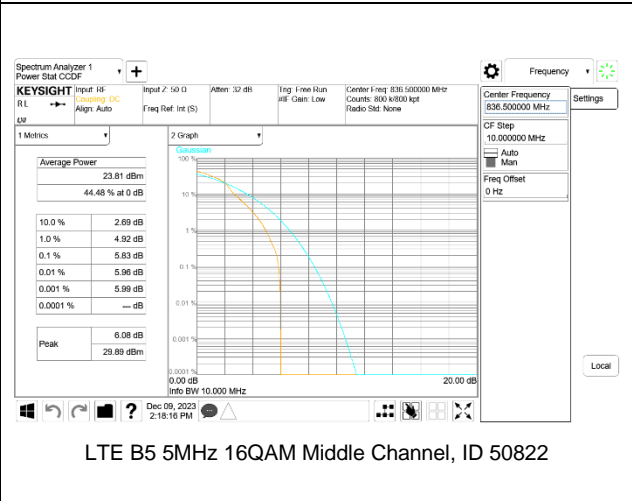
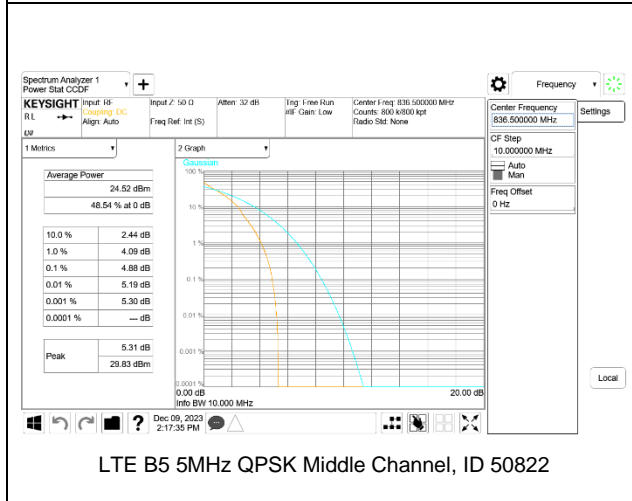
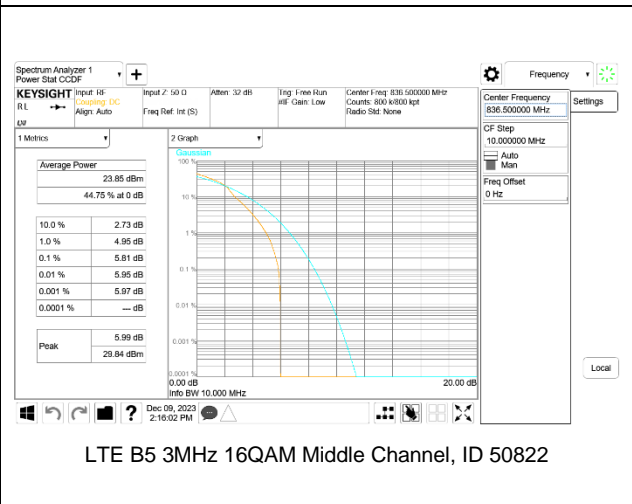
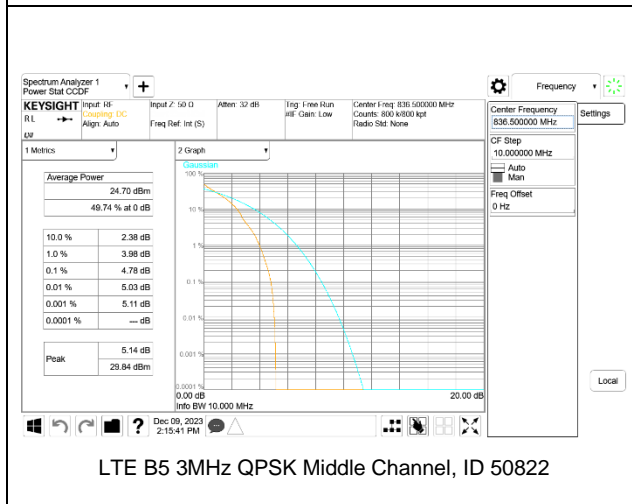
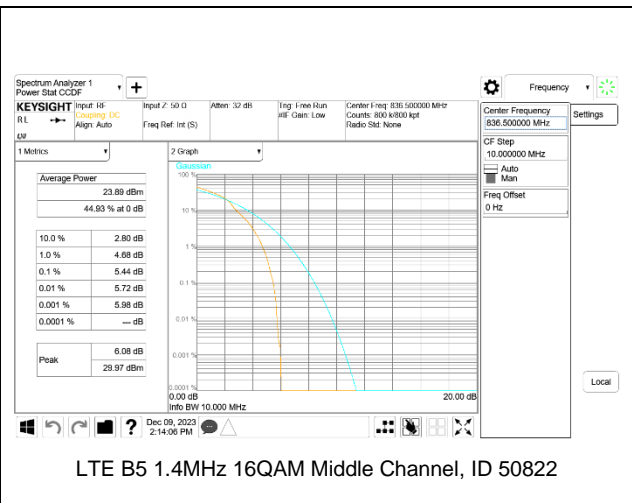
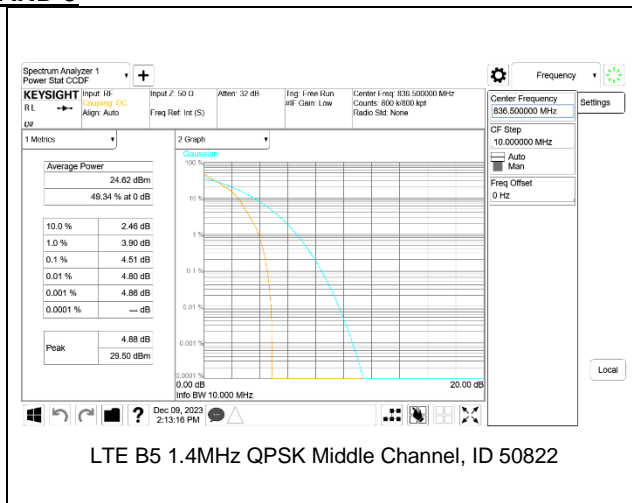
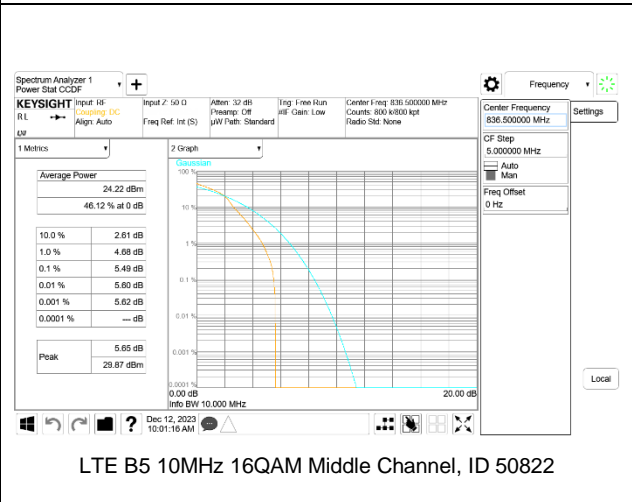
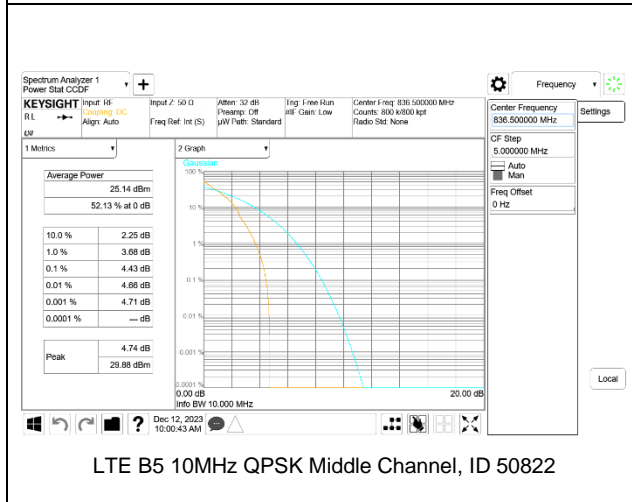
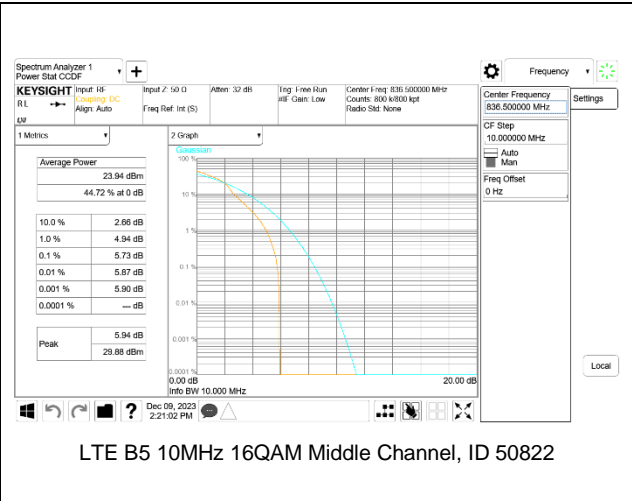
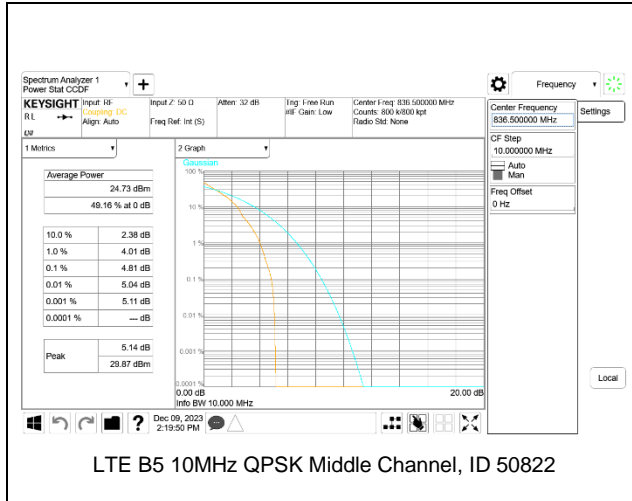


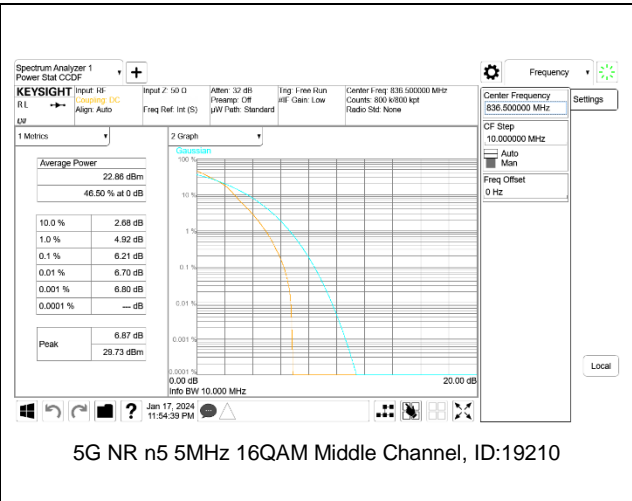
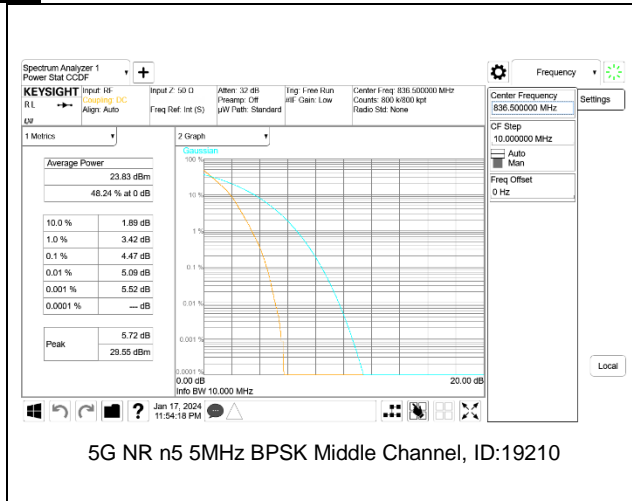
9.5.1. LTE BAND 5 AND 5G NR n5

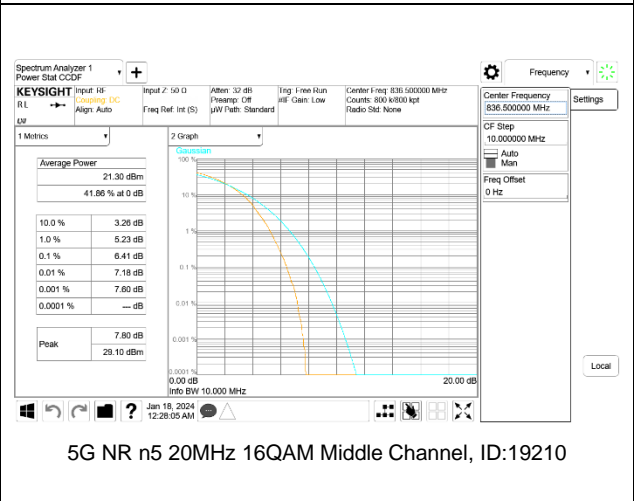
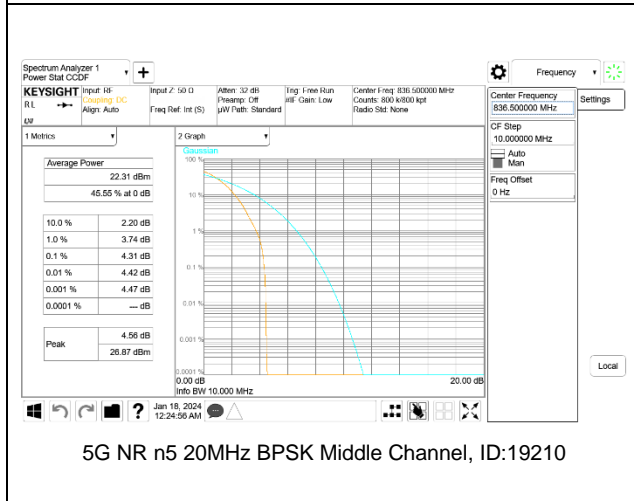
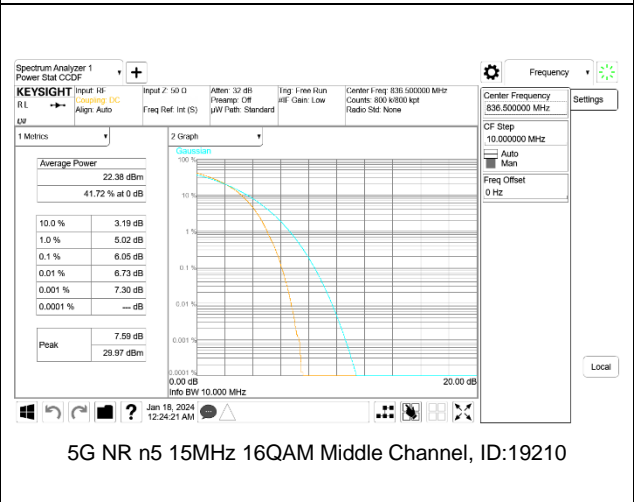
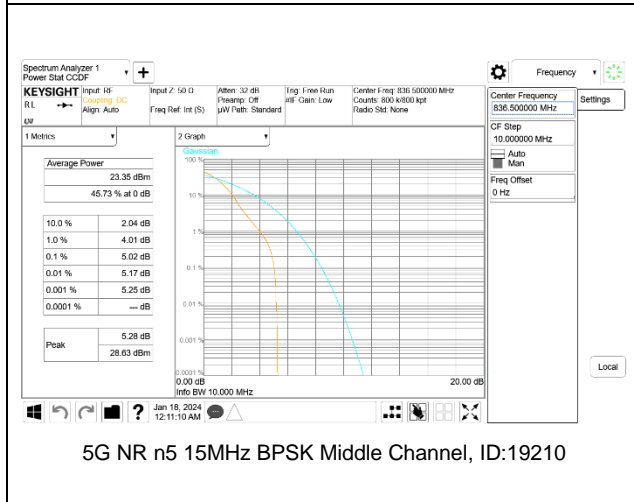
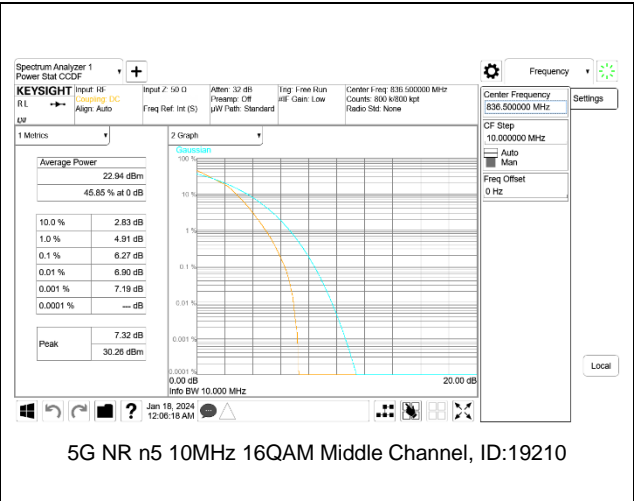
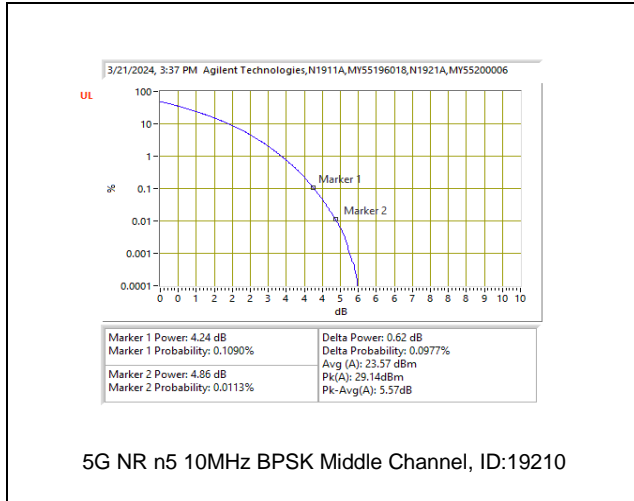
LTE BAND 5





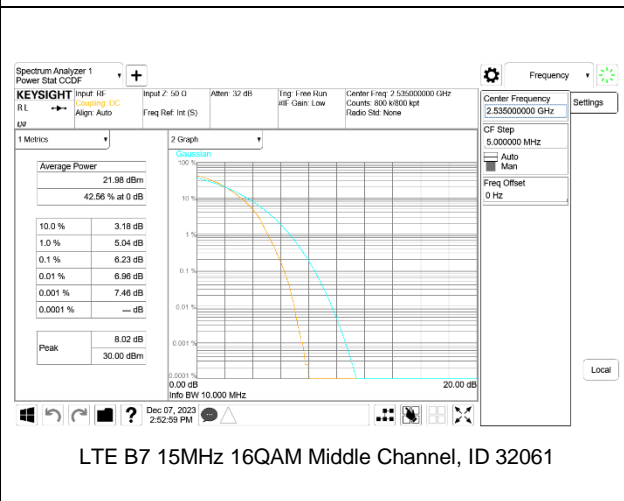
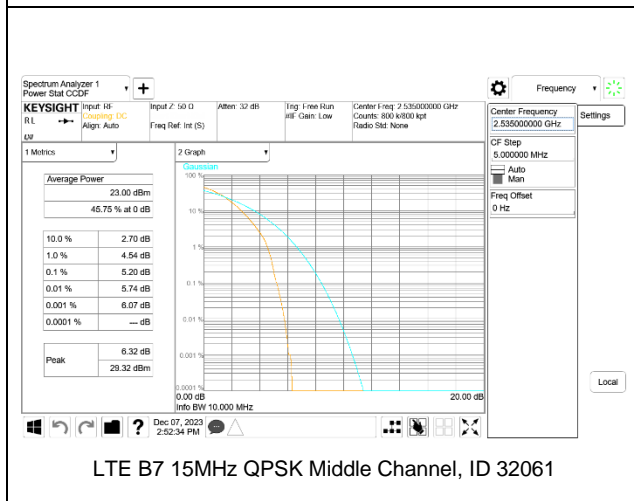
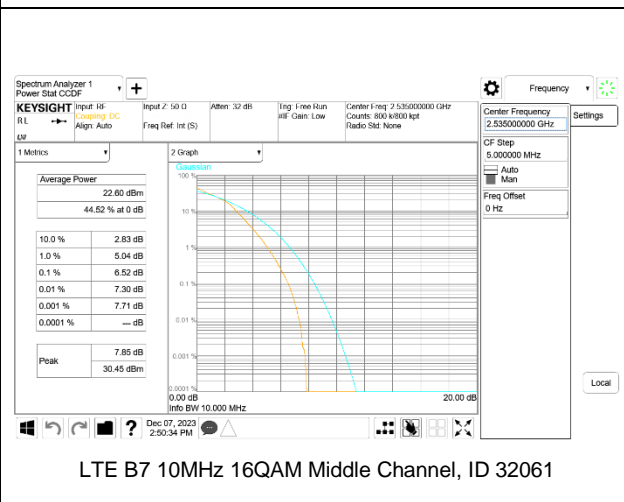
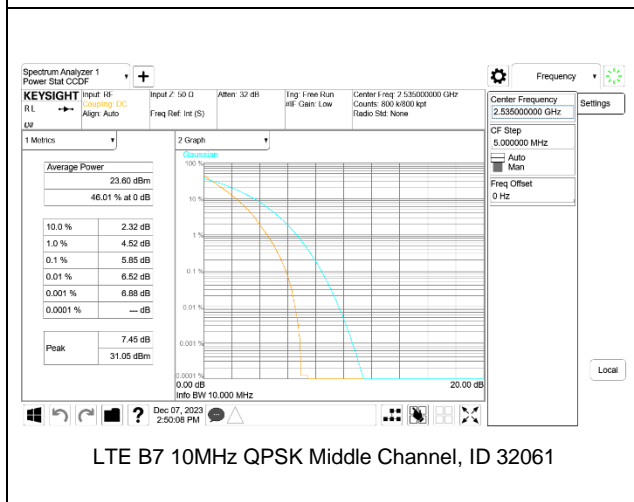
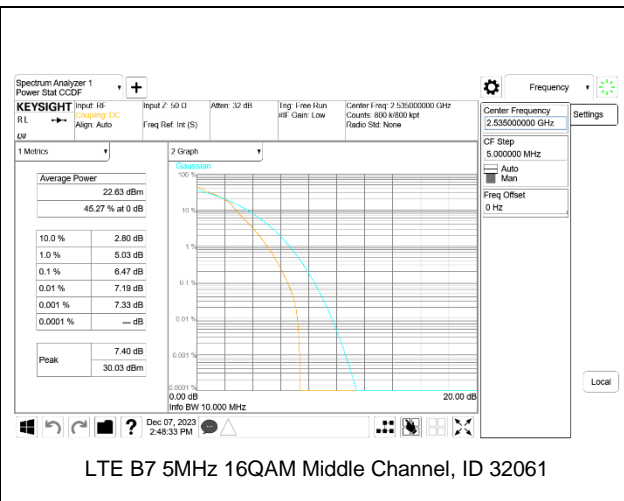
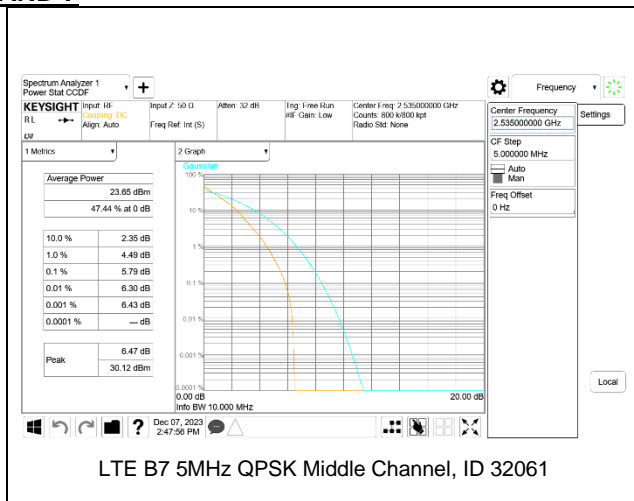
5G NR n5

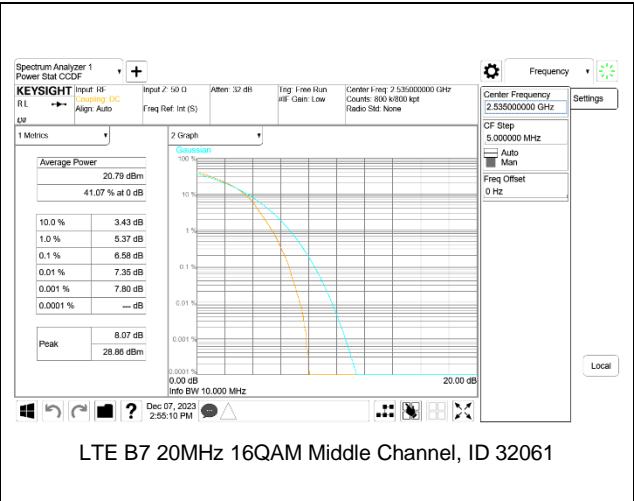
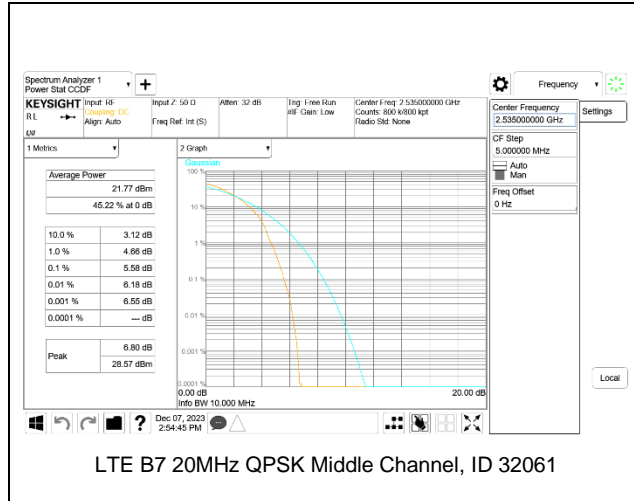




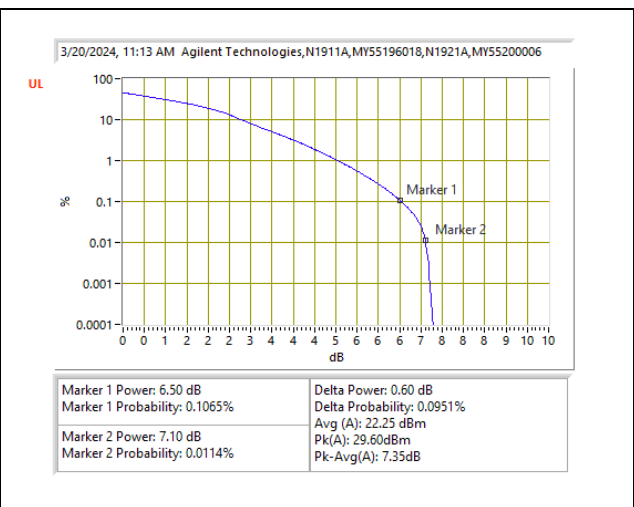
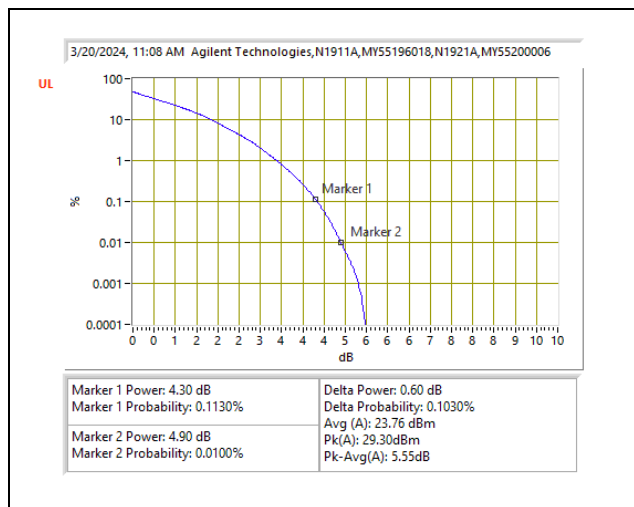
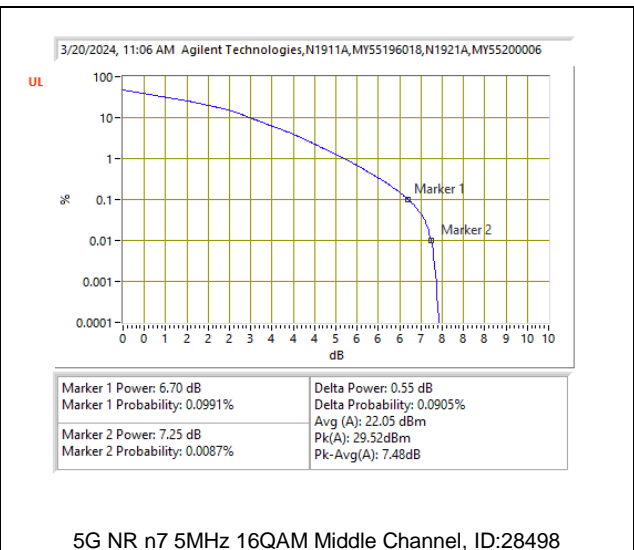
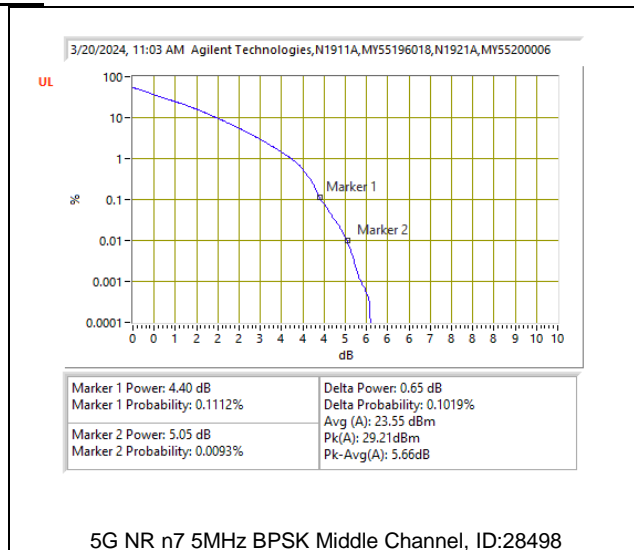
9.5.2. LTE BAND 7 AND 5G NR n7

LTE BAND 7



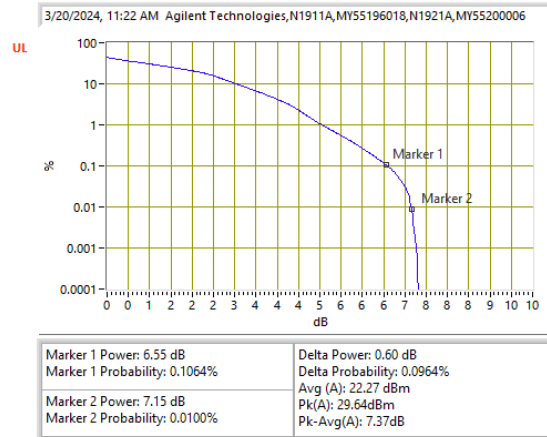
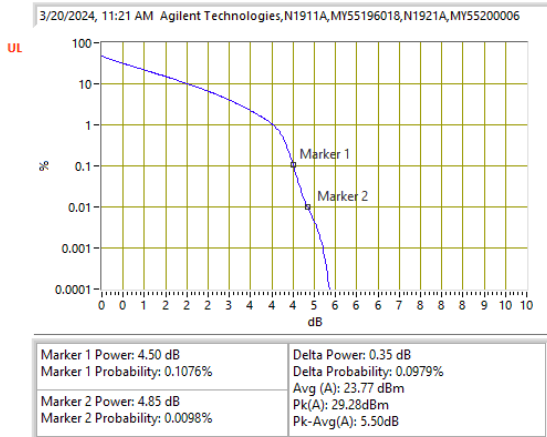


5G NR n7



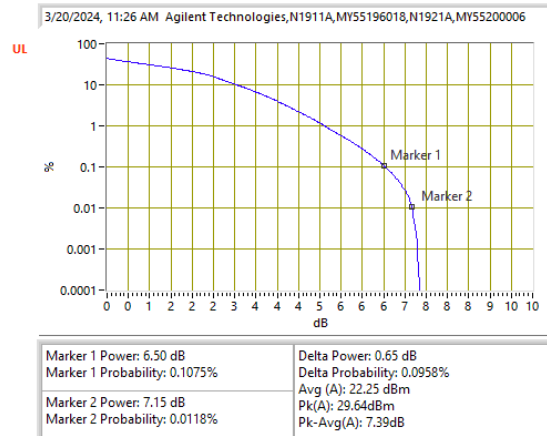
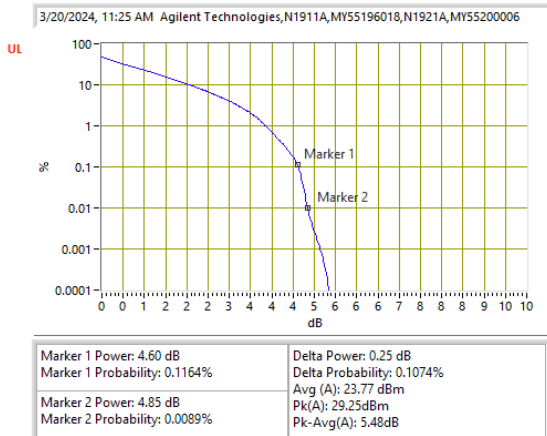
5G NR n7 10MHz BPSK Middle Channel, ID:28498

5G NR n7 10MHz 16QAM Middle Channel, ID:28498



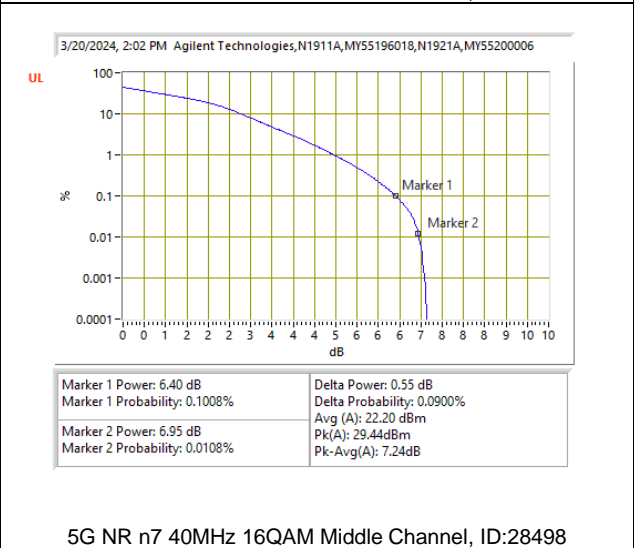
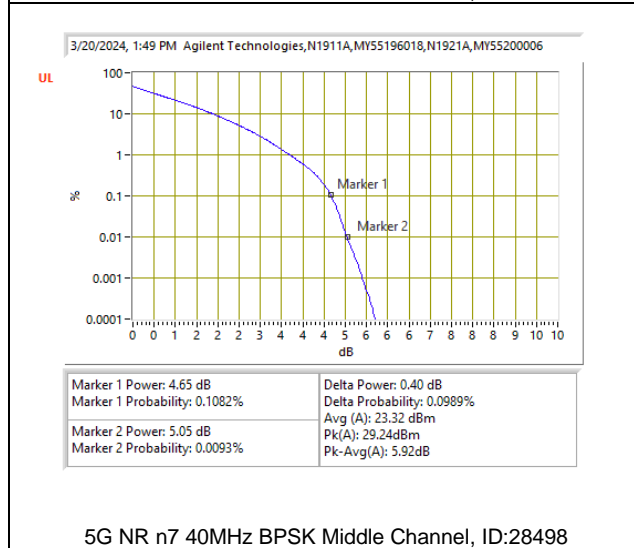
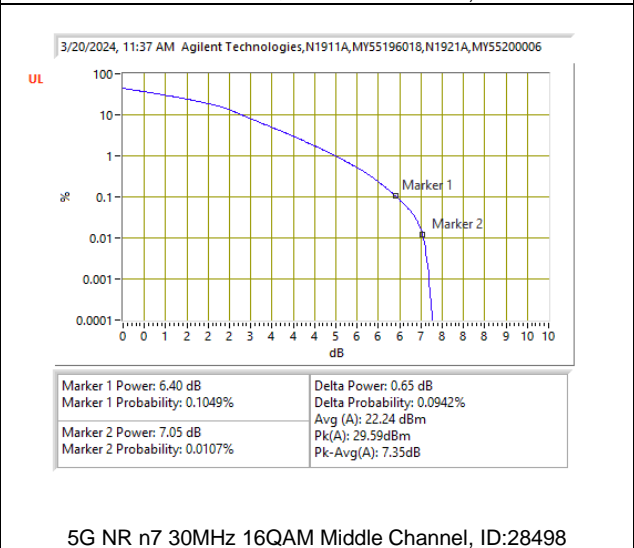
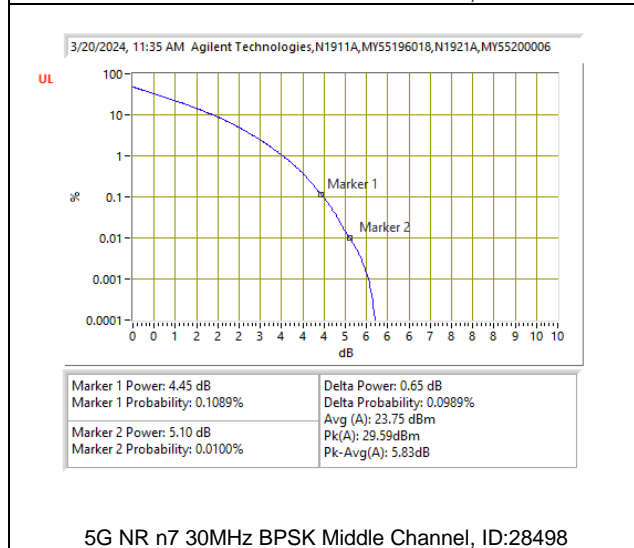
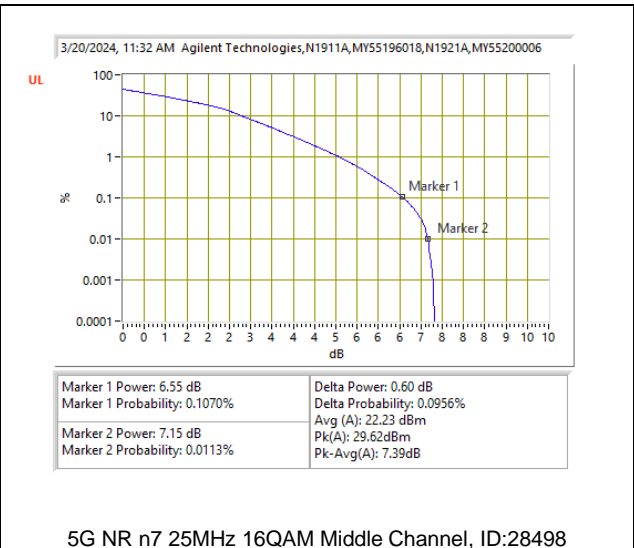
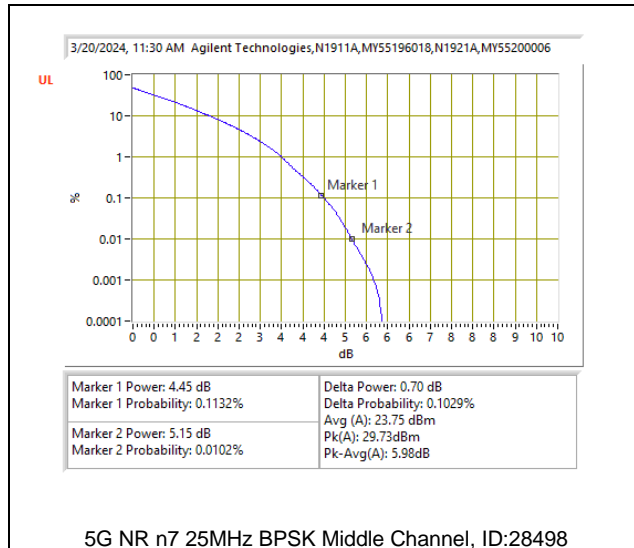
5G NR n7 15MHz BPSK Middle Channel, ID:28498

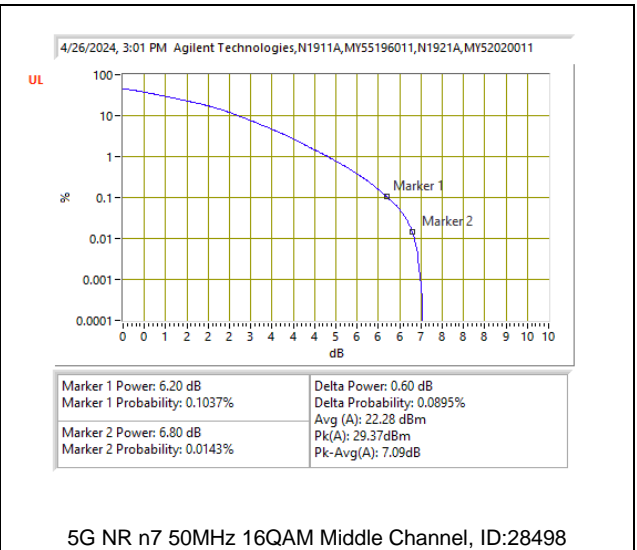
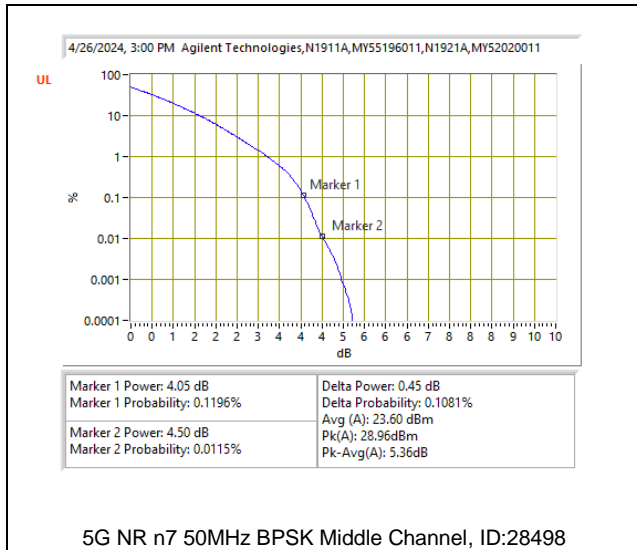
5G NR n7 15MHz 16QAM Middle Channel, ID:28498



5G NR n7 20MHz BPSK Middle Channel, ID:28498

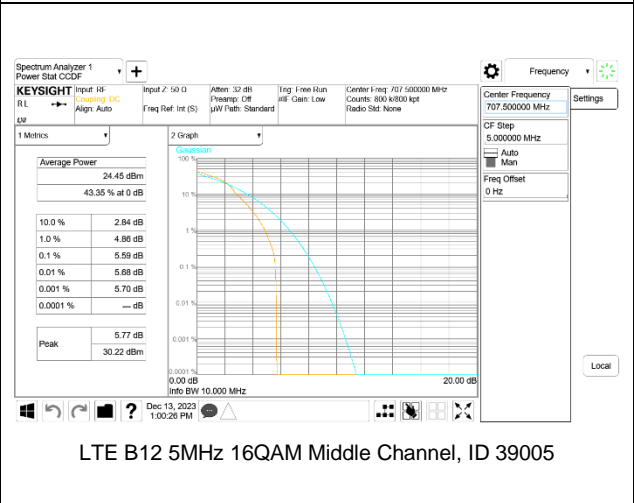
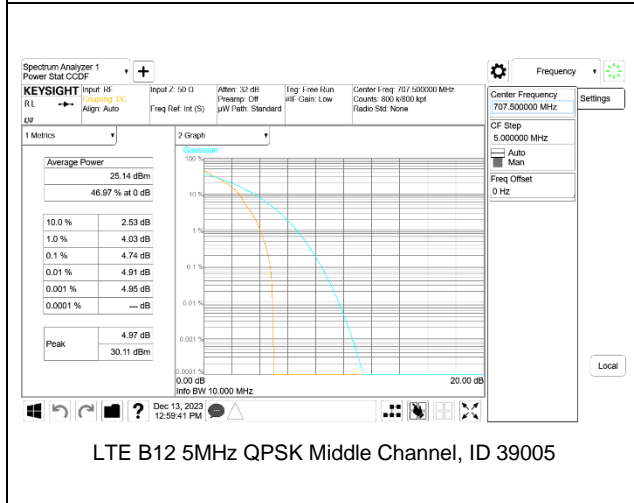
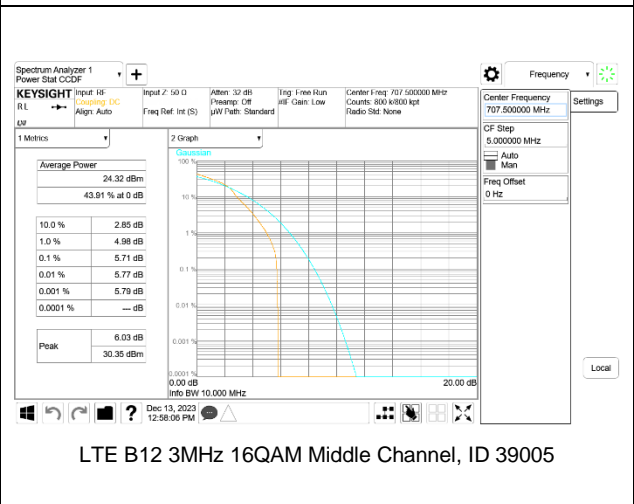
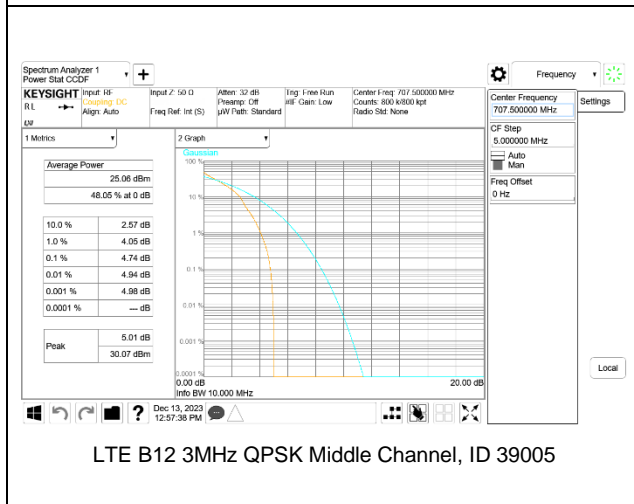
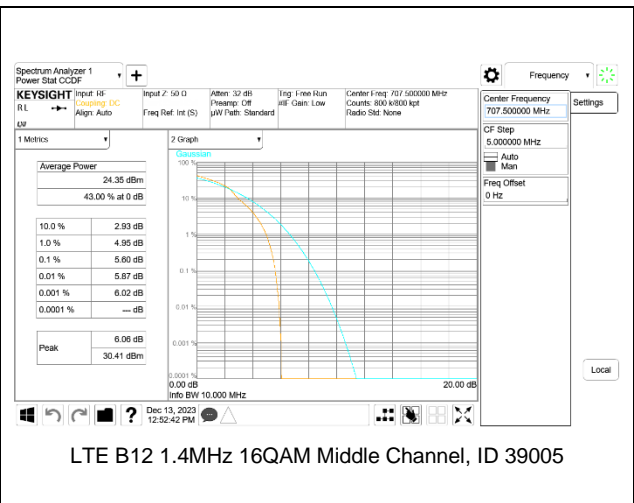
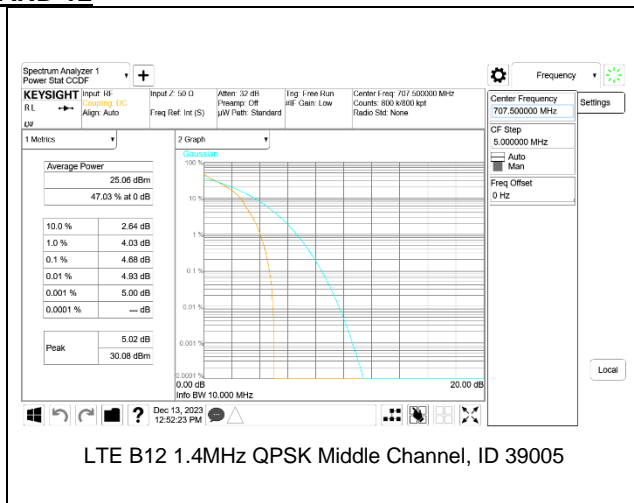
5G NR n7 20MHz 16QAM Middle Channel, ID:28498

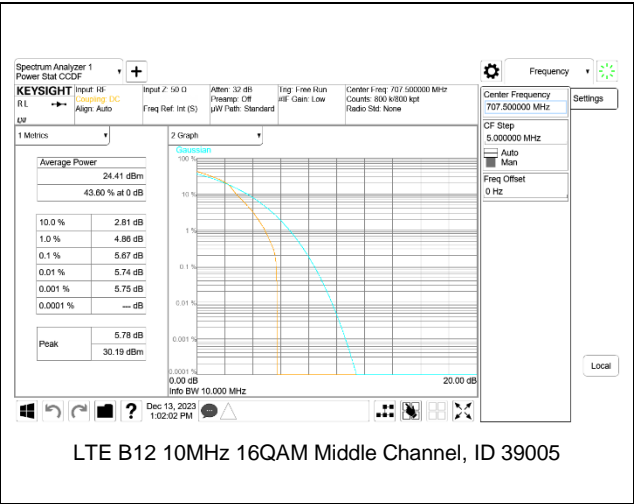
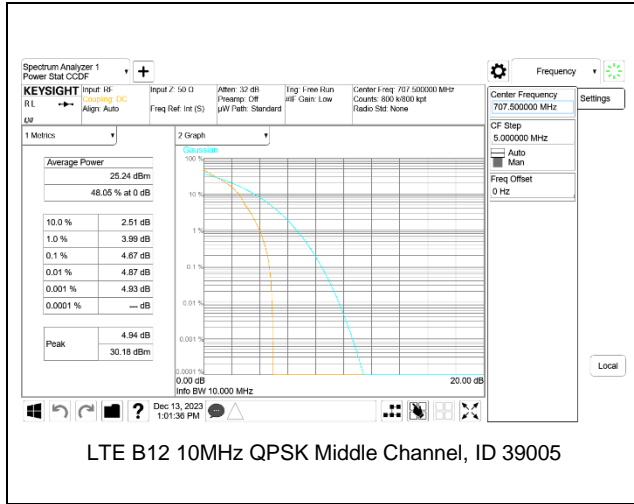




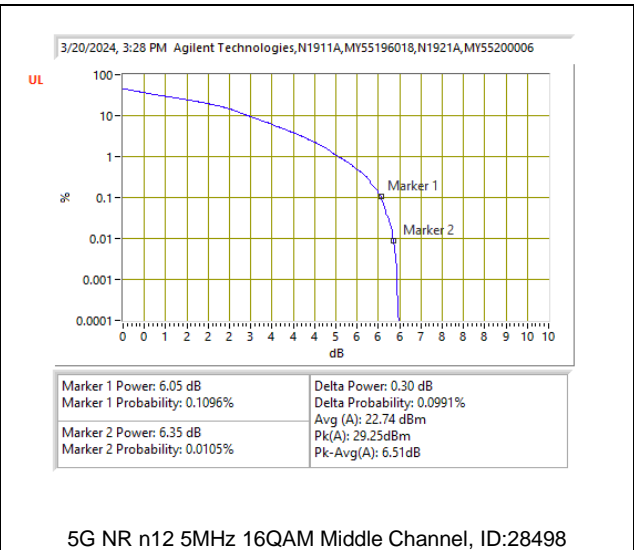
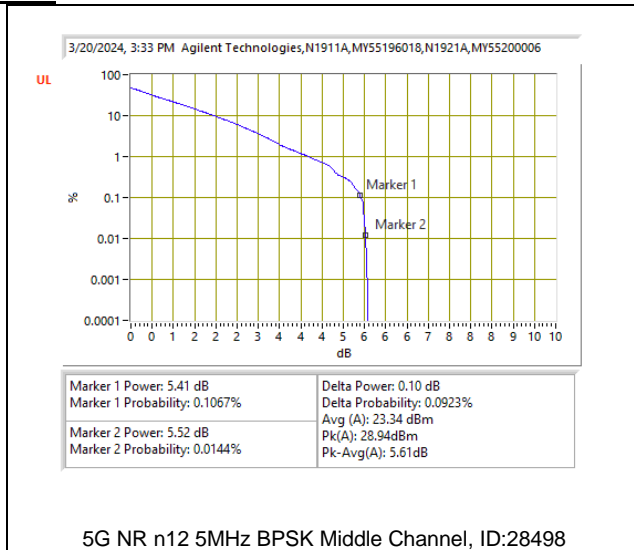
9.5.3. LTE BAND 12 AND 5G NR n12

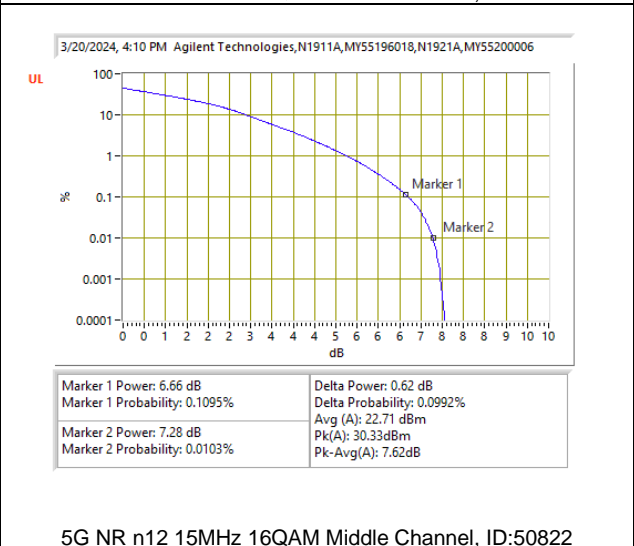
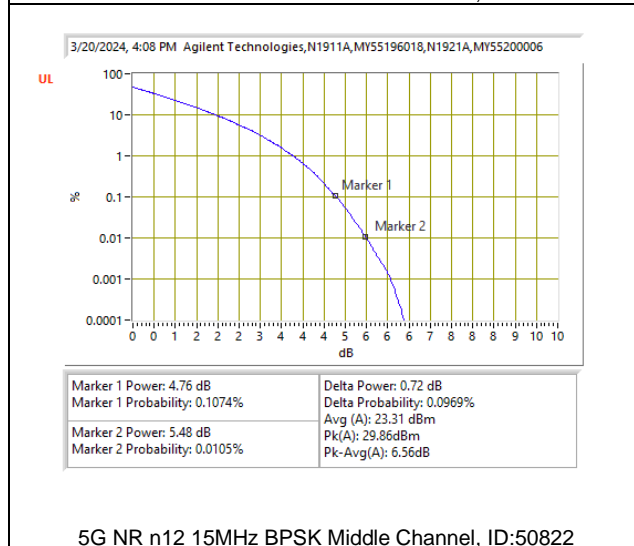
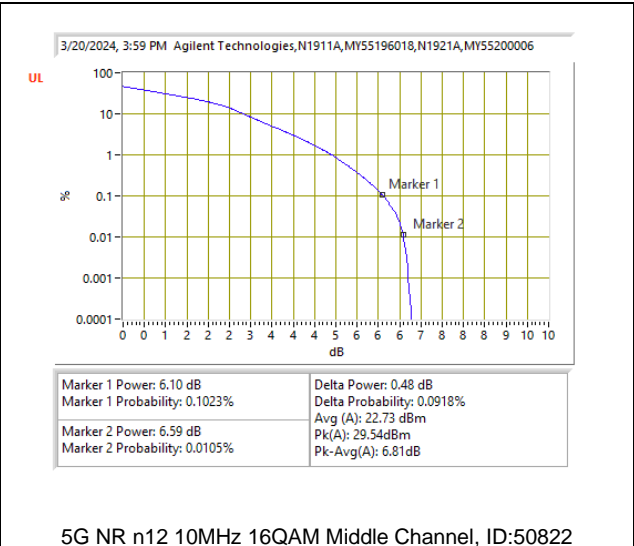
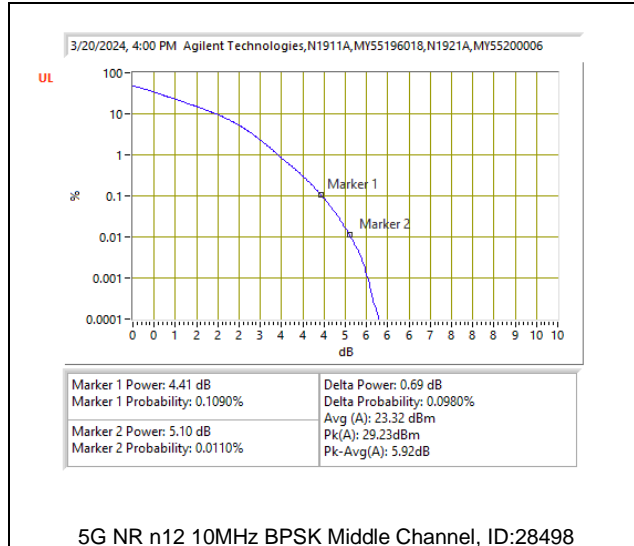
LTE BAND 12



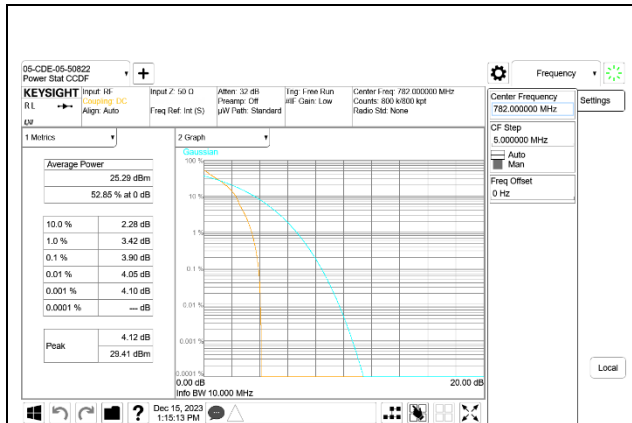


5G NR n12

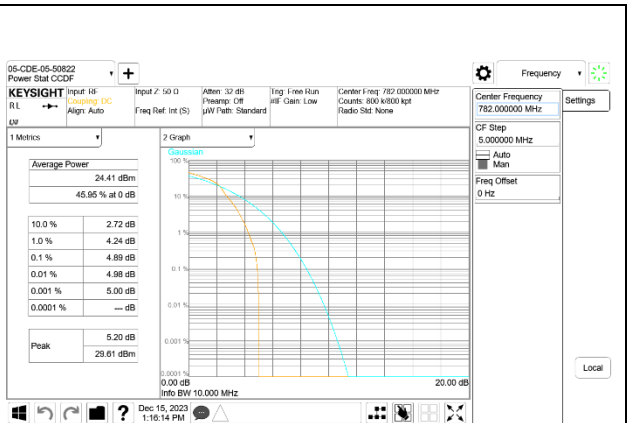




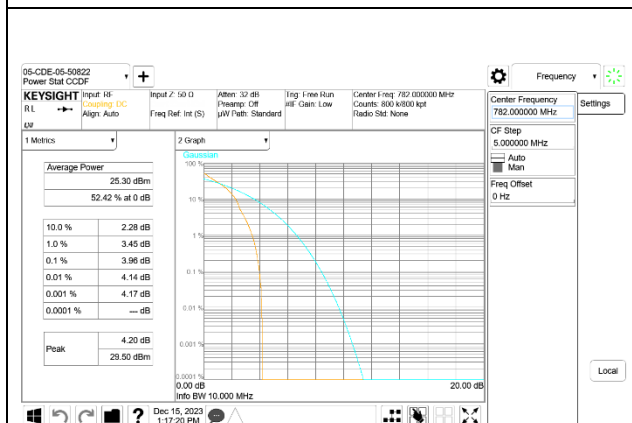
9.5.4. LTE BAND 13



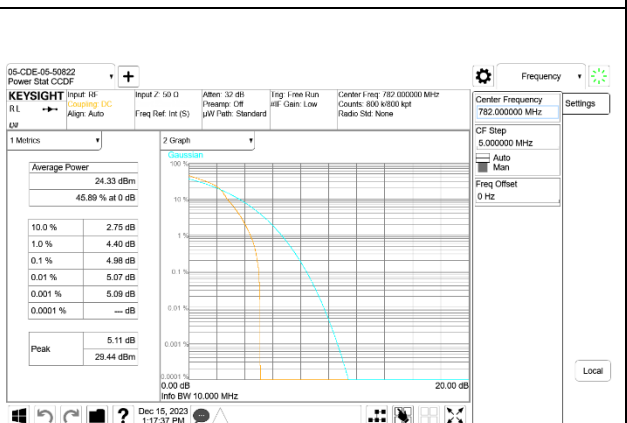
LTE B13 5MHz QPSK Middle Channel, ID 50822



LTE B13 5MHz 16QAM Middle Channel, ID 50822



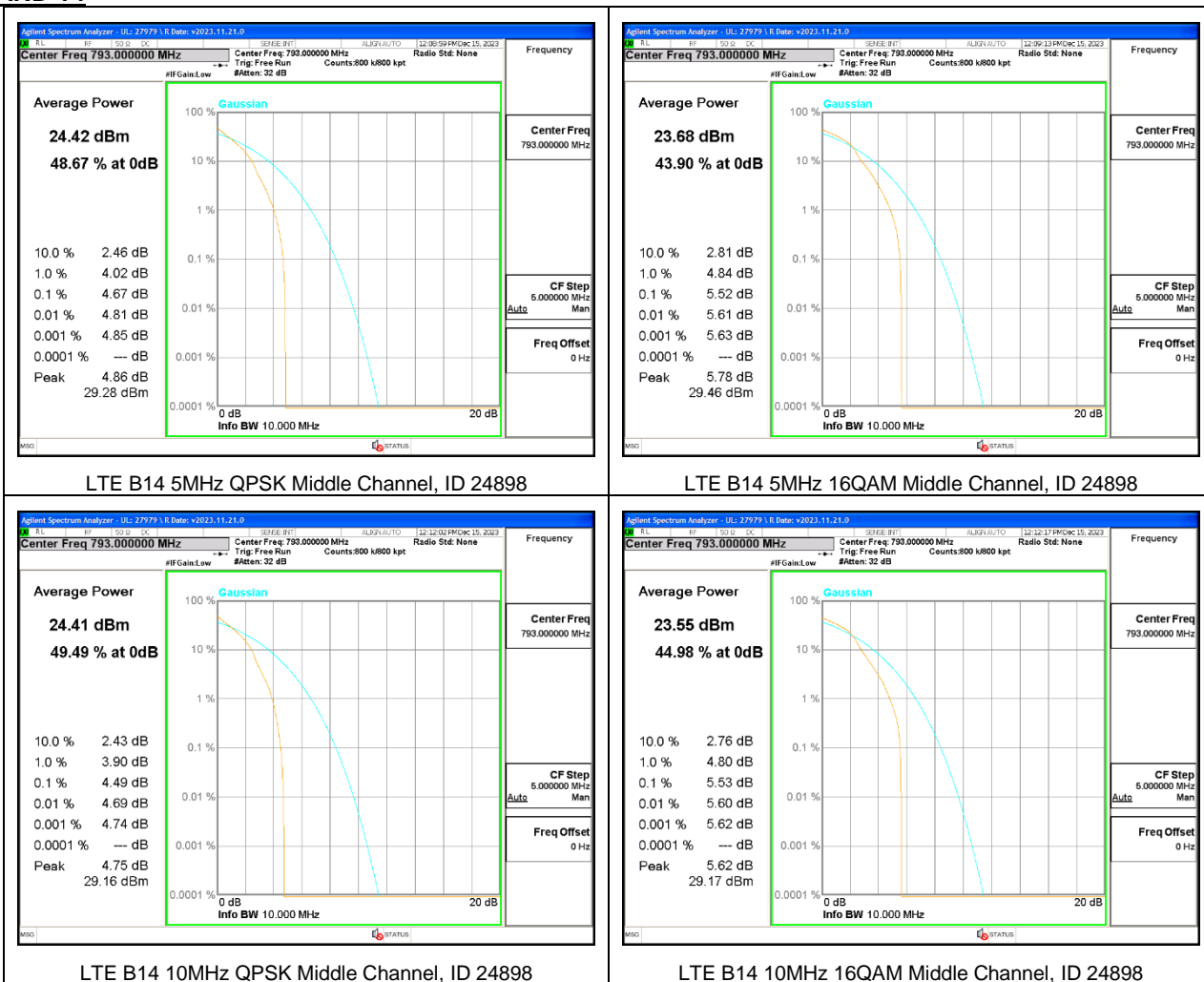
LTE B13 10MHz QPSK Middle Channel, ID 50822



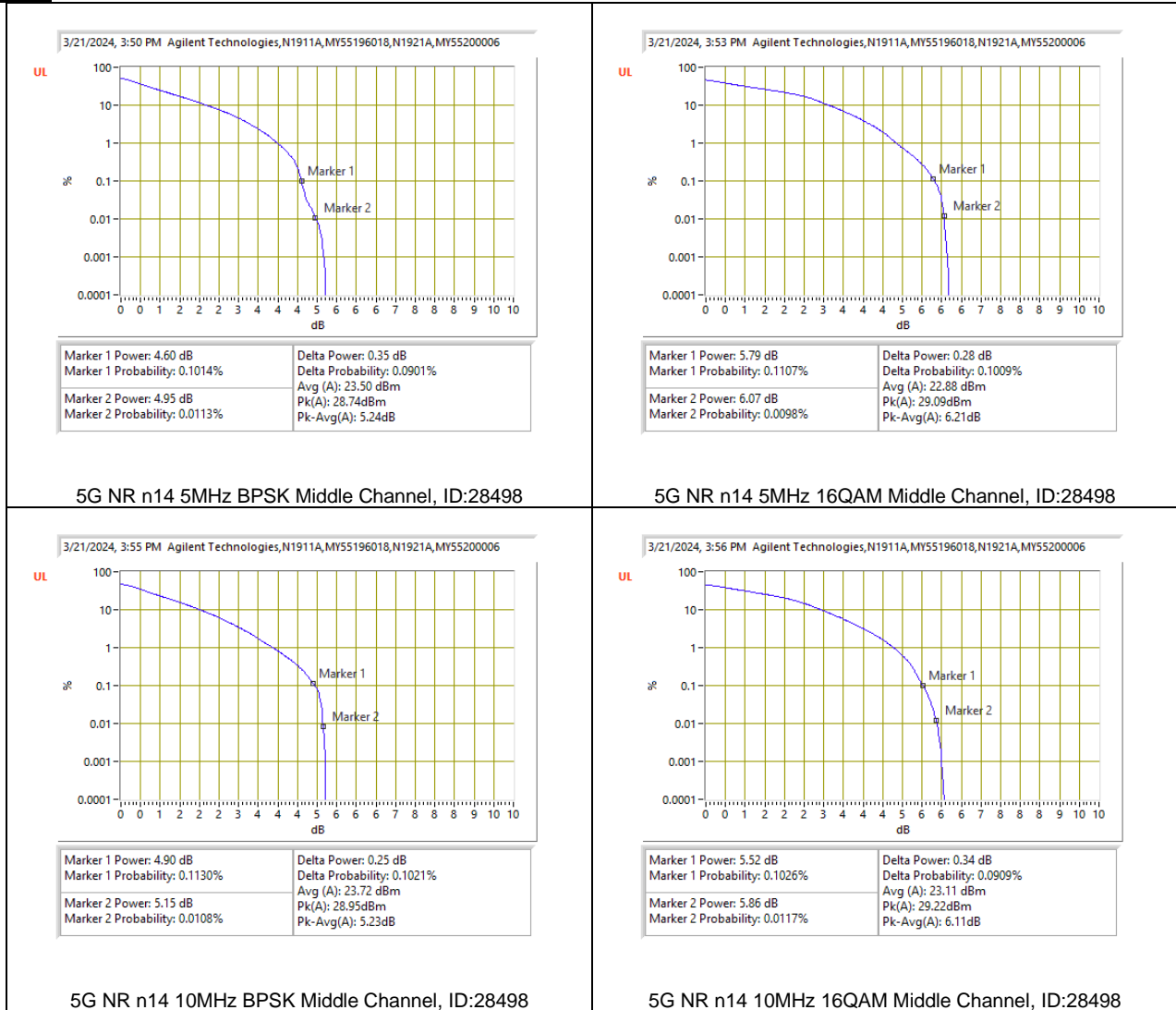
LTE B13 10MHz 16QAM Middle Channel, ID 50822

9.5.5. LTE BAND 14 AND 5G NR n14

LTE BAND 14



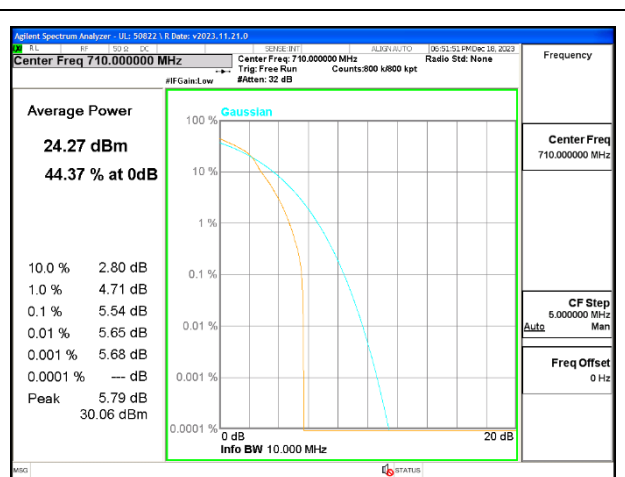
5G NR n14



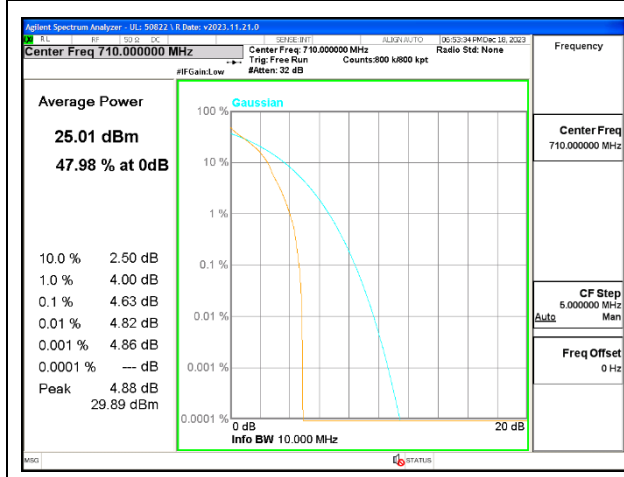
9.5.6. LTE BAND 17



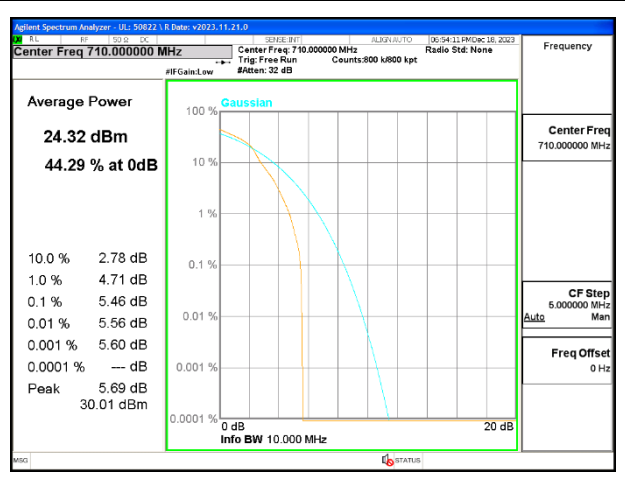
LTE B17 5MHz QPSK Middle Channel, ID 50822



LTE B17 5MHz 16QAM Middle Channel, ID 50822



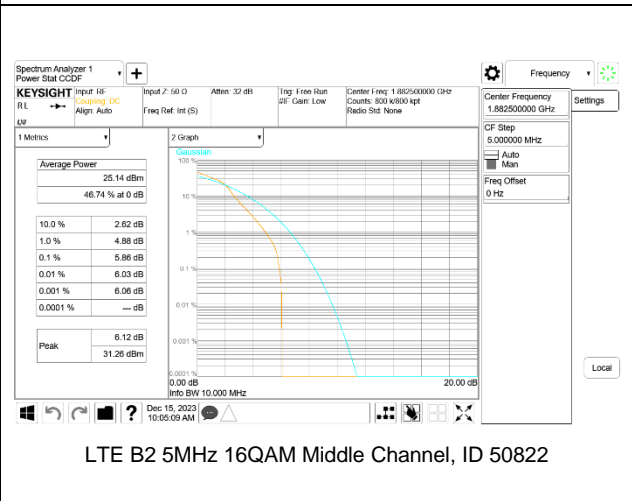
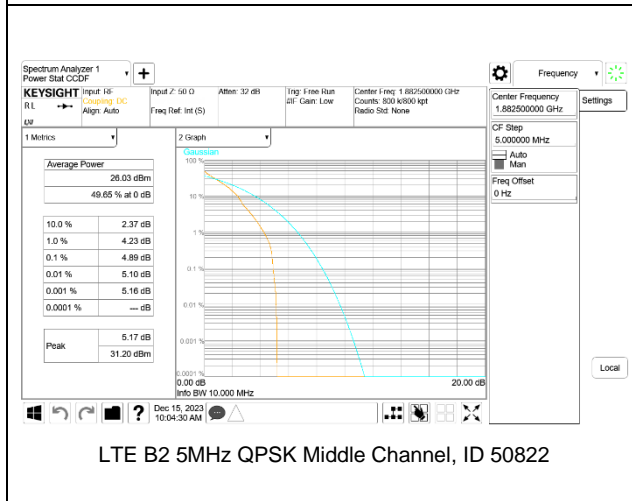
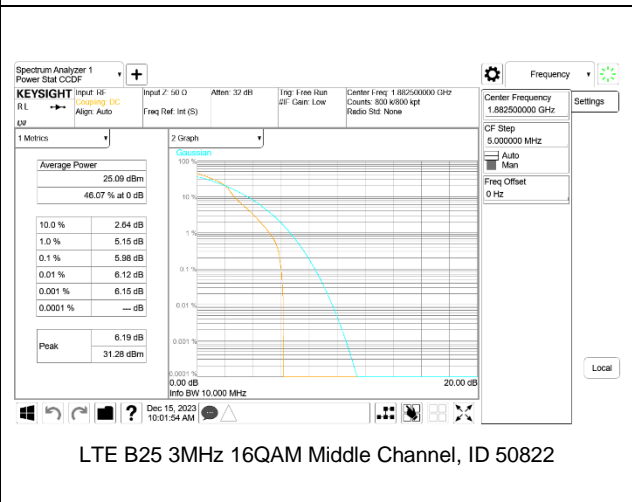
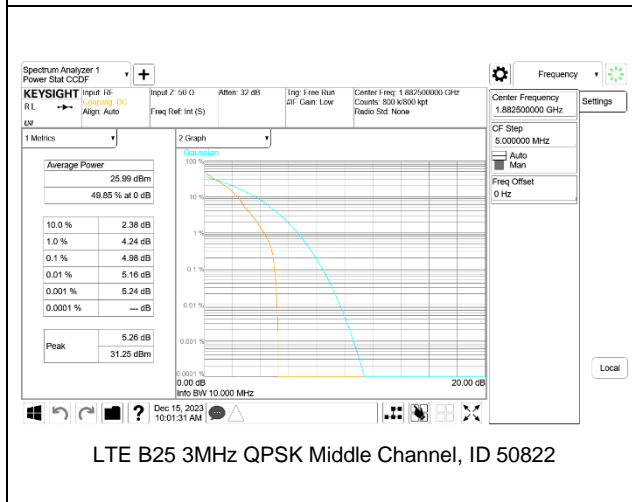
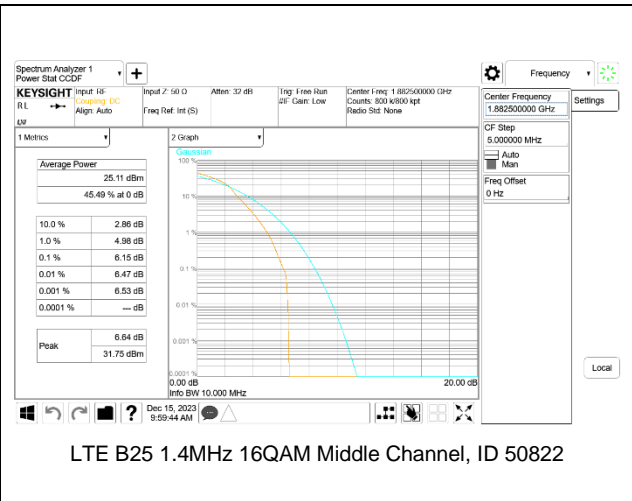
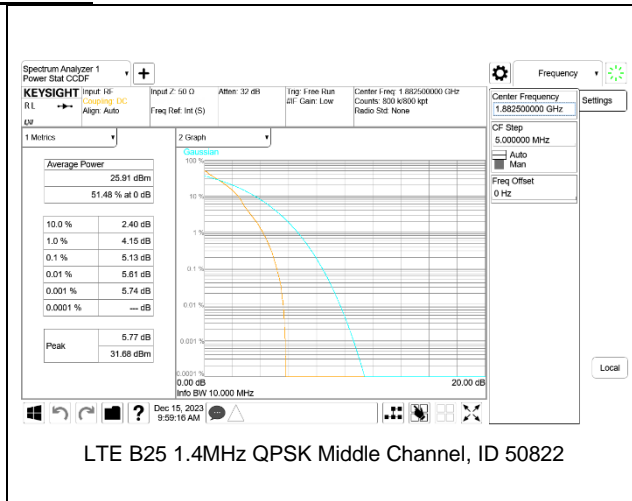
LTE B17 10MHz QPSK Middle Channel, ID 50822

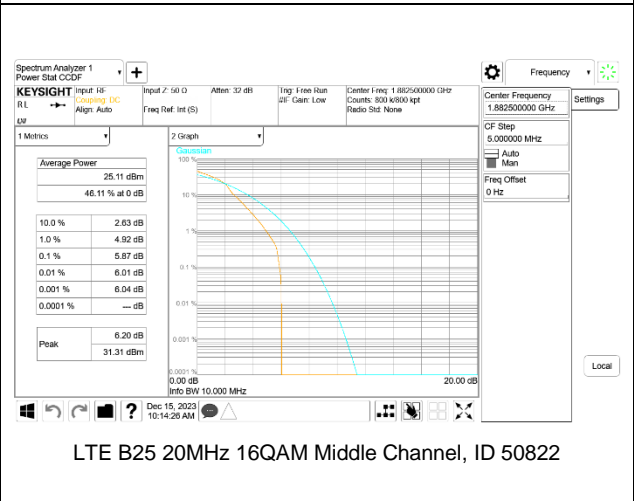
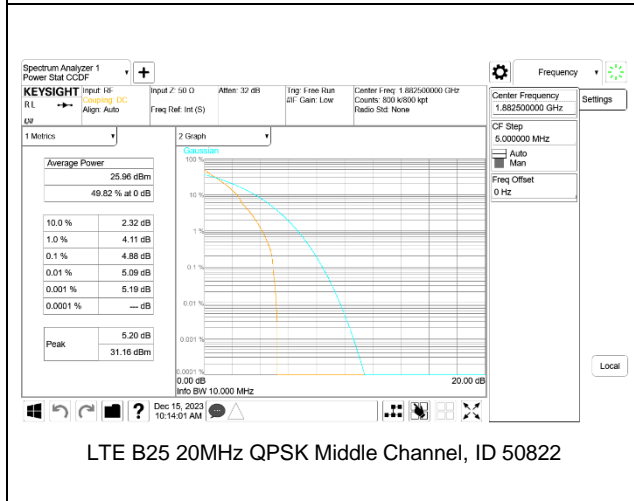
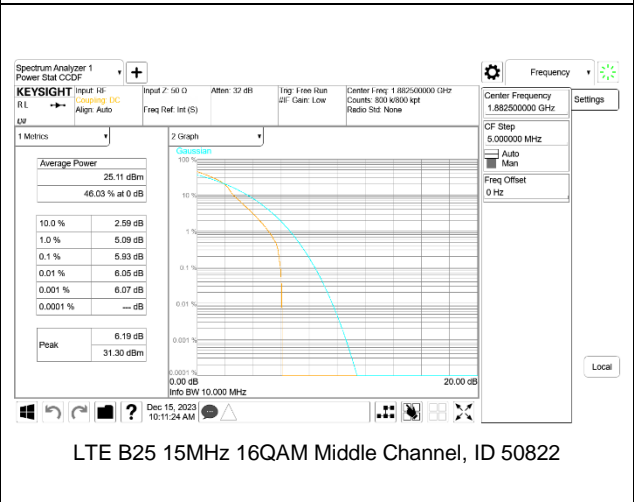
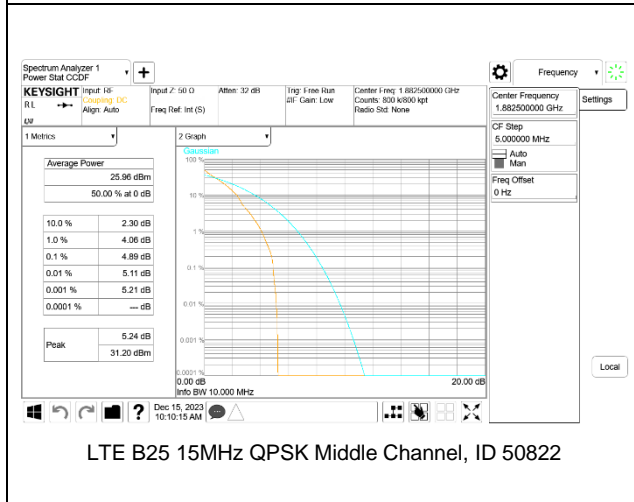
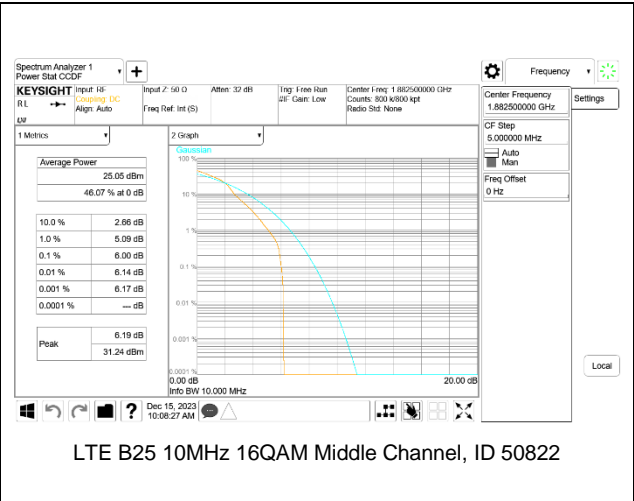
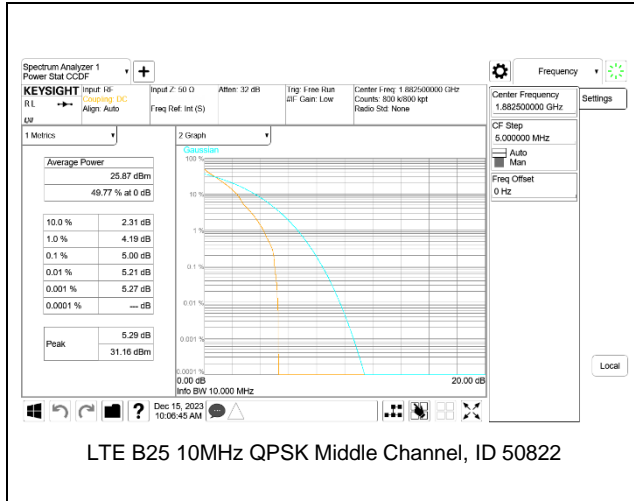


LTE B17 10MHz 16QAM Middle Channel, ID 50822

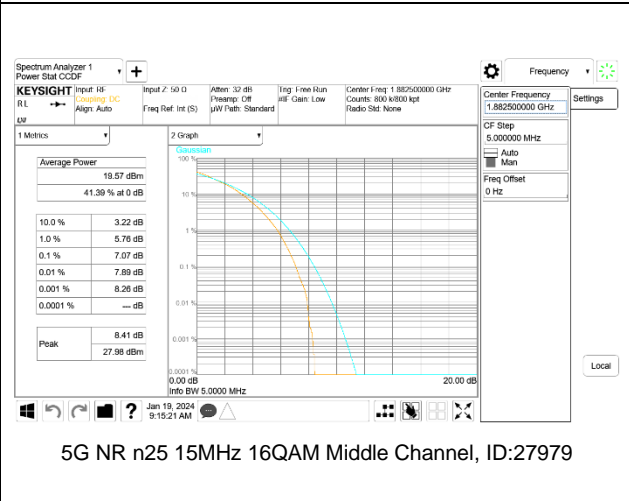
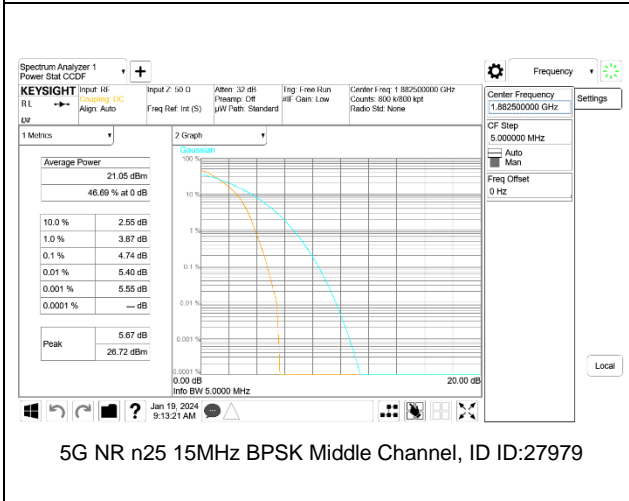
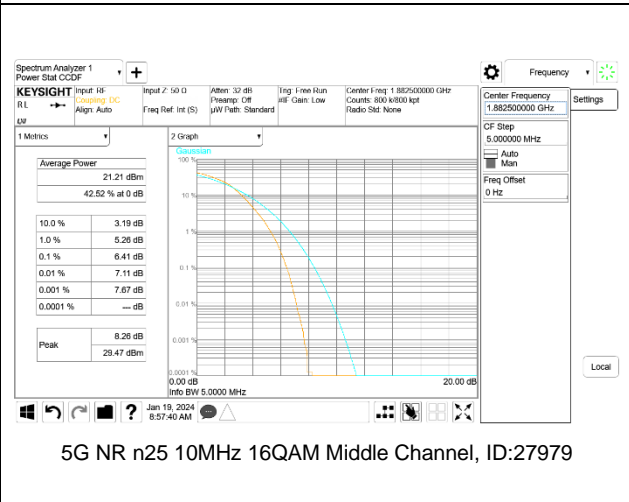
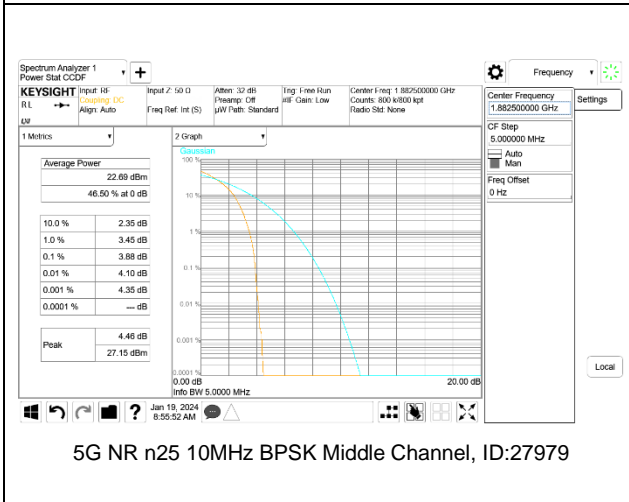
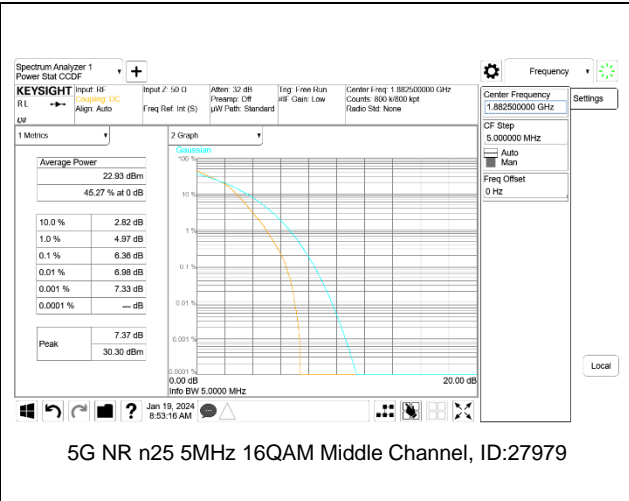
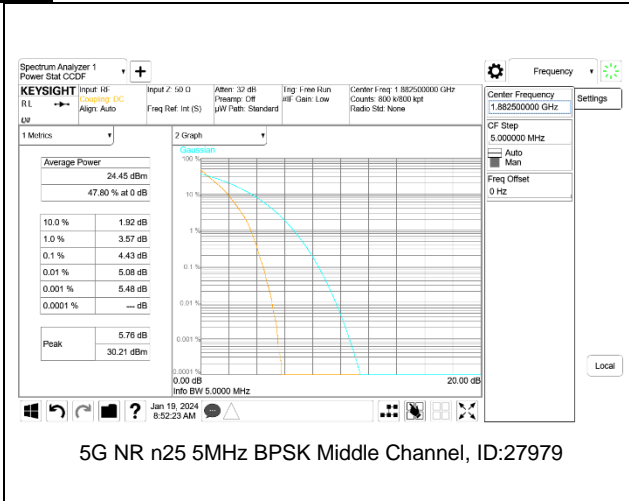
9.5.7. LTE BAND 25 AND 5G NR n25

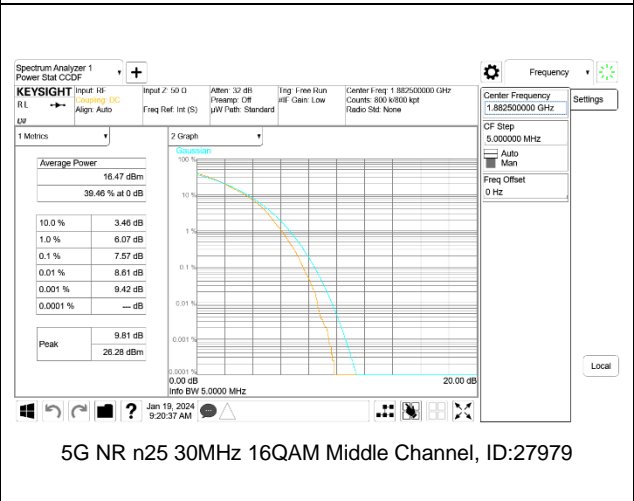
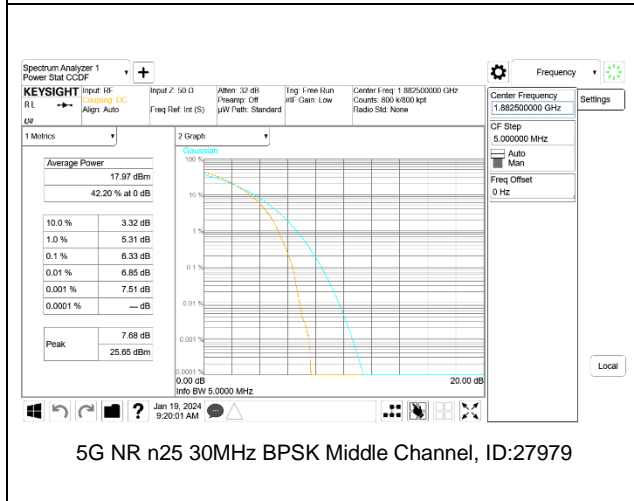
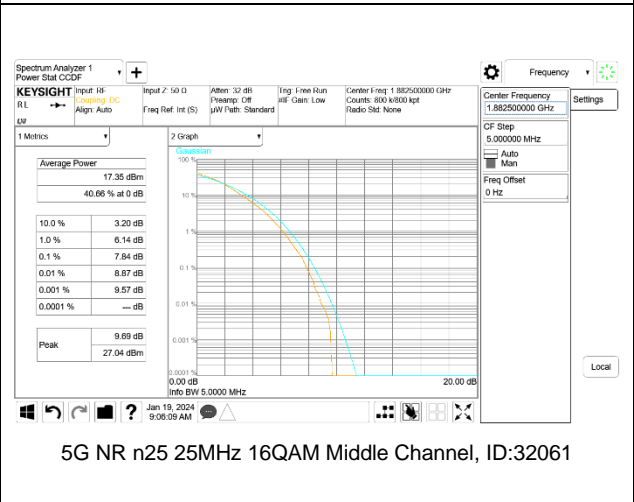
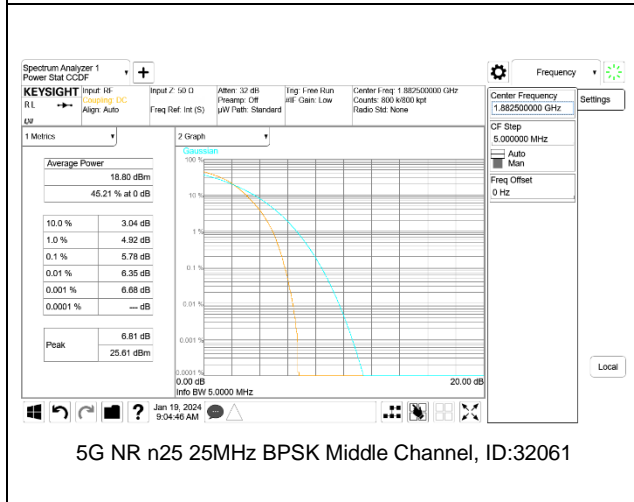
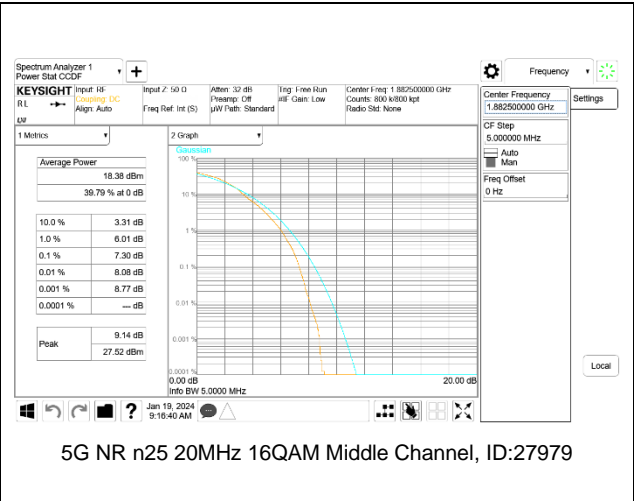
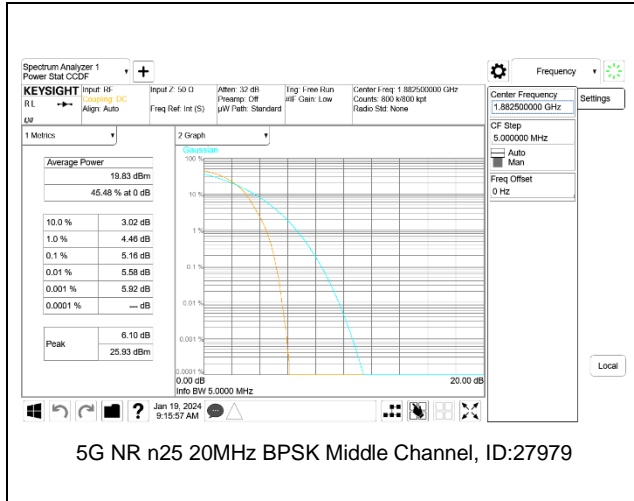
LTE BAND 25

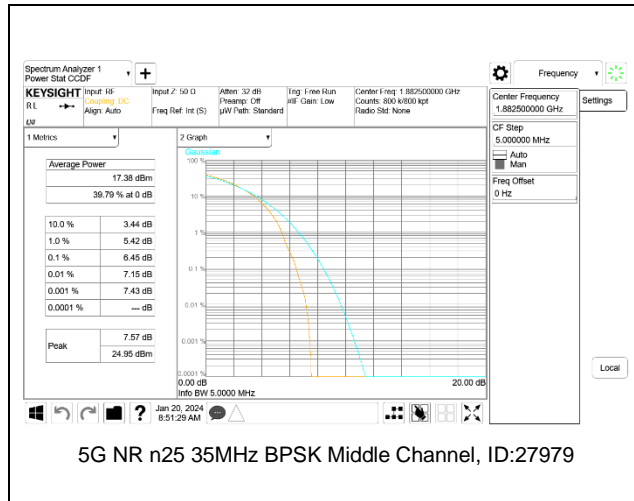




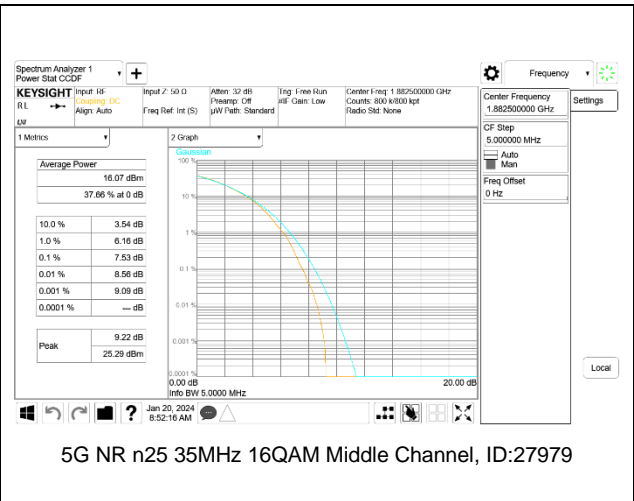
5G NR n25



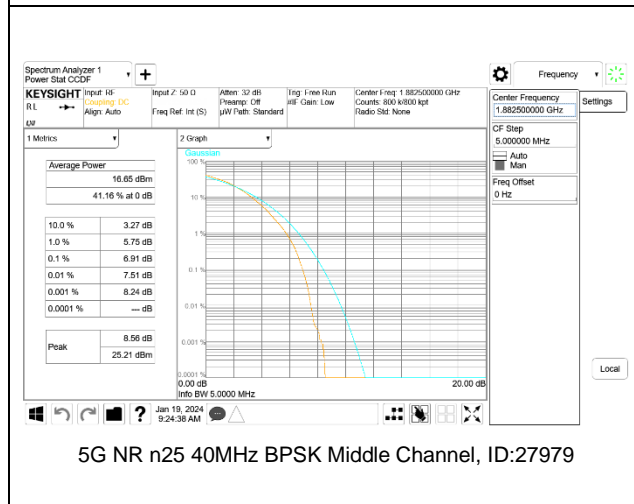




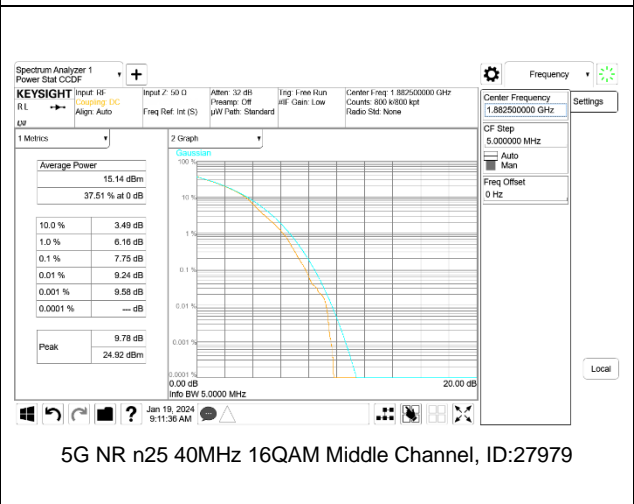
5G NR n25 35MHz BPSK Middle Channel, ID:27979



5G NR n25 35MHz 16QAM Middle Channel, ID:27979



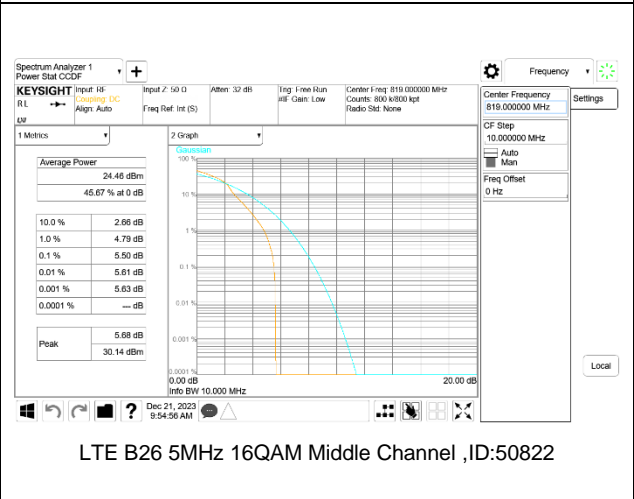
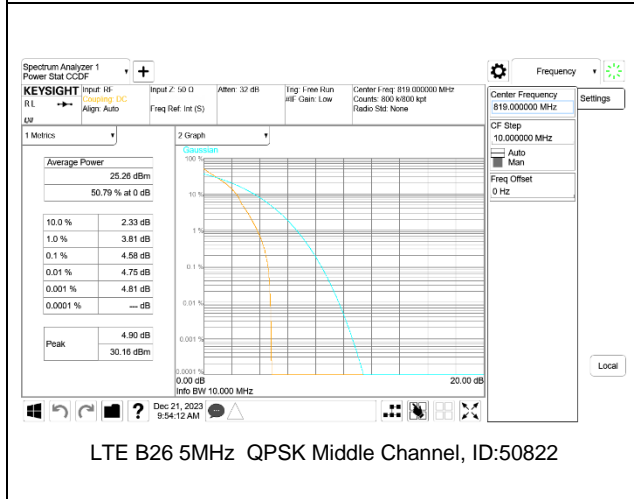
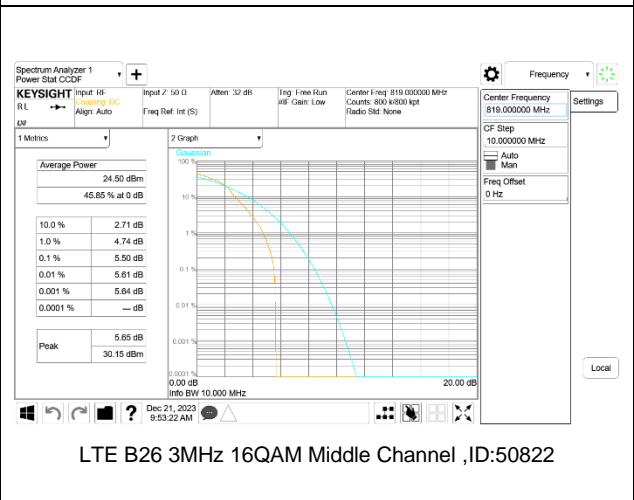
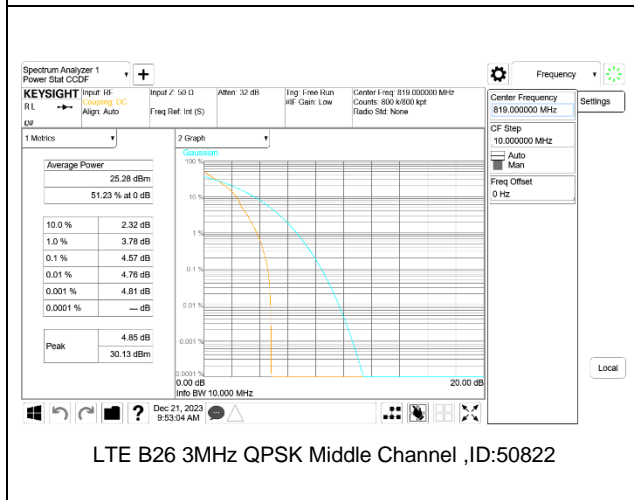
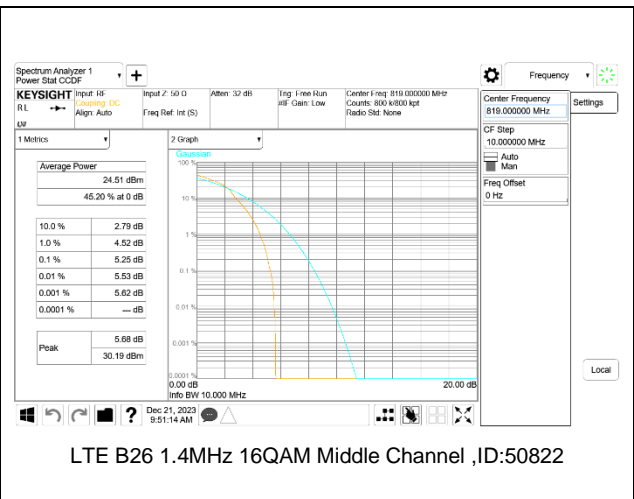
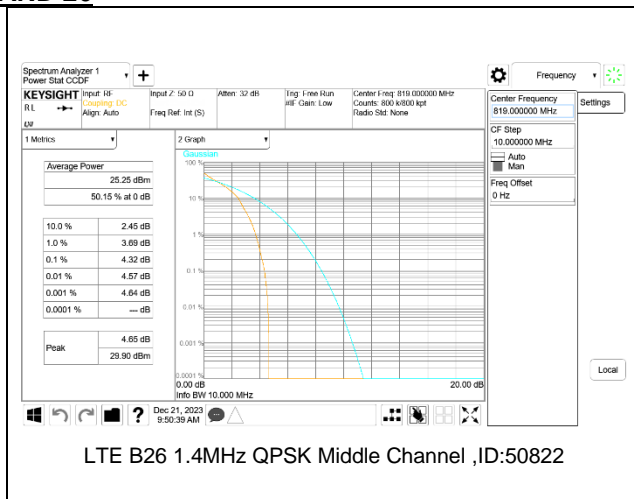
5G NR n25 40MHz BPSK Middle Channel, ID:27979

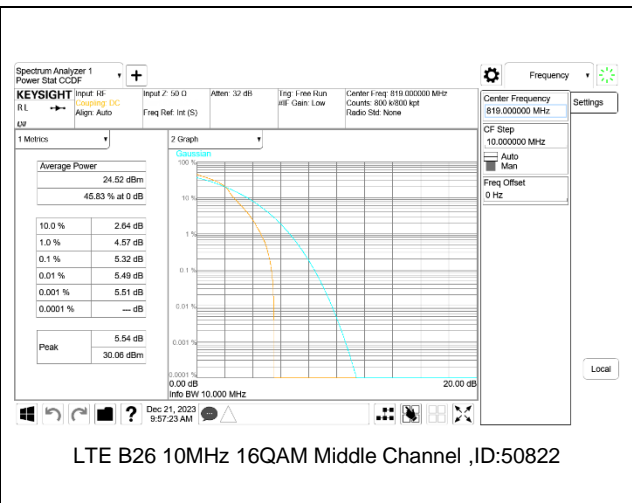
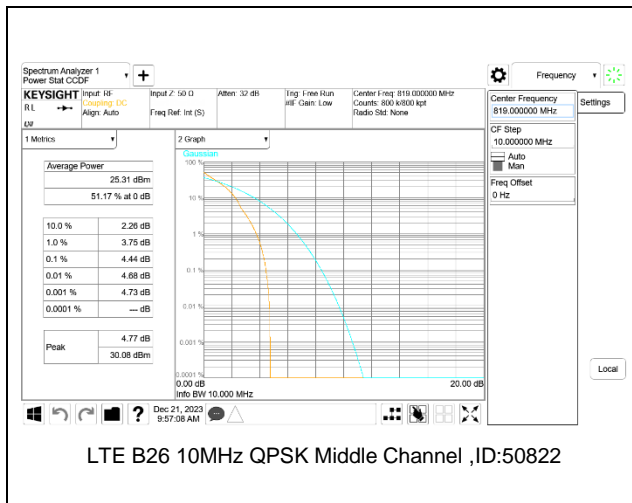


5G NR n25 40MHz 16QAM Middle Channel, ID:27979

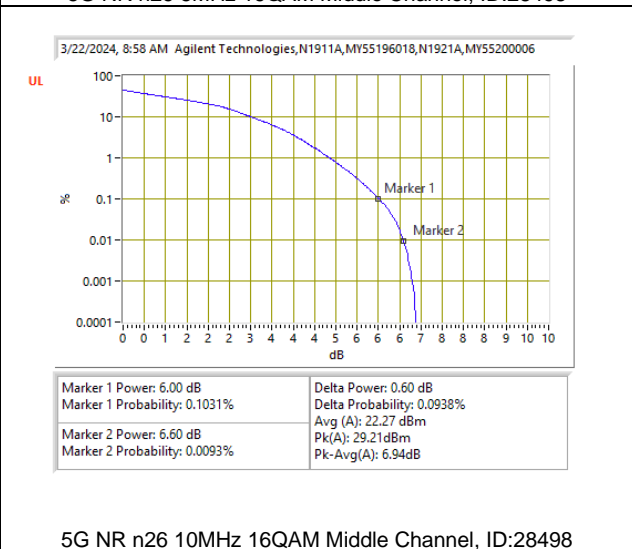
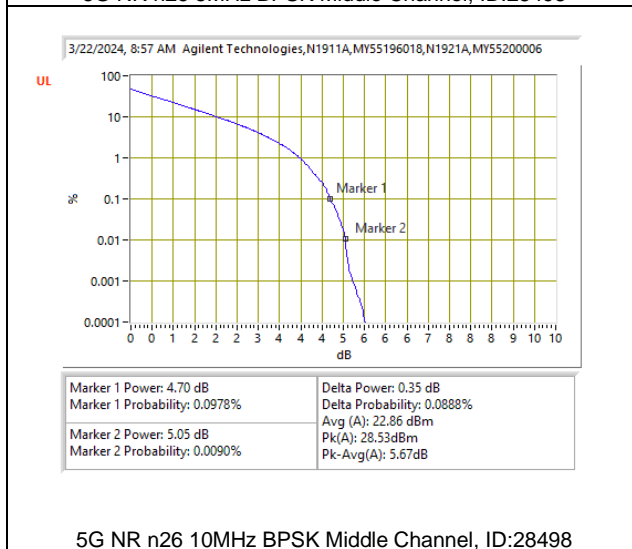
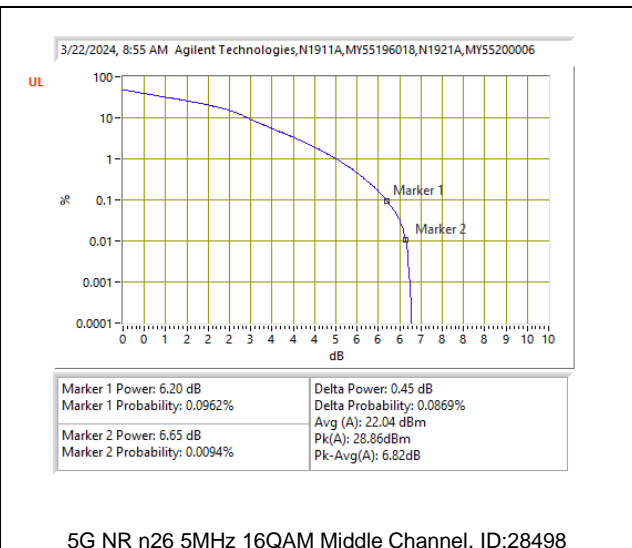
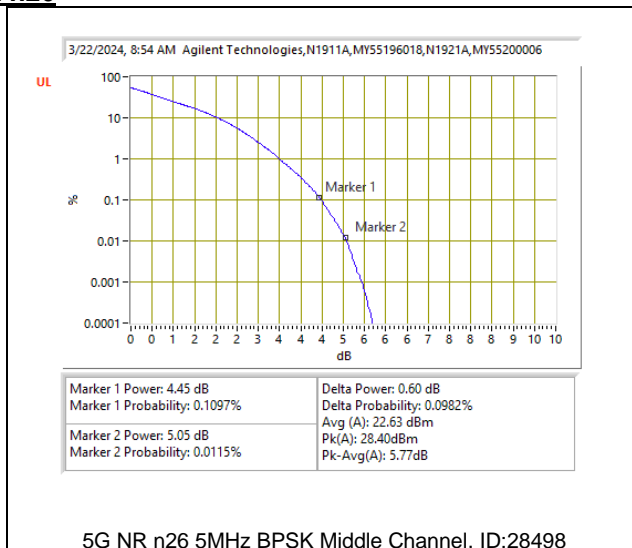
9.5.8. LTE BAND 26 AND 5G NR n26 (FCC PART 90S)

LTE BAND 26



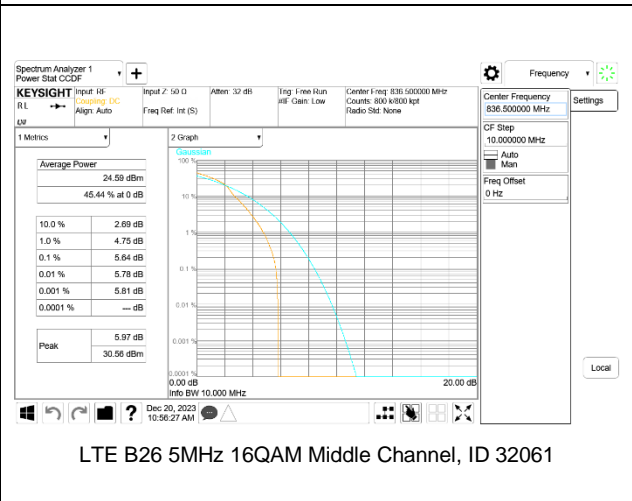
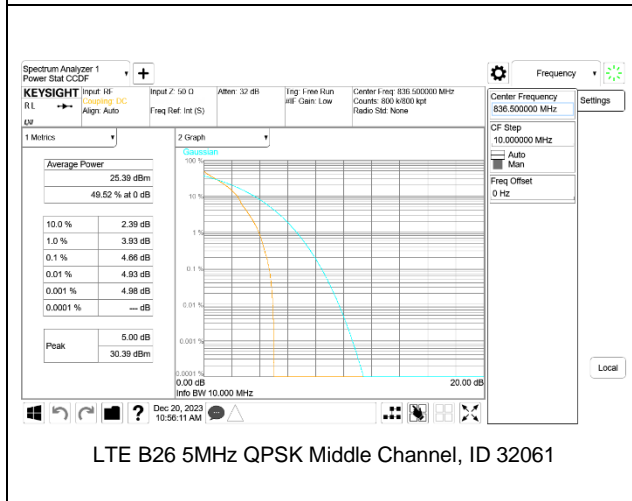
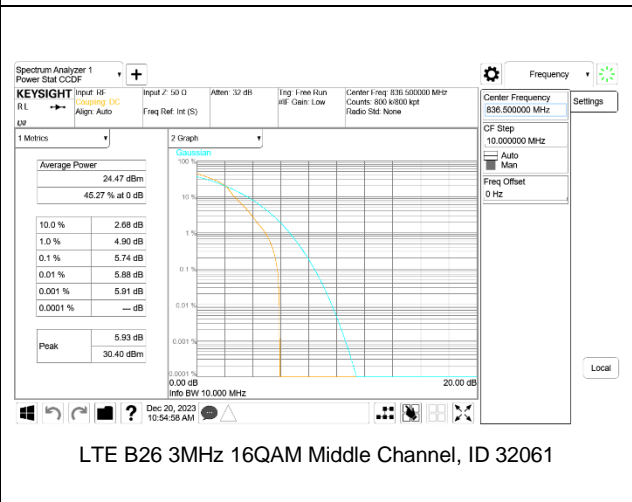
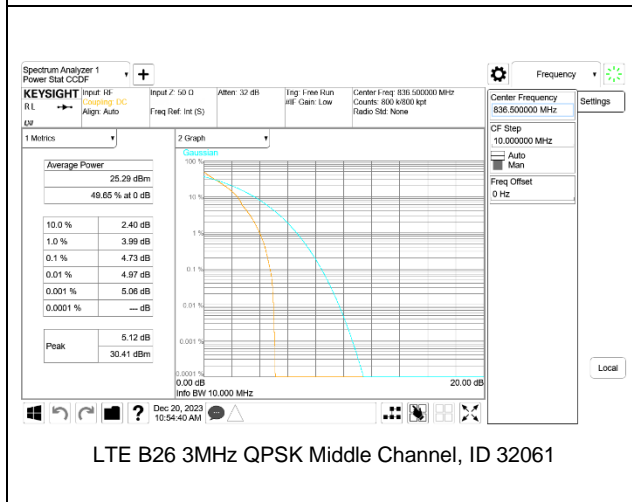
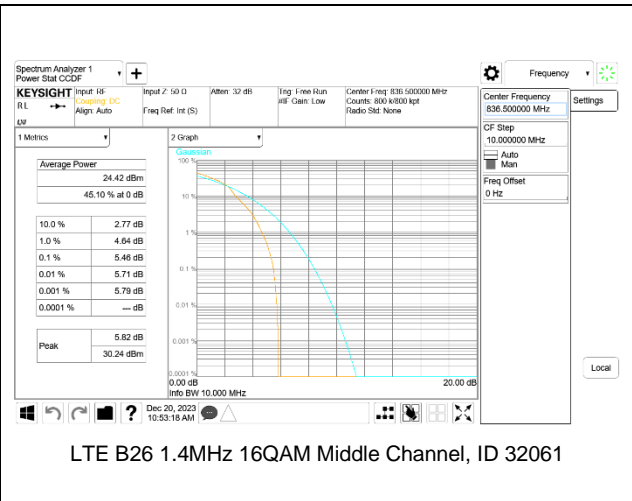
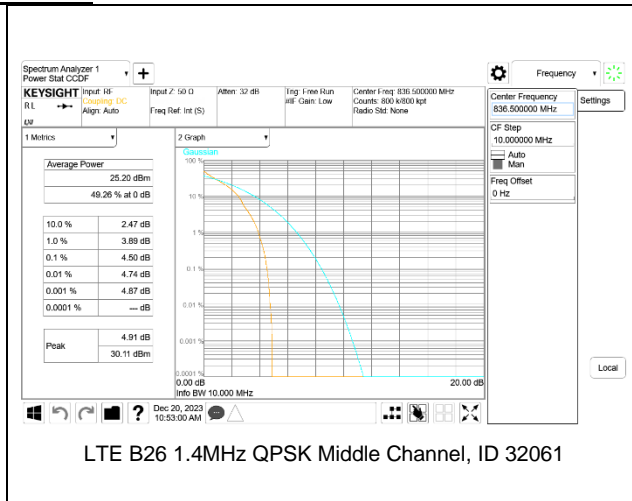


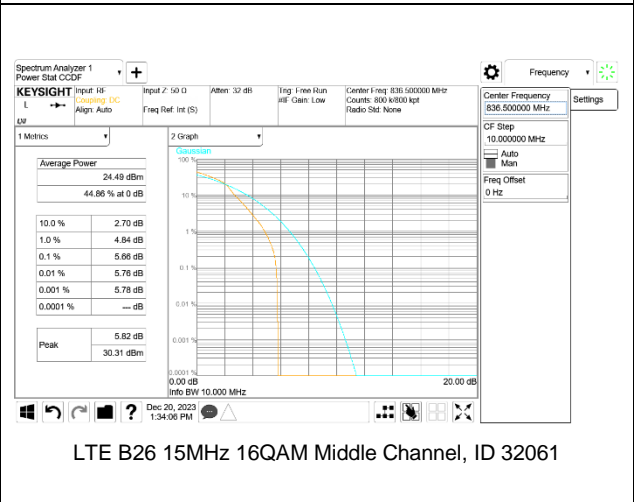
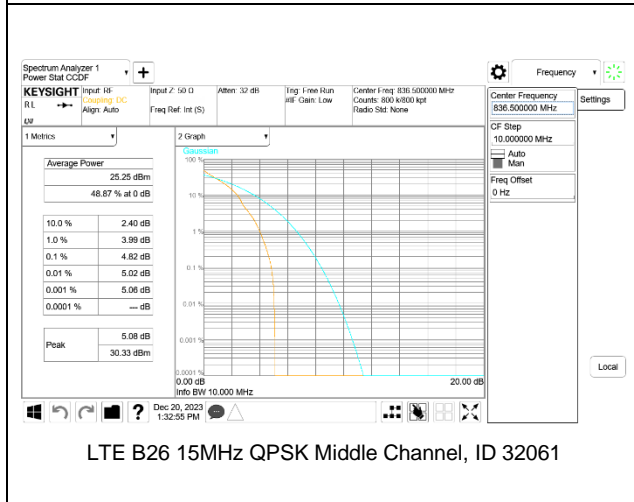
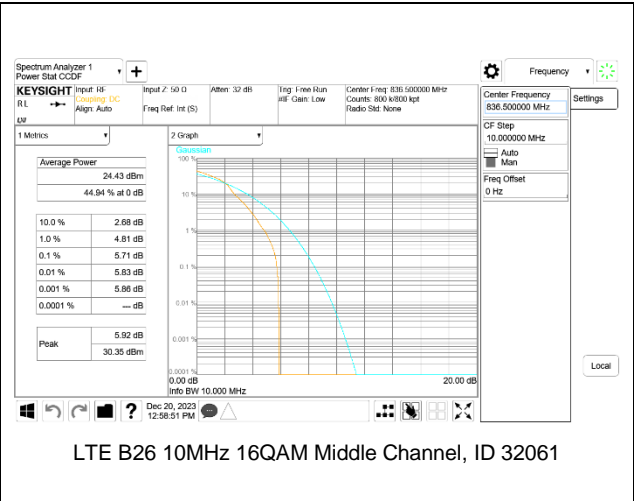
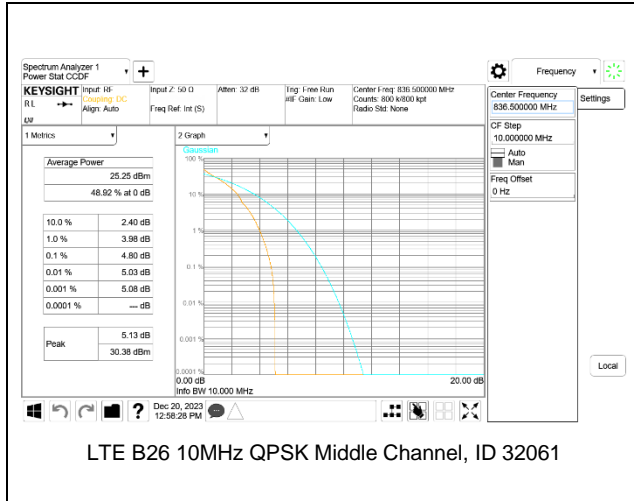
5G NR n26



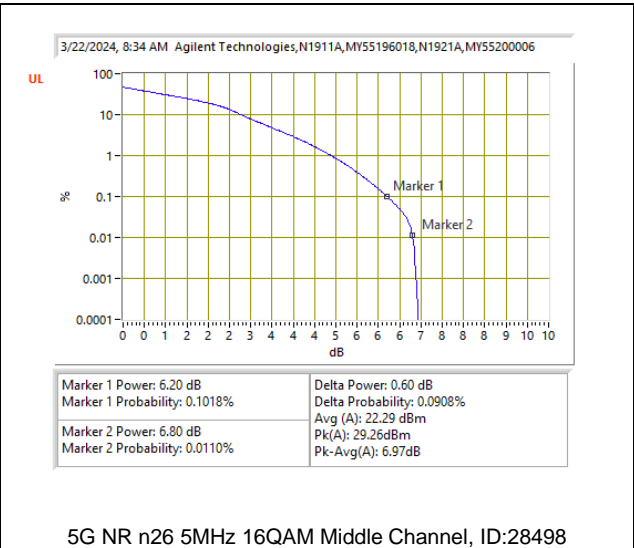
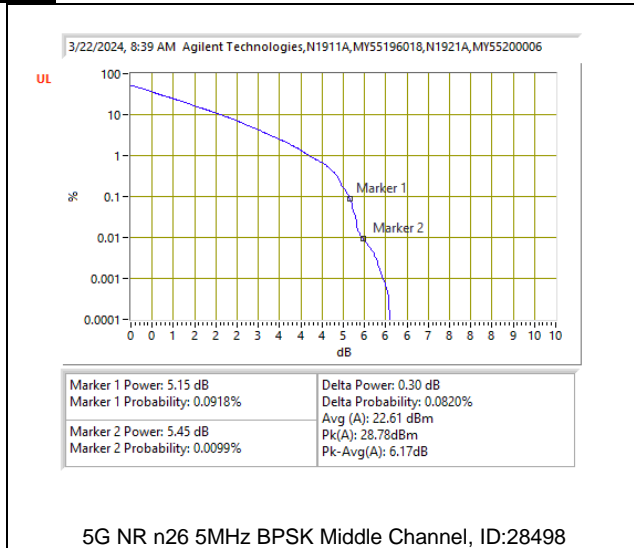
9.5.9. LTE BAND 26 AND 5G NR n26 (FCC PART 22)

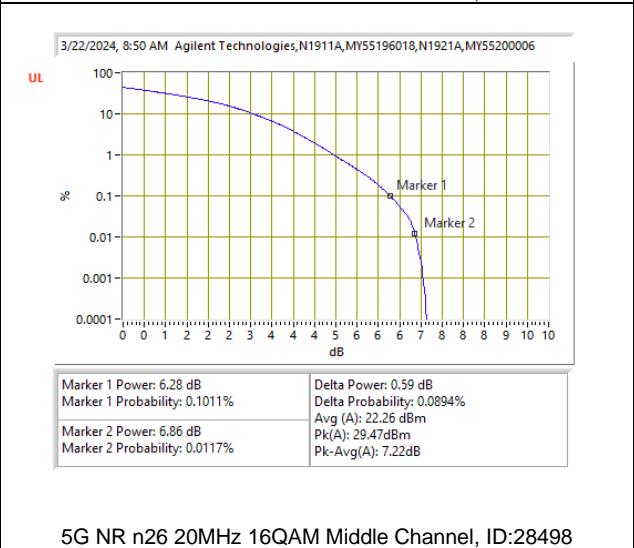
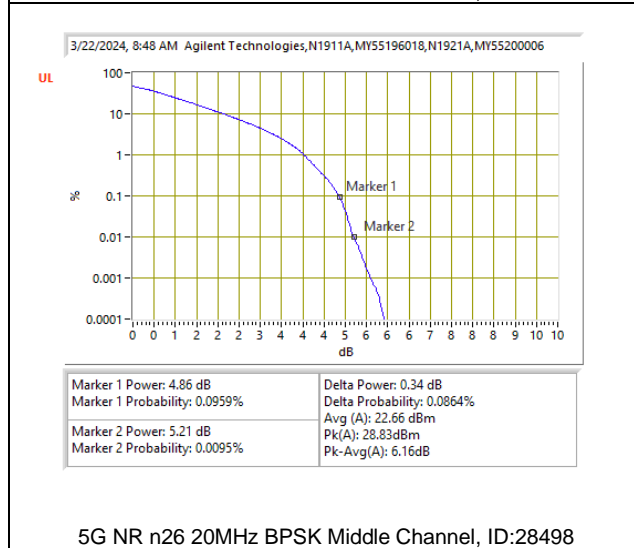
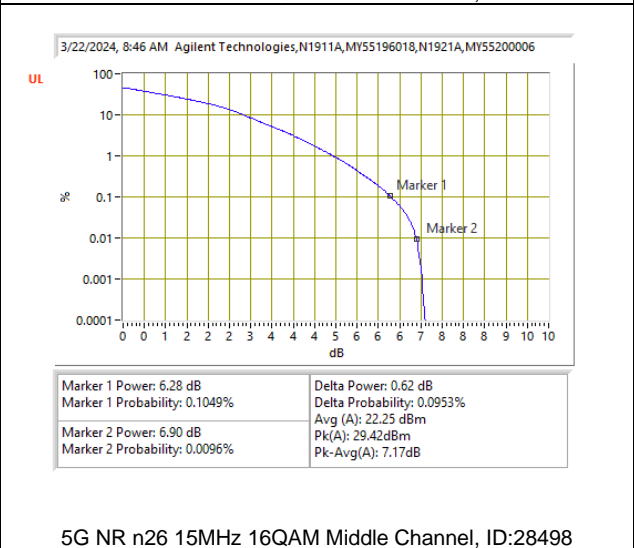
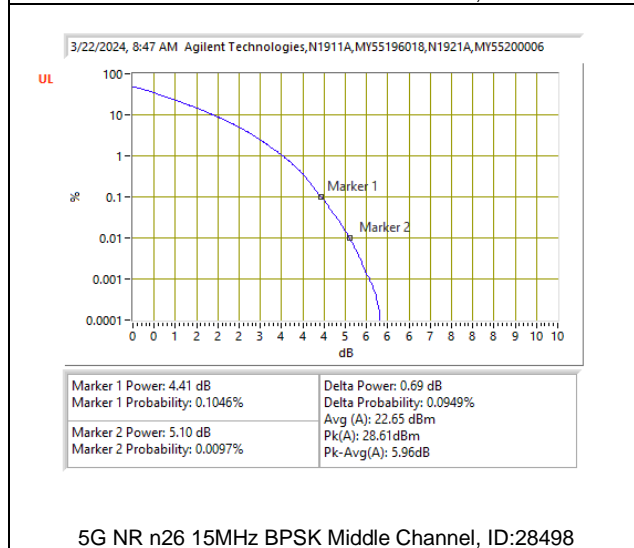
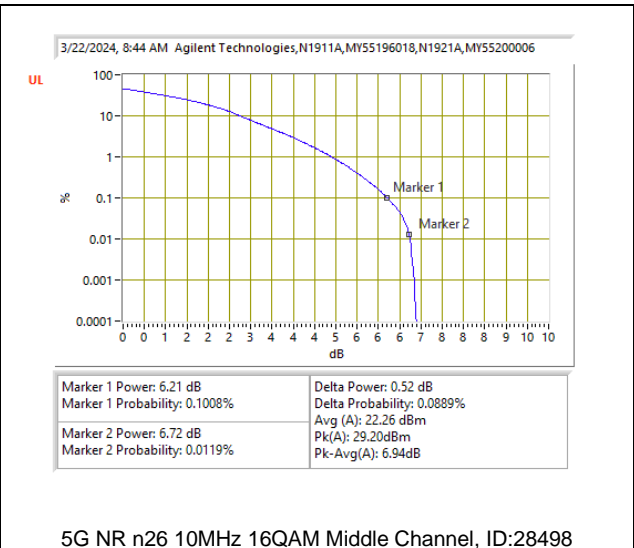
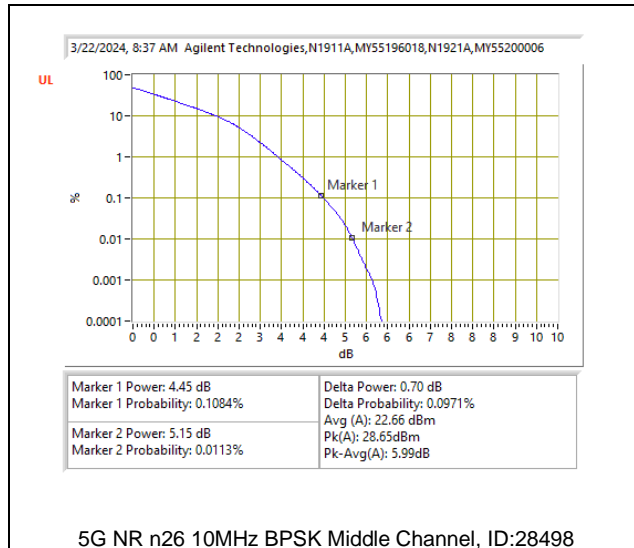
LTE BAND 26





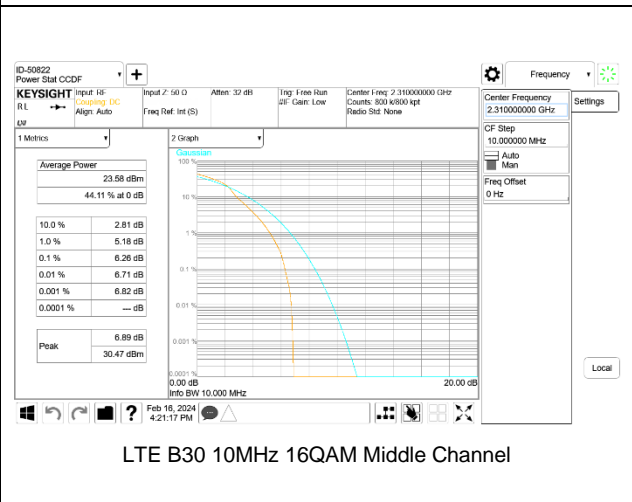
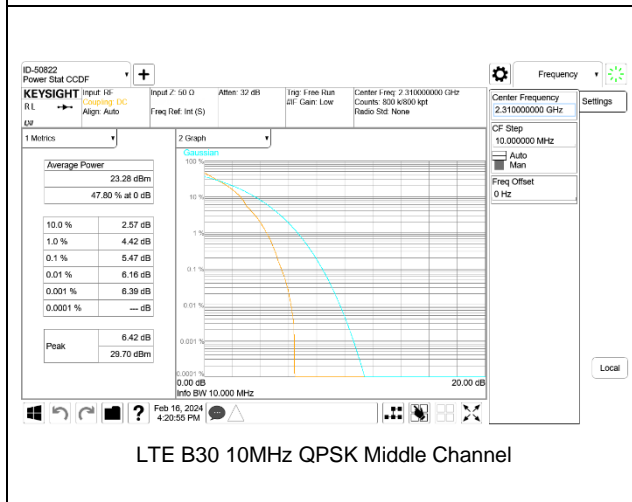
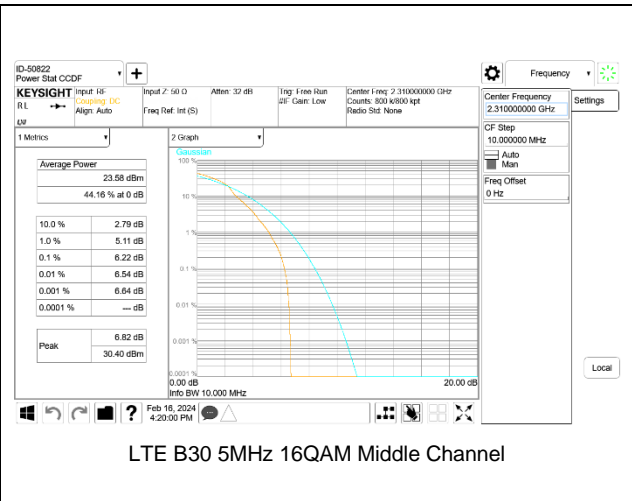
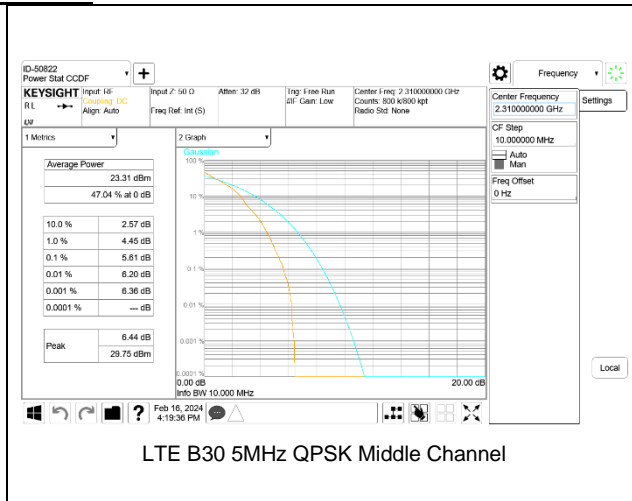
5G NR n26



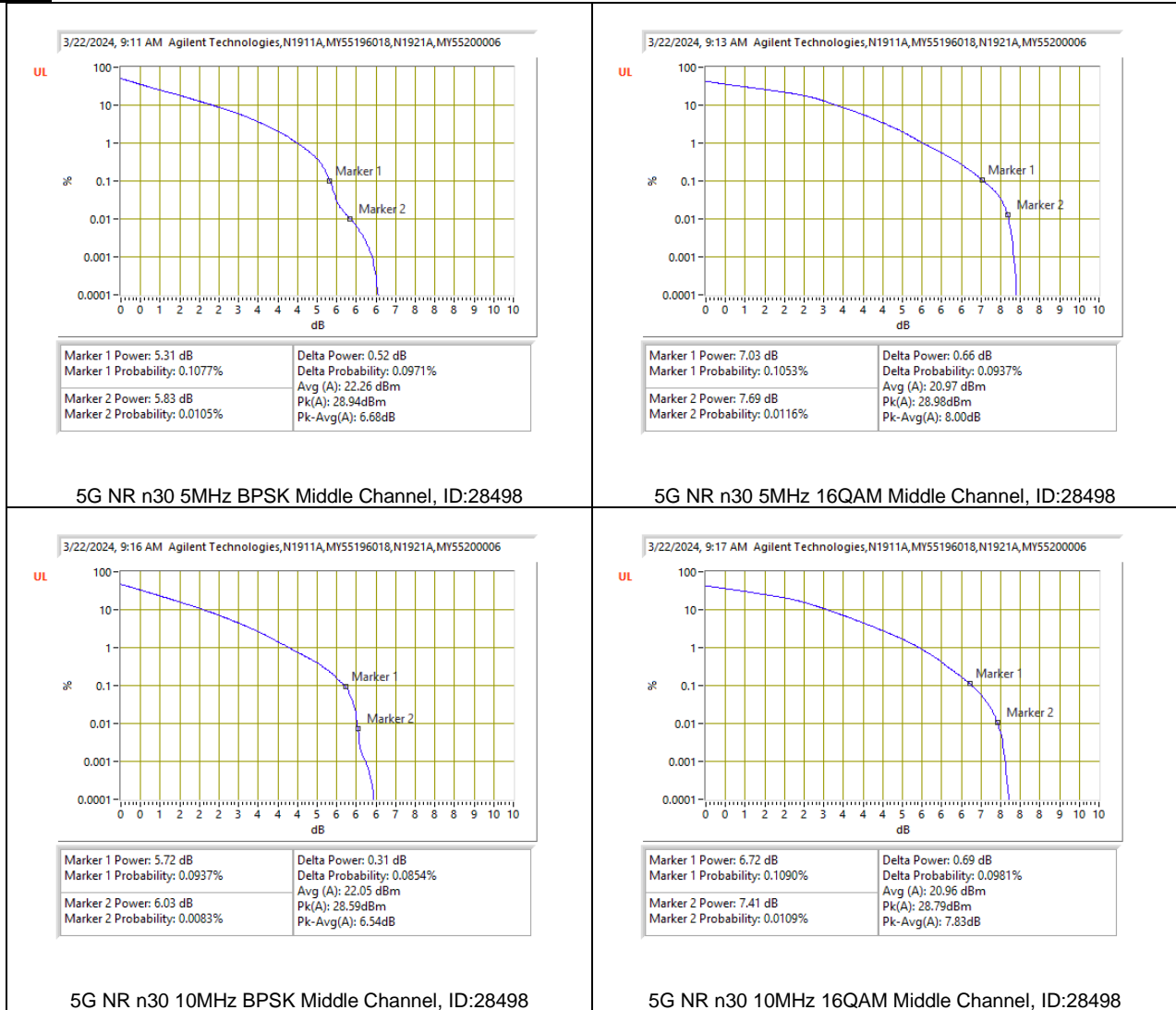


9.5.10. LTE BAND 30 AND 5G NR n30

LTE BAND 30



5G NR n30



9.5.11. LTE BAND 41 AND 5G NR n41 HPUE

Test Engineer ID:	27979	Test Date:	3/23/2024
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
Band 41	5MHz	2595.0	25	0	QPSK	31.86	26.05	*3.56
					16QAM	31.78	25.85	*2.81
	10MHz		50	0	QPSK	31.77	26.91	*2.61
					16QAM	31.68	25.80	*3.63
	15MHz		75	0	QPSK	33.89	26.19	*5.45
					16QAM	31.54	26.04	*3.25
20MHz	100		0	QPSK	32.31	26.64	*3.42	
				16QAM	31.55	26.14	*3.16	
5G NR Band n41	10MHz		24	0	BPSK	31.92	19.22	**5.7
					16QAM	31.77	17.70	**7.07
	15MHz		36	0	BPSK	31.79	19.21	**5.58
					16QAM	31.74	17.69	**7.05
	20MHz	50	0	BPSK	31.65	19.22	**5.43	
				16QAM	31.73	17.70	**7.03	
	25MHz	64	0	BPSK	31.79	17.66	**7.13	
				16QAM	31.70	17.09	**7.61	
	30MHz	75	0	BPSK	31.92	19.21	**5.71	
				16QAM	31.75	17.67	**7.08	
	40MHz	100	0	BPSK	31.85	19.20	**5.65	
				16QAM	31.65	17.64	**7.01	
	50MHz	128	0	BPSK	31.43	19.14	**5.29	
				16QAM	31.42	17.57	**6.85	
	60MHz	162	0	BPSK	31.23	19.13	**5.1	
				16QAM	31.15	17.48	**6.67	
	70MHz	180	0	BPSK	30.95	19.07	**4.88	
				16QAM	31.14	17.44	**6.7	
	80MHz	216	0	BPSK	30.59	19.07	**4.52	
				16QAM	30.82	17.44	**6.38	
	90MHz	243	0	BPSK	30.32	19.05	**4.27	
				16QAM	30.64	17.42	**6.22	
	100MHz	270	0	BPSK	30.10	19.06	**4.04	
				16QAM	30.37	17.39	**5.98	
* LTE Duty Cycle Correction Factor (dB)			2.25					

9.5.12. LTE BAND 48 AND 5G NR n48

Test Engineer ID:	27979	Test Date:	3/22/2024
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Band	Bandwidth (MHz)	Frequency (MHz)	RB Allocation	RB OffSet	Modulation	Conducted Power (dBm)		Peak-to-Average Power Ratio (dB)
						Peak	Average	
Band 48	5MHz	3625.0	25	0	QPSK	31.36	20.89	*8.22
					16QAM	32.02	20.84	*8.93
	10MHz		50	0	QPSK	31.57	20.91	*8.41
					16QAM	32.15	20.84	*9.06
	15MHz		75	0	QPSK	31.48	20.90	*8.33
					16QAM	32.19	20.81	*9.13
	20MHz		100	0	QPSK	31.51	20.91	*8.35
					16QAM	32.20	20.81	*9.14
5G NR Band n48	10MHz	3625.0	24	0	BPSK	27.14	14.18	**5.85
					16QAM	28.11	14.06	**6.94
	15MHz		36	0	BPSK	27.09	14.26	**5.72
					16QAM	28.20	14.16	**6.93
	20MHz		50	0	BPSK	27.03	14.26	**5.66
					16QAM	28.21	14.17	**6.93
	30MHz		75	0	BPSK	32.20	19.28	**5.81
					16QAM	26.47	12.14	**7.22
	40MHz		100	0	BPSK	31.97	18.79	**6.07
					16QAM	26.00	11.68	**7.21
* LTE Duty Cycle Correction Factor (dB) =			2.25					
**NR Duty Cycle Correction Factor (dB) =			7.11					
Peak-to-Average Power Ratio= Peak Reading - Average Reading - Duty Cycle Correction Factor								

9.5.13. LTE BAND 66 AND 5G NR n66

LTE BAND 66

