

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	18.99	PASS
Band7	5MHz	QPSK	20775	1RB#12	18.94	PASS
Band7	5MHz	QPSK	20775	1RB#24	18.85	PASS
Band7	5MHz	QPSK	20775	12RB#0	17.80	PASS
Band7	5MHz	QPSK	20775	12RB#6	17.69	PASS
Band7	5MHz	QPSK	20775	12RB#13	17.65	PASS
Band7	5MHz	QPSK	20775	25RB#0	17.57	PASS
Band7	5MHz	QPSK	21100	1RB#0	20.32	PASS
Band7	5MHz	QPSK	21100	1RB#12	20.44	PASS
Band7	5MHz	QPSK	21100	1RB#24	20.36	PASS
Band7	5MHz	QPSK	21100	12RB#0	19.38	PASS
Band7	5MHz	QPSK	21100	12RB#6	19.30	PASS
Band7	5MHz	QPSK	21100	12RB#13	19.36	PASS
Band7	5MHz	QPSK	21100	25RB#0	19.38	PASS
Band7	5MHz	QPSK	21425	1RB#0	20.77	PASS
Band7	5MHz	QPSK	21425	1RB#12	20.92	PASS
Band7	5MHz	QPSK	21425	1RB#24	20.87	PASS
Band7	5MHz	QPSK	21425	12RB#0	19.85	PASS
Band7	5MHz	QPSK	21425	12RB#6	19.82	PASS
Band7	5MHz	QPSK	21425	12RB#13	19.79	PASS
Band7	5MHz	QPSK	21425	25RB#0	19.81	PASS
Band7	5MHz	16QAM	20775	1RB#0	17.98	PASS
Band7	5MHz	16QAM	20775	1RB#12	18.01	PASS
Band7	5MHz	16QAM	20775	1RB#24	18.02	PASS
Band7	5MHz	16QAM	20775	12RB#0	16.80	PASS
Band7	5MHz	16QAM	20775	12RB#6	16.80	PASS
Band7	5MHz	16QAM	20775	12RB#13	16.70	PASS
Band7	5MHz	16QAM	20775	25RB#0	16.68	PASS
Band7	5MHz	16QAM	21100	1RB#0	19.64	PASS
Band7	5MHz	16QAM	21100	1RB#12	19.71	PASS
Band7	5MHz	16QAM	21100	1RB#24	19.73	PASS
Band7	5MHz	16QAM	21100	12RB#0	18.49	PASS
Band7	5MHz	16QAM	21100	12RB#6	18.50	PASS

Band7	5MHz	16QAM	21100	12RB#13	18.56	PASS
Band7	5MHz	16QAM	21100	25RB#0	18.43	PASS
Band7	5MHz	16QAM	21425	1RB#0	20.17	PASS
Band7	5MHz	16QAM	21425	1RB#12	20.26	PASS
Band7	5MHz	16QAM	21425	1RB#24	20.13	PASS
Band7	5MHz	16QAM	21425	12RB#0	18.96	PASS
Band7	5MHz	16QAM	21425	12RB#6	19.01	PASS
Band7	5MHz	16QAM	21425	12RB#13	19.01	PASS
Band7	5MHz	16QAM	21425	25RB#0	18.92	PASS
Band7	10MHz	QPSK	20800	1RB#0	19.56	PASS
Band7	10MHz	QPSK	20800	1RB#24	19.78	PASS
Band7	10MHz	QPSK	20800	1RB#49	20.56	PASS
Band7	10MHz	QPSK	20800	25RB#0	19.23	PASS
Band7	10MHz	QPSK	20800	25RB#12	19.18	PASS
Band7	10MHz	QPSK	20800	25RB#25	19.29	PASS
Band7	10MHz	QPSK	20800	50RB#0	19.25	PASS
Band7	10MHz	QPSK	21100	1RB#0	21.24	PASS
Band7	10MHz	QPSK	21100	1RB#24	21.29	PASS
Band7	10MHz	QPSK	21100	1RB#49	21.40	PASS
Band7	10MHz	QPSK	21100	25RB#0	20.37	PASS
Band7	10MHz	QPSK	21100	25RB#12	20.38	PASS
Band7	10MHz	QPSK	21100	25RB#25	20.33	PASS
Band7	10MHz	QPSK	21100	50RB#0	20.30	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.77	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.76	PASS
Band7	10MHz	QPSK	21400	1RB#49	21.83	PASS
Band7	10MHz	QPSK	21400	25RB#0	20.34	PASS
Band7	10MHz	QPSK	21400	25RB#12	20.39	PASS
Band7	10MHz	QPSK	21400	25RB#25	20.48	PASS
Band7	10MHz	QPSK	21400	50RB#0	20.86	PASS
Band7	10MHz	16QAM	20800	1RB#0	18.92	PASS
Band7	10MHz	16QAM	20800	1RB#24	19.71	PASS
Band7	10MHz	16QAM	20800	1RB#49	19.77	PASS
Band7	10MHz	16QAM	20800	25RB#0	18.31	PASS
Band7	10MHz	16QAM	20800	25RB#12	18.26	PASS
Band7	10MHz	16QAM	20800	25RB#25	18.39	PASS
Band7	10MHz	16QAM	20800	50RB#0	18.33	PASS

Band7	10MHz	16QAM	21100	1RB#0	20.55	PASS
Band7	10MHz	16QAM	21100	1RB#24	20.61	PASS
Band7	10MHz	16QAM	21100	1RB#49	20.73	PASS
Band7	10MHz	16QAM	21100	25RB#0	19.48	PASS
Band7	10MHz	16QAM	21100	25RB#12	19.48	PASS
Band7	10MHz	16QAM	21100	25RB#25	19.52	PASS
Band7	10MHz	16QAM	21100	50RB#0	19.35	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.72	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.67	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.69	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.08	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.12	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	19.95	PASS
Band7	15MHz	QPSK	20825	1RB#0	20.31	PASS
Band7	15MHz	QPSK	20825	1RB#38	20.29	PASS
Band7	15MHz	QPSK	20825	1RB#74	20.44	PASS
Band7	15MHz	QPSK	20825	38RB#0	19.35	PASS
Band7	15MHz	QPSK	20825	38RB#18	19.30	PASS
Band7	15MHz	QPSK	20825	38RB#37	19.27	PASS
Band7	15MHz	QPSK	20825	75RB#0	19.25	PASS
Band7	15MHz	QPSK	21100	1RB#0	21.24	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.39	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.59	PASS
Band7	15MHz	QPSK	21100	38RB#0	20.43	PASS
Band7	15MHz	QPSK	21100	38RB#18	20.47	PASS
Band7	15MHz	QPSK	21100	38RB#37	20.43	PASS
Band7	15MHz	QPSK	21100	75RB#0	20.39	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.86	PASS
Band7	15MHz	QPSK	21375	1RB#38	21.86	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.89	PASS
Band7	15MHz	QPSK	21375	38RB#0	20.92	PASS
Band7	15MHz	QPSK	21375	38RB#18	20.94	PASS
Band7	15MHz	QPSK	21375	38RB#37	20.93	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.05	PASS
Band7	15MHz	16QAM	20825	1RB#0	19.62	PASS
Band7	15MHz	16QAM	20825	1RB#38	19.72	PASS

Band7	15MHz	16QAM	20825	1RB#74	19.88	PASS
Band7	15MHz	16QAM	20825	38RB#0	19.31	PASS
Band7	15MHz	16QAM	20825	38RB#18	19.29	PASS
Band7	15MHz	16QAM	20825	38RB#37	19.26	PASS
Band7	15MHz	16QAM	20825	75RB#0	18.31	PASS
Band7	15MHz	16QAM	21100	1RB#0	20.21	PASS
Band7	15MHz	16QAM	21100	1RB#38	20.74	PASS
Band7	15MHz	16QAM	21100	1RB#74	20.99	PASS
Band7	15MHz	16QAM	21100	38RB#0	20.42	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.45	PASS
Band7	15MHz	16QAM	21100	38RB#37	20.41	PASS
Band7	15MHz	16QAM	21100	75RB#0	19.52	PASS
Band7	15MHz	16QAM	21375	1RB#0	20.85	PASS
Band7	15MHz	16QAM	21375	1RB#38	20.85	PASS
Band7	15MHz	16QAM	21375	1RB#74	20.92	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.94	PASS
Band7	15MHz	16QAM	21375	38RB#18	20.94	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.06	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.14	PASS
Band7	20MHz	QPSK	20850	1RB#0	20.61	PASS
Band7	20MHz	QPSK	20850	1RB#49	20.63	PASS
Band7	20MHz	QPSK	20850	1RB#99	20.73	PASS
Band7	20MHz	QPSK	20850	50RB#0	19.40	PASS
Band7	20MHz	QPSK	20850	50RB#25	19.38	PASS
Band7	20MHz	QPSK	20850	50RB#50	19.59	PASS
Band7	20MHz	QPSK	20850	100RB#0	19.40	PASS
Band7	20MHz	QPSK	21100	1RB#0	21.14	PASS
Band7	20MHz	QPSK	21100	1RB#49	21.26	PASS
Band7	20MHz	QPSK	21100	1RB#99	21.71	PASS
Band7	20MHz	QPSK	21100	50RB#0	20.45	PASS
Band7	20MHz	QPSK	21100	50RB#25	20.46	PASS
Band7	20MHz	QPSK	21100	50RB#50	20.58	PASS
Band7	20MHz	QPSK	21100	100RB#0	20.52	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.74	PASS
Band7	20MHz	QPSK	21350	1RB#49	21.77	PASS
Band7	20MHz	QPSK	21350	1RB#99	21.75	PASS
Band7	20MHz	QPSK	21350	50RB#0	21.00	PASS

Band7	20MHz	QPSK	21350	50RB#25	20.93	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.09	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.02	PASS
Band7	20MHz	16QAM	20850	1RB#0	19.80	PASS
Band7	20MHz	16QAM	20850	1RB#49	19.79	PASS
Band7	20MHz	16QAM	20850	1RB#99	19.97	PASS
Band7	20MHz	16QAM	20850	50RB#0	18.51	PASS
Band7	20MHz	16QAM	20850	50RB#25	18.49	PASS
Band7	20MHz	16QAM	20850	50RB#50	18.70	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.44	PASS
Band7	20MHz	16QAM	21100	1RB#0	20.40	PASS
Band7	20MHz	16QAM	21100	1RB#49	20.49	PASS
Band7	20MHz	16QAM	21100	1RB#99	20.99	PASS
Band7	20MHz	16QAM	21100	50RB#0	19.57	PASS
Band7	20MHz	16QAM	21100	50RB#25	19.53	PASS
Band7	20MHz	16QAM	21100	50RB#50	19.70	PASS
Band7	20MHz	16QAM	21100	100RB#0	19.54	PASS
Band7	20MHz	16QAM	21350	1RB#0	20.97	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.00	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.95	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.12	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.13	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.03	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.09	PASS

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

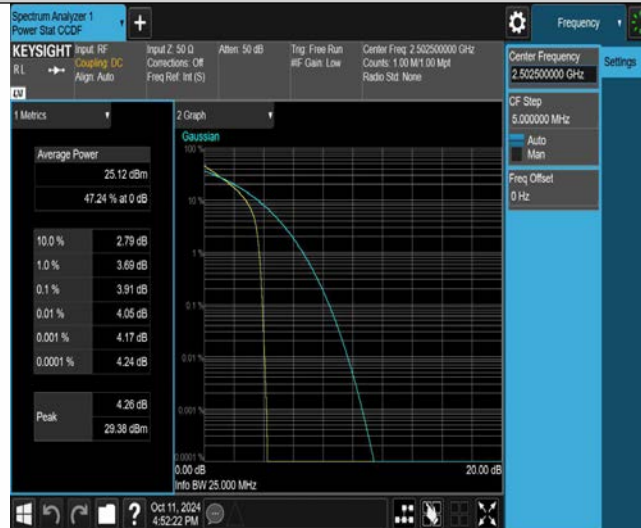
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	3.91	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.13	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	3.87	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.07	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.03	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.05	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.63	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	6.29	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.48	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	6.20	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.53	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	6.23	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	3.82	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.99	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	3.76	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.94	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.00	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	5.04	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	5.66	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	6.23	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.57	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	6.20	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.70	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	6.26	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	3.79	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.11	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	3.76	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.07	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	3.95	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.17	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	5.58	13	PASS

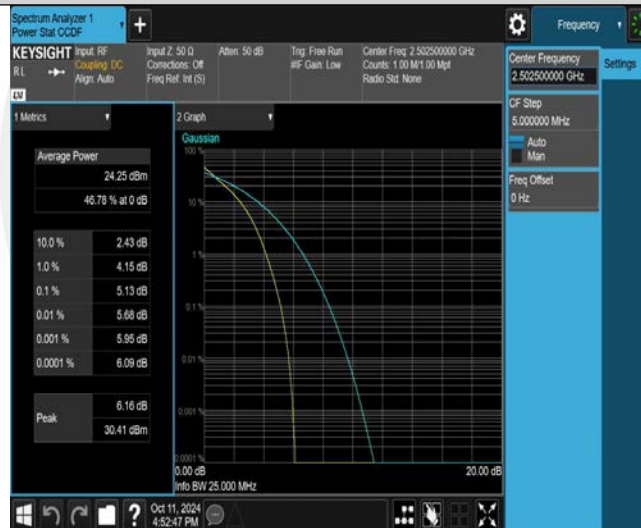
Band7	15MHz	16QAM	20825	75RB#0	6.26	13	PASS
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Band7	15MHz	16QAM	21100	75RB#0	6.23	13	PASS
Band7	15MHz	16QAM	21375	1RB#0	5.66	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	6.29	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	3.80	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	4.83	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	3.73	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	4.85	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	3.94	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	4.93	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	5.55	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.13	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.70	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.11	13	PASS
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Band7	20MHz	16QAM	21350	100RB#0	6.16	13	PASS

Test Graphs

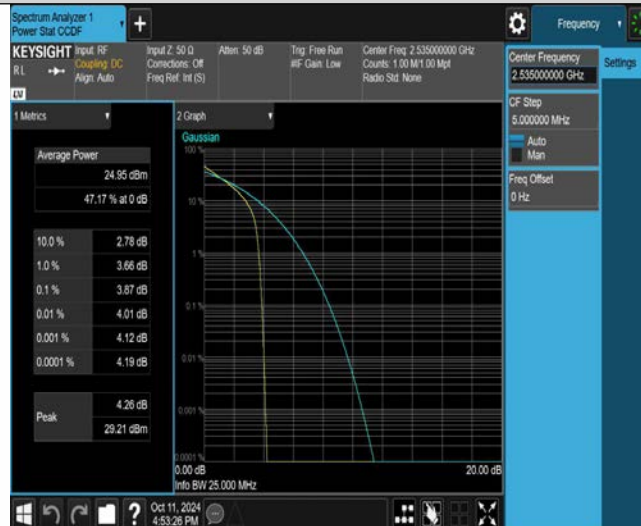
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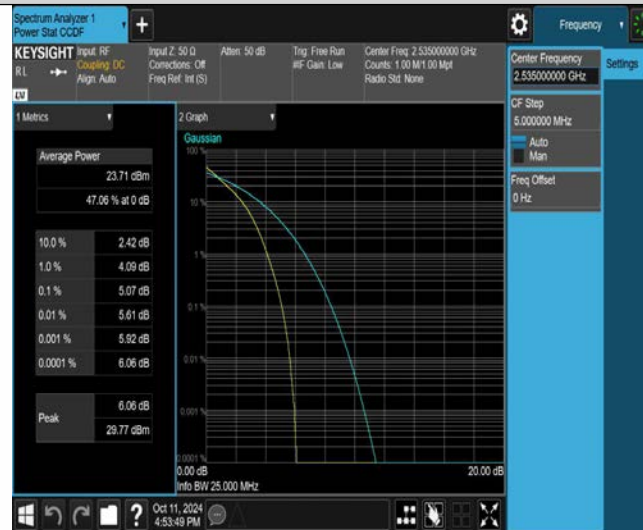
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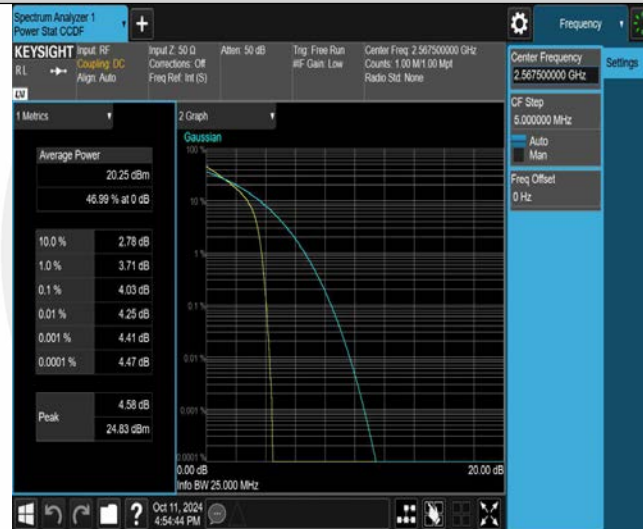
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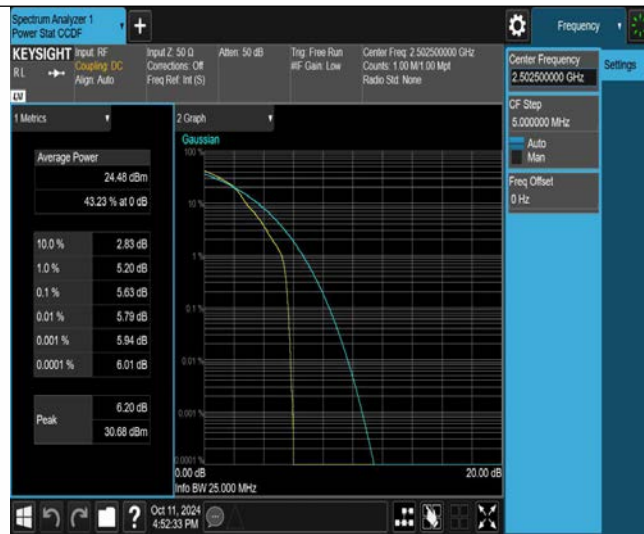
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Band7-5MHz-QPSK-21425-25RB#0



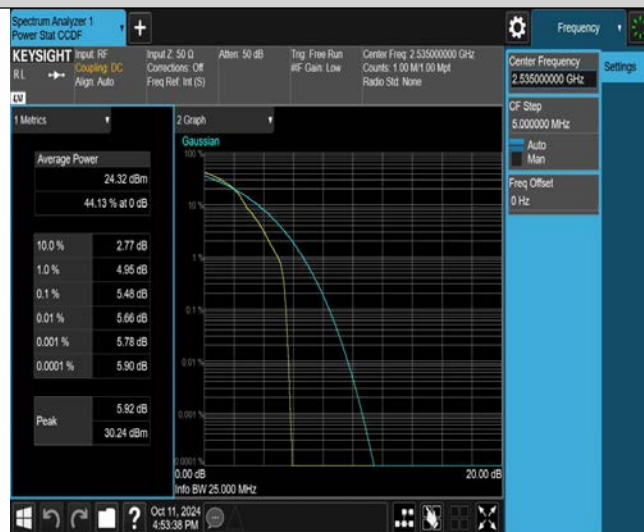
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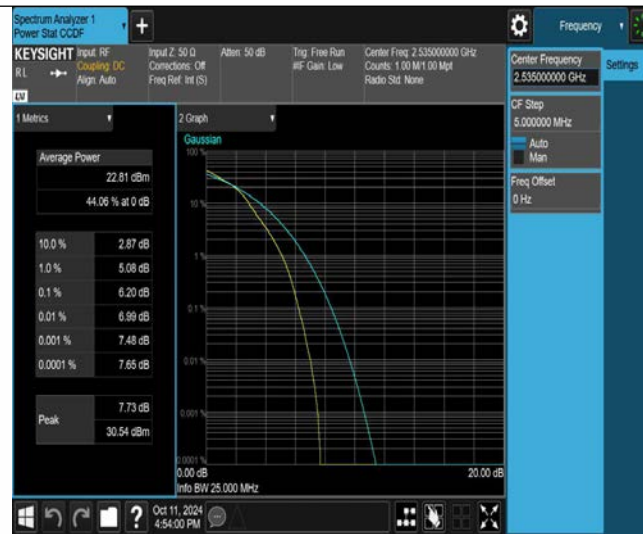
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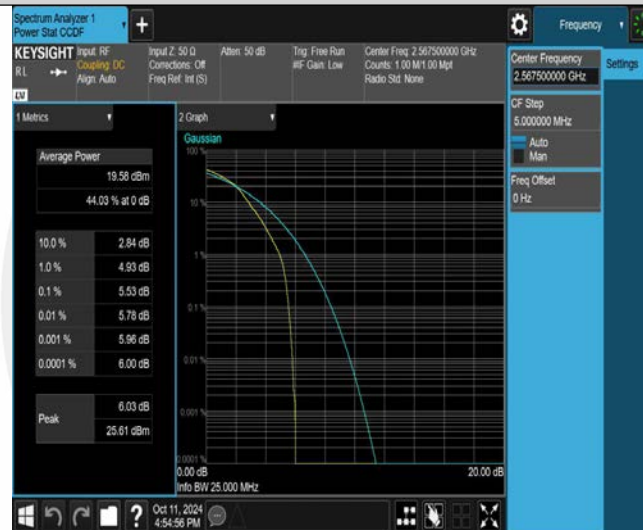
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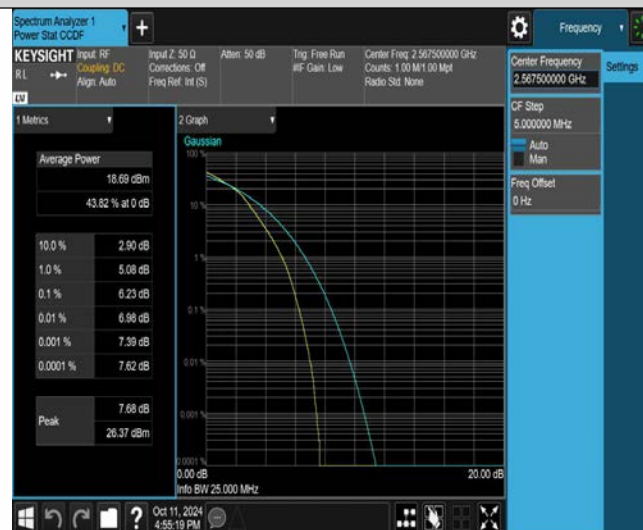
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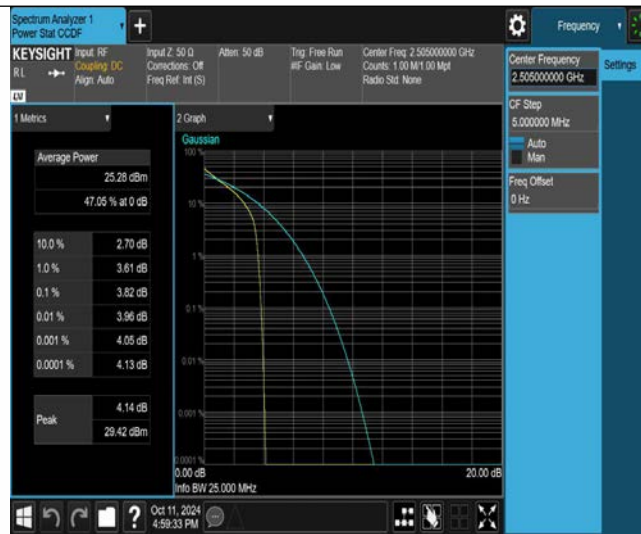
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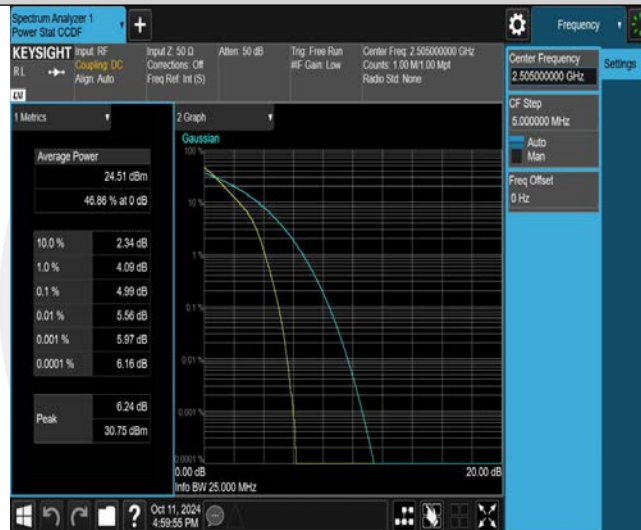
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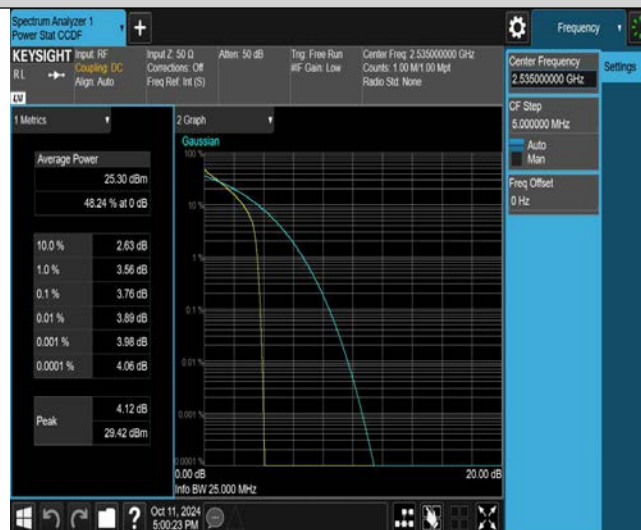
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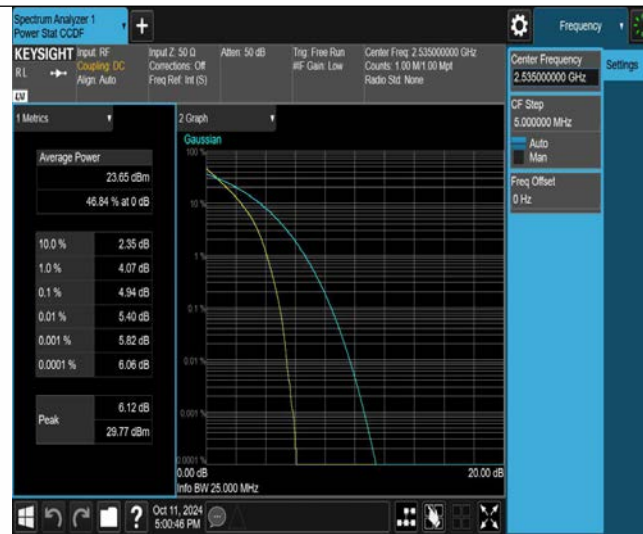
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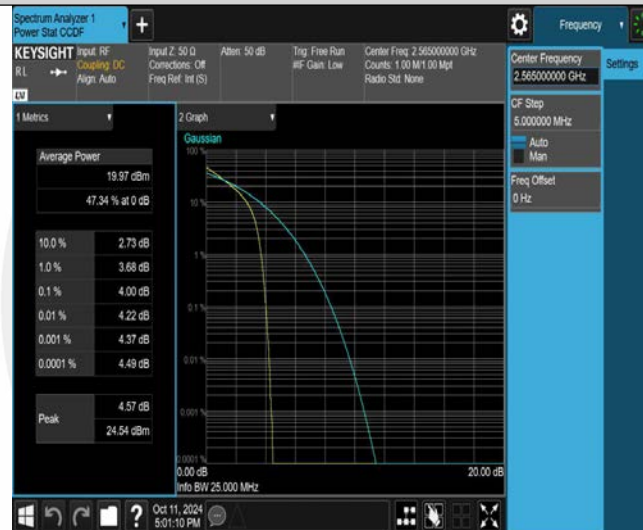
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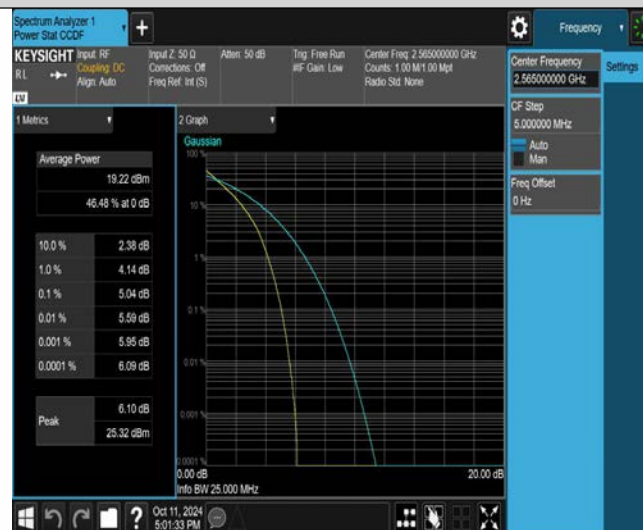
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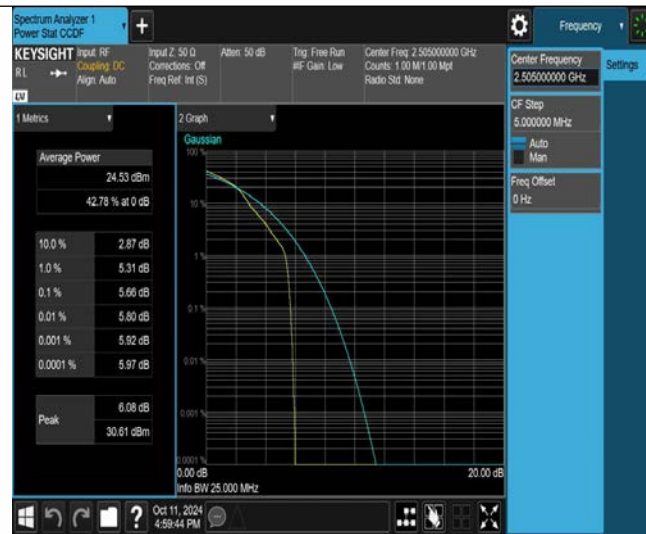
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Band7-10MHz-QPSK-21400-50RB#0



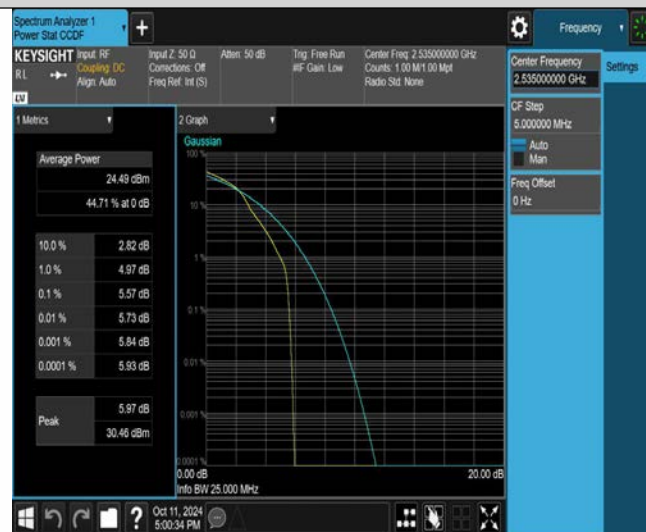
Band7-10MHz-16QAM-20800-1RB#0



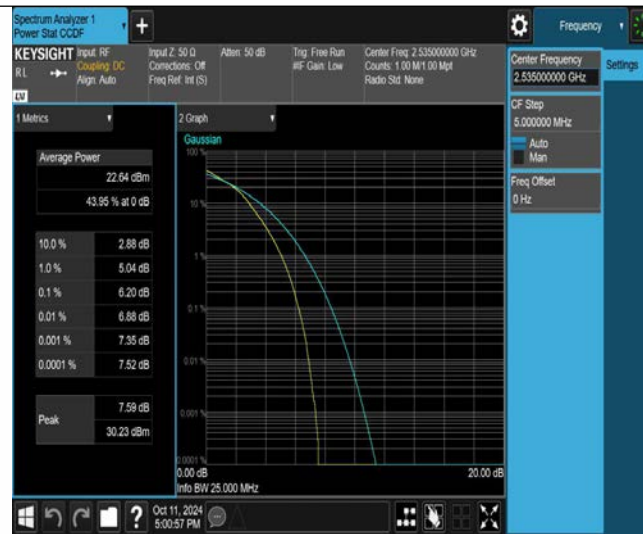
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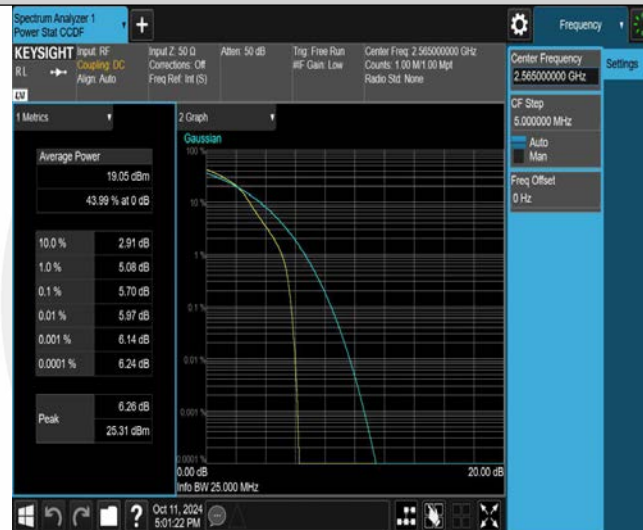
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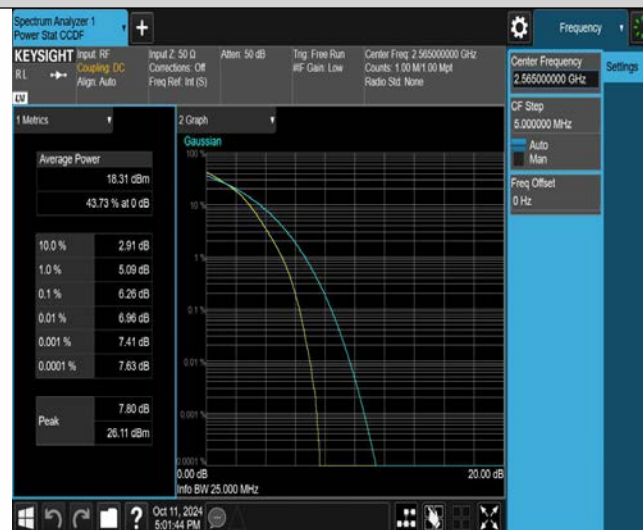
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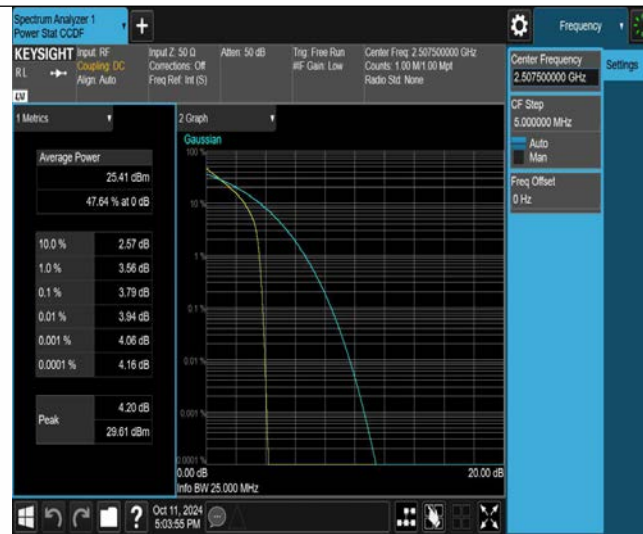
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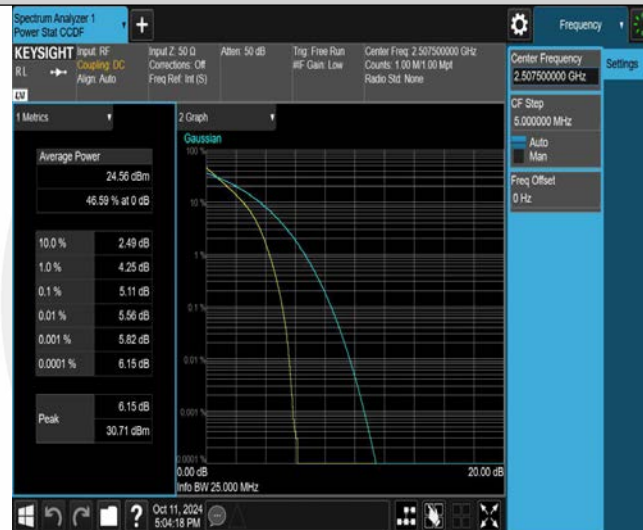
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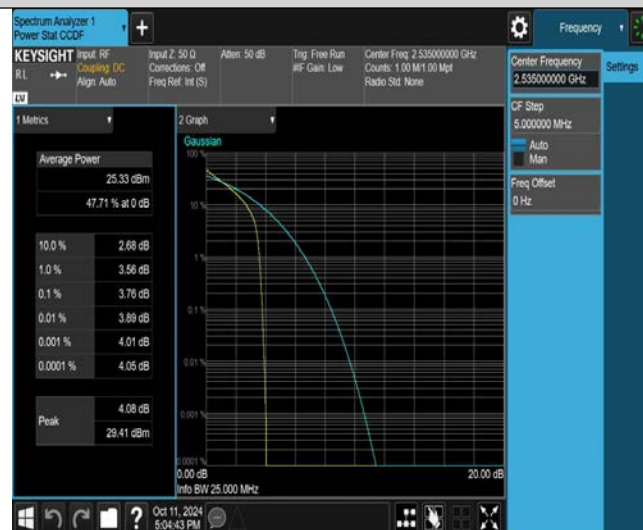
Band7-15MHz-QPSK-20825-1RB#0



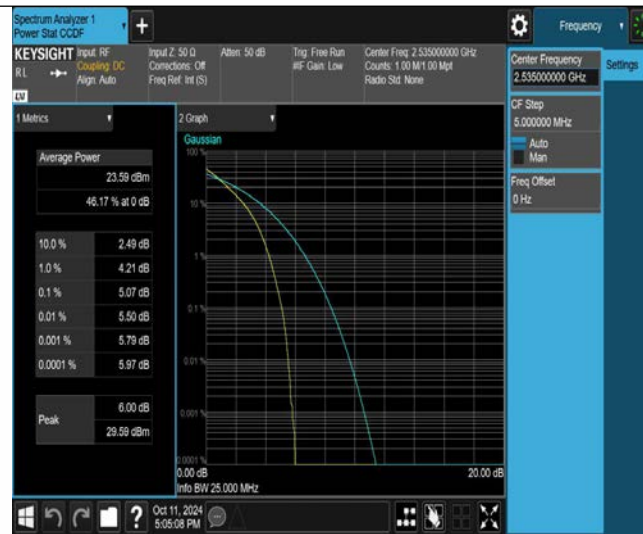
Band7-15MHz-QPSK-20825-75RB#0



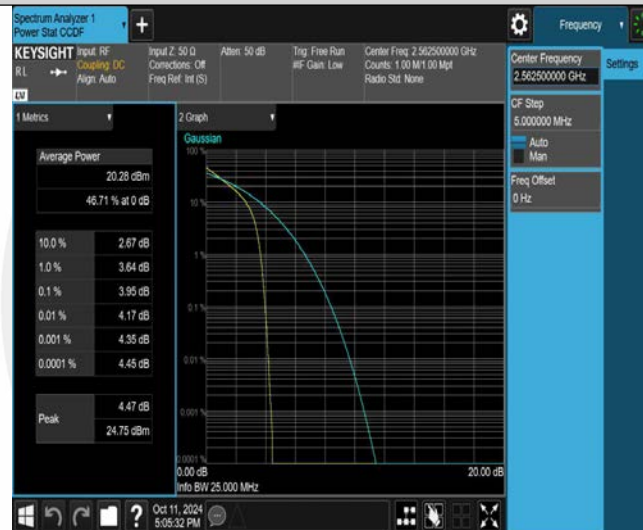
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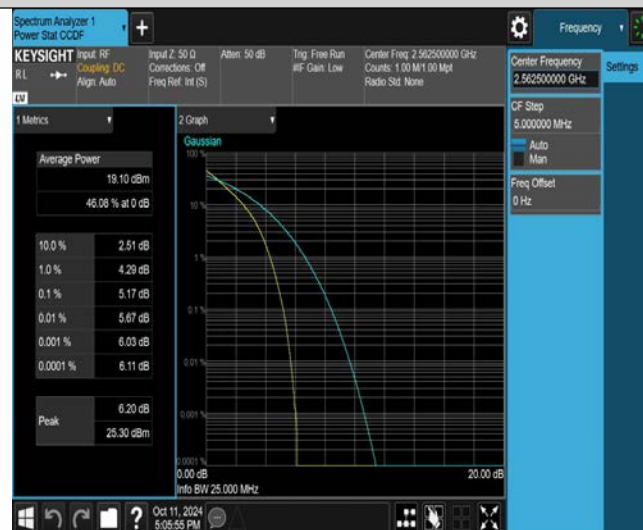
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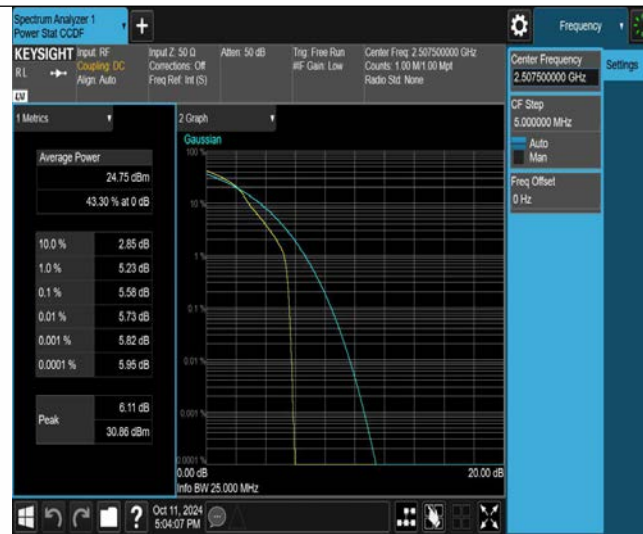
Band7-15MHz-QPSK-21375-1RB#0



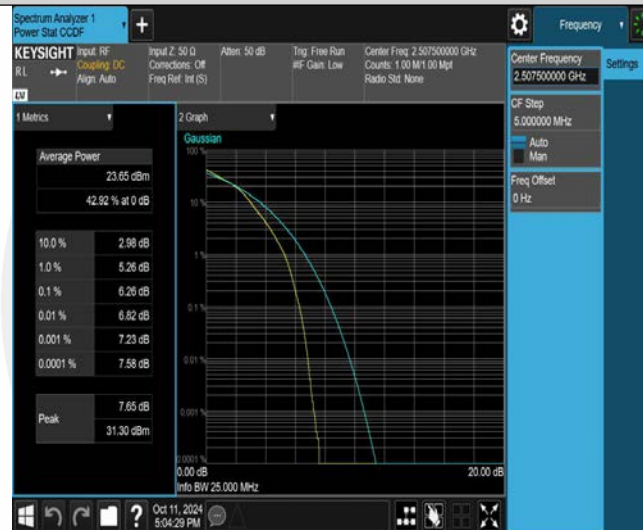
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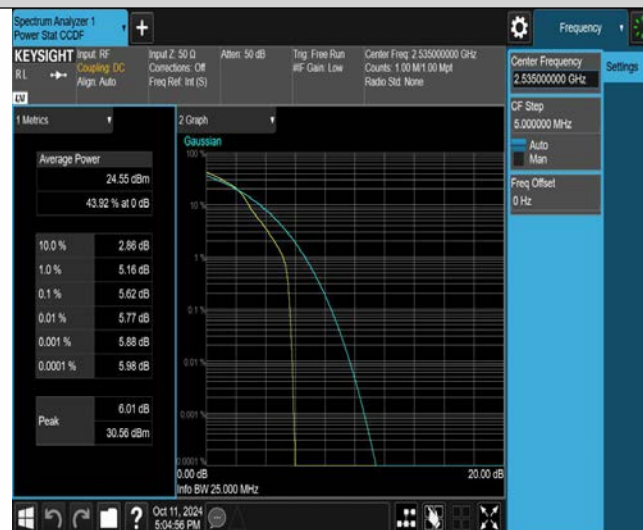
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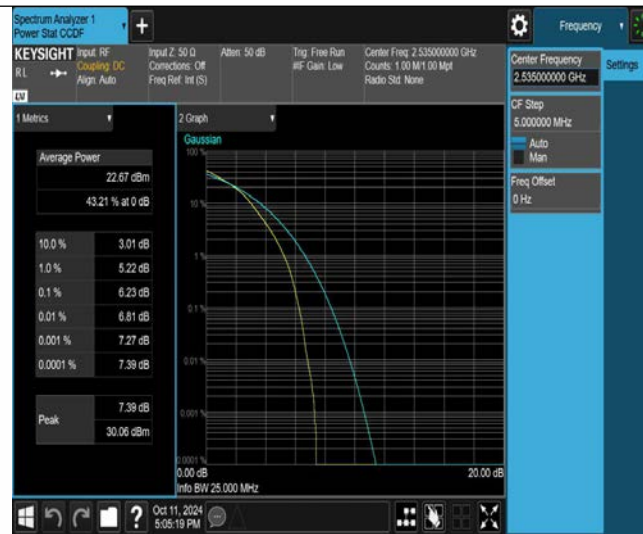
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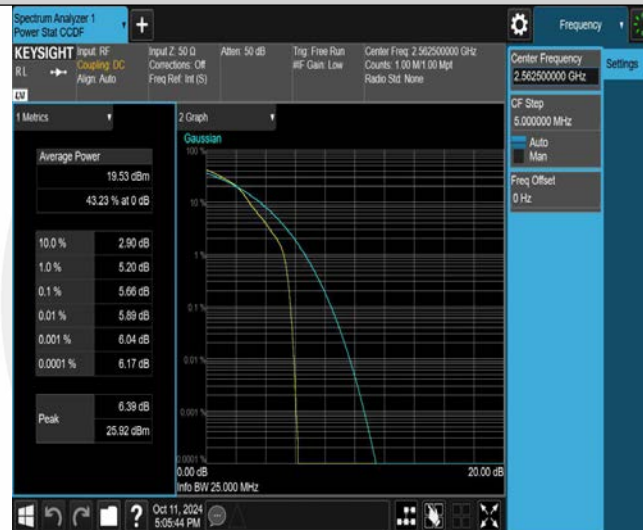
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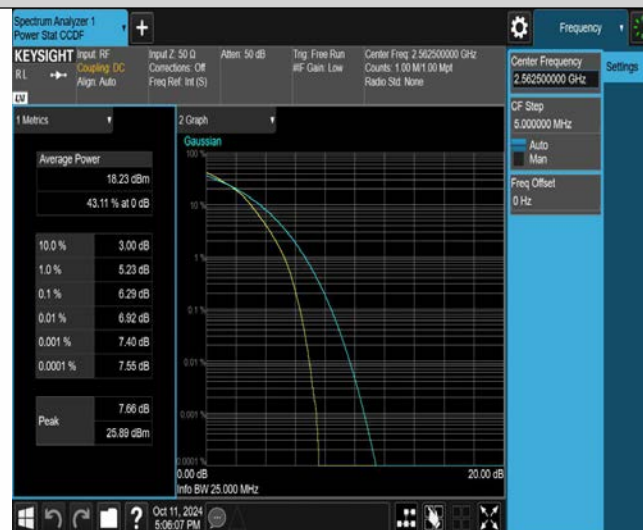
Band7-15MHz-16QAM-21100-75RB#0



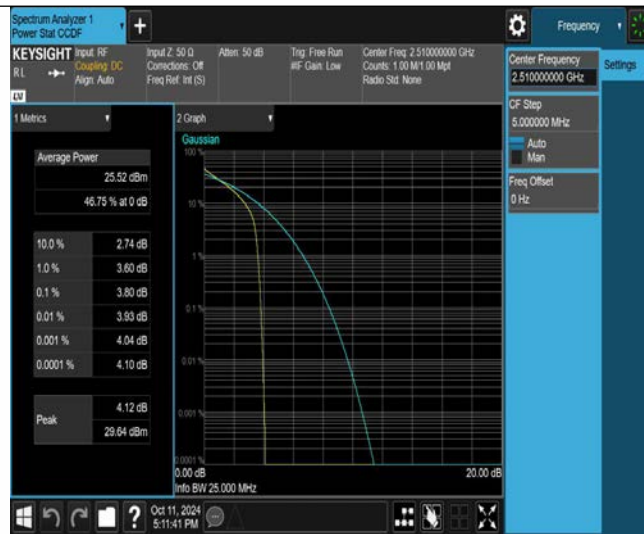
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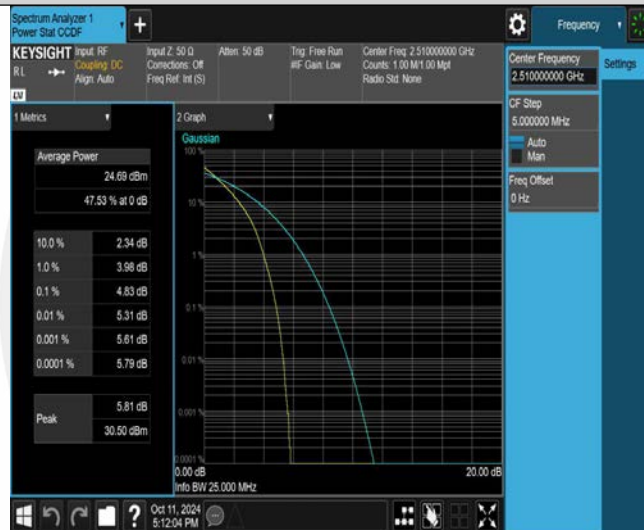
Band7-15MHz-16QAM-21375-75RB#0



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



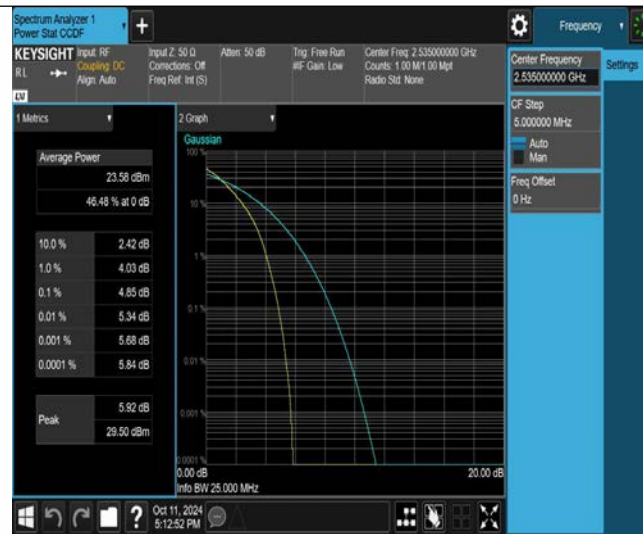
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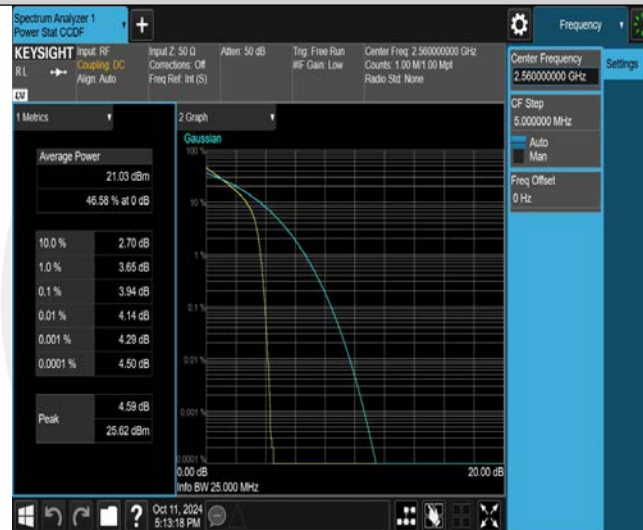
Band7-20MHz-QPSK-21100-1RB#0



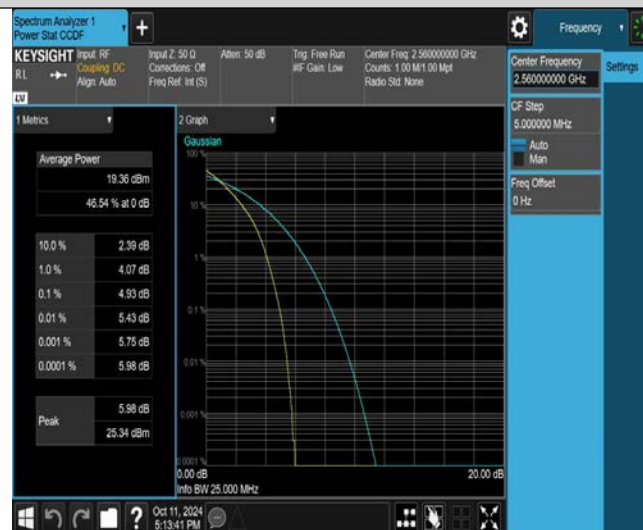
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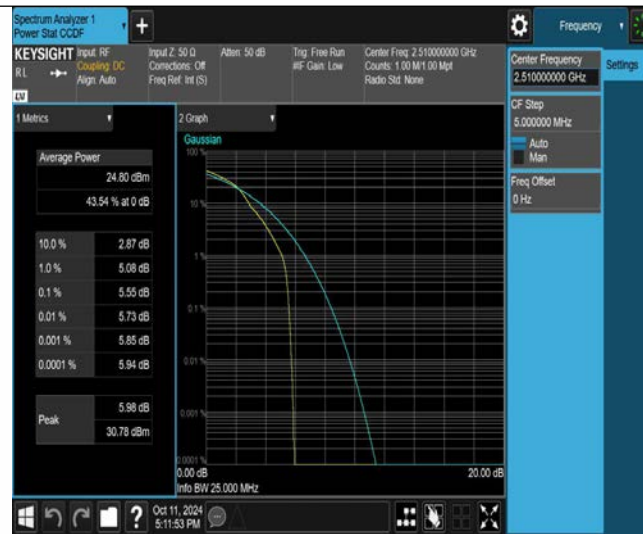
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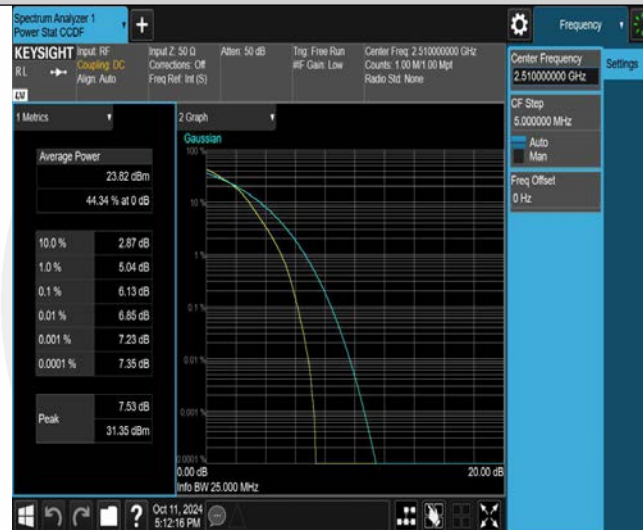
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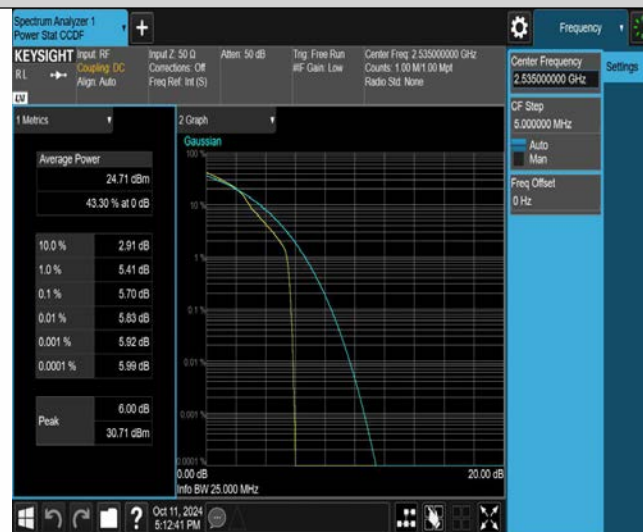
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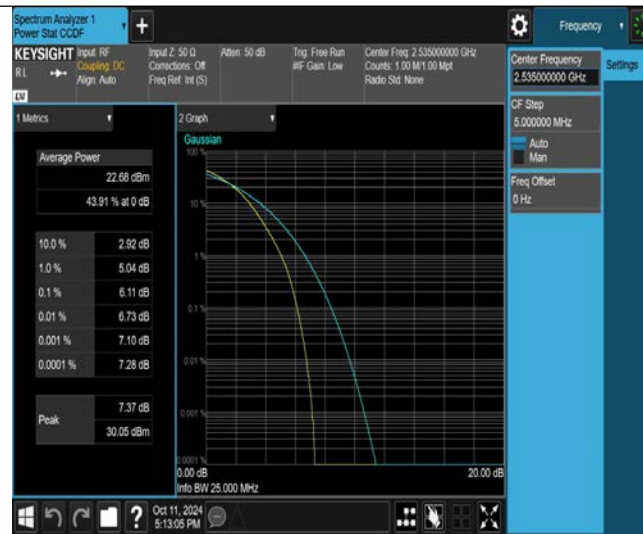
Band7-20MHz-16QAM-20850-100RB#0



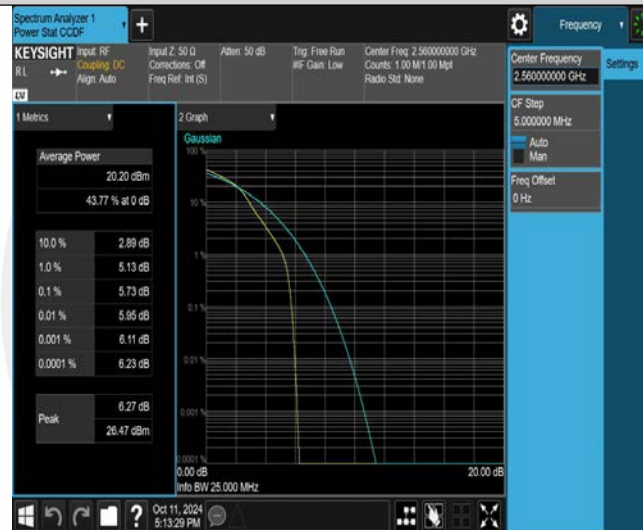
Band7-20MHz-16QAM-21100-1RB#0



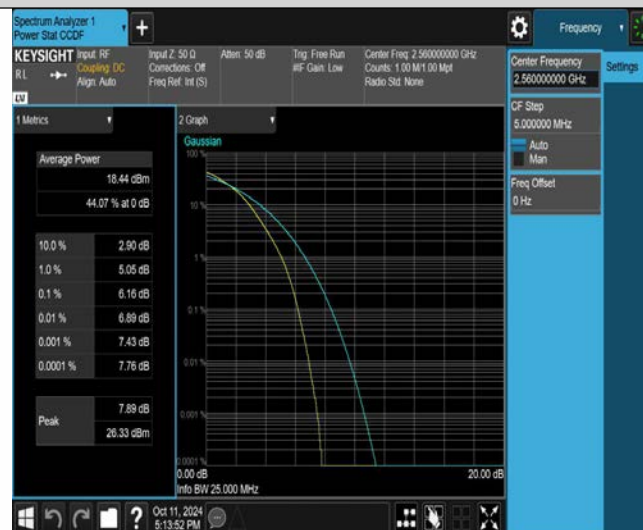
Band7-20MHz-16QAM-21100-100RB#0



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	4.5065	4.858	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4987	4.853	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.4984	4.870	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5086	4.858	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5018	4.877	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5050	4.883	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9836	9.559	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9734	9.533	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9810	9.555	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9635	9.527	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9750	9.526	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9781	9.522	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.442	14.29	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.440	14.27	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.477	14.34	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.448	14.25	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.449	14.24	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.461	14.24	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.916	18.97	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.889	18.96	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.927	18.98	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.909	18.94	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.901	18.93	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.935	18.97	PASS

Test Graphs

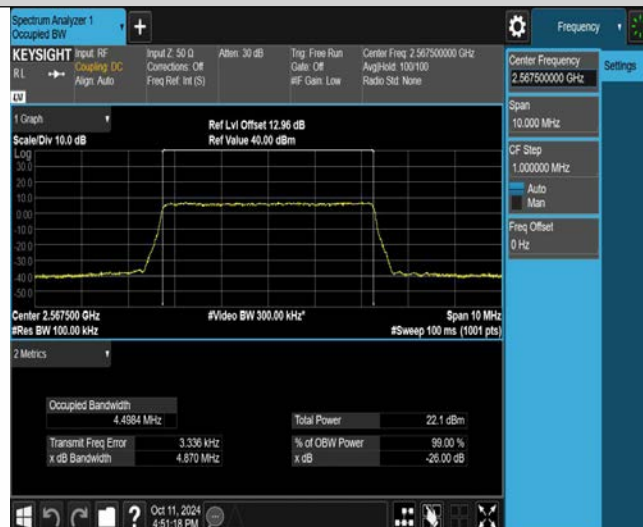
Band7-5MHz-QPSK-20775-25RB#0



Band7-5MHz-QPSK-21100-25RB#0



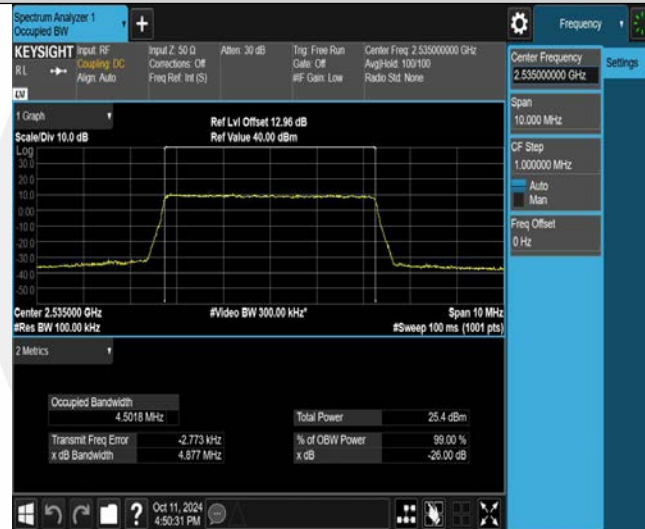
Band7-5MHz-QPSK-21425-25RB#0



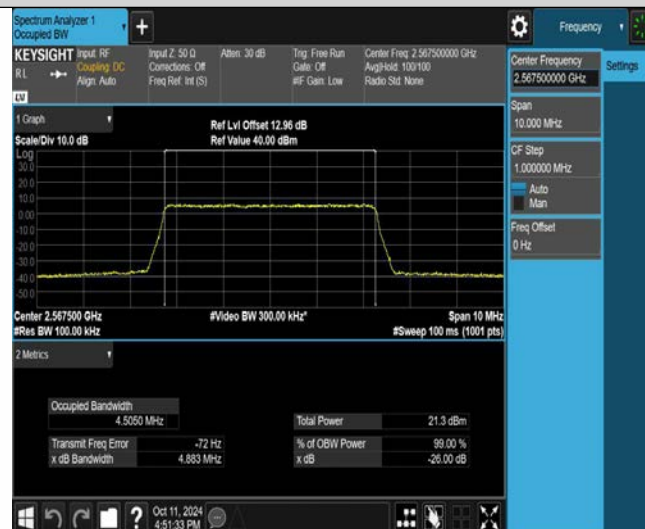
Band7-5MHz-16QAM-20775-25RB#0



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



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



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



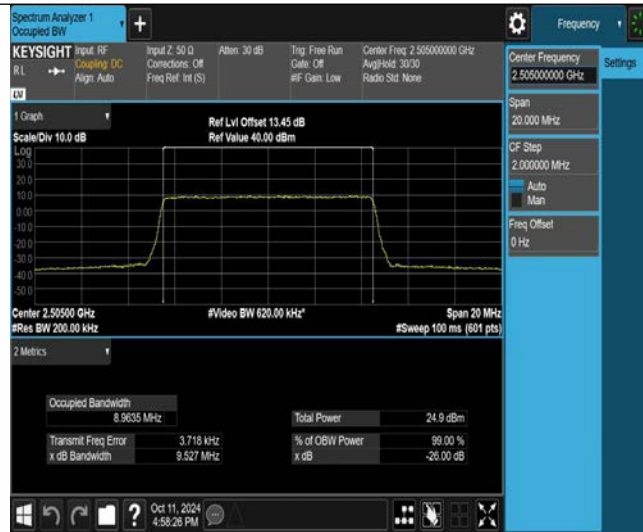
Band7-10MHz-QPSK-21100-50RB#0



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



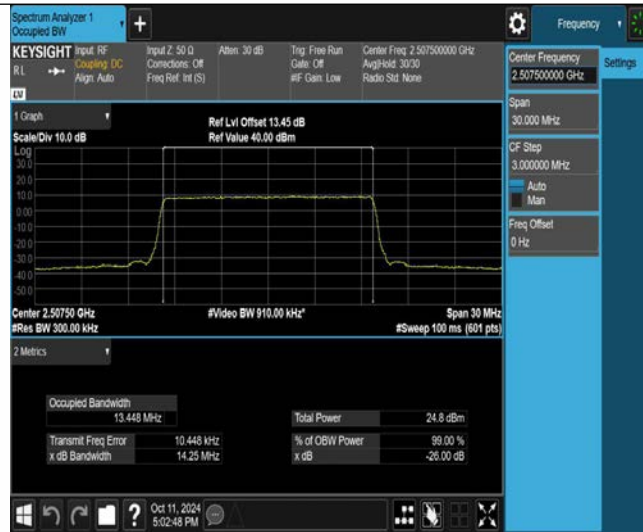
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Band7-15MHz-QPSK-21375-75RB#0



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	-46.93,-44.37,-43.73,-14.78	PASS
Band7	5MHz	QPSK	20775	1RB#24	-47.37,-44.97,-40.79,-46.65	PASS
Band7	5MHz	QPSK	20775	25RB#0	-44.39,-41.73,-35.67,-23.11	PASS
Band7	5MHz	QPSK	21425	1RB#0	-48.58,-45.54,-48.66,-48.21	PASS
Band7	5MHz	QPSK	21425	1RB#24	-20.63,-45.98,-48.37,-47.87	PASS
Band7	5MHz	QPSK	21425	25RB#0	-28.98,-41.74,-44.92,-44.72	PASS
Band7	5MHz	16QAM	20775	1RB#0	-47.40,-44.56,-43.54,-16.13	PASS
Band7	5MHz	16QAM	20775	1RB#24	-47.59,-45.31,-41.92,-47.72	PASS
Band7	5MHz	16QAM	20775	25RB#0	-44.72,-43.03,-36.24,-25.68	PASS
Band7	5MHz	16QAM	21425	1RB#0	-48.60,-45.34,-48.72,-48.60	PASS
Band7	5MHz	16QAM	21425	1RB#24	-23.06,-45.71,-48.65,-48.22	PASS
Band7	5MHz	16QAM	21425	25RB#0	-30.45,-42.59,-44.80,-45.32	PASS
Band7	10MHz	QPSK	20800	1RB#0	-44.95,-44.20,-43.15,-24.00	PASS
Band7	10MHz	QPSK	20800	1RB#49	-45.09,-42.97,-41.05,-41.26	PASS
Band7	10MHz	QPSK	20800	50RB#0	-43.78,-38.75,-36.41,-26.57	PASS
Band7	10MHz	QPSK	21400	1RB#0	-45.88,-45.69,-45.84,-45.83	PASS
Band7	10MHz	QPSK	21400	1RB#49	-28.99,-41.51,-45.81,-45.78	PASS
Band7	10MHz	QPSK	21400	50RB#0	-31.87,-42.07,-41.43,-44.27	PASS
Band7	10MHz	16QAM	20800	1RB#0	-45.11,-43.21,-41.67,-23.80	PASS
Band7	10MHz	16QAM	20800	1RB#49	-45.18,-43.36,-41.10,-43.89	PASS
Band7	10MHz	16QAM	20800	50RB#0	-43.50,-38.25,-36.37,-30.30	PASS
Band7	10MHz	16QAM	21400	1RB#0	-45.79,-44.64,-45.13,-45.71	PASS
Band7	10MHz	16QAM	21400	1RB#49	-28.33,-42.58,-45.76,-45.91	PASS
Band7	10MHz	16QAM	21400	50RB#0	-36.12,-41.46,-42.28,-44.09	PASS
Band7	15MHz	QPSK	20825	1RB#0	-43.43,-41.98,-43.19,-27.94	PASS
Band7	15MHz	QPSK	20825	1RB#74	-43.26,-39.10,-43.56,-41.95	PASS
Band7	15MHz	QPSK	20825	75RB#0	-40.67,-37.95,-33.39,-26.49	PASS
Band7	15MHz	QPSK	21375	1RB#0	-43.33,-44.09,-42.21,-44.27	PASS
Band7	15MHz	QPSK	21375	1RB#74	-27.03,-43.37,-40.81,-44.25	PASS
Band7	15MHz	QPSK	21375	75RB#0	-31.81,-38.53,-41.37,-43.08	PASS
Band7	15MHz	16QAM	20825	1RB#0	-43.31,-40.06,-42.06,-22.05	PASS
Band7	15MHz	16QAM	20825	1RB#74	-43.32,-39.50,-43.57,-43.07	PASS

Band7	15MHz	16QAM	20825	75RB#0	-40.70,-37.10,-34.37,-32.31	PASS
Band7	15MHz	16QAM	21375	1RB#0	-44.14,-44.12,-42.46,-44.27	PASS
Band7	15MHz	16QAM	21375	1RB#74	-28.53,-43.55,-40.77,-44.21	PASS
Band7	15MHz	16QAM	21375	75RB#0	-44.23,-44.20,-44.21,-44.30	PASS
Band7	20MHz	QPSK	20850	1RB#0	-42.30,-40.00,-40.92,-24.15	PASS
Band7	20MHz	QPSK	20850	1RB#99	-42.28,-39.31,-42.35,-42.19	PASS
Band7	20MHz	QPSK	20850	100RB#0	-39.91,-37.58,-35.52,-29.46	PASS
Band7	20MHz	QPSK	21350	1RB#0	-43.03,-43.07,-41.08,-43.11	PASS
Band7	20MHz	QPSK	21350	1RB#99	-28.05,-42.13,-40.14,-43.13	PASS
Band7	20MHz	QPSK	21350	100RB#0	-34.05,-39.71,-40.83,-42.62	PASS
Band7	20MHz	16QAM	20850	1RB#0	-42.30,-40.31,-41.09,-24.85	PASS
Band7	20MHz	16QAM	20850	1RB#99	-42.27,-39.55,-42.42,-42.34	PASS
Band7	20MHz	16QAM	20850	100RB#0	-39.22,-36.74,-35.75,-33.22	PASS
Band7	20MHz	16QAM	21350	1RB#0	-43.04,-43.01,-41.11,-43.13	PASS
Band7	20MHz	16QAM	21350	1RB#99	-38.11,-42.91,-42.71,-43.12	PASS
Band7	20MHz	16QAM	21350	100RB#0	-38.20,-40.00,-40.20,-42.48	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



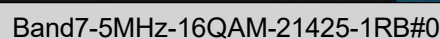
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Band7-5MHz-QPSK-21425-25RB#0



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



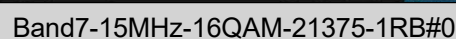
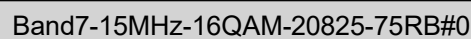
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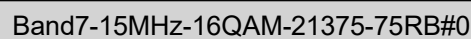


Band7-15MHz-QPSK-21375-75RB#0



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









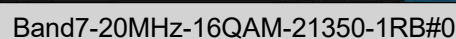
Band7-20MHz-QPSK-21350-1RB#99



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	-48.85	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~3000MHz	-32	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range3:3000~26500MHz	-45.68	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-47.66	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-31.29	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-47.86	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-48.49	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~3000MHz	-29.93	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range3:3000~26500MHz	-48.48	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-47.58	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~3000MHz	-30.76	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range3:3000~26500MHz	-48.37	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-49.09	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-31.02	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-46.8	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-48.03	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~	-31.82	PASS

					3000MHz		
Band7	5MHz	16QAM	21425	1RB#0	Range3:3000~26500MHz	-47.97	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:30~1000MHz	-48.54	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:1000~3000MHz	-31.4	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range3:3000~26500MHz	-47.99	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-48.43	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-31.23	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-47.53	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:30~1000MHz	-49.35	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:1000~3000MHz	-31.18	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range3:3000~26500MHz	-48.31	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:30~1000MHz	-47.17	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:1000~3000MHz	-31.04	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range3:3000~26500MHz	-48.21	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-47.01	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-30.71	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-48.29	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:30~1000MHz	-49.29	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:1000~3000MHz	-31.45	PASS

Band7	10MHz	16QAM	21400	1RB#0	Range3:3000~26500MHz	-47.61	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:30~1000MHz	-49.47	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:1000~3000MHz	-31.88	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range3:3000~26500MHz	-45.82	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-48.42	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-31.42	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-47.44	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:30~1000MHz	-48.62	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:1000~3000MHz	-30.95	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range3:3000~26500MHz	-47.91	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:30~1000MHz	-49.26	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:1000~3000MHz	-30.46	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range3:3000~26500MHz	-48.03	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-49.58	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-31.42	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-47.65	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:30~1000MHz	-49.13	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range2:1000~3000MHz	-31.05	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range3:3000~	-48.64	PASS

					26500MHz		
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-49	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~3000MHz	-31.9	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range3:3000~26500MHz	-47.77	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-49.52	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-31.72	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-47.92	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-48.86	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~3000MHz	-31.43	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range3:3000~26500MHz	-47.27	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-48.99	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~3000MHz	-30.76	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range3:3000~26500MHz	-47.98	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-49.55	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-30.9	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-45.98	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-49.39	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~3000MHz	-31.71	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range3:3000~26500MHz	-48.63	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



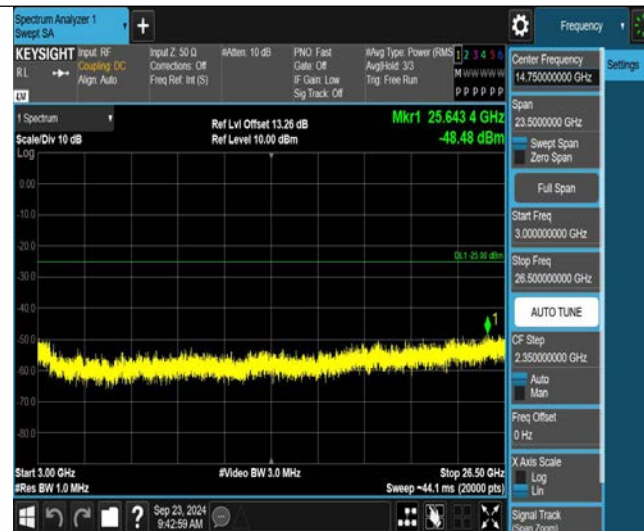
Band7-5MHz-QPSK-21425-1RB#0-Range1:30~1000MHz



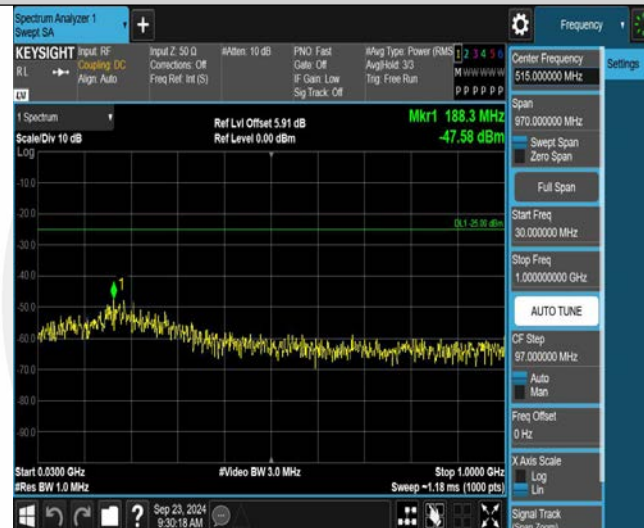
Band7-5MHz-QPSK-21425-1RB#0-Range2:1000~3000MHz



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



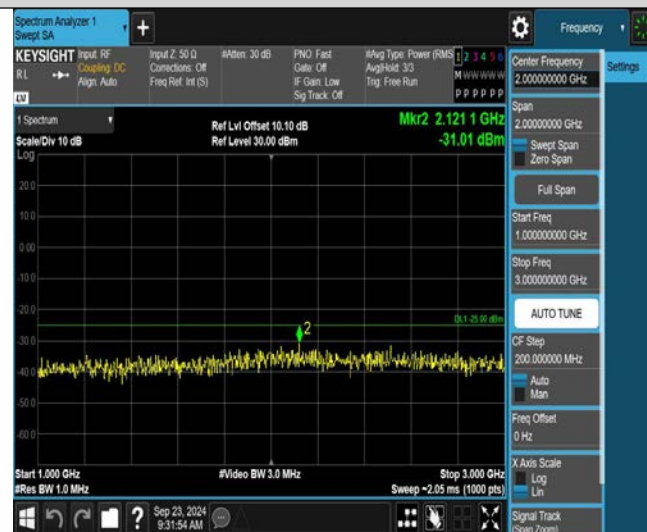
Band7-5MHz-16QAM-20775-1RB#0-Range3:3000~26500MHz



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



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



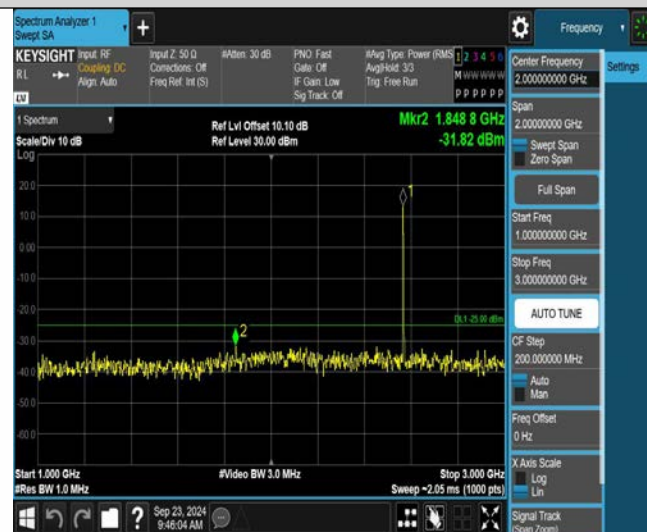
Band7-5MHz-16QAM-21100-1RB#0-Range3:3000~26500MHz



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



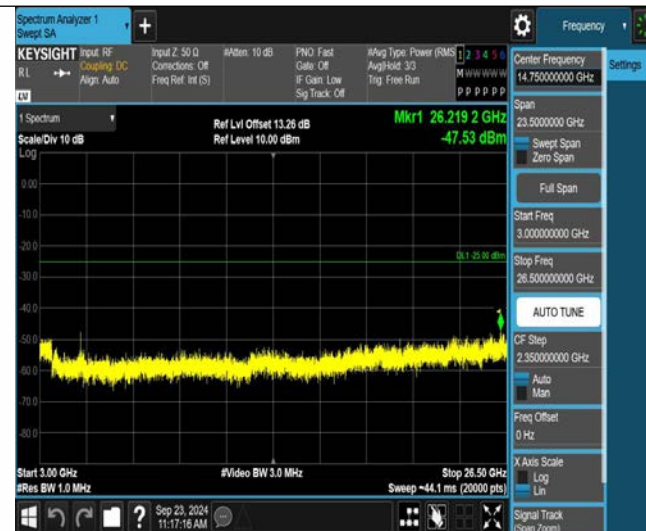
Band7-10MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



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



Band7-10MHz-QPSK-21400-1RB#0-Range2:1000~3000MHz



Band7-10MHz-QPSK-21400-1RB#0-Range3:3000~26500MHz