

LTE Cat NB Appendix-PAR

LTE FDD Band 2, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.55	13	Pass
	MCH	1	0	3.56	13	Pass
	HCH	1	47	3.55	13	Pass
BPSK	LCH	1	0	3.22	13	Pass
	MCH	1	0	3.20	13	Pass
	HCH	1	47	3.22	13	Pass

LTE FDD Band 2, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.38	13	Pass
	MCH	12	0	10.40	13	Pass
	HCH	12	0	10.19	13	Pass
BPSK	LCH	1	0	4.79	13	Pass
	MCH	1	0	4.91	13	Pass
	HCH	1	11	4.85	13	Pass

LTE FDD Band 4, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.63	13	Pass
	MCH	1	0	3.70	13	Pass
	HCH	1	47	3.61	13	Pass
BPSK	LCH	1	0	3.26	13	Pass
	MCH	1	0	3.33	13	Pass
	HCH	1	47	3.35	13	Pass

LTE FDD Band 4, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.24	13	Pass
	MCH	12	0	10.78	13	Pass
	HCH	12	0	10.82	13	Pass
BPSK	LCH	1	0	4.73	13	Pass
	MCH	1	0	4.79	13	Pass
	HCH	1	11	5.05	13	Pass

LTE FDD Band 5, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.81	13	Pass
	MCH	1	0	3.82	13	Pass
	HCH	1	47	3.78	13	Pass
BPSK	LCH	1	0	3.51	13	Pass
	MCH	1	0	3.47	13	Pass
	HCH	1	47	3.52	13	Pass

LTE FDD Band 5, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.90	13	Pass
	MCH	12	0	11.04	13	Pass
	HCH	12	0	11.21	13	Pass
BPSK	LCH	1	0	5.10	13	Pass
	MCH	1	0	5.12	13	Pass
	HCH	1	11	5.14	13	Pass

LTE FDD Band 12, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.79	13	Pass
	MCH	1	0	3.84	13	Pass
	HCH	1	47	3.73	13	Pass
BPSK	LCH	1	0	3.50	13	Pass
	MCH	1	0	3.50	13	Pass
	HCH	1	47	3.48	13	Pass

LTE FDD Band 12, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.74	13	Pass
	MCH	12	0	10.54	13	Pass
	HCH	12	0	9.93	13	Pass
BPSK	LCH	1	0	5.13	13	Pass
	MCH	1	0	5.27	13	Pass
	HCH	1	11	5.05	13	Pass

LTE FDD Band 13, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.73	13	Pass
	MCH	1	0	3.76	13	Pass
	HCH	1	47	3.70	13	Pass
BPSK	LCH	1	0	3.47	13	Pass
	MCH	1	0	3.49	13	Pass
	HCH	1	47	3.48	13	Pass

LTE FDD Band 13, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.65	13	Pass
	MCH	12	0	10.76	13	Pass
	HCH	12	0	10.80	13	Pass
BPSK	LCH	1	0	5.14	13	Pass
	MCH	1	0	5.07	13	Pass
	HCH	1	11	5.13	13	Pass

LTE FDD Band 17, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.83	13	Pass
	MCH	1	0	3.79	13	Pass
	HCH	1	47	3.79	13	Pass
BPSK	LCH	1	0	3.51	13	Pass
	MCH	1	0	3.47	13	Pass
	HCH	1	47	3.53	13	Pass

LTE FDD Band 17, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	9.64	13	Pass
	MCH	12	0	10.70	13	Pass
	HCH	12	0	10.59	13	Pass
BPSK	LCH	1	0	5.19	13	Pass
	MCH	1	0	5.16	13	Pass
	HCH	1	11	5.04	13	Pass

LTE FDD Band 25, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.53	13	Pass
	MCH	1	0	3.58	13	Pass
	HCH	1	47	3.53	13	Pass
BPSK	LCH	1	0	3.21	13	Pass
	MCH	1	0	3.22	13	Pass
	HCH	1	47	3.23	13	Pass

LTE FDD Band 25, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.17	13	Pass
	MCH	12	0	9.92	13	Pass
	HCH	12	0	10.48	13	Pass
BPSK	LCH	1	0	4.81	13	Pass
	MCH	1	0	4.89	13	Pass
	HCH	1	11	4.80	13	Pass

LTE FDD Band 26a, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.86	13	Pass
	MCH	1	0	3.78	13	Pass
	HCH	1	47	3.74	13	Pass
BPSK	LCH	1	0	3.52	13	Pass
	MCH	1	0	3.51	13	Pass
	HCH	1	47	3.51	13	Pass

LTE FDD Band 26a, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.56	13	Pass
	MCH	12	0	10.64	13	Pass
	HCH	12	0	10.78	13	Pass
BPSK	LCH	1	0	5.15	13	Pass
	MCH	1	0	5.19	13	Pass
	HCH	1	11	5.09	13	Pass

LTE FDD Band 26b, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.75	13	Pass
	MCH	1	0	3.78	13	Pass
	HCH	1	47	3.79	13	Pass
BPSK	LCH	1	0	3.50	13	Pass
	MCH	1	0	3.49	13	Pass
	HCH	1	47	3.53	13	Pass

LTE FDD Band 26b, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.53	13	Pass
	MCH	12	0	10.83	13	Pass
	HCH	12	0	10.96	13	Pass
BPSK	LCH	1	0	5.10	13	Pass
	MCH	1	0	5.21	13	Pass
	HCH	1	11	5.21	13	Pass

LTE FDD Band 66, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.63	13	Pass
	MCH	1	0	3.66	13	Pass
	HCH	1	47	3.52	13	Pass
BPSK	LCH	1	0	3.33	13	Pass
	MCH	1	0	3.34	13	Pass
	HCH	1	47	3.23	13	Pass

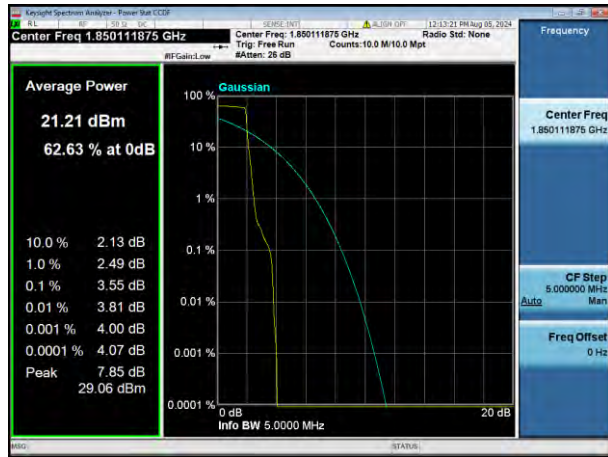
LTE FDD Band 66, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.58	13	Pass
	MCH	12	0	10.55	13	Pass
	HCH	12	0	10.22	13	Pass
BPSK	LCH	1	0	4.87	13	Pass
	MCH	1	0	5.11	13	Pass
	HCH	1	11	4.79	13	Pass

LTE FDD Band 85, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.70	13	Pass
	MCH	1	0	3.77	13	Pass
	HCH	1	47	3.66	13	Pass
BPSK	LCH	1	0	3.50	13	Pass
	MCH	1	0	3.50	13	Pass
	HCH	1	47	3.50	13	Pass

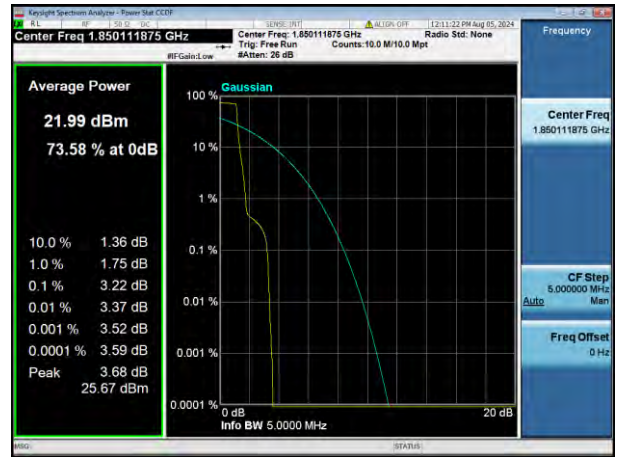
LTE FDD Band 85, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.87	13	Pass
	MCH	12	0	10.40	13	Pass
	HCH	12	0	10.67	13	Pass
BPSK	LCH	1	0	5.15	13	Pass
	MCH	1	0	5.23	13	Pass
	HCH	1	11	5.10	13	Pass

LTE FDD Band 2, SCS:3.75KHz

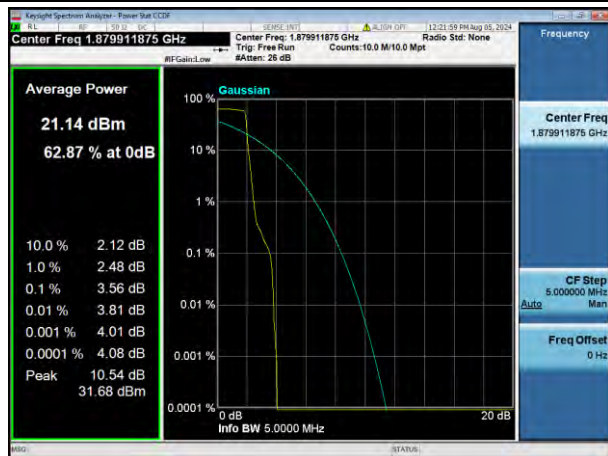
QPSK Low channel-1@0



BPSK Low channel-1@0



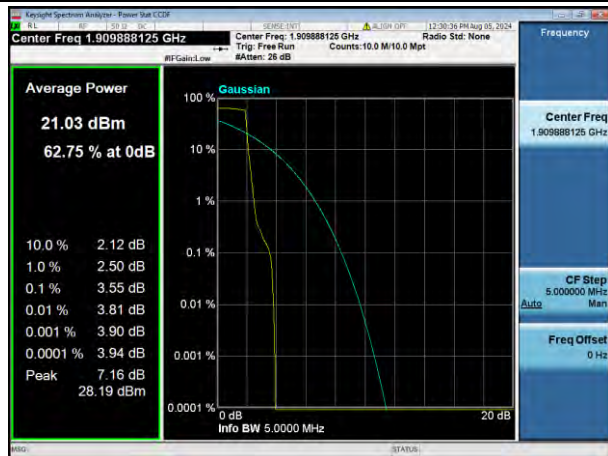
QPSK Middle channel-1@0



BPSK Middle channel-1@0



QPSK High channel-1@max



BPSK High channel-1@max

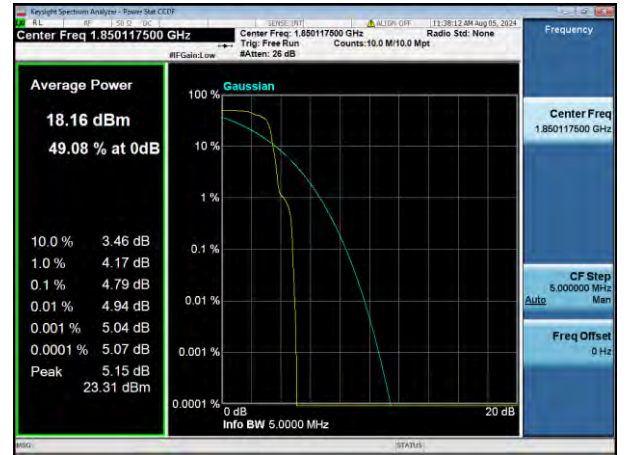


LTE FDD Band 2, SCS:15KHz

QPSK Low channel-12@0



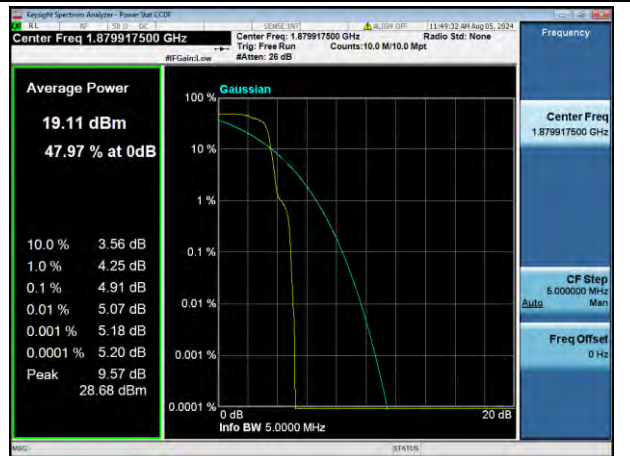
BPSK Low channel-1@0



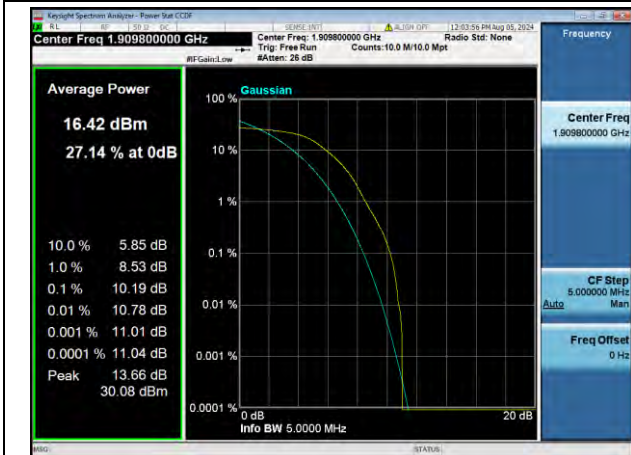
QPSK Middle channel-12@0



BPSK Middle channel-1@0



QPSK High channel-12@0

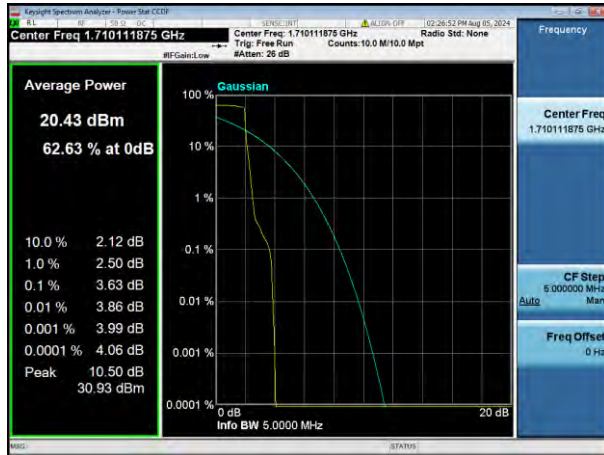


BPSK High channel-1@max

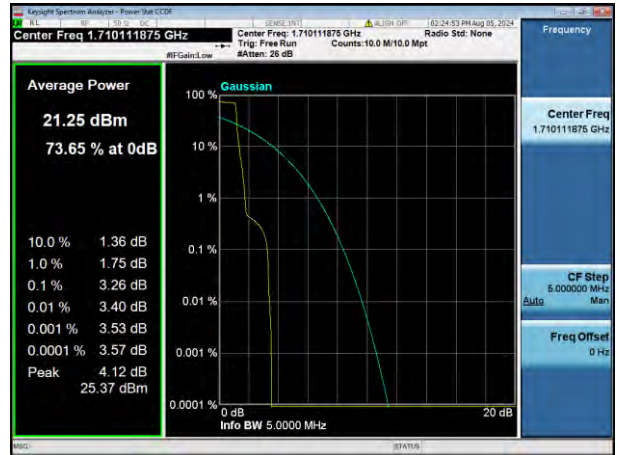


LTE FDD Band 4, SCS:3.75KHz

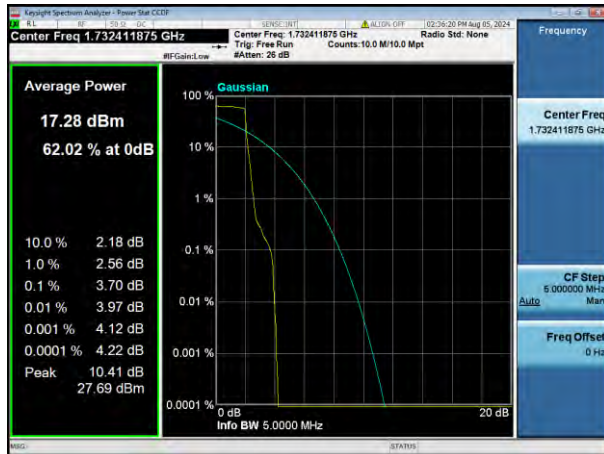
QPSK Low channel-1@0



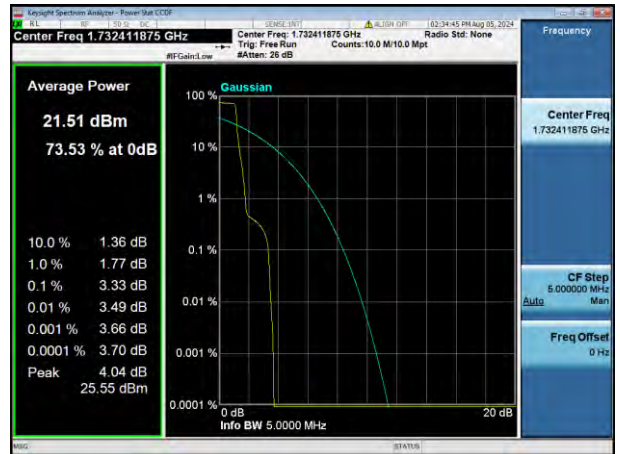
BPSK Low channel-1@0



QPSK Middle channel-1@0



BPSK Middle channel-1@0



QPSK High channel-1@max

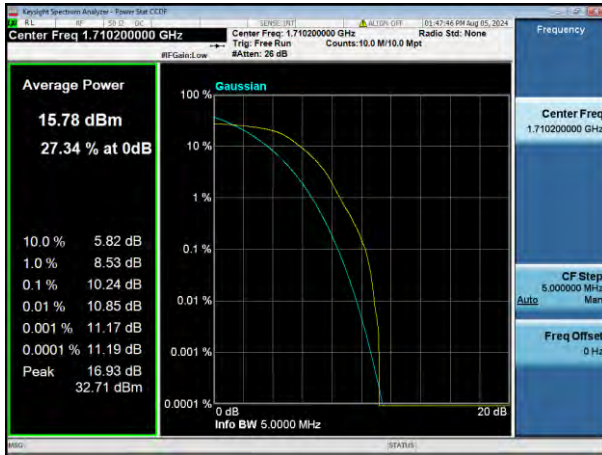


BPSK High channel-1@max

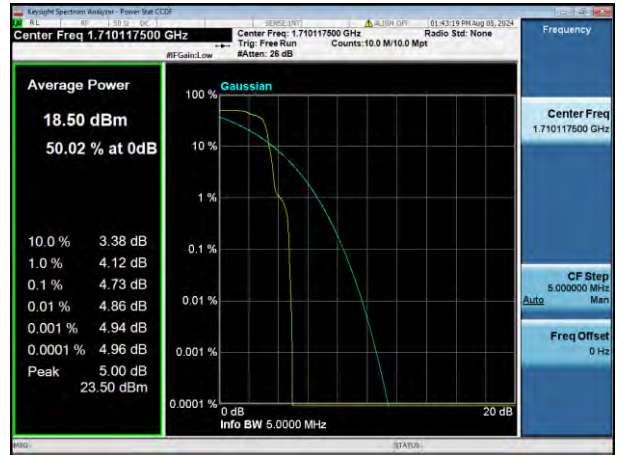


LTE FDD Band 4, SCS:15KHz

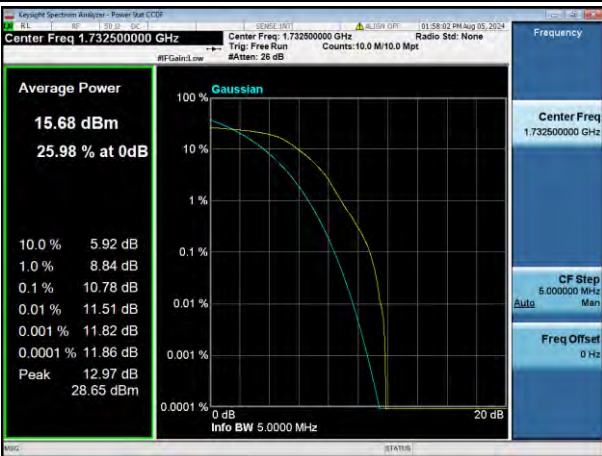
QPSK Low channel-12@0



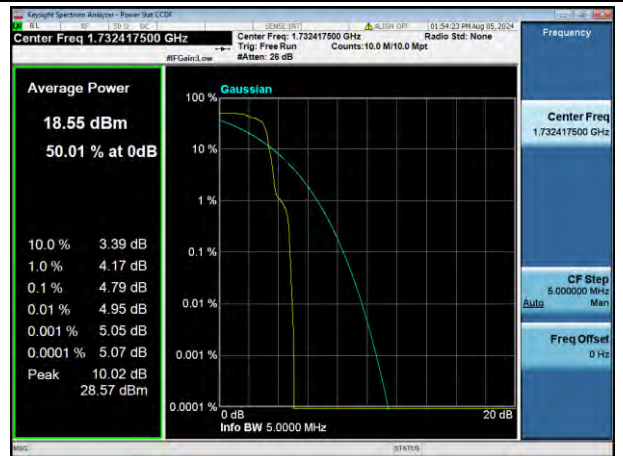
BPSK Low channel-1@0



QPSK Middle channel-12@0



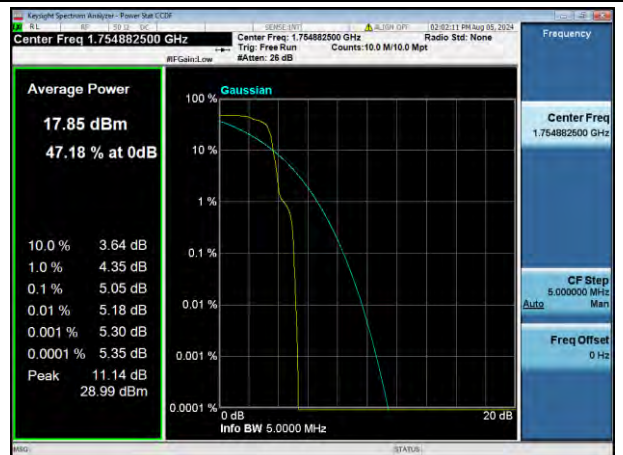
BPSK Middle channel-1@0



QPSK High channel-12@0

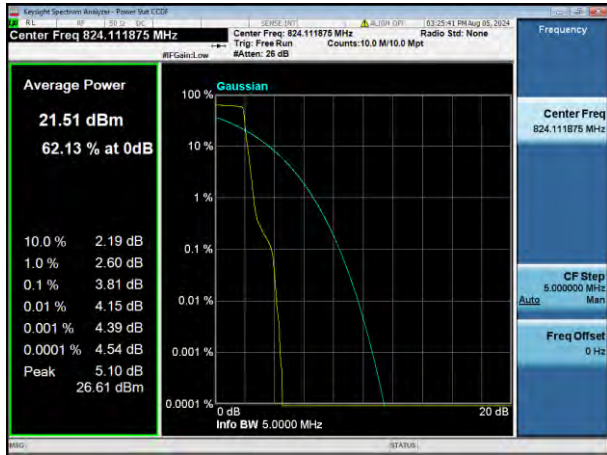


BPSK High channel-1@max

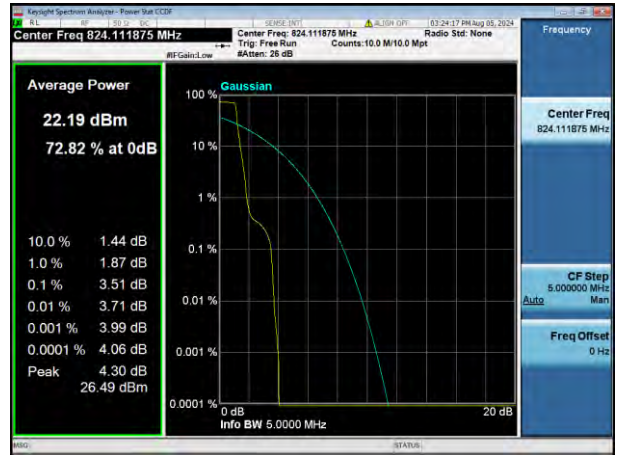


LTE FDD Band 5, SCS:3.75KHz

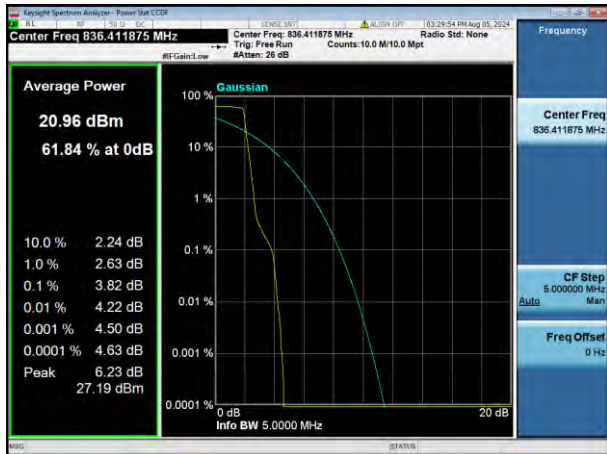
QPSK Low channel-1@0



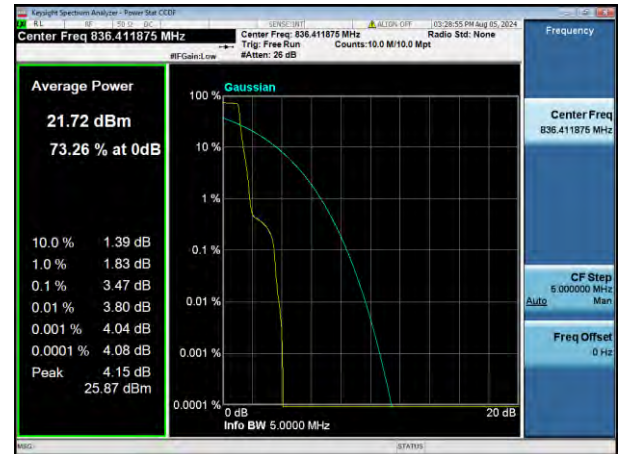
BPSK Low channel-1@0



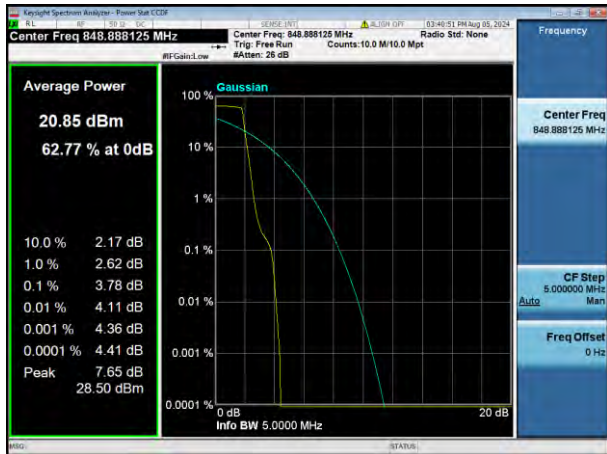
QPSK Middle channel-1@0



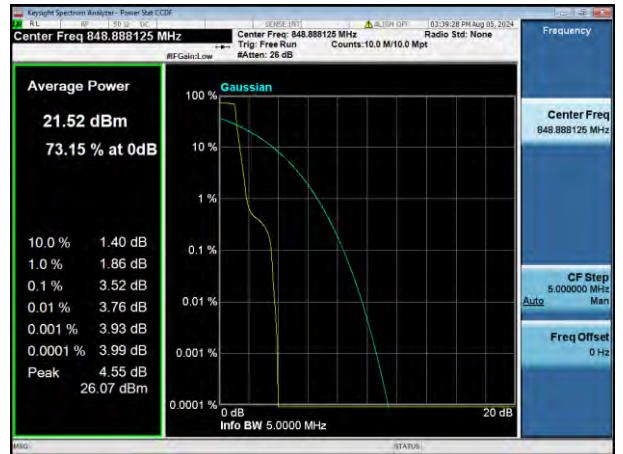
BPSK Middle channel-1@0



QPSK High channel-1@max



BPSK High channel-1@max

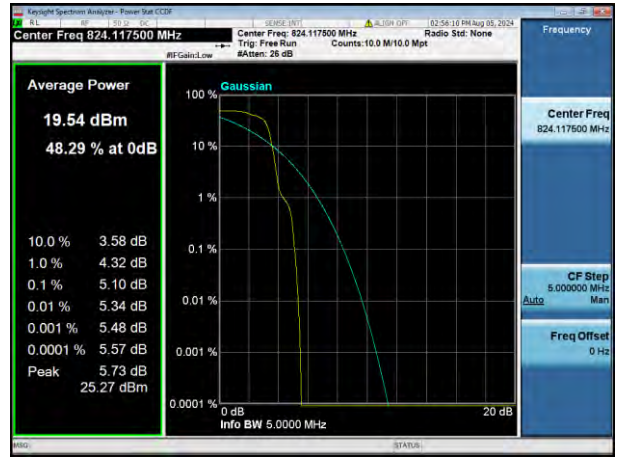


LTE FDD Band 5, SCS:15KHz

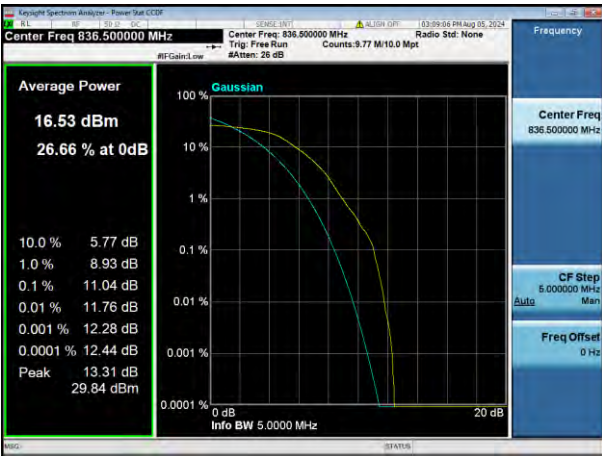
QPSK Low channel-12@0



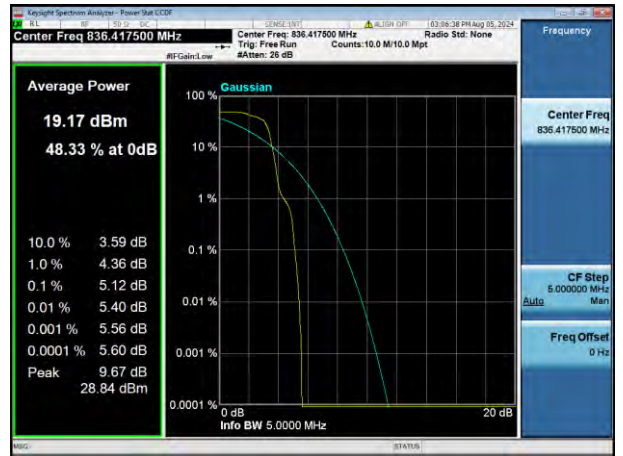
BPSK Low channel-1@0



QPSK Middle channel-12@0



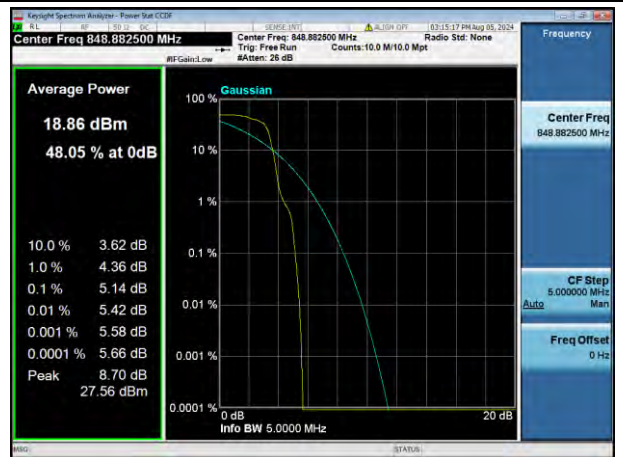
BPSK Middle channel-1@0



QPSK High channel-12@0

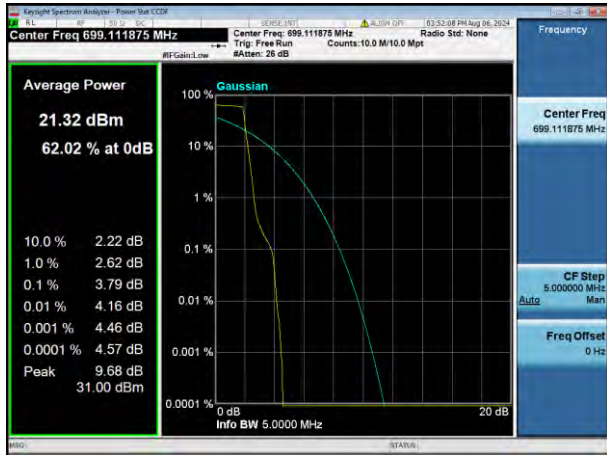


BPSK High channel-1@max

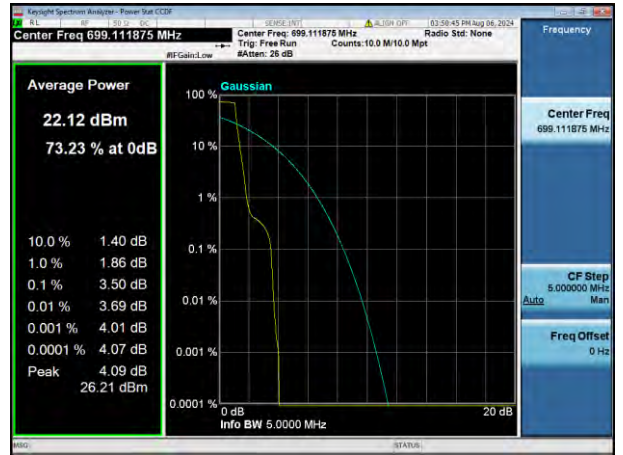


LTE FDD Band 12, SCS:3.75KHz

QPSK Low channel-1@0



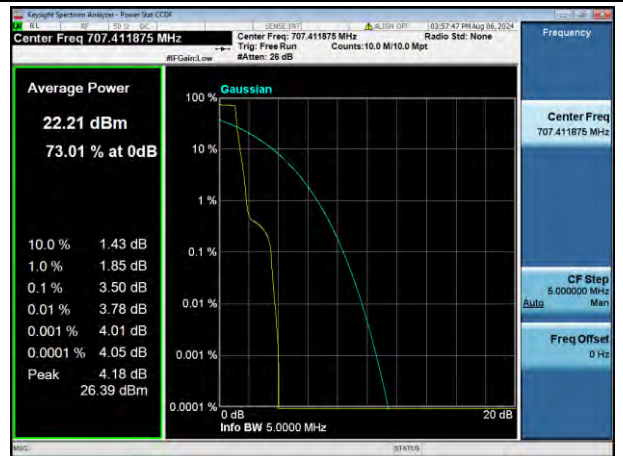
BPSK Low channel-1@0



QPSK Middle channel-1@0



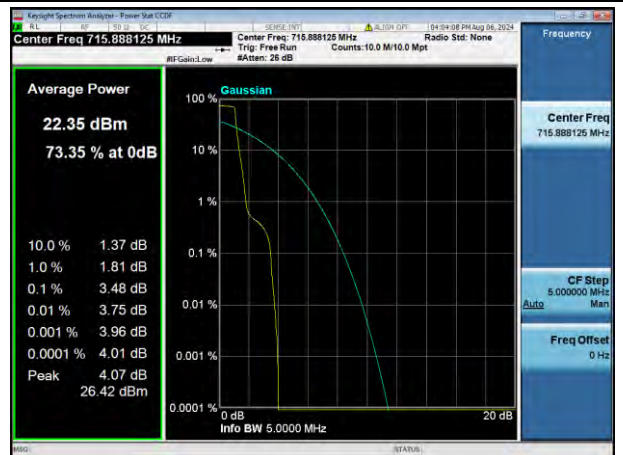
BPSK Middle channel-1@0



QPSK High channel-1@max

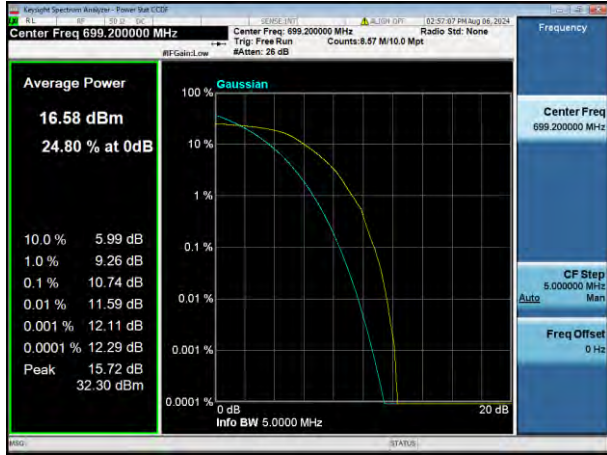


BPSK High channel-1@max

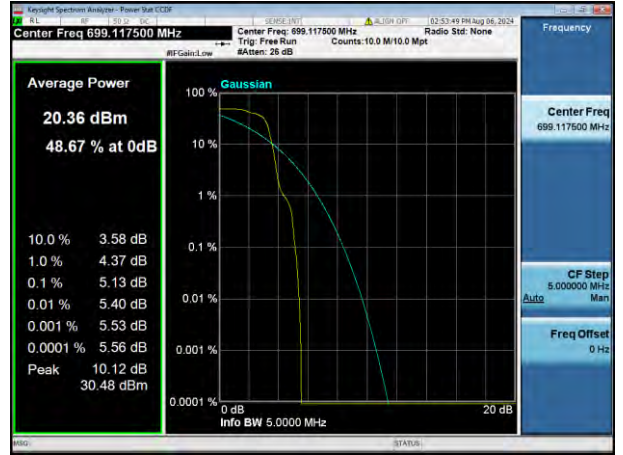


LTE FDD Band 12, SCS:15KHz

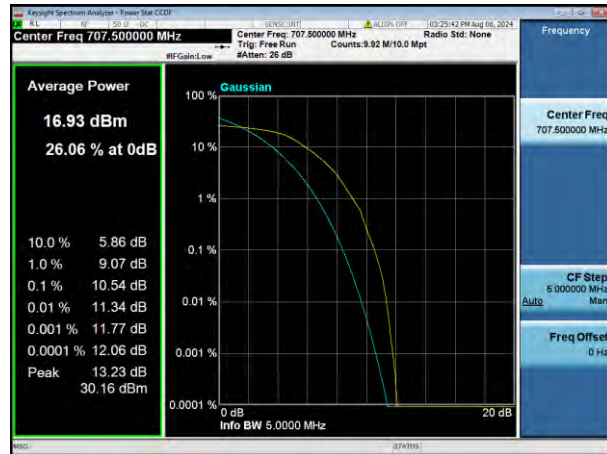
QPSK Low channel-12@0



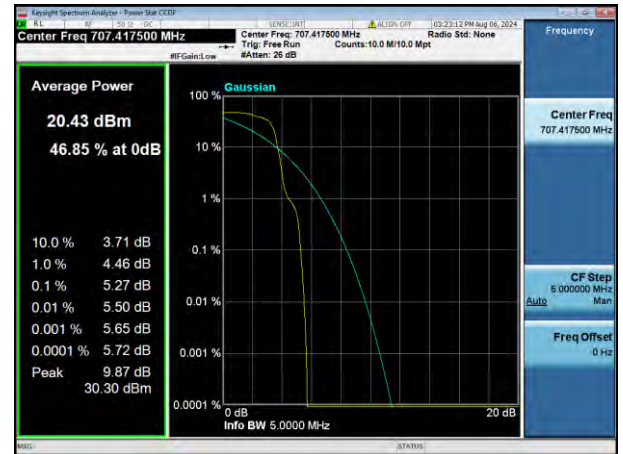
BPSK Low channel-1@0



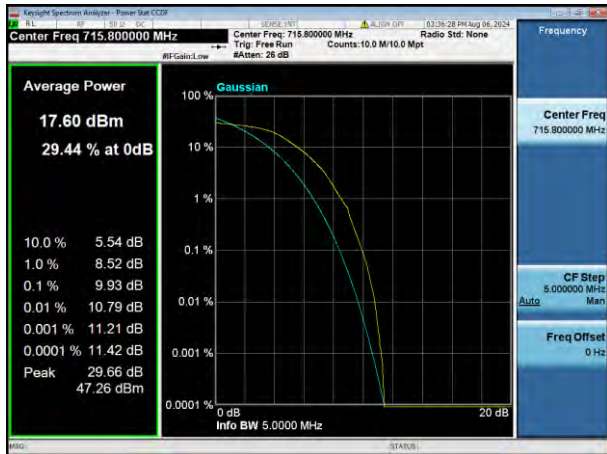
QPSK Middle channel-12@0



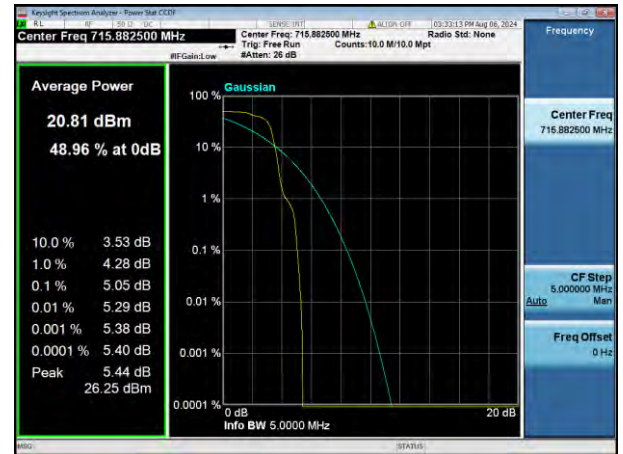
BPSK Middle channel-1@0



QPSK High channel-12@0

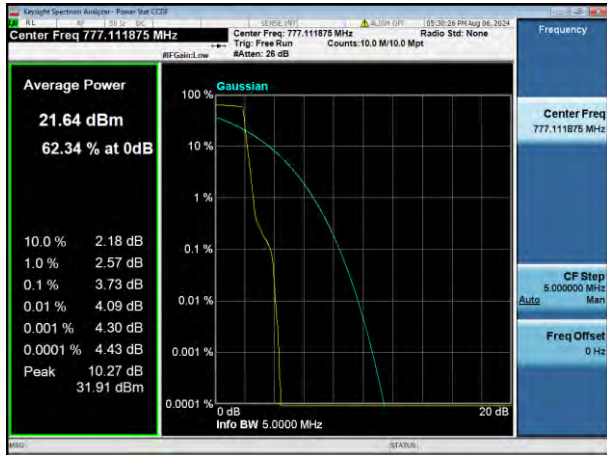


BPSK High channel-1@max

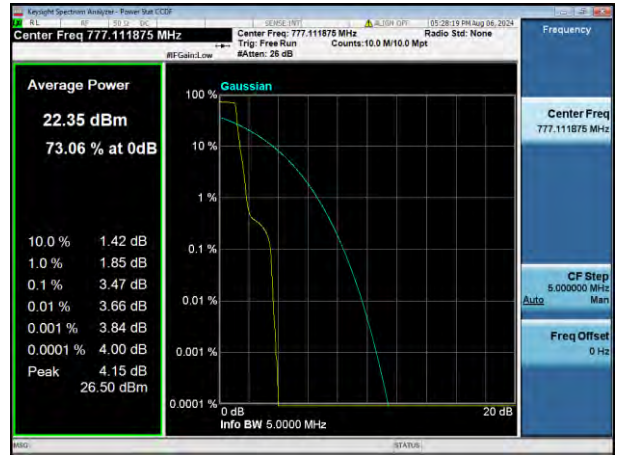


LTE FDD Band 13, SCS:3.75KHz

QPSK Low channel-1@0



BPSK Low channel-1@0



QPSK Middle channel-1@0



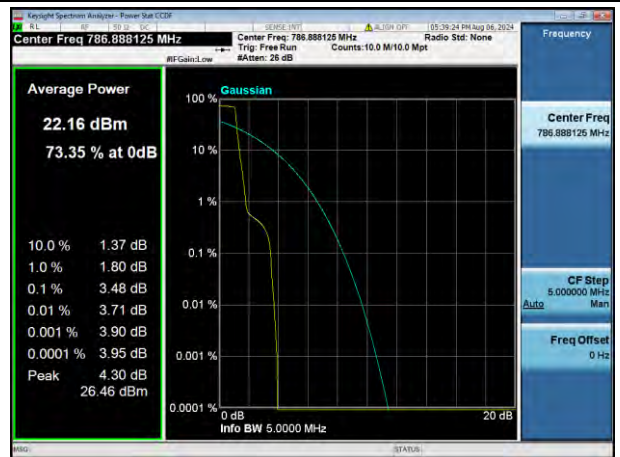
BPSK Middle channel-1@0



QPSK High channel-1@max

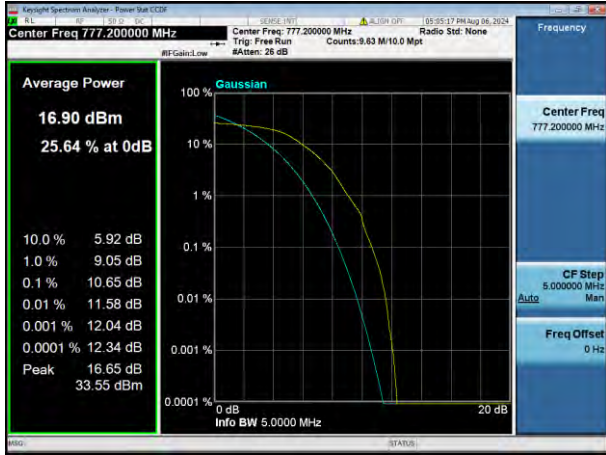


BPSK High channel-1@max

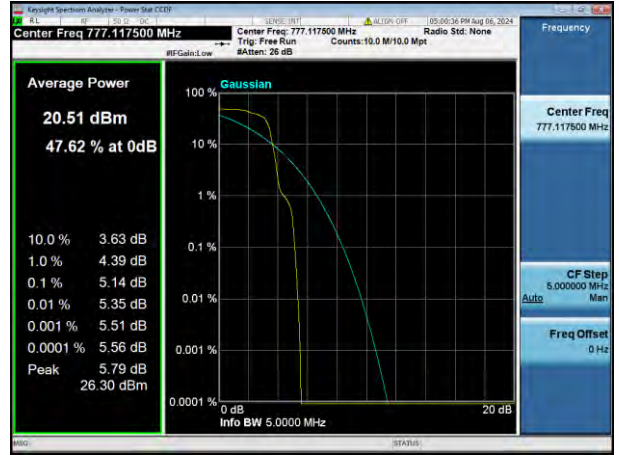


LTE FDD Band 13, SCS:15KHz

QPSK Low channel-12@0



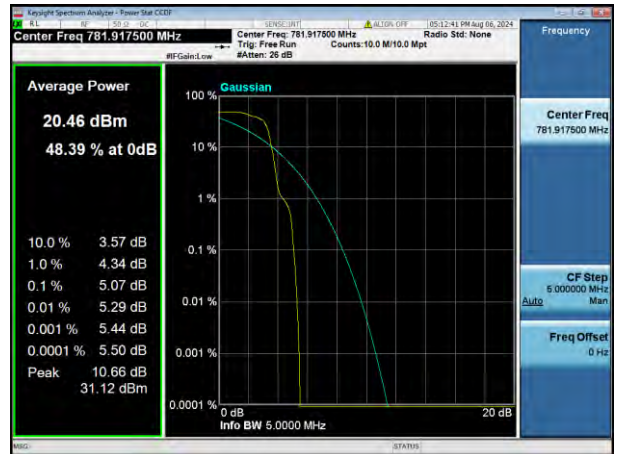
BPSK Low channel-1@0



QPSK Middle channel-12@0



BPSK Middle channel-1@0



QPSK High channel-12@0

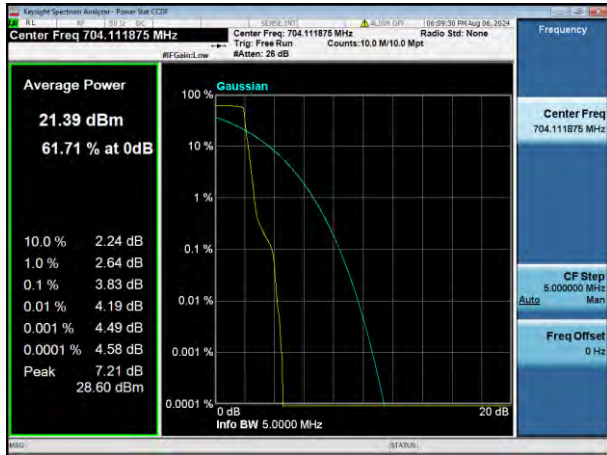


BPSK High channel-1@max

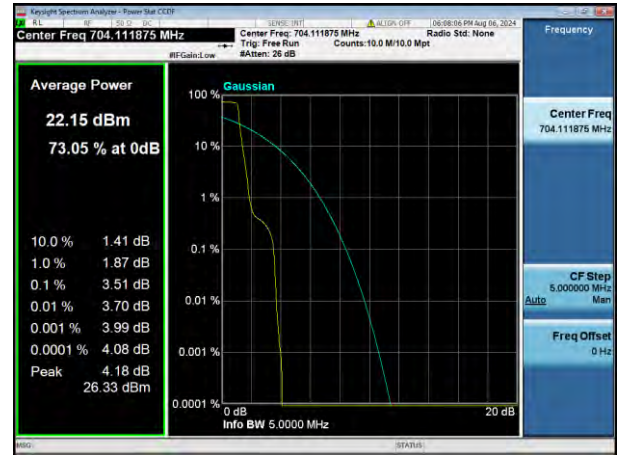


LTE FDD Band 17, SCS:3.75KHz

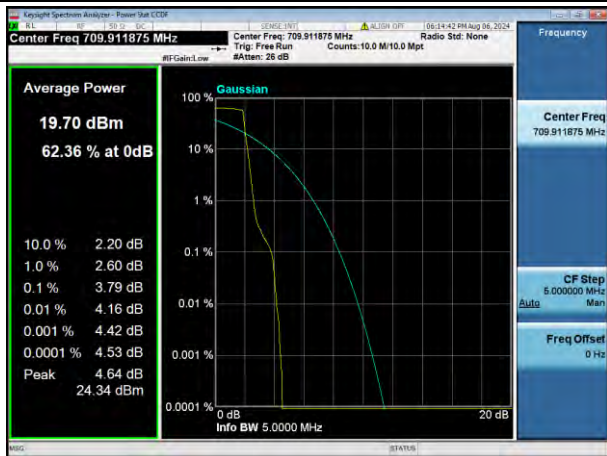
QPSK Low channel-1@0



BPSK Low channel-1@0



QPSK Middle channel-1@0



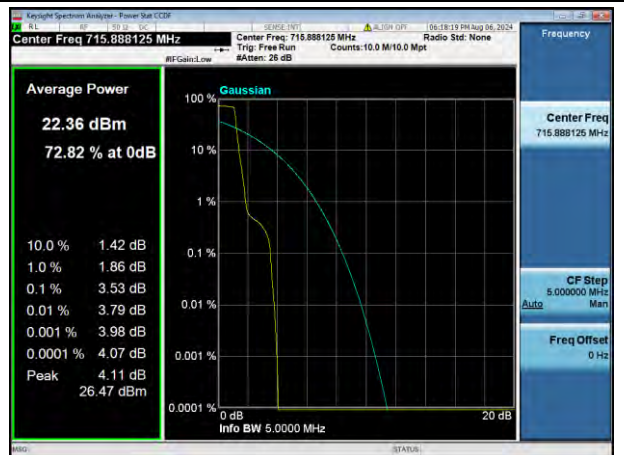
BPSK Middle channel-1@0



QPSK High channel-1@max

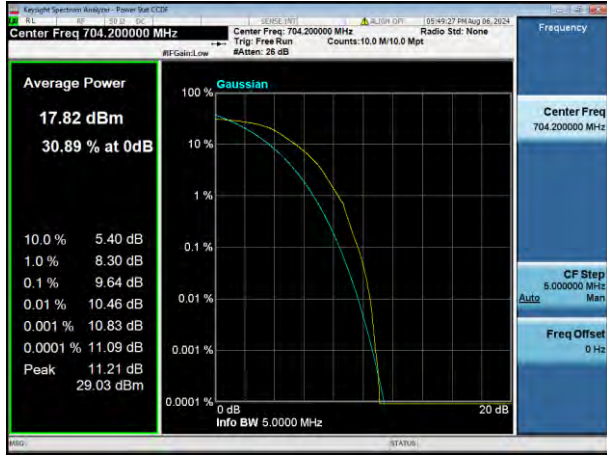


BPSK High channel-1@max

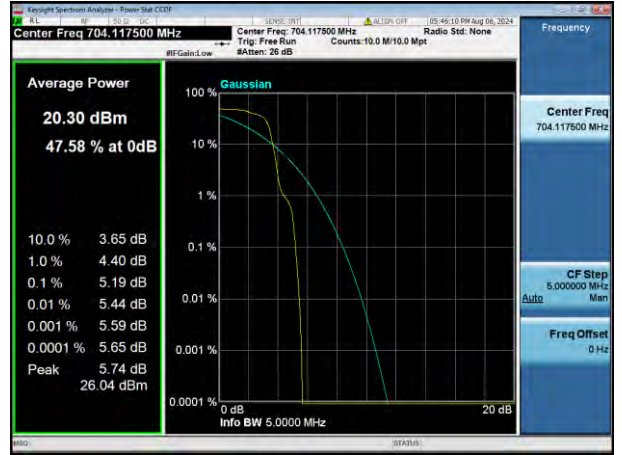


LTE FDD Band 17, SCS:15KHz

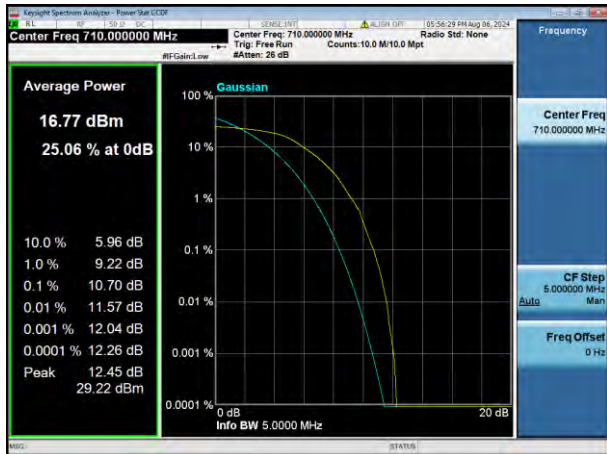
QPSK Low channel-12@0



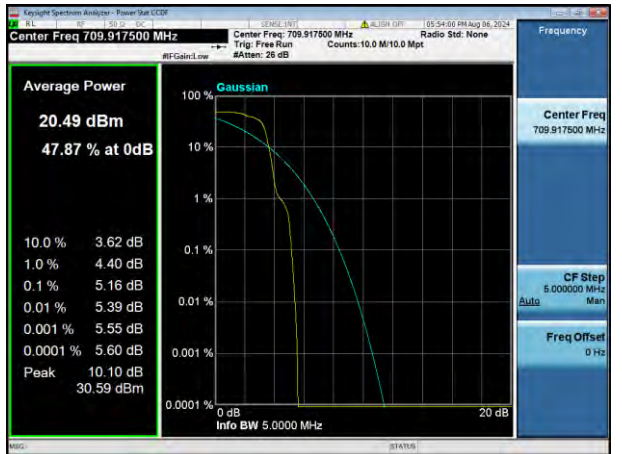
BPSK Low channel-1@0



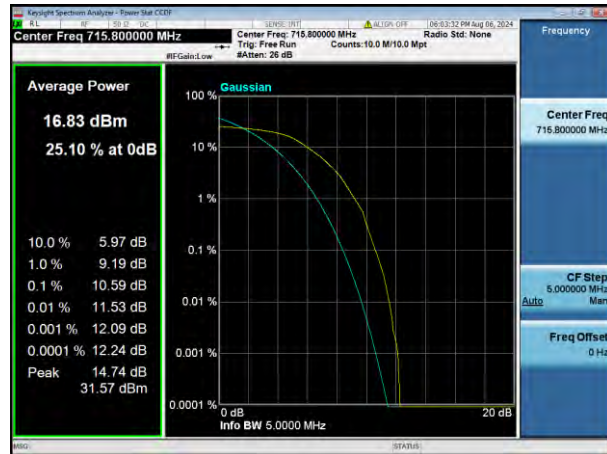
QPSK Middle channel-12@0



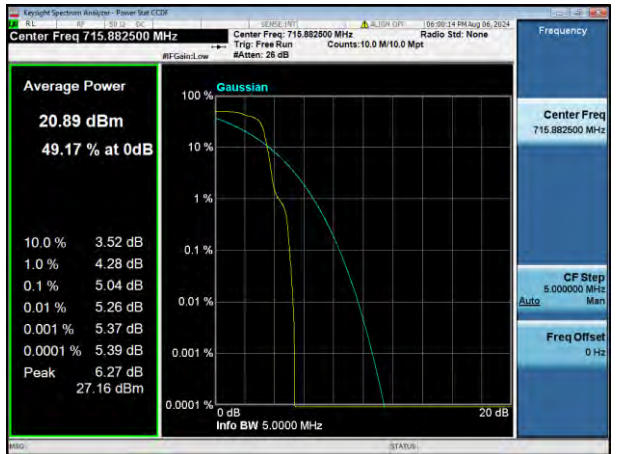
BPSK Middle channel-1@0



QPSK High channel-12@0

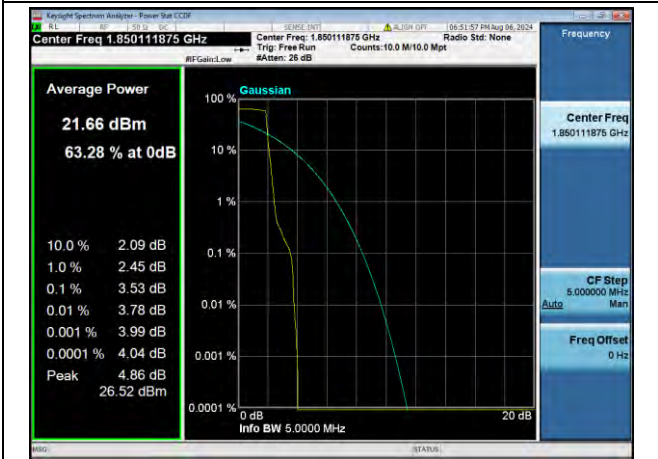


BPSK High channel-1@max



LTE FDD Band 25, SCS:3.75KHz

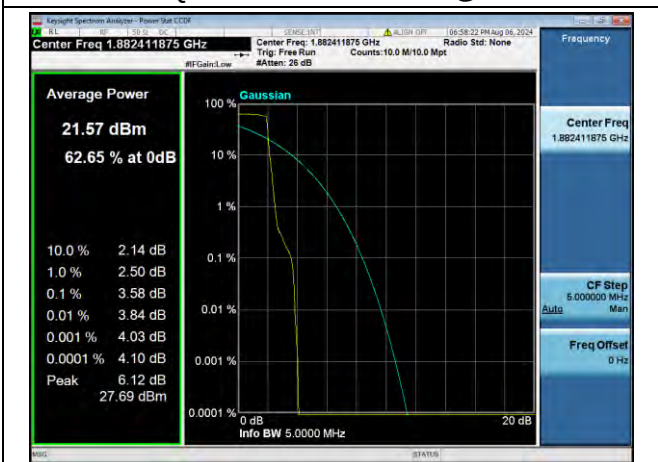
QPSK Low channel-1@0



BPSK Low channel-1@0



QPSK Middle channel-1@0



BPSK Middle channel-1@0



OPSK High channel-1@max

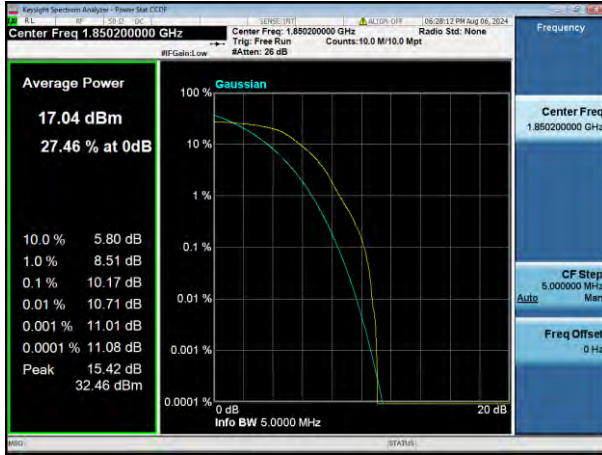


BPSK High channel-1@max

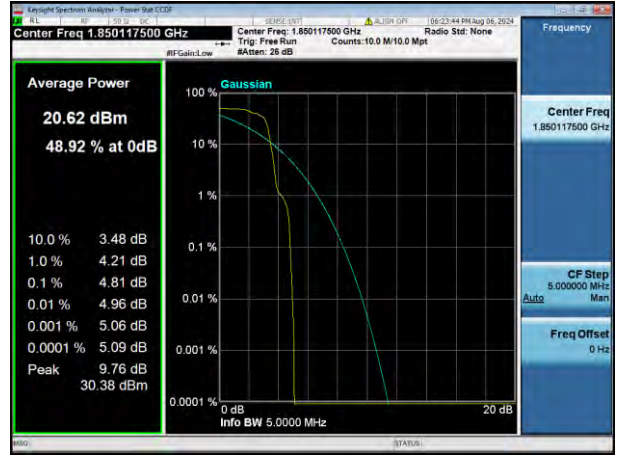


LTE FDD Band 25, SCS:15KHz

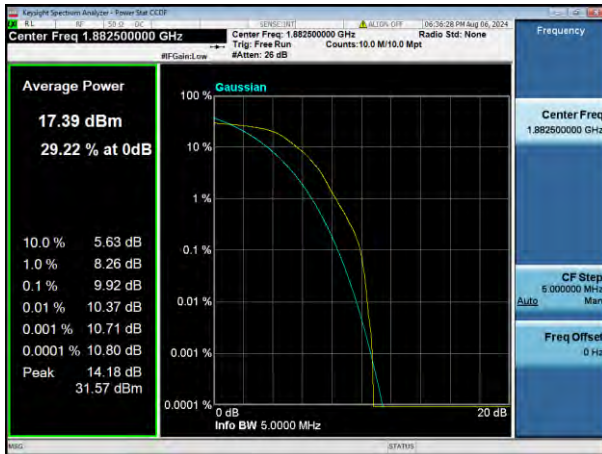
QPSK Low channel-12@0



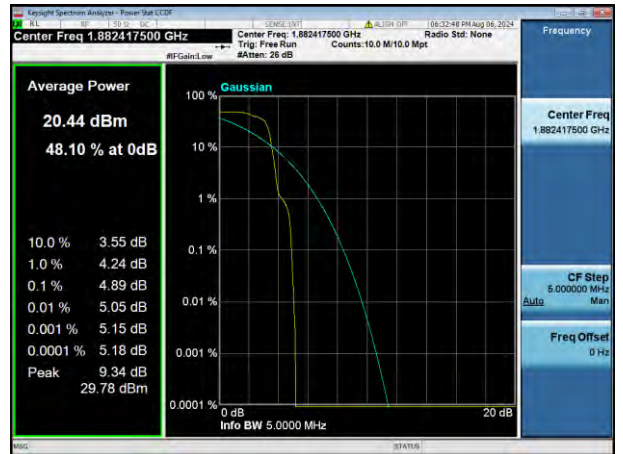
BPSK Low channel-1@0



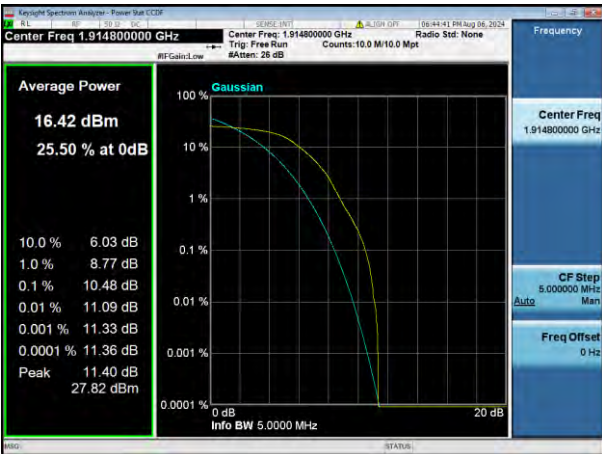
QPSK Middle channel-12@0



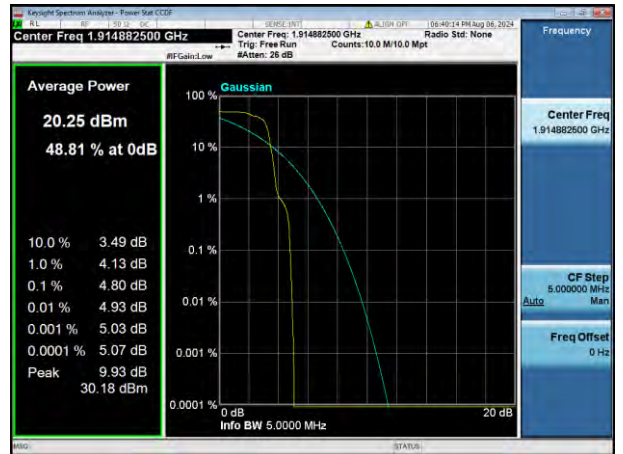
BPSK Middle channel-1@0



QPSK High channel-12@0

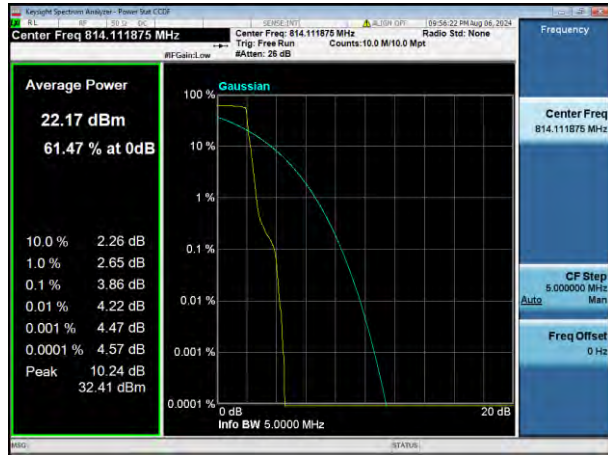


BPSK High channel-1@max

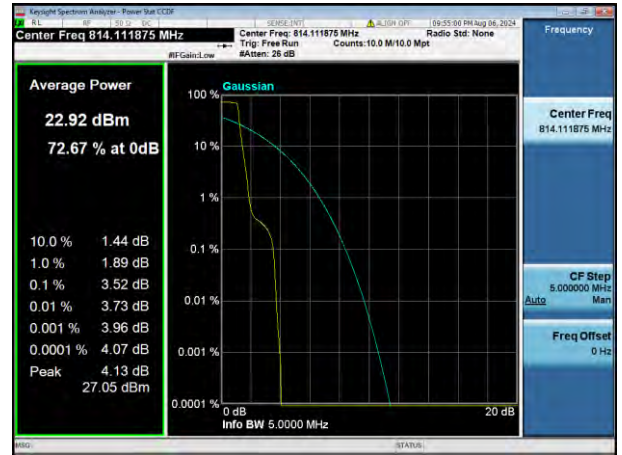


LTE FDD Band 26a, SCS:3.75KHz

QPSK Low channel-1@0



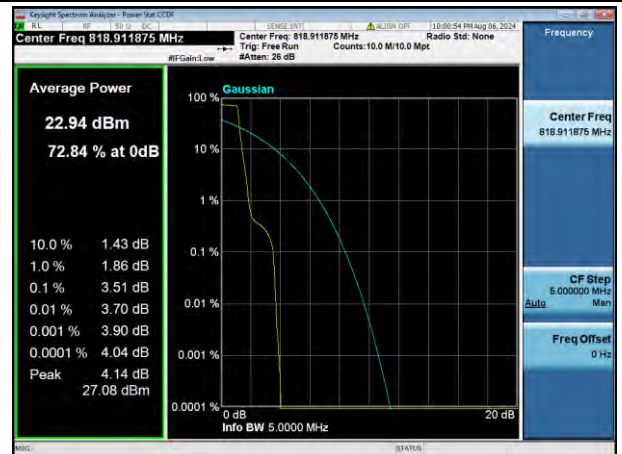
BPSK Low channel-1@0



QPSK Middle channel-1@0



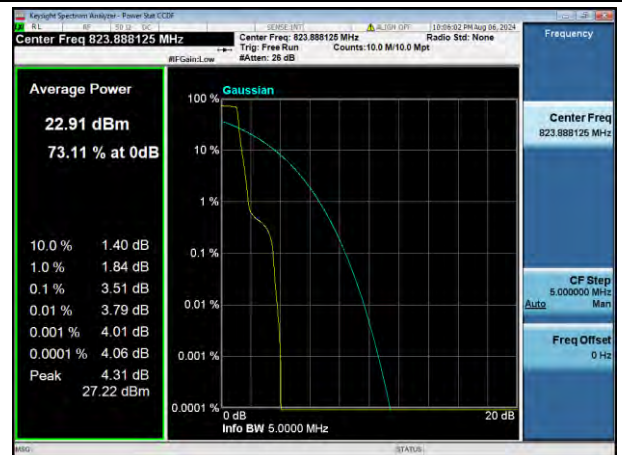
BPSK Middle channel-1@0



QPSK High channel-1@max



BPSK High channel-1@max

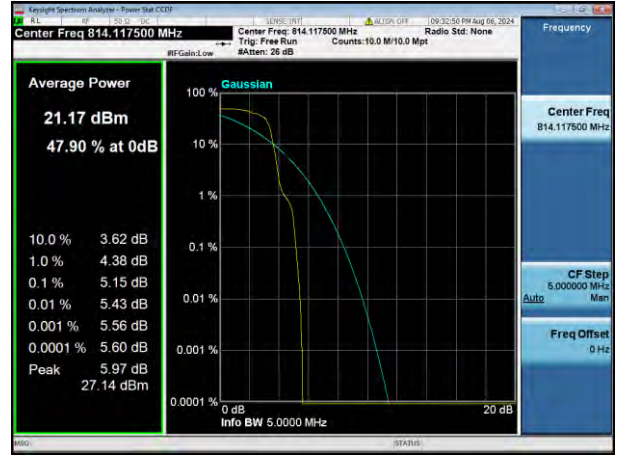


LTE FDD Band 26a, SCS:15KHz

QPSK Low channel-12@0



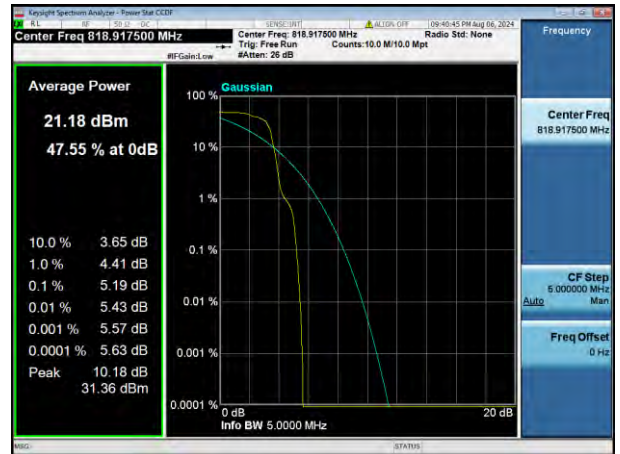
BPSK Low channel-1@0



QPSK Middle channel-12@0



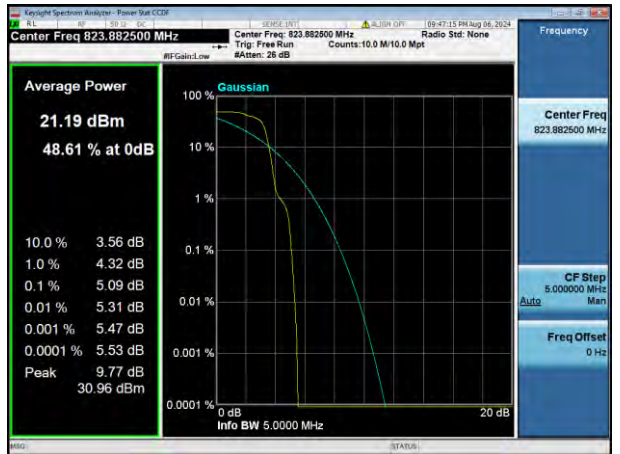
BPSK Middle channel-1@0



QPSK High channel-12@0

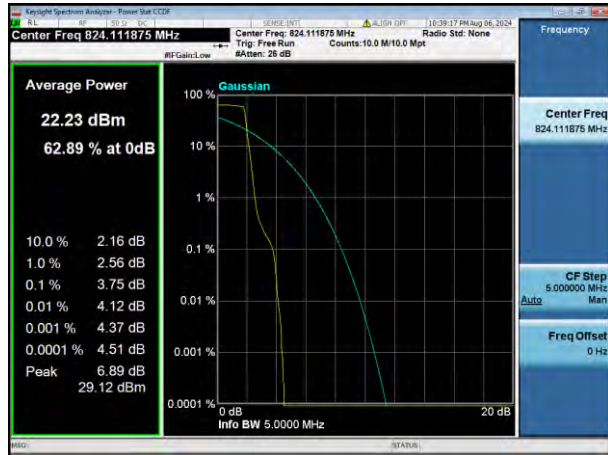


BPSK High channel-1@max

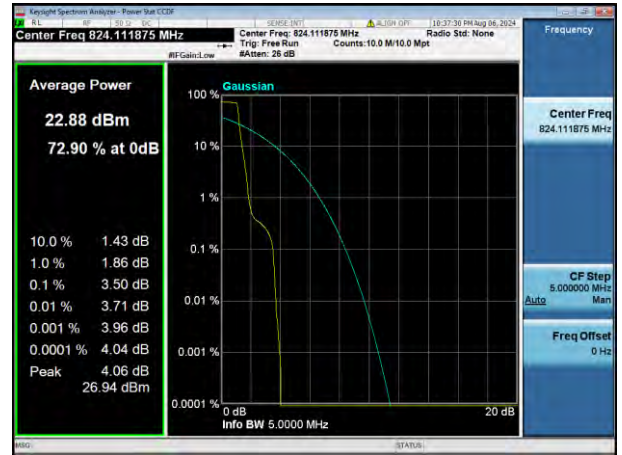


LTE FDD Band 26b, SCS:3.75KHz

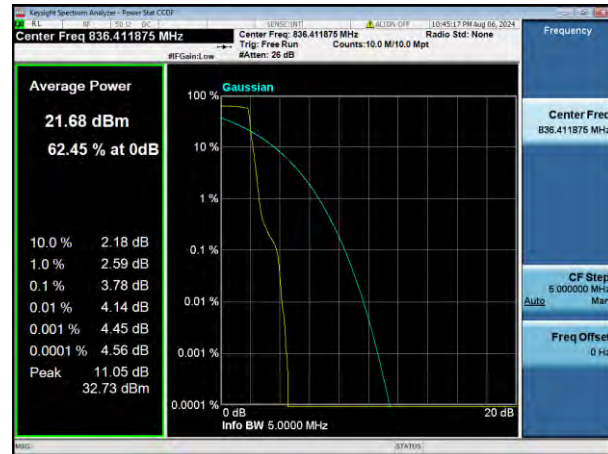
QPSK Low channel-1@0



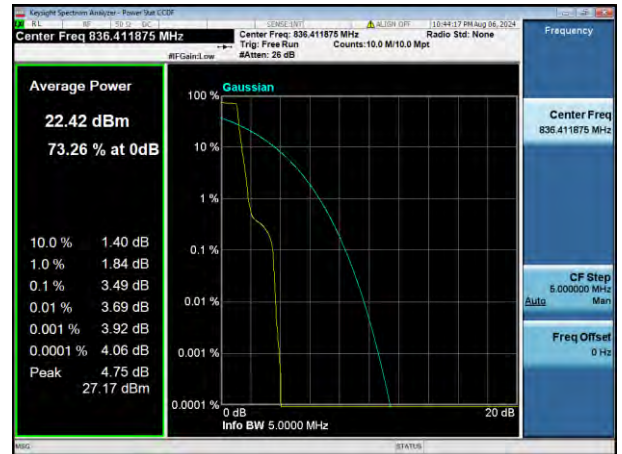
BPSK Low channel-1@0



QPSK Middle channel-1@0



BPSK Middle channel-1@0



QPSK High channel-1@max

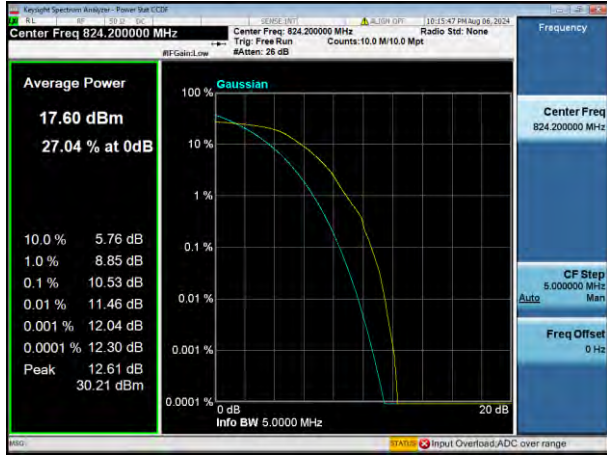


BPSK High channel-1@max

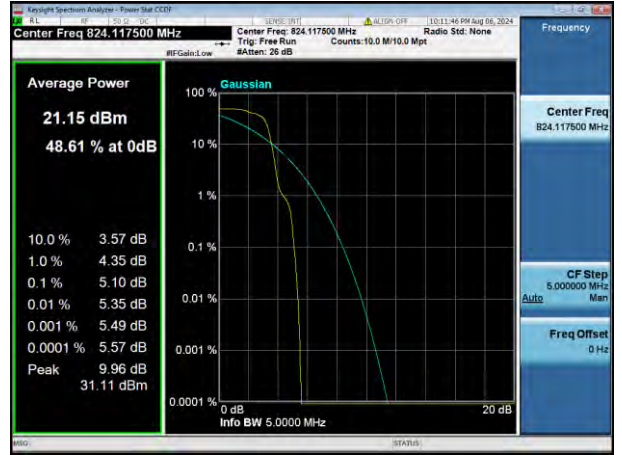


LTE FDD Band 26b, SCS:15KHz

QPSK Low channel-12@0



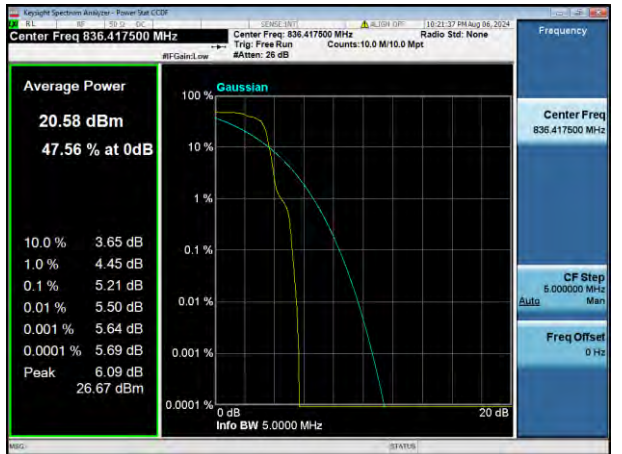
BPSK Low channel-1@0



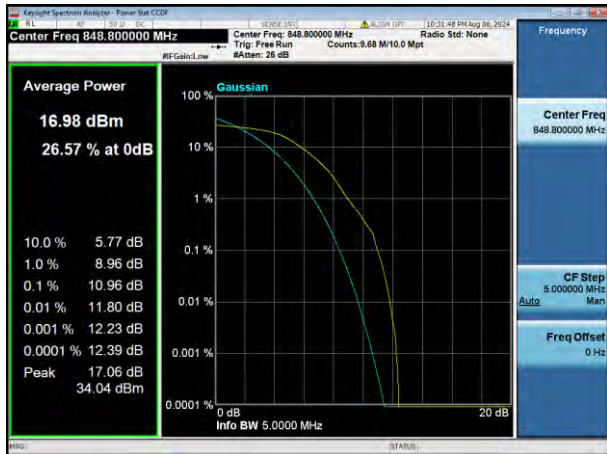
QPSK Middle channel-12@0



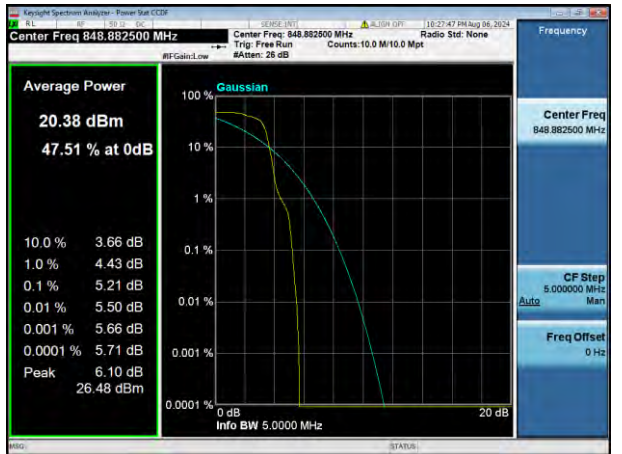
BPSK Middle channel-1@0



QPSK High channel-12@0



BPSK High channel-1@max

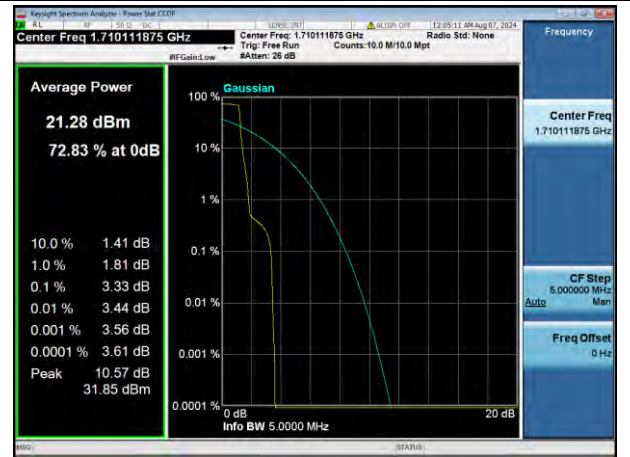


LTE FDD Band 66, SCS:3.75KHz

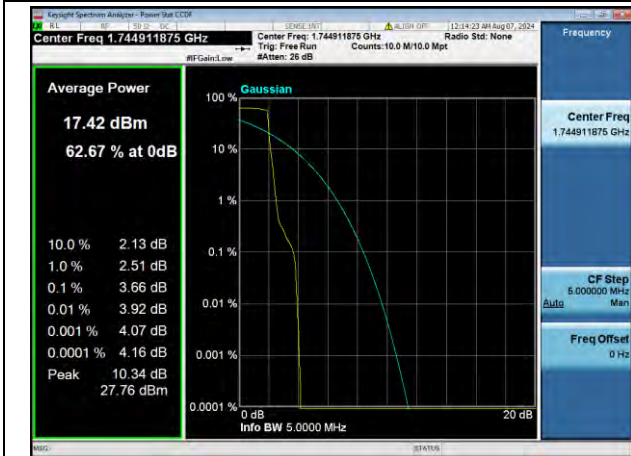
QPSK Low channel-1@0



BPSK Low channel-1@0



QPSK Middle channel-1@0



BPSK Middle channel-1@0



QPSK High channel-1@max



BPSK High channel-1@max

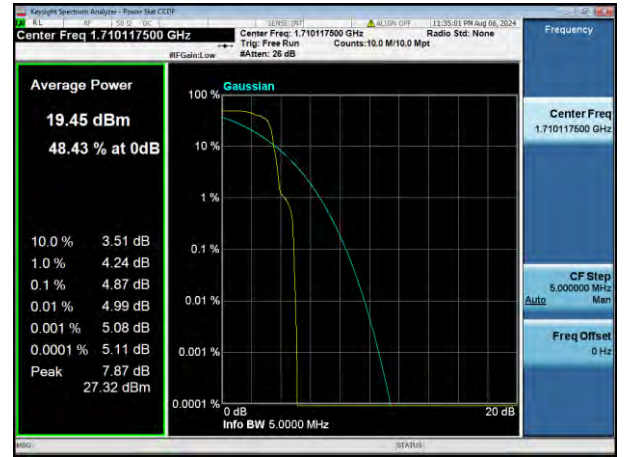


LTE FDD Band 66, SCS:15KHz

QPSK Low channel-12@0



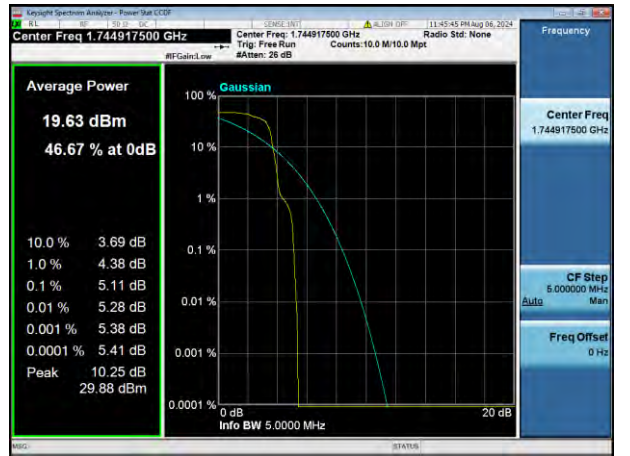
BPSK Low channel-1@0



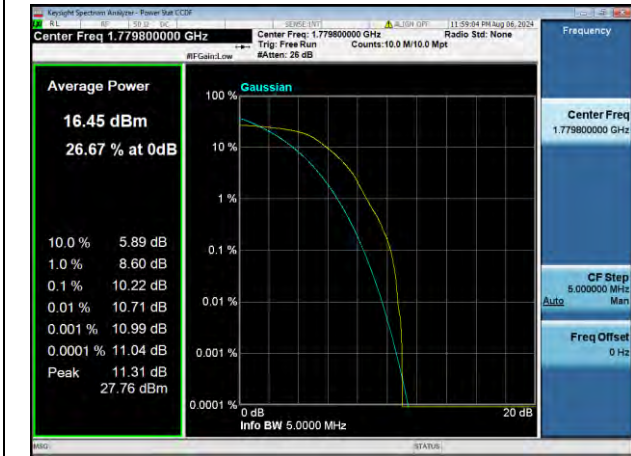
QPSK Middle channel-12@0



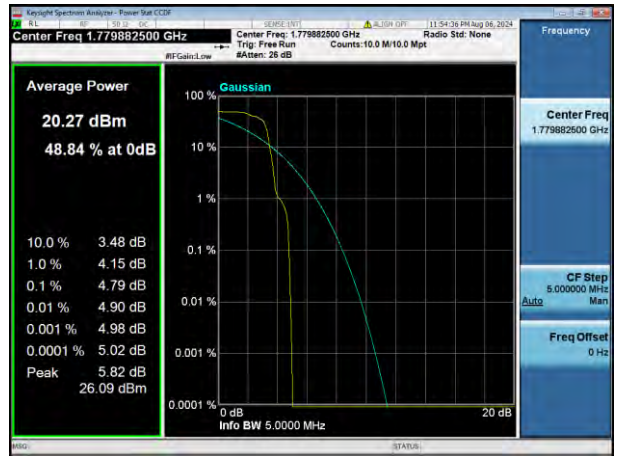
BPSK Middle channel-1@0



QPSK High channel-12@0

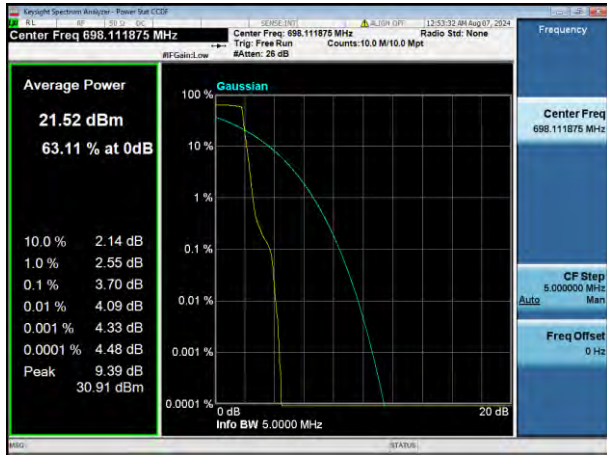


BPSK High channel-1@max

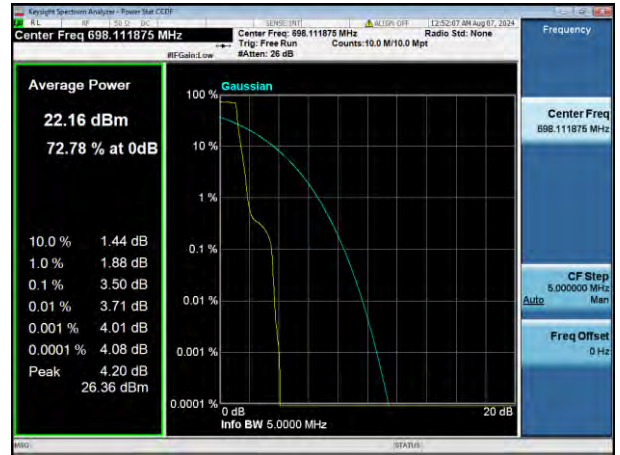


LTE FDD Band 85, SCS:3.75KHz

QPSK Low channel-1@0



BPSK Low channel-1@0



QPSK Middle channel-1@0



BPSK Middle channel-1@0



QPSK High channel-1@max

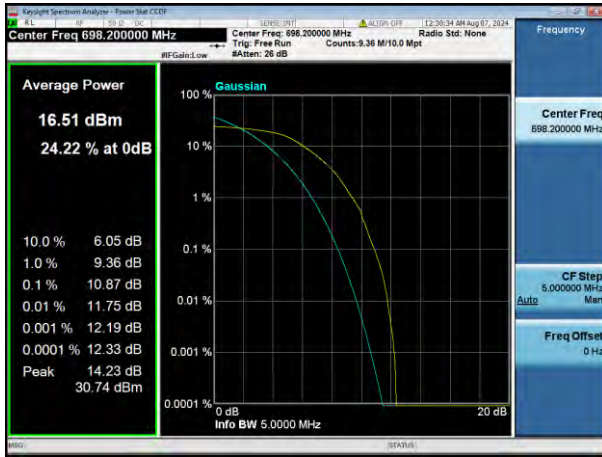


BPSK High channel-1@max

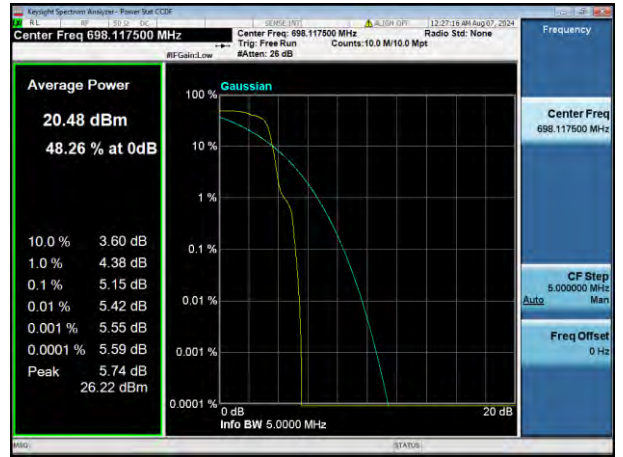


LTE FDD Band 85, SCS:15KHz

QPSK Low channel-12@0



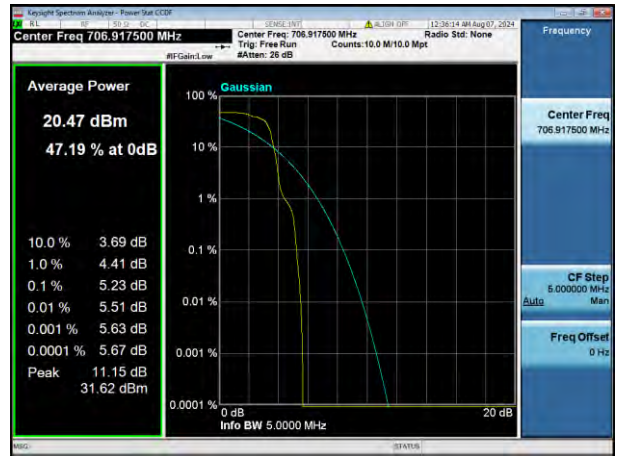
BPSK Low channel-1@0



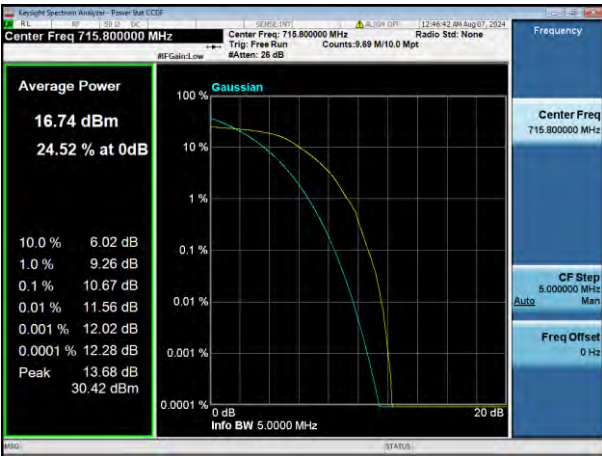
QPSK Middle channel-12@0



BPSK Middle channel-1@0



QPSK High channel-12@0



BPSK High channel-1@max

