

LTE Band 7 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	21.89	PASS
Band7	5MHz	QPSK	20775	1RB#12	21.96	PASS
Band7	5MHz	QPSK	20775	1RB#24	21.84	PASS
Band7	5MHz	QPSK	20775	12RB#0	20.91	PASS
Band7	5MHz	QPSK	20775	12RB#6	20.91	PASS
Band7	5MHz	QPSK	20775	12RB#13	20.95	PASS
Band7	5MHz	QPSK	20775	25RB#0	20.99	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.00	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.10	PASS
Band7	5MHz	QPSK	21100	1RB#24	21.98	PASS
Band7	5MHz	QPSK	21100	12RB#0	20.98	PASS
Band7	5MHz	QPSK	21100	12RB#6	20.99	PASS
Band7	5MHz	QPSK	21100	12RB#13	20.97	PASS
Band7	5MHz	QPSK	21100	25RB#0	20.95	PASS
Band7	5MHz	QPSK	21425	1RB#0	21.98	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.07	PASS
Band7	5MHz	QPSK	21425	1RB#24	21.94	PASS
Band7	5MHz	QPSK	21425	12RB#0	20.92	PASS
Band7	5MHz	QPSK	21425	12RB#6	20.95	PASS
Band7	5MHz	QPSK	21425	12RB#13	20.91	PASS
Band7	5MHz	QPSK	21425	25RB#0	20.90	PASS
Band7	5MHz	16QAM	20775	1RB#0	21.10	PASS
Band7	5MHz	16QAM	20775	1RB#12	21.15	PASS
Band7	5MHz	16QAM	20775	1RB#24	21.01	PASS
Band7	5MHz	16QAM	20775	12RB#0	19.91	PASS
Band7	5MHz	16QAM	20775	12RB#6	20.01	PASS
Band7	5MHz	16QAM	20775	12RB#13	20.05	PASS
Band7	5MHz	16QAM	20775	25RB#0	19.98	PASS
Band7	5MHz	16QAM	21100	1RB#0	21.22	PASS
Band7	5MHz	16QAM	21100	1RB#12	21.29	PASS
Band7	5MHz	16QAM	21100	1RB#24	21.19	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.07	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.08	PASS

Band7	5MHz	16QAM	21100	12RB#13	19.99	PASS
Band7	5MHz	16QAM	21100	25RB#0	19.97	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.20	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.26	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.10	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.02	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.04	PASS
Band7	5MHz	16QAM	21425	12RB#13	19.99	PASS
Band7	5MHz	16QAM	21425	25RB#0	19.93	PASS
Band7	10MHz	QPSK	20800	1RB#0	21.97	PASS
Band7	10MHz	QPSK	20800	1RB#24	21.94	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.77	PASS
Band7	10MHz	QPSK	20800	25RB#0	21.07	PASS
Band7	10MHz	QPSK	20800	25RB#12	21.09	PASS
Band7	10MHz	QPSK	20800	25RB#25	20.98	PASS
Band7	10MHz	QPSK	20800	50RB#0	21.05	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.12	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.01	PASS
Band7	10MHz	QPSK	21100	1RB#49	21.94	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.04	PASS
Band7	10MHz	QPSK	21100	25RB#12	21.07	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.02	PASS
Band7	10MHz	QPSK	21100	50RB#0	20.99	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.92	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.94	PASS
Band7	10MHz	QPSK	21400	1RB#49	21.92	PASS
Band7	10MHz	QPSK	21400	25RB#0	20.93	PASS
Band7	10MHz	QPSK	21400	25RB#12	20.91	PASS
Band7	10MHz	QPSK	21400	25RB#25	20.96	PASS
Band7	10MHz	QPSK	21400	50RB#0	20.95	PASS
Band7	10MHz	16QAM	20800	1RB#0	21.20	PASS
Band7	10MHz	16QAM	20800	1RB#24	21.21	PASS
Band7	10MHz	16QAM	20800	1RB#49	21.08	PASS
Band7	10MHz	16QAM	20800	25RB#0	20.02	PASS
Band7	10MHz	16QAM	20800	25RB#12	20.03	PASS
Band7	10MHz	16QAM	20800	25RB#25	19.99	PASS
Band7	10MHz	16QAM	20800	50RB#0	20.05	PASS

Band7	10MHz	16QAM	21100	1RB#0	21.36	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.17	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.13	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.05	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.09	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.05	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.03	PASS
Band7	10MHz	16QAM	21400	1RB#0	20.78	PASS
Band7	10MHz	16QAM	21400	1RB#24	20.85	PASS
Band7	10MHz	16QAM	21400	1RB#49	20.84	PASS
Band7	10MHz	16QAM	21400	25RB#0	19.95	PASS
Band7	10MHz	16QAM	21400	25RB#12	19.98	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.00	PASS
Band7	10MHz	16QAM	21400	50RB#0	19.97	PASS
Band7	15MHz	QPSK	20825	1RB#0	22.09	PASS
Band7	15MHz	QPSK	20825	1RB#38	21.97	PASS
Band7	15MHz	QPSK	20825	1RB#74	21.83	PASS
Band7	15MHz	QPSK	20825	38RB#0	20.99	PASS
Band7	15MHz	QPSK	20825	38RB#18	20.97	PASS
Band7	15MHz	QPSK	20825	38RB#37	20.99	PASS
Band7	15MHz	QPSK	20825	75RB#0	20.96	PASS
Band7	15MHz	QPSK	21100	1RB#0	22.14	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.91	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.78	PASS
Band7	15MHz	QPSK	21100	38RB#0	20.99	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.03	PASS
Band7	15MHz	QPSK	21100	38RB#37	20.98	PASS
Band7	15MHz	QPSK	21100	75RB#0	20.97	PASS
Band7	15MHz	QPSK	21375	1RB#0	22.02	PASS
Band7	15MHz	QPSK	21375	1RB#38	21.87	PASS
Band7	15MHz	QPSK	21375	1RB#74	21.89	PASS
Band7	15MHz	QPSK	21375	38RB#0	20.89	PASS
Band7	15MHz	QPSK	21375	38RB#18	20.90	PASS
Band7	15MHz	QPSK	21375	38RB#37	20.90	PASS
Band7	15MHz	QPSK	21375	75RB#0	20.89	PASS
Band7	15MHz	16QAM	20825	1RB#0	21.18	PASS
Band7	15MHz	16QAM	20825	1RB#38	21.11	PASS

Band7	15MHz	16QAM	20825	1RB#74	21.03	PASS
Band7	15MHz	16QAM	20825	38RB#0	20.98	PASS
Band7	15MHz	16QAM	20825	38RB#18	21.01	PASS
Band7	15MHz	16QAM	20825	38RB#37	21.01	PASS
Band7	15MHz	16QAM	20825	75RB#0	19.95	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.47	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.29	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.16	PASS
Band7	15MHz	16QAM	21100	38RB#0	20.97	PASS
Band7	15MHz	16QAM	21100	38RB#18	20.97	PASS
Band7	15MHz	16QAM	21100	38RB#37	20.99	PASS
Band7	15MHz	16QAM	21100	75RB#0	19.98	PASS
Band7	15MHz	16QAM	21375	1RB#0	20.81	PASS
Band7	15MHz	16QAM	21375	1RB#38	20.75	PASS
Band7	15MHz	16QAM	21375	1RB#74	20.77	PASS
Band7	15MHz	16QAM	21375	38RB#0	20.91	PASS
Band7	15MHz	16QAM	21375	38RB#18	20.92	PASS
Band7	15MHz	16QAM	21375	38RB#37	20.88	PASS
Band7	15MHz	16QAM	21375	75RB#0	19.88	PASS
Band7	20MHz	QPSK	20850	1RB#0	22.02	PASS
Band7	20MHz	QPSK	20850	1RB#49	21.77	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.83	PASS
Band7	20MHz	QPSK	20850	50RB#0	20.95	PASS
Band7	20MHz	QPSK	20850	50RB#25	21.01	PASS
Band7	20MHz	QPSK	20850	50RB#50	20.72	PASS
Band7	20MHz	QPSK	20850	100RB#0	20.82	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.26	PASS
Band7	20MHz	QPSK	21100	1RB#49	21.98	PASS
Band7	20MHz	QPSK	21100	1RB#99	21.84	PASS
Band7	20MHz	QPSK	21100	50RB#0	21.17	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.20	PASS
Band7	20MHz	QPSK	21100	50RB#50	20.98	PASS
Band7	20MHz	QPSK	21100	100RB#0	20.99	PASS
Band7	20MHz	QPSK	21350	1RB#0	21.99	PASS
Band7	20MHz	QPSK	21350	1RB#49	21.75	PASS
Band7	20MHz	QPSK	21350	1RB#99	21.79	PASS
Band7	20MHz	QPSK	21350	50RB#0	20.97	PASS

Band7	20MHz	QPSK	21350	50RB#25	20.96	PASS
Band7	20MHz	QPSK	21350	50RB#50	20.87	PASS
Band7	20MHz	QPSK	21350	100RB#0	20.95	PASS
Band7	20MHz	16QAM	20850	1RB#0	21.16	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.88	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.89	PASS
Band7	20MHz	16QAM	20850	50RB#0	20.00	PASS
Band7	20MHz	16QAM	20850	50RB#25	19.97	PASS
Band7	20MHz	16QAM	20850	50RB#50	19.78	PASS
Band7	20MHz	16QAM	20850	100RB#0	19.81	PASS
Band7	20MHz	16QAM	21100	1RB#0	21.44	PASS
Band7	20MHz	16QAM	21100	1RB#49	21.18	PASS
Band7	20MHz	16QAM	21100	1RB#99	21.02	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.20	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.20	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.00	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.04	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.14	PASS
Band7	20MHz	16QAM	21350	1RB#49	20.88	PASS
Band7	20MHz	16QAM	21350	1RB#99	20.93	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.01	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.04	PASS
Band7	20MHz	16QAM	21350	50RB#50	19.90	PASS
Band7	20MHz	16QAM	21350	100RB#0	19.98	PASS

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

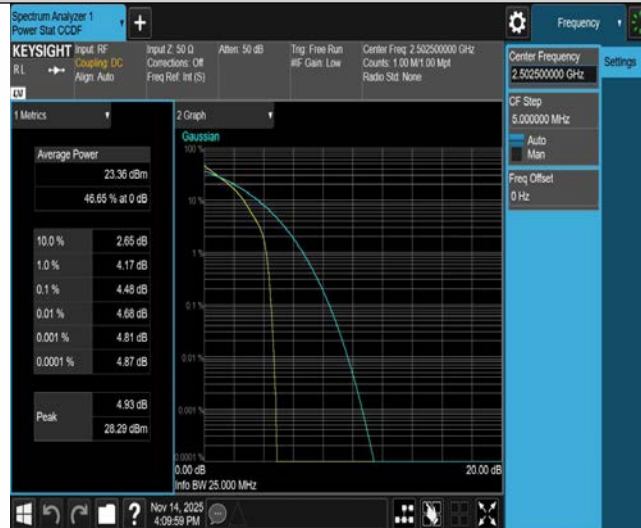
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	4.48	13	PASS
Band7	5MHz	QPSK	20775	25RB#0	5.10	13	PASS
Band7	5MHz	QPSK	21100	1RB#0	4.65	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.17	13	PASS
Band7	5MHz	QPSK	21425	1RB#0	4.50	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	5.08	13	PASS
Band7	5MHz	16QAM	20775	1RB#0	5.16	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.90	13	PASS
Band7	5MHz	16QAM	21100	1RB#0	5.38	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.99	13	PASS
Band7	5MHz	16QAM	21425	1RB#0	5.10	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.81	13	PASS
Band7	10MHz	QPSK	20800	1RB#0	3.95	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.70	13	PASS
Band7	10MHz	QPSK	21100	1RB#0	4.47	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.08	13	PASS
Band7	10MHz	QPSK	21400	1RB#0	4.24	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.96	13	PASS
Band7	10MHz	16QAM	20800	1RB#0	4.87	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.56	13	PASS
Band7	10MHz	16QAM	21100	1RB#0	5.21	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.92	13	PASS
Band7	10MHz	16QAM	21400	1RB#0	5.03	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.77	13	PASS
Band7	15MHz	QPSK	20825	1RB#0	3.91	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	4.90	13	PASS
Band7	15MHz	QPSK	21100	1RB#0	4.42	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.35	13	PASS
Band7	15MHz	QPSK	21375	1RB#0	3.91	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.23	13	PASS
Band7	15MHz	16QAM	20825	1RB#0	4.81	13	PASS

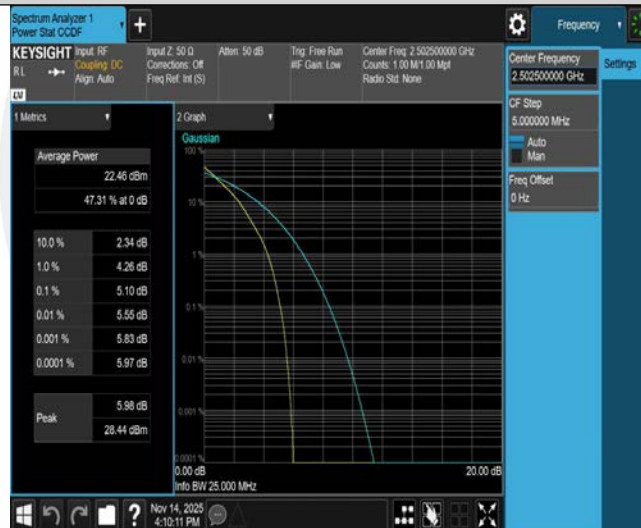
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Band7	15MHz	16QAM	21100	1RB#0	5.24	13	PASS
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Band7	15MHz	16QAM	21375	1RB#0	4.61	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.86	13	PASS
Band7	20MHz	QPSK	20850	1RB#0	4.01	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	4.80	13	PASS
Band7	20MHz	QPSK	21100	1RB#0	4.45	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.19	13	PASS
Band7	20MHz	QPSK	21350	1RB#0	3.72	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.04	13	PASS
Band7	20MHz	16QAM	20850	1RB#0	4.96	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.65	13	PASS
Band7	20MHz	16QAM	21100	1RB#0	5.31	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.94	13	PASS
Band7	20MHz	16QAM	21350	1RB#0	4.34	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.77	13	PASS

Test Graphs

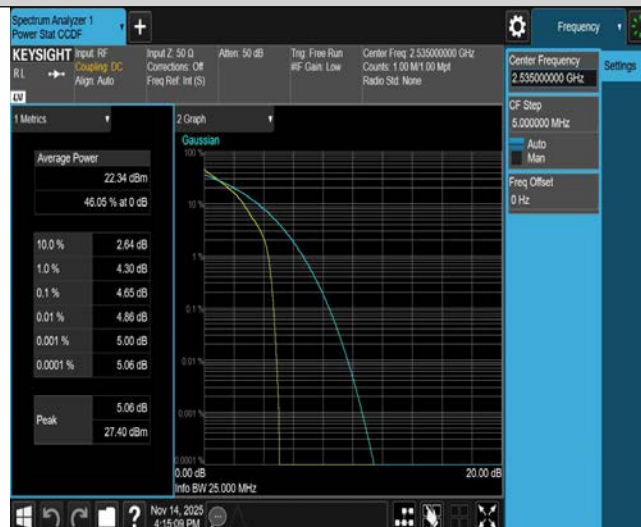
Band7-5MHz-QPSK-20775-1RB#0



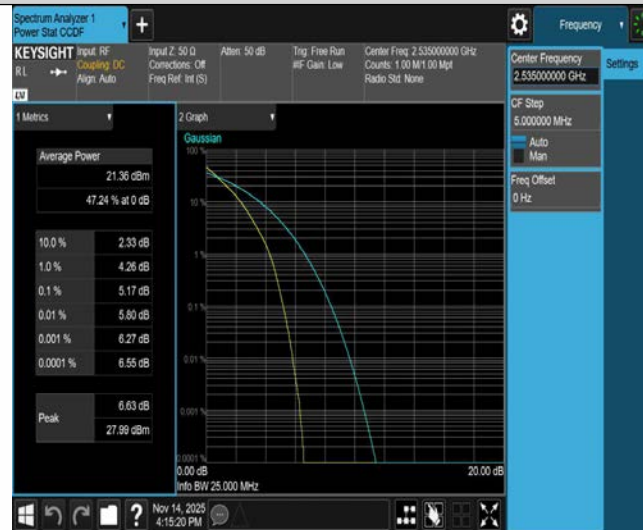
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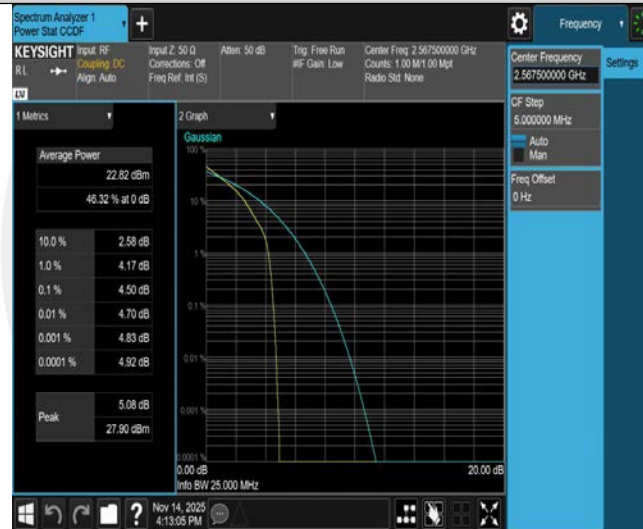
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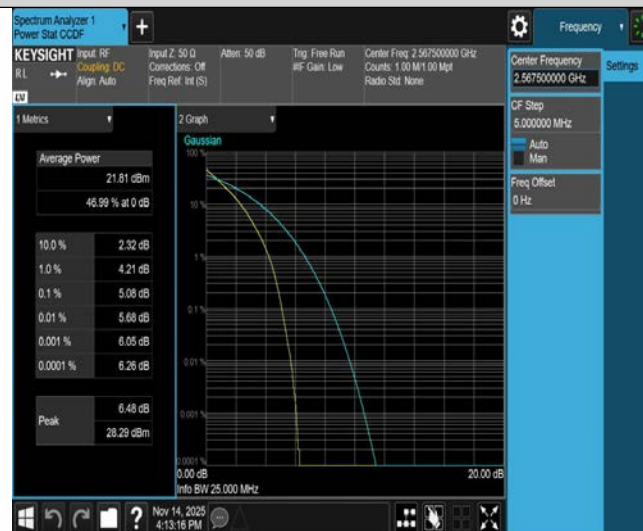
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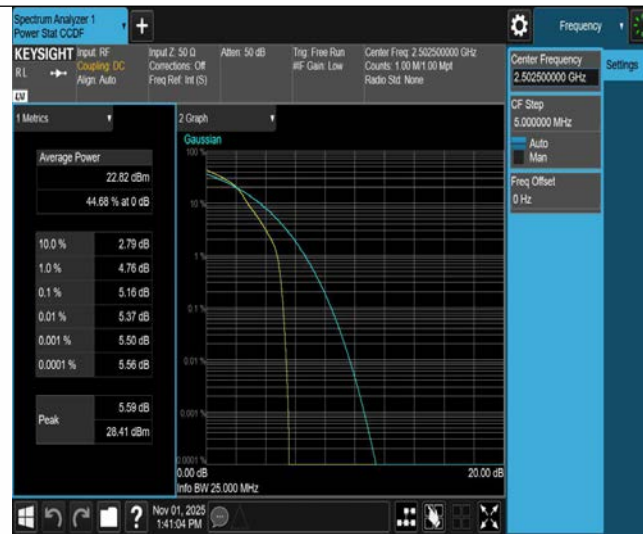
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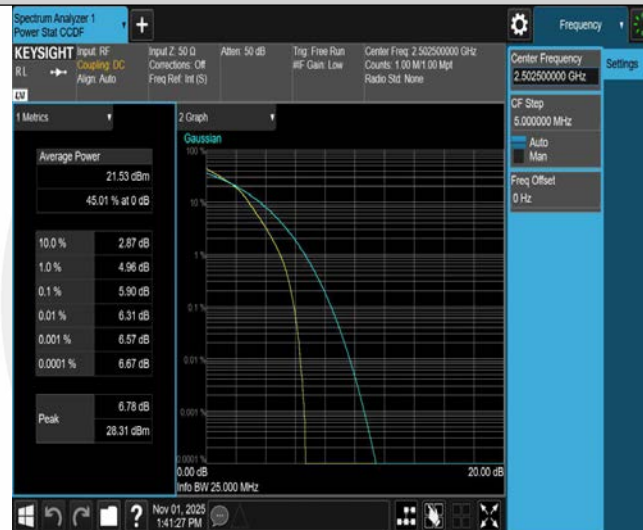
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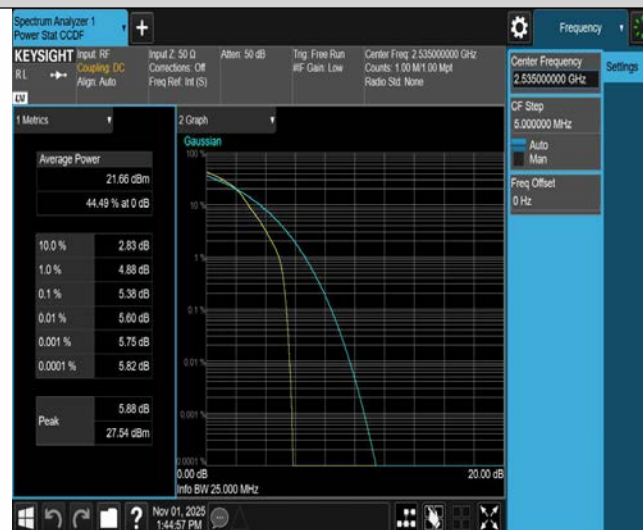
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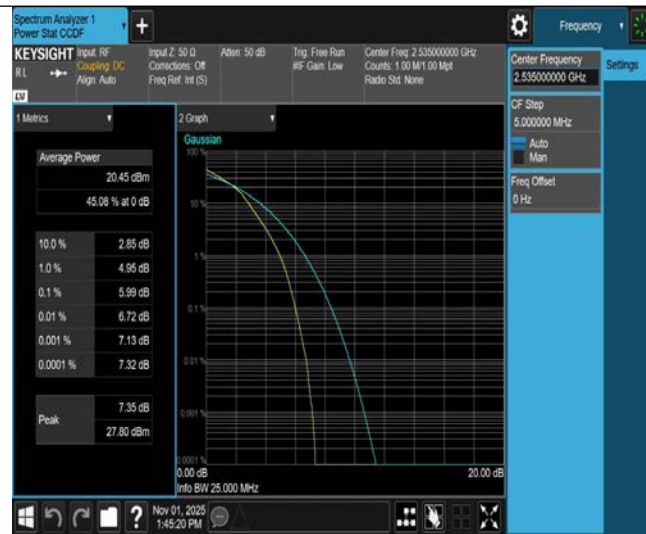
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Band7-5MHz-16QAM-21100-1RB#0



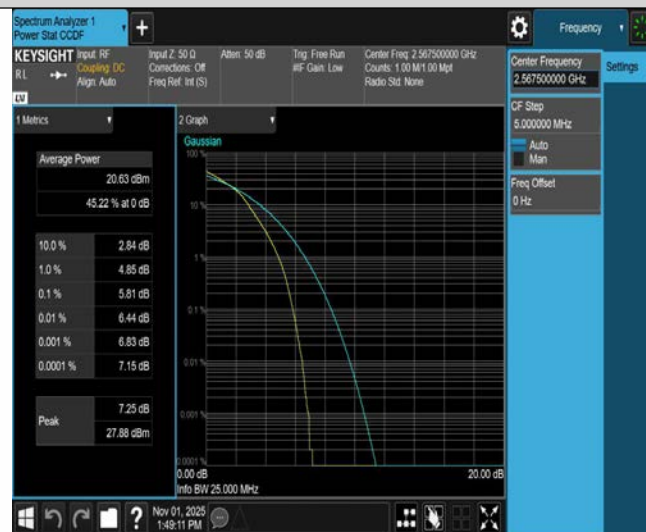
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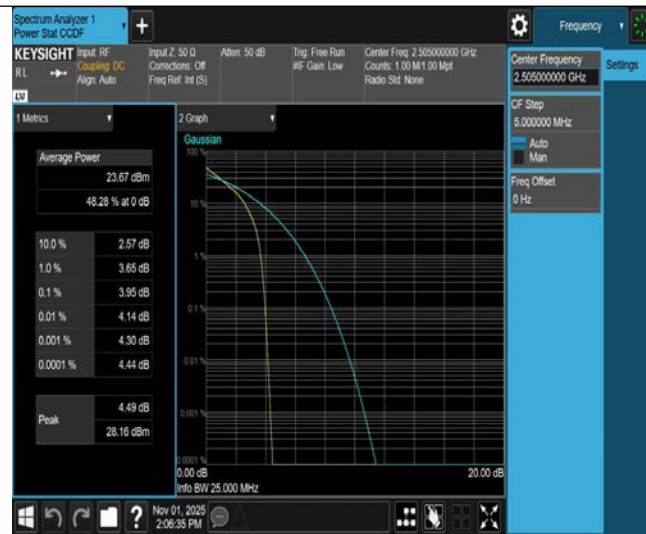
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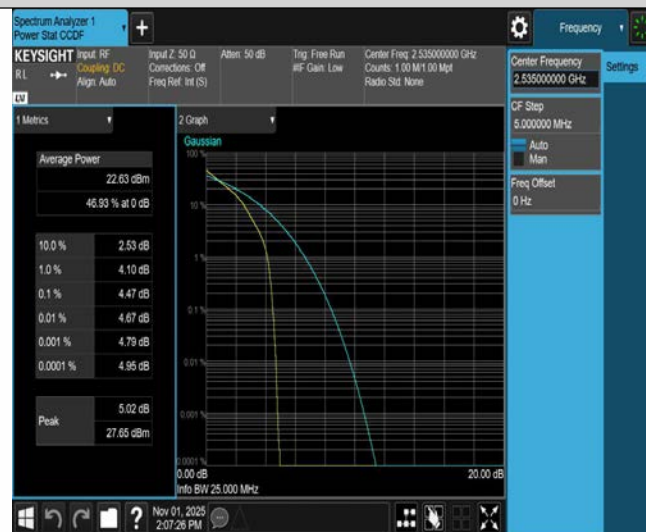
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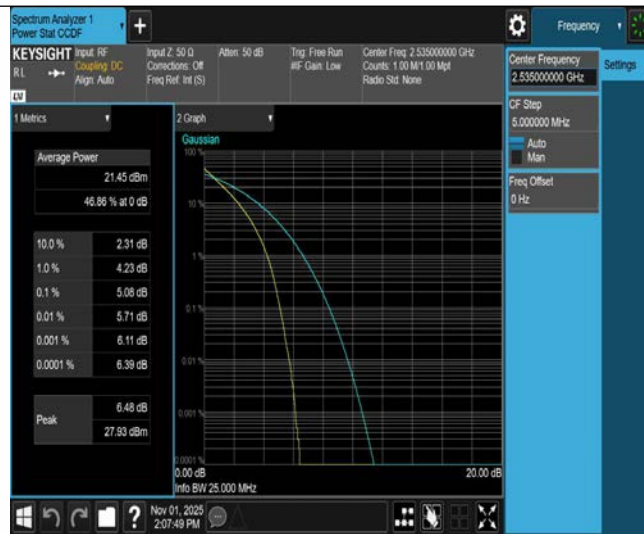
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Band7-10MHz-QPSK-21100-50RB#0



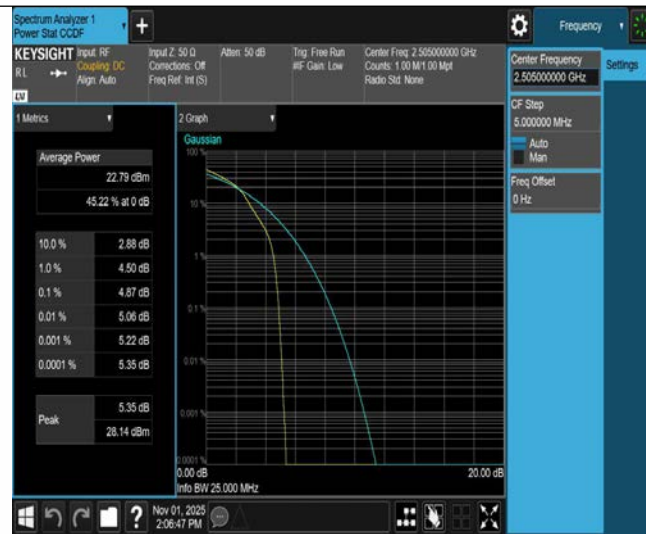
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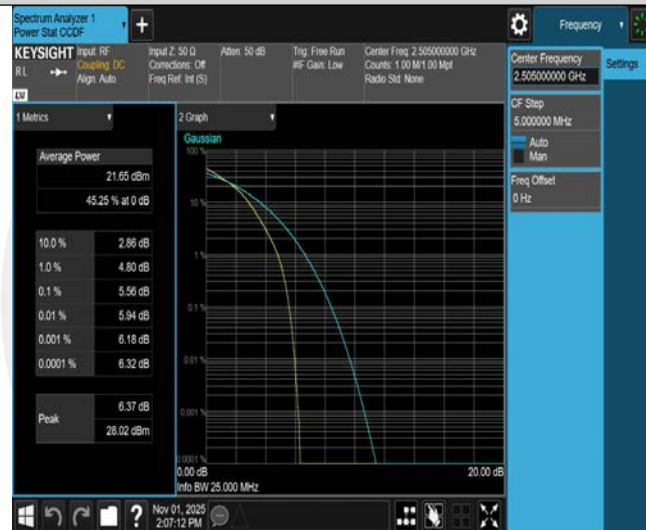
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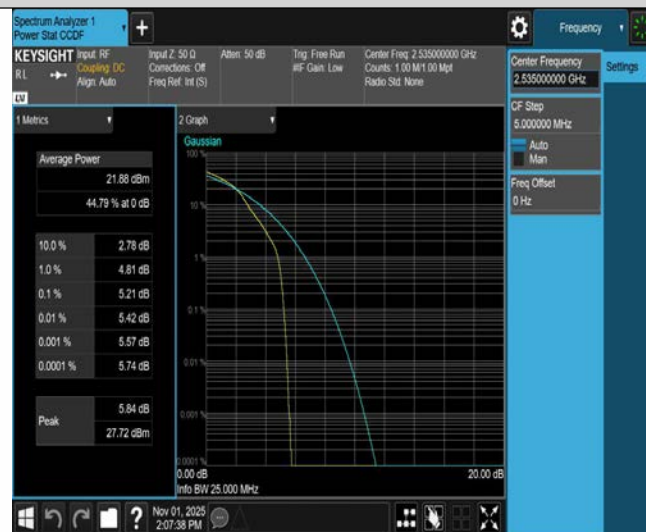
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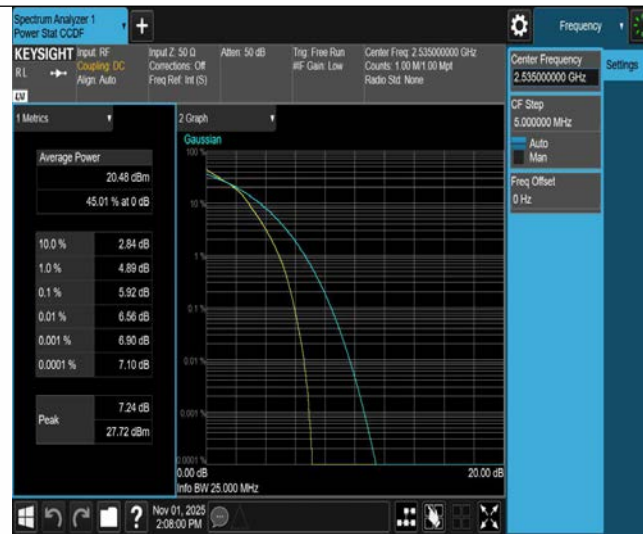
Band7-10MHz-16QAM-20800-50RB#0



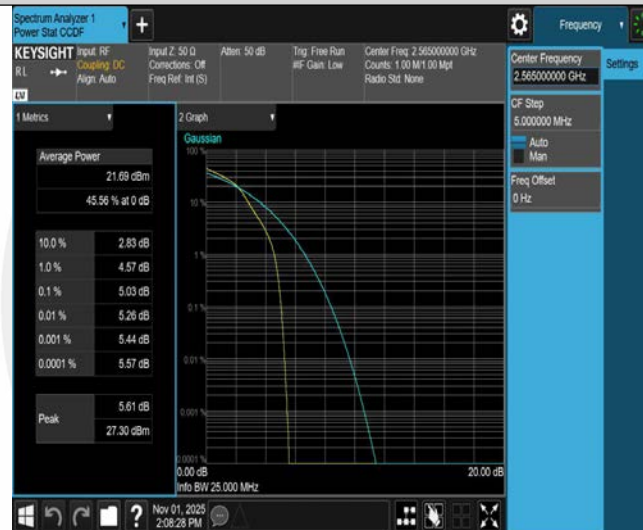
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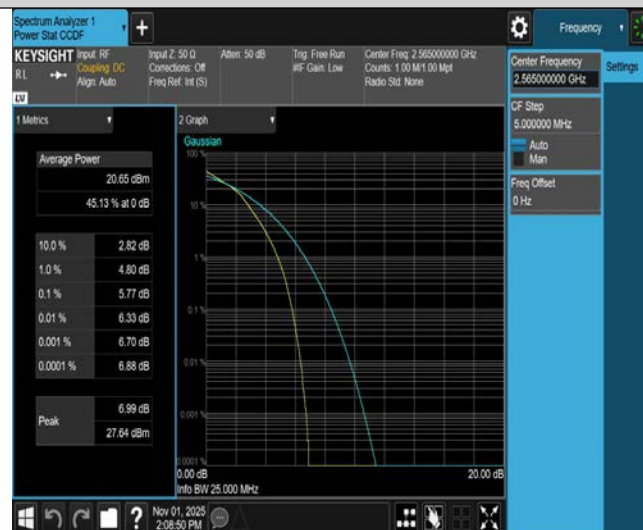
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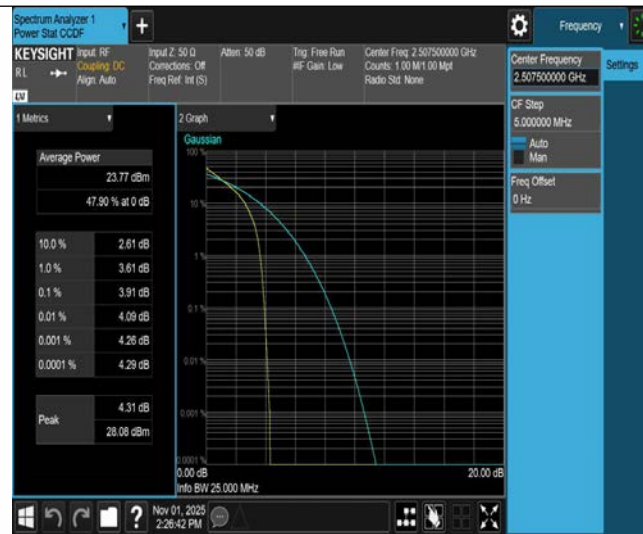
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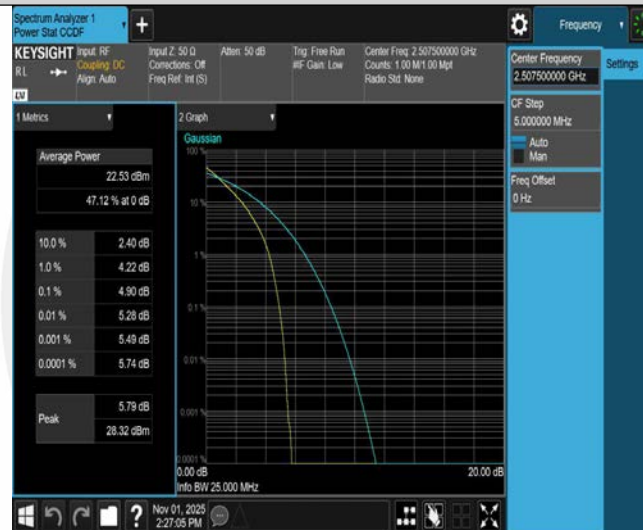
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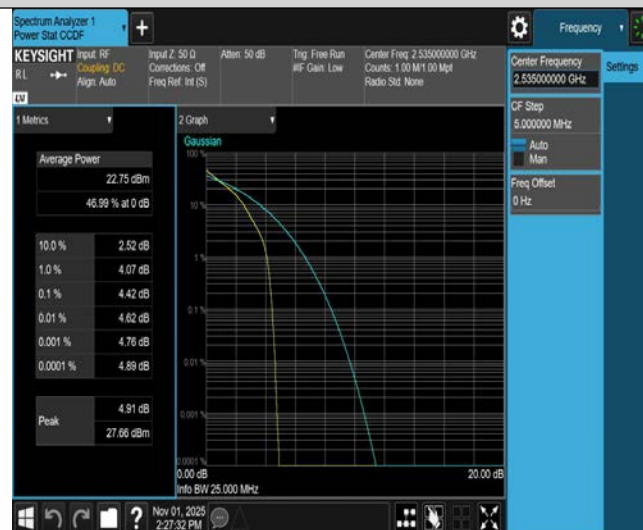
Band7-15MHz-QPSK-20825-1RB#0



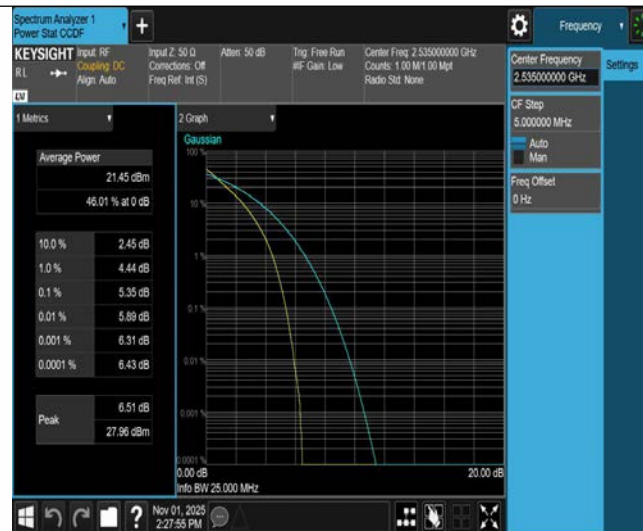
Band7-15MHz-QPSK-20825-75RB#0



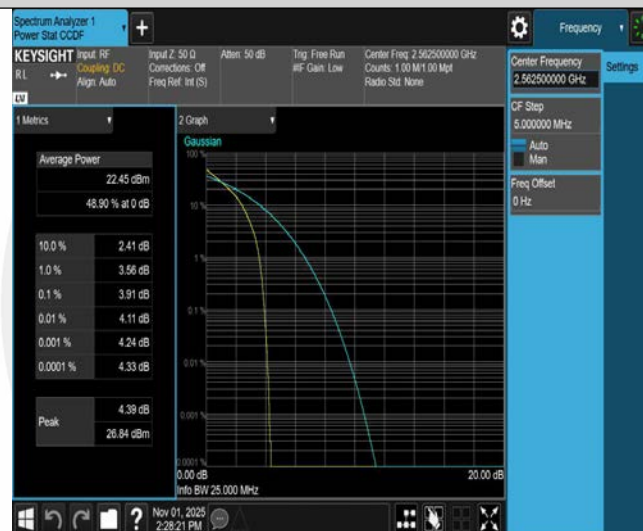
Band7-15MHz-QPSK-21100-1RB#0



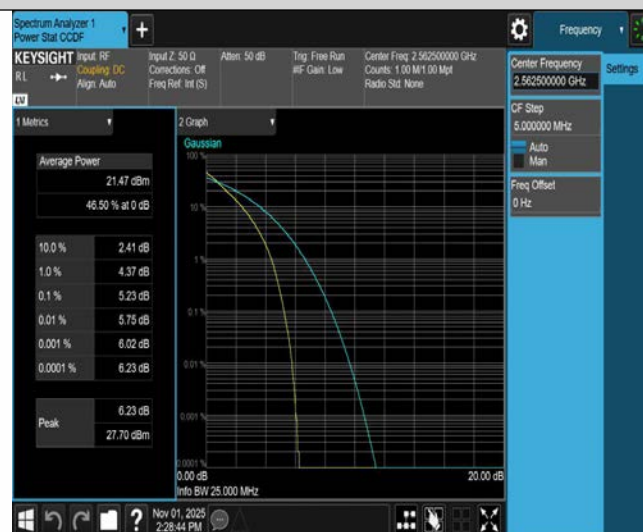
Band7-15MHz-QPSK-21100-75RB#0



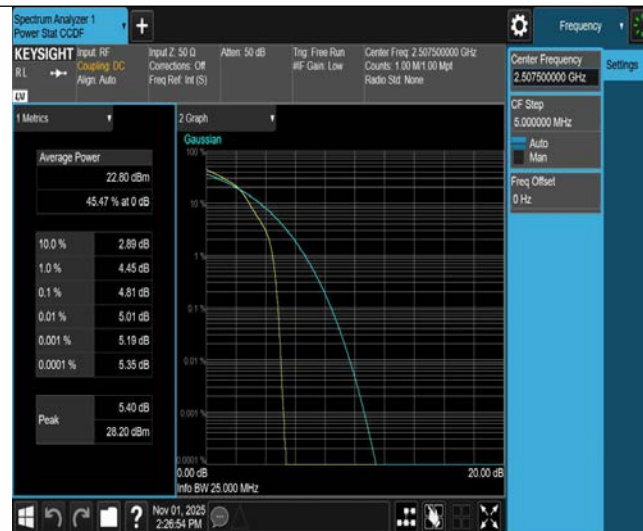
Band7-15MHz-QPSK-21375-1RB#0



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



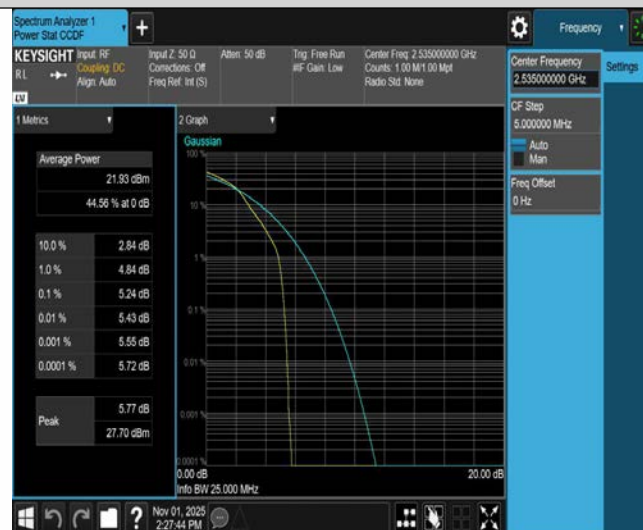
Band7-15MHz-16QAM-20825-1RB#0



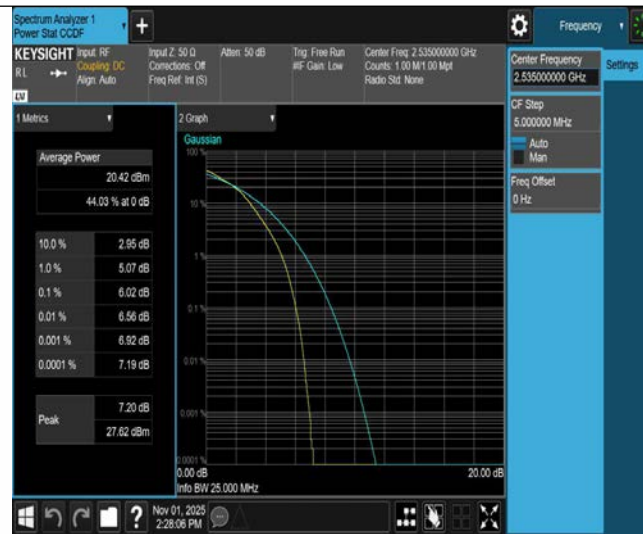
Band7-15MHz-16QAM-20825-75RB#0



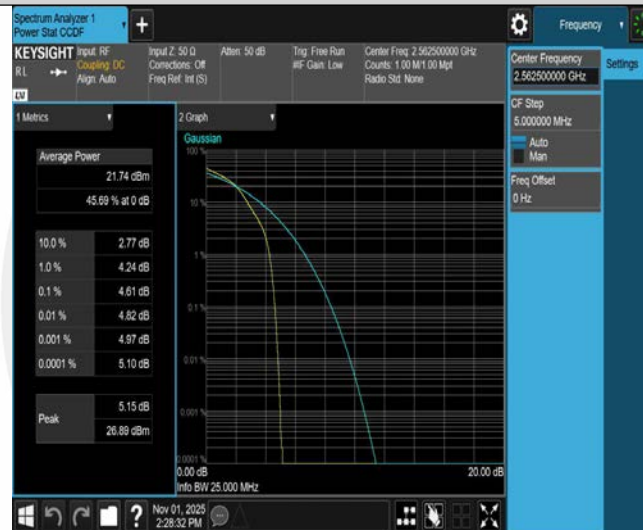
Band7-15MHz-16QAM-21100-1RB#0



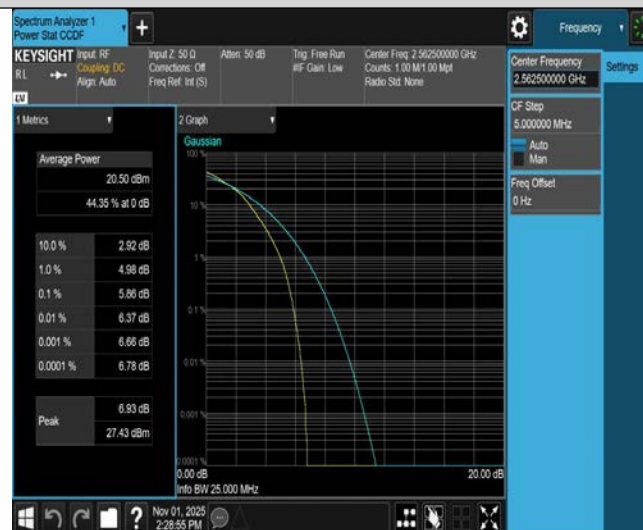
Band7-15MHz-16QAM-21100-75RB#0



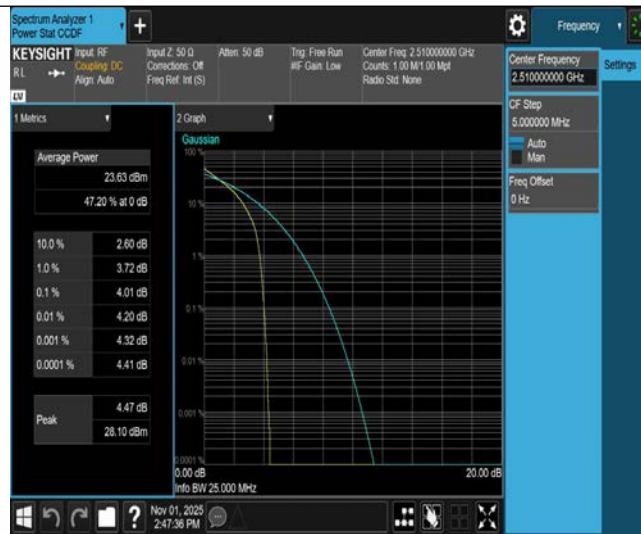
Band7-15MHz-16QAM-21375-1RB#0



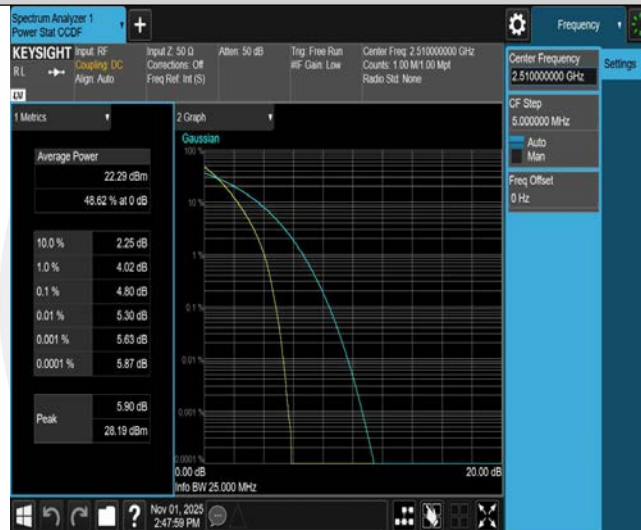
Band7-15MHz-16QAM-21375-75RB#0



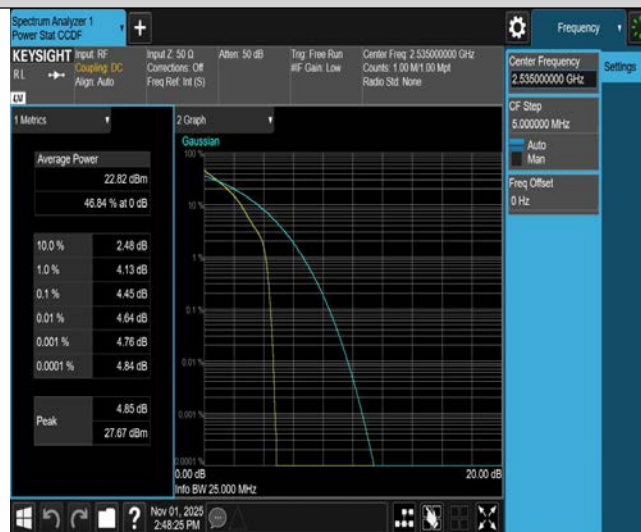
Band7-20MHz-QPSK-20850-1RB#0



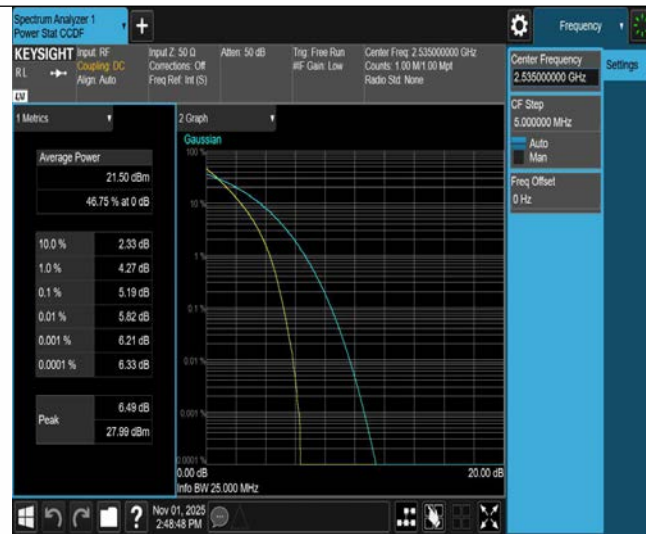
Band7-20MHz-QPSK-20850-100RB#0



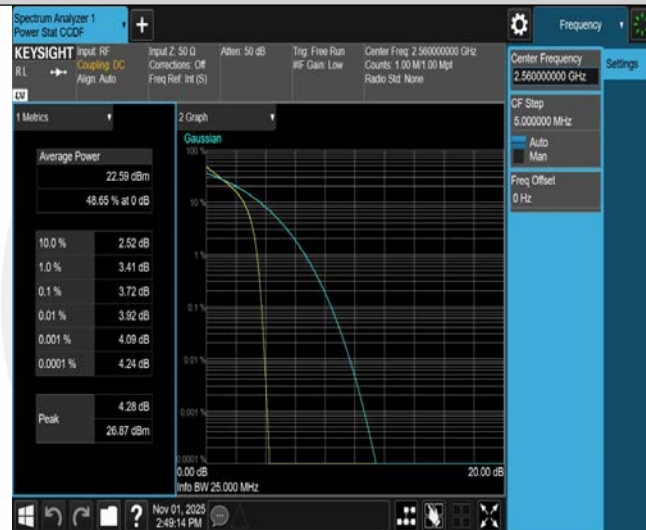
Band7-20MHz-QPSK-21100-1RB#0



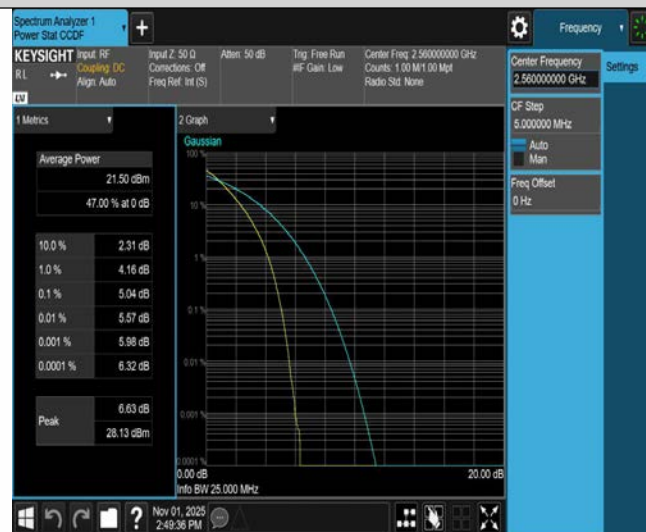
Band7-20MHz-QPSK-21100-100RB#0



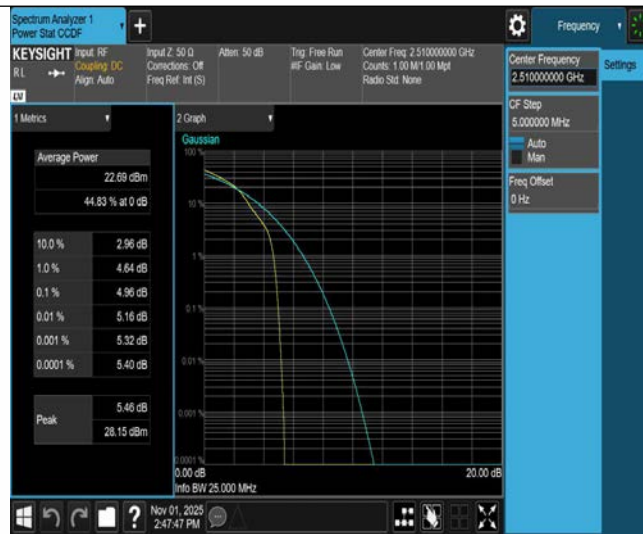
Band7-20MHz-QPSK-21350-1RB#0



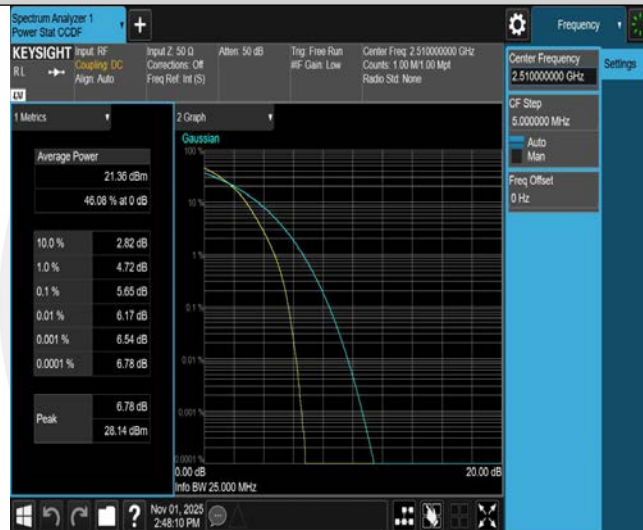
Band7-20MHz-QPSK-21350-100RB#0



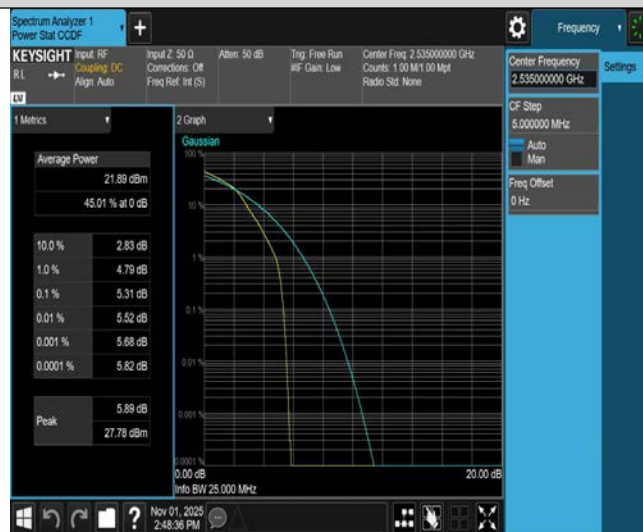
Band7-20MHz-16QAM-20850-1RB#0



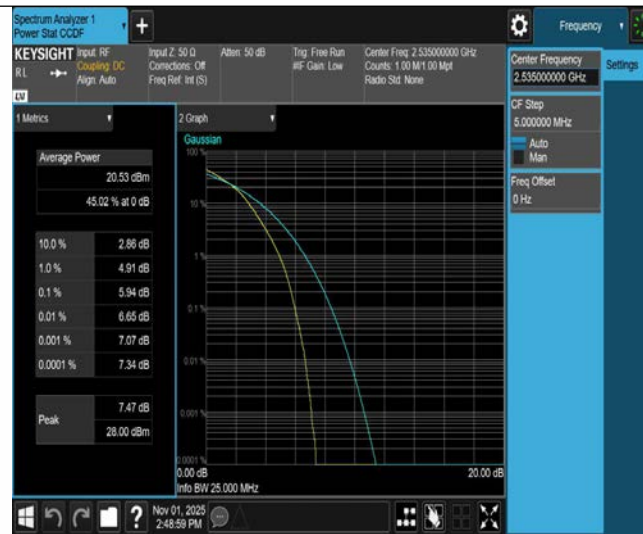
Band7-20MHz-16QAM-20850-100RB#0



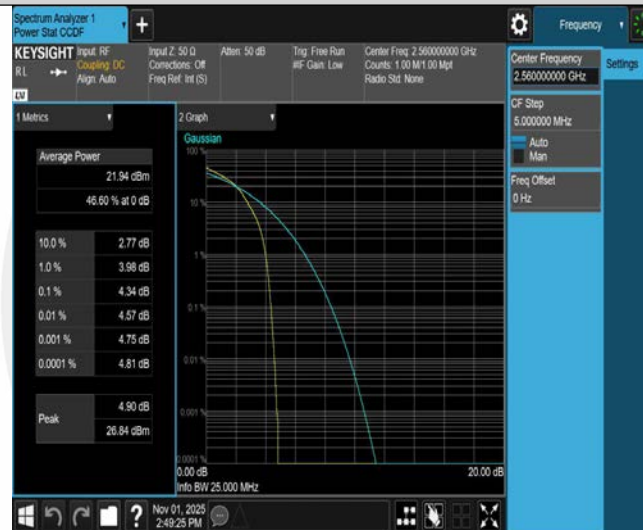
Band7-20MHz-16QAM-21100-1RB#0



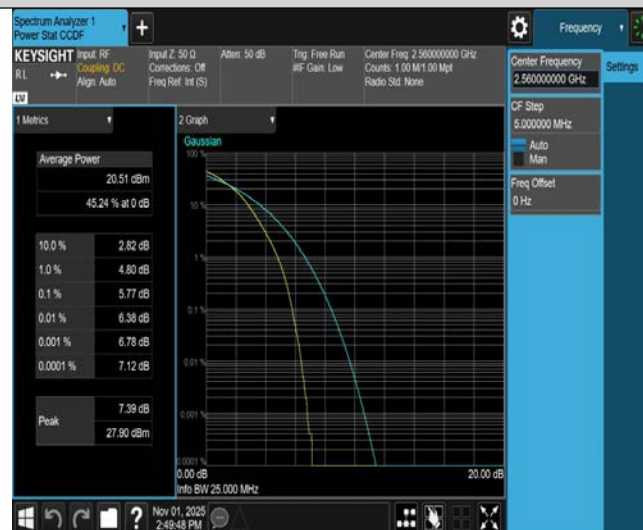
Band7-20MHz-16QAM-21100-100RB#0



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



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



Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

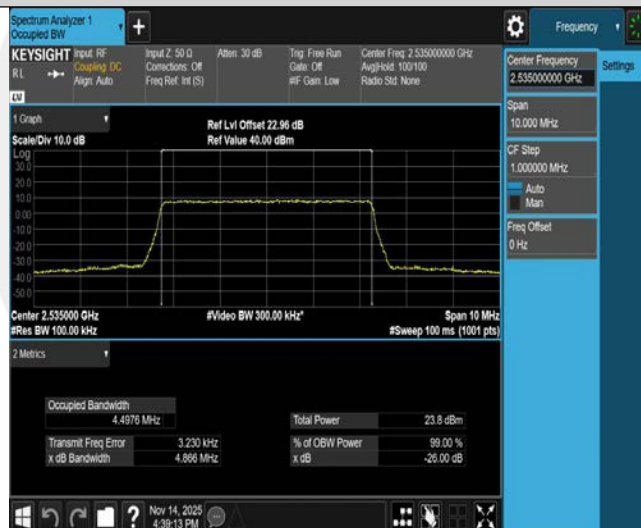
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.4981	4.874	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4976	4.866	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5003	4.877	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5018	4.841	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5010	4.883	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.4982	4.847	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9768	9.564	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9850	9.540	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9813	9.534	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9653	9.541	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9714	9.524	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9753	9.540	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.433	14.26	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.464	14.29	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.464	14.25	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.425	14.25	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.458	14.26	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.454	14.29	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.830	18.91	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.943	19.00	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.916	18.98	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.828	18.93	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.964	18.98	PASS
Band7	20MHz	16QAM	21350	100RB#0	17.925	18.96	PASS

Test Graphs

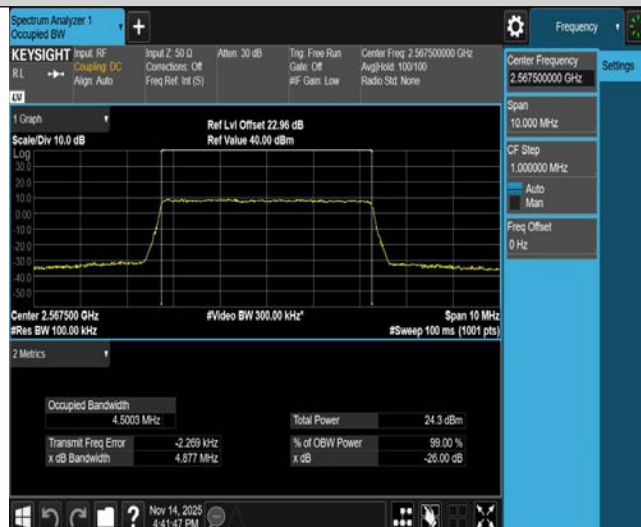
Band7-5MHz-QPSK-20775-25RB#0



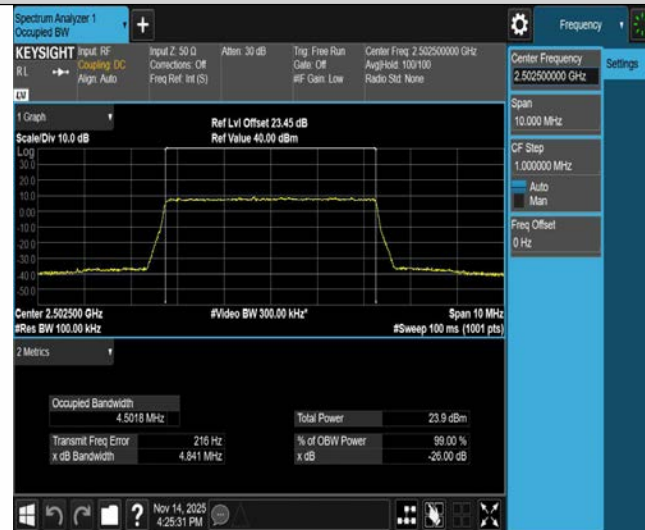
Band7-5MHz-QPSK-21100-25RB#0



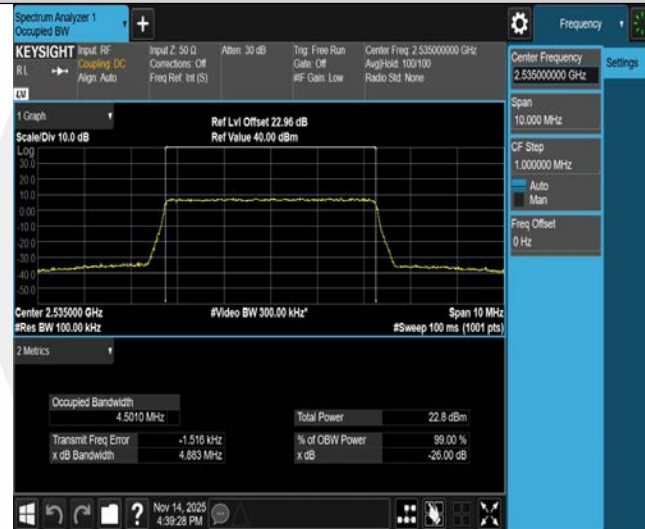
Band7-5MHz-QPSK-21425-25RB#0



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



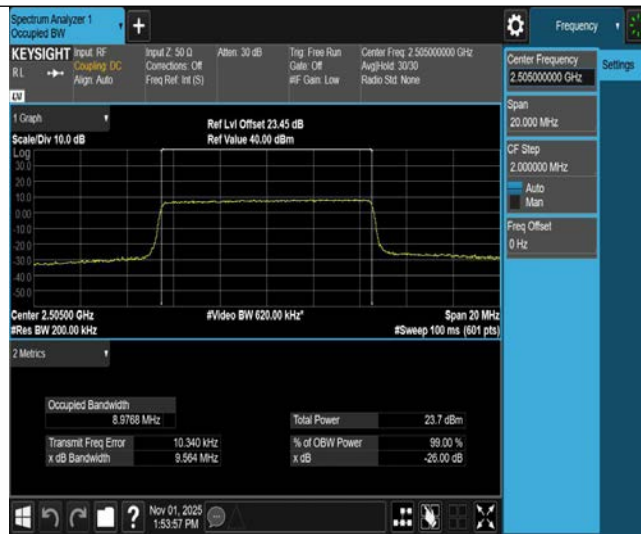
Band7-5MHz-16QAM-21100-25RB#0



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



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



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



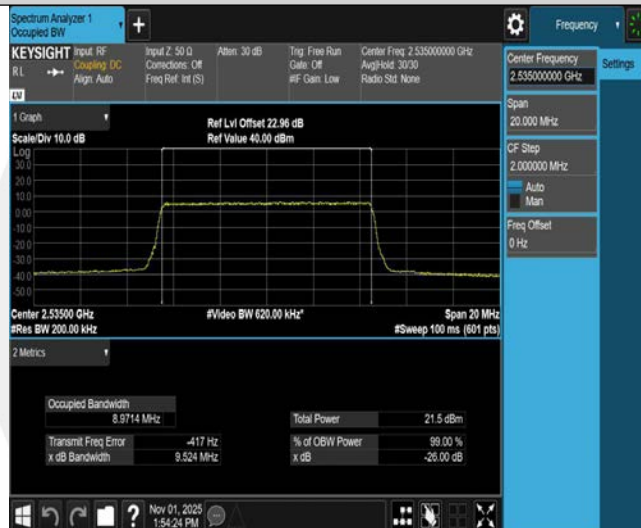
Band7-10MHz-QPSK-21400-50RB#0



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



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



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



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



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



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



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



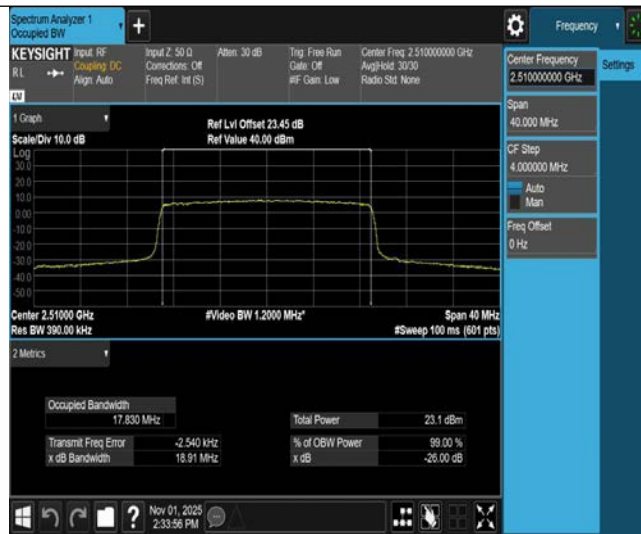
Band7-15MHz-16QAM-21100-75RB#0



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



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



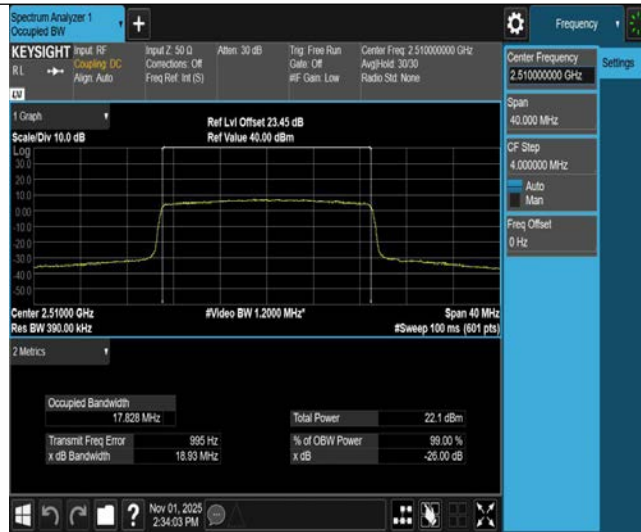
Band7-20MHz-QPSK-21100-100RB#0



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	-46.74,-46.92,-46.98,-45.27	PASS
Band7	5MHz	QPSK	20775	1RB#24	-46.80,-46.87,-46.68,-46.91	PASS
Band7	5MHz	QPSK	20775	25RB#0	-46.80,-46.94,-46.95,-46.93	PASS
Band7	5MHz	QPSK	21425	1RB#0	-47.32,-47.21,-47.22,-47.21	PASS
Band7	5MHz	QPSK	21425	1RB#24	-45.58,-47.32,-47.16,-47.24	PASS
Band7	5MHz	QPSK	21425	25RB#0	-47.48,-47.35,-47.22,-47.27	PASS
Band7	5MHz	16QAM	20775	1RB#0	-46.86,-46.92,-47.01,-45.61	PASS
Band7	5MHz	16QAM	20775	1RB#24	-46.82,-46.95,-46.92,-47.00	PASS
Band7	5MHz	16QAM	20775	25RB#0	-46.86,-46.87,-47.01,-46.92	PASS
Band7	5MHz	16QAM	21425	1RB#0	-47.32,-47.29,-47.43,-47.25	PASS
Band7	5MHz	16QAM	21425	1RB#24	-46.14,-47.26,-47.30,-47.19	PASS
Band7	5MHz	16QAM	21425	25RB#0	-47.32,-47.25,-47.37,-47.25	PASS
Band7	10MHz	QPSK	20800	1RB#0	-44.06,-43.30,-29.64,-23.69	PASS
Band7	10MHz	QPSK	20800	1RB#49	-44.13,-43.91,-43.06,-44.04	PASS
Band7	10MHz	QPSK	20800	50RB#0	-40.13,-33.94,-31.31,-27.87	PASS
Band7	10MHz	QPSK	21400	1RB#0	-44.48,-42.75,-44.47,-44.39	PASS
Band7	10MHz	QPSK	21400	1RB#49	-27.74,-34.56,-44.40,-44.47	PASS
Band7	10MHz	QPSK	21400	50RB#0	-29.65,-33.35,-36.60,-43.51	PASS
Band7	10MHz	16QAM	20800	1RB#0	-43.99,-43.33,-30.97,-25.21	PASS
Band7	10MHz	16QAM	20800	1RB#49	-44.13,-43.88,-43.36,-44.11	PASS
Band7	10MHz	16QAM	20800	50RB#0	-41.35,-36.09,-33.21,-29.87	PASS
Band7	10MHz	16QAM	21400	1RB#0	-44.38,-42.82,-44.37,-44.48	PASS
Band7	10MHz	16QAM	21400	1RB#49	-28.13,-35.09,-44.31,-44.44	PASS
Band7	10MHz	16QAM	21400	50RB#0	-31.71,-34.75,-38.25,-43.26	PASS
Band7	15MHz	QPSK	20825	1RB#0	-42.31,-41.16,-29.43,-22.31	PASS
Band7	15MHz	QPSK	20825	1RB#74	-42.31,-41.51,-42.40,-42.28	PASS
Band7	15MHz	QPSK	20825	75RB#0	-36.42,-33.23,-30.76,-27.83	PASS
Band7	15MHz	QPSK	21375	1RB#0	-42.75,-42.77,-41.59,-42.76	PASS
Band7	15MHz	QPSK	21375	1RB#74	-26.13,-34.75,-38.32,-42.74	PASS
Band7	15MHz	QPSK	21375	75RB#0	-28.73,-31.73,-33.89,-42.16	PASS
Band7	15MHz	16QAM	20825	1RB#0	-42.33,-41.21,-30.60,-24.01	PASS
Band7	15MHz	16QAM	20825	1RB#74	-42.39,-41.40,-42.33,-42.29	PASS

Band7	15MHz	16QAM	20825	75RB#0	-38.78,-35.25,-32.58,-30.33	PASS
Band7	15MHz	16QAM	21375	1RB#0	-42.75,-42.80,-41.34,-42.67	PASS
Band7	15MHz	16QAM	21375	1RB#74	-25.88,-35.31,-38.75,-42.74	PASS
Band7	15MHz	16QAM	21375	75RB#0	-30.61,-32.73,-35.02,-42.24	PASS
Band7	20MHz	QPSK	20850	1RB#0	-40.74,-39.67,-34.77,-25.22	PASS
Band7	20MHz	QPSK	20850	1RB#99	-41.20,-40.48,-41.25,-41.24	PASS
Band7	20MHz	QPSK	20850	100RB#0	-35.61,-33.67,-31.28,-29.15	PASS
Band7	20MHz	QPSK	21350	1RB#0	-41.59,-41.63,-40.65,-41.50	PASS
Band7	20MHz	QPSK	21350	1RB#99	-26.01,-38.83,-38.19,-41.55	PASS
Band7	20MHz	QPSK	21350	100RB#0	-28.81,-30.75,-32.52,-41.45	PASS
Band7	20MHz	16QAM	20850	1RB#0	-40.93,-39.78,-36.02,-24.71	PASS
Band7	20MHz	16QAM	20850	1RB#99	-41.17,-40.48,-41.11,-41.22	PASS
Band7	20MHz	16QAM	20850	100RB#0	-36.61,-35.00,-32.78,-31.00	PASS
Band7	20MHz	16QAM	21350	1RB#0	-41.69,-41.59,-40.69,-41.52	PASS
Band7	20MHz	16QAM	21350	1RB#99	-26.19,-39.12,-38.21,-41.46	PASS
Band7	20MHz	16QAM	21350	100RB#0	-30.41,-31.57,-32.90,-41.44	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-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-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-20850-1RB#99



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



Band7-20MHz-16QAM-21350-1RB#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	-56.63	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:1000~3000MHz	-28.56	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range3:3000~26500MHz	-38.91	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-57.03	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-29.85	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-38.7	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:30~1000MHz	-57.1	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:1000~3000MHz	-30.21	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range3:3000~26500MHz	-38.66	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:30~1000MHz	-56.76	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:1000~3000MHz	-29.95	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range3:3000~26500MHz	-38.15	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-56	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-30	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-38.18	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:30~1000MHz	-56.3	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:1000~	-29.1	PASS

					3000MHz		
Band7	5MHz	16QAM	21425	1RB#0	Range3:3000~26500MHz	-38.83	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:30~1000MHz	-56.65	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:1000~3000MHz	-29.79	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range3:3000~26500MHz	-38.18	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-56.88	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-30	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-38.68	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:30~1000MHz	-57.49	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:1000~3000MHz	-29.92	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range3:3000~26500MHz	-39.16	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:30~1000MHz	-56.15	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:1000~3000MHz	-29.56	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range3:3000~26500MHz	-37.8	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-57.09	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-30.19	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-39.35	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:30~1000MHz	-57.21	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:1000~3000MHz	-29.45	PASS

Band7	10MHz	16QAM	21400	1RB#0	Range3:3000~26500MHz	-39.49	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:30~1000MHz	-55.76	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:1000~3000MHz	-29.41	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range3:3000~26500MHz	-39.16	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-56.89	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-29.85	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-38.22	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:30~1000MHz	-56.72	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:1000~3000MHz	-30.42	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range3:3000~26500MHz	-39.79	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:30~1000MHz	-57.1	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:1000~3000MHz	-29.96	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range3:3000~26500MHz	-38.08	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-57.41	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-28.77	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-39.11	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:30~1000MHz	-56.99	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range2:1000~3000MHz	-29.36	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range3:3000~	-38.66	PASS

					26500MHz		
Band7	20MHz	QPSK	20850	1RB#0	Range1:30~1000MHz	-56.8	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:1000~3000MHz	-30.11	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range3:3000~26500MHz	-39.12	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:30~1000MHz	-57.42	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:1000~3000MHz	-29.67	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range3:3000~26500MHz	-39.65	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:30~1000MHz	-56.96	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:1000~3000MHz	-29.02	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range3:3000~26500MHz	-38.88	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:30~1000MHz	-57.35	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:1000~3000MHz	-29.69	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range3:3000~26500MHz	-38.8	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:30~1000MHz	-57.17	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:1000~3000MHz	-28.52	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range3:3000~26500MHz	-38.93	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:30~1000MHz	-57.51	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:1000~3000MHz	-29.85	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range3:3000~26500MHz	-39.44	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



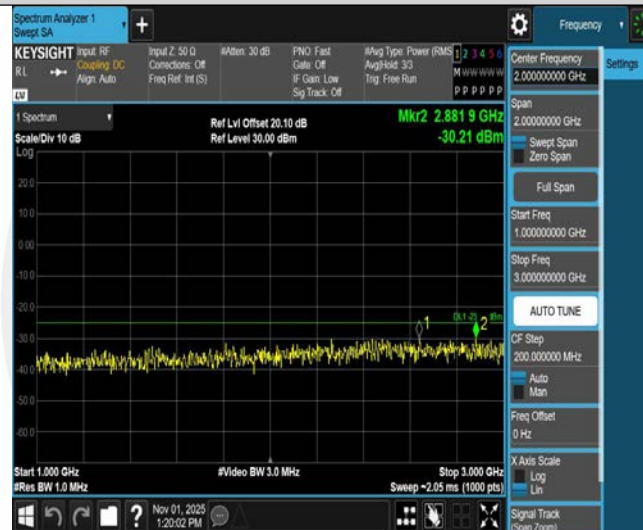
Band7-5MHz-QPSK-21100-1RB#0-Range3:3000~26500MHz



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



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



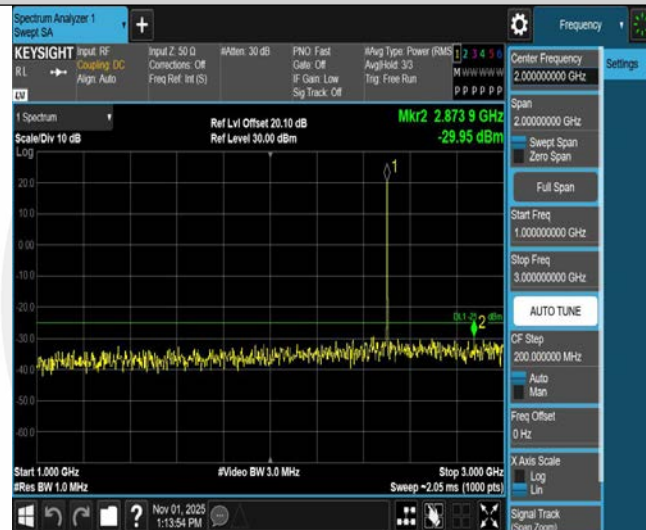
Band7-5MHz-QPSK-21425-1RB#0-Range3:3000~26500MHz



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



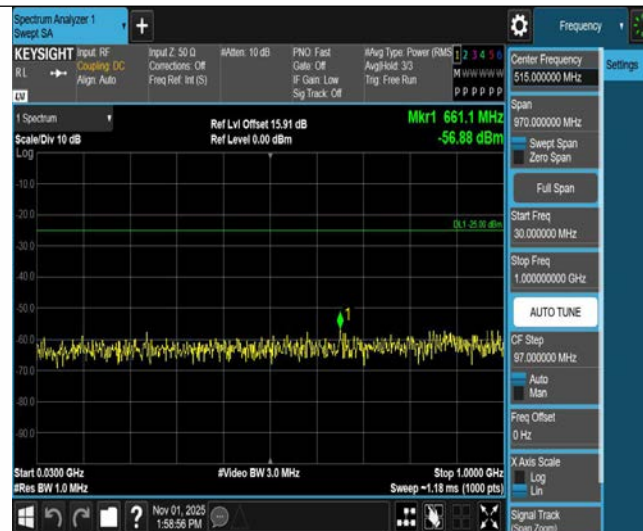
Band7-10MHz-QPSK-20800-1RB#0-Range2:1000~3000MHz



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