

LTE Band7 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 A: Effective (Isotropic) Radiated Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	22.48	PASS
Band7	5MHz	QPSK	20775	1RB#12	22.59	PASS
Band7	5MHz	QPSK	20775	1RB#24	22.46	PASS
Band7	5MHz	QPSK	20775	12RB#0	21.49	PASS
Band7	5MHz	QPSK	20775	12RB#6	21.52	PASS
Band7	5MHz	QPSK	20775	12RB#13	21.49	PASS
Band7	5MHz	QPSK	20775	25RB#0	21.52	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.61	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.70	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.61	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.52	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.54	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.55	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.54	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.57	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.61	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.57	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.56	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.51	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.53	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.53	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.72	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.80	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.70	PASS
Band7	5MHz	16QAM	20775	12RB#0	20.61	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.63	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.52	PASS
Band7	5MHz	16QAM	20775	25RB#0	20.56	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.82	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.89	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.80	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.63	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.62	PASS

Band7	5MHz	16QAM	21100	12RB#13	20.61	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.54	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.79	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.83	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.73	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.60	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.63	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.55	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.52	PASS
Band7	10MHz	QPSK	20800	1RB#0	22.61	PASS
Band7	10MHz	QPSK	20800	1RB#24	22.64	PASS
Band7	10MHz	QPSK	20800	1RB#49	22.63	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.73	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.75	PASS
Band7	10MHz	QPSK	20800	25RB#25	21.69	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.72	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.77	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.78	PASS
Band7	10MHz	QPSK	21100	1RB#49	22.77	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.81	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.80	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.76	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.77	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.80	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.74	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.68	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.74	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.76	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.69	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.71	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.96	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.84	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.83	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.73	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.75	PASS
Band7	10MHz	16QAM	20800	25RB#25	20.69	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.74	PASS

Band7	10MHz	16QAM	21100	1RB#0	21.99	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.98	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.99	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.83	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.81	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.82	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.81	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.71	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.64	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.58	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.80	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.79	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.77	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.79	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.77	PASS
Band7	15MHz	QPSK	20825	1RB#38	22.65	PASS
Band7	15MHz	QPSK	20825	1RB#74	22.64	PASS
Band7	15MHz	QPSK	20825	38RB#0	21.67	PASS
Band7	15MHz	QPSK	20825	38RB#18	21.67	PASS
Band7	15MHz	QPSK	20825	38RB#37	21.67	PASS
Band7	15MHz	QPSK	20825	75RB#0	21.68	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.73	PASS
Band7	15MHz	QPSK	21100	1RB#38	22.65	PASS
Band7	15MHz	QPSK	21100	1RB#74	22.63	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.69	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.72	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.72	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.71	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.90	PASS
Band7	15MHz	QPSK	21375	1RB#38	22.73	PASS
Band7	15MHz	QPSK	21375	1RB#74	22.67	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.74	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.76	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.72	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.75	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.91	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.81	PASS

Band7	15MHz	16QAM	20825	1RB#74	21.83	PASS
Band7	15MHz	16QAM	20825	38RB#0	21.67	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.67	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.68	PASS
Band7	15MHz	16QAM	20825	75RB#0	20.66	PASS
Band7	15MHz	16QAM	21100	1RB#0	22.04	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.97	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.96	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.73	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.72	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.71	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.75	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.70	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.65	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.56	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.73	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.75	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.76	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.78	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.70	PASS
Band7	20MHz	QPSK	20850	1RB#49	22.64	PASS
Band7	20MHz	QPSK	20850	1RB#99	22.66	PASS
Band7	20MHz	QPSK	20850	50RB#0	21.74	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.75	PASS
Band7	20MHz	QPSK	20850	50RB#50	21.63	PASS
Band7	20MHz	QPSK	20850	100RB#0	21.69	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.82	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.75	PASS
Band7	20MHz	QPSK	21100	1RB#99	22.67	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.77	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.75	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.73	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.76	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.86	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.63	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.52	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.86	PASS

Band7	20MHz	QPSK	21350	50RB#25	21.87	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.66	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.78	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.92	PASS
Band7	20MHz	16QAM	20850	1RB#49	21.81	PASS
Band7	20MHz	16QAM	20850	1RB#99	21.70	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.70	PASS
Band7	20MHz	16QAM	20850	50RB#25	20.78	PASS
Band7	20MHz	16QAM	20850	50RB#50	20.66	PASS
Band7	20MHz	16QAM	20850	100RB#0	20.69	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.97	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.93	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.87	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.81	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.80	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.77	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.77	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.96	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.76	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.66	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.91	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.90	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.75	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.84	PASS

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

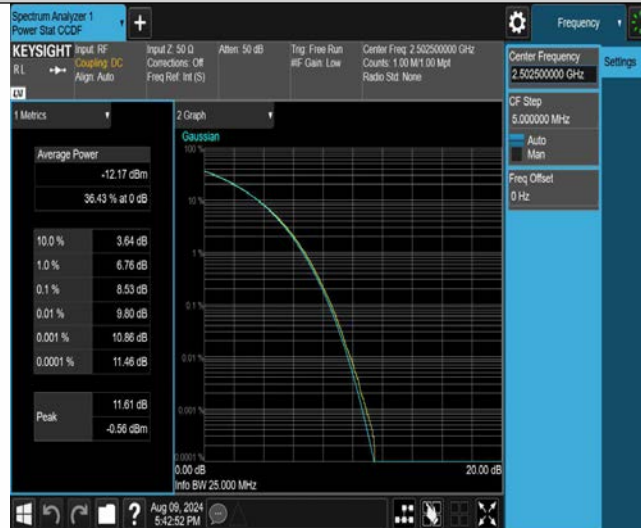
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	8.53	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.83	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	8.52	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.21	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	8.51	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.18	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	4.79	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.72	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.30	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.99	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.17	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.93	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	3.77	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.72	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.43	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.14	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.35	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.12	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	4.59	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.59	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.33	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.96	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.27	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.93	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	3.69	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	4.94	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.39	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.33	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	4.24	13	PASS
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Band7	15MHz	16QAM	20825	1RB#0	4.61	13	PASS

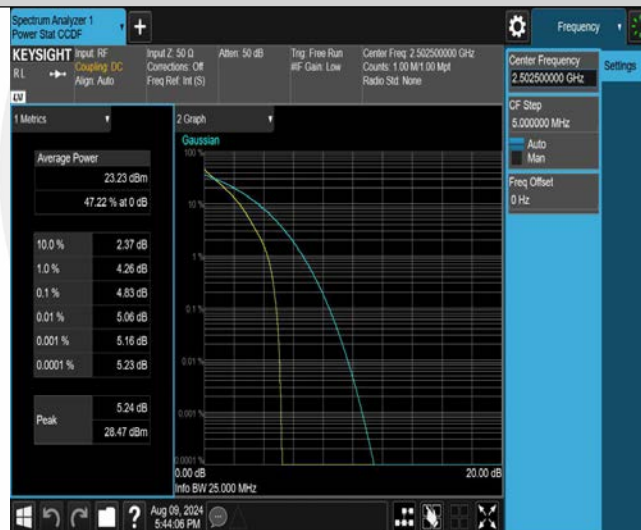
Band7	15MHz	16QAM	20825	75RB#0	5.69	13	PASS
Band7	15MHz	16QAM	21100	1RB#0	5.16	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.01	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.01	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.97	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	3.62	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	4.83	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.34	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.11	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	3.95	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.18	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.48	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.67	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.14	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.93	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	4.86	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.91	13	PASS

Test Graphs

Band7-5MHz-QPSK-20775-1RB#0



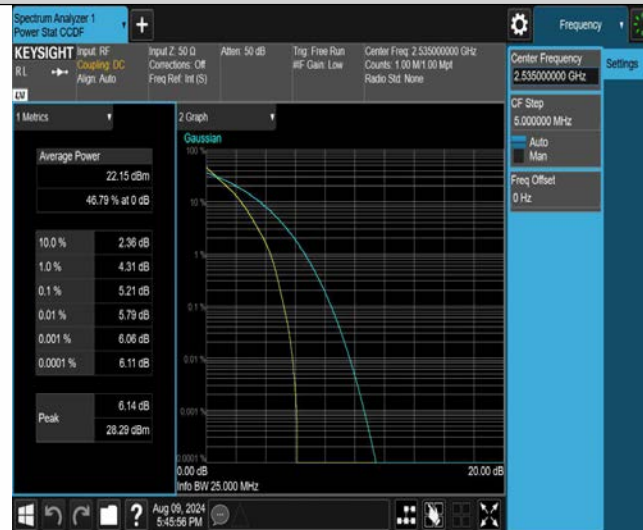
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Band7-5MHz-QPSK-21100-1RB#0



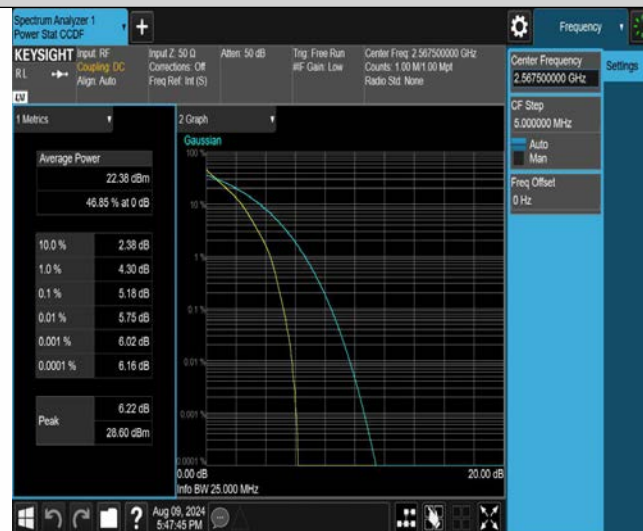
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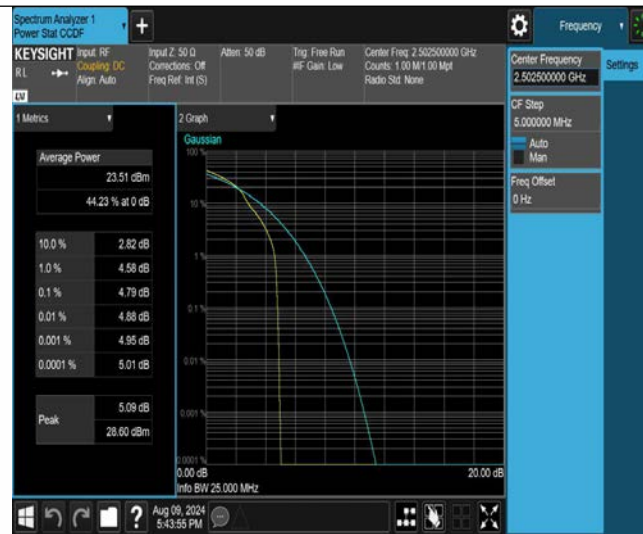
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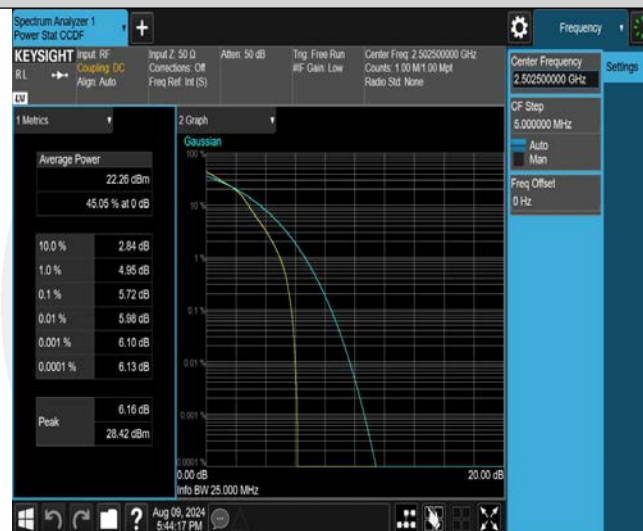
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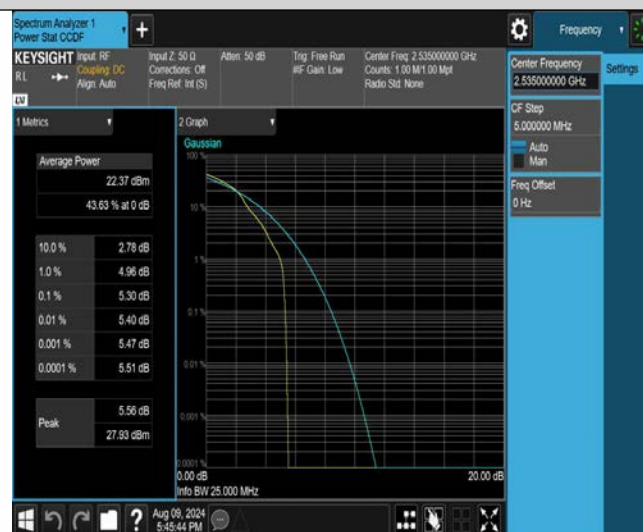
Band7-5MHz-16QAM-20775-1RB#0



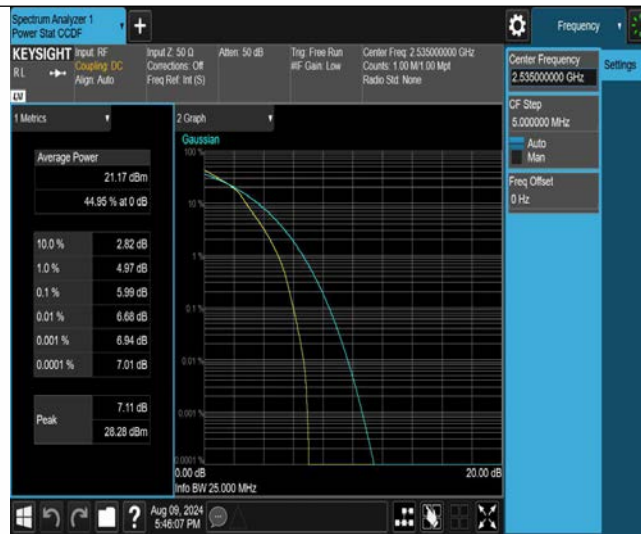
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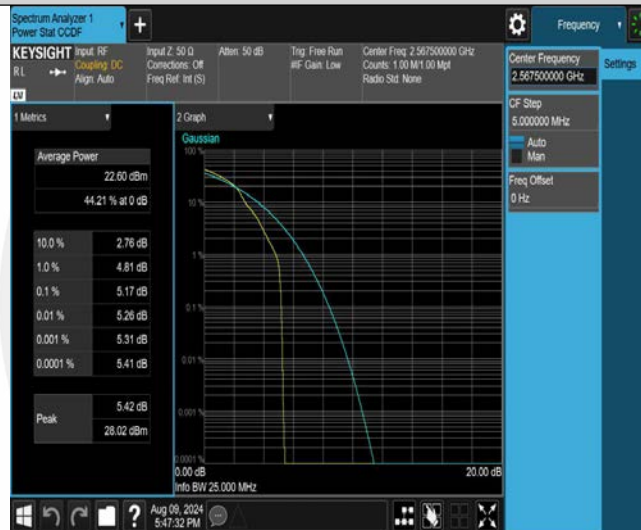
Band7-5MHz-16QAM-21100-1RB#0



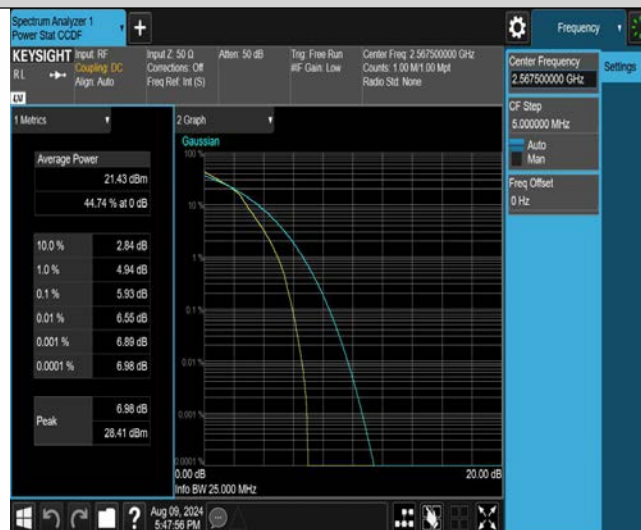
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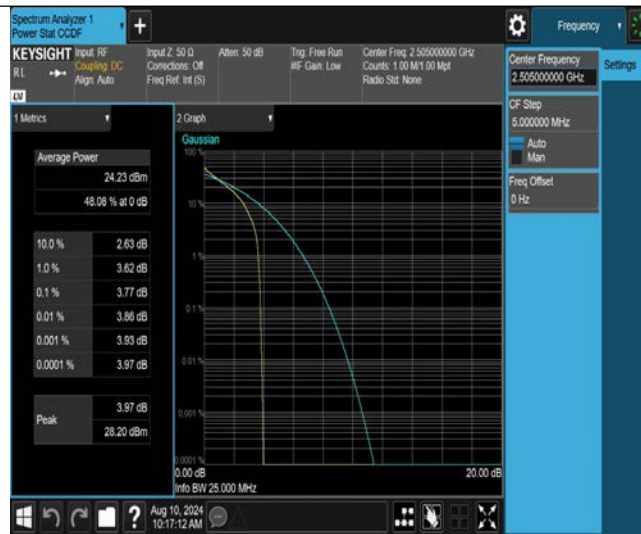
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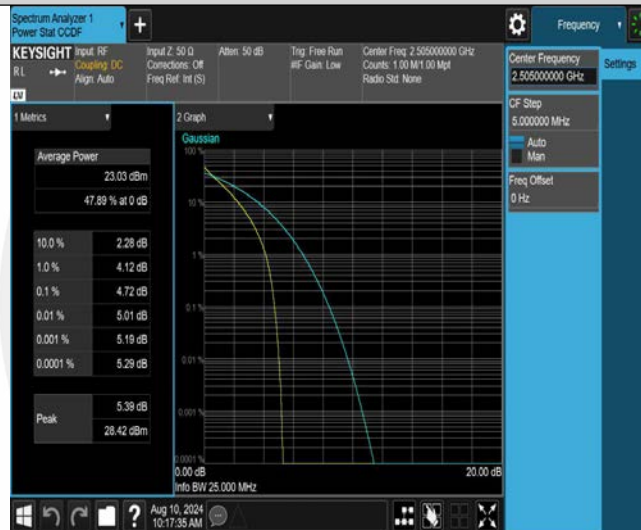
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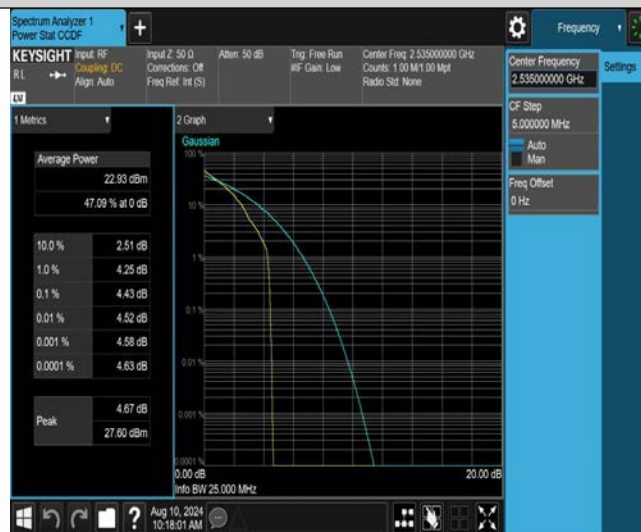
Band7-10MHz-QPSK-20800-1RB#0



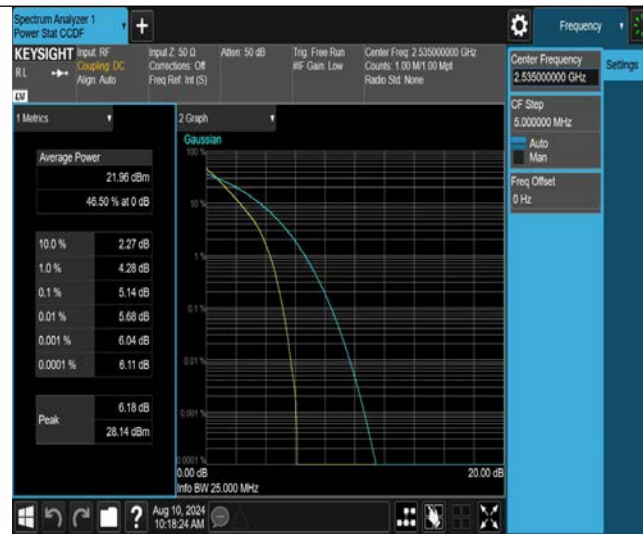
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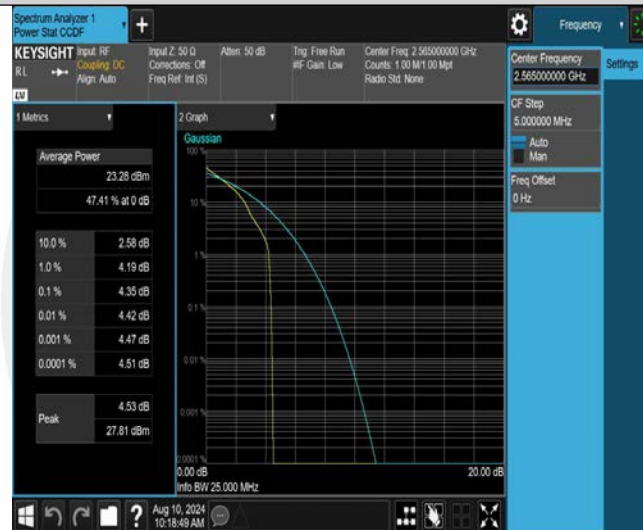
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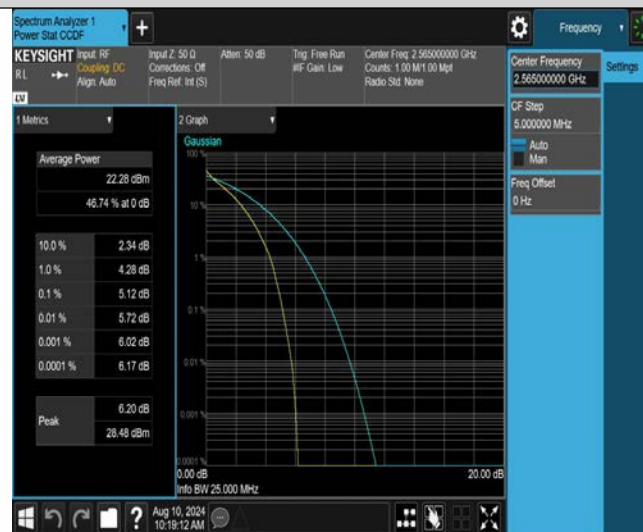
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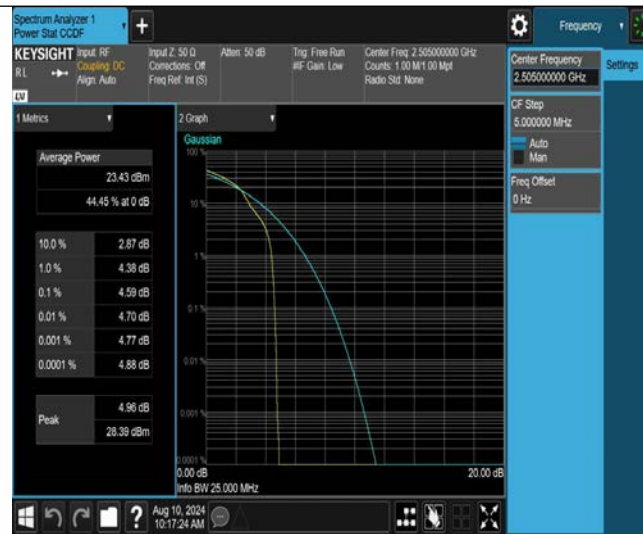
Band7-10MHz-QPSK-21400-1RB#0



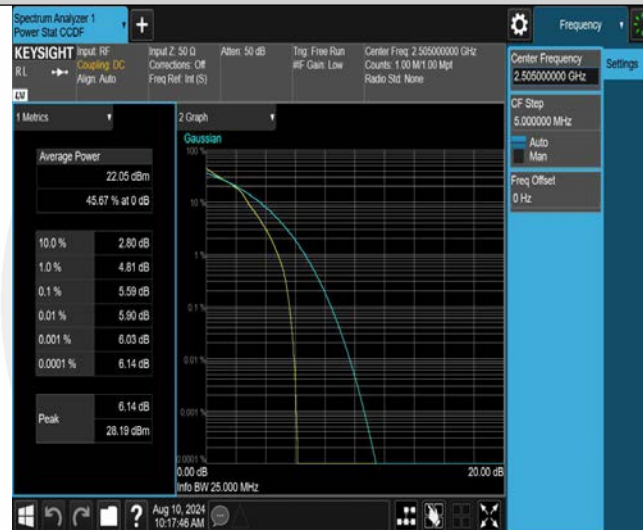
Band7-10MHz-QPSK-21400-50RB#0



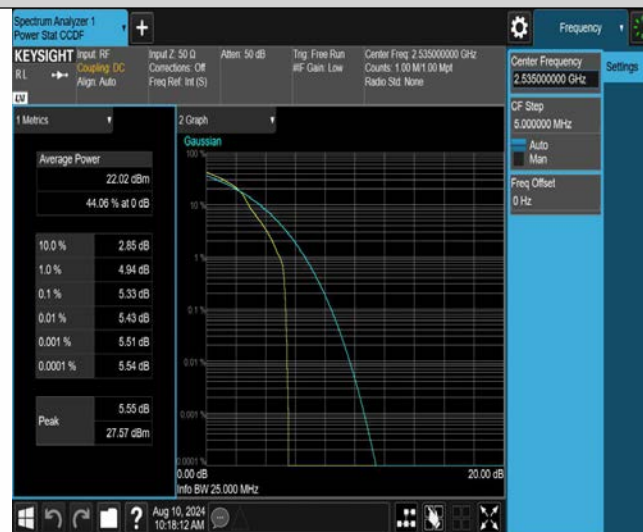
Band7-10MHz-16QAM-20800-1RB#0



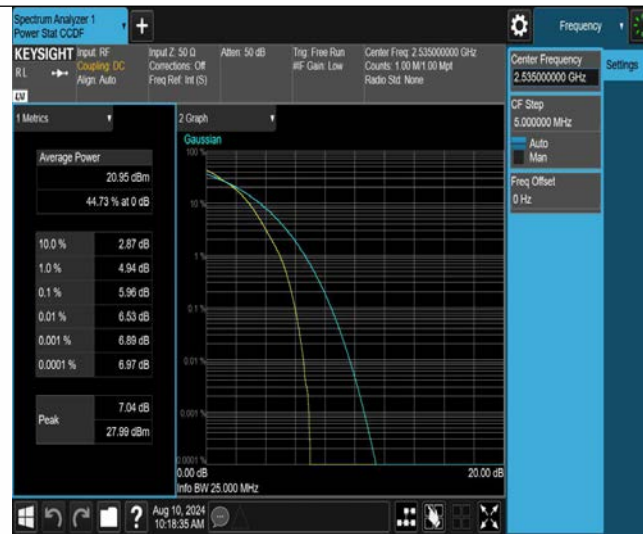
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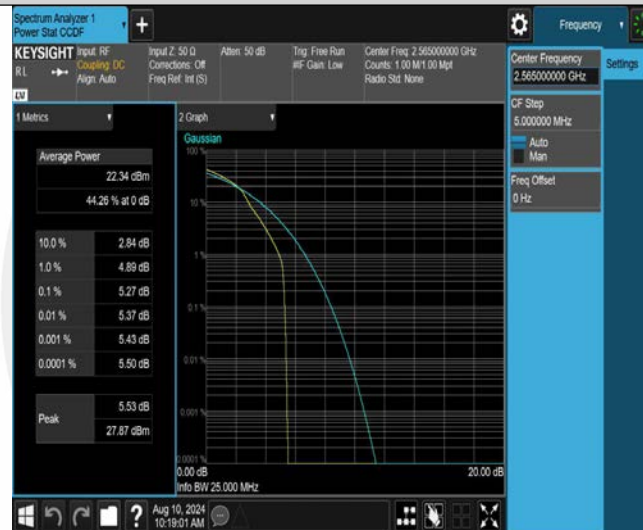
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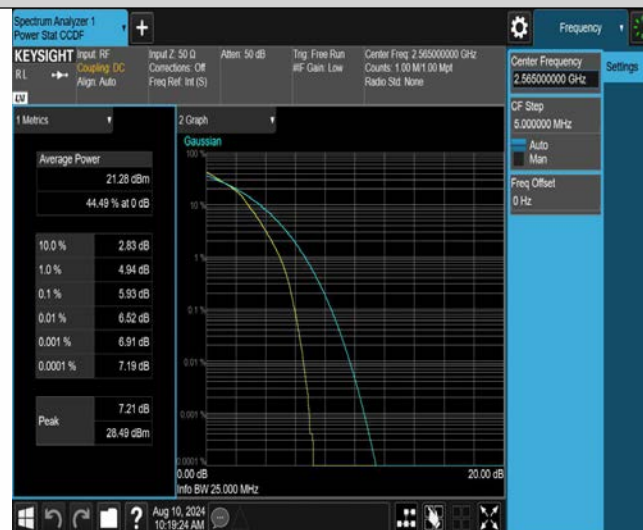
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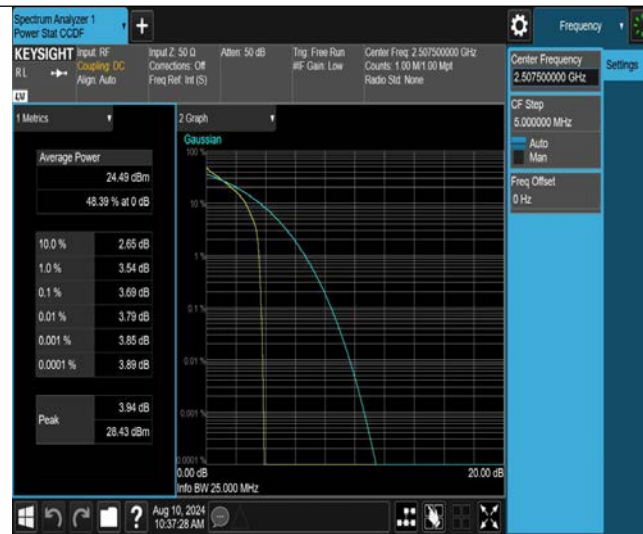
Band7-10MHz-16QAM-21400-1RB#0



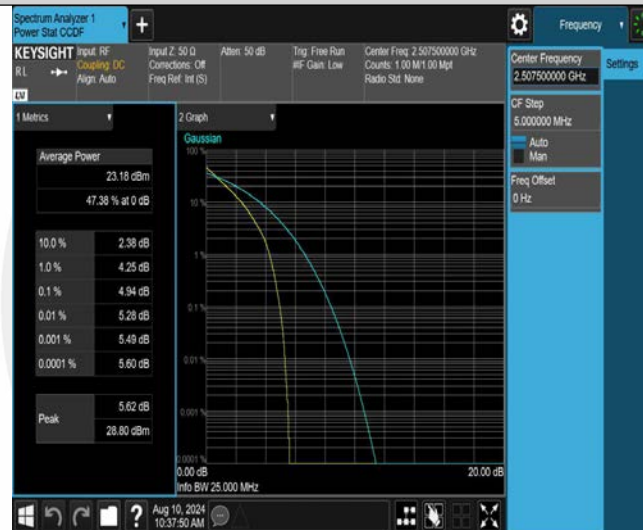
Band7-10MHz-16QAM-21400-50RB#0



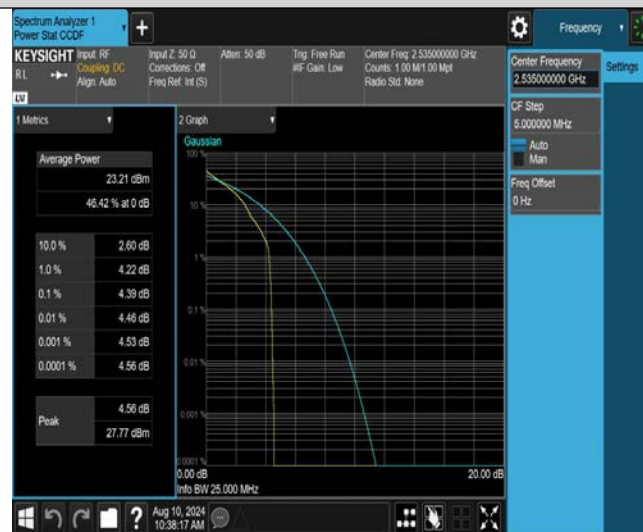
Band7-15MHz-QPSK-20825-1RB#0



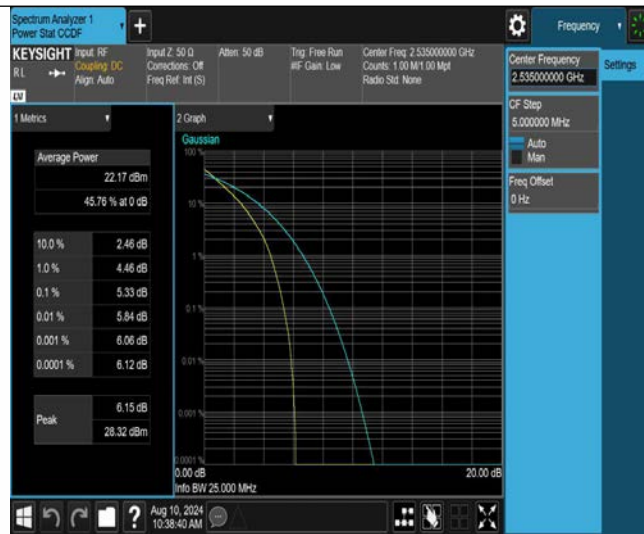
Band7-15MHz-QPSK-20825-75RB#0



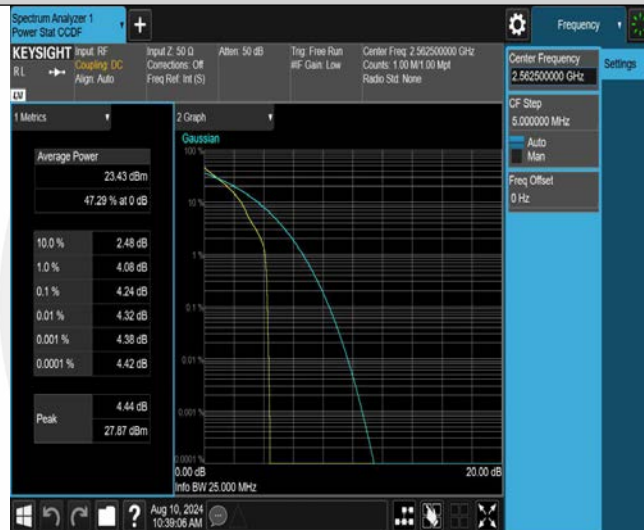
Band7-15MHz-QPSK-21100-1RB#0



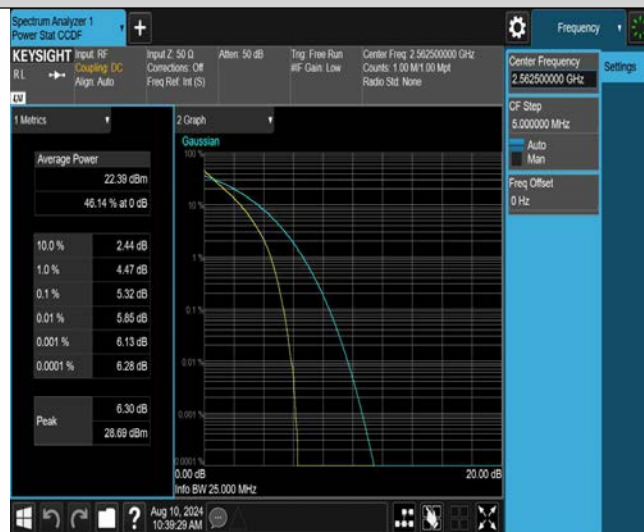
Band7-15MHz-QPSK-21100-75RB#0



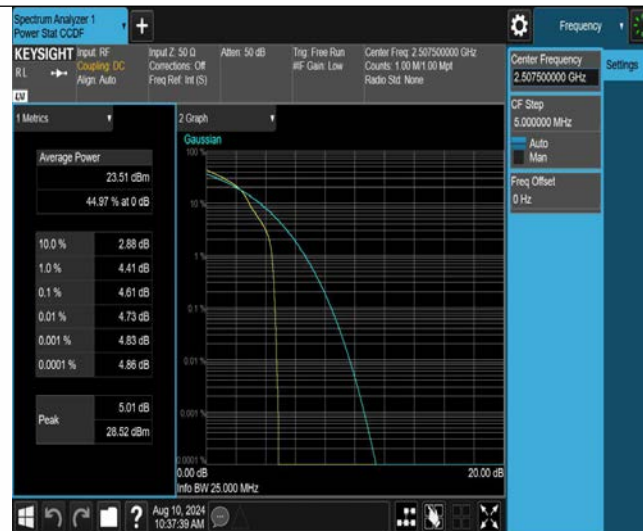
Band7-15MHz-QPSK-21375-1RB#0



Band7-15MHz-QPSK-21375-75RB#0



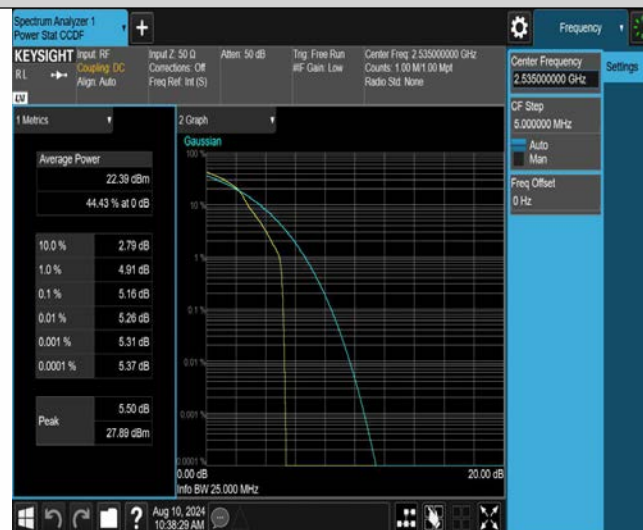
Band7-15MHz-16QAM-20825-1RB#0



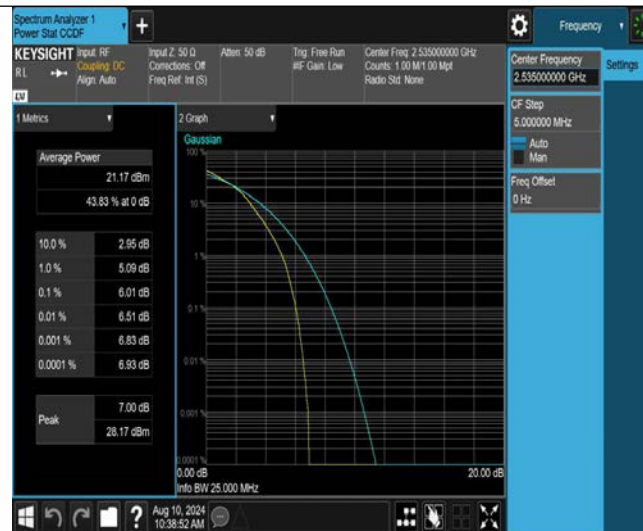
Band7-15MHz-16QAM-20825-75RB#0



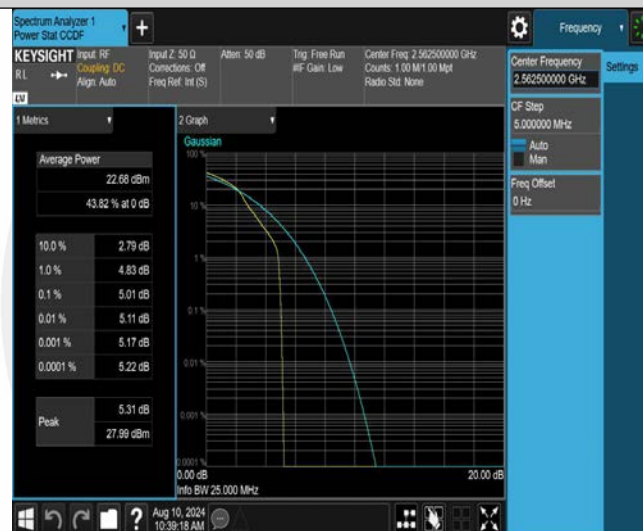
Band7-15MHz-16QAM-21100-1RB#0



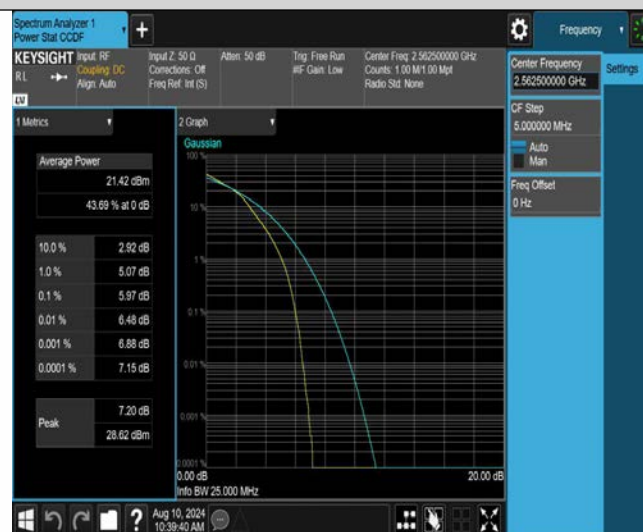
Band7-15MHz-16QAM-21100-75RB#0



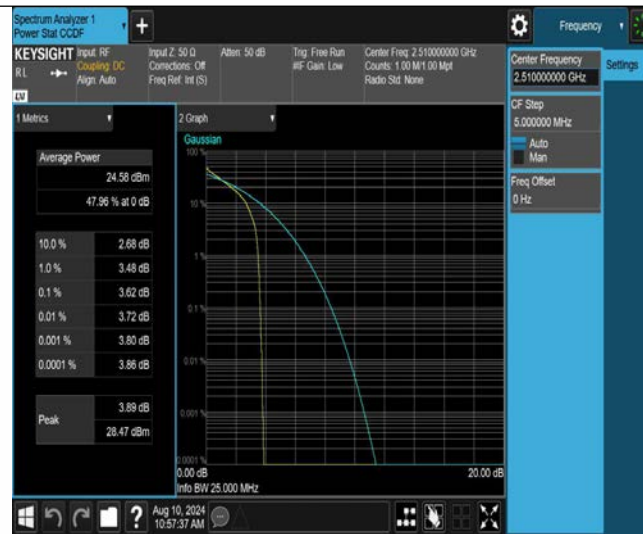
Band7-15MHz-16QAM-21375-1RB#0



Band7-15MHz-16QAM-21375-75RB#0



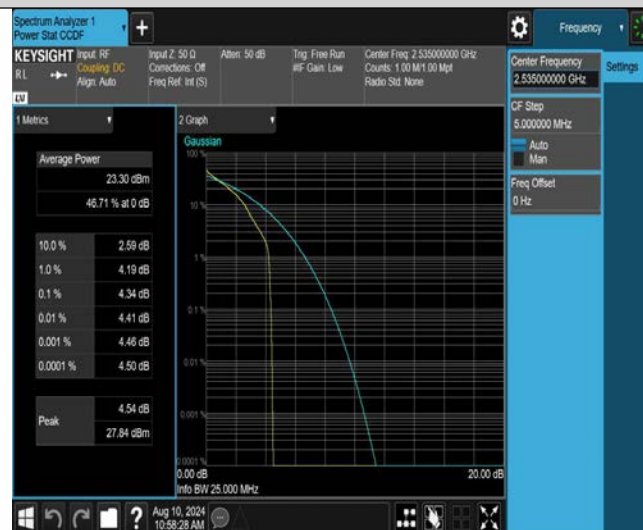
Band7-20MHz-QPSK-20850-1RB#0



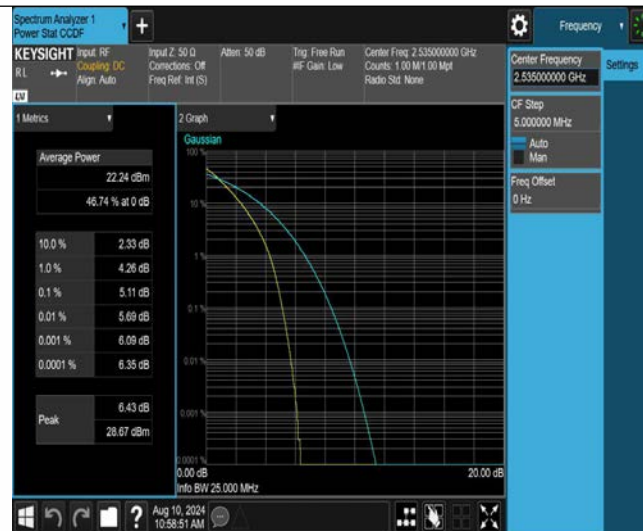
Band7-20MHz-QPSK-20850-100RB#0



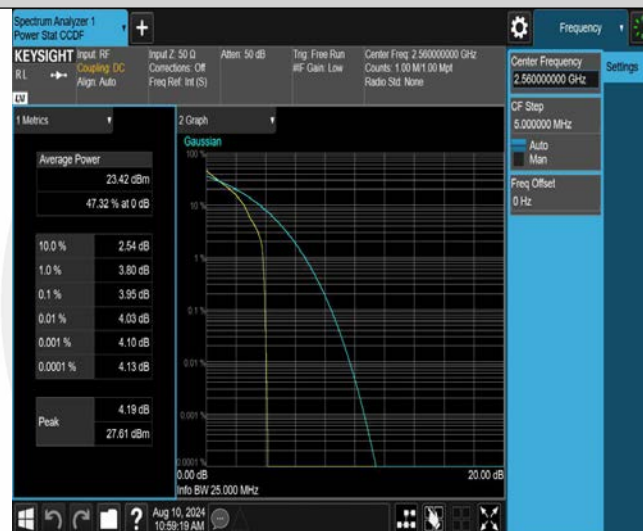
Band7-20MHz-QPSK-21100-1RB#0



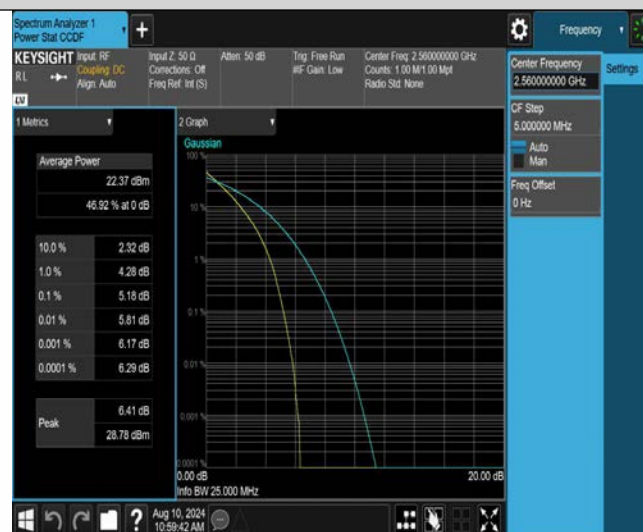
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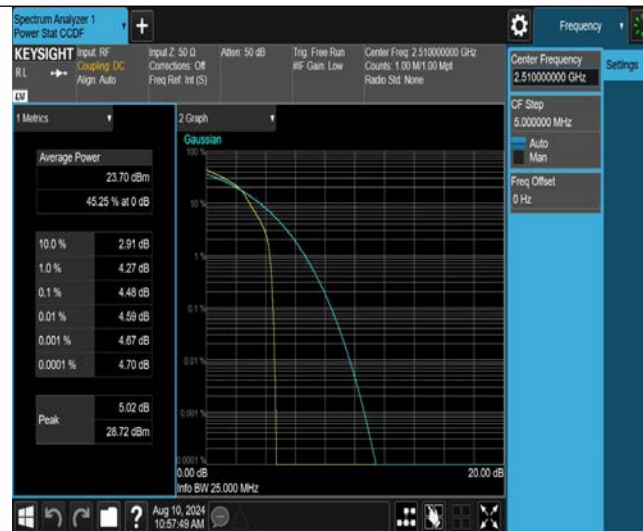
Band7-20MHz-QPSK-21350-1RB#0



Band7-20MHz-QPSK-21350-100RB#0



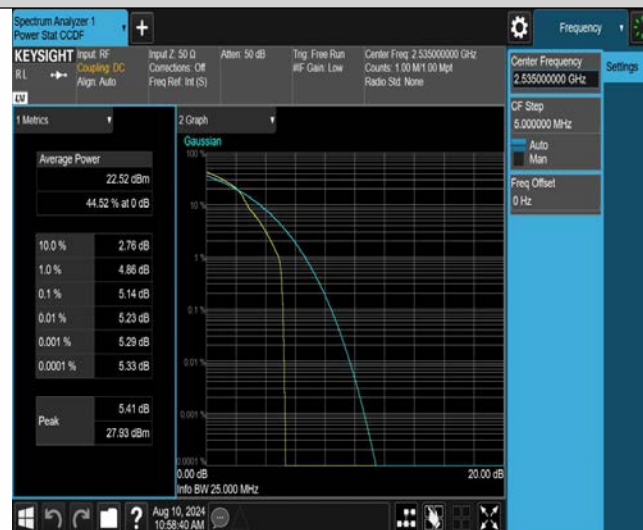
Band7-20MHz-16QAM-20850-1RB#0



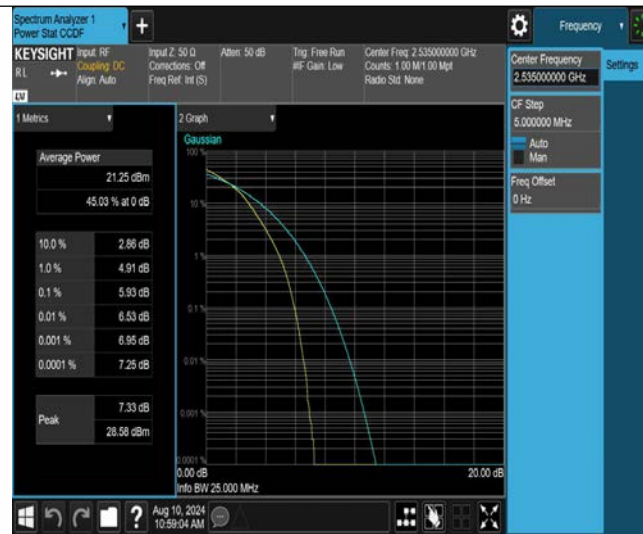
Band7-20MHz-16QAM-20850-100RB#0



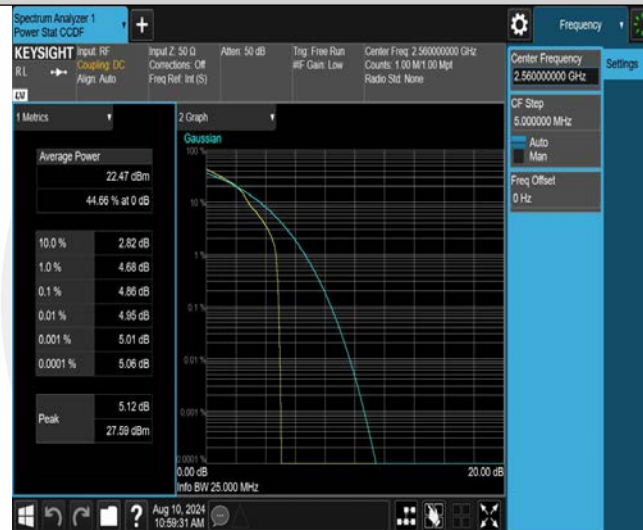
Band7-20MHz-16QAM-21100-1RB#0



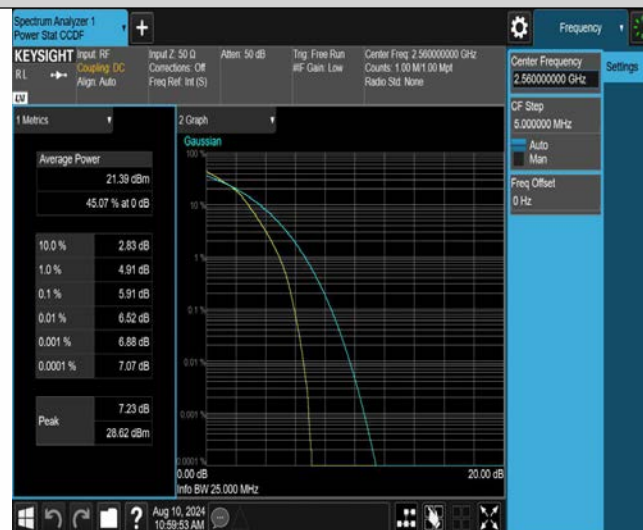
Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-1RB#0



Band7-20MHz-16QAM-21350-100RB#0

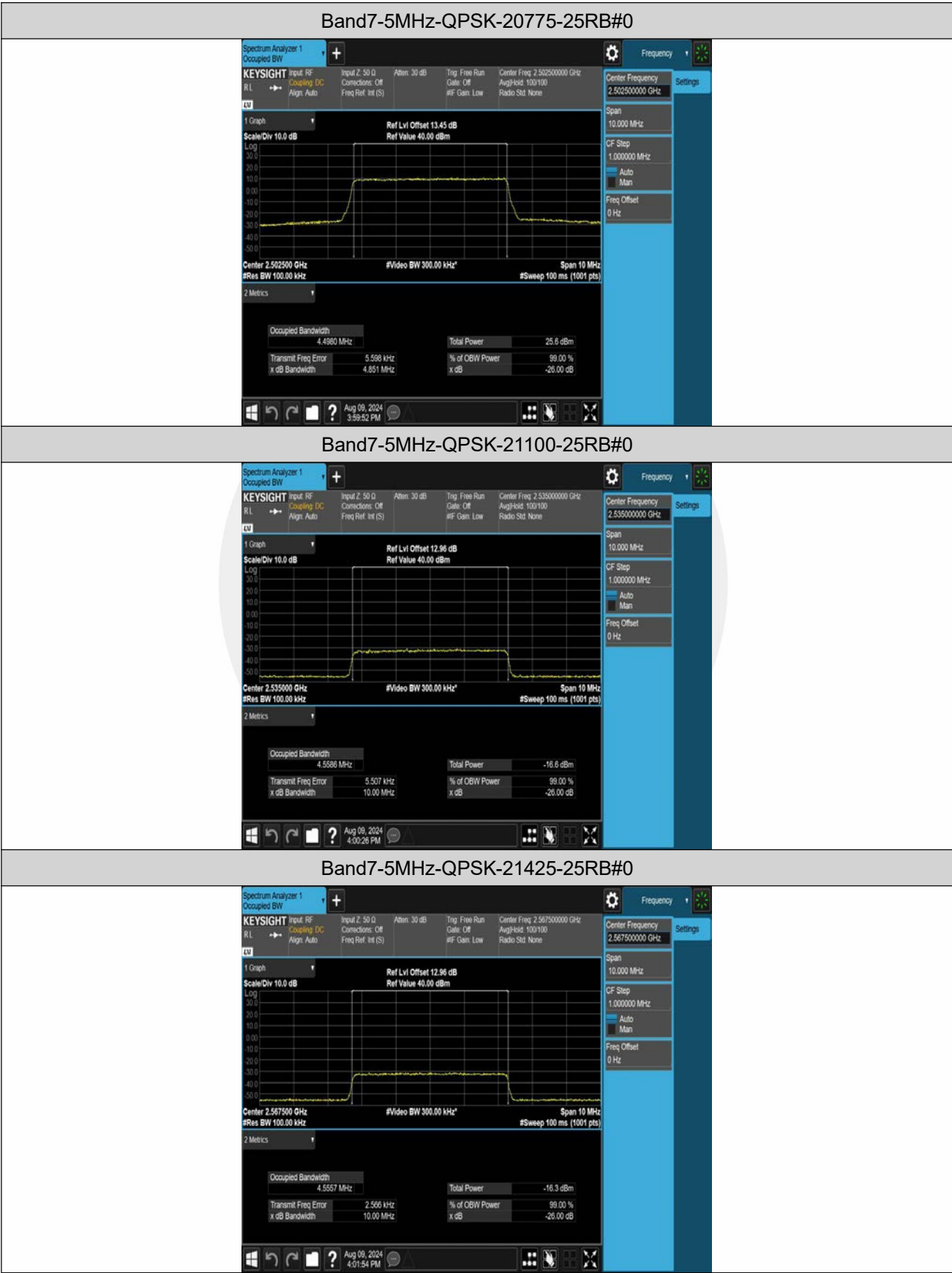


Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4980	4.851	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5586	10.00	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5557	10.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.4988	4.878	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5002	4.879	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4965	4.887	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9755	9.591	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9814	9.525	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9832	9.541	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9609	9.561	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9796	9.506	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9700	9.521	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.434	14.30	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.444	14.25	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.479	14.27	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.417	14.28	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.454	14.25	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.460	14.29	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.854	18.92	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.919	18.98	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.951	18.97	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.839	18.91	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.921	18.97	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.965	18.99	PASS

Test Graphs



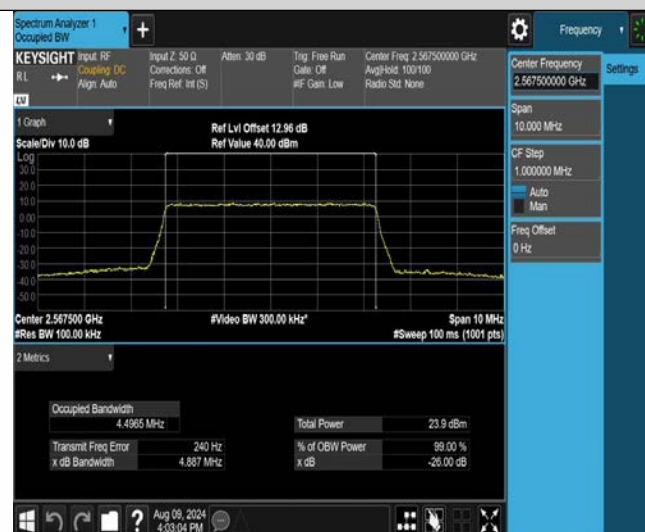
Band7-5MHz-16QAM-20775-25RB#0



Band7-5MHz-16QAM-21100-25RB#0



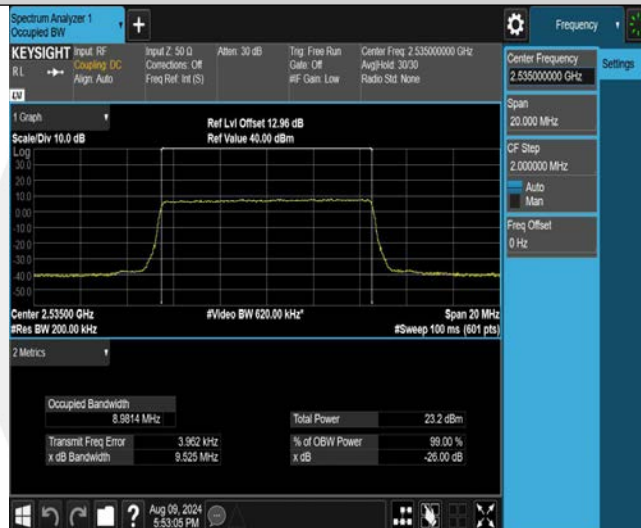
Band7-5MHz-16QAM-21425-25RB#0



Band7-10MHz-QPSK-20800-50RB#0



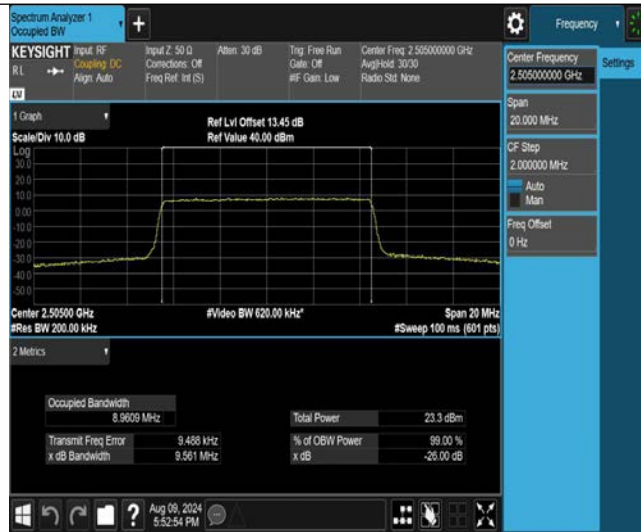
Band7-10MHz-QPSK-21100-50RB#0



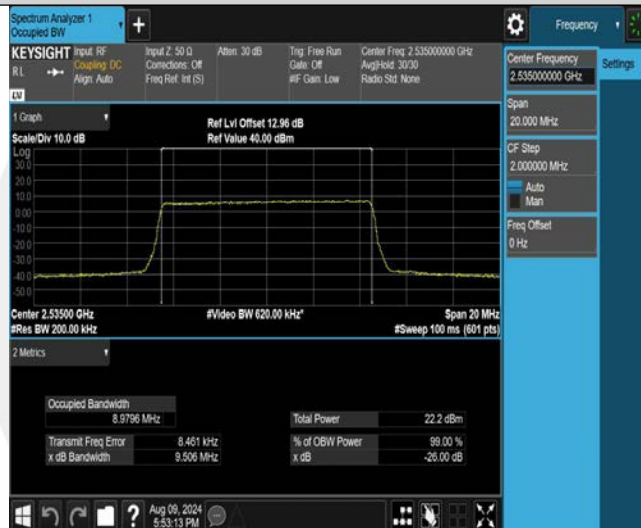
Band7-10MHz-QPSK-21400-50RB#0



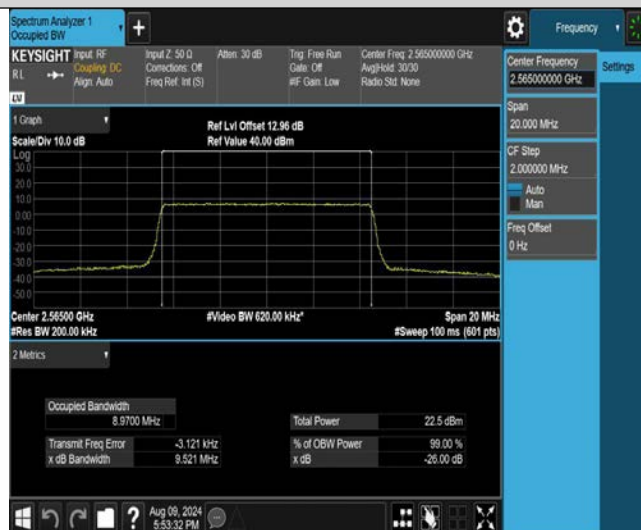
Band7-10MHz-16QAM-20800-50RB#0



Band7-10MHz-16QAM-21100-50RB#0



Band7-10MHz-16QAM-21400-50RB#0



Band7-15MHz-QPSK-20825-75RB#0



Band7-15MHz-QPSK-21100-75RB#0



Band7-15MHz-QPSK-21375-75RB#0



Band7-15MHz-16QAM-20825-75RB#0



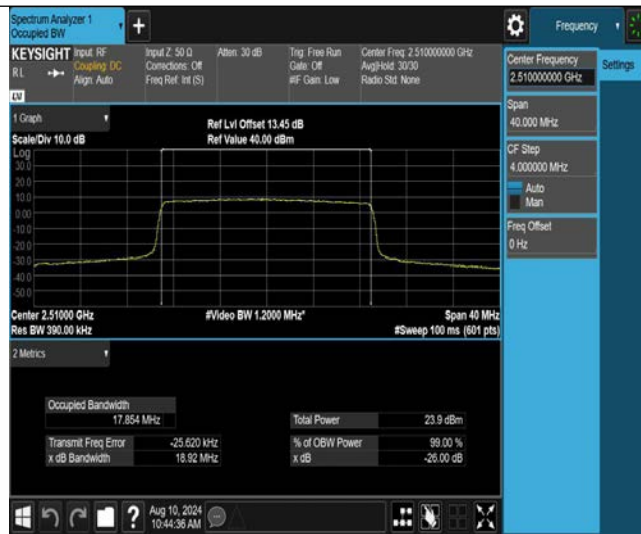
Band7-15MHz-16QAM-21100-75RB#0



Band7-15MHz-16QAM-21375-75RB#0



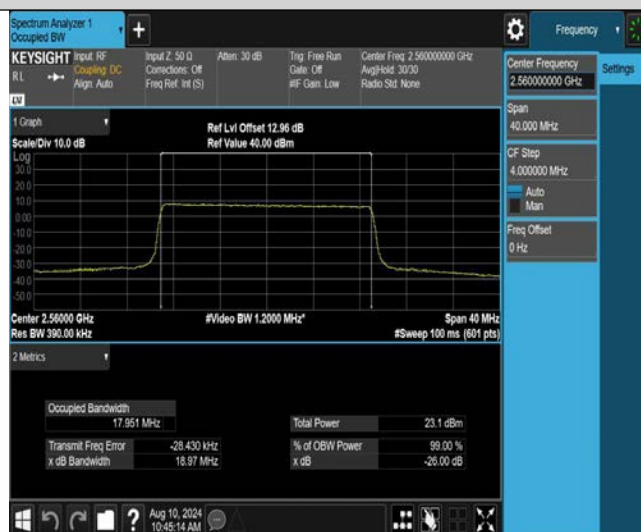
Band7-20MHz-QPSK-20850-100RB#0



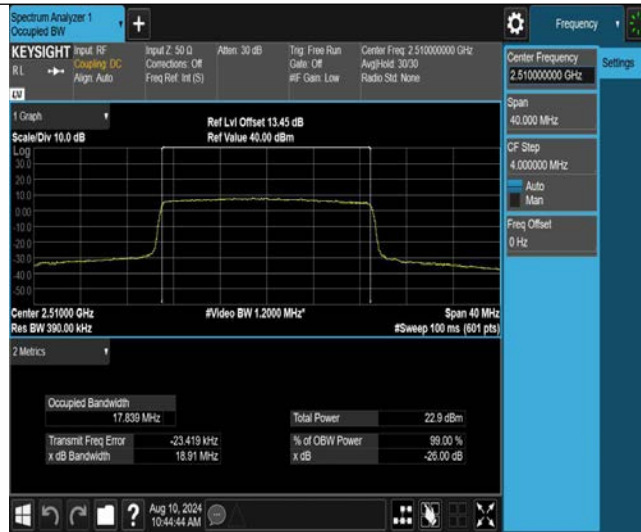
Band7-20MHz-QPSK-21100-100RB#0



Band7-20MHz-QPSK-21350-100RB#0



Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-100RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	-55.34,-45.51,-32.91,-15.84	PASS
Band7	5MHz	QPSK	20775	1RB#24	-55.59,-54.75,-49.35,-52.89	PASS
Band7	5MHz	QPSK	20775	25RB#0	-43.92,-38.10,-31.75,-25.61	PASS
Band7	5MHz	QPSK	21425	1RB#0	-54.67,-49.21,-55.27,-56.86	PASS
Band7	5MHz	QPSK	21425	1RB#24	-19.08,-36.65,-52.26,-56.23	PASS
Band7	5MHz	QPSK	21425	25RB#0	-28.12,-37.09,-45.81,-53.27	PASS
Band7	5MHz	16QAM	20775	1RB#0	-55.38,-47.82,-33.89,-16.90	PASS
Band7	5MHz	16QAM	20775	1RB#24	-55.48,-55.12,-49.59,-53.69	PASS
Band7	5MHz	16QAM	20775	25RB#0	-45.85,-41.78,-33.98,-26.69	PASS
Band7	5MHz	16QAM	21425	1RB#0	-54.98,-49.04,-55.31,-55.90	PASS
Band7	5MHz	16QAM	21425	1RB#24	-20.24,-37.14,-56.04,-52.99	PASS
Band7	5MHz	16QAM	21425	25RB#0	-28.75,-37.95,-45.82,-46.80	PASS
Band7	10MHz	QPSK	20800	1RB#0	-53.22,-44.97,-30.26,-23.24	PASS
Band7	10MHz	QPSK	20800	1RB#49	-53.60,-49.84,-47.16,-51.31	PASS
Band7	10MHz	QPSK	20800	50RB#0	-42.60,-33.99,-30.77,-26.96	PASS
Band7	10MHz	QPSK	21400	1RB#0	-51.71,-47.23,-52.47,-54.24	PASS
Band7	10MHz	QPSK	21400	1RB#49	-26.25,-35.23,-53.08,-54.04	PASS
Band7	10MHz	QPSK	21400	50RB#0	-30.65,-36.07,-39.66,-48.34	PASS
Band7	10MHz	16QAM	20800	1RB#0	-53.50,-46.39,-31.56,-24.98	PASS
Band7	10MHz	16QAM	20800	1RB#49	-53.74,-50.48,-47.88,-52.28	PASS
Band7	10MHz	16QAM	20800	50RB#0	-44.36,-35.90,-32.64,-28.61	PASS
Band7	10MHz	16QAM	21400	1RB#0	-51.53,-46.95,-53.51,-54.14	PASS
Band7	10MHz	16QAM	21400	1RB#49	-26.56,-36.01,-53.08,-54.19	PASS
Band7	10MHz	16QAM	21400	50RB#0	-31.88,-36.90,-40.91,-47.25	PASS
Band7	15MHz	QPSK	20825	1RB#0	-44.20,-40.56,-31.18,-22.78	PASS
Band7	15MHz	QPSK	20825	1RB#74	-49.59,-47.63,-51.98,-49.85	PASS
Band7	15MHz	QPSK	20825	75RB#0	-36.64,-32.20,-29.74,-26.76	PASS
Band7	15MHz	QPSK	21375	1RB#0	-49.84,-52.38,-48.12,-52.57	PASS
Band7	15MHz	QPSK	21375	1RB#74	-24.87,-37.23,-43.77,-52.66	PASS
Band7	15MHz	QPSK	21375	75RB#0	-30.15,-34.27,-38.07,-48.94	PASS
Band7	15MHz	16QAM	20825	1RB#0	-45.83,-41.69,-32.30,-23.59	PASS
Band7	15MHz	16QAM	20825	1RB#74	-50.15,-47.24,-52.06,-50.08	PASS

Band7	15MHz	16QAM	20825	75RB#0	-39.60,-34.13,-31.36,-29.22	PASS
Band7	15MHz	16QAM	21375	1RB#0	-50.43,-52.53,-47.76,-52.58	PASS
Band7	15MHz	16QAM	21375	1RB#74	-25.06,-37.89,-44.87,-52.65	PASS
Band7	15MHz	16QAM	21375	75RB#0	-32.22,-35.57,-39.00,-48.88	PASS
Band7	20MHz	QPSK	20850	1RB#0	-46.39,-40.19,-36.81,-24.93	PASS
Band7	20MHz	QPSK	20850	1RB#99	-48.92,-45.68,-50.67,-49.93	PASS
Band7	20MHz	QPSK	20850	100RB#0	-33.53,-31.60,-29.48,-27.39	PASS
Band7	20MHz	QPSK	21350	1RB#0	-51.10,-51.37,-49.00,-51.43	PASS
Band7	20MHz	QPSK	21350	1RB#99	-25.79,-42.79,-42.98,-51.45	PASS
Band7	20MHz	QPSK	21350	100RB#0	-30.51,-34.35,-36.61,-50.25	PASS
Band7	20MHz	16QAM	20850	1RB#0	-47.12,-40.65,-37.40,-24.35	PASS
Band7	20MHz	16QAM	20850	1RB#99	-49.30,-45.62,-50.80,-50.46	PASS
Band7	20MHz	16QAM	20850	100RB#0	-35.00,-32.82,-30.76,-28.94	PASS
Band7	20MHz	16QAM	21350	1RB#0	-51.19,-51.36,-48.67,-51.48	PASS
Band7	20MHz	16QAM	21350	1RB#99	-25.87,-43.67,-43.66,-51.47	PASS
Band7	20MHz	16QAM	21350	100RB#0	-32.41,-34.80,-36.70,-50.05	PASS

Test Graphs

Band7-5MHz-QPSK-20775-1RB#0



Band7-5MHz-QPSK-20775-1RB#24



Band7-5MHz-QPSK-20775-25RB#0



Band7-5MHz-QPSK-21425-1RB#0



Band7-5MHz-QPSK-21425-1RB#24



Band7-5MHz-QPSK-21425-25RB#0



Band7-5MHz-16QAM-20775-1RB#0



Band7-5MHz-16QAM-20775-1RB#24



Band7-5MHz-16QAM-20775-25RB#0



Band7-5MHz-16QAM-21425-1RB#0



Band7-5MHz-16QAM-21425-1RB#24



Band7-5MHz-16QAM-21425-25RB#0



Band7-10MHz-QPSK-20800-1RB#0



Band7-10MHz-QPSK-20800-1RB#49



Band7-10MHz-QPSK-20800-50RB#0



Band7-10MHz-QPSK-21400-1RB#0



Band7-10MHz-QPSK-21400-1RB#49



Band7-10MHz-QPSK-21400-50RB#0



Band7-10MHz-16QAM-20800-1RB#0



Band7-10MHz-16QAM-20800-1RB#49



Band7-10MHz-16QAM-20800-50RB#0



Band7-10MHz-16QAM-21400-1RB#0



Band7-10MHz-16QAM-21400-1RB#49



Band7-10MHz-16QAM-21400-50RB#0



Band7-15MHz-QPSK-20825-1RB#0



Band7-15MHz-QPSK-20825-1RB#74



Band7-15MHz-QPSK-20825-75RB#0



Band7-15MHz-QPSK-21375-1RB#0



Band7-15MHz-QPSK-21375-1RB#74



Band7-15MHz-QPSK-21375-75RB#0



Band7-15MHz-16QAM-20825-1RB#0



Band7-15MHz-16QAM-20825-1RB#74



Band7-15MHz-16QAM-20825-75RB#0



Band7-15MHz-16QAM-21375-1RB#0



Band7-15MHz-16QAM-21375-1RB#74



Band7-15MHz-16QAM-21375-75RB#0



Band7-20MHz-QPSK-20850-1RB#0



Band7-20MHz-QPSK-20850-1RB#99



Band7-20MHz-QPSK-20850-100RB#0



Band7-20MHz-QPSK-21350-1RB#0



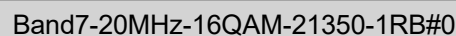
Band7-20MHz-QPSK-21350-1RB#99



Band7-20MHz-QPSK-21350-100RB#0



Band7-20MHz-16QAM-20850-1RB#0





Band7-20MHz-16QAM-21350-1RB#99



Band7-20MHz-16QAM-21350-100RB#0



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	Range1:30~1000MHz	-66.21	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~3000MHz	-39.5	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range3:3000~26500MHz	-47.09	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-66.71	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-40.01	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-46.09	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-66.15	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~3000MHz	-38.2	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range3:3000~26500MHz	-42.87	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-66.55	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~3000MHz	-38.89	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range3:3000~26500MHz	-44.55	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-66.64	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-39.47	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-47.88	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-66.85	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~	-40.36	PASS

					3000MHz		
Band7	5MHz	16QAM	21425	1RB#0	Range3:3000~26500MHz	-48.19	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:30~1000MHz	-66.92	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:1000~3000MHz	-40.22	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range3:3000~26500MHz	-46.42	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-66.14	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-40.6	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-44	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:30~1000MHz	-56.61	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:1000~3000MHz	-39.3	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range3:3000~26500MHz	-45.83	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:30~1000MHz	-66.23	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:1000~3000MHz	-39	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range3:3000~26500MHz	-44.34	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-66.94	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-40.24	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-47.7	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:30~1000MHz	-58.88	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:1000~3000MHz	-39.52	PASS

Band7	10MHz	16QAM	21400	1RB#0	Range3:3000~26500MHz	-46.73	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:30~1000MHz	-66.77	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:1000~3000MHz	-38.91	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range3:3000~26500MHz	-44.51	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-67.21	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-39.25	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-45.82	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:30~1000MHz	-67.02	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:1000~3000MHz	-39.48	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range3:3000~26500MHz	-46.66	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:30~1000MHz	-66.98	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:1000~3000MHz	-39.15	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range3:3000~26500MHz	-45.1	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-67.46	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-38.84	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-48.32	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:30~1000MHz	-66.89	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range2:1000~3000MHz	-39.34	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range3:3000~	-47.45	PASS

					26500MHz		
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-67.33	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~3000MHz	-39.15	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range3:3000~26500MHz	-43.6	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-67.27	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-39.64	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-47.03	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-66.58	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~3000MHz	-39.38	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range3:3000~26500MHz	-45.88	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-67.16	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~3000MHz	-39.28	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range3:3000~26500MHz	-45.78	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-67.22	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-38.13	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-46.09	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-67.02	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~3000MHz	-39.95	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range3:3000~26500MHz	-47.78	PASS



Test Graphs

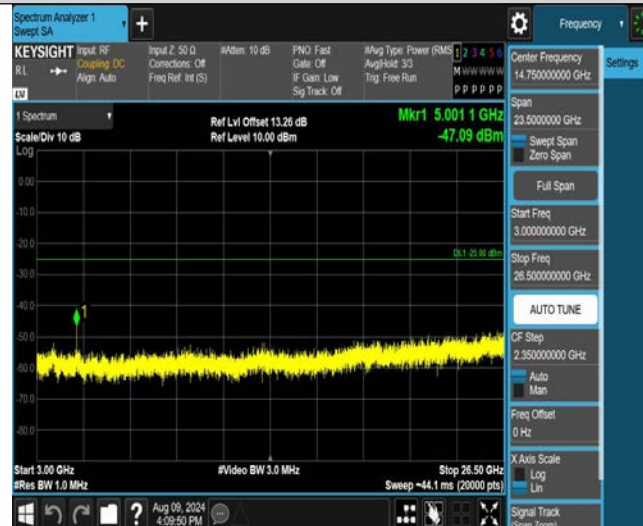
Band7-5MHz-QPSK-20775-1RB#0-Range1:30~1000MHz



Band7-5MHz-QPSK-20775-1RB#0-Range2:1000~3000MHz



Band7-5MHz-QPSK-20775-1RB#0-Range3:3000~26500MHz



Band7-5MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



Band7-5MHz-QPSK-21100-1RB#0-Range2:1000~3000MHz



Band7-5MHz-QPSK-21100-1RB#0-Range3:3000~26500MHz



Band7-5MHz-QPSK-21425-1RB#0-Range1:30~1000MHz



Band7-5MHz-QPSK-21425-1RB#0-Range2:1000~3000MHz



Band7-5MHz-QPSK-21425-1RB#0-Range3:3000~26500MHz



Band7-5MHz-16QAM-20775-1RB#0-Range1:30~1000MHz



Band7-5MHz-16QAM-20775-1RB#0-Range2:1000~3000MHz



Band7-5MHz-16QAM-20775-1RB#0-Range3:3000~26500MHz



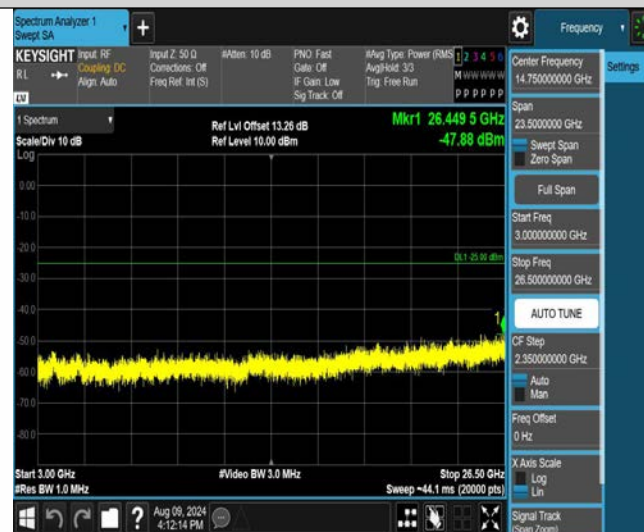
Band7-5MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



Band7-5MHz-16QAM-21100-1RB#0-Range2:1000~3000MHz



Band7-5MHz-16QAM-21100-1RB#0-Range3:3000~26500MHz



Band7-5MHz-16QAM-21425-1RB#0-Range1:30~1000MHz



Band7-5MHz-16QAM-21425-1RB#0-Range2:1000~3000MHz



Band7-5MHz-16QAM-21425-1RB#0-Range3:3000~26500MHz



Band7-10MHz-QPSK-20800-1RB#0-Range1:30~1000MHz



Band7-10MHz-QPSK-20800-1RB#0-Range2:1000~3000MHz



Band7-10MHz-QPSK-20800-1RB#0-Range3:3000~26500MHz



Band7-10MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



Band7-10MHz-QPSK-21100-1RB#0-Range2:1000~3000MHz



Band7-10MHz-QPSK-21100-1RB#0-Range3:3000~26500MHz



Band7-10MHz-QPSK-21400-1RB#0-Range1:30~1000MHz