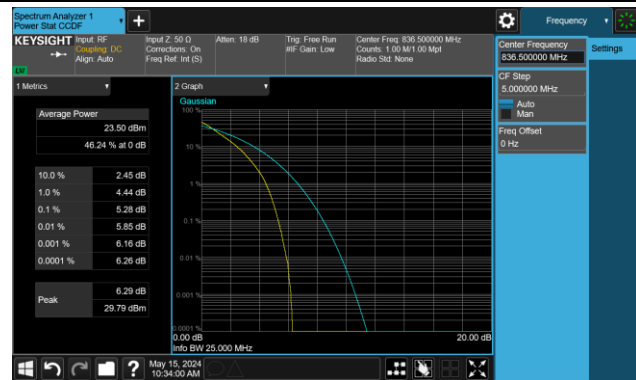
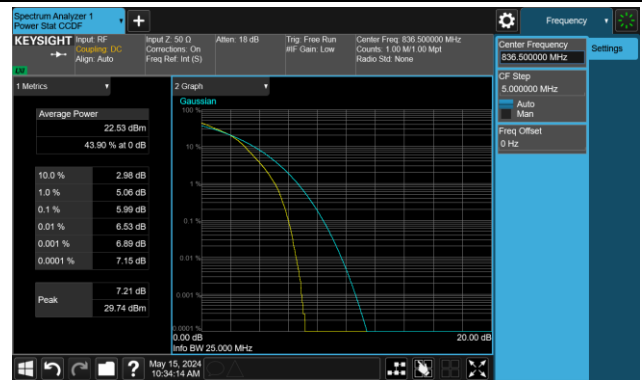


15MHz Channel Bandwidth – Middle Channel

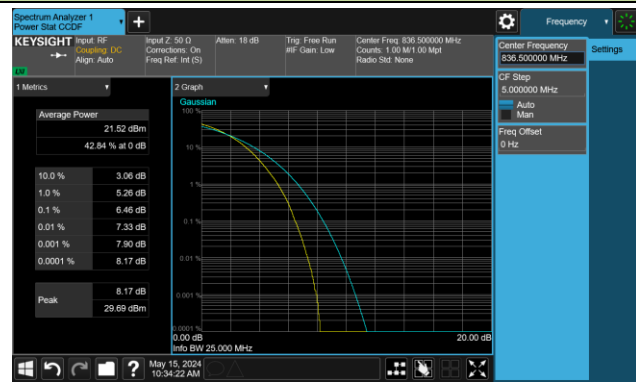
QPSK



16QAM



64QAM

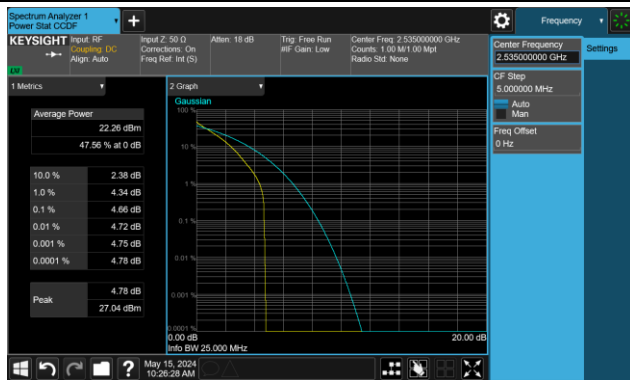


Test Site	SIP-SR1	Test Engineer	Yoniter Yang
Test Date	2024-05-15	Test Band	Band 7

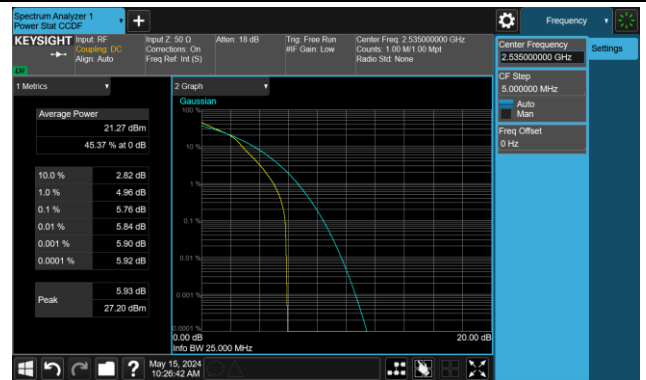
Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
2535.0	5	4.66	≤ 13.00	Pass
	10	5.03	≤ 13.00	Pass
	15	4.96	≤ 13.00	Pass
	20	4.95	≤ 13.00	Pass
16QAM				
2535.0	5	5.76	≤ 13.00	Pass
	10	5.89	≤ 13.00	Pass
	15	5.89	≤ 13.00	Pass
	20	5.87	≤ 13.00	Pass
64QAM				
2535.0	5	6.53	≤ 13.00	Pass
	10	6.48	≤ 13.00	Pass
	15	6.47	≤ 13.00	Pass
	20	6.51	≤ 13.00	Pass

5MHz Channel Bandwidth – Middle Channel

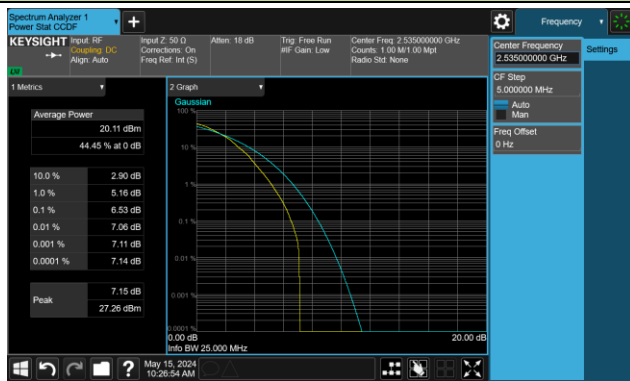
QPSK



16QAM

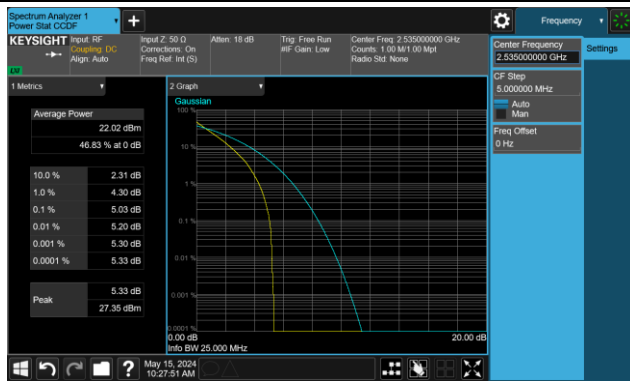


64QAM



10MHz Channel Bandwidth – Middle Channel

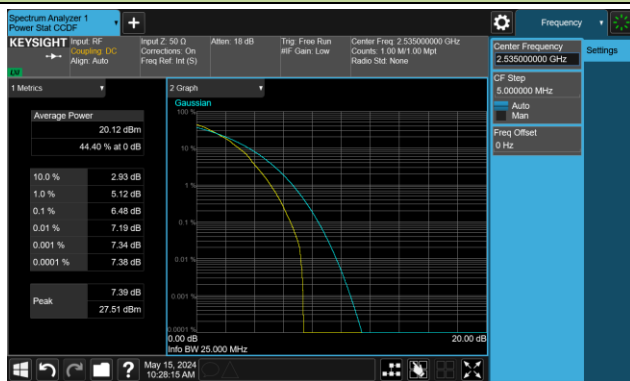
QPSK



16QAM

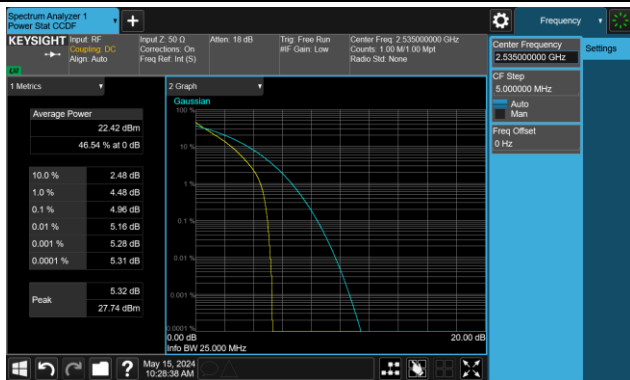


64QAM

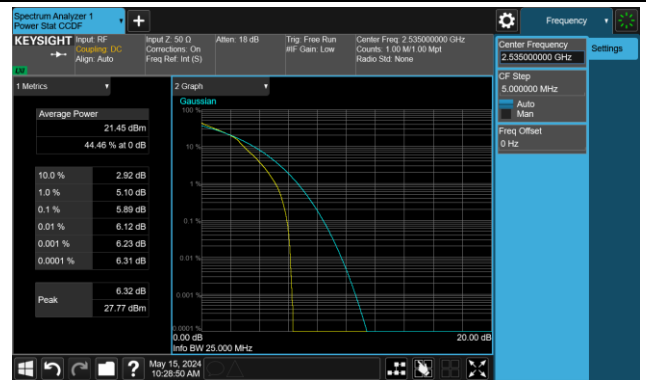


15MHz Channel Bandwidth – Middle Channel

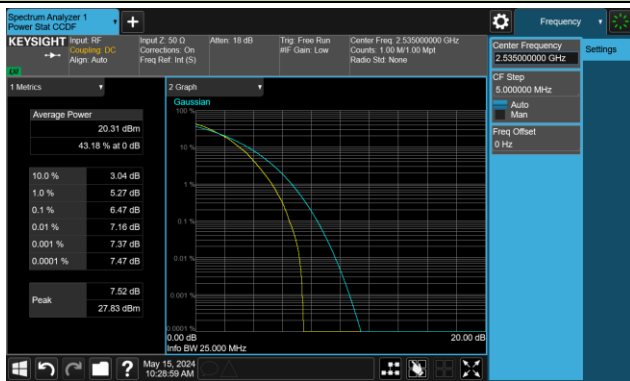
QPSK



16QAM

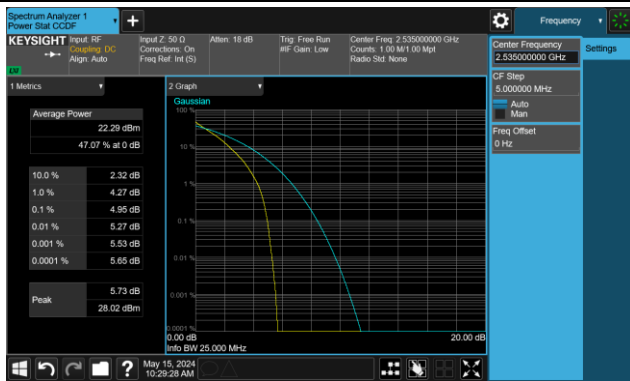


64QAM

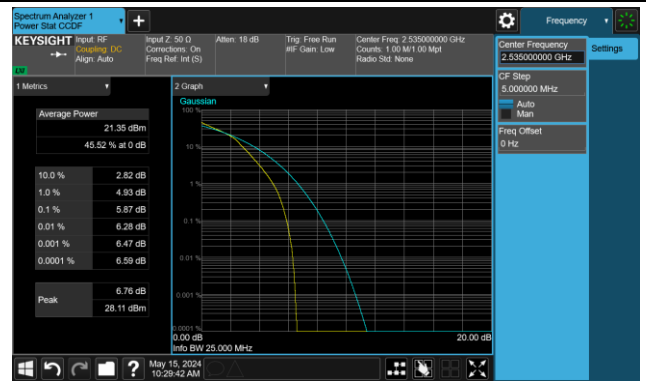


20MHz Channel Bandwidth – Middle Channel

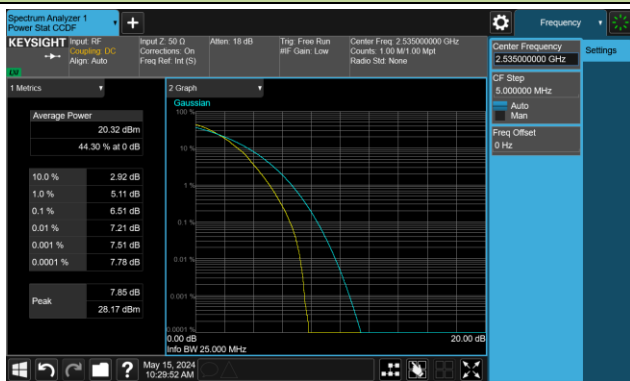
QPSK



16QAM



64QAM

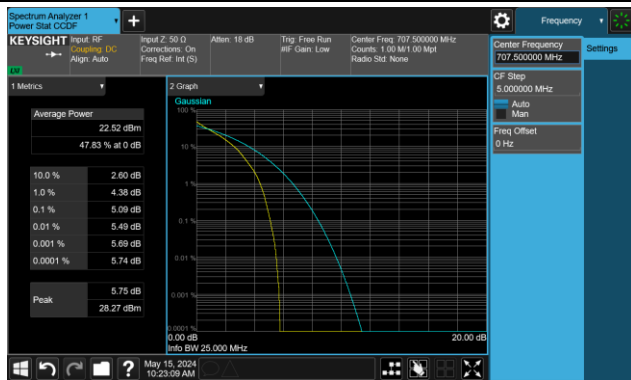


Test Site	SIP-SR1	Test Engineer	Yoniter Yang
Test Date	2024-05-15	Test Band	Band 12

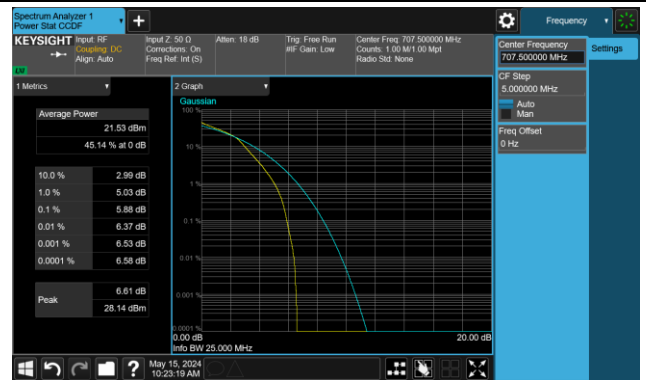
Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
707.5	1.4	5.09	≤ 13.00	Pass
	3	5.11	≤ 13.00	Pass
	5	5.18	≤ 13.00	Pass
	10	5.00	≤ 13.00	Pass
16QAM				
707.5	1.4	5.88	≤ 13.00	Pass
	3	5.95	≤ 13.00	Pass
	5	6.00	≤ 13.00	Pass
	10	5.90	≤ 13.00	Pass
64QAM				
707.5	1.4	6.59	≤ 13.00	Pass
	3	6.57	≤ 13.00	Pass
	5	6.52	≤ 13.00	Pass
	10	6.45	≤ 13.00	Pass

1.4MHz Channel Bandwidth – Middle Channel

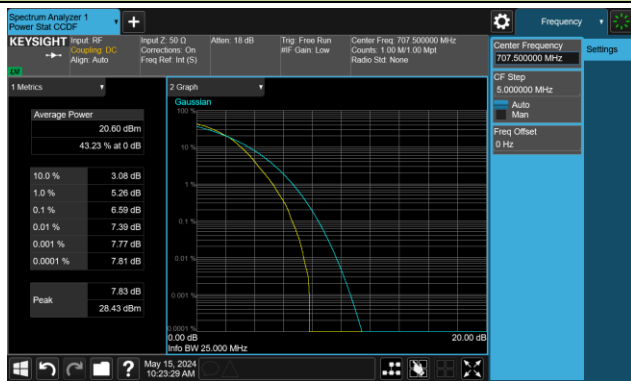
QPSK



16QAM

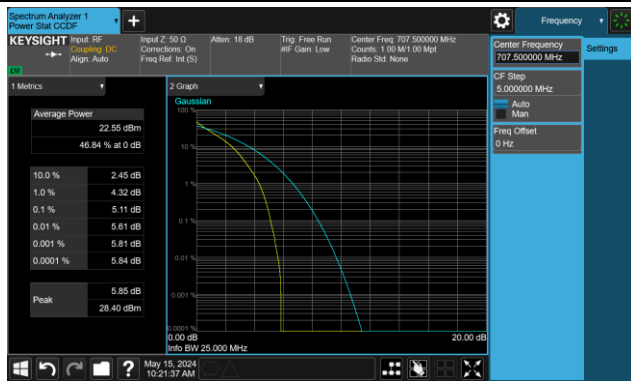


64QAM

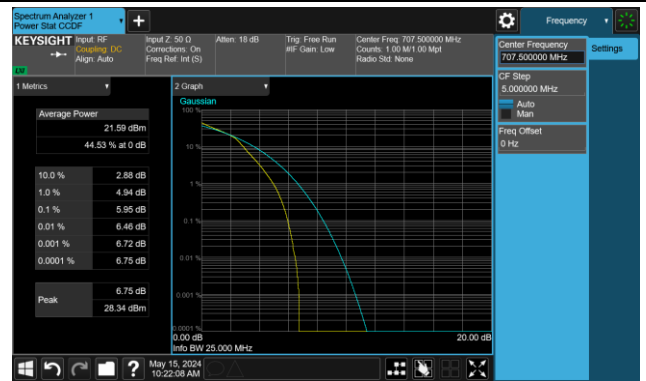


3MHz Channel Bandwidth – Middle Channel

QPSK



16QAM

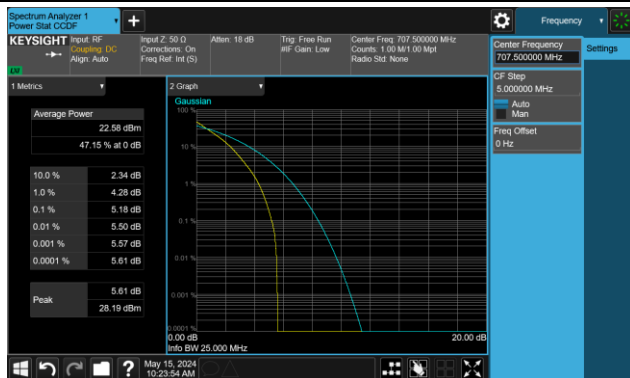


64QAM

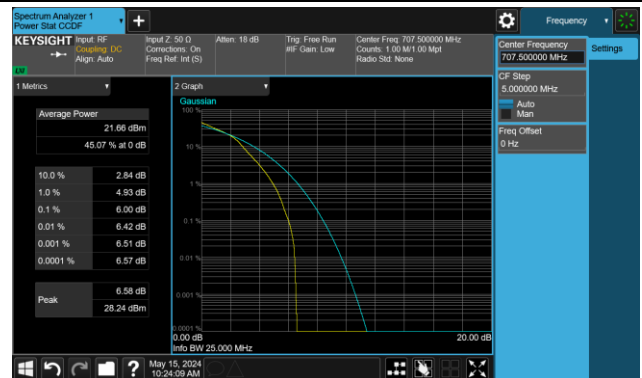


5MHz Channel Bandwidth – Middle Channel

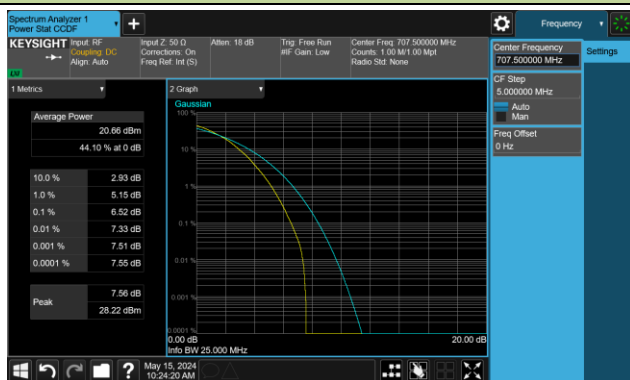
QPSK



16QAM

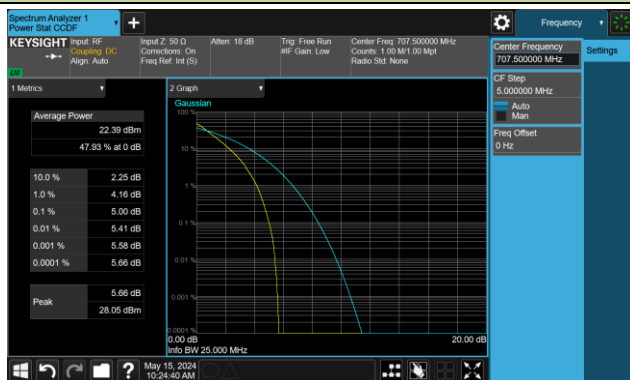


64QAM



10MHz Channel Bandwidth – Middle Channel

QPSK



16QAM



64QAM

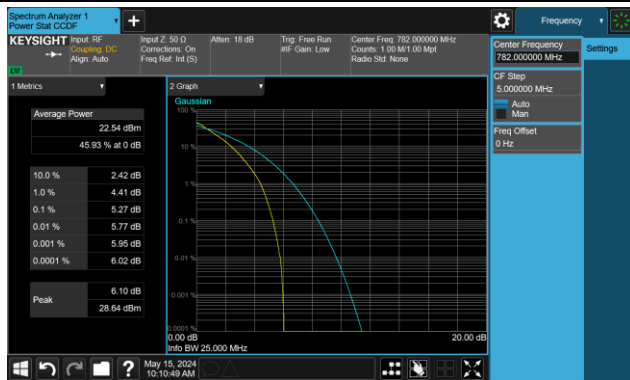


Test Site	SIP-SR1	Test Engineer	Yoniter Yang
Test Date	2024-05-15	Test Band	Band 13

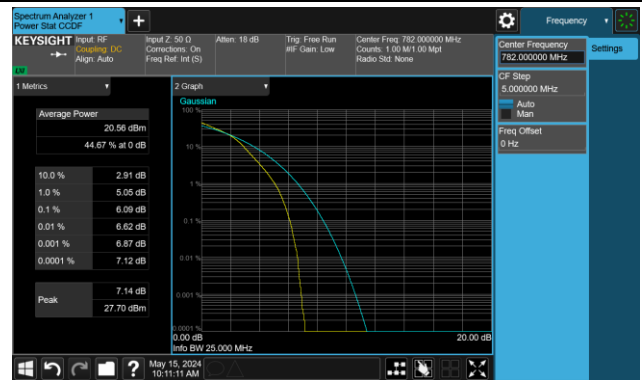
Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
782.0	5	5.27	≤ 13.00	Pass
	10	5.37	≤ 13.00	Pass
16QAM				
782.0	5	6.09	≤ 13.00	Pass
	10	6.15	≤ 13.00	Pass
64QAM				
782.0	5	6.64	≤ 13.00	Pass
	10	6.65	≤ 13.00	Pass

5MHz Channel Bandwidth – Middle Channel

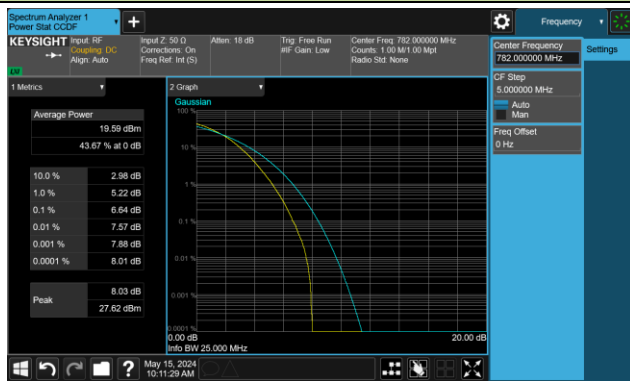
QPSK



16QAM

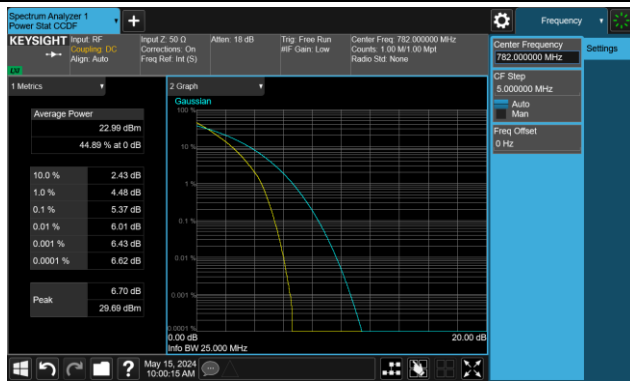


64QAM

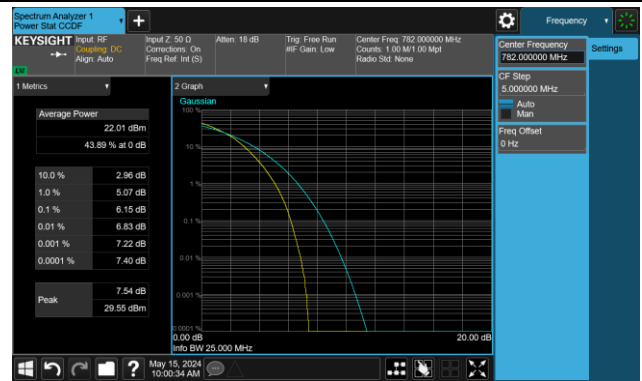


10MHz Channel Bandwidth – Middle Channel

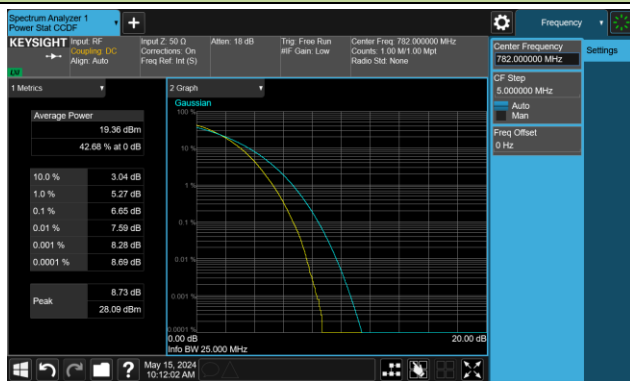
QPSK



16QAM



64QAM

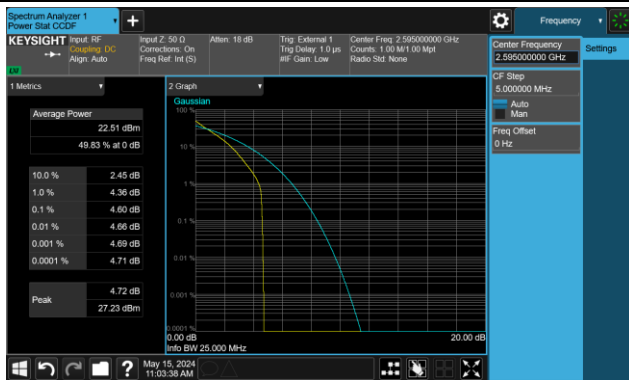


Test Site	SIP-SR1	Test Engineer	Yoniter Yang
Test Date	2024-05-15	Test Band	Band 38

Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
2595.0	5	4.60	≤ 13.00	Pass
	10	4.84	≤ 13.00	Pass
	15	6.70	≤ 13.00	Pass
	20	7.09	≤ 13.00	Pass
16QAM				
2595.0	5	6.09	≤ 13.00	Pass
	10	5.94	≤ 13.00	Pass
	15	8.04	≤ 13.00	Pass
	20	7.90	≤ 13.00	Pass
64QAM				
2595.0	5	6.71	≤ 13.00	Pass
	10	6.43	≤ 13.00	Pass
	15	8.28	≤ 13.00	Pass
	20	8.22	≤ 13.00	Pass

5MHz Channel Bandwidth – Middle Channel

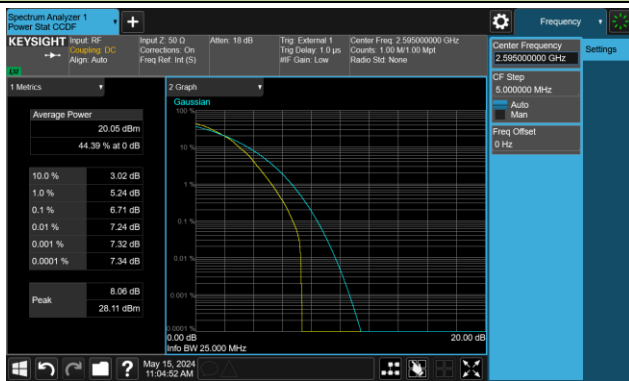
QPSK



16QAM

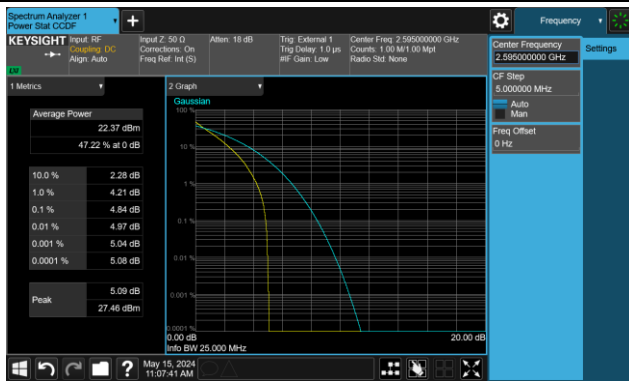


64QAM

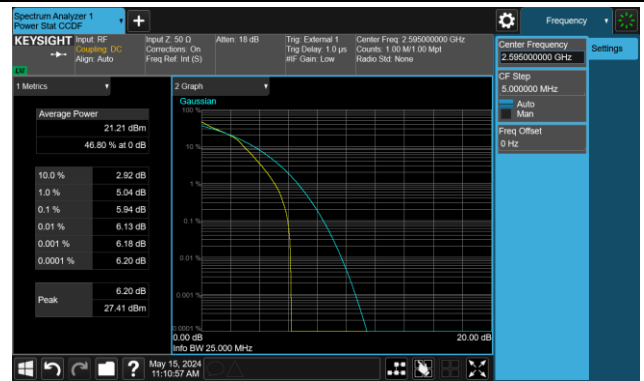


10MHz Channel Bandwidth – Middle Channel

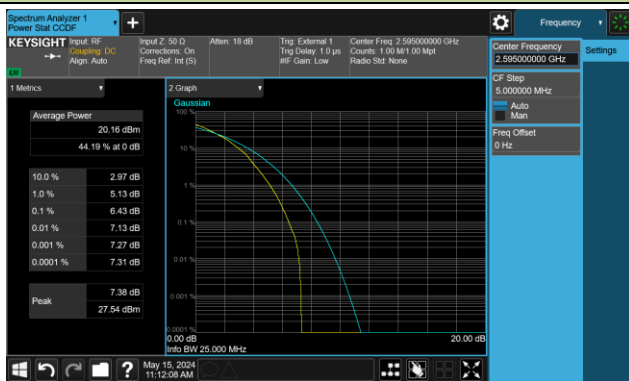
QPSK



16QAM

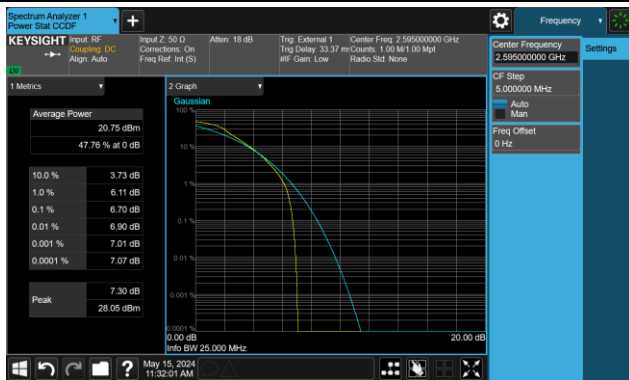


64QAM

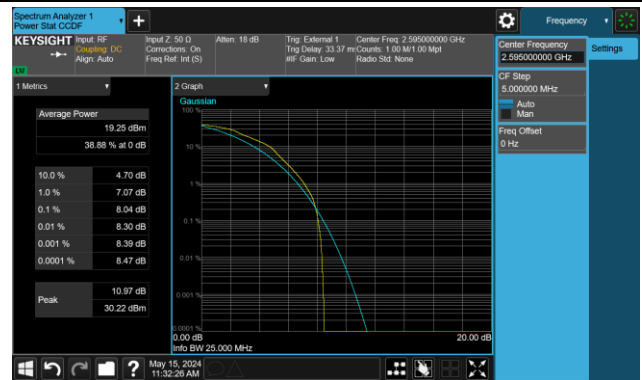


15MHz Channel Bandwidth – Middle Channel

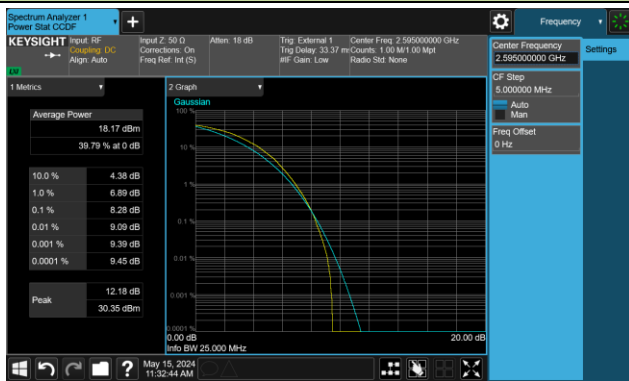
QPSK



16QAM

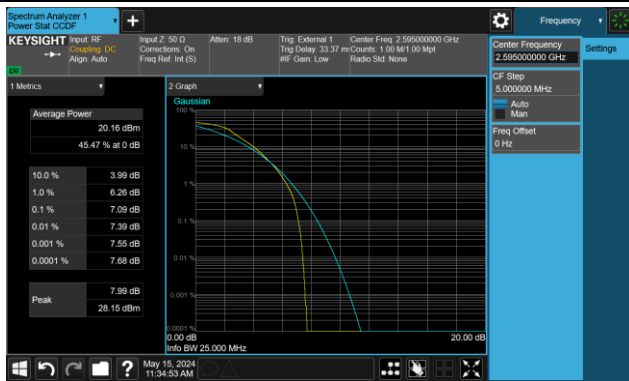


64QAM

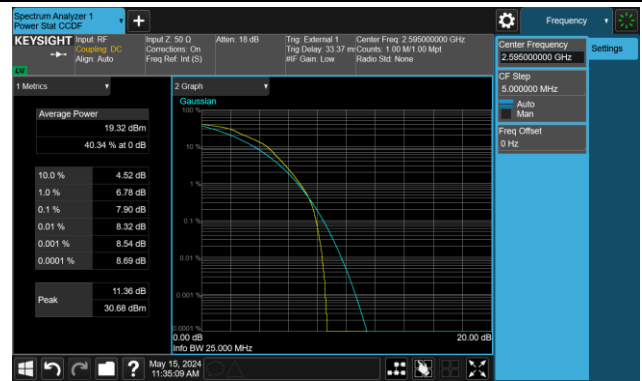


20MHz Channel Bandwidth – Middle Channel

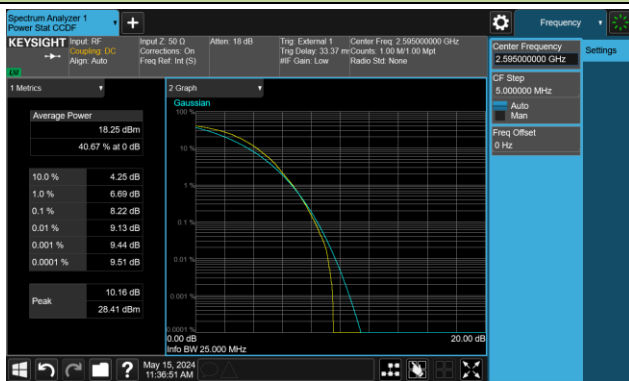
QPSK



16QAM



64QAM

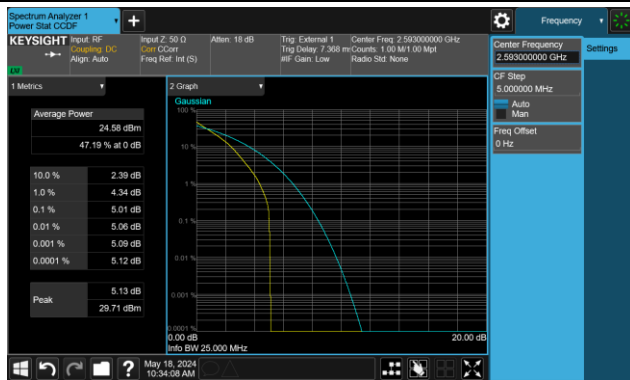


Test Site	SIP-SR1	Test Engineer	Yoniter Yang
Test Date	2024-05-18	Test Band	Band 41_HPUE

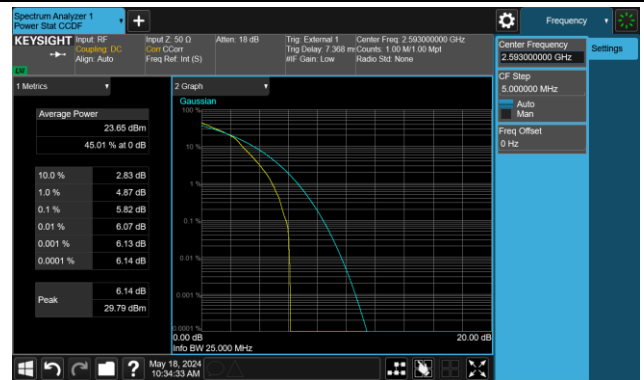
Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
2593.0	5	5.01	≤ 13.00	Pass
	10	5.20	≤ 13.00	Pass
	15	6.03	≤ 13.00	Pass
	20	6.13	≤ 13.00	Pass
16QAM				
2593.0	5	5.82	≤ 13.00	Pass
	10	5.91	≤ 13.00	Pass
	15	7.23	≤ 13.00	Pass
	20	7.35	≤ 13.00	Pass
64QAM				
2593.0	5	6.88	≤ 13.00	Pass
	10	6.45	≤ 13.00	Pass
	15	7.45	≤ 13.00	Pass
	20	7.17	≤ 13.00	Pass

5MHz Channel Bandwidth – Middle Channel

QPSK



16QAM



64QAM

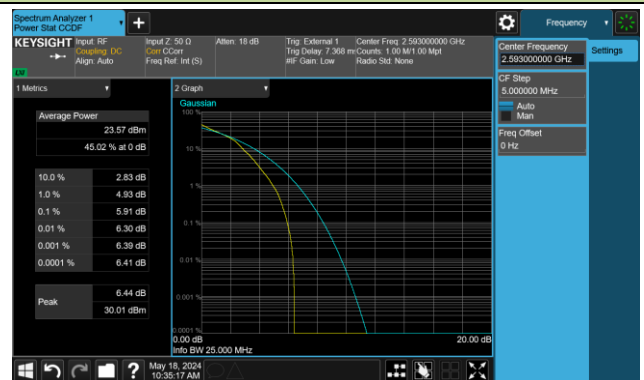


10MHz Channel Bandwidth – Middle Channel

QPSK



16QAM

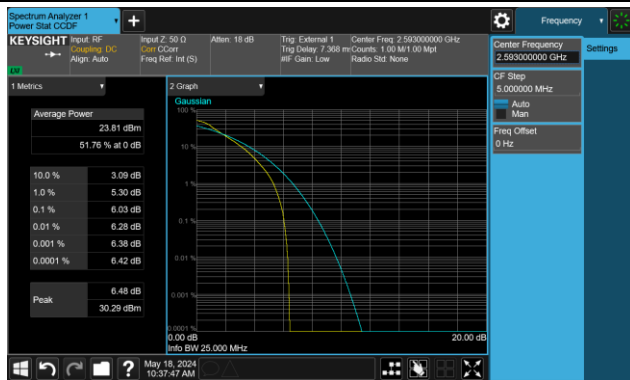


64QAM

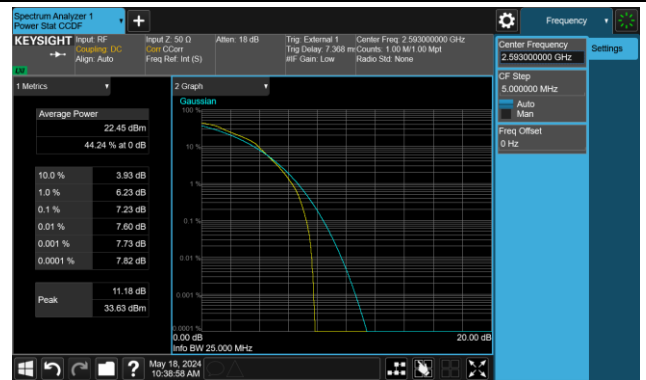


15MHz Channel Bandwidth – Middle Channel

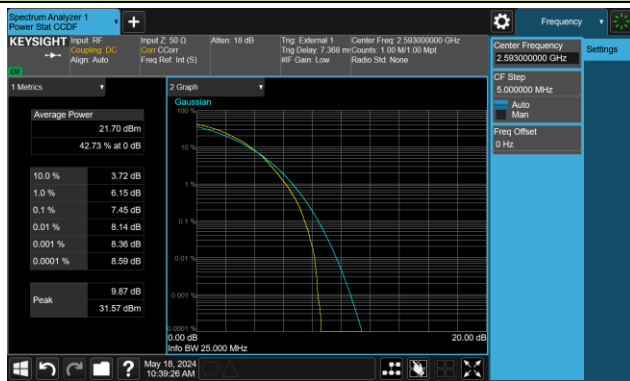
QPSK



16QAM

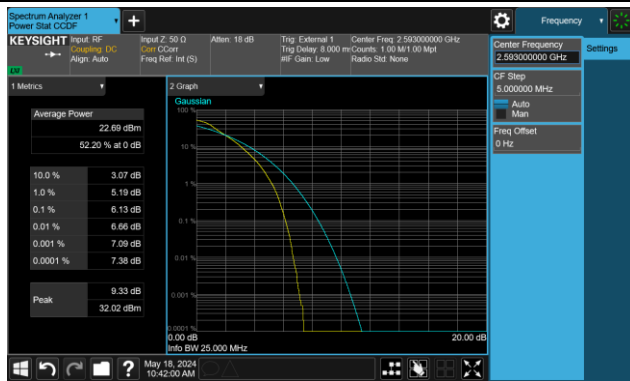


64QAM

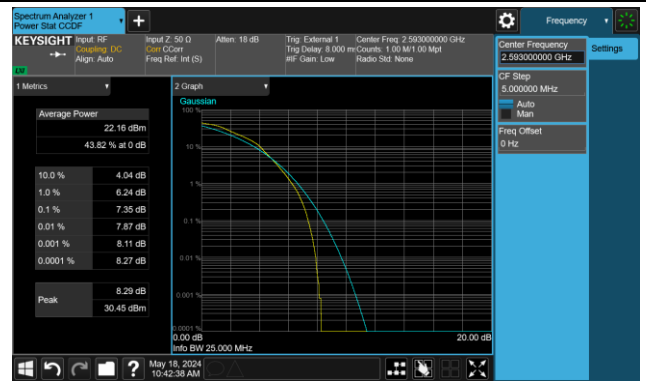


20MHz Channel Bandwidth – Middle Channel

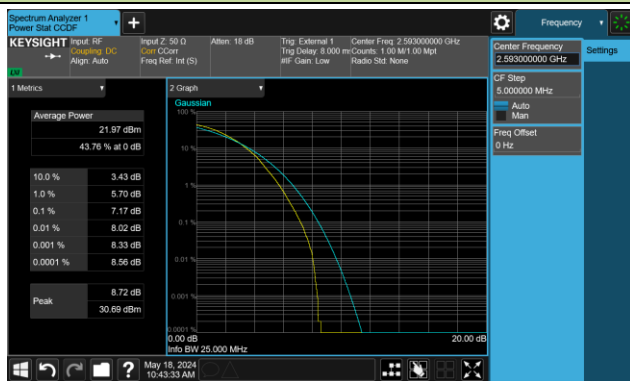
QPSK



16QAM



64QAM

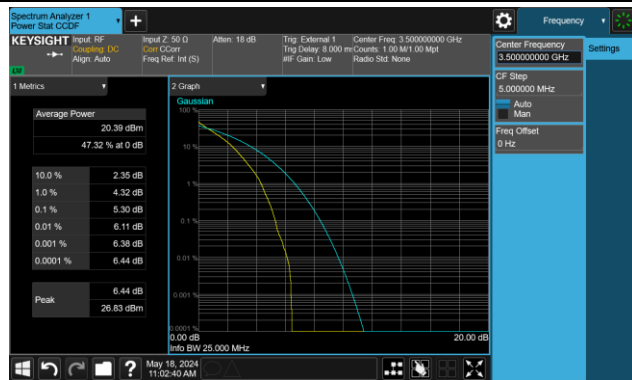


Test Site	SIP-SR1	Test Engineer	Yoniter Yang
Test Date	2024-05-18	Test Band	Band 42

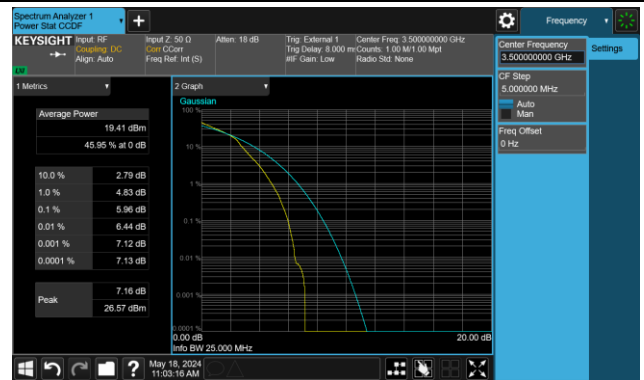
Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
3500.0	5	5.30	≤ 13.00	Pass
	10	5.23	≤ 13.00	Pass
	15	5.97	≤ 13.00	Pass
	20	5.98	≤ 13.00	Pass
16QAM				
3500.0	5	5.96	≤ 13.00	Pass
	10	5.94	≤ 13.00	Pass
	15	6.85	≤ 13.00	Pass
	20	6.79	≤ 13.00	Pass
64QAM				
3500.0	5	6.51	≤ 13.00	Pass
	10	6.44	≤ 13.00	Pass
	15	7.47	≤ 13.00	Pass
	20	7.45	≤ 13.00	Pass

5MHz Channel Bandwidth – Middle Channel

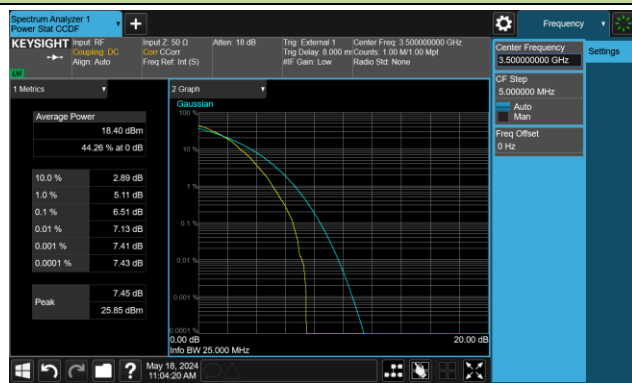
QPSK



16QAM

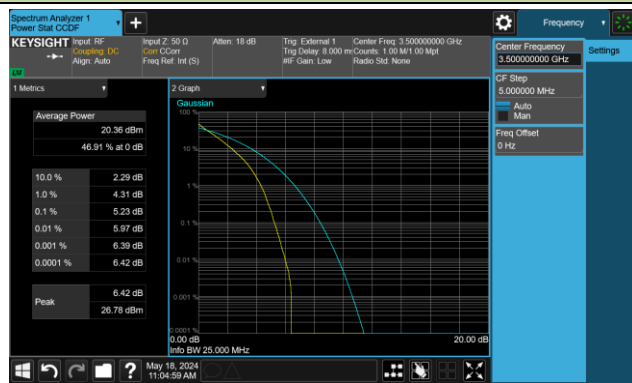


64QAM

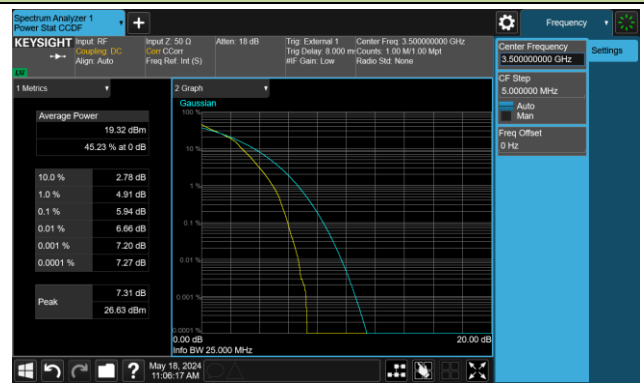


10MHz Channel Bandwidth – Middle Channel

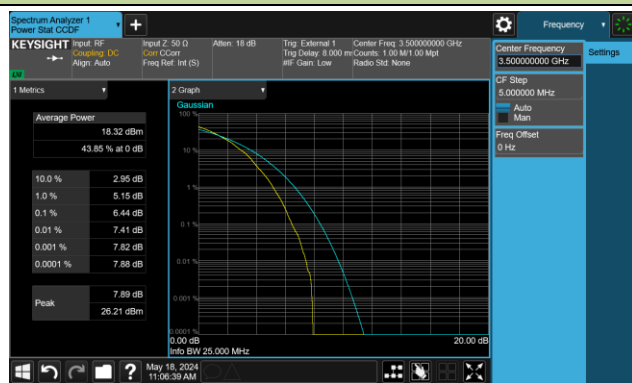
QPSK



16QAM

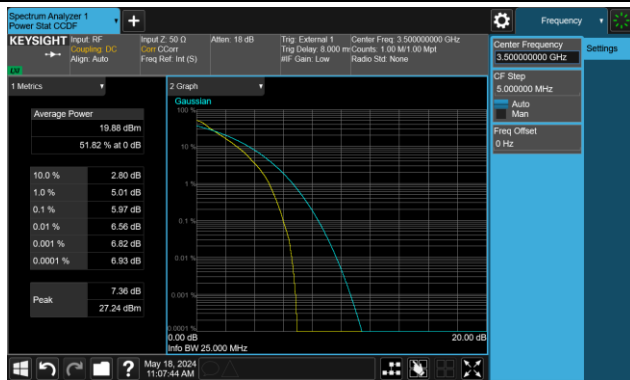


64QAM

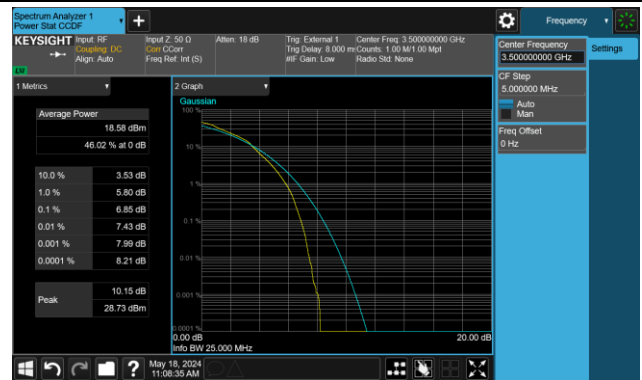


15MHz Channel Bandwidth – Middle Channel

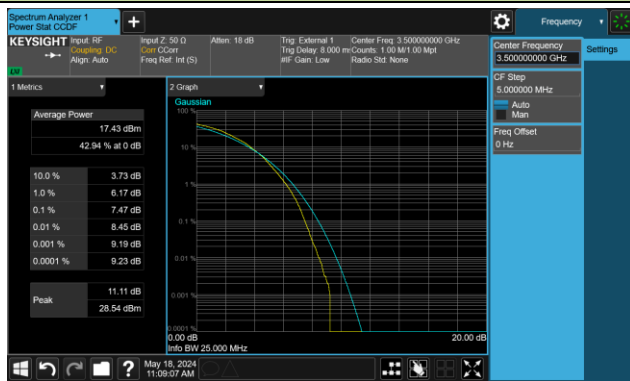
QPSK



16QAM

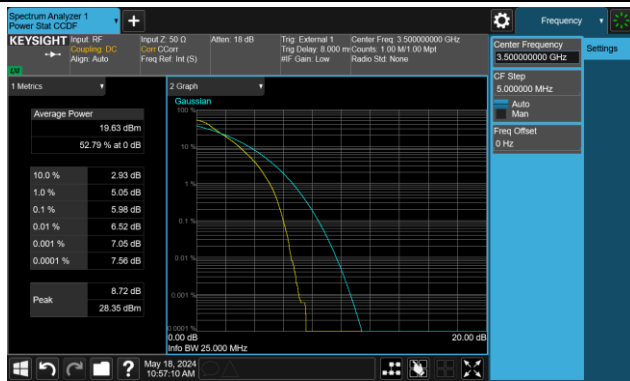


64QAM

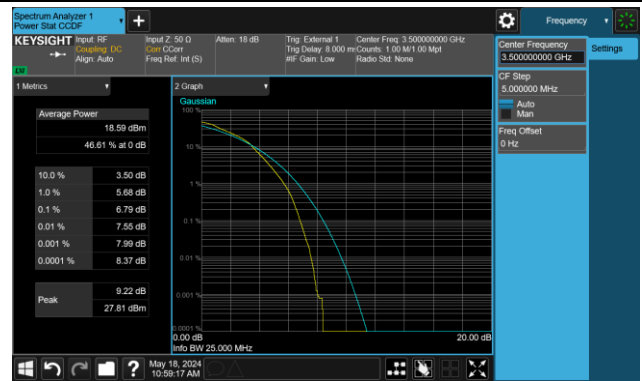


20MHz Channel Bandwidth – Middle Channel

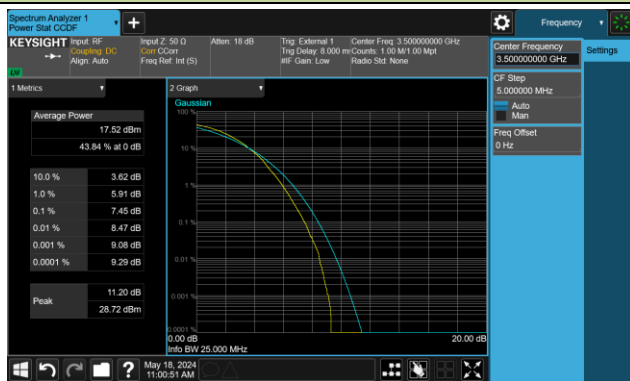
QPSK



16QAM



64QAM

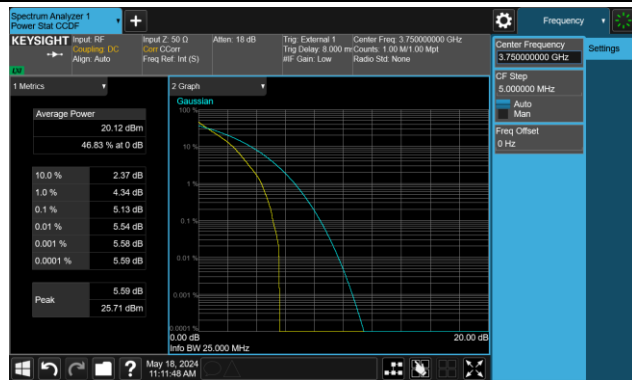


Test Site	SIP-SR1	Test Engineer	Yoniter Yang
Test Date	2024-05-18	Test Band	Band 43

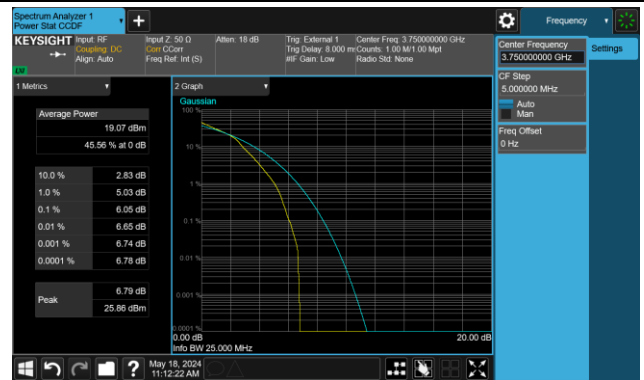
Frequency (MHz)	Channel Bandwidth (MHz)	Peak to Average Ratio (dB)	Limit (dB)	Result
QPSK				
3750.0	5	5.13	≤ 13.00	Pass
	10	5.28	≤ 13.00	Pass
	15	6.18	≤ 13.00	Pass
	20	5.92	≤ 13.00	Pass
16QAM				
3750.0	5	6.05	≤ 13.00	Pass
	10	5.98	≤ 13.00	Pass
	15	6.17	≤ 13.00	Pass
	20	6.99	≤ 13.00	Pass
64QAM				
3750.0	5	6.67	≤ 13.00	Pass
	10	6.47	≤ 13.00	Pass
	15	7.48	≤ 13.00	Pass
	20	7.12	≤ 13.00	Pass

5MHz Channel Bandwidth – Middle Channel

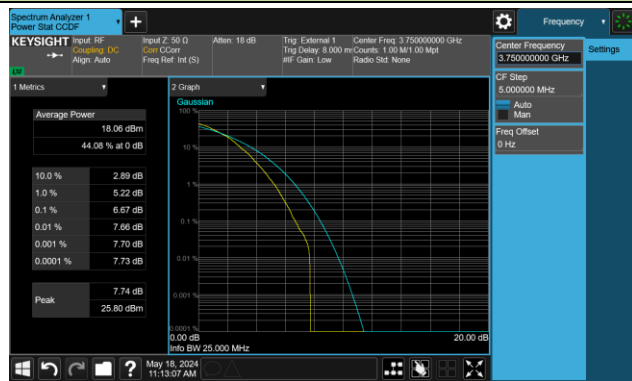
QPSK



16QAM

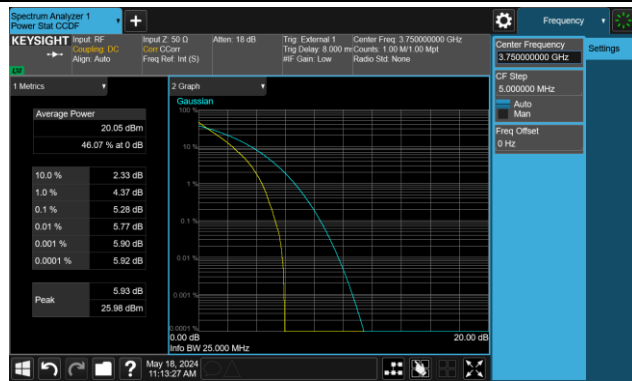


64QAM

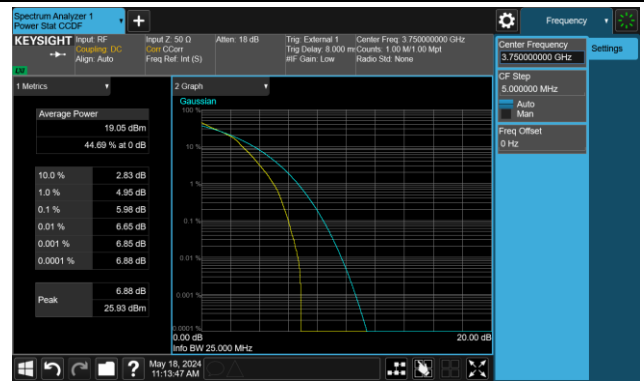


10MHz Channel Bandwidth – Middle Channel

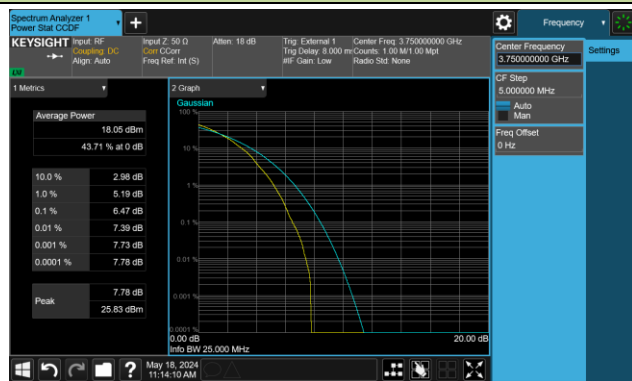
QPSK



16QAM

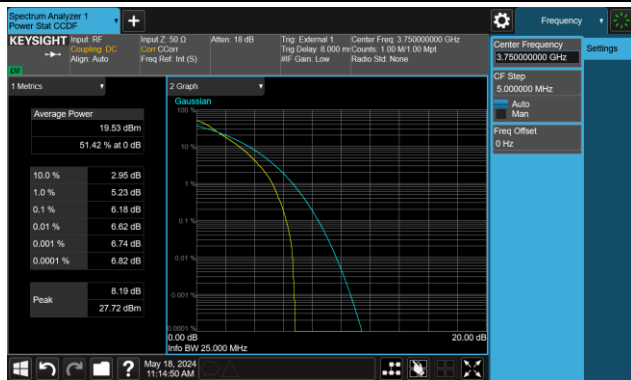


64QAM

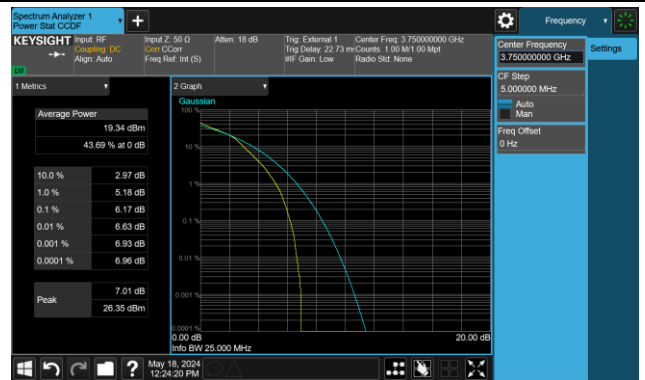


15MHz Channel Bandwidth – Middle Channel

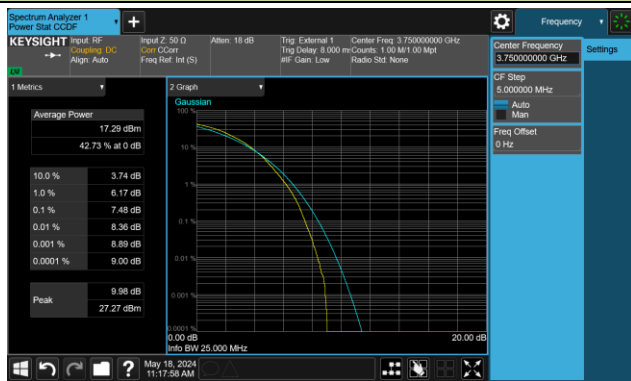
QPSK



16QAM

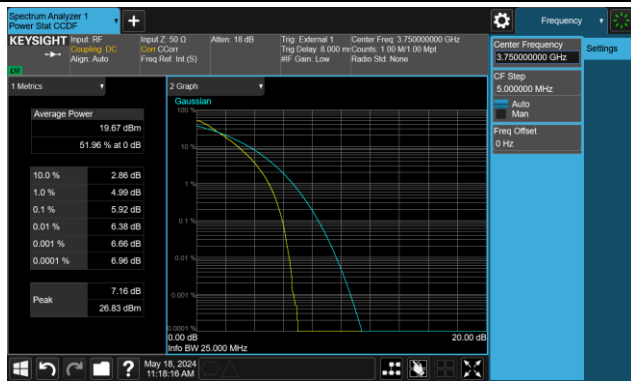


64QAM

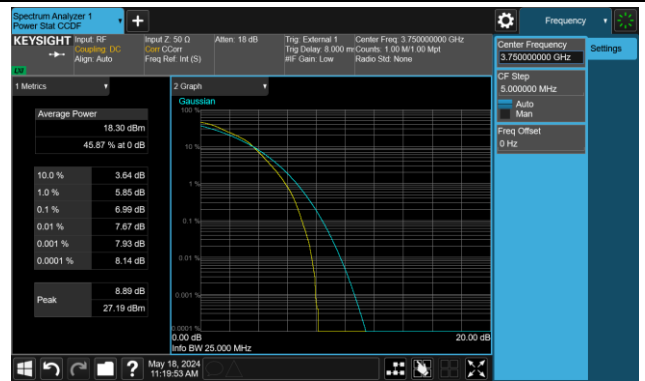


20MHz Channel Bandwidth – Middle Channel

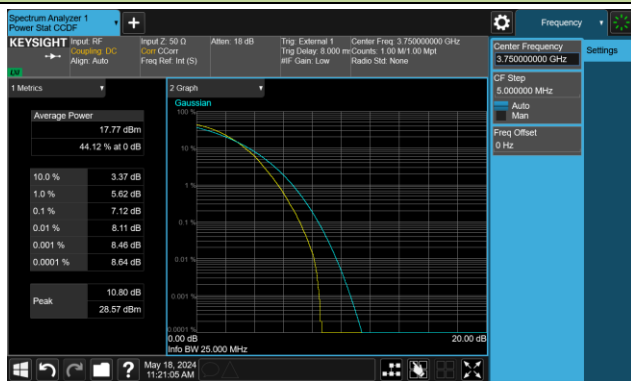
QPSK



16QAM



64QAM



A.5 Transmitter unwanted emissions (band-edge) Test Result

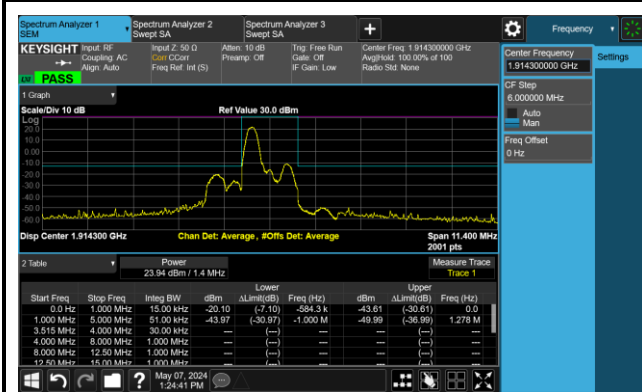
Test Site	SIP-SR1	Test Engineer	Yoniter Yang
Test Date	2024-05-07 ~ 2024-05-18	Test Band	Band 2/25

1.4MHz Channel Bandwidth – 1RB

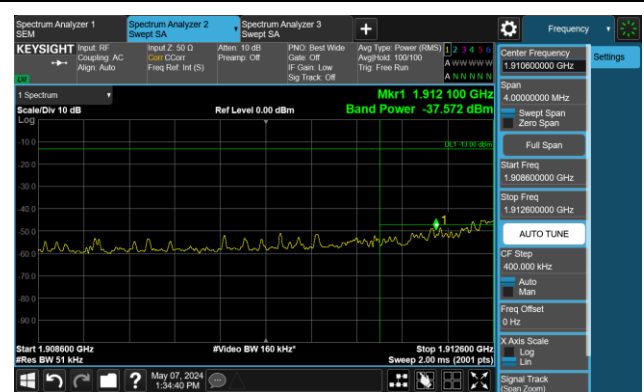
Low Channel 1RB_Low	Low Channel 1RB_Low - Extended																																																															
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1.4MHz Channel Bandwidth – 1RB

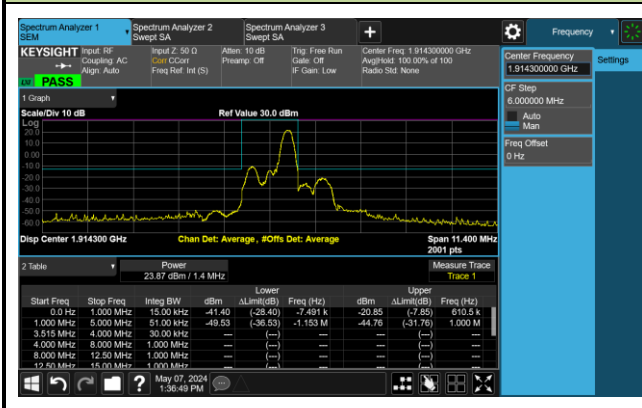
High Channel 1RB_Low



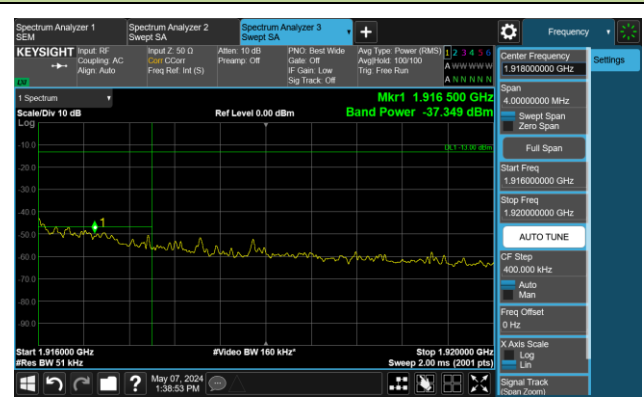
High Channel 1RB_Low - Extended



High Channel 1RB_High

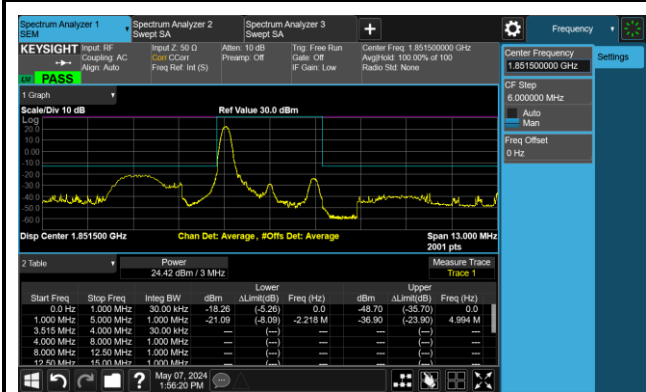


High Channel 1RB_High - Extended

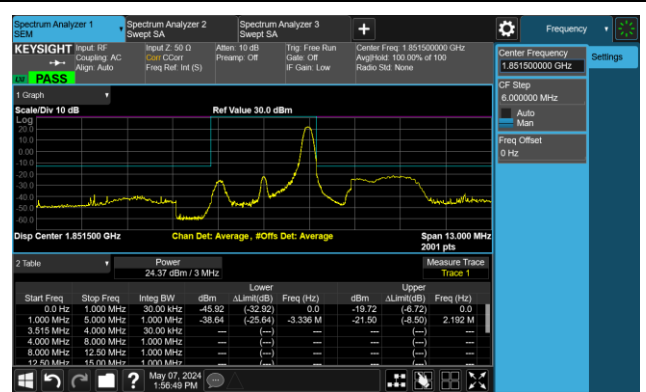


3MHz Channel Bandwidth – 1RB

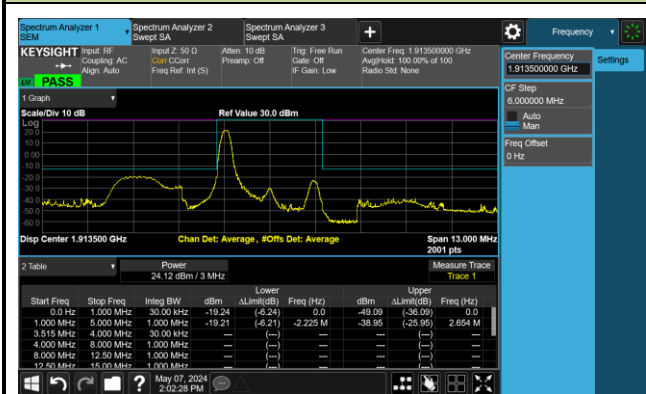
Low Channel 1RB_Low



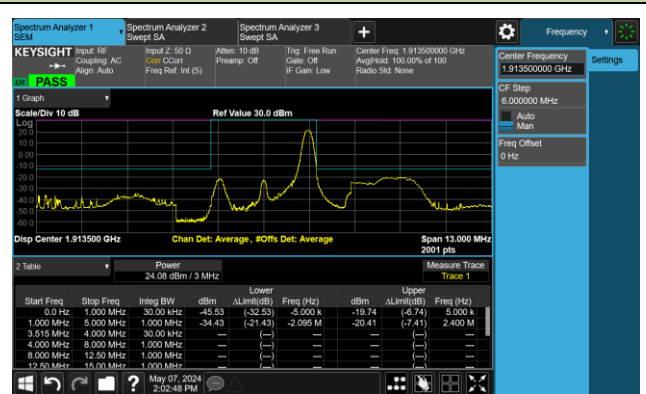
Low Channel 1RB_High



High Channel 1RB_Low

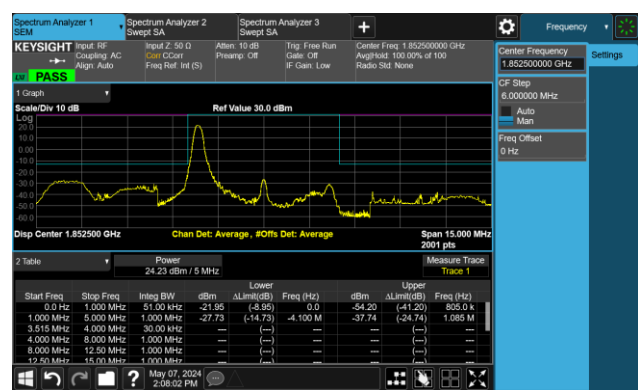


High Channel 1RB_High

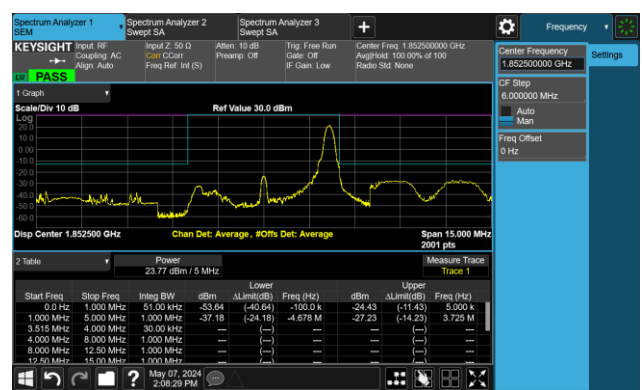


5MHz Channel Bandwidth – 1RB

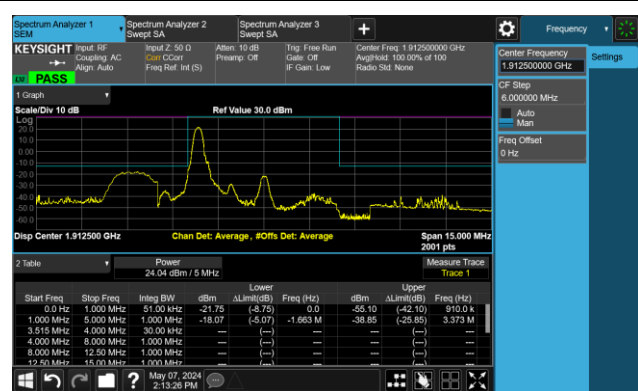
Low Channel 1RB_Low



Low Channel 1RB_High



High Channel 1RB_Low



High Channel 1RB_High

