

LTE Band 41 Test Data

Report No. ENS2510100210W00407R Page 16 and Page 17
Appendix A: Effective (Isotropic) Radiated Power Output Data

Report No. ENS2510100210W00407R Page 38
Appendix B: Peak-to-Average Ratio

Report No. ENS2510100210W00407R Page 20
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Report No. ENS2510100210W00407R Page 22
Appendix D: Band Edge

Report No. ENS2510100210W00407R Page 24
Appendix E: Conducted Spurious Emission

Report No. ENS2510100210W00407R Page 37
Appendix F: Frequency Stability

Appendix A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	21.33	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.39	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.30	PASS
Band41	5MHz	QPSK	39675	12RB#0	20.38	PASS
Band41	5MHz	QPSK	39675	12RB#6	20.35	PASS
Band41	5MHz	QPSK	39675	12RB#13	20.41	PASS
Band41	5MHz	QPSK	39675	25RB#0	20.45	PASS
Band41	5MHz	QPSK	40620	1RB#0	21.46	PASS
Band41	5MHz	QPSK	40620	1RB#12	21.55	PASS
Band41	5MHz	QPSK	40620	1RB#24	21.36	PASS
Band41	5MHz	QPSK	40620	12RB#0	20.47	PASS
Band41	5MHz	QPSK	40620	12RB#6	20.44	PASS
Band41	5MHz	QPSK	40620	12RB#13	20.48	PASS
Band41	5MHz	QPSK	40620	25RB#0	20.60	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.24	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.33	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.17	PASS
Band41	5MHz	QPSK	41565	12RB#0	20.38	PASS
Band41	5MHz	QPSK	41565	12RB#6	20.48	PASS
Band41	5MHz	QPSK	41565	12RB#13	20.36	PASS
Band41	5MHz	QPSK	41565	25RB#0	20.38	PASS
Band41	5MHz	16QAM	39675	1RB#0	20.68	PASS
Band41	5MHz	16QAM	39675	1RB#12	20.76	PASS
Band41	5MHz	16QAM	39675	1RB#24	20.69	PASS
Band41	5MHz	16QAM	39675	12RB#0	19.54	PASS
Band41	5MHz	16QAM	39675	12RB#6	19.56	PASS
Band41	5MHz	16QAM	39675	12RB#13	19.50	PASS
Band41	5MHz	16QAM	39675	25RB#0	19.43	PASS
Band41	5MHz	16QAM	40620	1RB#0	20.69	PASS
Band41	5MHz	16QAM	40620	1RB#12	20.78	PASS
Band41	5MHz	16QAM	40620	1RB#24	20.71	PASS
Band41	5MHz	16QAM	40620	12RB#0	19.54	PASS
Band41	5MHz	16QAM	40620	12RB#6	19.57	PASS

Band41	5MHz	16QAM	40620	12RB#13	19.69	PASS
Band41	5MHz	16QAM	40620	25RB#0	19.61	PASS
Band41	5MHz	16QAM	41565	1RB#0	20.60	PASS
Band41	5MHz	16QAM	41565	1RB#12	20.61	PASS
Band41	5MHz	16QAM	41565	1RB#24	20.48	PASS
Band41	5MHz	16QAM	41565	12RB#0	19.43	PASS
Band41	5MHz	16QAM	41565	12RB#6	19.50	PASS
Band41	5MHz	16QAM	41565	12RB#13	19.44	PASS
Band41	5MHz	16QAM	41565	25RB#0	19.46	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.41	PASS
Band41	10MHz	QPSK	39700	1RB#24	21.59	PASS
Band41	10MHz	QPSK	39700	1RB#49	21.43	PASS
Band41	10MHz	QPSK	39700	25RB#0	20.51	PASS
Band41	10MHz	QPSK	39700	25RB#12	20.54	PASS
Band41	10MHz	QPSK	39700	25RB#25	20.56	PASS
Band41	10MHz	QPSK	39700	50RB#0	20.56	PASS
Band41	10MHz	QPSK	40620	1RB#0	21.66	PASS
Band41	10MHz	QPSK	40620	1RB#24	21.65	PASS
Band41	10MHz	QPSK	40620	1RB#49	21.59	PASS
Band41	10MHz	QPSK	40620	25RB#0	20.63	PASS
Band41	10MHz	QPSK	40620	25RB#12	20.67	PASS
Band41	10MHz	QPSK	40620	25RB#25	20.63	PASS
Band41	10MHz	QPSK	40620	50RB#0	20.67	PASS
Band41	10MHz	QPSK	41540	1RB#0	21.58	PASS
Band41	10MHz	QPSK	41540	1RB#24	21.51	PASS
Band41	10MHz	QPSK	41540	1RB#49	21.40	PASS
Band41	10MHz	QPSK	41540	25RB#0	20.57	PASS
Band41	10MHz	QPSK	41540	25RB#12	20.57	PASS
Band41	10MHz	QPSK	41540	25RB#25	20.47	PASS
Band41	10MHz	QPSK	41540	50RB#0	20.55	PASS
Band41	10MHz	16QAM	39700	1RB#0	20.56	PASS
Band41	10MHz	16QAM	39700	1RB#24	20.36	PASS
Band41	10MHz	16QAM	39700	1RB#49	20.37	PASS
Band41	10MHz	16QAM	39700	25RB#0	19.52	PASS
Band41	10MHz	16QAM	39700	25RB#12	19.58	PASS
Band41	10MHz	16QAM	39700	25RB#25	19.59	PASS
Band41	10MHz	16QAM	39700	50RB#0	19.57	PASS

Band41	10MHz	16QAM	40620	1RB#0	20.66	PASS
Band41	10MHz	16QAM	40620	1RB#24	20.54	PASS
Band41	10MHz	16QAM	40620	1RB#49	20.55	PASS
Band41	10MHz	16QAM	40620	25RB#0	19.73	PASS
Band41	10MHz	16QAM	40620	25RB#12	19.72	PASS
Band41	10MHz	16QAM	40620	25RB#25	19.68	PASS
Band41	10MHz	16QAM	40620	50RB#0	19.63	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.12	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.07	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.07	PASS
Band41	10MHz	16QAM	41540	25RB#0	19.61	PASS
Band41	10MHz	16QAM	41540	25RB#12	19.59	PASS
Band41	10MHz	16QAM	41540	25RB#25	19.56	PASS
Band41	10MHz	16QAM	41540	50RB#0	19.56	PASS
Band41	15MHz	QPSK	39725	1RB#0	21.66	PASS
Band41	15MHz	QPSK	39725	1RB#38	21.35	PASS
Band41	15MHz	QPSK	39725	1RB#74	21.37	PASS
Band41	15MHz	QPSK	39725	38RB#0	20.56	PASS
Band41	15MHz	QPSK	39725	38RB#18	20.55	PASS
Band41	15MHz	QPSK	39725	38RB#37	20.58	PASS
Band41	15MHz	QPSK	39725	75RB#0	20.53	PASS
Band41	15MHz	QPSK	40620	1RB#0	21.90	PASS
Band41	15MHz	QPSK	40620	1RB#38	21.77	PASS
Band41	15MHz	QPSK	40620	1RB#74	21.69	PASS
Band41	15MHz	QPSK	40620	38RB#0	20.69	PASS
Band41	15MHz	QPSK	40620	38RB#18	20.68	PASS
Band41	15MHz	QPSK	40620	38RB#37	20.68	PASS
Band41	15MHz	QPSK	40620	75RB#0	20.67	PASS
Band41	15MHz	QPSK	41515	1RB#0	21.76	PASS
Band41	15MHz	QPSK	41515	1RB#38	21.56	PASS
Band41	15MHz	QPSK	41515	1RB#74	21.56	PASS
Band41	15MHz	QPSK	41515	38RB#0	20.65	PASS
Band41	15MHz	QPSK	41515	38RB#18	20.64	PASS
Band41	15MHz	QPSK	41515	38RB#37	20.63	PASS
Band41	15MHz	QPSK	41515	75RB#0	20.69	PASS
Band41	15MHz	16QAM	39725	1RB#0	21.14	PASS
Band41	15MHz	16QAM	39725	1RB#38	20.98	PASS

Band41	15MHz	16QAM	39725	1RB#74	20.97	PASS
Band41	15MHz	16QAM	39725	38RB#0	20.53	PASS
Band41	15MHz	16QAM	39725	38RB#18	20.55	PASS
Band41	15MHz	16QAM	39725	38RB#37	20.56	PASS
Band41	15MHz	16QAM	39725	75RB#0	19.62	PASS
Band41	15MHz	16QAM	40620	1RB#0	20.73	PASS
Band41	15MHz	16QAM	40620	1RB#38	20.52	PASS
Band41	15MHz	16QAM	40620	1RB#74	20.60	PASS
Band41	15MHz	16QAM	40620	38RB#0	20.68	PASS
Band41	15MHz	16QAM	40620	38RB#18	20.68	PASS
Band41	15MHz	16QAM	40620	38RB#37	20.68	PASS
Band41	15MHz	16QAM	40620	75RB#0	19.69	PASS
Band41	15MHz	16QAM	41515	1RB#0	20.74	PASS
Band41	15MHz	16QAM	41515	1RB#38	20.67	PASS
Band41	15MHz	16QAM	41515	1RB#74	20.66	PASS
Band41	15MHz	16QAM	41515	38RB#0	20.69	PASS
Band41	15MHz	16QAM	41515	38RB#18	20.68	PASS
Band41	15MHz	16QAM	41515	38RB#37	20.63	PASS
Band41	15MHz	16QAM	41515	75RB#0	19.62	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.61	PASS
Band41	20MHz	QPSK	39750	1RB#49	21.49	PASS
Band41	20MHz	QPSK	39750	1RB#99	21.47	PASS
Band41	20MHz	QPSK	39750	50RB#0	20.69	PASS
Band41	20MHz	QPSK	39750	50RB#25	20.63	PASS
Band41	20MHz	QPSK	39750	50RB#50	20.50	PASS
Band41	20MHz	QPSK	39750	100RB#0	20.47	PASS
Band41	20MHz	QPSK	40620	1RB#0	21.93	PASS
Band41	20MHz	QPSK	40620	1RB#49	21.73	PASS
Band41	20MHz	QPSK	40620	1RB#99	21.70	PASS
Band41	20MHz	QPSK	40620	50RB#0	20.78	PASS
Band41	20MHz	QPSK	40620	50RB#25	20.76	PASS
Band41	20MHz	QPSK	40620	50RB#50	20.69	PASS
Band41	20MHz	QPSK	40620	100RB#0	20.73	PASS
Band41	20MHz	QPSK	41490	1RB#0	21.91	PASS
Band41	20MHz	QPSK	41490	1RB#49	21.70	PASS
Band41	20MHz	QPSK	41490	1RB#99	21.62	PASS
Band41	20MHz	QPSK	41490	50RB#0	20.79	PASS

Band41	20MHz	QPSK	41490	50RB#25	20.78	PASS
Band41	20MHz	QPSK	41490	50RB#50	20.55	PASS
Band41	20MHz	QPSK	41490	100RB#0	20.65	PASS
Band41	20MHz	16QAM	39750	1RB#0	20.73	PASS
Band41	20MHz	16QAM	39750	1RB#49	20.59	PASS
Band41	20MHz	16QAM	39750	1RB#99	20.63	PASS
Band41	20MHz	16QAM	39750	50RB#0	19.68	PASS
Band41	20MHz	16QAM	39750	50RB#25	19.67	PASS
Band41	20MHz	16QAM	39750	50RB#50	19.52	PASS
Band41	20MHz	16QAM	39750	100RB#0	19.58	PASS
Band41	20MHz	16QAM	40620	1RB#0	20.51	PASS
Band41	20MHz	16QAM	40620	1RB#49	20.28	PASS
Band41	20MHz	16QAM	40620	1RB#99	20.34	PASS
Band41	20MHz	16QAM	40620	50RB#0	19.79	PASS
Band41	20MHz	16QAM	40620	50RB#25	19.76	PASS
Band41	20MHz	16QAM	40620	50RB#50	19.74	PASS
Band41	20MHz	16QAM	40620	100RB#0	19.72	PASS
Band41	20MHz	16QAM	41490	1RB#0	20.82	PASS
Band41	20MHz	16QAM	41490	1RB#49	20.71	PASS
Band41	20MHz	16QAM	41490	1RB#99	20.61	PASS
Band41	20MHz	16QAM	41490	50RB#0	19.75	PASS
Band41	20MHz	16QAM	41490	50RB#25	19.69	PASS
Band41	20MHz	16QAM	41490	50RB#50	19.63	PASS
Band41	20MHz	16QAM	41490	100RB#0	19.67	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	5.42	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	5.89	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	5.55	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	6.19	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	5.05	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	5.49	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	5.97	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	6.52	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	6.23	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.61	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	6.05	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	6.14	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	5.33	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	5.43	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	5.15	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.67	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	5.02	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	5.52	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	5.79	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	6.56	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	6.15	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	6.66	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	5.83	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	6.64	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	4.85	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.76	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	5.05	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	5.96	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	4.94	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	6.15	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	6.01	13	PASS

Band41	15MHz	16QAM	39725	75RB#0	6.90	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	6.02	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	6.49	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	5.54	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	6.71	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	4.88	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	5.58	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	5.16	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	6.37	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	4.84	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	5.44	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	5.29	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	6.89	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	6.39	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	6.90	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	5.81	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	6.54	13	PASS

Test Graphs

Band41-5MHz-QPSK-39675-1RB#0



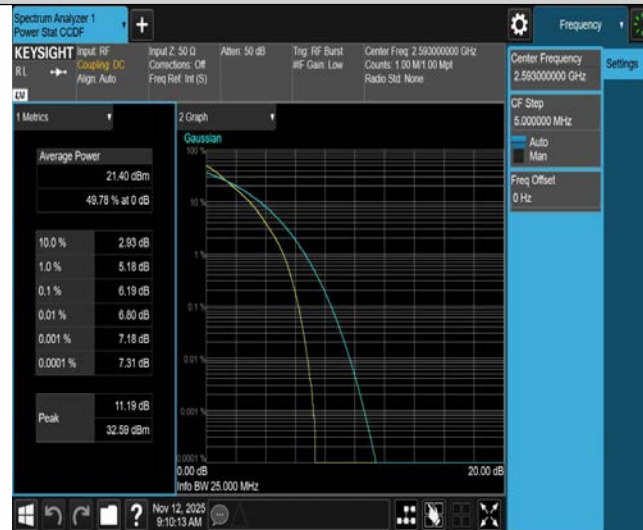
Band41-5MHz-QPSK-39675-25RB#0



Band41-5MHz-QPSK-40620-1RB#0



Band41-5MHz-QPSK-40620-25RB#0



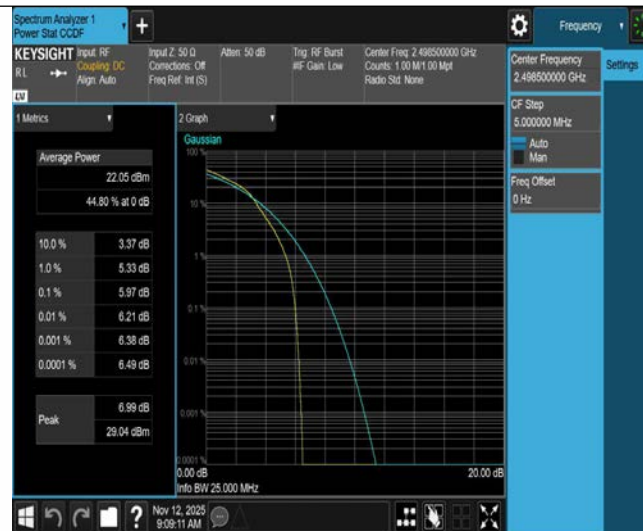
Band41-5MHz-QPSK-41565-1RB#0



Band41-5MHz-QPSK-41565-25RB#0



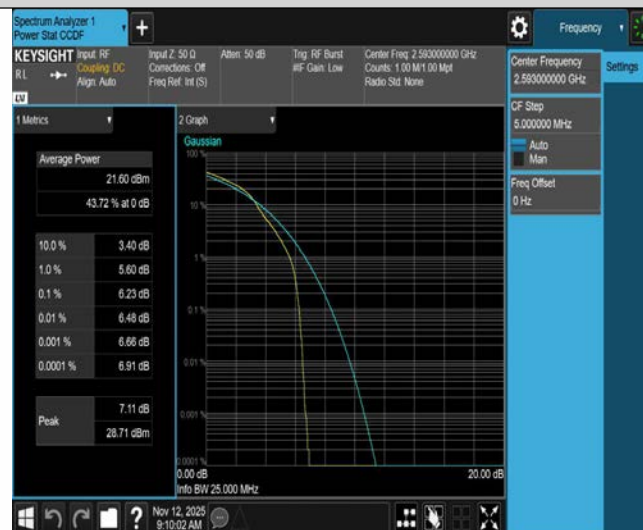
Band41-5MHz-16QAM-39675-1RB#0



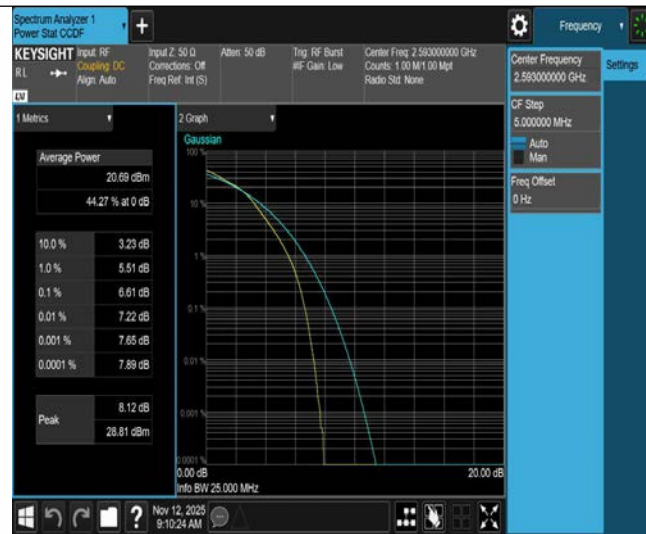
Band41-5MHz-16QAM-39675-25RB#0



Band41-5MHz-16QAM-40620-1RB#0



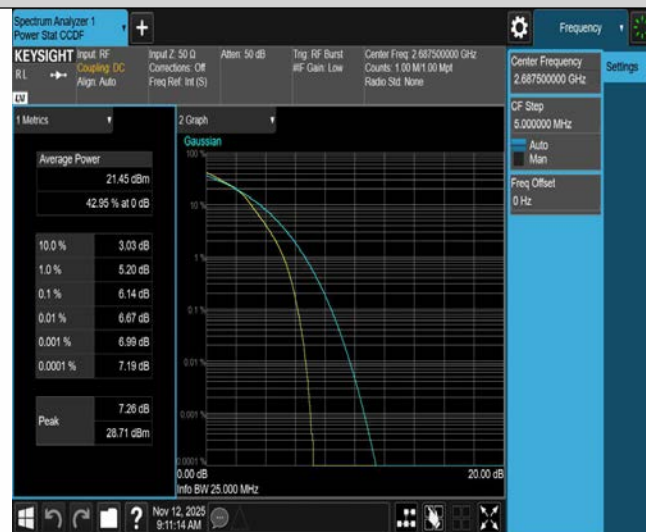
Band41-5MHz-16QAM-40620-25RB#0



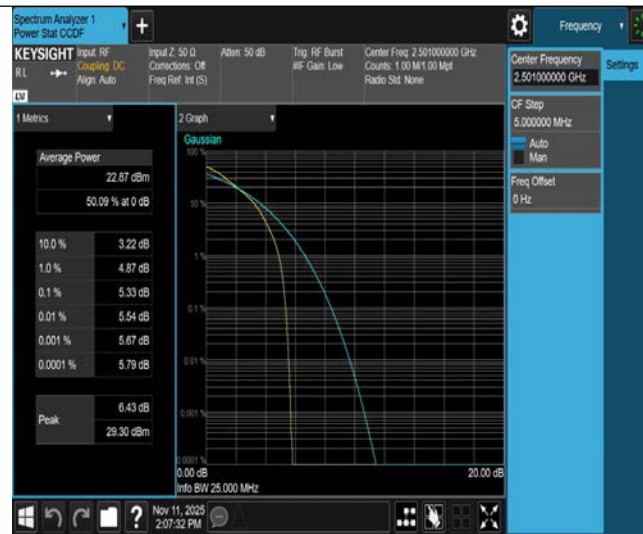
Band41-5MHz-16QAM-41565-1RB#0



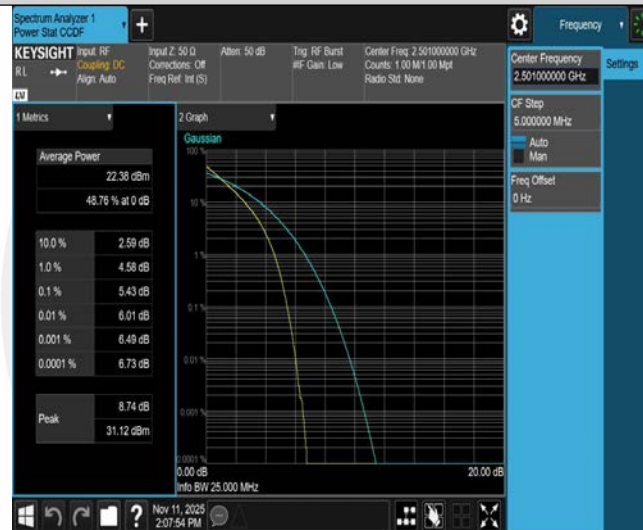
Band41-5MHz-16QAM-41565-25RB#0



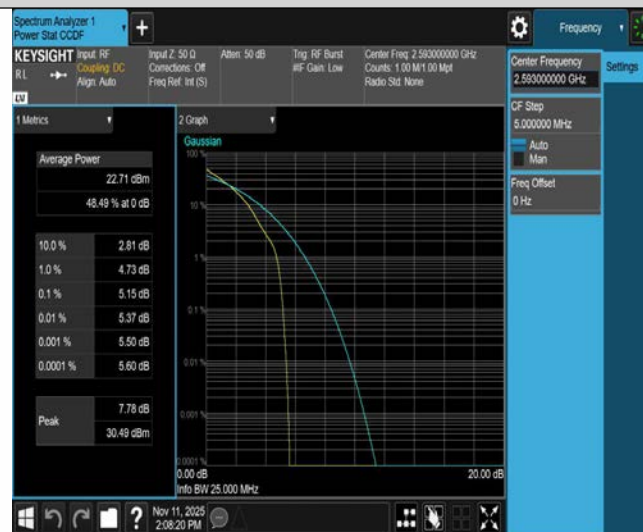
Band41-10MHz-QPSK-39700-1RB#0



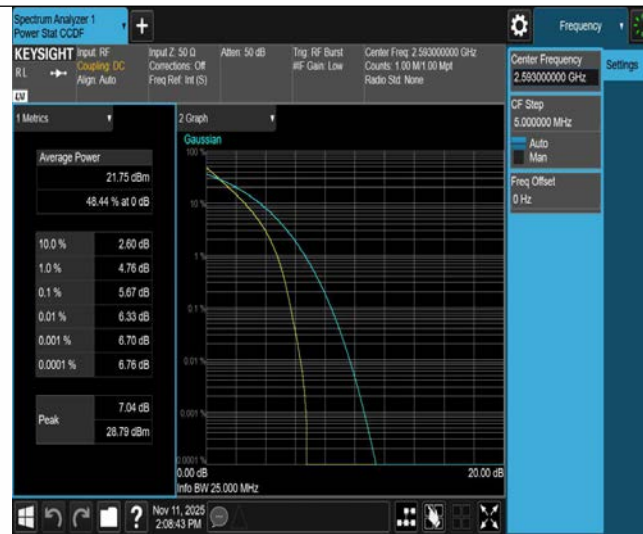
Band41-10MHz-QPSK-39700-50RB#0



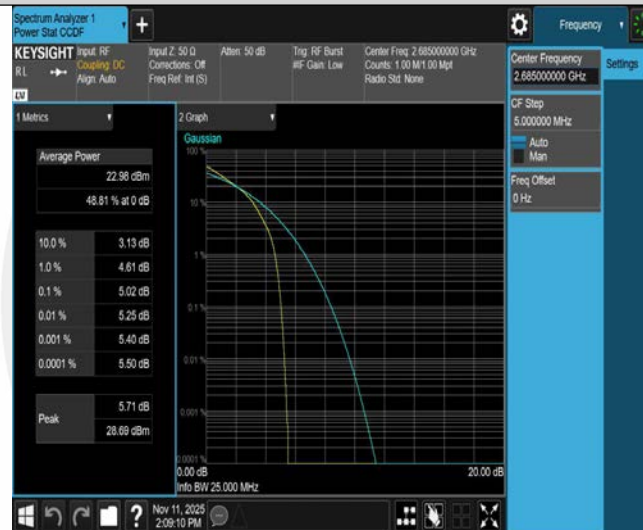
Band41-10MHz-QPSK-40620-1RB#0



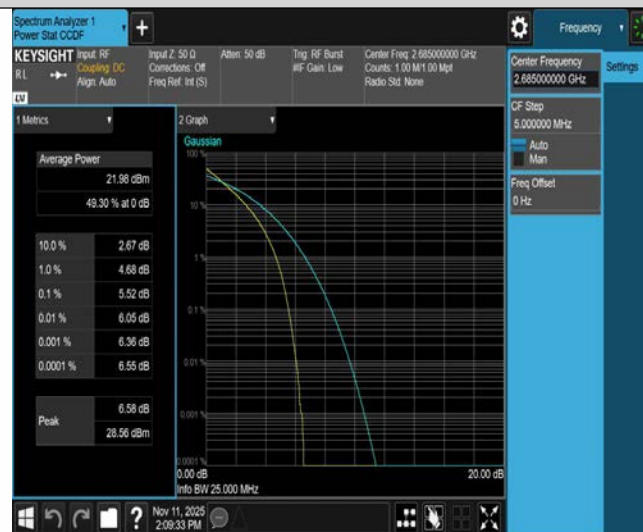
Band41-10MHz-QPSK-40620-50RB#0



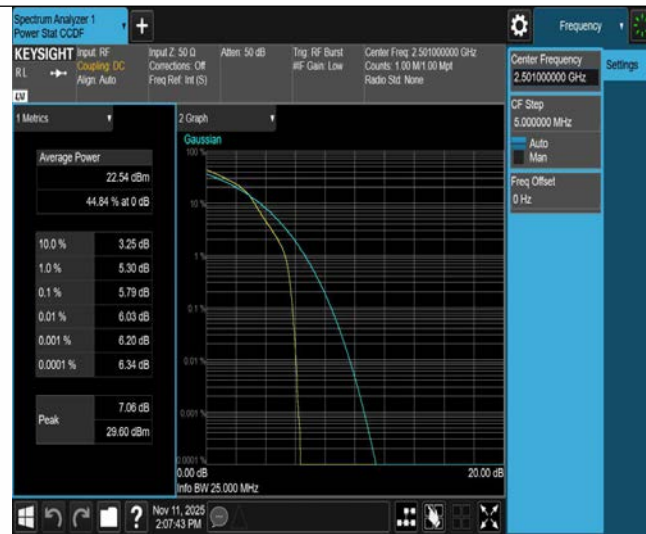
Band41-10MHz-QPSK-41540-1RB#0



Band41-10MHz-QPSK-41540-50RB#0



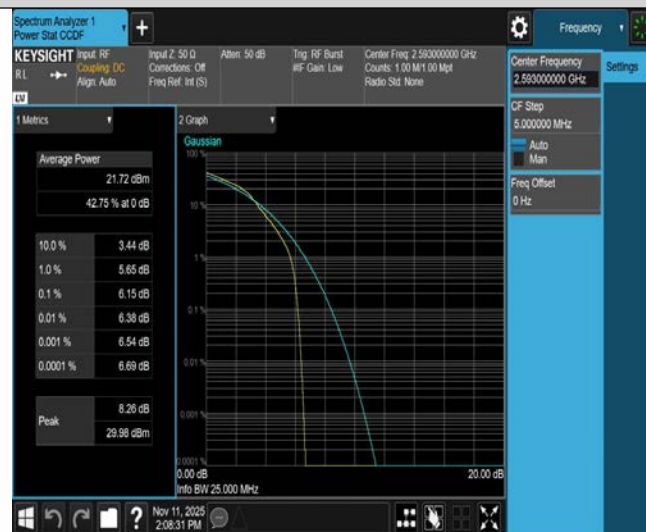
Band41-10MHz-16QAM-39700-1RB#0



Band41-10MHz-16QAM-39700-50RB#0



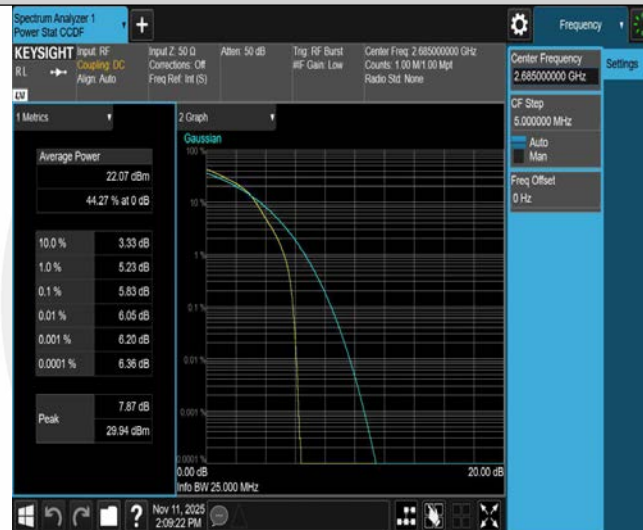
Band41-10MHz-16QAM-40620-1RB#0



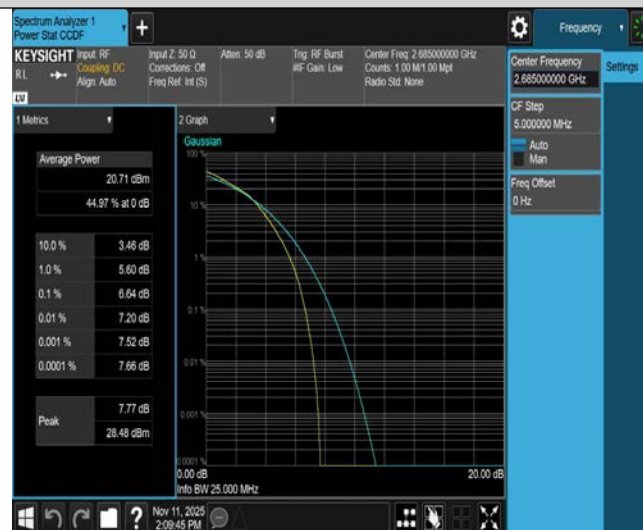
Band41-10MHz-16QAM-40620-50RB#0



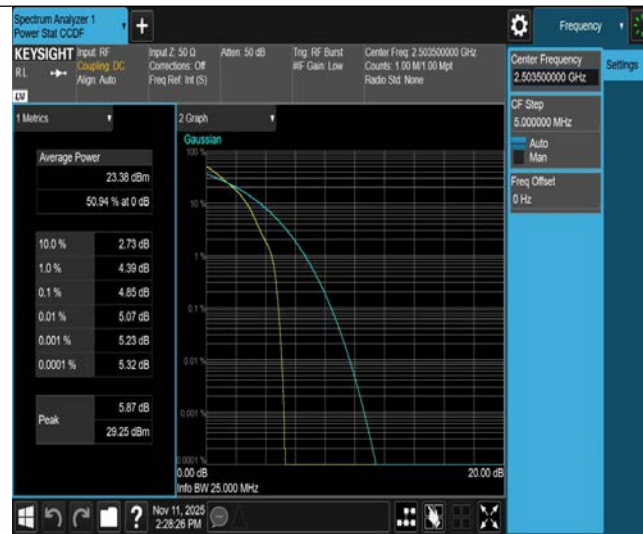
Band41-10MHz-16QAM-41540-1RB#0



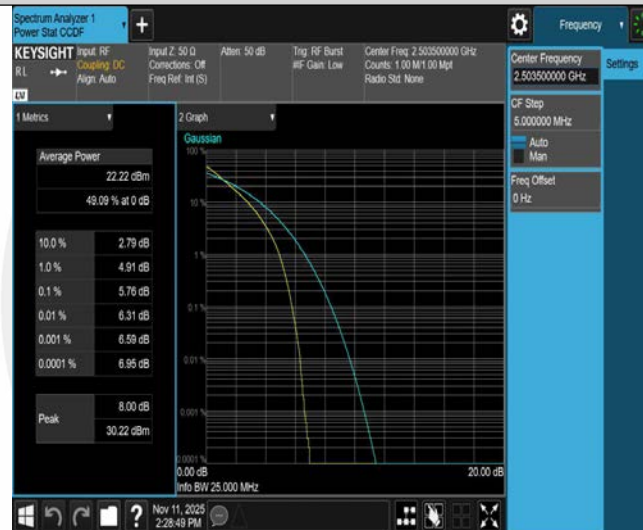
Band41-10MHz-16QAM-41540-50RB#0



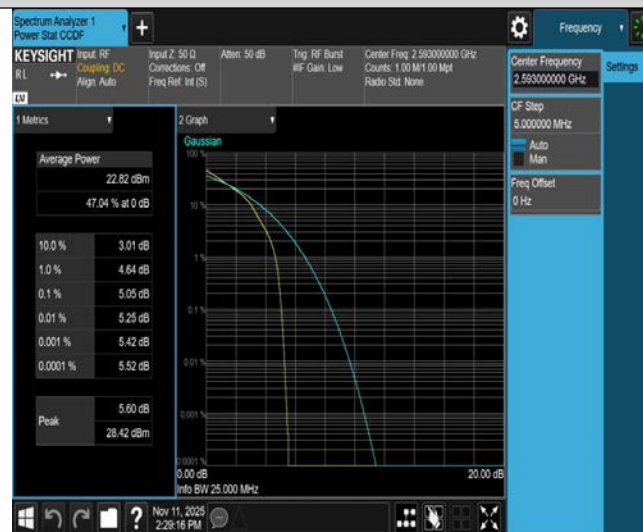
Band41-15MHz-QPSK-39725-1RB#0



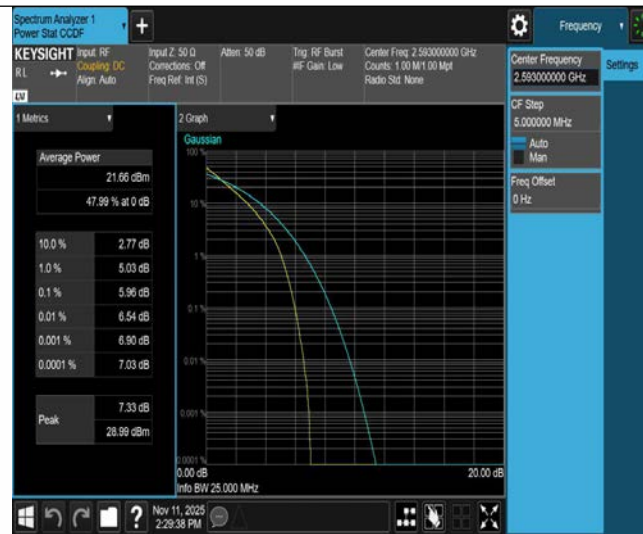
Band41-15MHz-QPSK-39725-75RB#0



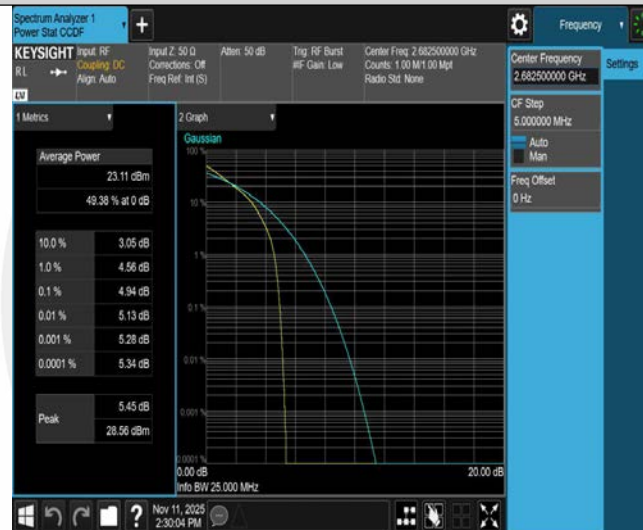
Band41-15MHz-QPSK-40620-1RB#0



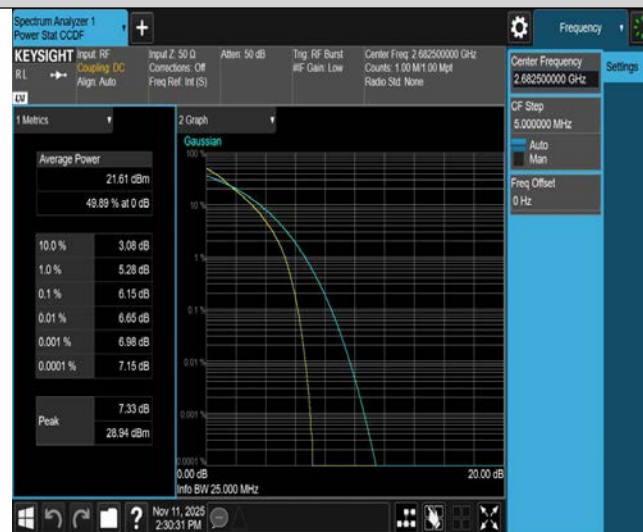
Band41-15MHz-QPSK-40620-75RB#0



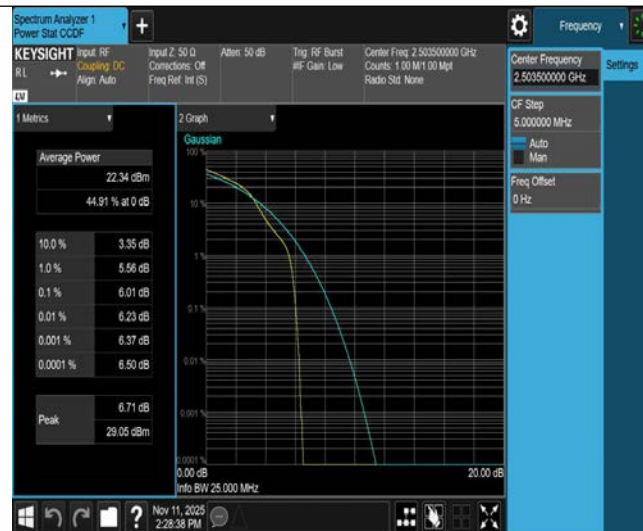
Band41-15MHz-QPSK-41515-1RB#0



Band41-15MHz-QPSK-41515-75RB#0



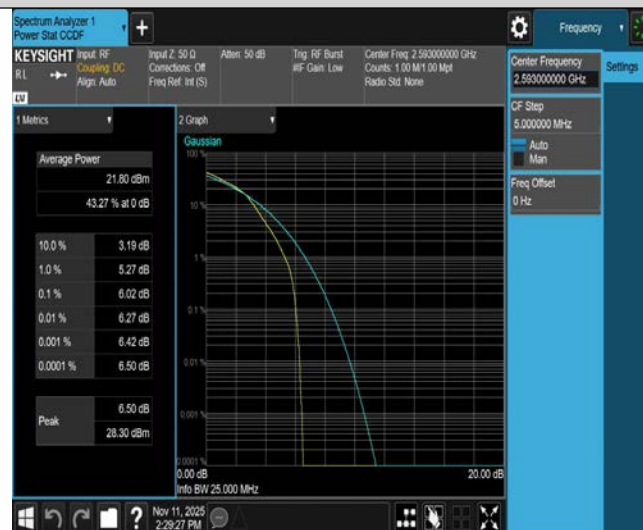
Band41-15MHz-16QAM-39725-1RB#0



Band41-15MHz-16QAM-39725-75RB#0



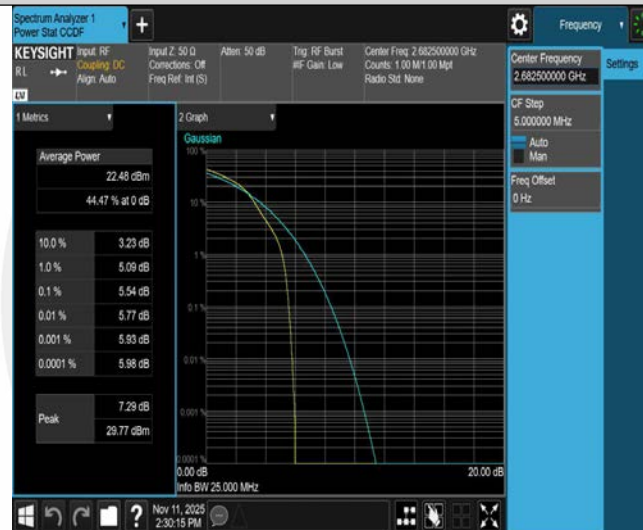
Band41-15MHz-16QAM-40620-1RB#0



Band41-15MHz-16QAM-40620-75RB#0



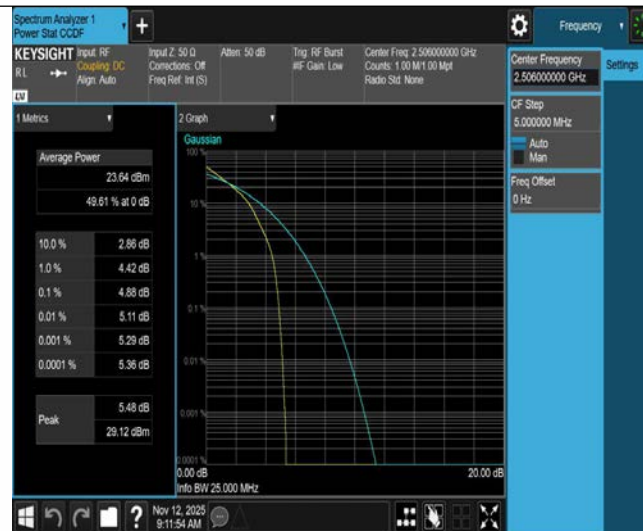
Band41-15MHz-16QAM-41515-1RB#0



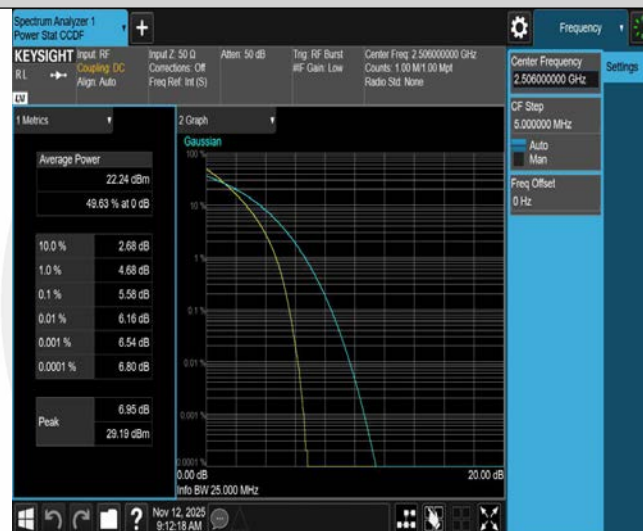
Band41-15MHz-16QAM-41515-75RB#0



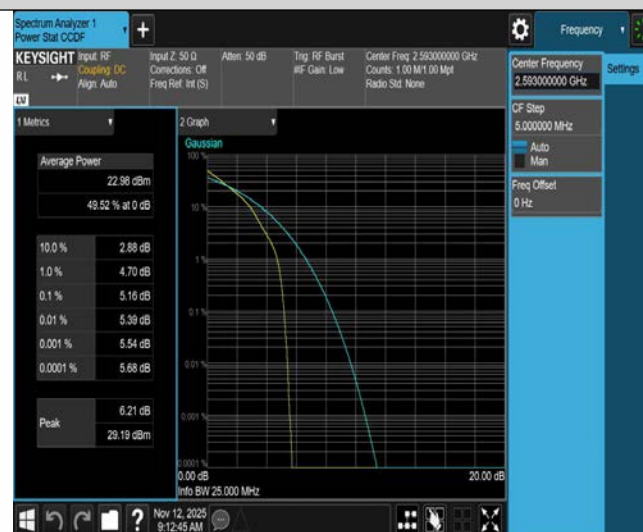
Band41-20MHz-QPSK-39750-1RB#0



Band41-20MHz-QPSK-39750-100RB#0



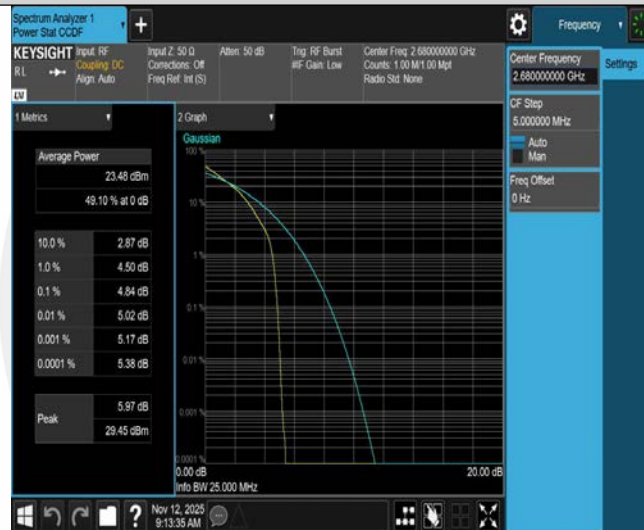
Band41-20MHz-QPSK-40620-1RB#0



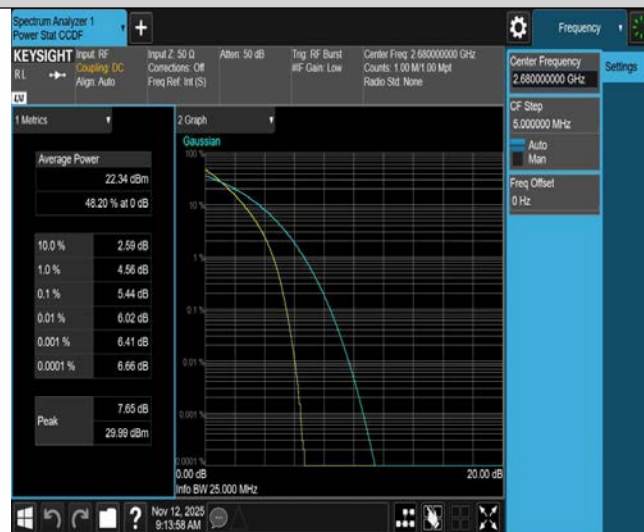
Band41-20MHz-QPSK-40620-100RB#0



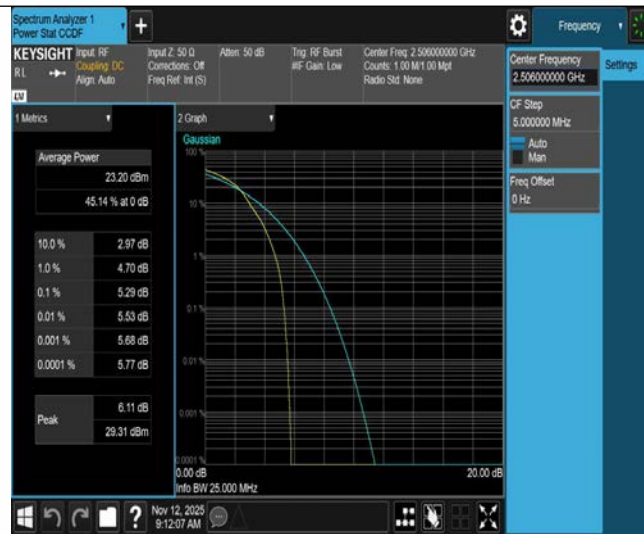
Band41-20MHz-QPSK-41490-1RB#0



Band41-20MHz-QPSK-41490-100RB#0



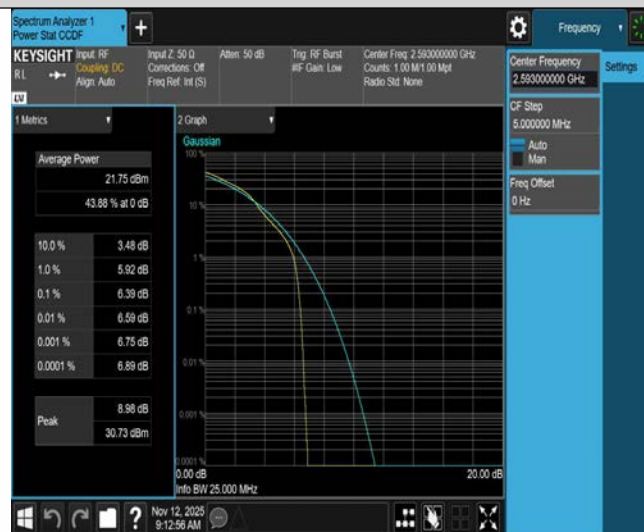
Band41-20MHz-16QAM-39750-1RB#0



Band41-20MHz-16QAM-39750-100RB#0



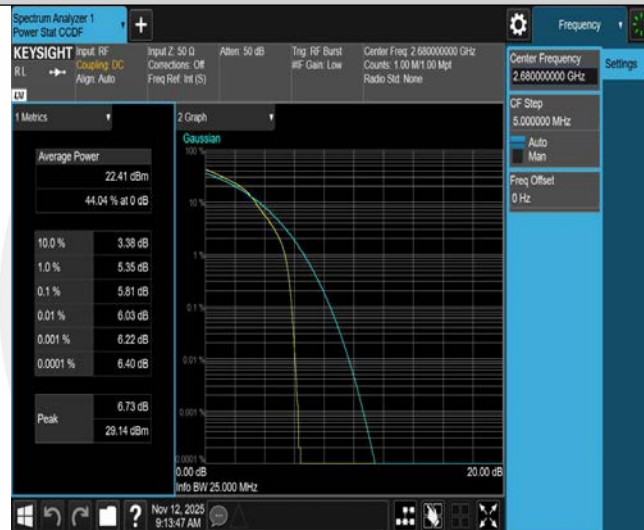
Band41-20MHz-16QAM-40620-1RB#0



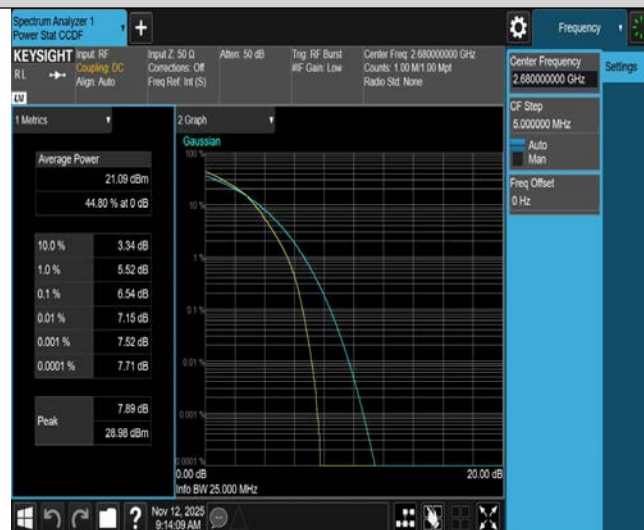
Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-16QAM-41490-1RB#0



Band41-20MHz-16QAM-41490-100RB#0



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.4974	4.867	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4983	4.808	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4948	4.866	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5016	4.825	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5006	4.833	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4949	4.816	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9712	9.505	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9678	9.553	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9675	9.535	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9654	9.513	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9557	9.504	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9724	9.513	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.447	14.26	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.462	14.24	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.441	14.23	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.443	14.25	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.443	14.25	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.451	14.24	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.902	18.93	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.923	18.96	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.876	18.95	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.883	18.93	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.912	18.94	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.865	18.91	PASS

Test Graphs

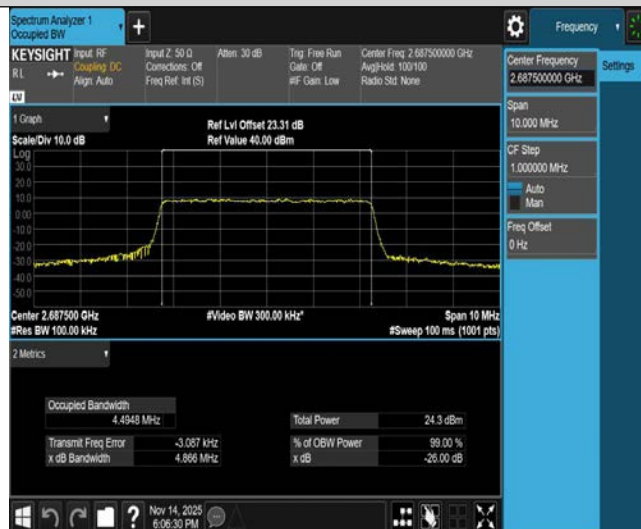
Band41-5MHz-QPSK-39675-25RB#0



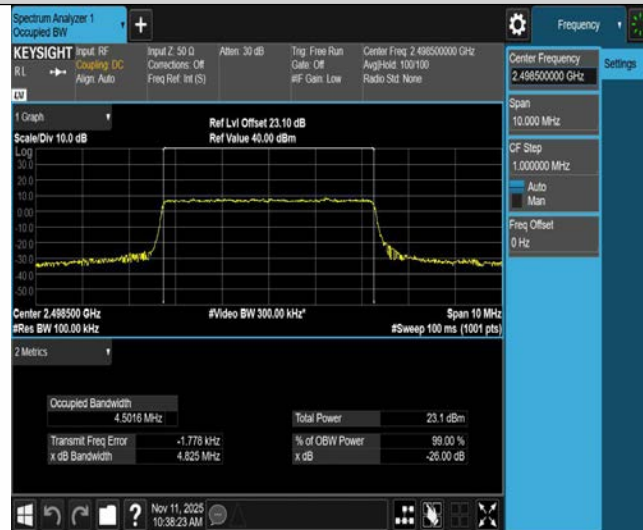
Band41-5MHz-QPSK-40620-25RB#0



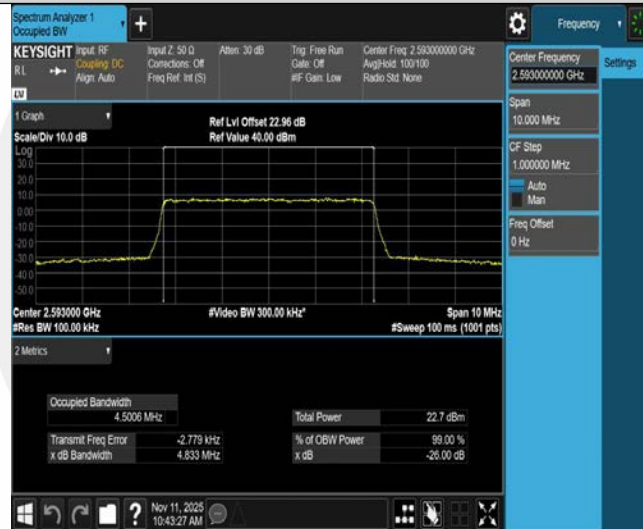
Band41-5MHz-QPSK-41565-25RB#0



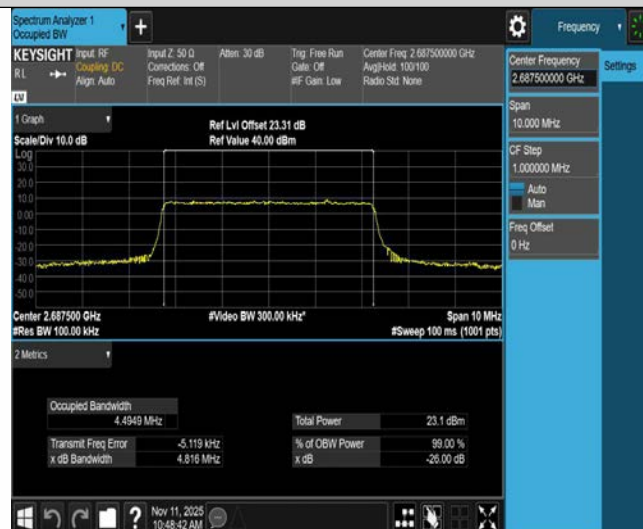
Band41-5MHz-16QAM-39675-25RB#0



Band41-5MHz-16QAM-40620-25RB#0



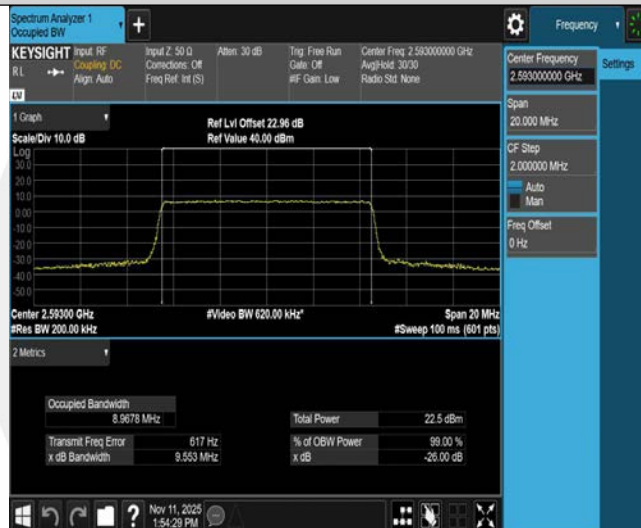
Band41-5MHz-16QAM-41565-25RB#0



Band41-10MHz-QPSK-39700-50RB#0



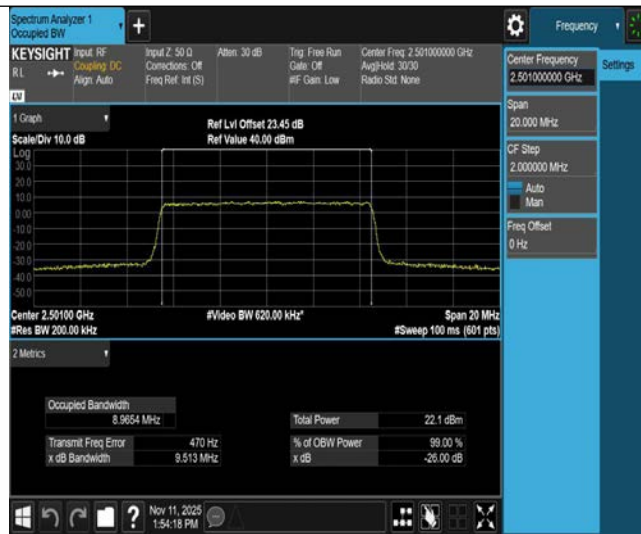
Band41-10MHz-QPSK-40620-50RB#0



Band41-10MHz-QPSK-41540-50RB#0



Band41-10MHz-16QAM-39700-50RB#0



Band41-10MHz-16QAM-40620-50RB#0



Band41-10MHz-16QAM-41540-50RB#0



Band41-15MHz-QPSK-39725-75RB#0



Band41-15MHz-QPSK-40620-75RB#0



Band41-15MHz-QPSK-41515-75RB#0



Band41-15MHz-16QAM-39725-75RB#0



Band41-15MHz-16QAM-40620-75RB#0



Band41-15MHz-16QAM-41515-75RB#0



Band41-20MHz-QPSK-39750-100RB#0



Band41-20MHz-QPSK-40620-100RB#0



Band41-20MHz-QPSK-41490-100RB#0



Band41-20MHz-16QAM-39750-100RB#0



Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-16QAM-41490-100RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-46.92,-39.47,-20.64	PASS
Band41	5MHz	QPSK	39675	1RB#24	-47.05,-45.46,-46.20	PASS
Band41	5MHz	QPSK	39675	25RB#0	-46.05,-40.88,-30.55	PASS
Band41	5MHz	QPSK	41565	1RB#0	-45.36,-45.62,-46.50,-46.68	PASS
Band41	5MHz	QPSK	41565	1RB#24	-23.25,-38.72,-45.72,-46.67	PASS
Band41	5MHz	QPSK	41565	25RB#0	-30.16,-37.78,-42.89,-45.69	PASS
Band41	5MHz	16QAM	39675	1RB#0	-46.40,-39.48,-21.23	PASS
Band41	5MHz	16QAM	39675	1RB#24	-46.95,-46.09,-45.67	PASS
Band41	5MHz	16QAM	39675	25RB#0	-43.19,-37.80,-36.67	PASS
Band41	5MHz	16QAM	41565	1RB#0	-45.19,-45.84,-46.41,-46.46	PASS
Band41	5MHz	16QAM	41565	1RB#24	-25.06,-39.89,-46.13,-46.31	PASS
Band41	5MHz	16QAM	41565	25RB#0	-32.50,-37.88,-42.80,-43.24	PASS
Band41	10MHz	QPSK	39700	1RB#0	-44.29,-39.09,-27.77	PASS
Band41	10MHz	QPSK	39700	1RB#49	-44.35,-43.67,-44.21	PASS
Band41	10MHz	QPSK	39700	50RB#0	-42.58,-38.77,-36.11	PASS
Band41	10MHz	QPSK	41540	1RB#0	-43.77,-43.65,-44.02,-44.05	PASS
Band41	10MHz	QPSK	41540	1RB#49	-27.32,-40.73,-43.69,-43.91	PASS
Band41	10MHz	QPSK	41540	50RB#0	-37.05,-37.50,-40.56,-42.17	PASS
Band41	10MHz	16QAM	39700	1RB#0	-44.30,-40.02,-28.95	PASS
Band41	10MHz	16QAM	39700	1RB#49	-44.36,-43.68,-44.30	PASS
Band41	10MHz	16QAM	39700	50RB#0	-41.90,-36.86,-34.41	PASS
Band41	10MHz	16QAM	41540	1RB#0	-43.84,-43.69,-44.00,-44.05	PASS
Band41	10MHz	16QAM	41540	1RB#49	-30.48,-40.65,-43.81,-43.99	PASS
Band41	10MHz	16QAM	41540	50RB#0	-36.21,-37.22,-39.36,-42.02	PASS
Band41	15MHz	QPSK	39725	1RB#0	-42.61,-38.78,-28.74	PASS
Band41	15MHz	QPSK	39725	1RB#74	-42.65,-42.29,-42.51	PASS
Band41	15MHz	QPSK	39725	75RB#0	-40.92,-37.60,-35.34	PASS
Band41	15MHz	QPSK	41515	1RB#0	-42.28,-42.20,-42.05,-42.31	PASS
Band41	15MHz	QPSK	41515	1RB#74	-29.11,-39.99,-40.98,-42.27	PASS
Band41	15MHz	QPSK	41515	75RB#0	-33.82,-36.95,-39.51,-40.84	PASS
Band41	15MHz	16QAM	39725	1RB#0	-42.58,-37.36,-30.72	PASS
Band41	15MHz	16QAM	39725	1RB#74	-42.60,-42.21,-42.63	PASS

Band41	15MHz	16QAM	39725	75RB#0	-40.97,-36.14,-35.70	PASS
Band41	15MHz	16QAM	41515	1RB#0	-42.17,-42.24,-42.16,-42.34	PASS
Band41	15MHz	16QAM	41515	1RB#74	-28.43,-39.52,-40.87,-42.28	PASS
Band41	15MHz	16QAM	41515	75RB#0	-35.34,-35.66,-38.01,-40.47	PASS
Band41	20MHz	QPSK	39750	1RB#0	-41.49,-39.93,-27.95	PASS
Band41	20MHz	QPSK	39750	1RB#99	-41.43,-41.38,-41.43	PASS
Band41	20MHz	QPSK	39750	100RB#0	-40.89,-36.06,-36.00	PASS
Band41	20MHz	QPSK	41490	1RB#0	-41.09,-26.40,-40.66,-41.14	PASS
Band41	20MHz	QPSK	41490	1RB#99	-29.30,-39.74,-40.23,-40.80	PASS
Band41	20MHz	QPSK	41490	100RB#0	-34.53,-36.35,-38.06,-39.96	PASS
Band41	20MHz	16QAM	39750	1RB#0	-41.42,-39.99,-28.75	PASS
Band41	20MHz	16QAM	39750	1RB#99	-41.49,-41.31,-41.52	PASS
Band41	20MHz	16QAM	39750	100RB#0	-40.89,-35.71,-35.23	PASS
Band41	20MHz	16QAM	41490	1RB#0	-41.07,-26.35,-40.95,-41.15	PASS
Band41	20MHz	16QAM	41490	1RB#99	-30.76,-39.98,-40.35,-40.94	PASS
Band41	20MHz	16QAM	41490	100RB#0	-36.12,-37.00,-37.61,-40.29	PASS

Test Graphs

Band41-5MHz-QPSK-39675-1RB#0



Band41-5MHz-QPSK-39675-1RB#24



Band41-5MHz-QPSK-39675-25RB#0



Band41-5MHz-QPSK-41565-1RB#0



Band41-5MHz-QPSK-41565-1RB#24



Band41-5MHz-QPSK-41565-25RB#0



Band41-5MHz-16QAM-39675-1RB#0



Band41-5MHz-16QAM-39675-1RB#24



Band41-5MHz-16QAM-39675-25RB#0



Band41-5MHz-16QAM-41565-1RB#0



Band41-5MHz-16QAM-41565-1RB#24



Band41-5MHz-16QAM-41565-25RB#0



Band41-10MHz-QPSK-39700-1RB#0



Band41-10MHz-QPSK-39700-1RB#49



Band41-10MHz-QPSK-39700-50RB#0



Band41-10MHz-QPSK-41540-1RB#0



Band41-10MHz-QPSK-41540-1RB#49



Band41-10MHz-QPSK-41540-50RB#0



Band41-10MHz-16QAM-39700-1RB#0



Band41-10MHz-16QAM-39700-1RB#49



Band41-10MHz-16QAM-39700-50RB#0



Band41-10MHz-16QAM-41540-1RB#0



Band41-10MHz-16QAM-41540-1RB#49



Band41-10MHz-16QAM-41540-50RB#0



Band41-15MHz-QPSK-39725-1RB#0



Band41-15MHz-QPSK-39725-1RB#74



Band41-15MHz-QPSK-39725-75RB#0



Band41-15MHz-QPSK-41515-1RB#0



Band41-15MHz-QPSK-41515-1RB#74



Band41-15MHz-QPSK-41515-75RB#0



Band41-15MHz-16QAM-39725-1RB#0



Band41-15MHz-16QAM-39725-1RB#74



Band41-15MHz-16QAM-39725-75RB#0



Band41-15MHz-16QAM-41515-1RB#0



Band41-15MHz-16QAM-41515-1RB#74



Band41-15MHz-16QAM-41515-75RB#0



Band41-20MHz-QPSK-39750-1RB#0



Band41-20MHz-QPSK-39750-1RB#99



Band41-20MHz-QPSK-39750-100RB#0



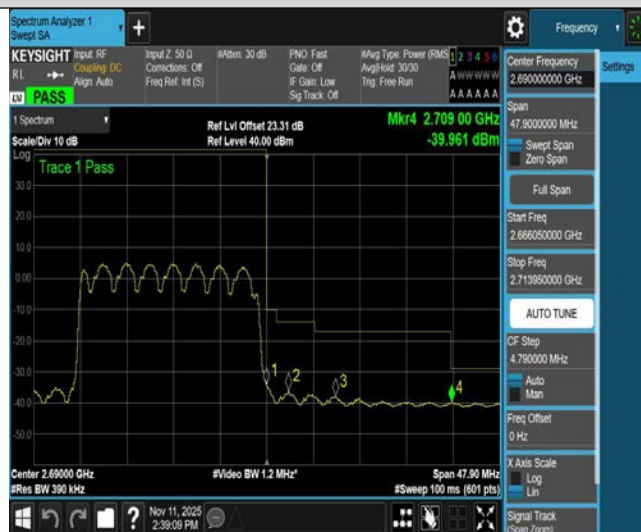
Band41-20MHz-QPSK-41490-1RB#0



Band41-20MHz-QPSK-41490-1RB#99



Band41-20MHz-QPSK-41490-100RB#0



Band41-20MHz-16QAM-39750-1RB#0



Band41-20MHz-16QAM-39750-1RB#99



Band41-20MHz-16QAM-39750-100RB#0



Band41-20MHz-16QAM-41490-1RB#0



Band41-20MHz-16QAM-41490-1RB#99



Band41-20MHz-16QAM-41490-100RB#0



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	Range1:30~1000MHz	-56.78	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range2:1000~3000MHz	-28.07	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range3:3000~26500MHz	-38.68	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-50.89	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-29.27	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-38.64	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range1:30~1000MHz	-57.08	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range2:1000~3000MHz	-29.56	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range3:3000~26500MHz	-38.43	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range1:30~1000MHz	-56.43	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range2:1000~3000MHz	-28.94	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range3:3000~26500MHz	-38.96	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-55.93	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-29.5	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-39.31	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range1:30~1000MHz	-56.24	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range2:1000~	-29.34	PASS

					3000MHz		
Band41	5MHz	16QAM	41565	1RB#0	Range3:3000~26500MHz	-37.89	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:30~1000MHz	-56.46	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range2:1000~3000MHz	-29.12	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range3:3000~26500MHz	-38.22	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-56.32	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-28.88	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-39.12	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range1:30~1000MHz	-57.11	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range2:1000~3000MHz	-30.57	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range3:3000~26500MHz	-38.09	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range1:30~1000MHz	-56.93	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range2:1000~3000MHz	-29.29	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range3:3000~26500MHz	-38.91	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-57.09	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-28.56	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-38.81	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range1:30~1000MHz	-57.66	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range2:1000~3000MHz	-29.85	PASS

Band41	10MHz	16QAM	41540	1RB#0	Range3:3000~26500MHz	-38.88	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:30~1000MHz	-57.39	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range2:1000~3000MHz	-29.39	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range3:3000~26500MHz	-37.83	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-55.99	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-29.61	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-39.45	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:30~1000MHz	-56.62	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range2:1000~3000MHz	-30.17	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range3:3000~26500MHz	-37.61	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range1:30~1000MHz	-55.72	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range2:1000~3000MHz	-28.75	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range3:3000~26500MHz	-38.83	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-55.76	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-30.29	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-38.85	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range1:30~1000MHz	-56.85	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range2:1000~3000MHz	-29.19	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range3:3000~	-39.36	PASS

					26500MHz		
Band41	20MHz	QPSK	39750	1RB#0	Range1:30~1000MHz	-56.32	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range2:1000~3000MHz	-28.87	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range3:3000~26500MHz	-38.74	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-56.18	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-29.5	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-39.16	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:30~1000MHz	-57.09	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range2:1000~3000MHz	-29.56	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range3:3000~26500MHz	-38.15	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range1:30~1000MHz	-57.34	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range2:1000~3000MHz	-28.97	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range3:3000~26500MHz	-38.9	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-55.93	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-29.34	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-39.16	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range1:30~1000MHz	-56.84	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range2:1000~3000MHz	-28.7	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range3:3000~26500MHz	-37.89	PASS

Test Graphs

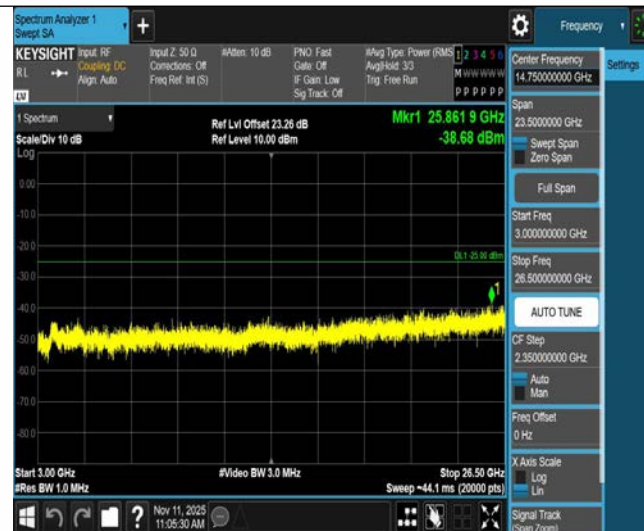
Band41-5MHz-QPSK-39675-1RB#0-Range1:30~1000MHz



Band41-5MHz-QPSK-39675-1RB#0-Range2:1000~3000MHz



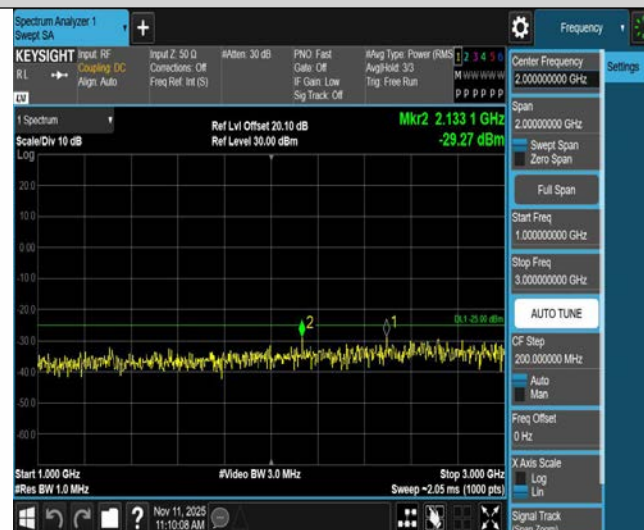
Band41-5MHz-QPSK-39675-1RB#0-Range3:3000~26500MHz



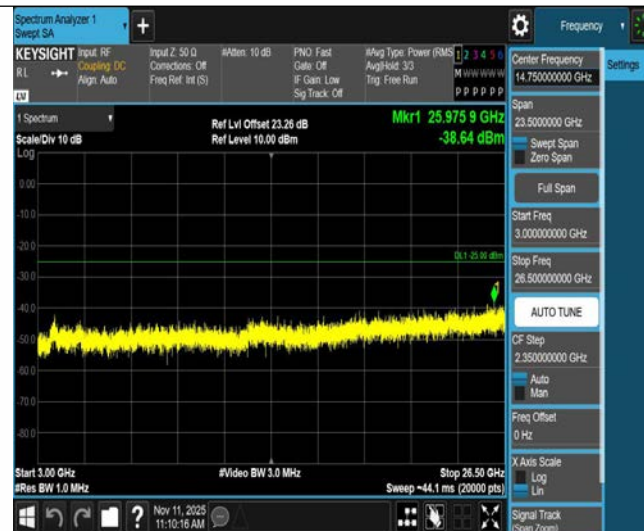
Band41-5MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



Band41-5MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz



Band41-5MHz-QPSK-40620-1RB#0-Range3:3000~26500MHz



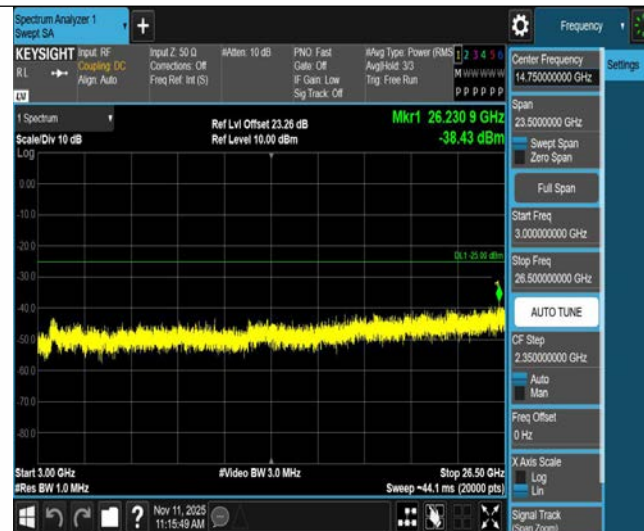
Band41-5MHz-QPSK-41565-1RB#0-Range1:30~1000MHz



Band41-5MHz-QPSK-41565-1RB#0-Range2:1000~3000MHz



Band41-5MHz-QPSK-41565-1RB#0-Range3:3000~26500MHz



Band41-5MHz-16QAM-39675-1RB#0-Range1:30~1000MHz



Band41-5MHz-16QAM-39675-1RB#0-Range2:1000~3000MHz



Band41-5MHz-16QAM-39675-1RB#0-Range3:3000~26500MHz



Band41-5MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



Band41-5MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz



Band41-5MHz-16QAM-40620-1RB#0-Range3:3000~26500MHz



Band41-5MHz-16QAM-41565-1RB#0-Range1:30~1000MHz



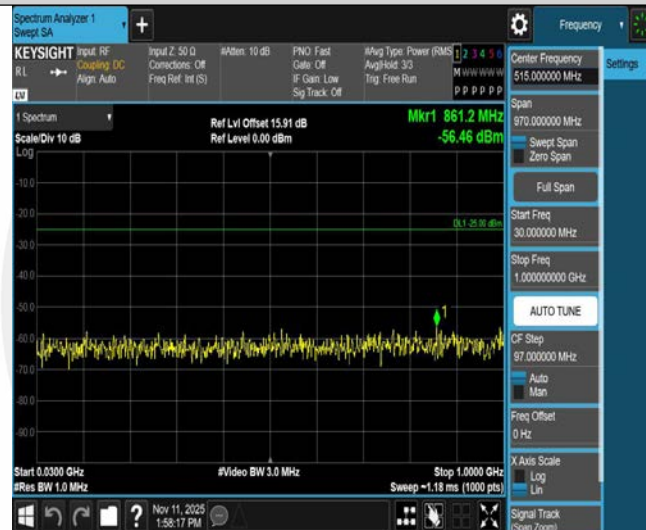
Band41-5MHz-16QAM-41565-1RB#0-Range2:1000~3000MHz



Band41-5MHz-16QAM-41565-1RB#0-Range3:3000~26500MHz



Band41-10MHz-QPSK-39700-1RB#0-Range1:30~1000MHz



Band41-10MHz-QPSK-39700-1RB#0-Range2:1000~3000MHz



Band41-10MHz-QPSK-39700-1RB#0-Range3:3000~26500MHz



Band41-10MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



Band41-10MHz-QPSK-40620-1RB#0-Range2:1000~3000MHz



Band41-10MHz-QPSK-40620-1RB#0-Range3:3000~26500MHz



Band41-10MHz-QPSK-41540-1RB#0-Range1:30~1000MHz



Band41-10MHz-QPSK-41540-1RB#0-Range2:1000~3000MHz



Band41-10MHz-QPSK-41540-1RB#0-Range3:3000~26500MHz