

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	3.06	13	Pass
	MCH	1	0	3.07	13	Pass
	HCH	1	47	3.22	13	Pass
BPSK	LCH	1	0	2.48	13	Pass
	MCH	1	0	2.51	13	Pass
	HCH	1	47	2.72	13	Pass

LTE FDD Band 2, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	9.91	13	Pass
	MCH	12	0	9.96	13	Pass
	HCH	12	0	10.30	13	Pass
BPSK	LCH	1	0	4.36	13	Pass
	MCH	1	0	4.41	13	Pass
	HCH	1	11	4.47	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	3.17	13	Pass
	MCH	1	0	3.14	13	Pass
	HCH	1	47	2.99	13	Pass
BPSK	LCH	1	0	2.68	13	Pass
	MCH	1	0	2.56	13	Pass
	HCH	1	47	2.52	13	Pass

LTE FDD Band 4, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.28	13	Pass
	MCH	12	0	9.95	13	Pass
	HCH	12	0	9.39	13	Pass
BPSK	LCH	1	0	4.25	13	Pass
	MCH	1	0	4.30	13	Pass
	HCH	1	11	4.26	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	3.08	13	Pass
	MCH	1	0	2.93	13	Pass
	HCH	1	47	2.82	13	Pass
BPSK	LCH	1	0	2.45	13	Pass
	MCH	1	0	2.38	13	Pass
	HCH	1	47	2.24	13	Pass

LTE FDD Band 5, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	9.66	13	Pass
	MCH	12	0	9.64	13	Pass
	HCH	12	0	9.25	13	Pass
BPSK	LCH	1	0	4.30	13	Pass
	MCH	1	0	4.21	13	Pass
	HCH	1	11	4.19	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	2.85	13	Pass
	MCH	1	0	2.75	13	Pass
	HCH	1	47	2.85	13	Pass
BPSK	LCH	1	0	2.17	13	Pass
	MCH	1	0	2.15	13	Pass
	HCH	1	47	2.21	13	Pass

LTE FDD Band 12, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	9.45	13	Pass
	MCH	12	0	9.38	13	Pass
	HCH	12	0	9.47	13	Pass
BPSK	LCH	1	0	4.10	13	Pass
	MCH	1	0	4.08	13	Pass
	HCH	1	11	4.09	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	3.09	13	Pass
	MCH	1	0	3.08	13	Pass
	HCH	1	47	3.01	13	Pass
BPSK	LCH	1	0	2.55	13	Pass
	MCH	1	0	2.42	13	Pass
	HCH	1	47	2.55	13	Pass

LTE FDD Band 13, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.29	13	Pass
	MCH	12	0	9.82	13	Pass
	HCH	12	0	9.76	13	Pass
BPSK	LCH	1	0	4.33	13	Pass
	MCH	1	0	4.39	13	Pass
	HCH	1	11	4.23	13	Pass

LTE FDD Band 19, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	2.99	13	Pass
	MCH	1	0	2.98	13	Pass
	HCH	1	47	2.96	13	Pass
BPSK	LCH	1	0	2.46	13	Pass
	MCH	1	0	2.36	13	Pass
	HCH	1	47	2.37	13	Pass

LTE FDD Band 19, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	9.47	13	Pass
	MCH	12	0	9.47	13	Pass
	HCH	12	0	9.67	13	Pass
BPSK	LCH	1	0	4.21	13	Pass
	MCH	1	0	4.20	13	Pass
	HCH	1	11	4.35	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	3.05	13	Pass
	MCH	1	0	3.15	13	Pass
	HCH	1	47	3.23	13	Pass
BPSK	LCH	1	0	2.50	13	Pass
	MCH	1	0	2.56	13	Pass
	HCH	1	47	2.66	13	Pass

LTE FDD Band 25, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	9.72	13	Pass
	MCH	12	0	9.89	13	Pass
	HCH	12	0	10.21	13	Pass
BPSK	LCH	1	0	4.24	13	Pass
	MCH	1	0	4.33	13	Pass
	HCH	1	11	4.55	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	3.14	13	Pass
	MCH	1	0	3.04	13	Pass
	HCH	1	47	3.04	13	Pass
BPSK	LCH	1	0	2.56	13	Pass
	MCH	1	0	2.42	13	Pass
	HCH	1	47	2.41	13	Pass

LTE FDD Band 26a, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.01	13	Pass
	MCH	12	0	9.82	13	Pass
	HCH	12	0	9.88	13	Pass
BPSK	LCH	1	0	4.39	13	Pass
	MCH	1	0	4.38	13	Pass
	HCH	1	11	4.28	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	3.05	13	Pass
	MCH	1	0	2.99	13	Pass
	HCH	1	47	2.83	13	Pass
BPSK	LCH	1	0	2.56	13	Pass
	MCH	1	0	2.37	13	Pass
	HCH	1	47	2.27	13	Pass

LTE FDD Band 26b, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	9.73	13	Pass
	MCH	12	0	9.56	13	Pass
	HCH	12	0	9.64	13	Pass
BPSK	LCH	1	0	4.30	13	Pass
	MCH	1	0	4.22	13	Pass
	HCH	1	11	4.25	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	3.19	13	Pass
	MCH	1	0	3.19	13	Pass
	HCH	1	47	3.10	13	Pass
BPSK	LCH	1	0	2.73	13	Pass
	MCH	1	0	2.59	13	Pass
	HCH	1	47	2.56	13	Pass

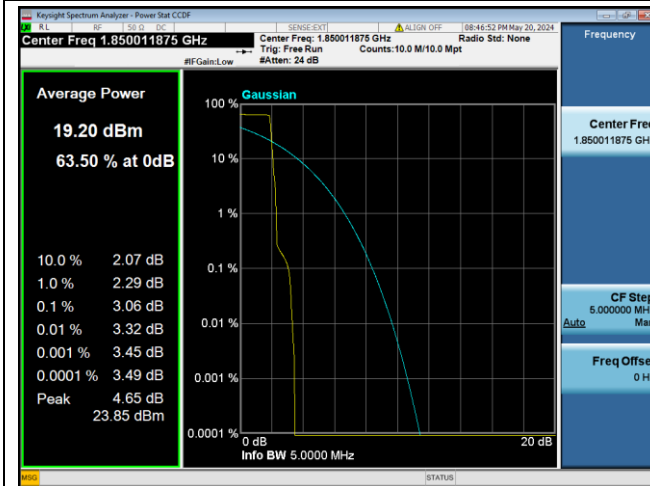
LTE FDD Band 66, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	9.87	13	Pass
	MCH	12	0	10.04	13	Pass
	HCH	12	0	9.94	13	Pass
BPSK	LCH	1	0	4.38	13	Pass
	MCH	1	0	4.29	13	Pass
	HCH	1	11	5.20	13	Pass

LTE FDD Band 85, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	2.74	13	Pass
	MCH	1	0	2.77	13	Pass
	HCH	1	47	2.74	13	Pass
BPSK	LCH	1	0	2.20	13	Pass
	MCH	1	0	2.14	13	Pass
	HCH	1	47	2.19	13	Pass

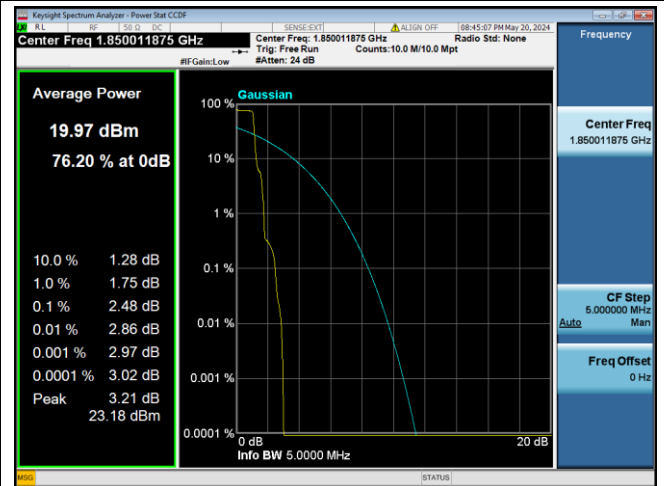
LTE FDD Band 85, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	9.66	13	Pass
	MCH	12	0	9.02	13	Pass
	HCH	12	0	8.99	13	Pass
BPSK	LCH	1	0	4.04	13	Pass
	MCH	1	0	4.11	13	Pass
	HCH	1	11	4.17	13	Pass

LTE FDD Band 2, SCS:3.75KHz

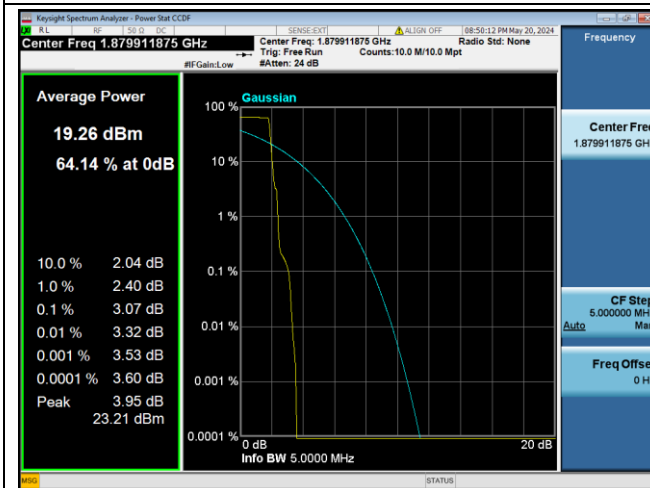
QPSK Low channel-1@0



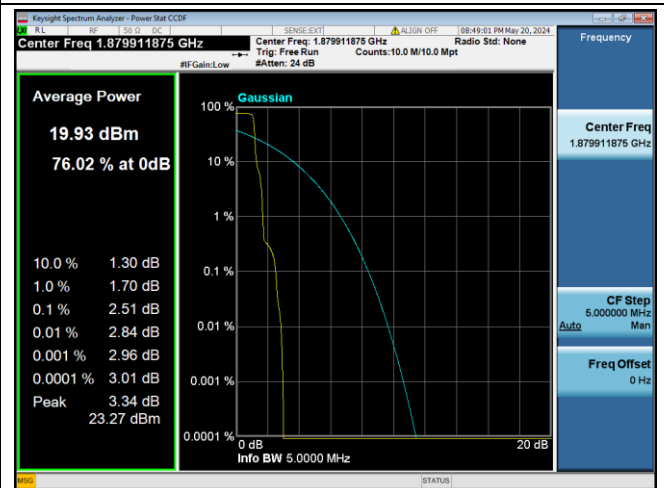
BPSK Low channel-1@0



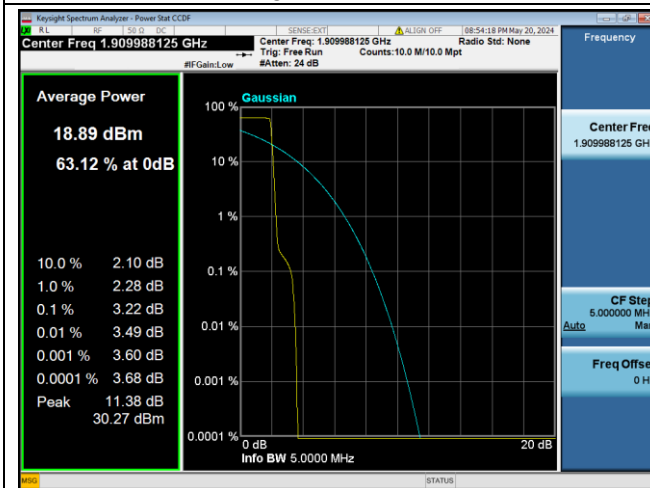
QPSK Middle channel-1@0



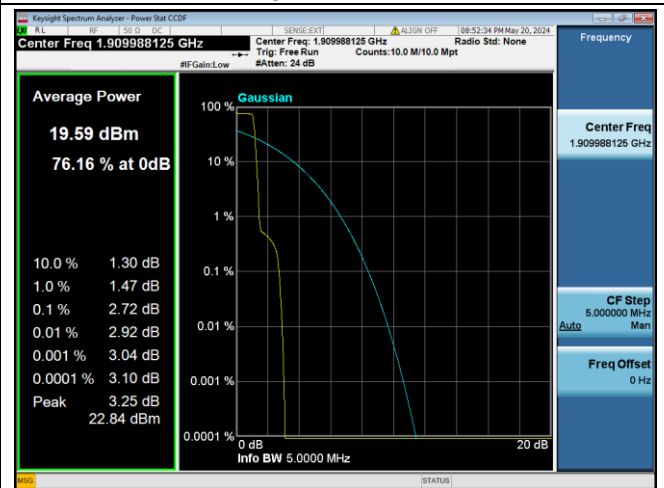
BPSK Middle channel-1@0



QPSK High channel-1@max

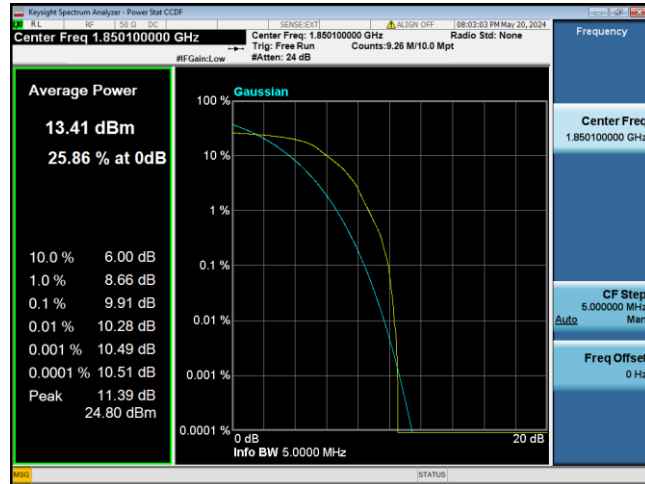


BPSK High channel-1@max

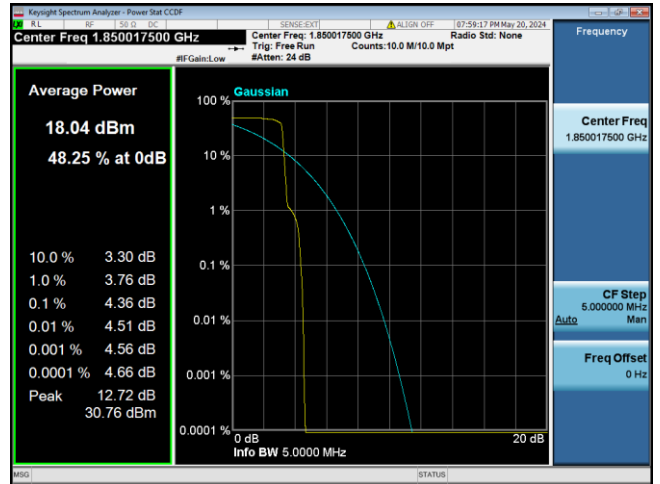


LTE FDD Band 2, SCS:15KHz

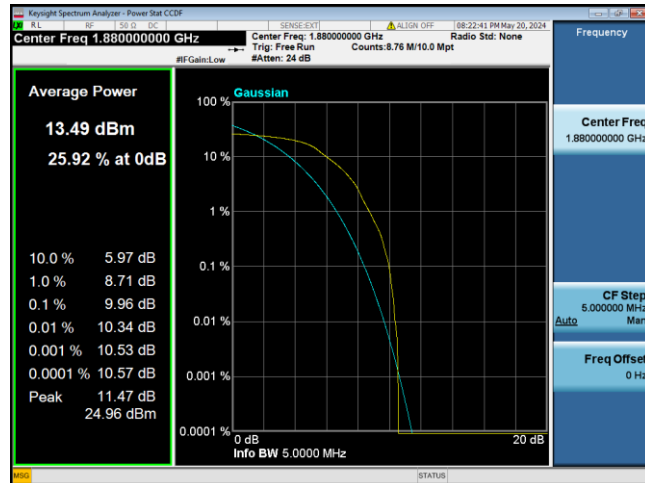
QPSK Low channel-12@0



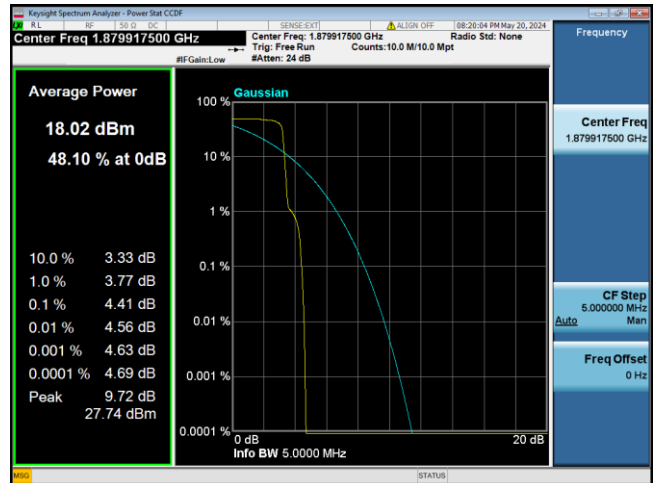
BPSK Low channel-1@0



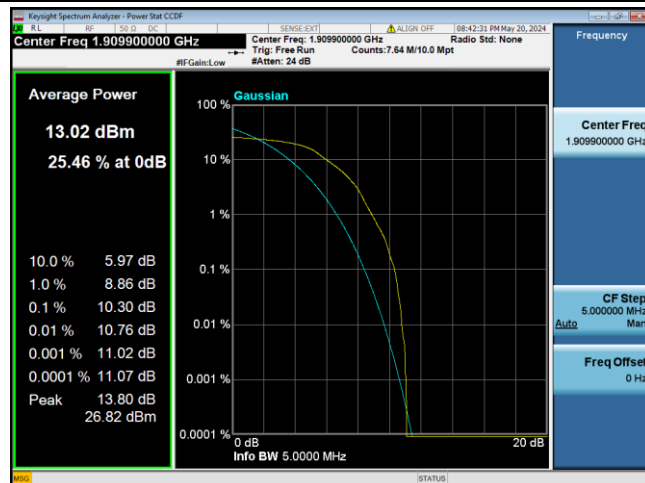
QPSK Middle channel-12@0



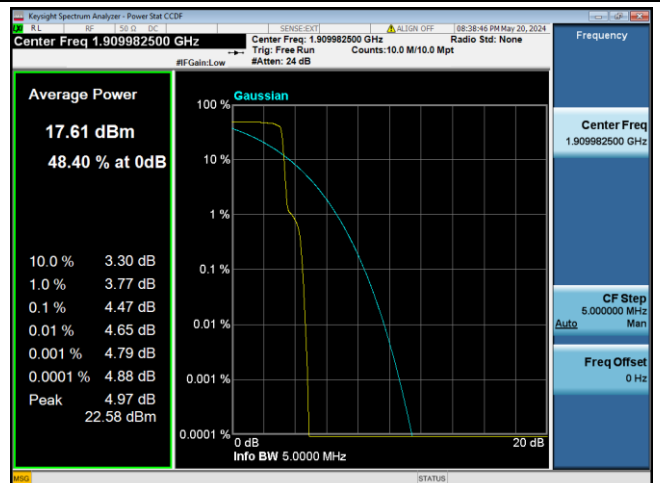
BPSK Middle channel-1@0



QPSK High channel-12@0

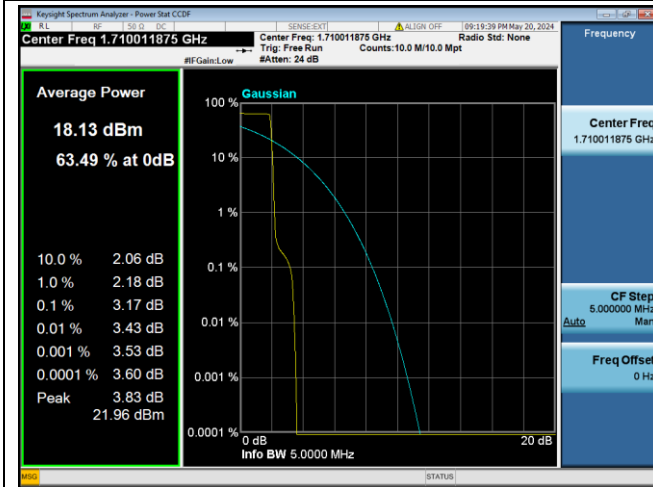


BPSK High channel-1@max

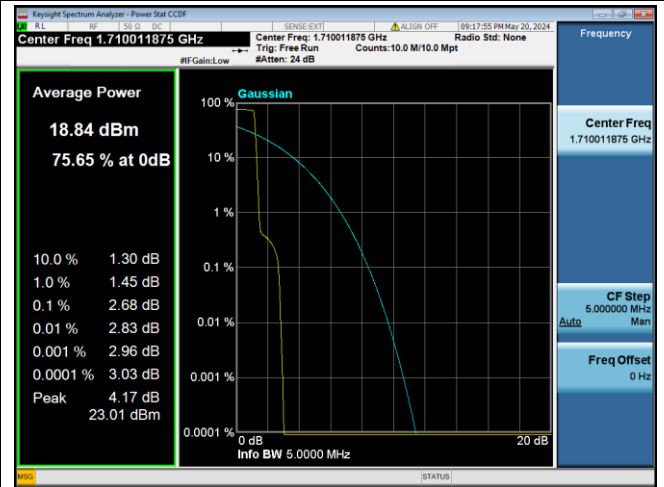


LTE FDD Band 4, SCS:3.75KHz

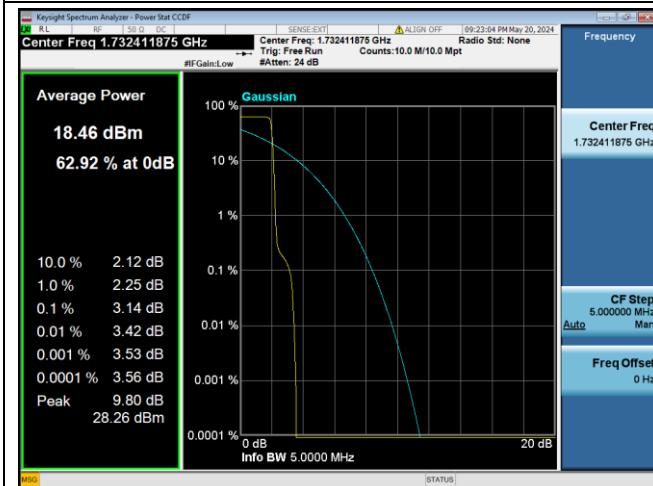
QPSK Low channel-1@0



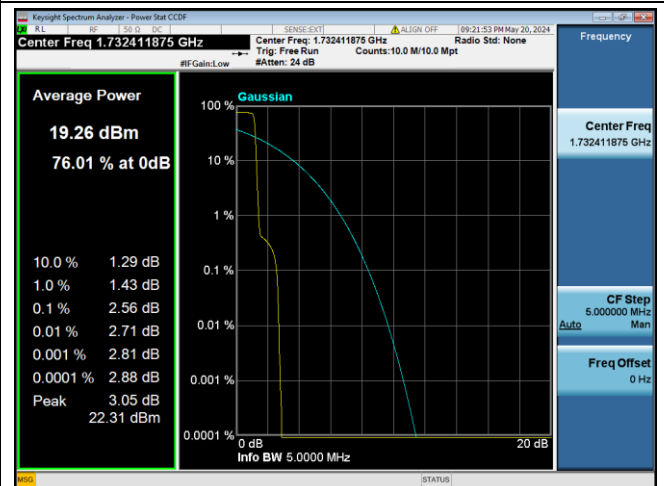
BPSK Low channel-1@0



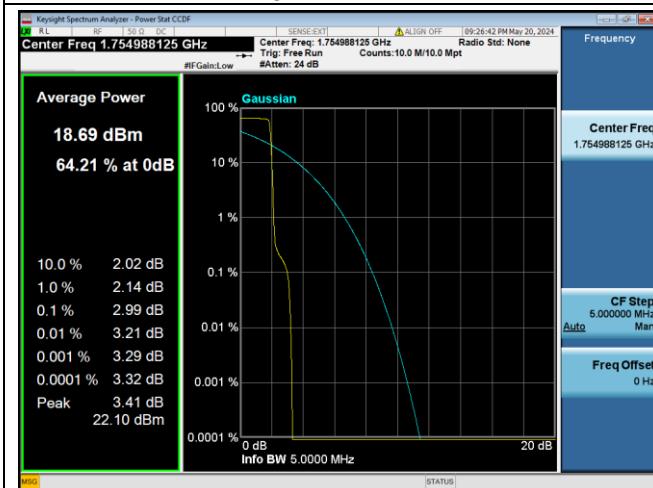
QPSK Middle channel-1@0



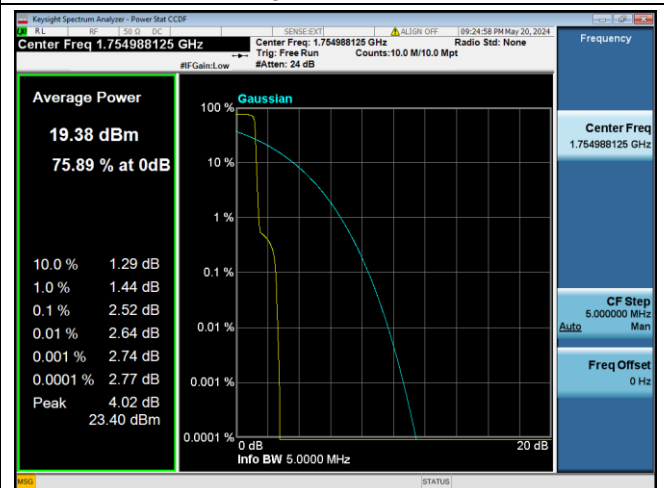
BPSK Middle channel-1@0



QPSK High channel-1@max

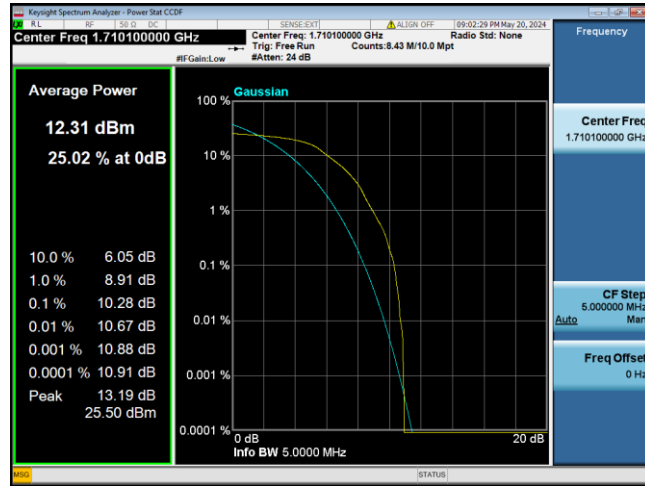


BPSK High channel-1@max

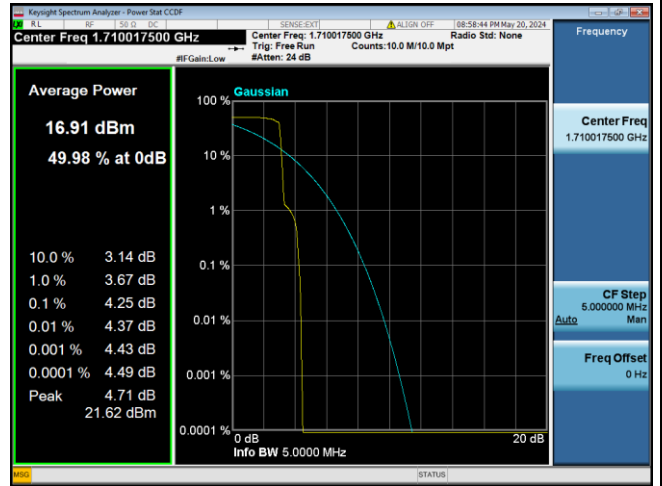


LTE FDD Band 4, SCS:15KHz

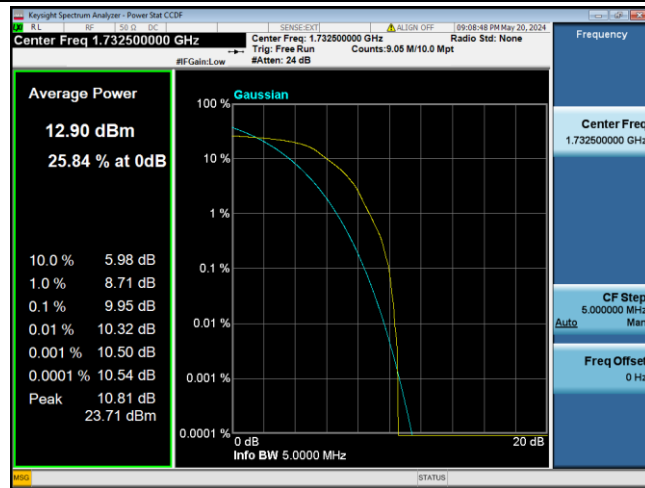
QPSK Low channel-12@0



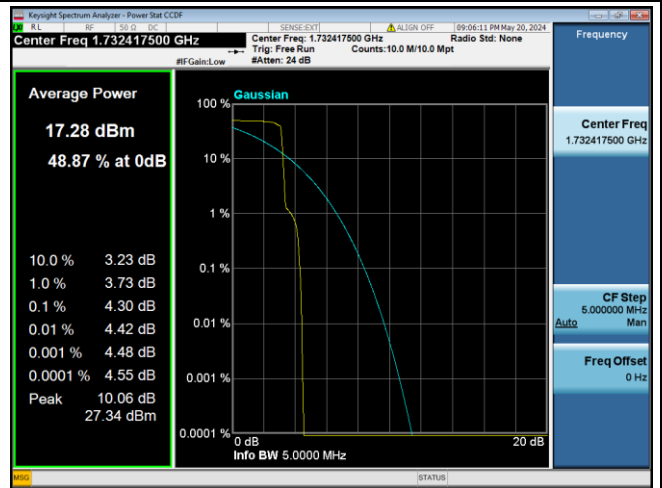
BPSK Low channel-1@0



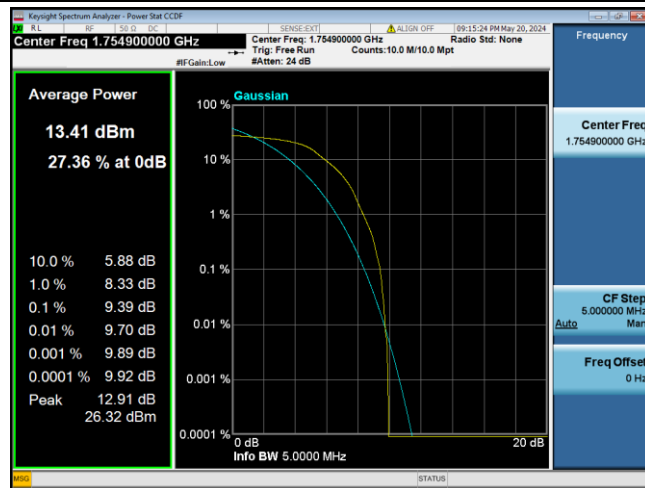
QPSK Middle channel-12@0



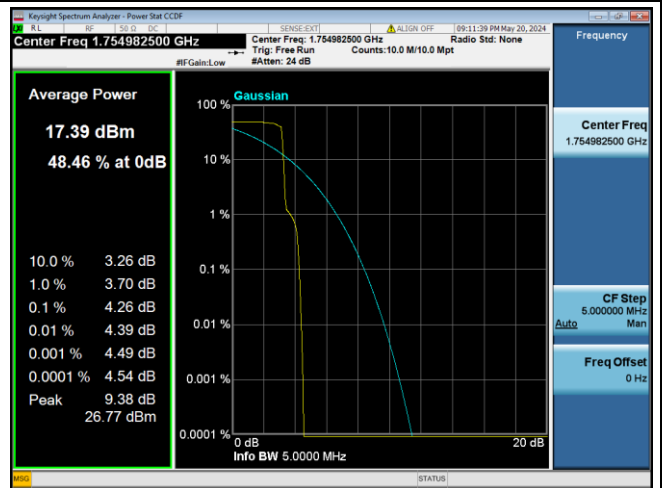
BPSK Middle channel-1@0



QPSK High channel-12@0

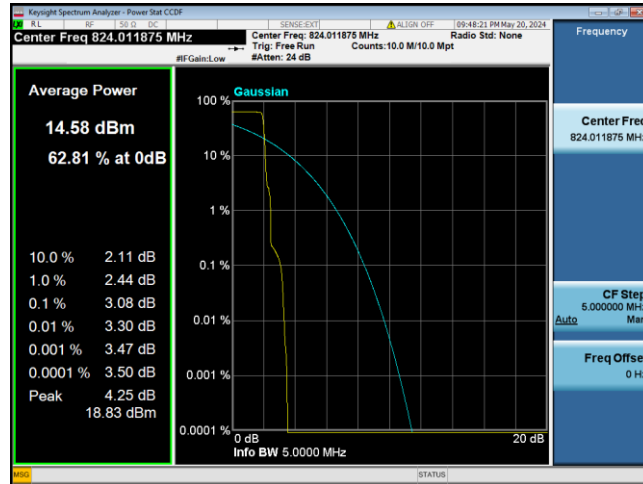


BPSK High channel-1@max

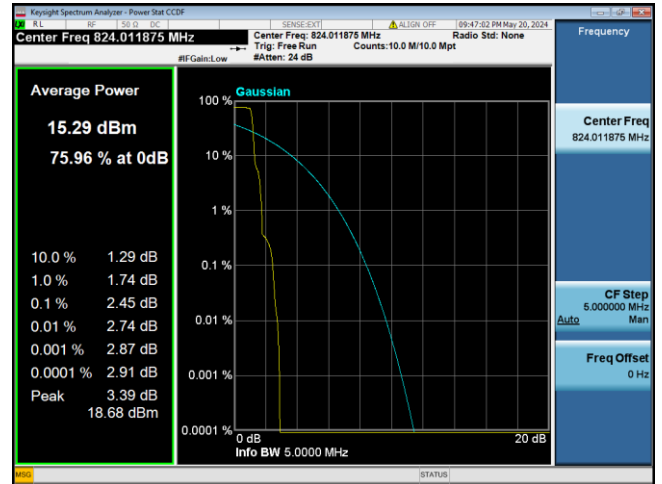


LTE FDD Band 5, SCS:3.75KHz

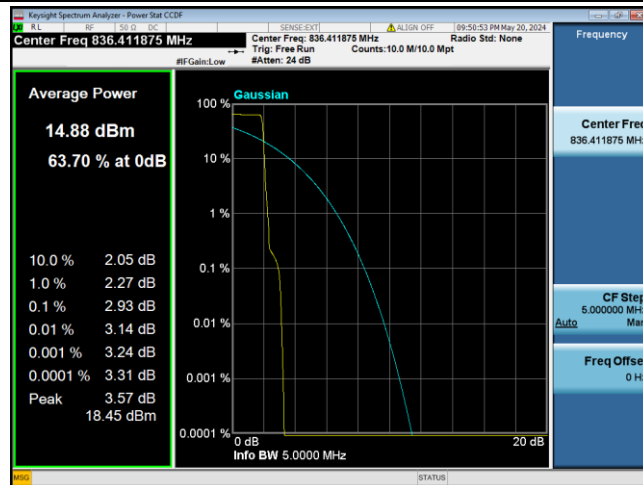
QPSK Low channel-1@0



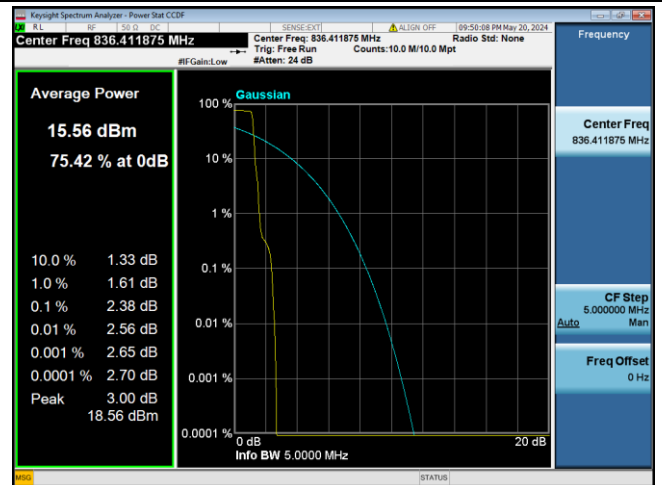
BPSK Low channel-1@0



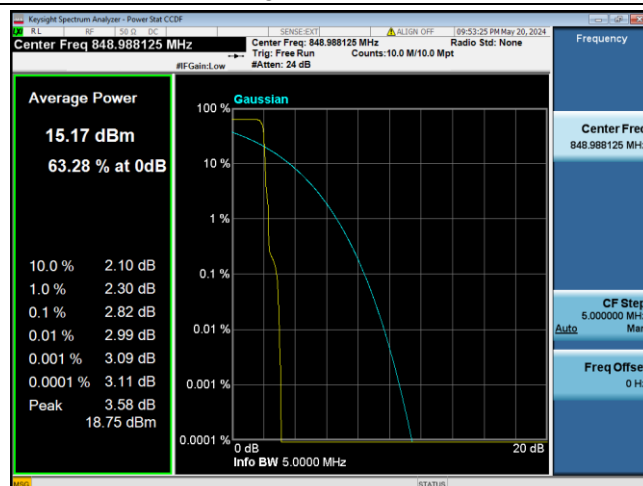
QPSK Middle channel-1@0



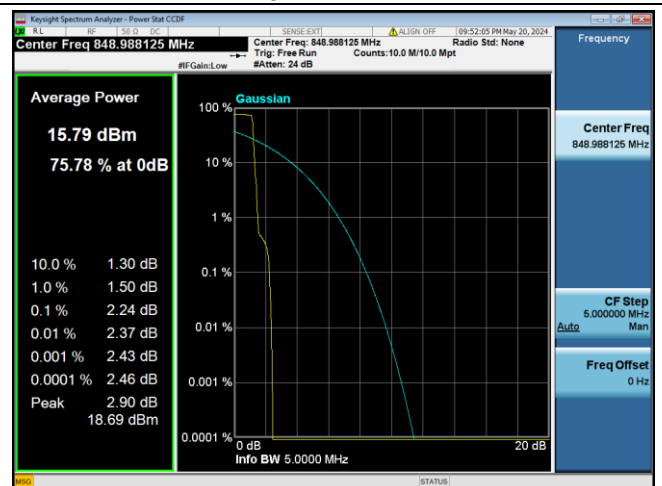
BPSK Middle channel-1@0



QPSK High channel-1@max

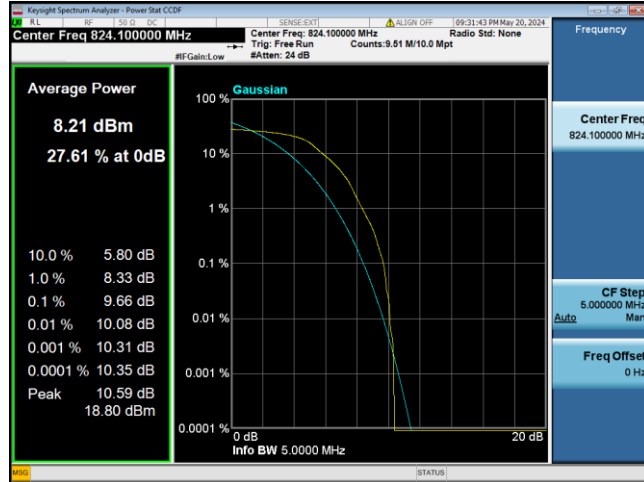


BPSK High channel-1@max

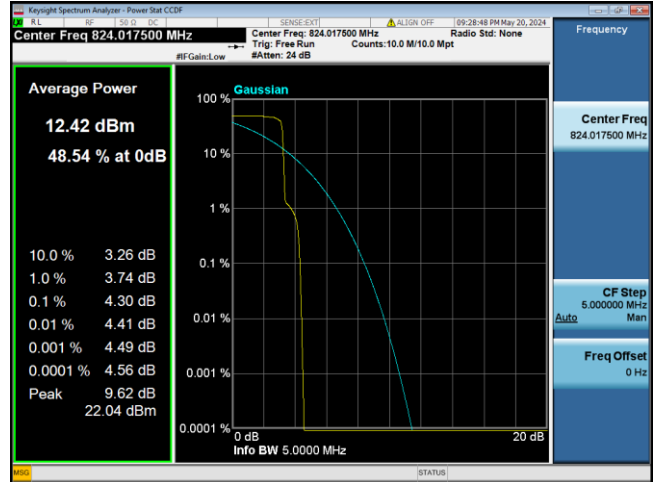


LTE FDD Band 5, SCS:15KHz

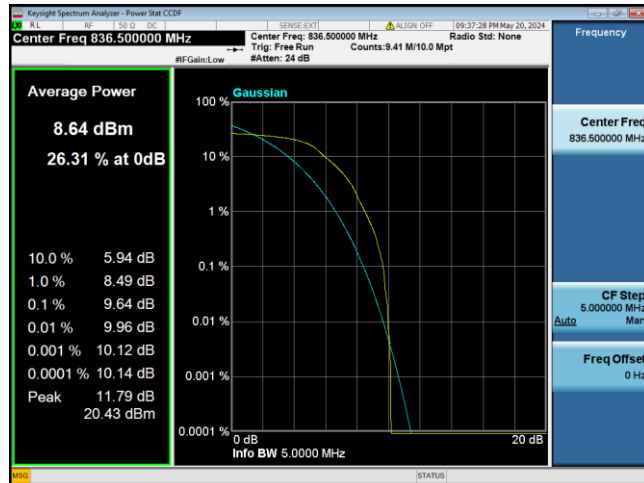
QPSK Low channel-12@0



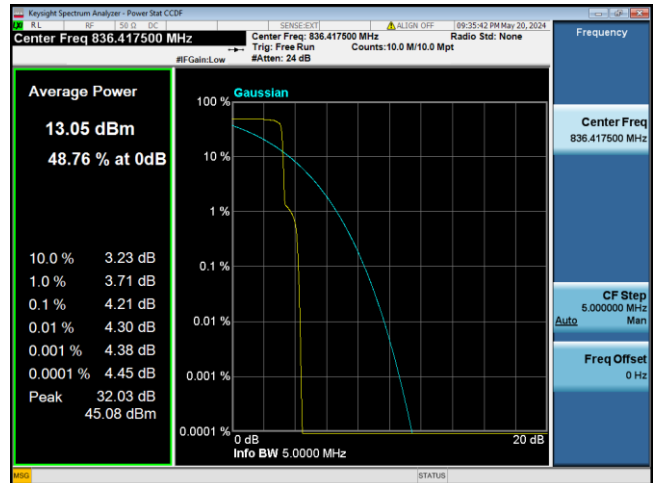
BPSK Low channel-1@0



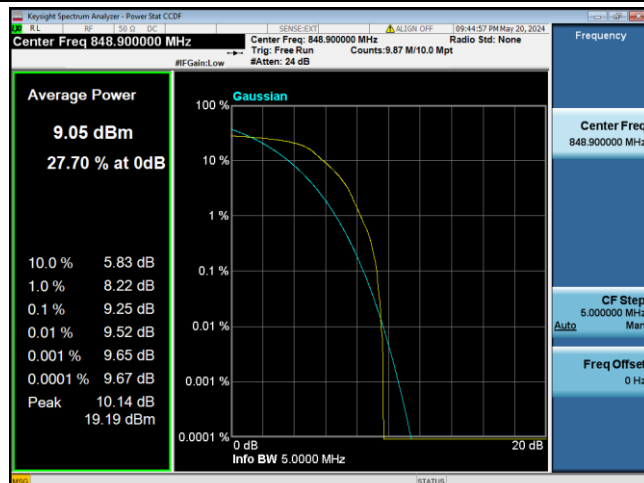
QPSK Middle channel-12@0



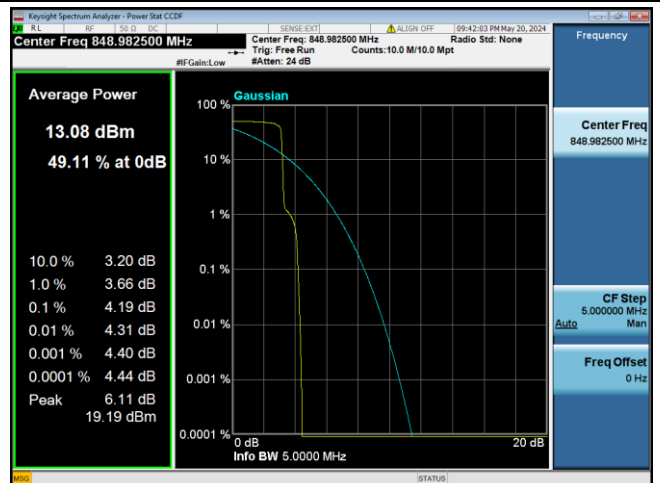
BPSK Middle channel-1@0



QPSK High channel-12@0

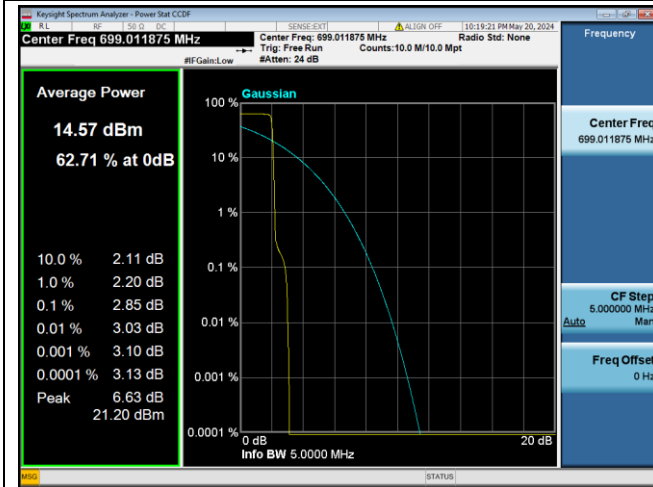


BPSK High channel-1@max

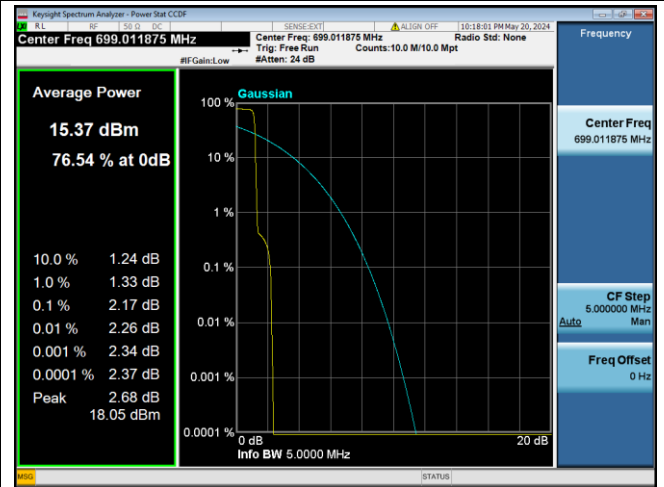


LTE FDD Band 12, SCS:3.75KHz

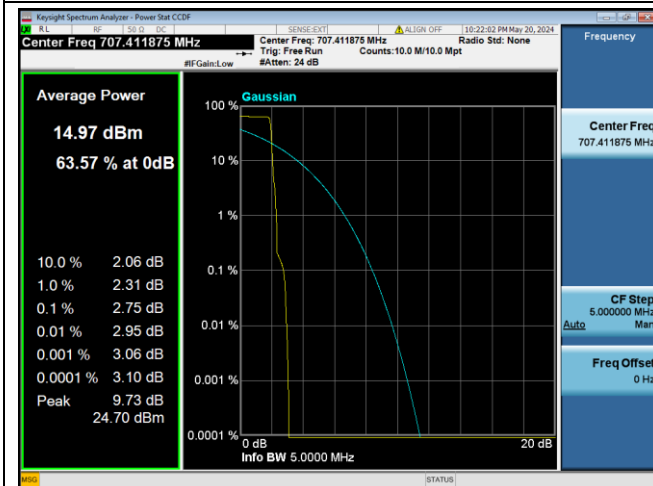
QPSK Low channel-1@0



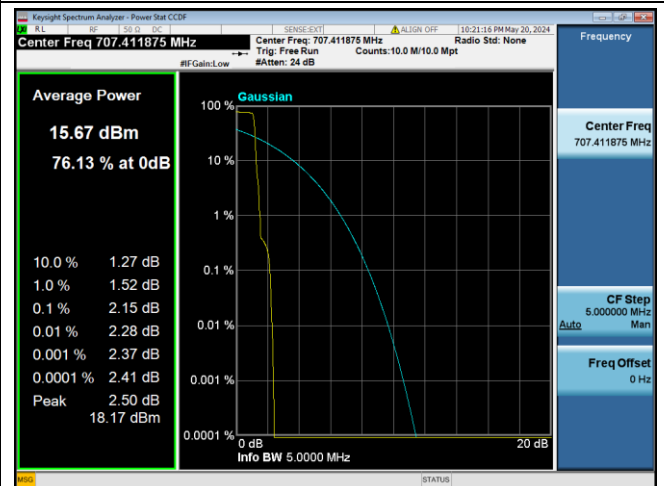
BPSK Low channel-1@0



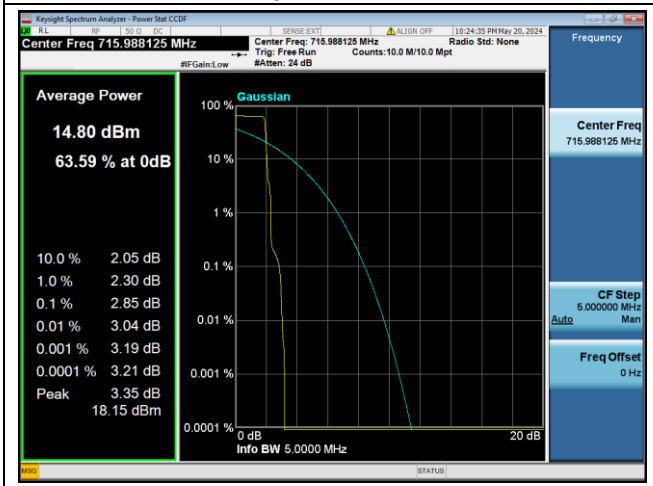
QPSK Middle channel-1@0



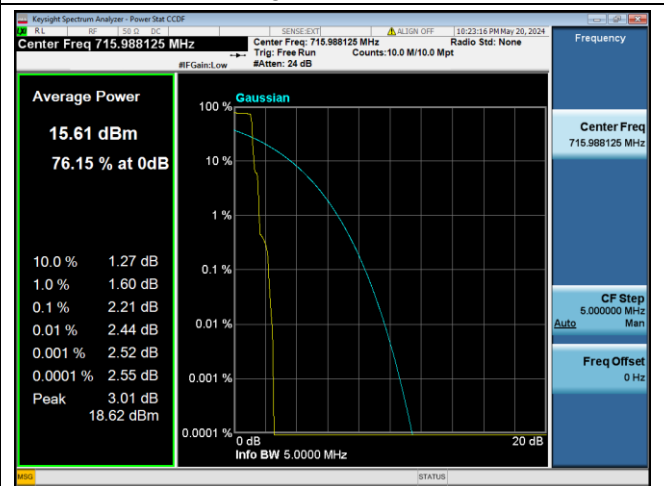
BPSK Middle channel-1@0



QPSK High channel-1@max

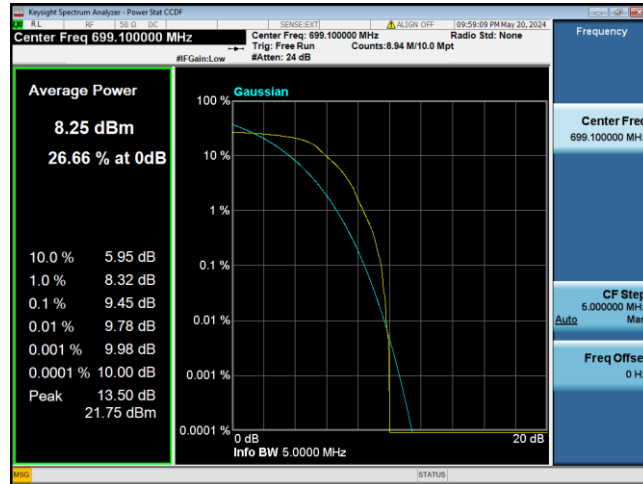


BPSK High channel-1@max

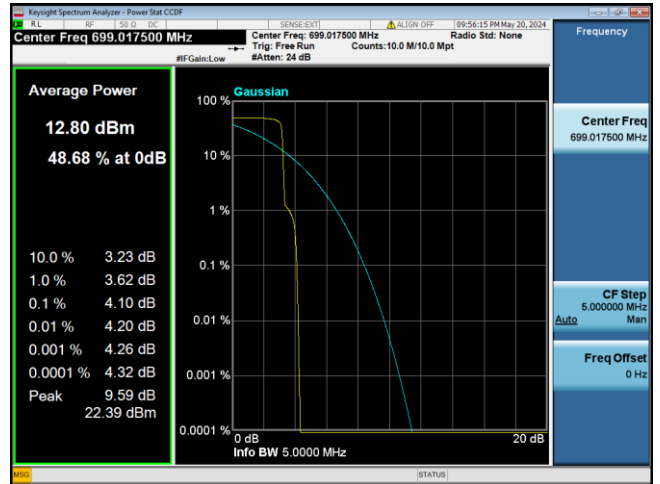


LTE FDD Band 12, SCS:15KHz

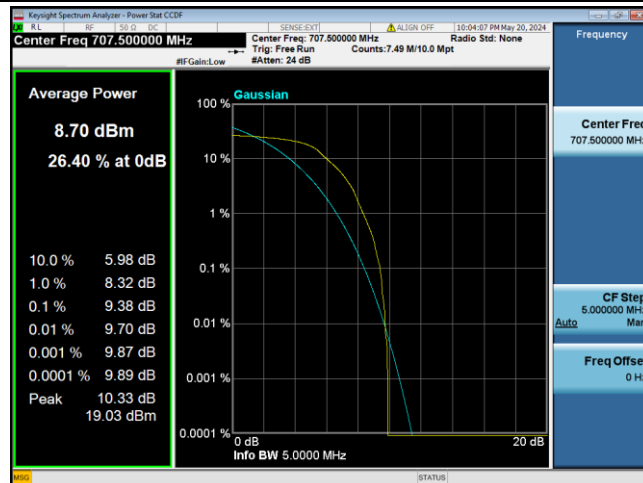
QPSK Low channel-12@0



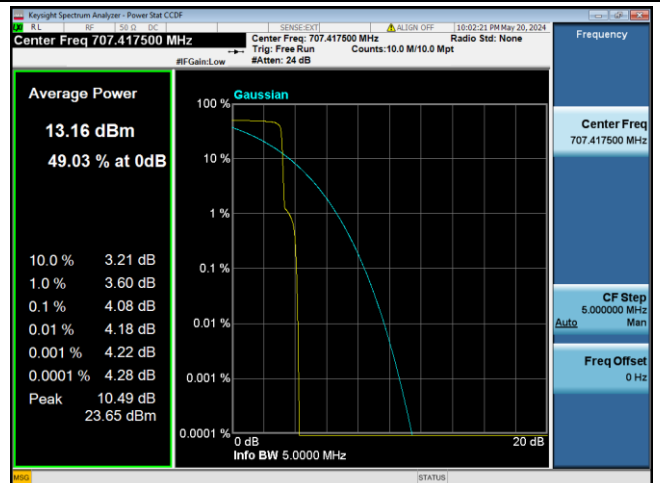
BPSK Low channel-1@0



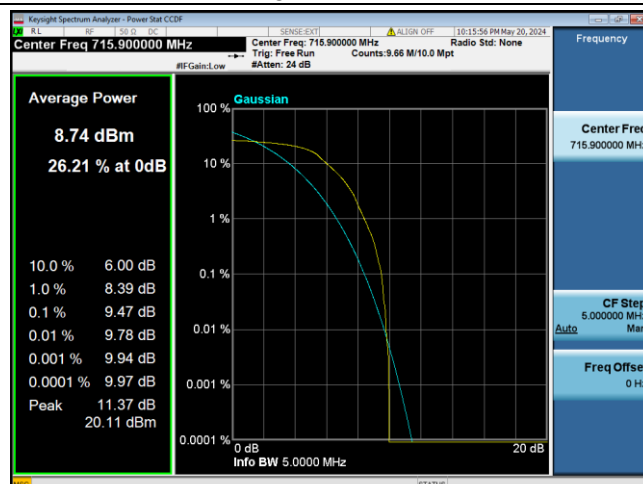
QPSK Middle channel-12@0



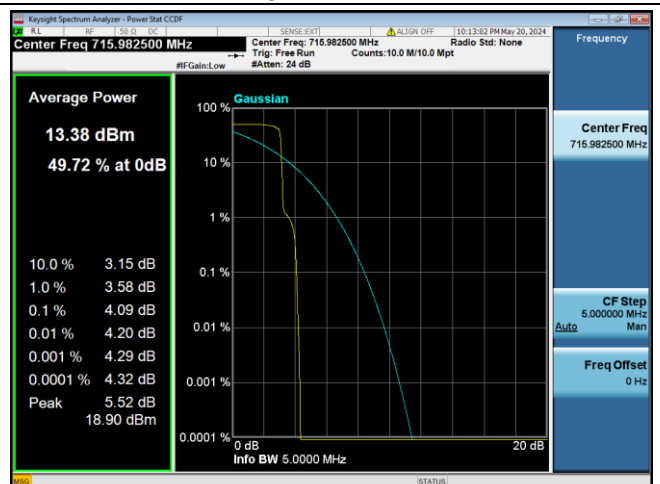
BPSK Middle channel-1@0



QPSK High channel-12@0

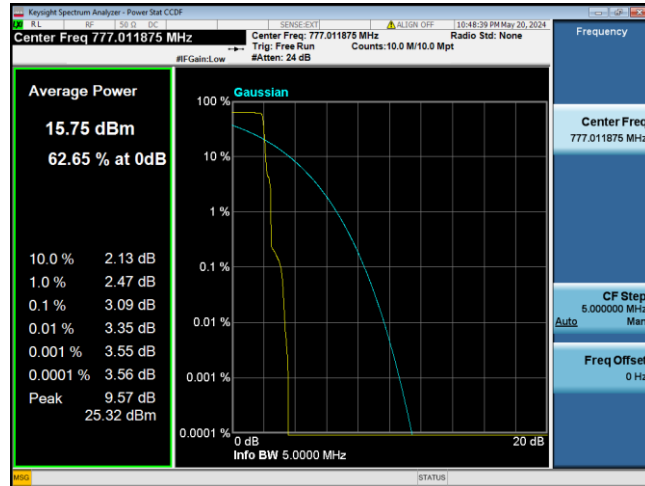


BPSK High channel-1@max

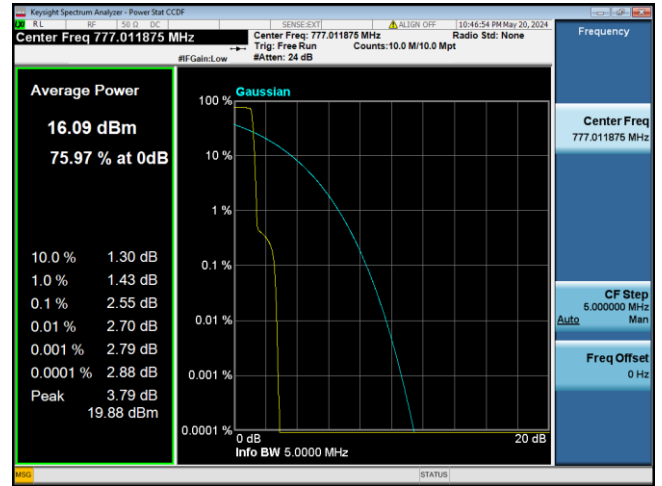


LTE FDD Band 13, SCS:3.75KHz

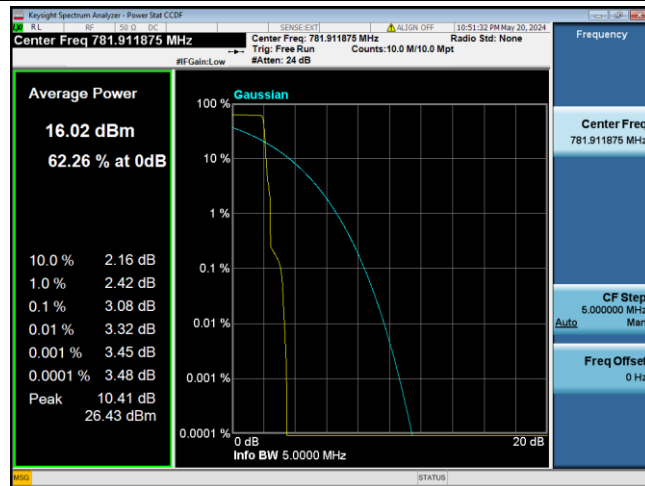
QPSK Low channel-1@0



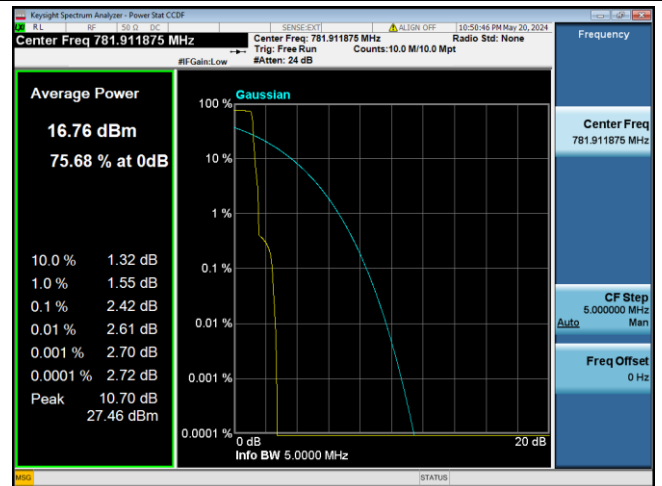
BPSK Low channel-1@0



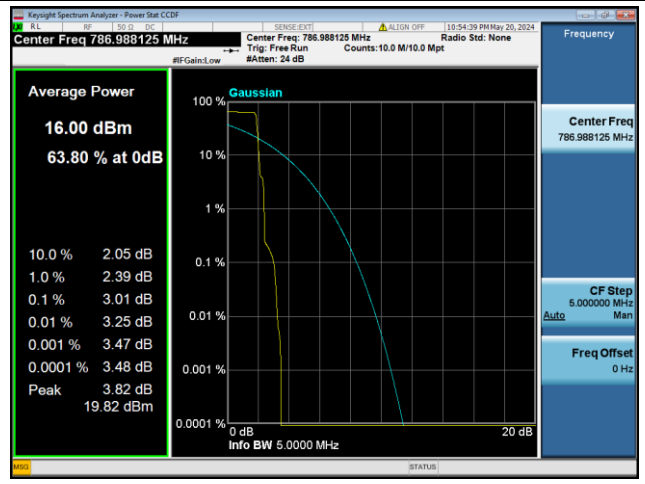
QPSK Middle channel-1@0



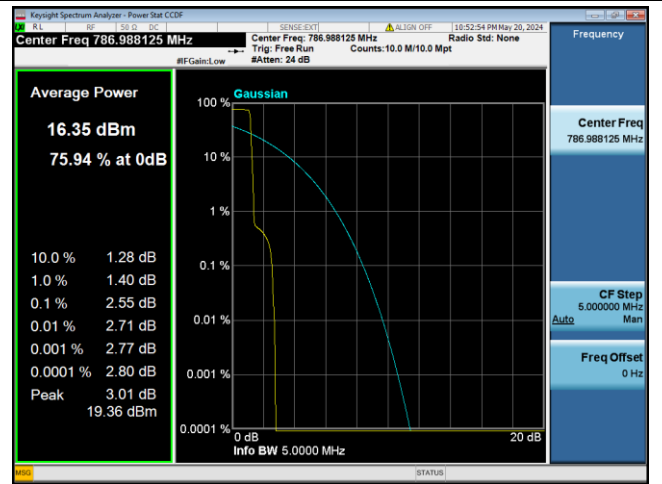
BPSK Middle channel-1@0



QPSK High channel-1@max

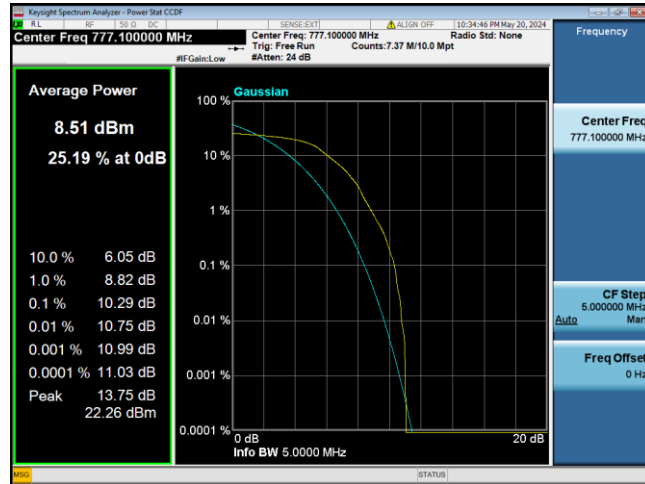


BPSK High channel-1@max

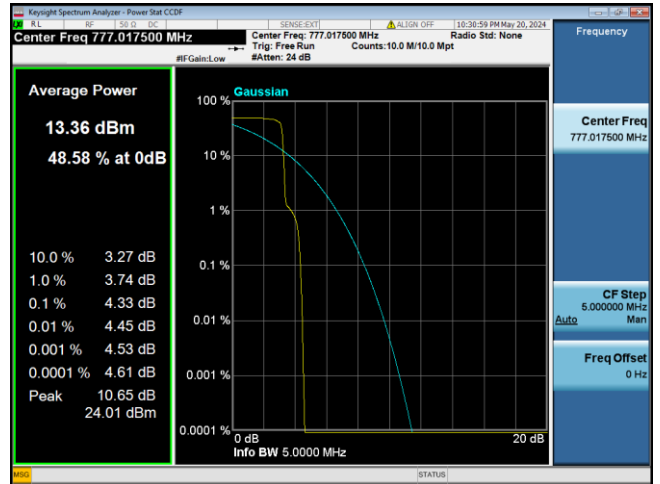


LTE FDD Band 13, SCS:15KHz

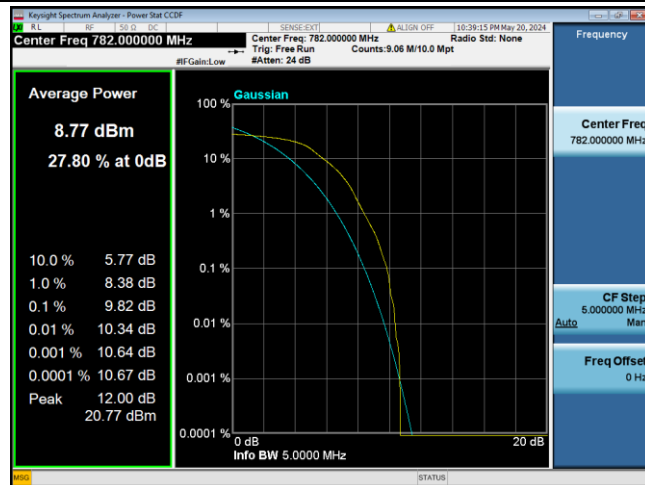
QPSK Low channel-12@0



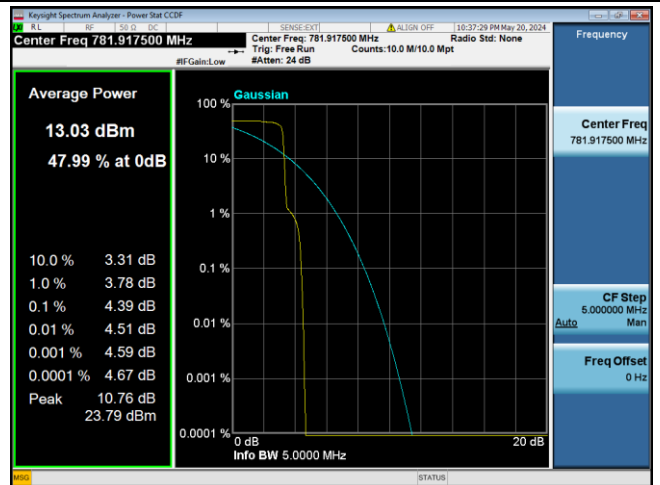
BPSK Low channel-1@0



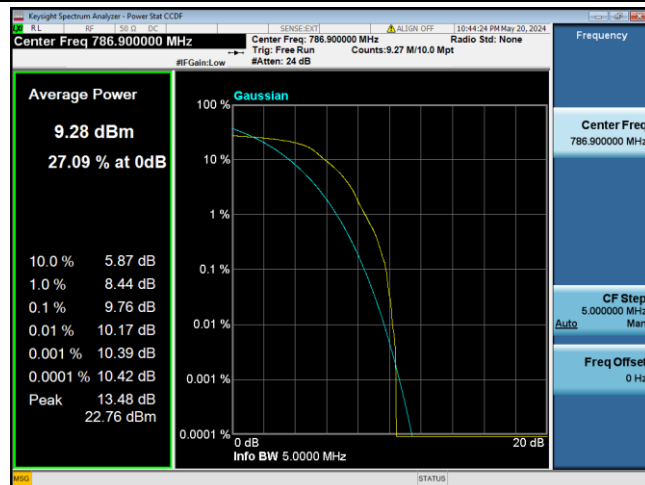
QPSK Middle channel-12@0



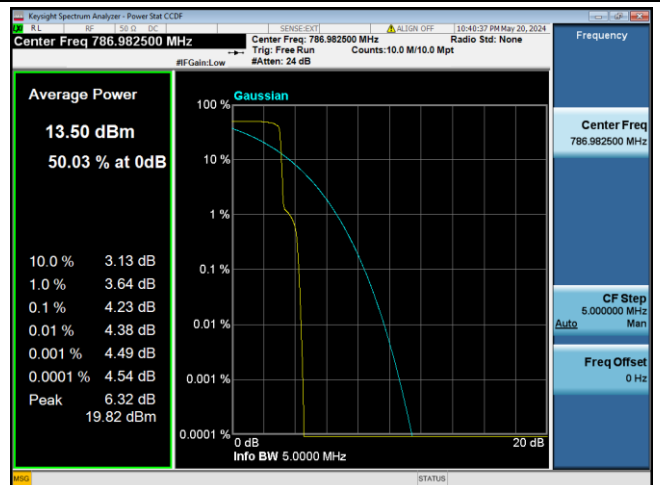
BPSK Middle channel-1@0



QPSK High channel-12@0

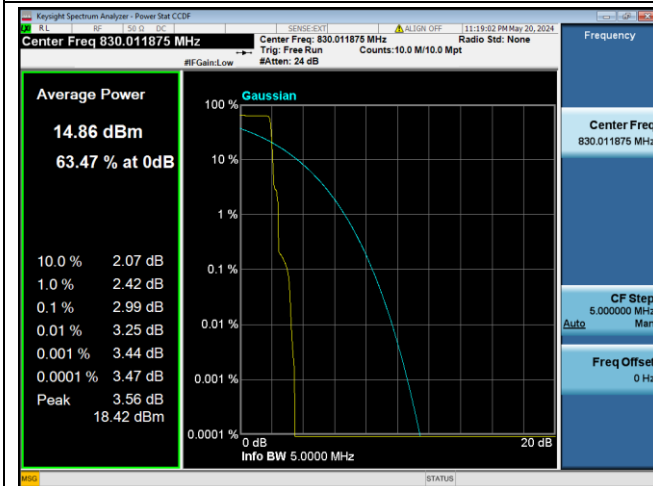


BPSK High channel-1@max

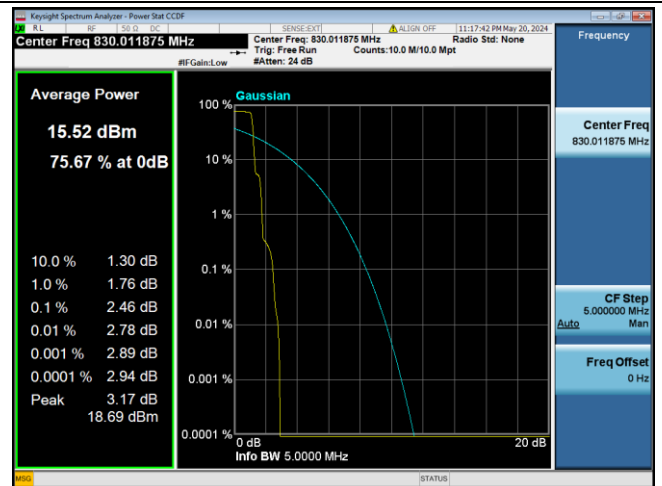


LTE FDD Band 19, SCS:3.75KHz

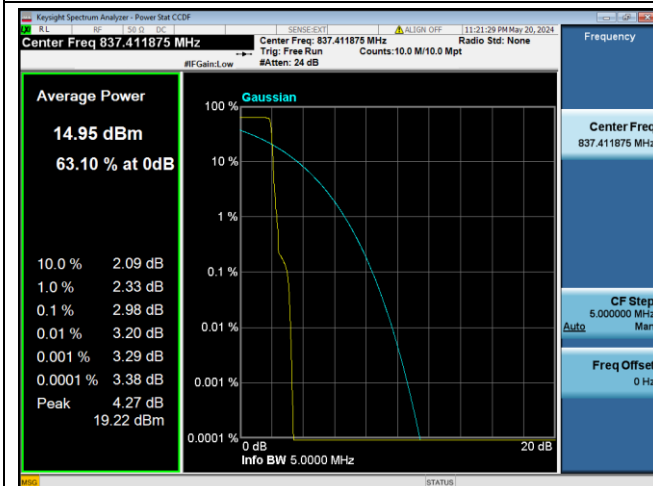
QPSK Low channel-1@0



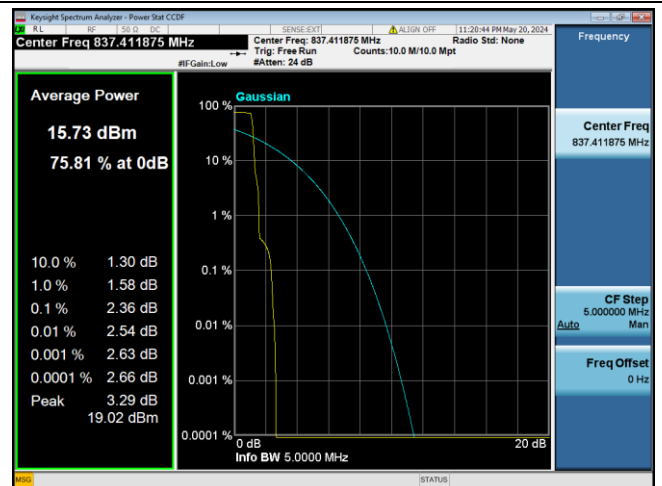
BPSK Low channel-1@0



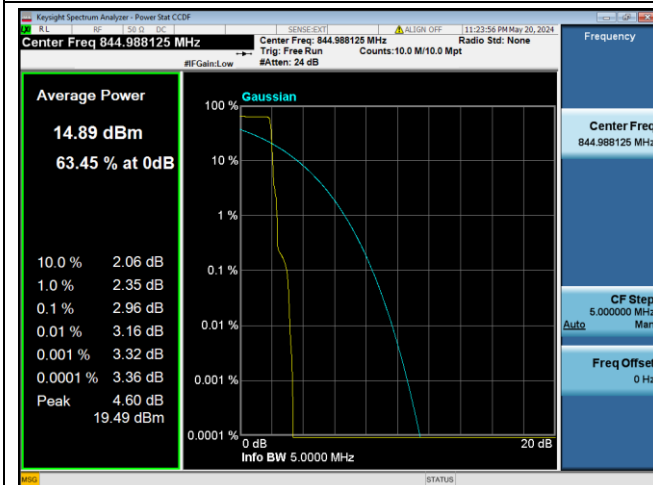
QPSK Middle channel-1@0



BPSK Middle channel-1@0



QPSK High channel-1@max

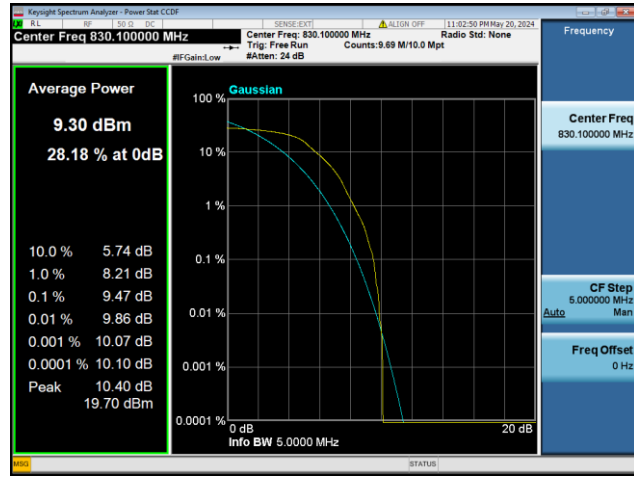


BPSK High channel-1@max

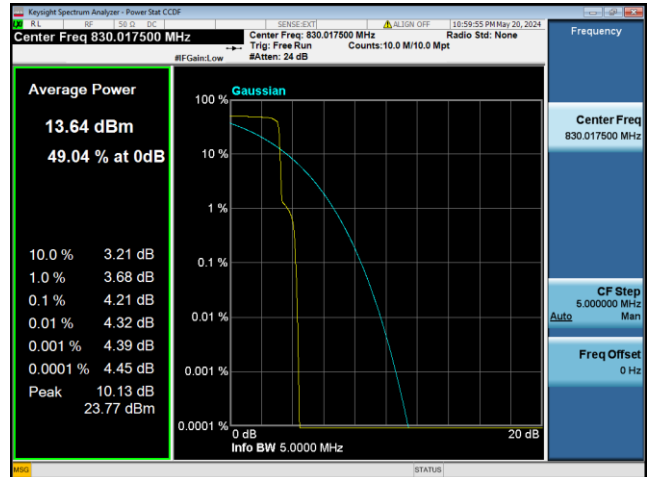


LTE FDD Band 19, SCS:15KHz

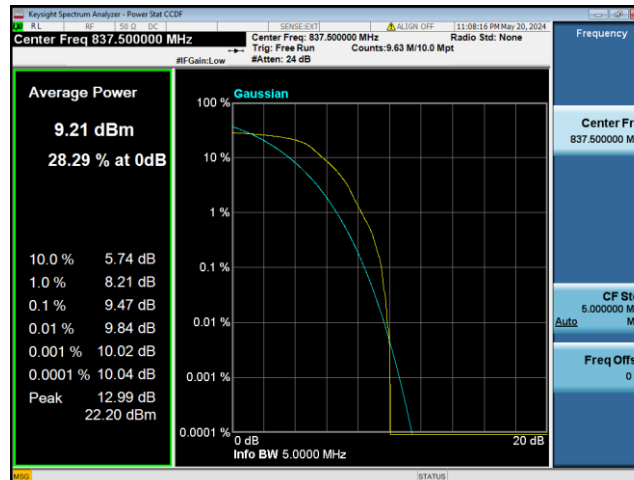
QPSK Low channel-12@0



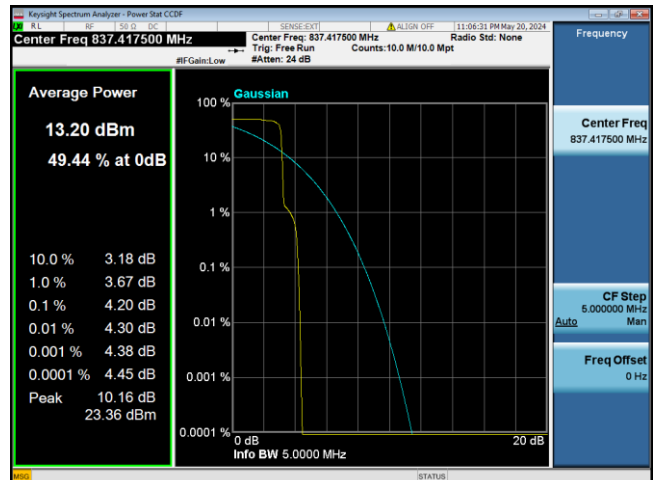
BPSK Low channel-1@0



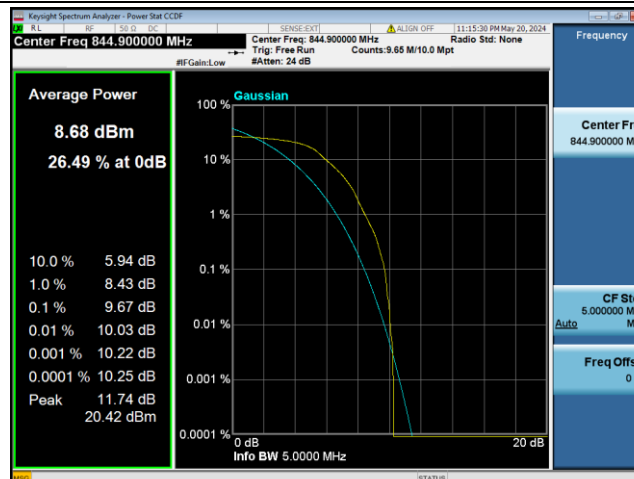
QPSK Middle channel-12@0



BPSK Middle channel-1@0



QPSK High channel-12@0



BPSK High channel-1@max

