Appendix-A LTE Band 5

Effective (Isotropic) Radiated Power Output Data

Test Result

Ant8:

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dBm)	ERP (dBm)	Limit (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	24.31	23.66	38.45	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	23.38	22.73	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.30	23.65	38.45	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	24.29	23.64	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	24.12	23.47	38.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	23.20	22.55	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	24.18	23.53	38.45	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	24.14	23.49	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.93	23.28	38.45	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.94	22.29	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.84	23.19	38.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.82	23.17	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	23.62	22.97	38.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.44	21.79	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	23.72	23.07	38.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.66	23.01	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.49	22.84	38.45	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.22	21.57	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.68	23.03	38.45	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.49	22.84	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	23.32	22.67	38.45	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.07	21.42	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	23.12	22.47	38.45	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	23.16	22.51	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#0	22.43	21.78	38.45	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	21.42	20.77	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#2	22.50	21.85	38.45	PASS
Band5	1.4MHz	64QAM	20407	1RB#5	22.61	21.96	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#0	22.29	21.64	38.45	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	21.11	20.46	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#2	22.23	21.58	38.45	PASS
Band5	1.4MHz	64QAM	20525	1RB#5	22.25	21.6	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#0	22.08	21.43	38.45	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	20.91	20.26	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#2	22.09	21.44	38.45	PASS
Band5	1.4MHz	64QAM	20643	1RB#5	22.11	21.46	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#0	19.52	18.87	38.45	PASS

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Band5	1.4MHz	256QAM	20407	6RB#0	19.40	18.75	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#2	19.52	18.87	38.45	PASS
Band5	1.4MHz	256QAM	20407	1RB#5	19.61	18.96	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#0	19.82	19.17	38.45	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	19.22	18.57	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#2	19.25	18.6	38.45	PASS
Band5	1.4MHz	256QAM	20525	1RB#5	19.17	18.52	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#0	19.38	18.73	38.45	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	19.03	18.38	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#2	19.13	18.48	38.45	PASS
Band5	1.4MHz	256QAM	20643	1RB#5	19.26	18.61	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#0	24.36	23.71	38.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	23.31	22.66	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.29	23.64	38.45	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.29	23.64	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#0	24.23	23.58	38.45	PASS
Band5	3MHz	QPSK	20525	15RB#0	23.13	22.48	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#8	24.26	23.61	38.45	PASS
Band5	3MHz	QPSK	20525	1RB#14	24.10	23.45	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#0	24.20	23.55	38.45	PASS
Band5	3MHz	QPSK	20635	15RB#0	23.12	22.47	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#8	24.01	23.36	38.45	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.93	23.28	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	23.68	23.03	38.45	PASS
Band5	3MHz	16QAM	20415	15RB#0	22.39	21.74	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.61	22.96	38.45	PASS
Band5	3MHz	16QAM	20415	1RB#14	23.59	22.94	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.40	22.75	38.45	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.10	21.45	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.39	22.74	38.45	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.36	22.71	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#0	23.39	22.74	38.45	PASS
Band5	3MHz	16QAM	20635	15RB#0	22.13	21.48	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.46	22.81	38.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	23.33	22.68	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#0	22.45	21.8	38.45	PASS
Band5	3MHz	64QAM	20415	15RB#0	21.32	20.67	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#8	22.51	21.86	38.45	PASS
Band5	3MHz	64QAM	20415	1RB#14	22.34	21.69	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#0	22.22	21.57	38.45	PASS
Band5	3MHz	64QAM	20525	15RB#0	21.02	20.37	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#8	22.46	21.81	38.45	PASS
Band5	3MHz	64QAM	20525	1RB#14	22.19	21.54	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#0	22.18	21.53	38.45	PASS
Band5	3MHz	64QAM	20635	15RB#0	21.01	20.36	38.45	PASS

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Band5	3MHz	64QAM	20635	1RB#8	22.13	21.48	38.45	PASS
Band5	3MHz	64QAM	20635	1RB#14	22.00	21.35	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#0	19.37	18.72	38.45	PASS
Band5	3MHz	256QAM	20415	15RB#0	19.42	18.77	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#8	19.49	18.84	38.45	PASS
Band5	3MHz	256QAM	20415	1RB#14	19.49	18.84	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#0	19.50	18.85	38.45	PASS
Band5	3MHz	256QAM	20525	15RB#0	19.15	18.5	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#8	19.32	18.67	38.45	PASS
Band5	3MHz	256QAM	20525	1RB#14	19.10	18.45	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#0	19.64	18.99	38.45	PASS
Band5	3MHz	256QAM	20635	15RB#0	19.14	18.49	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#8	19.22	18.57	38.45	PASS
Band5	3MHz	256QAM	20635	1RB#14	19.12	18.47	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	24.33	23.68	38.45	PASS
Band5	5MHz	QPSK	20425	25RB#0	23.42	22.77	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#12	24.46	23.81	38.45	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.34	23.69	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.17	23.52	38.45	PASS
Band5	5MHz	QPSK	20525	25RB#0	23.12	22.47	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#12	24.24	23.59	38.45	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.08	23.43	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	24.11	23.46	38.45	PASS
Band5	5MHz	QPSK	20625	25RB#0	23.16	22.51	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#12	24.12	23.47	38.45	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.98	23.33	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#0	23.65	23	38.45	PASS
Band5	5MHz	16QAM	20425	25RB#0	22.40	21.75	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#12	23.75	23.1	38.45	PASS
Band5	5MHz	16QAM	20425	1RB#24	23.63	22.98	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	23.57	22.92	38.45	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.19	21.54	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#12	23.50	22.85	38.45	PASS
Band5	5MHz	16QAM	20525	1RB#24	23.37	22.72	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#0	23.62	22.97	38.45	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.19	21.54	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#12	23.41	22.76	38.45	PASS
Band5	5MHz	16QAM	20625	1RB#24	23.30	22.65	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#0	22.30	21.65	38.45	PASS
Band5	5MHz	64QAM	20425	25RB#0	21.25	20.6	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#12	22.40	21.75	38.45	PASS
Band5	5MHz	64QAM	20425	1RB#24	22.16	21.51	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#0	22.10	21.45	38.45	PASS
Band5	5MHz	64QAM	20525	25RB#0	20.99	20.34	38.45	PASS
Band5	5MHz	64QAM	20525	1RB#12	22.38	21.73	38.45	PASS

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Band5	5MHz	64QAM	20525	1RB#24	22.07	21.42	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#0	22.09	21.44	38.45	PASS
Band5	5MHz	64QAM	20625	25RB#0	20.99	20.34	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#12	22.07	21.42	38.45	PASS
Band5	5MHz	64QAM	20625	1RB#24	22.06	21.41	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#0	19.47	18.82	38.45	PASS
Band5	5MHz	256QAM	20425	25RB#0	19.44	18.79	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#12	19.49	18.84	38.45	PASS
Band5	5MHz	256QAM	20425	1RB#24	19.39	18.74	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#0	19.54	18.89	38.45	PASS
Band5	5MHz	256QAM	20525	25RB#0	19.12	18.47	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#12	19.31	18.66	38.45	PASS
Band5	5MHz	256QAM	20525	1RB#24	19.15	18.5	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#0	19.42	18.77	38.45	PASS
Band5	5MHz	256QAM	20625	25RB#0	19.12	18.47	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#12	19.27	18.62	38.45	PASS
Band5	5MHz	256QAM	20625	1RB#24	19.07	18.42	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#0	24.22	23.57	38.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	23.42	22.77	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.13	23.48	38.45	PASS
Band5	10MHz	QPSK	20450	1RB#49	24.25	23.6	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#0	24.10	23.45	38.45	PASS
Band5	10MHz	QPSK	20525	50RB#0	23.21	22.56	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#24	24.19	23.54	38.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	24.12	23.47	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#0	24.05	23.4	38.45	PASS
Band5	10MHz	QPSK	20600	50RB#0	23.18	22.53	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#24	24.08	23.43	38.45	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.95	23.3	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#0	23.41	22.76	38.45	PASS
Band5	10MHz	16QAM	20450	50RB#0	22.41	21.76	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.65	23	38.45	PASS
Band5	10MHz	16QAM	20450	1RB#49	23.49	22.84	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#0	23.39	22.74	38.45	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.16	21.51	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#24	23.57	22.92	38.45	PASS
Band5	10MHz	16QAM	20525	1RB#49	23.39	22.74	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#0	23.38	22.73	38.45	PASS
Band5	10MHz	16QAM	20600	50RB#0	22.16	21.51	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.44	22.79	38.45	PASS
Band5	10MHz	16QAM	20600	1RB#49	23.25	22.6	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#0	22.52	21.87	38.45	PASS
Band5	10MHz	64QAM	20450	50RB#0	21.26	20.61	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#24	22.42	21.77	38.45	PASS
Band5	10MHz	64QAM	20450	1RB#49	22.32	21.67	38.45	PASS

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Band5	10MHz	64QAM	20525	1RB#0	22.09	21.44	38.45	PASS
Band5	10MHz	64QAM	20525	50RB#0	20.99	20.34	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#24	22.25	21.6	38.45	PASS
Band5	10MHz	64QAM	20525	1RB#49	22.12	21.47	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#0	21.94	21.29	38.45	PASS
Band5	10MHz	64QAM	20600	50RB#0	20.99	20.34	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#24	22.06	21.41	38.45	PASS
Band5	10MHz	64QAM	20600	1RB#49	22.04	21.39	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#0	19.56	18.91	38.45	PASS
Band5	10MHz	256QAM	20450	50RB#0	19.40	18.75	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#24	19.59	18.94	38.45	PASS
Band5	10MHz	256QAM	20450	1RB#49	19.39	18.74	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#0	19.59	18.94	38.45	PASS
Band5	10MHz	256QAM	20525	50RB#0	19.19	18.54	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#24	19.41	18.76	38.45	PASS
Band5	10MHz	256QAM	20525	1RB#49	19.47	18.82	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#0	19.38	18.73	38.45	PASS
Band5	10MHz	256QAM	20600	50RB#0	19.15	18.5	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#24	19.34	18.69	38.45	PASS
Band5	10MHz	256QAM	20600	1RB#49	19.04	18.39	38.45	PASS

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Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result (dB)	Limit (dB)	Verdict
Band5	10MHz	QPSK	20450	100RB#0	4.56	13	PASS
Band5	10MHz	QPSK	20525	100RB#0	4.72	13	PASS
Band5	10MHz	QPSK	20600	100RB#0	4.75	13	PASS
Band5	10MHz	16QAM	20450	100RB#0	5.55	13	PASS
Band5	10MHz	16QAM	20525	100RB#0	5.73	13	PASS
Band5	10MHz	16QAM	20600	100RB#0	5.75	13	PASS
Band5	10MHz	64QAM	20450	100RB#0	5.45	13	PASS
Band5	10MHz	64QAM	20525	100RB#0	5.92	13	PASS
Band5	10MHz	64QAM	20600	100RB#0	5.83	13	PASS
Band5	10MHz	256QAM	20450	100RB#0	6.62	13	PASS
Band5	10MHz	256QAM	20525	100RB#0	6.73	13	PASS
Band5	10MHz	256QAM	20600	100RB#0	6.64	13	PASS

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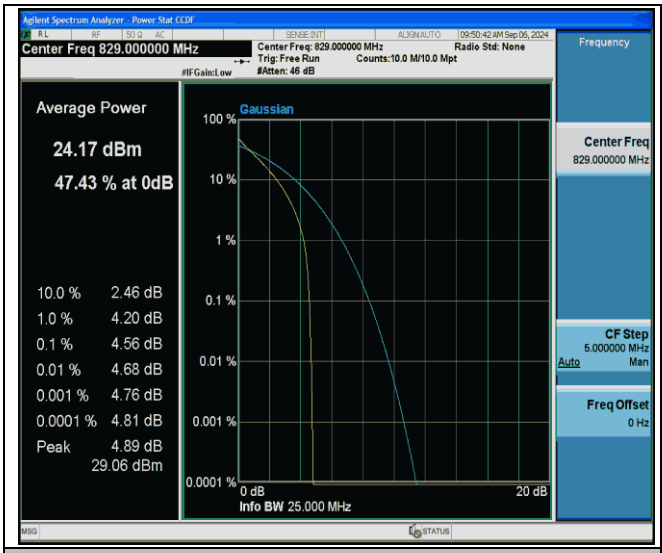
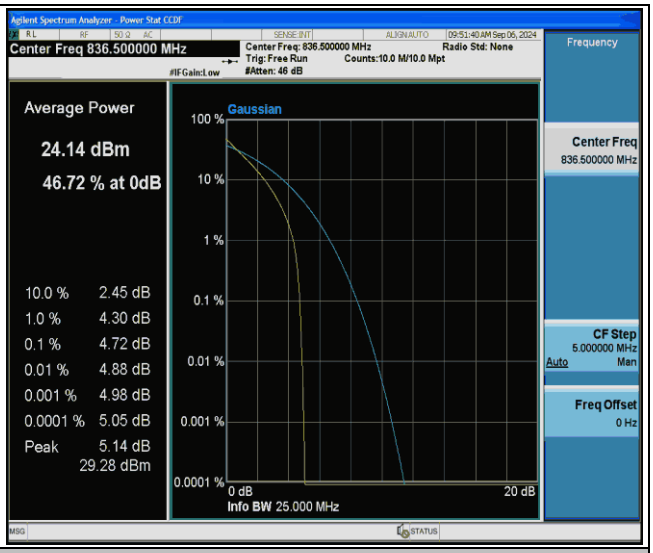
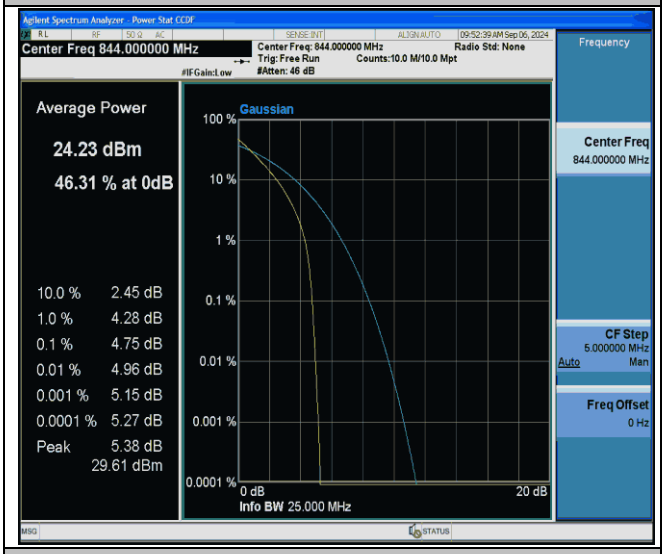
Test Graphs



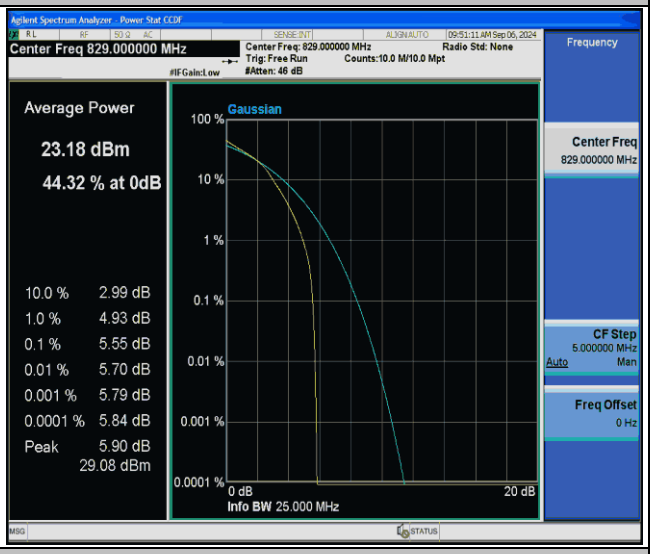
Band5-10MHz-QPSK-20450-100RB#0-PASS



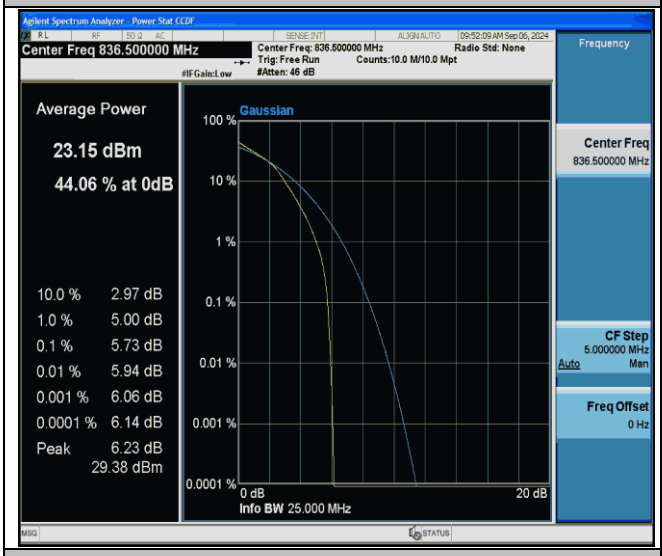
Band5-10MHz-QPSK-20525-100RB#0-PASS



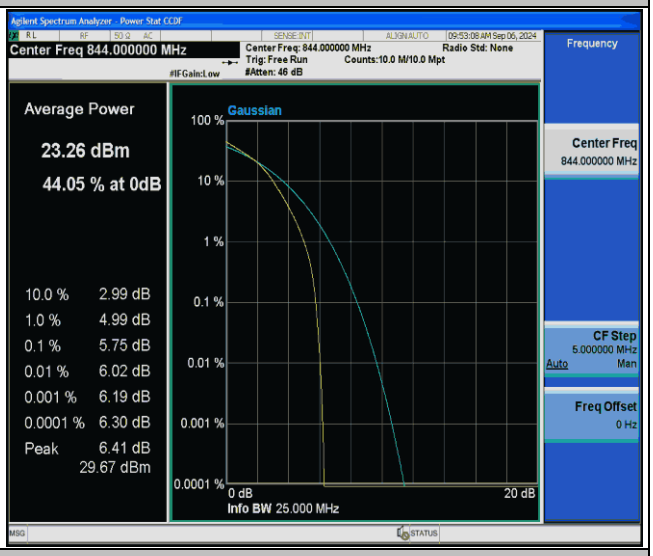
Band5-10MHz-QPSK-20600-100RB#0-PASS



Band5-10MHz-16QAM-20450-100RB#0-PASS



Band5-10MHz-16QAM-20525-100RB#0-PASS



Band5-10MHz-16QAM-20600-100RB#0-PASS

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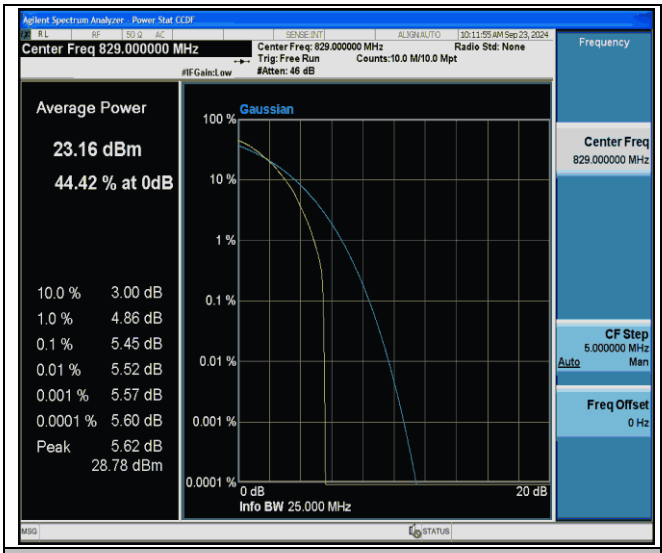
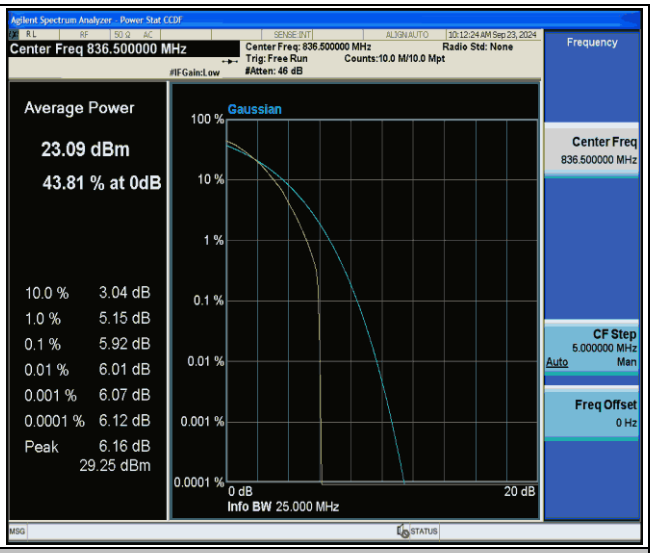


Band5-10MHz-64QAM-20450-100RB#0-PASS



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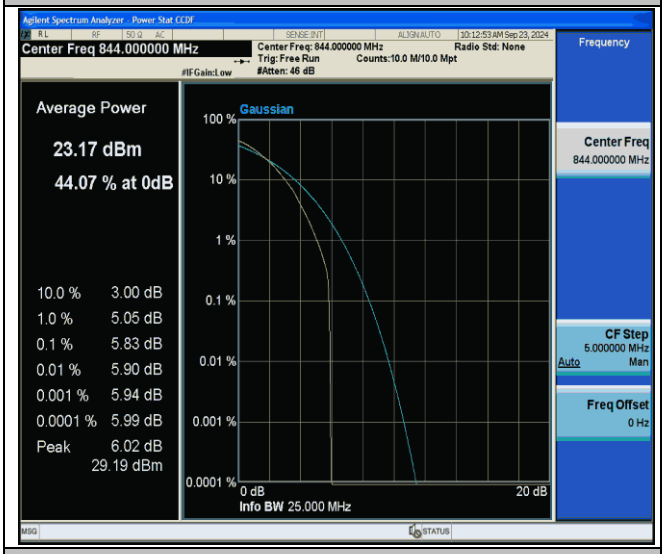

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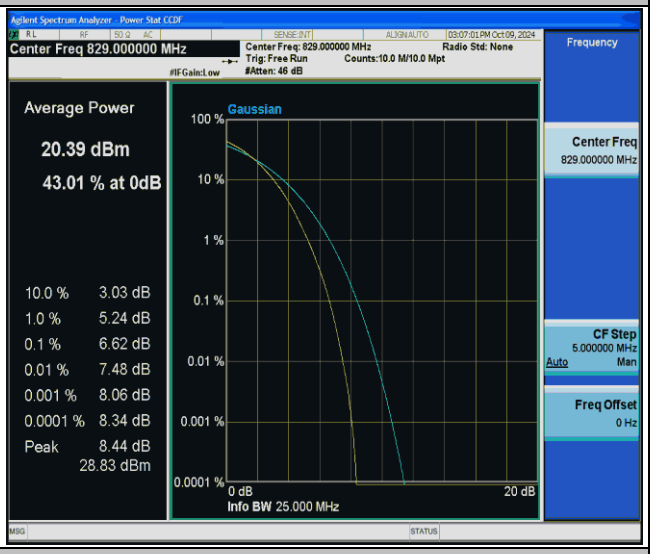

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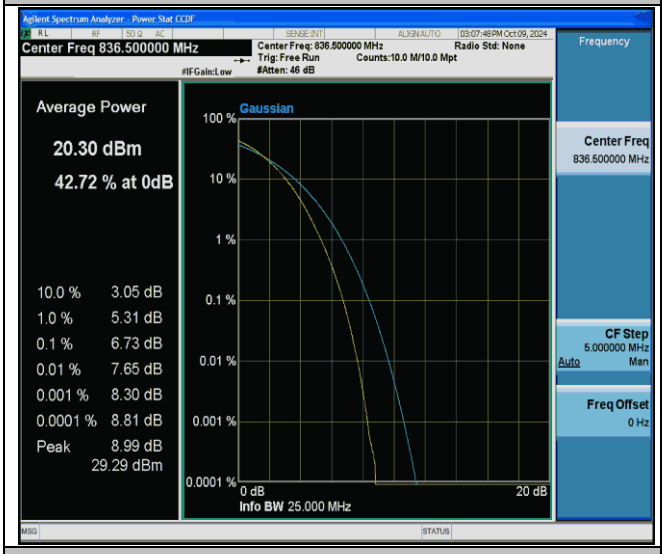

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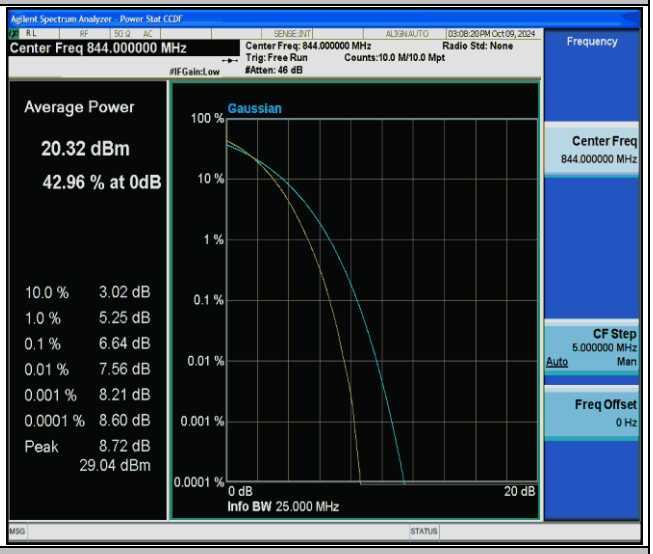

Band5-10MHz-256QAM-20600-100RB#0-PASS

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26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	OBW (MHz)	26dB EBW (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.1000	1.360	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0966	1.334	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0994	1.336	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1031	1.386	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1076	1.380	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1057	1.373	PASS
Band5	1.4MHz	64QAM	20407	6RB#0	1.0988	1.329	PASS
Band5	1.4MHz	64QAM	20525	6RB#0	1.0967	1.349	PASS
Band5	1.4MHz	64QAM	20643	6RB#0	1.0998	1.359	PASS
Band5	1.4MHz	256QAM	20407	6RB#0	1.0973	1.330	PASS
Band5	1.4MHz	256QAM	20525	6RB#0	1.0972	1.351	PASS
Band5	1.4MHz	256QAM	20643	6RB#0	1.0988	1.337	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6953	3.044	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7003	3.070	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.6944	3.032	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7034	3.039	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6967	3.078	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6994	3.094	PASS
Band5	3MHz	64QAM	20415	15RB#0	2.7001	2.998	PASS
Band5	3MHz	64QAM	20525	15RB#0	2.7052	3.055	PASS
Band5	3MHz	64QAM	20635	15RB#0	2.7019	3.068	PASS
Band5	3MHz	256QAM	20415	15RB#0	2.6987	3.066	PASS
Band5	3MHz	256QAM	20525	15RB#0	2.6904	3.056	PASS
Band5	3MHz	256QAM	20635	15RB#0	2.7024	3.052	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5064	5.145	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5089	5.143	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5079	5.131	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5125	5.148	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4991	5.141	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5102	5.206	PASS
Band5	5MHz	64QAM	20425	25RB#0	4.5044	5.077	PASS
Band5	5MHz	64QAM	20525	25RB#0	4.5160	5.139	PASS
Band5	5MHz	64QAM	20625	25RB#0	4.5150	5.229	PASS
Band5	5MHz	256QAM	20425	25RB#0	4.5044	5.147	PASS
Band5	5MHz	256QAM	20525	25RB#0	4.5060	5.132	PASS
Band5	5MHz	256QAM	20625	25RB#0	4.5153	5.155	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9973	10.11	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9957	10.10	PASS

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Band5	10MHz	QPSK	20600	50RB#0	9.0054	10.13	PASS
Band5	10MHz	16QAM	20450	50RB#0	9.0161	10.05	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0092	10.07	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0103	10.08	PASS
Band5	10MHz	64QAM	20450	50RB#0	8.9921	10.03	PASS
Band5	10MHz	64QAM	20525	50RB#0	8.9819	10.01	PASS
Band5	10MHz	64QAM	20600	50RB#0	9.0016	10.04	PASS
Band5	10MHz	256QAM	20450	50RB#0	9.0155	10.06	PASS
Band5	10MHz	256QAM	20525	50RB#0	9.0121	10.03	PASS
Band5	10MHz	256QAM	20600	50RB#0	8.9975	10.12	PASS

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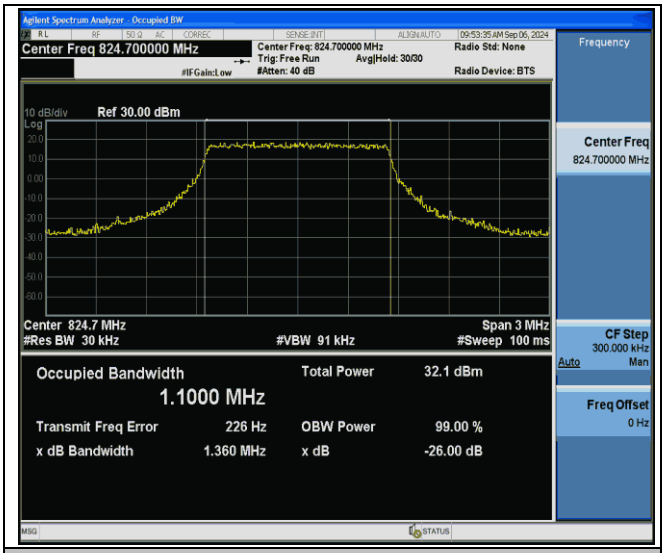
Test Graphs



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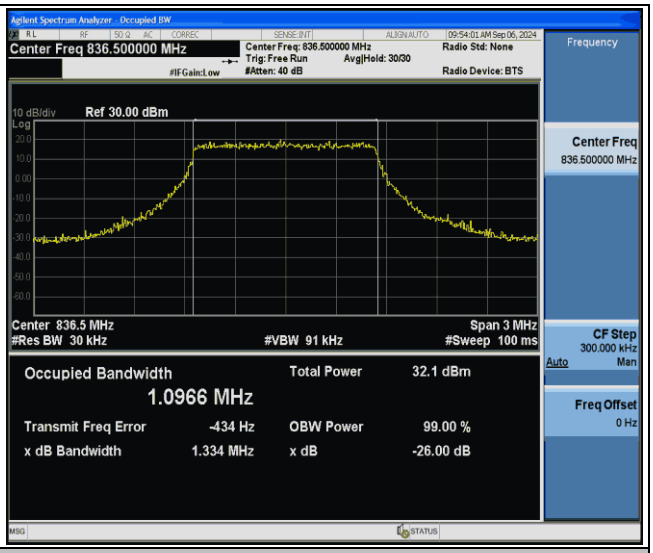

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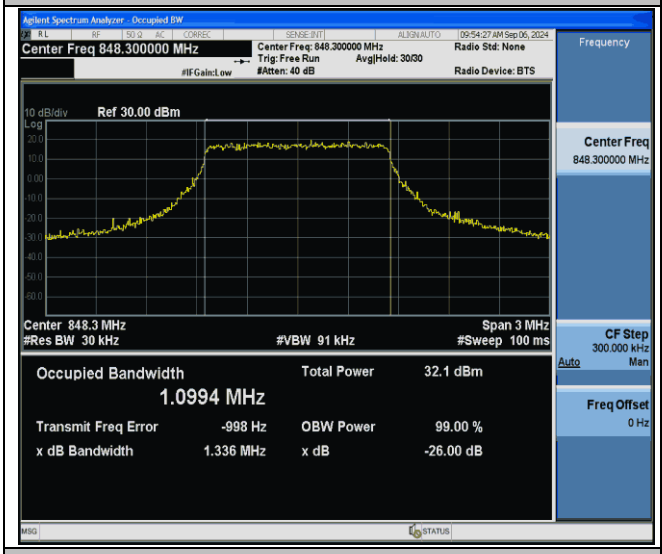

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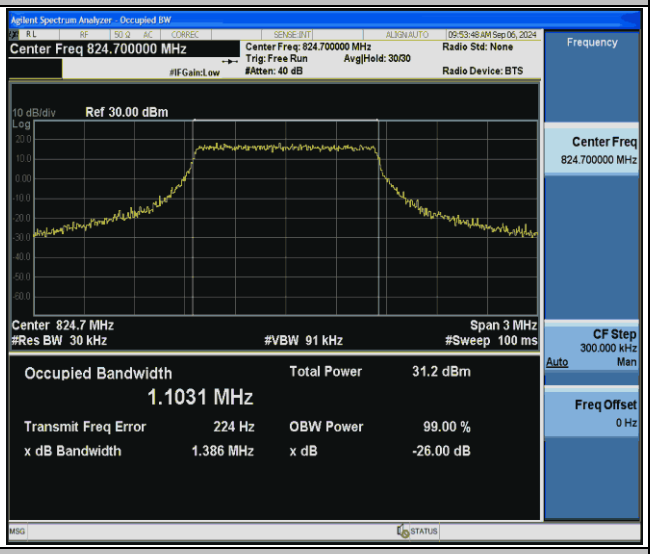
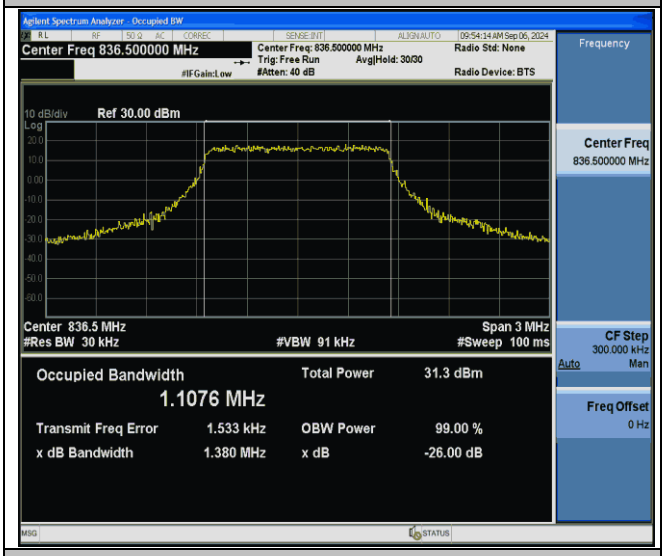


Band5-1.4MHz-16QAM-20407-6RB#0-PASS



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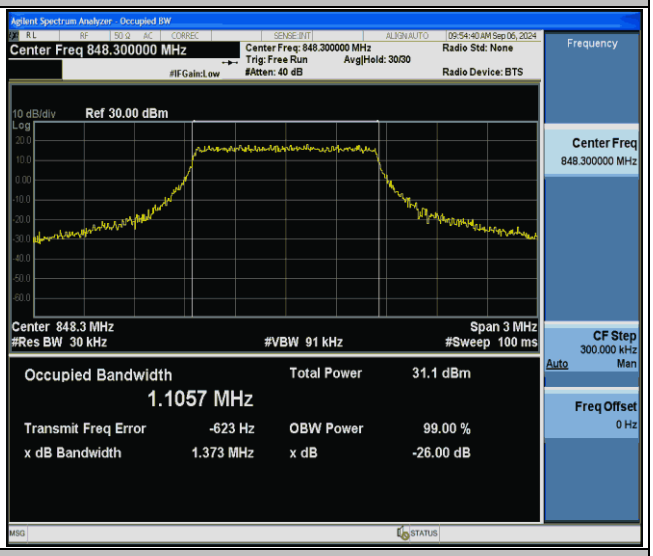

Band5-1.4MHz-16QAM-20643-6RB#0-PASS

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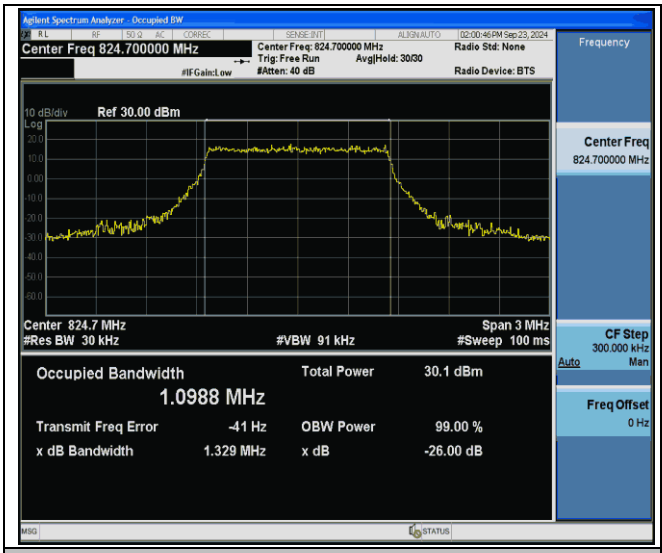

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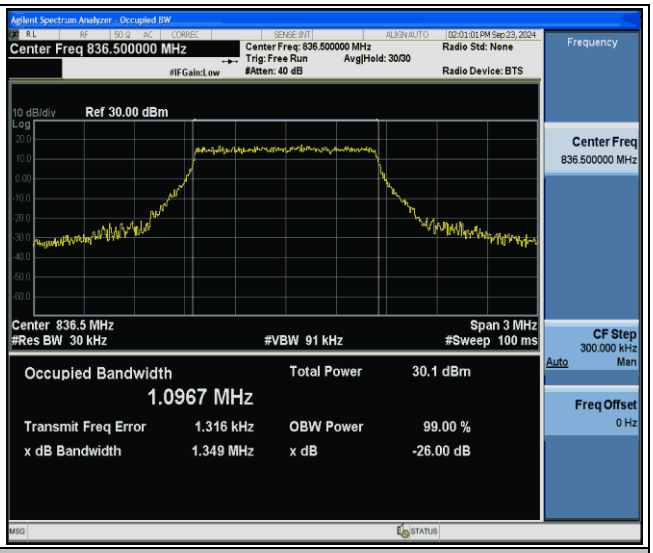

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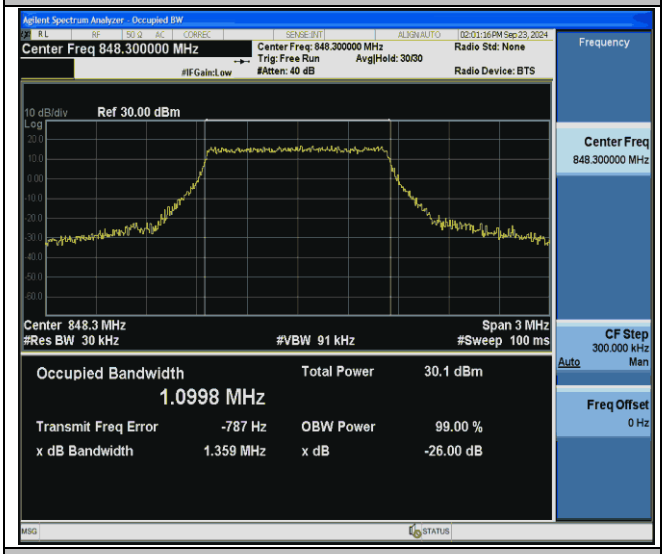

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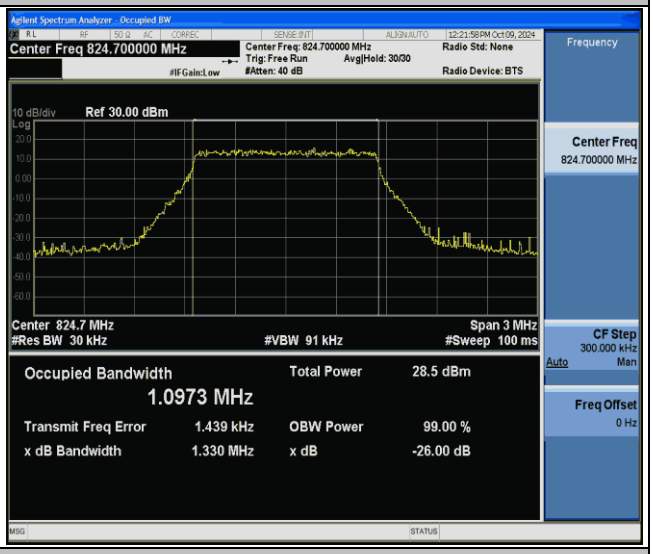

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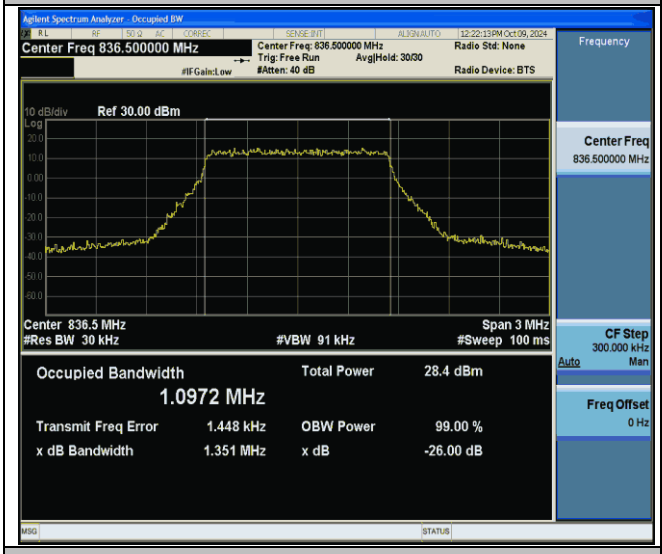

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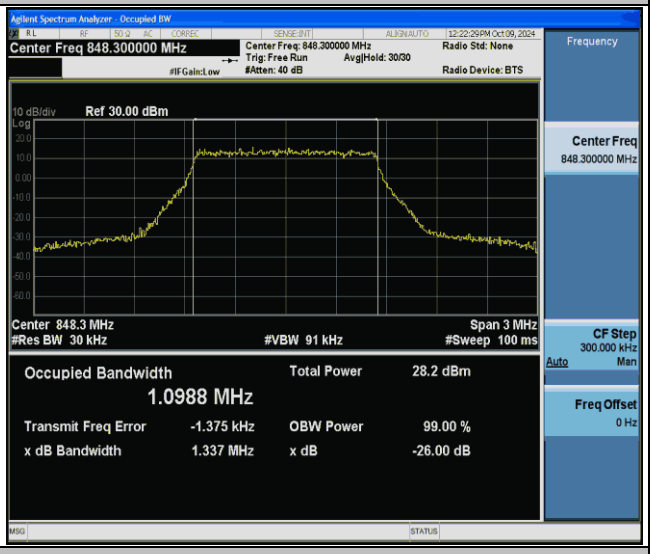

Band5-1.4MHz-256QAM-20643-6RB#0-PASS

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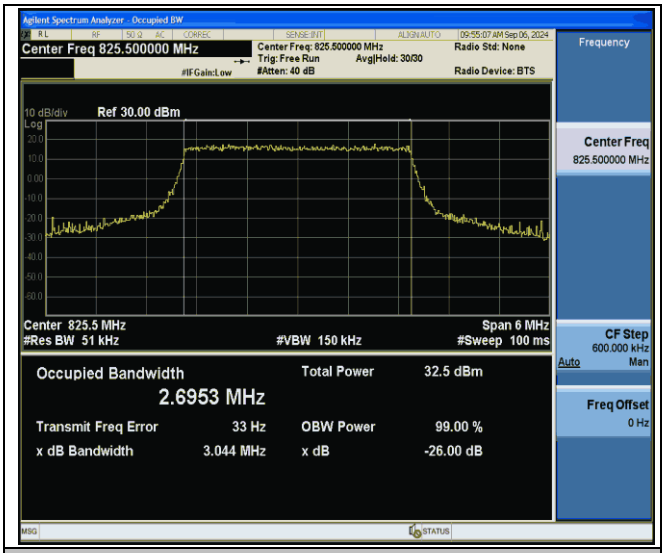

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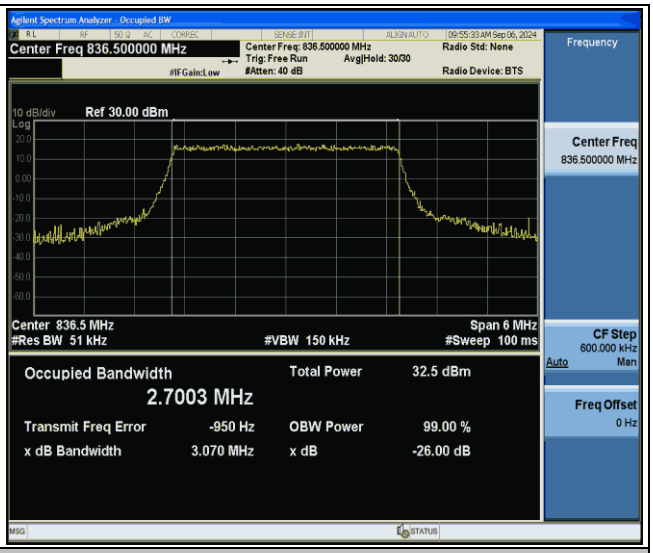

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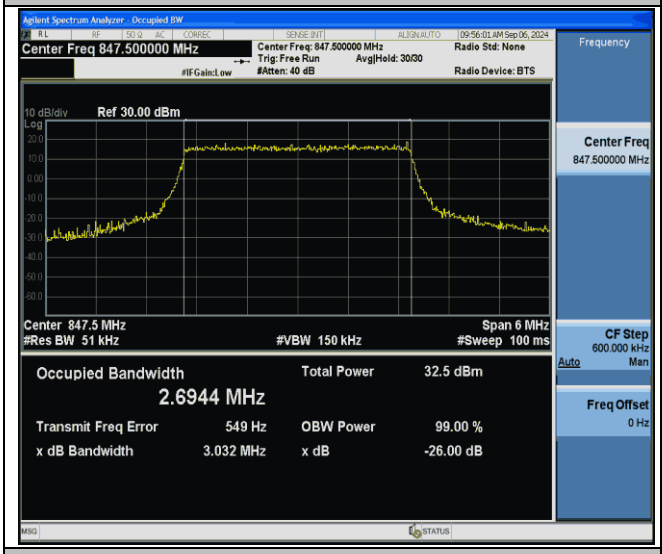

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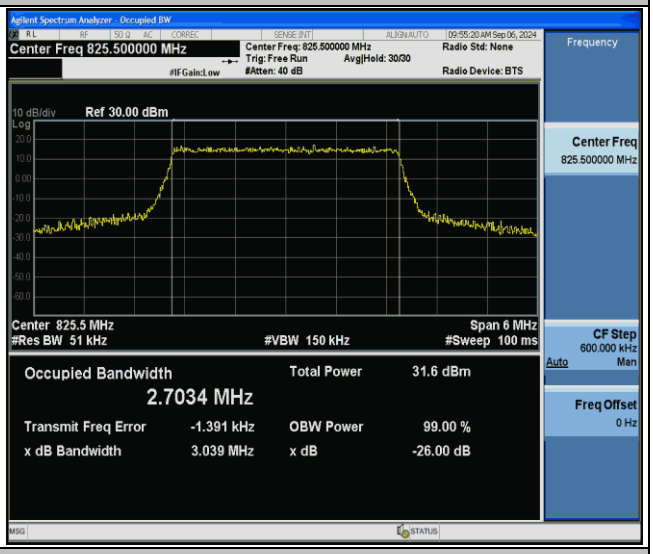

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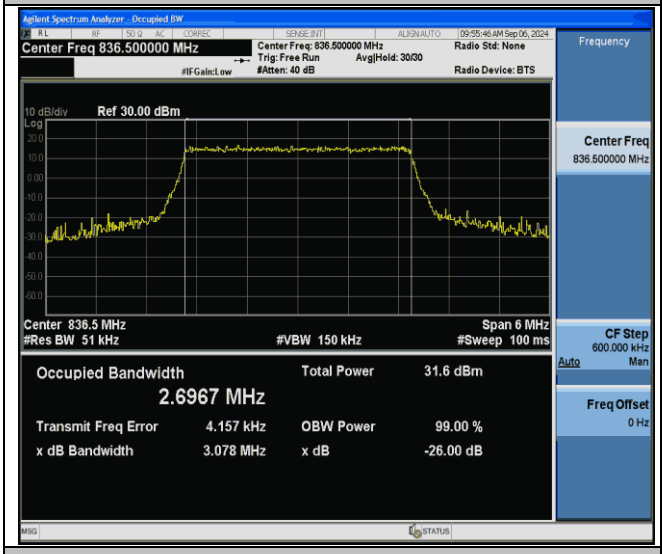

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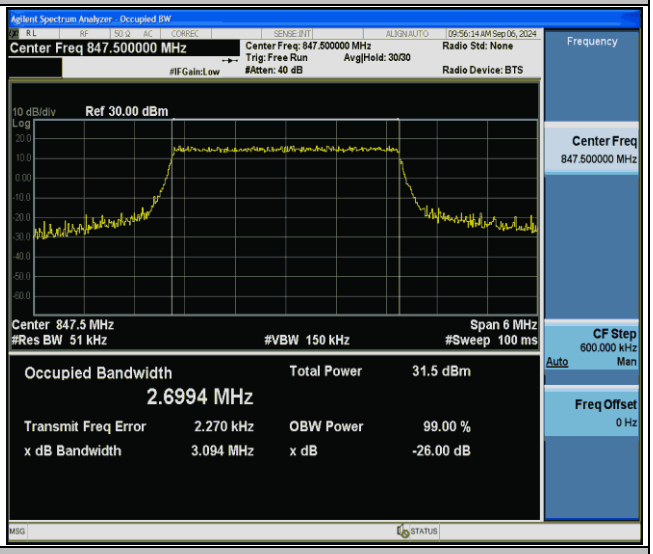

Band5-3MHz-16QAM-20635-15RB#0-PASS

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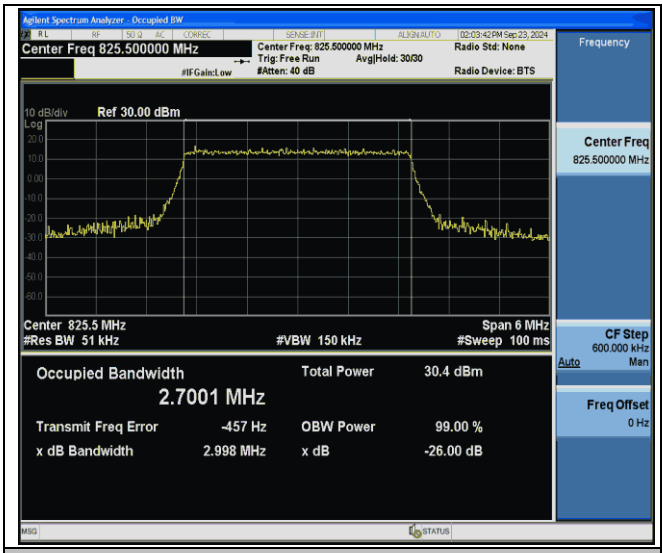

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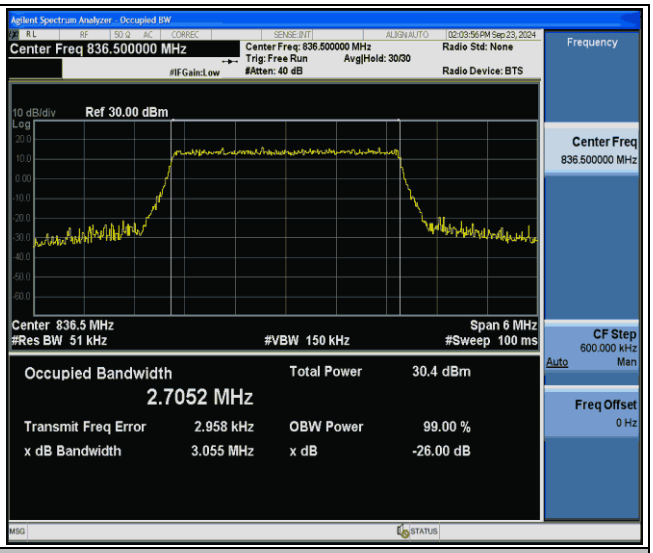

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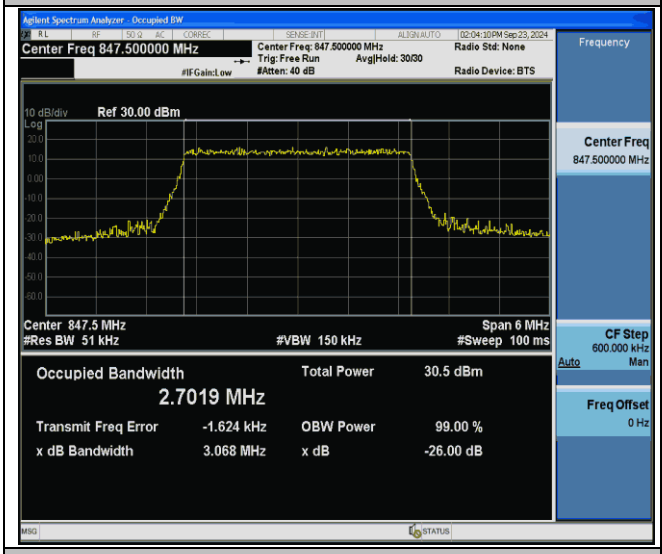

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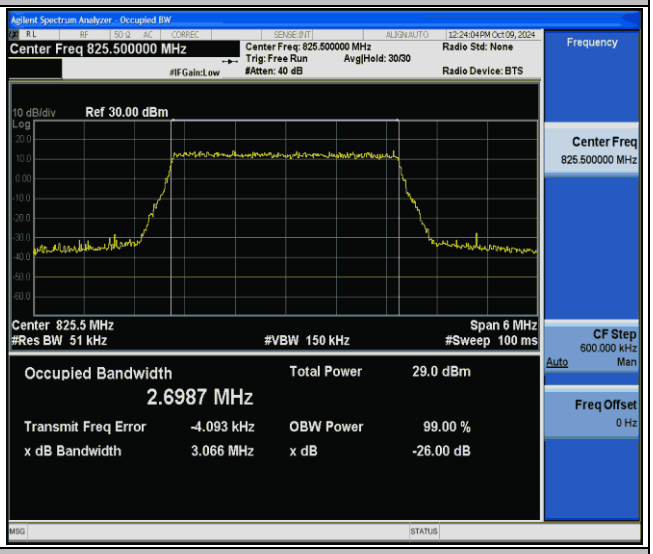

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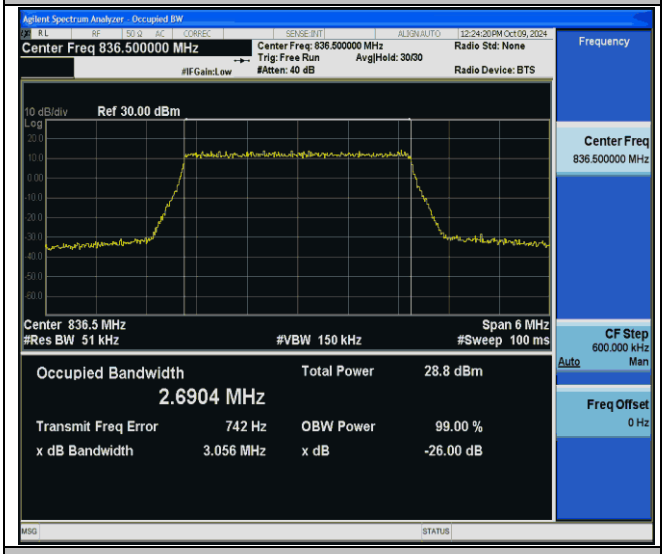

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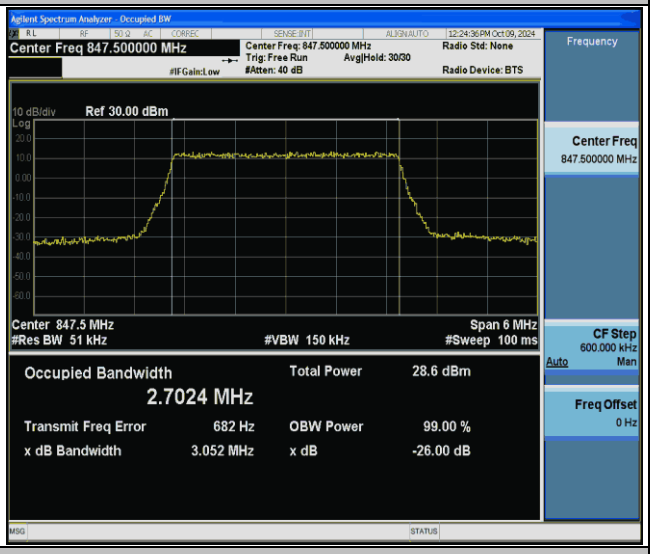

Band5-3MHz-256QAM-20635-15RB#0-PASS

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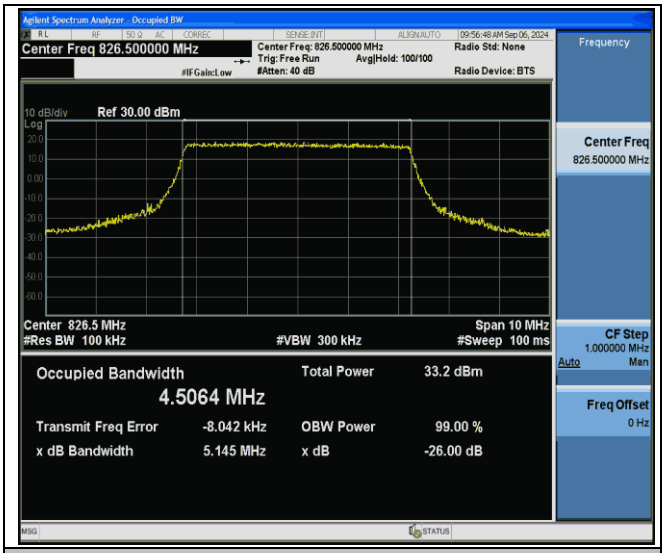

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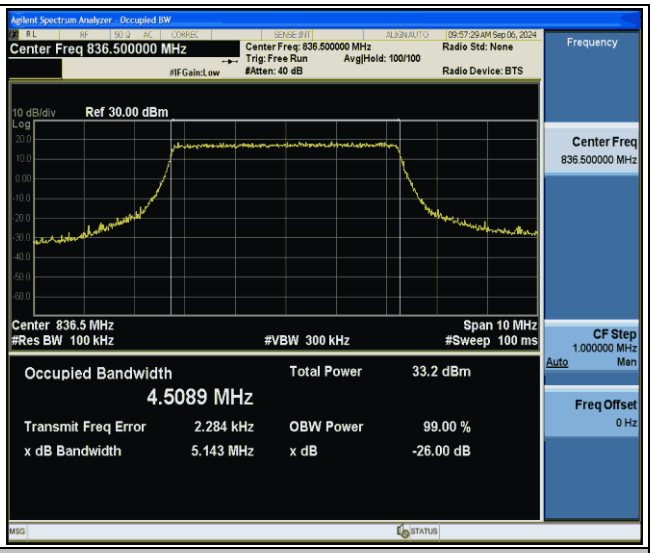

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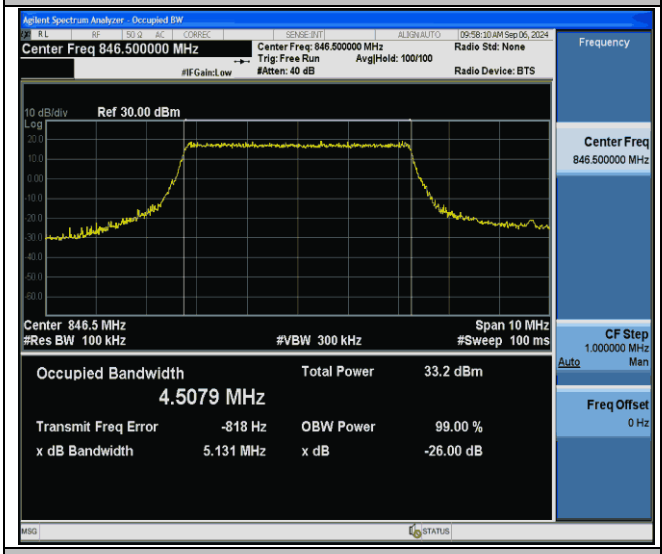

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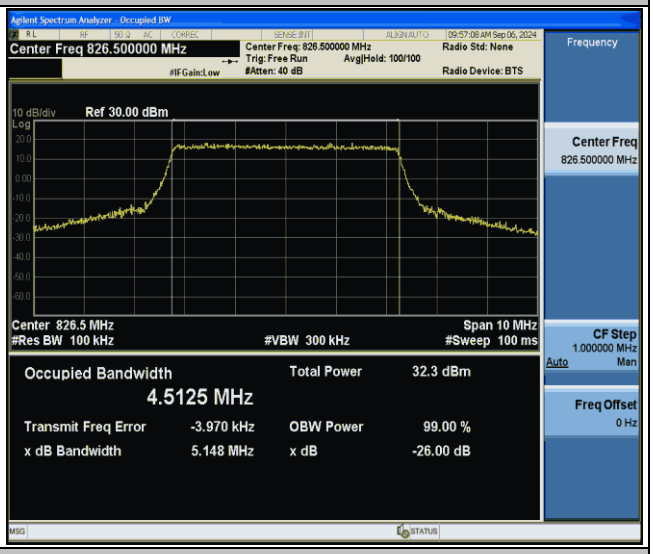

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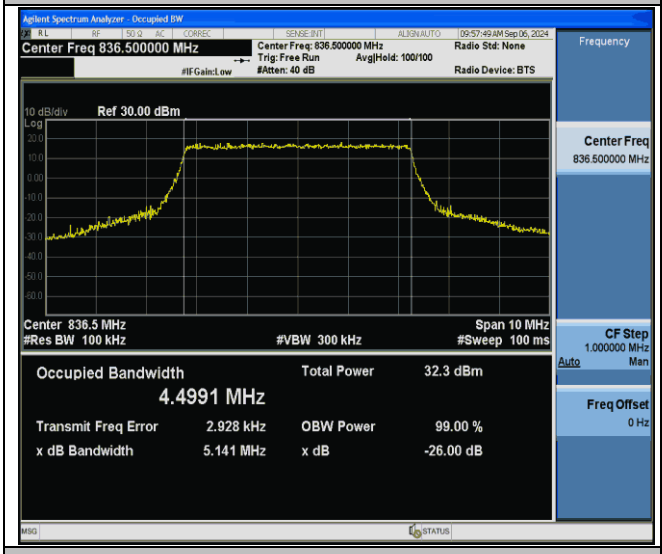

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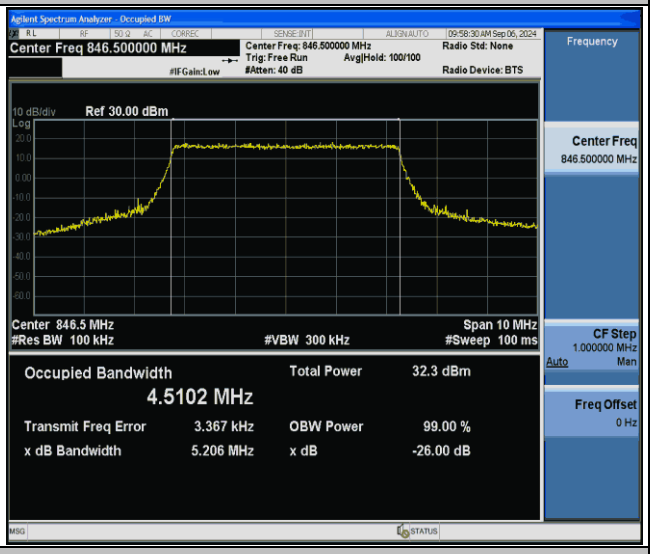

Band5-5MHz-16QAM-20625-25RB#0-PASS

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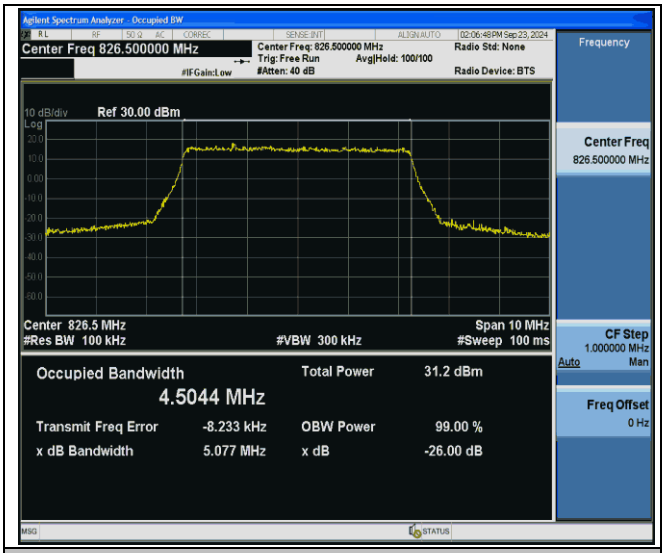
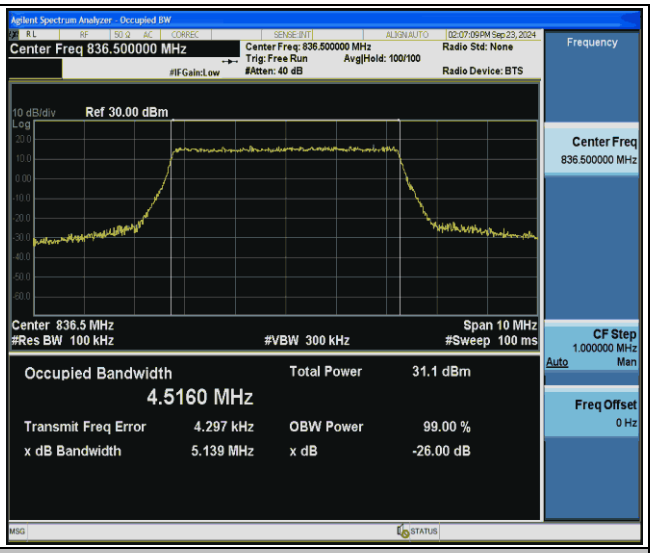


Band5-5MHz-64QAM-20425-25RB#0-PASS



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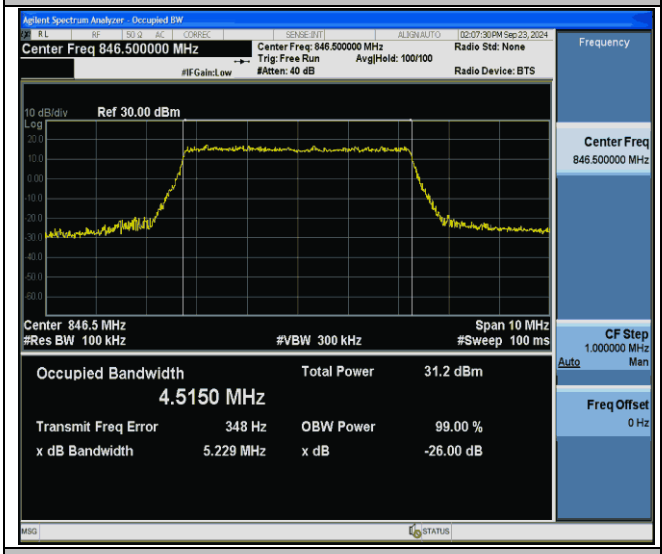

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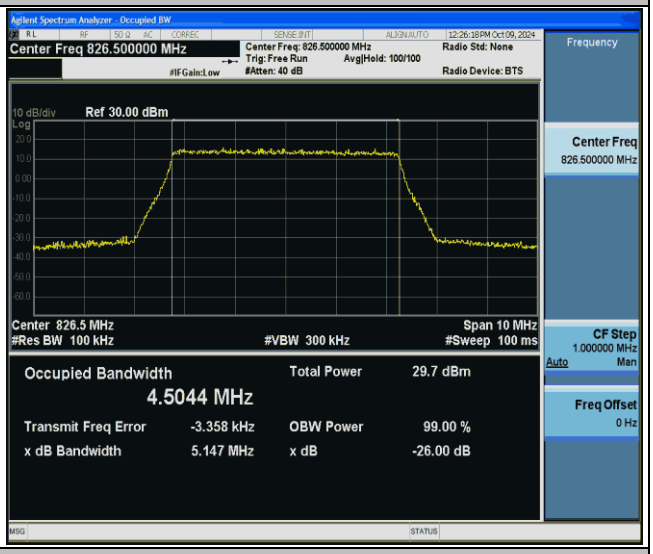
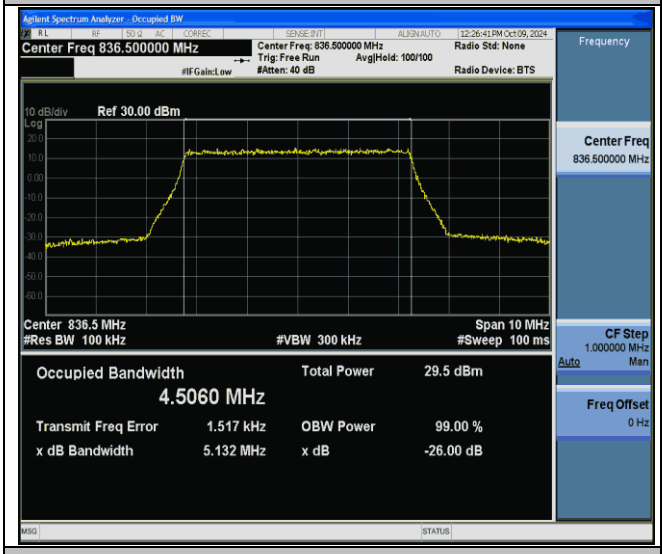


Band5-5MHz-256QAM-20425-25RB#0-PASS



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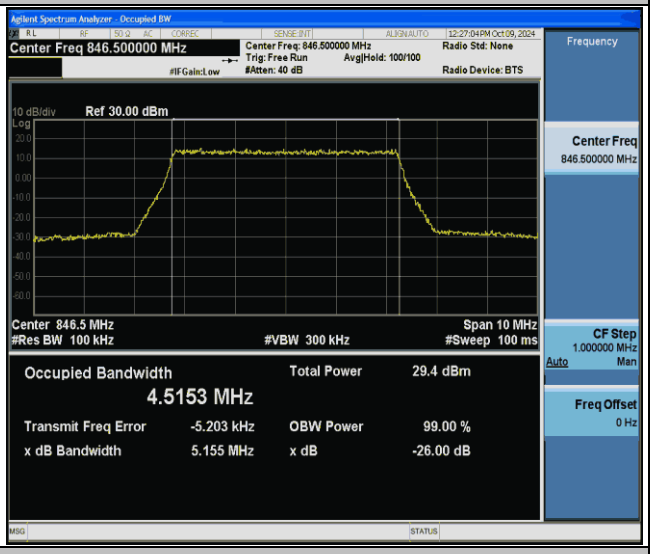

Band5-5MHz-256QAM-20625-25RB#0-PASS

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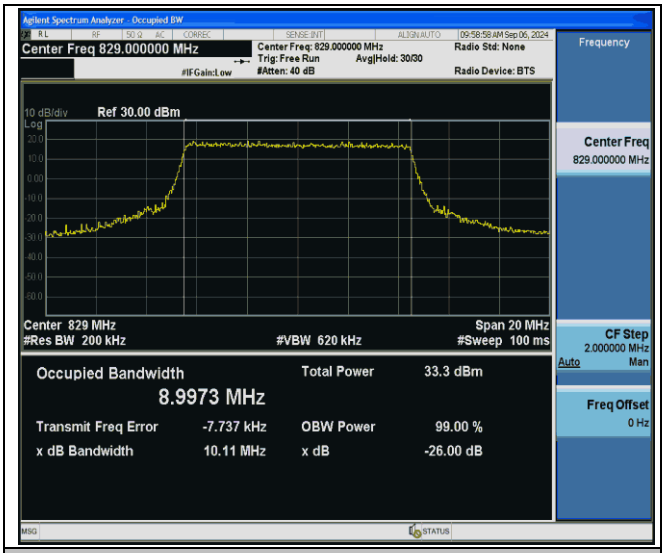
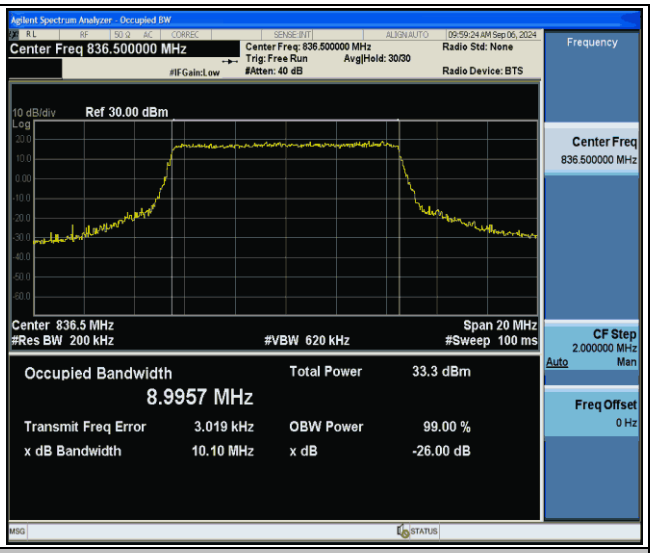


Band5-10MHz-QPSK-20450-50RB#0-PASS



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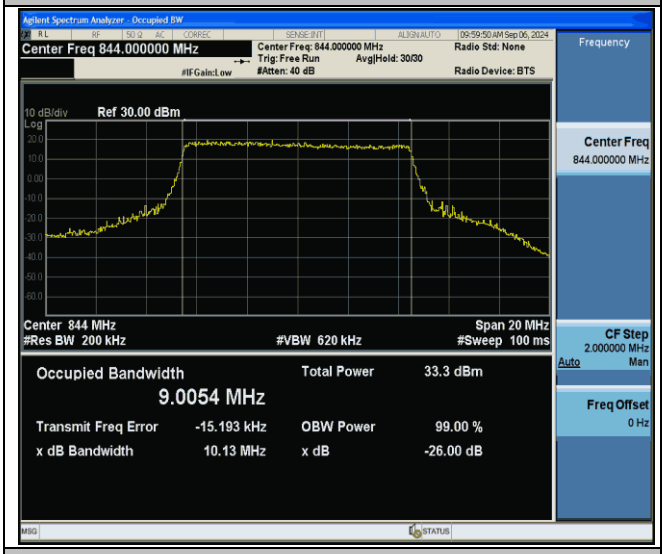
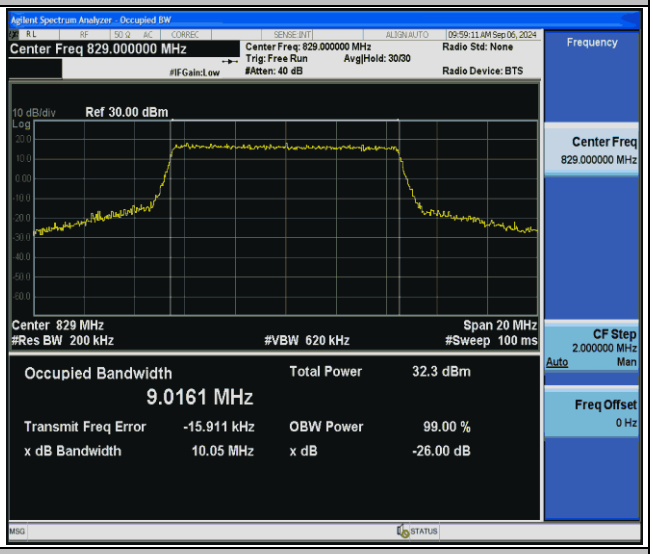
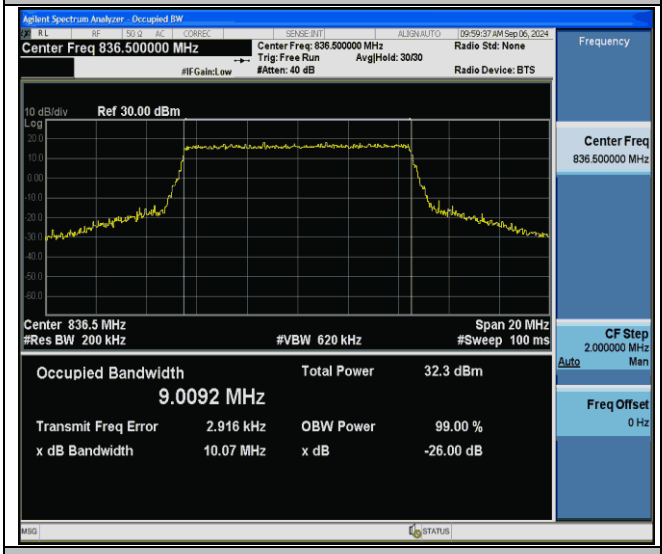


Band5-10MHz-QPSK-20600-50RB#0-PASS



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



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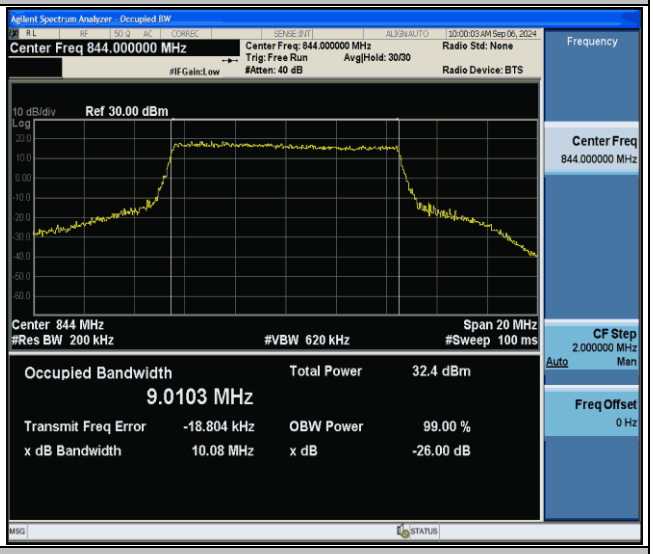

Band5-10MHz-16QAM-20600-50RB#0-PASS

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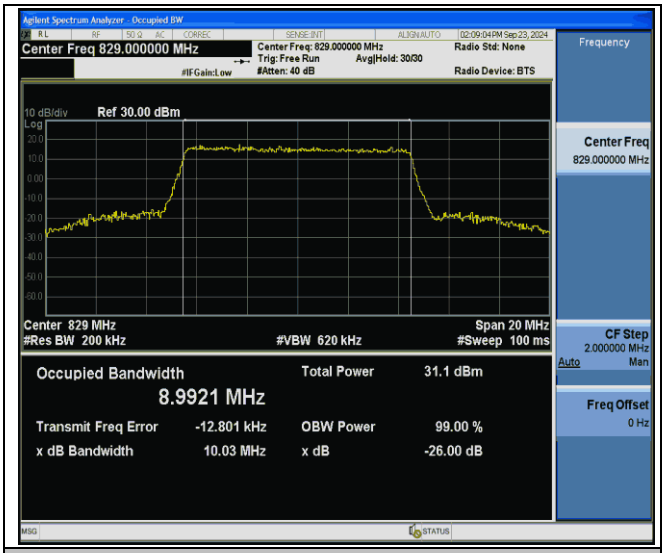
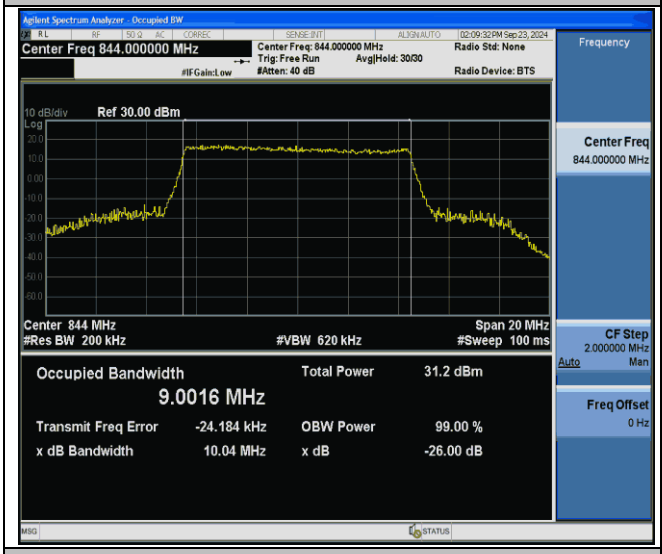


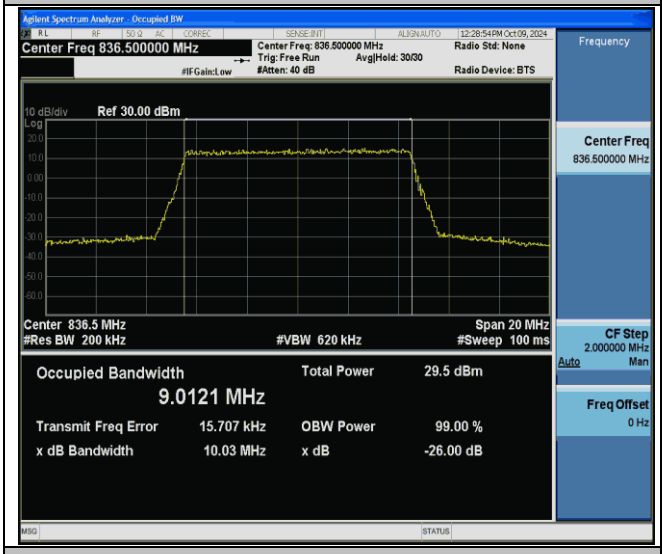
Band5-10MHz-64QAM-20450-50RB#0-PASS

Band5-10MHz-64QAM-20525-50RB#0-PASS

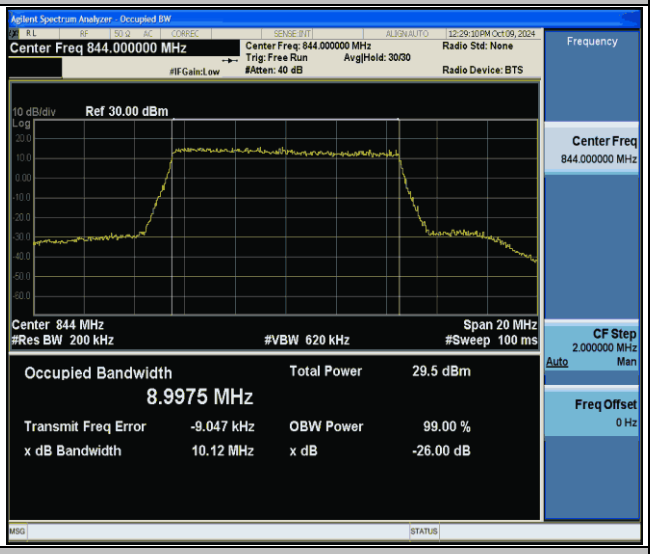


Band5-10MHz-64QAM-20600-50RB#0-PASS

Band5-10MHz-256QAM-20450-50RB#0-PASS



Band5-10MHz-256QAM-20525-50RB#0-PASS



Band5-10MHz-256QAM-20600-50RB#0-PASS

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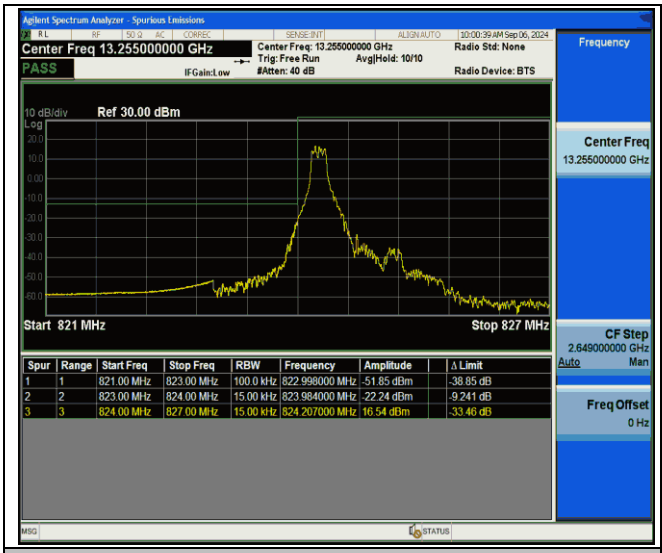
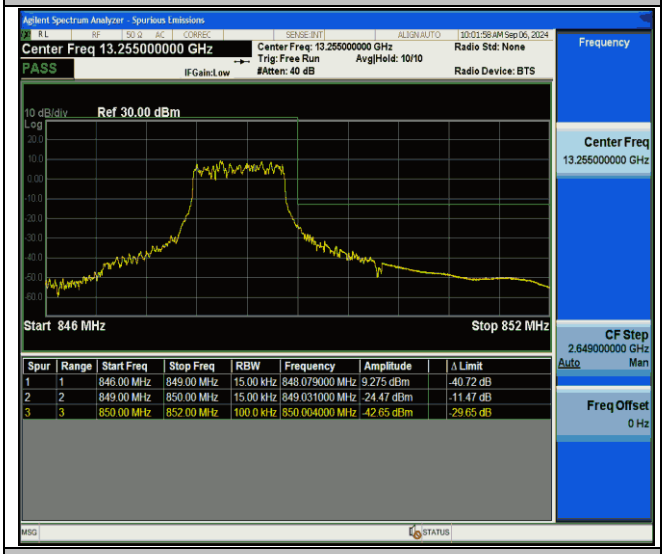
Band Edge

Test Graphs

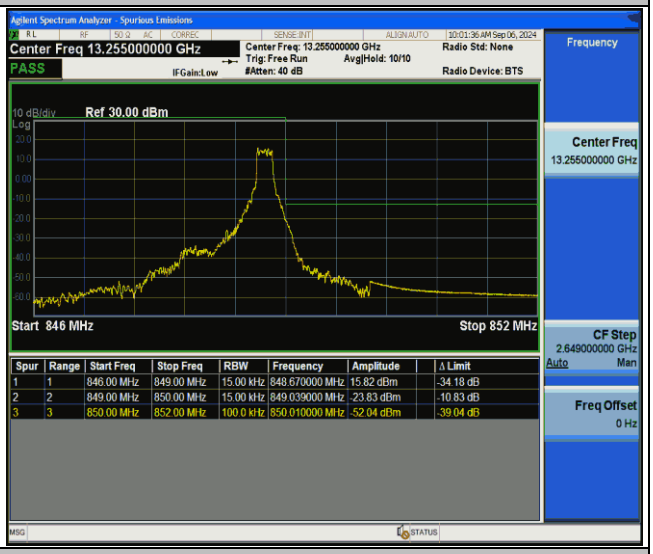


Band5-1.4MHz-QPSK-20407-1RB#0-PASS

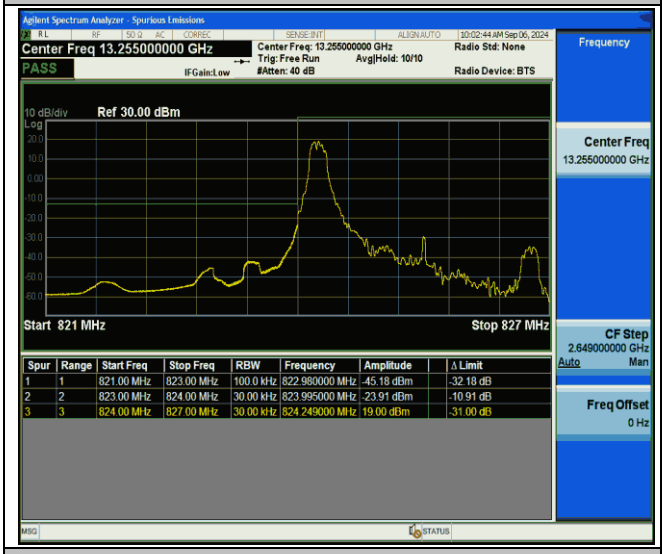
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



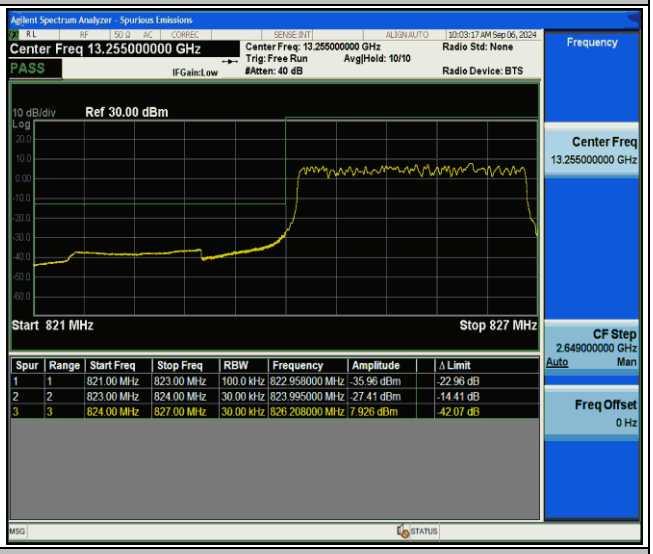
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



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



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



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

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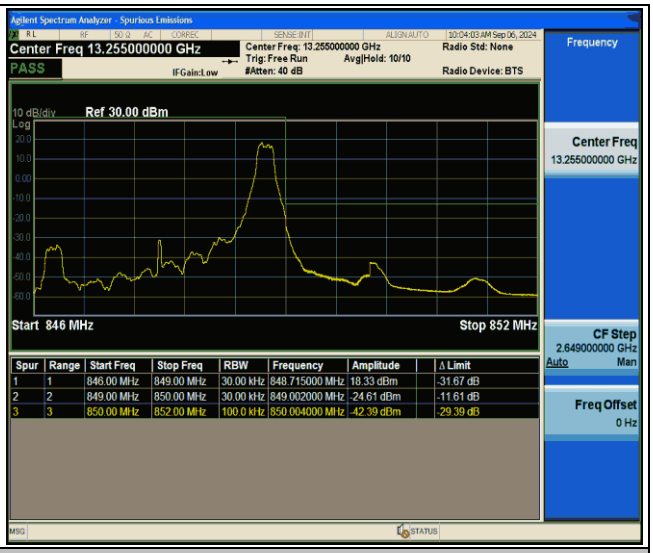
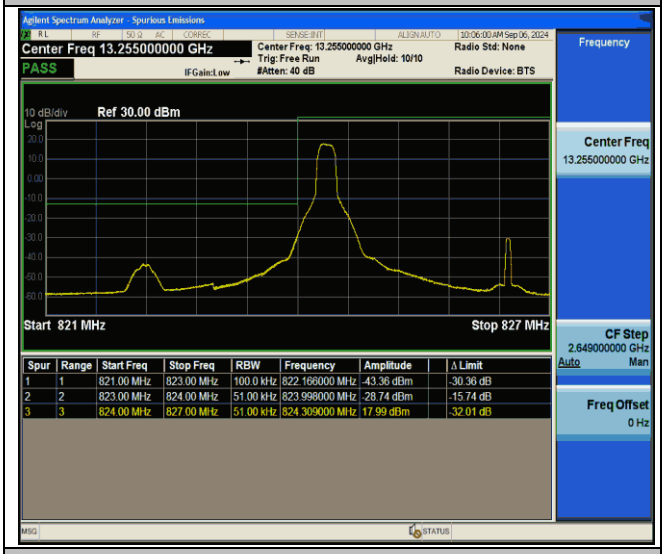
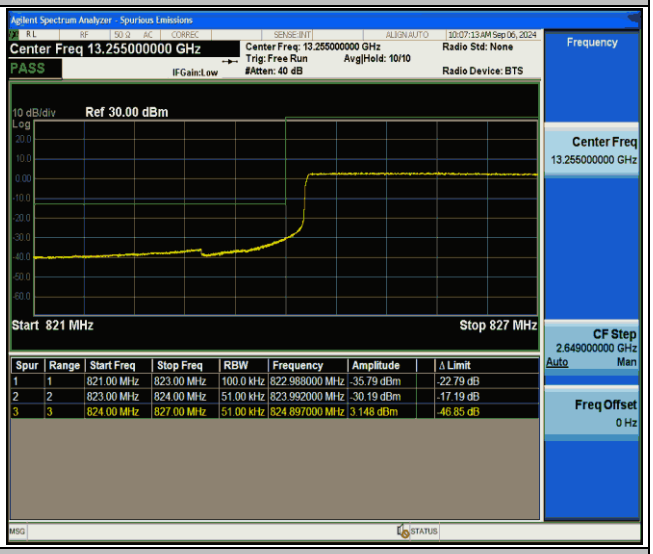
Band5-3MHz-QPSK-20635-15RB#0-PASS



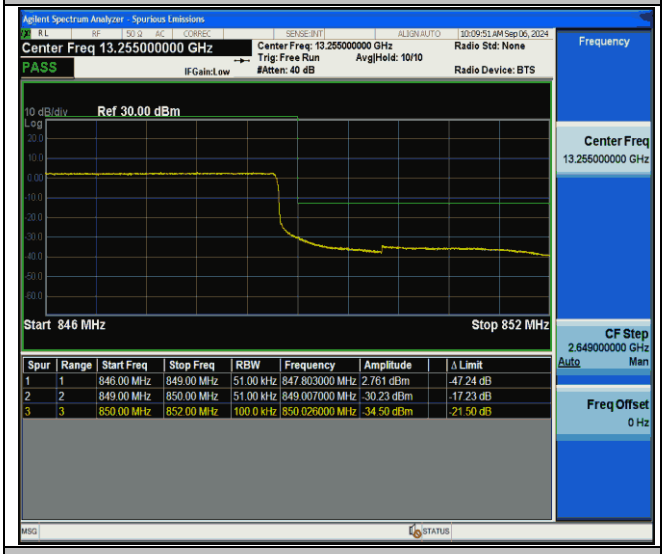
Band5-3MHz-QPSK-20635-1RB#14-PASS



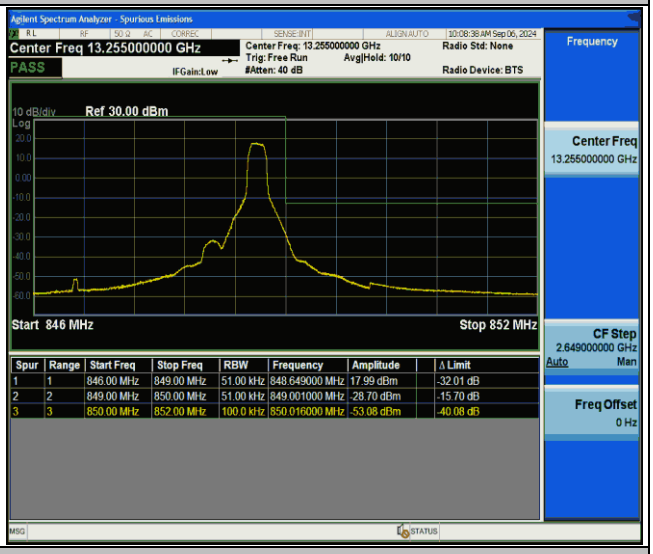
Band5-5MHz-QPSK-20425-1RB#0-PASS



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



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



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

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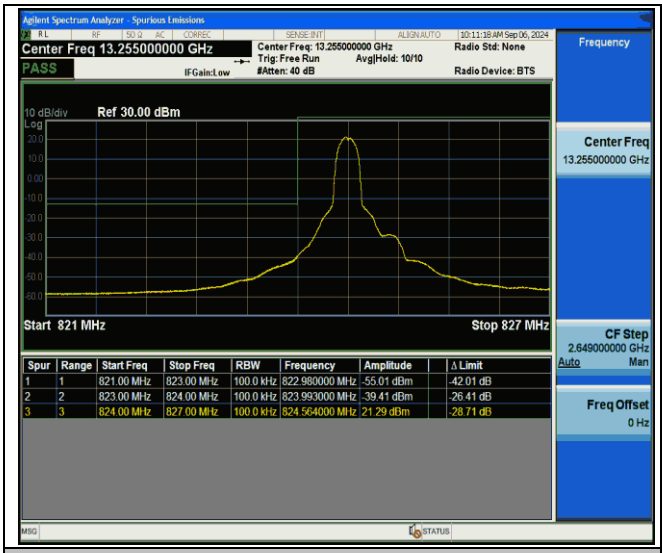
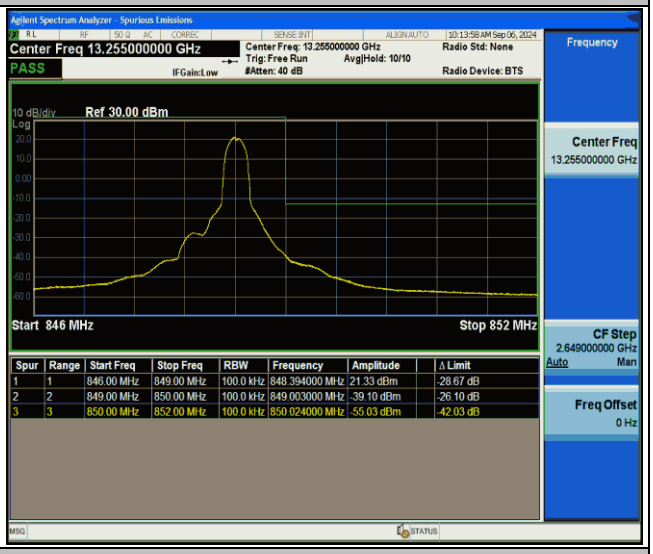


Band5-10MHz-QPSK-20450-1RB#0-PASS

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

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



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

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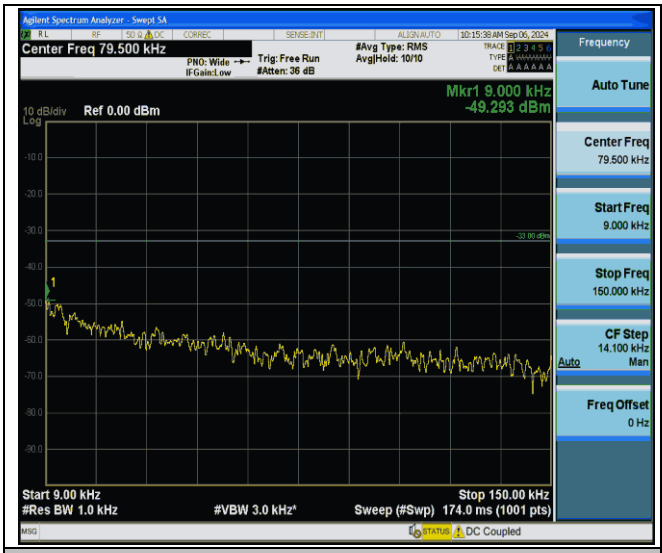
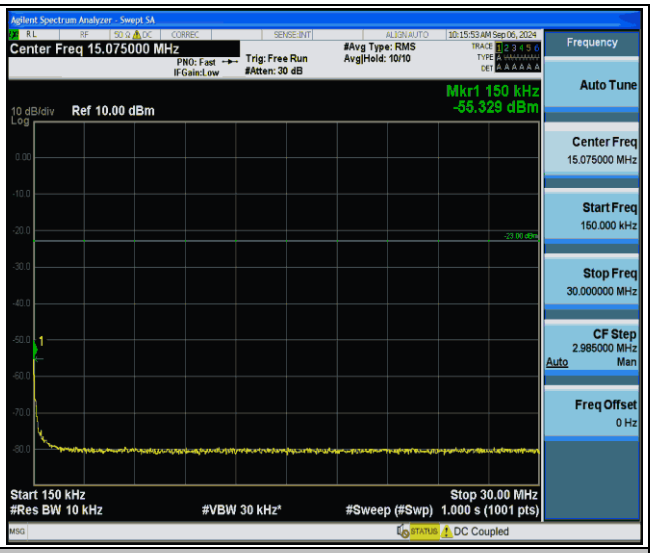
Conducted Spurious Emission

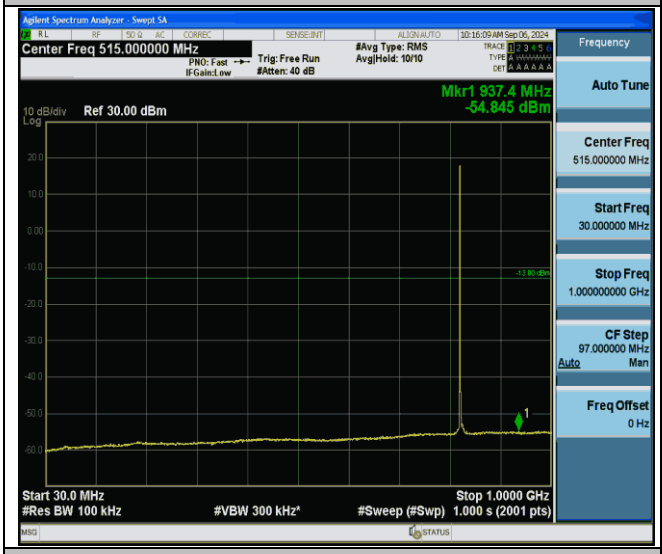
Test Graphs



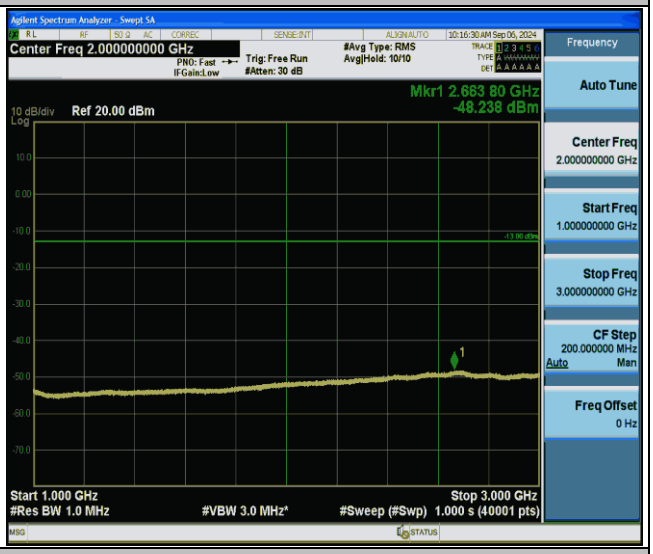
Band5-10MHz-QPSK-20450-1RB#0-0.009~0.15-PASS



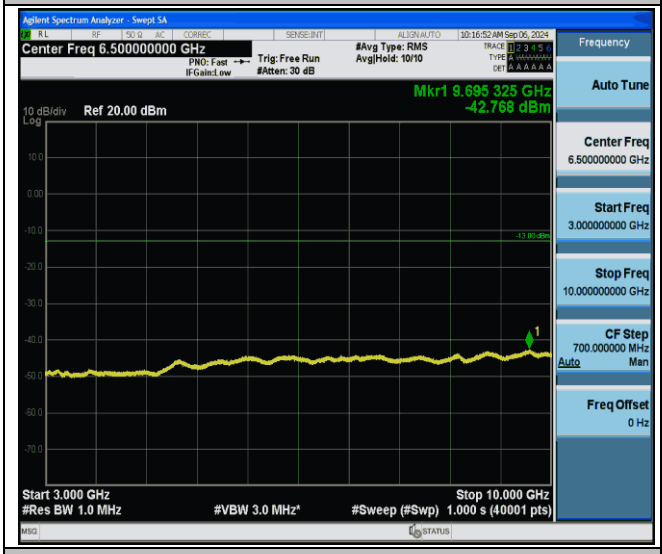
Band5-10MHz-QPSK-20450-1RB#0-0.15~30-PASS



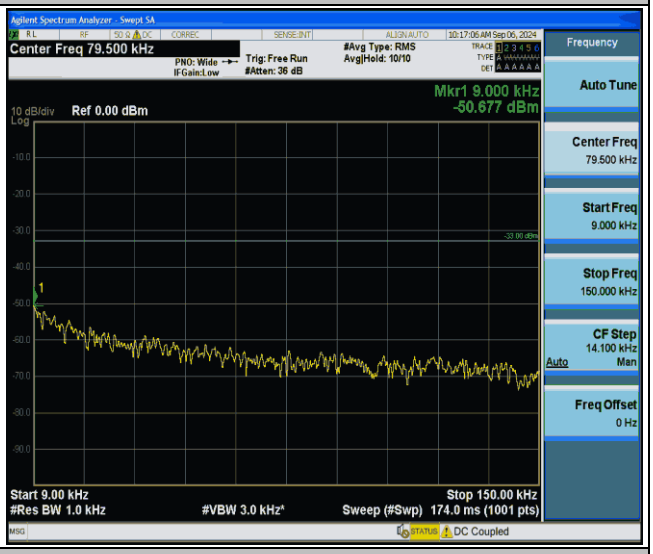
Band5-10MHz-QPSK-20450-1RB#0-30~1000-PASS



Band5-10MHz-QPSK-20450-1RB#0-1000~3000-PASS



Band5-10MHz-QPSK-20450-1RB#0-3000~10000-PASS



Band5-10MHz-QPSK-20525-1RB#0-0.009~0.15-PASS

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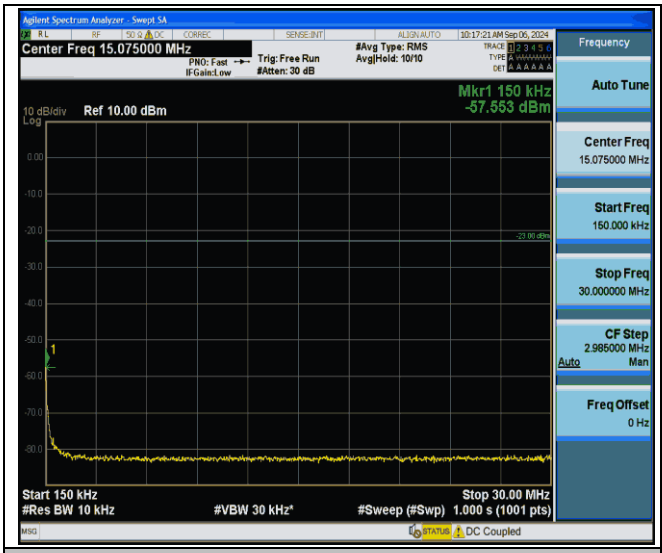
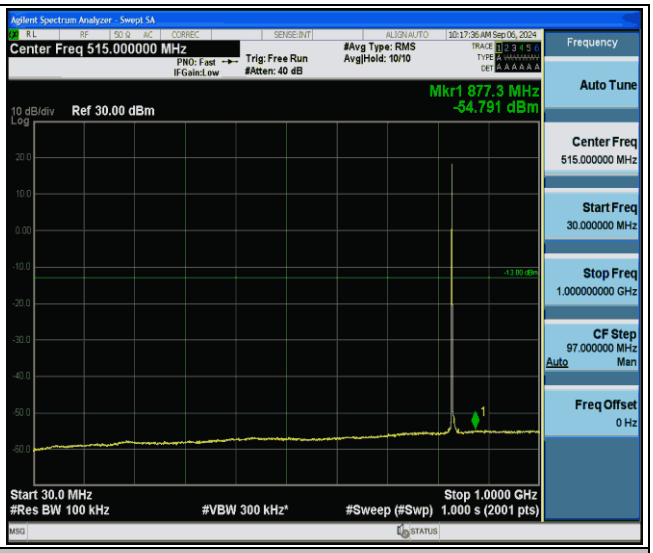
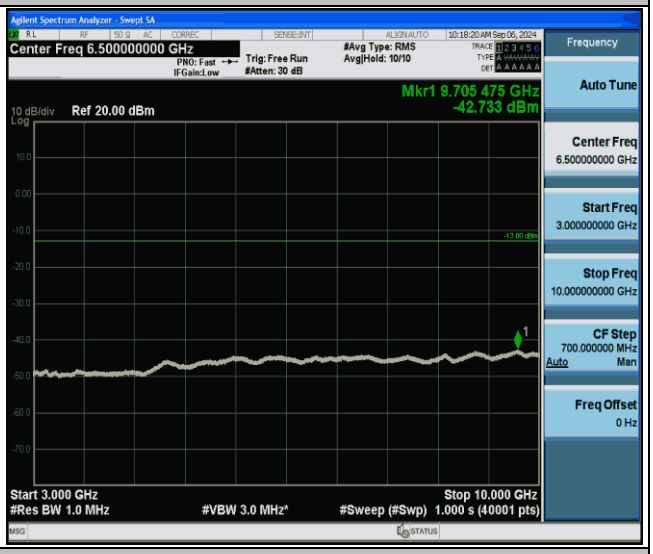


Band5-10MHz-QPSK-20525-1RB#0-0.15~30-PASS

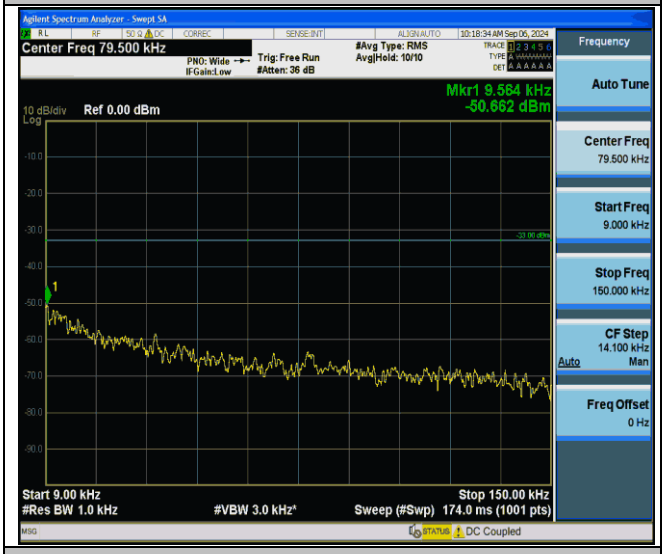


Band5-10MHz-QPSK-20525-1RB#0-30~1000-PASS

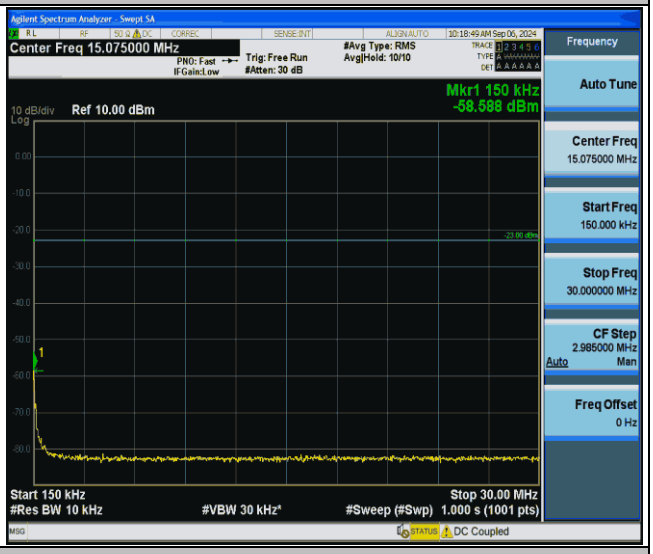
Band5-10MHz-QPSK-20525-1RB#0-1000~3000-PASS



Band5-10MHz-QPSK-20525-1RB#0-3000~10000-PASS



Band5-10MHz-QPSK-20600-1RB#0-0.009~0.15-PASS



Band5-10MHz-QPSK-20600-1RB#0-0.15~30-PASS

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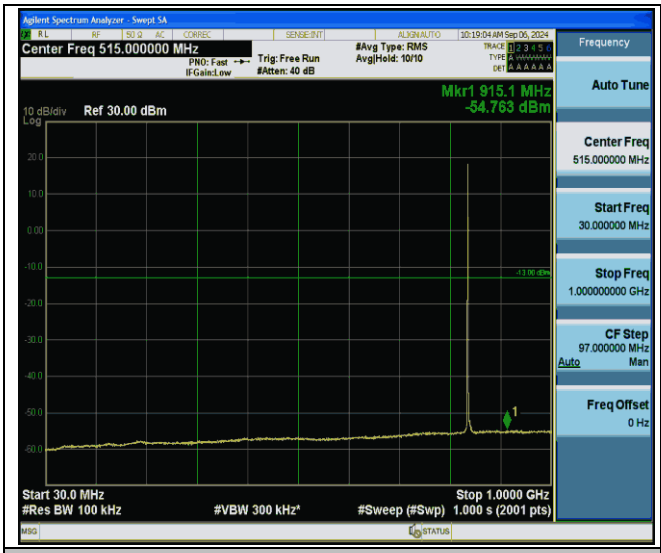
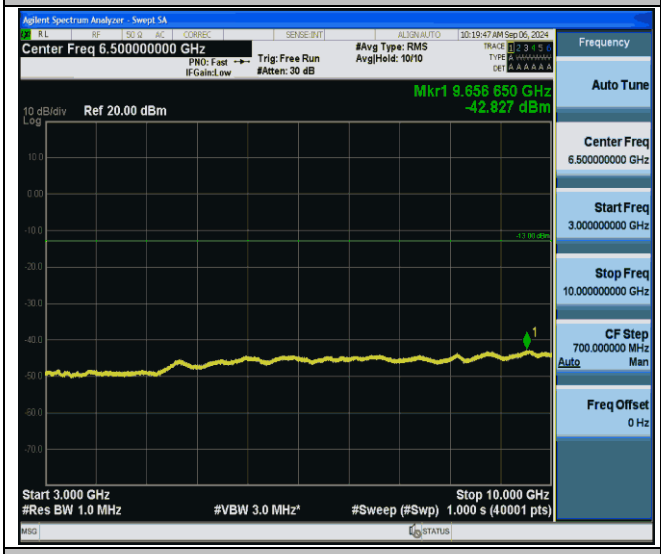


Band5-10MHz-QPSK-20600-1RB#0-30~1000-PASS

Band5-10MHz-QPSK-20600-1RB#0-1000~3000-PASS



Band5-10MHz-QPSK-20600-1RB#0-3000~10000-PASS

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Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20525	100RB#0	VN	NT	-0.60	-0.000717	±2.5	PASS
Band5	10MHz	QPSK	20525	100RB#0	VL	NT	0.10	0.000120	±2.5	PASS
Band5	10MHz	QPSK	20525	100RB#0	VH	NT	-1.00	-0.001195	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band5	10MHz	QPSK	20525	100RB#0	NV	-30	-0.70	-0.000837	±2.5	PASS
Band5	10MHz	QPSK	20525	100RB#0	NV	-20	-0.50	-0.000598	±2.5	PASS
Band5	10MHz	QPSK	20525	100RB#0	NV	-10	-0.60	-0.000717	±2.5	PASS
Band5	10MHz	QPSK	20525	100RB#0	NV	0	-1.70	-0.002032	±2.5	PASS
Band5	10MHz	QPSK	20525	100RB#0	NV	10	-0.70	-0.000837	±2.5	PASS
Band5	10MHz	QPSK	20525	100RB#0	NV	20	0.10	0.000120	±2.5	PASS
Band5	10MHz	QPSK	20525	100RB#0	NV	30	-0.70	-0.000837	±2.5	PASS
Band5	10MHz	QPSK	20525	100RB#0	NV	40	-1.60	-0.001913	±2.5	PASS
Band5	10MHz	QPSK	20525	100RB#0	NV	50	-1.40	-0.001674	±2.5	PASS

~The End~

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