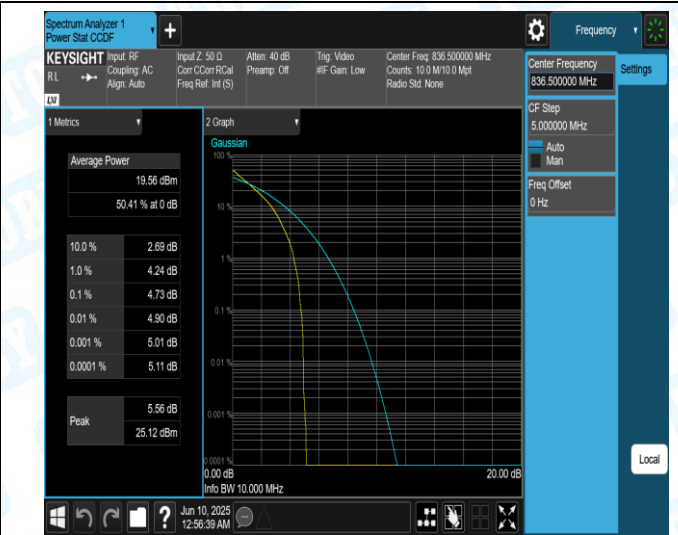
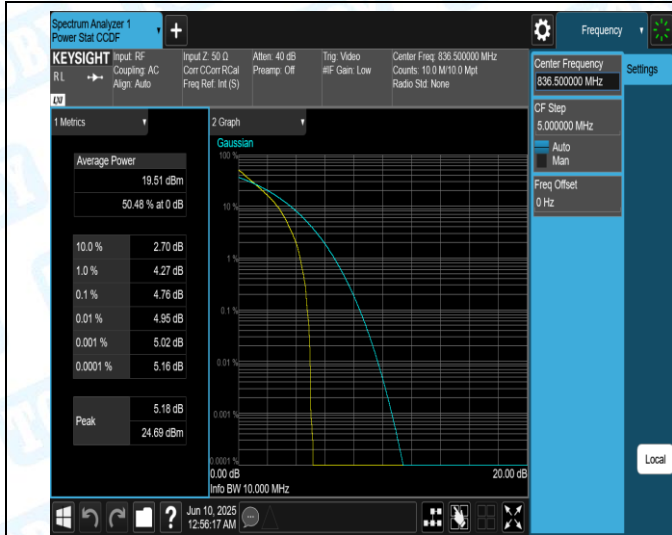
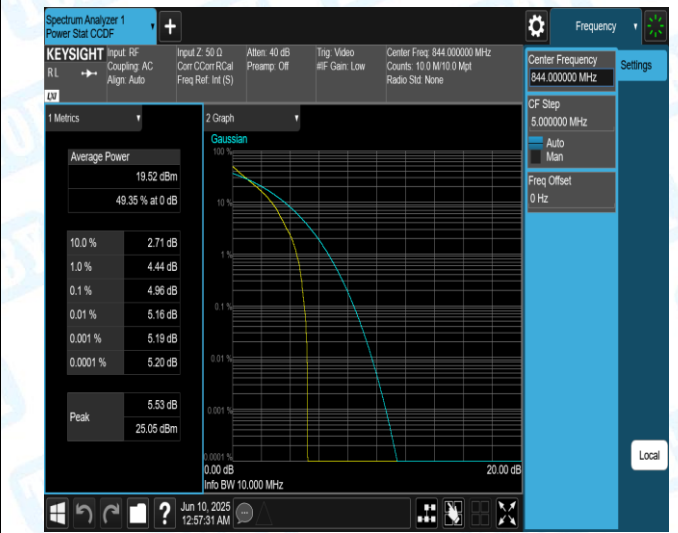
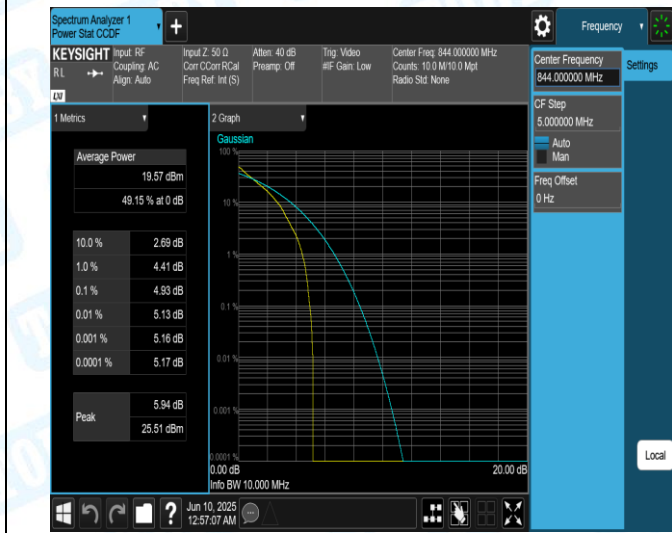




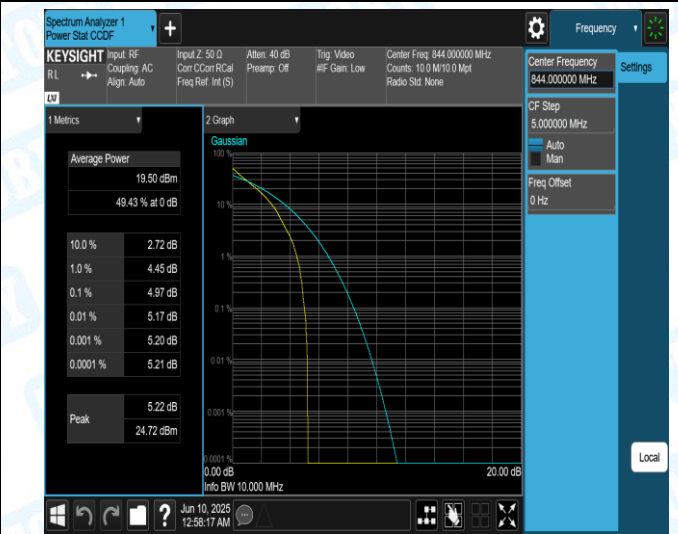
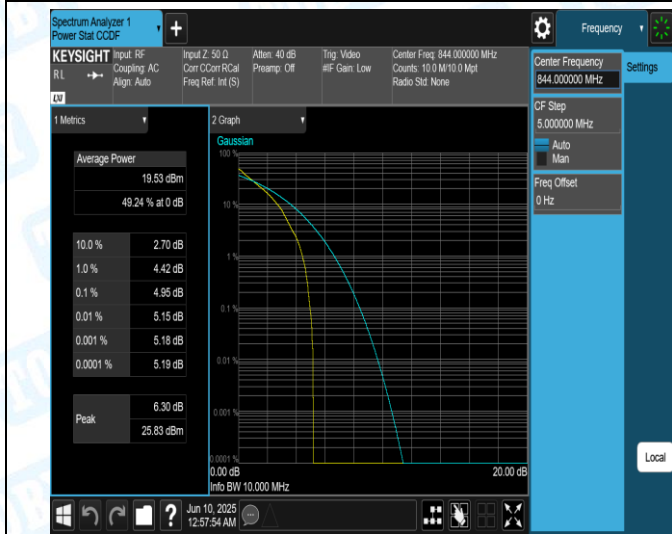
Band 5 - 10 MHz - QPSK - 20525 - PASS

Band 5 - 10 MHz - 16QAM - 20525 - PASS



Band 5 - 10 MHz - QPSK - 20600 - PASS

Band 5 - 10 MHz - 16QAM - 20600 - PASS



Band 5 - 10 MHz - QPSK - 20600 - PASS

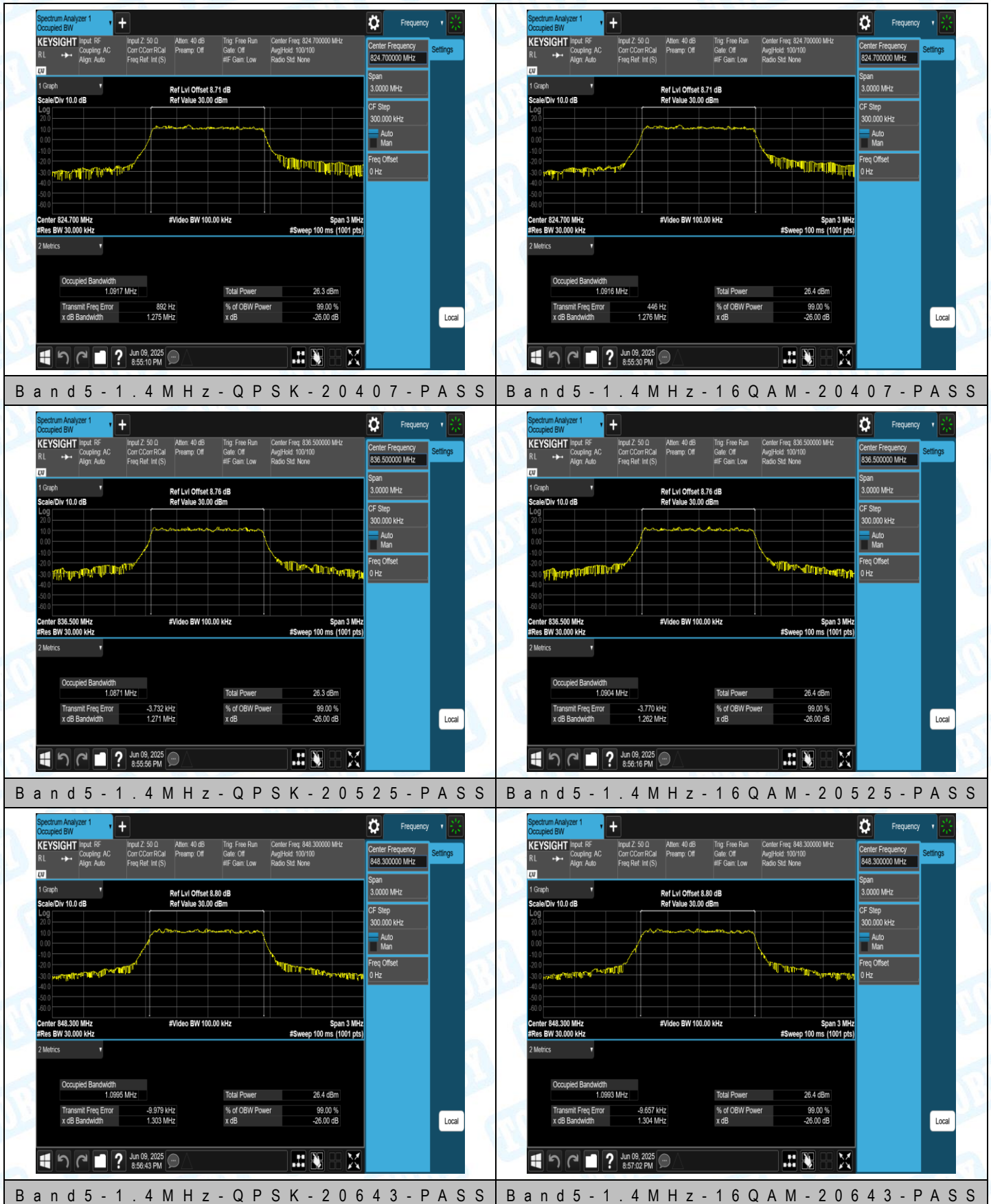
Band 5 - 10 MHz - 16QAM - 20600 - PASS

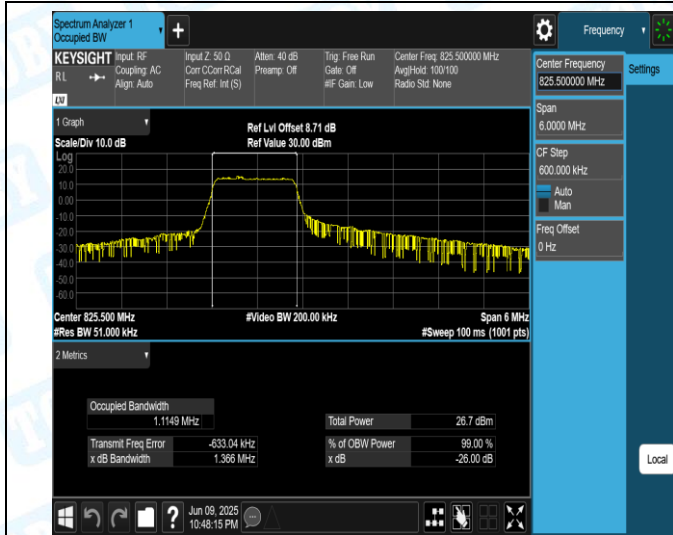
3: 26dB Bandwidth and Occupied Bandwidth for M1

Test Result

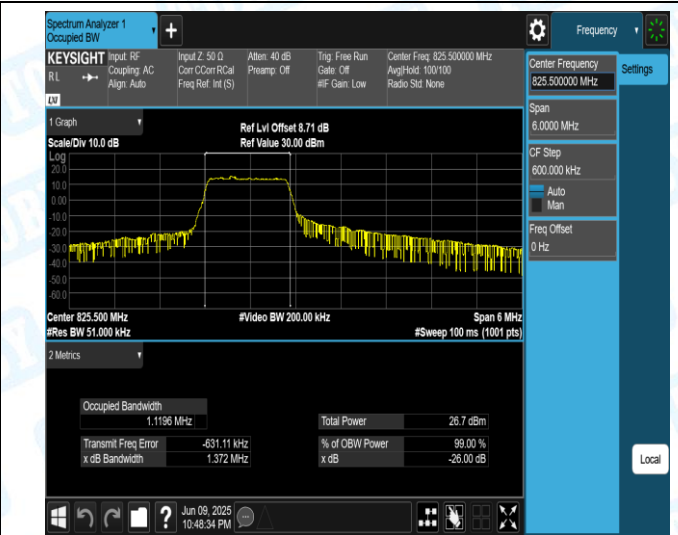
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	20407	QPSK	6	0	Low	1.0917	1.275	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	1.0916	1.276	PASS
Band5	1.4MHz	20525	QPSK	6	0	Low	1.0871	1.271	PASS
Band5	1.4MHz	20525	16QAM	6	0	Low	1.0904	1.262	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	1.0995	1.303	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	1.0993	1.304	PASS
Band5	3MHz	20415	QPSK	6	0	Low	1.1149	1.366	PASS
Band5	3MHz	20415	16QAM	6	0	Low	1.1196	1.372	PASS
Band5	3MHz	20525	QPSK	6	0	Low	1.1184	1.320	PASS
Band5	3MHz	20525	16QAM	6	0	Low	1.1180	1.321	PASS
Band5	3MHz	20635	QPSK	6	0	High	1.1181	1.331	PASS
Band5	3MHz	20635	16QAM	6	0	High	1.1212	1.337	PASS
Band5	5MHz	20425	QPSK	6	0	Low	1.1866	1.518	PASS
Band5	5MHz	20425	16QAM	6	0	Low	1.1842	1.519	PASS
Band5	5MHz	20525	QPSK	6	0	Low	1.1784	1.579	PASS
Band5	5MHz	20525	16QAM	6	0	Low	1.1806	1.569	PASS
Band5	5MHz	20625	QPSK	6	0	High	1.1992	1.435	PASS
Band5	5MHz	20625	16QAM	6	0	High	1.1939	1.452	PASS
Band5	10MHz	20450	QPSK	6	0	Low	1.3607	2.244	PASS
Band5	10MHz	20450	16QAM	6	0	Low	1.3624	2.136	PASS
Band5	10MHz	20525	QPSK	6	0	Low	1.3654	2.009	PASS
Band5	10MHz	20525	16QAM	6	0	Low	1.3687	1.930	PASS
Band5	10MHz	20600	QPSK	6	0	High	1.3490	1.672	PASS
Band5	10MHz	20600	16QAM	6	0	High	1.3496	1.702	PASS

Test Graphs





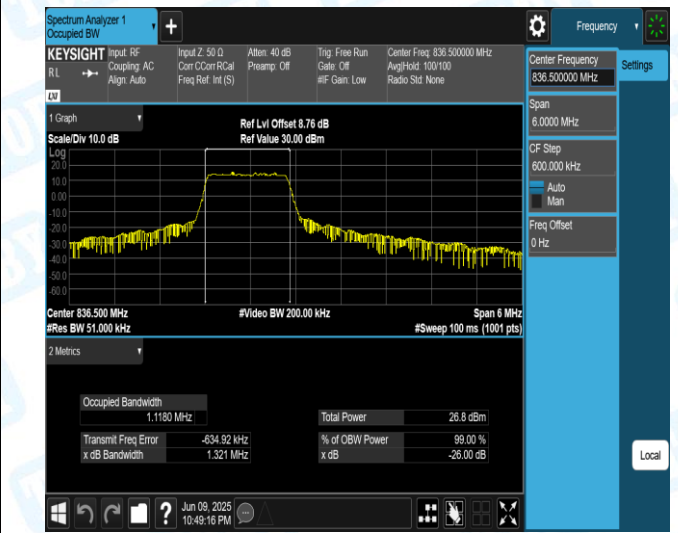
B a n d 5 - 3 M H z - Q P S K - 2 0 4 1 5 - P A S S



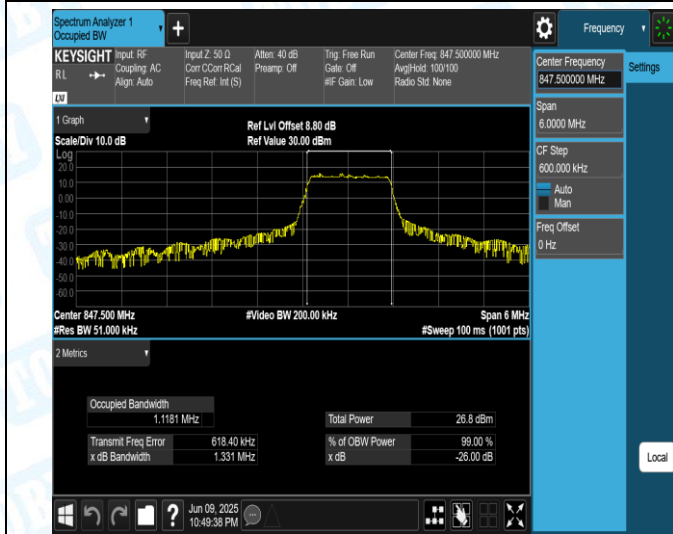
B a n d 5 - 3 M H z - 1 6 Q A M - 2 0 4 1 5 - P A S S



B a n d 5 - 3 M H z - Q P S K - 2 0 5 2 5 - P A S S



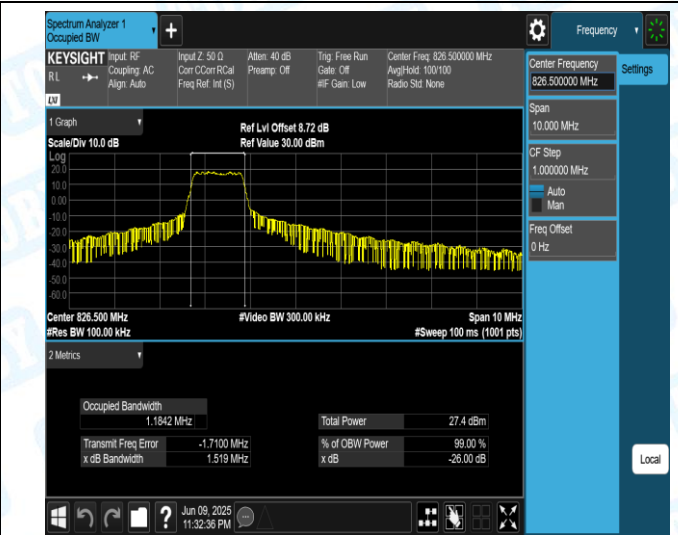
B a n d 5 - 3 M H z - 1 6 Q A M - 2 0 5 2 5 - P A S S



B a n d 5 - 3 M H z - Q P S K - 2 0 6 3 5 - P A S S

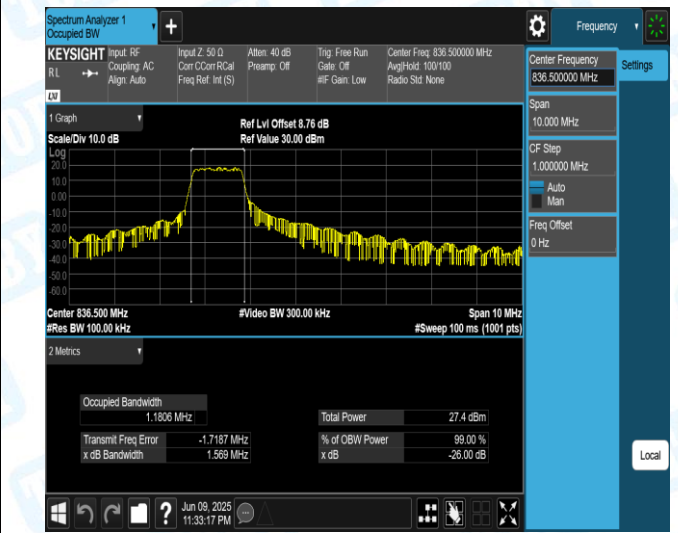
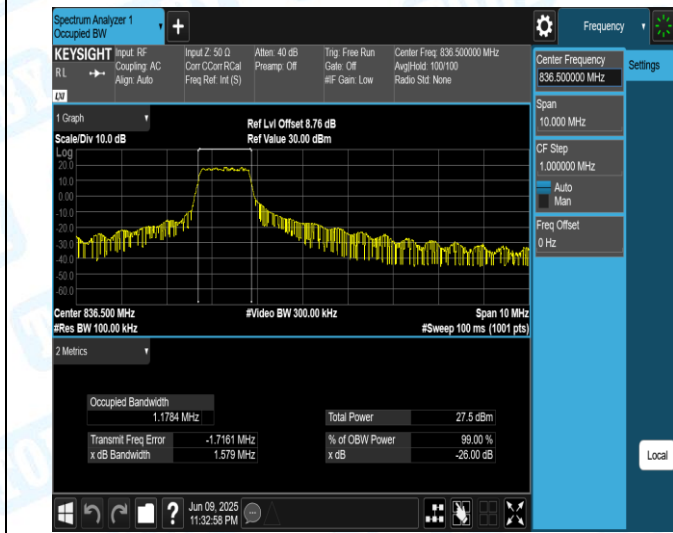


B a n d 5 - 3 M H z - 1 6 Q A M - 2 0 6 3 5 - P A S S



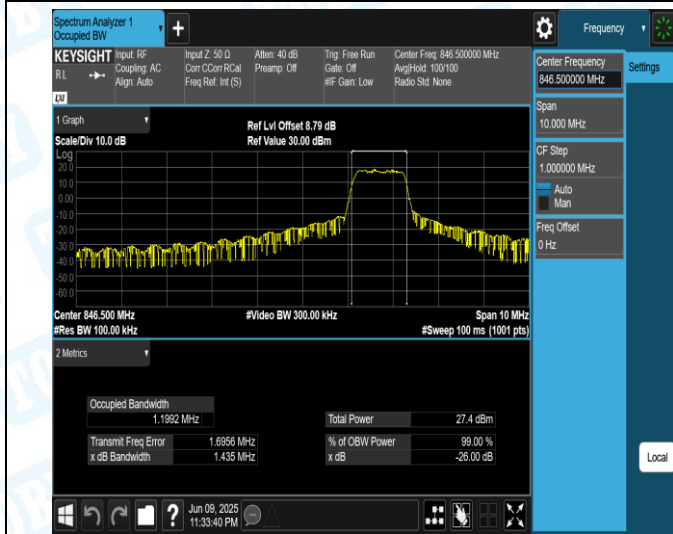
Band 5 - 5 MHz - QPSK - 20425 - PASS

Band 5 - 5 MHz - 16QAM - 20425 - PASS



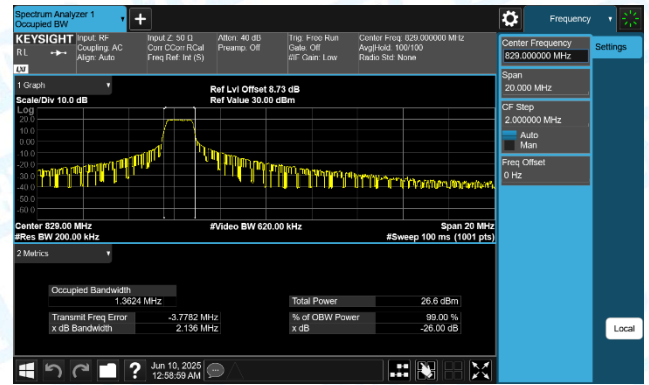
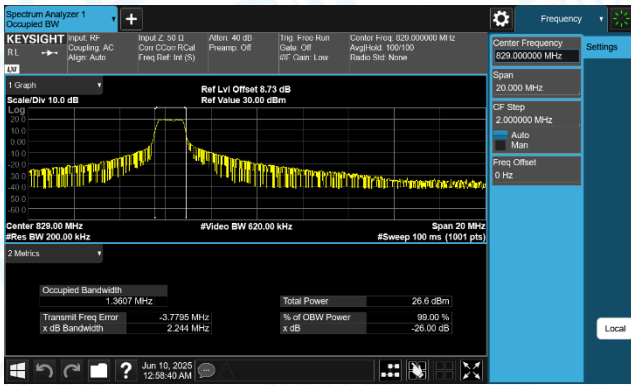
Band 5 - 5 MHz - QPSK - 20525 - PASS

Band 5 - 5 MHz - 16QAM - 20525 - PASS



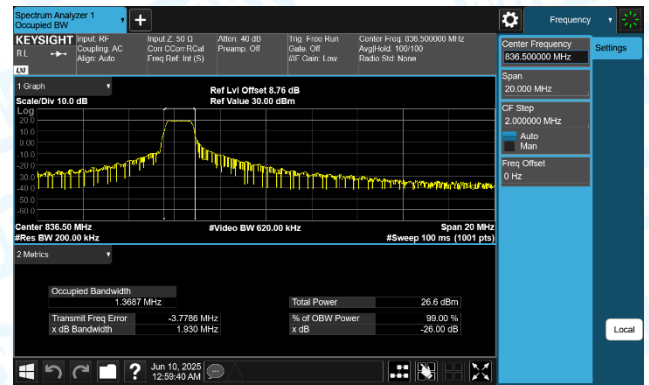
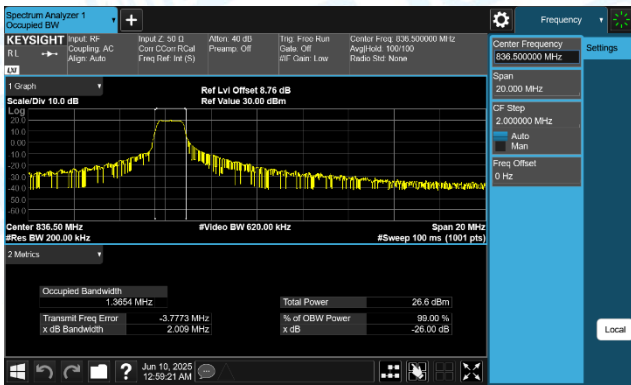
Band 5 - 5 MHz - QPSK - 20625 - PASS

Band 5 - 5 MHz - 16QAM - 20625 - PASS



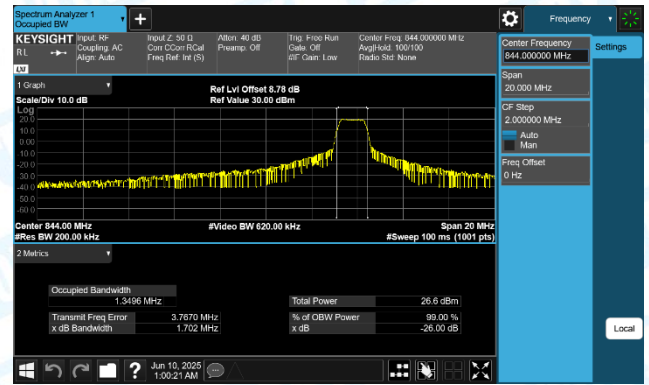
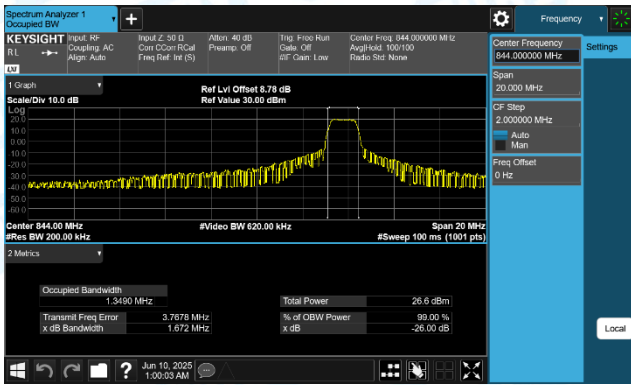
B a n d 5 - 1 0 M H z - Q P S K - 2 0 4 5 0 - P A S S

B a n d 5 - 1 0 M H z - 1 6 Q A M - 2 0 4 5 0 - P A S S



B a n d 5 - 1 0 M H z - Q P S K - 2 0 5 2 5 - P A S S

B a n d 5 - 1 0 M H z - 1 6 Q A M - 2 0 5 2 5 - P A S S



B a n d 5 - 1 0 M H z - Q P S K - 2 0 6 0 0 - P A S S

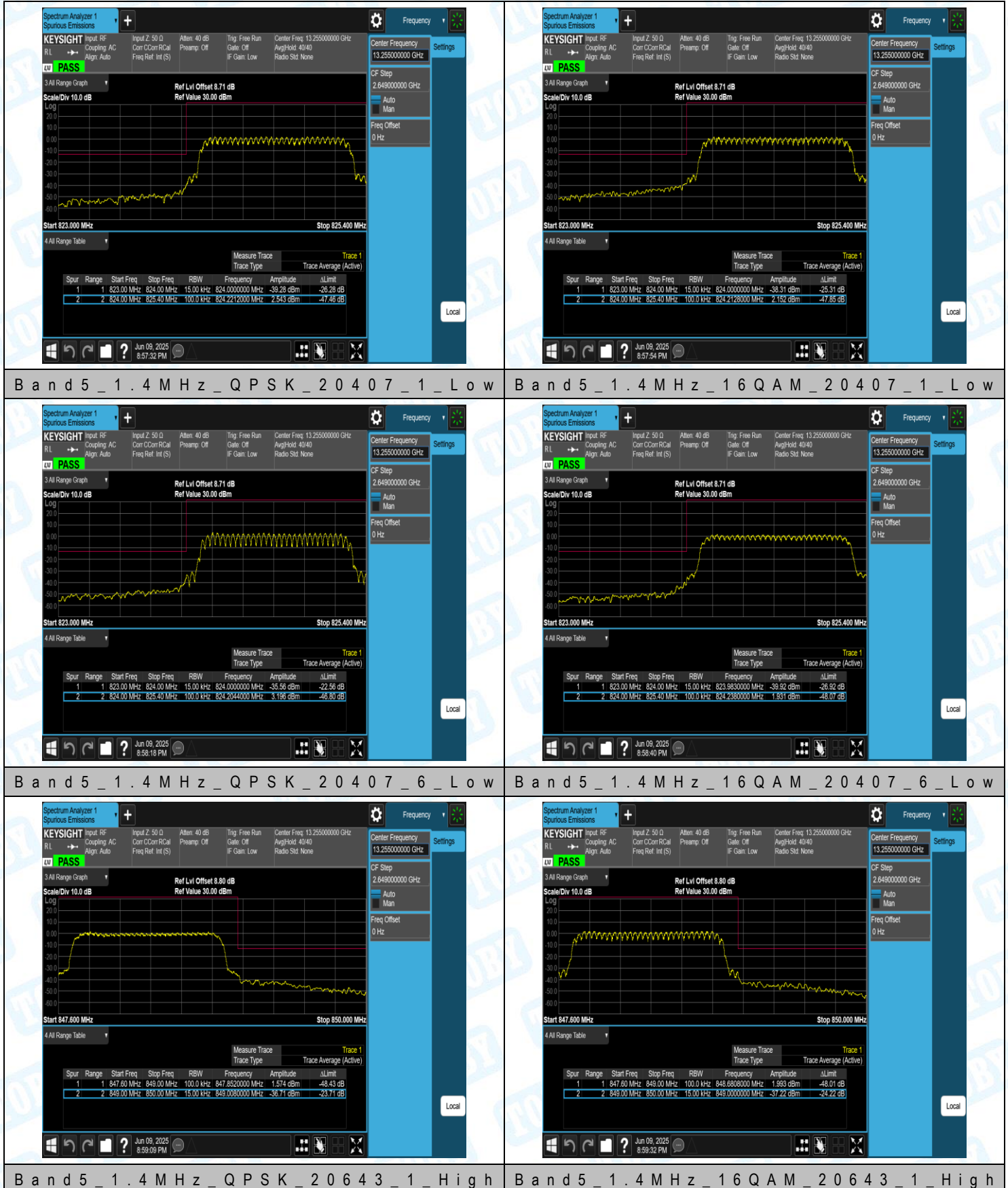
B a n d 5 - 1 0 M H z - 1 6 Q A M - 2 0 6 0 0 - P A S S

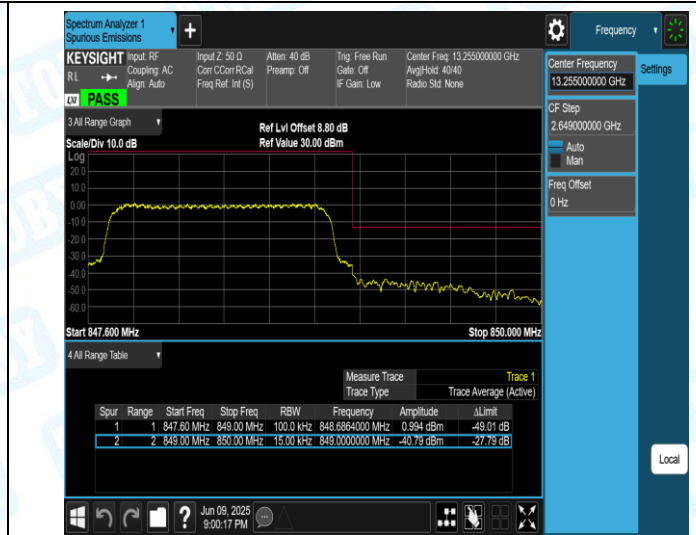
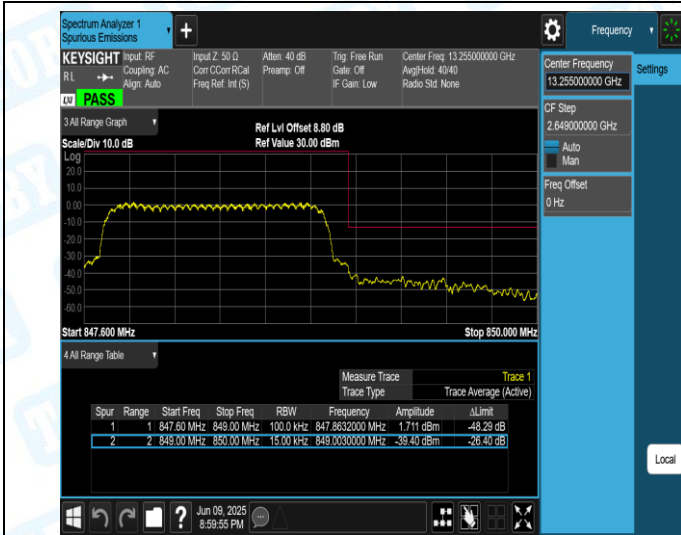
4: Band Edge for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band5	1.4MHz	20407	QPSK	1	0	Low	-39.28	PASS
Band5	1.4MHz	20407	16QAM	1	0	Low	-38.31	PASS
Band5	1.4MHz	20407	QPSK	6	0	Low	-35.56	PASS
Band5	1.4MHz	20407	16QAM	6	0	Low	-39.92	PASS
Band5	1.4MHz	20643	QPSK	1	0	High	-36.71	PASS
Band5	1.4MHz	20643	16QAM	1	0	High	-37.22	PASS
Band5	1.4MHz	20643	QPSK	6	0	High	-39.40	PASS
Band5	1.4MHz	20643	16QAM	6	0	High	-40.79	PASS
Band5	3MHz	20415	QPSK	1	0	Low	-45.77	PASS
Band5	3MHz	20415	16QAM	1	0	Low	-47.19	PASS
Band5	3MHz	20415	QPSK	6	0	Low	-46.06	PASS
Band5	3MHz	20415	16QAM	6	0	Low	-45.85	PASS
Band5	3MHz	20635	QPSK	1	0	High	-42.15	PASS
Band5	3MHz	20635	16QAM	1	0	High	-42.00	PASS
Band5	3MHz	20635	QPSK	6	0	High	-40.58	PASS
Band5	3MHz	20635	16QAM	6	0	High	-41.22	PASS
Band5	5MHz	20425	QPSK	1	0	Low	-40.75	PASS
Band5	5MHz	20425	16QAM	1	0	Low	-40.80	PASS
Band5	5MHz	20425	QPSK	6	0	Low	-39.98	PASS
Band5	5MHz	20425	16QAM	6	0	Low	-40.35	PASS
Band5	5MHz	20625	QPSK	1	0	High	-37.08	PASS
Band5	5MHz	20625	16QAM	1	0	High	-37.31	PASS
Band5	5MHz	20625	QPSK	6	0	High	-37.95	PASS
Band5	5MHz	20625	16QAM	6	0	High	-37.76	PASS
Band5	10MHz	20450	QPSK	1	0	Low	-42.89	PASS
Band5	10MHz	20450	16QAM	1	0	Low	-43.83	PASS
Band5	10MHz	20450	QPSK	6	0	Low	-42.53	PASS
Band5	10MHz	20450	16QAM	6	0	Low	-42.33	PASS
Band5	10MHz	20600	QPSK	1	0	High	-39.96	PASS
Band5	10MHz	20600	16QAM	1	0	High	-38.44	PASS
Band5	10MHz	20600	QPSK	6	0	High	-38.39	PASS
Band5	10MHz	20600	16QAM	6	0	High	-39.30	PASS

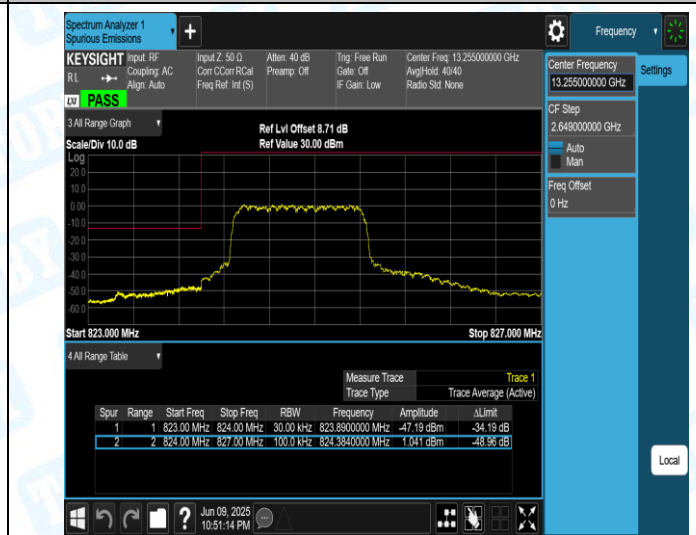
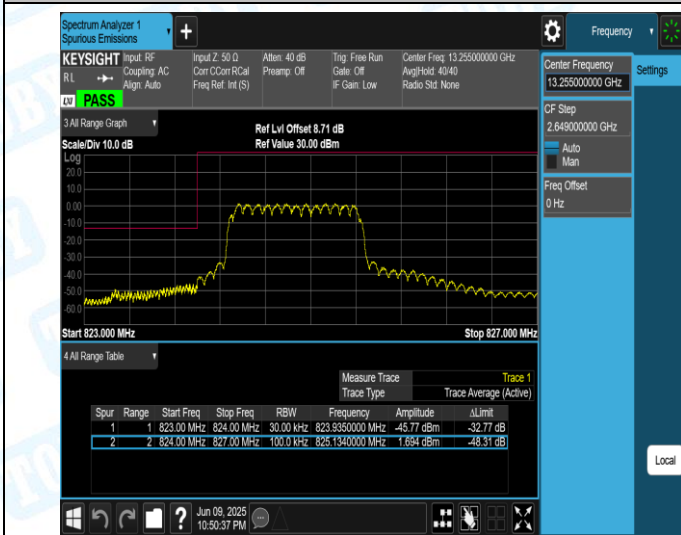
Test Graphs





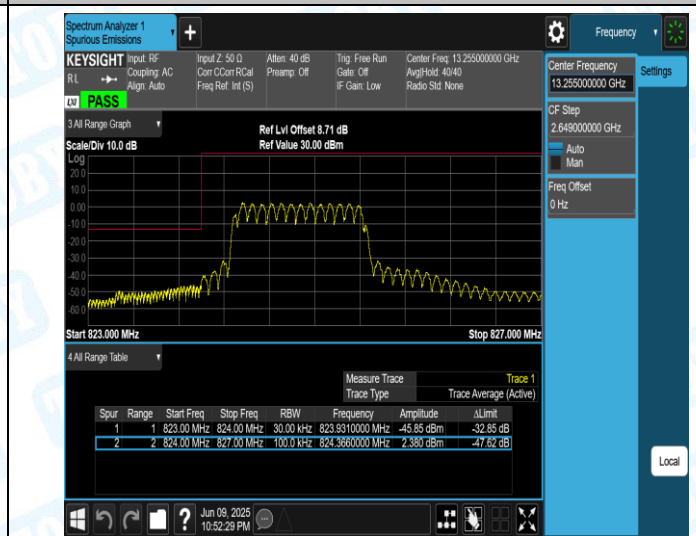
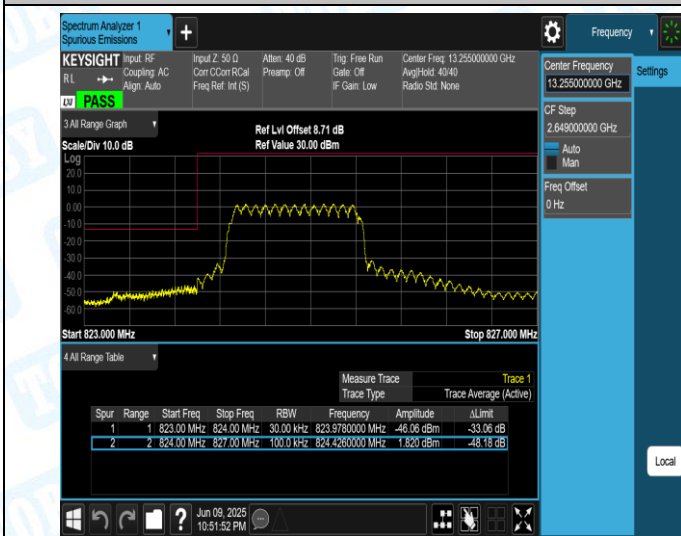
Band 5_1.4 MHz_QPSK_20643_6_High

Band 5_1.4 MHz_16QAM_20643_6_High



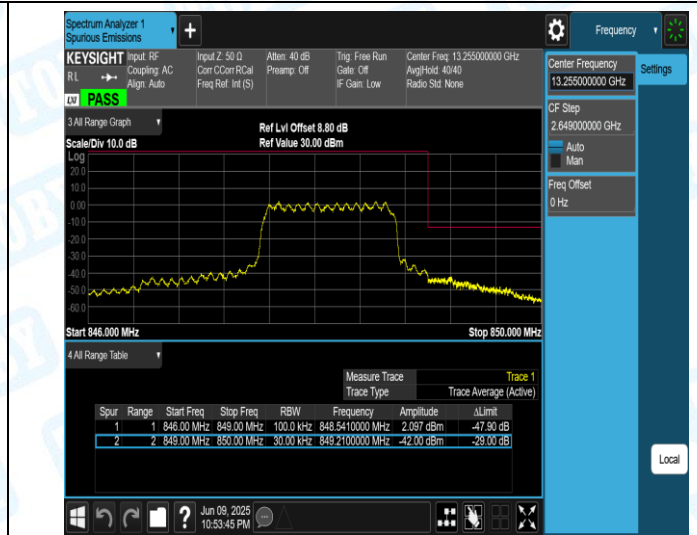
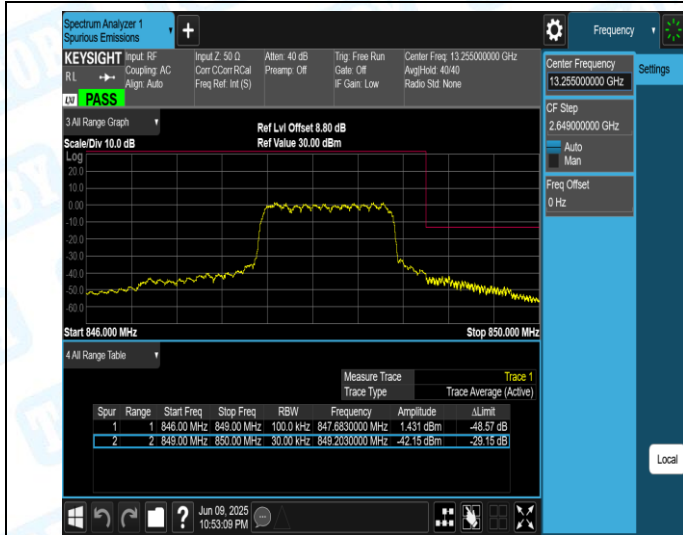
Band 5_3 MHz_QPSK_20415_1_Low

Band 5_3 MHz_16QAM_20415_1_Low



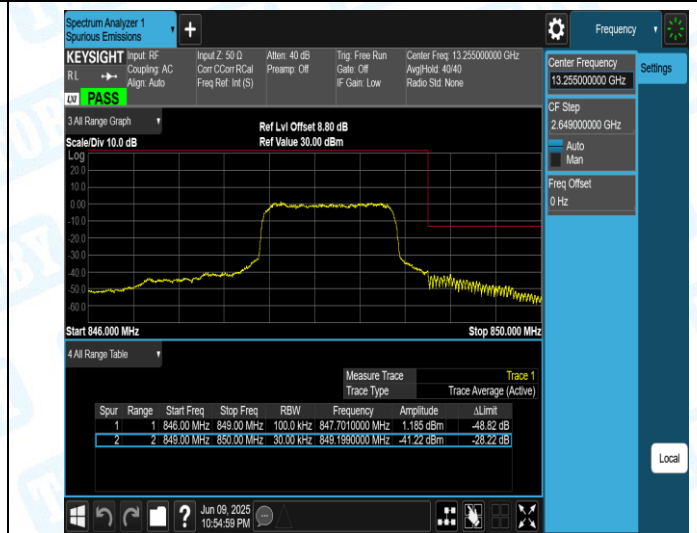
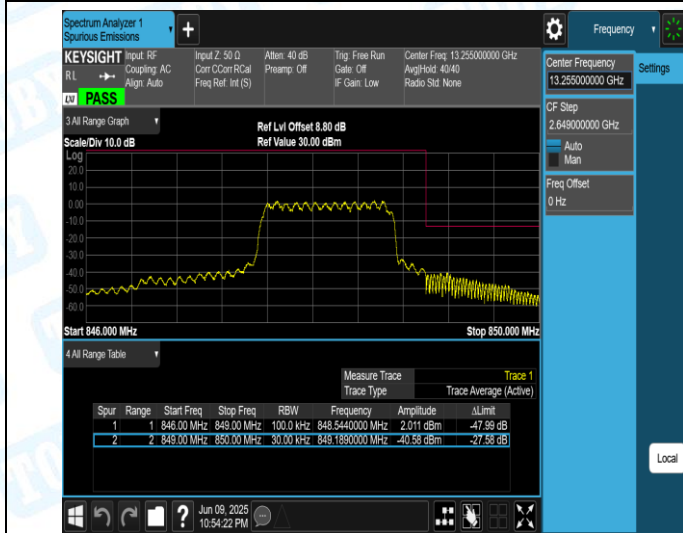
Band 5_3 MHz_QPSK_20415_6_Low

Band 5_3 MHz_16QAM_20415_6_Low



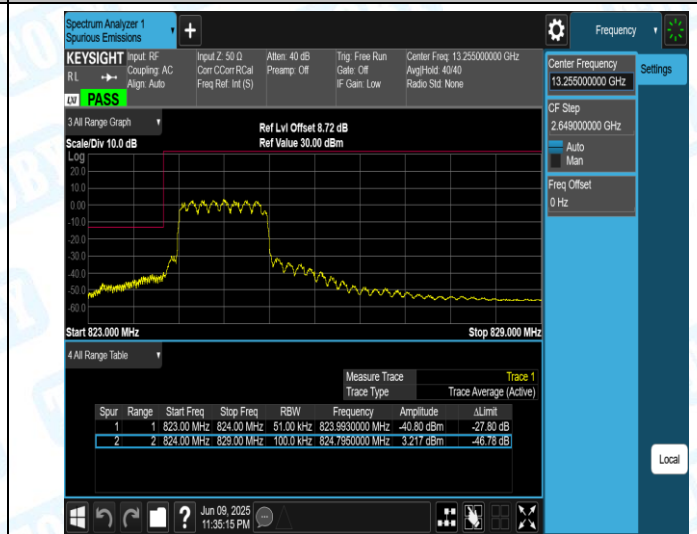
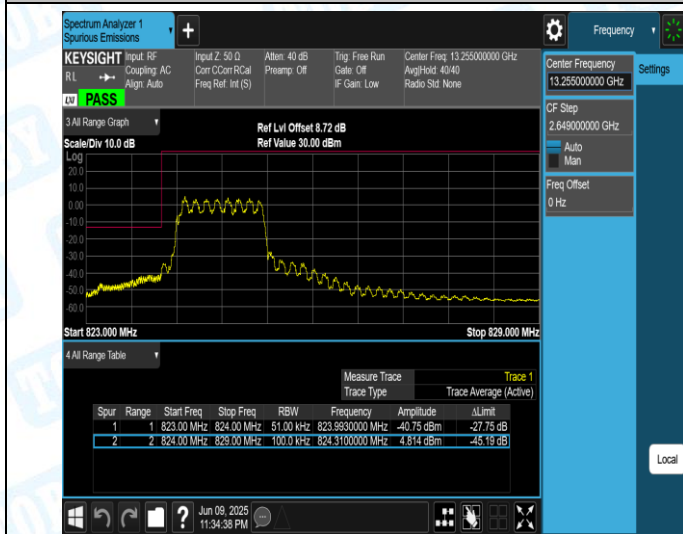
Band 5 _ 3 MHz _ QPSK _ 20635 _ 1 _ High

Band 5 _ 3 MHz _ 16 QAM _ 20635 _ 1 _ High



Band 5 _ 3 MHz _ QPSK _ 20635 _ 6 _ High

Band 5 _ 3 MHz _ 16 QAM _ 20635 _ 6 _ High



Band 5 _ 5 MHz _ QPSK _ 20425 _ 1 _ Low

Band 5 _ 5 MHz _ 16 QAM _ 20425 _ 1 _ Low