

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 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	22.41	PASS
Band41	5MHz	QPSK	39675	1RB#12	22.45	PASS
Band41	5MHz	QPSK	39675	1RB#24	22.34	PASS
Band41	5MHz	QPSK	39675	12RB#0	21.46	PASS
Band41	5MHz	QPSK	39675	12RB#6	21.50	PASS
Band41	5MHz	QPSK	39675	12RB#13	21.49	PASS
Band41	5MHz	QPSK	39675	25RB#0	21.53	PASS
Band41	5MHz	QPSK	40620	1RB#0	22.26	PASS
Band41	5MHz	QPSK	40620	1RB#12	22.38	PASS
Band41	5MHz	QPSK	40620	1RB#24	22.24	PASS
Band41	5MHz	QPSK	40620	12RB#0	21.37	PASS
Band41	5MHz	QPSK	40620	12RB#6	21.34	PASS
Band41	5MHz	QPSK	40620	12RB#13	21.39	PASS
Band41	5MHz	QPSK	40620	25RB#0	21.36	PASS
Band41	5MHz	QPSK	41565	1RB#0	22.23	PASS
Band41	5MHz	QPSK	41565	1RB#12	22.27	PASS
Band41	5MHz	QPSK	41565	1RB#24	22.12	PASS
Band41	5MHz	QPSK	41565	12RB#0	21.35	PASS
Band41	5MHz	QPSK	41565	12RB#6	21.27	PASS
Band41	5MHz	QPSK	41565	12RB#13	21.28	PASS
Band41	5MHz	QPSK	41565	25RB#0	21.26	PASS
Band41	5MHz	16QAM	39675	1RB#0	21.79	PASS
Band41	5MHz	16QAM	39675	1RB#12	21.82	PASS
Band41	5MHz	16QAM	39675	1RB#24	21.71	PASS
Band41	5MHz	16QAM	39675	12RB#0	20.57	PASS
Band41	5MHz	16QAM	39675	12RB#6	20.61	PASS
Band41	5MHz	16QAM	39675	12RB#13	20.61	PASS
Band41	5MHz	16QAM	39675	25RB#0	20.53	PASS
Band41	5MHz	16QAM	40620	1RB#0	21.65	PASS
Band41	5MHz	16QAM	40620	1RB#12	21.72	PASS
Band41	5MHz	16QAM	40620	1RB#24	21.60	PASS
Band41	5MHz	16QAM	40620	12RB#0	20.44	PASS
Band41	5MHz	16QAM	40620	12RB#6	20.46	PASS

Band41	5MHz	16QAM	40620	12RB#13	20.44	PASS
Band41	5MHz	16QAM	40620	25RB#0	20.39	PASS
Band41	5MHz	16QAM	41565	1RB#0	21.56	PASS
Band41	5MHz	16QAM	41565	1RB#12	21.55	PASS
Band41	5MHz	16QAM	41565	1RB#24	21.49	PASS
Band41	5MHz	16QAM	41565	12RB#0	20.37	PASS
Band41	5MHz	16QAM	41565	12RB#6	20.40	PASS
Band41	5MHz	16QAM	41565	12RB#13	20.33	PASS
Band41	5MHz	16QAM	41565	25RB#0	20.37	PASS
Band41	10MHz	QPSK	39700	1RB#0	22.70	PASS
Band41	10MHz	QPSK	39700	1RB#24	22.67	PASS
Band41	10MHz	QPSK	39700	1RB#49	22.68	PASS
Band41	10MHz	QPSK	39700	25RB#0	21.67	PASS
Band41	10MHz	QPSK	39700	25RB#12	21.67	PASS
Band41	10MHz	QPSK	39700	25RB#25	21.59	PASS
Band41	10MHz	QPSK	39700	50RB#0	21.62	PASS
Band41	10MHz	QPSK	40620	1RB#0	22.52	PASS
Band41	10MHz	QPSK	40620	1RB#24	22.47	PASS
Band41	10MHz	QPSK	40620	1RB#49	22.44	PASS
Band41	10MHz	QPSK	40620	25RB#0	21.53	PASS
Band41	10MHz	QPSK	40620	25RB#12	21.51	PASS
Band41	10MHz	QPSK	40620	25RB#25	21.47	PASS
Band41	10MHz	QPSK	40620	50RB#0	21.51	PASS
Band41	10MHz	QPSK	41540	1RB#0	22.52	PASS
Band41	10MHz	QPSK	41540	1RB#24	22.41	PASS
Band41	10MHz	QPSK	41540	1RB#49	22.34	PASS
Band41	10MHz	QPSK	41540	25RB#0	21.47	PASS
Band41	10MHz	QPSK	41540	25RB#12	21.43	PASS
Band41	10MHz	QPSK	41540	25RB#25	21.41	PASS
Band41	10MHz	QPSK	41540	50RB#0	21.50	PASS
Band41	10MHz	16QAM	39700	1RB#0	21.75	PASS
Band41	10MHz	16QAM	39700	1RB#24	21.65	PASS
Band41	10MHz	16QAM	39700	1RB#49	21.77	PASS
Band41	10MHz	16QAM	39700	25RB#0	20.74	PASS
Band41	10MHz	16QAM	39700	25RB#12	20.71	PASS
Band41	10MHz	16QAM	39700	25RB#25	20.70	PASS
Band41	10MHz	16QAM	39700	50RB#0	20.60	PASS

Band41	10MHz	16QAM	40620	1RB#0	22.01	PASS
Band41	10MHz	16QAM	40620	1RB#24	22.01	PASS
Band41	10MHz	16QAM	40620	1RB#49	22.03	PASS
Band41	10MHz	16QAM	40620	25RB#0	20.56	PASS
Band41	10MHz	16QAM	40620	25RB#12	20.56	PASS
Band41	10MHz	16QAM	40620	25RB#25	20.56	PASS
Band41	10MHz	16QAM	40620	50RB#0	20.53	PASS
Band41	10MHz	16QAM	41540	1RB#0	21.42	PASS
Band41	10MHz	16QAM	41540	1RB#24	21.44	PASS
Band41	10MHz	16QAM	41540	1RB#49	21.30	PASS
Band41	10MHz	16QAM	41540	25RB#0	20.45	PASS
Band41	10MHz	16QAM	41540	25RB#12	20.46	PASS
Band41	10MHz	16QAM	41540	25RB#25	20.41	PASS
Band41	10MHz	16QAM	41540	50RB#0	20.48	PASS
Band41	15MHz	QPSK	39725	1RB#0	22.69	PASS
Band41	15MHz	QPSK	39725	1RB#38	22.68	PASS
Band41	15MHz	QPSK	39725	1RB#74	22.72	PASS
Band41	15MHz	QPSK	39725	38RB#0	21.62	PASS
Band41	15MHz	QPSK	39725	38RB#18	21.61	PASS
Band41	15MHz	QPSK	39725	38RB#37	21.62	PASS
Band41	15MHz	QPSK	39725	75RB#0	21.63	PASS
Band41	15MHz	QPSK	40620	1RB#0	22.72	PASS
Band41	15MHz	QPSK	40620	1RB#38	22.70	PASS
Band41	15MHz	QPSK	40620	1RB#74	22.71	PASS
Band41	15MHz	QPSK	40620	38RB#0	21.58	PASS
Band41	15MHz	QPSK	40620	38RB#18	21.59	PASS
Band41	15MHz	QPSK	40620	38RB#37	21.59	PASS
Band41	15MHz	QPSK	40620	75RB#0	21.59	PASS
Band41	15MHz	QPSK	41515	1RB#0	22.53	PASS
Band41	15MHz	QPSK	41515	1RB#38	22.64	PASS
Band41	15MHz	QPSK	41515	1RB#74	22.56	PASS
Band41	15MHz	QPSK	41515	38RB#0	21.61	PASS
Band41	15MHz	QPSK	41515	38RB#18	21.61	PASS
Band41	15MHz	QPSK	41515	38RB#37	21.61	PASS
Band41	15MHz	QPSK	41515	75RB#0	21.63	PASS
Band41	15MHz	16QAM	39725	1RB#0	22.21	PASS
Band41	15MHz	16QAM	39725	1RB#38	22.30	PASS

Band41	15MHz	16QAM	39725	1RB#74	22.22	PASS
Band41	15MHz	16QAM	39725	38RB#0	21.61	PASS
Band41	15MHz	16QAM	39725	38RB#18	21.62	PASS
Band41	15MHz	16QAM	39725	38RB#37	21.64	PASS
Band41	15MHz	16QAM	39725	75RB#0	20.68	PASS
Band41	15MHz	16QAM	40620	1RB#0	21.53	PASS
Band41	15MHz	16QAM	40620	1RB#38	21.42	PASS
Band41	15MHz	16QAM	40620	1RB#74	21.48	PASS
Band41	15MHz	16QAM	40620	38RB#0	21.59	PASS
Band41	15MHz	16QAM	40620	38RB#18	21.55	PASS
Band41	15MHz	16QAM	40620	38RB#37	21.55	PASS
Band41	15MHz	16QAM	40620	75RB#0	20.66	PASS
Band41	15MHz	16QAM	41515	1RB#0	21.62	PASS
Band41	15MHz	16QAM	41515	1RB#38	21.64	PASS
Band41	15MHz	16QAM	41515	1RB#74	21.45	PASS
Band41	15MHz	16QAM	41515	38RB#0	21.61	PASS
Band41	15MHz	16QAM	41515	38RB#18	21.61	PASS
Band41	15MHz	16QAM	41515	38RB#37	21.56	PASS
Band41	15MHz	16QAM	41515	75RB#0	20.64	PASS
Band41	20MHz	QPSK	39750	1RB#0	22.67	PASS
Band41	20MHz	QPSK	39750	1RB#49	22.74	PASS
Band41	20MHz	QPSK	39750	1RB#99	22.66	PASS
Band41	20MHz	QPSK	39750	50RB#0	21.80	PASS
Band41	20MHz	QPSK	39750	50RB#25	21.65	PASS
Band41	20MHz	QPSK	39750	50RB#50	21.68	PASS
Band41	20MHz	QPSK	39750	100RB#0	21.75	PASS
Band41	20MHz	QPSK	40620	1RB#0	22.82	PASS
Band41	20MHz	QPSK	40620	1RB#49	22.72	PASS
Band41	20MHz	QPSK	40620	1RB#99	22.63	PASS
Band41	20MHz	QPSK	40620	50RB#0	21.64	PASS
Band41	20MHz	QPSK	40620	50RB#25	21.65	PASS
Band41	20MHz	QPSK	40620	50RB#50	21.62	PASS
Band41	20MHz	QPSK	40620	100RB#0	21.61	PASS
Band41	20MHz	QPSK	41490	1RB#0	22.71	PASS
Band41	20MHz	QPSK	41490	1RB#49	22.65	PASS
Band41	20MHz	QPSK	41490	1RB#99	22.58	PASS
Band41	20MHz	QPSK	41490	50RB#0	21.68	PASS

Band41	20MHz	QPSK	41490	50RB#25	21.69	PASS
Band41	20MHz	QPSK	41490	50RB#50	21.58	PASS
Band41	20MHz	QPSK	41490	100RB#0	21.56	PASS
Band41	20MHz	16QAM	39750	1RB#0	21.93	PASS
Band41	20MHz	16QAM	39750	1RB#49	21.84	PASS
Band41	20MHz	16QAM	39750	1RB#99	21.89	PASS
Band41	20MHz	16QAM	39750	50RB#0	20.75	PASS
Band41	20MHz	16QAM	39750	50RB#25	20.81	PASS
Band41	20MHz	16QAM	39750	50RB#50	20.79	PASS
Band41	20MHz	16QAM	39750	100RB#0	20.78	PASS
Band41	20MHz	16QAM	40620	1RB#0	21.36	PASS
Band41	20MHz	16QAM	40620	1RB#49	21.25	PASS
Band41	20MHz	16QAM	40620	1RB#99	21.33	PASS
Band41	20MHz	16QAM	40620	50RB#0	20.66	PASS
Band41	20MHz	16QAM	40620	50RB#25	20.71	PASS
Band41	20MHz	16QAM	40620	50RB#50	20.69	PASS
Band41	20MHz	16QAM	40620	100RB#0	20.65	PASS
Band41	20MHz	16QAM	41490	1RB#0	21.84	PASS
Band41	20MHz	16QAM	41490	1RB#49	21.66	PASS
Band41	20MHz	16QAM	41490	1RB#99	21.51	PASS
Band41	20MHz	16QAM	41490	50RB#0	20.61	PASS
Band41	20MHz	16QAM	41490	50RB#25	20.60	PASS
Band41	20MHz	16QAM	41490	50RB#50	20.50	PASS
Band41	20MHz	16QAM	41490	100RB#0	20.64	PASS

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

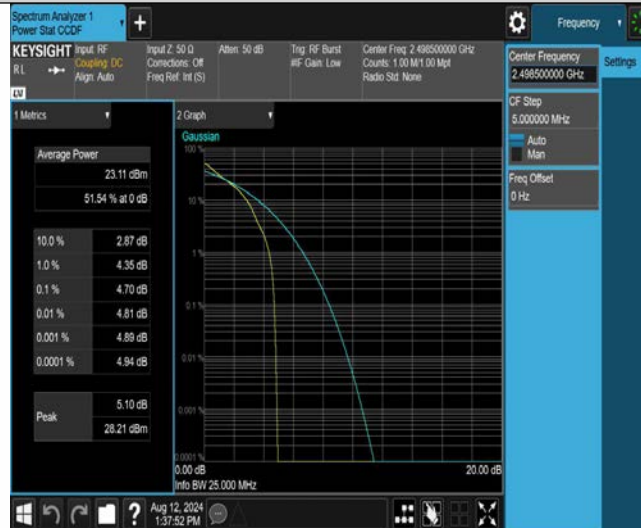
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	4.70	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	5.34	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	5.17	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.61	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	5.17	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	5.49	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	5.51	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	6.36	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	6.01	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.68	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	5.49	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	6.15	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	4.65	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	5.08	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	5.57	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.39	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	4.93	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	5.26	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	5.84	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	5.97	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	6.21	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	6.26	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	5.92	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	6.15	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	4.63	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.34	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	5.29	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	5.57	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	4.58	13	PASS
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Band41	15MHz	16QAM	39725	1RB#0	5.93	13	PASS

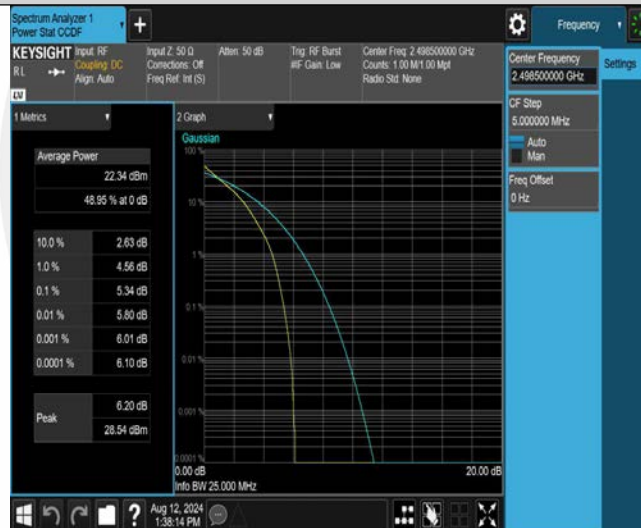
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Band41	15MHz	16QAM	40620	75RB#0	6.34	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	5.75	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	6.19	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	4.93	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	5.11	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	5.09	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.31	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	5.05	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	5.20	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	6.11	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	5.99	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	5.60	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	6.16	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	5.73	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	6.09	13	PASS

Test Graphs

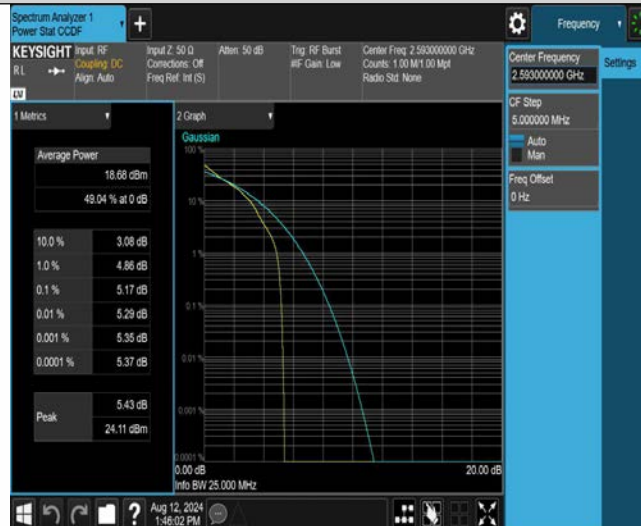
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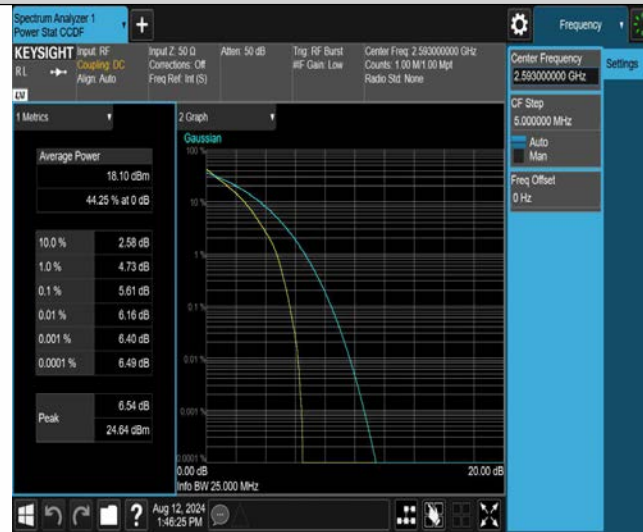
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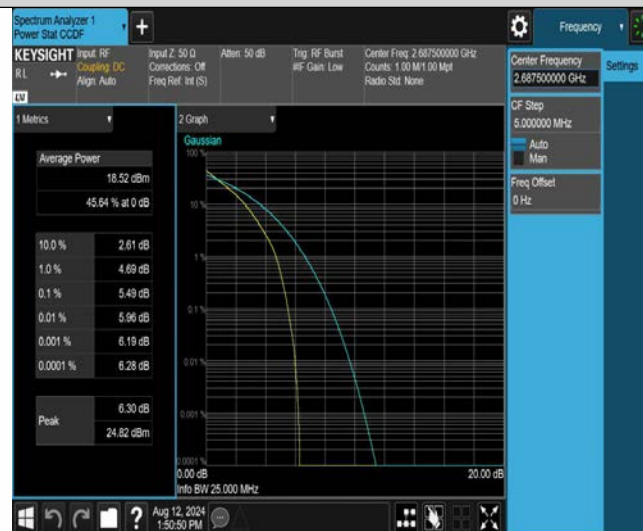
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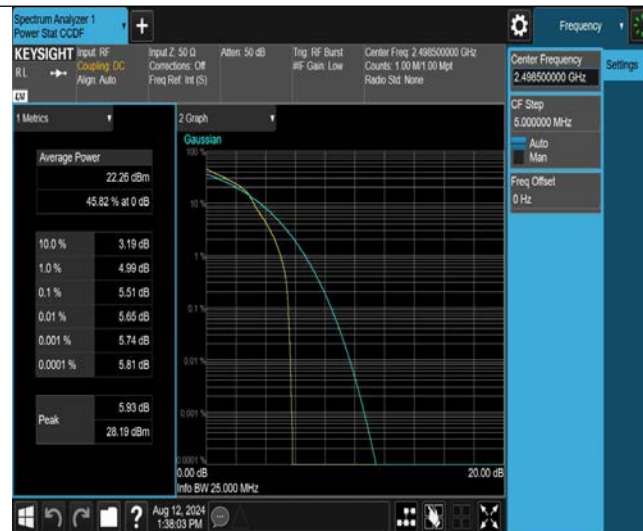
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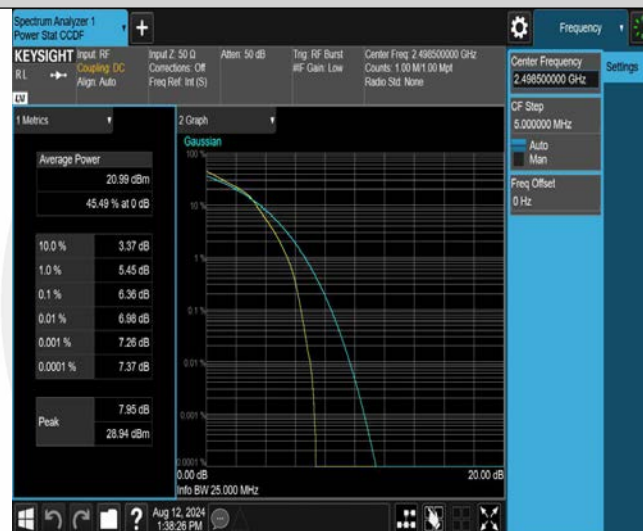
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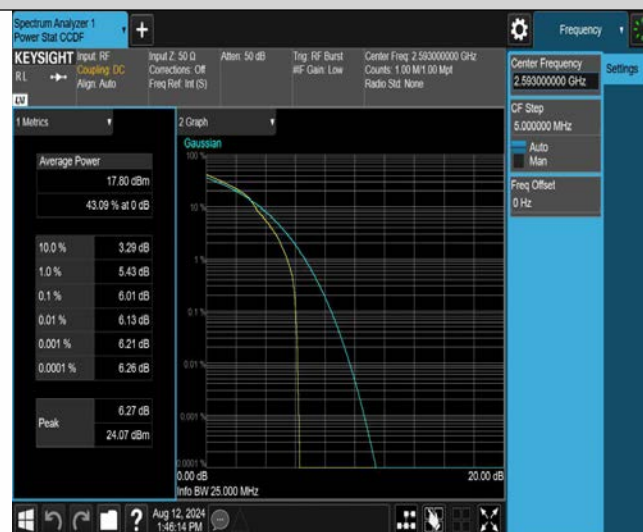
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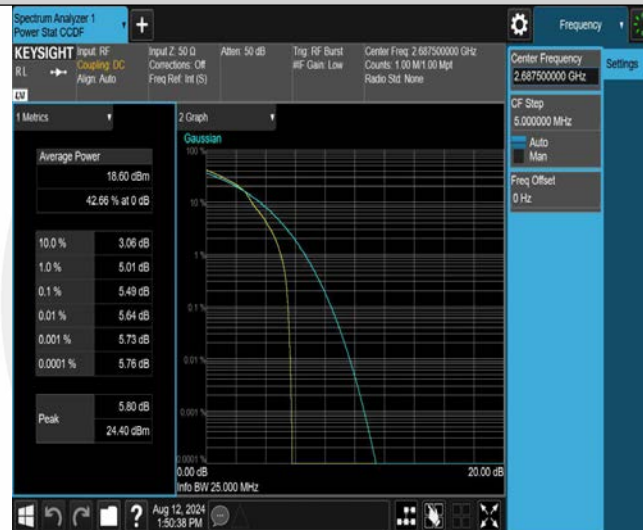
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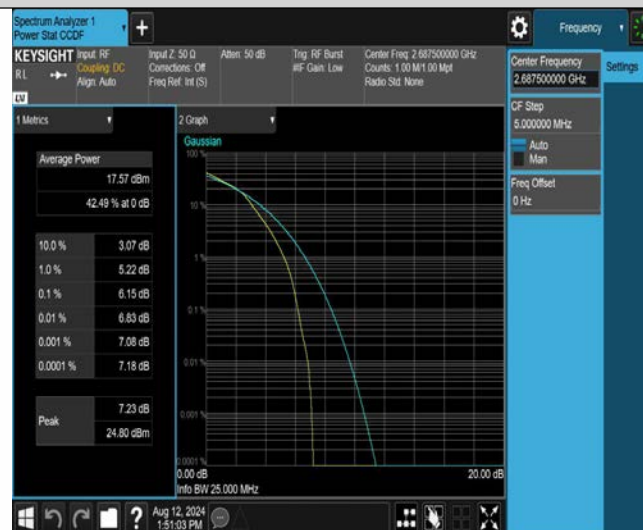
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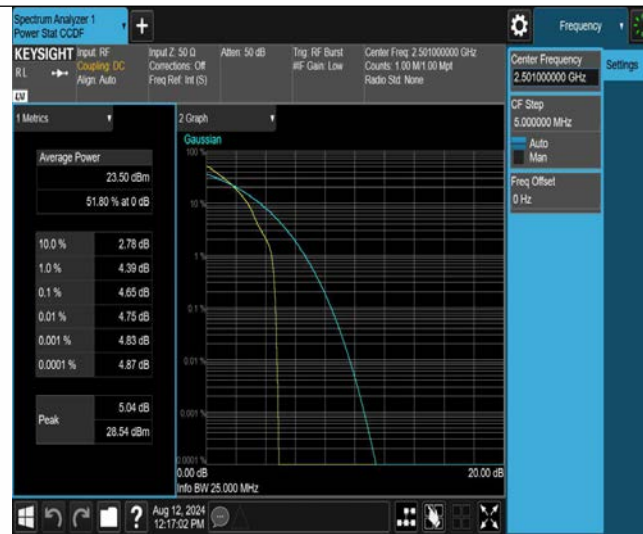
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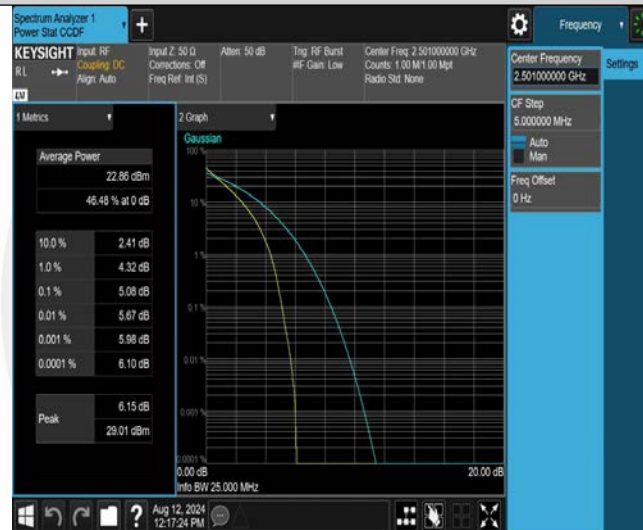
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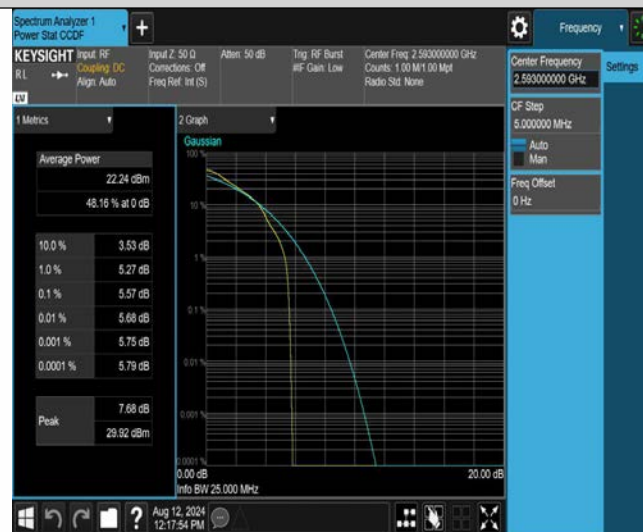
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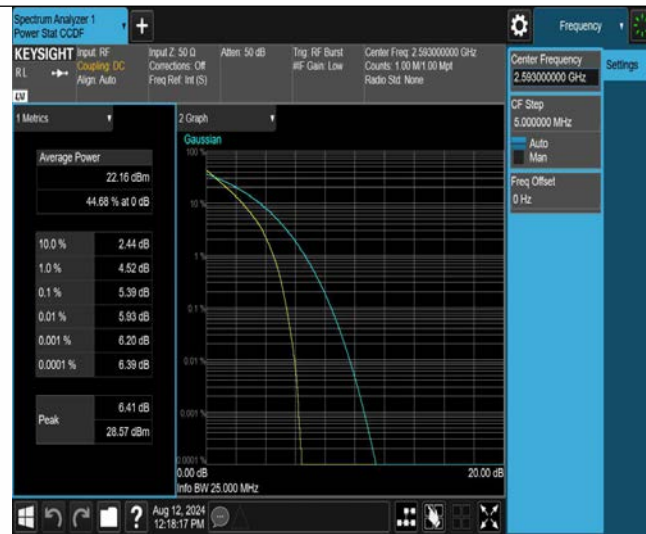
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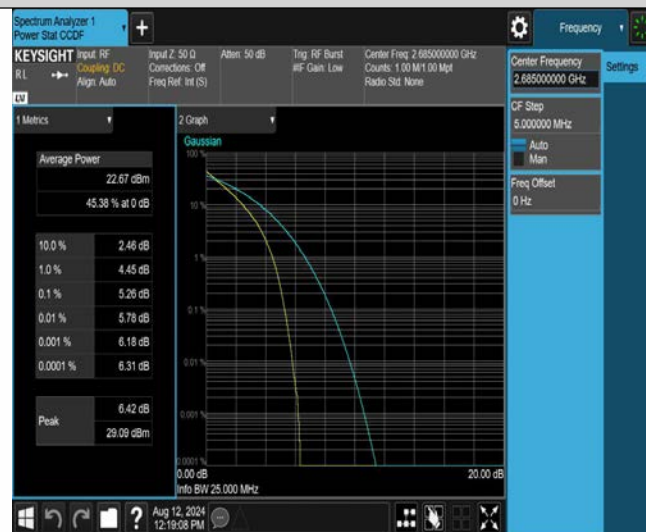
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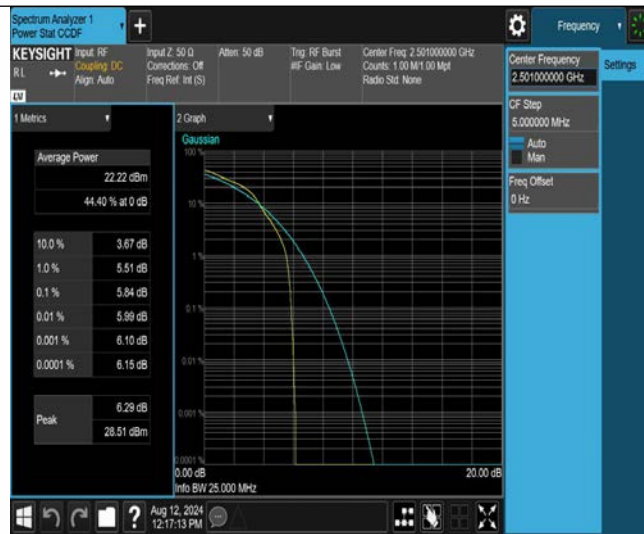
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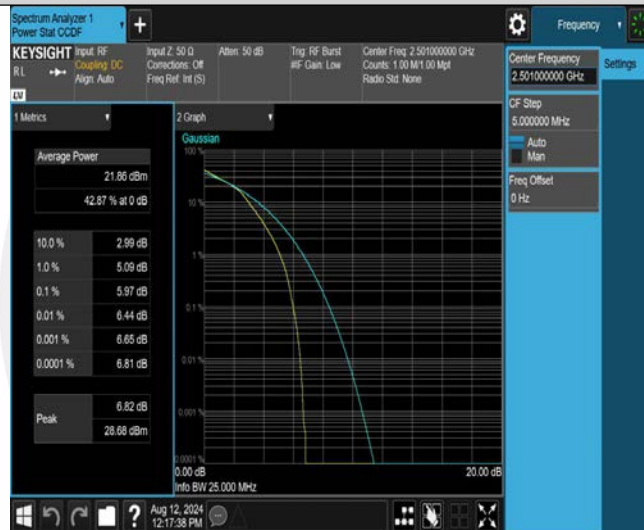
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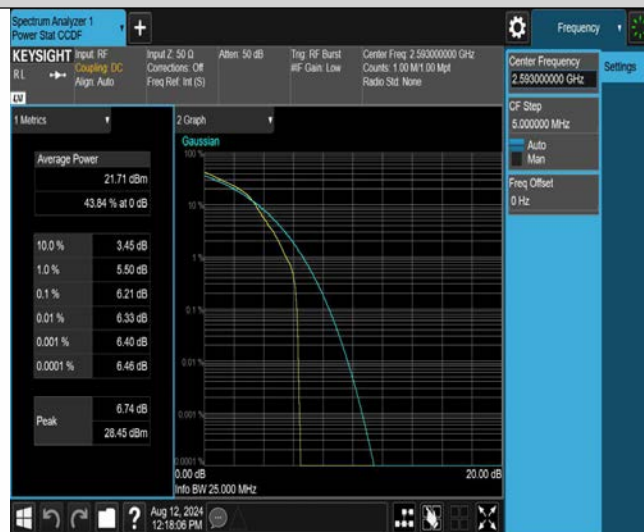
Band41-10MHz-16QAM-39700-1RB#0



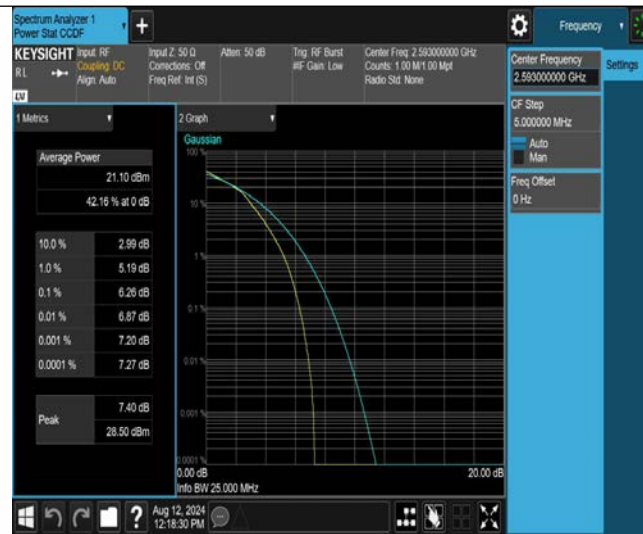
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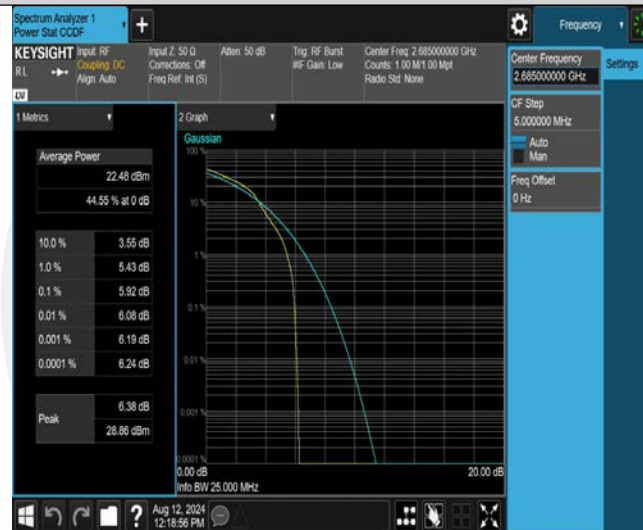
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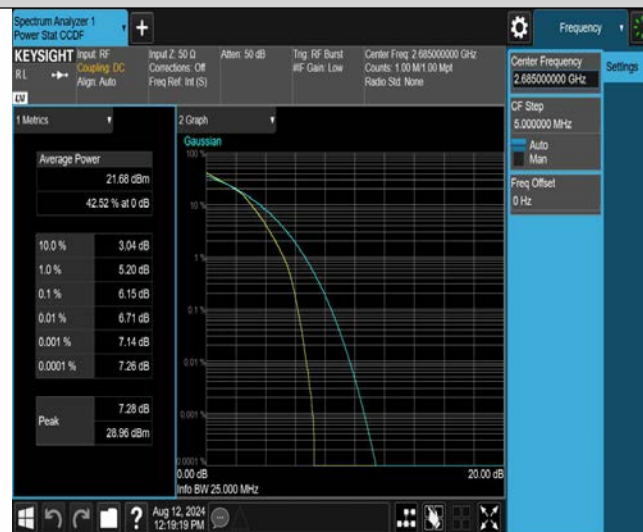
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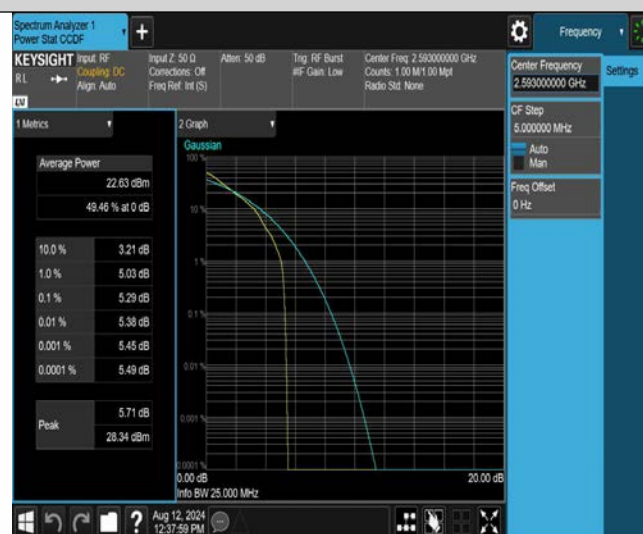
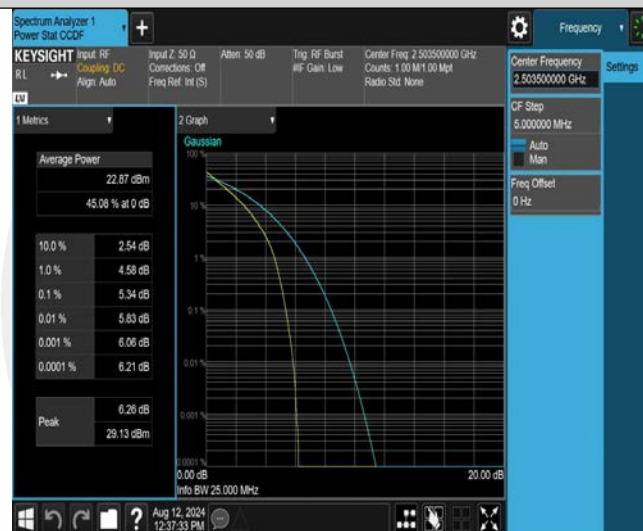
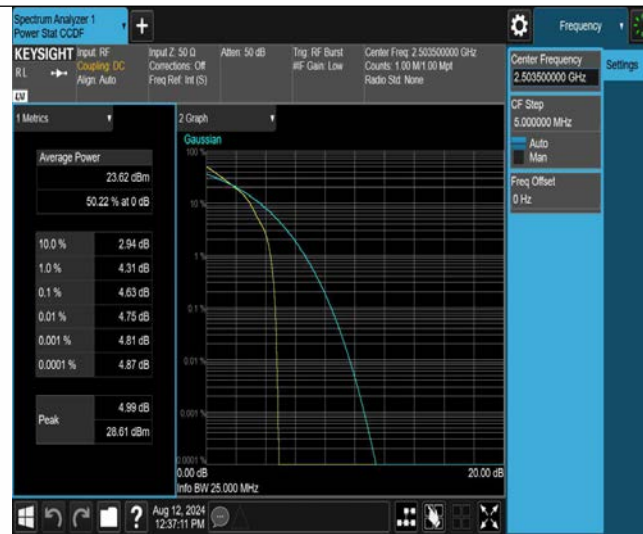
Band41-10MHz-16QAM-41540-1RB#0

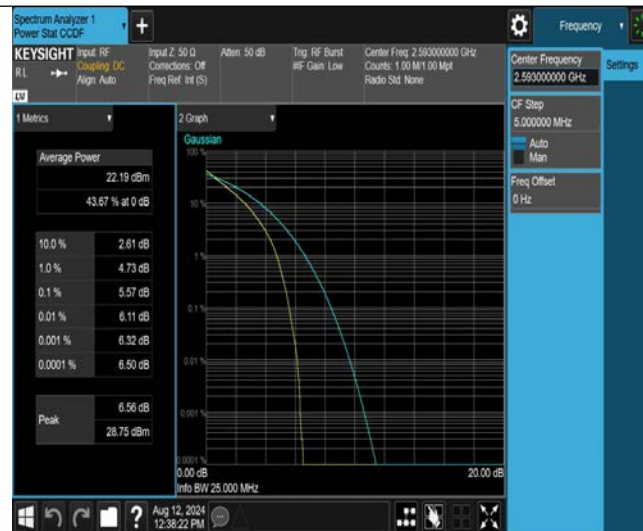


Band41-10MHz-16QAM-41540-50RB#0

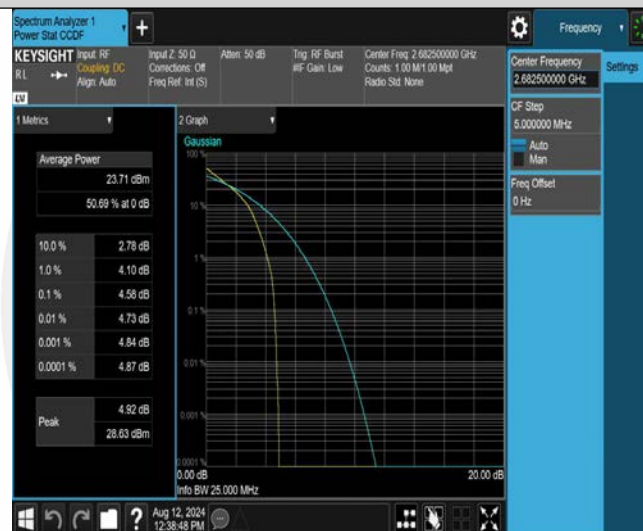


Band41-15MHz-QPSK-39725-1RB#0

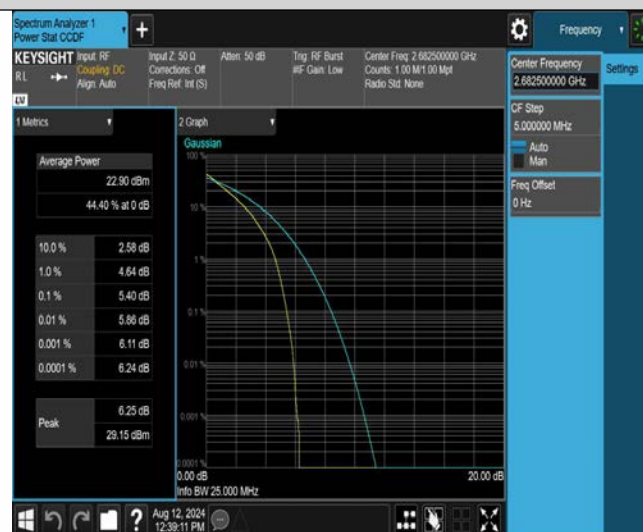




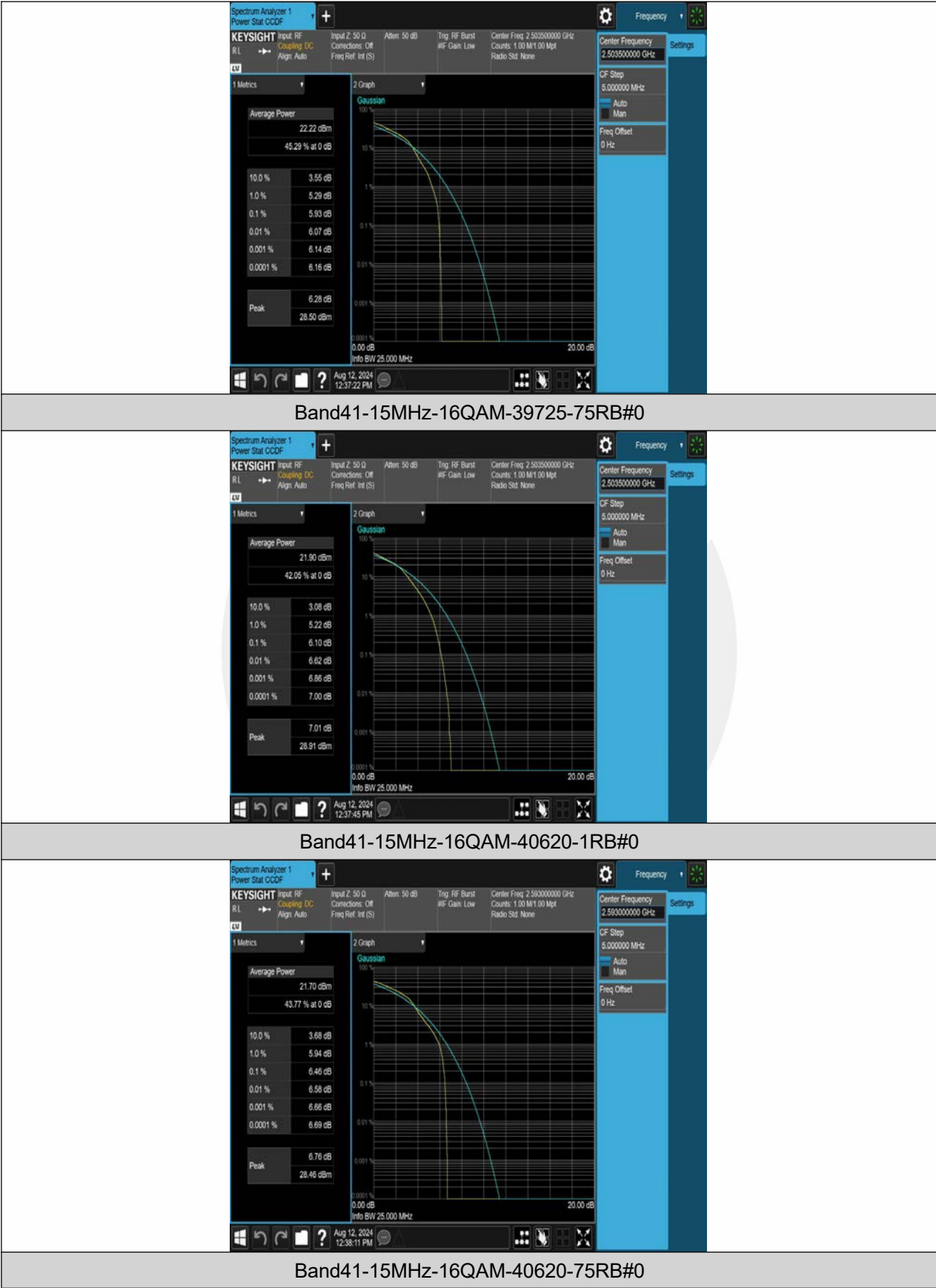
Band41-15MHz-QPSK-41515-1RB#0

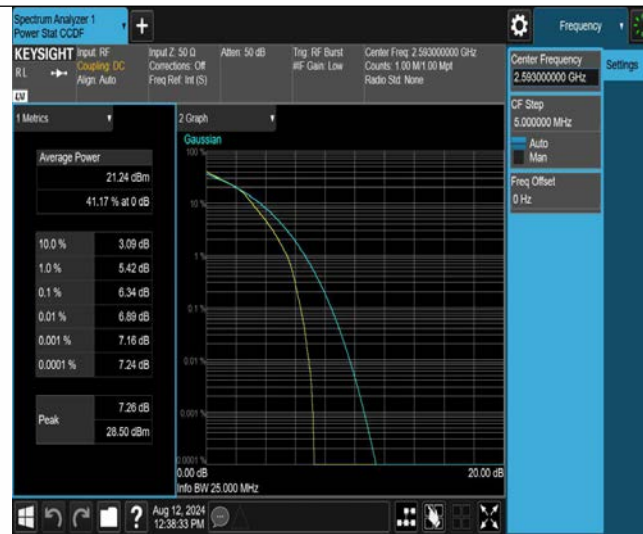


Band41-15MHz-QPSK-41515-75RB#0

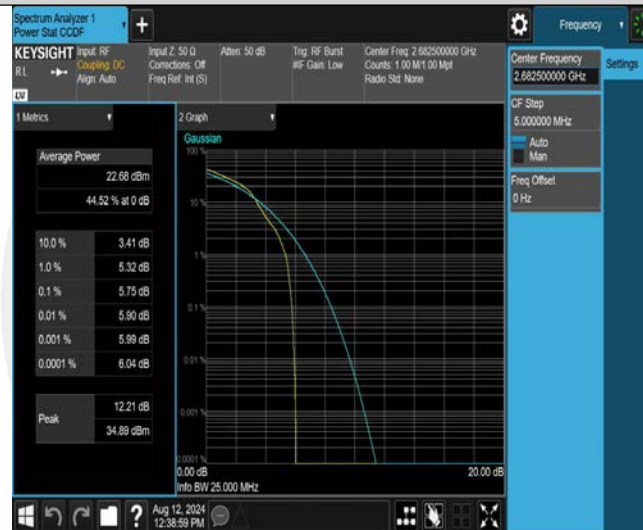


Band41-15MHz-16QAM-39725-1RB#0





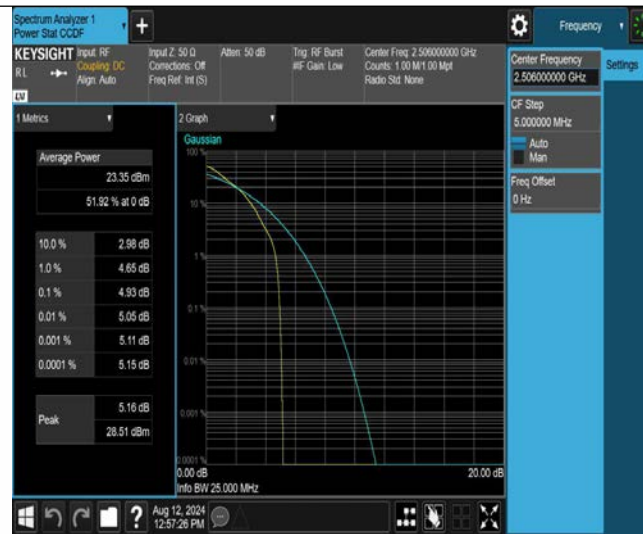
Band41-15MHz-16QAM-41515-1RB#0



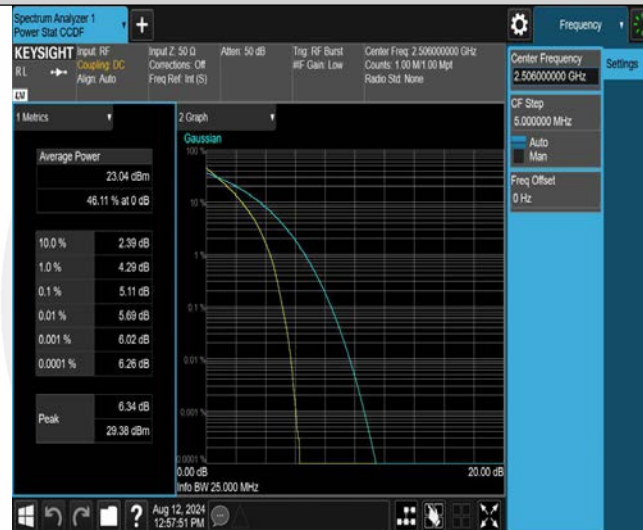
Band41-15MHz-16QAM-41515-75RB#0



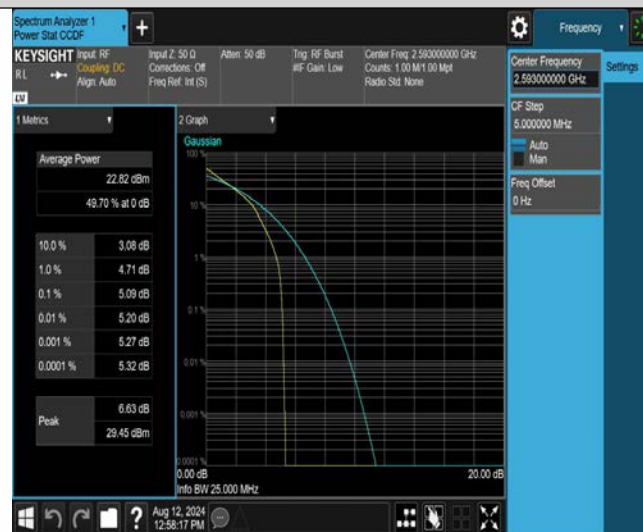
Band41-20MHz-QPSK-39750-1RB#0



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



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



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



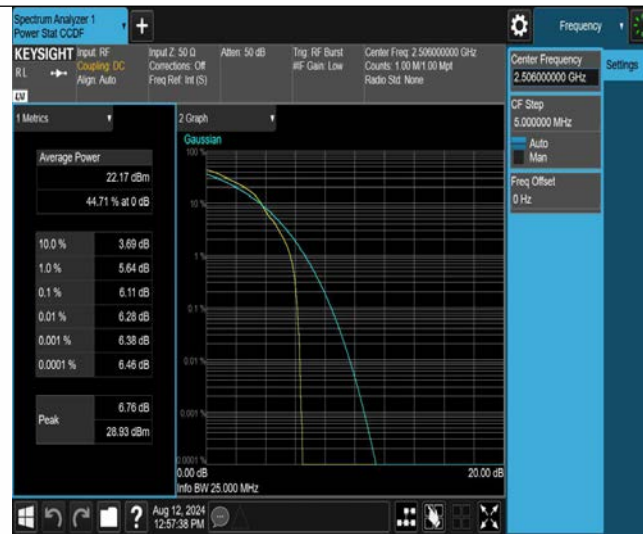
Band41-20MHz-QPSK-41490-1RB#0



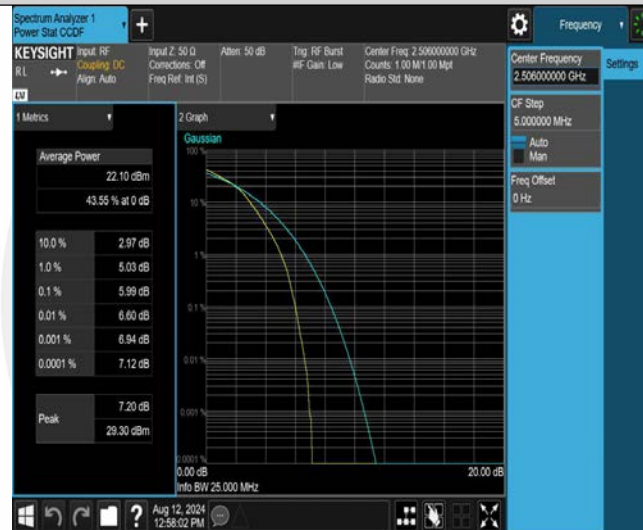
Band41-20MHz-QPSK-41490-100RB#0



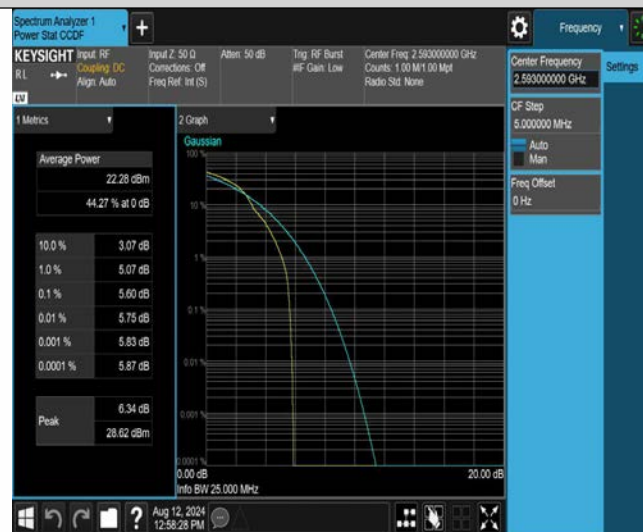
Band41-20MHz-16QAM-39750-1RB#0



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

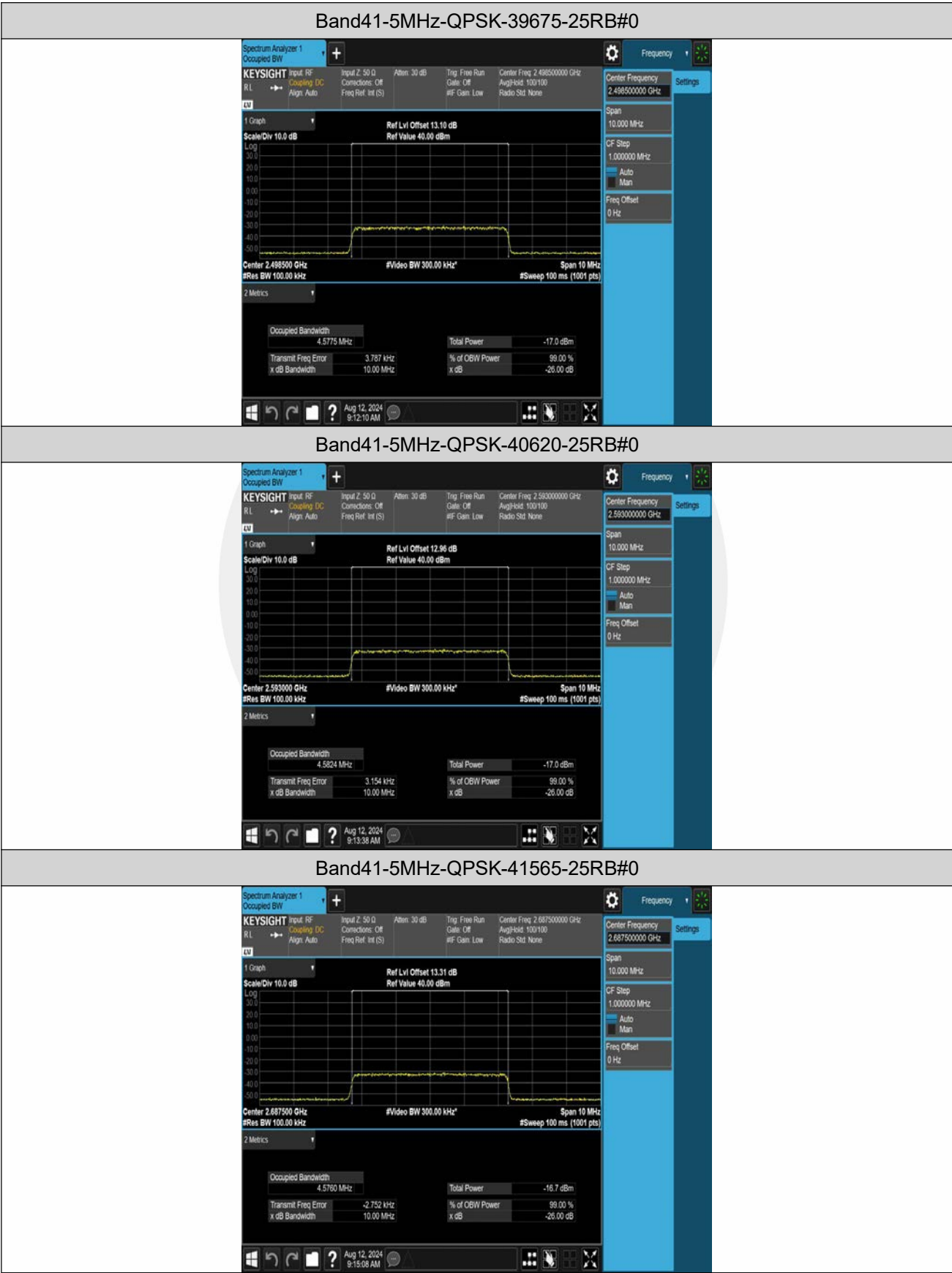


Appendix C: 26dB Bandwidth and Occupied Bandwidth

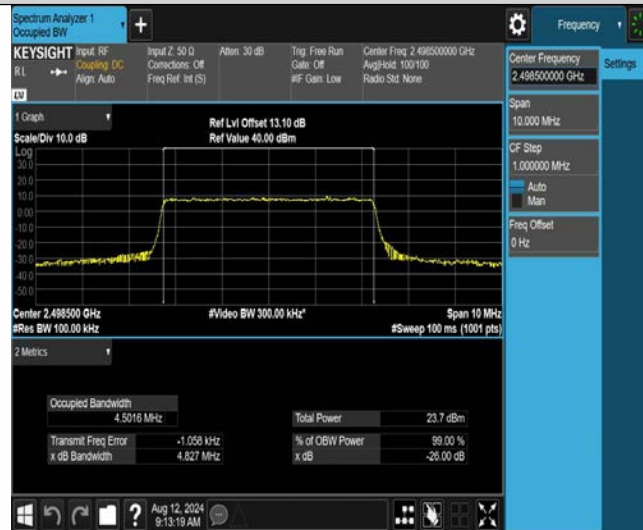
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5775	10.00	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5824	10.00	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.5760	10.00	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5016	4.827	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4891	4.822	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.5015	4.837	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9607	9.531	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9655	9.548	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9781	9.467	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9569	9.503	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9760	9.522	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9766	9.517	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.452	14.23	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.442	14.26	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.441	14.24	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.439	14.26	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.434	14.23	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.453	14.26	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.896	18.95	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.911	18.96	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.858	18.91	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.897	18.93	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.923	18.94	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.860	18.93	PASS

Test Graphs



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



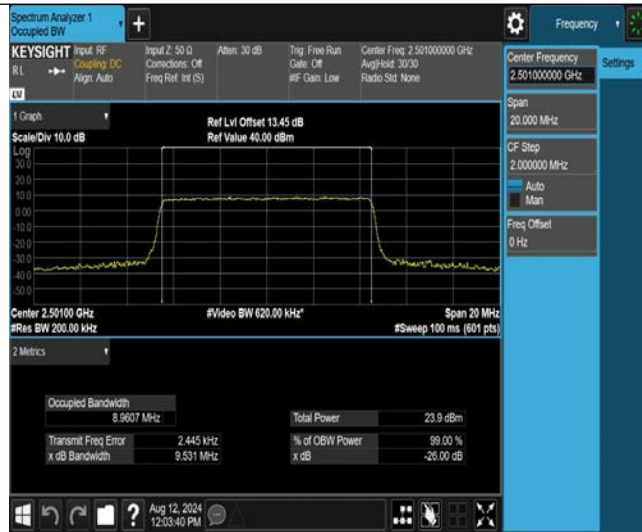
Band41-5MHz-16QAM-40620-25RB#0



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



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



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



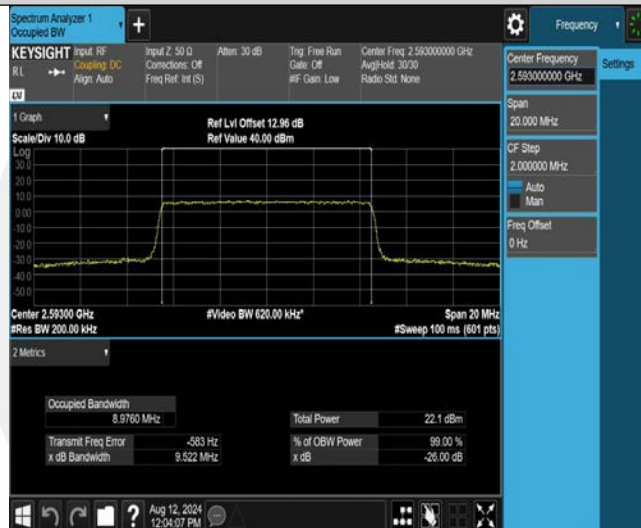
Band41-10MHz-QPSK-41540-50RB#0



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



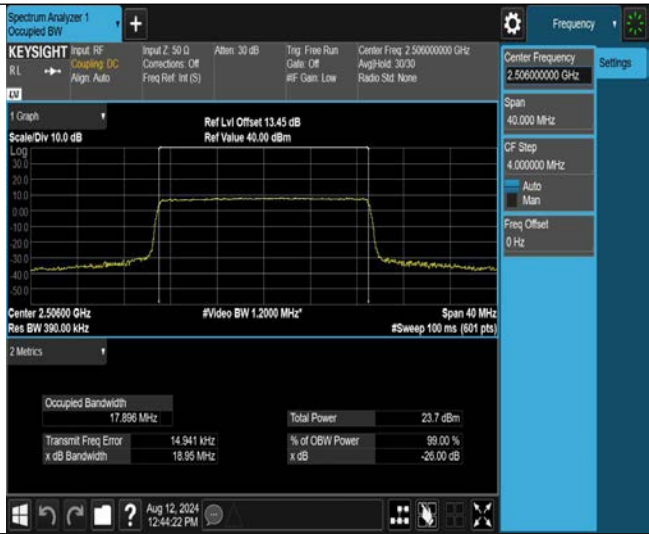
Band41-15MHz-16QAM-40620-75RB#0



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



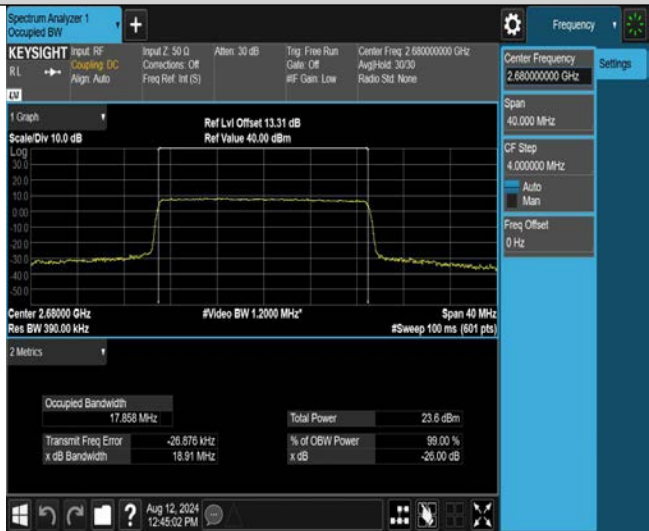
Band41-20MHz-QPSK-39750-100RB#0



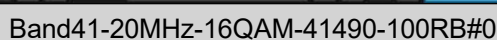
Band41-20MHz-QPSK-40620-100RB#0



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



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



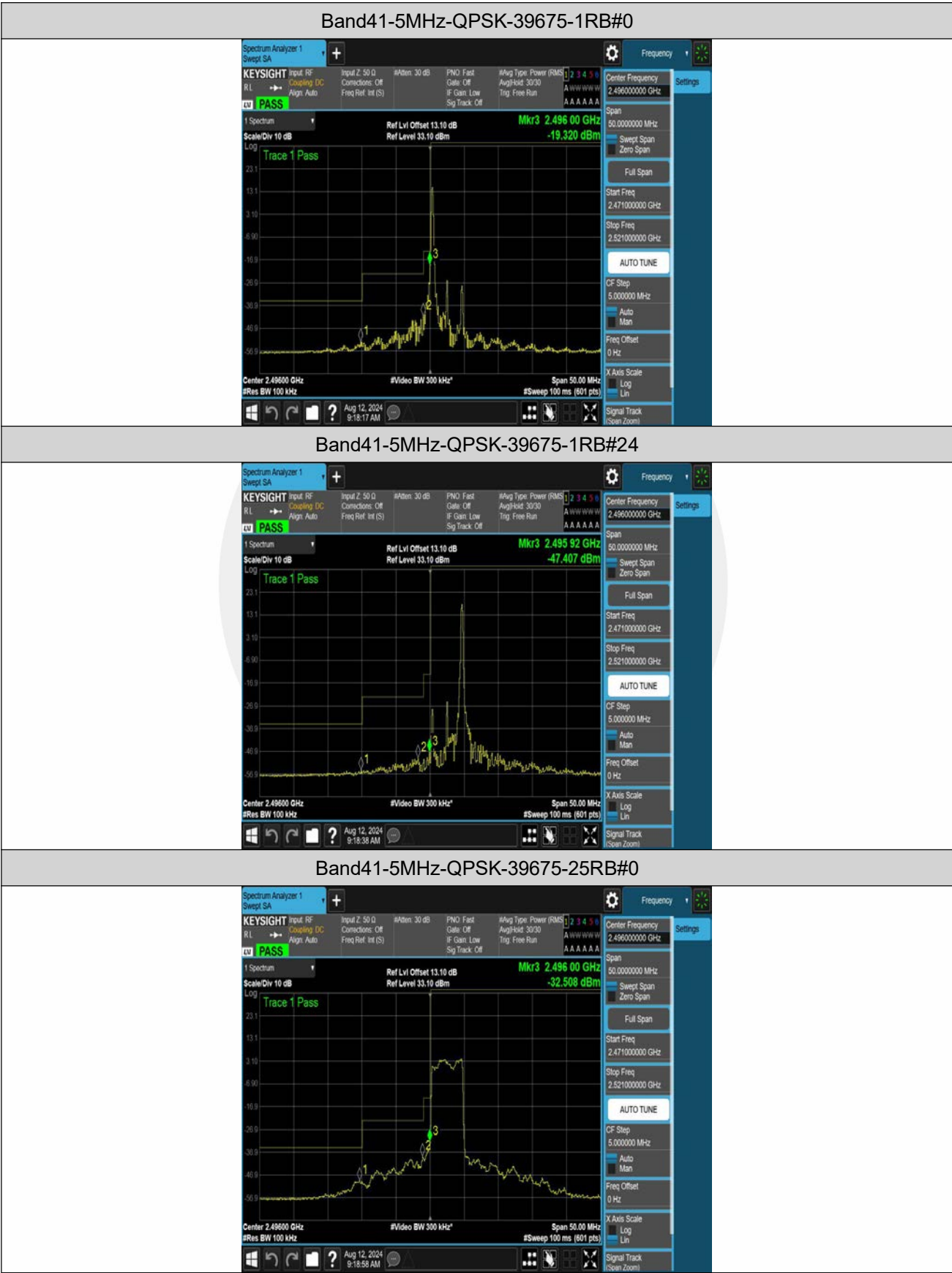
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	-52.90,-41.88,-19.32	PASS
Band41	5MHz	QPSK	39675	1RB#24	-55.40,-50.11,-47.41	PASS
Band41	5MHz	QPSK	39675	25RB#0	-49.67,-38.87,-32.51	PASS
Band41	5MHz	QPSK	41565	1RB#0	-56.86,-56.86,-56.92,-56.92	PASS
Band41	5MHz	QPSK	41565	1RB#24	-53.50,-56.75,-56.73,-56.82	PASS
Band41	5MHz	QPSK	41565	25RB#0	-55.72,-56.74,-56.60,-56.82	PASS
Band41	5MHz	16QAM	39675	1RB#0	-50.04,-39.68,-20.54	PASS
Band41	5MHz	16QAM	39675	1RB#24	-52.90,-48.68,-48.97	PASS
Band41	5MHz	16QAM	39675	25RB#0	-45.45,-38.44,-31.48	PASS
Band41	5MHz	16QAM	41565	1RB#0	-56.84,-56.71,-56.88,-56.80	PASS
Band41	5MHz	16QAM	41565	1RB#24	-51.12,-56.87,-56.84,-56.86	PASS
Band41	5MHz	16QAM	41565	25RB#0	-55.72,-56.81,-56.93,-56.74	PASS
Band41	10MHz	QPSK	39700	1RB#0	-51.36,-44.11,-26.54	PASS
Band41	10MHz	QPSK	39700	1RB#49	-53.83,-50.37,-50.56	PASS
Band41	10MHz	QPSK	39700	50RB#0	-45.23,-40.31,-32.40	PASS
Band41	10MHz	QPSK	41540	1RB#0	-50.48,-51.73,-52.73,-53.65	PASS
Band41	10MHz	QPSK	41540	1RB#49	-24.79,-42.84,-50.01,-51.33	PASS
Band41	10MHz	QPSK	41540	50RB#0	-32.37,-36.52,-40.85,-44.08	PASS
Band41	10MHz	16QAM	39700	1RB#0	-52.93,-43.01,-29.39	PASS
Band41	10MHz	16QAM	39700	1RB#49	-53.88,-49.72,-52.15	PASS
Band41	10MHz	16QAM	39700	50RB#0	-44.58,-37.79,-34.24	PASS
Band41	10MHz	16QAM	41540	1RB#0	-51.52,-51.12,-52.72,-53.62	PASS
Band41	10MHz	16QAM	41540	1RB#49	-26.83,-42.92,-50.18,-51.66	PASS
Band41	10MHz	16QAM	41540	50RB#0	-33.10,-34.82,-38.78,-44.01	PASS
Band41	15MHz	QPSK	39725	1RB#0	-51.94,-41.32,-26.82	PASS
Band41	15MHz	QPSK	39725	1RB#74	-52.13,-49.01,-50.54	PASS
Band41	15MHz	QPSK	39725	75RB#0	-43.40,-38.30,-35.22	PASS
Band41	15MHz	QPSK	41515	1RB#0	-51.00,-51.57,-50.35,-52.04	PASS
Band41	15MHz	QPSK	41515	1RB#74	-26.63,-43.49,-44.71,-51.62	PASS
Band41	15MHz	QPSK	41515	75RB#0	-30.27,-32.93,-37.53,-42.58	PASS
Band41	15MHz	16QAM	39725	1RB#0	-52.04,-41.23,-28.34	PASS
Band41	15MHz	16QAM	39725	1RB#74	-52.18,-50.76,-50.81	PASS

Band41	15MHz	16QAM	39725	75RB#0	-43.56,-36.67,-35.12	PASS
Band41	15MHz	16QAM	41515	1RB#0	-50.01,-51.75,-49.27,-52.02	PASS
Band41	15MHz	16QAM	41515	1RB#74	-27.24,-43.71,-46.44,-51.84	PASS
Band41	15MHz	16QAM	41515	75RB#0	-33.37,-33.49,-37.18,-42.01	PASS
Band41	20MHz	QPSK	39750	1RB#0	-51.10,-41.75,-27.60	PASS
Band41	20MHz	QPSK	39750	1RB#99	-51.06,-48.29,-50.73	PASS
Band41	20MHz	QPSK	39750	100RB#0	-49.32,-38.20,-33.95	PASS
Band41	20MHz	QPSK	41490	1RB#0	-50.67,-25.40,-49.12,-50.95	PASS
Band41	20MHz	QPSK	41490	1RB#99	-32.11,-42.38,-43.92,-46.54	PASS
Band41	20MHz	QPSK	41490	100RB#0	-33.42,-35.95,-38.05,-44.22	PASS
Band41	20MHz	16QAM	39750	1RB#0	-51.09,-42.59,-32.78	PASS
Band41	20MHz	16QAM	39750	1RB#99	-51.05,-48.90,-50.78	PASS
Band41	20MHz	16QAM	39750	100RB#0	-49.90,-35.79,-34.73	PASS
Band41	20MHz	16QAM	41490	1RB#0	-50.74,-25.66,-49.02,-51.01	PASS
Band41	20MHz	16QAM	41490	1RB#99	-29.91,-44.37,-46.02,-47.28	PASS
Band41	20MHz	16QAM	41490	100RB#0	-35.26,-34.65,-36.66,-44.55	PASS

Test Graphs



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



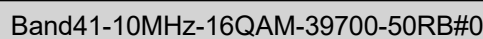
Band41-10MHz-QPSK-41540-1RB#49



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



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





Band41-10MHz-16QAM-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



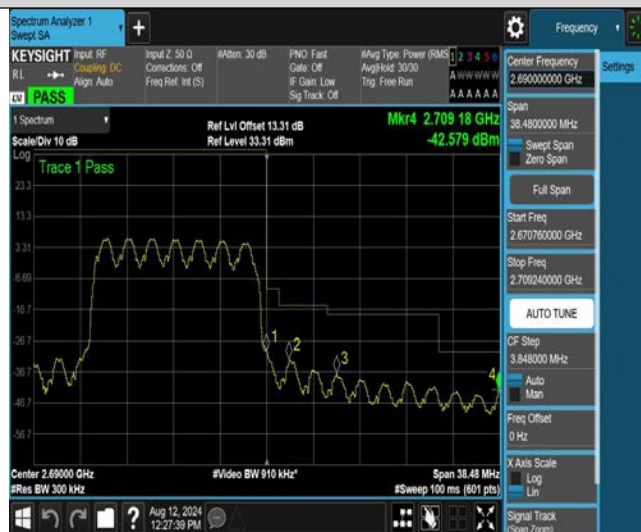
Band41-15MHz-QPSK-41515-1RB#0



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	-66.62	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range2:1000~3000MHz	-37.74	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range3:3000~26500MHz	-48.2	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-66.91	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-40.13	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-47.19	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range1:30~1000MHz	-66.42	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range2:1000~3000MHz	-38.37	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range3:3000~26500MHz	-48.52	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range1:30~1000MHz	-66.9	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range2:1000~3000MHz	-39.27	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range3:3000~26500MHz	-48.15	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-48.33	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-37.7	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-48.2	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range1:30~1000MHz	-66.67	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range2:1000~	-39.91	PASS

					3000MHz		
Band41	5MHz	16QAM	41565	1RB#0	Range3:3000~26500MHz	-46.5	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:30~1000MHz	-66.71	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range2:1000~3000MHz	-39.8	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range3:3000~26500MHz	-43.35	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-66.26	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-39.75	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-47.29	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range1:30~1000MHz	-59.73	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range2:1000~3000MHz	-39.06	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range3:3000~26500MHz	-38.63	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range1:30~1000MHz	-66.99	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range2:1000~3000MHz	-38.7	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range3:3000~26500MHz	-48.75	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-66.73	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-39.16	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-40.88	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range1:30~1000MHz	-58.75	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range2:1000~3000MHz	-39.02	PASS

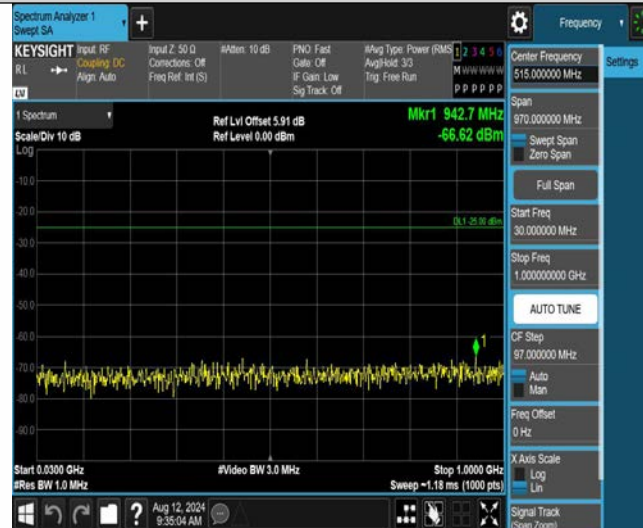
Band41	10MHz	16QAM	41540	1RB#0	Range3:3000~26500MHz	-47.95	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:30~1000MHz	-67.67	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range2:1000~3000MHz	-39.51	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range3:3000~26500MHz	-48.33	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-66.4	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-39.51	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-48.07	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:30~1000MHz	-49.46	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range2:1000~3000MHz	-38.55	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range3:3000~26500MHz	-38.4	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range1:30~1000MHz	-66.6	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range2:1000~3000MHz	-38.57	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range3:3000~26500MHz	-47.9	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-67.32	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-39.67	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-41.23	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range1:30~1000MHz	-64.39	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range2:1000~3000MHz	-38.24	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range3:3000~	-44.39	PASS

					26500MHz		
Band41	20MHz	QPSK	39750	1RB#0	Range1:30~1000MHz	-67.29	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range2:1000~3000MHz	-39.67	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range3:3000~26500MHz	-48.57	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:30~1000MHz	-67.62	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range2:1000~3000MHz	-39.37	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range3:3000~26500MHz	-47.13	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:30~1000MHz	-66.12	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range2:1000~3000MHz	-37.54	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range3:3000~26500MHz	-48.04	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range1:30~1000MHz	-67.32	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range2:1000~3000MHz	-38.82	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range3:3000~26500MHz	-46.07	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range1:30~1000MHz	-66.36	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range2:1000~3000MHz	-40.08	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range3:3000~26500MHz	-47.84	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range1:30~1000MHz	-46.71	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range2:1000~3000MHz	-39.08	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range3:3000~26500MHz	-48.75	PASS



Test Graphs

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



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



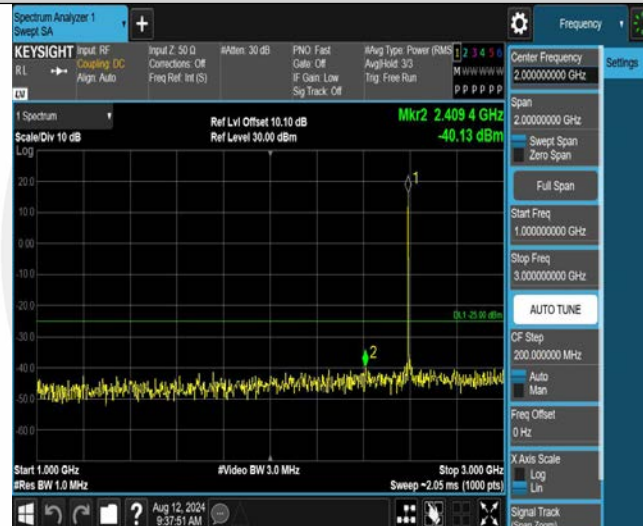
Band41-5MHz-QPSK-39675-1RB#0-Range3:3000~26500MHz



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



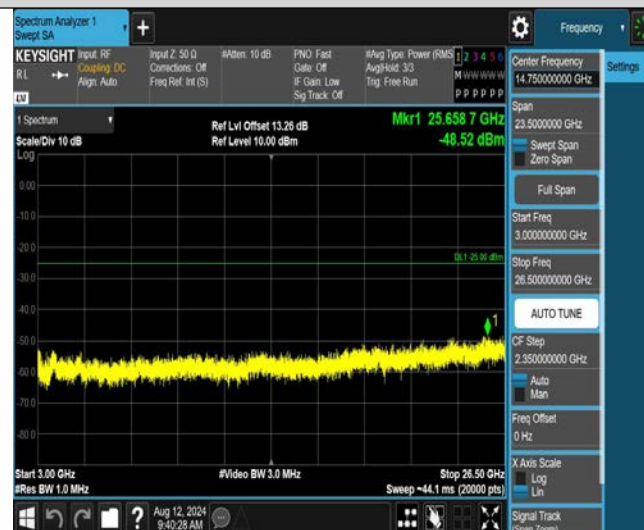
Band41-5MHz-QPSK-41565-1RB#0-Range1:30~1000MHz



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