

LTE Band 5 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
Band5	1.4MHz	QPSK	20407	1RB#0	22.76	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.77	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.02	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.04	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.02	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.04	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.01	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.32	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.39	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.31	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.33	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.37	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.36	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.39	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.44	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.53	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.42	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.50	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.50	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.51	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.48	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	21.90	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.12	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.20	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.00	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.99	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.96	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.95	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.23	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.30	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.22	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.21	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.19	PASS

Band5	1.4MHz	16QAM	20525	3RB#3	22.20	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	21.41	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.65	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.78	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.61	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.38	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.36	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.29	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.54	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.20	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.14	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.15	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.15	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.19	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.12	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.19	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.42	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.46	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.41	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.52	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.47	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.48	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.44	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.53	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.66	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.51	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.66	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.67	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.64	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.66	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.35	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.32	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.25	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.16	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.19	PASS
Band5	3MHz	16QAM	20415	8RB#7	21.15	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.13	PASS

Band5	3MHz	16QAM	20525	1RB#0	22.26	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.35	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.34	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.54	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.53	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.49	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.44	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.71	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.78	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.72	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.70	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.70	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.68	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.70	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.78	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.18	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.15	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.09	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.08	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.15	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.08	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.26	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.42	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.32	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.33	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.45	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.40	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.40	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.44	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.56	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.44	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.42	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.38	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.47	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.59	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.00	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.34	PASS

Band5	5MHz	16QAM	20425	1RB#24	22.38	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.16	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.16	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.20	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.05	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.46	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.58	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.50	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.45	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.46	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.46	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.38	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.49	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.59	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.51	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.41	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.38	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.56	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.60	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.09	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.12	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.12	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.11	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.07	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.10	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.17	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.24	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.39	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.37	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.46	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.50	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.48	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.44	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.48	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.53	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.50	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.50	PASS

Band5	10MHz	QPSK	20600	25RB#12	22.49	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.59	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.61	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.33	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.30	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.32	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.08	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.10	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.11	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.14	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.48	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.57	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.57	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.48	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.50	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.51	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.47	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.44	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.52	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.51	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.56	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.66	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.60	PASS

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

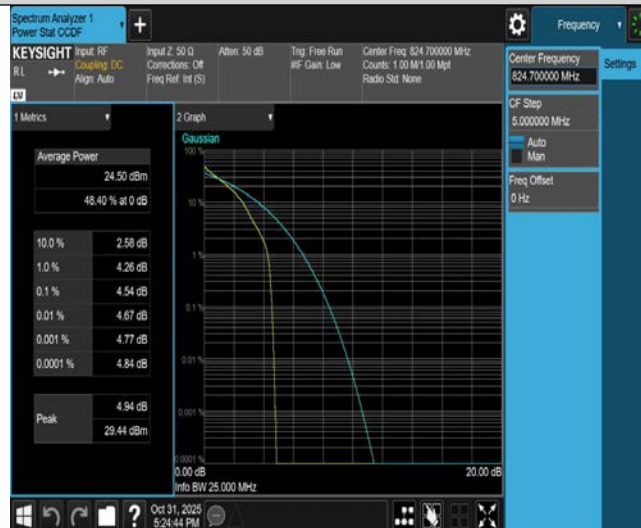
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	4.54	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.16	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.47	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.19	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.00	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.64	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.45	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.95	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.28	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.01	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	4.88	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.59	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.42	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.06	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.43	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.08	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.13	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.70	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.34	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.95	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.19	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.98	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	4.94	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.57	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.43	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.12	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.33	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.07	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.05	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.83	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.16	13	PASS

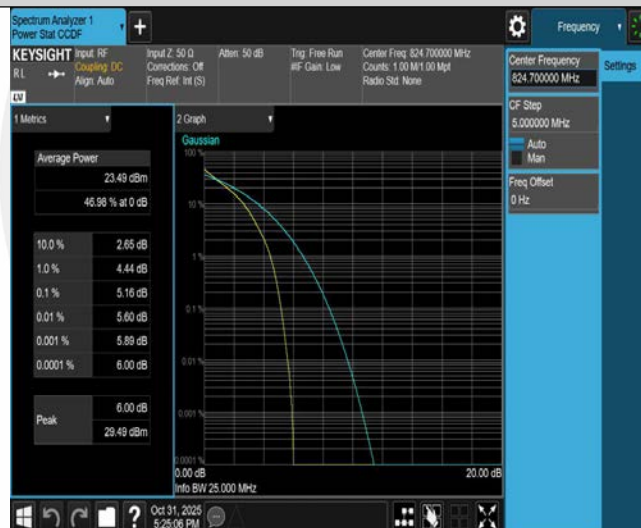
Band5	5MHz	16QAM	20425	25RB#0	5.96	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.26	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.93	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	4.99	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.75	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.34	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.10	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.33	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.08	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.14	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.97	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.30	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.95	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.16	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.90	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	4.95	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.83	13	PASS

Test Graphs

Band5-1.4MHz-QPSK-20407-1RB#0



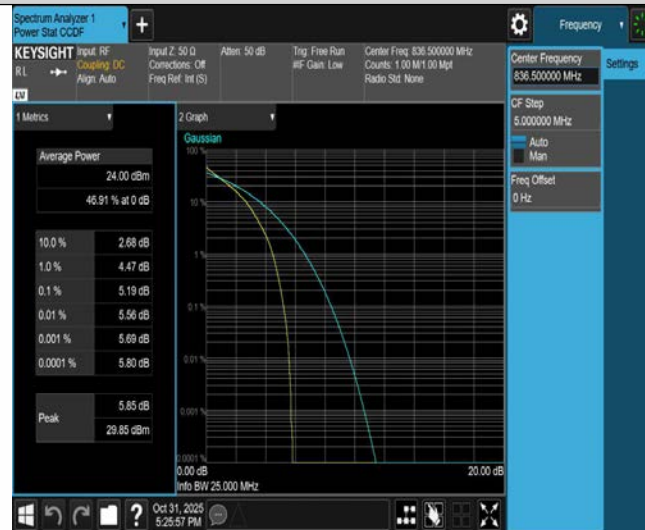
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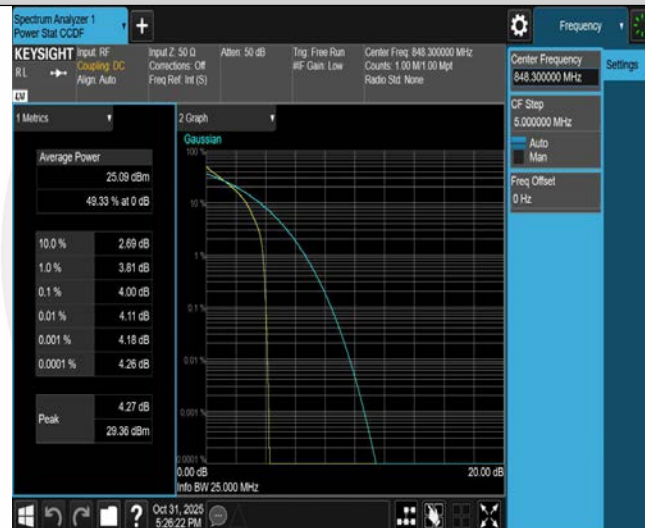
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Band5-1.4MHz-QPSK-20525-6RB#0



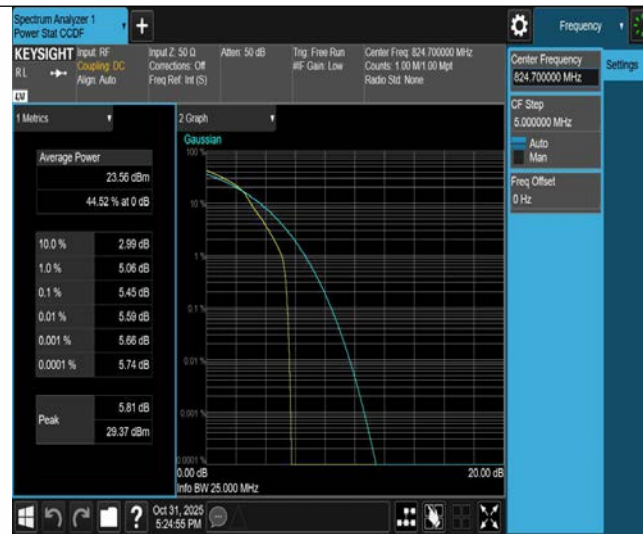
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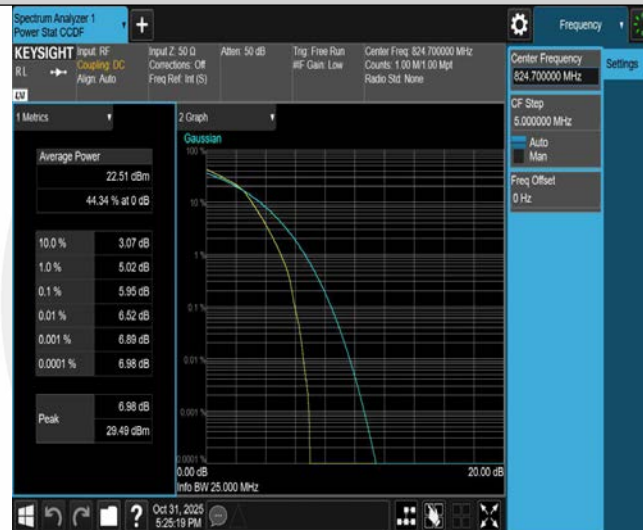
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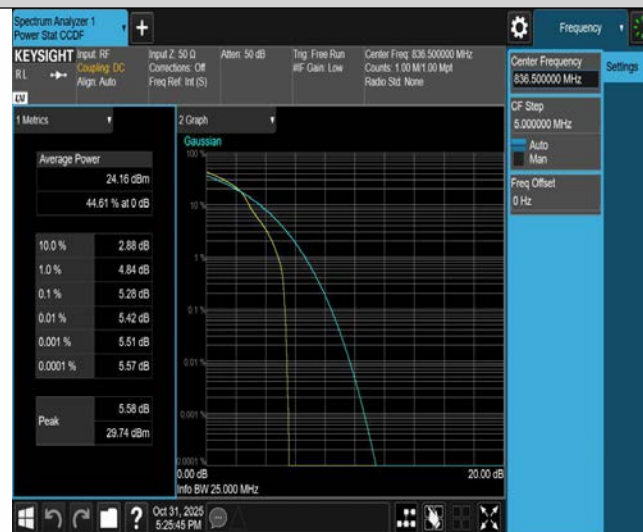
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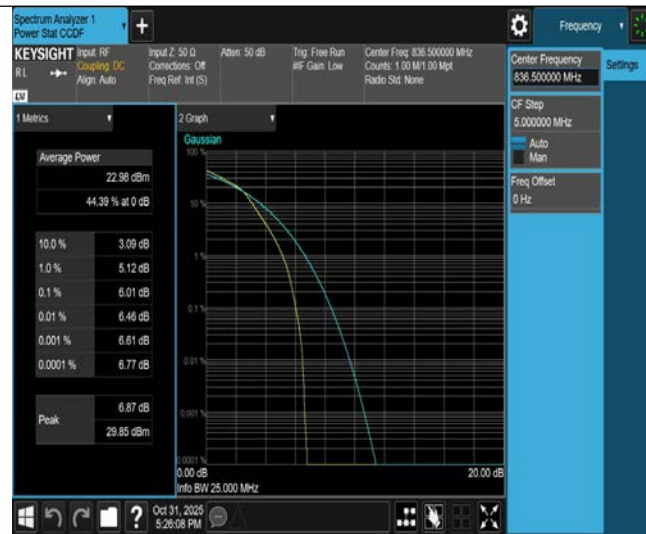
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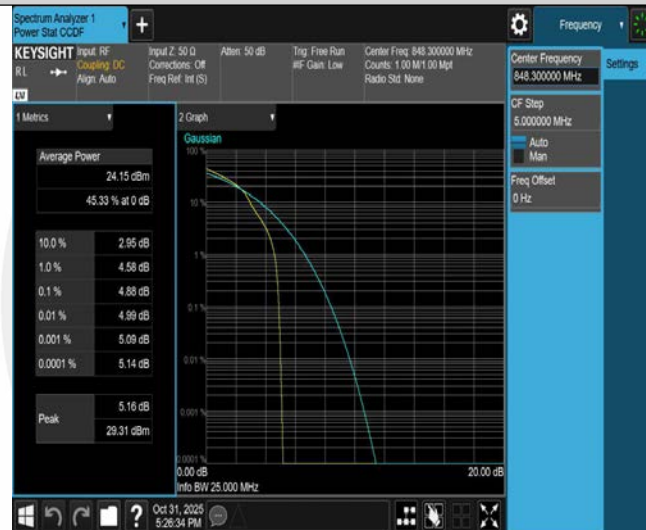
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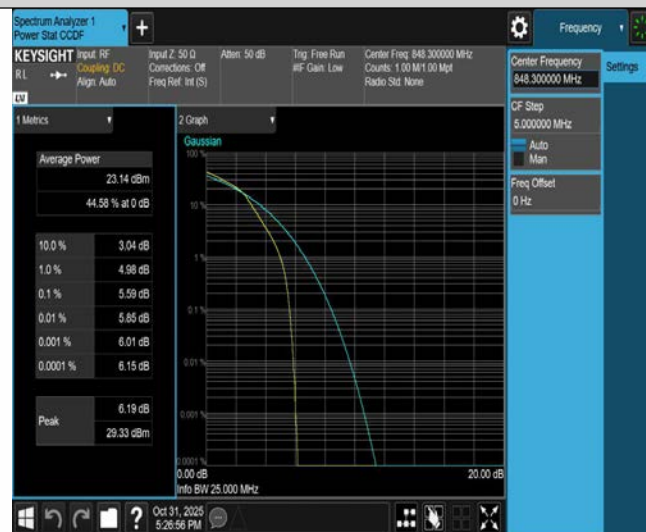
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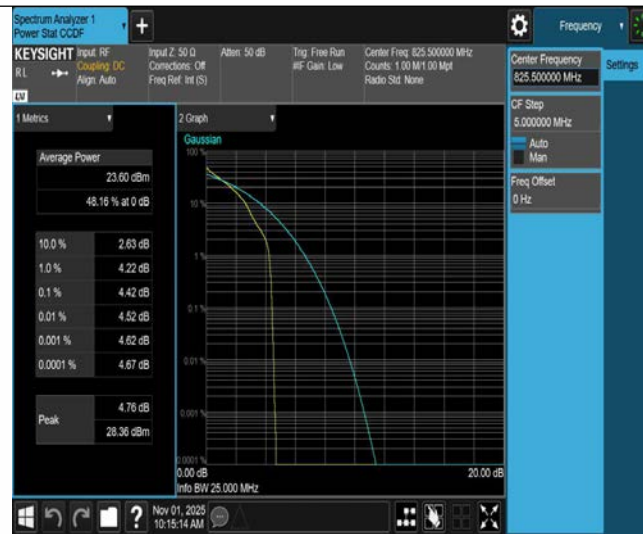
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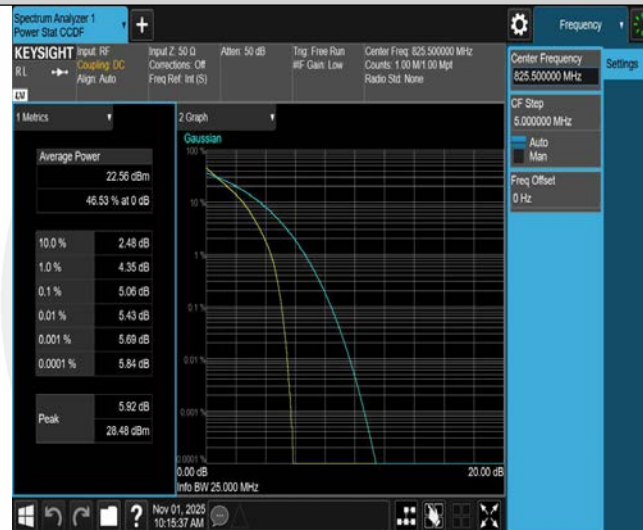
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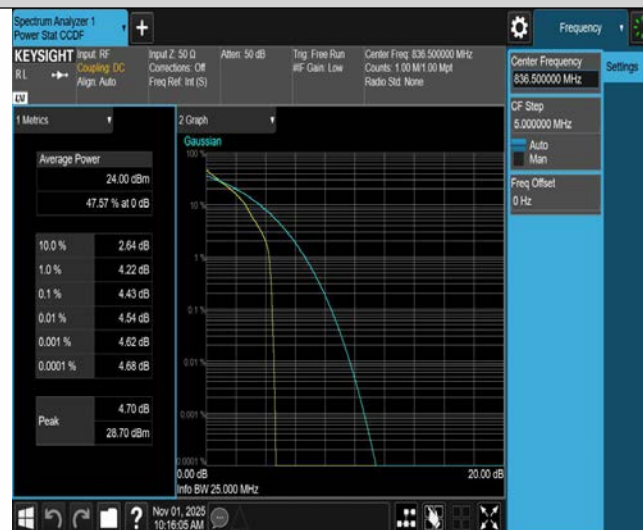
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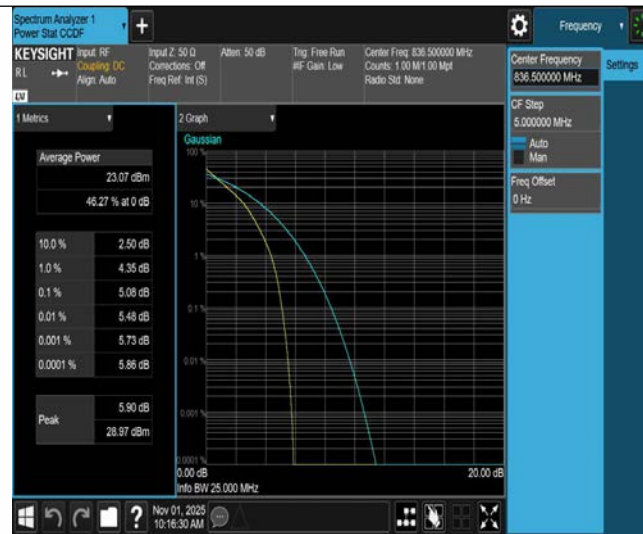
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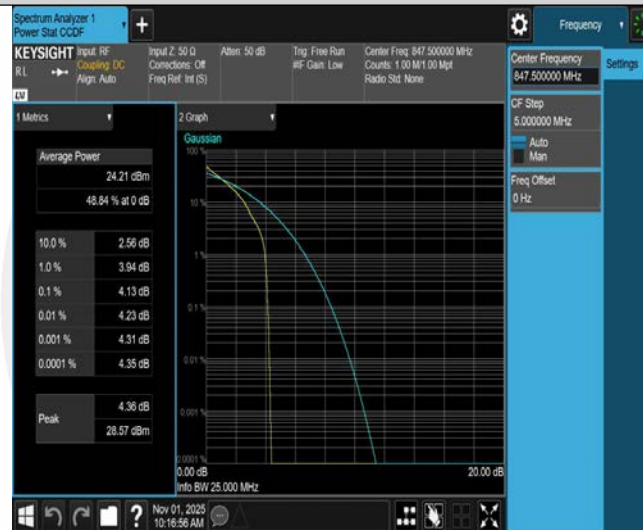
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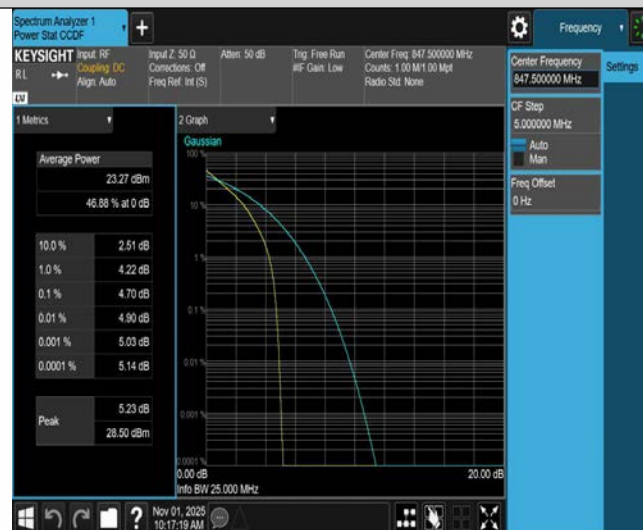
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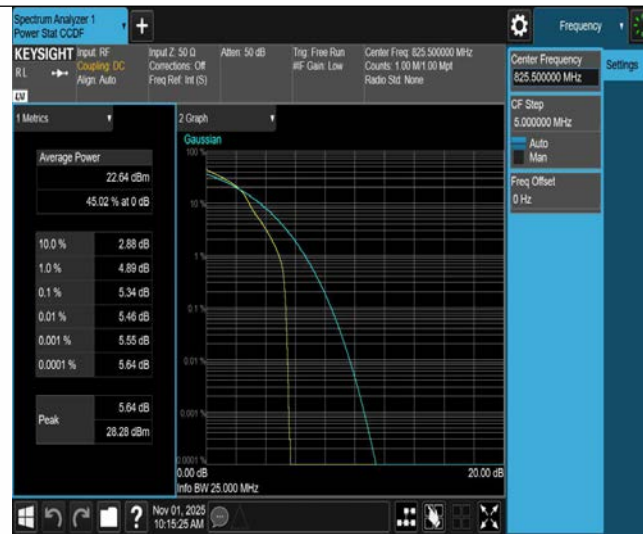
Band5-3MHz-QPSK-20635-1RB#0



Band5-3MHz-QPSK-20635-15RB#0



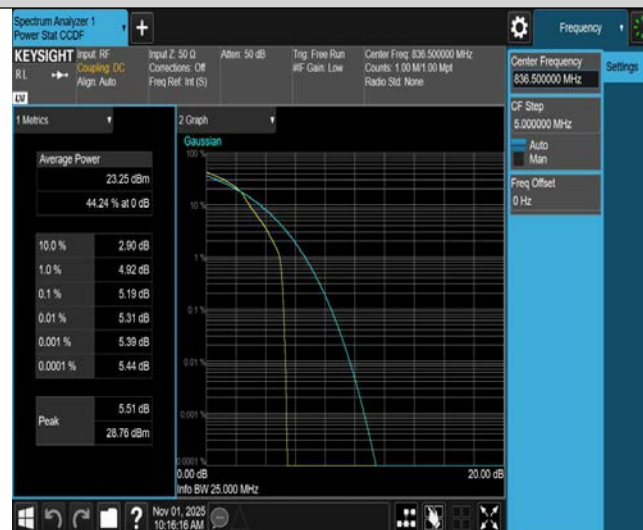
Band5-3MHz-16QAM-20415-1RB#0



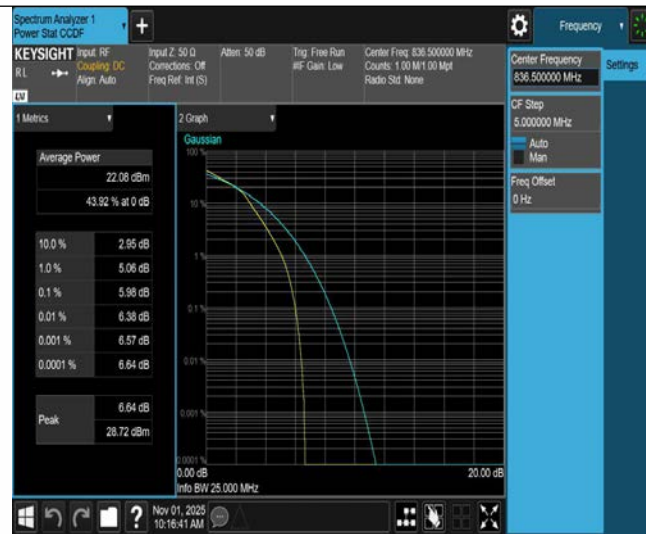
Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20525-1RB#0



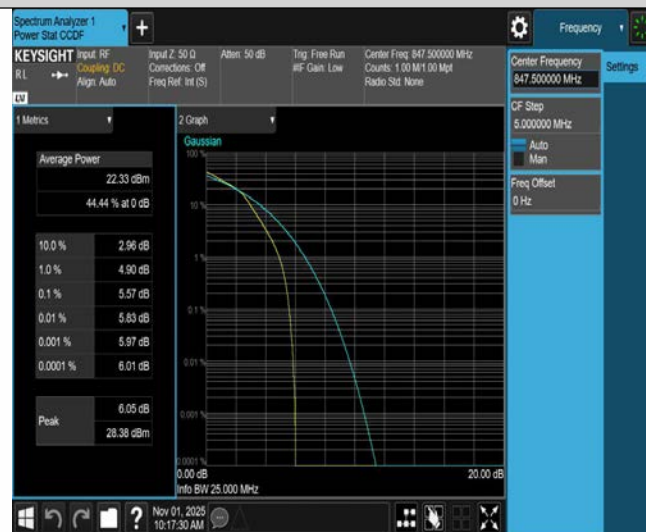
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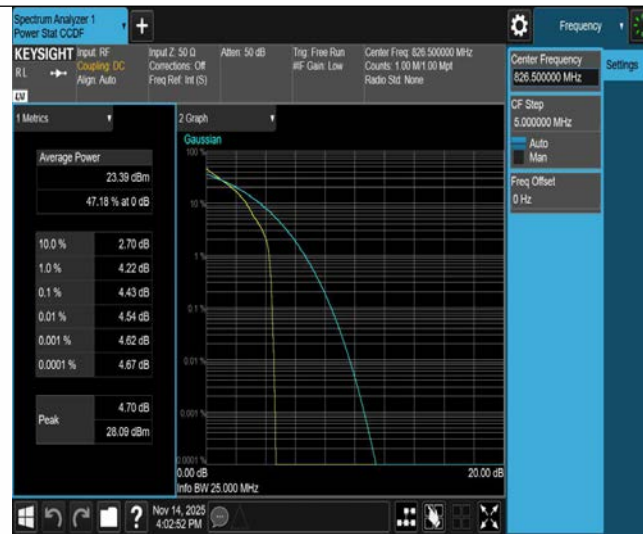
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Band5-3MHz-16QAM-20635-15RB#0



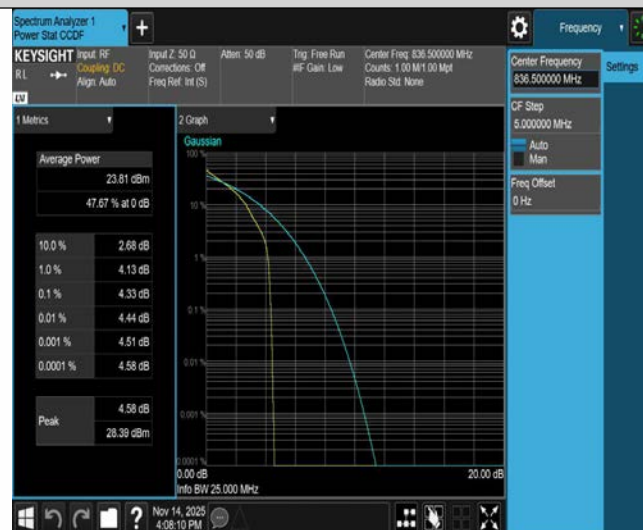
Band5-5MHz-QPSK-20425-1RB#0



Band5-5MHz-QPSK-20425-25RB#0



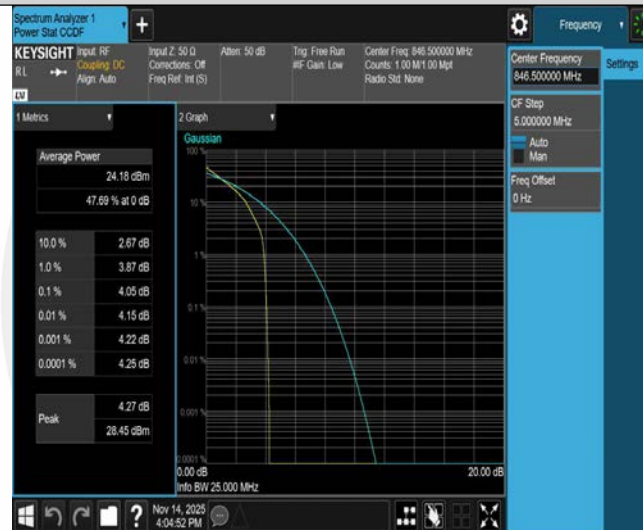
Band5-5MHz-QPSK-20525-1RB#0



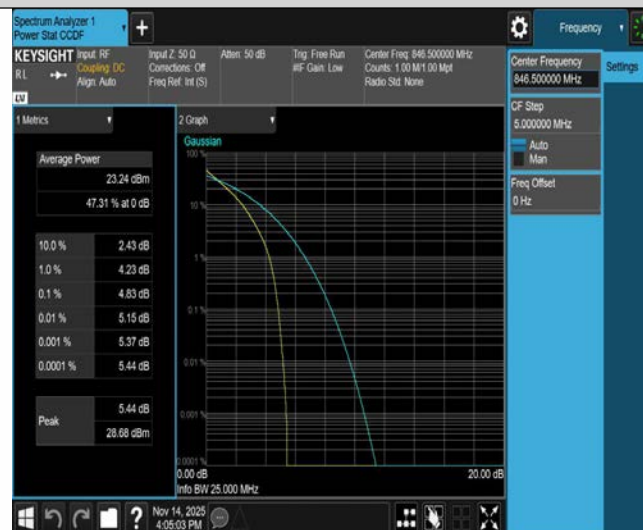
Band5-5MHz-QPSK-20525-25RB#0



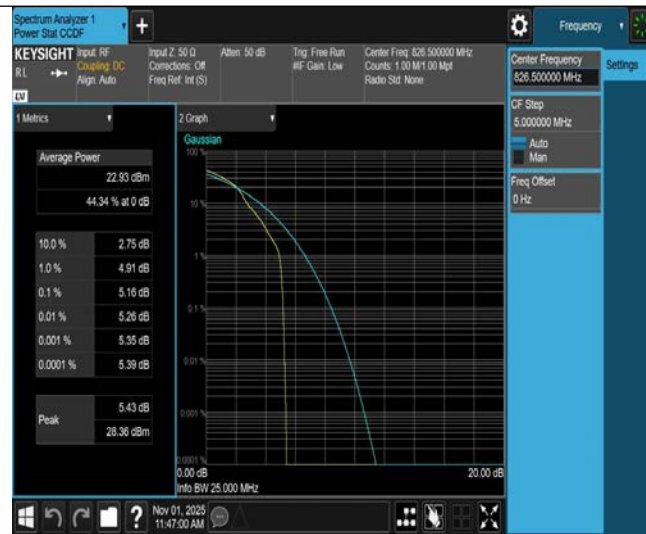
Band5-5MHz-QPSK-20625-1RB#0



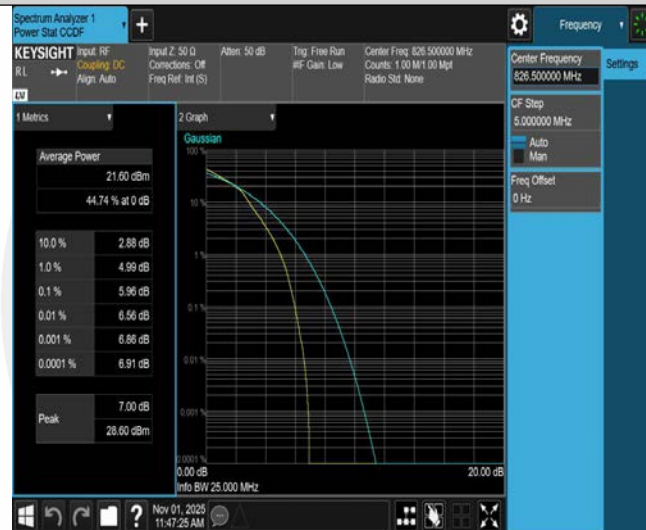
Band5-5MHz-QPSK-20625-25RB#0



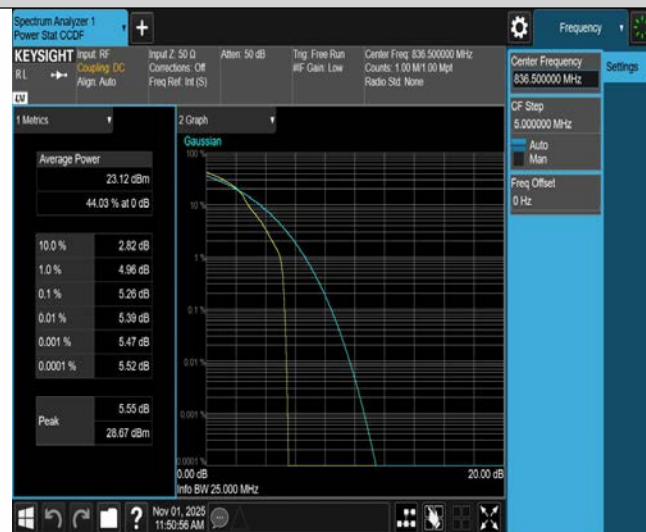
Band5-5MHz-16QAM-20425-1RB#0



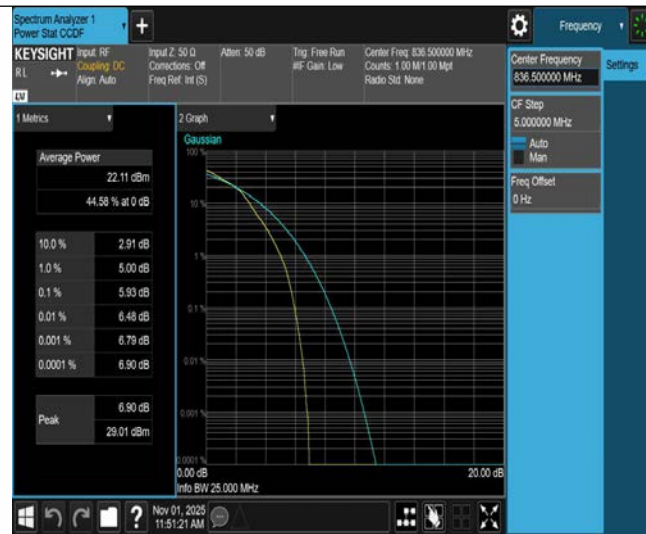
Band5-5MHz-16QAM-20425-25RB#0



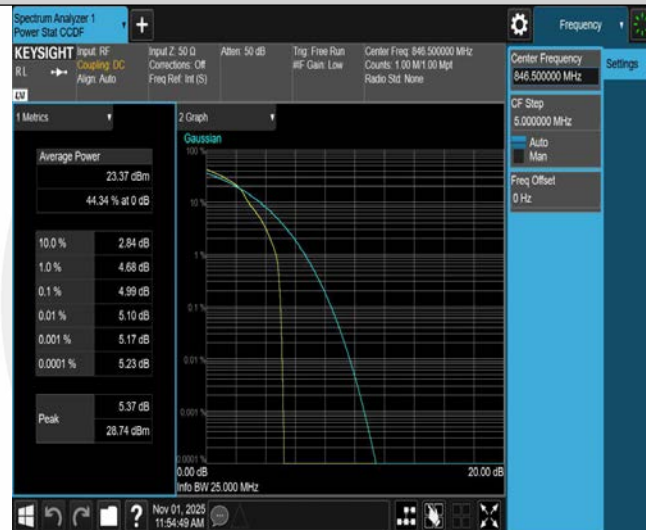
Band5-5MHz-16QAM-20525-1RB#0



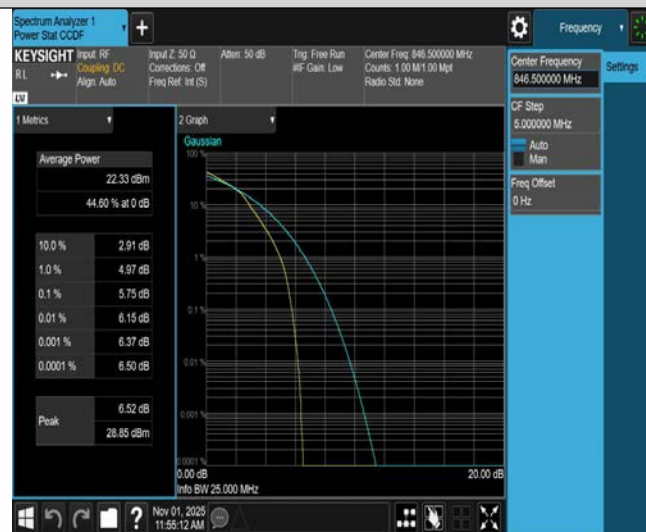
Band5-5MHz-16QAM-20525-25RB#0



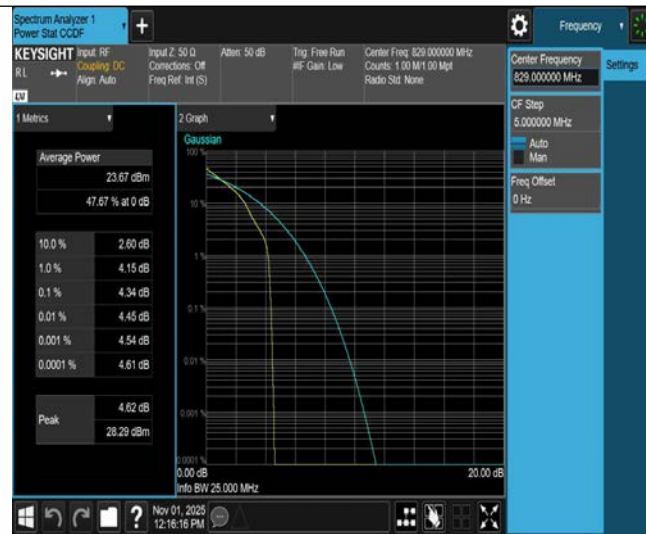
Band5-5MHz-16QAM-20625-1RB#0



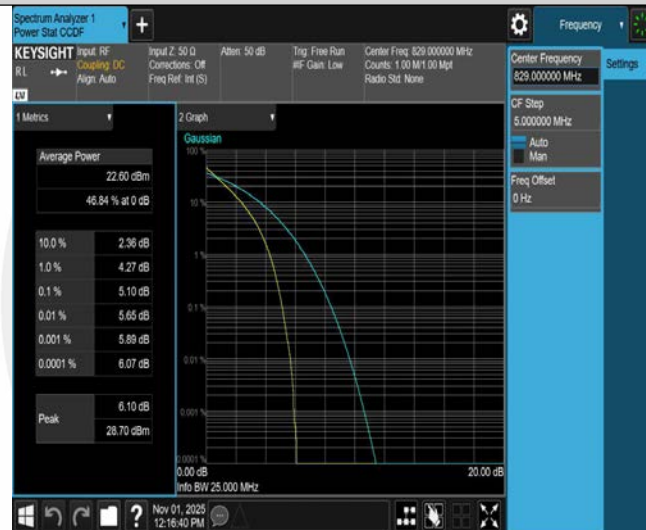
Band5-5MHz-16QAM-20625-25RB#0



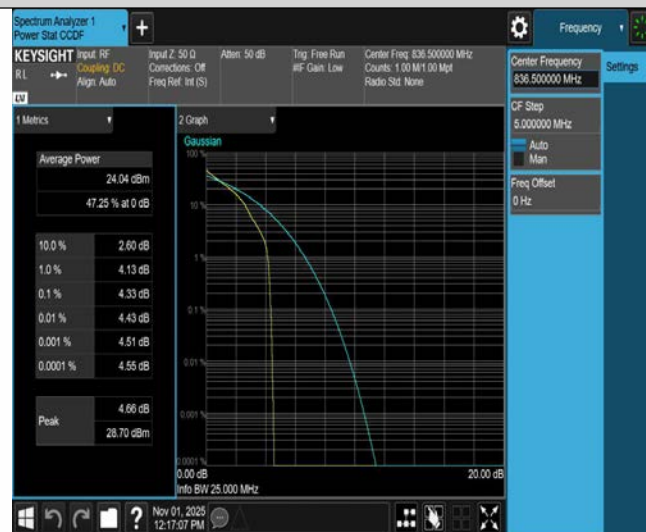
Band5-10MHz-QPSK-20450-1RB#0



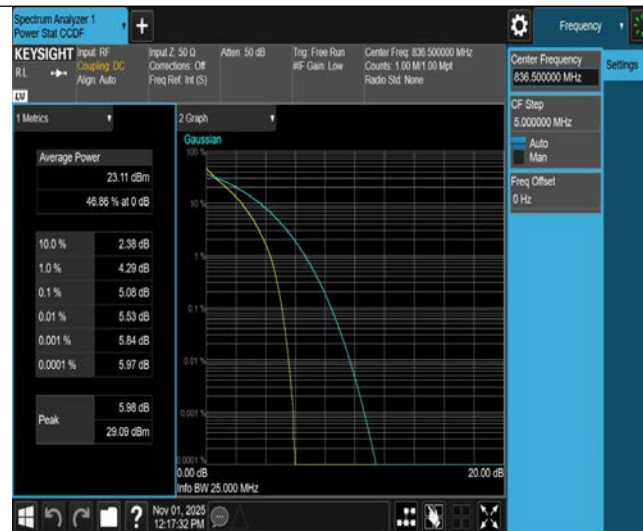
Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20525-1RB#0



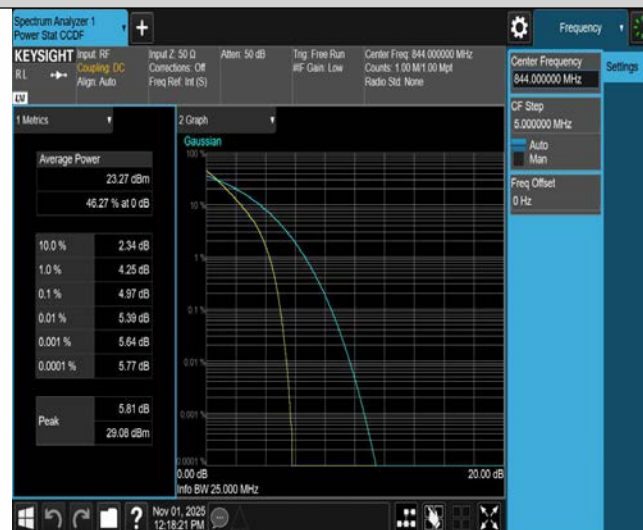
Band5-10MHz-QPSK-20525-50RB#0



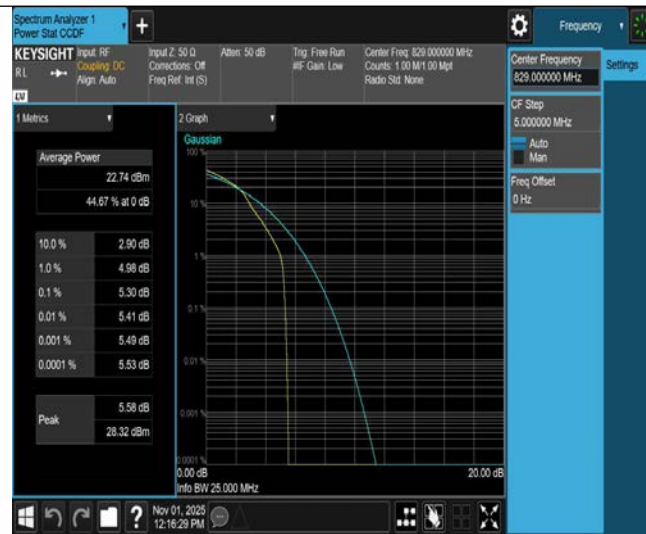
Band5-10MHz-QPSK-20600-1RB#0



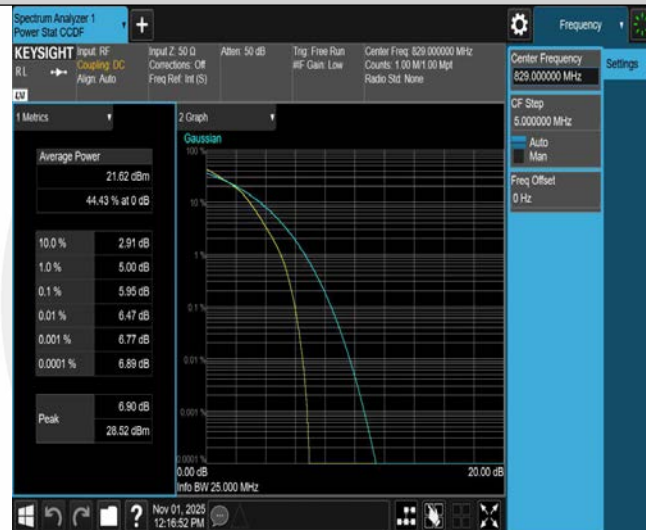
Band5-10MHz-QPSK-20600-50RB#0



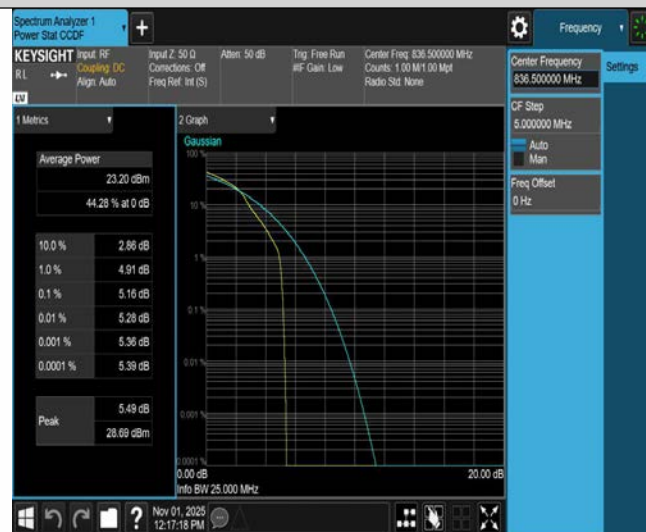
Band5-10MHz-16QAM-20450-1RB#0



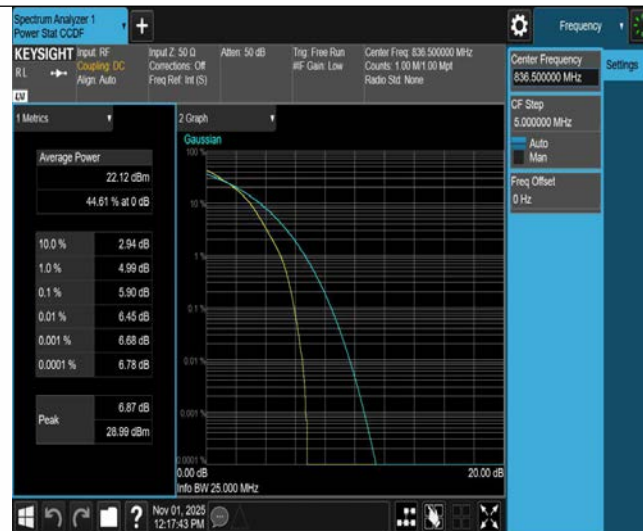
Band5-10MHz-16QAM-20450-50RB#0



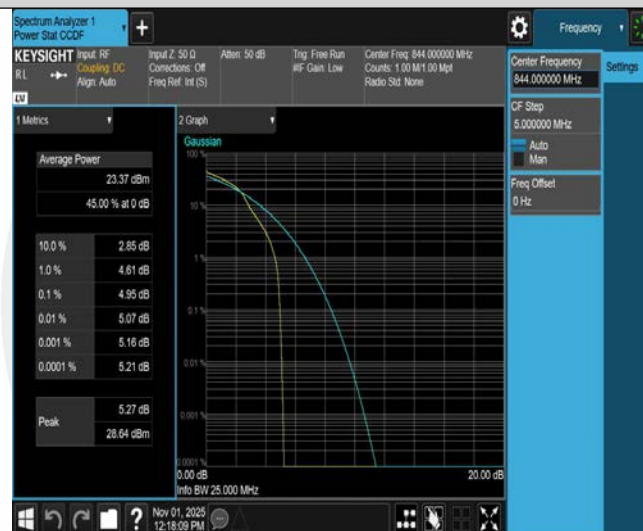
Band5-10MHz-16QAM-20525-1RB#0



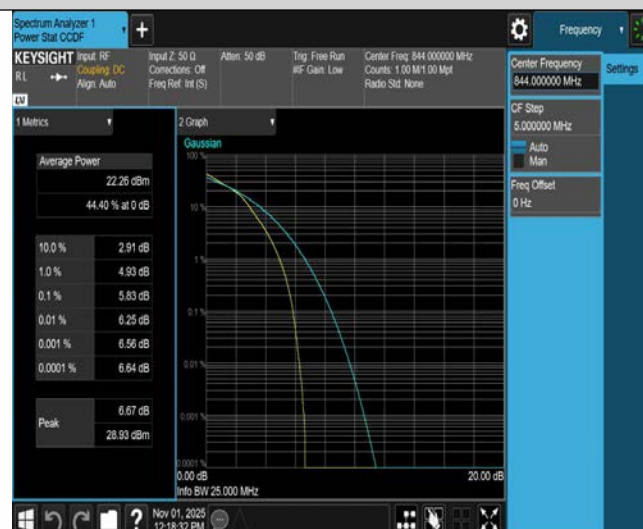
Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-1RB#0



Band5-10MHz-16QAM-20600-50RB#0



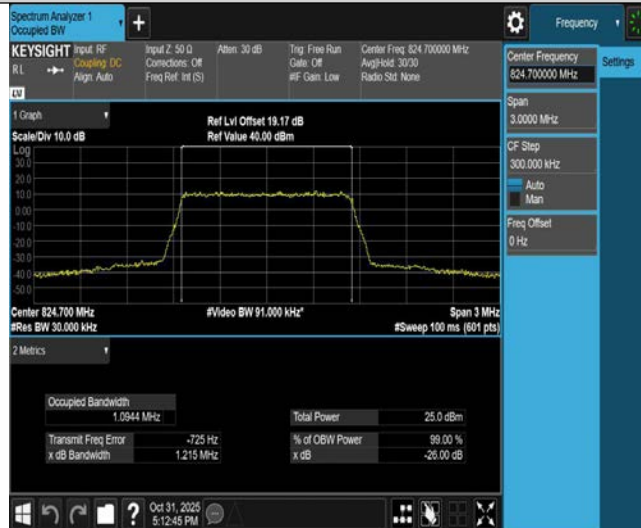
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

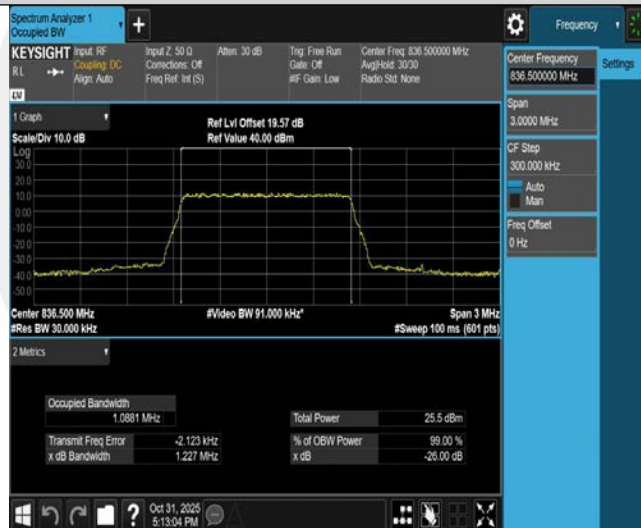
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0944	1.215	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0881	1.227	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0862	1.214	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0863	1.227	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0883	1.210	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0901	1.222	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6896	2.910	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6994	2.935	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6948	2.901	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6905	2.912	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6912	2.911	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6960	2.915	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4961	4.855	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4999	4.884	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4977	4.847	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4954	4.880	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5036	4.841	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5010	4.861	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9816	9.558	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9716	9.526	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9738	9.510	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9676	9.518	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9661	9.518	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9747	9.531	PASS

Test Graphs

Band5-1.4MHz-QPSK-20407-6RB#0



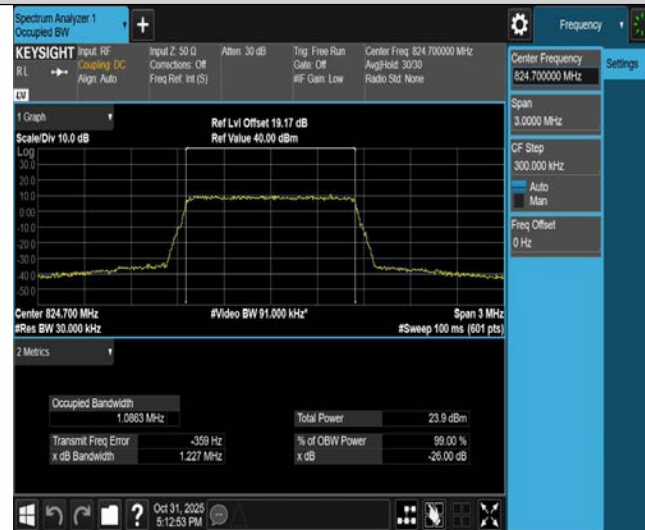
Band5-1.4MHz-QPSK-20525-6RB#0



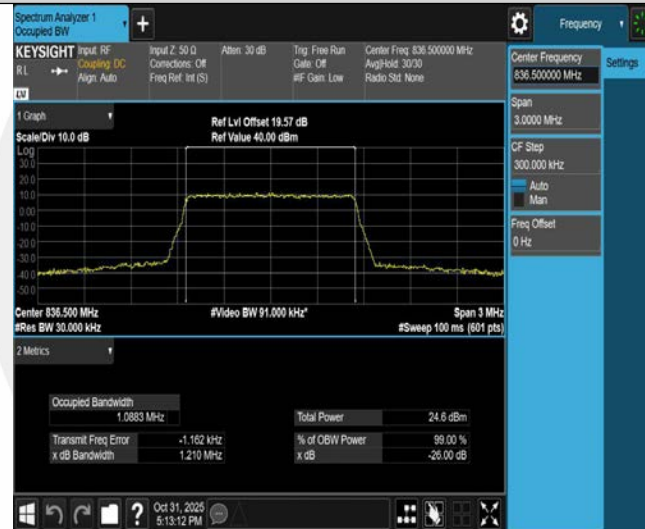
Band5-1.4MHz-QPSK-20643-6RB#0



Band5-1.4MHz-16QAM-20407-6RB#0



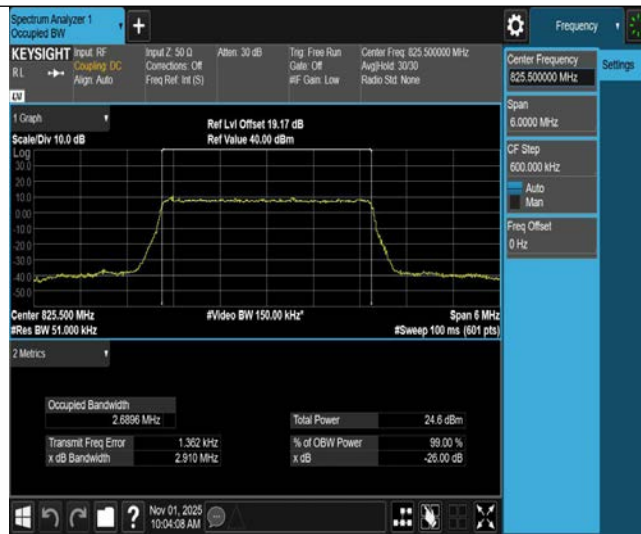
Band5-1.4MHz-16QAM-20525-6RB#0



Band5-1.4MHz-16QAM-20643-6RB#0



Band5-3MHz-QPSK-20415-15RB#0



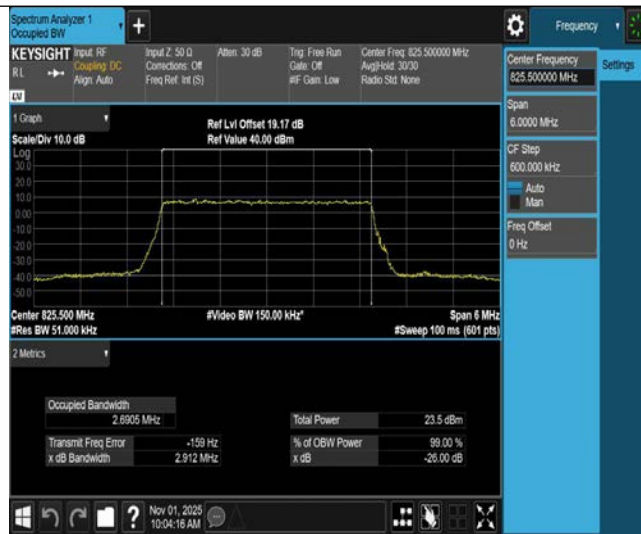
Band5-3MHz-QPSK-20525-15RB#0



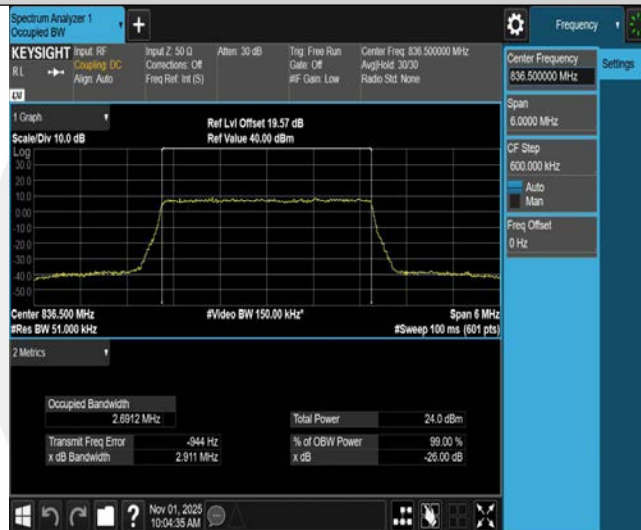
Band5-3MHz-QPSK-20635-15RB#0



Band5-3MHz-16QAM-20415-15RB#0



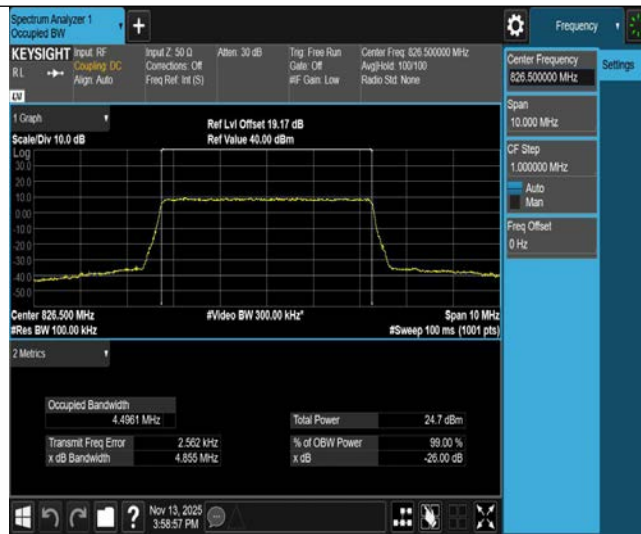
Band5-3MHz-16QAM-20525-15RB#0



Band5-3MHz-16QAM-20635-15RB#0



Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20525-25RB#0



Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-25RB#0



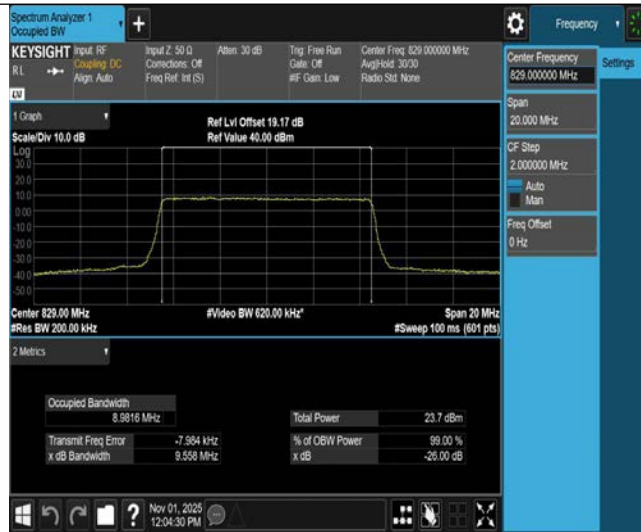
Band5-5MHz-16QAM-20525-25RB#0



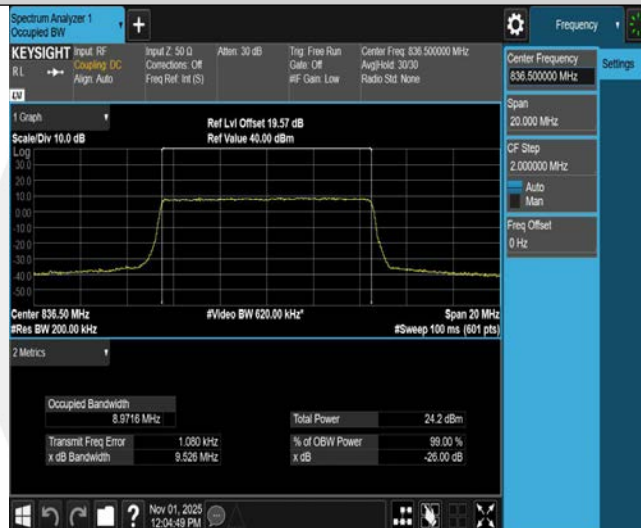
Band5-5MHz-16QAM-20625-25RB#0



Band5-10MHz-QPSK-20450-50RB#0



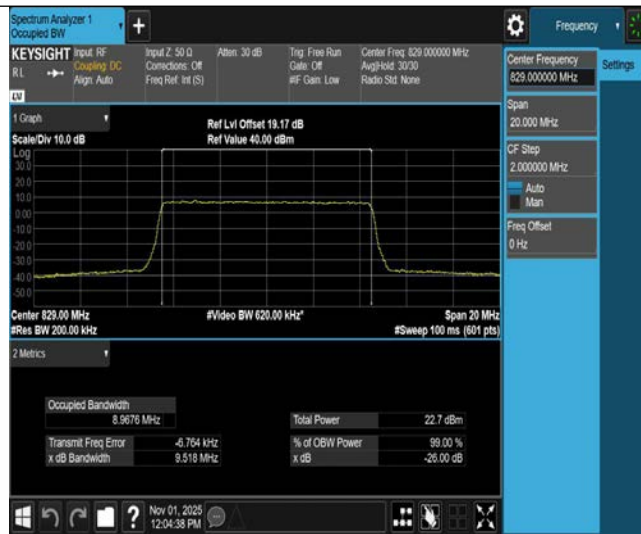
Band5-10MHz-QPSK-20525-50RB#0



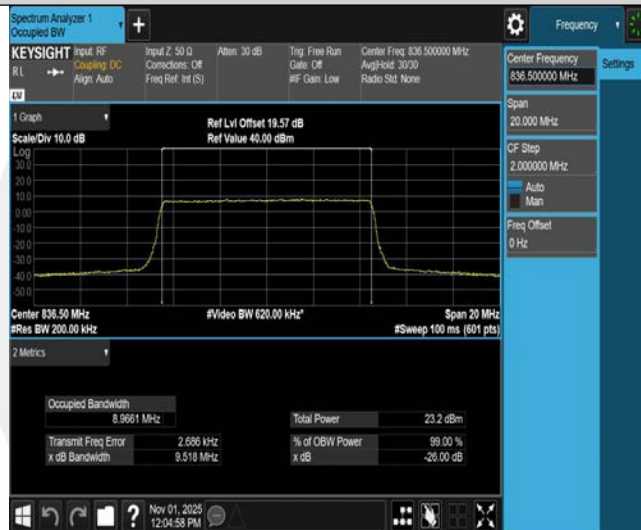
Band5-10MHz-QPSK-20600-50RB#0



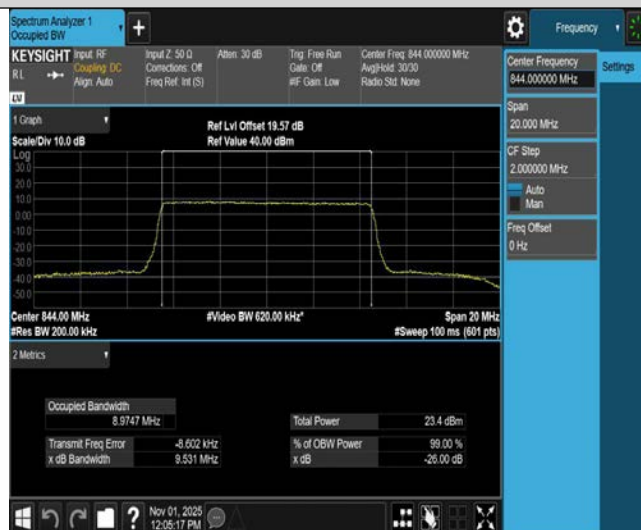
Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-31.24	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-40.26	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-36.21	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-42.75	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-19.26	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-31.75	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-32.38	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-41.48	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-36.70	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-42.99	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-23.02	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-32.28	PASS
Band5	3MHz	QPSK	20415	1RB#0	-17.60	PASS
Band5	3MHz	QPSK	20415	1RB#14	-48.87	PASS
Band5	3MHz	QPSK	20415	15RB#0	-24.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	-47.43	PASS
Band5	3MHz	QPSK	20635	1RB#14	-14.30	PASS
Band5	3MHz	QPSK	20635	15RB#0	-23.95	PASS
Band5	3MHz	16QAM	20415	1RB#0	-18.72	PASS
Band5	3MHz	16QAM	20415	1RB#14	-48.75	PASS
Band5	3MHz	16QAM	20415	15RB#0	-26.02	PASS
Band5	3MHz	16QAM	20635	1RB#0	-48.09	PASS
Band5	3MHz	16QAM	20635	1RB#14	-16.24	PASS
Band5	3MHz	16QAM	20635	15RB#0	-25.79	PASS
Band5	5MHz	QPSK	20425	1RB#0	-18.81	PASS
Band5	5MHz	QPSK	20425	1RB#24	-52.67	PASS
Band5	5MHz	QPSK	20425	25RB#0	-27.21	PASS
Band5	5MHz	QPSK	20625	1RB#0	-51.98	PASS
Band5	5MHz	QPSK	20625	1RB#24	-16.93	PASS
Band5	5MHz	QPSK	20625	25RB#0	-26.36	PASS
Band5	5MHz	16QAM	20425	1RB#0	-19.95	PASS
Band5	5MHz	16QAM	20425	1RB#24	-52.31	PASS

Band5	5MHz	16QAM	20425	25RB#0	-28.34	PASS
Band5	5MHz	16QAM	20625	1RB#0	-51.94	PASS
Band5	5MHz	16QAM	20625	1RB#24	-18.16	PASS
Band5	5MHz	16QAM	20625	25RB#0	-27.06	PASS
Band5	10MHz	QPSK	20450	1RB#0	-26.56	PASS
Band5	10MHz	QPSK	20450	1RB#49	-48.16	PASS
Band5	10MHz	QPSK	20450	50RB#0	-28.85	PASS
Band5	10MHz	QPSK	20600	1RB#0	-49.53	PASS
Band5	10MHz	QPSK	20600	1RB#49	-24.41	PASS
Band5	10MHz	QPSK	20600	50RB#0	-30.40	PASS
Band5	10MHz	16QAM	20450	1RB#0	-27.03	PASS
Band5	10MHz	16QAM	20450	1RB#49	-47.86	PASS
Band5	10MHz	16QAM	20450	50RB#0	-31.20	PASS
Band5	10MHz	16QAM	20600	1RB#0	-49.36	PASS
Band5	10MHz	16QAM	20600	1RB#49	-25.40	PASS
Band5	10MHz	16QAM	20600	50RB#0	-31.70	PASS

Test Graphs

Band5-1.4MHz-QPSK-20407-1RB#0



Band5-1.4MHz-QPSK-20407-1RB#5



Band5-1.4MHz-QPSK-20407-6RB#0



Band5-1.4MHz-QPSK-20643-1RB#0



Band5-1.4MHz-QPSK-20643-1RB#5



Band5-1.4MHz-QPSK-20643-6RB#0



Band5-1.4MHz-16QAM-20407-1RB#0



Band5-1.4MHz-16QAM-20407-1RB#5



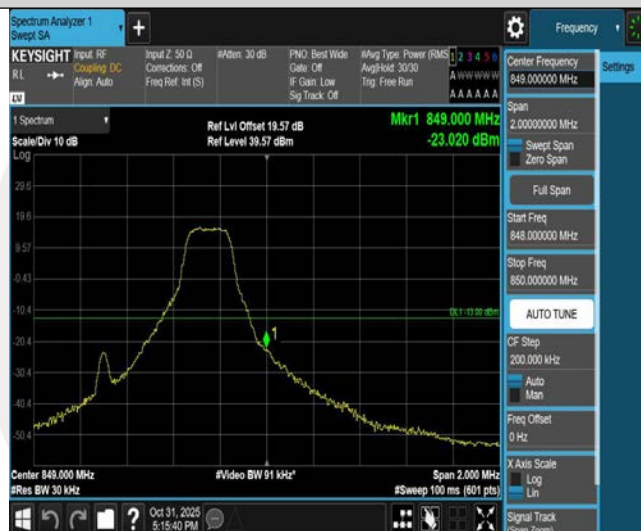
Band5-1.4MHz-16QAM-20407-6RB#0



Band5-1.4MHz-16QAM-20643-1RB#0



Band5-1.4MHz-16QAM-20643-1RB#5



Band5-1.4MHz-16QAM-20643-6RB#0



Band5-3MHz-QPSK-20415-1RB#0



Band5-3MHz-QPSK-20415-1RB#14



Band5-3MHz-QPSK-20415-15RB#0



Band5-3MHz-QPSK-20635-1RB#0



Band5-3MHz-QPSK-20635-1RB#14



Band5-3MHz-QPSK-20635-15RB#0



Band5-3MHz-16QAM-20415-1RB#0



Band5-3MHz-16QAM-20415-1RB#14



Band5-3MHz-16QAM-20415-15RB#0



Band5-3MHz-16QAM-20635-1RB#0



Band5-3MHz-16QAM-20635-1RB#14



Band5-3MHz-16QAM-20635-15RB#0



Band5-5MHz-QPSK-20425-1RB#0



Band5-5MHz-QPSK-20425-1RB#24



Band5-5MHz-QPSK-20425-25RB#0



Band5-5MHz-QPSK-20625-1RB#0



Band5-5MHz-QPSK-20625-1RB#24



Band5-5MHz-QPSK-20625-25RB#0



Band5-5MHz-16QAM-20425-1RB#0



Band5-5MHz-16QAM-20425-1RB#24



Band5-5MHz-16QAM-20425-25RB#0



Band5-5MHz-16QAM-20625-1RB#0



Band5-5MHz-16QAM-20625-1RB#24



Band5-5MHz-16QAM-20625-25RB#0



Band5-10MHz-QPSK-20450-1RB#0



Band5-10MHz-QPSK-20450-1RB#49



Band5-10MHz-QPSK-20450-50RB#0



Band5-10MHz-QPSK-20600-1RB#0



Band5-10MHz-QPSK-20600-1RB#49



Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-1RB#0



Band5-10MHz-16QAM-20450-1RB#49



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20600-1RB#0



Band5-10MHz-16QAM-20600-1RB#49



Band5-10MHz-16QAM-20600-50RB#0



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:30~1000MHz	-35.43	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:1000~10000MHz	-25.96	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-35.73	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-26.28	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:30~1000MHz	-36.44	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:1000~10000MHz	-24.28	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:30~1000MHz	-36.13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:1000~10000MHz	-26.4	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-34.79	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-26.09	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:30~1000MHz	-36.42	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:1000~10000MHz	-27.01	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:30~1000MHz	-36.44	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:1000~10000MHz	-25.52	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-35.34	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-25.5	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:30~1000MHz	-35.36	PASS

					00MHz		
Band5	3MHz	QPSK	20635	1RB#0	Range2:1000~10000MHz	-25.74	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:30~1000MHz	-35.82	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:1000~10000MHz	-26.87	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-35.39	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-25.5	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:30~1000MHz	-34.62	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:1000~10000MHz	-26.18	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:30~1000MHz	-36.24	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:1000~10000MHz	-26.58	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-35.97	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-26.84	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:30~1000MHz	-36.13	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:1000~10000MHz	-25.5	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:30~1000MHz	-35.42	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:1000~10000MHz	-24.24	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-36.79	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-25.4	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:30~1000MHz	-34.77	PASS

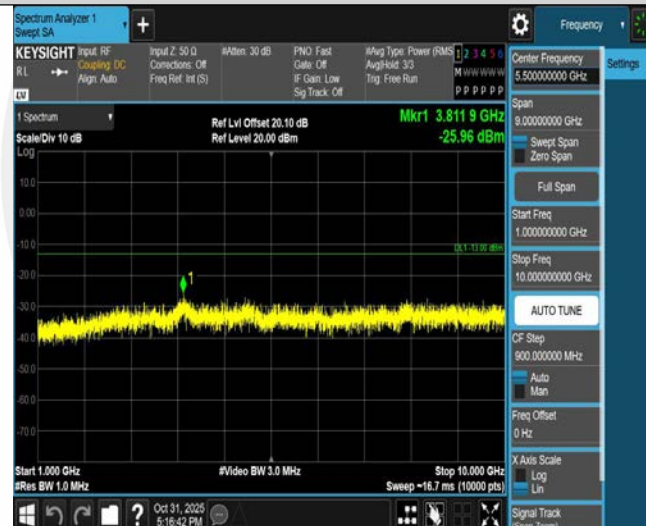
Band5	5MHz	16QAM	20625	1RB#0	Range2:1000~10000MHz	-26	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:30~1000MHz	-36.6	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:1000~10000MHz	-26.75	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:30~1000MHz	-35.43	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:1000~10000MHz	-26.66	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:30~1000MHz	-36.33	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:1000~10000MHz	-26.33	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:30~1000MHz	-36.14	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:1000~10000MHz	-26.55	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:30~1000MHz	-36.39	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:1000~10000MHz	-26.31	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:30~1000MHz	-35.37	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:1000~10000MHz	-25.41	PASS

Test Graphs

Band5-1.4MHz-QPSK-20407-1RB#0-Range1:30~1000MHz



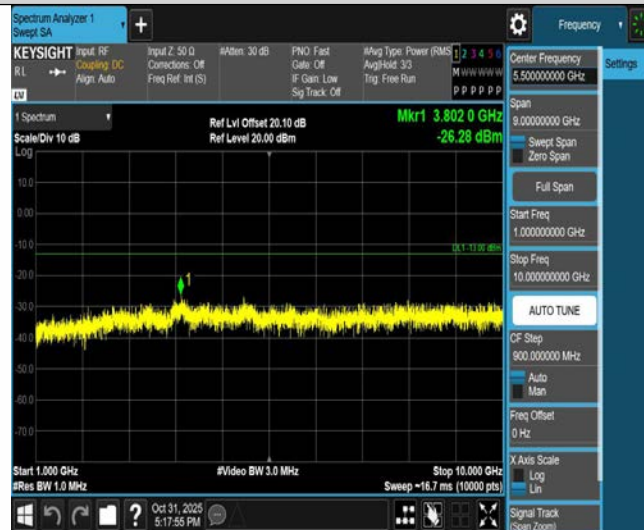
Band5-1.4MHz-QPSK-20407-1RB#0-Range2:1000~10000MHz



Band5-1.4MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



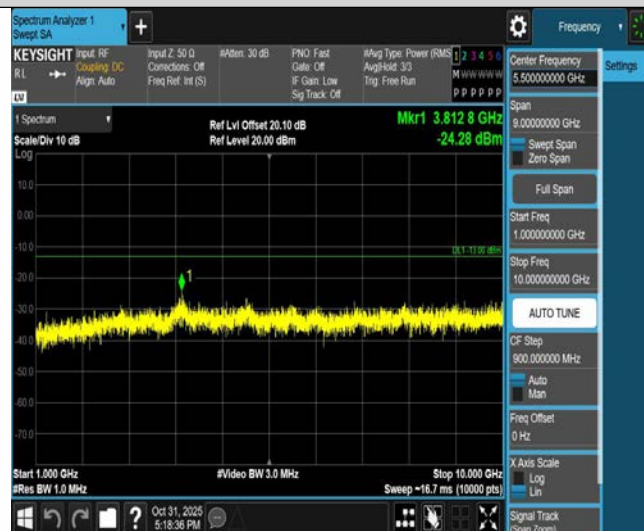
Band5-1.4MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Band5-1.4MHz-QPSK-20643-1RB#0-Range1:30~1000MHz



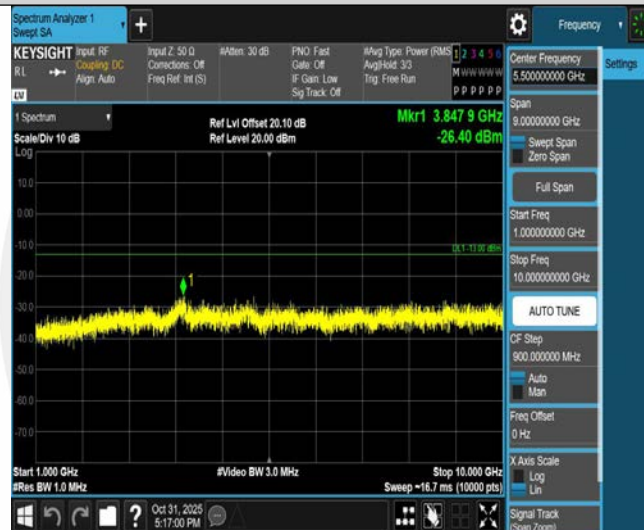
Band5-1.4MHz-QPSK-20643-1RB#0-Range2:1000~10000MHz



Band5-1.4MHz-16QAM-20407-1RB#0-Range1:30~1000MHz



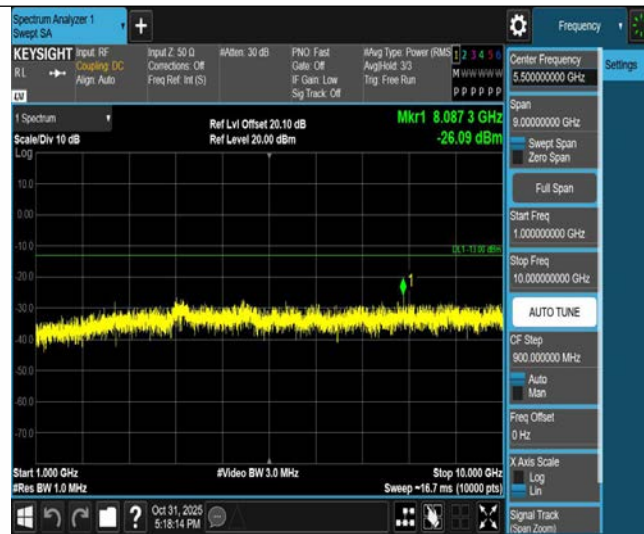
Band5-1.4MHz-16QAM-20407-1RB#0-Range2:1000~10000MHz



Band5-1.4MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



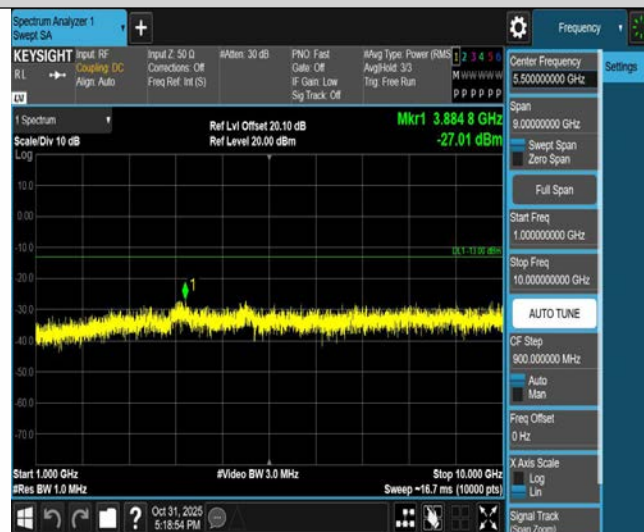
Band5-1.4MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-1.4MHz-16QAM-20643-1RB#0-Range1:30~1000MHz



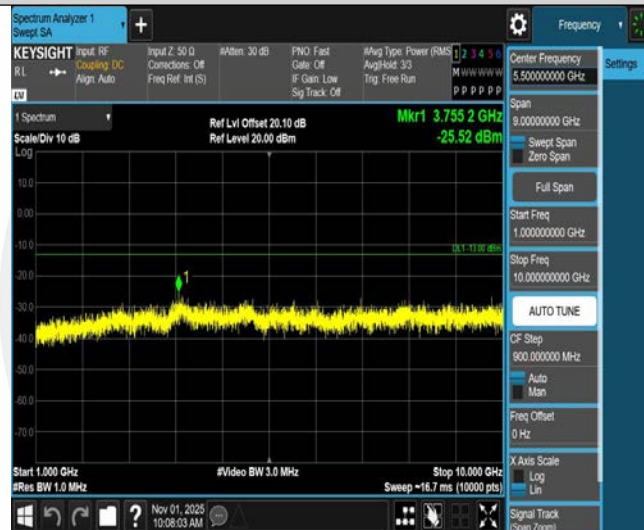
Band5-1.4MHz-16QAM-20643-1RB#0-Range2:1000~10000MHz



Band5-3MHz-QPSK-20415-1RB#0-Range1:30~1000MHz



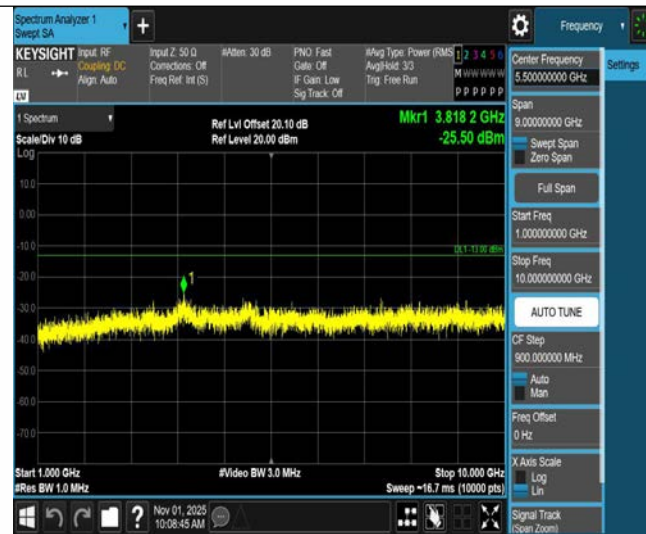
Band5-3MHz-QPSK-20415-1RB#0-Range2:1000~10000MHz



Band5-3MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Band5-3MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz



Band5-3MHz-QPSK-20635-1RB#0-Range1:30~1000MHz



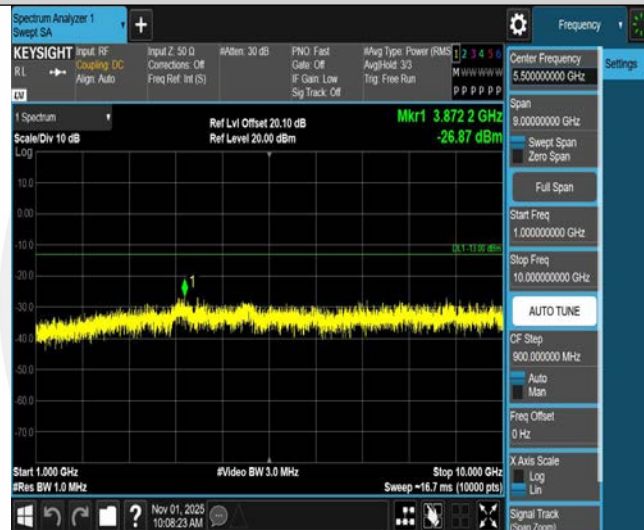
Band5-3MHz-QPSK-20635-1RB#0-Range2:1000~10000MHz



Band5-3MHz-16QAM-20415-1RB#0-Range1:30~1000MHz



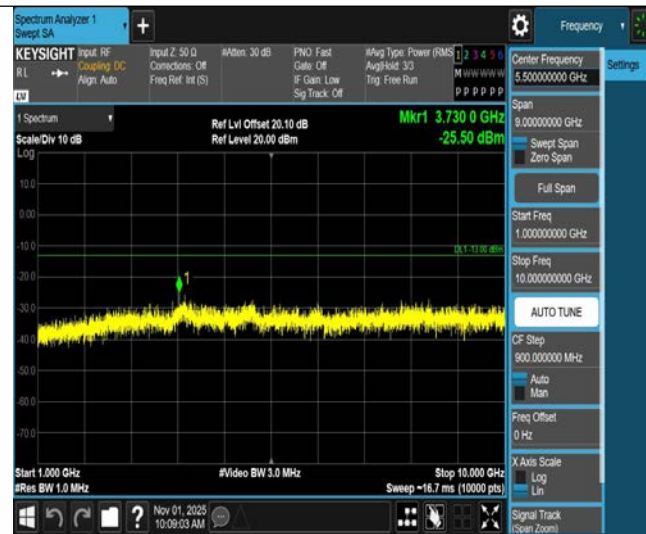
Band5-3MHz-16QAM-20415-1RB#0-Range2:1000~10000MHz



Band5-3MHz-16QAM-20525-1RB#0-Range1:30~1000MHz



Band5-3MHz-16QAM-20525-1RB#0-Range2:1000~10000MHz



Band5-3MHz-16QAM-20635-1RB#0-Range1:30~1000MHz



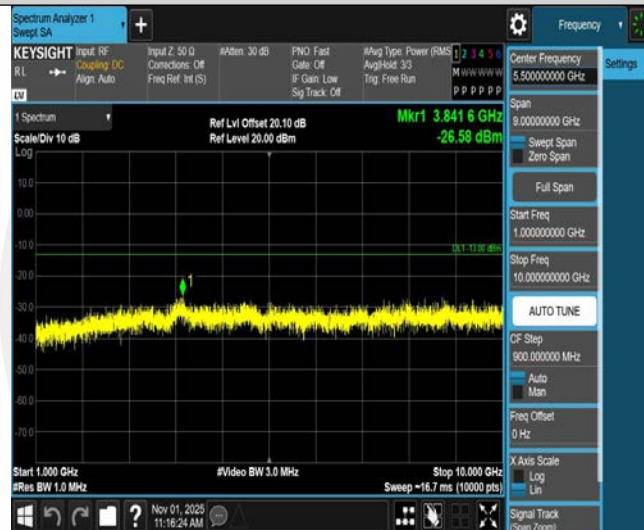
Band5-3MHz-16QAM-20635-1RB#0-Range2:1000~10000MHz



Band5-5MHz-QPSK-20425-1RB#0-Range1:30~1000MHz



Band5-5MHz-QPSK-20425-1RB#0-Range2:1000~10000MHz



Band5-5MHz-QPSK-20525-1RB#0-Range1:30~1000MHz



Band5-5MHz-QPSK-20525-1RB#0-Range2:1000~10000MHz