

Appendix for LTE Band 5

Applicant: Launch Tech Co., Ltd.

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Shenzhen, China**

Product Name: Car Sense Vision

Model: YG5201

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Appendix A: Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	23.75	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.99	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	24.01	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.65	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	23.81	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	23.05	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	23.88	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	22.68	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	23.84	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	22.61	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	23.94	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	22.72	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	22.92	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	22.11	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	23.84	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	23.25	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	23.80	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	23.79	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	23.77	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	23.32	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	23.92	PASS
Band5	1.4MHz	16QAM	20525	3RB#0	22.70	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	23.84	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	23.04	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	23.80	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	22.72	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	22.82	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	22.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	23.94	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	22.67	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	23.98	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	24.14	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	23.82	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	22.70	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	23.91	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	22.79	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	23.88	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	23.22	PASS

Band5	1.4MHz	QPSK	20643	3RB#3	23.86	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	22.85	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	22.86	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	22.06	PASS
Band5	3MHz	QPSK	20415	1RB#0	23.97	PASS
Band5	3MHz	16QAM	20415	1RB#0	22.71	PASS
Band5	3MHz	QPSK	20415	1RB#8	24.06	PASS
Band5	3MHz	16QAM	20415	1RB#8	23.84	PASS
Band5	3MHz	QPSK	20415	1RB#14	24.01	PASS
Band5	3MHz	16QAM	20415	1RB#14	22.67	PASS
Band5	3MHz	QPSK	20415	8RB#0	22.81	PASS
Band5	3MHz	16QAM	20415	8RB#0	22.04	PASS
Band5	3MHz	QPSK	20415	8RB#4	22.95	PASS
Band5	3MHz	16QAM	20415	8RB#4	21.98	PASS
Band5	3MHz	QPSK	20415	8RB#7	22.95	PASS
Band5	3MHz	16QAM	20415	8RB#7	22.16	PASS
Band5	3MHz	QPSK	20415	15RB#0	22.81	PASS
Band5	3MHz	16QAM	20415	15RB#0	21.78	PASS
Band5	3MHz	QPSK	20525	1RB#0	23.78	PASS
Band5	3MHz	16QAM	20525	1RB#0	23.43	PASS
Band5	3MHz	QPSK	20525	1RB#8	23.90	PASS
Band5	3MHz	16QAM	20525	1RB#8	23.53	PASS
Band5	3MHz	QPSK	20525	1RB#14	23.77	PASS
Band5	3MHz	16QAM	20525	1RB#14	23.45	PASS
Band5	3MHz	QPSK	20525	8RB#0	22.90	PASS
Band5	3MHz	16QAM	20525	8RB#0	21.99	PASS
Band5	3MHz	QPSK	20525	8RB#4	22.91	PASS
Band5	3MHz	16QAM	20525	8RB#4	22.34	PASS
Band5	3MHz	QPSK	20525	8RB#7	22.93	PASS
Band5	3MHz	16QAM	20525	8RB#7	22.42	PASS
Band5	3MHz	QPSK	20525	15RB#0	22.80	PASS
Band5	3MHz	16QAM	20525	15RB#0	22.39	PASS
Band5	3MHz	QPSK	20635	1RB#0	23.97	PASS
Band5	3MHz	16QAM	20635	1RB#0	22.72	PASS
Band5	3MHz	QPSK	20635	1RB#8	23.91	PASS
Band5	3MHz	16QAM	20635	1RB#8	23.37	PASS
Band5	3MHz	QPSK	20635	1RB#14	23.33	PASS
Band5	3MHz	16QAM	20635	1RB#14	22.67	PASS
Band5	3MHz	QPSK	20635	8RB#0	22.79	PASS
Band5	3MHz	16QAM	20635	8RB#0	22.13	PASS
Band5	3MHz	QPSK	20635	8RB#4	22.83	PASS
Band5	3MHz	16QAM	20635	8RB#4	21.86	PASS
Band5	3MHz	QPSK	20635	8RB#7	22.94	PASS

Band5	3MHz	16QAM	20635	8RB#7	21.97	PASS
Band5	3MHz	QPSK	20635	15RB#0	22.74	PASS
Band5	3MHz	16QAM	20635	15RB#0	21.87	PASS
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Band5	5MHz	16QAM	20425	1RB#0	22.57	PASS
Band5	5MHz	QPSK	20425	1RB#12	23.86	PASS
Band5	5MHz	16QAM	20425	1RB#12	22.87	PASS
Band5	5MHz	QPSK	20425	1RB#24	24.03	PASS
Band5	5MHz	16QAM	20425	1RB#24	22.73	PASS
Band5	5MHz	QPSK	20425	12RB#0	22.92	PASS
Band5	5MHz	16QAM	20425	12RB#0	21.91	PASS
Band5	5MHz	QPSK	20425	12RB#6	22.81	PASS
Band5	5MHz	16QAM	20425	12RB#6	22.02	PASS
Band5	5MHz	QPSK	20425	12RB#13	22.92	PASS
Band5	5MHz	16QAM	20425	12RB#13	21.88	PASS
Band5	5MHz	QPSK	20425	25RB#0	22.92	PASS
Band5	5MHz	16QAM	20425	25RB#0	21.93	PASS
Band5	5MHz	QPSK	20525	1RB#0	24.09	PASS
Band5	5MHz	16QAM	20525	1RB#0	22.69	PASS
Band5	5MHz	QPSK	20525	1RB#12	23.93	PASS
Band5	5MHz	16QAM	20525	1RB#12	22.30	PASS
Band5	5MHz	QPSK	20525	1RB#24	24.06	PASS
Band5	5MHz	16QAM	20525	1RB#24	22.87	PASS
Band5	5MHz	QPSK	20525	12RB#0	22.96	PASS
Band5	5MHz	16QAM	20525	12RB#0	21.90	PASS
Band5	5MHz	QPSK	20525	12RB#6	22.89	PASS
Band5	5MHz	16QAM	20525	12RB#6	22.20	PASS
Band5	5MHz	QPSK	20525	12RB#13	22.88	PASS
Band5	5MHz	16QAM	20525	12RB#13	22.29	PASS
Band5	5MHz	QPSK	20525	25RB#0	22.90	PASS
Band5	5MHz	16QAM	20525	25RB#0	22.34	PASS
Band5	5MHz	QPSK	20625	1RB#0	23.93	PASS
Band5	5MHz	16QAM	20625	1RB#0	22.33	PASS
Band5	5MHz	QPSK	20625	1RB#12	23.79	PASS
Band5	5MHz	16QAM	20625	1RB#12	22.22	PASS
Band5	5MHz	QPSK	20625	1RB#24	23.59	PASS
Band5	5MHz	16QAM	20625	1RB#24	22.31	PASS
Band5	5MHz	QPSK	20625	12RB#0	22.83	PASS
Band5	5MHz	16QAM	20625	12RB#0	21.99	PASS
Band5	5MHz	QPSK	20625	12RB#6	22.90	PASS
Band5	5MHz	16QAM	20625	12RB#6	21.97	PASS
Band5	5MHz	QPSK	20625	12RB#13	22.84	PASS
Band5	5MHz	16QAM	20625	12RB#13	21.91	PASS

Band5	5MHz	QPSK	20625	25RB#0	22.85	PASS
Band5	5MHz	16QAM	20625	25RB#0	22.10	PASS
Band5	10MHz	QPSK	20450	1RB#0	23.89	PASS
Band5	10MHz	16QAM	20450	1RB#0	22.21	PASS
Band5	10MHz	QPSK	20450	1RB#24	24.00	PASS
Band5	10MHz	16QAM	20450	1RB#24	23.24	PASS
Band5	10MHz	QPSK	20450	1RB#49	23.86	PASS
Band5	10MHz	16QAM	20450	1RB#49	22.29	PASS
Band5	10MHz	QPSK	20450	25RB#0	22.87	PASS
Band5	10MHz	16QAM	20450	25RB#0	22.02	PASS
Band5	10MHz	QPSK	20450	25RB#12	22.87	PASS
Band5	10MHz	16QAM	20450	25RB#12	21.95	PASS
Band5	10MHz	QPSK	20450	25RB#25	22.72	PASS
Band5	10MHz	16QAM	20450	25RB#25	22.02	PASS
Band5	10MHz	QPSK	20450	50RB#0	22.93	PASS
Band5	10MHz	16QAM	20450	50RB#0	21.92	PASS
Band5	10MHz	QPSK	20525	1RB#0	23.93	PASS
Band5	10MHz	16QAM	20525	1RB#0	22.71	PASS
Band5	10MHz	QPSK	20525	1RB#24	23.89	PASS
Band5	10MHz	16QAM	20525	1RB#24	22.71	PASS
Band5	10MHz	QPSK	20525	1RB#49	23.96	PASS
Band5	10MHz	16QAM	20525	1RB#49	22.58	PASS
Band5	10MHz	QPSK	20525	25RB#0	22.74	PASS
Band5	10MHz	16QAM	20525	25RB#0	21.98	PASS
Band5	10MHz	QPSK	20525	25RB#12	22.87	PASS
Band5	10MHz	16QAM	20525	25RB#12	22.34	PASS
Band5	10MHz	QPSK	20525	25RB#25	22.98	PASS
Band5	10MHz	16QAM	20525	25RB#25	22.11	PASS
Band5	10MHz	QPSK	20525	50RB#0	22.91	PASS
Band5	10MHz	16QAM	20525	50RB#0	22.25	PASS
Band5	10MHz	QPSK	20600	1RB#0	23.90	PASS
Band5	10MHz	16QAM	20600	1RB#0	22.73	PASS
Band5	10MHz	QPSK	20600	1RB#24	23.98	PASS
Band5	10MHz	16QAM	20600	1RB#24	23.42	PASS
Band5	10MHz	QPSK	20600	1RB#49	23.73	PASS
Band5	10MHz	16QAM	20600	1RB#49	22.56	PASS
Band5	10MHz	QPSK	20600	25RB#0	22.81	PASS
Band5	10MHz	16QAM	20600	25RB#0	21.90	PASS
Band5	10MHz	QPSK	20600	25RB#12	22.81	PASS
Band5	10MHz	16QAM	20600	25RB#12	21.97	PASS
Band5	10MHz	QPSK	20600	25RB#25	22.84	PASS
Band5	10MHz	16QAM	20600	25RB#25	21.85	PASS
Band5	10MHz	QPSK	20600	50RB#0	22.78	PASS

Band5	10MHz	16QAM	20600	50RB#0	21.95	PASS
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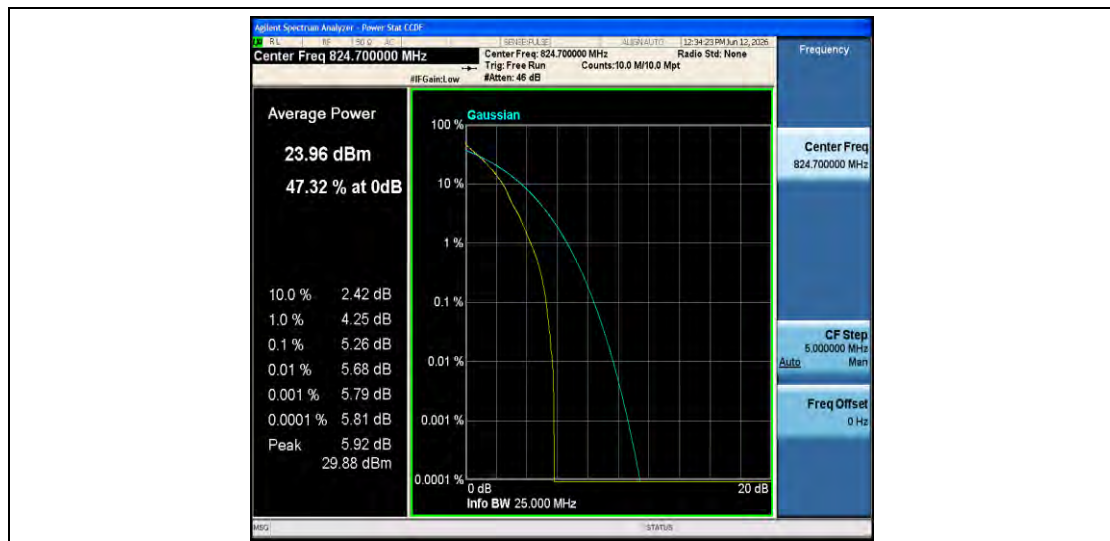
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	5.26	13	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	6.02	13	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	5.52	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.25	13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	4.55	13	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	5.17	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.23	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.89	13	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	4.30	13	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	5.01	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.06	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.82	13	PASS
Band5	3MHz	QPSK	20415	1RB#0	5.37	13	PASS
Band5	3MHz	16QAM	20415	1RB#0	6.19	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.49	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.25	13	PASS
Band5	3MHz	QPSK	20525	1RB#0	4.38	13	PASS
Band5	3MHz	16QAM	20525	1RB#0	5.36	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.25	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.92	13	PASS
Band5	3MHz	QPSK	20635	1RB#0	4.45	13	PASS
Band5	3MHz	16QAM	20635	1RB#0	5.04	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.04	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.82	13	PASS
Band5	5MHz	QPSK	20425	1RB#0	5.48	13	PASS
Band5	5MHz	16QAM	20425	1RB#0	5.93	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.47	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.10	13	PASS
Band5	5MHz	QPSK	20525	1RB#0	4.48	13	PASS
Band5	5MHz	16QAM	20525	1RB#0	5.44	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.28	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.91	13	PASS
Band5	5MHz	QPSK	20625	1RB#0	4.95	13	PASS
Band5	5MHz	16QAM	20625	1RB#0	5.64	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.24	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.97	13	PASS
Band5	10MHz	QPSK	20450	1RB#0	5.36	13	PASS
Band5	10MHz	16QAM	20450	1RB#0	6.28	13	PASS

Band5	10MHz	QPSK	20450	50RB#0	5.25	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.98	13	PASS
Band5	10MHz	QPSK	20525	1RB#0	4.48	13	PASS
Band5	10MHz	16QAM	20525	1RB#0	5.48	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.35	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.99	13	PASS
Band5	10MHz	QPSK	20600	1RB#0	5.05	13	PASS
Band5	10MHz	16QAM	20600	1RB#0	6.11	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.50	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.22	13	PASS

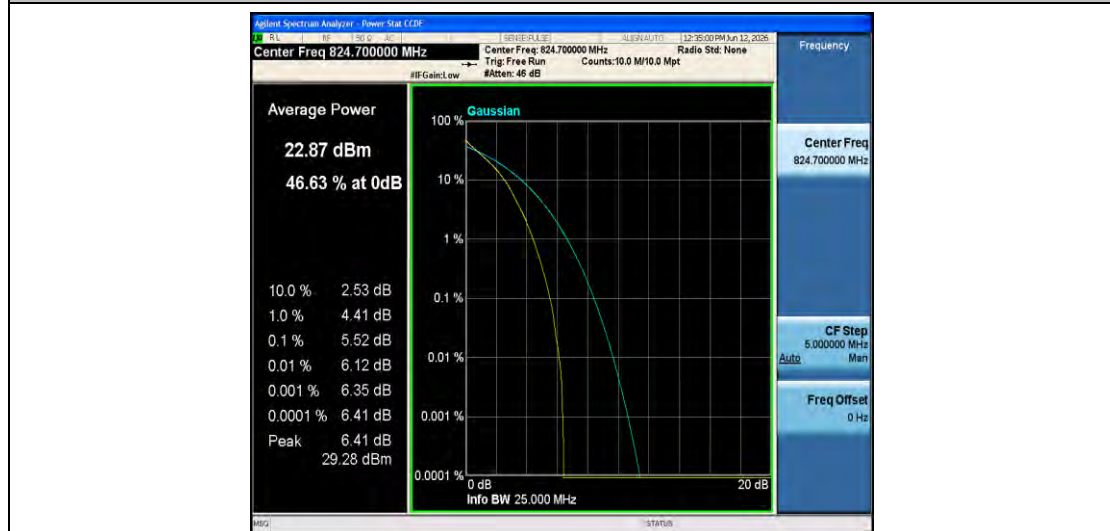
Test Graphs



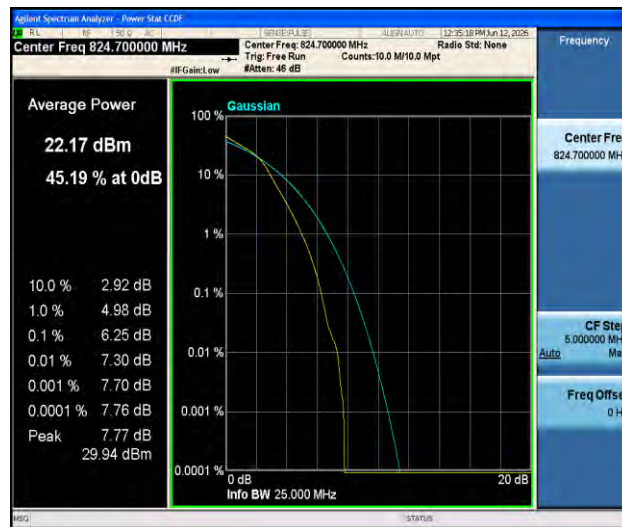
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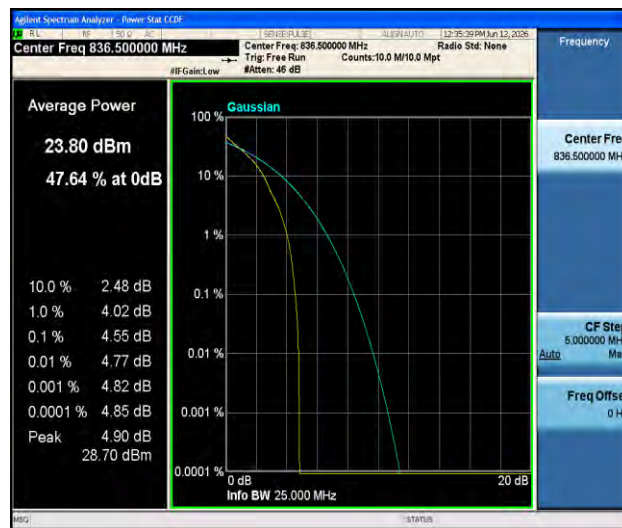
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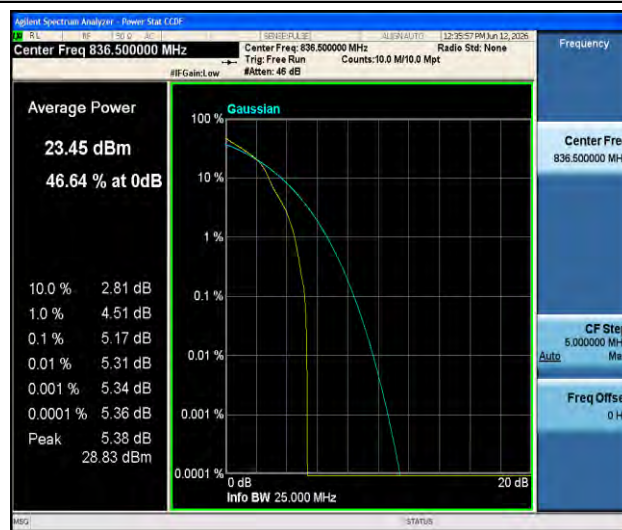
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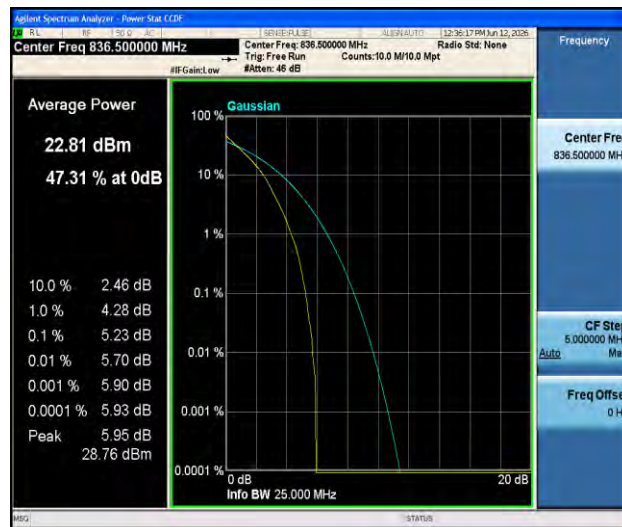
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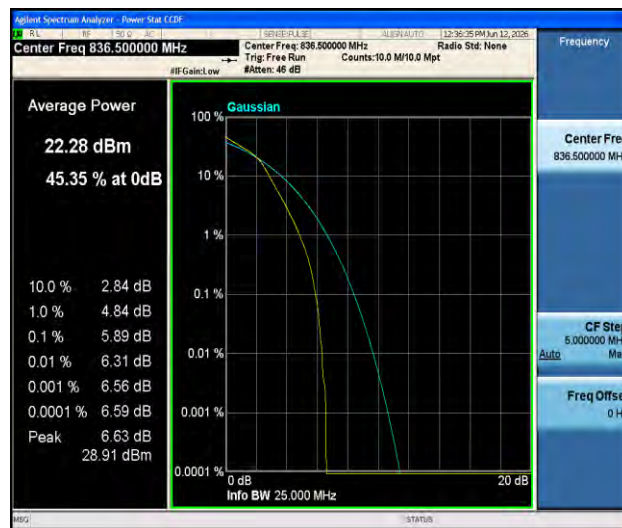
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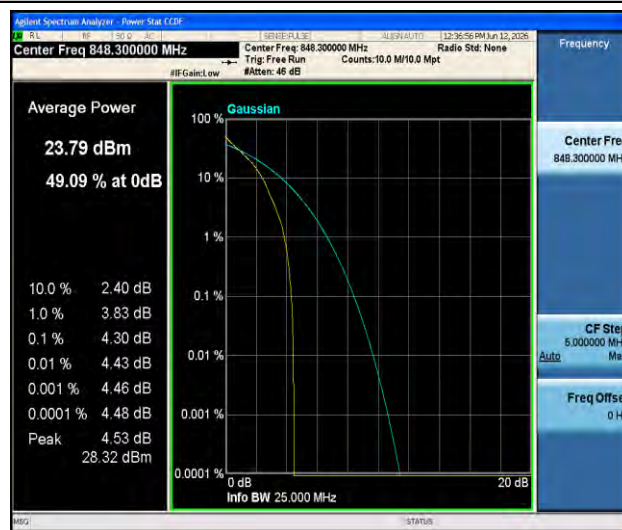
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Band5-1.4MHz-QPSK-20525-6RB#0-PASS



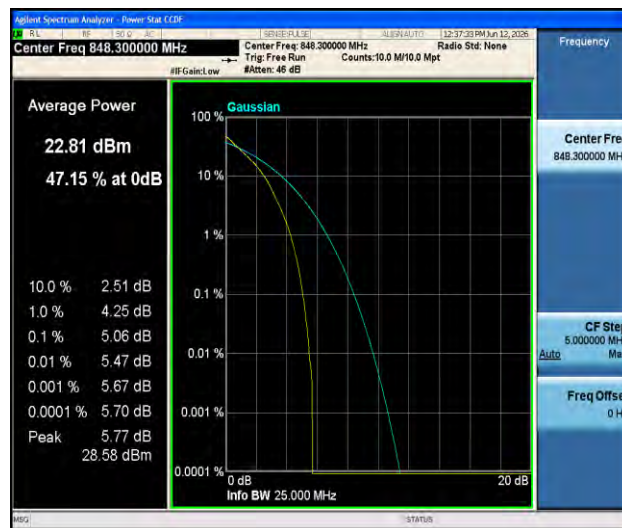
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



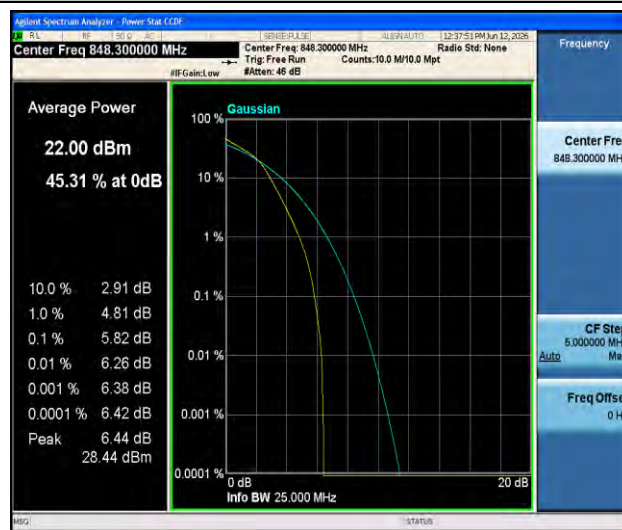
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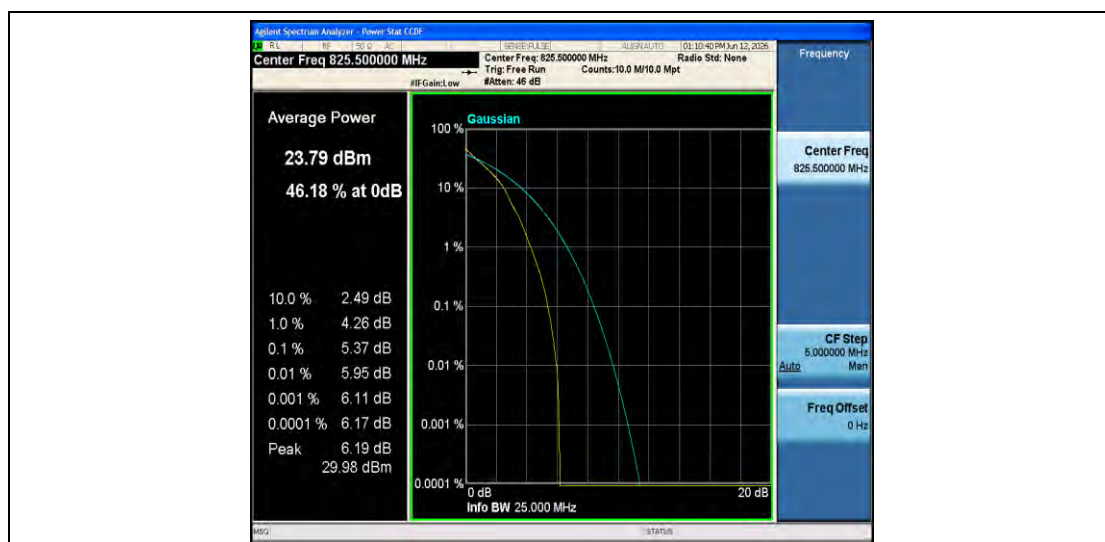
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Band5-1.4MHz-QPSK-20643-6RB#0-PASS



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



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



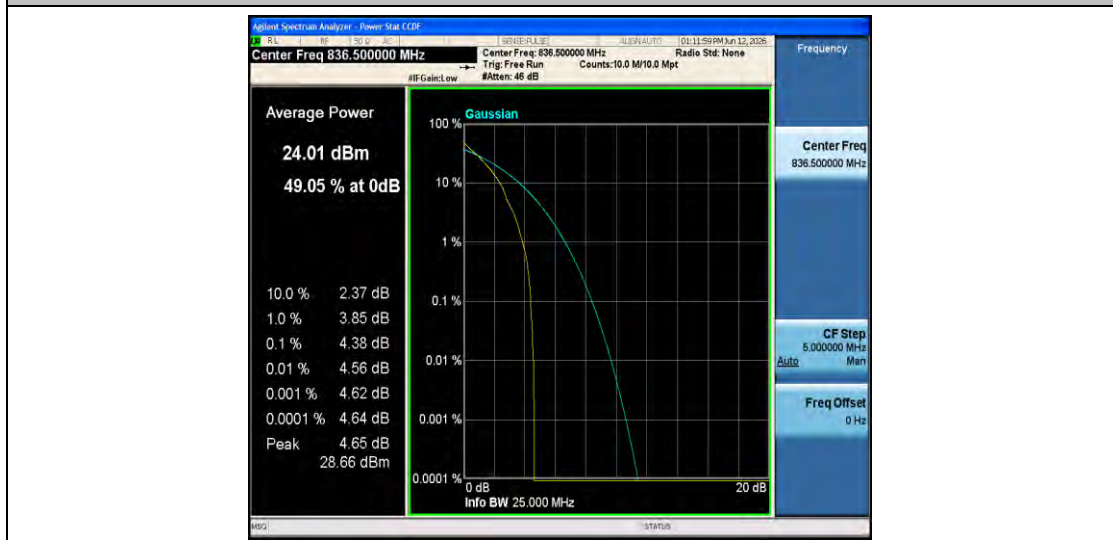
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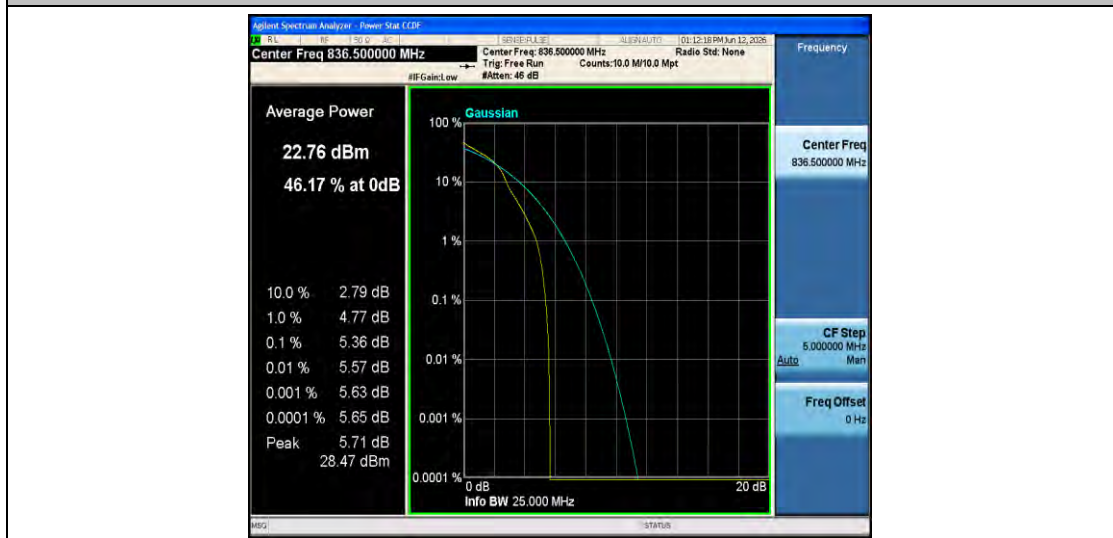
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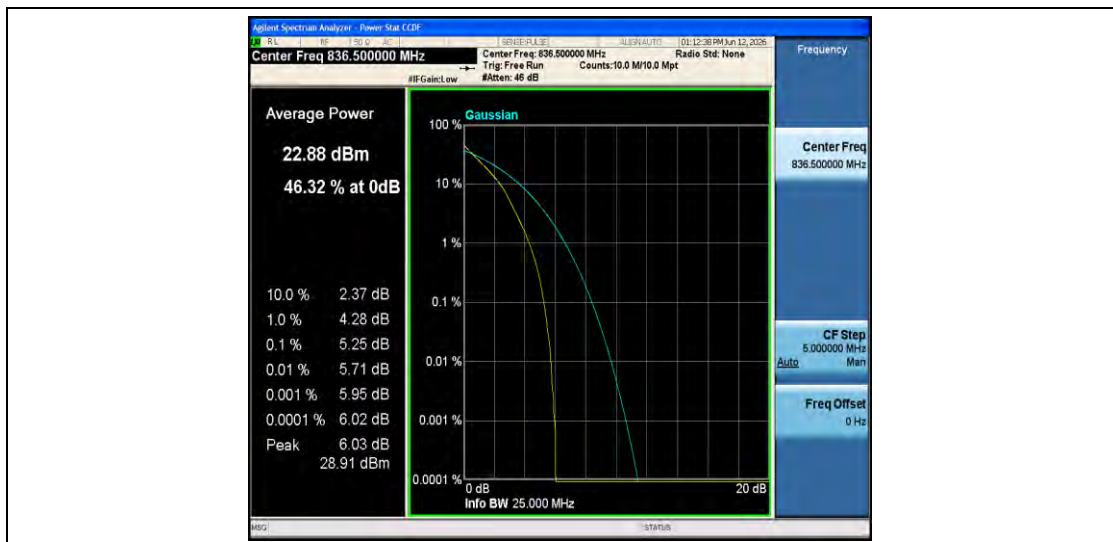
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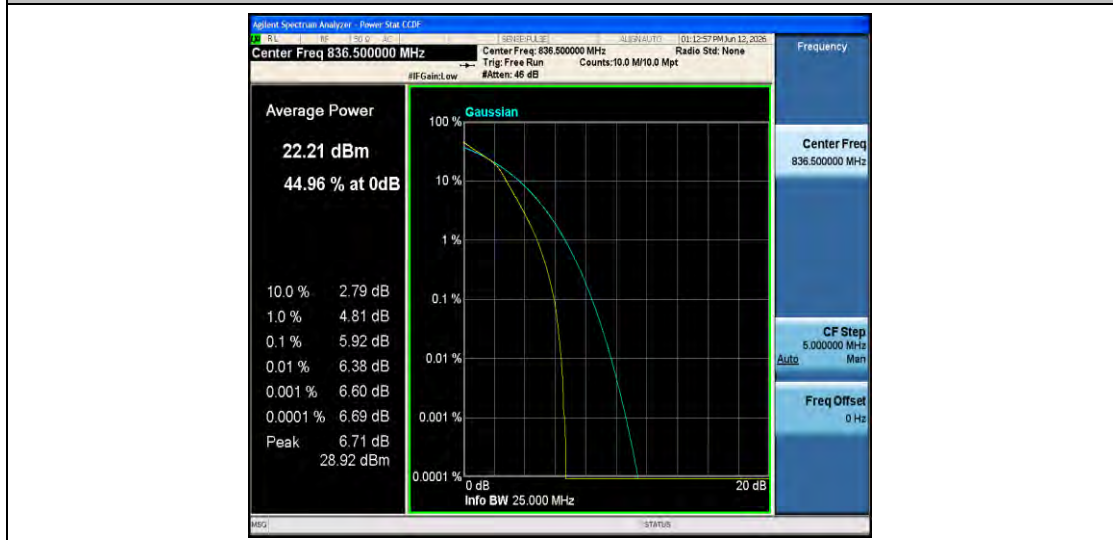
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Band5-3MHz-16QAM-20525-1RB#0-PASS



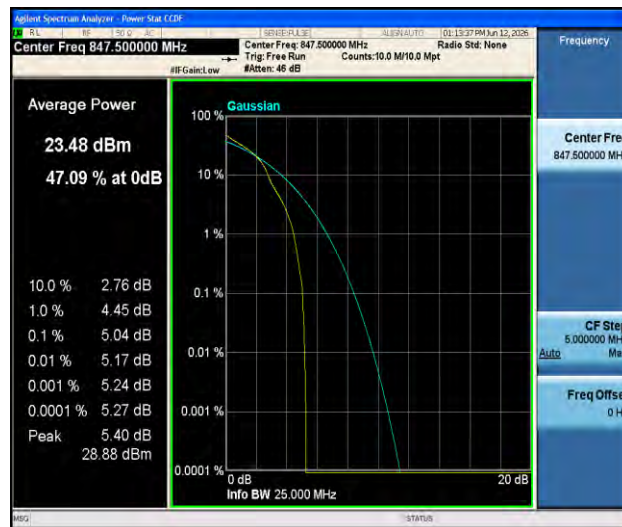
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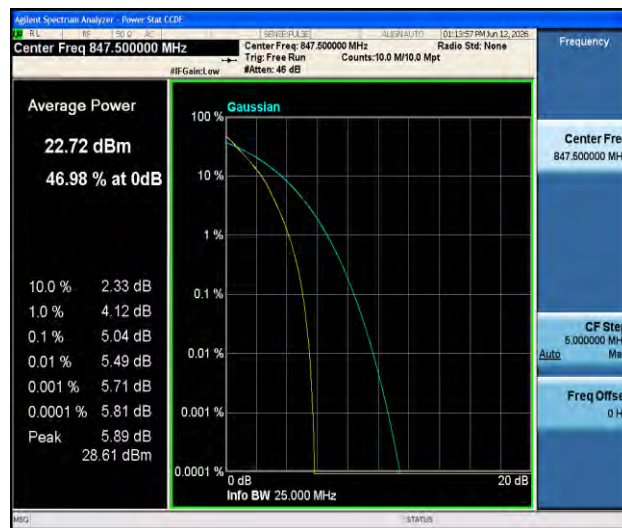
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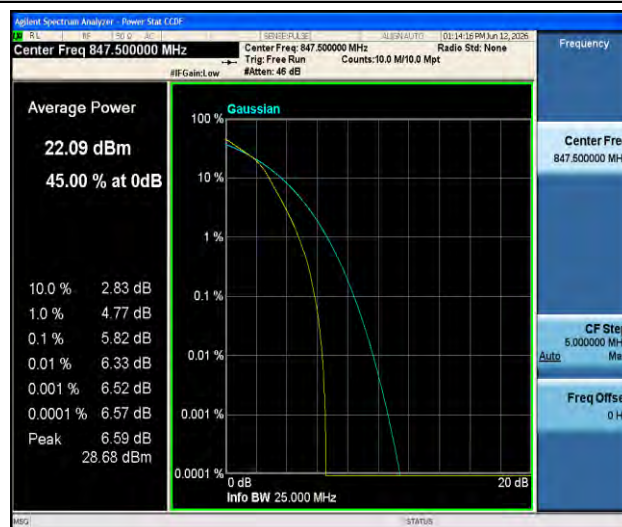
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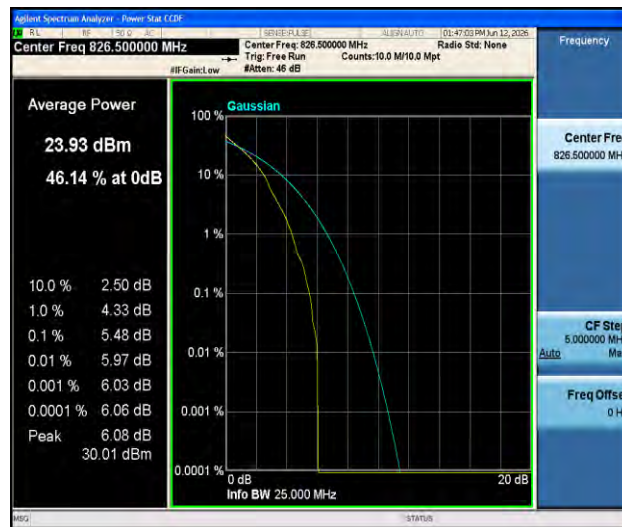
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Band5-3MHz-QPSK-20635-15RB#0-PASS



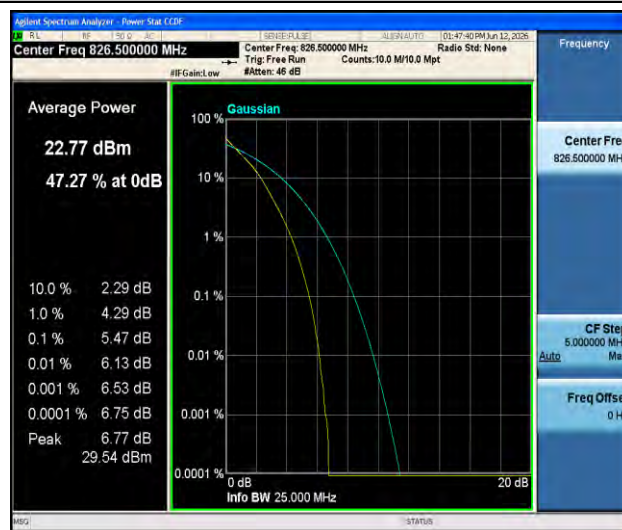
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Band5-5MHz-QPSK-20425-1RB#0-PASS



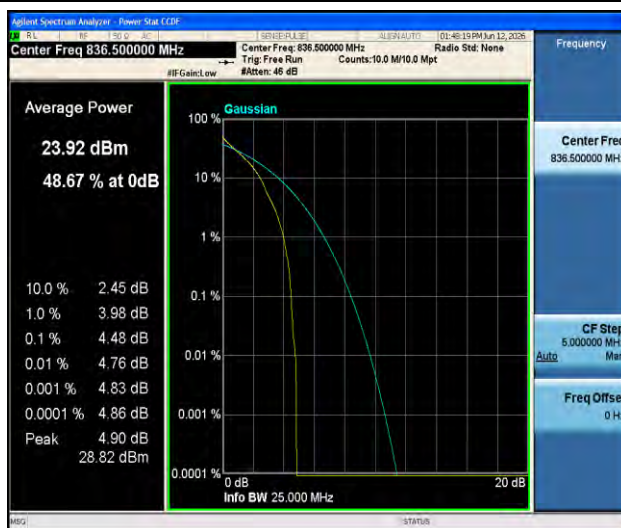
Band5-5MHz-16QAM-20425-1RB#0-PASS



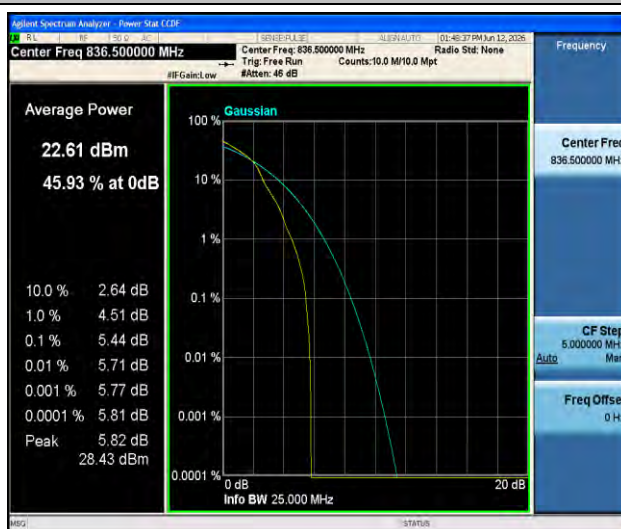
Band5-5MHz-QPSK-20425-25RB#0-PASS



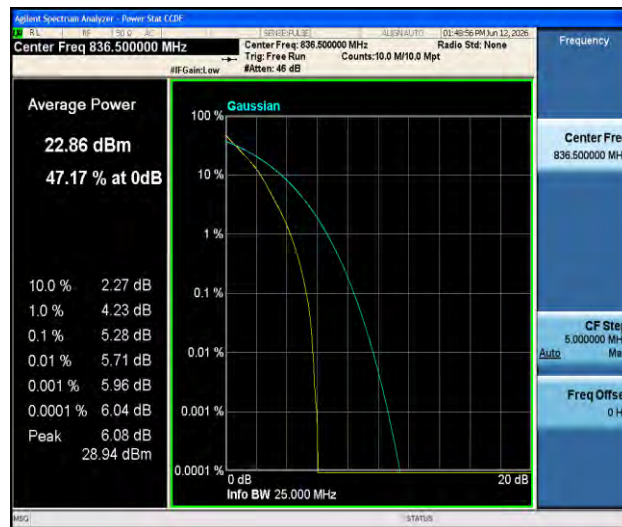
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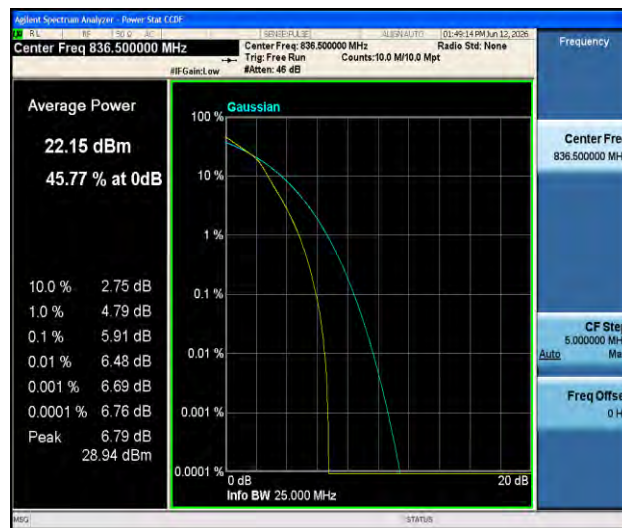
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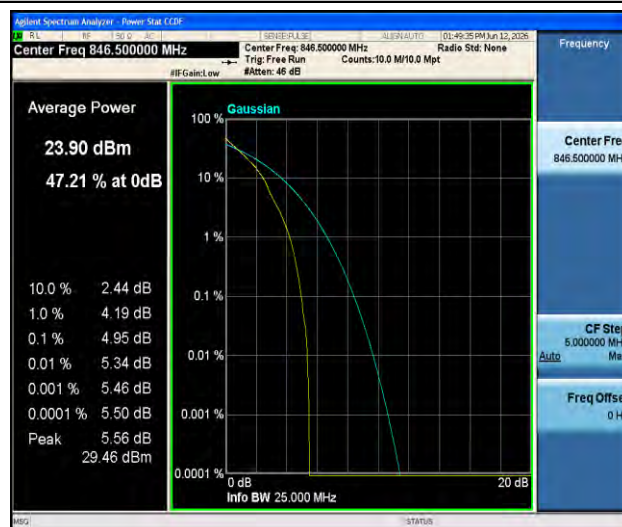
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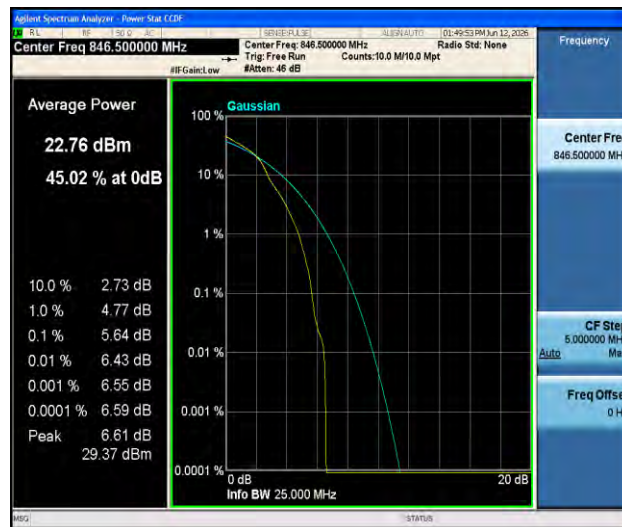
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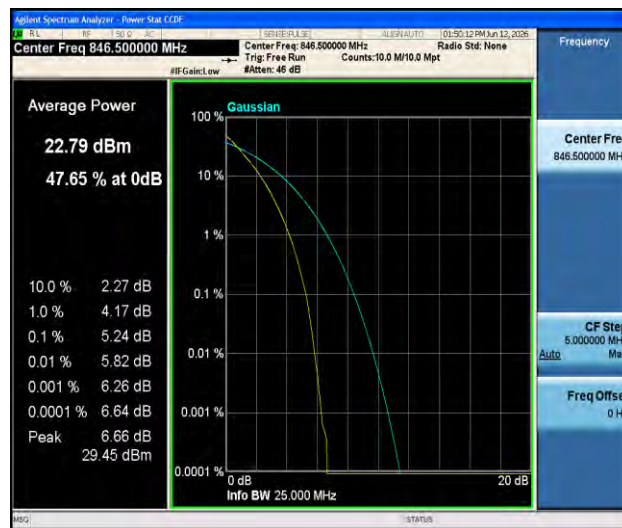
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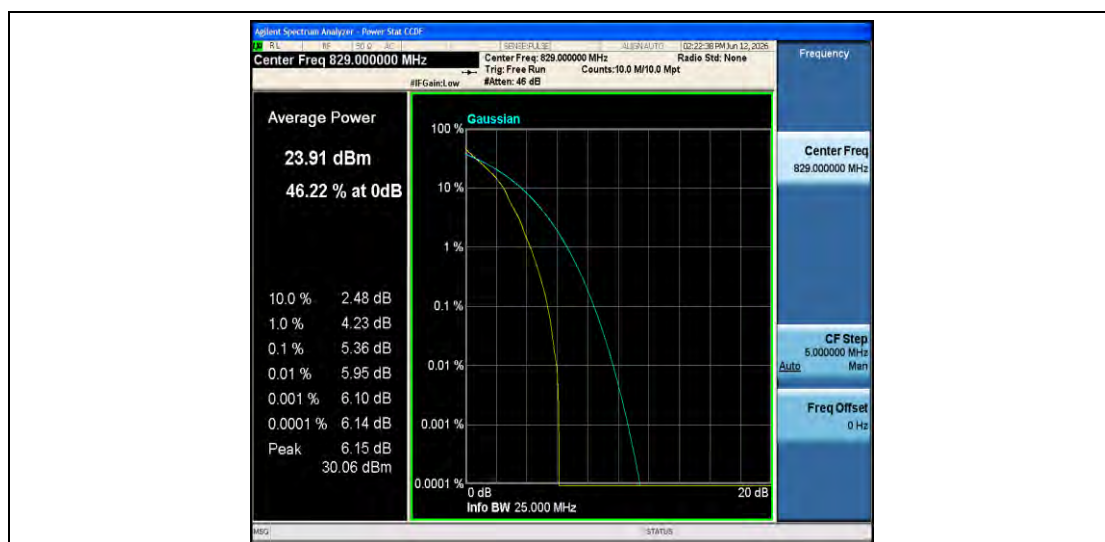
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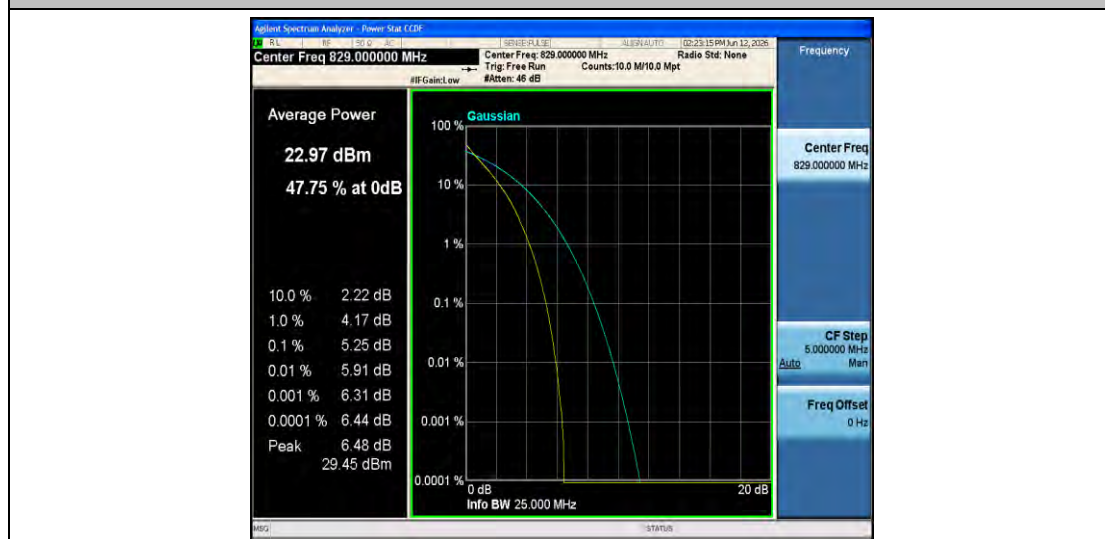
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Band5-10MHz-QPSK-20450-1RB#0-PASS



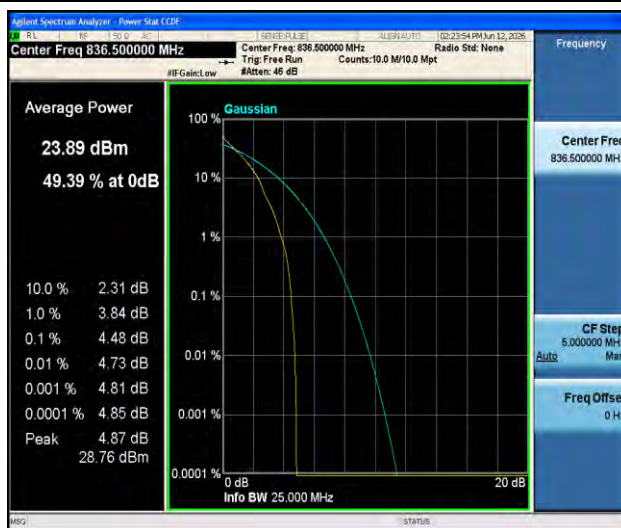
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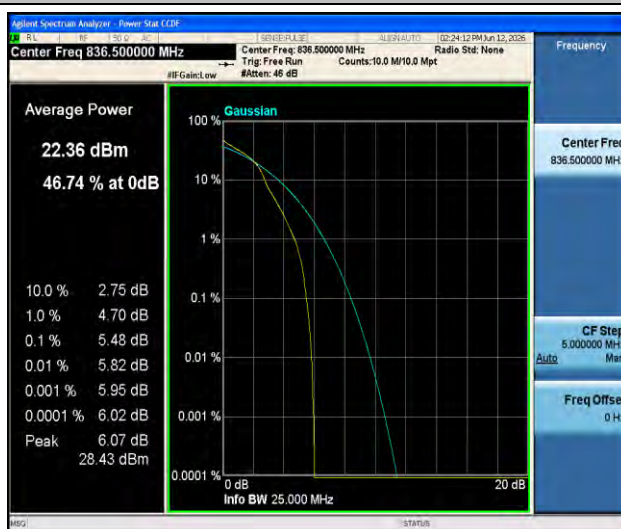
Band5-10MHz-QPSK-20450-50RB#0-PASS



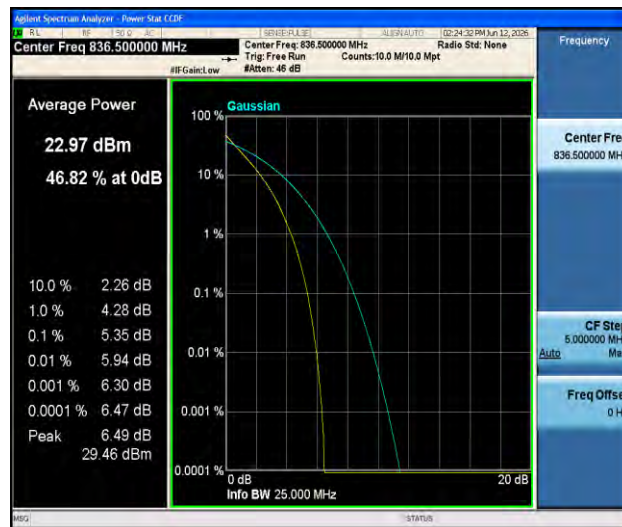
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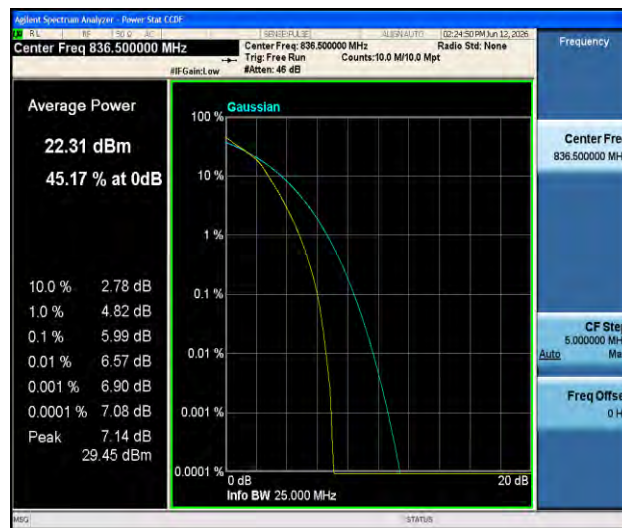
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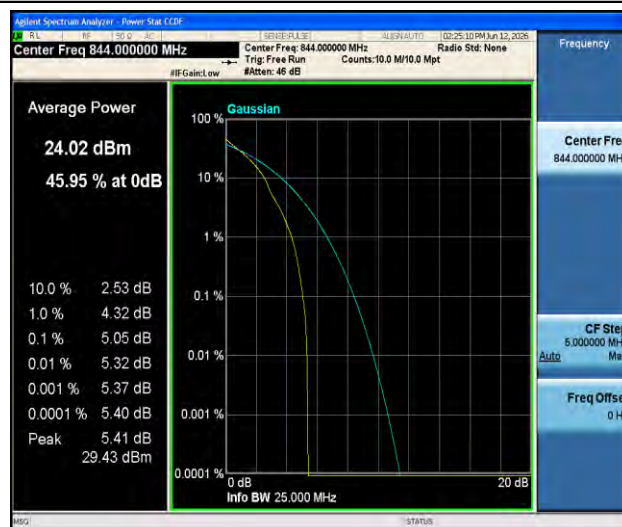
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Band5-10MHz-QPSK-20525-50RB#0-PASS



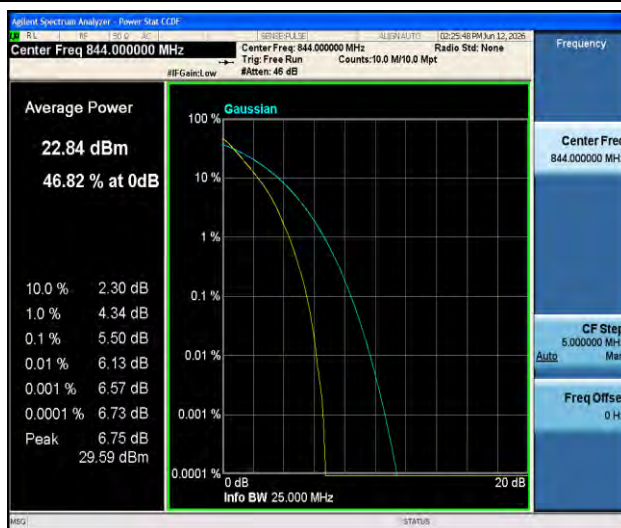
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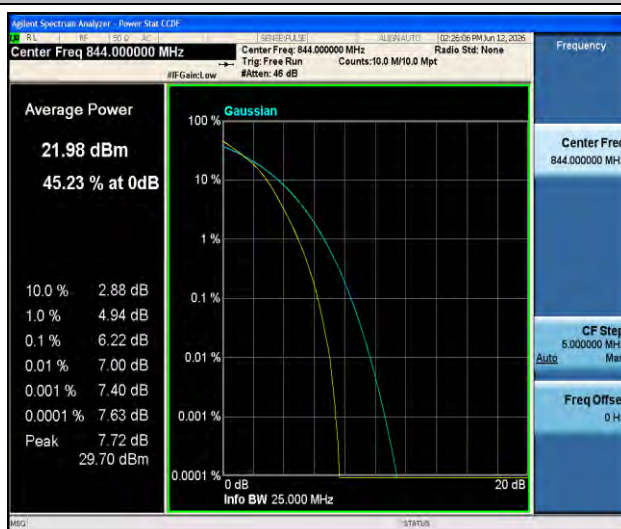
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Band5-10MHz-16QAM-20600-1RB#0-PASS



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



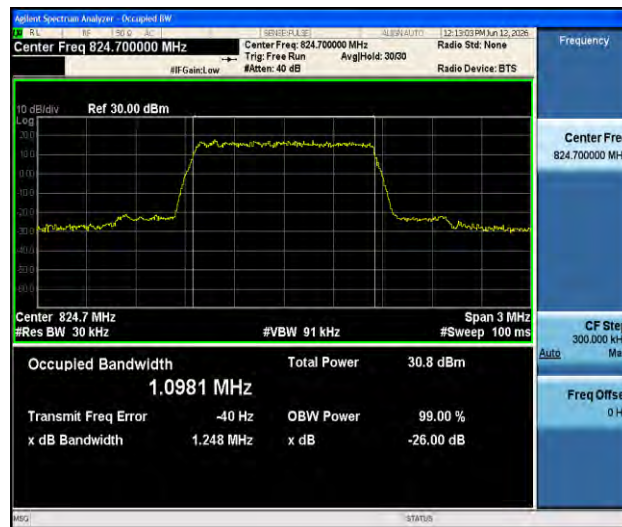
Band5-10MHz-16QAM-20600-50RB#0-PASS

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	1.0981	1.248	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0895	1.241	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0939	1.241	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1031	1.250	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0949	1.239	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0977	1.246	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7015	3.017	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7078	3.036	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7053	3.037	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7119	3.025	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7069	3.015	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6903	3.012	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5007	4.985	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5080	4.987	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5125	5.009	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5294	5.000	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4929	4.970	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4888	4.956	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9903	9.908	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9796	9.912	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9772	9.866	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0109	9.926	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9754	9.878	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9914	9.907	PASS

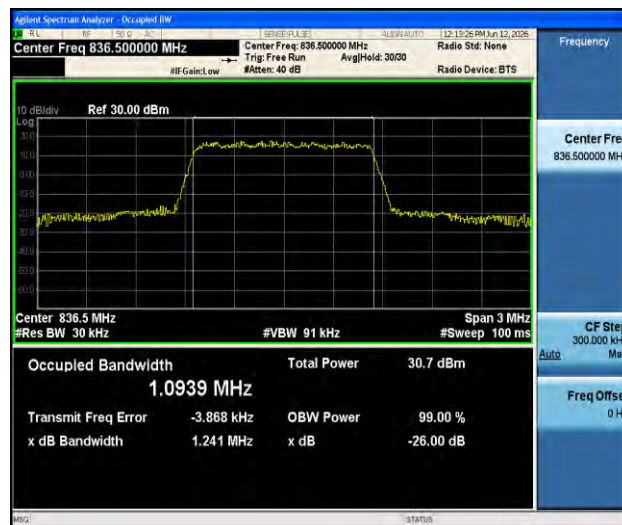
Test Graphs



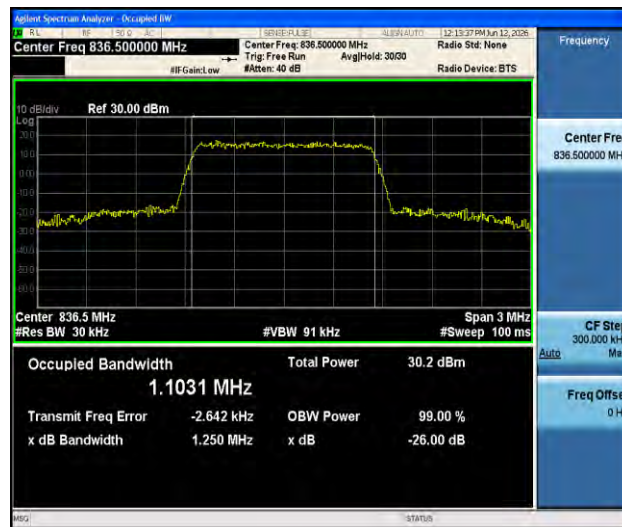
Band5-1.4MHz-QPSK-20407-6RB#0-PASS



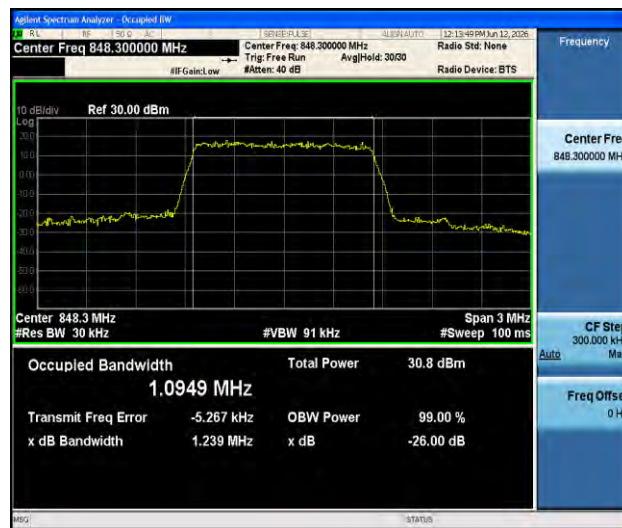
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



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



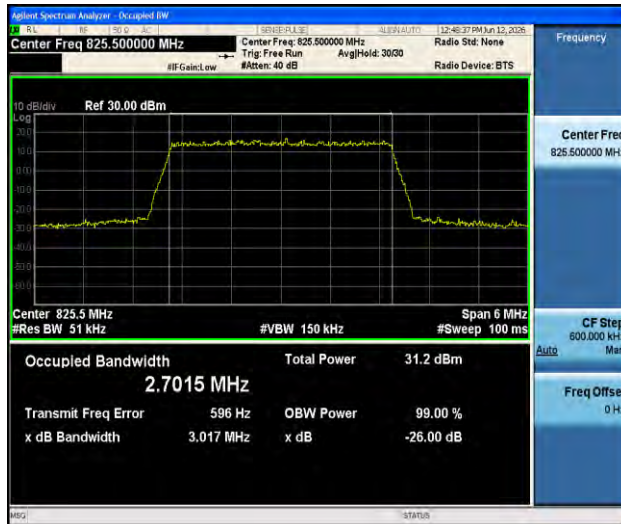
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



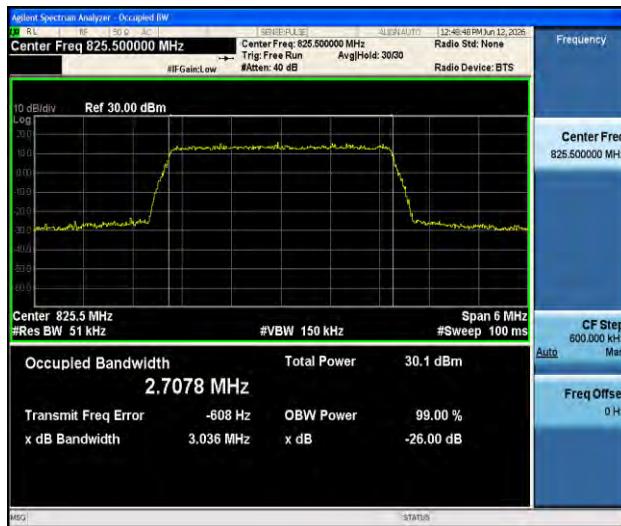
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



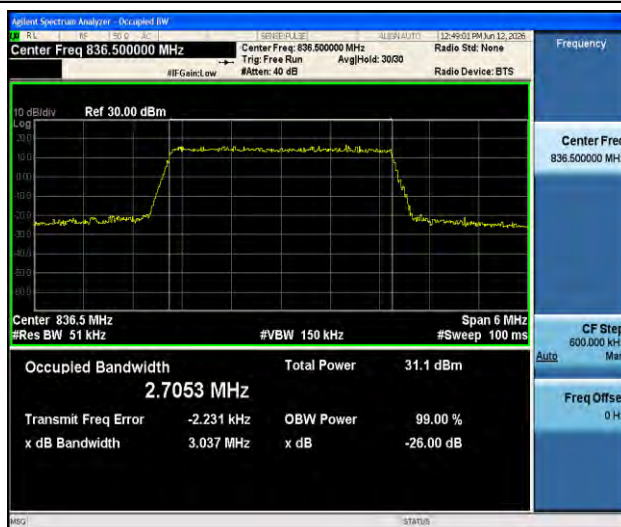
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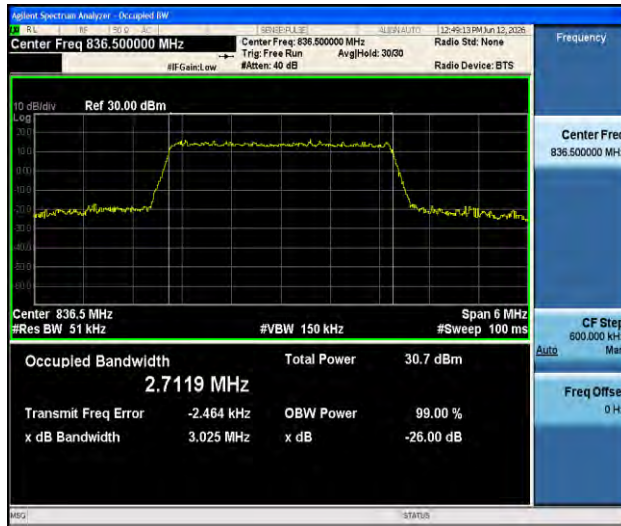
Band5-3MHz-QPSK-20415-15RB#0-PASS



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



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



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



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



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



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



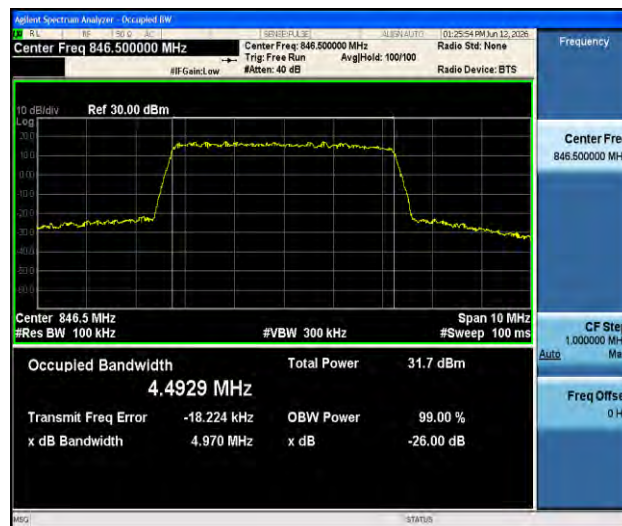
Band5-5MHz-16QAM-20425-25RB#0-PASS



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



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



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



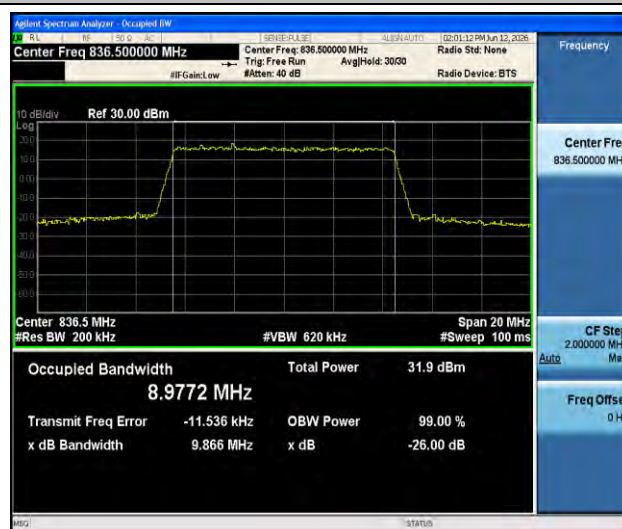
Band5-5MHz-16QAM-20625-25RB#0-PASS



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



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



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



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



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



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

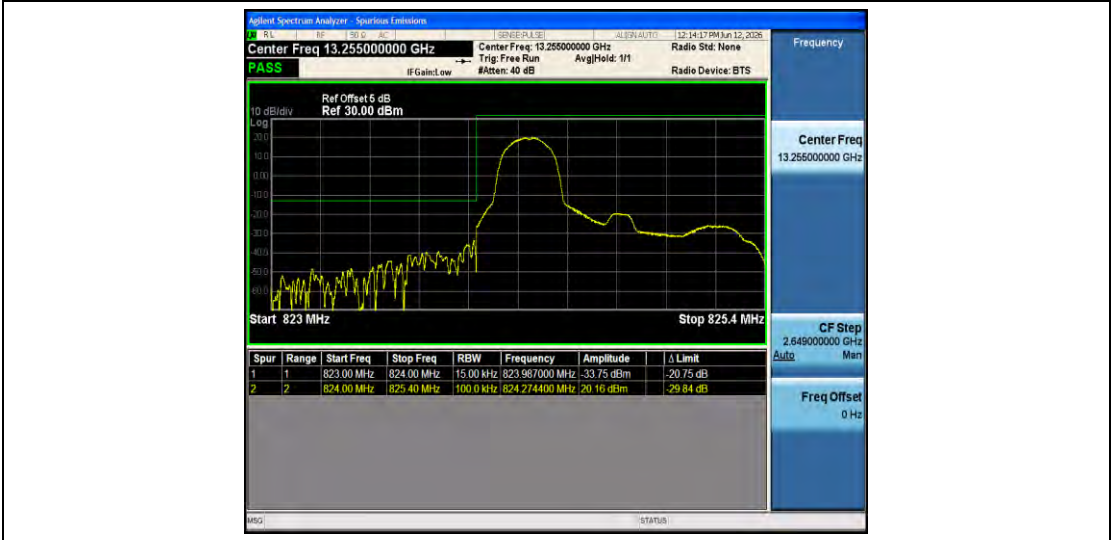
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	-33.75	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	-35.53	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	-35.65	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	-36.43	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	-30.54	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-31.93	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	-41.56	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	-41.45	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	-26.08	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	-32.74	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-28.21	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-32.76	PASS
Band5	3MHz	QPSK	20415	1RB#0	-19.47	PASS
Band5	3MHz	16QAM	20415	1RB#0	-22.25	PASS
Band5	3MHz	QPSK	20415	1RB#14	-33.75	PASS
Band5	3MHz	16QAM	20415	1RB#14	-35.68	PASS
Band5	3MHz	QPSK	20415	15RB#0	-28.97	PASS
Band5	3MHz	16QAM	20415	15RB#0	-29.95	PASS
Band5	3MHz	QPSK	20635	1RB#0	-35.96	PASS
Band5	3MHz	16QAM	20635	1RB#0	-35.91	PASS
Band5	3MHz	QPSK	20635	1RB#14	-20.45	PASS
Band5	3MHz	16QAM	20635	1RB#14	-21.14	PASS
Band5	3MHz	QPSK	20635	15RB#0	-31.49	PASS
Band5	3MHz	16QAM	20635	15RB#0	-29.61	PASS
Band5	5MHz	QPSK	20425	1RB#0	-27.83	PASS
Band5	5MHz	16QAM	20425	1RB#0	-29.24	PASS
Band5	5MHz	QPSK	20425	1RB#24	-47.48	PASS
Band5	5MHz	16QAM	20425	1RB#24	-48.25	PASS
Band5	5MHz	QPSK	20425	25RB#0	-34.46	PASS
Band5	5MHz	16QAM	20425	25RB#0	-34.80	PASS
Band5	5MHz	QPSK	20625	1RB#0	-49.00	PASS
Band5	5MHz	16QAM	20625	1RB#0	-49.39	PASS
Band5	5MHz	QPSK	20625	1RB#24	-28.39	PASS
Band5	5MHz	16QAM	20625	1RB#24	-28.79	PASS
Band5	5MHz	QPSK	20625	25RB#0	-34.49	PASS
Band5	5MHz	16QAM	20625	25RB#0	-36.30	PASS
Band5	10MHz	QPSK	20450	1RB#0	-35.15	PASS
Band5	10MHz	16QAM	20450	1RB#0	-36.39	PASS

Band5	10MHz	QPSK	20450	1RB#49	-51.70	PASS
Band5	10MHz	16QAM	20450	1RB#49	-51.99	PASS
Band5	10MHz	QPSK	20450	50RB#0	-36.13	PASS
Band5	10MHz	16QAM	20450	50RB#0	-36.90	PASS
Band5	10MHz	QPSK	20600	1RB#0	-52.11	PASS
Band5	10MHz	16QAM	20600	1RB#0	-52.37	PASS
Band5	10MHz	QPSK	20600	1RB#49	-36.72	PASS
Band5	10MHz	16QAM	20600	1RB#49	-37.60	PASS
Band5	10MHz	QPSK	20600	50RB#0	-39.95	PASS
Band5	10MHz	16QAM	20600	50RB#0	-39.64	PASS

Test Graphs



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



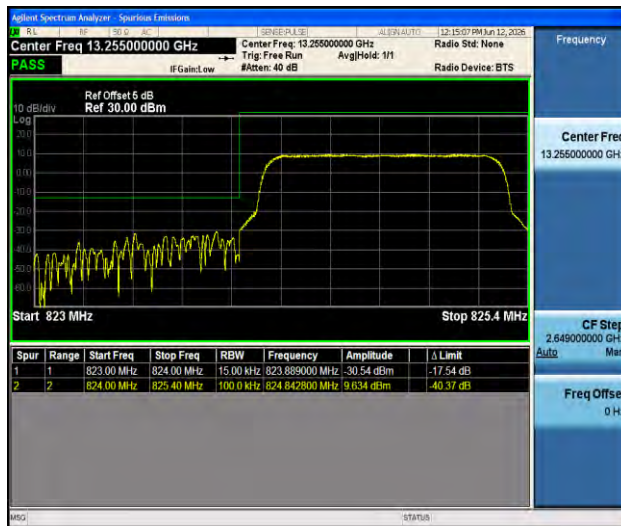
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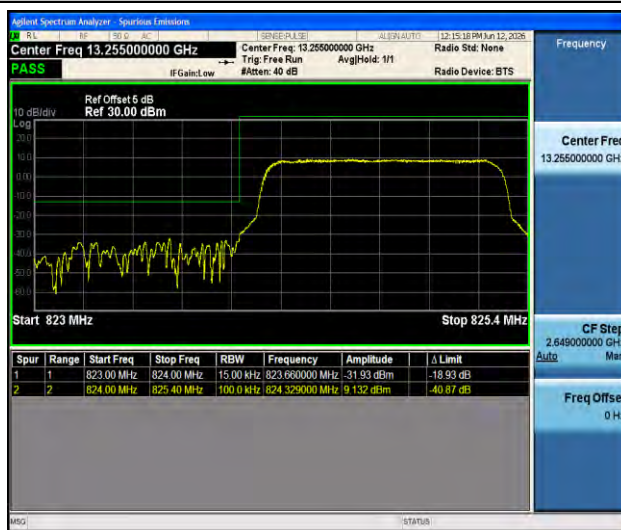
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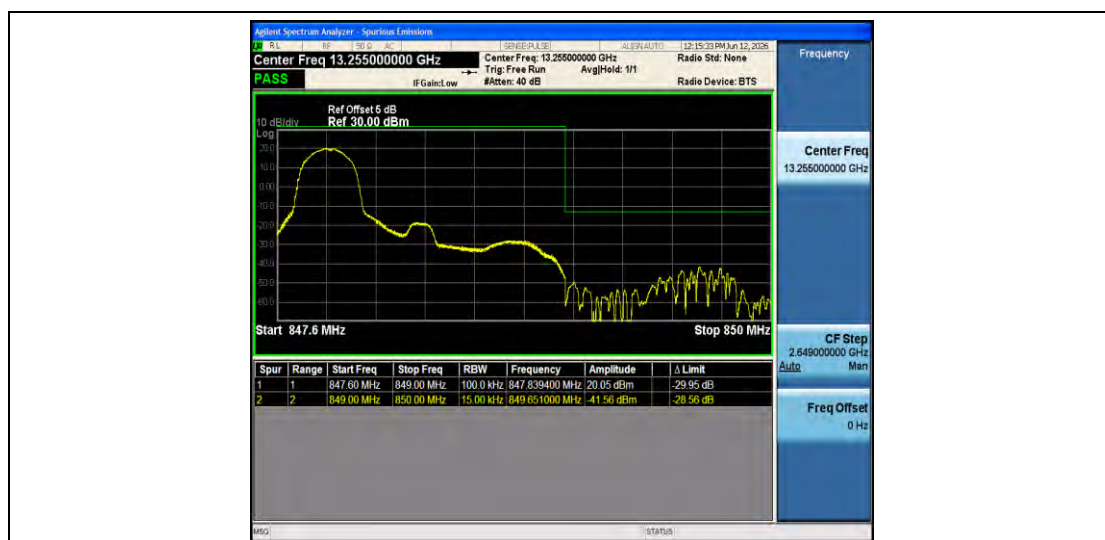
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Band5-1.4MHz-QPSK-20407-6RB#0-PASS



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



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



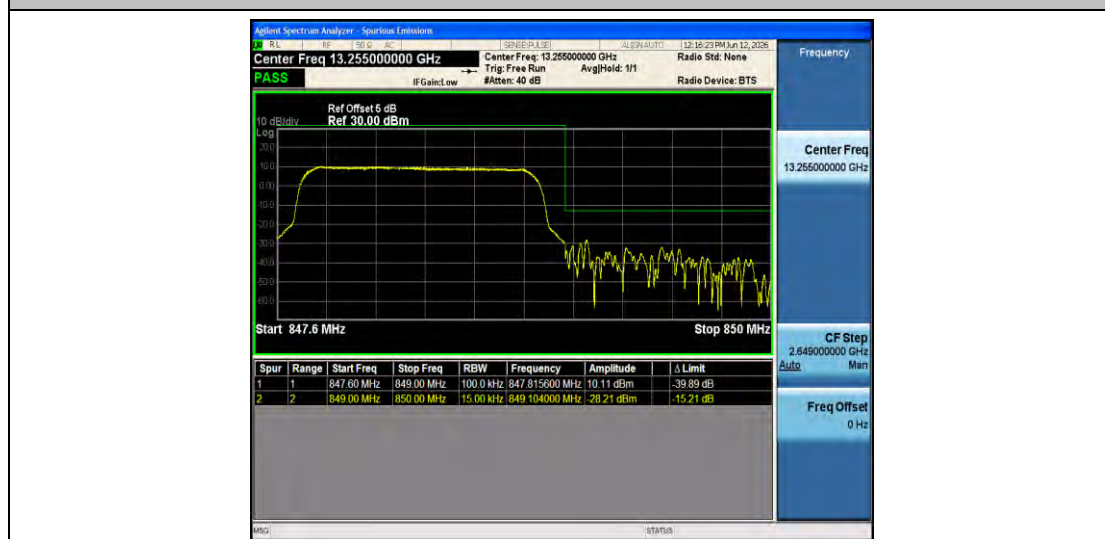
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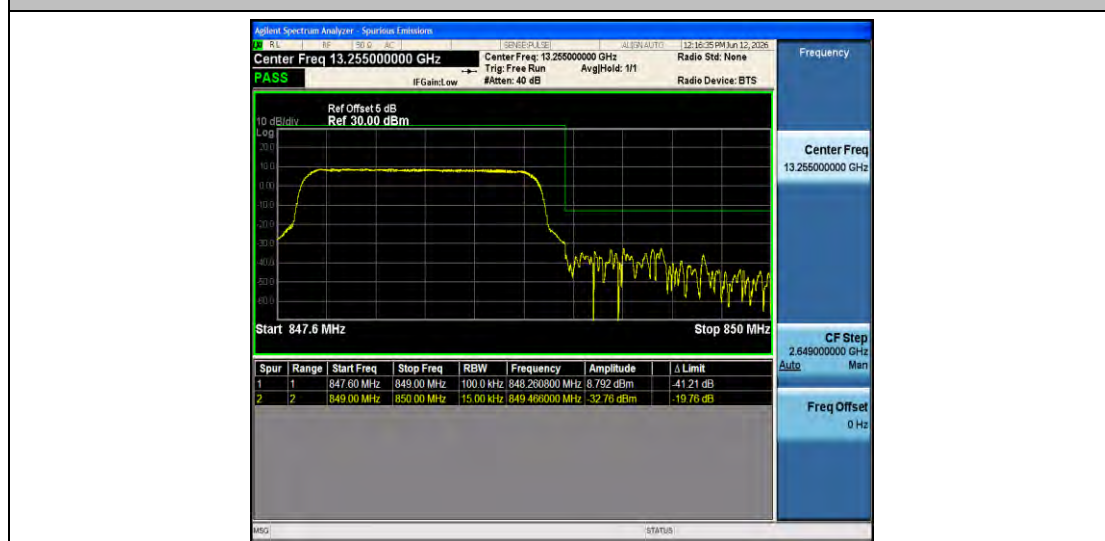
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Band5-1.4MHz-16QAM-20643-1RB#5-PASS



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



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



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



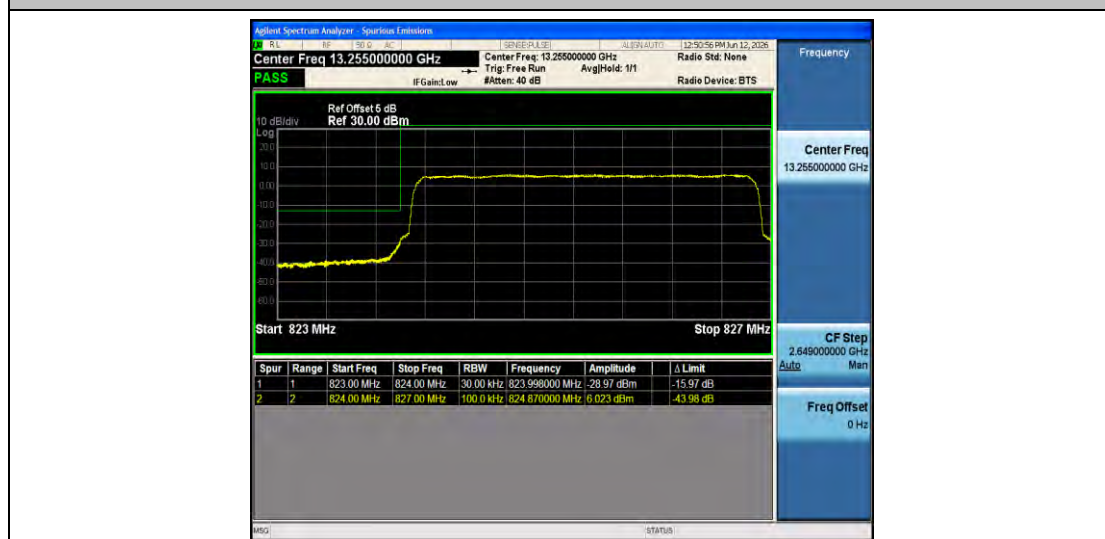
Band5-3MHz-16QAM-20415-1RB#0-PASS



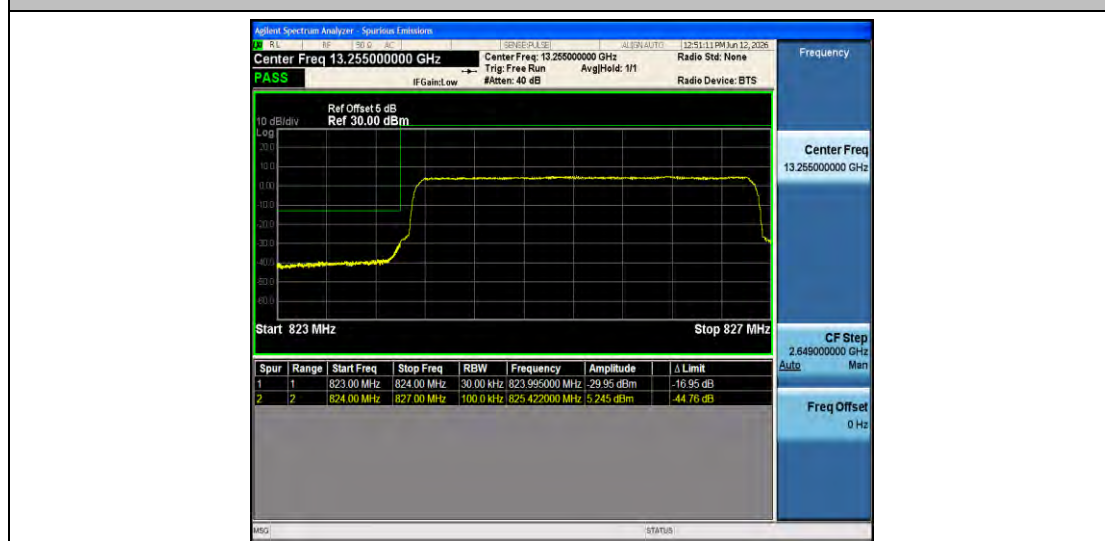
Band5-3MHz-QPSK-20415-1RB#14-PASS



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



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



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



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



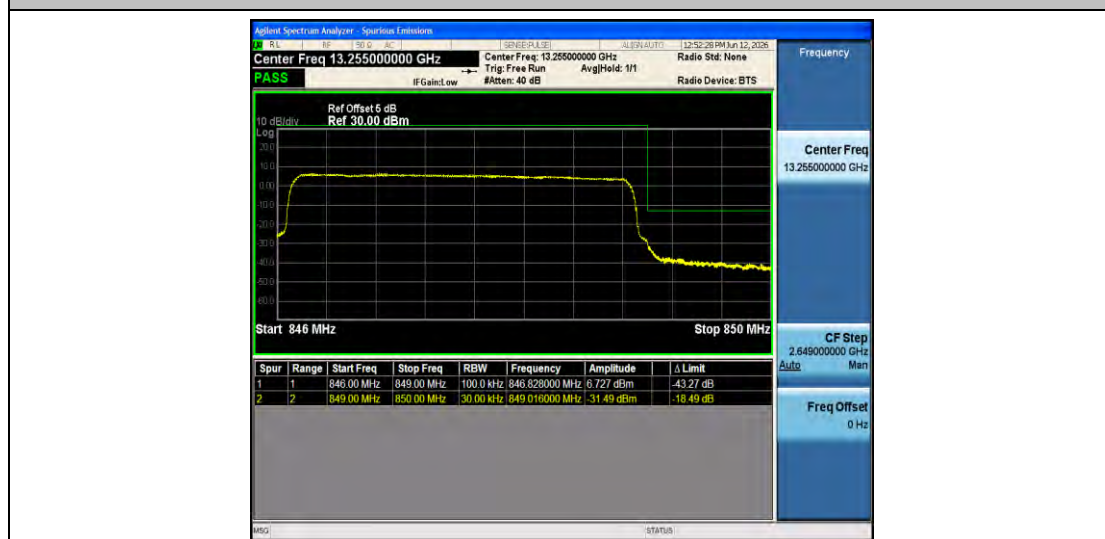
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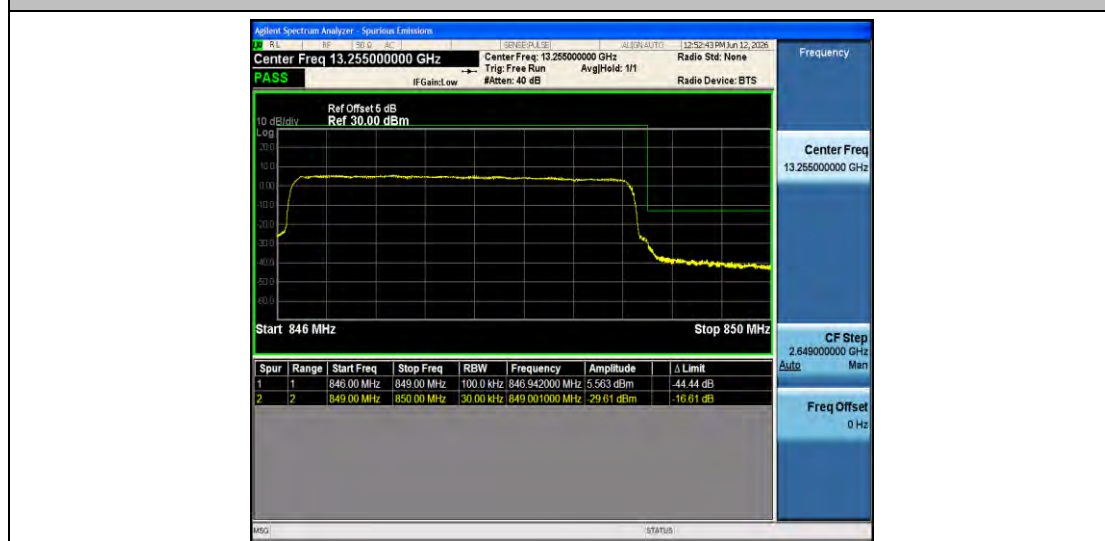
Band5-3MHz-QPSK-20635-1RB#14-PASS



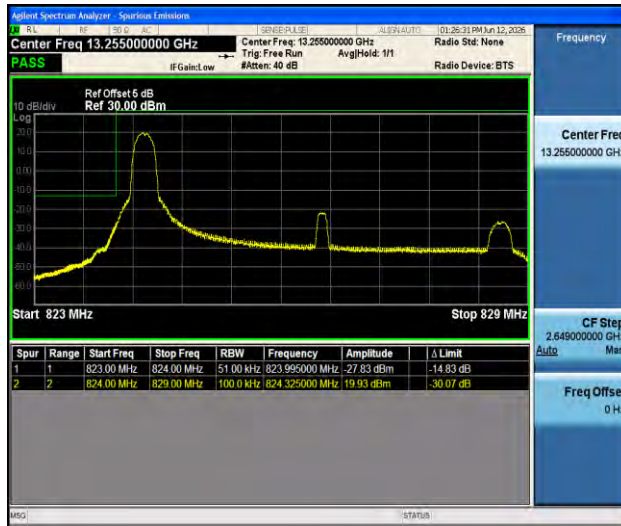
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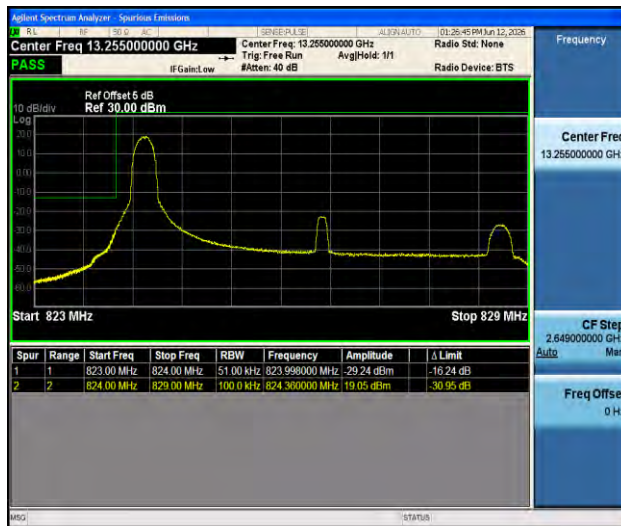
Band5-3MHz-QPSK-20635-15RB#0-PASS



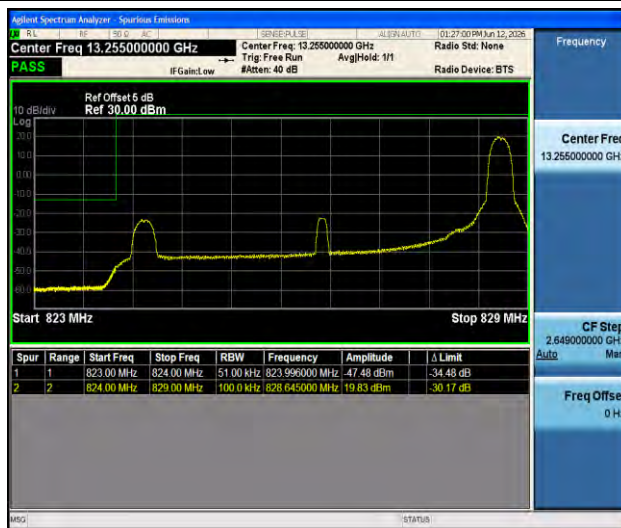
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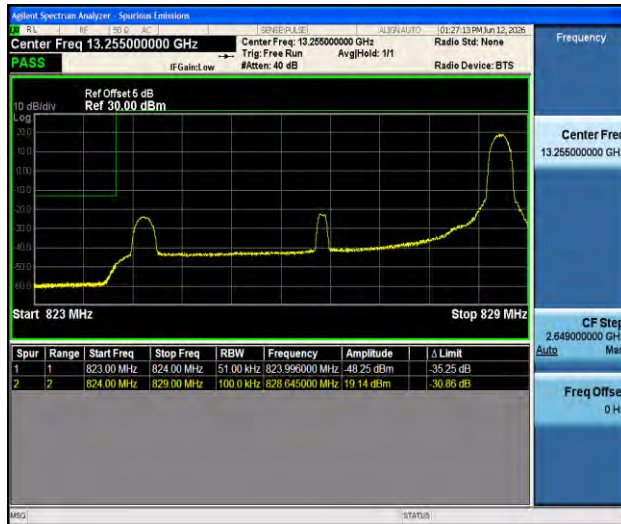
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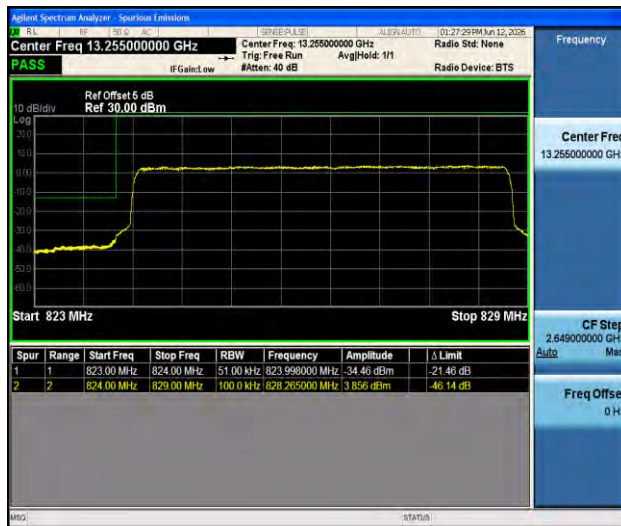
Band5-5MHz-16QAM-20425-1RB#0-PASS



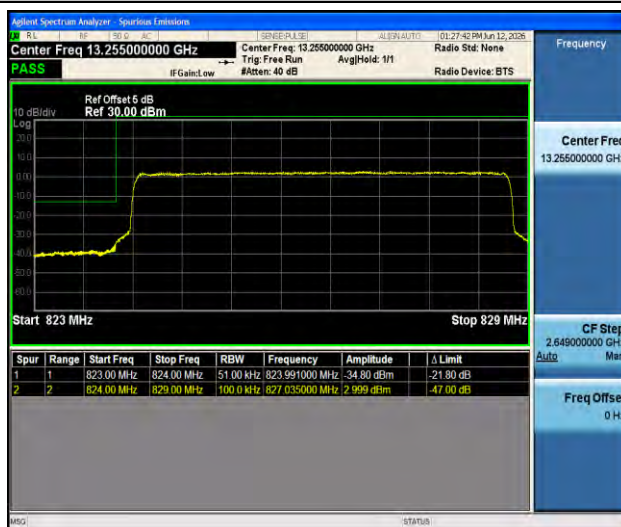
Band5-5MHz-QPSK-20425-1RB#24-PASS



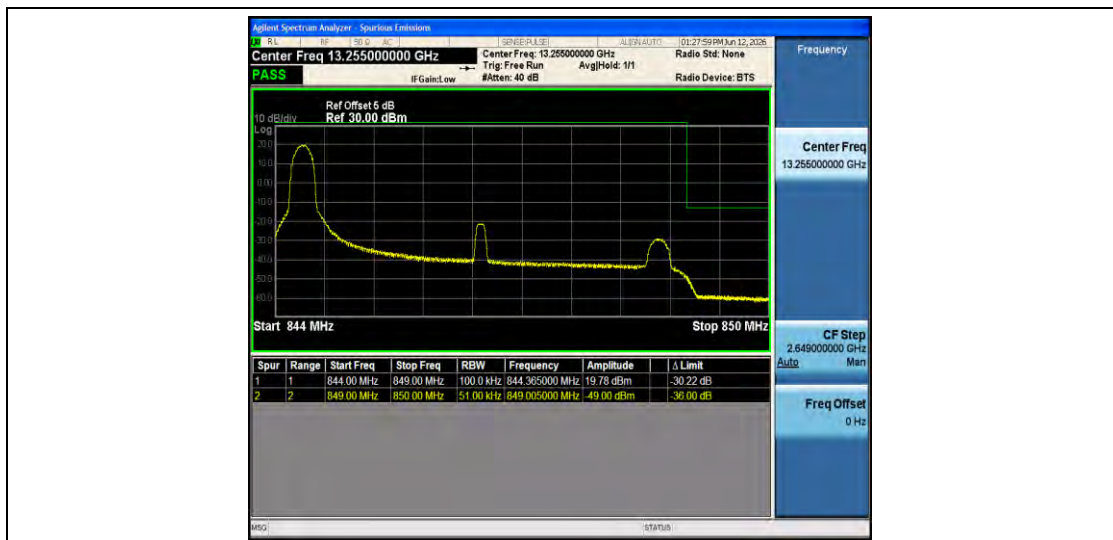
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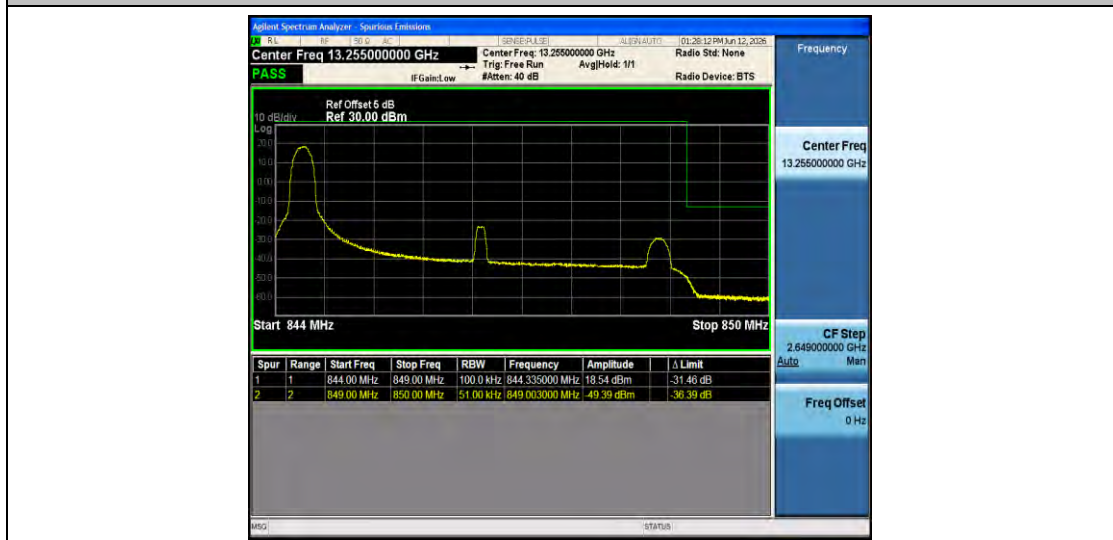
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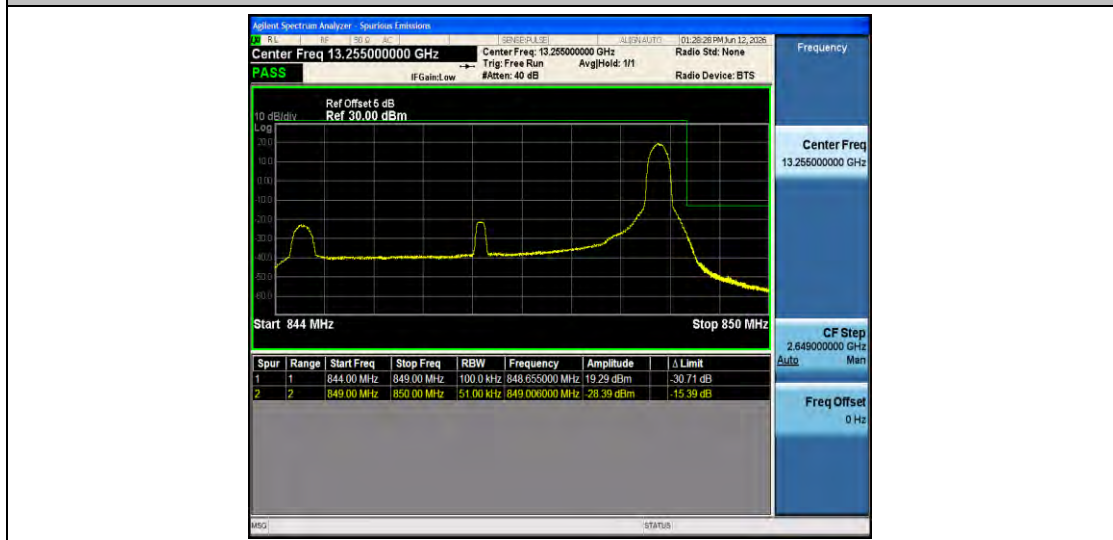
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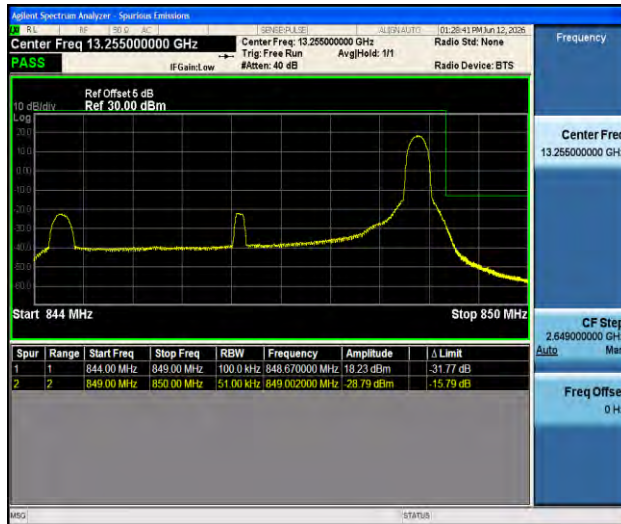
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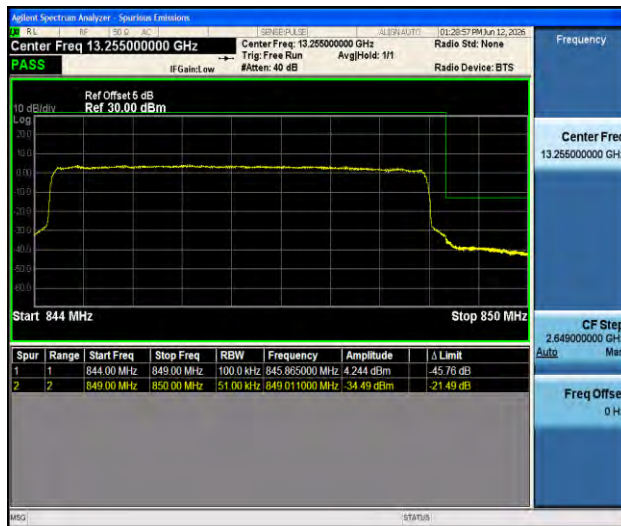
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Band5-5MHz-QPSK-20625-1RB#24-PASS



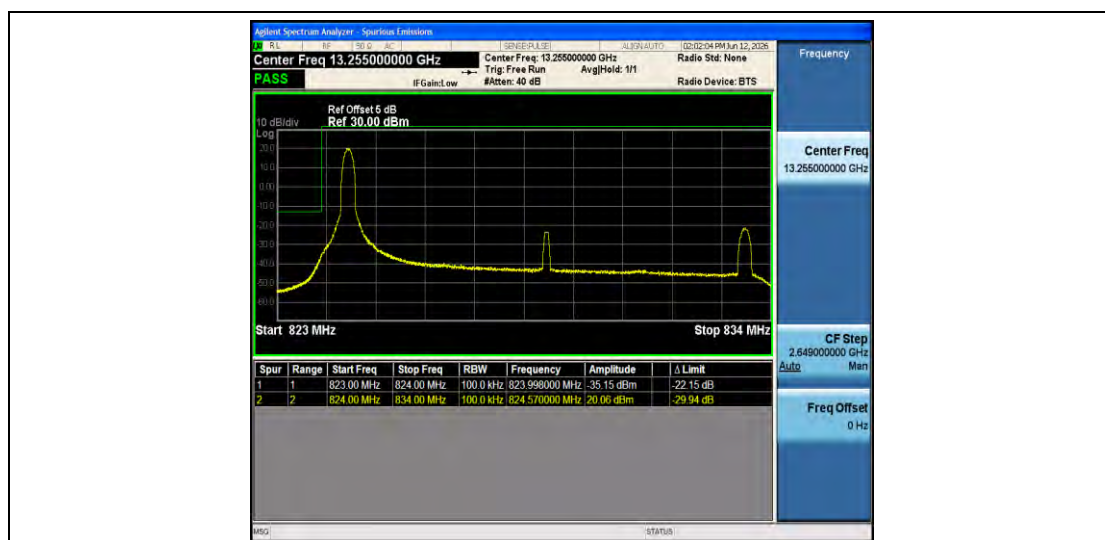
Band5-5MHz-16QAM-20625-1RB#24-PASS



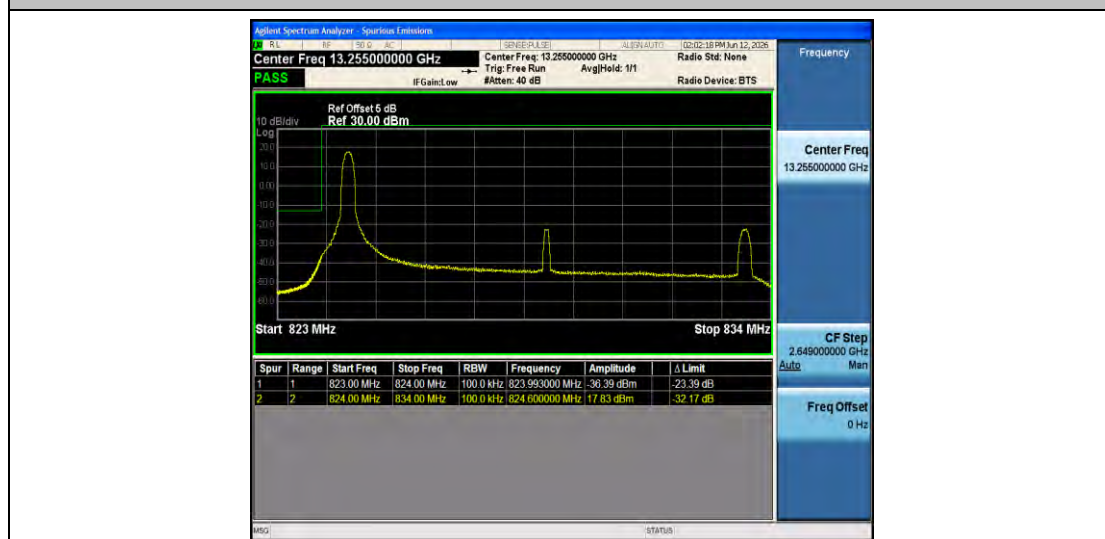
Band5-5MHz-QPSK-20625-25RB#0-PASS



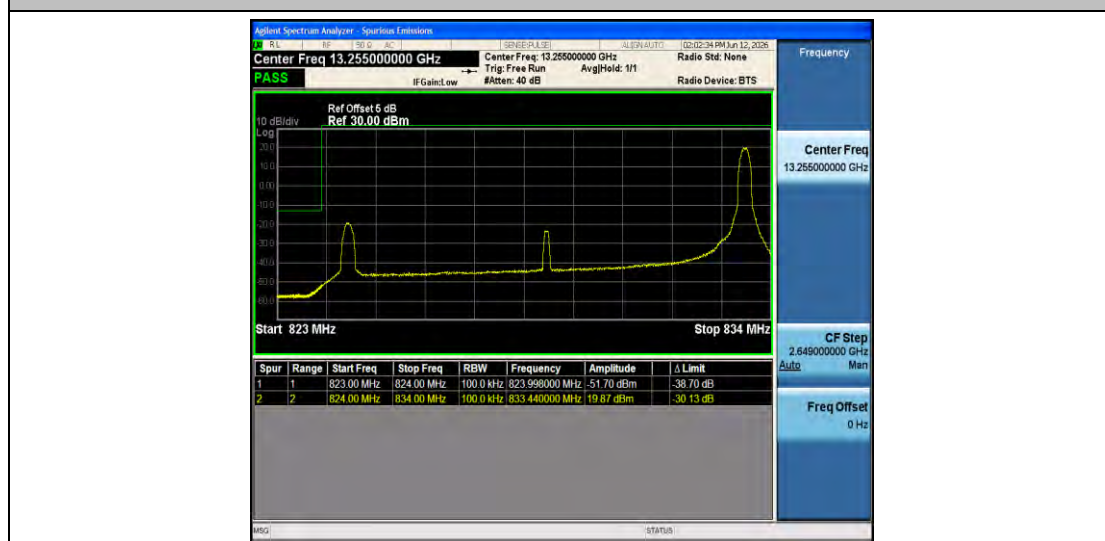
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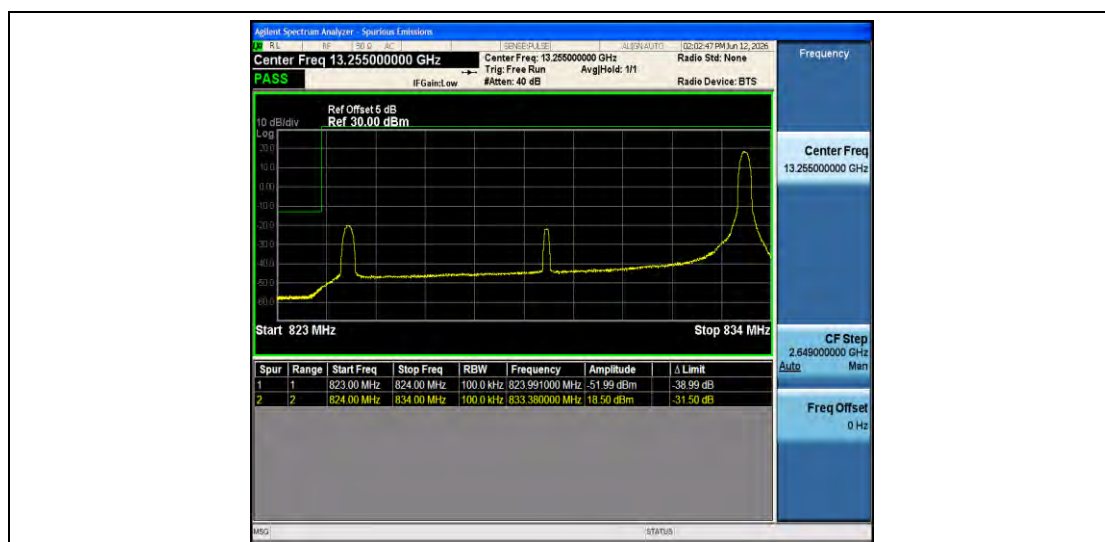
Band5-10MHz-QPSK-20450-1RB#0-PASS



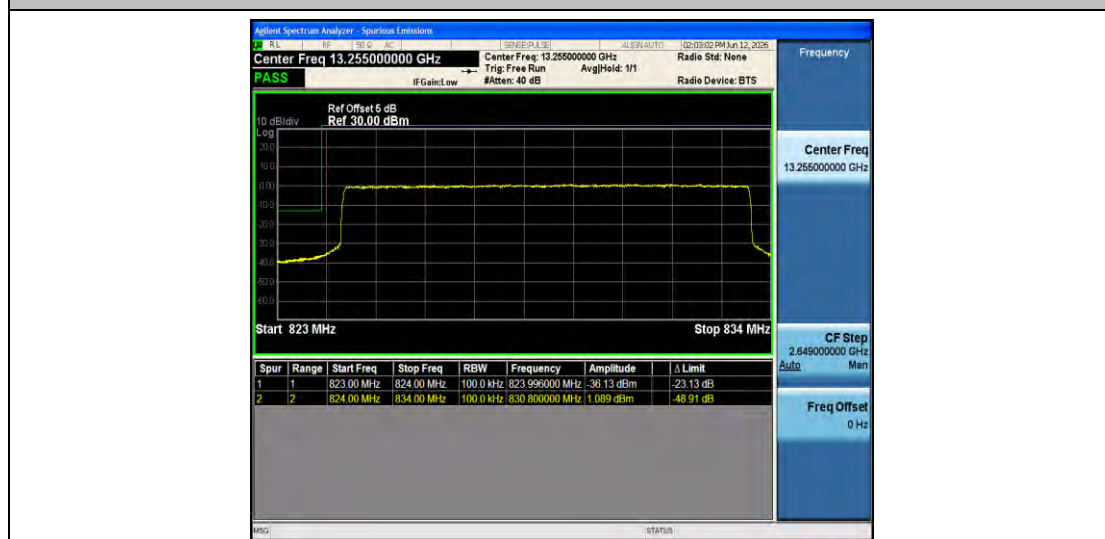
Band5-10MHz-16QAM-20450-1RB#0-PASS



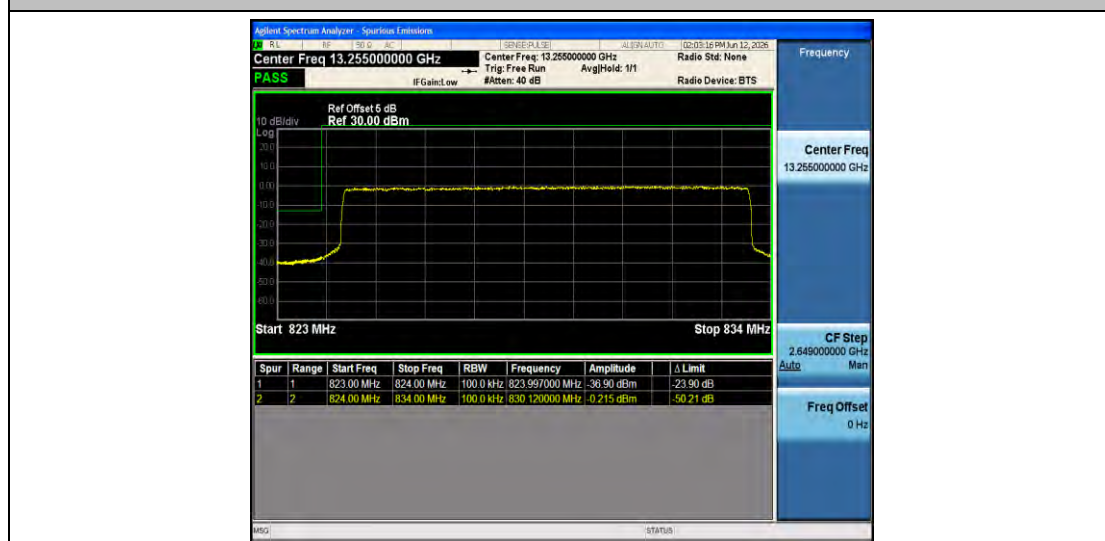
Band5-10MHz-QPSK-20450-1RB#49-PASS



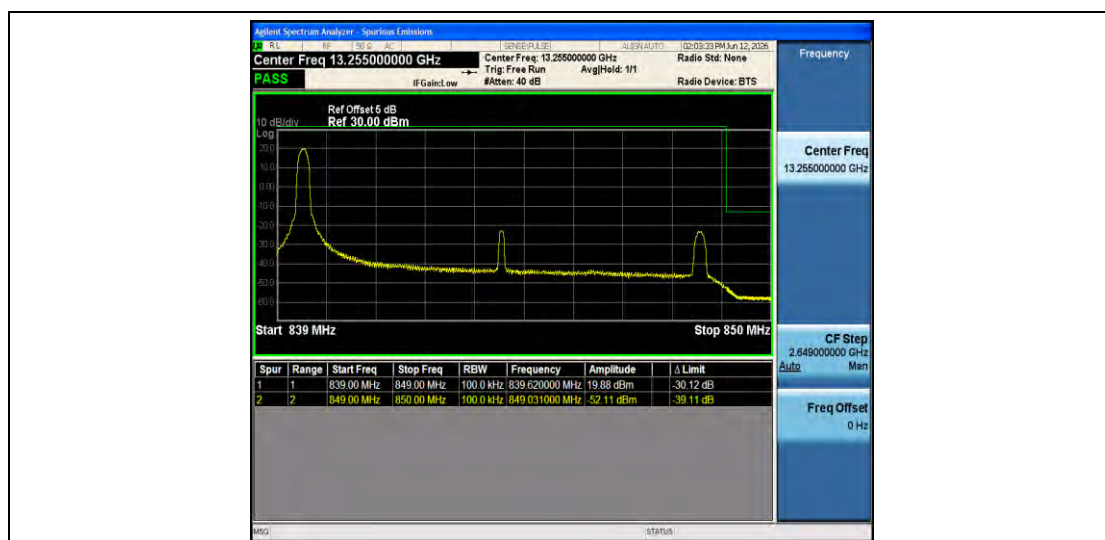
Band5-10MHz-16QAM-20450-1RB#49-PASS



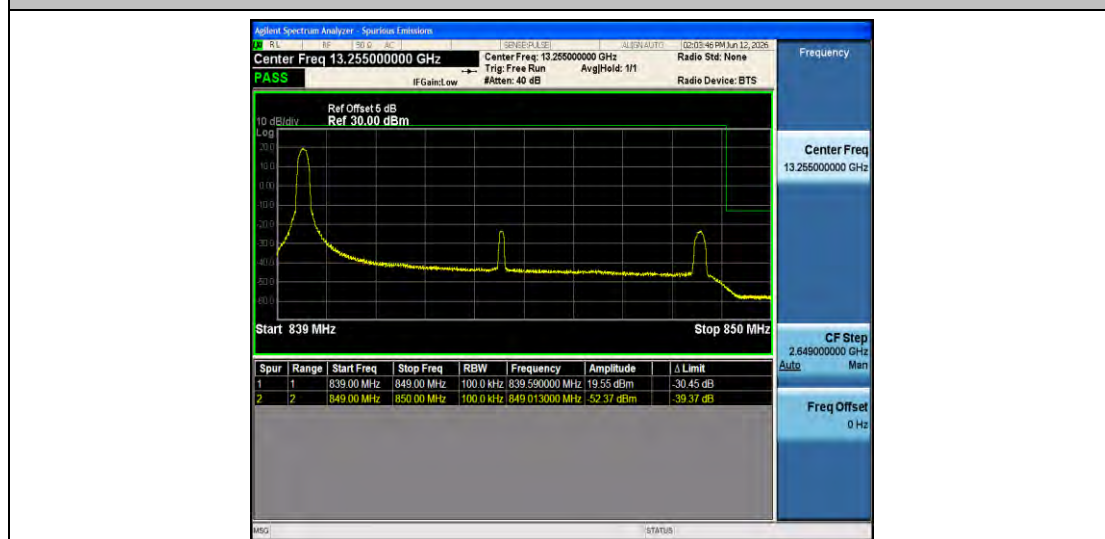
Band5-10MHz-QPSK-20450-50RB#0-PASS



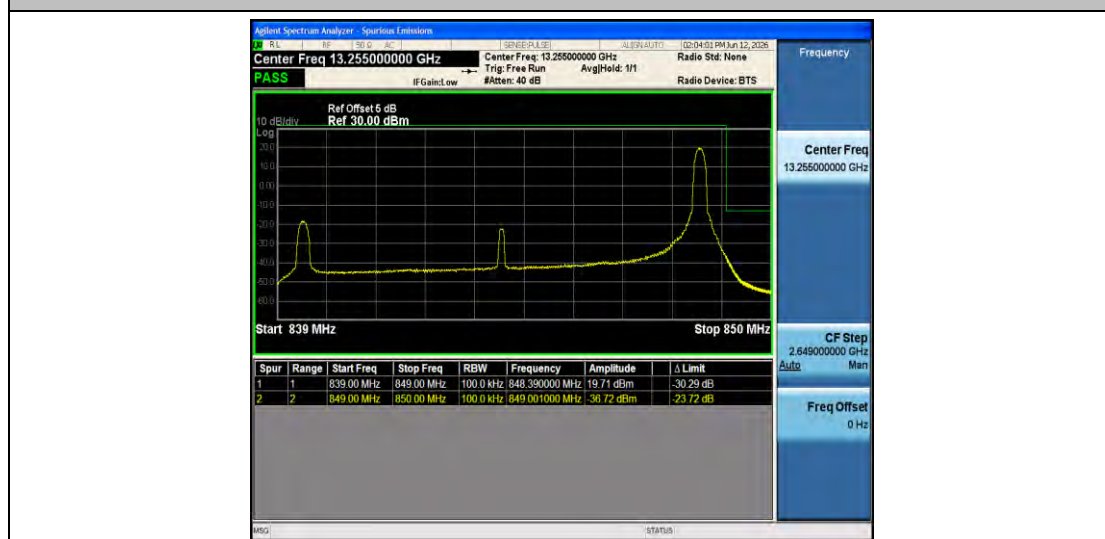
Band5-10MHz-16QAM-20450-50RB#0-PASS



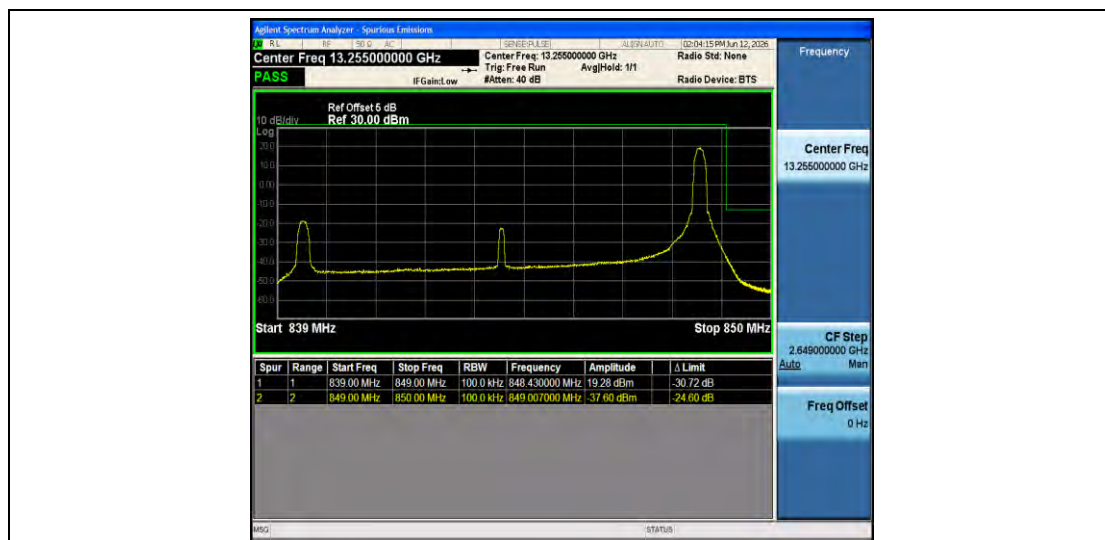
Band5-10MHz-QPSK-20600-1RB#0-PASS



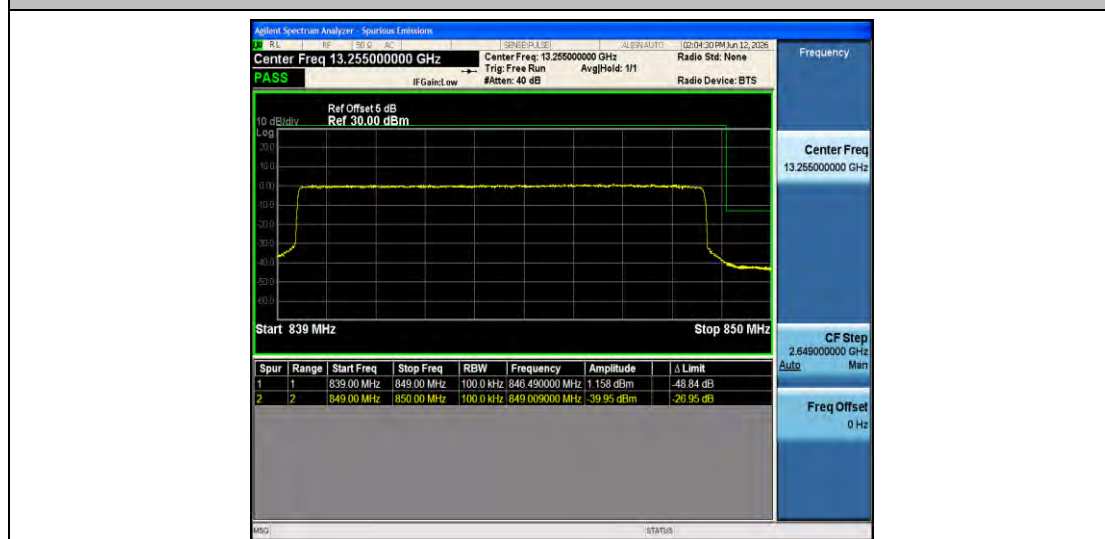
Band5-10MHz-16QAM-20600-1RB#0-PASS



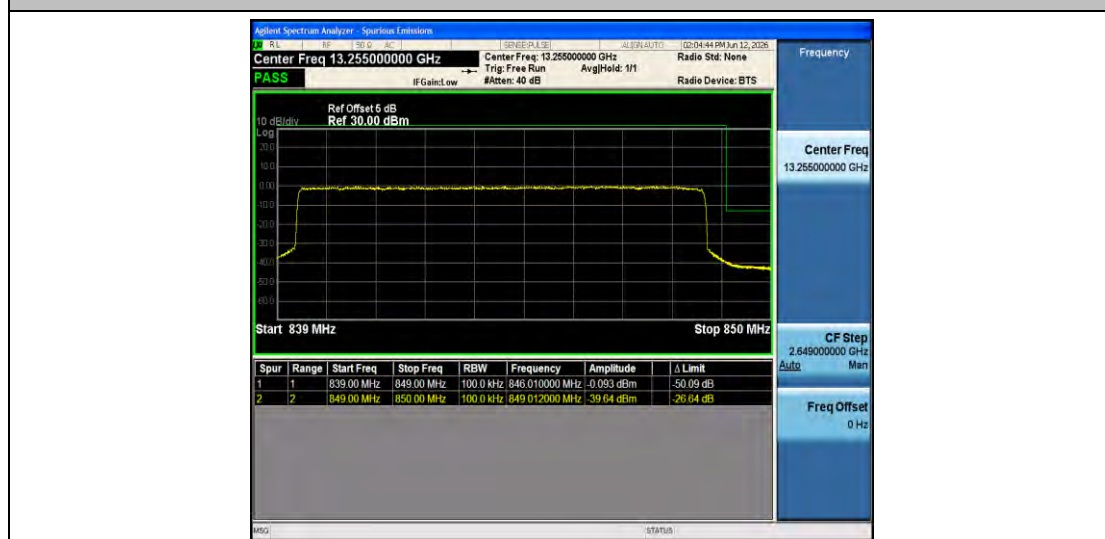
Band5-10MHz-QPSK-20600-1RB#49-PASS



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



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



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

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	0.009~0.15	-38.37	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-53.39	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-43.68	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-39.08	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-48.03	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-37.58	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-56.29	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-45.45	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-41.63	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-48.21	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-39.87	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-55.85	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-63.75	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-42.14	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-48.21	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-34.95	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-52.51	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-63.75	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-44.57	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-47.99	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-38.46	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-53.15	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-55.34	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-41.85	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-48.18	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-38.04	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-54.44	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-54.24	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-40.67	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-47.66	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-37.91	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-54.95	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-43.71	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-39.31	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-48.46	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-37.55	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-54.60	PASS

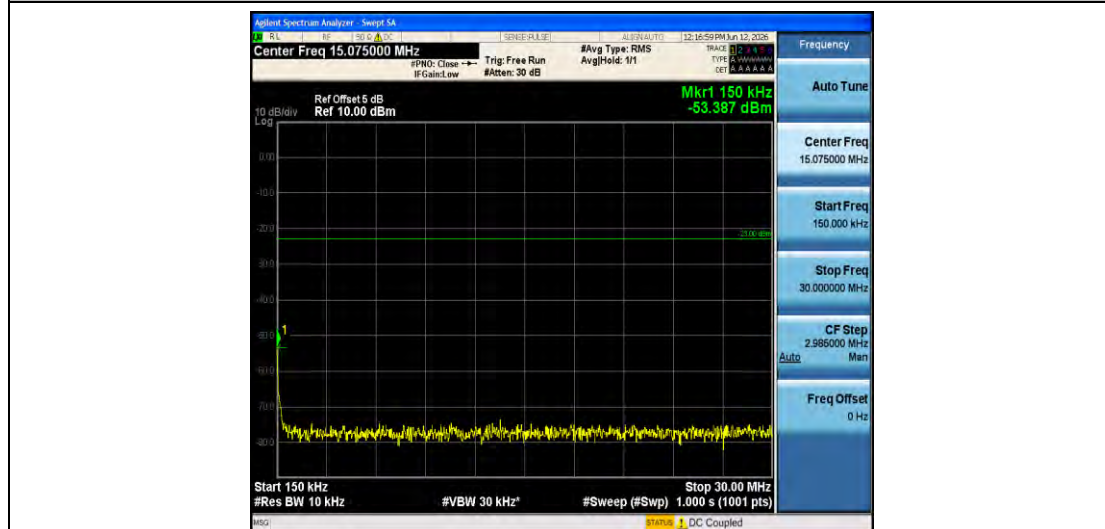
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-44.96	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-40.66	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-48.16	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-39.20	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-54.46	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-62.26	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-40.86	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-48.13	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-39.04	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-56.10	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-63.27	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-43.33	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-47.88	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-37.80	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-56.90	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-45.43	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-41.06	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-47.14	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-38.35	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-55.48	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-44.97	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-41.08	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-48.14	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-38.92	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-53.44	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-42.40	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-41.12	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-48.41	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-36.60	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-55.26	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-44.44	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-41.66	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-48.18	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-38.24	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-54.75	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-62.20	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-41.99	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-48.12	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-39.50	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-54.45	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-62.98	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-42.54	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-48.15	PASS

Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-38.13	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-53.91	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-49.87	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-41.47	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-48.15	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-39.21	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-56.05	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-48.65	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-40.92	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-48.13	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-38.44	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-54.44	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-51.71	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-40.31	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-48.35	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-35.67	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-57.34	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-52.47	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-42.50	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-48.15	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-38.35	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-52.94	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-47.18	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-42.67	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-48.20	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-37.58	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-55.42	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-48.30	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-41.89	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-47.79	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-38.44	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-56.29	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-43.33	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-39.83	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-48.08	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-35.57	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-54.28	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-42.00	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-37.30	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-48.18	PASS

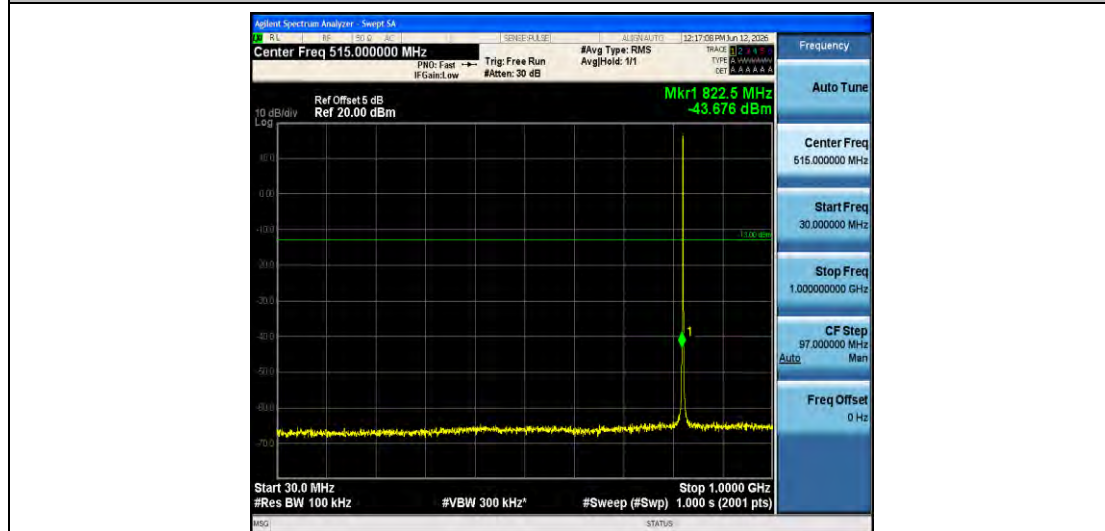
Test Graphs



Band5-1.4MHz-QPSK-20407-1RB#0-0.009~0.15-PASS



Band5-1.4MHz-QPSK-20407-1RB#0-0.15~30-PASS



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