

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	3.46	13	Pass
	MCH	1	0	3.46	13	Pass
	HCH	1	47	3.53	13	Pass
BPSK	LCH	1	0	2.22	13	Pass
	MCH	1	0	2.85	13	Pass
	HCH	1	47	2.89	13	Pass

LTE FDD Band 2, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.35	13	Pass
	MCH	12	0	11.22	13	Pass
	HCH	12	0	10.63	13	Pass
BPSK	LCH	1	0	4.84	13	Pass
	MCH	1	0	4.86	13	Pass
	HCH	1	11	4.67	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	3.39	13	Pass
	MCH	1	0	3.43	13	Pass
	HCH	1	47	3.43	13	Pass
BPSK	LCH	1	0	2.84	13	Pass
	MCH	1	0	2.83	13	Pass
	HCH	1	47	2.87	13	Pass

LTE FDD Band 4, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.45	13	Pass
	MCH	12	0	10.44	13	Pass
	HCH	12	0	10.47	13	Pass
BPSK	LCH	1	0	4.76	13	Pass
	MCH	1	0	4.74	13	Pass
	HCH	1	11	4.97	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	3.34	13	Pass
	MCH	1	0	3.37	13	Pass
	HCH	1	47	3.34	13	Pass
BPSK	LCH	1	0	2.71	13	Pass
	MCH	1	0	2.74	13	Pass
	HCH	1	47	2.78	13	Pass

LTE FDD Band 5, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.00	13	Pass
	MCH	12	0	10.09	13	Pass
	HCH	12	0	10.18	13	Pass
BPSK	LCH	1	0	4.57	13	Pass
	MCH	1	0	4.61	13	Pass
	HCH	1	11	4.54	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	3.29	13	Pass
	MCH	1	0	3.29	13	Pass
	HCH	1	47	3.33	13	Pass
BPSK	LCH	1	0	2.69	13	Pass
	MCH	1	0	2.65	13	Pass
	HCH	1	47	2.67	13	Pass

LTE FDD Band 12, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	9.96	13	Pass
	MCH	12	0	10.05	13	Pass
	HCH	12	0	9.93	13	Pass
BPSK	LCH	1	0	4.53	13	Pass
	MCH	1	0	4.60	13	Pass
	HCH	1	11	4.57	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	3.29	13	Pass
	MCH	1	0	3.30	13	Pass
	HCH	1	47	3.32	13	Pass
BPSK	LCH	1	0	2.66	13	Pass
	MCH	1	0	2.63	13	Pass
	HCH	1	47	2.70	13	Pass

LTE FDD Band 13, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.04	13	Pass
	MCH	12	0	10.29	13	Pass
	HCH	12	0	10.00	13	Pass
BPSK	LCH	1	0	4.52	13	Pass
	MCH	1	0	4.45	13	Pass
	HCH	1	11	4.62	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	3.36	13	Pass
	MCH	1	0	3.26	13	Pass
	HCH	1	47	3.41	13	Pass
BPSK	LCH	1	0	2.70	13	Pass
	MCH	1	0	2.70	13	Pass
	HCH	1	47	2.79	13	Pass

LTE FDD Band 19, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.11	13	Pass
	MCH	12	0	10.17	13	Pass
	HCH	12	0	10.10	13	Pass
BPSK	LCH	1	0	4.55	13	Pass
	MCH	1	0	4.59	13	Pass
	HCH	1	11	4.64	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	3.45	13	Pass
	MCH	1	0	3.40	13	Pass
	HCH	1	47	3.48	13	Pass
BPSK	LCH	1	0	2.77	13	Pass
	MCH	1	0	2.82	13	Pass
	HCH	1	47	2.89	13	Pass

LTE FDD Band 25, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.15	13	Pass
	MCH	12	0	10.40	13	Pass
	HCH	12	0	10.33	13	Pass
BPSK	LCH	1	0	4.74	13	Pass
	MCH	1	0	4.79	13	Pass
	HCH	1	11	5.03	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	3.33	13	Pass
	MCH	1	0	3.33	13	Pass
	HCH	1	47	3.32	13	Pass
BPSK	LCH	1	0	2.71	13	Pass
	MCH	1	0	2.68	13	Pass
	HCH	1	47	2.71	13	Pass

LTE FDD Band 26a, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.20	13	Pass
	MCH	12	0	10.32	13	Pass
	HCH	12	0	10.09	13	Pass
BPSK	LCH	1	0	4.46	13	Pass
	MCH	1	0	4.58	13	Pass
	HCH	1	11	4.61	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	3.29	13	Pass
	MCH	1	0	3.29	13	Pass
	HCH	1	47	3.38	13	Pass
BPSK	LCH	1	0	2.70	13	Pass
	MCH	1	0	2.74	13	Pass
	HCH	1	47	2.78	13	Pass

LTE FDD Band 26b, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.16	13	Pass
	MCH	12	0	10.12	13	Pass
	HCH	12	0	9.99	13	Pass
BPSK	LCH	1	0	4.48	13	Pass
	MCH	1	0	4.49	13	Pass
	HCH	1	11	4.56	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	3.45	13	Pass
	MCH	1	0	3.44	13	Pass
	HCH	1	47	3.48	13	Pass
BPSK	LCH	1	0	2.80	13	Pass
	MCH	1	0	2.88	13	Pass
	HCH	1	47	2.94	13	Pass

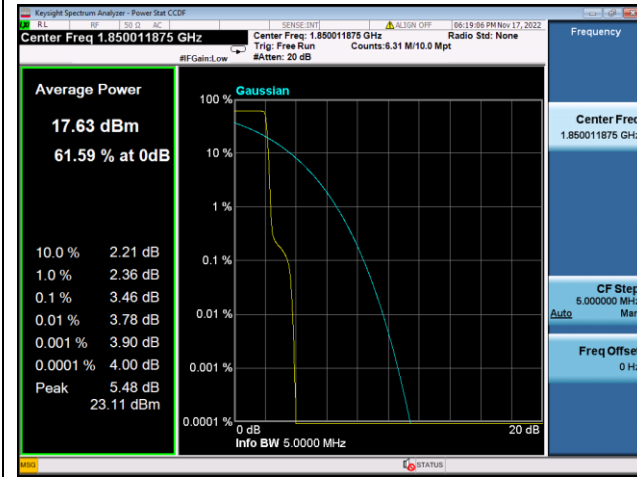
LTE FDD Band 66, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.37	13	Pass
	MCH	12	0	10.80	13	Pass
	HCH	12	0	10.41	13	Pass
BPSK	LCH	1	0	4.73	13	Pass
	MCH	1	0	4.84	13	Pass
	HCH	1	11	4.88	13	Pass

LTE FDD Band 85, SCS:3.75KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	1	0	3.32	13	Pass
	MCH	1	0	3.29	13	Pass
	HCH	1	47	3.29	13	Pass
BPSK	LCH	1	0	2.70	13	Pass
	MCH	1	0	2.64	13	Pass
	HCH	1	47	2.66	13	Pass

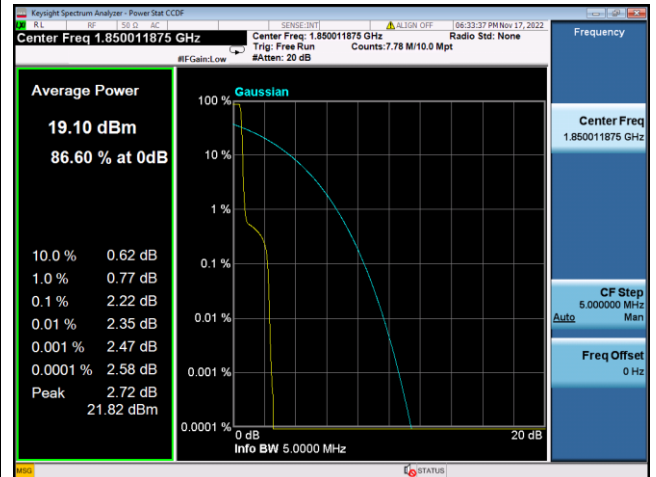
LTE FDD Band 85, SCS:15KHz						
Modulation	Channel	N _{tone}		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	12	0	10.37	13	Pass
	MCH	12	0	10.01	13	Pass
	HCH	12	0	10.05	13	Pass
BPSK	LCH	1	0	4.71	13	Pass
	MCH	1	0	4.57	13	Pass
	HCH	1	11	4.59	13	Pass

LTE FDD Band 2, SCS:3.75KHz

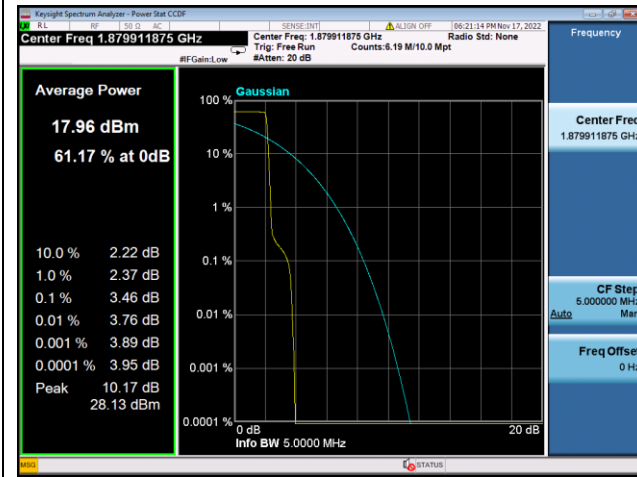
QPSK Low channel-1@0



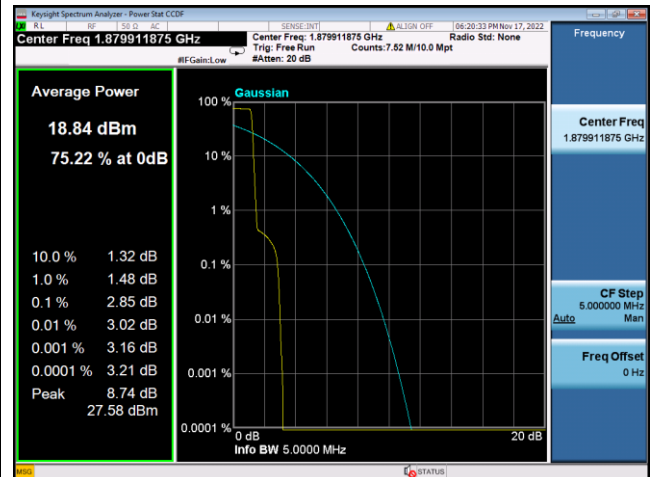
BPSK Low channel-1@0



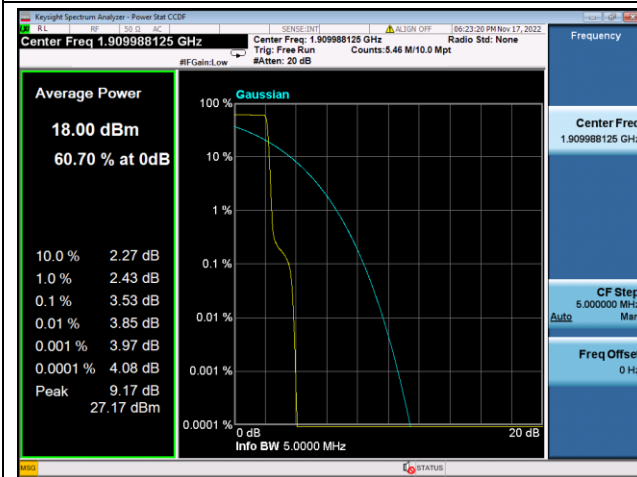
QPSK Middle channel-1@0



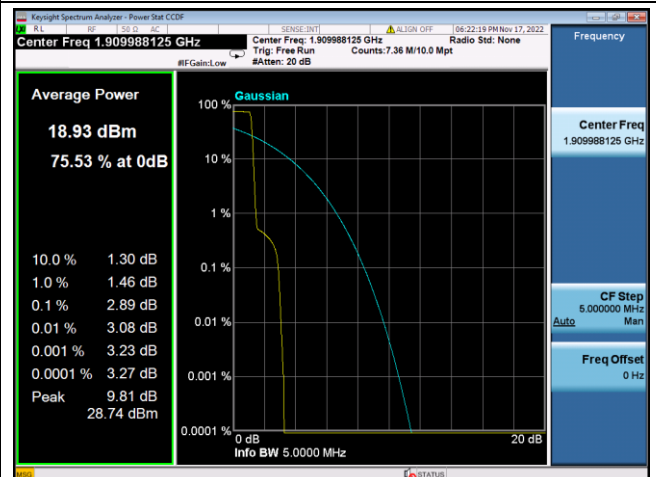
BPSK Middle channel-1@0



QPSK High channel-1@max

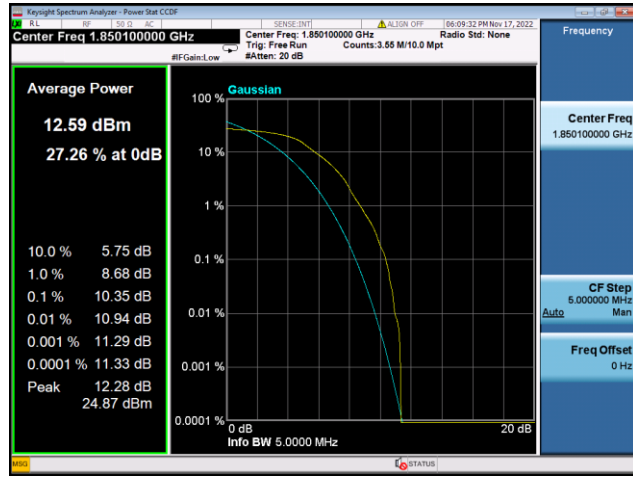


BPSK High channel-1@max

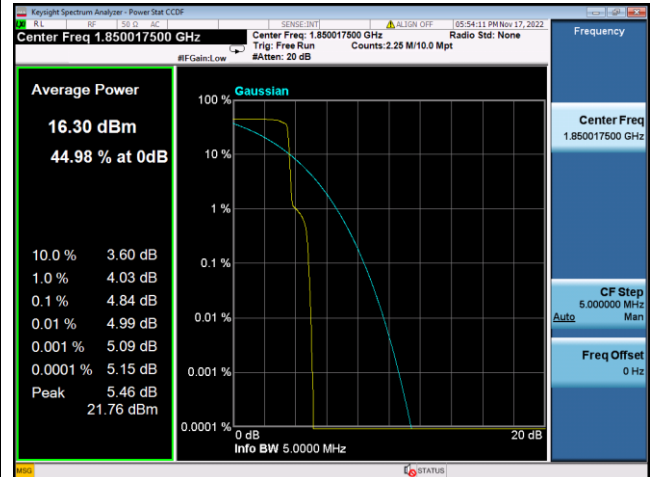


LTE FDD Band 2, SCS:15KHz

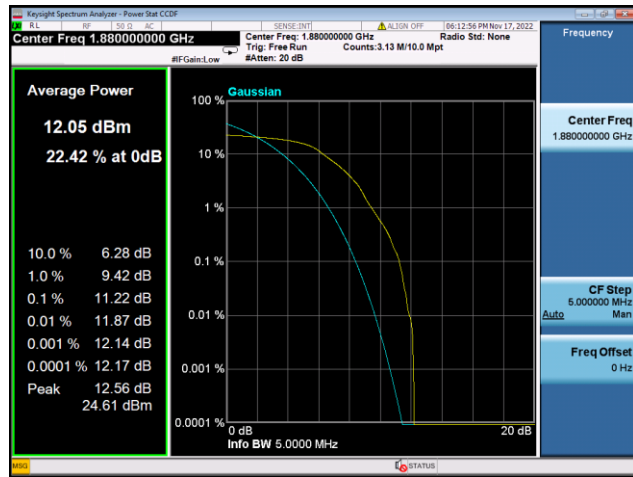
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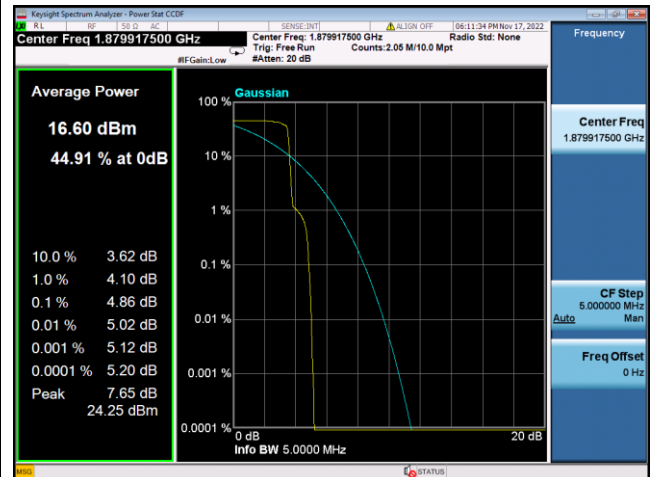
BPSK Low channel-1@0



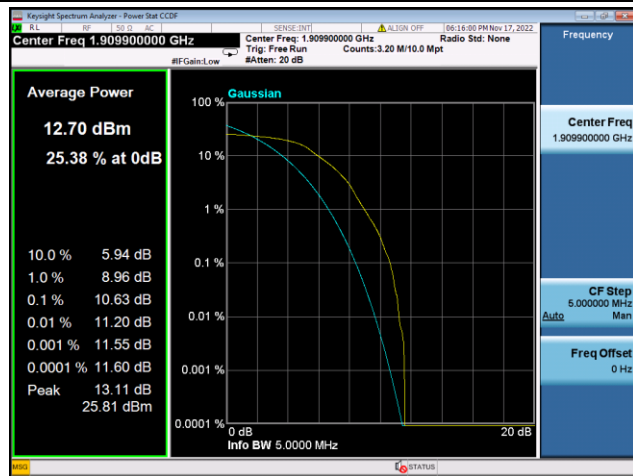
QPSK Middle channel-12@0



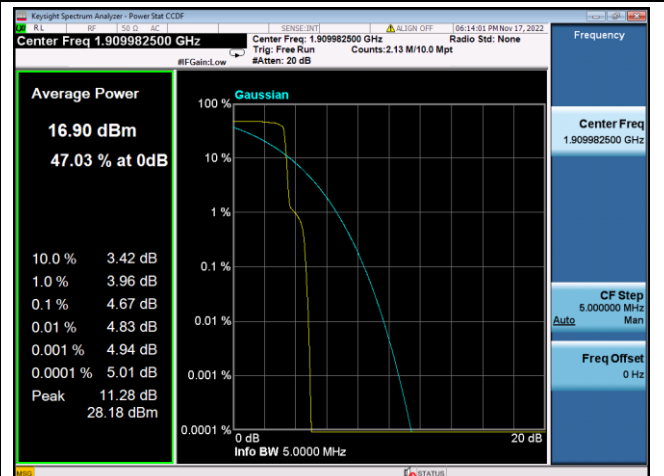
BPSK Middle channel-1@0



QPSK High channel-12@0

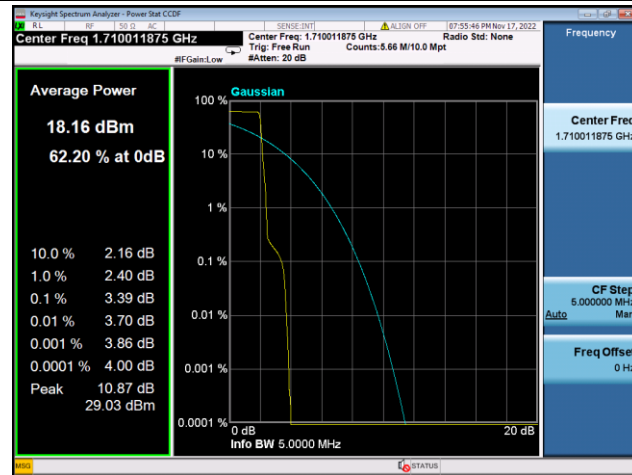


BPSK High channel-1@max

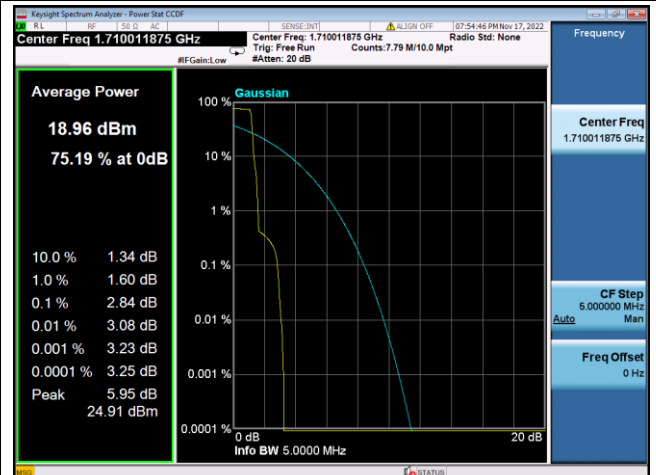


LTE FDD Band 4, SCS:3.75KHz

QPSK Low channel-1@0



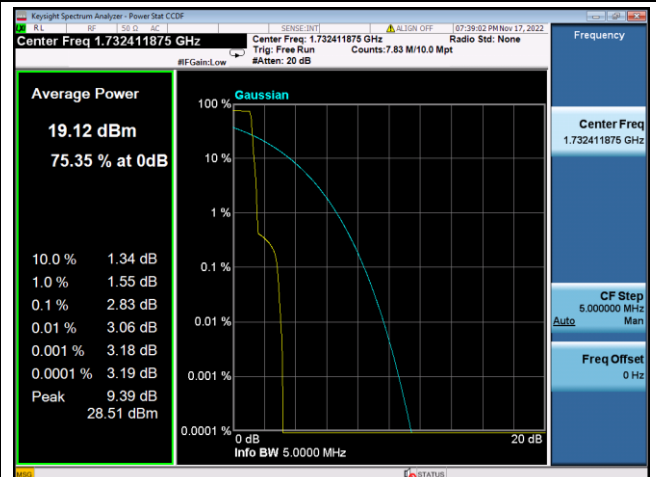
BPSK Low channel-1@0



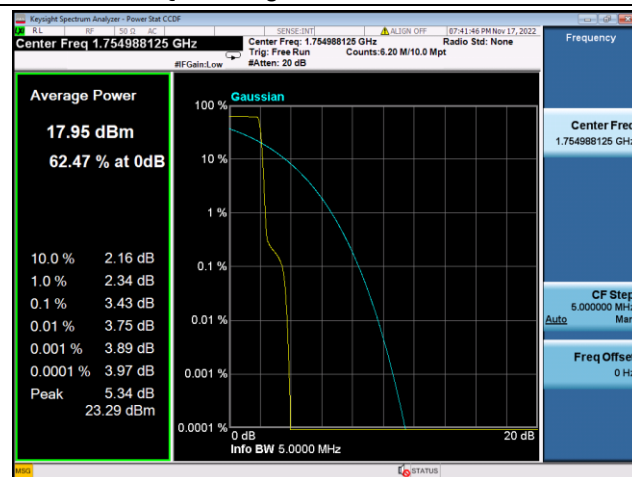
QPSK Middle channel-1@0



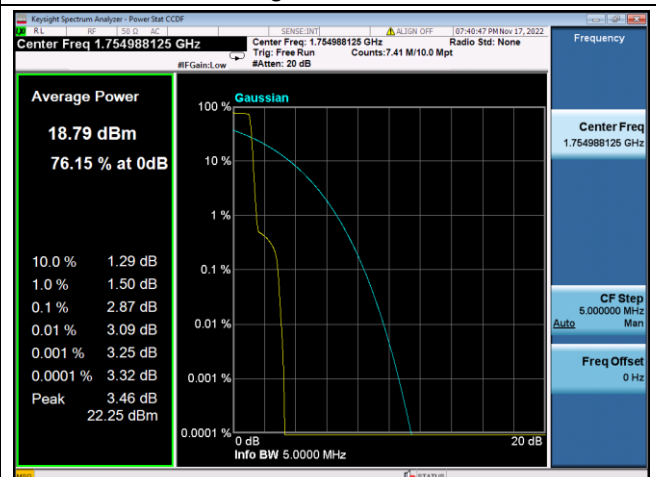
BPSK Middle channel-1@0



QPSK High channel-1@max

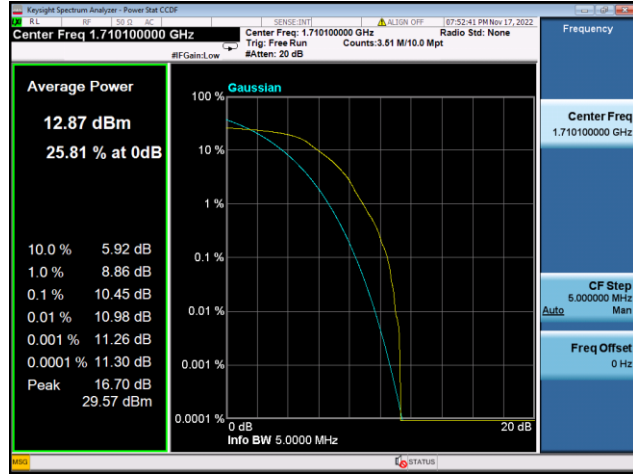


BPSK High channel-1@max

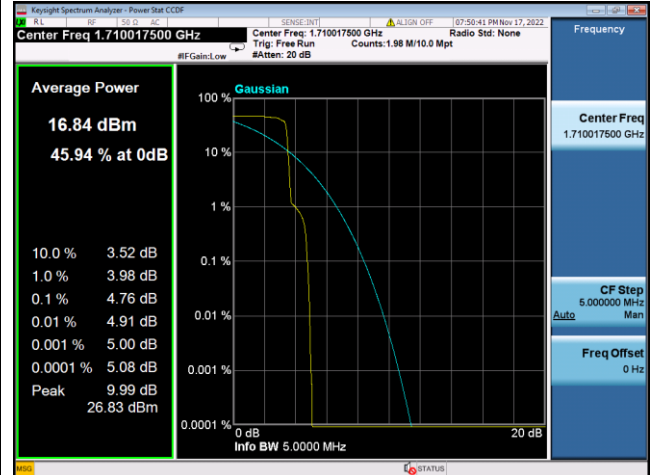


LTE FDD Band 4, SCS:15KHz

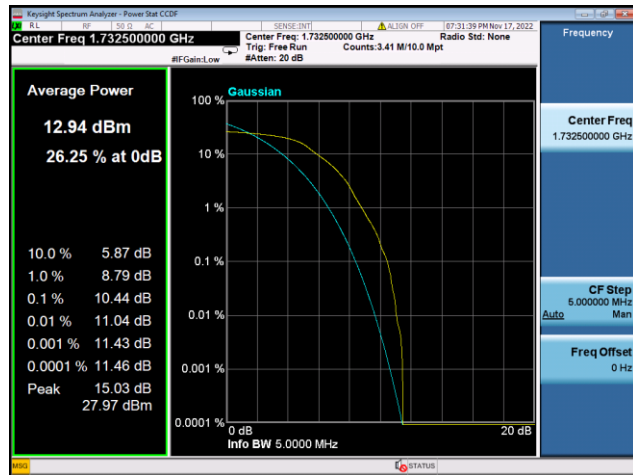
QPSK Low channel-12@0



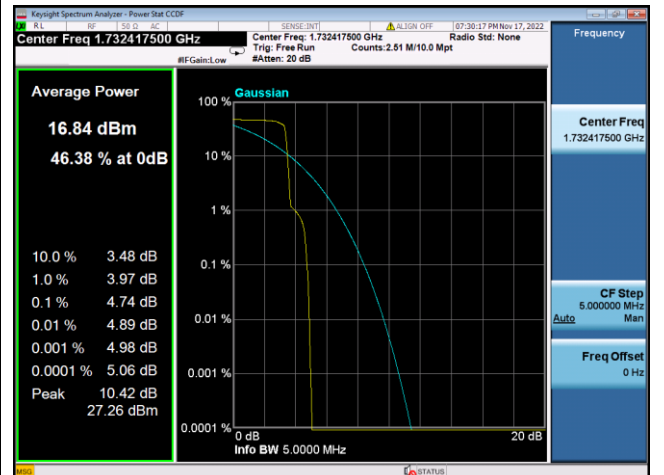
BPSK Low channel-1@0



QPSK Middle channel-12@0



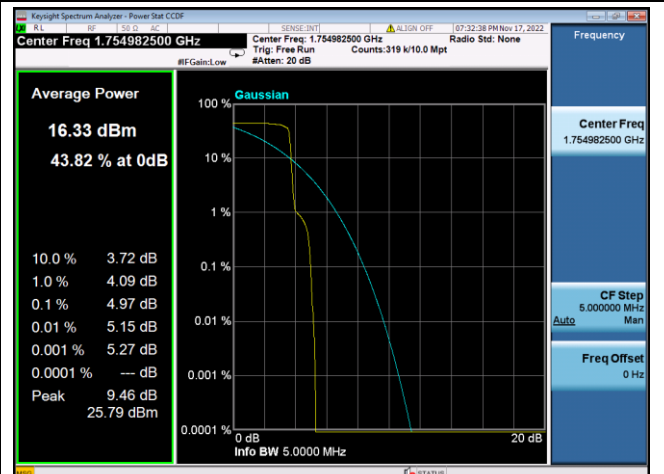
BPSK Middle channel-1@0



QPSK High channel-12@0

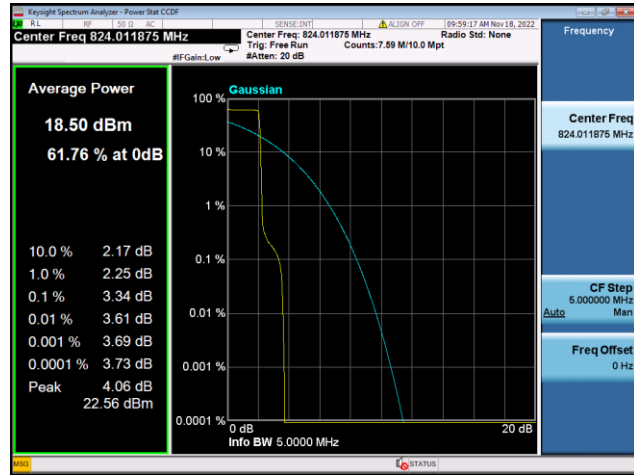


BPSK High channel-1@max

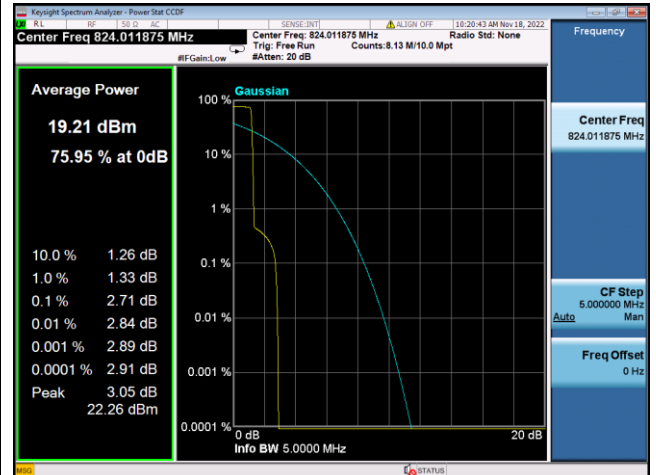


LTE FDD Band 5, SCS:3.75KHz

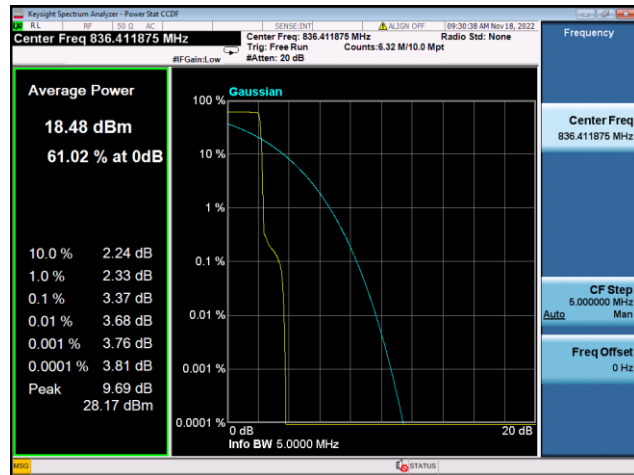
QPSK Low channel-1@0



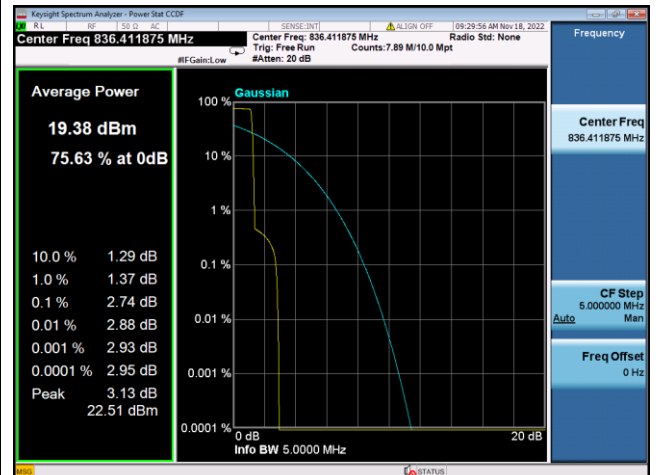
BPSK Low channel-1@0



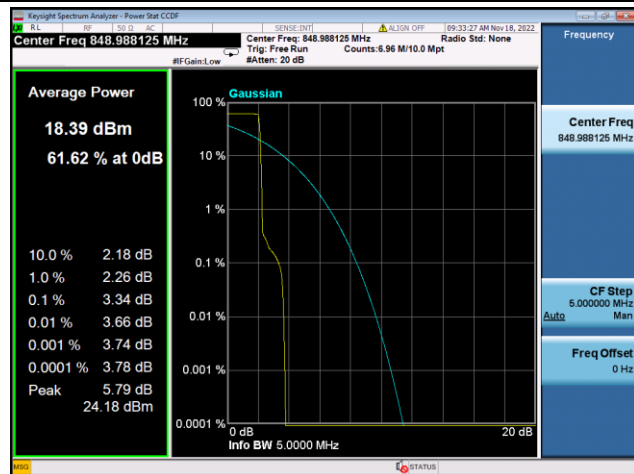
QPSK Middle channel-1@0



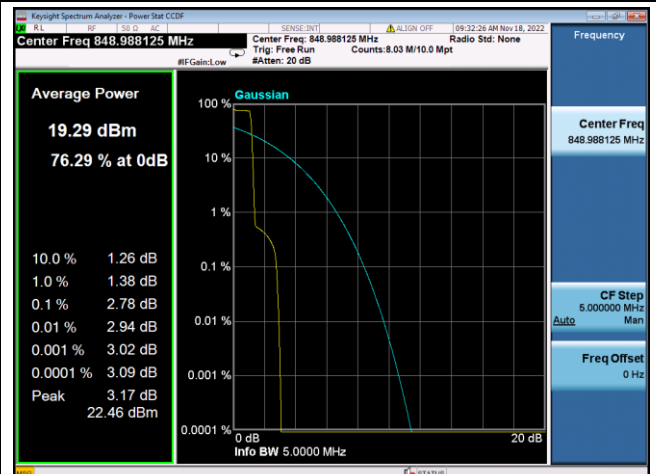
BPSK Middle channel-1@0



QPSK High channel-1@max

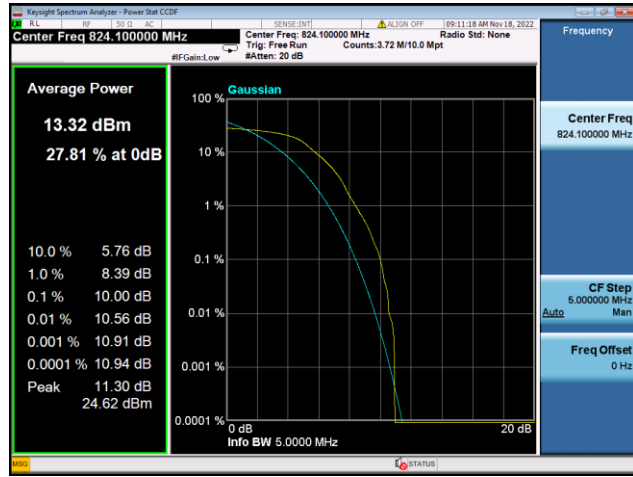


BPSK High channel-1@max

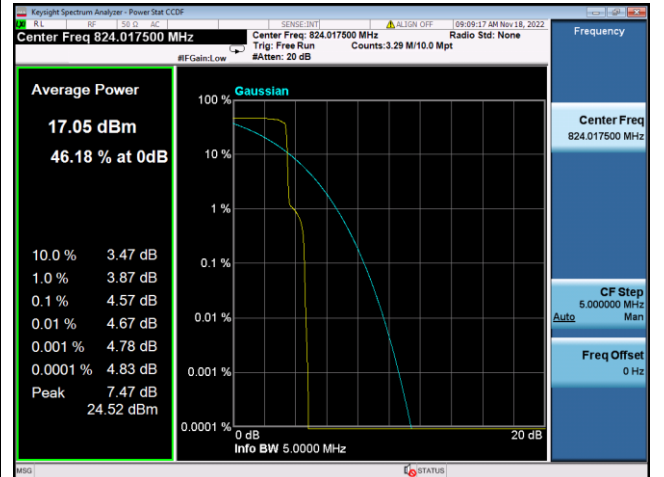


LTE FDD Band 5, SCS:15KHz

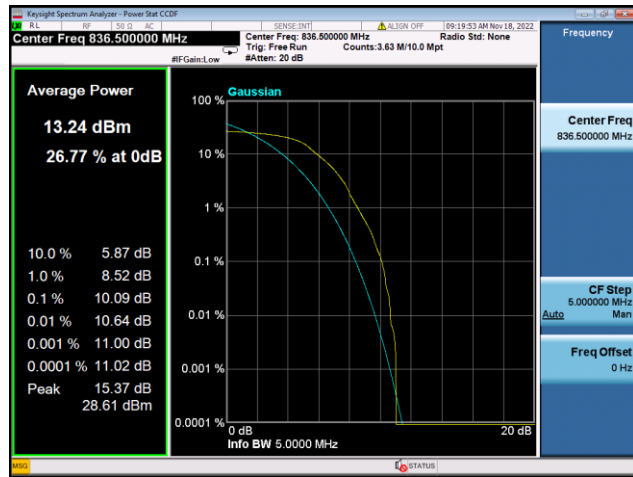
QPSK Low channel-12@0



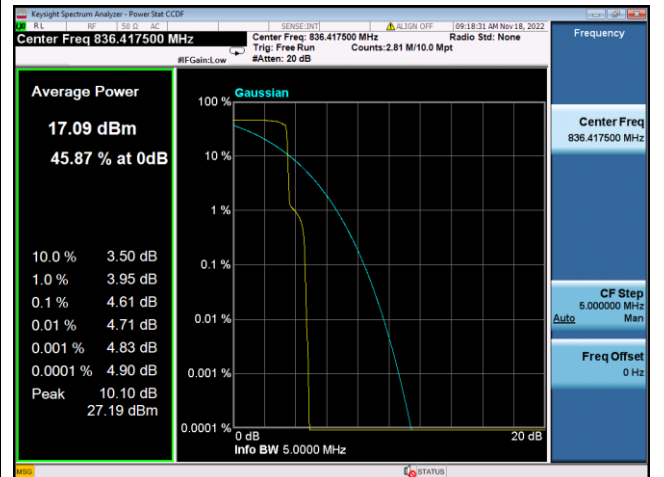
BPSK Low channel-1@0



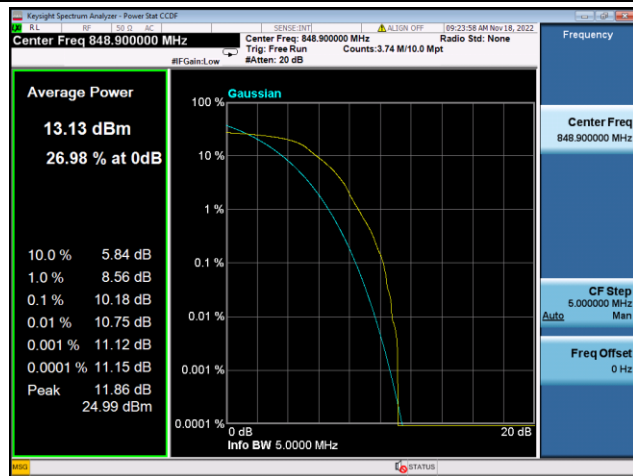
QPSK Middle channel-12@0



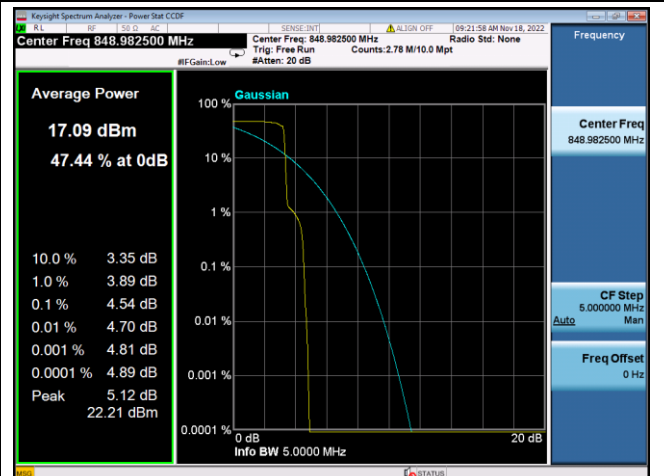
BPSK Middle channel-1@0



QPSK High channel-12@0

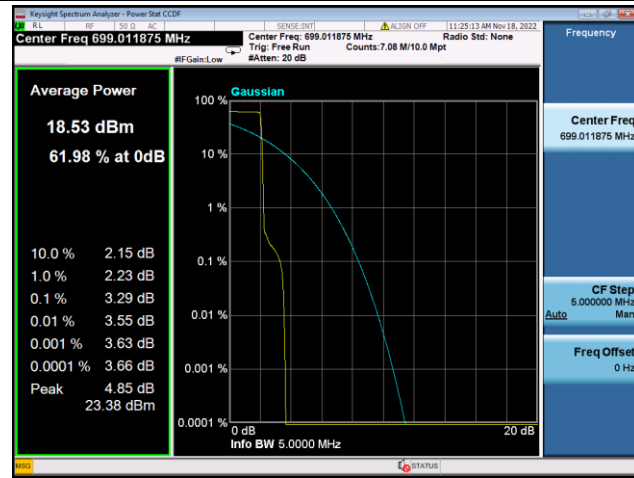


BPSK High channel-1@max

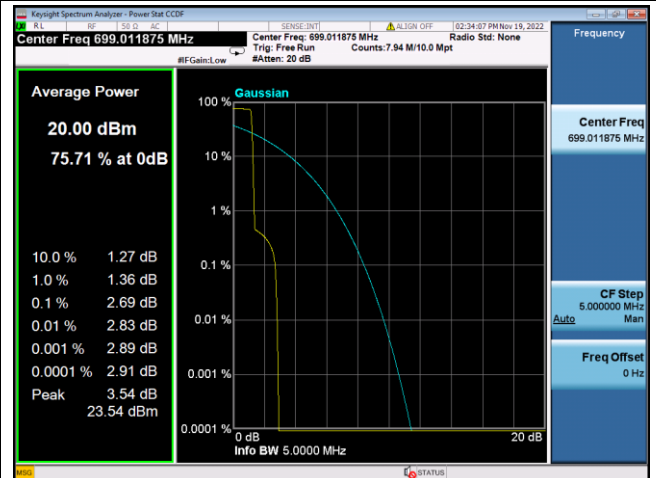


LTE FDD Band 12, SCS:3.75KHz

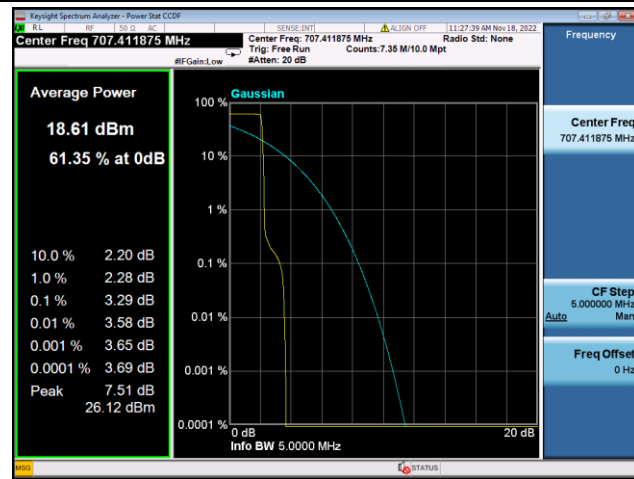
QPSK Low channel-1@0



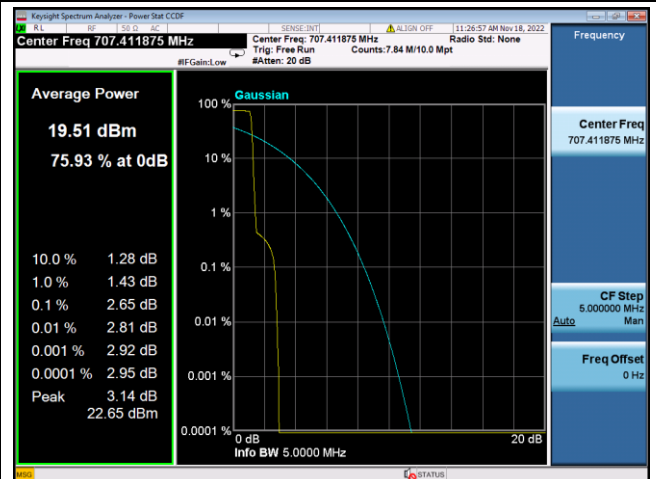
BPSK Low channel-1@0



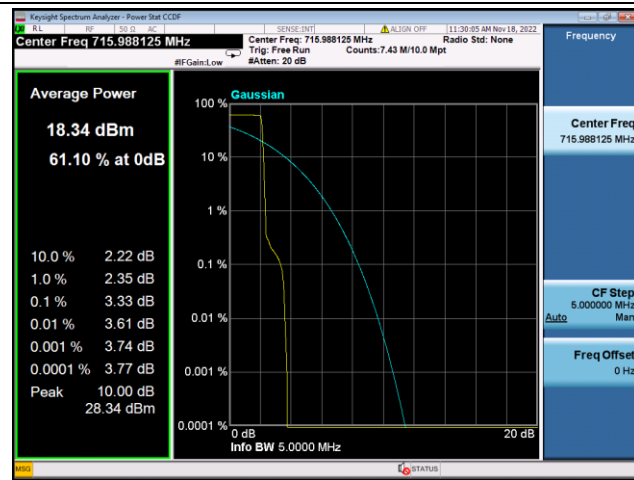
QPSK Middle channel-1@0



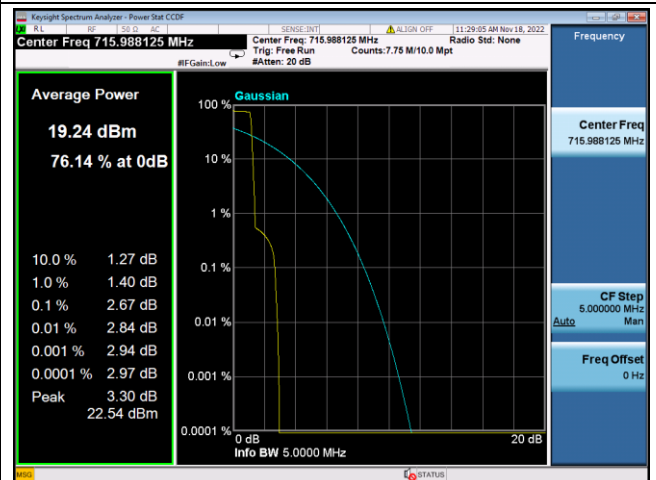
BPSK Middle channel-1@0



QPSK High channel-1@max

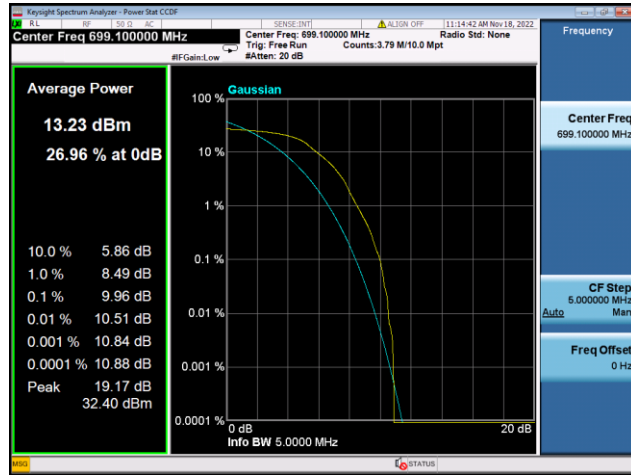


BPSK High channel-1@max

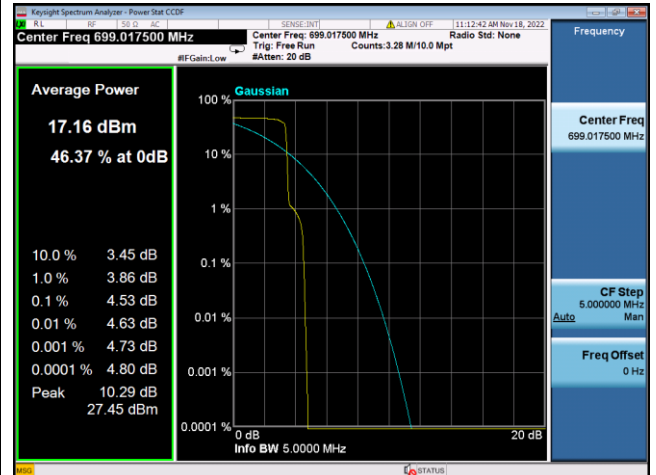


LTE FDD Band 12, SCS:15KHz

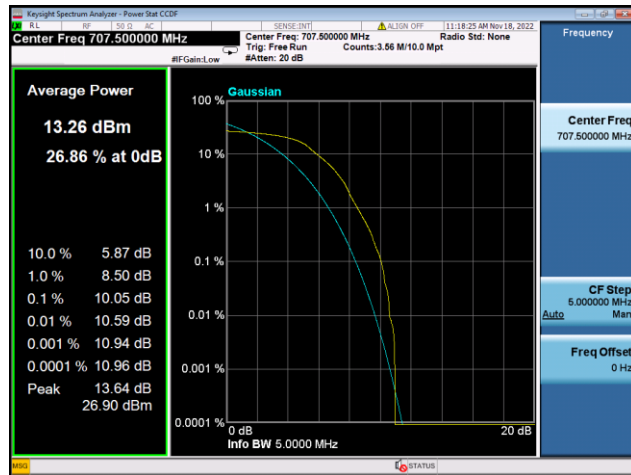
QPSK Low channel-12@0



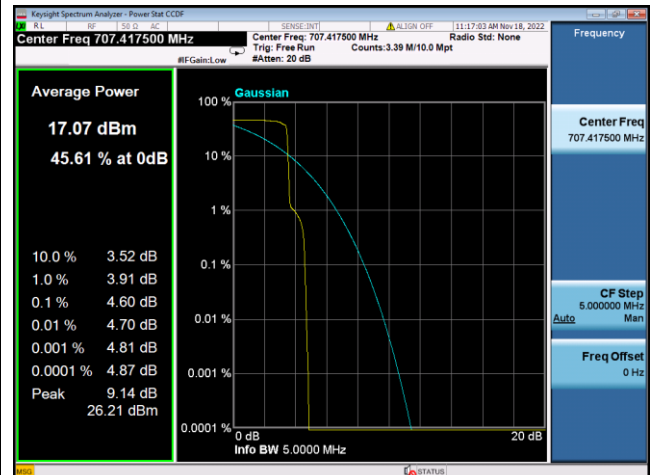
BPSK Low channel-1@0



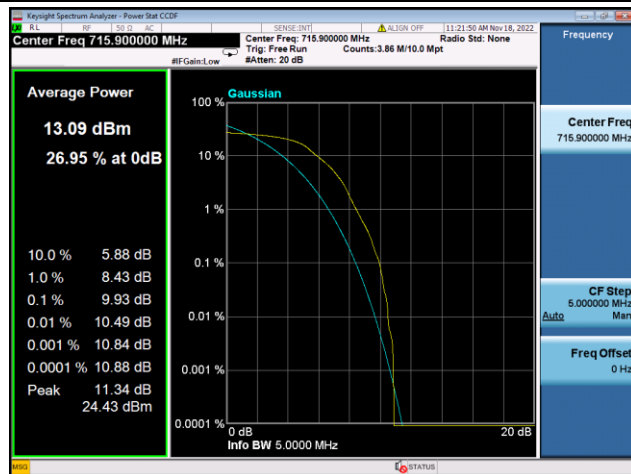
QPSK Middle channel-12@0



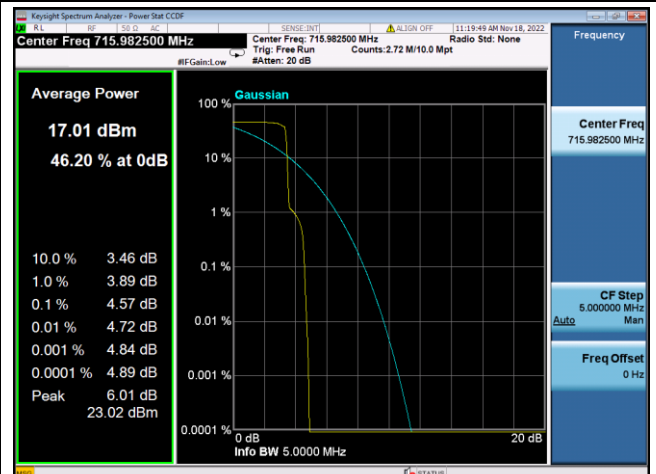
BPSK Middle channel-1@0



QPSK High channel-12@0

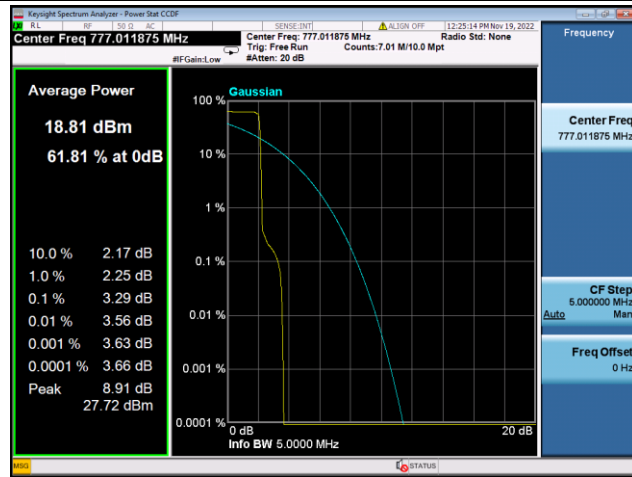


BPSK High channel-1@max

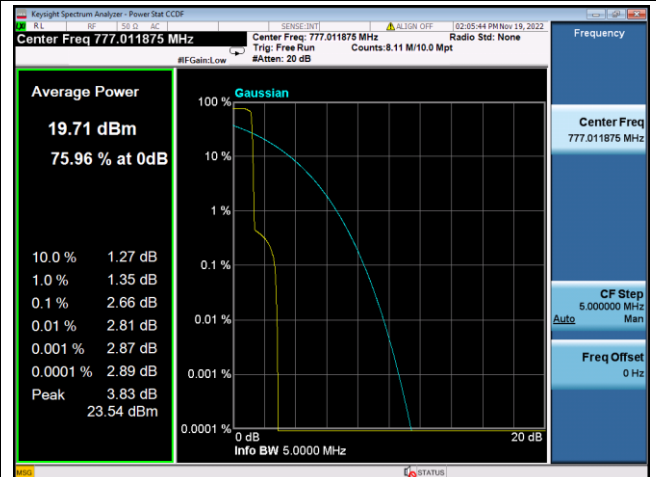


LTE FDD Band 13, SCS:3.75KHz

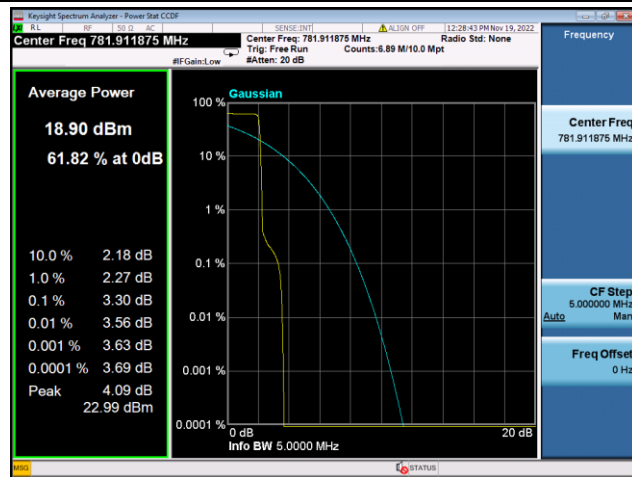
QPSK Low channel-1@0



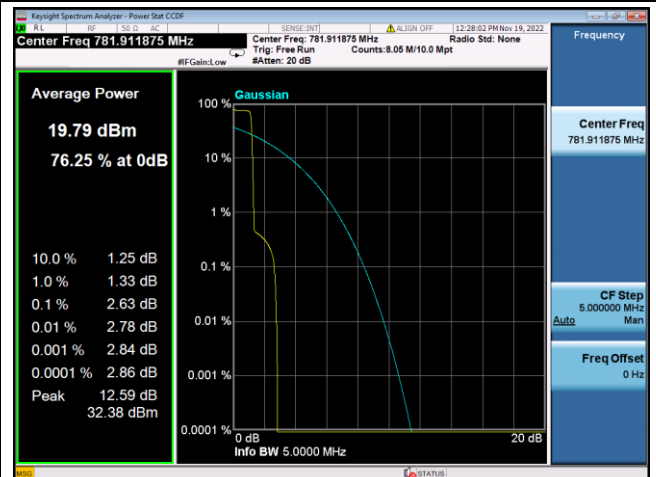
BPSK Low channel-1@0



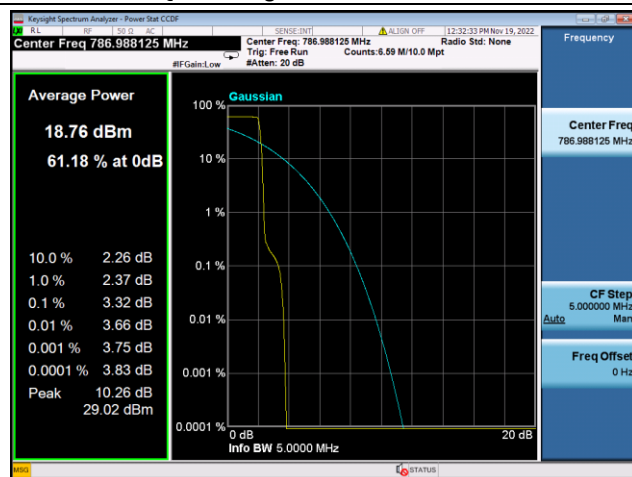
QPSK Middle channel-1@0



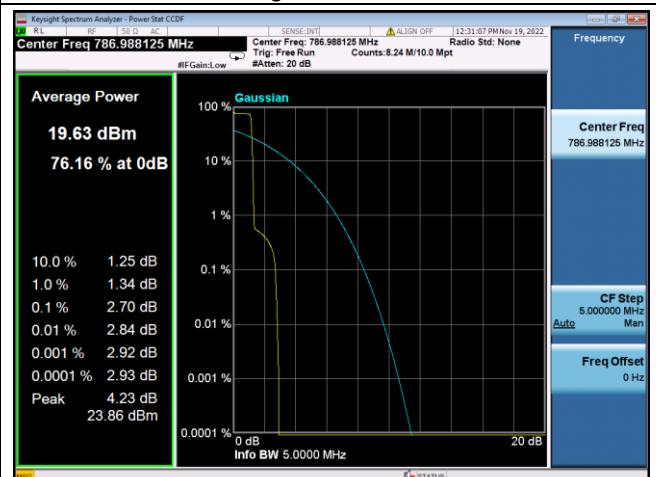
BPSK Middle channel-1@0



QPSK High channel-1@max

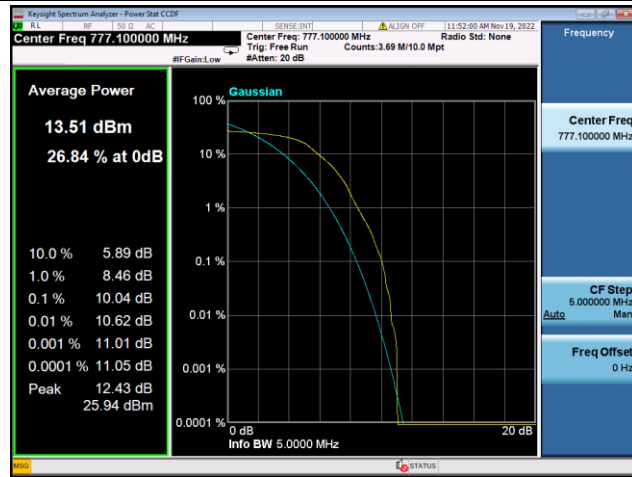


BPSK High channel-1@max

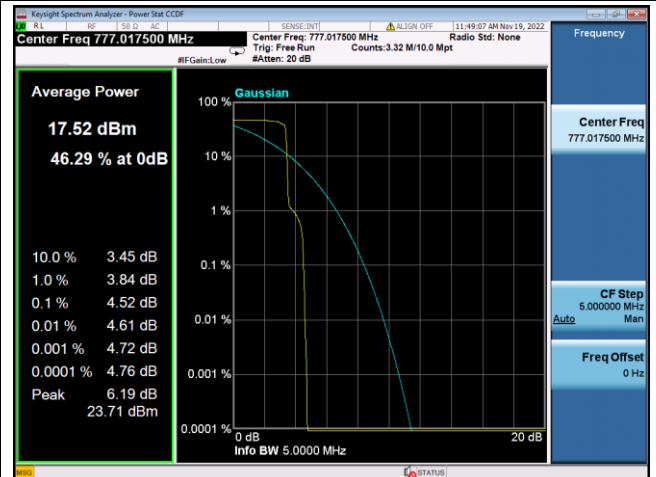


LTE FDD Band 13, SCS:15KHz

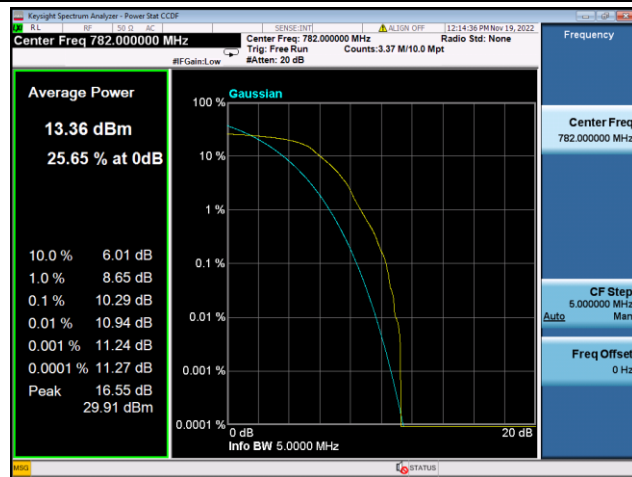
QPSK Low channel-12@0



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

