

LTE Cat M Appendix-PAR

LTE FDD Band 2, Nominal Bandwidth: 1.4MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.72	13	Pass
	MCH	6	0	9.58	13	Pass
	HCH	6	0	10.48	13	Pass
16QAM	LCH	5	0	10.41	13	Pass
	MCH	5	0	10.64	13	Pass
	HCH	5	0	10.40	13	Pass

LTE FDD Band 2, Nominal Bandwidth: 3MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.64	13	Pass
	MCH	6	0	9.75	13	Pass
	HCH	6	0	10.01	13	Pass
16QAM	LCH	5	0	10.32	13	Pass
	MCH	5	0	10.62	13	Pass
	HCH	5	0	10.89	13	Pass

LTE FDD Band 2, Nominal Bandwidth: 5MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.17	13	Pass
	MCH	6	0	9.27	13	Pass
	HCH	6	0	9.45	13	Pass
16QAM	LCH	5	0	9.55	13	Pass
	MCH	5	0	10.07	13	Pass
	HCH	5	0	9.73	13	Pass

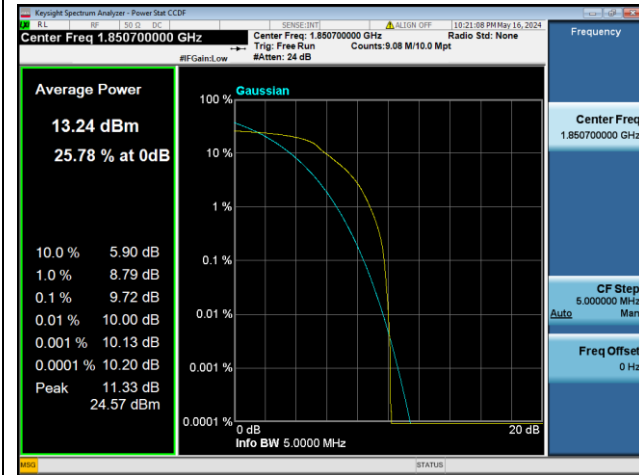
LTE FDD Band 2, Nominal Bandwidth: 10MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.10	13	Pass
	MCH	6	0	9.32	13	Pass
	HCH	6	0	9.57	13	Pass
16QAM	LCH	5	0	9.21	13	Pass
	MCH	5	0	9.05	13	Pass
	HCH	5	0	9.43	13	Pass

LTE FDD Band 2, Nominal Bandwidth: 15MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	8.44	13	Pass
	MCH	6	0	9.17	13	Pass
	HCH	6	0	9.34	13	Pass
16QAM	LCH	5	0	9.24	13	Pass
	MCH	5	0	9.30	13	Pass
	HCH	5	0	9.57	13	Pass

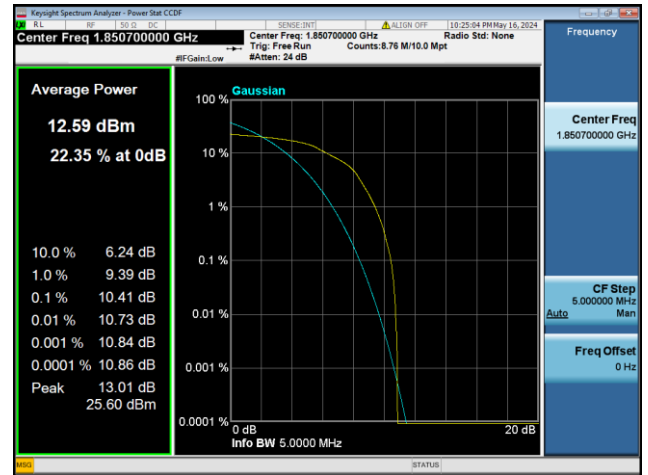
LTE FDD Band 2, Nominal Bandwidth: 20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	8.75	13	Pass
	MCH	6	0	8.97	13	Pass
	HCH	6	0	9.35	13	Pass
16QAM	LCH	5	0	9.24	13	Pass
	MCH	5	0	9.54	13	Pass
	HCH	5	0	9.45	13	Pass

LTE FDD Band 2, Nominal Bandwidth: 1.4MHz

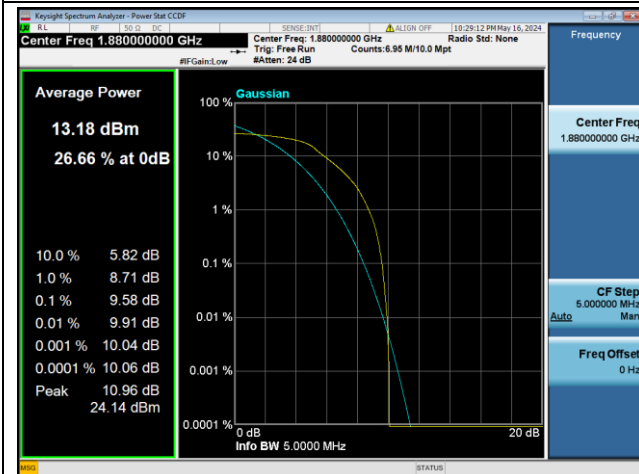
QPSK Low channel-6 RB offset 0



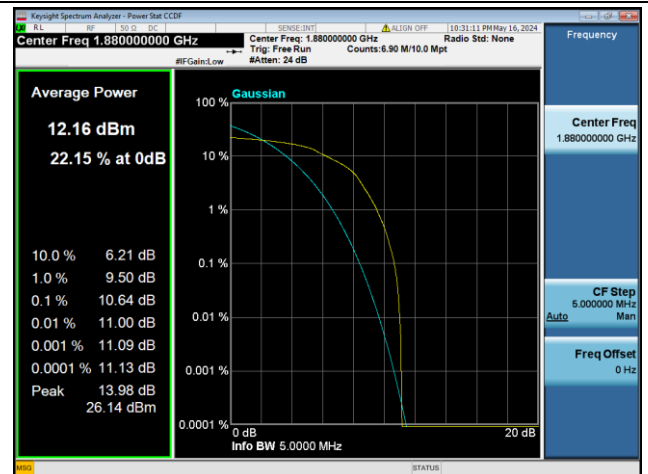
16QAM Low channel-5 RB offset 0



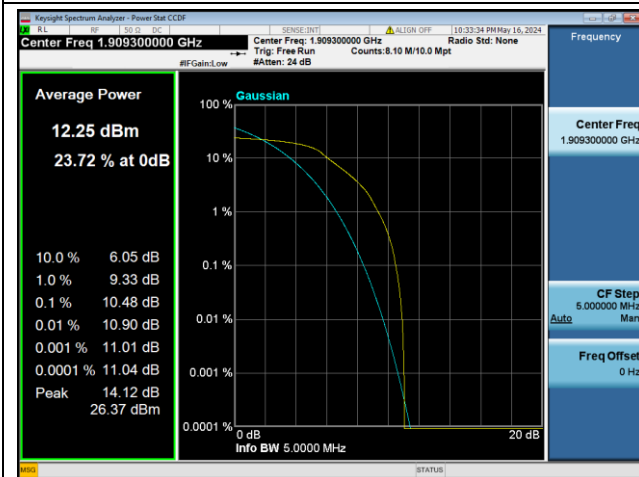
QPSK Middle channel-6 RB offset 0



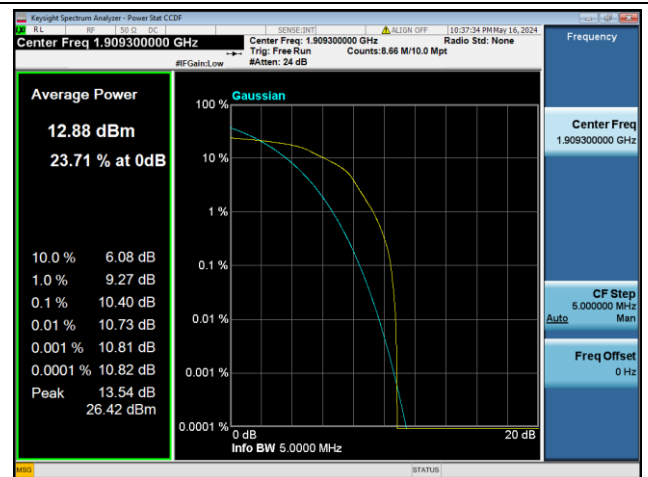
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

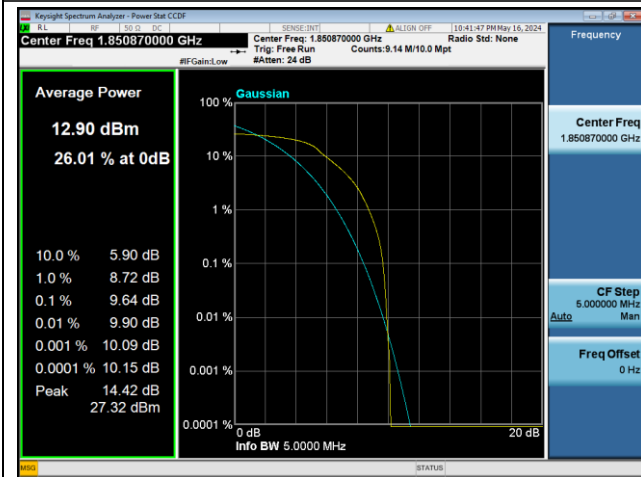


16QAM High channel-5 RB offset 0

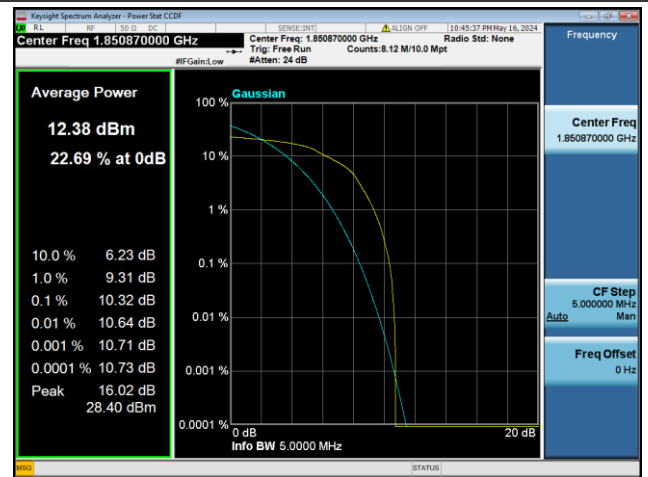


LTE FDD Band 2, Nominal Bandwidth: 3MHz

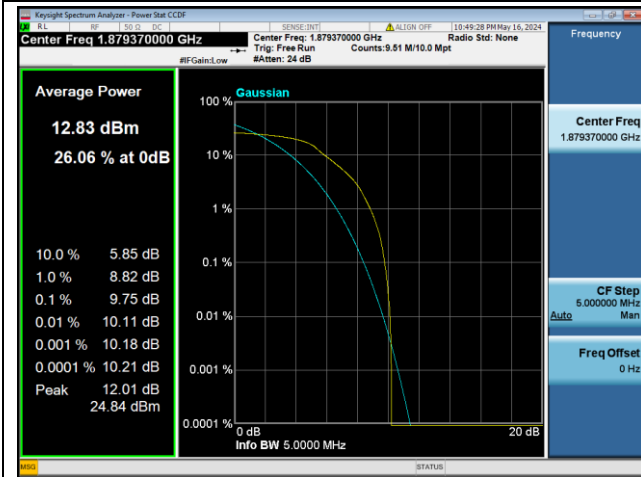
QPSK Low channel-6 RB offset 0



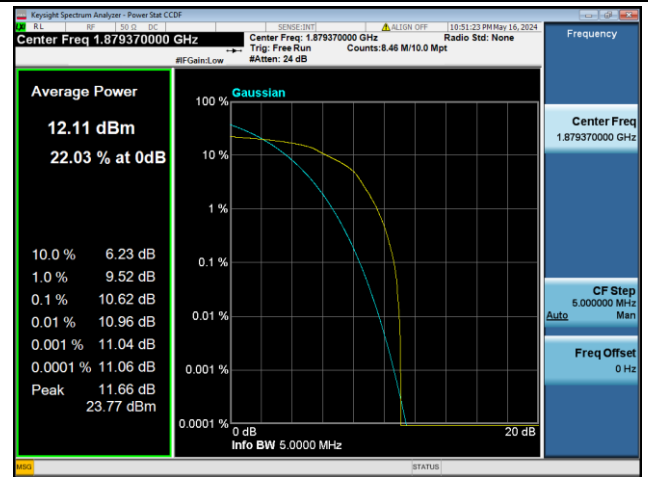
16QAM Low channel-5 RB offset 0



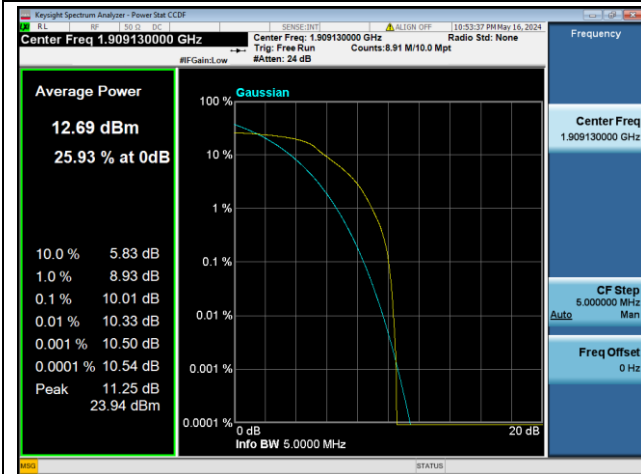
QPSK Middle channel-6 RB offset 0



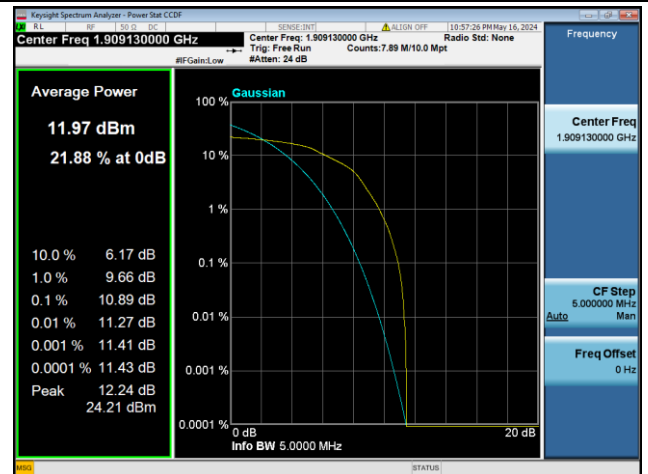
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

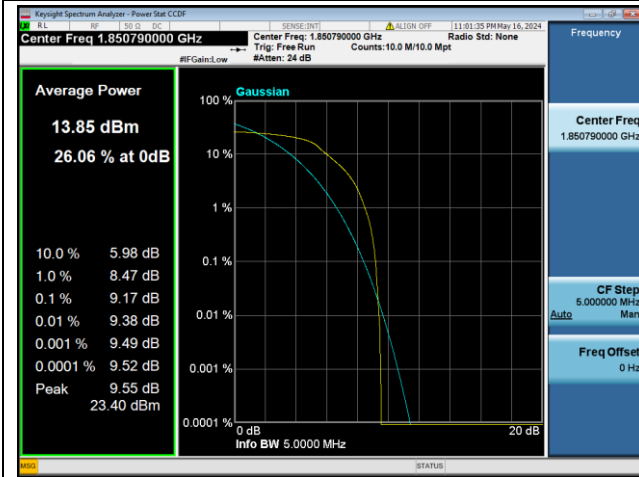


16QAM High channel-5 RB offset 0

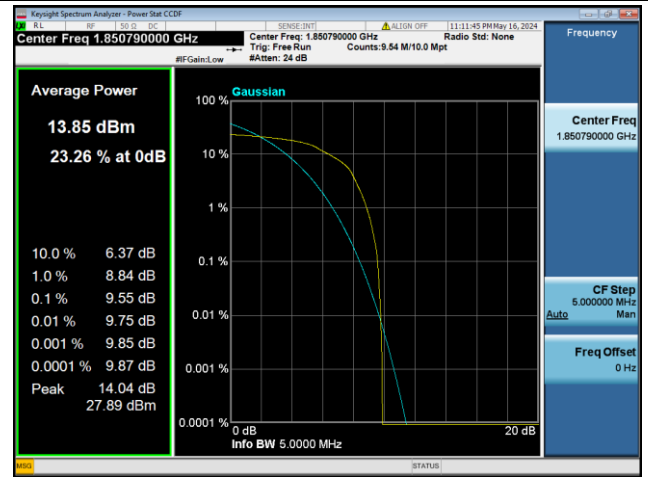


LTE FDD Band 2, Nominal Bandwidth: 5MHz

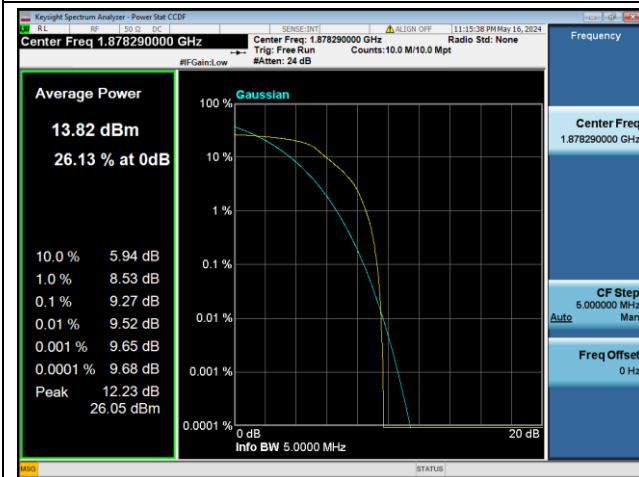
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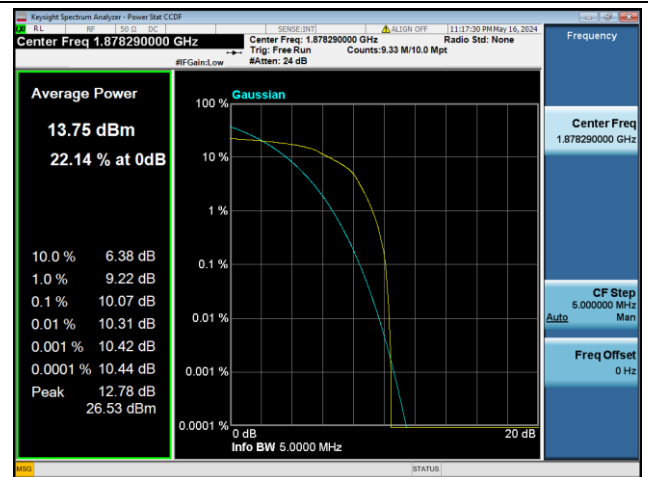
16QAM Low channel-5 RB offset 0



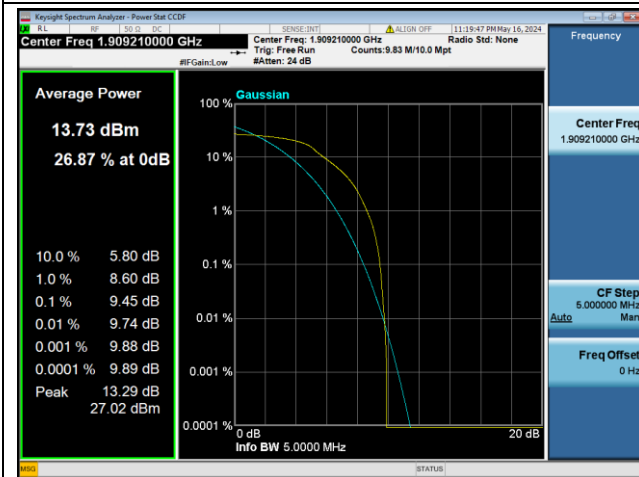
QPSK Middle channel-6 RB offset 0



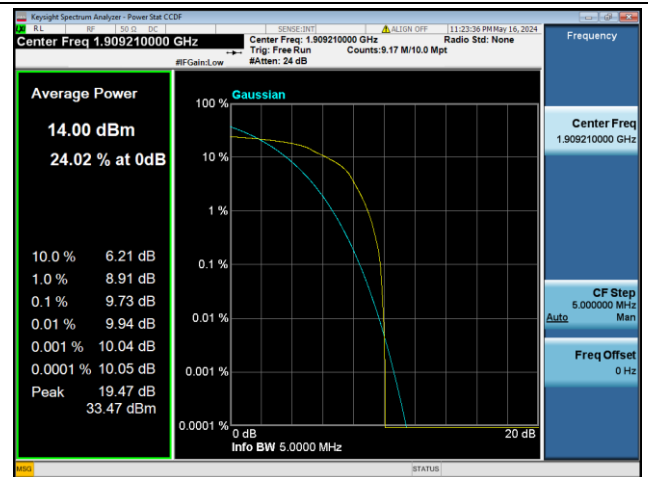
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

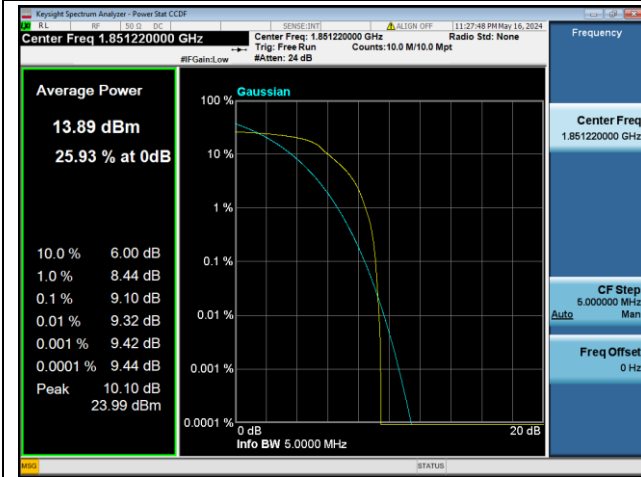


16QAM High channel-5 RB offset 0

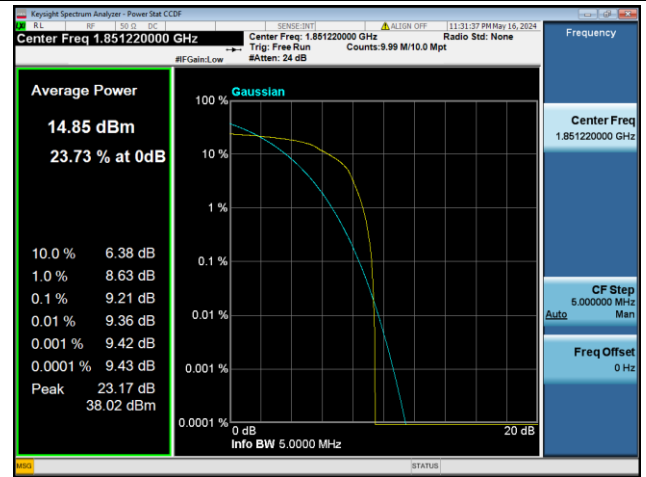


LTE FDD Band 2, Nominal Bandwidth: 10MHz

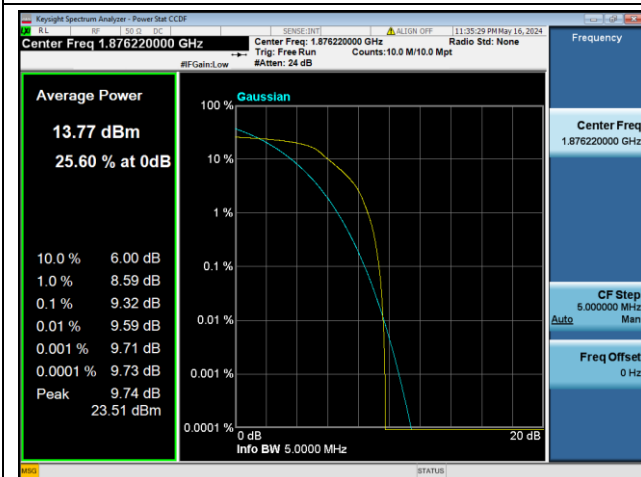
QPSK Low channel-6 RB offset 0



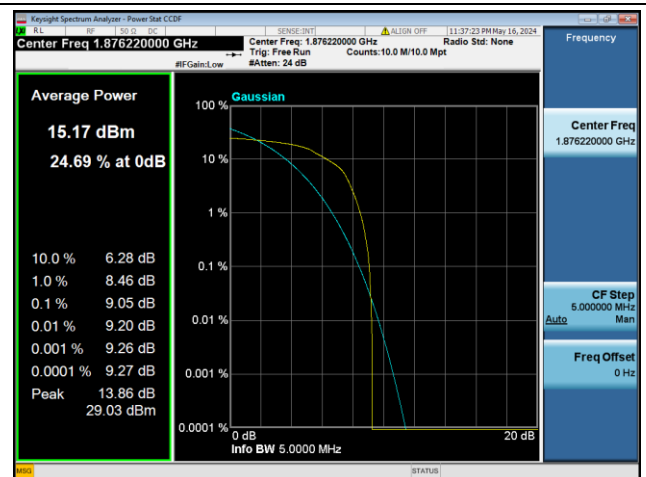
16QAM Low channel-5 RB offset 0



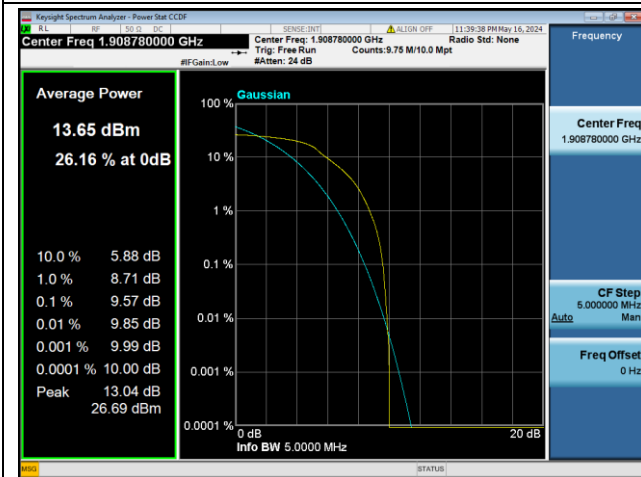
QPSK Middle channel-6 RB offset 0



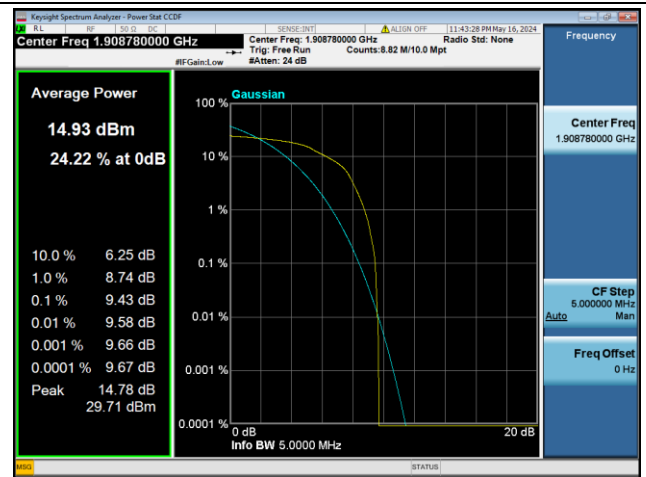
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

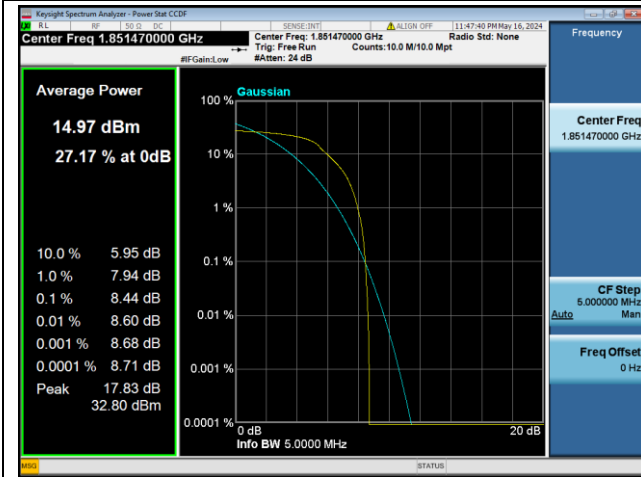


16QAM High channel-5 RB offset 0

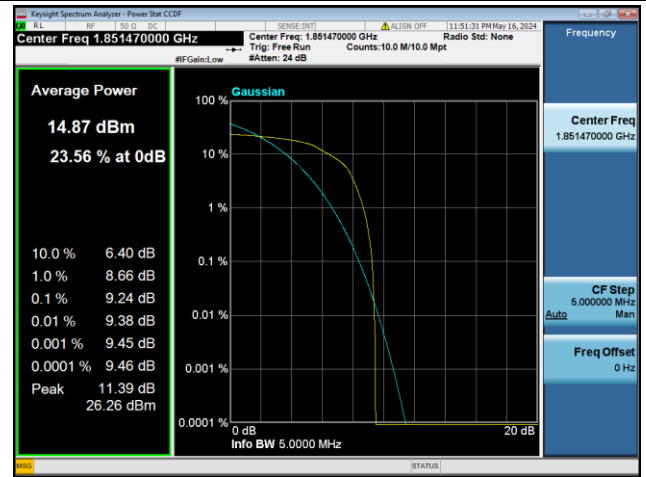


LTE FDD Band 2, Nominal Bandwidth: 15MHz

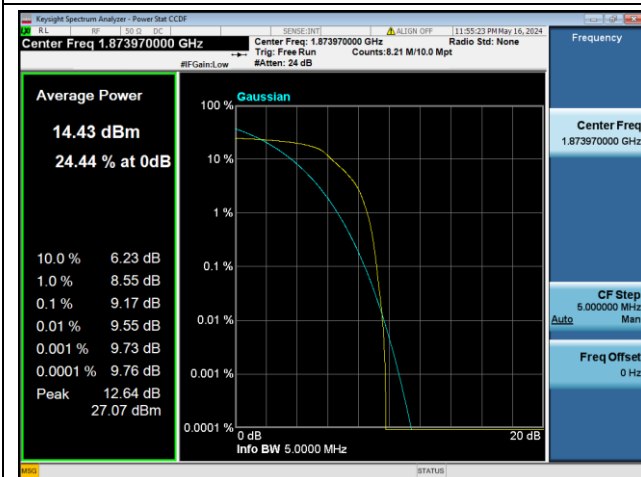
QPSK Low channel-6 RB offset 0



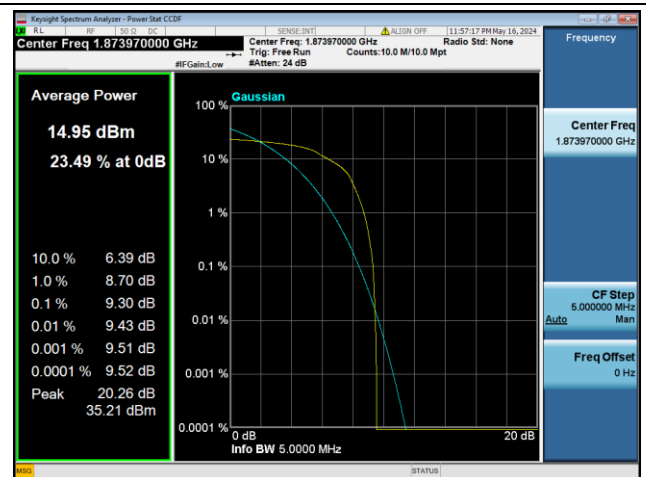
16QAM Low channel-5 RB offset 0



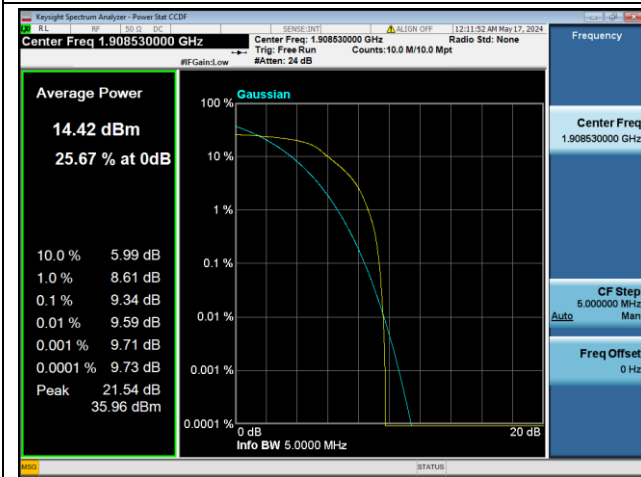
QPSK Middle channel-6 RB offset 0



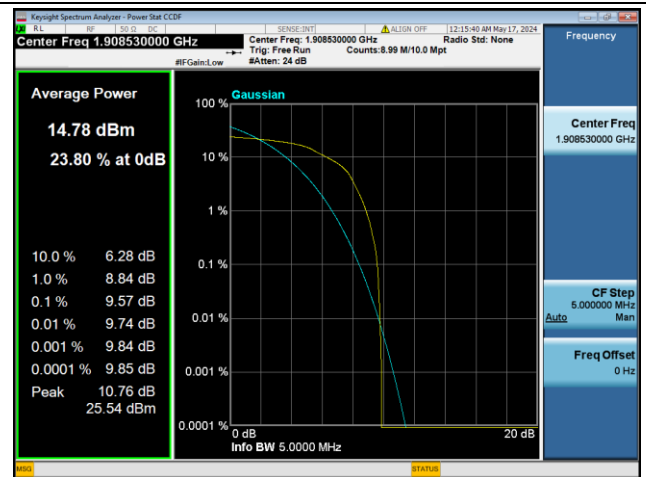
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

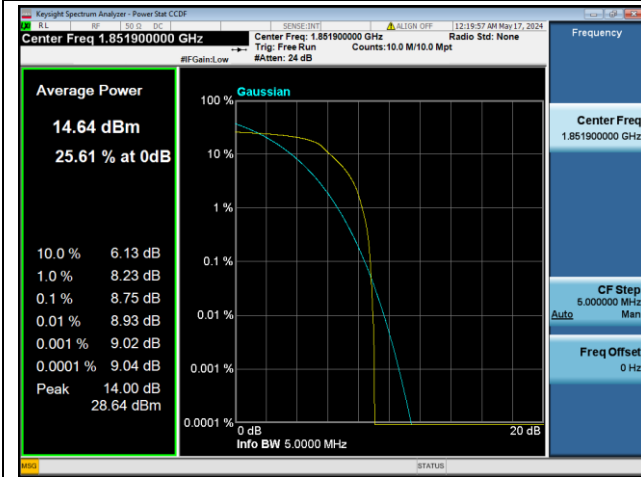


16QAM High channel-5 RB offset 0

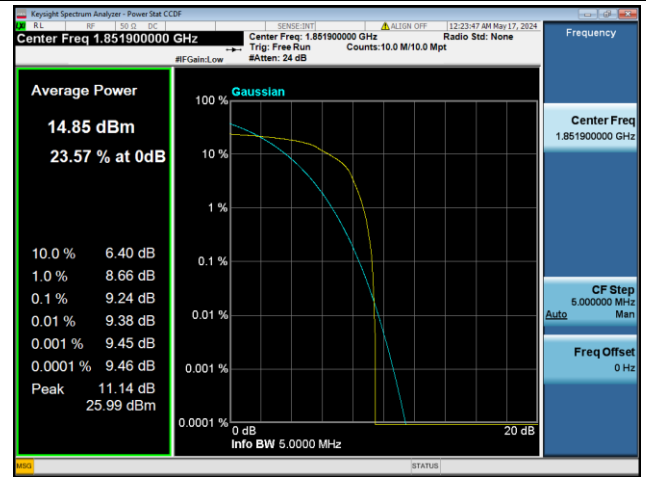


LTE FDD Band 2, Nominal Bandwidth: 20MHz

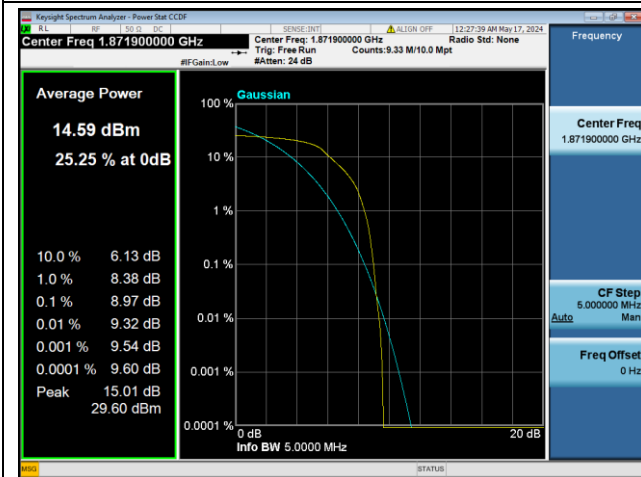
QPSK Low channel-6 RB offset 0



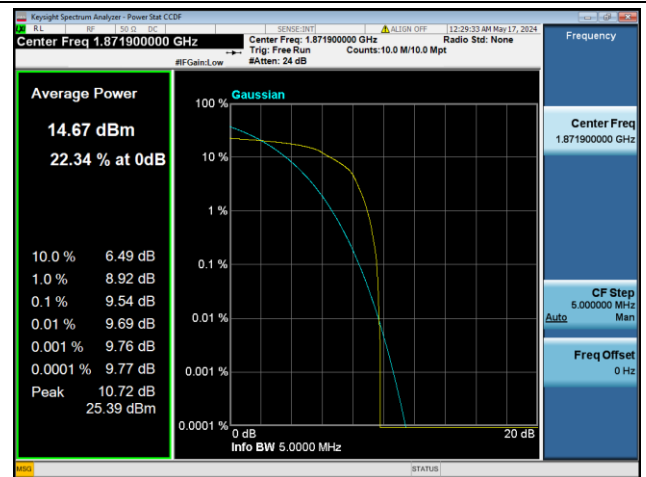
16QAM Low channel-5 RB offset 0



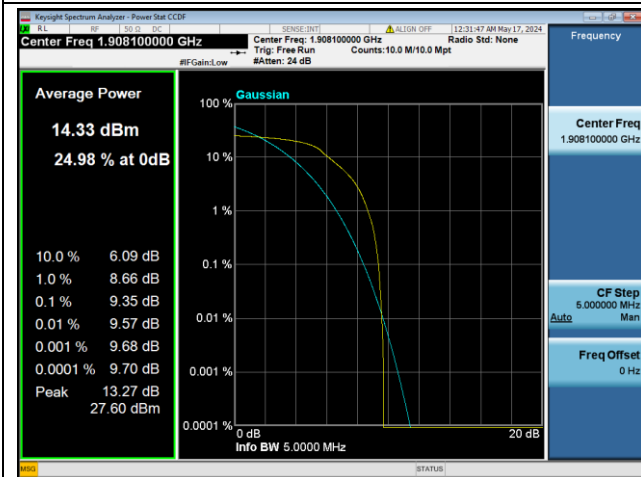
QPSK Middle channel-6 RB offset 0



16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0



16QAM High channel-5 RB offset 0





LTE FDD Band 4, Nominal Bandwidth: 1.4MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.98	13	Pass
	MCH	6	0	9.63	13	Pass
	HCH	6	0	9.95	13	Pass
16QAM	LCH	5	0	10.69	13	Pass
	MCH	5	0	10.61	13	Pass
	HCH	5	0	10.34	13	Pass

LTE FDD Band 4, Nominal Bandwidth: 3MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	10.24	13	Pass
	MCH	6	0	10.32	13	Pass
	HCH	6	0	10.16	13	Pass
16QAM	LCH	5	0	10.69	13	Pass
	MCH	5	0	10.72	13	Pass
	HCH	5	0	10.72	13	Pass

LTE FDD Band 4, Nominal Bandwidth: 5MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.67	13	Pass
	MCH	6	0	9.72	13	Pass
	HCH	6	0	10.07	13	Pass
16QAM	LCH	5	0	10.01	13	Pass
	MCH	5	0	9.89	13	Pass
	HCH	5	0	10.18	13	Pass

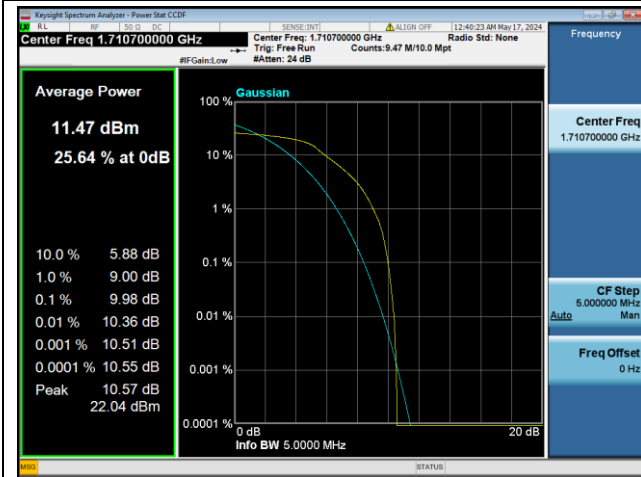
LTE FDD Band 4, Nominal Bandwidth: 10MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	10.05	13	Pass
	MCH	6	0	9.50	13	Pass
	HCH	6	0	9.53	13	Pass
16QAM	LCH	5	0	9.39	13	Pass
	MCH	5	0	9.32	13	Pass
	HCH	5	0	9.64	13	Pass

LTE FDD Band 4, Nominal Bandwidth: 15MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.27	13	Pass
	MCH	6	0	9.27	13	Pass
	HCH	6	0	9.15	13	Pass
16QAM	LCH	5	0	9.20	13	Pass
	MCH	5	0	9.34	13	Pass
	HCH	5	0	9.76	13	Pass

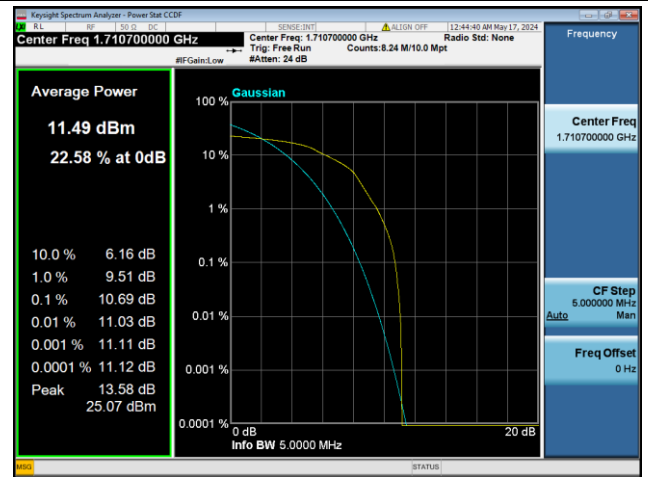
LTE FDD Band 4, Nominal Bandwidth: 20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.22	13	Pass
	MCH	6	0	9.33	13	Pass
	HCH	6	0	9.17	13	Pass
16QAM	LCH	5	0	9.45	13	Pass
	MCH	5	0	9.43	13	Pass
	HCH	5	0	9.45	13	Pass

LTE FDD Band 4, Nominal Bandwidth: 1.4MHz

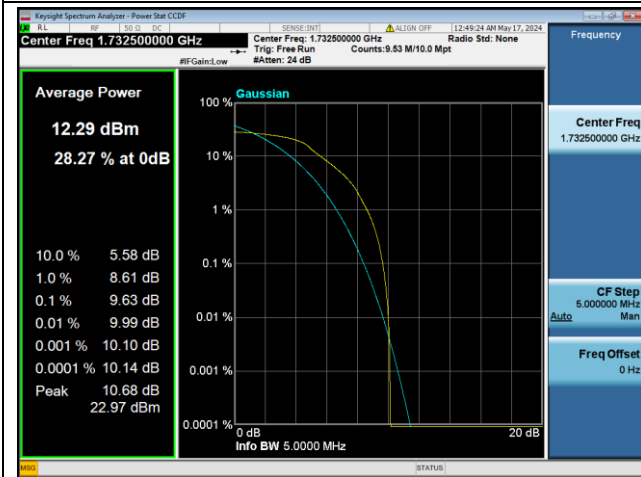
QPSK Low channel-6 RB offset 0



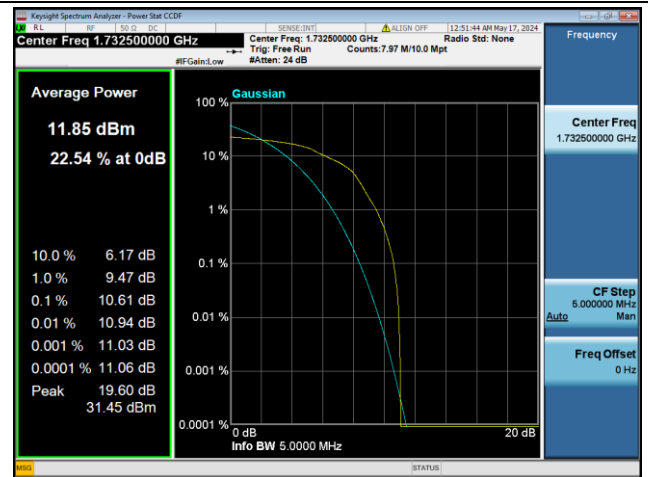
16QAM Low channel-5 RB offset 0



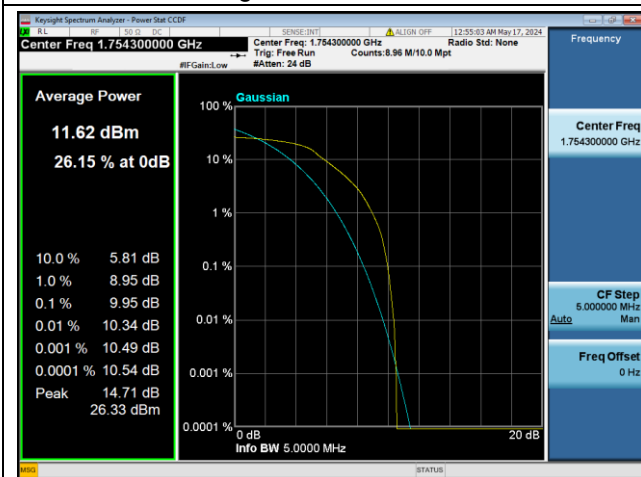
QPSK Middle channel-6 RB offset 0



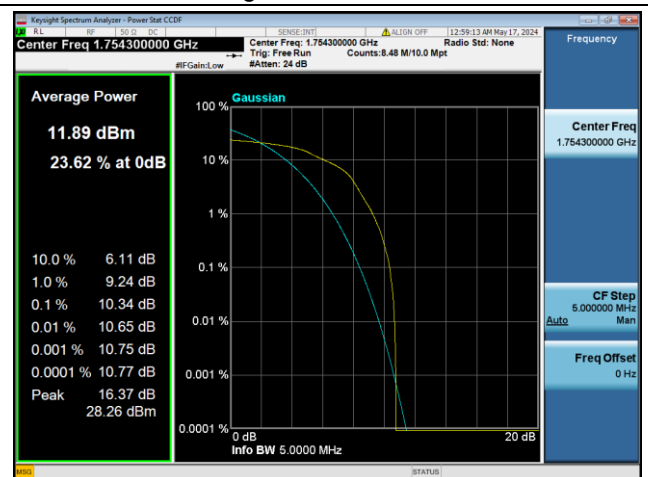
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

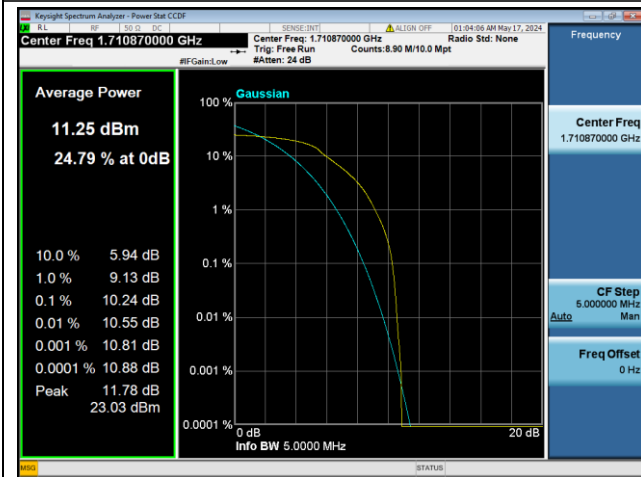


16QAM High channel-5 RB offset 0

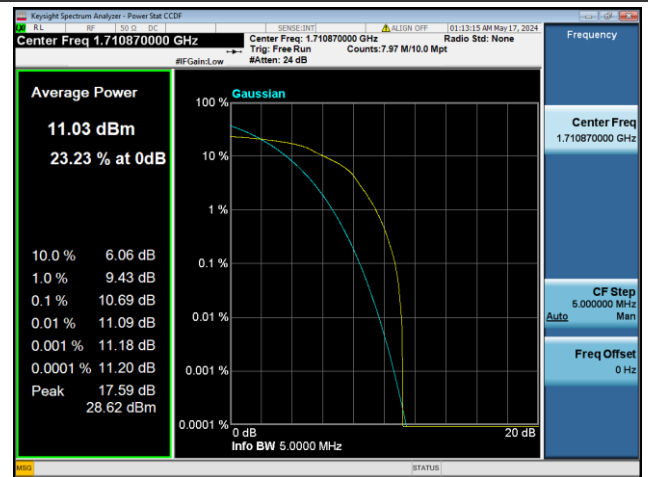


LTE FDD Band 4, Nominal Bandwidth: 3MHz

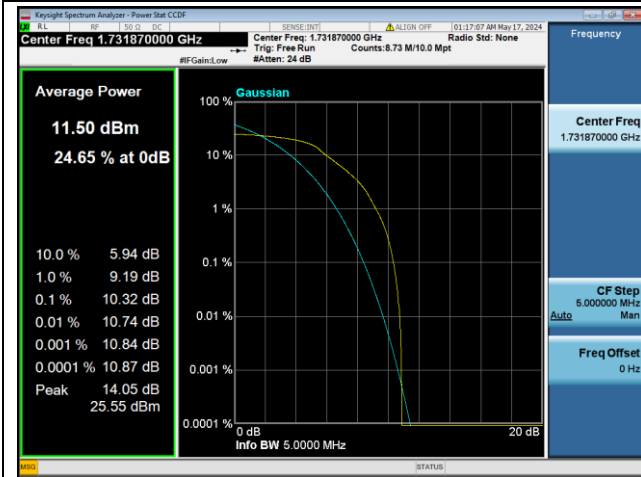
QPSK Low channel-6 RB offset 0



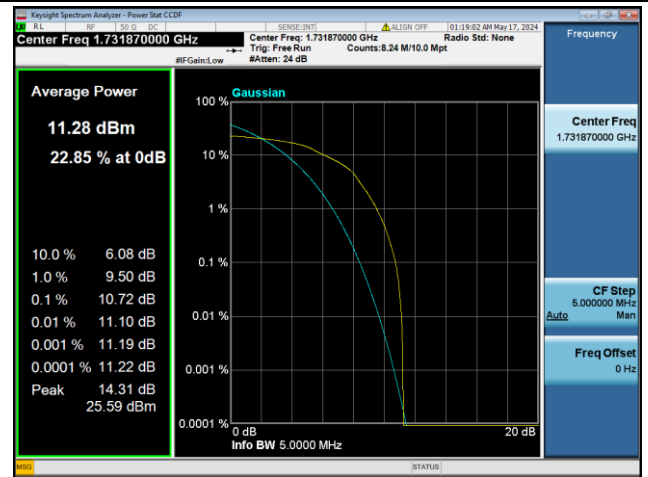
16QAM Low channel-5 RB offset 0



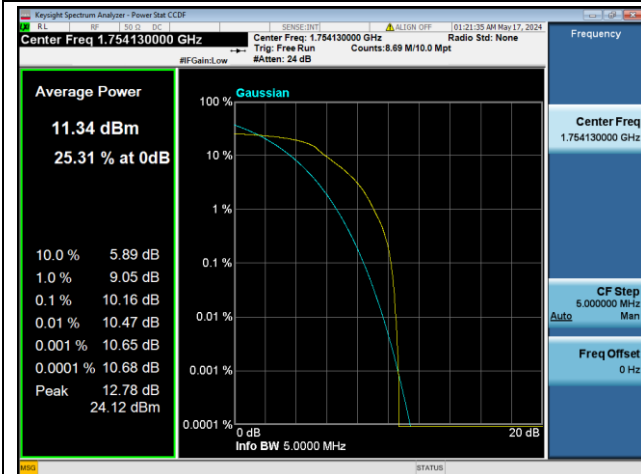
QPSK Middle channel-6 RB offset 0



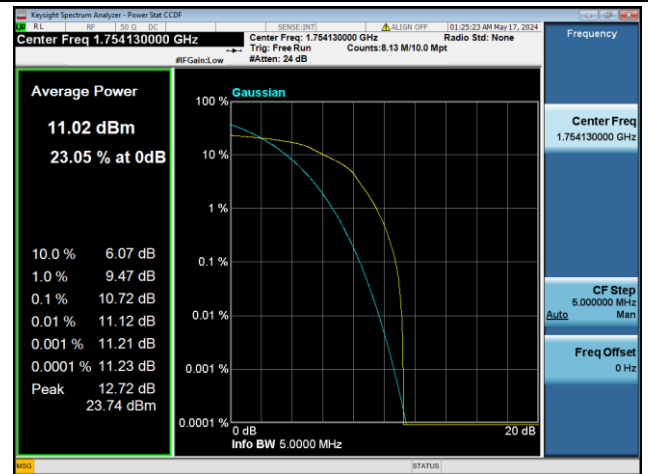
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

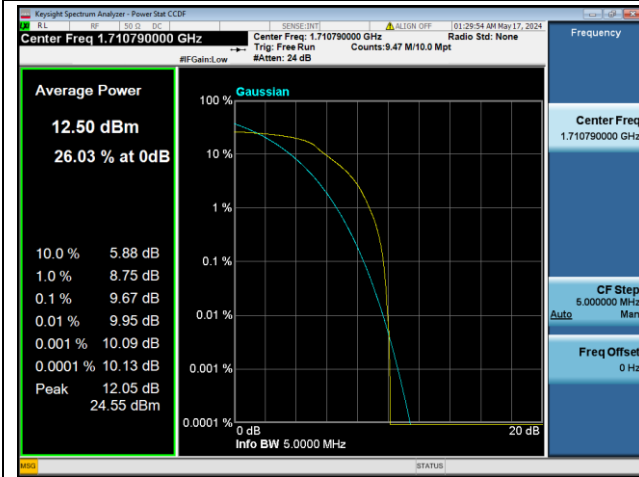


16QAM High channel-5 RB offset 0

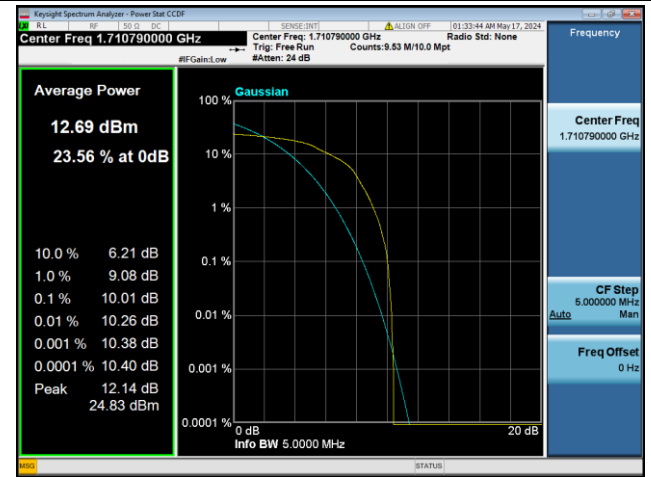


LTE FDD Band 4, Nominal Bandwidth: 5MHz

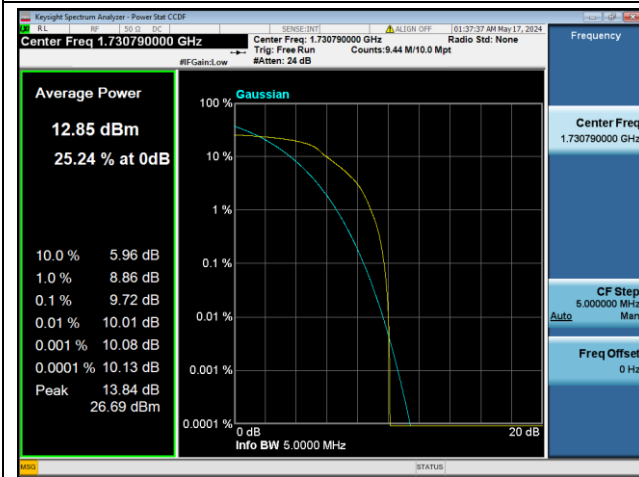
QPSK Low channel-6 RB offset 0



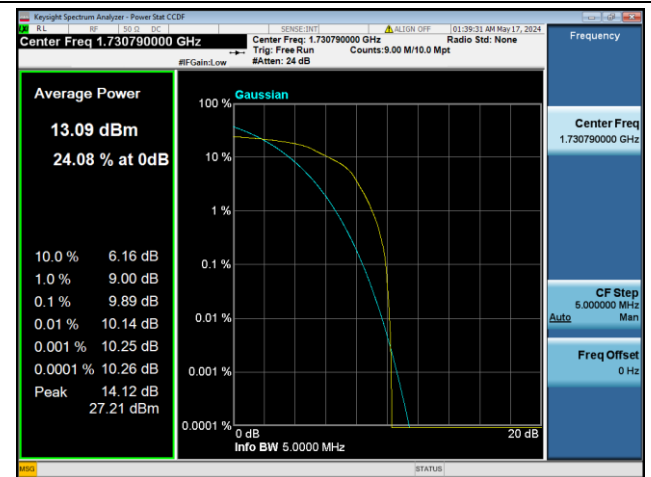
16QAM Low channel-5 RB offset 0



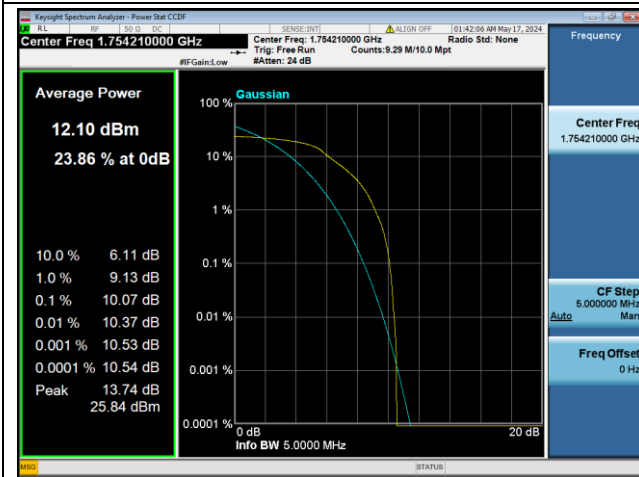
QPSK Middle channel-6 RB offset 0



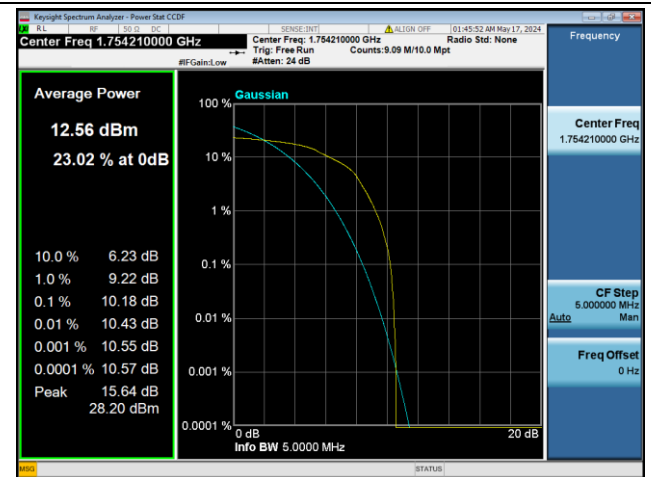
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

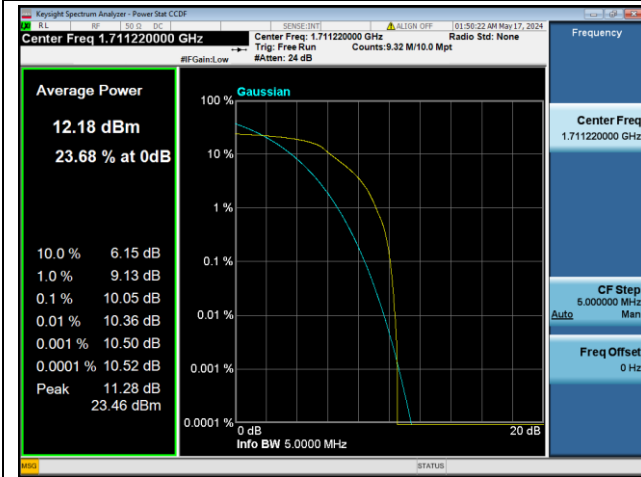


16QAM High channel-5 RB offset 0

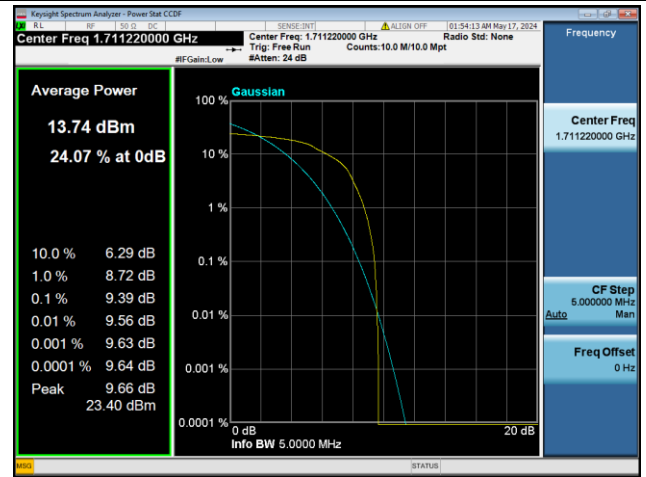


LTE FDD Band 4, Nominal Bandwidth: 10MHz

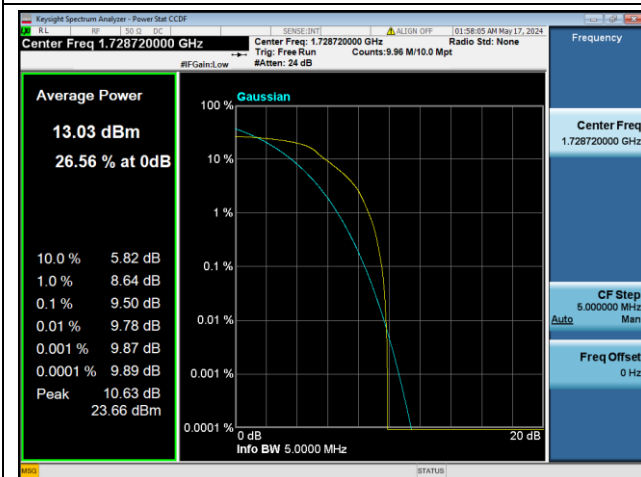
QPSK Low channel-6 RB offset 0



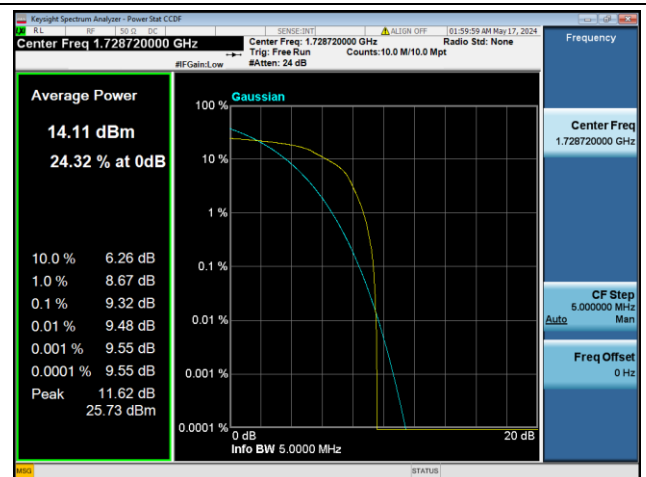
16QAM Low channel-5 RB offset 0



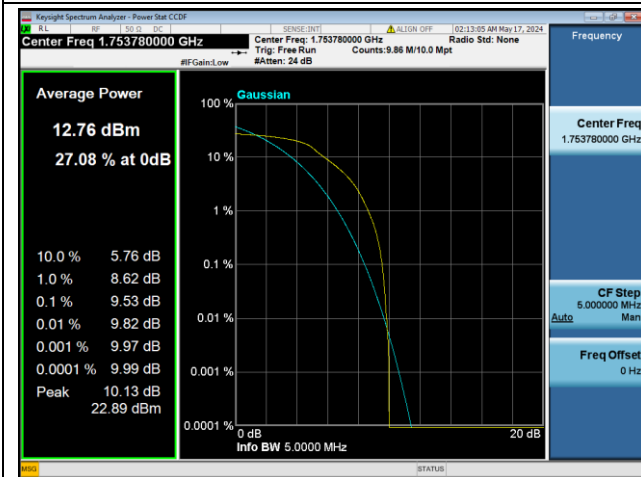
QPSK Middle channel-6 RB offset 0



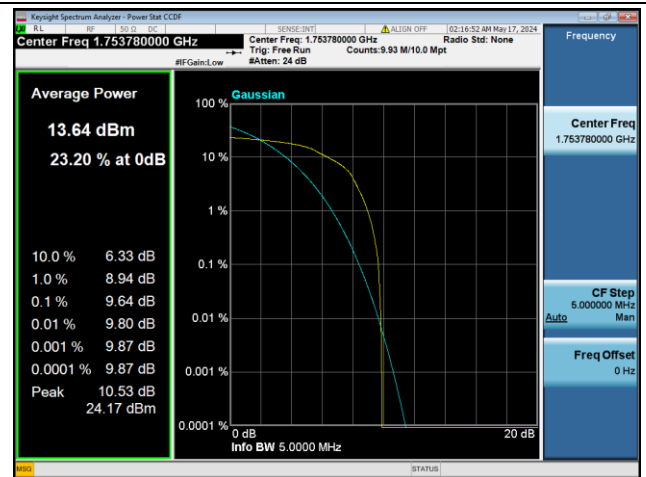
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

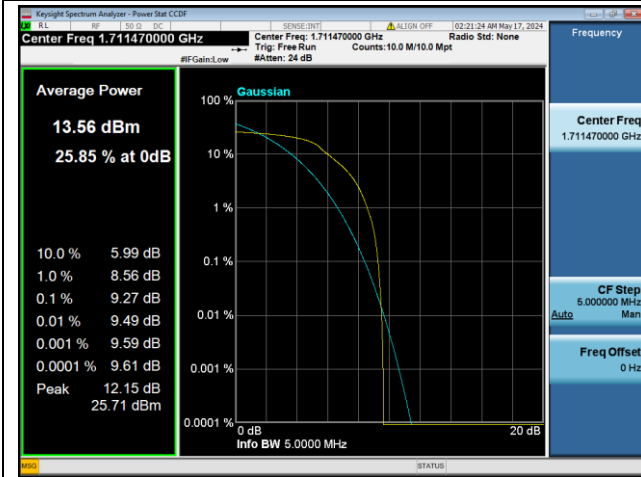


16QAM High channel-5 RB offset 0

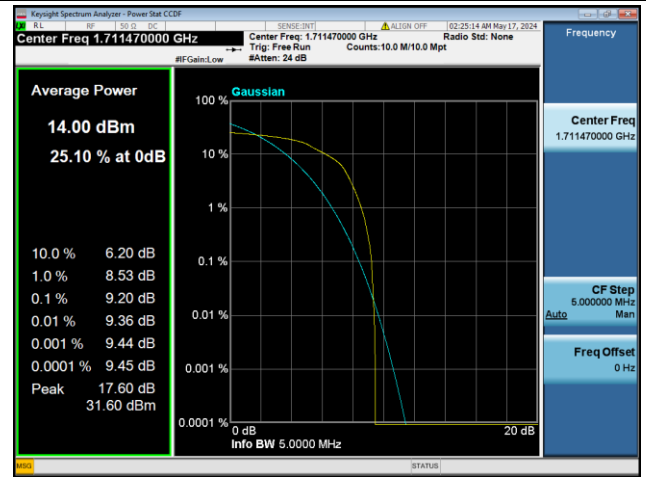


LTE FDD Band 4, Nominal Bandwidth: 15MHz

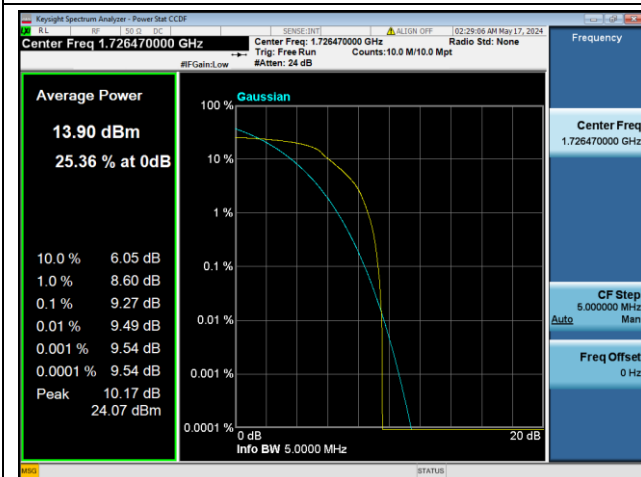
QPSK Low channel-6 RB offset 0



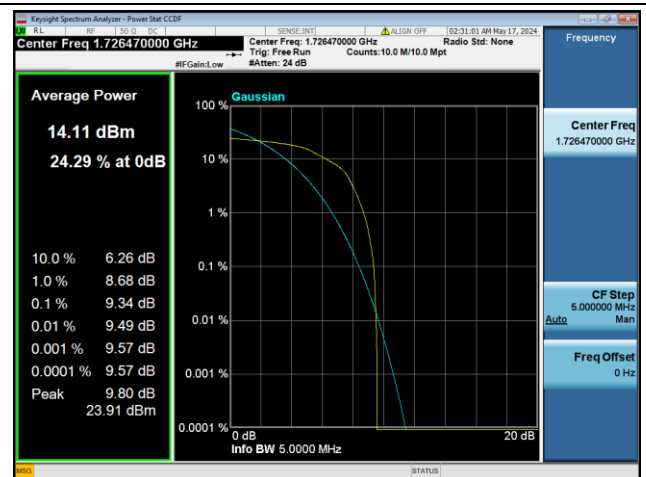
16QAM Low channel-5 RB offset 0



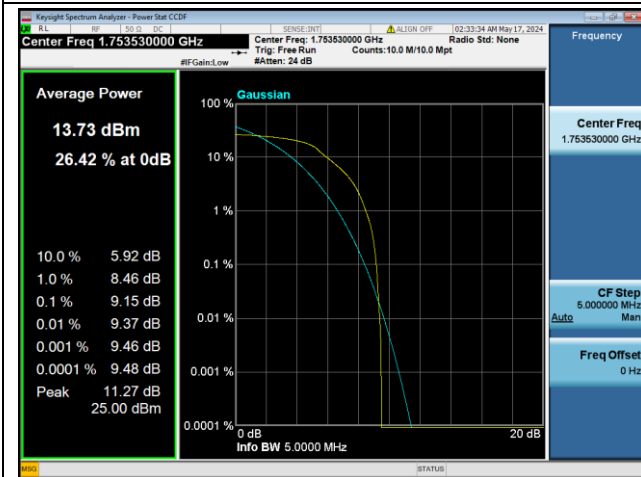
QPSK Middle channel-6 RB offset 0



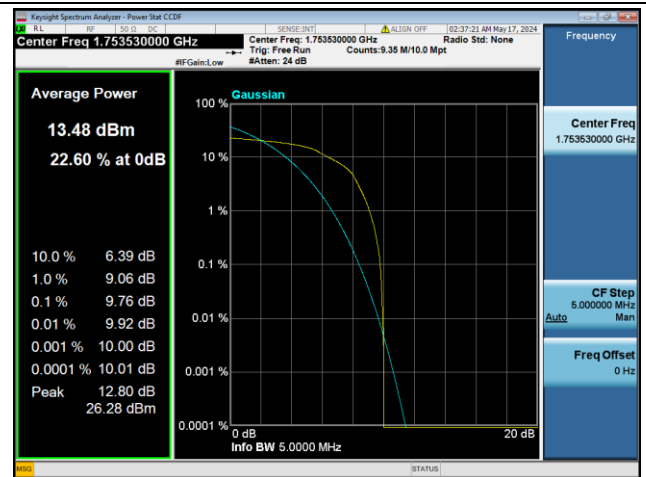
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

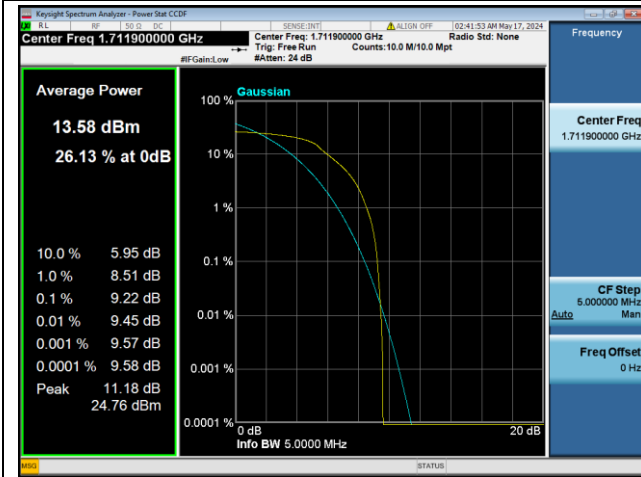


16QAM High channel-5 RB offset 0

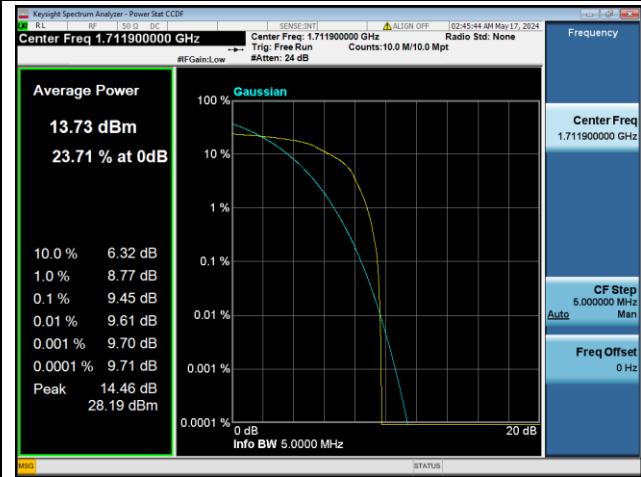


LTE FDD Band 4, Nominal Bandwidth: 20MHz

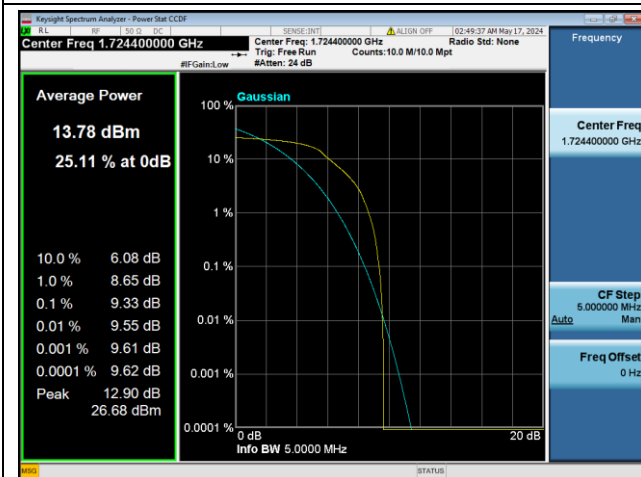
QPSK Low channel-6 RB offset 0



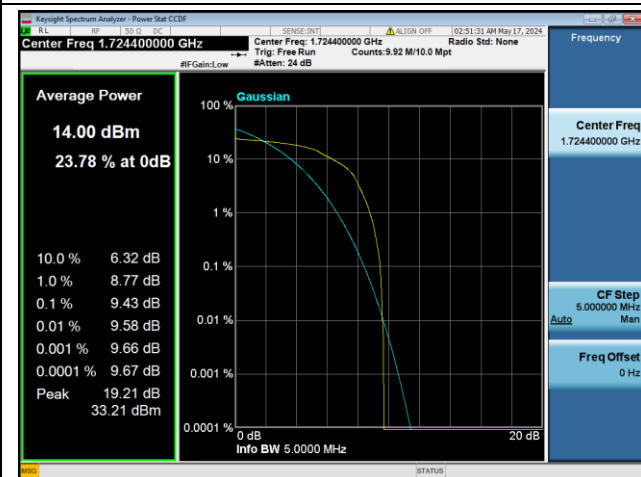
16QAM Low channel-5 RB offset 0



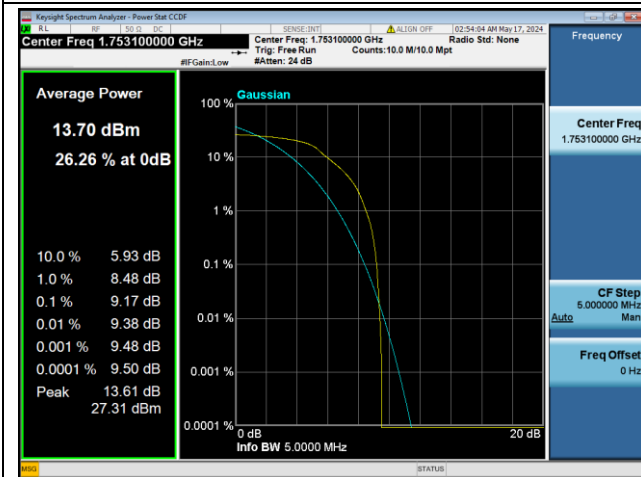
QPSK Middle channel-6 RB offset 0



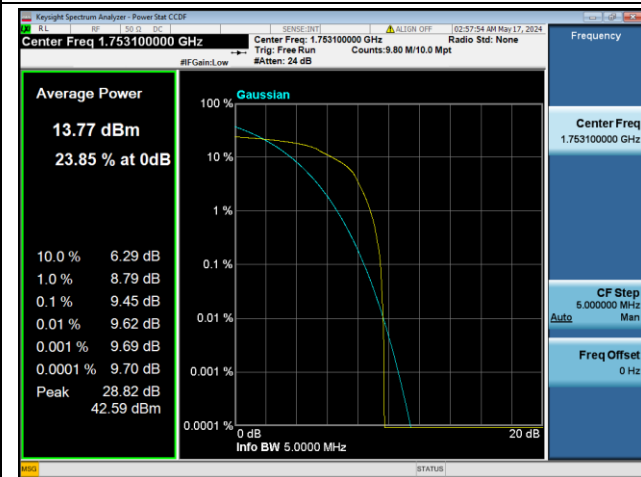
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0



16QAM High channel-5 RB offset 0





LTE FDD Band 5, Nominal Bandwidth: 1.4MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.59	13	Pass
	MCH	6	0	9.96	13	Pass
	HCH	6	0	9.61	13	Pass
16QAM	LCH	5	0	10.21	13	Pass
	MCH	5	0	10.38	13	Pass
	HCH	5	0	10.20	13	Pass

LTE FDD Band 5, Nominal Bandwidth: 3MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	10.08	13	Pass
	MCH	6	0	9.89	13	Pass
	HCH	6	0	9.77	13	Pass
16QAM	LCH	5	0	10.51	13	Pass
	MCH	5	0	10.39	13	Pass
	HCH	5	0	10.53	13	Pass

LTE FDD Band 5, Nominal Bandwidth: 5MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.59	13	Pass
	MCH	6	0	9.26	13	Pass
	HCH	6	0	9.27	13	Pass
16QAM	LCH	5	0	10.17	13	Pass
	MCH	5	0	9.48	13	Pass
	HCH	5	0	9.63	13	Pass

LTE FDD Band 5, Nominal Bandwidth: 10MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.39	13	Pass
	MCH	6	0	9.24	13	Pass
	HCH	6	0	9.19	13	Pass
16QAM	LCH	5	0	9.36	13	Pass
	MCH	5	0	9.24	13	Pass
	HCH	5	0	9.04	13	Pass