LTE Band 4_1.4MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
19957	1710.7	6.27	5.89	5.93	6.89	13	Pass
20175	1732.5	6.26	6.20	5.71	6.95	13	Pass
20393	1754.3	6.21	6.46	6.49	7.03	13	Pass

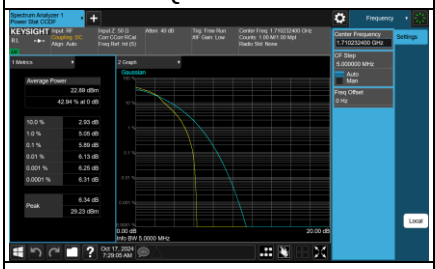
Spectrum Plot

QPSK-19957

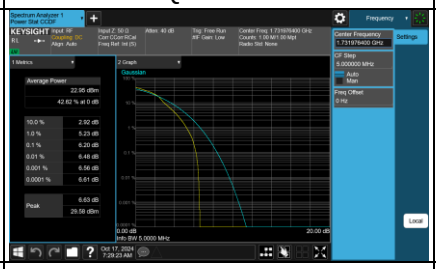
QPSK-20175

QPSK-20393

16QAM-19957

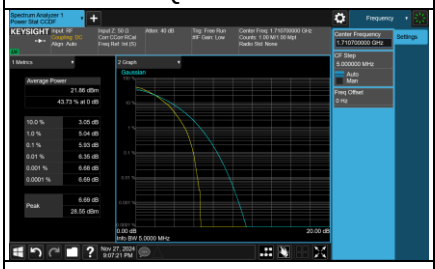


16QAM-20175

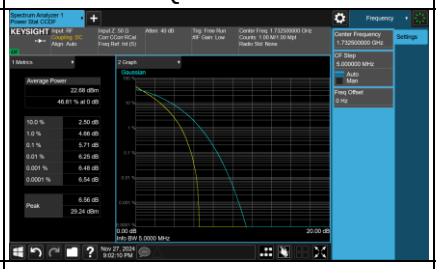


16QAM-20393

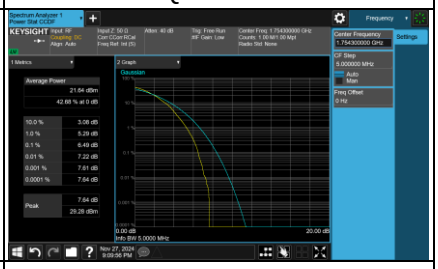
64QAM-19957



64QAM-20175

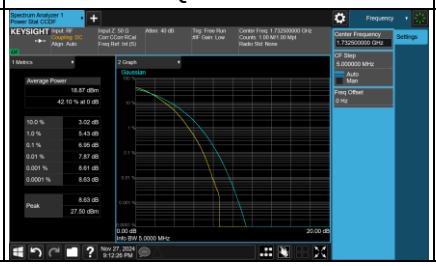


64QAM-20393

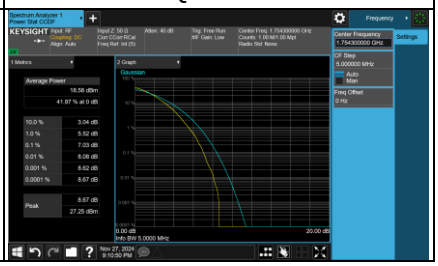


256QAM-19957

256QAM-20175



256QAM-20393



LTE Band 4_3MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
19965	1711.5	6.29	5.98	6.00	6.80	13	Pass
20175	1732.5	6.36	6.19	6.50	6.98	13	Pass
20385	1753.5	6.37	6.45	6.48	7.10	13	Pass

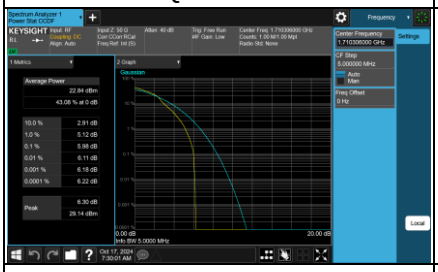
Spectrum Plot

QPSK-19965

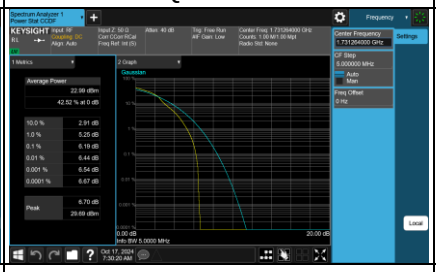
QPSK-20175

QPSK-20385

16QAM-19965

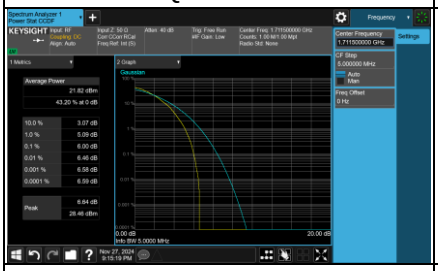


16QAM-20175

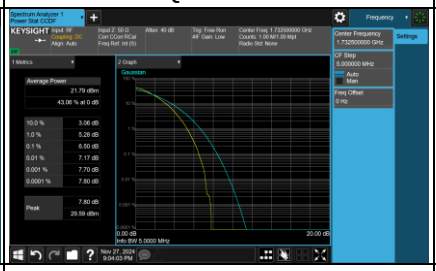


16QAM-20385

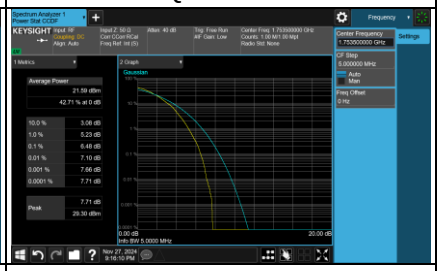
64QAM-19965



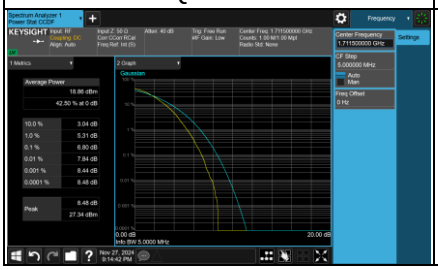
64QAM-20175



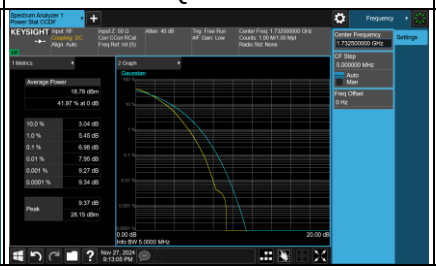
64QAM-20385



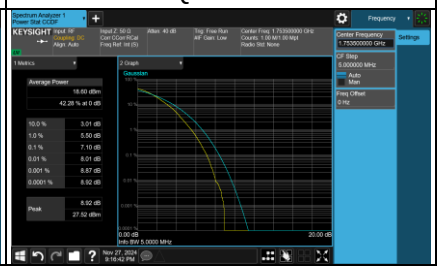
256QAM-19965



256QAM-20175



256QAM-20385



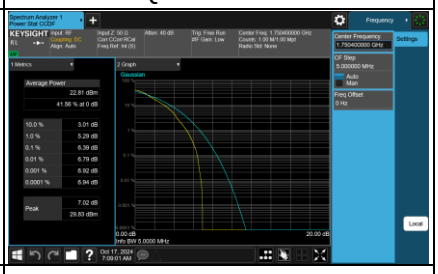
LTE Band 4_5MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
19975	1712.5	6.21	5.85	5.94	6.75	13	Pass
20175	1732.5	6.14	6.25	6.58	7.12	13	Pass
20375	1752.5	6.39	6.45	6.47	6.98	13	Pass

Spectrum Plot

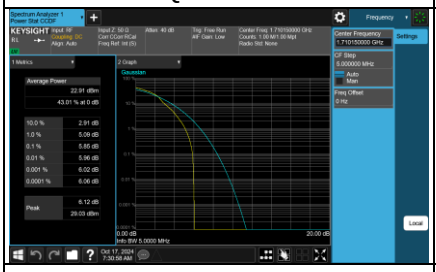
QPSK-19975

QPSK-20175

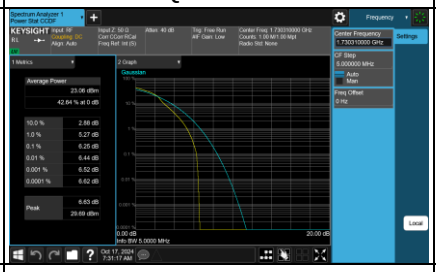
QPSK-20375



16QAM-19975

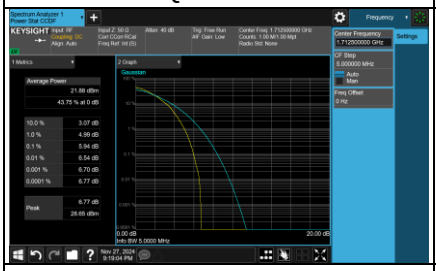


16QAM-20175

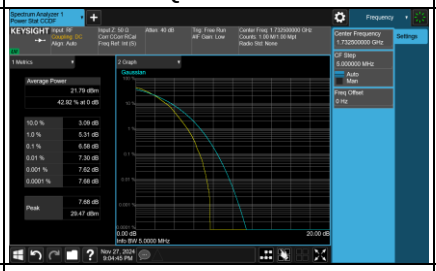


16QAM-20375

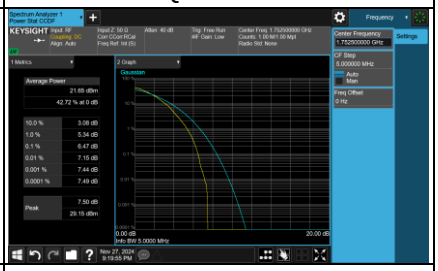
64QAM-19975



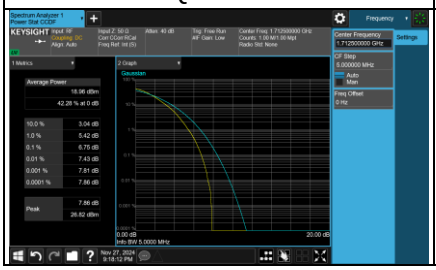
64QAM-20175



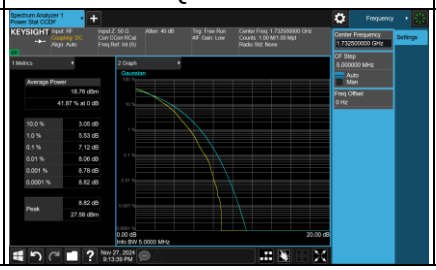
64QAM-20375



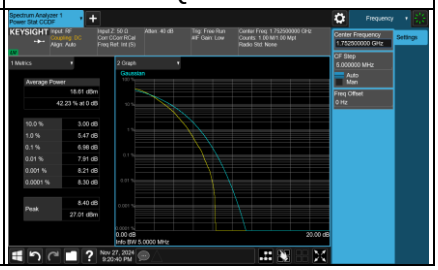
256QAM-19975



256QAM-20175



256QAM-20375



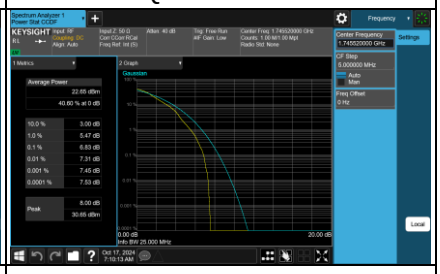
LTE Band 4_10MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
20000	1715	6.32	5.84	5.97	6.78	13	Pass
20175	1732.5	6.73	6.26	6.50	7.34	13	Pass
20350	1715	6.83	6.45	6.04	6.58	13	Pass

Spectrum Plot

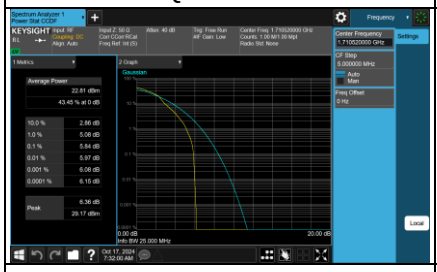
QPSK-20000

QPSK-20175

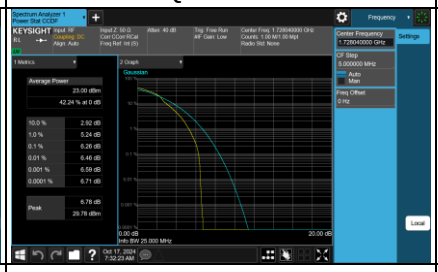
QPSK-20350



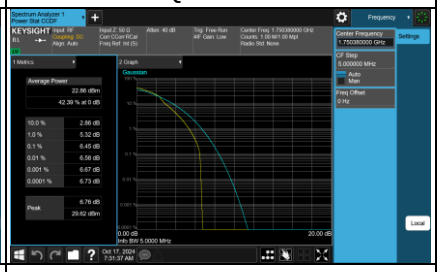
16QAM-20000



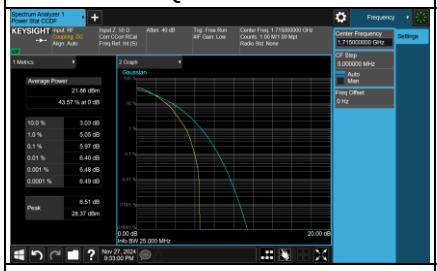
16QAM-20175



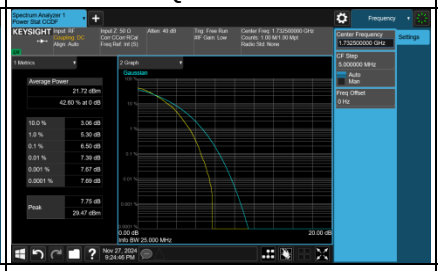
16QAM-20350



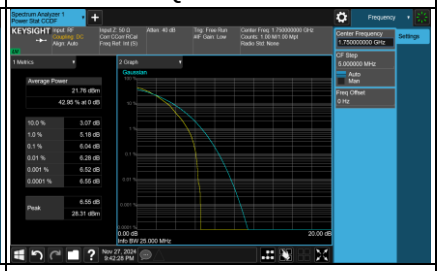
64QAM-20000



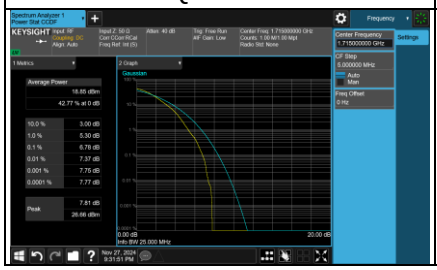
64QAM-20175



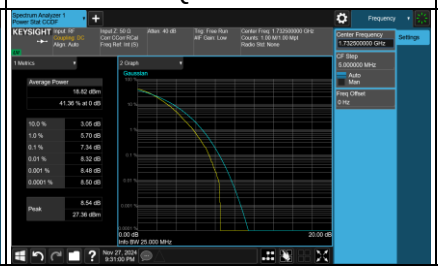
64QAM-20350



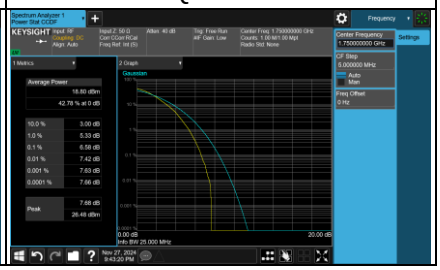
256QAM-20000



256QAM-20175



256QAM-20350



LTE Band 4_15MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
20025	1717.5	6.38	6.09	6.09	7.05	13	Pass
20175	1732.5	7.21	6.52	6.61	6.95	13	Pass
20325	1747.5	7.39	6.21	6.25	6.87	13	Pass

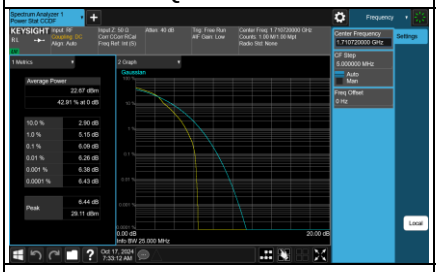
Spectrum Plot

QPSK-20025

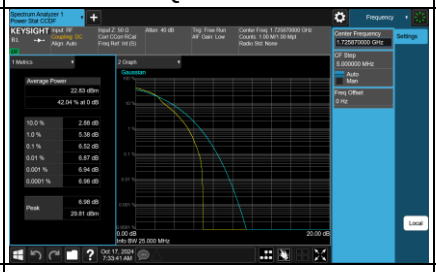
QPSK-20175

QPSK-20325

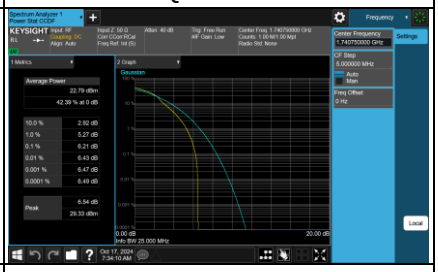
16QAM-20025



16QAM-20175



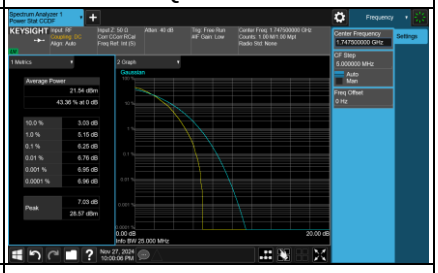
16QAM-20325



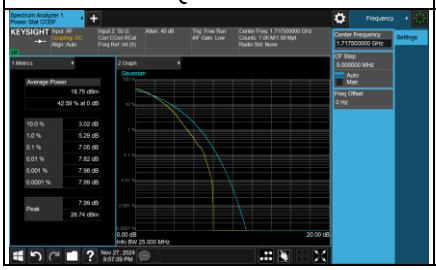
64QAM-20025

64QAM-20175

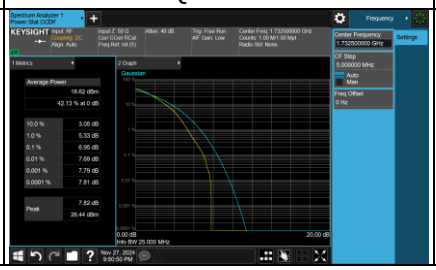
64QAM-20325



256QAM-20025



256QAM-20175



256QAM-20325

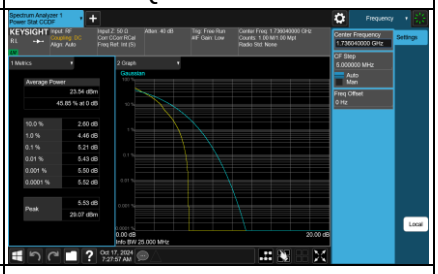
LTE Band 4_20MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
20050	1720	5.26	5.93	6.10	6.64	13	Pass
20175	1732.5	5.85	6.70	6.67	6.82	13	Pass
20300	1740	5.21	6.27	6.44	7.10	13	Pass

Spectrum Plot

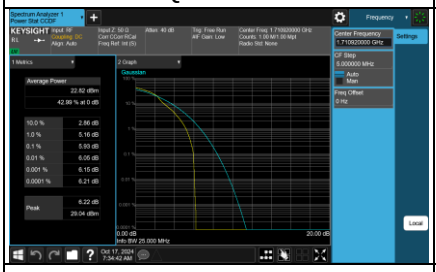
QPSK-20050

QPSK-20175

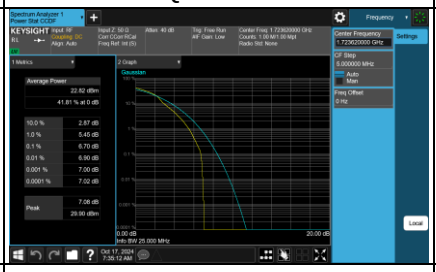
QPSK-20300



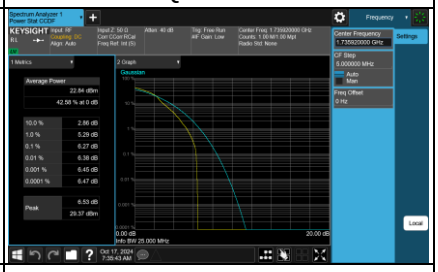
16QAM-20050



16QAM-20175



16QAM-20300

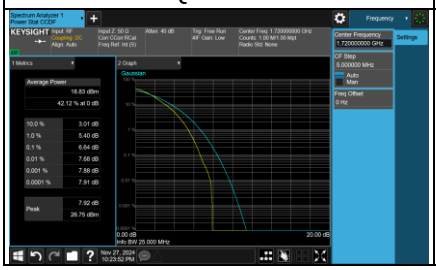


64QAM-20050

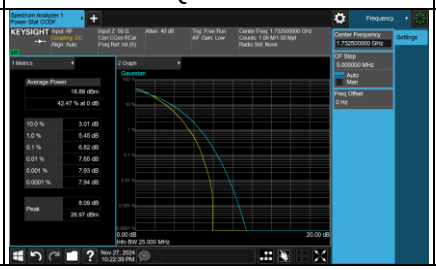
64QAM-20175

64QAM-20300

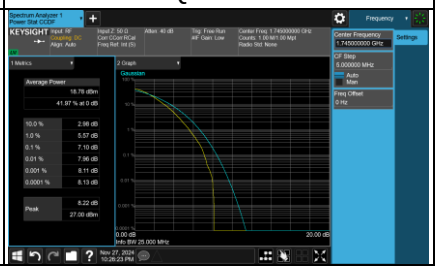
256QAM-20025



256QAM-20175



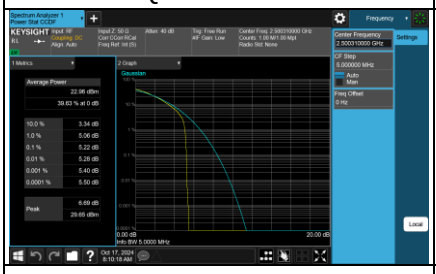
256QAM-20325



LTE Band 7_5MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
20775	2502.5	5.22	5.47	6.08	7.15	13	Pass
21100	2535	6.62	7.16	6.75	6.96	13	Pass
21425	2567.5	6.92	7.46	6.80	7.05	13	Pass

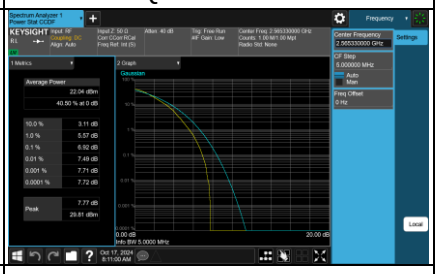
Spectrum Plot

QPSK-20775

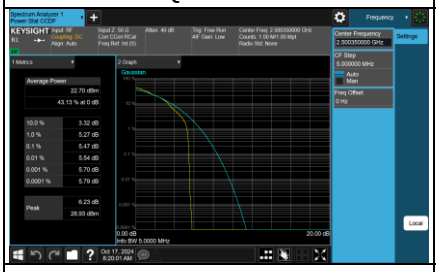


QPSK-21100

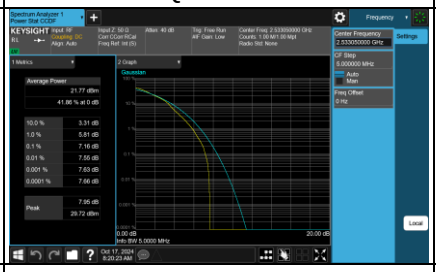
QPSK-21425



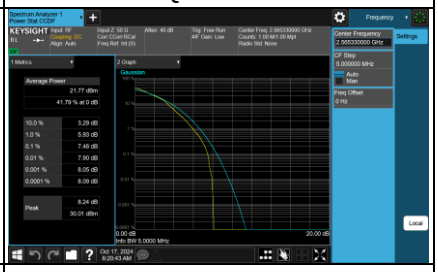
16QAM-20775



16QAM-21100

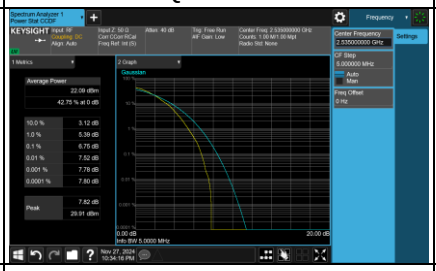


16QAM-21425



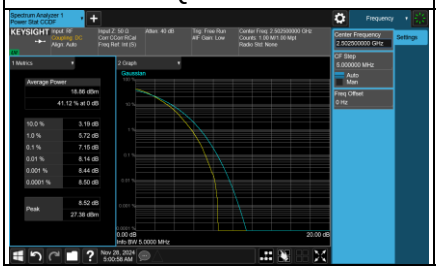
64QAM-20775

64QAM-21100

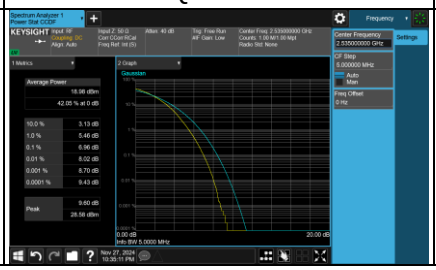


64QAM-21425

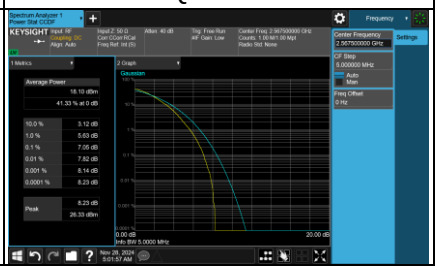
256QAM-20775



256QAM-21100



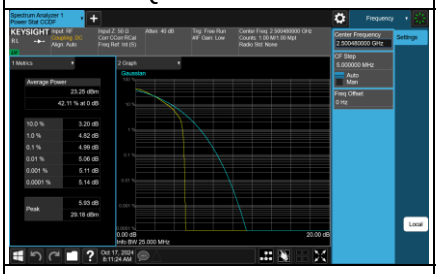
256QAM-21425



LTE Band 7_10MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
20800	2505	4.99	5.69	6.04	7.34	13	Pass
21100	2535	7.74	7.10	6.62	7.19	13	Pass
21400	2565	7.57	7.39	6.80	7.12	13	Pass

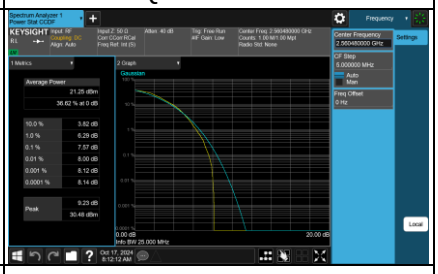
Spectrum Plot

QPSK-20800

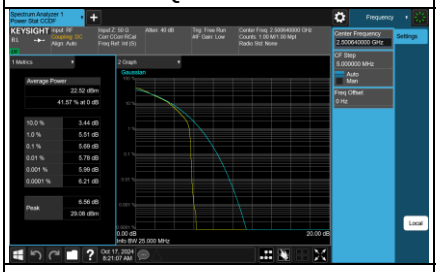


QPSK-21100

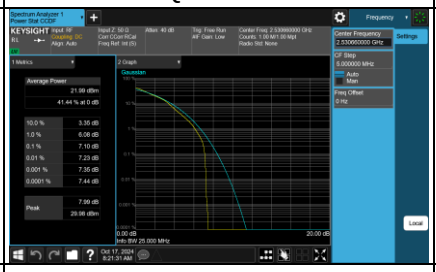
QPSK-21400



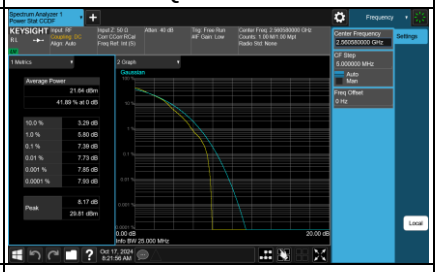
16QAM-20800



16QAM-21100



16QAM-21400

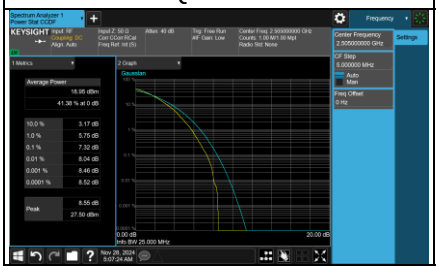


64QAM-20800

64QAM-21100

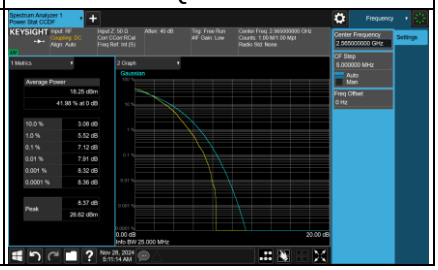
64QAM-21400

256QAM-20800



256QAM-21100

256QAM-21400



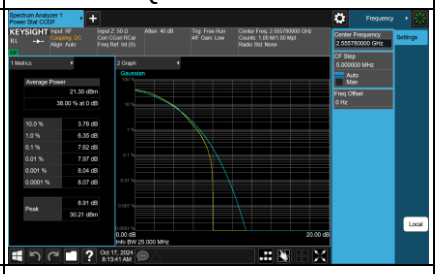
LTE Band 7_15MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
20825	2507.5	5.09	5.60	6.22	7.22	13	Pass
21100	2535	7.23	7.11	7.12	7.32	13	Pass
21375	2562.5	7.62	7.80	6.87	7.28	13	Pass

Spectrum Plot

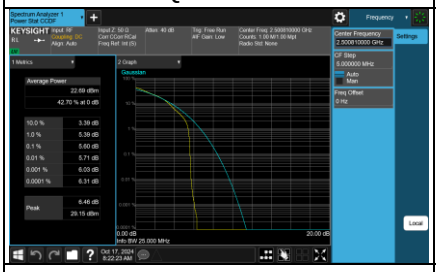
QPSK-20825

QPSK-21100

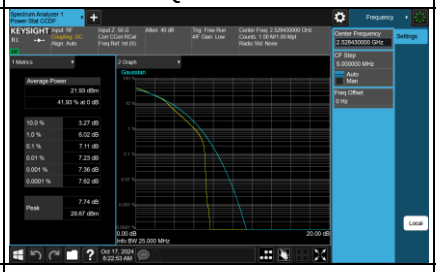
QPSK-21375



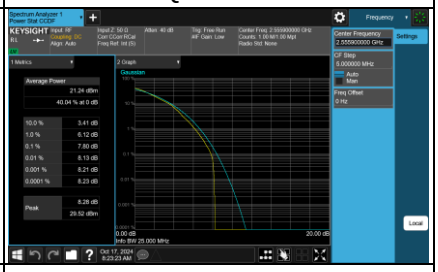
16QAM-20825



16QAM-21100



16QAM-21375

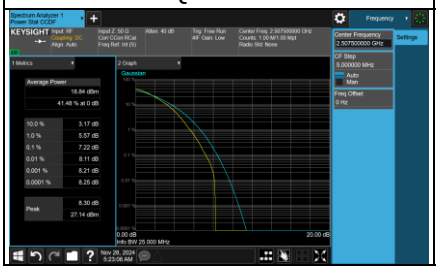


64QAM-20825

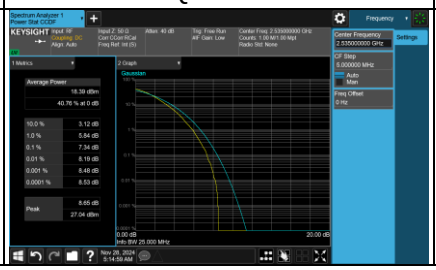
64QAM-21100

64QAM-21375

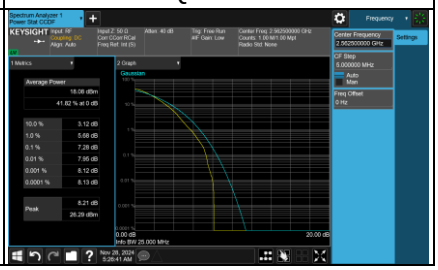
256QAM-20825



256QAM-21100



256QAM-21375



LTE Band 7_20MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
20850	2510	4.40	5.99	6.28	7.12	13	Pass
21100	2535	6.81	7.45	6.93	6.95	13	Pass
21350	2560	6.95	7.62	6.86	7.53	13	Pass

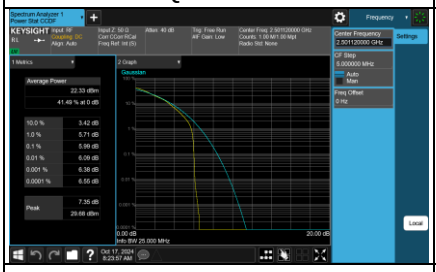
Spectrum Plot

QPSK-20850

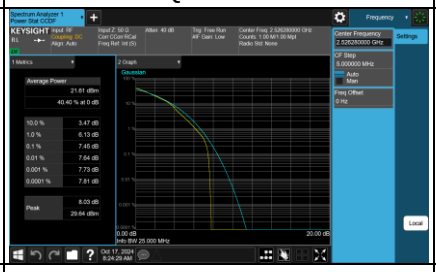
QPSK-21100

QPSK-21350

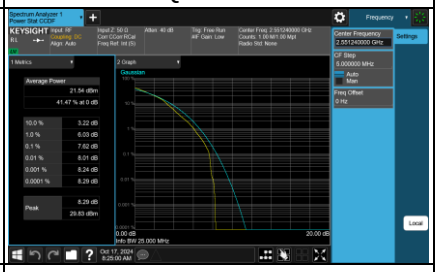
16QAM-20850



16QAM-21100



16QAM-21350

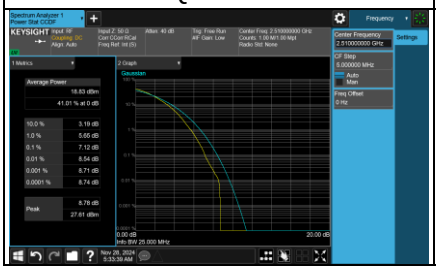


64QAM-20850

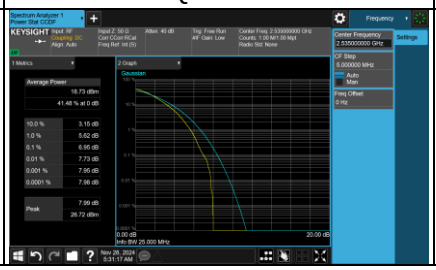
64QAM-21100

64QAM-21350

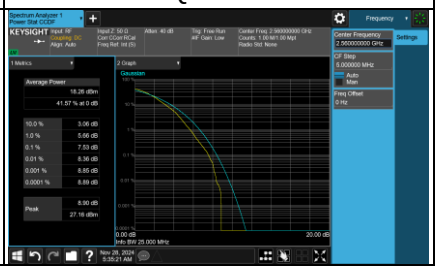
256QAM-20850



256QAM-21100



256QAM-21350

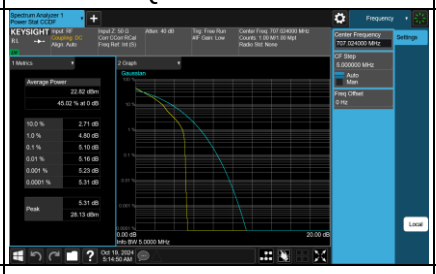


LTE Band 12_1.4MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
23017	699.7	4.64	5.65	6.01	6.95	13	Pass
23095	707.5	5.10	5.86	6.11	6.89	13	Pass
23173	715.3	5.05	5.91	5.99	6.88	13	Pass

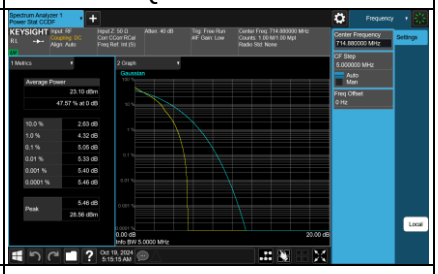
Spectrum Plot

QPSK-23017

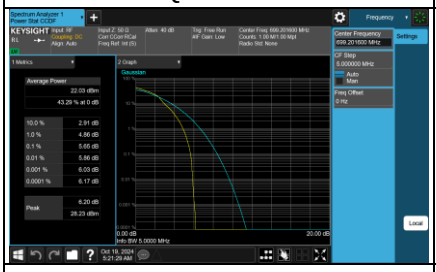
QPSK-23095



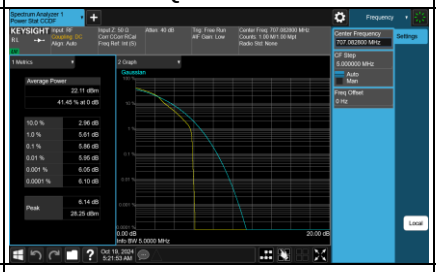
QPSK-23173



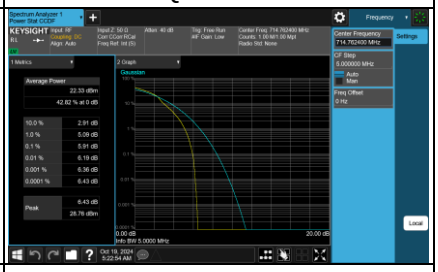
16QAM-23017



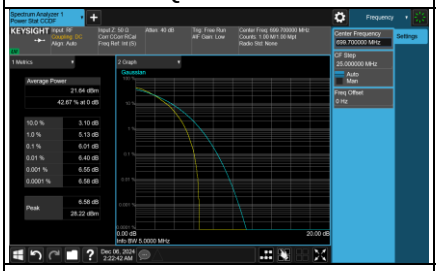
16QAM-23095



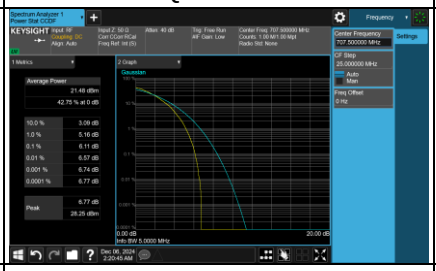
16QAM-23173



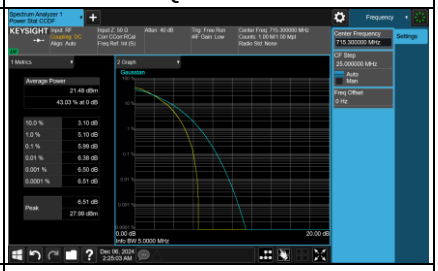
64QAM-23017



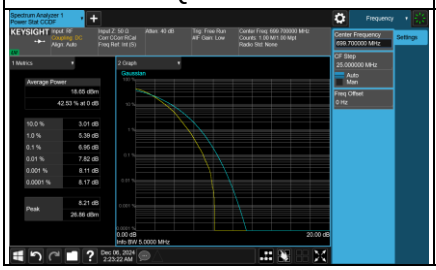
64QAM-23095



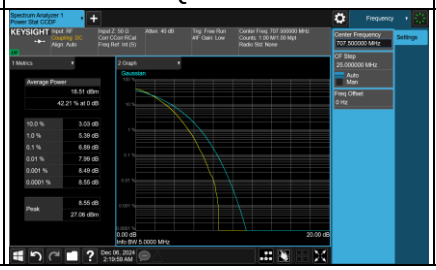
64QAM-23173



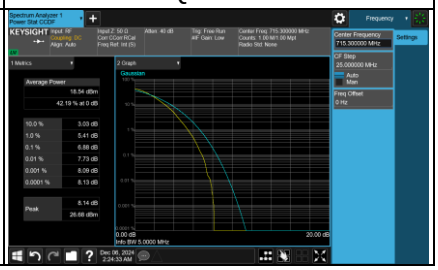
256QAM-23017



256QAM-23095



256QAM-23173



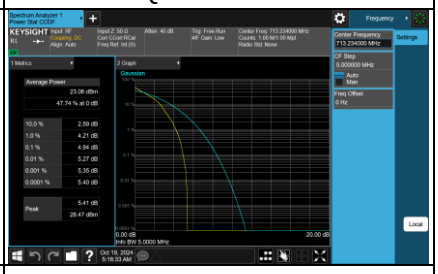
LTE Band 12_3MHz							
Channel	Frequency (MHz)	Peak To Average Ratio (dB)				Max. Limit (dB)	Result
		QPSK	16QAM	64QAM	256QAM		
23025	700.5	4.64	5.66	5.96	6.87	13	Pass
23095	707.5	5.31	6.12	6.11	6.89	13	Pass
23165	714.5	4.94	5.87	6.20	6.93	13	Pass

Spectrum Plot

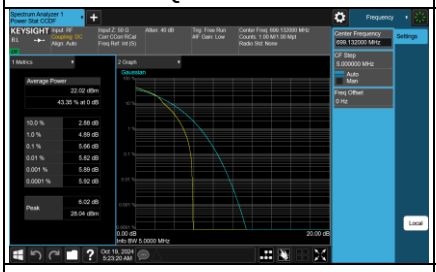
QPSK-23025

QPSK-23095

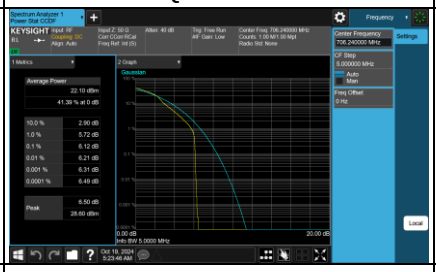
QPSK-23165



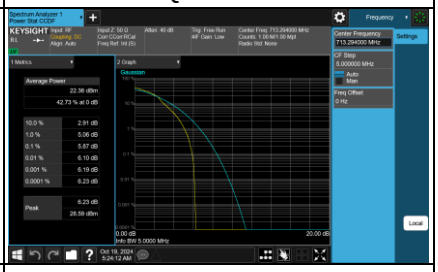
16QAM-23025



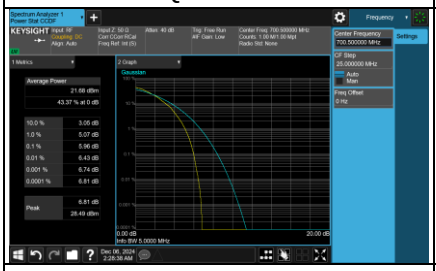
16QAM-23095



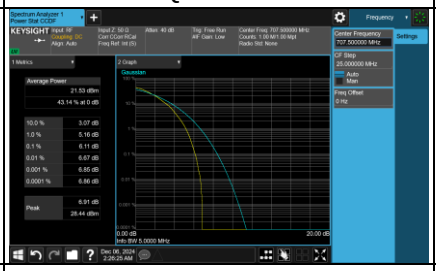
16QAM-23165



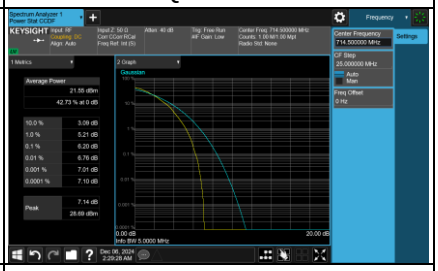
64QAM-23025



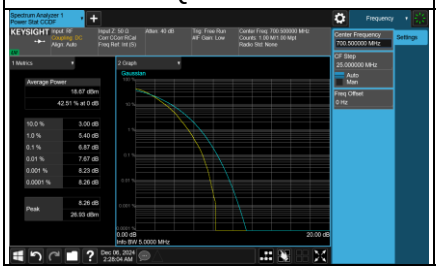
64QAM-23095



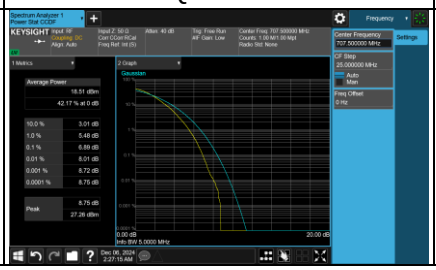
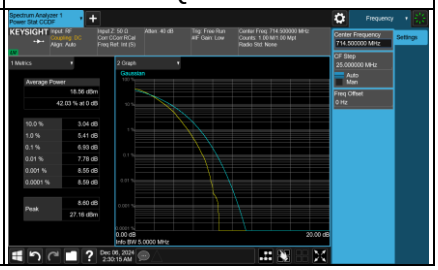
64QAM-23165



256QAM-23025



256QAM-23095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