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	23.78	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.07	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.79	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.85	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.90	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.82	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.90	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.49	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.36	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.36	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.28	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.28	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.28	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.66	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.83	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.41	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.17	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.65	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.68	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	23.25	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.61	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.53	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.97	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.57	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.94	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.91	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.83	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	21.71	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	22.32	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	22.29	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	22.27	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.25	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	22.24	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.22	PASS

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Band5	1.4MHz	16QAM	20525	6RB#0	21.68	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.06	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	22.68	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.32	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.72	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	22.71	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.31	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	21.60	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.11	PASS
Band5	3MHz	QPSK	20415	1RB#8	23.84	PASS
Band5	3MHz	QPSK	20415	1RB#14	23.69	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.98	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.96	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.80	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.89	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.40	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.94	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.15	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.63	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.49	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.69	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.58	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.72	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.52	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.78	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.69	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.75	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.64	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.75	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.69	PASS
Band5	3MHz	16QAM	20415	1RB#8	22.74	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.71	PASS
Band5	3MHz	16QAM	20415	8RB#0	21.90	PASS
Band5	3MHz	16QAM	20415	8RB#4	22.08	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.08	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.04	PASS
Band5	3MHz	16QAM	20525	1RB#0	22.36	PASS
Band5	3MHz	16QAM	20525	1RB#8	22.14	PASS
Band5	3MHz	16QAM	20525	1RB#14	22.34	PASS

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Band5	3MHz	16QAM	20525	8RB#0	21.52	PASS
Band5	3MHz	16QAM	20525	8RB#4	21.61	PASS
Band5	3MHz	16QAM	20525	8RB#7	21.82	PASS
Band5	3MHz	16QAM	20525	15RB#0	21.64	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.54	PASS
Band5	3MHz	16QAM	20635	1RB#8	22.47	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.95	PASS
Band5	3MHz	16QAM	20635	8RB#0	21.78	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.72	PASS
Band5	3MHz	16QAM	20635	8RB#7	21.84	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.78	PASS
Band5	5MHz	QPSK	20425	1RB#0	23.77	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.60	PASS
Band5	5MHz	QPSK	20425	1RB#24	23.45	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.98	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.93	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.63	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.79	PASS
Band5	5MHz	QPSK	20525	1RB#0	23.68	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.30	PASS
Band5	5MHz	QPSK	20525	1RB#24	23.85	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.49	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.50	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.69	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.48	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.98	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.69	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.36	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.84	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.81	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.61	PASS
Band5	5MHz	QPSK	20625	25RB#0	22.65	PASS
Band5	5MHz	16QAM	20425	1RB#0	22.17	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.94	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.26	PASS
Band5	5MHz	16QAM	20425	12RB#0	22.07	PASS
Band5	5MHz	16QAM	20425	12RB#6	21.95	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.55	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.85	PASS

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Band5	5MHz	16QAM	20525	1RB#0	22.11	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.49	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.56	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.48	PASS
Band5	5MHz	16QAM	20525	12RB#6	21.55	PASS
Band5	5MHz	16QAM	20525	12RB#13	21.54	PASS
Band5	5MHz	16QAM	20525	25RB#0	21.61	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.81	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.81	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.35	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.52	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.56	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.68	PASS
Band5	5MHz	16QAM	20625	25RB#0	21.65	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.88	PASS
Band5	10MHz	QPSK	20450	1RB#24	23.61	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.72	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.97	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.79	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.71	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.75	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.62	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.63	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.01	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.84	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.84	PASS
Band5	10MHz	QPSK	20525	25RB#25	23.01	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.79	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.02	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.93	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.60	PASS
Band5	10MHz	QPSK	20600	25RB#0	23.13	PASS
Band5	10MHz	QPSK	20600	25RB#12	23.15	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.75	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.99	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.04	PASS
Band5	10MHz	16QAM	20450	1RB#24	22.65	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.88	PASS
Band5	10MHz	16QAM	20450	25RB#0	21.71	PASS

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Band5	10MHz	16QAM	20450	25RB#12	21.65	PASS
Band5	10MHz	16QAM	20450	25RB#25	21.70	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.69	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.77	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.71	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.75	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.70	PASS
Band5	10MHz	16QAM	20525	25RB#12	21.99	PASS
Band5	10MHz	16QAM	20525	25RB#25	21.80	PASS
Band5	10MHz	16QAM	20525	50RB#0	21.88	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.95	PASS
Band5	10MHz	16QAM	20600	1RB#24	22.89	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.72	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.95	PASS
Band5	10MHz	16QAM	20600	25RB#12	22.05	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.79	PASS
Band5	10MHz	16QAM	20600	50RB#0	21.82	PASS

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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	4.52	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.15	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.54	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.09	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.38	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.99	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	5.66	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.04	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.57	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.01	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.33	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.92	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	4.56	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.15	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.48	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.28	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.17	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.19	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	5.47	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.02	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.47	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.09	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.20	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.01	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	4.48	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.97	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.04	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.33	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.19	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.09	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.51	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.81	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	4.90	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.12	13	PASS

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Band5	5MHz	16QAM	20625	1RB#0	5.28	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.93	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	4.41	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	4.91	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	3.63	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.38	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	4.52	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.90	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	5.40	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.85	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	4.83	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.16	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	5.44	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.85	13	PASS

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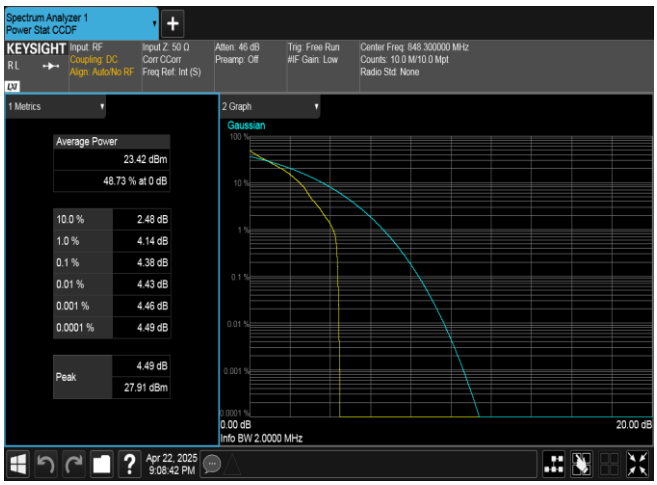
Test Graphs

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

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

Band5-1.4MHz-QPSK-20525-1RB#0-PASS

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



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

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

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

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

Band5-1.4MHz-16QAM-20525-1RB#0-PASS

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

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

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

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

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

Band5-3MHz-QPSK-20525-1RB#0-PASS

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

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

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

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

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

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

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

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

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

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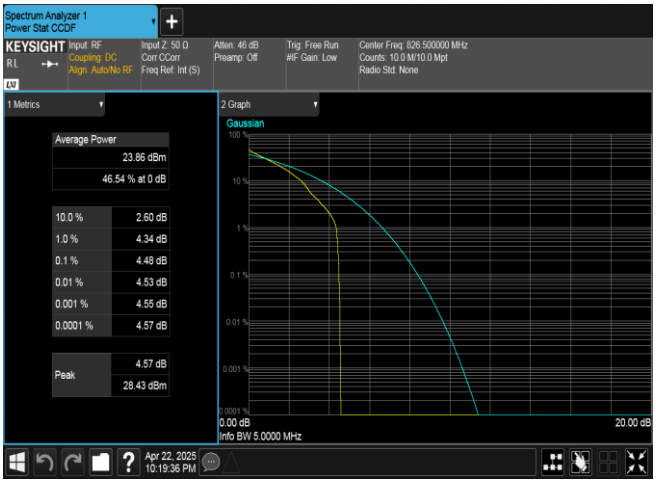

Band5-5MHz-QPSK-20425-1RB#0-PASS

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

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

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

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

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

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

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

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

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

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

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

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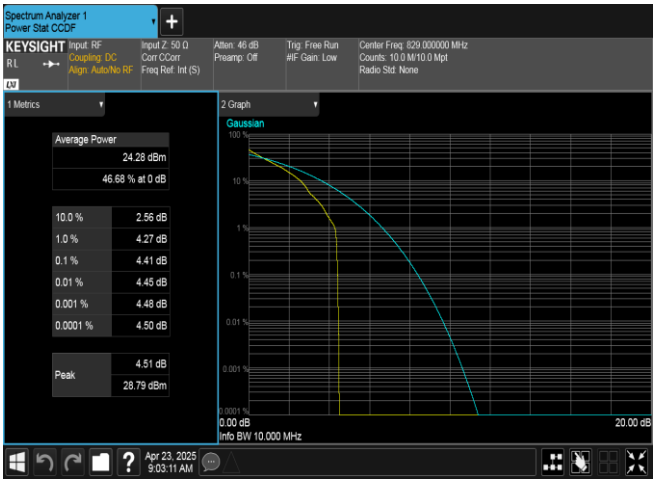

Band5-10MHz-QPSK-20450-1RB#0-PASS

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

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

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

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

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

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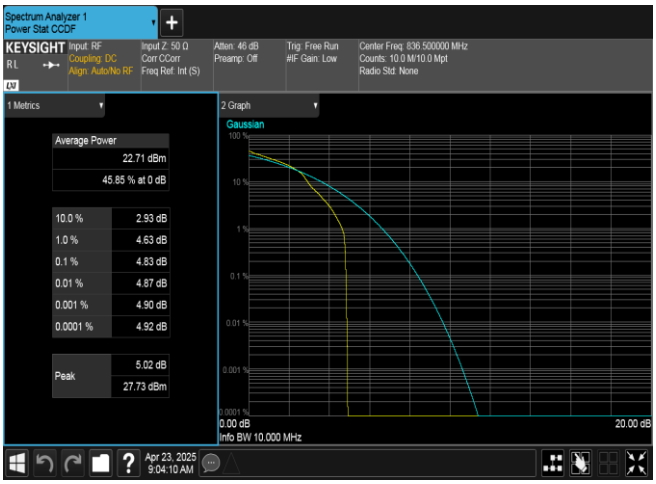
Band5-10MHz-16QAM-20450-1RB#0-PASS

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



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

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

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

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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	1.0964	1.287	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0959	1.285	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0949	1.302	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0993	1.300	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0976	1.297	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0983	1.291	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7020	2.973	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7010	2.974	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7014	2.965	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6945	2.967	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7003	2.979	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6960	2.964	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5055	5.020	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5125	5.024	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5067	4.996	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4962	4.969	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5238	5.035	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5022	4.977	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9289	9.814	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0329	9.941	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9057	9.796	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9363	9.737	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0195	10.01	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9078	9.716	PASS

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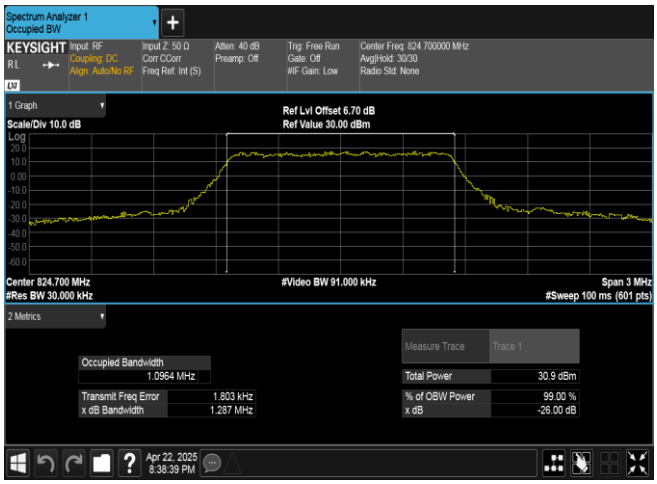
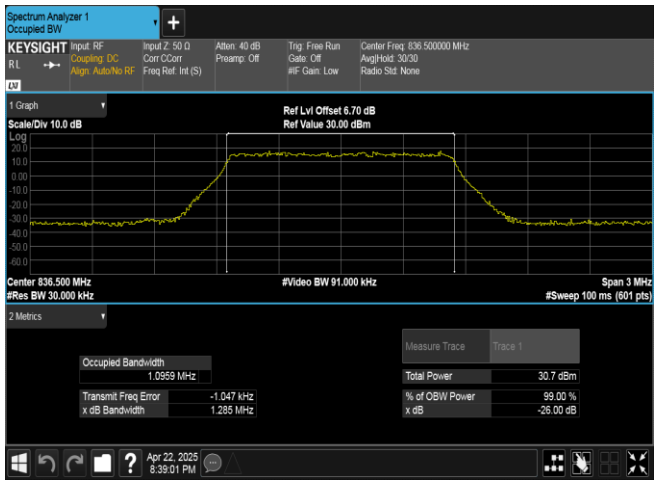
Test Graphs

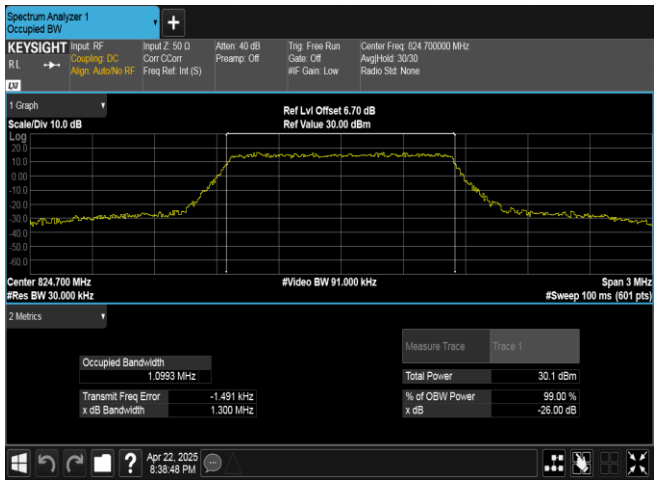


Band5-1.4MHz-QPSK-20407-6RB#0-PASS



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

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



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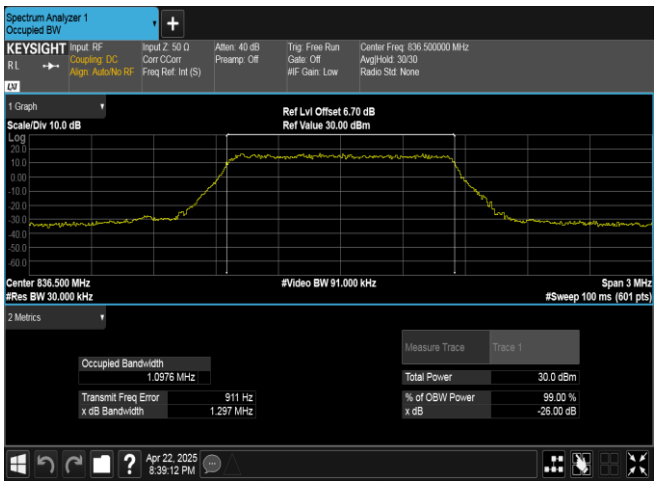

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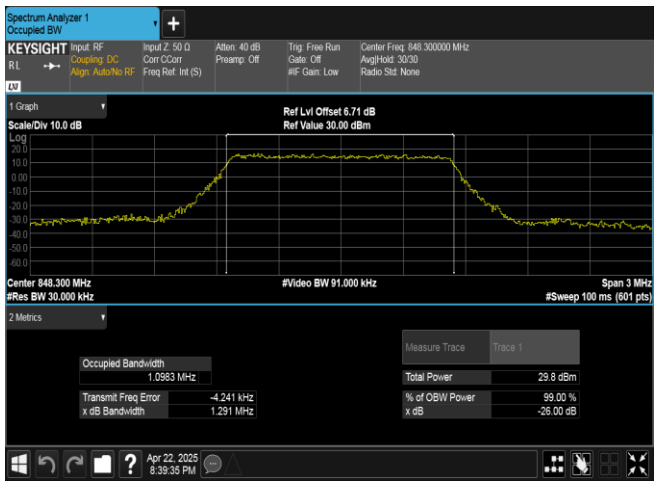

Band5-1.4MHz-16QAM-20643-6RB#0-PASS

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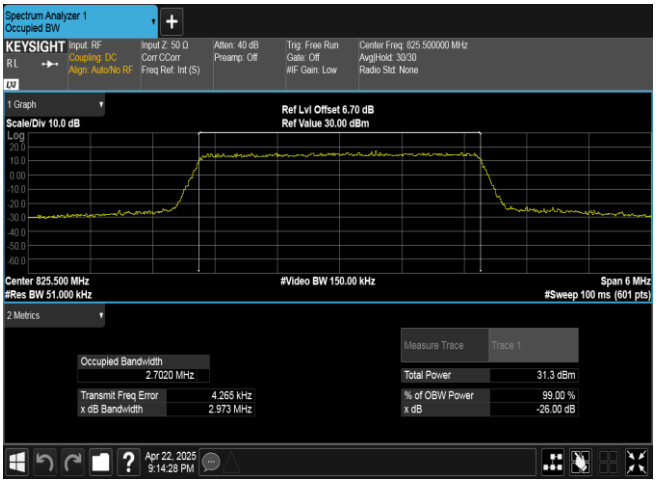

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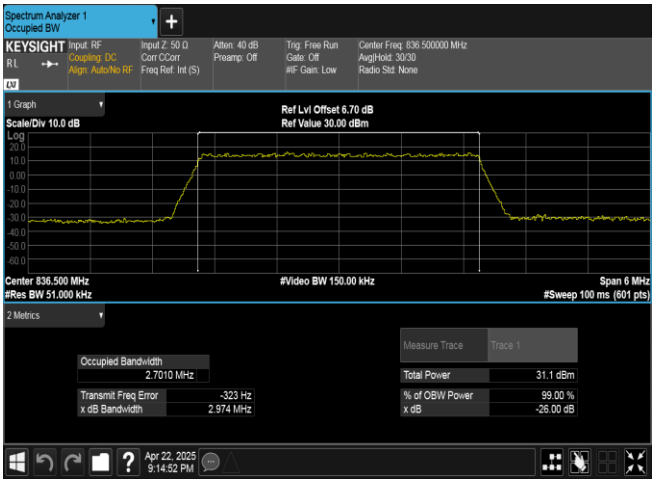

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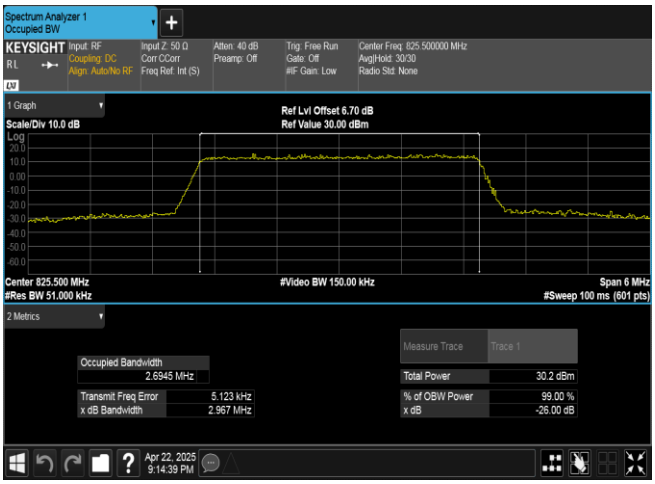

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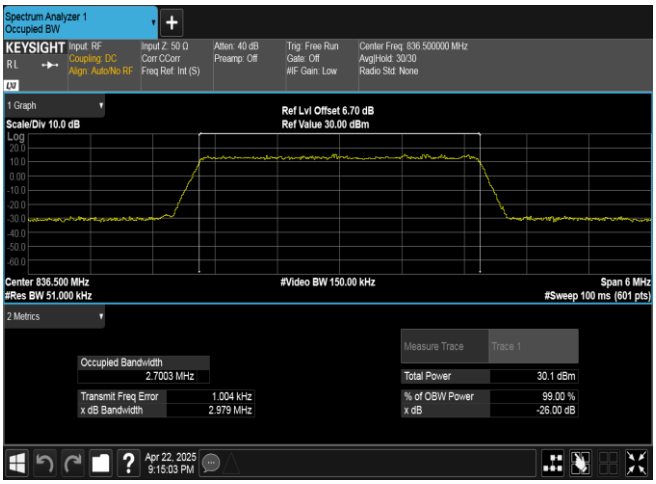

Band5-3MHz-16QAM-20525-15RB#0-PASS

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

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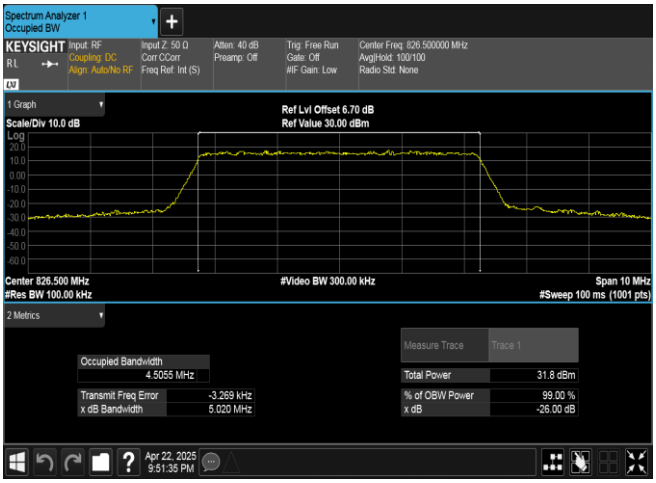

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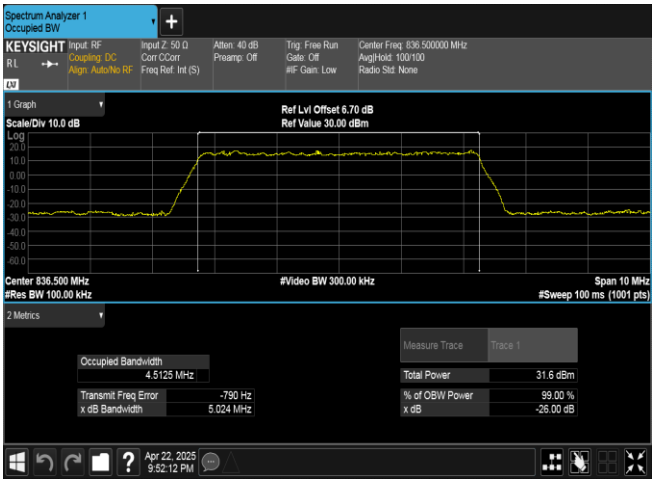

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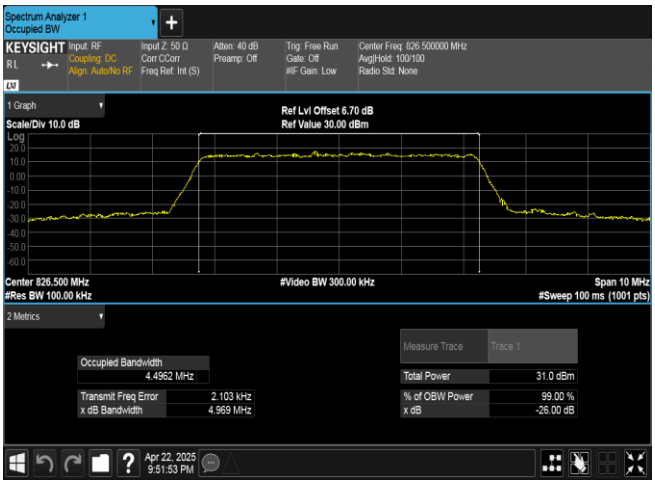

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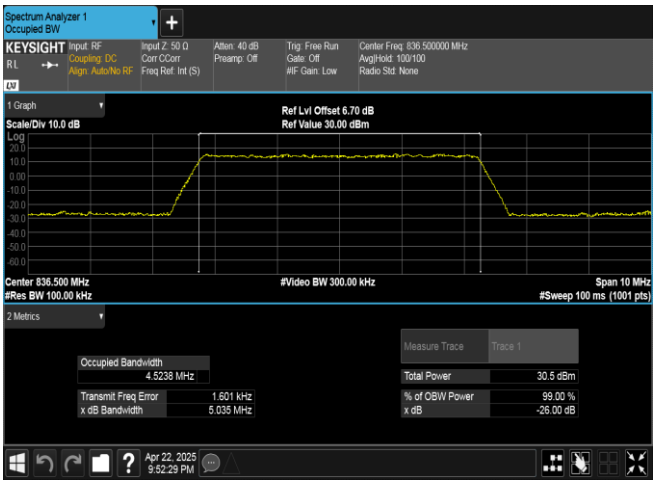

Band5-5MHz-16QAM-20525-25RB#0-PASS

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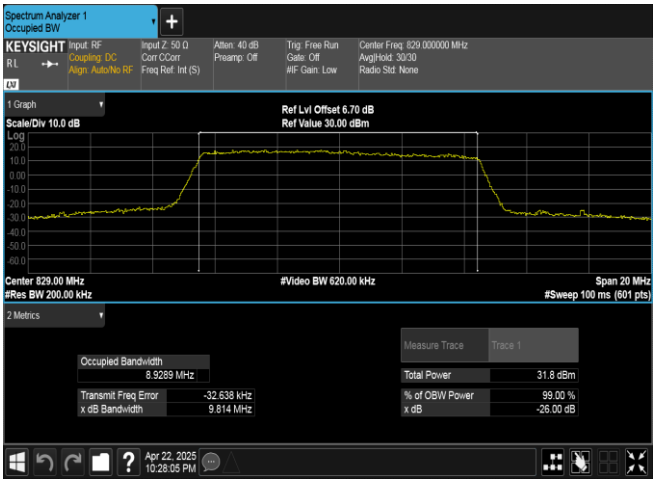

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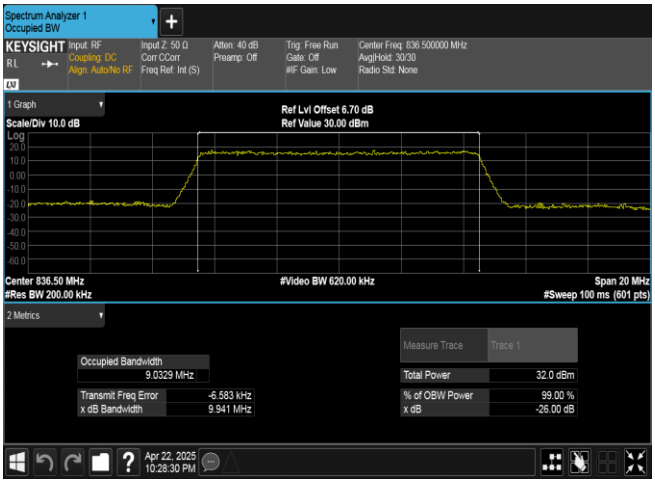

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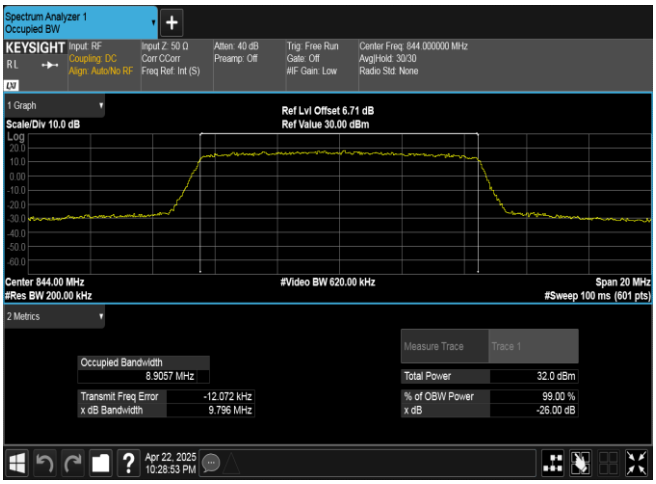

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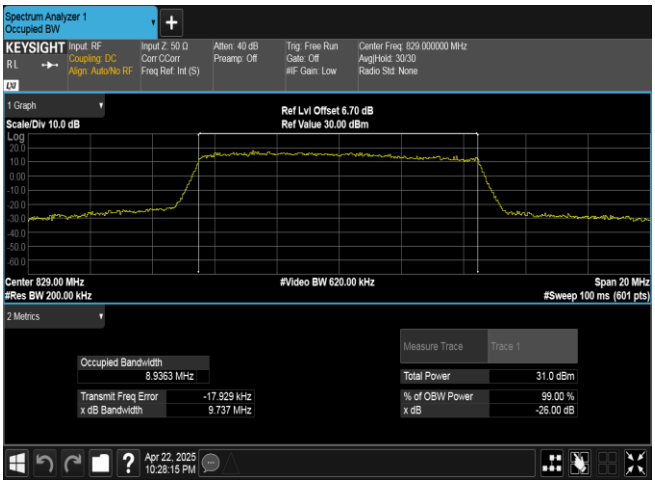

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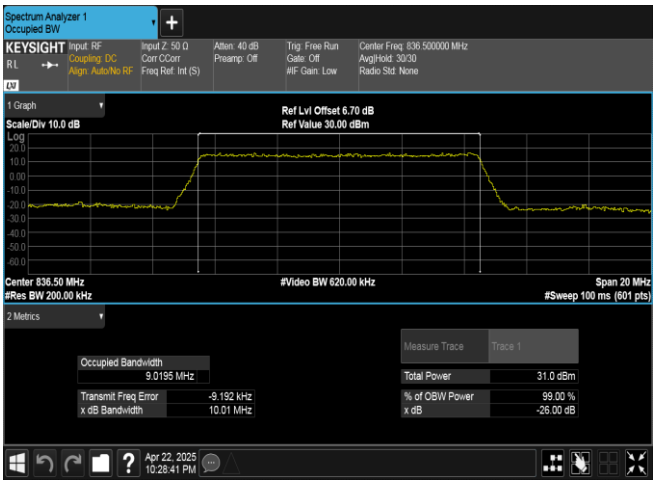

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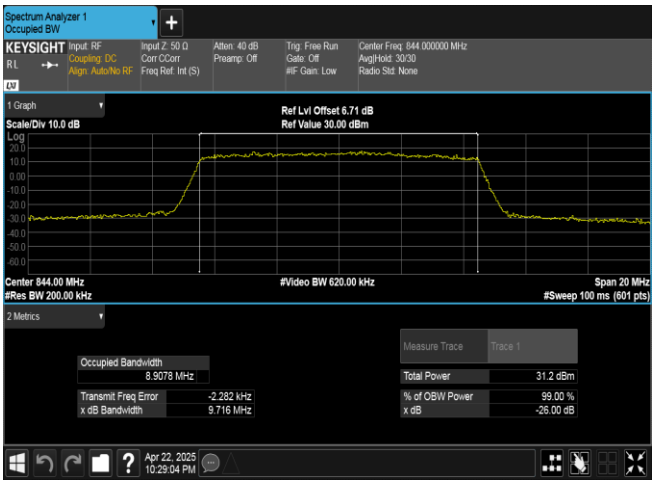

Band5-10MHz-16QAM-20600-50RB#0-PASS

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