26	15.37	19.04	0.080	36.99	-17.95	16.89	0.049	34.77	-17.89
	16-QAM	711.00	V	146	140	3.67	1 / 38	14.89	18.56	0.072	36.99	-18.43	16.41	0.044	34.77	-18.37
5 MHz	π/2 BPSK	701.50	V	146	134	3.55	1 / 18	15.72	19.27	0.084	36.99	-17.72	17.12	0.051	34.77	-17.65
	π/2 BPSK	707.50	V	149	136	3.62	1 / 18	16.03	19.65	0.092	36.99	-17.33	17.50	0.056	34.77	-17.27
	π/2 BPSK	713.50	V	146	140	3.80	1 / 18	15.32	19.11	0.082	36.99	-17.88	16.96	0.050	34.77	-17.81
	QPSK	701.50	V	146	134	3.55	1 / 18	15.67	19.22	0.084	36.99	-17.77	17.07	0.051	34.77	-17.70
	QPSK	707.50	V	149	136	3.62	1 / 18	15.66	19.28	0.085	36.99	-17.71	17.13	0.052	34.77	-17.64
	QPSK	713.50	V	146	140	3.80	1 / 12	15.48	19.28	0.085	36.99	-17.71	17.13	0.052	34.77	-17.64
	16-QAM	707.50	V	149	136	3.62	1 / 12	15.02	18.65	0.073	36.99	-18.34	16.50	0.045	34.77	-18.27
15 MHz	QPSK (CP-OFDM)	707.50	V	149	136	3.62	1/58	14.38	18.00	0.063	36.99	-18.99	15.85	0.038	34.77	-18.92
	QPSK (Opposite Pol.)	707.50	H	257	15	3.52	1/58	13.94	17.46	0.056	36.99	-19.53	15.31	0.034	34.77	-19.46
	QPSK (WCP)	707.50	V	149	136	3.62	1/58	5.92	9.54	0.009	36.99	-27.45	7.39	0.005	34.77	-27.38

Table 7-19. EIRP Data (NR Band n12 – Ant A)

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	126	207	13.93	9.47	23.40	0.219	30.00	-6.60
1732.60	WCDMA1700	V	139	216	15.95	9.15	25.10	0.324	30.00	-4.90
1752.60	WCDMA1700	V	138	209	15.18	9.05	24.23	0.265	30.00	-5.77
1732.60	WCDMA1700	H	121	175	15.16	9.49	24.65	0.291	30.00	-5.35
1732.60	WCDMA1700 (WCP)	V	114	318	12.17	9.15	21.32	0.136	30.00	-8.68

Table 7-20. EIRP Data (WCDMA AWS – Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT				Approved by: Technical Manager	
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 266 of 316			



Bandwidth	Mod.	Frequency [MHz]	Ant. Pol. [H/V]	EUT Pol.	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	Y	128	320	9.33	1 / 99	13.52	22.85	0.193	30.00	-7.15
	QPSK	1745.00	V	Y	115	320	9.03	1 / 50	14.28	<b>23.31</b>	0.214	30.00	-6.69
	QPSK	1770.00	V	Y	146	209	9.10	1 / 50	14.12	23.22	0.210	30.00	-6.78
	16-QAM	1745.00	V	Y	115	320	9.03	1 / 50	13.59	22.62	0.183	30.00	-7.38
15 MHz	QPSK	1717.50	V	Y	128	320	9.38	1 / 74	13.51	22.89	0.195	30.00	-7.11
	QPSK	1745.00	V	Y	115	320	9.03	1 / 0	14.36	<b>23.39</b>	0.218	30.00	-6.61
	QPSK	1772.50	V	Y	146	209	9.11	1 / 74	14.26	23.38	0.218	30.00	-6.62
	16-QAM	1772.50	V	Y	146	209	9.11	1 / 37	13.62	22.73	0.188	30.00	-7.27
10 MHz	QPSK	1715.00	V	Y	128	320	9.42	1 / 49	13.56	22.98	0.199	30.00	-7.02
	QPSK	1745.00	V	Y	115	320	9.03	1 / 0	14.40	<b>23.43</b>	0.220	30.00	-6.57
	QPSK	1775.00	V	Y	146	209	9.13	1 / 49	14.28	23.41	0.219	30.00	-6.59
	16-QAM	1745.00	V	Y	115	320	9.03	1 / 0	14.05	23.08	0.203	30.00	-6.92
5 MHz	QPSK	1712.50	V	Y	128	320	9.47	1 / 0	13.41	22.88	0.194	30.00	-7.12
	QPSK	1745.00	V	Y	115	320	9.03	1 / 12	14.44	23.47	0.222	30.00	-6.53
	QPSK	1777.50	V	Y	146	209	9.15	1 / 24	14.39	<b>23.54</b>	0.226	30.00	-6.46
	16-QAM	1745.00	V	Y	115	320	9.03	1 / 12	13.90	22.94	0.197	30.00	-7.06
3 MHz	QPSK	1711.50	V	Y	128	320	9.49	1 / 0	13.45	22.93	0.196	30.00	-7.07
	QPSK	1745.00	V	Y	115	320	9.03	1 / 0	14.26	23.30	0.214	30.00	-6.70
	QPSK	1778.50	V	Y	146	209	9.15	1 / 14	14.33	<b>23.48</b>	0.223	30.00	-6.52
	16-QAM	1778.50	V	Y	146	209	9.15	1 / 7	13.65	22.80	0.191	30.00	-7.20
1.4 MHz	QPSK	1710.70	V	Y	128	320	9.50	1 / 3	12.95	22.45	0.176	30.00	-7.55
	QPSK	1745.00	V	Y	115	320	9.03	1 / 3	14.01	23.04	0.201	30.00	-6.96
	QPSK	1779.30	V	Y	146	209	9.16	1 / 5	13.96	<b>23.12</b>	0.205	30.00	-6.88
	16-QAM	1745.00	V	Y	115	320	9.03	1 / 3	13.45	22.48	0.177	30.00	-7.52
20 MHz	Opposite Pol.	1745.00	H	X	179	155	9.48	1/0	12.91	22.39	0.173	30.00	-7.61
	WCP	1745.00	V	Y	115	320	9.03	1/0	10.72	19.75	0.094	30.00	-10.25

Table 7-21. EIRP Data (LTE Band 66/4 – Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 267 of 316



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	149	326	9.20	1 / 108	15.02	<b>24.22</b>	0.264	30.00	-5.78
	$\pi/2$ BPSK	1745.00	V	149	318	9.03	1 / 108	14.94	23.97	0.250	30.00	-6.03
	$\pi/2$ BPSK	1760.00	V	139	205	9.08	1 / 161	14.54	23.62	0.230	30.00	-6.38
	QPSK	1730.00	V	149	326	9.20	1 / 108	14.69	23.89	0.245	30.00	-6.11
	QPSK	1745.00	V	149	318	9.03	1 / 108	14.98	24.01	0.252	30.00	-5.99
	QPSK	1760.00	V	139	205	9.08	1 / 161	14.41	23.49	0.224	30.00	-6.51
30 MHz	16-QAM	1745.00	V	149	318	9.03	1 / 108	14.20	23.23	0.211	30.00	-6.77
	$\pi/2$ BPSK	1725.00	V	149	326	9.26	1 / 80	14.99	<b>24.26</b>	0.266	30.00	-5.74
	$\pi/2$ BPSK	1745.00	V	149	318	9.03	1 / 80	15.00	24.03	0.253	30.00	-5.97
	$\pi/2$ BPSK	1765.00	V	139	205	9.09	1 / 80	14.65	23.74	0.237	30.00	-6.26
	QPSK	1725.00	V	149	326	9.26	1 / 80	14.80	24.07	0.255	30.00	-5.93
	QPSK	1745.00	V	149	318	9.03	1 / 80	14.97	24.00	0.251	30.00	-6.00
25 MHz	QPSK	1765.00	V	139	205	9.09	1 / 80	14.57	23.66	0.232	30.00	-6.34
	16-QAM	1725.00	V	149	326	9.26	1 / 80	13.96	23.22	0.210	30.00	-6.78
	$\pi/2$ BPSK	1722.5	V	149	326	9.30	1 / 99	15.38	<b>24.67</b>	0.293	30.00	-5.33
	$\pi/2$ BPSK	1745.0	V	149	318	9.03	1 / 99	15.24	24.28	0.268	30.00	-5.72
	$\pi/2$ BPSK	1767.5	V	139	205	9.09	1 / 99	14.84	23.93	0.247	30.00	-6.07
	QPSK	1722.5	V	149	326	9.26	1 / 99	14.89	24.15	0.260	30.00	-5.85
20 MHz	QPSK	1745.0	V	149	318	9.03	1 / 99	15.04	24.08	0.256	30.00	-5.92
	QPSK	1767.5	V	139	205	9.09	1 / 99	14.64	23.73	0.236	30.00	-6.27
	16-QAM	1722.5	V	149	326	9.26	1 / 99	14.18	23.45	0.221	30.00	-6.55
	$\pi/2$ BPSK	1720.00	V	149	326	9.33	1 / 26	14.96	<b>24.29</b>	0.269	30.00	-5.71
	$\pi/2$ BPSK	1745.00	V	149	318	9.03	1 / 26	14.96	24.00	0.251	30.00	-6.00
	$\pi/2$ BPSK	1770.00	V	139	205	9.10	1 / 79	14.60	23.70	0.234	30.00	-6.30
15 MHz	QPSK	1720.00	V	149	326	9.33	1 / 26	14.75	24.08	0.256	30.00	-5.92
	QPSK	1745.00	V	149	318	9.03	1 / 26	14.88	23.91	0.246	30.00	-6.09
	QPSK	1770.00	V	139	205	9.10	1 / 79	14.53	23.62	0.230	30.00	-6.38
	16-QAM	1720.00	V	149	326	9.33	1 / 26	13.88	23.21	0.209	30.00	-6.79
	$\pi/2$ BPSK	1717.50	V	149	326	9.38	1 / 58	14.85	<b>24.23</b>	0.265	30.00	-5.77
	$\pi/2$ BPSK	1745.00	V	149	318	9.03	1 / 58	14.98	24.01	0.252	30.00	-5.99
10 MHz	$\pi/2$ BPSK	1772.50	V	139	205	9.11	1 / 20	14.63	23.75	0.237	30.00	-6.25
	QPSK	1717.50	V	149	326	9.38	1 / 58	14.74	24.11	0.258	30.00	-5.89
	QPSK	1745.00	V	149	318	9.03	1 / 58	14.94	23.97	0.250	30.00	-6.03
	QPSK	1772.50	V	139	205	9.11	1 / 20	14.49	23.60	0.229	30.00	-6.40
	16-QAM	1717.50	V	149	326	9.38	1 / 58	14.16	23.54	0.226	30.00	-6.46
	$\pi/2$ BPSK	1715.00	V	149	326	9.42	1 / 26	14.80	<b>24.23</b>	0.265	30.00	-5.77
5 MHz	$\pi/2$ BPSK	1745.00	V	149	318	9.03	1 / 38	14.85	23.88	0.244	30.00	-6.12
	$\pi/2$ BPSK	1775.00	V	139	205	9.13	1 / 26	14.59	23.72	0.235	30.00	-6.28
	QPSK	1715.00	V	149	326	9.42	1 / 26	14.61	24.03	0.253	30.00	-5.97
	QPSK	1745.00	V	149	318	9.03	1 / 38	14.74	23.77	0.238	30.00	-6.23
	QPSK	1775.00	V	139	205	9.13	1 / 26	14.44	23.57	0.228	30.00	-6.43
	16-QAM	1715.00	V	149	326	9.42	1 / 26	13.64	23.06	0.202	30.00	-6.94
40 MHz	$\pi/2$ BPSK	1712.50	V	149	326	9.47	1 / 18	14.68	<b>24.15</b>	0.260	30.00	-5.85
	$\pi/2$ BPSK	1745.00	V	149	318	9.03	1 / 6	14.78	23.81	0.240	30.00	-6.19
	$\pi/2$ BPSK	1777.50	V	139	205	9.15	1 / 6	14.49	23.64	0.231	30.00	-6.36
	QPSK	1712.50	V	149	326	9.47	1 / 18	14.40	23.86	0.243	30.00	-6.14
	QPSK	1745.00	V	149	318	9.03	1 / 6	14.74	23.78	0.239	30.00	-6.22
	QPSK	1777.50	V	139	205	9.15	1 / 6	14.44	23.59	0.228	30.00	-6.41
40 MHz	16-QAM	1712.50	V	149	326	9.47	1 / 18	13.70	23.17	0.207	30.00	-6.83
	QPSK (CP-OFDM)	1730.00	V	149	326	9.20	1/108	13.57	22.77	0.189	30.00	-7.23
	QPSK (Opposite Pol.)	1730.00	H	127	161	9.20	1/161	13.51	22.71	0.186	30.00	-7.29
	QPSK (WCP)	1730.00	V	149	326	9.20	1/108	9.83	19.03	0.080	30.00	-10.97

Table 7-22. EIRP Data (NR Band n66 – Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 268 of 316



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	230	346	9.47	1 / 99	11.42	20.89	0.123	30.00	-9.11
	QPSK	1745.00	H	229	350	9.48	1 / 50	12.17	<b>21.65</b>	0.146	30.00	-8.35
	QPSK	1770.00	H	222	348	9.39	1 / 0	10.55	19.94	0.099	30.00	-10.06
	16-QAM	1745.00	H	229	350	9.48	1 / 50	11.93	21.41	0.138	30.00	-8.59
15 MHz	QPSK	1717.50	H	230	346	9.49	1 / 74	11.48	20.97	0.125	30.00	-9.03
	QPSK	1745.00	H	229	350	9.48	1 / 0	12.27	<b>21.75</b>	0.150	30.00	-8.25
	QPSK	1772.50	H	222	348	9.36	1 / 0	10.60	19.96	0.099	30.00	-10.04
	16-QAM	1745.00	H	229	350	9.48	1 / 0	11.94	21.42	0.139	30.00	-8.58
10 MHz	QPSK	1715.00	H	230	346	9.52	1 / 49	11.41	20.92	0.124	30.00	-9.08
	QPSK	1745.00	H	229	350	9.48	1 / 0	12.27	<b>21.75</b>	0.150	30.00	-8.25
	QPSK	1775.00	H	222	348	9.34	1 / 25	10.84	20.18	0.104	30.00	-9.82
	16-QAM	1745.00	H	229	350	9.48	1 / 0	12.20	21.68	0.147	30.00	-8.32
5 MHz	QPSK	1712.50	H	230	346	9.54	1 / 0	11.55	21.09	0.128	30.00	-8.91
	QPSK	1745.00	H	229	350	9.48	1 / 12	12.40	<b>21.88</b>	0.154	30.00	-8.12
	QPSK	1777.50	H	222	348	9.31	1 / 12	10.86	20.17	0.104	30.00	-9.83
	16-QAM	1745.00	H	229	350	9.48	1 / 12	12.34	21.82	0.152	30.00	-8.18
3 MHz	QPSK	1711.50	H	230	346	9.55	1 / 14	11.52	21.08	0.128	30.00	-8.92
	QPSK	1745.00	H	229	350	9.48	1 / 7	12.29	21.77	0.150	30.00	-8.23
	QPSK	1778.50	H	222	348	9.30	1 / 7	10.80	20.10	0.102	30.00	-9.90
	16-QAM	1745.00	H	229	350	9.48	1 / 7	12.31	<b>21.79</b>	0.151	30.00	-8.21
1.4 MHz	QPSK	1710.70	H	230	346	9.56	1 / 3	11.51	21.07	0.128	30.00	-8.93
	QPSK	1745.00	H	229	350	9.48	1 / 3	12.36	<b>21.84</b>	0.153	30.00	-8.16
	QPSK	1779.30	H	222	348	9.29	1 / 3	10.96	20.25	0.106	30.00	-9.75
	16-QAM	1745.00	H	229	350	9.48	1 / 3	12.24	21.72	0.148	30.00	-8.28
20 MHz	Opposite Pol.	1745.00	V	146	345	9.48	1 / 50	8.74	18.22	0.066	30.00	-11.78
	WCP	1745.00	H	108	343	9.48	1 / 50	-20.01	-10.53	0.000	30.00	-40.53

Table 7-23. EIRP Data (LTE Band 66/4 – Ant F)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
Test Report S/N: 1M2209010098-08-R1.A3L	Test Dates: 9/12/2022 - 11/08/2022	EUT Type: Portable Handset	Page 269 of 316



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	150	2	9.20	1 / 161	12.97	<b>22.17</b>	0.165	30.00	-7.83
	$\pi/2$ BPSK	1745.00	V	150	0	9.03	1 / 54	13.10	22.13	0.163	30.00	-7.87
	$\pi/2$ BPSK	1760.00	V	153	358	9.08	1 / 54	12.36	21.44	0.139	30.00	-8.56
	QPSK	1730.00	V	150	2	9.20	1 / 161	12.91	22.11	0.162	30.00	-7.89
	QPSK	1745.00	V	150	0	9.03	1 / 54	13.02	22.05	0.160	30.00	-7.95
	QPSK	1760.00	V	153	358	9.08	1 / 54	12.32	21.40	0.138	30.00	-8.60
30 MHz	16-QAM	1730.00	V	150	2	9.20	1 / 161	11.97	21.17	0.131	30.00	-8.83
	$\pi/2$ BPSK	1725.00	V	150	2	9.26	1 / 40	12.95	22.21	0.166	30.00	-7.79
	$\pi/2$ BPSK	1745.00	V	150	0	9.03	1 / 80	12.92	22.15	0.157	30.00	-8.05
	$\pi/2$ BPSK	1765.00	V	153	358	9.09	1 / 119	12.26	21.35	0.136	30.00	-8.65
	QPSK	1725.00	V	150	2	9.26	1 / 40	13.09	<b>22.35</b>	0.172	30.00	-7.65
	QPSK	1745.00	V	150	0	9.03	1 / 80	12.99	22.02	0.159	30.00	-7.98
25 MHz	QPSK	1765.00	V	153	358	9.09	1 / 80	12.03	21.12	0.129	30.00	-8.88
	16-QAM	1745.00	V	150	0	9.03	1 / 40	12.11	21.14	0.130	30.00	-8.86
	$\pi/2$ BPSK	1722.50	V	150	2	9.30	1 / 33	13.09	<b>22.39</b>	0.173	30.00	-7.61
	$\pi/2$ BPSK	1745.00	V	150	0	9.03	1 / 33	13.02	22.05	0.160	30.00	-7.95
	$\pi/2$ BPSK	1767.50	V	153	358	9.09	1 / 33	12.04	21.14	0.130	30.00	-8.86
	QPSK	1722.50	V	150	2	9.26	1 / 33	12.89	22.16	0.164	30.00	-7.84
20 MHz	QPSK	1745.00	V	150	0	9.03	1 / 33	12.75	21.78	0.151	30.00	-8.22
	QPSK	1767.50	V	153	358	9.09	1 / 33	11.93	21.02	0.126	30.00	-8.98
	16-QAM	1722.50	V	150	2	9.26	1 / 33	12.04	21.30	0.135	30.00	-8.70
	$\pi/2$ BPSK	1720.00	V	150	2	9.33	1 / 79	12.81	22.14	0.164	30.00	-7.86
	$\pi/2$ BPSK	1745.00	V	150	0	9.03	1 / 26	12.96	22.00	0.158	30.00	-8.00
	$\pi/2$ BPSK	1770.00	V	153	358	9.10	1 / 79	12.35	21.45	0.140	30.00	-8.55
15 MHz	QPSK	1720.00	V	150	2	9.33	1 / 26	12.93	<b>22.26</b>	0.168	30.00	-7.74
	QPSK	1745.00	V	150	0	9.03	1 / 26	12.91	21.94	0.156	30.00	-8.06
	QPSK	1770.00	V	153	358	9.10	1 / 79	12.17	21.27	0.134	30.00	-8.73
	16-QAM	1720.00	V	150	2	9.33	1 / 26	12.00	21.33	0.136	30.00	-8.67
	$\pi/2$ BPSK	1717.50	V	150	2	9.38	1 / 58	12.90	22.28	0.169	30.00	-7.72
	$\pi/2$ BPSK	1745.00	V	150	0	9.03	1 / 58	13.02	22.06	0.161	30.00	-7.94
10 MHz	$\pi/2$ BPSK	1772.50	V	153	358	9.11	1 / 39	12.42	21.53	0.142	30.00	-8.47
	QPSK	1717.50	V	150	2	9.38	1 / 58	12.91	<b>22.28</b>	0.169	30.00	-7.72
	QPSK	1745.00	V	150	0	9.03	1 / 39	12.88	21.91	0.155	30.00	-8.09
	QPSK	1772.50	V	153	358	9.11	1 / 20	12.28	21.39	0.138	30.00	-8.61
	16-QAM	1717.50	V	150	2	9.38	1 / 58	12.07	21.45	0.140	30.00	-8.55
	$\pi/2$ BPSK	1715.00	V	150	2	9.42	1 / 26	13.02	<b>22.44</b>	0.175	30.00	-7.56
5 MHz	$\pi/2$ BPSK	1745.00	V	150	0	9.03	1 / 38	12.81	21.84	0.153	30.00	-8.16
	$\pi/2$ BPSK	1775.00	V	153	358	9.13	1 / 26	12.24	21.37	0.137	30.00	-8.63
	QPSK	1715.00	V	150	2	9.42	1 / 38	12.78	22.21	0.166	30.00	-7.79
	QPSK	1745.00	V	150	0	9.03	1 / 26	12.91	21.95	0.157	30.00	-8.05
	QPSK	1775.00	V	153	358	9.13	1 / 26	12.11	21.24	0.133	30.00	-8.76
	16-QAM	1715.00	V	150	2	9.42	1 / 26	11.94	21.36	0.137	30.00	-8.64
40 MHz	$\pi/2$ BPSK	1712.50	V	150	2	9.47	1 / 12	12.78	<b>22.24</b>	0.168	30.00	-7.76
	$\pi/2$ BPSK	1745.00	V	150	0	9.03	1 / 18	12.93	21.97	0.157	30.00	-8.03
	$\pi/2$ BPSK	1777.50	V	153	358	9.15	1 / 18	12.42	21.56	0.143	30.00	-8.44
	QPSK	1712.50	V	150	2	9.47	1 / 12	12.71	22.18	0.165	30.00	-7.82
	QPSK	1745.00	V	150	0	9.03	1 / 18	12.90	21.94	0.156	30.00	-8.06
	QPSK	1777.50	V	153	358	9.15	1 / 18	12.12	21.26	0.134	30.00	-8.74
40 MHz	16-QAM	1712.50	V	150	2	9.47	1 / 6	12.24	21.71	0.148	30.00	-8.29
	QPSK (CP-OFDM)	1730.00	V	150	2	9.20	1/108	11.72	20.92	0.123	30.00	-9.08
	QPSK (Opposite Pol.)	1730.00	H	244	355	9.20	1/161	11.84	21.04	0.127	30.00	-8.96
	QPSK (WCP)	1730.00	V	150	2	9.20	1/108	10.05	19.25	0.084	30.00	-10.75

Table 7-24. EIRP Data (NR Band n66 – Ant F)

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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

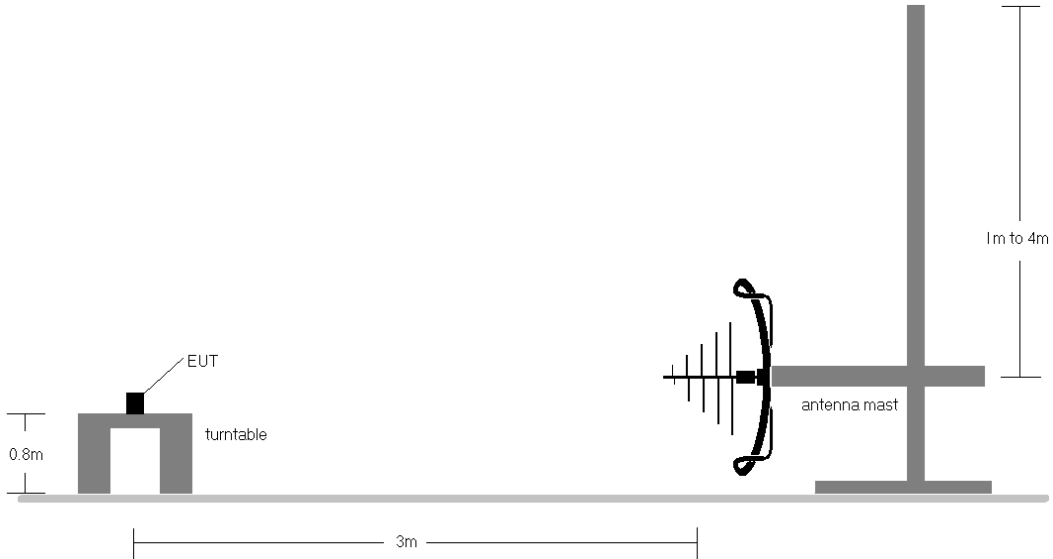
### Test Settings

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

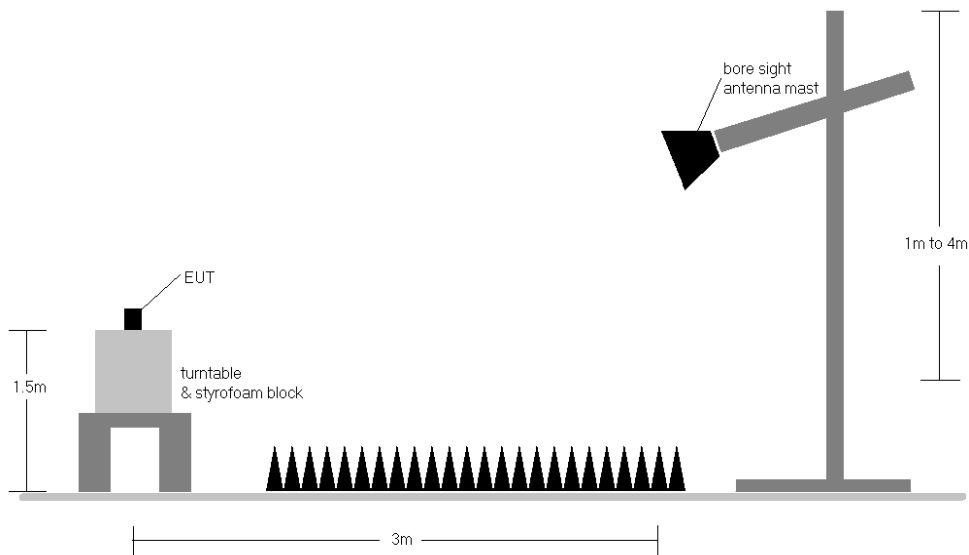
FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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**Test Setup**

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**

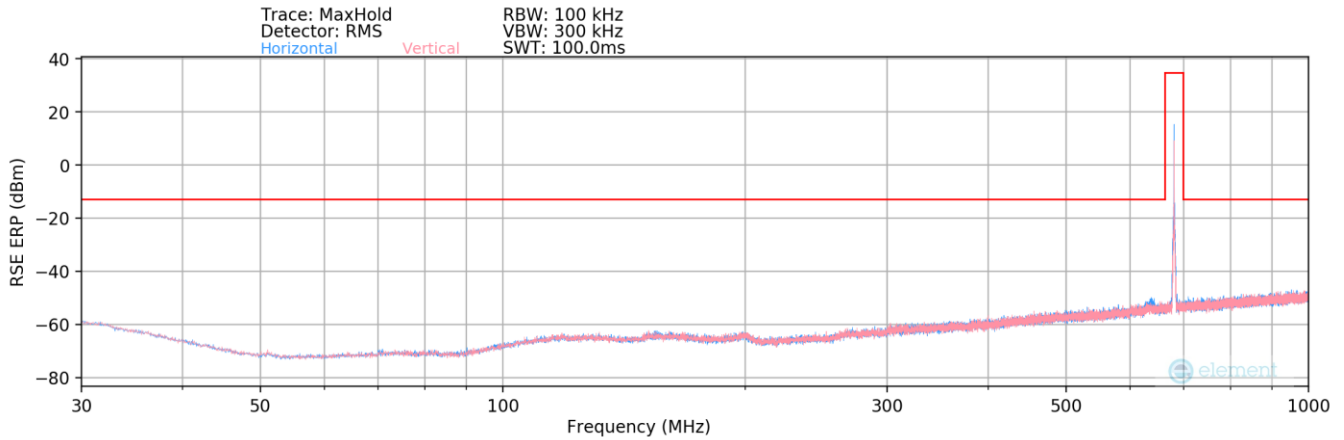
FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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**Test Notes**

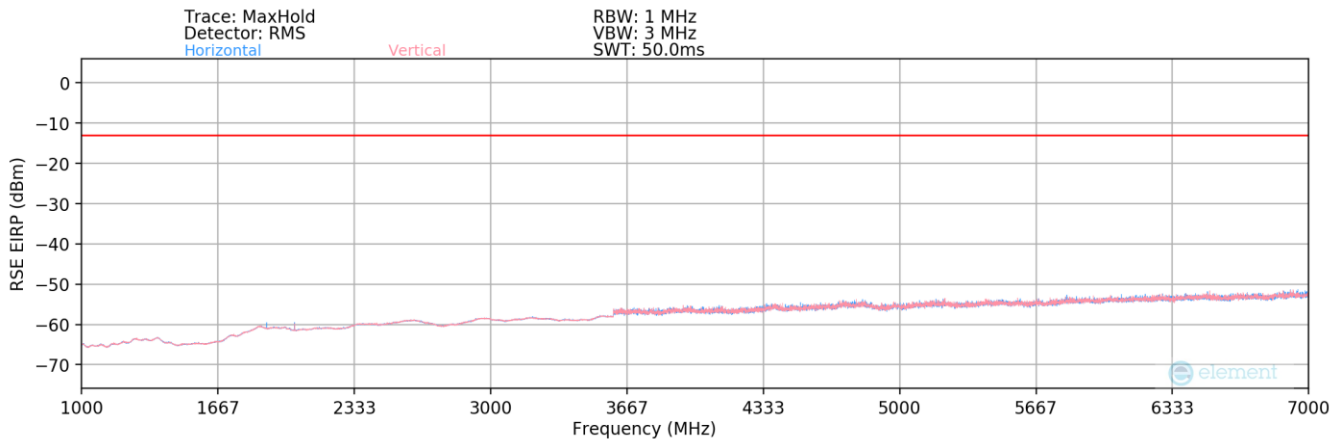
- 1) Field strengths are calculated using the Measurement quantity conversions in ANSI C63.26-2015 Section 5.2.7:
  - a)  $E(\text{dB}\mu\text{V}/\text{m}) = \text{Measured amplitude level (dBm)} + 107 + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$
  - b)  $\text{EIRP (dBm)} = E(\text{dB}\mu\text{V}/\text{m}) + 20\log D - 104.8$ ; 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 – Ant A



**Plot 7-462. Radiated Spurious Plot (LTE Band 71 – Ant A)**



**Plot 7-463. Radiated Spurious Plot (LTE Band 71 – Ant A)**

<b>Mode:</b>	Stand Alone
<b>Frequency (MHz):</b>	673
<b>Detector / Trace Mode:</b>	RMS / Average
<b>RBW / VBW:</b>	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]
51.00	V	-	-	-104.67	14.97	17.30	-80.11	-13.00	-67.11
173.00	V	-	-	-109.05	19.16	17.11	-80.30	-13.00	-67.30

**Table 7-25. Radiated Spurious Data (LTE Band 71 –Ant A)**

<b>FCC ID:</b> A3LSMS918U	<b>PART 27 MEASUREMENT REPORT</b>		<b>Approved by:</b> Technical Manager
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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	V	184	276	-76.82	-2.81	27.37	-67.89	-13.00	-54.89
2019.00	V	174	261	-69.78	-0.40	36.82	-58.43	-13.00	-45.43
2692.00	V	-	-	-77.34	1.27	30.93	-64.33	-13.00	-51.33
3365.00	V	-	-	-77.09	1.80	31.71	-63.55	-13.00	-50.55
4038.00	V	-	-	-78.16	3.18	32.02	-63.24	-13.00	-50.24

**Table 7-26. Radiated Spurious Data (LTE Band 71 – Low Channel – Ant A)**

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	V	-	-	-76.54	-2.67	27.79	-67.47	-13.00	-54.47
2041.50	V	124	287	-71.01	-0.51	35.48	-59.78	-13.00	-46.78
2722.00	V	-	-	-76.86	0.77	30.91	-64.34	-13.00	-51.34
3402.50	V	-	-	-77.23	1.71	31.48	-63.77	-13.00	-50.77
4083.00	V	-	-	-78.02	3.05	32.03	-63.23	-13.00	-50.23

**Table 7-27. Radiated Spurious Data (LTE Band 71 – Mid Channel – Ant A)**

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

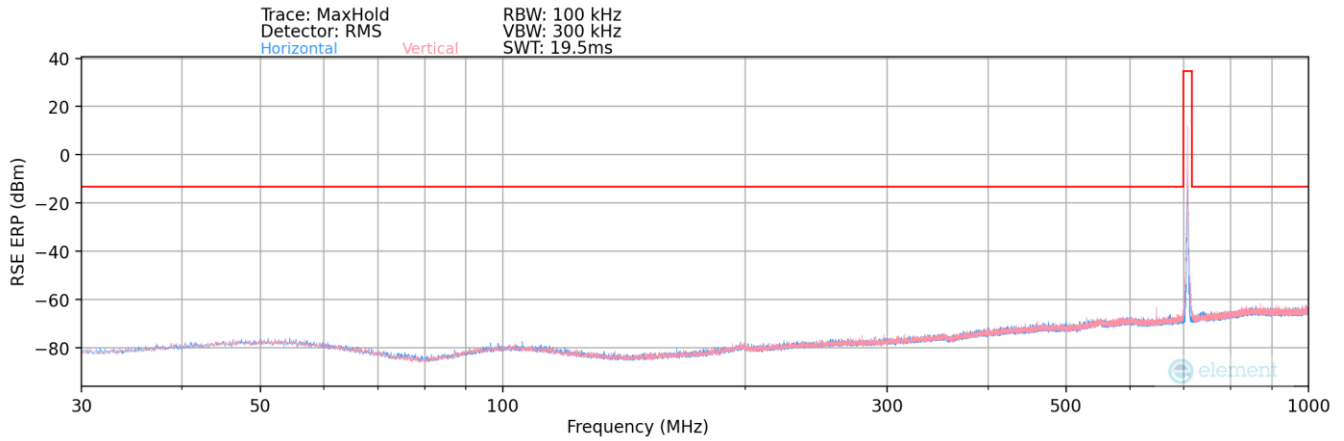
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1376.00	V	-	-	-75.95	-2.84	28.21	-67.05	-13.00	-54.05
2064.00	V	121	288	-70.44	-0.49	36.07	-59.18	-13.00	-46.18
2752.00	V	-	-	-77.22	0.47	30.25	-65.00	-13.00	-52.00
3440.00	V	-	-	-77.19	1.71	31.52	-63.74	-13.00	-50.74
4128.00	V	-	-	-77.55	3.06	32.51	-62.75	-13.00	-49.75

**Table 7-28. Radiated Spurious Data (LTE Band 71 – High Channel – Ant A)**

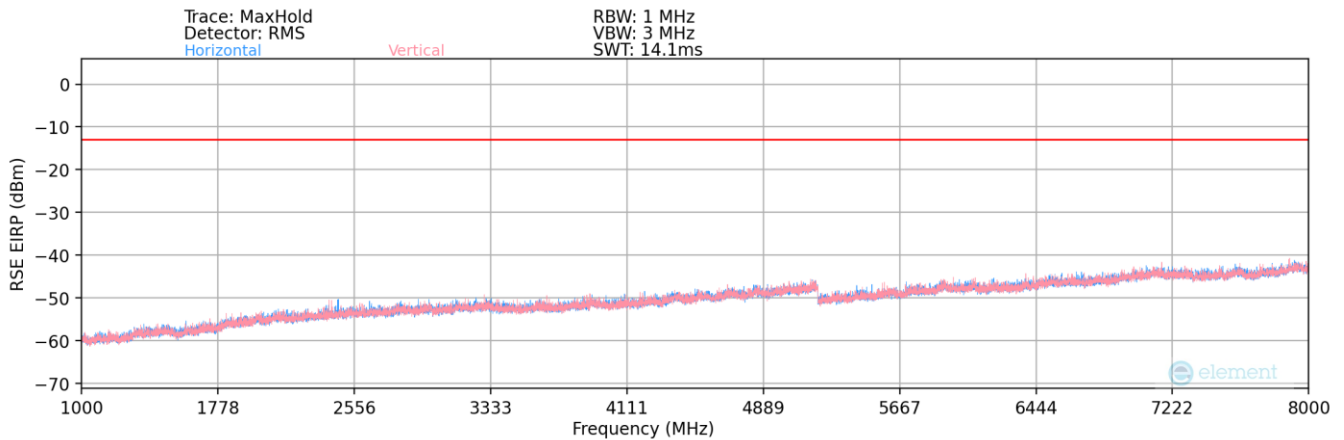
FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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## LTE Band 12 – Ant A



Plot 7-464. Radiated Spurious Plot (LTE Band 12 – Ant A)



Plot 7-465. Radiated Spurious Plot (LTE Band 12 – Ant A)

Mode:	Stand Alone
Channel:	23095
Frequency (MHz):	707.5
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]
647.39	V	161	94	-72.83	-5.96	28.21	-69.20	-13.00	-56.20

Table 7-29. Radiated Spurious Data (LTE Band 12 – Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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	V	-	-	-77.20	-0.50	29.30	-65.96	-13.00	-52.96
2112.00	V	-	-	-77.21	4.03	33.82	-61.44	-13.00	-48.44
2816.00	V	-	-	-79.20	5.72	33.52	-61.74	-13.00	-48.74

Table 7-30. Radiated Spurious Data (LTE Band 12 – Low Channel – Ant A)

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	V	-	-	-77.25	-0.54	-77.25	-77.79	-13.00	-64.79
2122.50	V	-	-	-77.56	4.01	-77.56	-73.55	-13.00	-60.55
2830.00	V	-	-	-79.32	5.88	-79.32	-73.44	-13.00	-60.44

Table 7-31. Radiated Spurious Data (LTE Band 12 – Mid Channel – Ant A)

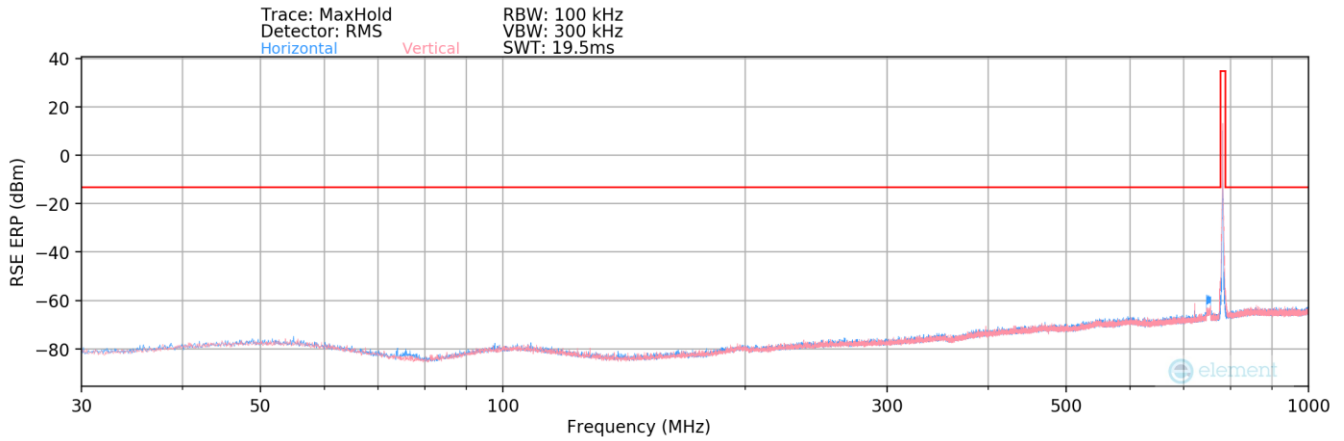
Bandwidth (MHz):	10
Frequency (MHz):	711
RB / Offset:	1 / 25

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	V	-	-	-77.35	-0.46	29.19	-66.07	-13.00	-53.07
2133.00	V	-	-	-77.32	3.93	33.61	-61.65	-13.00	-48.65
2844.00	V	-	-	-79.22	5.66	33.44	-61.82	-13.00	-48.82

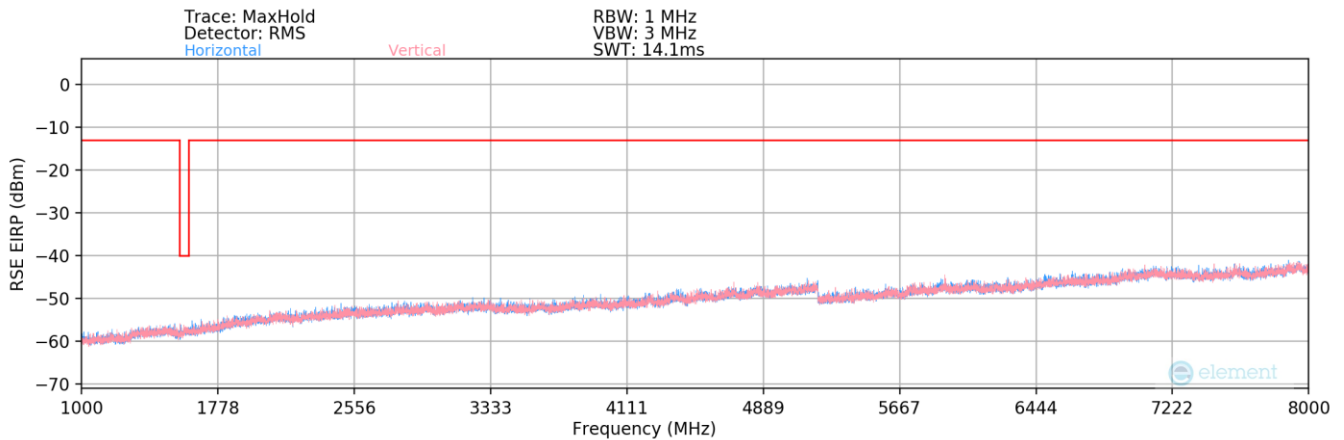
Table 7-32. Radiated Spurious Data (LTE Band 12 – High Channel – Ant A)

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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### LTE Band 13 – Ant A



**Plot 7-466. Radiated Spurious Plot (LTE Band 13 – Ant A)**



**Plot 7-467. Radiated Spurious Plot (LTE Band 13 – Ant A)**

Mode:	Stand Alone
Channel:	23230
Frequency (MHz):	782
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]
75.50	V	-	-	-70.50	-21.13	15.37	-82.04	-13.00	-69.04
207.12	V	-	-	-69.77	-17.03	20.20	-77.21	-13.00	-64.21
338.57	V	-	-	-69.25	-13.01	24.74	-72.67	-13.00	-59.67
545.85	V	-	-	-67.67	-9.13	30.20	-67.21	-13.00	-54.21
772.09	V	250	70	-65.29	-5.58	36.13	-61.28	-13.00	-48.28

**Table 7-33. Radiated Spurious Data (LTE Band 13 – Ant A)**

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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Bandwidth (MHz):	10
Frequency (MHz):	782
RB / Offset:	1 / 25

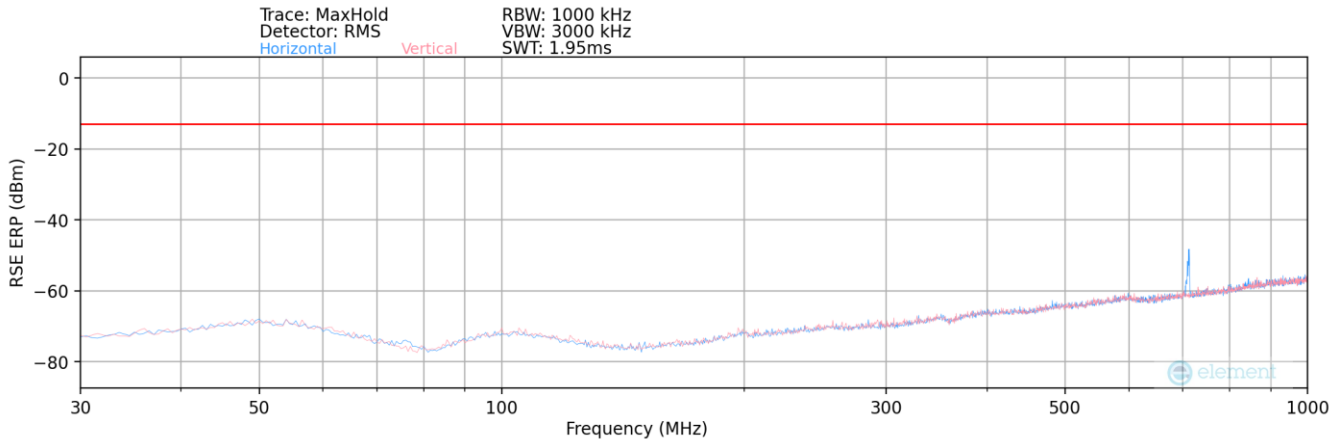
Frequency [MHz]	Ant. Pol. [H/V]	Antenna Height [cm]	Turntable Azimuth [degree]	Analyzer Level [dBm]	AFCL [dB/m]	Field Strength [dBμV/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
1564.00	V	249	100	-77.81	-0.28	28.91	-66.34	-40.00	-26.34
2346.00	V	-	-	-78.92	4.26	32.34	-62.92	-13.00	-49.92
3128.00	V	-	-	-79.74	6.42	33.68	-61.57	-13.00	-48.57
3910.00	V	-	-	-80.42	8.19	34.77	-60.49	-13.00	-47.49
4692.00	V	-	-	-81.02	9.56	35.54	-59.72	-13.00	-46.72

**Table 7-34. Radiated Spurious Data (LTE Band 13 – Low Channel – Ant A)**

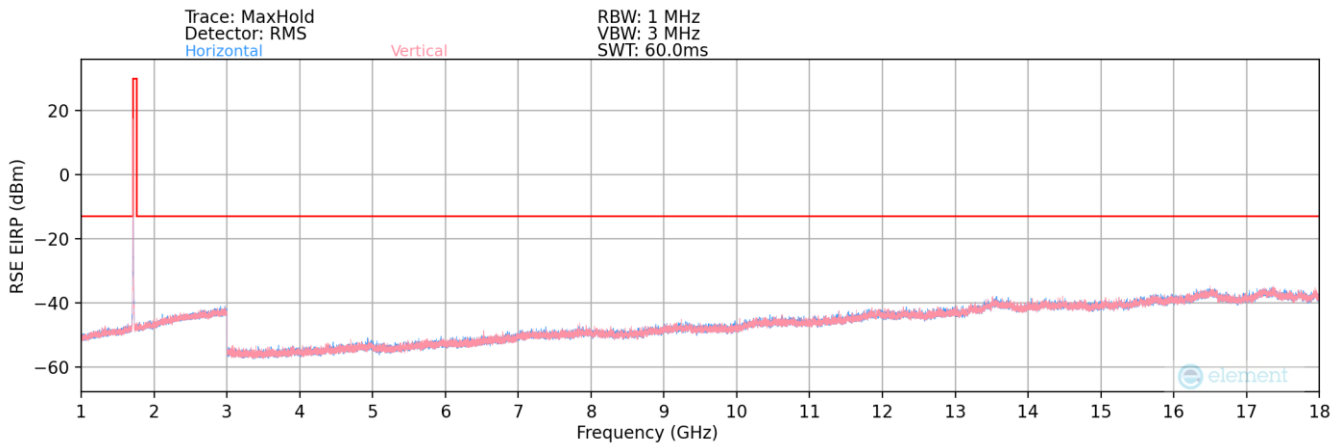
FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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## WCDMA AWS – Ant A



**Plot 7-468. Radiated Spurious Plot (WCDMA AWS – Ant A)**



**Plot 7-469. Radiated Spurious Plot (WCDMA AWS – Ant A)**

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]	ERP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
712.00	H	-	-	-80.25	-6.46	20.29	-77.12	-13.00	-64.12

**Table 7-35. Radiated Spurious Data (WCDMA AWS – Ant A)**

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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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 [dB $\mu$ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3424.80	V	-	-	-79.77	7.01	34.24	-61.01	-13.00	-48.01
5137.20	V	-	-	-81.26	10.64	36.38	-58.88	-13.00	-45.88
6849.60	V	-	-	-82.00	14.02	39.02	-56.23	-13.00	-43.23

**Table 7-36. Radiated Spurious Data (WCDMA AWS – Low Channel – Ant A)**

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 [dB $\mu$ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3465.20	V	-	-	-79.71	6.93	34.22	-61.04	-13.00	-48.04
5197.80	V	-	-	-81.23	10.26	36.03	-59.23	-13.00	-46.23
6930.40	V	-	-	-81.91	13.75	38.84	-56.42	-13.00	-43.42

**Table 7-37. Radiated Spurious Data (WCDMA AWS – Mid Channel – Ant A)**

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 [dB $\mu$ V/m]	EIRP Spurious Emission Level [dBm]	Limit [dBm]	Margin [dB]
3505.20	V	-	-	-79.90	7.09	34.19	-61.07	-13.00	-48.07
5257.80	V	-	-	-81.19	10.14	35.95	-59.31	-13.00	-46.31
7010.40	V	-	-	-82.10	14.52	39.42	-55.83	-13.00	-42.83

**Table 7-38. Radiated Spurious Data (WCDMA AWS – High Channel – Ant A)**

FCC ID: A3LSMS918U	PART 27 MEASUREMENT REPORT		Approved by: Technical Manager
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