

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	9.91	13	Pass
	MCH	6	0	9.57	13	Pass
	HCH	6	0	10.17	13	Pass
16QAM	LCH	5	0	10.40	13	Pass
	MCH	5	0	10.72	13	Pass
	HCH	5	0	10.43	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	10.09	13	Pass
	MCH	6	0	10.30	13	Pass
	HCH	6	0	10.04	13	Pass
16QAM	LCH	5	0	10.66	13	Pass
	MCH	5	0	10.62	13	Pass
	HCH	5	0	10.57	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	10.07	13	Pass
	MCH	6	0	9.71	13	Pass
	HCH	6	0	9.79	13	Pass
16QAM	LCH	5	0	9.96	13	Pass
	MCH	5	0	9.75	13	Pass
	HCH	5	0	10.07	13	Pass

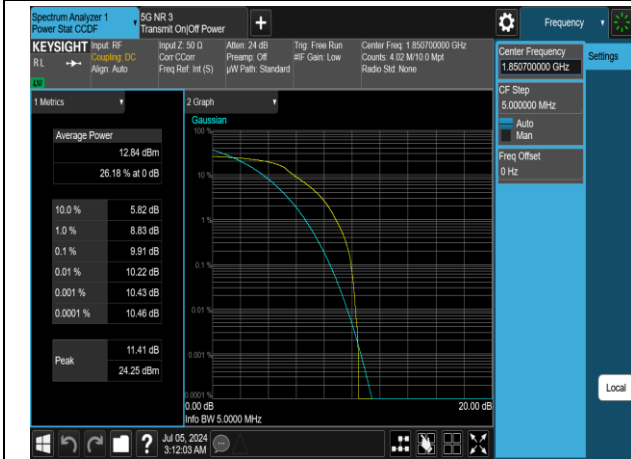
LTE FDD Band 2, Nominal Bandwidth: 10MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.66	13	Pass
	MCH	6	0	9.79	13	Pass
	HCH	6	0	9.88	13	Pass
16QAM	LCH	5	0	9.31	13	Pass
	MCH	5	0	9.40	13	Pass
	HCH	5	0	8.82	13	Pass

LTE FDD Band 2, Nominal Bandwidth: 15MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.38	13	Pass
	MCH	6	0	9.17	13	Pass
	HCH	6	0	9.20	13	Pass
16QAM	LCH	5	0	9.23	13	Pass
	MCH	5	0	9.38	13	Pass
	HCH	5	0	9.19	13	Pass

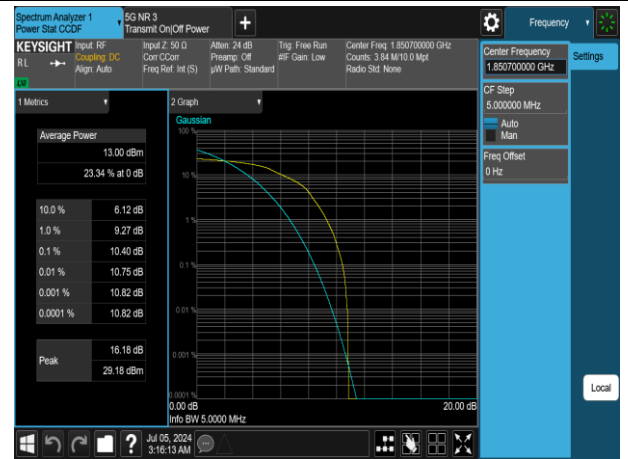
LTE FDD Band 2, Nominal Bandwidth: 20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.45	13	Pass
	MCH	6	0	9.49	13	Pass
	HCH	6	0	9.12	13	Pass
16QAM	LCH	5	0	9.33	13	Pass
	MCH	5	0	9.58	13	Pass
	HCH	5	0	9.36	13	Pass

LTE FDD Band 2, Nominal Bandwidth: 1.4MHz

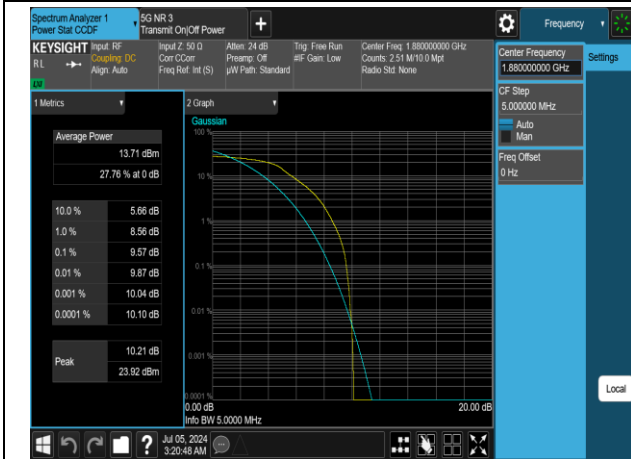
QPSK Low channel-6 RB offset 0



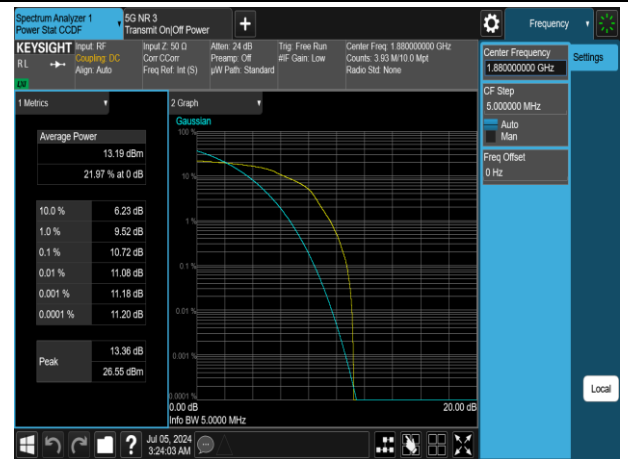
16QAM Low channel-5 RB offset 0



QPSK Middle channel-6 RB offset 0



16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

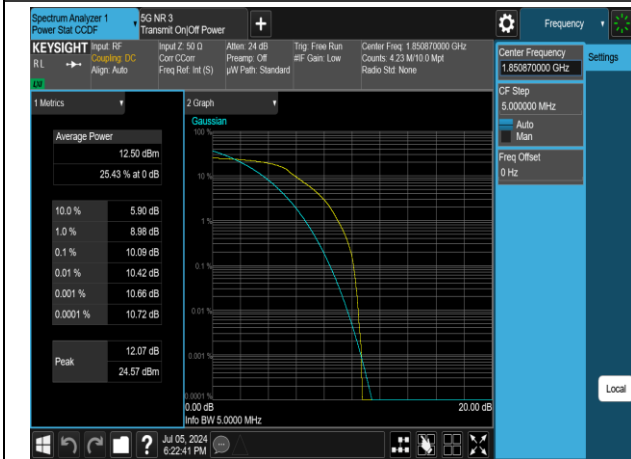


16QAM High channel-5 RB offset 0

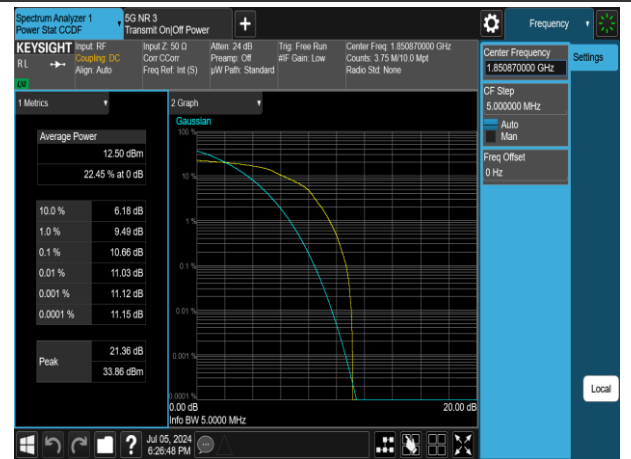


LTE FDD Band 2, Nominal Bandwidth: 3MHz

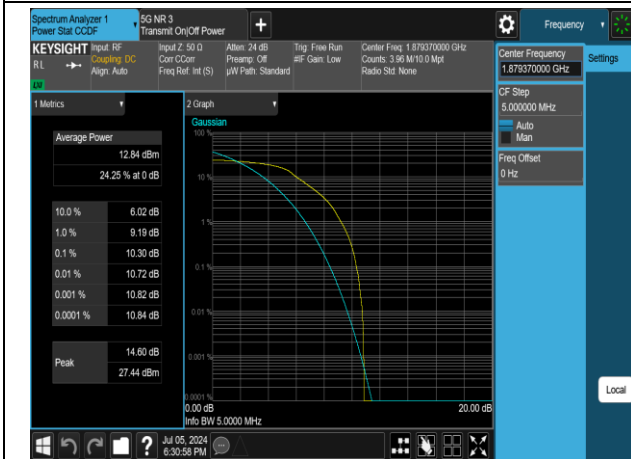
QPSK Low channel-6 RB offset 0



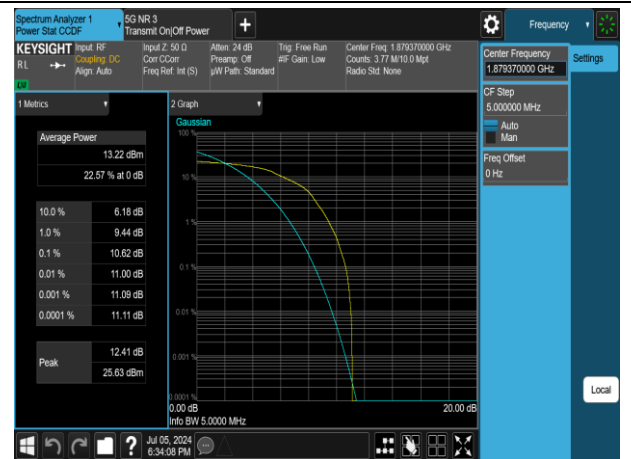
16QAM Low channel-5 RB offset 0



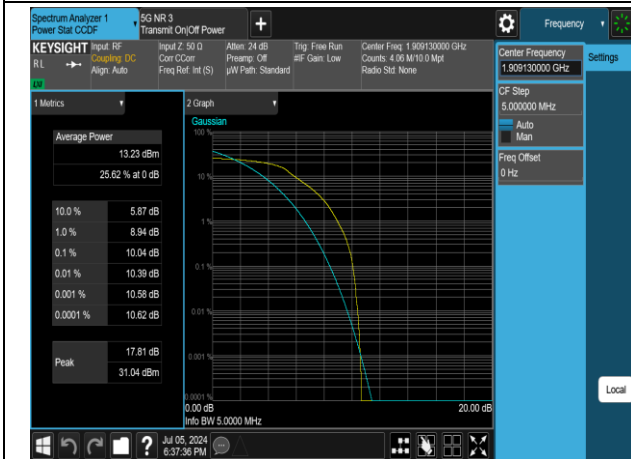
QPSK Middle channel-6 RB offset 0



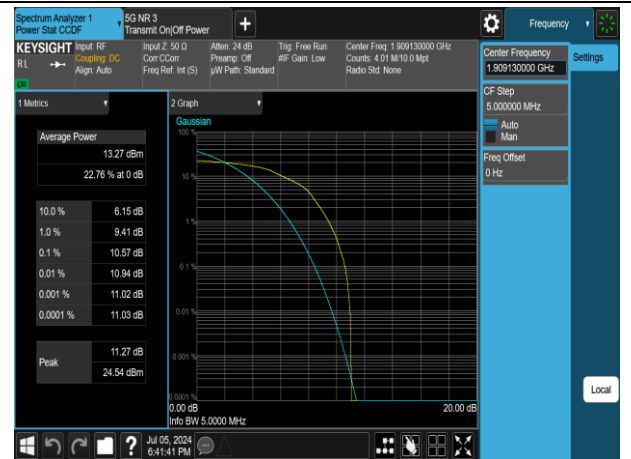
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

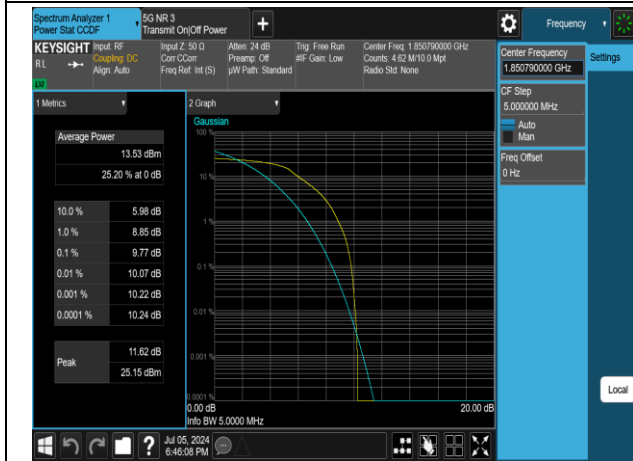


16QAM High channel-5 RB offset 0

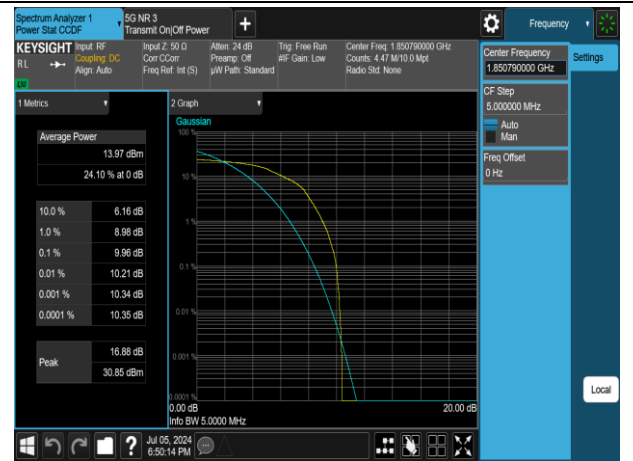


LTE FDD Band 2, Nominal Bandwidth: 5MHz

QPSK Low channel-6 RB offset 0



16QAM Low channel-5 RB offset 0



QPSK Middle channel-6 RB offset 0



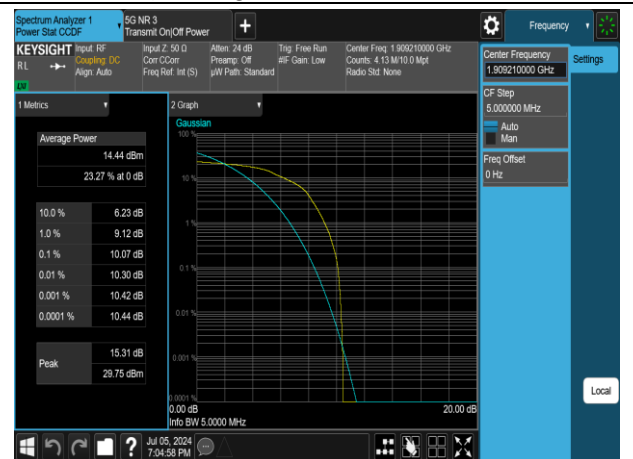
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

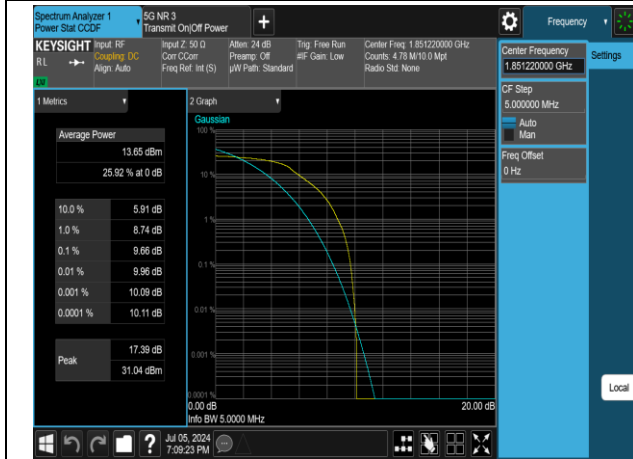


16QAM High channel-5 RB offset 0

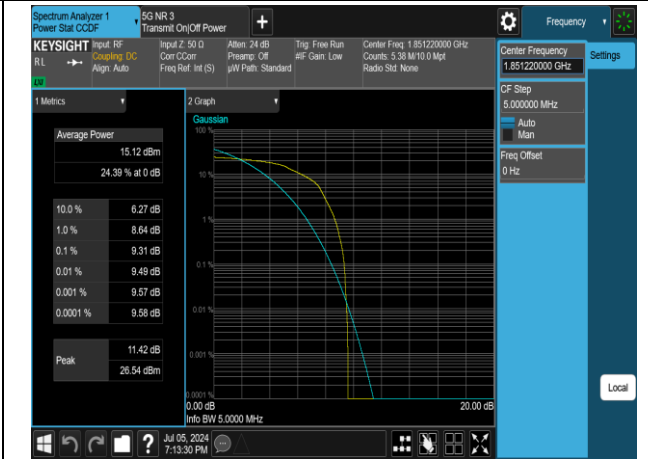


LTE FDD Band 2, Nominal Bandwidth: 10MHz

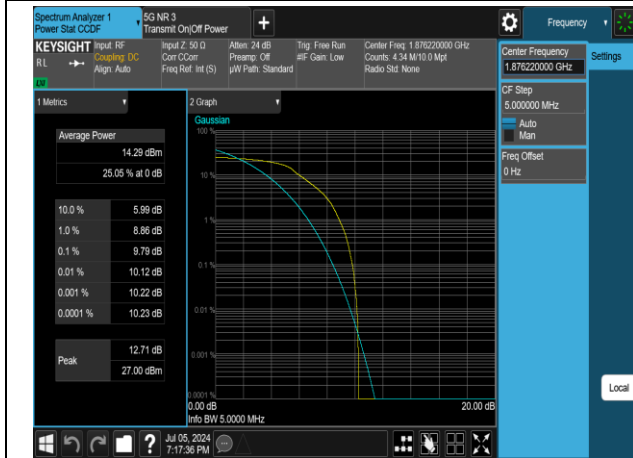
QPSK Low channel-6 RB offset 0



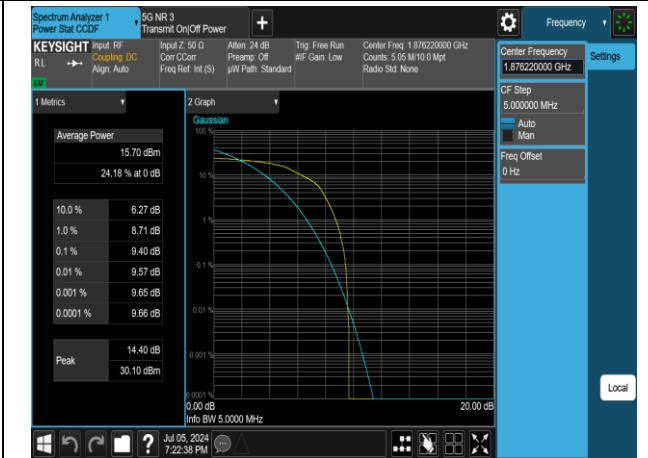
16QAM Low channel-5 RB offset 0



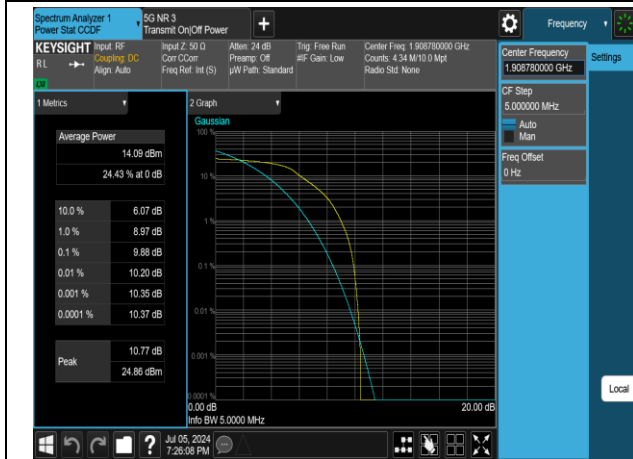
QPSK Middle channel-6 RB offset 0



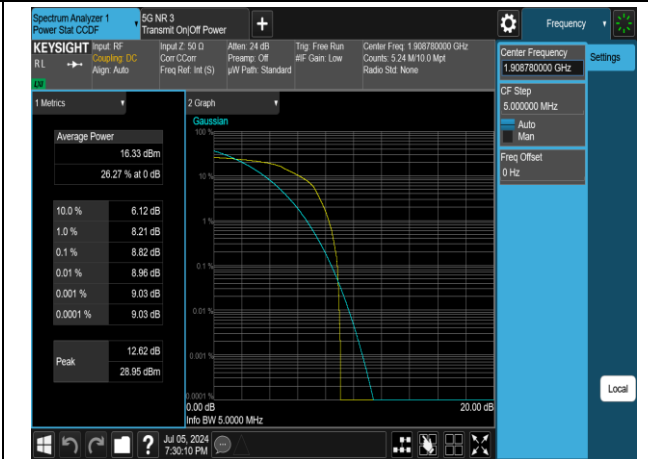
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

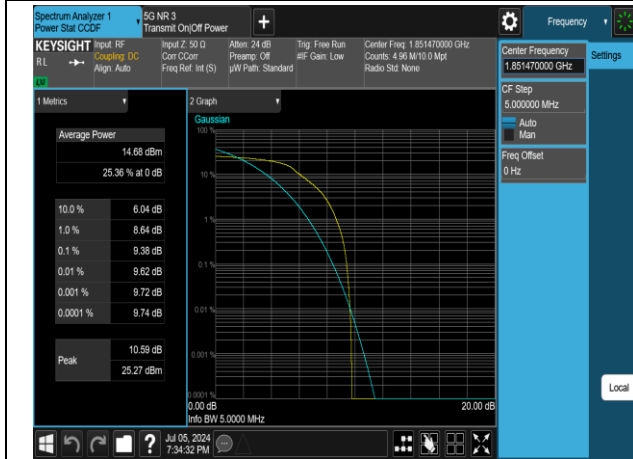


16QAM High channel-5 RB offset 0

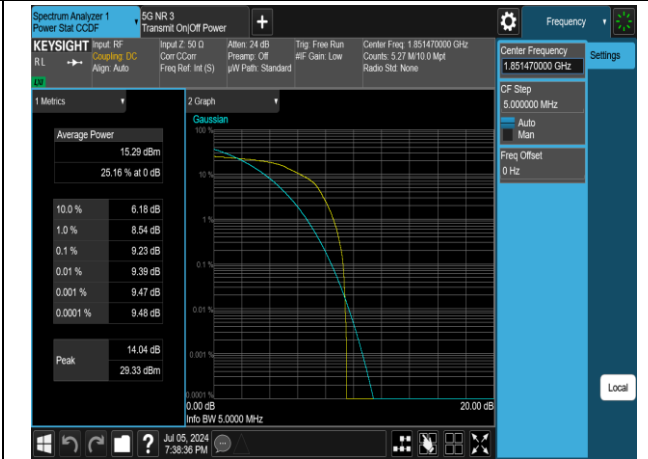


LTE FDD Band 2, Nominal Bandwidth: 15MHz

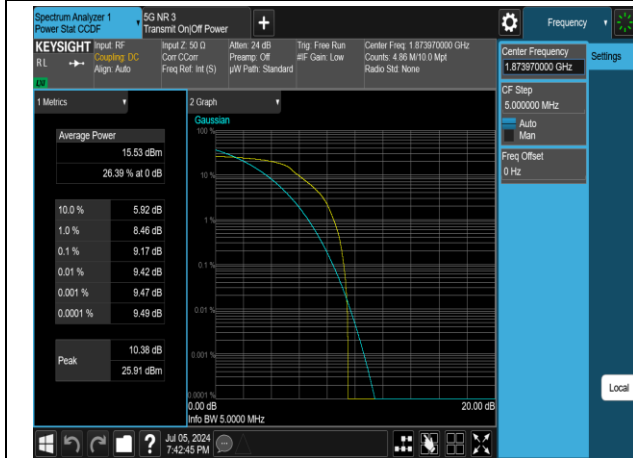
QPSK Low channel-6 RB offset 0



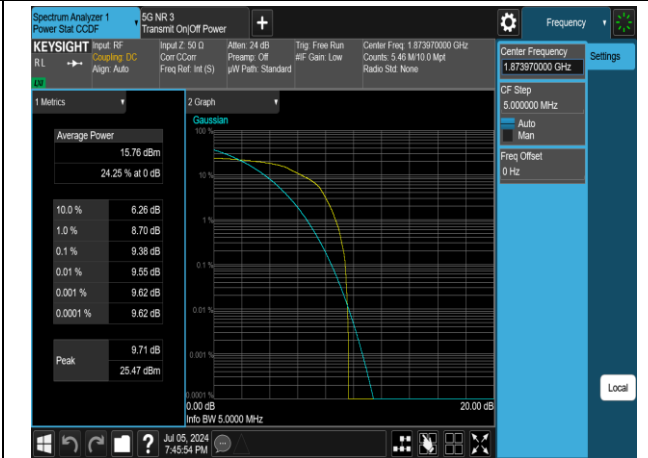
16QAM Low channel-5 RB offset 0



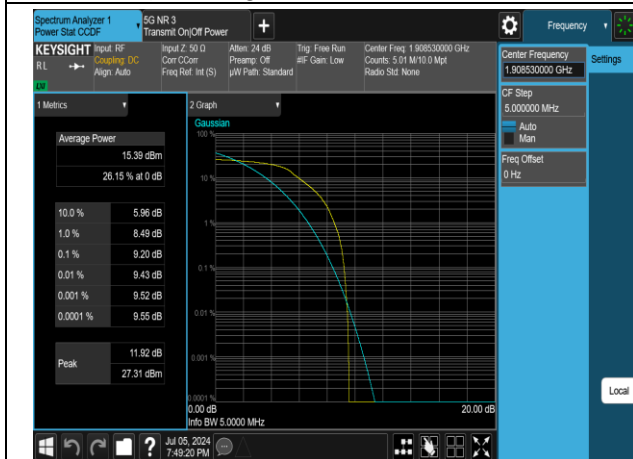
QPSK Middle channel-6 RB offset 0



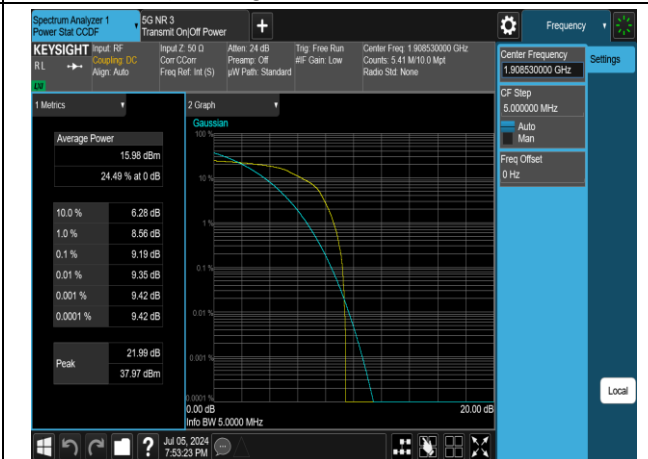
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

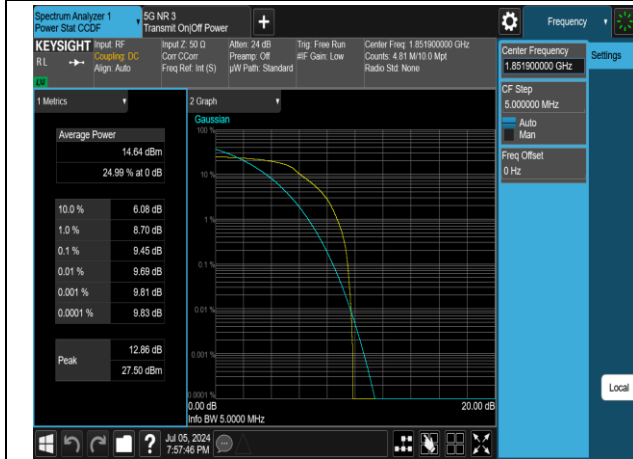


16QAM High channel-5 RB offset 0

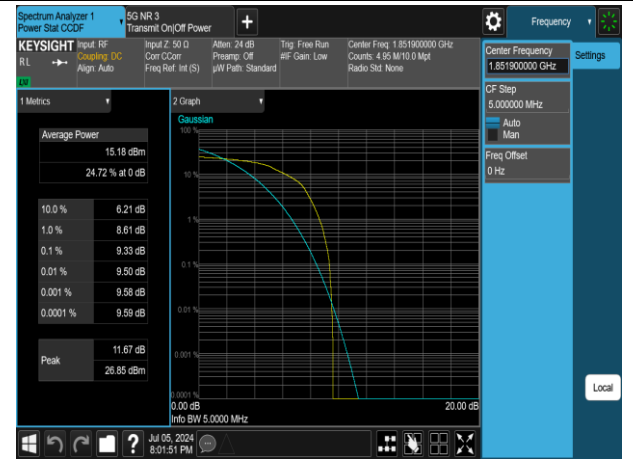


LTE FDD Band 2, Nominal Bandwidth: 20MHz

QPSK Low channel-6 RB offset 0



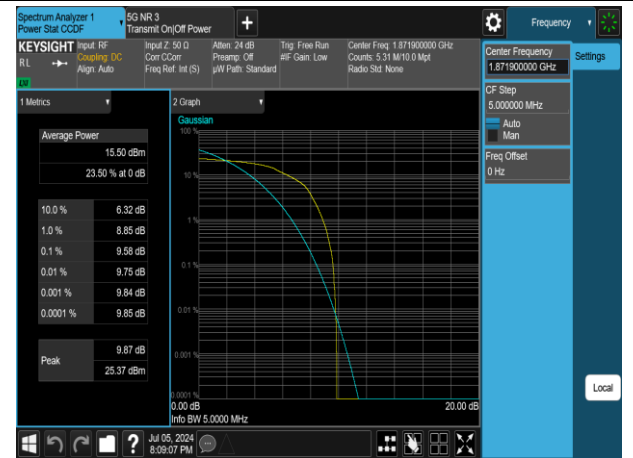
16QAM Low channel-5 RB offset 0



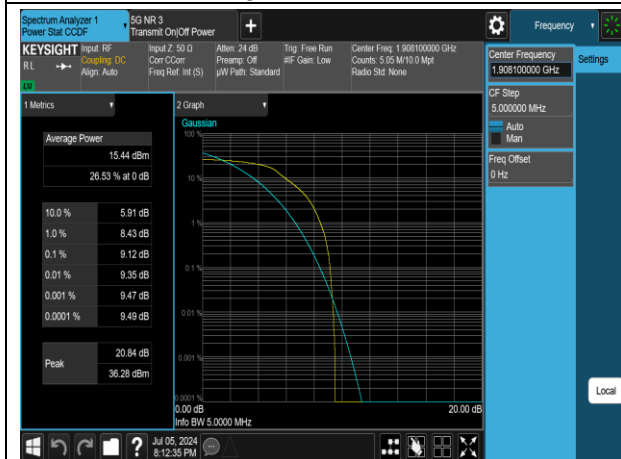
QPSK Middle channel-6 RB offset 0



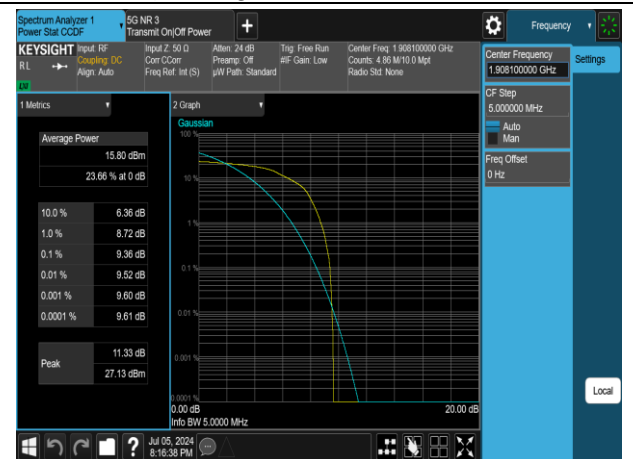
16QAM Middle channel-5 RB offset 0



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	9.83	13	Pass
	MCH	6	0	9.87	13	Pass
	HCH	6	0	9.79	13	Pass
16QAM	LCH	5	0	10.40	13	Pass
	MCH	5	0	10.76	13	Pass
	HCH	5	0	10.27	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	10.21	13	Pass
	MCH	6	0	9.90	13	Pass
	HCH	6	0	9.83	13	Pass
16QAM	LCH	5	0	10.61	13	Pass
	MCH	5	0	10.71	13	Pass
	HCH	5	0	10.63	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	9.83	13	Pass
	MCH	6	0	9.51	13	Pass
	HCH	6	0	9.62	13	Pass
16QAM	LCH	5	0	9.92	13	Pass
	MCH	5	0	9.89	13	Pass
	HCH	5	0	9.83	13	Pass

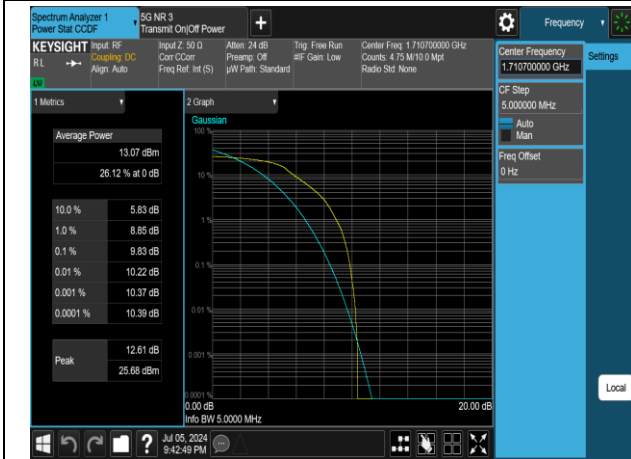
LTE FDD Band 4, Nominal Bandwidth: 10MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.76	13	Pass
	MCH	6	0	9.44	13	Pass
	HCH	6	0	9.60	13	Pass
16QAM	LCH	5	0	9.70	13	Pass
	MCH	5	0	9.18	13	Pass
	HCH	5	0	9.63	13	Pass

LTE FDD Band 4, Nominal Bandwidth: 15MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.14	13	Pass
	MCH	6	0	9.28	13	Pass
	HCH	6	0	8.79	13	Pass
16QAM	LCH	5	0	9.04	13	Pass
	MCH	5	0	8.88	13	Pass
	HCH	5	0	9.51	13	Pass

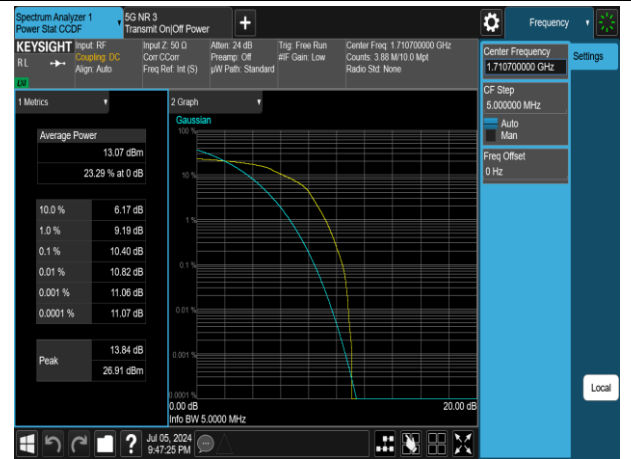
LTE FDD Band 4, Nominal Bandwidth: 20MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	8.83	13	Pass
	MCH	6	0	8.83	13	Pass
	HCH	6	0	8.82	13	Pass
16QAM	LCH	5	0	9.46	13	Pass
	MCH	5	0	9.51	13	Pass
	HCH	5	0	8.96	13	Pass

LTE FDD Band 4, Nominal Bandwidth: 1.4MHz

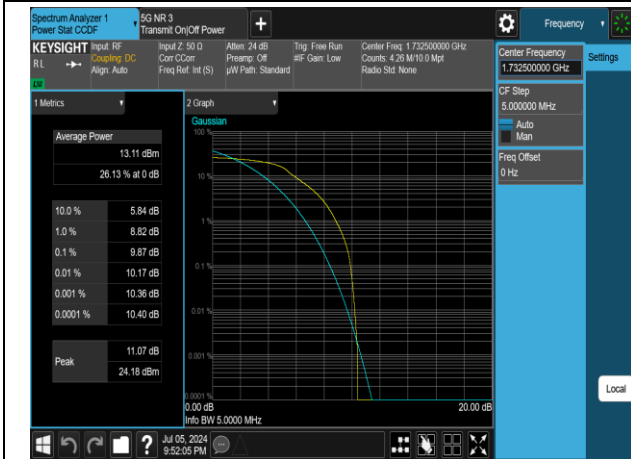
QPSK Low channel-6 RB offset 0



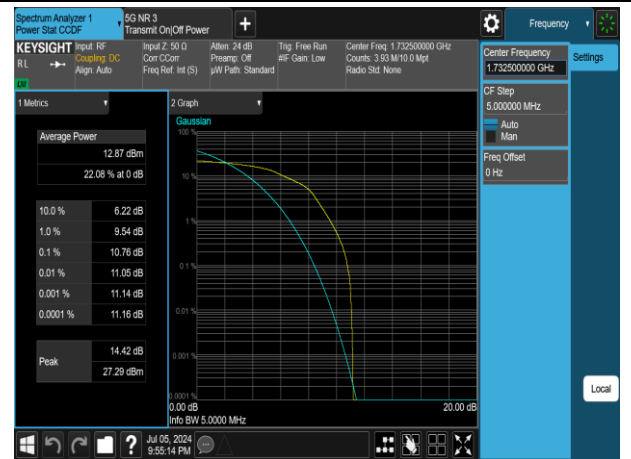
16QAM Low channel-5 RB offset 0



QPSK Middle channel-6 RB offset 0



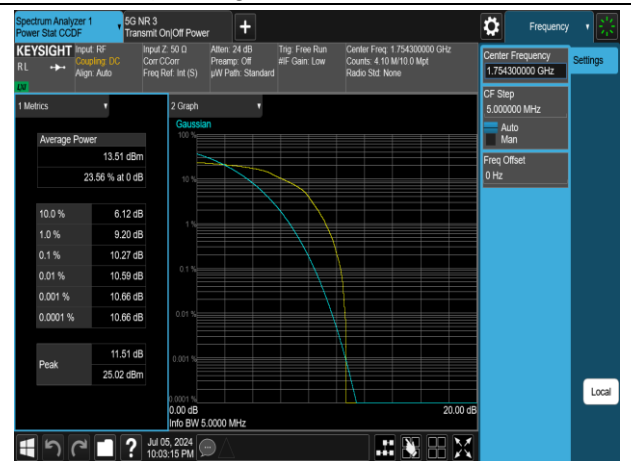
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

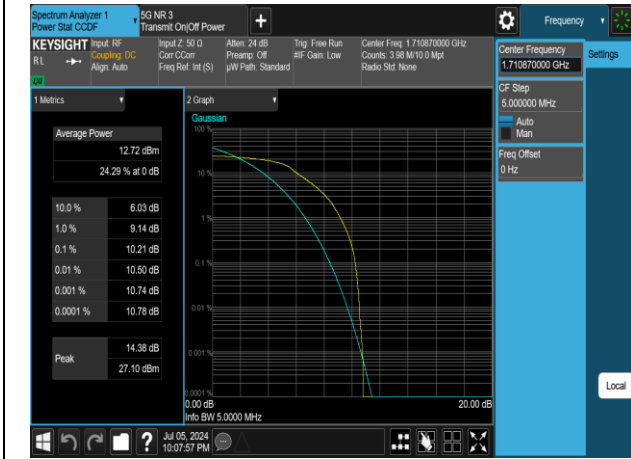


16QAM High channel-5 RB offset 0

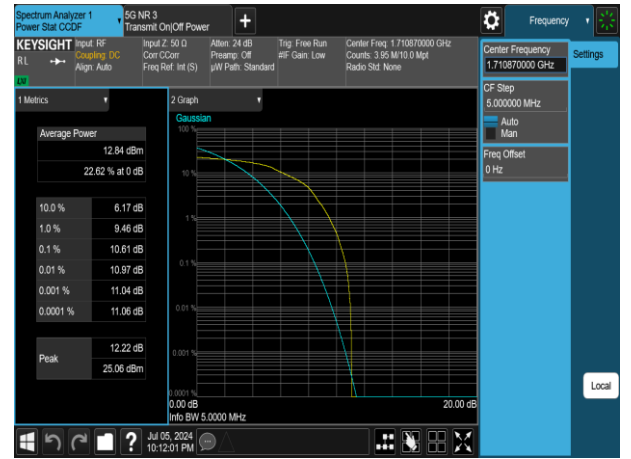


LTE FDD Band 4, Nominal Bandwidth: 3MHz

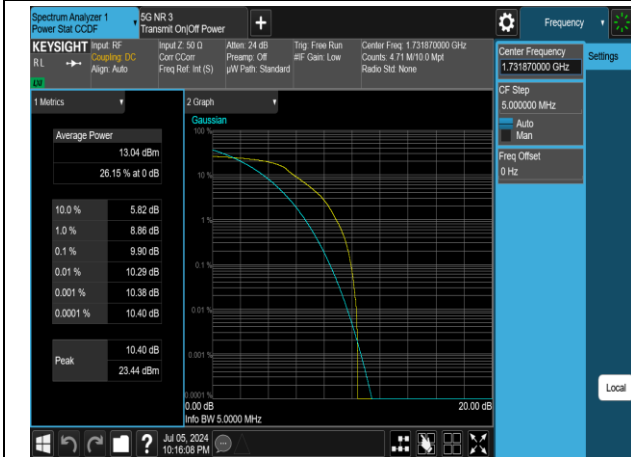
QPSK Low channel-6 RB offset 0



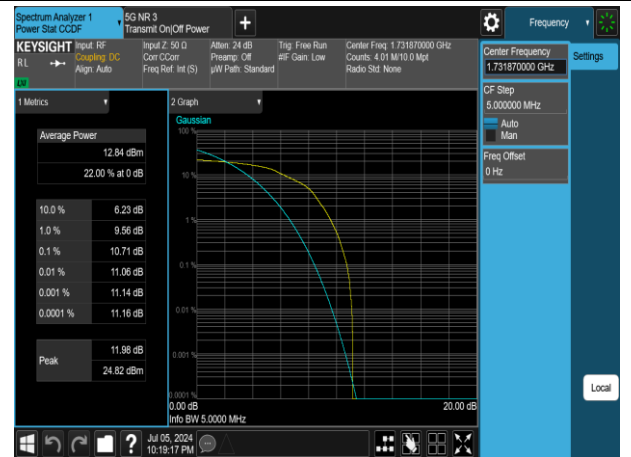
16QAM Low channel-5 RB offset 0



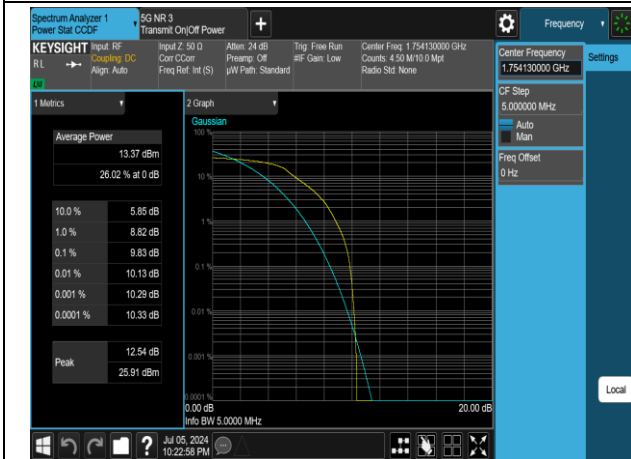
QPSK Middle channel-6 RB offset 0



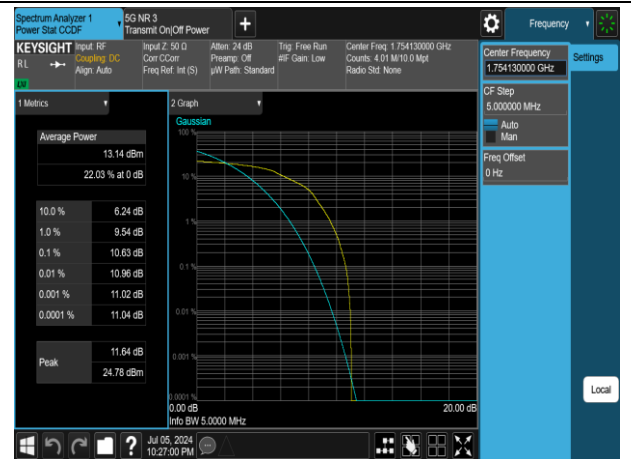
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

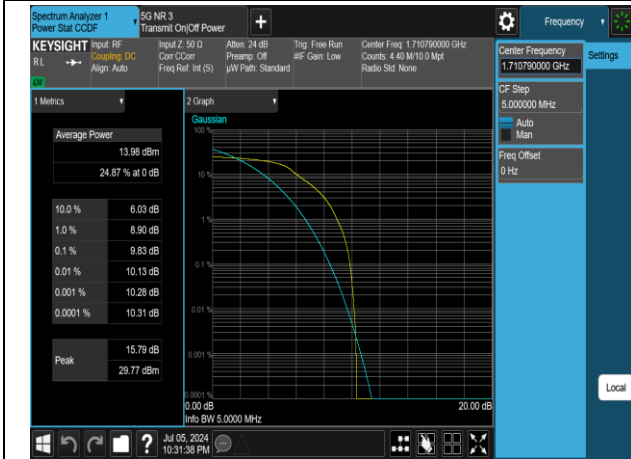


16QAM High channel-5 RB offset 0

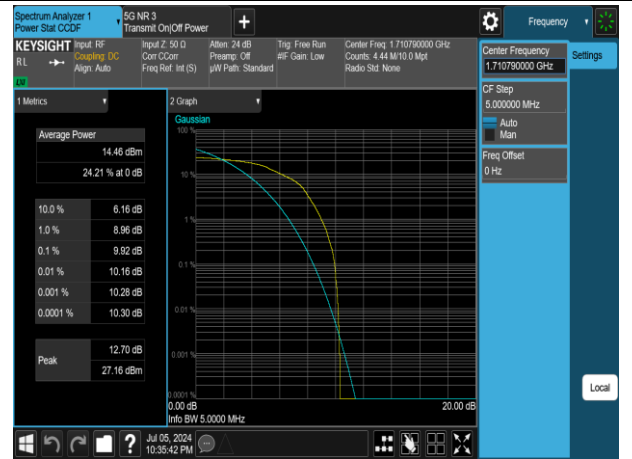


LTE FDD Band 4, Nominal Bandwidth: 5MHz

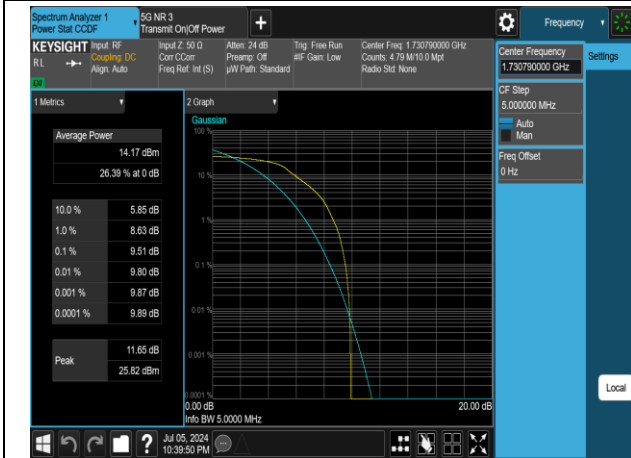
QPSK Low channel-6 RB offset 0



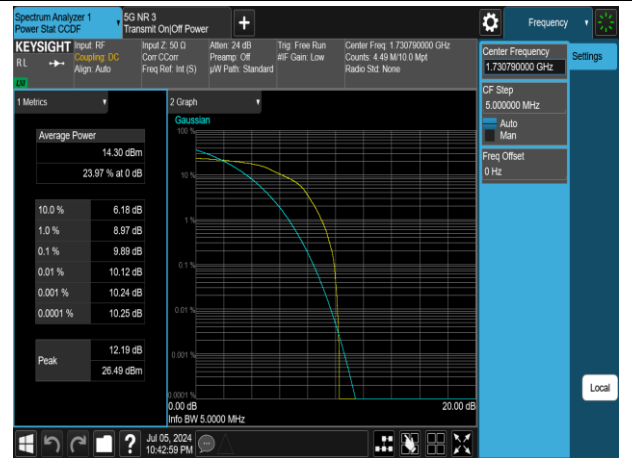
16QAM Low channel-5 RB offset 0



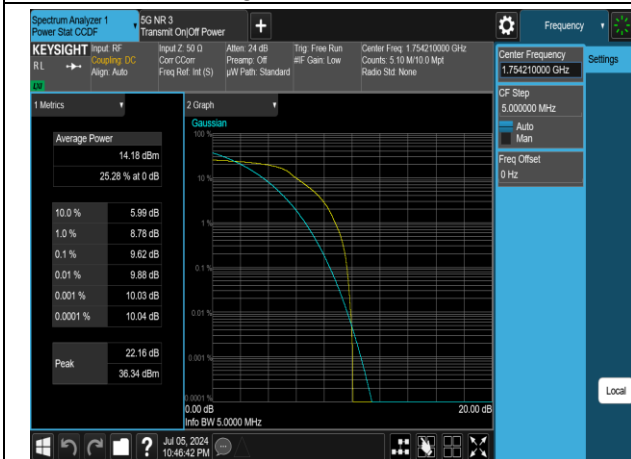
QPSK Middle channel-6 RB offset 0



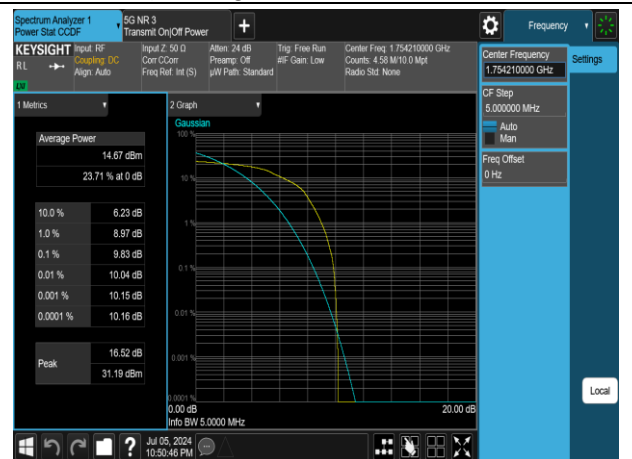
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

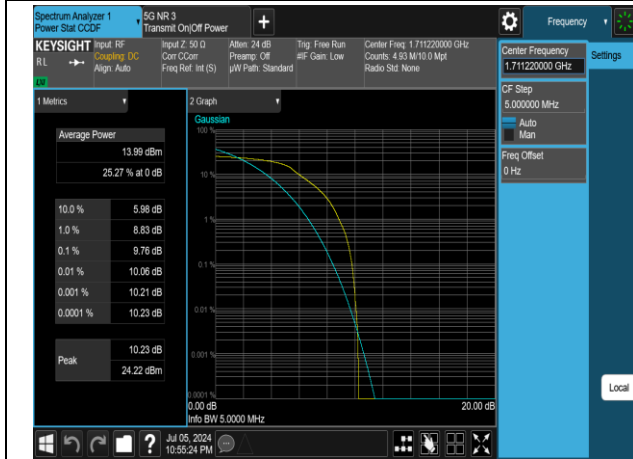


16QAM High channel-5 RB offset 0

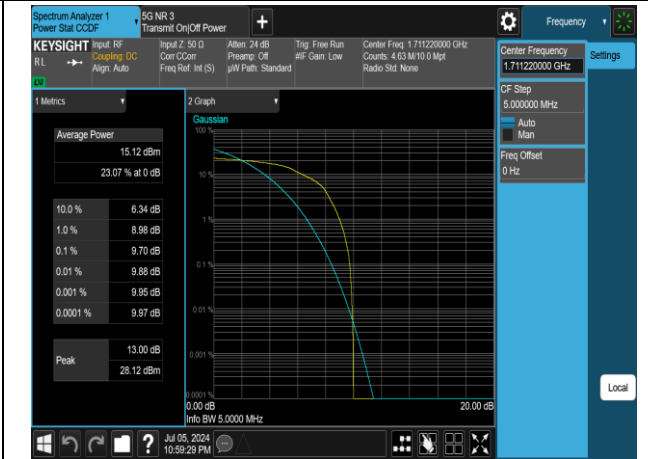


LTE FDD Band 4, Nominal Bandwidth: 10MHz

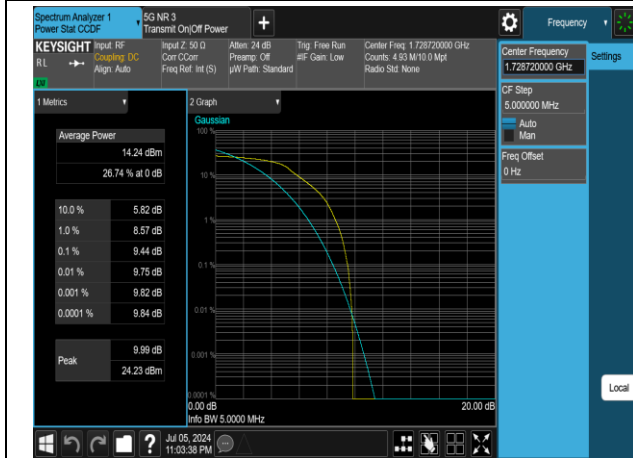
QPSK Low channel-6 RB offset 0



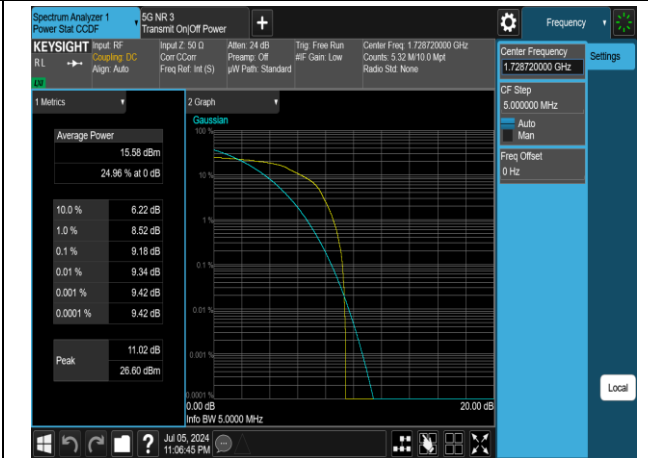
16QAM Low channel-5 RB offset 0



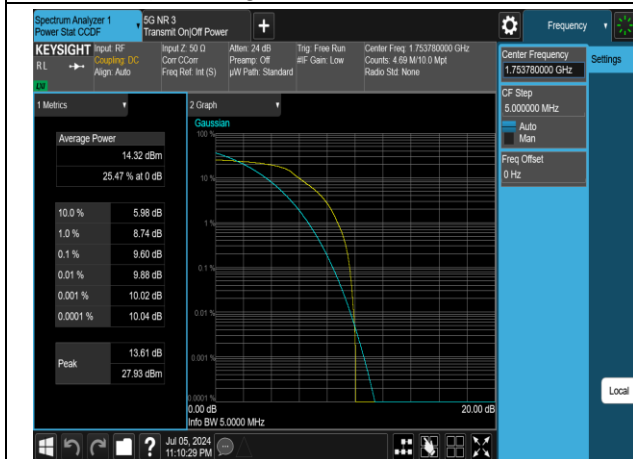
QPSK Middle channel-6 RB offset 0



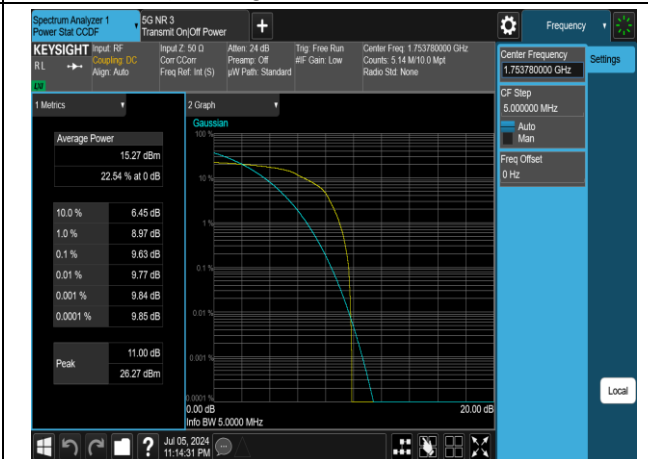
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

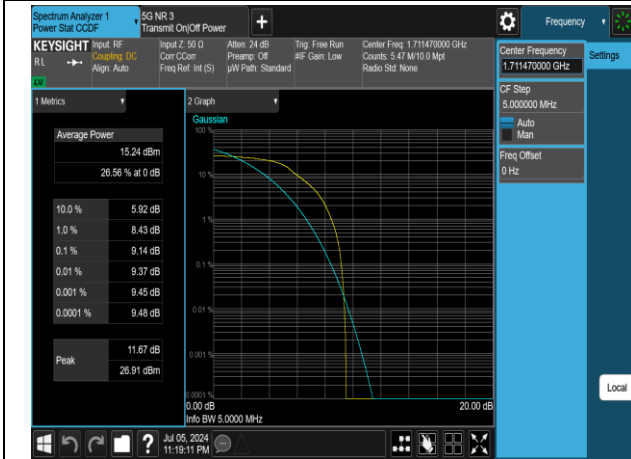


16QAM High channel-5 RB offset 0

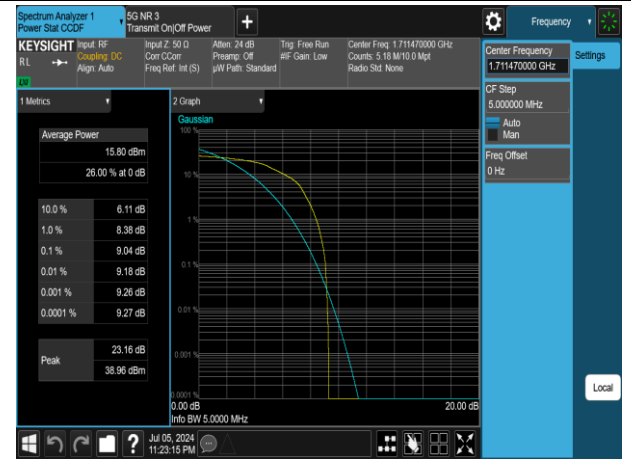


LTE FDD Band 4, Nominal Bandwidth: 15MHz

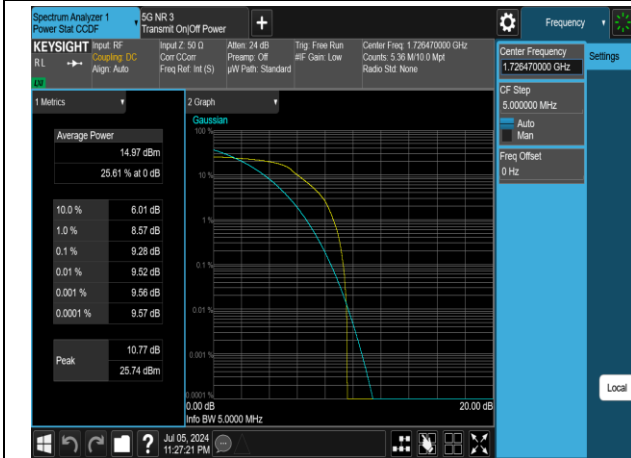
QPSK Low channel-6 RB offset 0



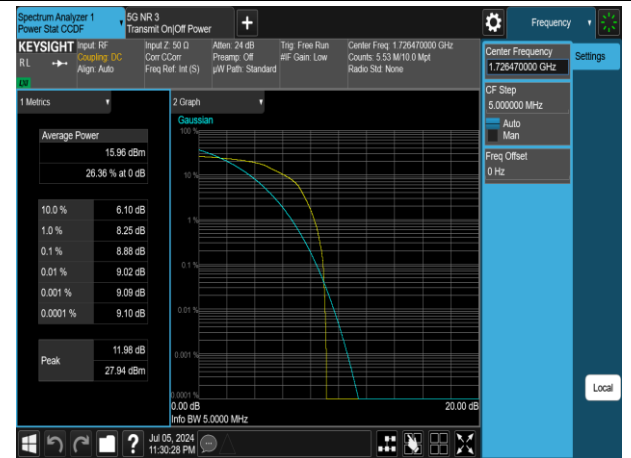
16QAM Low channel-5 RB offset 0



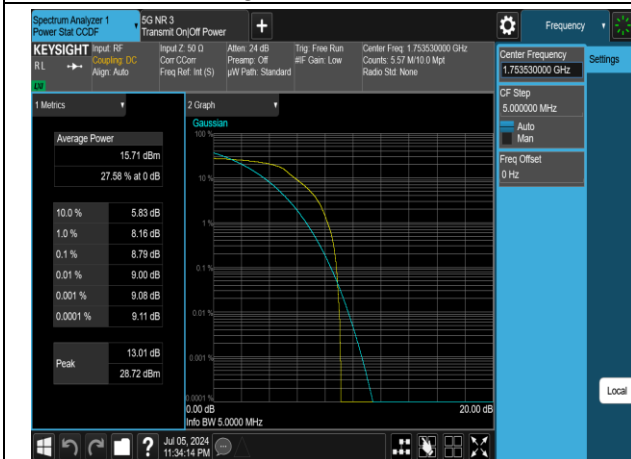
QPSK Middle channel-6 RB offset 0



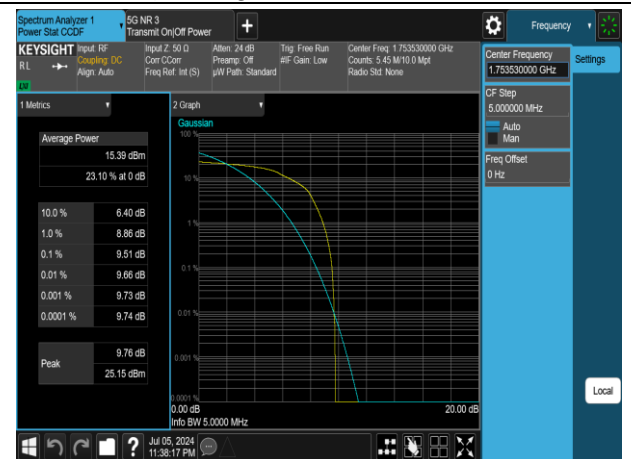
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

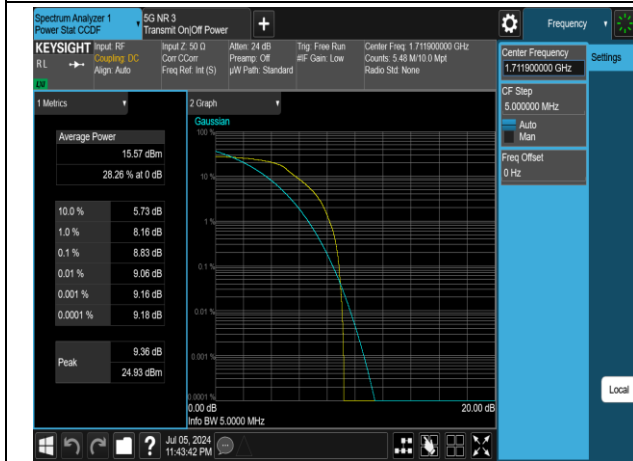


16QAM High channel-5 RB offset 0

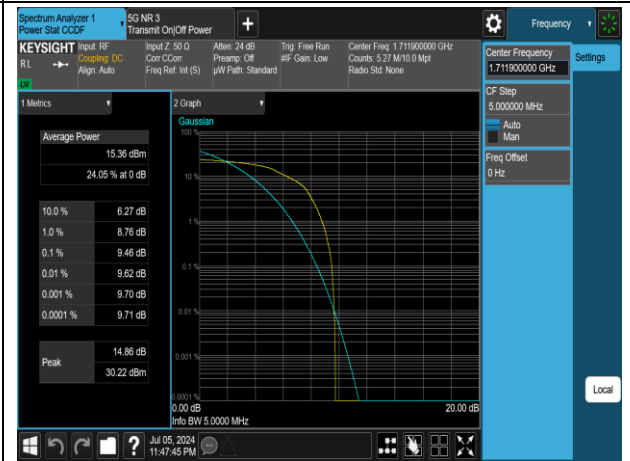


LTE FDD Band 4, Nominal Bandwidth: 20MHz

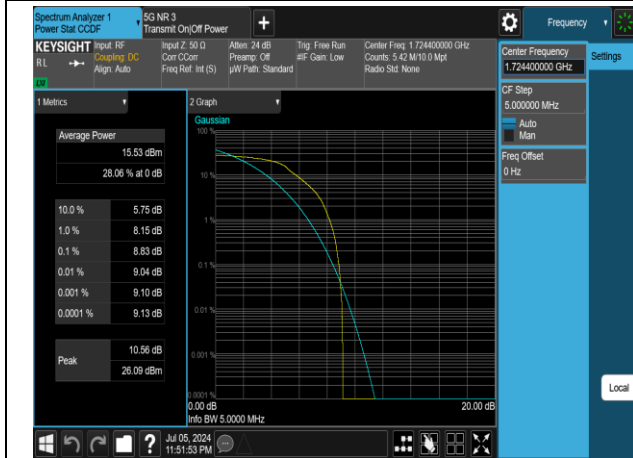
QPSK Low channel-6 RB offset 0



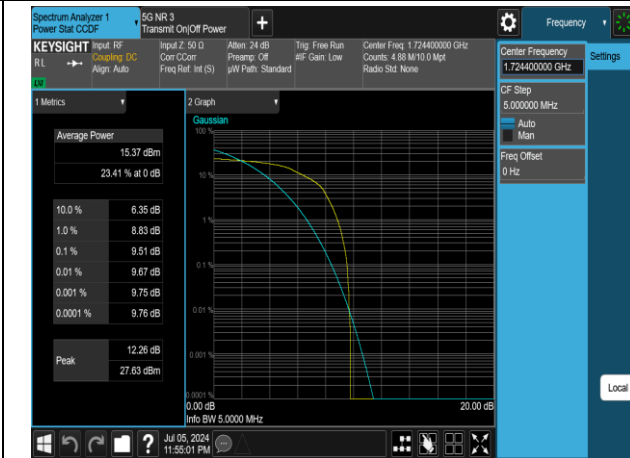
16QAM Low channel-5 RB offset 0



QPSK Middle channel-6 RB offset 0



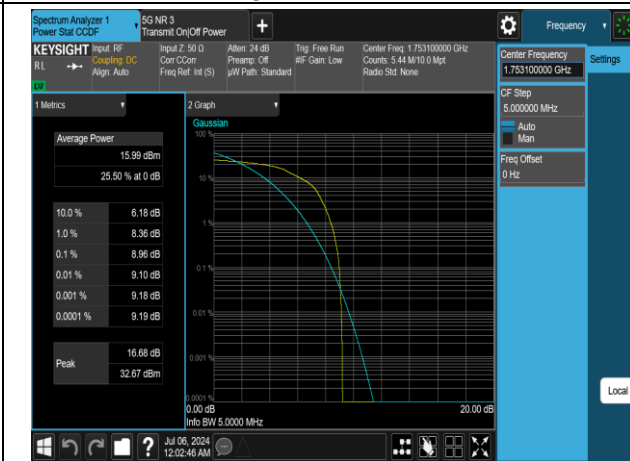
16QAM Middle channel-5 RB offset 0



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	9.81	13	Pass
	MCH	6	0	9.84	13	Pass
	HCH	6	0	10.04	13	Pass
16QAM	LCH	5	0	10.34	13	Pass
	MCH	5	0	10.20	13	Pass
	HCH	5	0	10.29	13	Pass

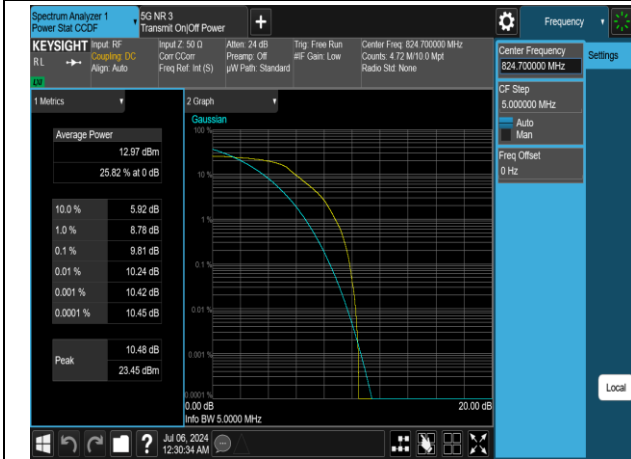
LTE FDD Band 5, Nominal Bandwidth: 3MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	10.13	13	Pass
	MCH	6	0	9.88	13	Pass
	HCH	6	0	10.05	13	Pass
16QAM	LCH	5	0	10.54	13	Pass
	MCH	5	0	10.25	13	Pass
	HCH	5	0	10.28	13	Pass

LTE FDD Band 5, Nominal Bandwidth: 5MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.49	13	Pass
	MCH	6	0	9.72	13	Pass
	HCH	6	0	9.74	13	Pass
16QAM	LCH	5	0	9.89	13	Pass
	MCH	5	0	9.94	13	Pass
	HCH	5	0	9.83	13	Pass

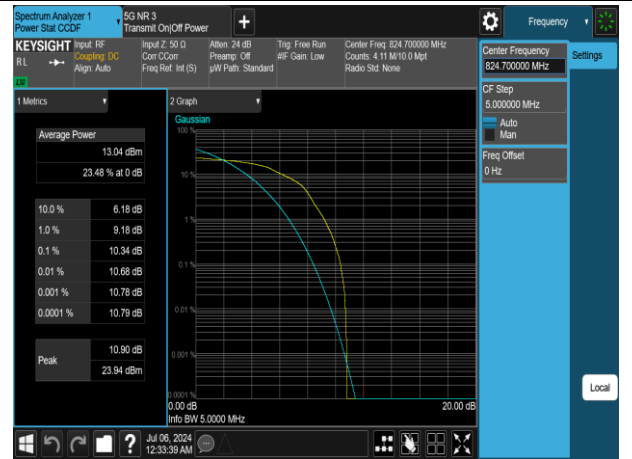
LTE FDD Band 5, Nominal Bandwidth: 10MHz						
Modulation	Channel	RB Configuration		Test result (dB)	Limit (dB)	Verdict
		Size	Offset			
QPSK	LCH	6	0	9.61	13	Pass
	MCH	6	0	9.07	13	Pass
	HCH	6	0	9.33	13	Pass
16QAM	LCH	5	0	8.92	13	Pass
	MCH	5	0	8.92	13	Pass
	HCH	5	0	9.04	13	Pass

LTE FDD Band 5, Nominal Bandwidth: 1.4MHz

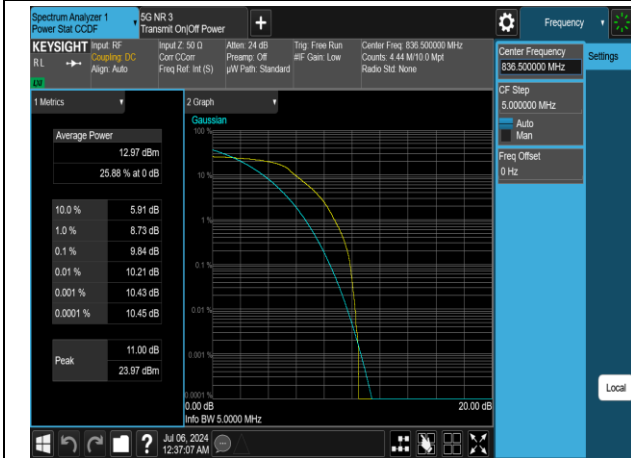
QPSK Low channel-6 RB offset 0



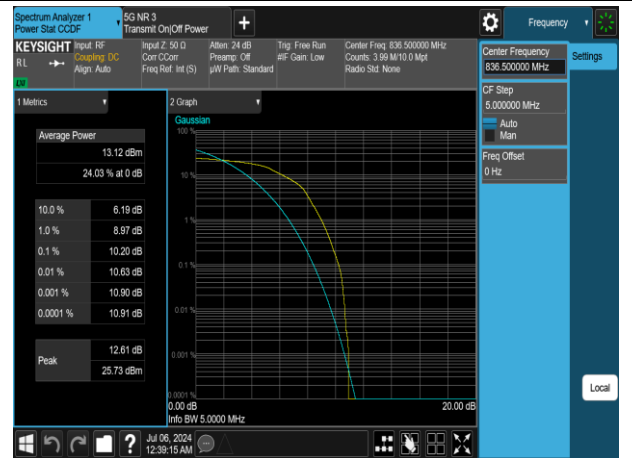
16QAM Low channel-5 RB offset 0



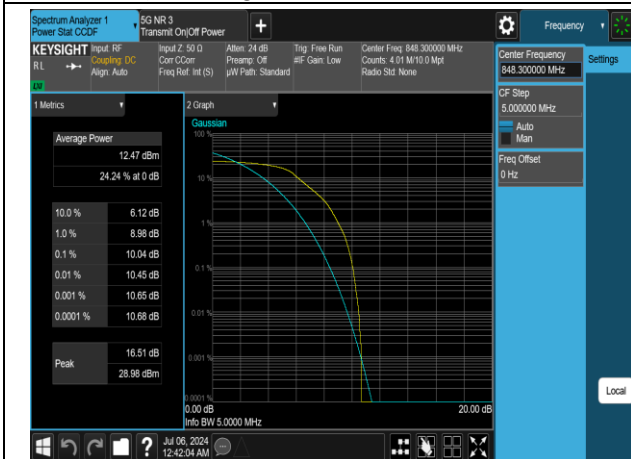
QPSK Middle channel-6 RB offset 0



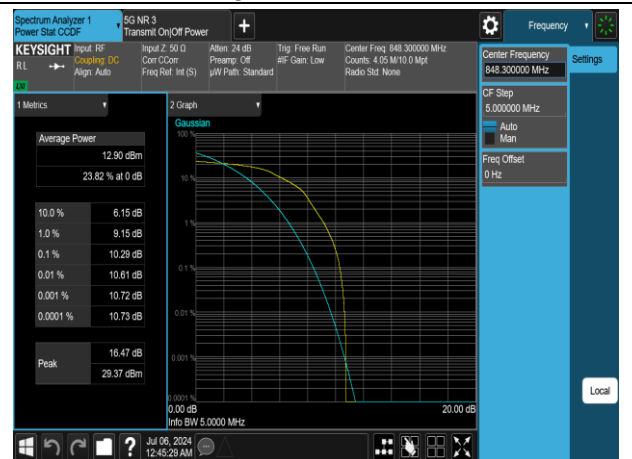
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

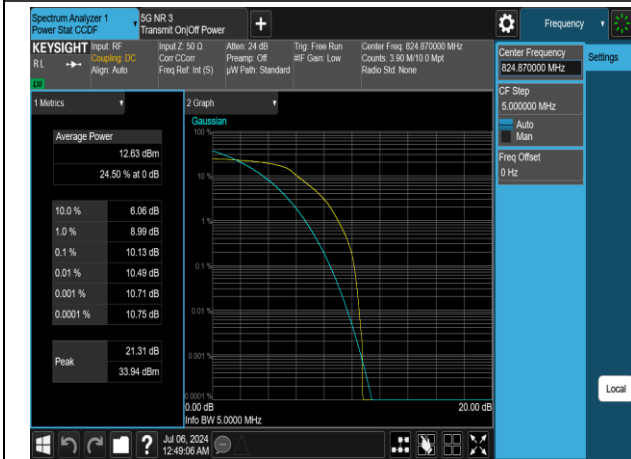


16QAM High channel-5 RB offset 0

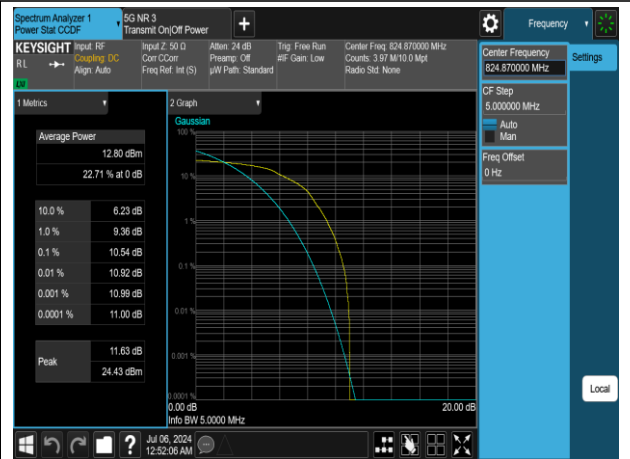


LTE FDD Band 5, Nominal Bandwidth: 3MHz

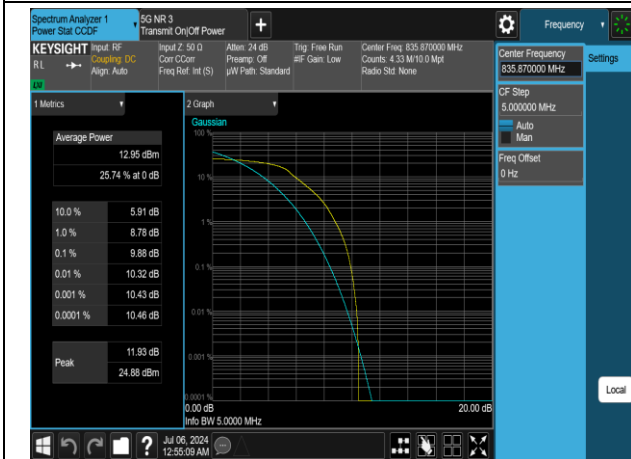
QPSK Low channel-6 RB offset 0



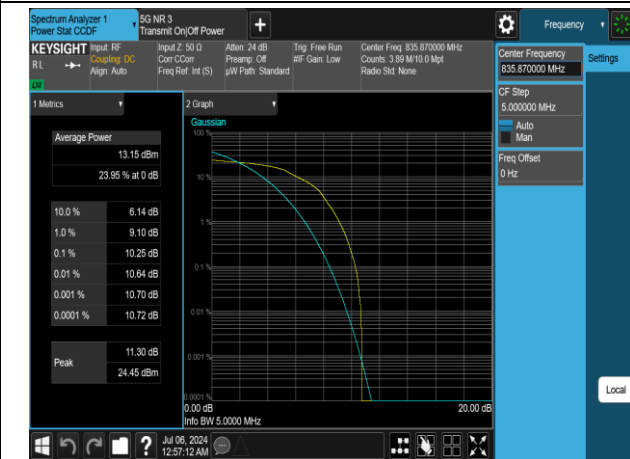
16QAM Low channel-5 RB offset 0



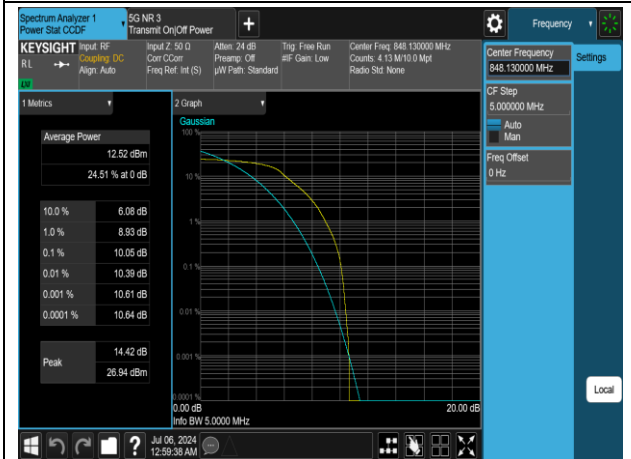
QPSK Middle channel-6 RB offset 0



16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0



16QAM High channel-5 RB offset 0

