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	21.65	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	21.61	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	21.61	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	21.52	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	21.49	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	21.50	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	20.44	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	21.94	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	21.79	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	21.82	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	21.86	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	21.86	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	21.84	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	20.92	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	21.60	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	21.41	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	21.39	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	21.39	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	21.40	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	21.33	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	20.41	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	20.37	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	20.44	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	20.51	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	20.28	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	20.25	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	20.35	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	19.41	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	20.76	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	20.76	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	20.71	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	20.72	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	20.72	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	20.67	PASS

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Band5	1.4MHz	16QAM	20525	6RB#0	19.97	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	20.43	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	20.38	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	20.29	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	20.17	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	20.24	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	20.19	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	19.55	PASS
Band5	3MHz	QPSK	20415	1RB#0	21.62	PASS
Band5	3MHz	QPSK	20415	1RB#8	21.73	PASS
Band5	3MHz	QPSK	20415	1RB#14	21.59	PASS
Band5	3MHz	QPSK	20415	8RB#0	20.55	PASS
Band5	3MHz	QPSK	20415	8RB#4	20.57	PASS
Band5	3MHz	QPSK	20415	8RB#7	20.70	PASS
Band5	3MHz	QPSK	20415	15RB#0	20.70	PASS
Band5	3MHz	QPSK	20525	1RB#0	21.80	PASS
Band5	3MHz	QPSK	20525	1RB#8	21.96	PASS
Band5	3MHz	QPSK	20525	1RB#14	21.98	PASS
Band5	3MHz	QPSK	20525	8RB#0	20.92	PASS
Band5	3MHz	QPSK	20525	8RB#4	20.93	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.00	PASS
Band5	3MHz	QPSK	20525	15RB#0	20.93	PASS
Band5	3MHz	QPSK	20635	1RB#0	21.67	PASS
Band5	3MHz	QPSK	20635	1RB#8	21.47	PASS
Band5	3MHz	QPSK	20635	1RB#14	21.41	PASS
Band5	3MHz	QPSK	20635	8RB#0	20.37	PASS
Band5	3MHz	QPSK	20635	8RB#4	20.38	PASS
Band5	3MHz	QPSK	20635	8RB#7	20.40	PASS
Band5	3MHz	QPSK	20635	15RB#0	20.37	PASS
Band5	3MHz	16QAM	20415	1RB#0	20.47	PASS
Band5	3MHz	16QAM	20415	1RB#8	20.75	PASS
Band5	3MHz	16QAM	20415	1RB#14	20.55	PASS
Band5	3MHz	16QAM	20415	8RB#0	19.73	PASS
Band5	3MHz	16QAM	20415	8RB#4	19.73	PASS
Band5	3MHz	16QAM	20415	8RB#7	19.77	PASS
Band5	3MHz	16QAM	20415	15RB#0	19.85	PASS
Band5	3MHz	16QAM	20525	1RB#0	20.72	PASS
Band5	3MHz	16QAM	20525	1RB#8	20.85	PASS
Band5	3MHz	16QAM	20525	1RB#14	20.83	PASS

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Band5	3MHz	16QAM	20525	8RB#0	20.05	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.05	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.13	PASS
Band5	3MHz	16QAM	20525	15RB#0	19.91	PASS
Band5	3MHz	16QAM	20635	1RB#0	20.50	PASS
Band5	3MHz	16QAM	20635	1RB#8	20.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	20.36	PASS
Band5	3MHz	16QAM	20635	8RB#0	19.54	PASS
Band5	3MHz	16QAM	20635	8RB#4	19.53	PASS
Band5	3MHz	16QAM	20635	8RB#7	19.56	PASS
Band5	3MHz	16QAM	20635	15RB#0	19.60	PASS
Band5	5MHz	QPSK	20425	1RB#0	21.85	PASS
Band5	5MHz	QPSK	20425	1RB#12	21.80	PASS
Band5	5MHz	QPSK	20425	1RB#24	21.74	PASS
Band5	5MHz	QPSK	20425	12RB#0	20.68	PASS
Band5	5MHz	QPSK	20425	12RB#6	20.72	PASS
Band5	5MHz	QPSK	20425	12RB#13	20.69	PASS
Band5	5MHz	QPSK	20425	25RB#0	20.80	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.12	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.05	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.20	PASS
Band5	5MHz	QPSK	20525	12RB#0	20.98	PASS
Band5	5MHz	QPSK	20525	12RB#6	20.99	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.06	PASS
Band5	5MHz	QPSK	20525	25RB#0	20.92	PASS
Band5	5MHz	QPSK	20625	1RB#0	21.79	PASS
Band5	5MHz	QPSK	20625	1RB#12	21.66	PASS
Band5	5MHz	QPSK	20625	1RB#24	21.66	PASS
Band5	5MHz	QPSK	20625	12RB#0	20.36	PASS
Band5	5MHz	QPSK	20625	12RB#6	20.37	PASS
Band5	5MHz	QPSK	20625	12RB#13	20.44	PASS
Band5	5MHz	QPSK	20625	25RB#0	20.43	PASS
Band5	5MHz	16QAM	20425	1RB#0	20.89	PASS
Band5	5MHz	16QAM	20425	1RB#12	20.93	PASS
Band5	5MHz	16QAM	20425	1RB#24	20.79	PASS
Band5	5MHz	16QAM	20425	12RB#0	19.82	PASS
Band5	5MHz	16QAM	20425	12RB#6	19.84	PASS
Band5	5MHz	16QAM	20425	12RB#13	19.86	PASS
Band5	5MHz	16QAM	20425	25RB#0	19.80	PASS

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Band5	5MHz	16QAM	20525	1RB#0	21.03	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.02	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.08	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.06	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.07	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.15	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.02	PASS
Band5	5MHz	16QAM	20625	1RB#0	20.54	PASS
Band5	5MHz	16QAM	20625	1RB#12	20.50	PASS
Band5	5MHz	16QAM	20625	1RB#24	20.58	PASS
Band5	5MHz	16QAM	20625	12RB#0	19.53	PASS
Band5	5MHz	16QAM	20625	12RB#6	19.52	PASS
Band5	5MHz	16QAM	20625	12RB#13	19.55	PASS
Band5	5MHz	16QAM	20625	25RB#0	19.56	PASS
Band5	10MHz	QPSK	20450	1RB#0	21.83	PASS
Band5	10MHz	QPSK	20450	1RB#24	21.85	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.19	PASS
Band5	10MHz	QPSK	20450	25RB#0	20.84	PASS
Band5	10MHz	QPSK	20450	25RB#12	20.83	PASS
Band5	10MHz	QPSK	20450	25RB#25	20.86	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.94	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.20	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.08	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.13	PASS
Band5	10MHz	QPSK	20525	25RB#0	20.91	PASS
Band5	10MHz	QPSK	20525	25RB#12	20.94	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.10	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.02	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.37	PASS
Band5	10MHz	QPSK	20600	1RB#24	21.68	PASS
Band5	10MHz	QPSK	20600	1RB#49	21.72	PASS
Band5	10MHz	QPSK	20600	25RB#0	20.67	PASS
Band5	10MHz	QPSK	20600	25RB#12	20.71	PASS
Band5	10MHz	QPSK	20600	25RB#25	20.58	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.94	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.79	PASS
Band5	10MHz	16QAM	20450	1RB#24	20.76	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.09	PASS
Band5	10MHz	16QAM	20450	25RB#0	19.89	PASS

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Band5	10MHz	16QAM	20450	25RB#12	19.88	PASS
Band5	10MHz	16QAM	20450	25RB#25	19.97	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.05	PASS
Band5	10MHz	16QAM	20525	1RB#0	20.99	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.11	PASS
Band5	10MHz	16QAM	20525	1RB#49	20.93	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.05	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.05	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.19	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.78	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.28	PASS
Band5	10MHz	16QAM	20600	1RB#24	20.57	PASS
Band5	10MHz	16QAM	20600	1RB#49	20.86	PASS
Band5	10MHz	16QAM	20600	25RB#0	19.83	PASS
Band5	10MHz	16QAM	20600	25RB#12	19.84	PASS
Band5	10MHz	16QAM	20600	25RB#25	19.70	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.85	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	5.65	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.80	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	5.63	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.83	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	5.69	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.83	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.52	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.55	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	6.15	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.56	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	6.54	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	6.57	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.74	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.85	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	5.66	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.81	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	5.79	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.84	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	6.59	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.59	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	6.15	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.55	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	6.64	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.60	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.84	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.85	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	5.70	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.78	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	5.84	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.85	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	6.07	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.46	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	6.26	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.46	13	PASS

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Band5	5MHz	16QAM	20625	1RB#0	6.08	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.47	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.67	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.15	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	5.59	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.20	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.60	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.89	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	6.56	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.89	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	6.12	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.03	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	6.43	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.67	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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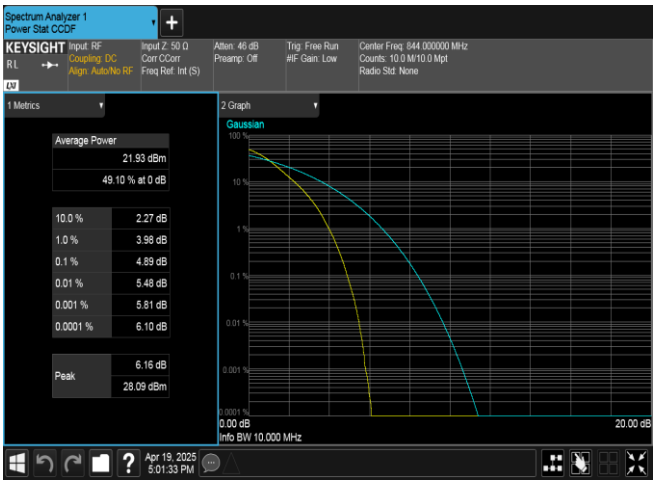
Band5-10MHz-QPSK-20450-1RB#0-PASS

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

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

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	1.0922	1.282	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0895	1.274	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0995	1.265	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0965	1.273	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0956	1.274	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0895	1.260	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6978	2.930	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6963	2.928	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6953	2.928	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6883	2.929	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6896	2.924	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6855	2.929	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4941	4.950	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5004	4.973	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5016	4.985	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5041	4.968	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5087	4.953	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5179	4.975	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9651	9.817	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9516	9.757	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9794	9.773	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9603	9.813	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9862	9.854	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9141	9.804	PASS

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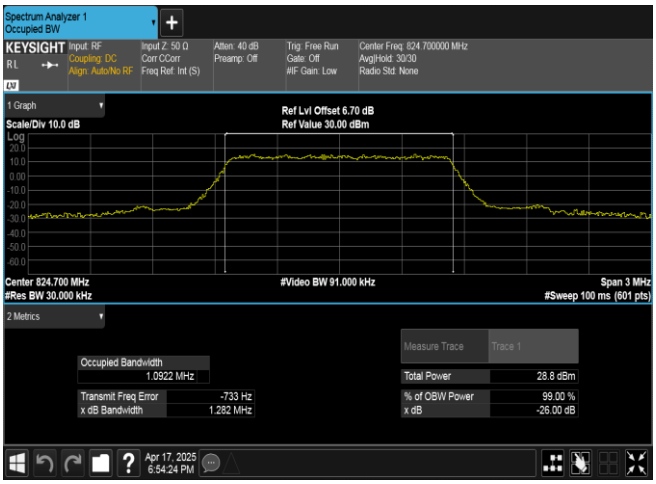
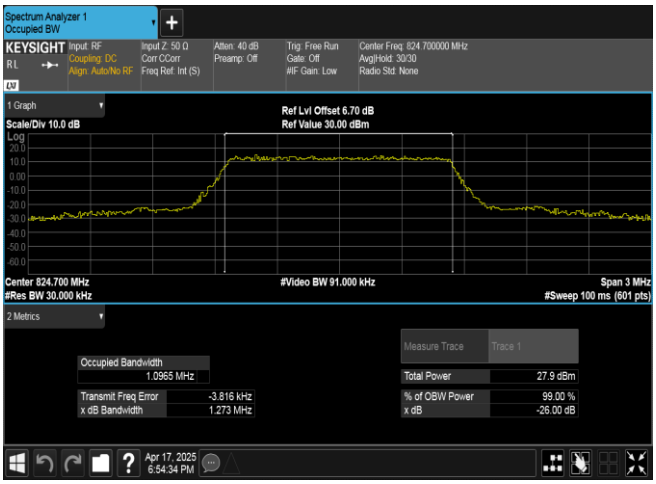
Test Graphs



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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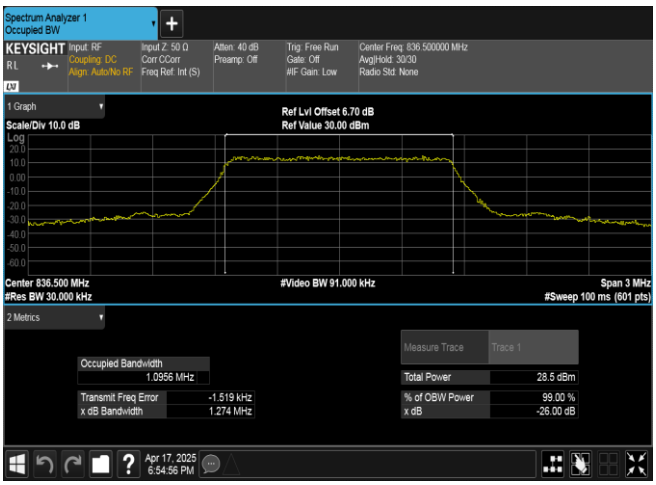

Band5-1.4MHz-16QAM-20525-6RB#0-PASS

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

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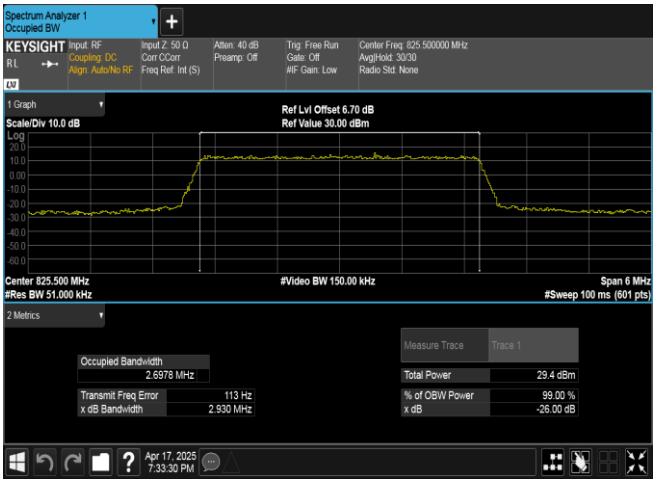

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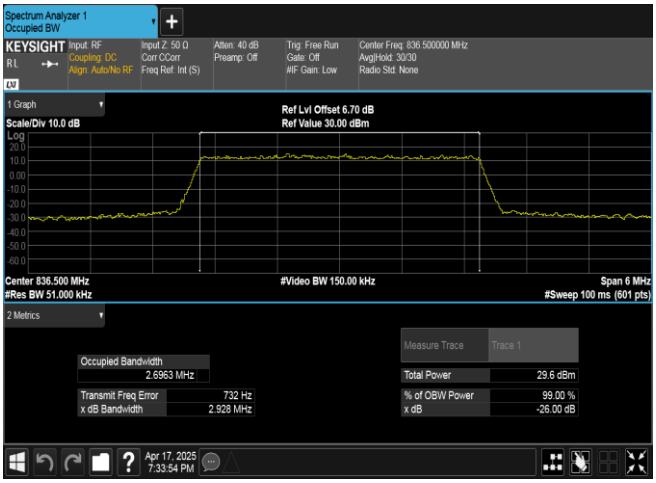

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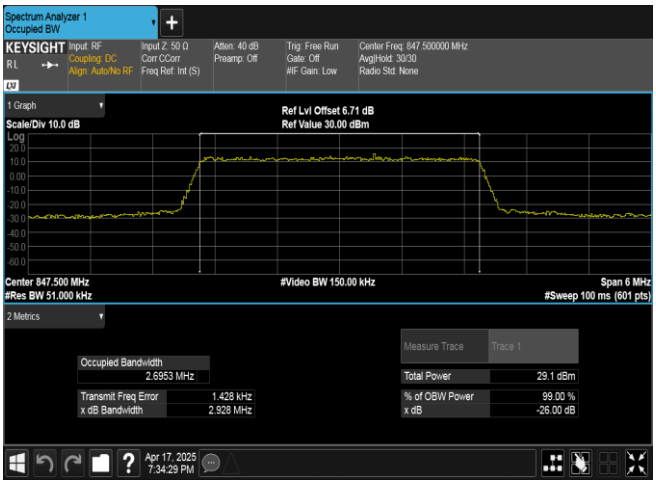

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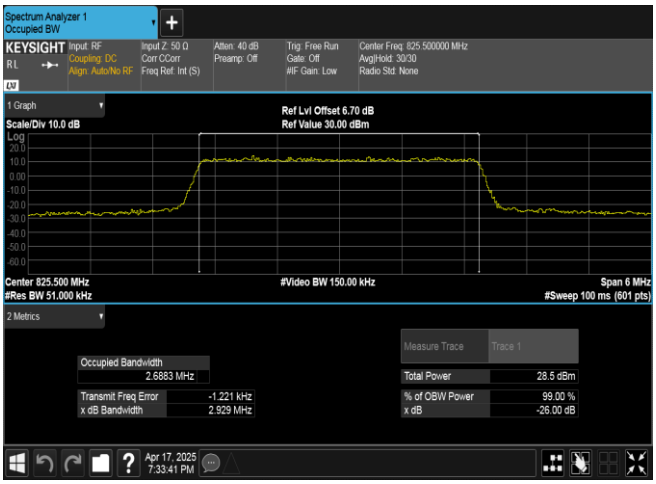

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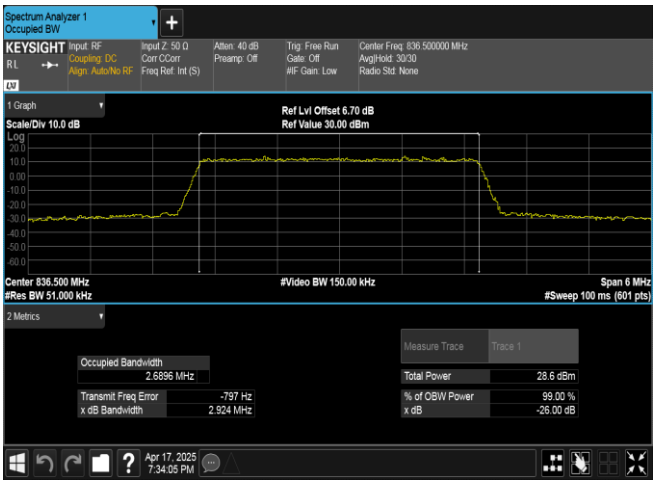

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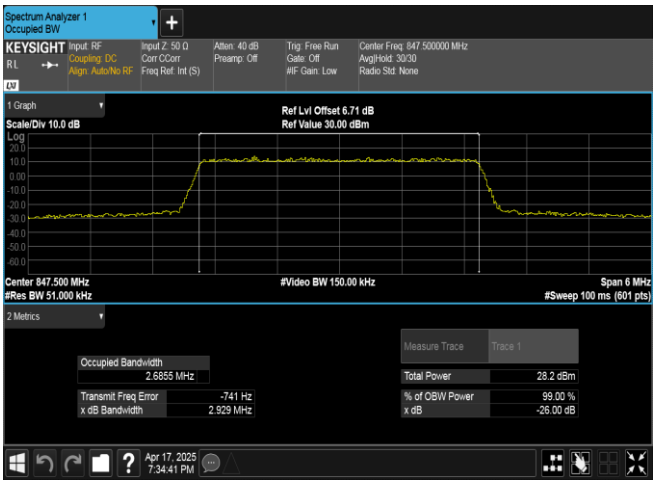

Band5-3MHz-16QAM-20635-15RB#0-PASS

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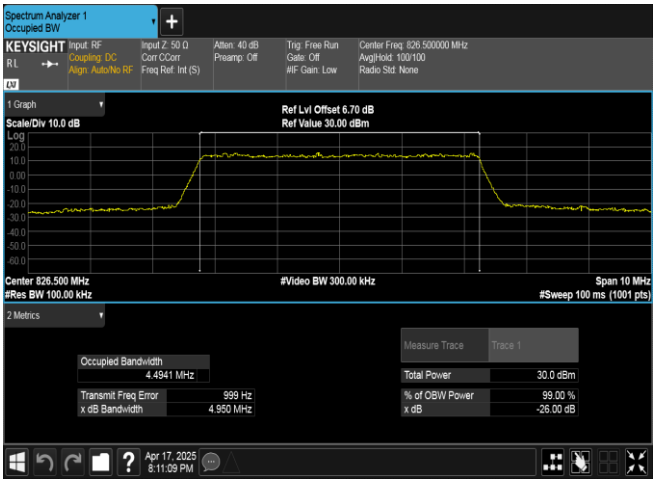

Band5-5MHz-QPSK-20425-25RB#0-PASS

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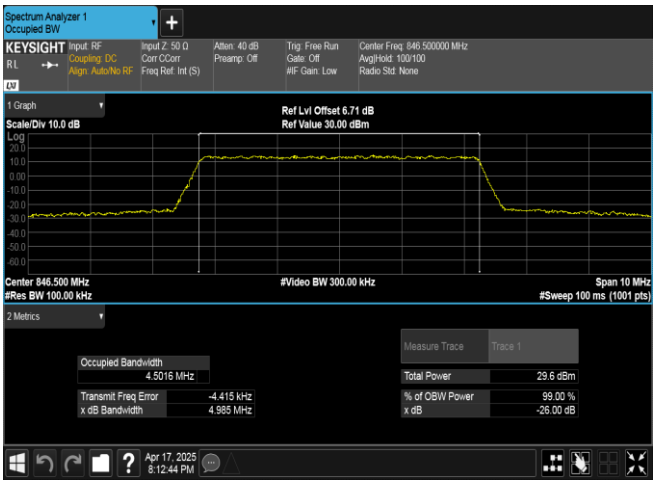

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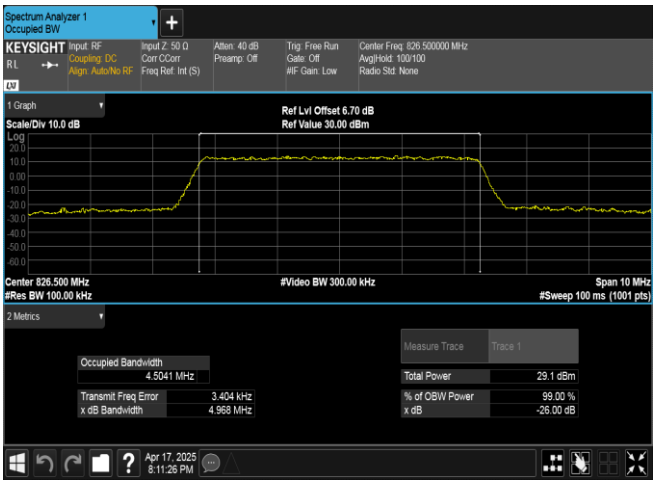

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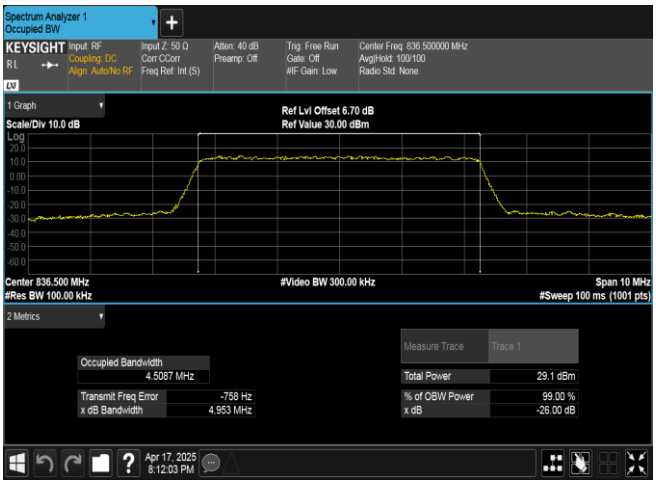

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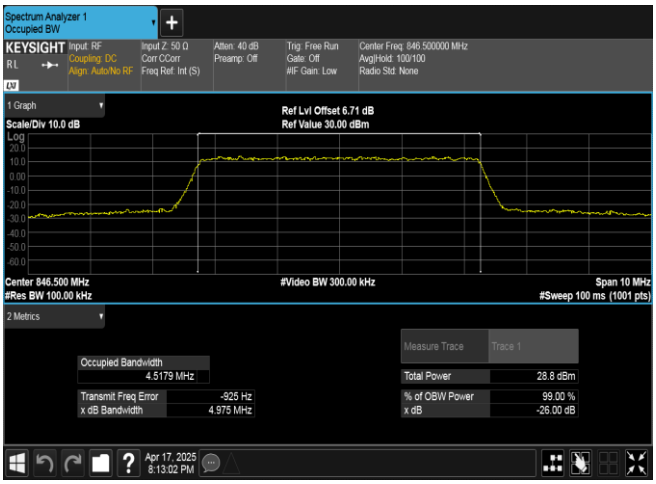

Band5-5MHz-16QAM-20625-25RB#0-PASS

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

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

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

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

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

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

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