LTE Band41 Test Data

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Appendix A: Effective (Isotropic) Radiated Power Output Data

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Appendix B: Peak-to-Average Ratio

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Appendix C: 26dB Bandwidth and Occupied Bandwidth

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Appendix E: Conducted Spurious Emission

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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	21.09	PASS
Band41	5MHz	QPSK	39675	1RB#12	21.13	PASS
Band41	5MHz	QPSK	39675	1RB#24	21.06	PASS
Band41	5MHz	QPSK	39675	12RB#0	20.20	PASS
Band41	5MHz	QPSK	39675	12RB#6	20.17	PASS
Band41	5MHz	QPSK	39675	12RB#13	20.22	PASS
Band41	5MHz	QPSK	39675	25RB#0	20.18	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.25	PASS
Band41	5MHz	QPSK	40620	1RB#12	22.20	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.12	PASS
Band41	5MHz	QPSK	40620	12RB#0	21.31	PASS
Band41	5MHz	QPSK	40620	12RB#6	21.35	PASS
Band41	5MHz	QPSK	40620	12RB#13	21.21	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.35	PASS
Band41	5MHz	QPSK	41565	1RB#0	21.80	PASS
Band41	5MHz	QPSK	41565	1RB#12	21.90	PASS
Band41	5MHz	QPSK	41565	1RB#24	21.86	PASS
Band41	5MHz	QPSK	41565	12RB#0	20.89	PASS
Band41	5MHz	QPSK	41565	12RB#6	20.85	PASS
Band41	5MHz	QPSK	41565	12RB#13	20.95	PASS
Band41	5MHz	QPSK	41565	25RB#0	20.91	PASS
Band41	5MHz	16QAM	39675	1RB#0	20.50	PASS
Band41	5MHz	16QAM	39675	1RB#12	20.53	PASS
Band41	5MHz	16QAM	39675	1RB#24	20.47	PASS
Band41	5MHz	16QAM	39675	12RB#0	19.27	PASS
Band41	5MHz	16QAM	39675	12RB#6	19.25	PASS
Band41	5MHz	16QAM	39675	12RB#13	19.32	PASS
Band41	5MHz	16QAM	39675	25RB#0	19.27	PASS
Band41	5MHz	16QAM	40620	1RB#0	21.61	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.57	PASS
Band41	5MHz	16QAM	40620	1RB#24	21.52	PASS
Band41	5MHz	16QAM	40620	12RB#0	20.50	PASS
Band41	5MHz	16QAM	40620	12RB#6	20.49	PASS

Band41	5MHz	16QAM	40620	12RB#13	20.36	PASS
Band41	5MHz	16QAM	40620	25RB#0	20.46	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.18	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.27	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.15	PASS
Band41	5MHz	16QAM	41565	12RB#0	20.05	PASS
Band41	5MHz	16QAM	41565	12RB#6	20.01	PASS
Band41	5MHz	16QAM	41565	12RB#13	20.08	PASS
Band41	5MHz	16QAM	41565	25RB#0	19.92	PASS
Band41	10MHz	QPSK	39700	1RB#0	21.08	PASS
Band41	10MHz	QPSK	39700	1RB#24	21.19	PASS
Band41	10MHz	QPSK	39700	1RB#49	21.23	PASS
Band41	10MHz	QPSK	39700	25RB#0	20.20	PASS
Band41	10MHz	QPSK	39700	25RB#12	20.15	PASS
Band41	10MHz	QPSK	39700	25RB#25	20.19	PASS
Band41	10MHz	QPSK	39700	50RB#0	20.15	PASS
Band41	10MHz	QPSK	40620	1RB#0	22.33	PASS
Band41	10MHz	QPSK	40620	1RB#24	22.22	PASS
Band41	10MHz	QPSK	40620	1RB#49	22.20	PASS
Band41	10MHz	QPSK	40620	25RB#0	21.37	PASS
Band41	10MHz	QPSK	40620	25RB#12	21.36	PASS
Band41	10MHz	QPSK	40620	25RB#25	21.25	PASS
Band41	10MHz	QPSK	40620	50RB#0	21.35	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.46	PASS
Band41	10MHz	QPSK	41540	1RB#24	21.93	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.42	PASS
Band41	10MHz	QPSK	41540	25RB#0	21.17	PASS
Band41	10MHz	QPSK	41540	25RB#12	21.13	PASS
Band41	10MHz	QPSK	41540	25RB#25	21.16	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.08	PASS
Band41	10MHz	16QAM	39700	1RB#0	20.58	PASS
Band41	10MHz	16QAM	39700	1RB#24	20.22	PASS
Band41	10MHz	16QAM	39700	1RB#49	20.22	PASS
Band41	10MHz	16QAM	39700	25RB#0	19.25	PASS
Band41	10MHz	16QAM	39700	25RB#12	19.25	PASS
Band41	10MHz	16QAM	39700	25RB#25	19.31	PASS
Band41	10MHz	16QAM	39700	50RB#0	19.26	PASS

Band41	10MHz	16QAM	40620	1RB#0	21.34	PASS
Band41	10MHz	16QAM	40620	1RB#24	21.22	PASS
Band41	10MHz	16QAM	40620	1RB#49	21.21	PASS
Band41	10MHz	16QAM	40620	25RB#0	20.46	PASS
Band41	10MHz	16QAM	40620	25RB#12	20.41	PASS
Band41	10MHz	16QAM	40620	25RB#25	20.31	PASS
Band41	10MHz	16QAM	40620	50RB#0	20.41	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.58	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.03	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.59	PASS
Band41	10MHz	16QAM	41540	25RB#0	20.22	PASS
Band41	10MHz	16QAM	41540	25RB#12	20.25	PASS
Band41	10MHz	16QAM	41540	25RB#25	20.25	PASS
Band41	10MHz	16QAM	41540	50RB#0	20.21	PASS
Band41	15MHz	QPSK	39725	1RB#0	21.11	PASS
Band41	15MHz	QPSK	39725	1RB#38	21.16	PASS
Band41	15MHz	QPSK	39725	1RB#74	21.13	PASS
Band41	15MHz	QPSK	39725	38RB#0	20.24	PASS
Band41	15MHz	QPSK	39725	38RB#18	20.20	PASS
Band41	15MHz	QPSK	39725	38RB#37	20.16	PASS
Band41	15MHz	QPSK	39725	75RB#0	20.22	PASS
Band41	15MHz	QPSK	40620	1RB#0	22.29	PASS
Band41	15MHz	QPSK	40620	1RB#38	22.20	PASS
Band41	15MHz	QPSK	40620	1RB#74	22.25	PASS
Band41	15MHz	QPSK	40620	38RB#0	21.29	PASS
Band41	15MHz	QPSK	40620	38RB#18	21.36	PASS
Band41	15MHz	QPSK	40620	38RB#37	21.35	PASS
Band41	15MHz	QPSK	40620	75RB#0	21.33	PASS
Band41	15MHz	QPSK	41515	1RB#0	21.84	PASS
Band41	15MHz	QPSK	41515	1RB#38	21.87	PASS
Band41	15MHz	QPSK	41515	1RB#74	21.95	PASS
Band41	15MHz	QPSK	41515	38RB#0	20.99	PASS
Band41	15MHz	QPSK	41515	38RB#18	20.99	PASS
Band41	15MHz	QPSK	41515	38RB#37	21.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	20.97	PASS
Band41	15MHz	16QAM	39725	1RB#0	20.60	PASS
Band41	15MHz	16QAM	39725	1RB#38	20.80	PASS

Band41	15MHz	16QAM	39725	1RB#74	20.59	PASS
Band41	15MHz	16QAM	39725	38RB#0	20.23	PASS
Band41	15MHz	16QAM	39725	38RB#18	20.20	PASS
Band41	15MHz	16QAM	39725	38RB#37	20.21	PASS
Band41	15MHz	16QAM	39725	75RB#0	19.33	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.42	PASS
Band41	15MHz	16QAM	40620	1RB#38	21.34	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.43	PASS
Band41	15MHz	16QAM	40620	38RB#0	21.34	PASS
Band41	15MHz	16QAM	40620	38RB#18	21.38	PASS
Band41	15MHz	16QAM	40620	38RB#37	21.33	PASS
Band41	15MHz	16QAM	40620	75RB#0	20.43	PASS
Band41	15MHz	16QAM	41515	1RB#0	20.92	PASS
Band41	15MHz	16QAM	41515	1RB#38	20.95	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.03	PASS
Band41	15MHz	16QAM	41515	38RB#0	20.96	PASS
Band41	15MHz	16QAM	41515	38RB#18	21.01	PASS
Band41	15MHz	16QAM	41515	38RB#37	20.98	PASS
Band41	15MHz	16QAM	41515	75RB#0	20.04	PASS
Band41	20MHz	QPSK	39750	1RB#0	21.10	PASS
Band41	20MHz	QPSK	39750	1RB#49	21.21	PASS
Band41	20MHz	QPSK	39750	1RB#99	21.27	PASS
Band41	20MHz	QPSK	39750	50RB#0	20.07	PASS
Band41	20MHz	QPSK	39750	50RB#25	20.01	PASS
Band41	20MHz	QPSK	39750	50RB#50	20.26	PASS
Band41	20MHz	QPSK	39750	100RB#0	20.16	PASS
Band41	20MHz	QPSK	40620	1RB#0	22.34	PASS
Band41	20MHz	QPSK	40620	1RB#49	22.31	PASS
Band41	20MHz	QPSK	40620	1RB#99	22.24	PASS
Band41	20MHz	QPSK	40620	50RB#0	22.68	PASS
Band41	20MHz	QPSK	40620	50RB#25	22.49	PASS
Band41	20MHz	QPSK	40620	50RB#50	21.38	PASS
Band41	20MHz	QPSK	40620	100RB#0	21.41	PASS
Band41	20MHz	QPSK	41490	1RB#0	23.77	PASS
Band41	20MHz	QPSK	41490	1RB#49	21.91	PASS
Band41	20MHz	QPSK	41490	1RB#99	23.72	PASS
Band41	20MHz	QPSK	41490	50RB#0	21.09	PASS

Band41	20MHz	QPSK	41490	50RB#25	21.01	PASS
Band41	20MHz	QPSK	41490	50RB#50	21.04	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.10	PASS
Band41	20MHz	16QAM	39750	1RB#0	20.37	PASS
Band41	20MHz	16QAM	39750	1RB#49	20.45	PASS
Band41	20MHz	16QAM	39750	1RB#99	20.47	PASS
Band41	20MHz	16QAM	39750	50RB#0	19.21	PASS
Band41	20MHz	16QAM	39750	50RB#25	19.21	PASS
Band41	20MHz	16QAM	39750	50RB#50	19.34	PASS
Band41	20MHz	16QAM	39750	100RB#0	19.27	PASS
Band41	20MHz	16QAM	40620	1RB#0	20.97	PASS
Band41	20MHz	16QAM	40620	1RB#49	20.93	PASS
Band41	20MHz	16QAM	40620	1RB#99	20.97	PASS
Band41	20MHz	16QAM	40620	50RB#0	20.22	PASS
Band41	20MHz	16QAM	40620	50RB#25	20.52	PASS
Band41	20MHz	16QAM	40620	50RB#50	20.48	PASS
Band41	20MHz	16QAM	40620	100RB#0	20.45	PASS
Band41	20MHz	16QAM	41490	1RB#0	22.82	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.13	PASS
Band41	20MHz	16QAM	41490	1RB#99	22.92	PASS
Band41	20MHz	16QAM	41490	50RB#0	20.15	PASS
Band41	20MHz	16QAM	41490	50RB#25	20.15	PASS
Band41	20MHz	16QAM	41490	50RB#50	20.19	PASS
Band41	20MHz	16QAM	41490	100RB#0	20.15	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	4.21	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	5.37	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	4.18	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.32	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	4.12	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	5.11	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	5.78	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	6.33	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	6.04	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.31	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	6.27	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	6.61	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	4.29	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	4.89	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	4.68	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.21	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	4.06	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	4.96	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	5.87	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	6.31	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	6.54	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	6.47	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	6.22	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	6.36	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	4.01	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.07	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	3.97	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	5.84	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	4.12	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	4.84	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	5.92	13	PASS

Band41	15MHz	16QAM	39725	75RB#0	6.24	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	6.14	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	6.92	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	6.11	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	6.97	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	3.89	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	4.79	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	4.09	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	4.76	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	3.77	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	4.99	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	5.71	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	6.23	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	6.26	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	7.13	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	5.68	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	6.10	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

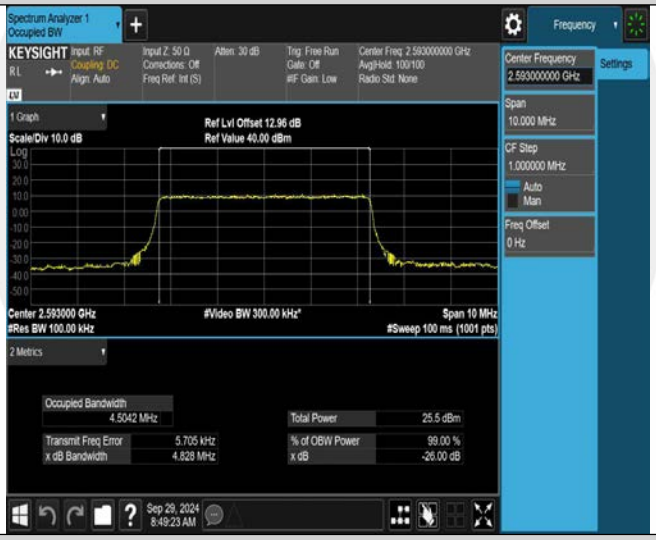
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5005	4.883	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5042	4.828	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4993	4.816	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4963	4.826	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5050	4.833	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.5051	4.820	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9700	9.524	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9676	9.559	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9568	9.549	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9548	9.511	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9616	9.499	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9693	9.513	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.436	14.27	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.443	14.25	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.436	14.29	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.419	14.23	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.430	14.24	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.437	14.21	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.884	18.93	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.889	18.94	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.839	18.95	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.874	18.93	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.894	18.93	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.838	18.92	PASS

Test Graphs

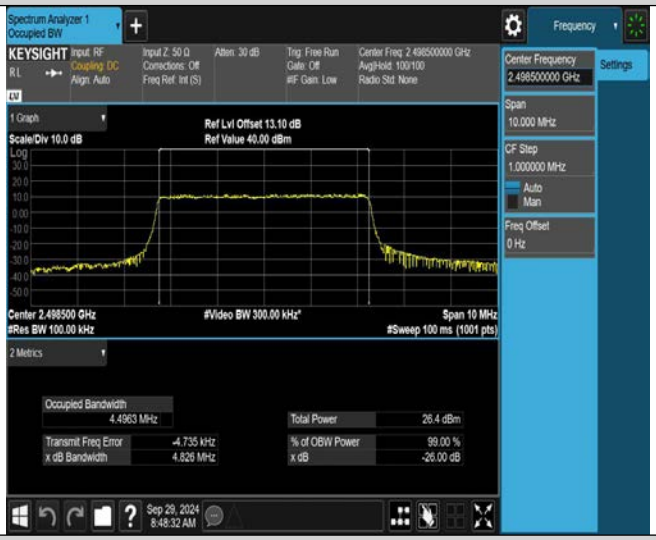
Band41-5MHz-QPSK-39675-25RB#0

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



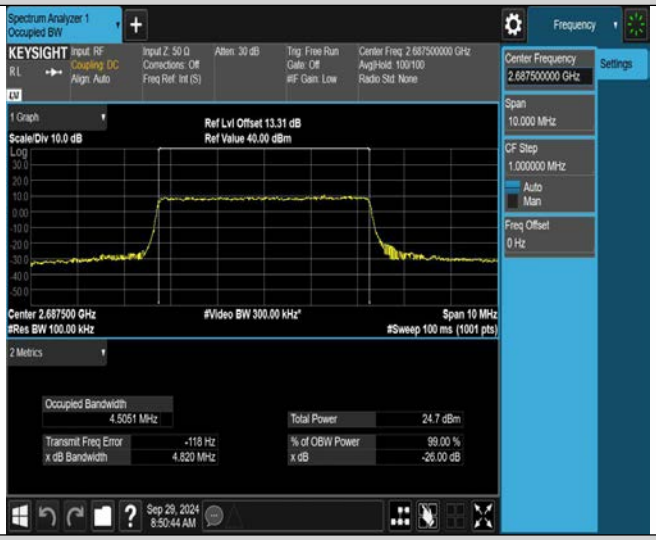
Band41-5MHz-QPSK-41565-25RB#0

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

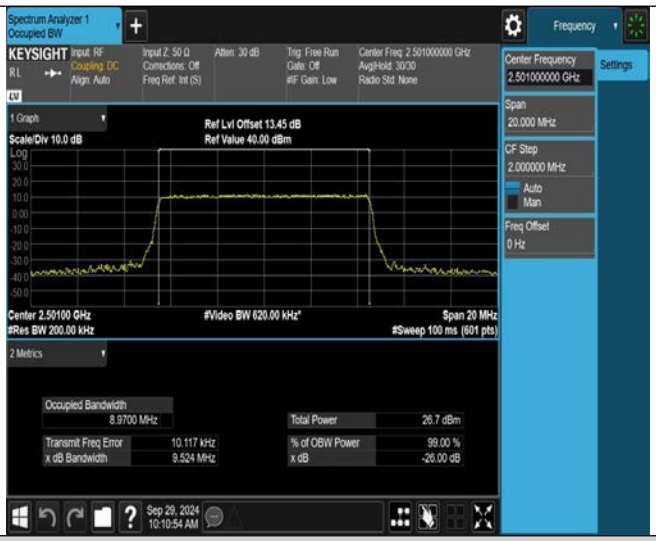


Band41-5MHz-16QAM-40620-25RB#0

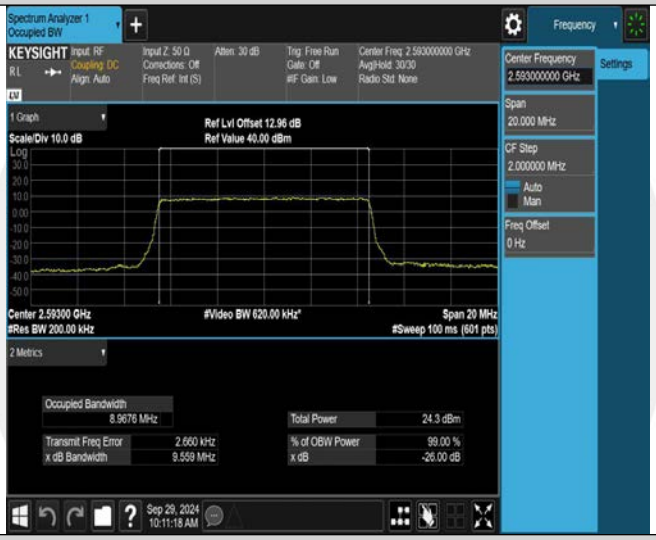
Band41-5MHz-16QAM-41565-25RB#0



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



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



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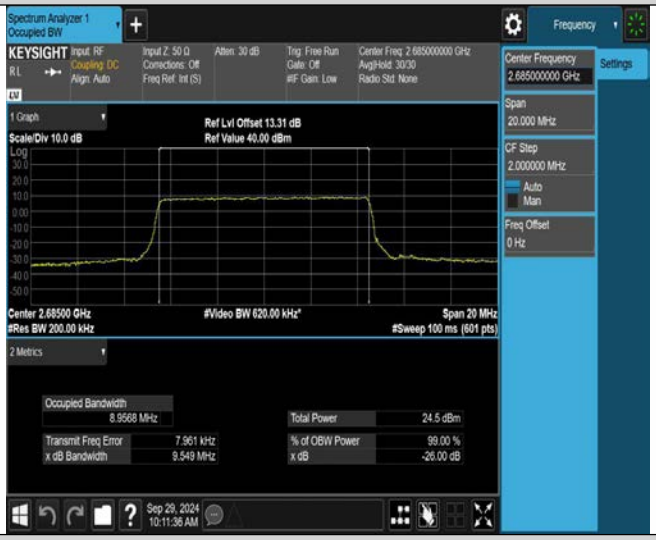

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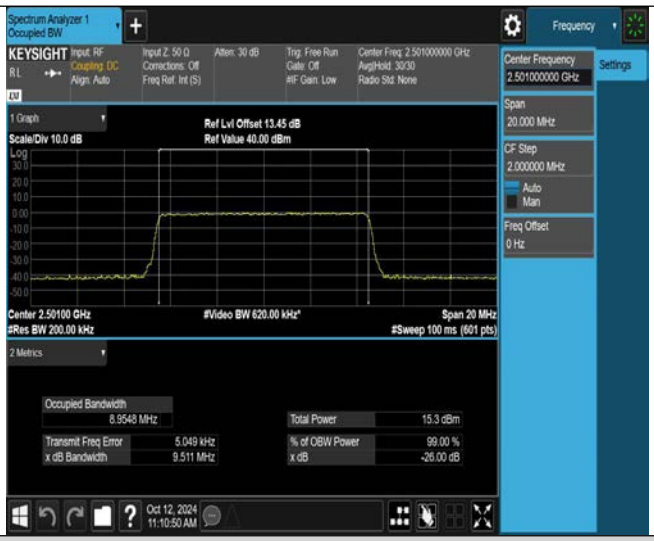

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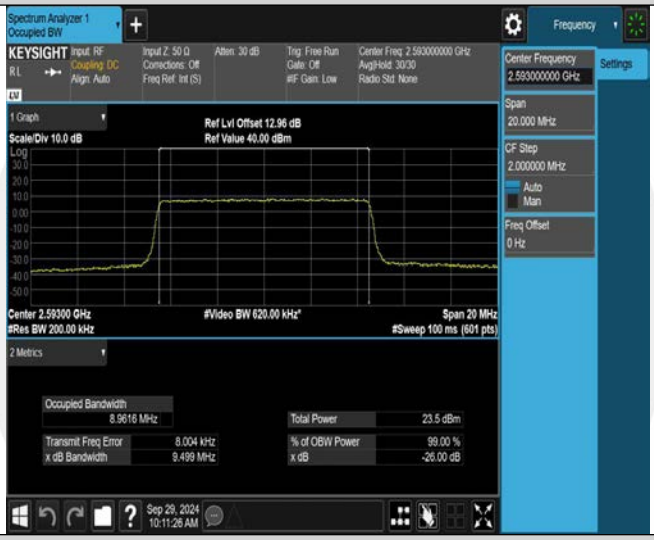

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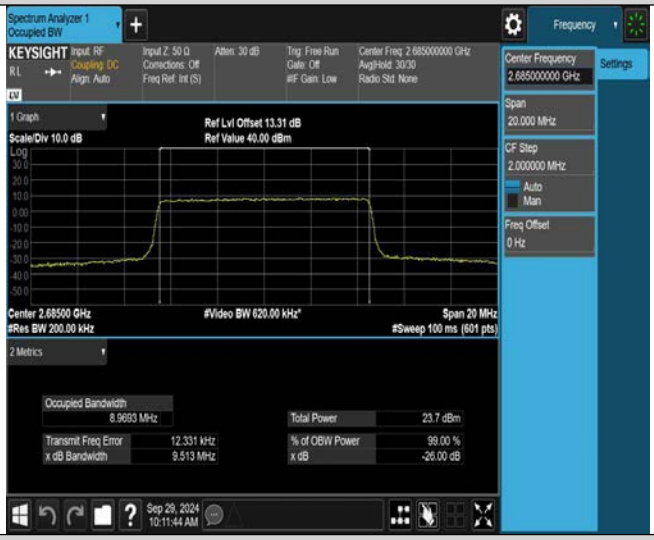

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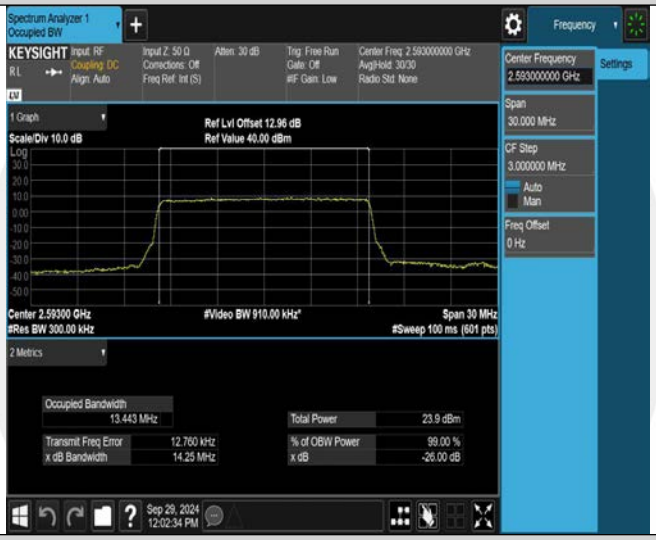
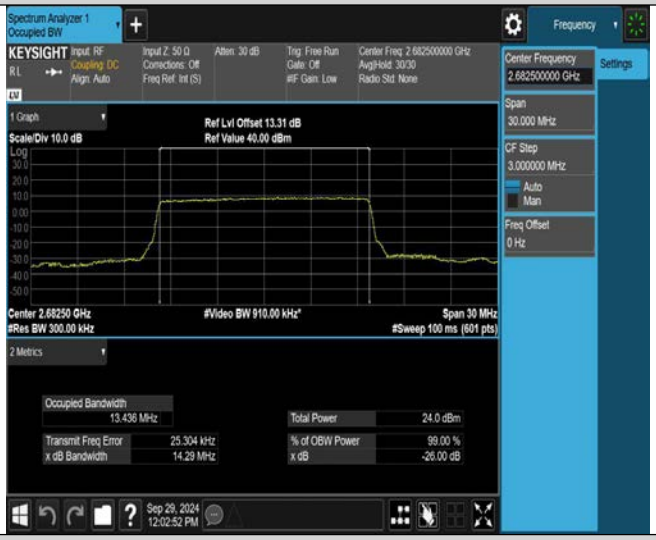
Band41-15MHz-QPSK-40620-75RB#0



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



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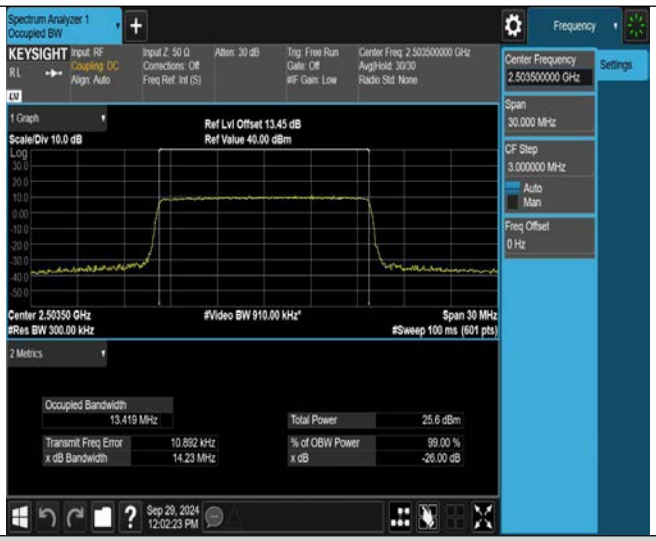

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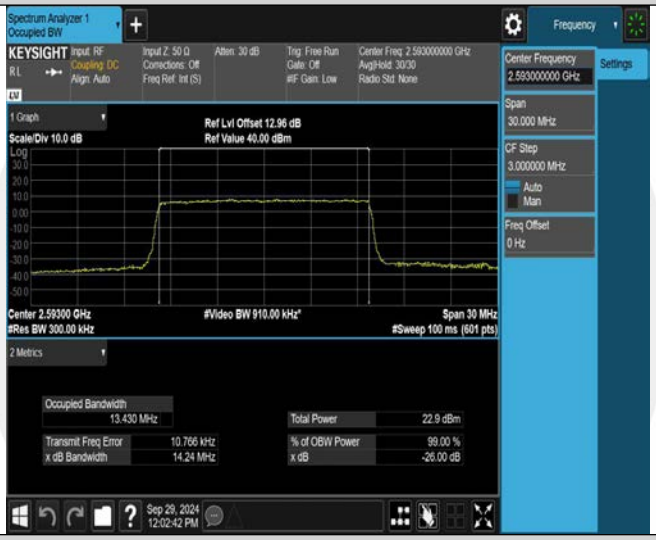
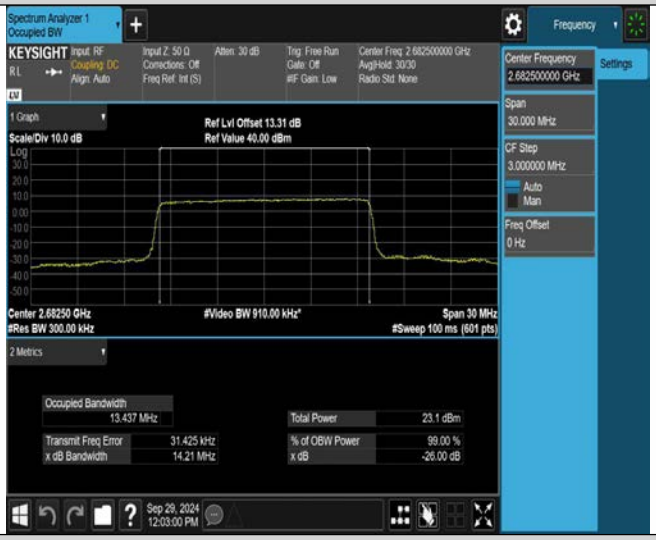
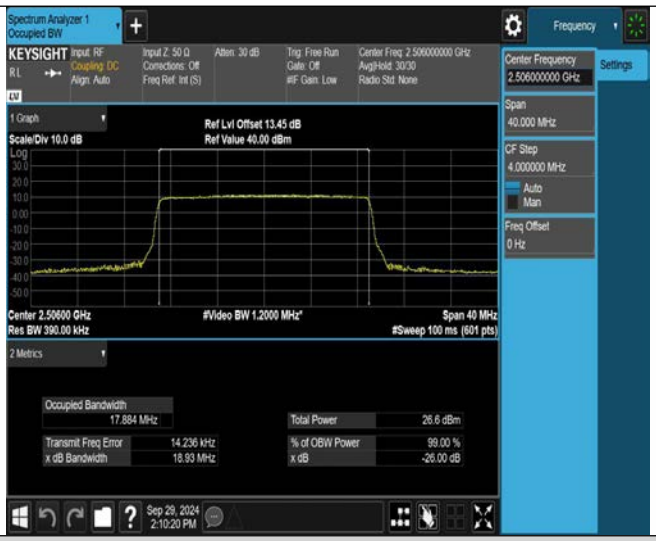


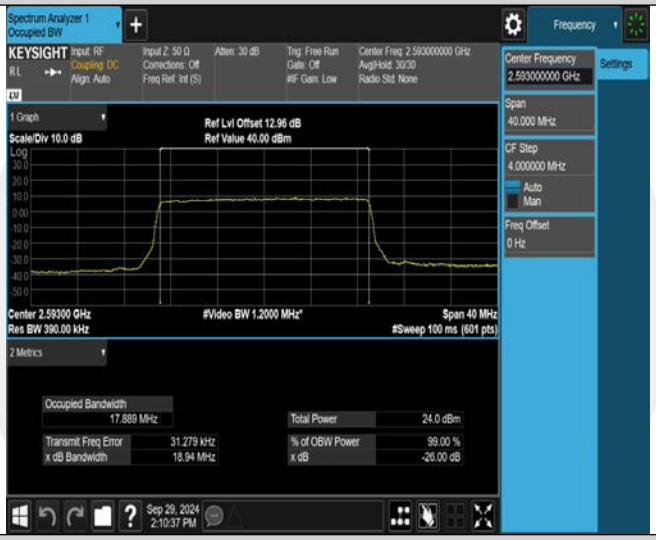
Band41-15MHz-16QAM-41515-75RB#0



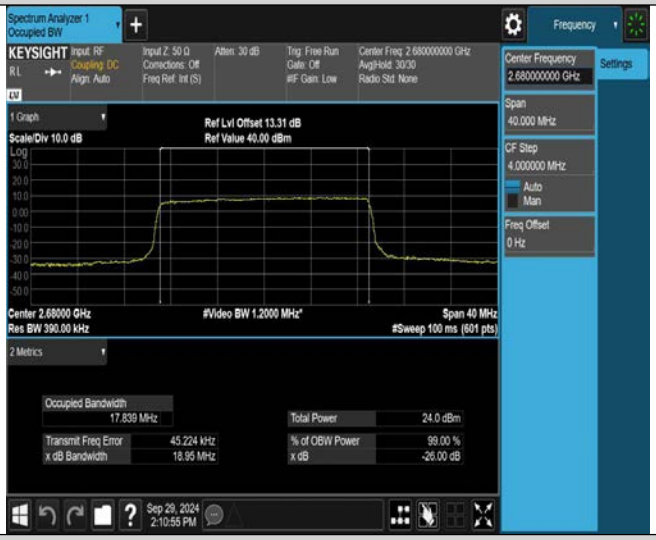
Band41-20MHz-QPSK-39750-100RB#0



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



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



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

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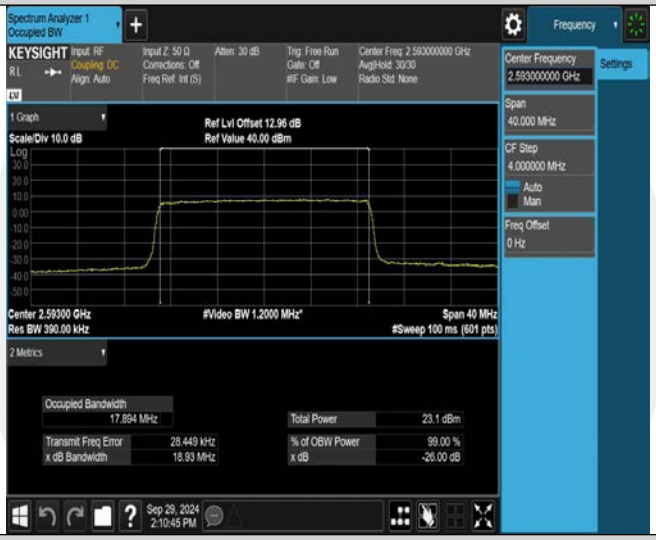
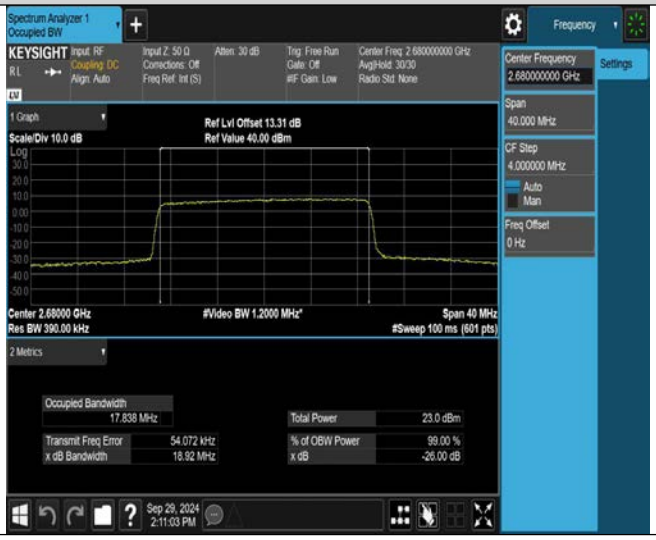


Band41-20MHz-16QAM-41490-100RB#0



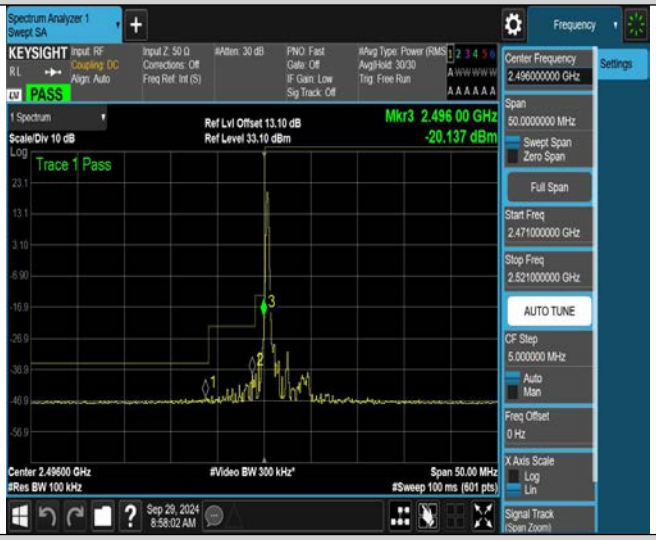
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-46.16,-38.64,-20.14	PASS
Band41	5MHz	QPSK	39675	1RB#24	-46.98,-43.79,-45.26	PASS
Band41	5MHz	QPSK	39675	25RB#0	-44.93,-39.33,-24.24	PASS
Band41	5MHz	QPSK	41565	1RB#0	-45.08,-42.19,-46.91,-46.61	PASS
Band41	5MHz	QPSK	41565	1RB#24	-19.60,-37.93,-45.71,-46.23	PASS
Band41	5MHz	QPSK	41565	25RB#0	-26.06,-34.64,-42.20,-42.95	PASS
Band41	5MHz	16QAM	39675	1RB#0	-46.16,-38.85,-18.47	PASS
Band41	5MHz	16QAM	39675	1RB#24	-46.52,-43.65,-45.17	PASS
Band41	5MHz	16QAM	39675	25RB#0	-46.05,-40.21,-27.75	PASS
Band41	5MHz	16QAM	41565	1RB#0	-44.76,-42.63,-46.76,-47.17	PASS
Band41	5MHz	16QAM	41565	1RB#24	-20.72,-39.13,-45.97,-46.09	PASS
Band41	5MHz	16QAM	41565	25RB#0	-29.55,-35.22,-42.85,-43.54	PASS
Band41	10MHz	QPSK	39700	1RB#0	-44.02,-42.86,-24.63	PASS
Band41	10MHz	QPSK	39700	1RB#49	-44.06,-42.87,-43.31	PASS
Band41	10MHz	QPSK	39700	50RB#0	-43.78,-39.08,-32.18	PASS
Band41	10MHz	QPSK	41540	1RB#0	-43.50,-43.51,-40.60,-44.73	PASS
Band41	10MHz	QPSK	41540	1RB#49	-26.33,-43.02,-43.99,-44.67	PASS
Band41	10MHz	QPSK	41540	50RB#0	-27.12,-33.78,-36.36,-42.25	PASS
Band41	10MHz	16QAM	39700	1RB#0	-44.03,-42.49,-25.54	PASS
Band41	10MHz	16QAM	39700	1RB#49	-44.05,-42.69,-43.93	PASS
Band41	10MHz	16QAM	39700	50RB#0	-44.05,-40.92,-35.68	PASS
Band41	10MHz	16QAM	41540	1RB#0	-44.52,-43.45,-40.27,-44.56	PASS
Band41	10MHz	16QAM	41540	1RB#49	-27.67,-43.18,-44.33,-44.65	PASS
Band41	10MHz	16QAM	41540	50RB#0	-33.41,-35.41,-37.41,-42.26	PASS
Band41	15MHz	QPSK	39725	1RB#0	-42.38,-41.67,-25.20	PASS
Band41	15MHz	QPSK	39725	1RB#74	-42.42,-41.06,-41.42	PASS
Band41	15MHz	QPSK	39725	75RB#0	-42.30,-36.48,-29.01	PASS
Band41	15MHz	QPSK	41515	1RB#0	-42.30,-42.92,-38.58,-43.03	PASS
Band41	15MHz	QPSK	41515	1RB#74	-26.61,-42.06,-42.62,-43.13	PASS
Band41	15MHz	QPSK	41515	75RB#0	-27.11,-32.46,-35.70,-40.43	PASS
Band41	15MHz	16QAM	39725	1RB#0	-42.42,-41.50,-26.02	PASS
Band41	15MHz	16QAM	39725	1RB#74	-42.41,-41.56,-42.51	PASS

Band41	15MHz	16QAM	39725	75RB#0	-42.25,-38.37,-35.55	PASS
Band41	15MHz	16QAM	41515	1RB#0	-42.81,-43.01,-40.25,-43.05	PASS
Band41	15MHz	16QAM	41515	1RB#74	-26.86,-42.58,-41.98,-43.09	PASS
Band41	15MHz	16QAM	41515	75RB#0	-32.09,-33.13,-35.62,-40.31	PASS
Band41	20MHz	QPSK	39750	1RB#0	-41.30,-40.78,-25.43	PASS
Band41	20MHz	QPSK	39750	1RB#99	-41.29,-40.81,-41.22	PASS
Band41	20MHz	QPSK	39750	100RB#0	-41.25,-37.82,-30.39	PASS
Band41	20MHz	QPSK	41490	1RB#0	-41.81,-30.95,-41.08,-41.99	PASS
Band41	20MHz	QPSK	41490	1RB#99	-34.18,-40.74,-41.49,-42.01	PASS
Band41	20MHz	QPSK	41490	100RB#0	-33.51,-34.17,-35.80,-40.85	PASS
Band41	20MHz	16QAM	39750	1RB#0	-41.31,-40.79,-26.63	PASS
Band41	20MHz	16QAM	39750	1RB#99	-41.26,-40.99,-41.38	PASS
Band41	20MHz	16QAM	39750	100RB#0	-41.19,-37.36,-37.03	PASS
Band41	20MHz	16QAM	41490	1RB#0	-41.84,-20.15,-38.96,-41.96	PASS
Band41	20MHz	16QAM	41490	1RB#99	-27.00,-40.70,-41.45,-41.93	PASS
Band41	20MHz	16QAM	41490	100RB#0	-38.27,-37.31,-38.46,-41.09	PASS

Test Graphs

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

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

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

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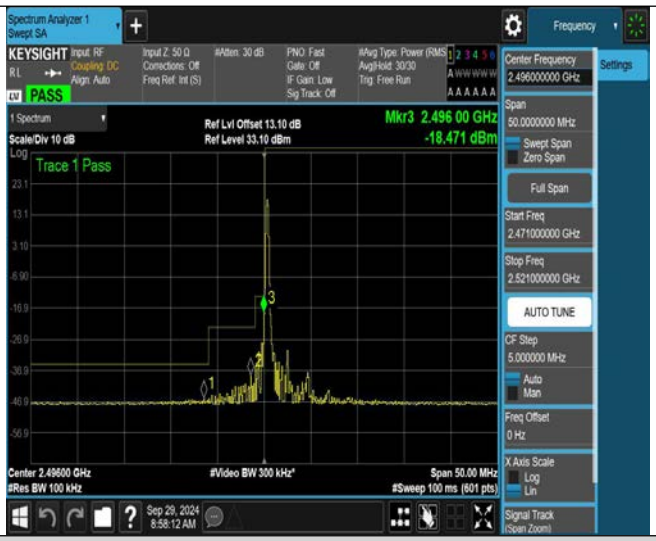
Band41-5MHz-QPSK-41565-25RB#0

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



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

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

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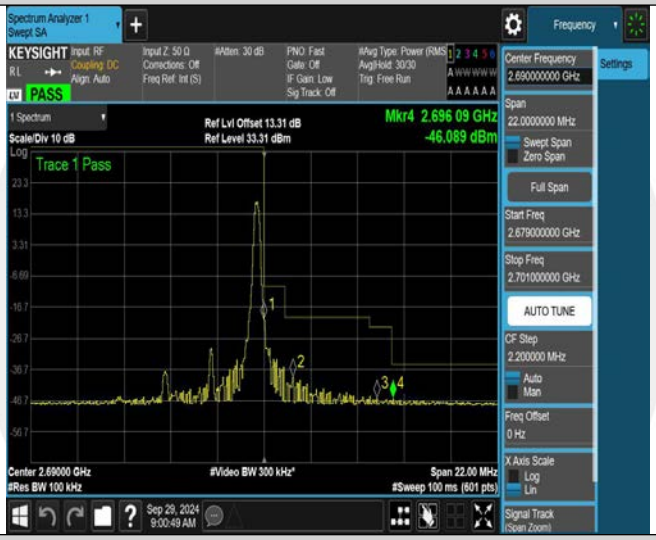
Band41-5MHz-16QAM-41565-1RB#24

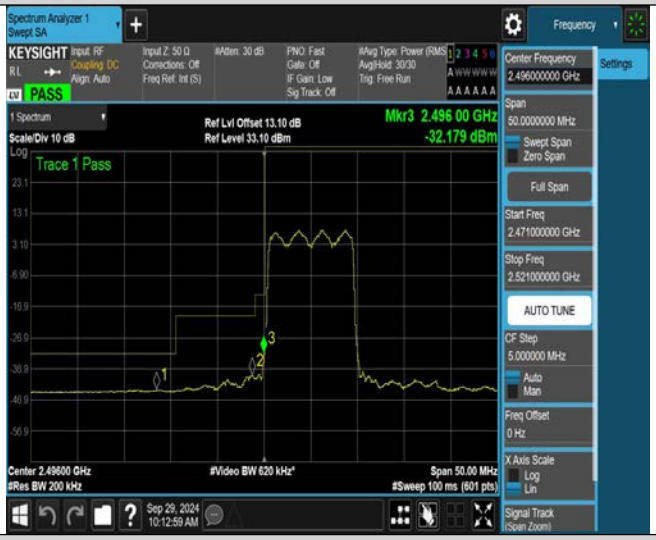


Band41-5MHz-16QAM-41565-25RB#0

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

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

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

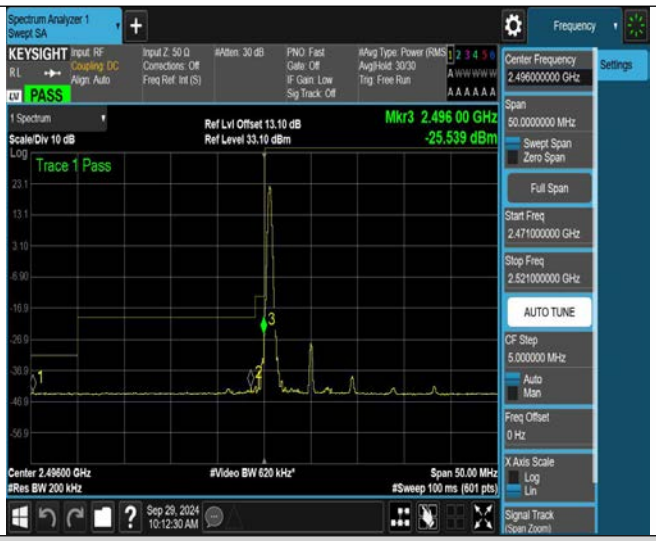


Band41-10MHz-QPSK-41540-1RB#0

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

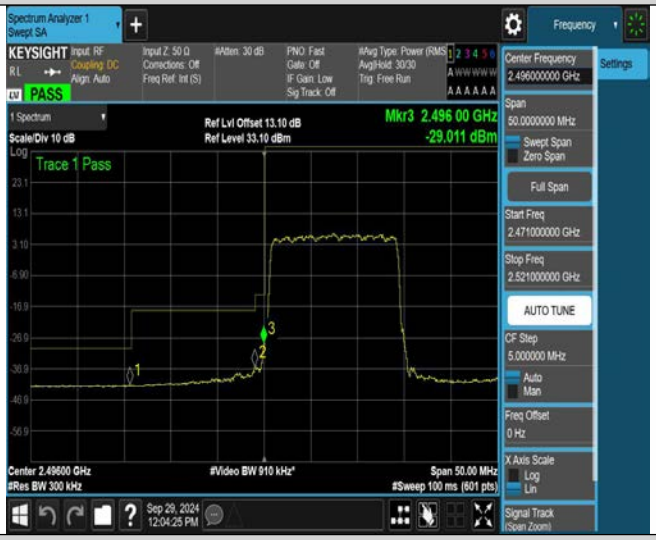
Band41-10MHz-16QAM-41540-1RB#49

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

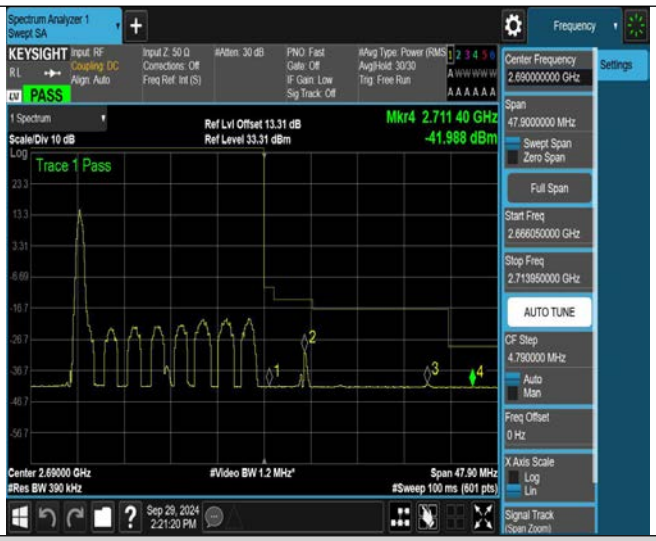
Band41-15MHz-16QAM-41515-75RB#0

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

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

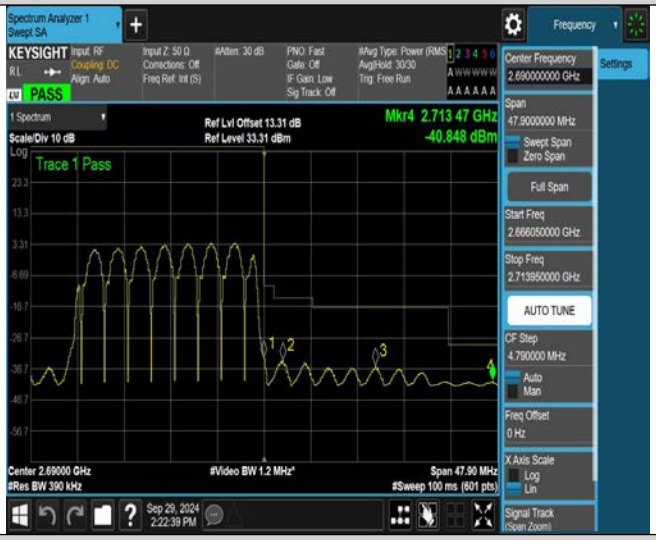
Band41-20MHz-QPSK-39750-100RB#0

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



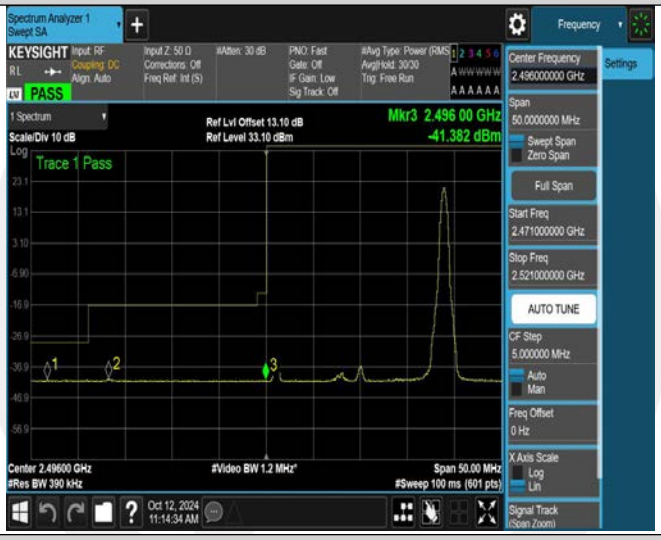
Band41-20MHz-QPSK-41490-1RB#99

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	-47.94	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range2:1000~3000MHz	-28.02	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range3:3000~26500MHz	-47.61	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-46.63	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-30.66	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-47.47	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range1:30~1000MHz	-46.52	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range2:1000~3000MHz	-30.37	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range3:3000~26500MHz	-48.26	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range1:30~1000MHz	-46.76	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range2:1000~3000MHz	-29.92	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range3:3000~26500MHz	-46.93	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-47.71	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-30	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-48.09	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range1:30~1000MHz	-45.86	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range2:1000~	-30.15	PASS

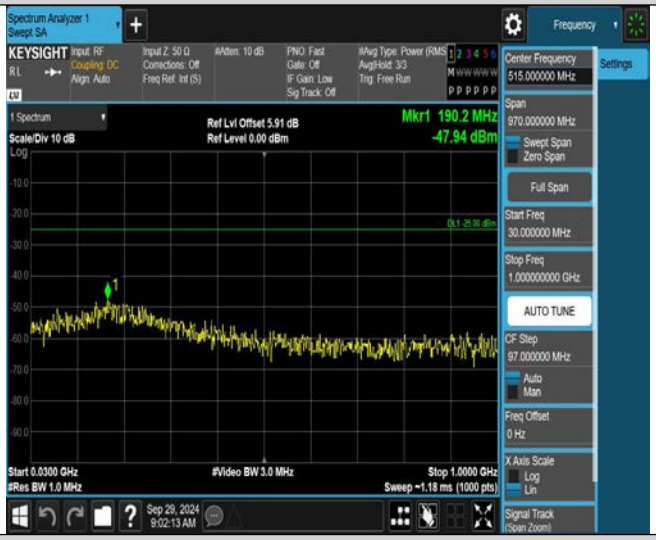
					3000MHz		
Band41	5MHz	16QAM	41565	1RB#0	Range3:3000~26500MHz	-46.96	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:30~1000MHz	-46.66	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range2:1000~3000MHz	-30.4	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range3:3000~26500MHz	-47.45	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-47.57	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-30.41	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-46.89	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range1:30~1000MHz	-46.15	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range2:1000~3000MHz	-28.52	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range3:3000~26500MHz	-47.94	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range1:30~1000MHz	-48.2	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range2:1000~3000MHz	-30.1	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range3:3000~26500MHz	-47.02	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-47.64	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-29.8	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-48.17	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range1:30~1000MHz	-47.87	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range2:1000~3000MHz	-30.41	PASS

Band41	10MHz	16QAM	41540	1RB#0	Range3:3000~26500MHz	-46.94	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:30~1000MHz	-47.5	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range2:1000~3000MHz	-30.07	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range3:3000~26500MHz	-47.22	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-46.49	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-30.14	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-48.49	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:30~1000MHz	-46.29	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range2:1000~3000MHz	-29.7	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range3:3000~26500MHz	-47.67	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range1:30~1000MHz	-47.88	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range2:1000~3000MHz	-29.88	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range3:3000~26500MHz	-47.57	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-47.57	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-29.5	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-47.73	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range1:30~1000MHz	-46.27	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range2:1000~3000MHz	-29.93	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range3:3000~	-47.52	PASS

					26500MHz		
Band41	20MHz	QPSK	39750	1RB#0	Range1:30~1000MHz	-46.64	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range2:1000~3000MHz	-29.24	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range3:3000~26500MHz	-47.03	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-47.93	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-29.99	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-47.53	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:30~1000MHz	-45.86	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range2:1000~3000MHz	-30.04	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range3:3000~26500MHz	-47.61	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range1:30~1000MHz	-47.08	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range2:1000~3000MHz	-29.09	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range3:3000~26500MHz	-47.96	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-47.43	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-29.04	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-46.93	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range1:30~1000MHz	-46.61	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range2:1000~3000MHz	-30.09	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range3:3000~26500MHz	-46.59	PASS

Test Graphs

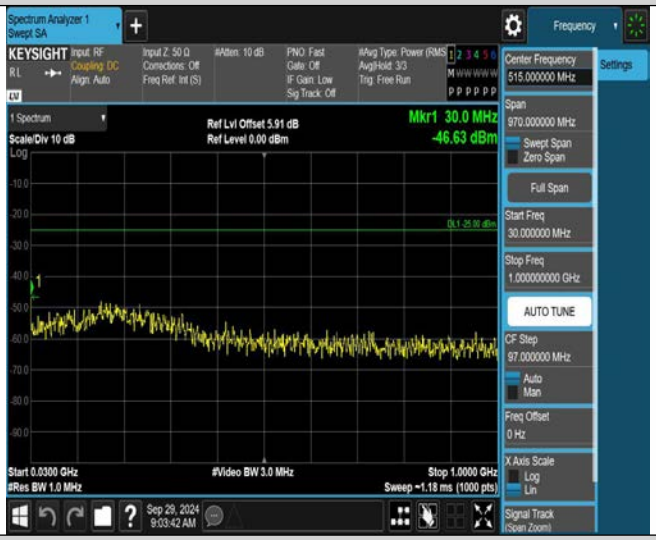
Band41-5MHz-QPSK-39675-1RB#0-Range1:30~1000MHz



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

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

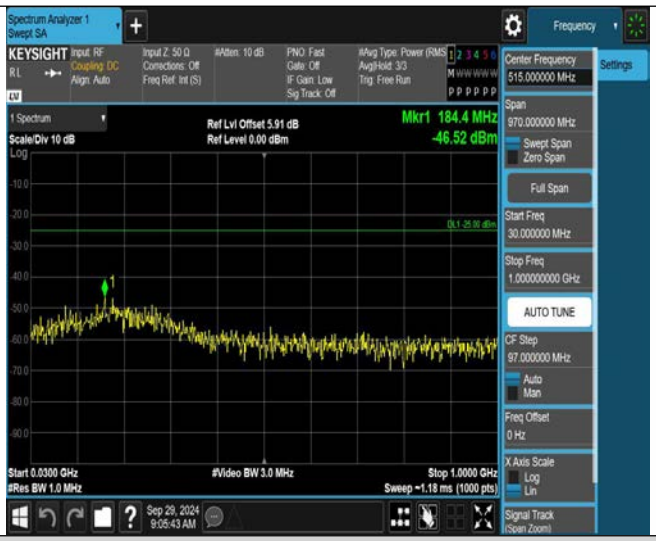
Band41-5MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



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

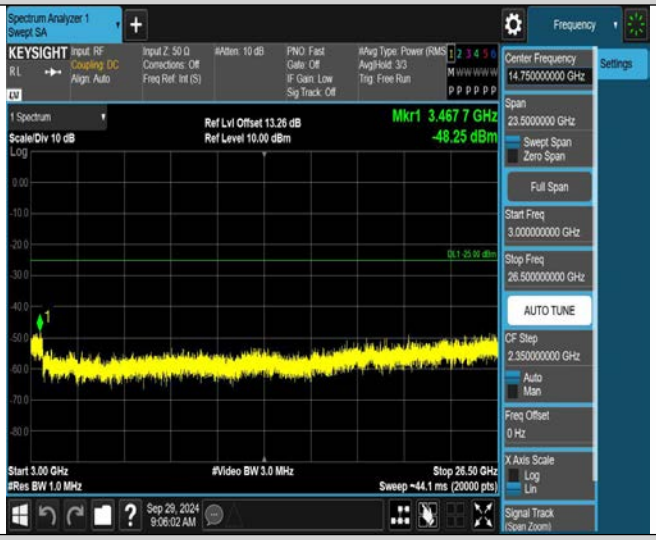
Band41-5MHz-QPSK-40620-1RB#0-Range3:3000~26500MHz

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

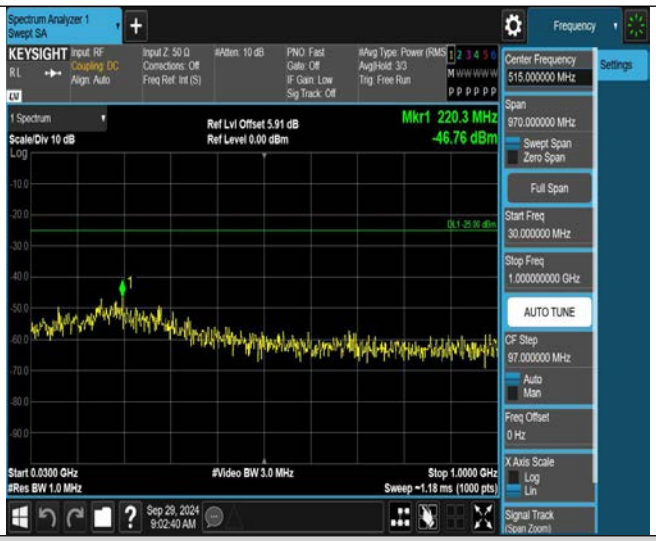


Band41-5MHz-QPSK-41565-1RB#0-Range2:1000~3000MHz

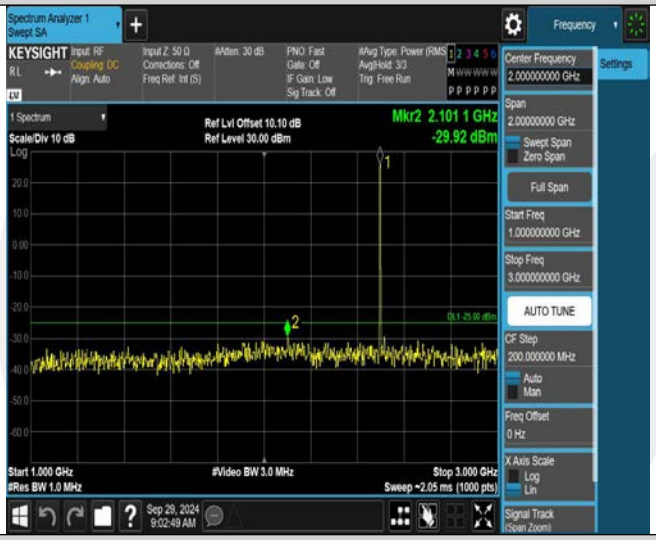
Band41-5MHz-QPSK-41565-1RB#0-Range3:3000~26500MHz



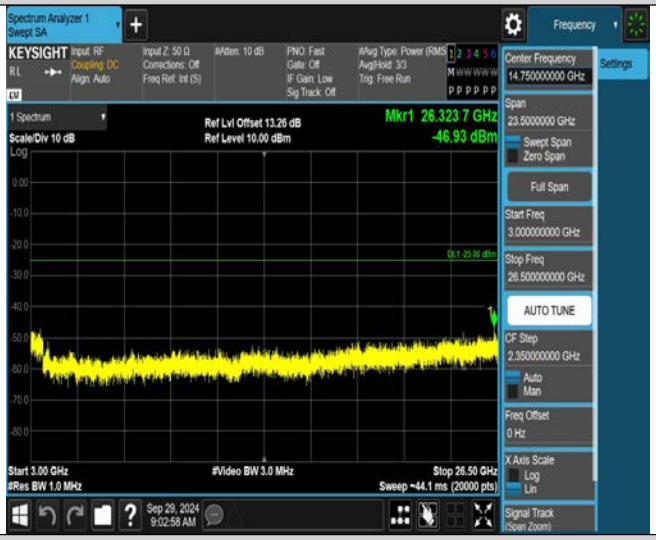
Band41-5MHz-16QAM-39675-1RB#0-Range1:30~1000MHz



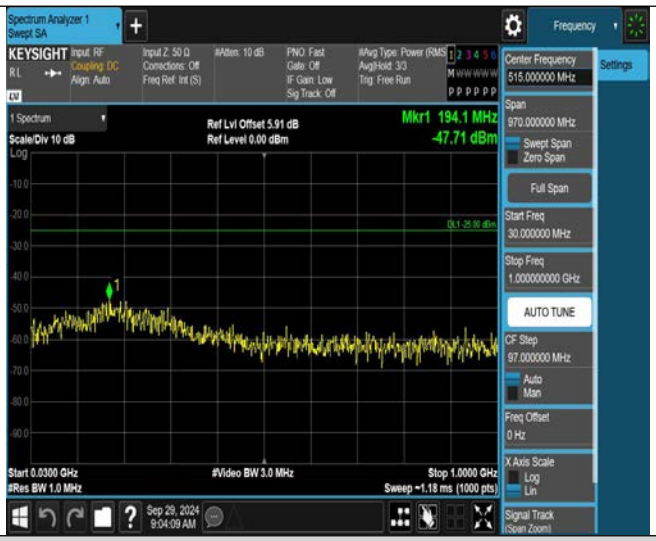
Band41-5MHz-16QAM-39675-1RB#0-Range2:1000~3000MHz



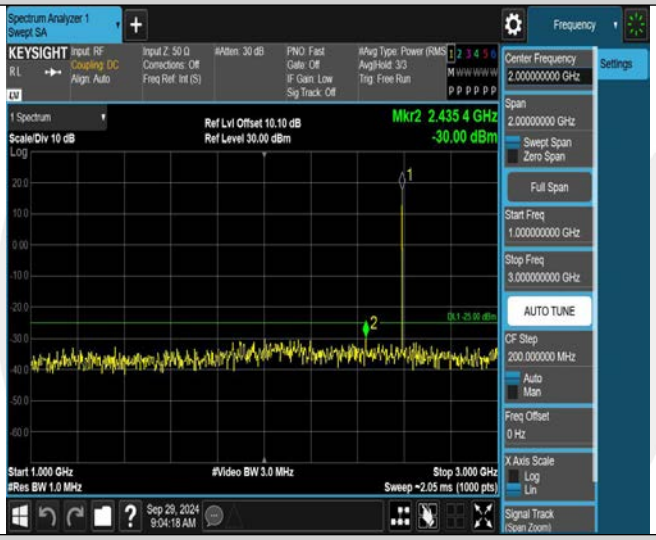
Band41-5MHz-16QAM-39675-1RB#0-Range3:3000~26500MHz



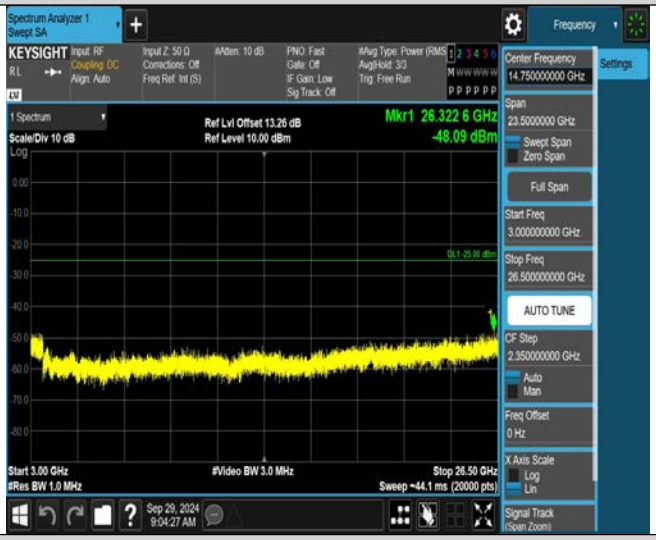
Band41-5MHz-16QAM-40620-1RB#0-Range1:30~1000MHz



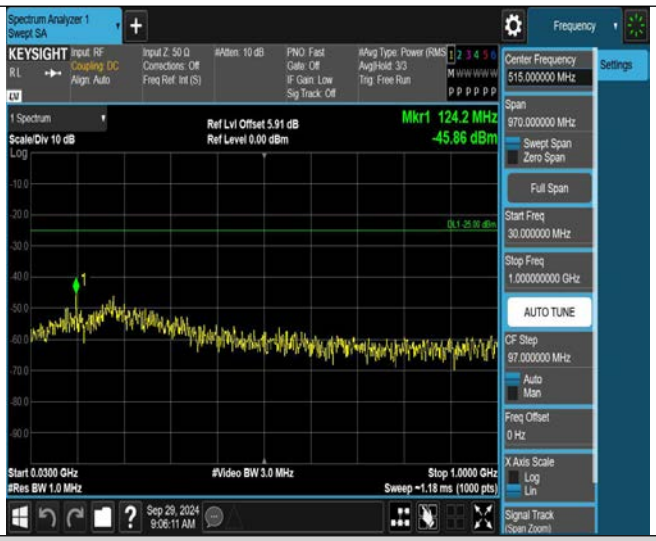
Band41-5MHz-16QAM-40620-1RB#0-Range2:1000~3000MHz



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

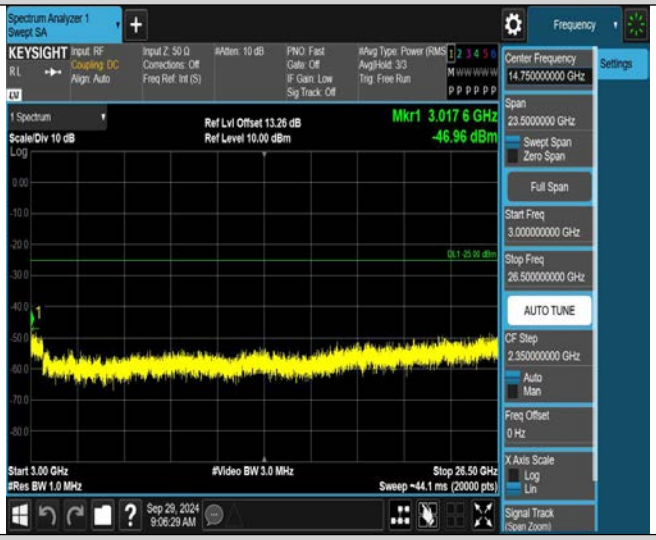


Band41-5MHz-16QAM-41565-1RB#0-Range1:30~1000MHz

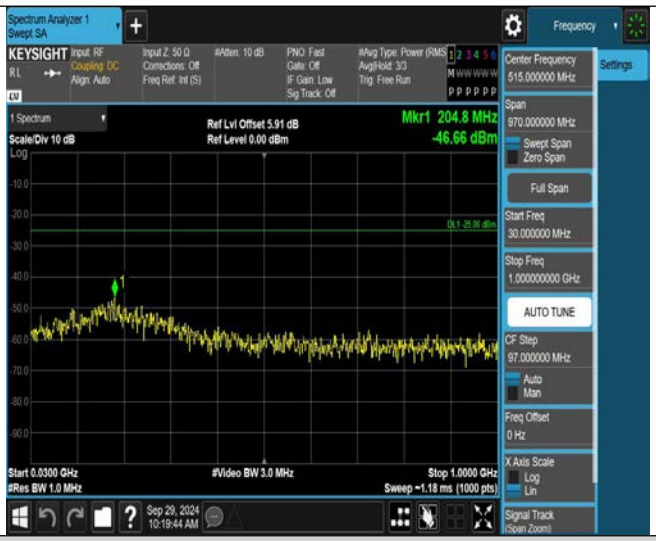


Band41-5MHz-16QAM-41565-1RB#0-Range2:1000~3000MHz

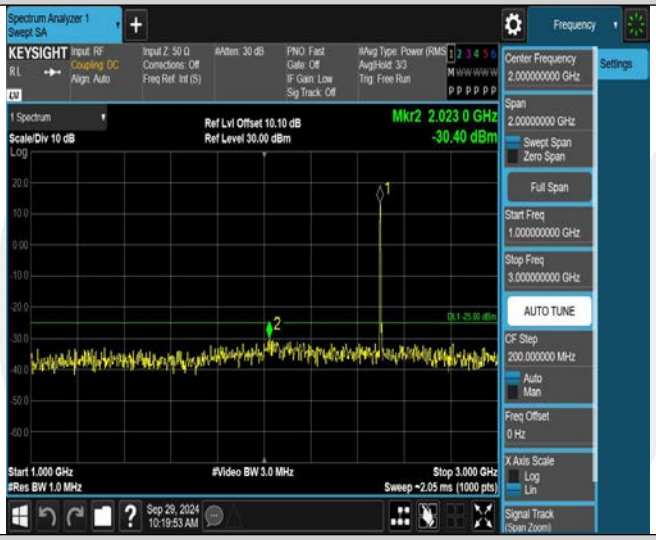
Band41-5MHz-16QAM-41565-1RB#0-Range3:3000~26500MHz



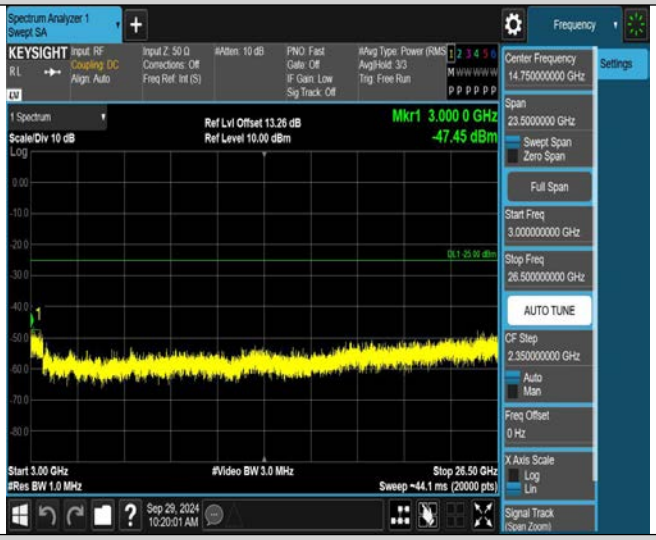
Band41-10MHz-QPSK-39700-1RB#0-Range1:30~1000MHz



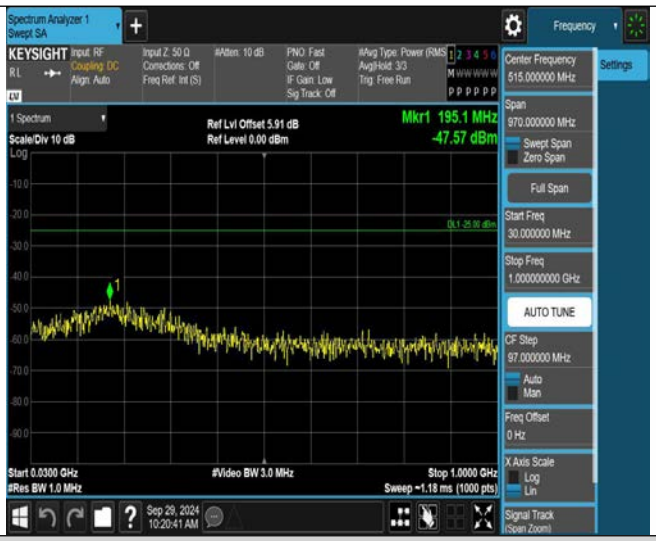
Band41-10MHz-QPSK-39700-1RB#0-Range2:1000~3000MHz



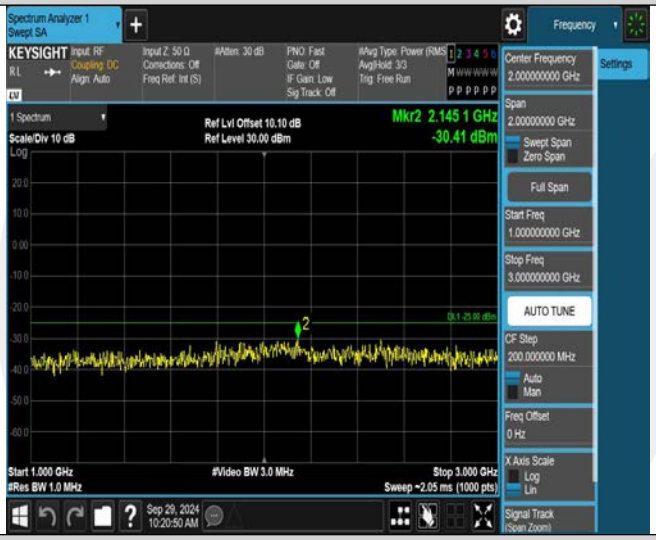
Band41-10MHz-QPSK-39700-1RB#0-Range3:3000~26500MHz



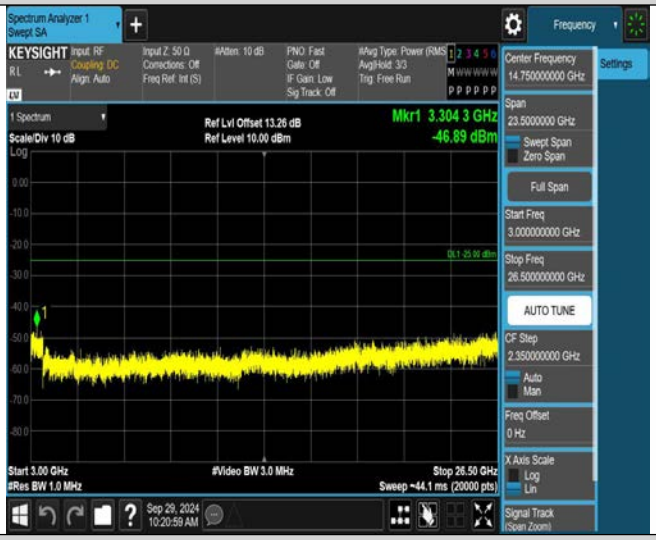
Band41-10MHz-QPSK-40620-1RB#0-Range1:30~1000MHz



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