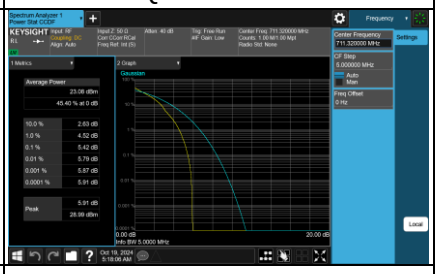
LTE Band 12_5MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
23025	700.5	4.67	5.54	6.02	6.93	13	Pass
23095	707.5	5.68	6.45	5.55	6.55	13	Pass
23165	714.5	5.42	6.46	6.38	6.99	13	Pass

Spectrum Plot

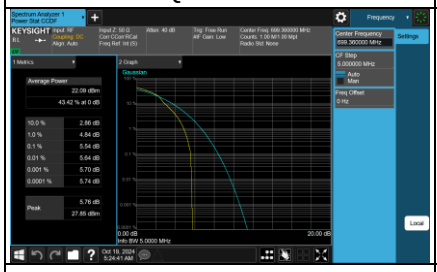
QPSK-23035

QPSK-23095

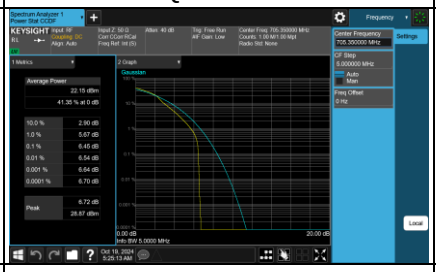
QPSK-23155



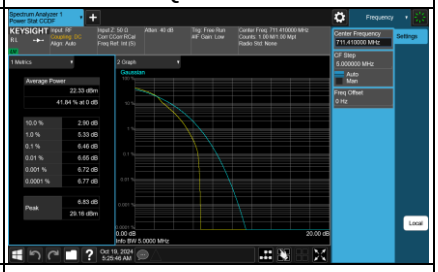
16QAM-23035



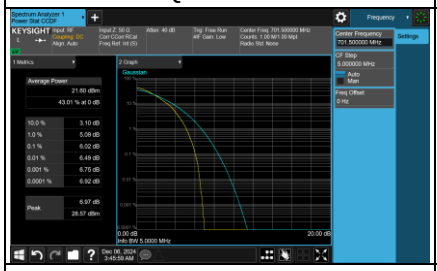
16QAM-23095



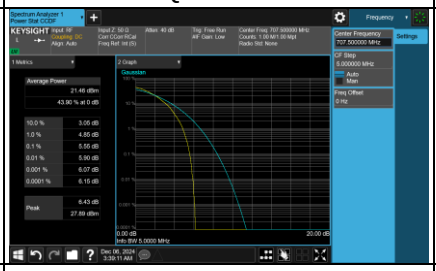
16QAM-23155



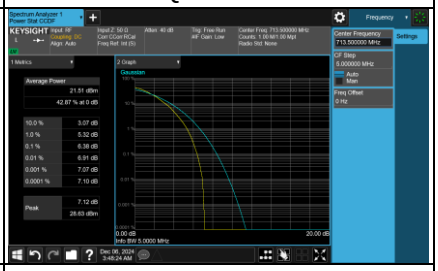
64QAM-23035



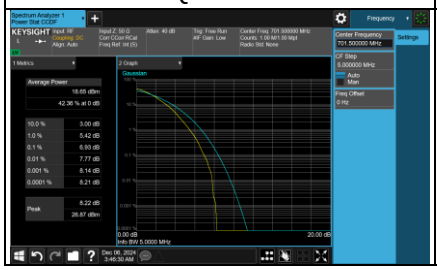
64QAM-23095



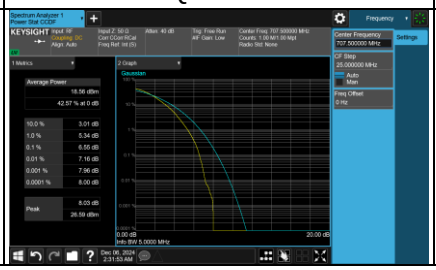
64QAM-23155



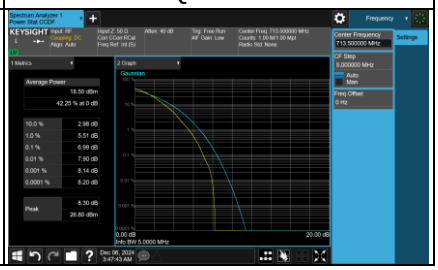
256QAM-23035



256QAM-23095



256QAM-23155



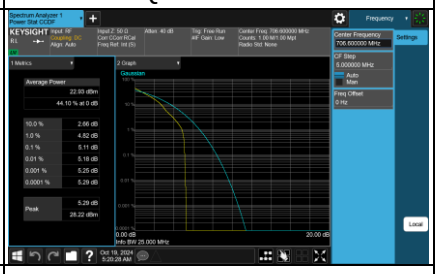
LTE Band 12_10MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
23060	704.0	4.64	5.65	5.86	7.22	13	Pass
23095	707.5	5.26	6.19	5.93	6.59	13	Pass
23130	711.0	5.11	5.94	6.23	6.88	13	Pass

Spectrum Plot

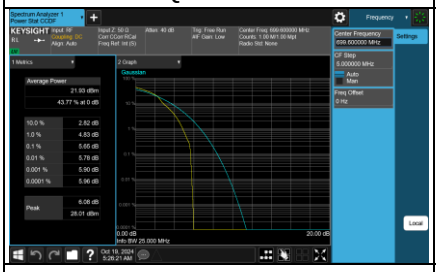
QPSK-23060

QPSK-23095

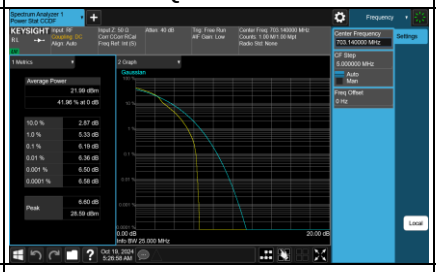
QPSK-23130



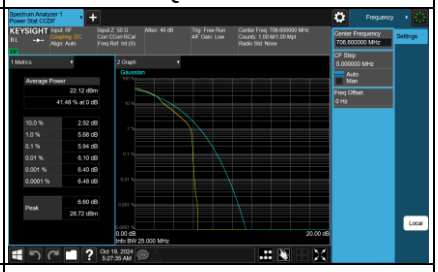
16QAM-23060



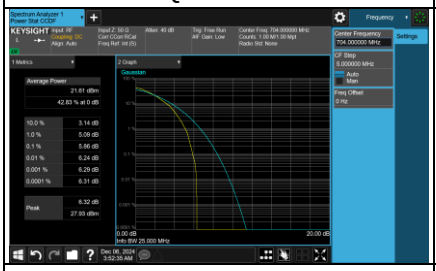
16QAM-23095



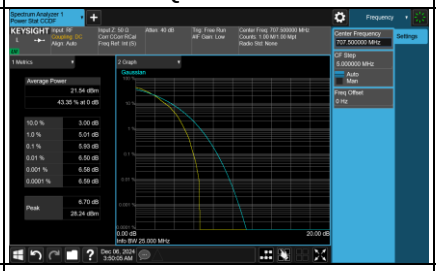
16QAM-23130



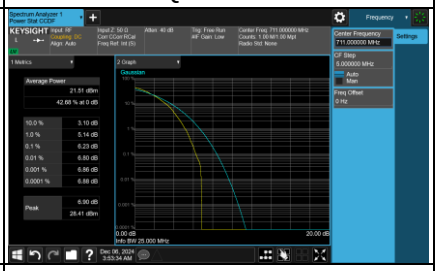
64QAM-23060



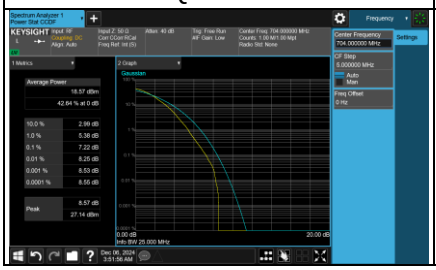
64QAM-23095



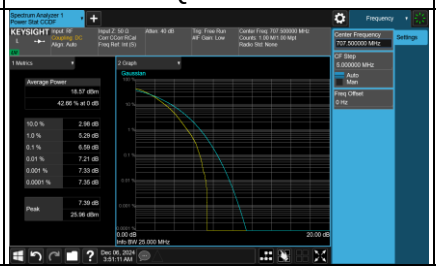
64QAM-23130



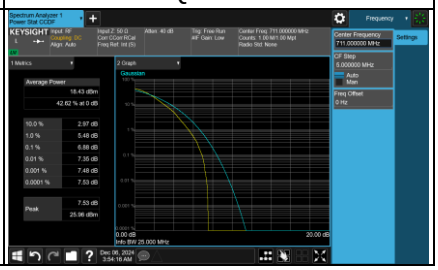
256QAM-23060



256QAM-23095



256QAM-23130



LTE Band 13_5MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
23060	704.0	5.90	6.83	6.53	7.06	13	Pass
23095	707.5	5.58	6.57	6.30	7.03	13	Pass
23130	711.0	6.10	7.06	6.50	7.09	13	Pass

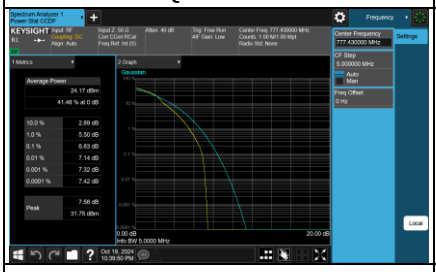
Spectrum Plot

QPSK-23205

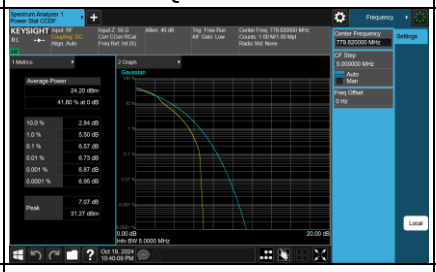
QPSK-23230

QPSK-23255

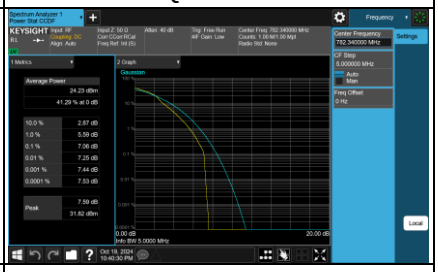
16QAM-23205



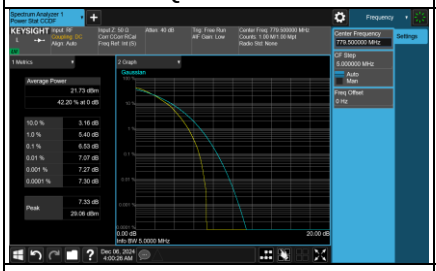
16QAM-23230



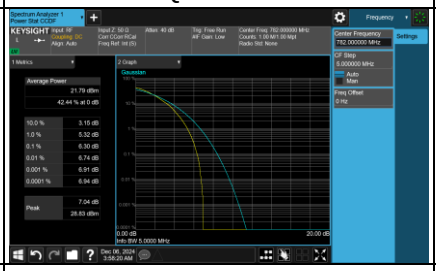
16QAM-23255



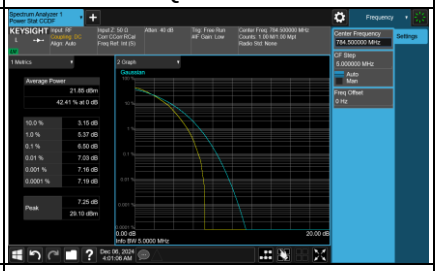
64QAM-23205



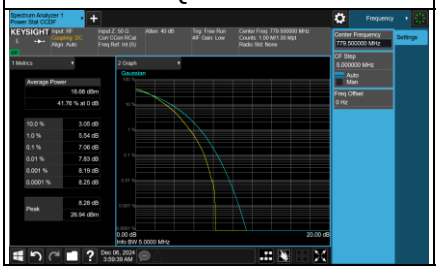
64QAM-23230



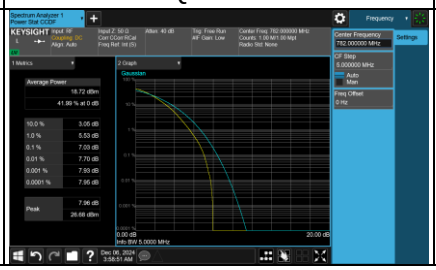
64QAM-23255



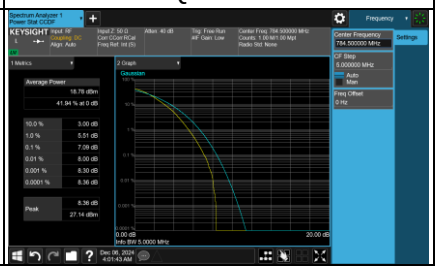
256QAM-23205



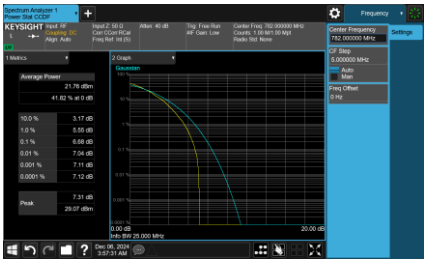
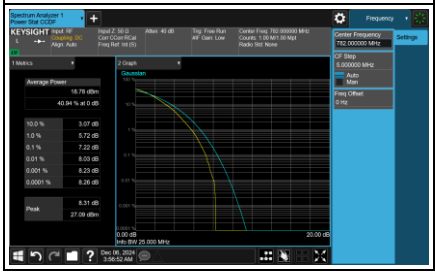
256QAM-23230



256QAM-23255



LTE Band 13_10MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
23230	782.0	6.01	7.06	6.68	7.22	13	Pass

Spectrum Plot		
QPSK-23230	16QAM-23230	64QAM-23230
		
256QAM-23230	-	-
		

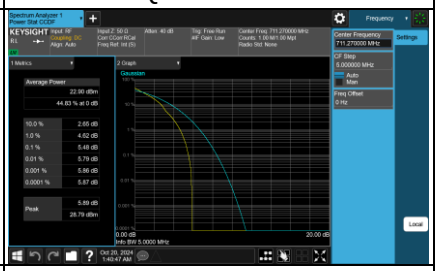
LTE Band 17_5MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
23755	706.5	5.92	6.78	5.88	13	Pass
23790	710	4.99	5.67	6.05	13	Pass
23825	713.5	5.48	6.46	6.06	13	Pass

Spectrum Plot

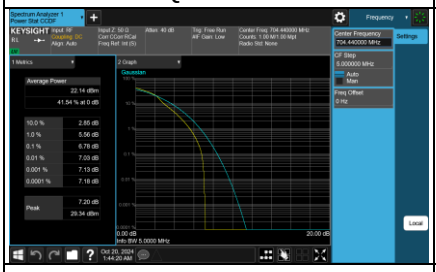
QPSK-23755

QPSK-23790

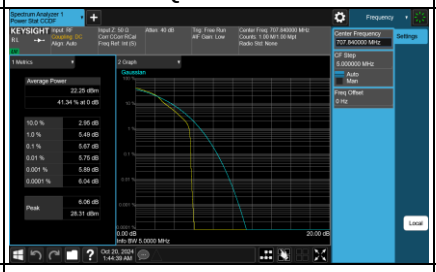
QPSK-23825



16QAM-23755

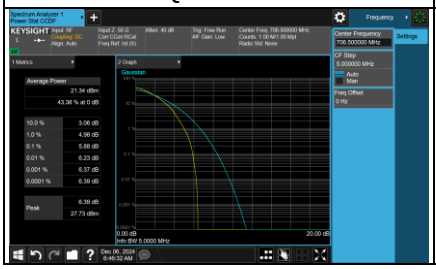


16QAM-23790

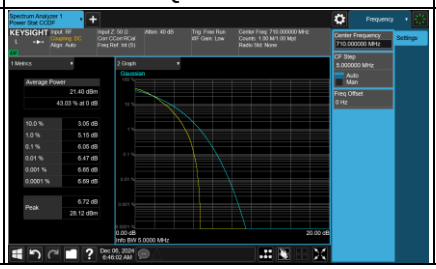


16QAM-23825

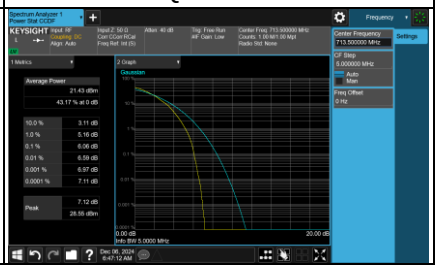
64QAM-23755



64QAM-23790



64QAM-23825



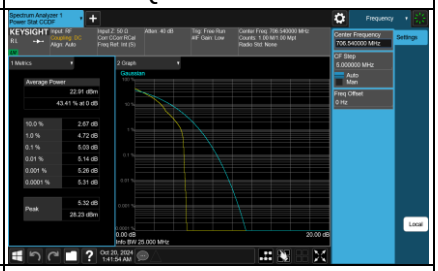
LTE Band 17_10MHz						
Channel	Frequency (MHz)	Peak To Average Ratio (dB)			Max. Limit (dB)	Result
		QPSK	16QAM	64QAM		
23780	709	5.74	6.81	5.81	13	Pass
23790	710	5.35	6.10	5.92	13	Pass
23800	711	5.03	5.86	5.84	13	Pass

Spectrum Plot

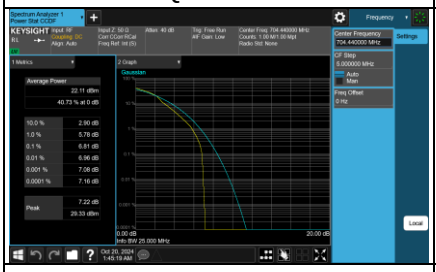
QPSK-23780

QPSK-23790

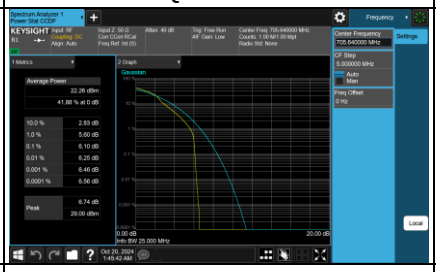
QPSK-23800



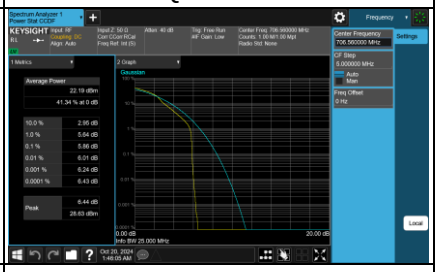
16QAM-23780



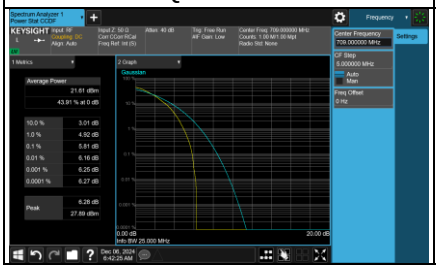
16QAM-23790



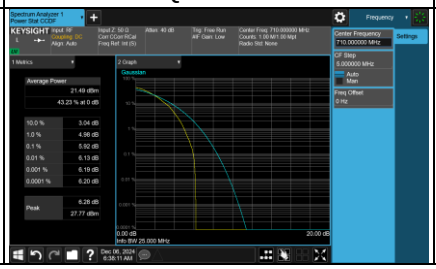
16QAM-23800



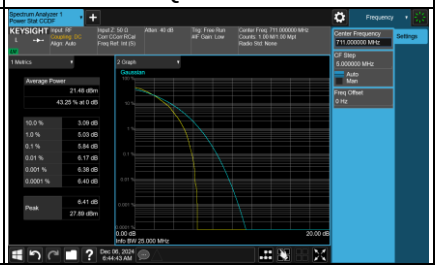
64QAM-23780



64QAM-23790



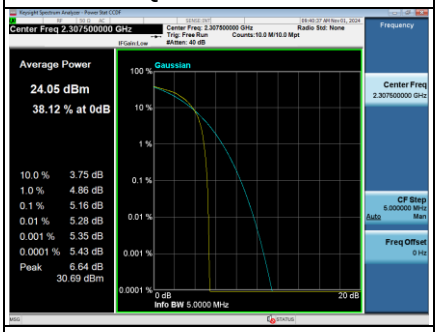
64QAM-23800



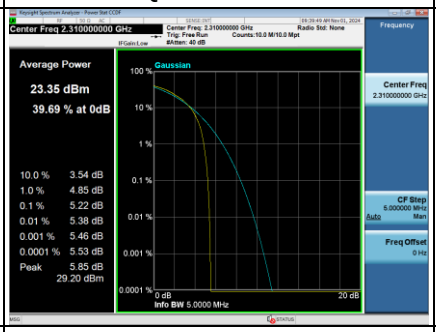
LTE Band 30_5MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
27685	2307.5	5.16	6.22	7.12	7.02	13	Pass
27710	2310	5.22	5.72	6.92	7.22	13	Pass
27735	2312.5	4.80	5.34	6.67	7.13	13	Pass

Spectrum Plot

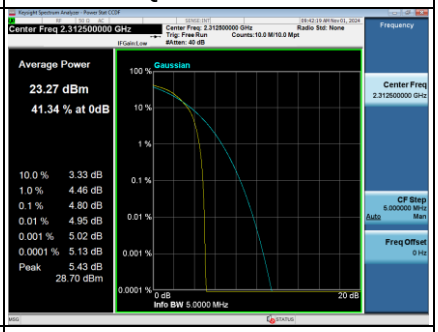
QPSK-27685



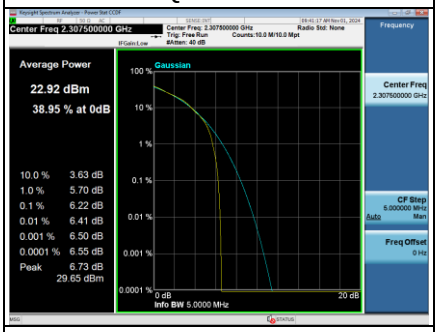
QPSK-27710



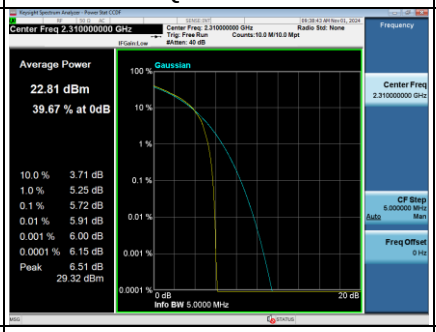
QPSK-27735



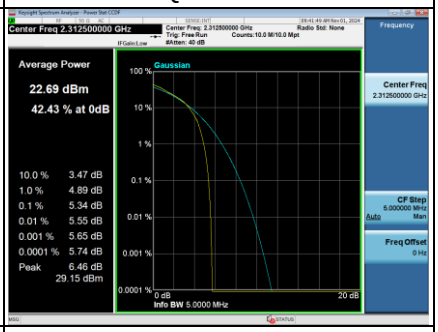
16QAM-27685



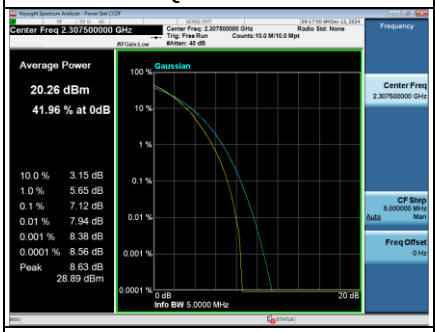
16QAM-27710



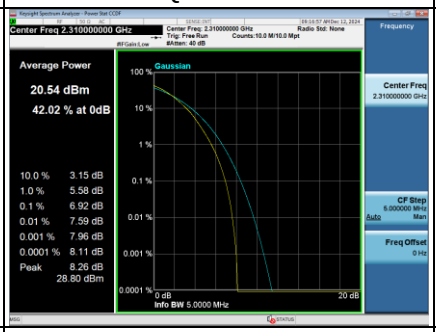
16QAM-27735



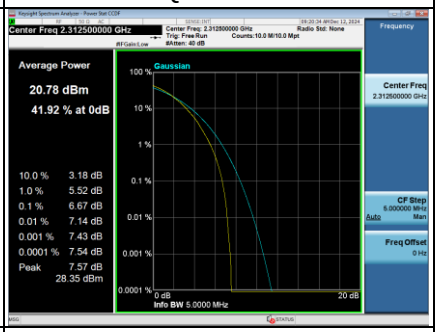
64QAM-27685



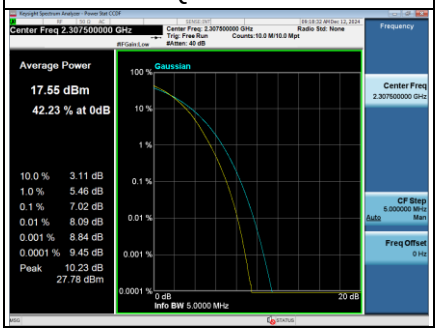
64QAM-27710



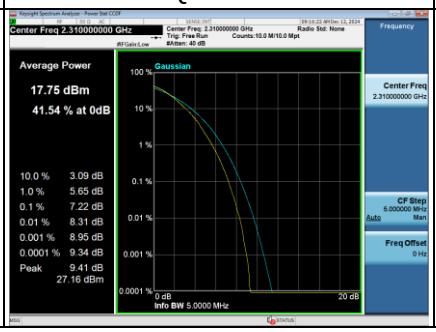
64QAM-27735



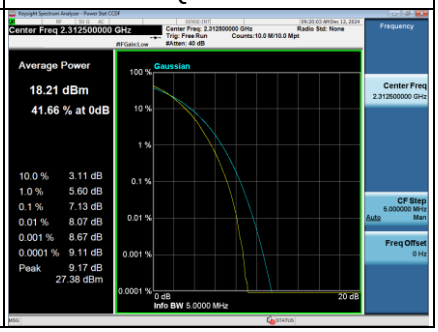
256QAM-27685



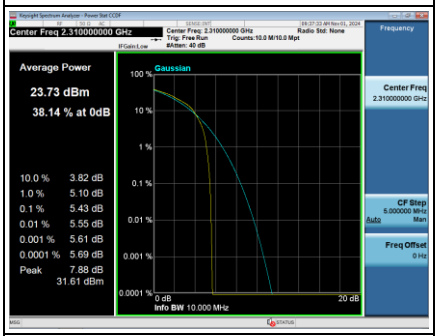
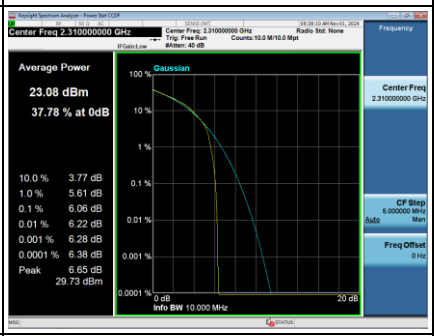
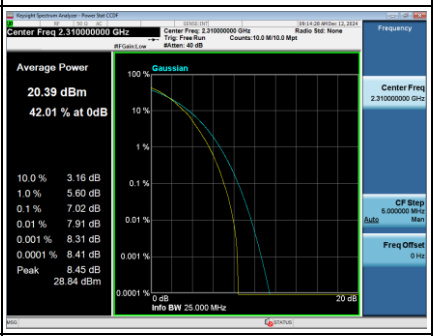
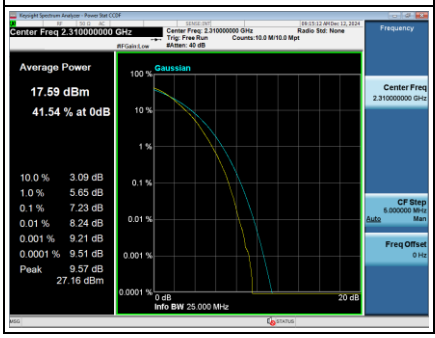
256QAM-27710



256QAM-27735



LTE Band 30_10MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
27710	2310	5.43	6.06	7.02	7.23	13	Pass

Spectrum Plot		
QPSK-27710	16QAM-27710	64QAM-27710
		
256QAM-27710	-	-
	-	-

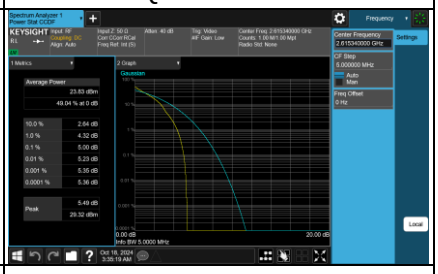
LTE Band 38_5MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
37775	2572.5	6.13	6.89	9.38	8.95	13	Pass
38000	2595	5.40	6.77	8.12	9.08	13	Pass
38225	2617.5	5.00	6.03	7.79	8.70	13	Pass

Spectrum Plot

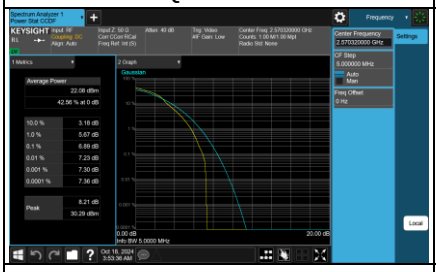
QPSK-37775

QPSK-38000

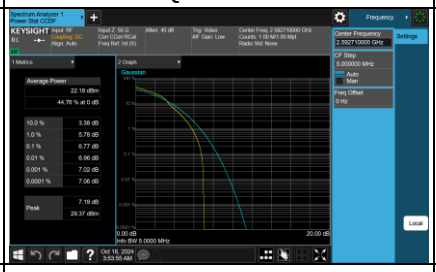
QPSK-38225



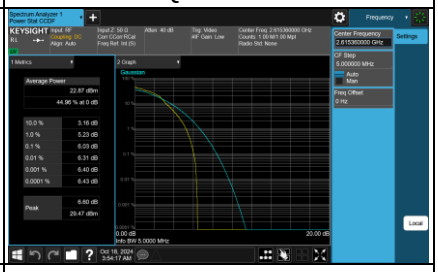
16QAM-37775



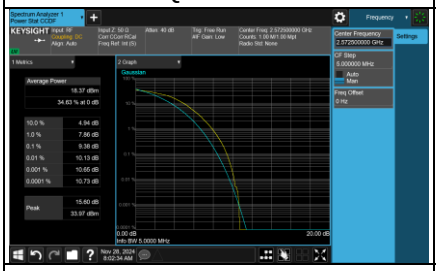
16QAM-38000



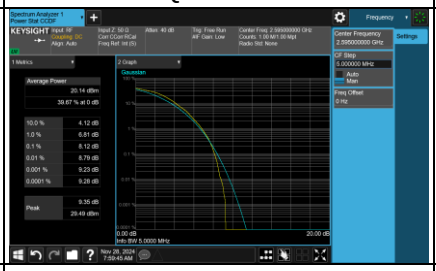
16QAM-38225



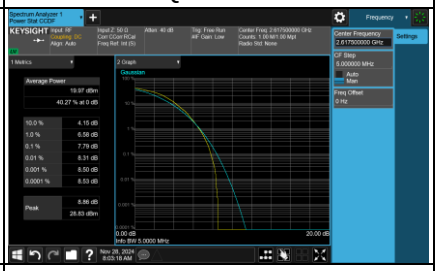
64QAM-37775



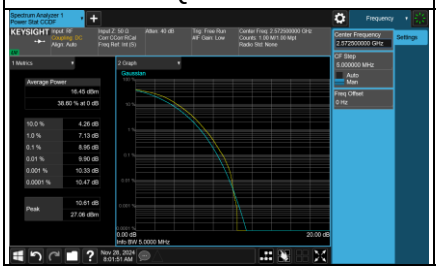
64QAM-38000



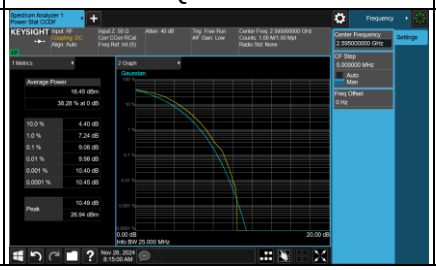
64QAM-38225



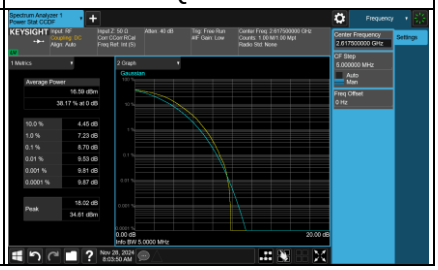
256QAM-37775



256QAM-38000



256QAM-38225



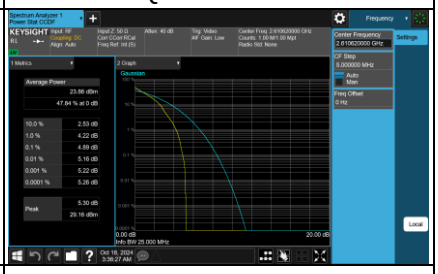
LTE Band 38_10MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
37800	2575	6.17	7.03	8.29	8.63	13	Pass
38000	2595	5.15	6.24	8.04	8.45	13	Pass
38200	2615	4.89	5.80	8.76	8.75	13	Pass

Spectrum Plot

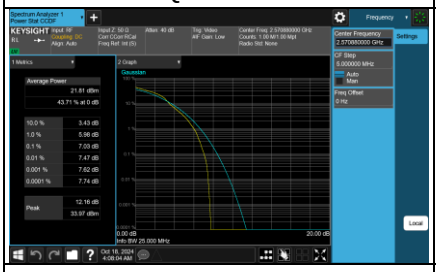
QPSK-37800

QPSK-38000

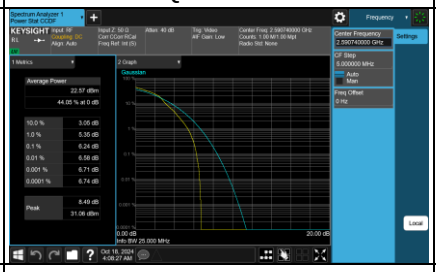
QPSK-38200



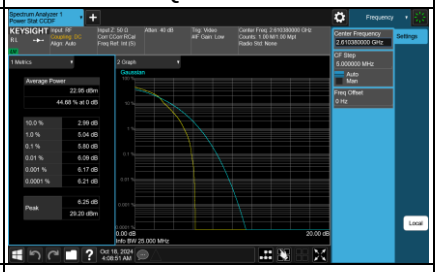
16QAM-37800



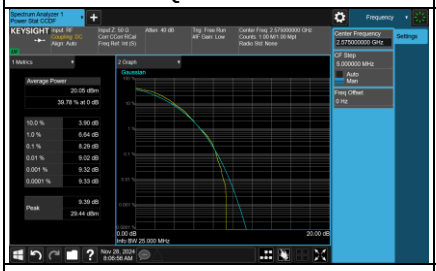
16QAM-38000



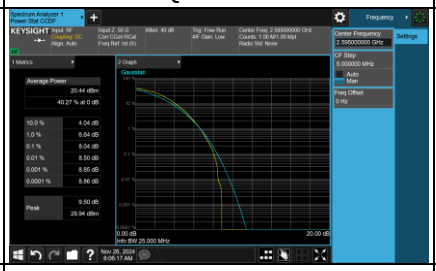
16QAM-38200



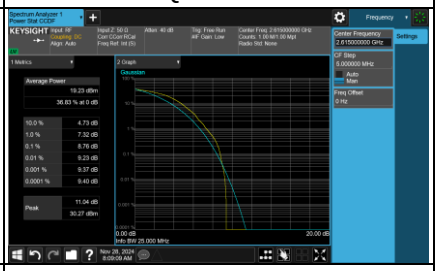
64QAM-37800



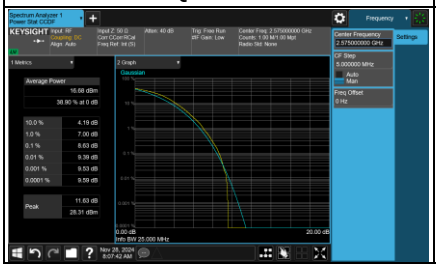
64QAM-38000



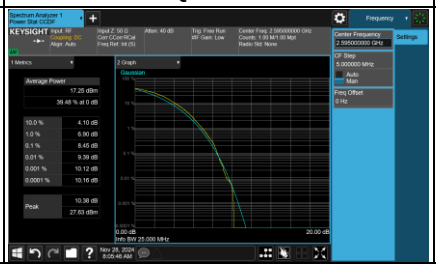
64QAM-38200



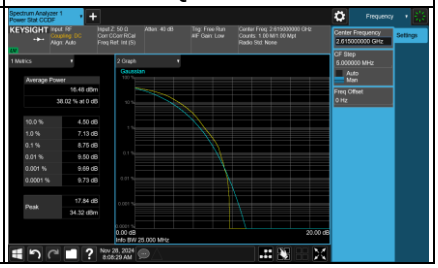
256QAM-37800



256QAM-38000



256QAM-38200



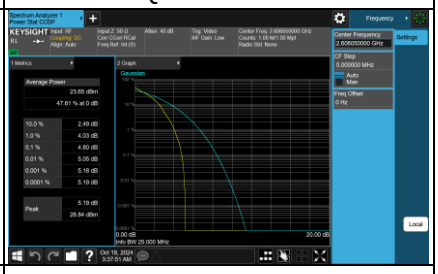
LTE Band 38_15MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
37825	2577.5	6.00	7.44	8.56	8.46	13	Pass
38000	2595	5.44	6.88	8.20	8.46	13	Pass
38175	2612.5	4.80	6.18	7.58	8.71	13	Pass

Spectrum Plot

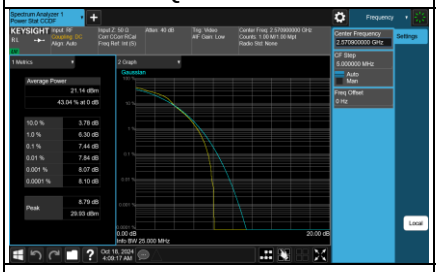
QPSK-37825

QPSK-38000

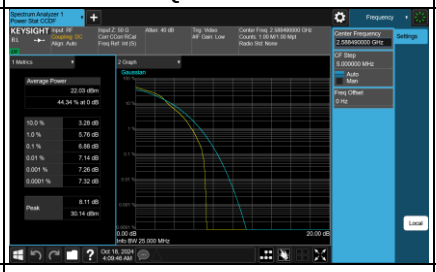
QPSK-38175



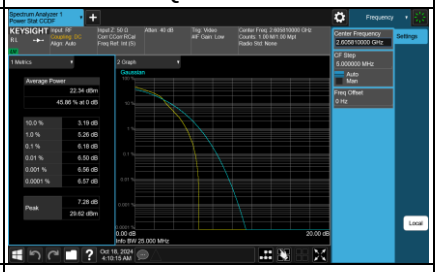
16QAM-37825



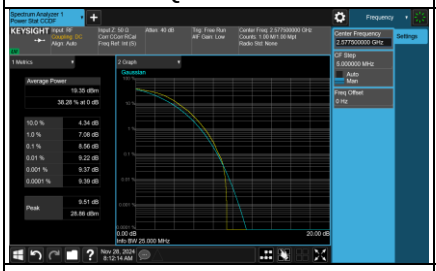
16QAM-38000



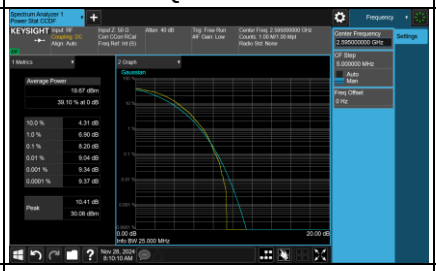
16QAM-38175



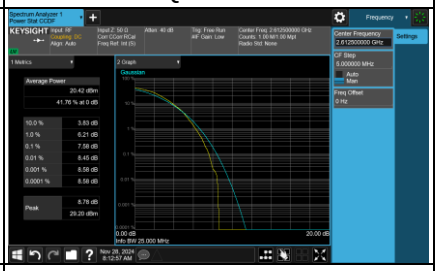
64QAM-37825



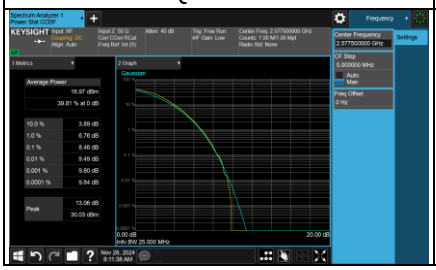
64QAM-38000



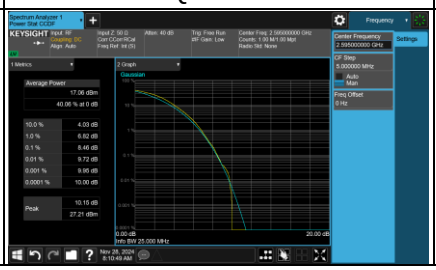
64QAM-38175



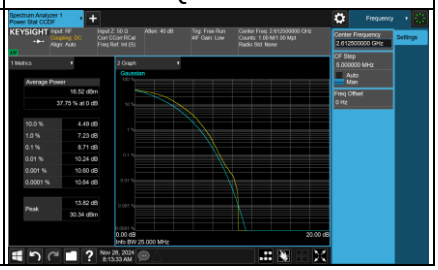
256QAM-37825



256QAM-38000



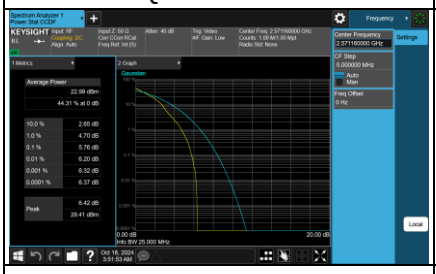
256QAM-38175



LTE Band 38_20MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
37850	2580	5.76	6.82	7.68	8.80	13	Pass
38000	2595	5.68	6.84	8.57	9.08	13	Pass
38150	2610	5.29	5.89	8.25	8.67	13	Pass

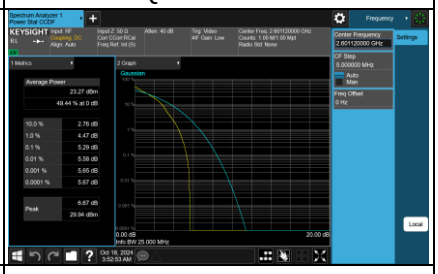
Spectrum Plot

QPSK-37850

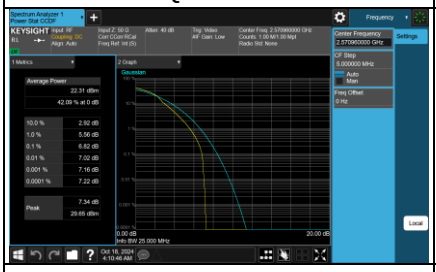


QPSK-38000

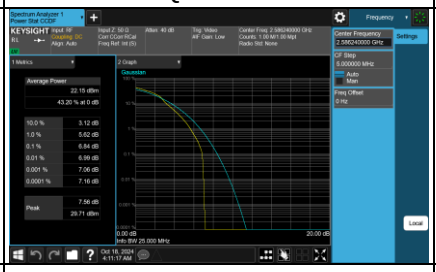
QPSK-38150



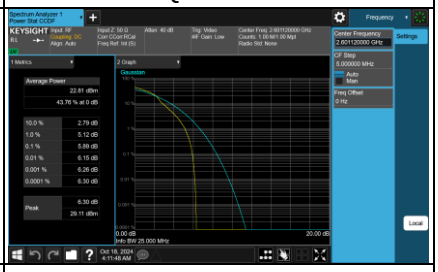
16QAM-37850



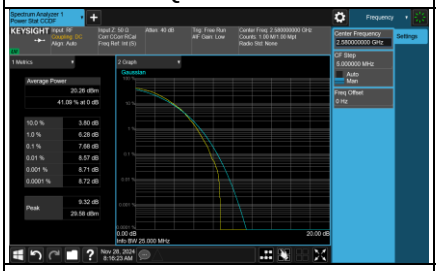
16QAM-38000



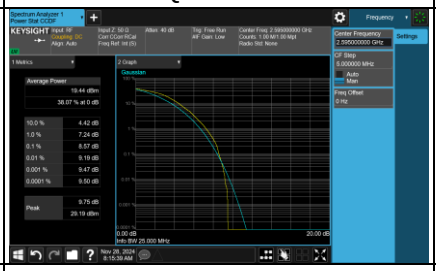
16QAM-38150



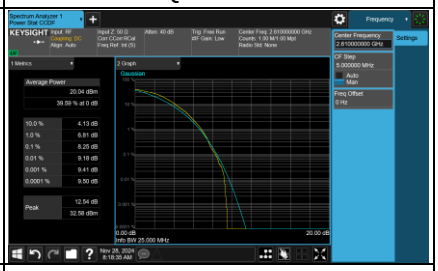
64QAM-37850



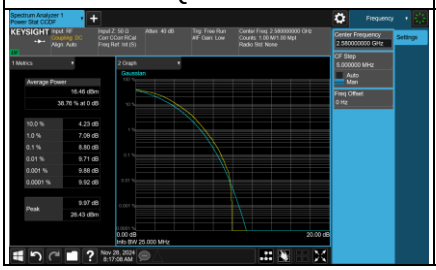
64QAM-38000



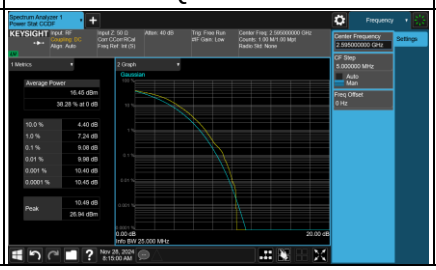
64QAM-38150



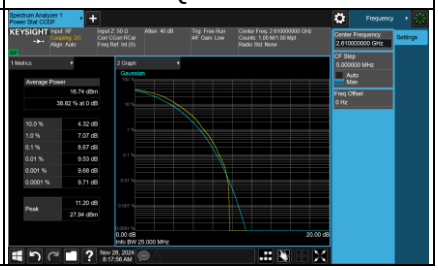
256QAM-37850



256QAM-38000



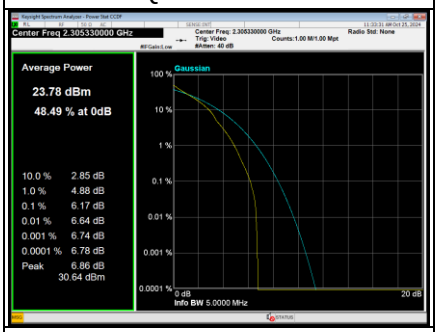
256QAM-38150



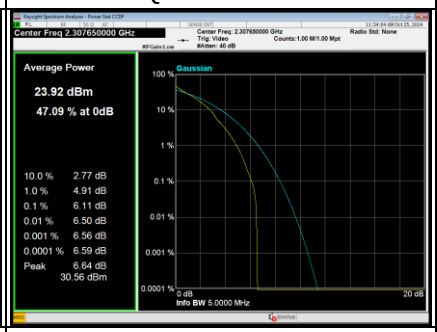
LTE Band 40(2305-2315MHz)_5MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
38725	2307.5	6.17	7.40	8.42	9.25	13	Pass
38750	2310	6.11	7.27	8.98	8.53	13	Pass
38775	2312.5	6.18	7.48	9.31	8.67	13	Pass

Spectrum Plot

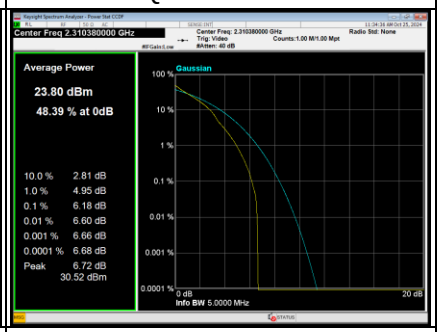
QPSK-38725



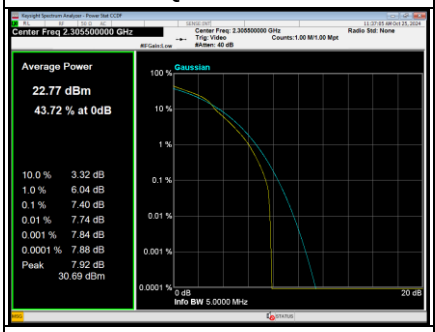
QPSK-38750



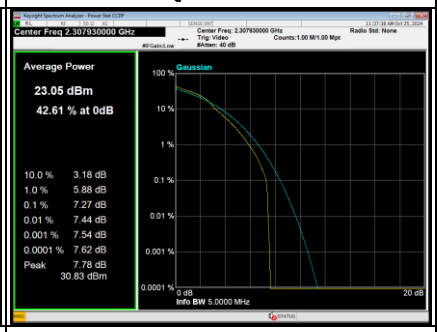
QPSK-38775



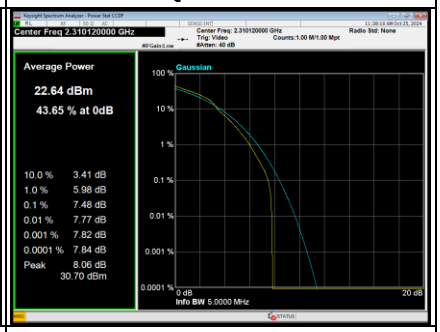
16QAM-38725



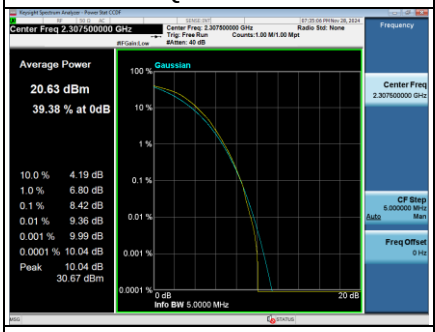
16QAM-38750



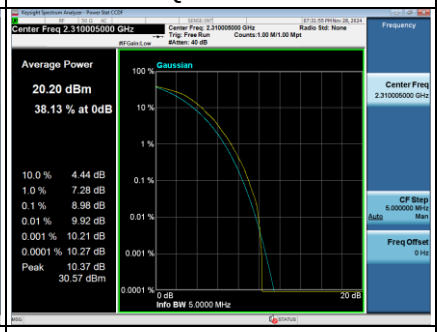
16QAM-38775



64QAM-38725



64QAM-38750



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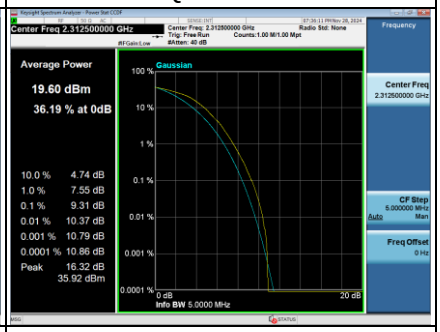
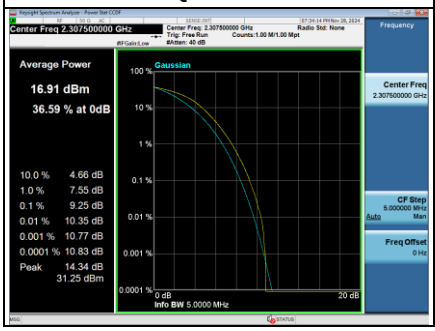
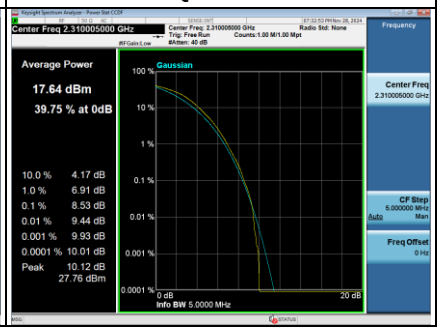


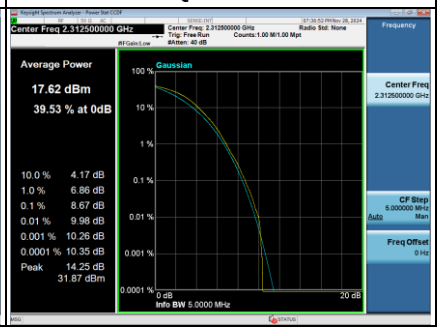
256QAM-38725



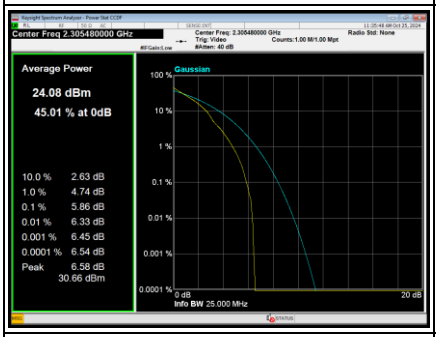
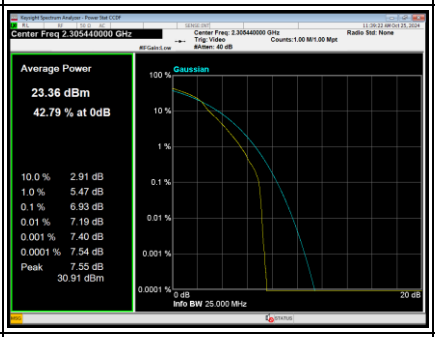
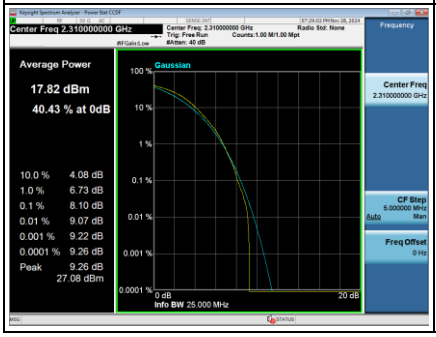
256QAM-38750



256QAM-38775



LTE Band 40(2305-2315MHz)_10MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
38750	2310	5.86	6.93	8.48	8.10	13	Pass

Spectrum Plot		
QPSK-38750	16QAM-38750	64QAM-38750
		
256QAM-38750	-	-
	-	-