FCC Appendix RF Test Data for LTE

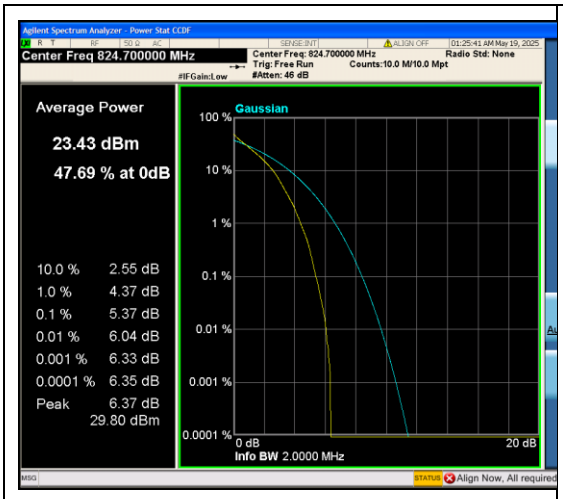
FCC ID	**:**	**2BPTB-CTAB14**
Company:	**:**	**LEON TRADE(H.K.)CO.,LIMITED.**
EUT	**:**	**14 inch Tablet**
Model Number	**:**	**Ctab 14**
Report No.	**:**	**CTA25050802503**
Reviewed By	**:**	**Eric Wang**

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

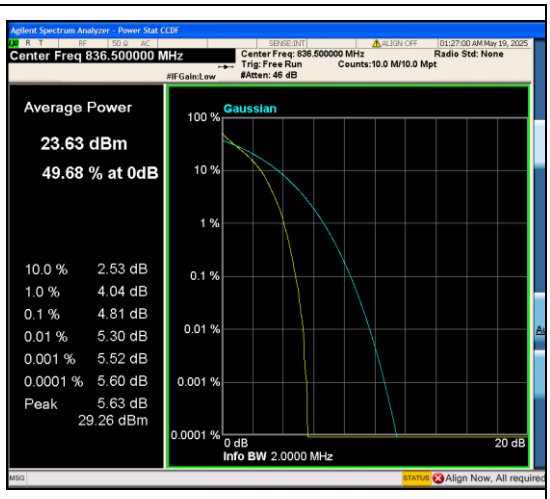
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.37	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.81	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.46	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.15	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.61	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.30	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.39	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.13	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.95	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.22	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.86	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.71	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.43	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.10	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.98	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.09	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.78	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.69	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.23	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.03	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.03	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.05	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.77	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.84	13	PASS

Test Graphs



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



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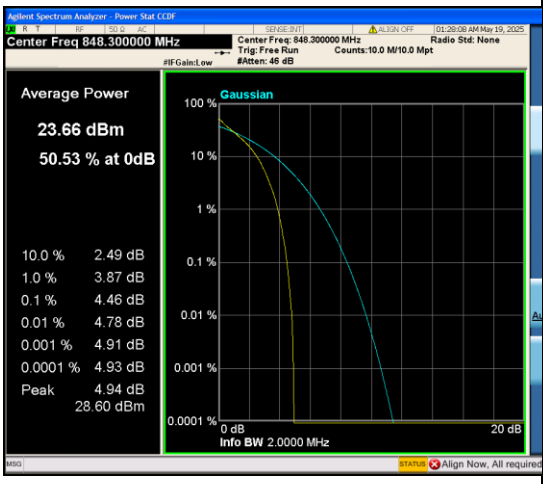
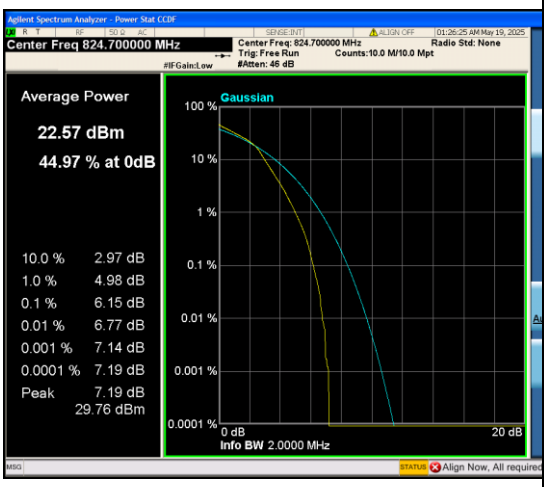
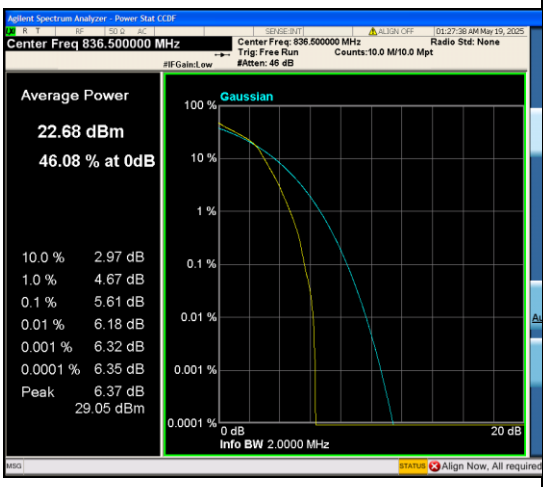


Band5-1.4MHz-QPSK-20643-6RB#0-PASS



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



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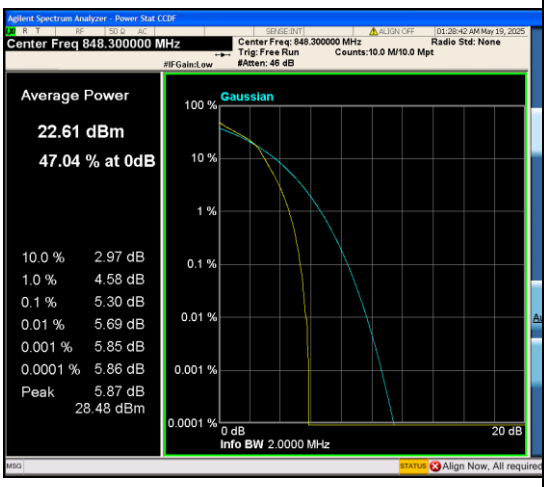
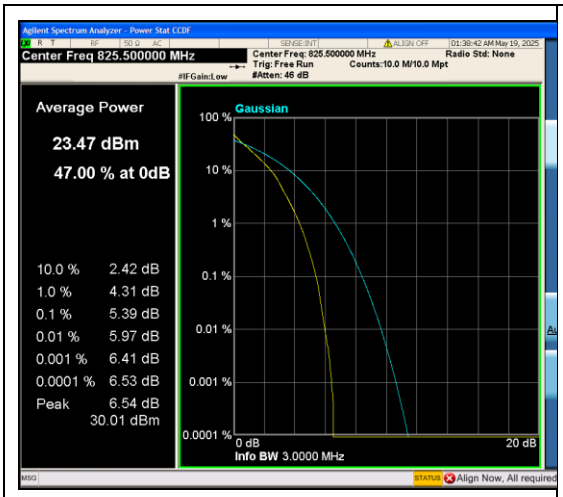
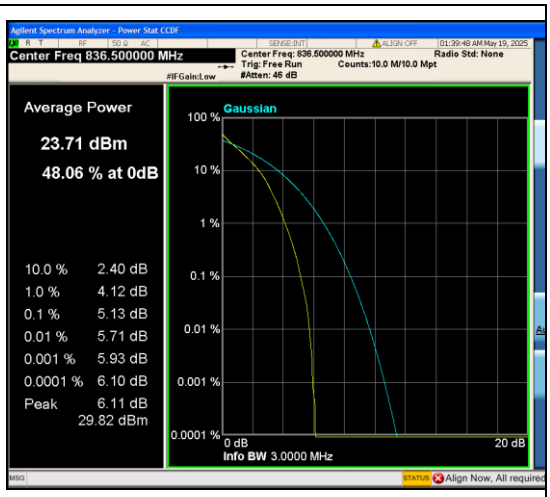


Band5-1.4MHz-16QAM-20643-6RB#0-PASS



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



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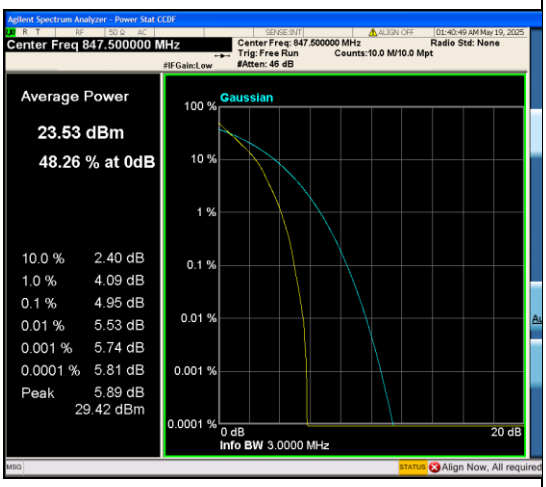

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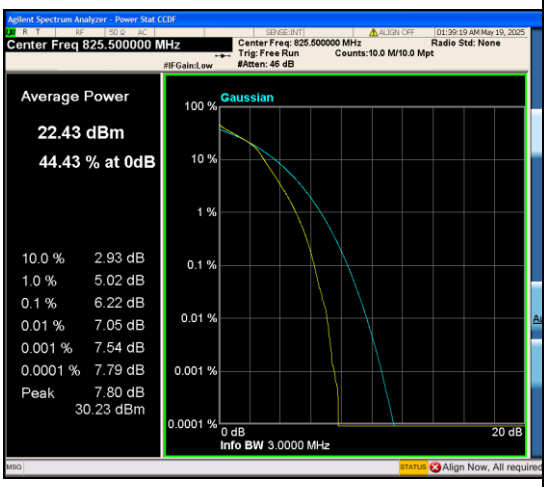

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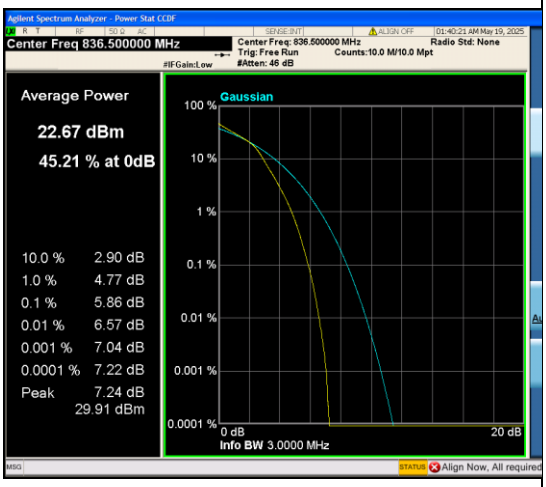

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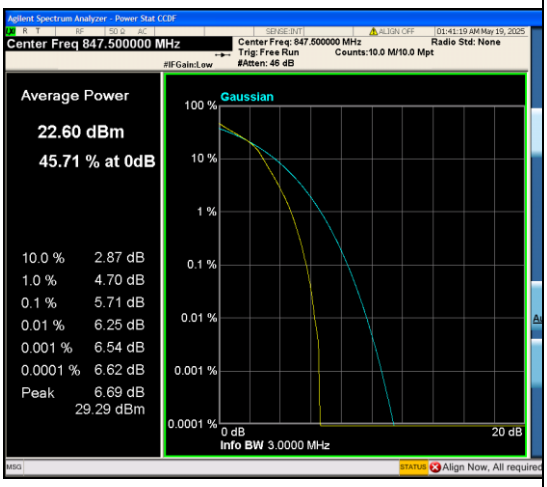

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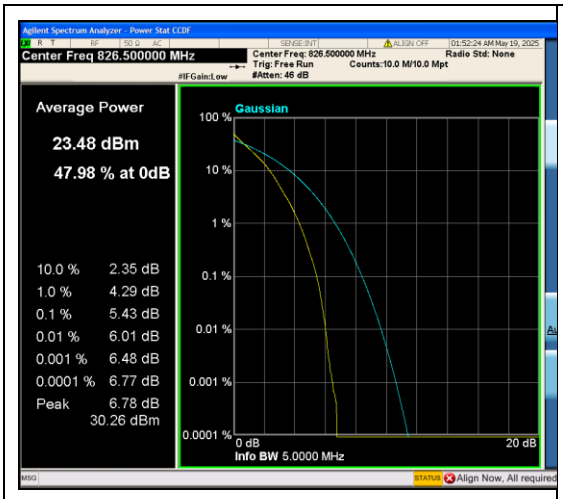
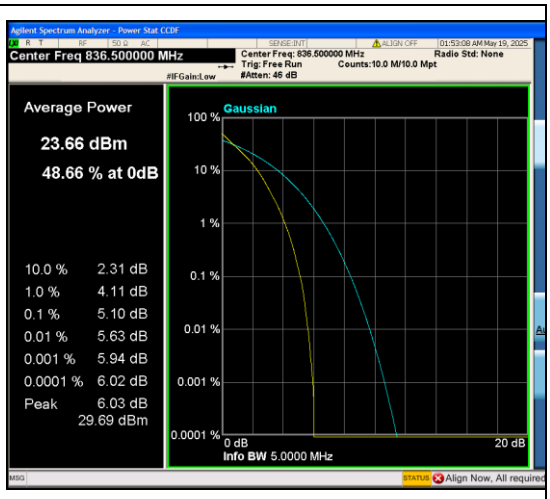
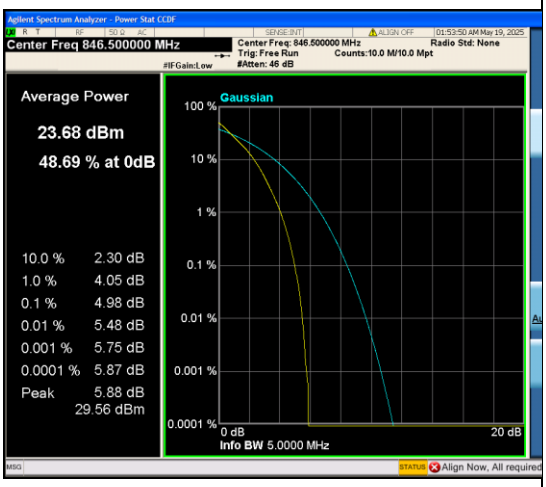


Band5-5MHz-QPSK-20425-25RB#0-PASS



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



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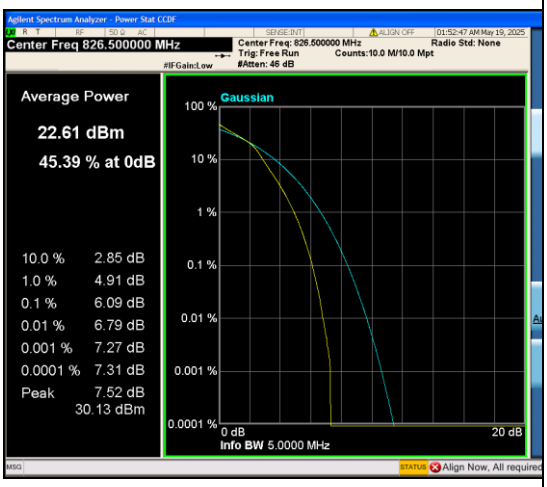

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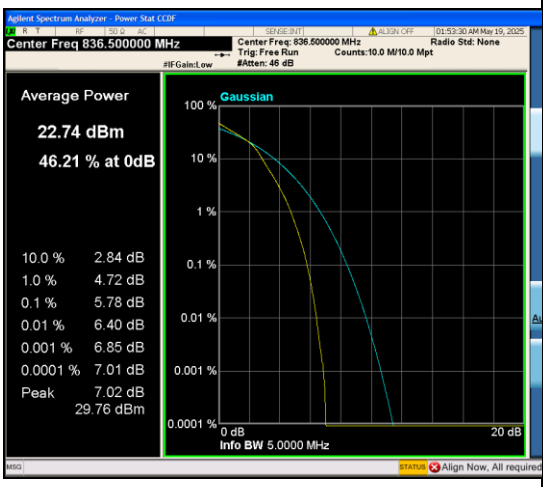

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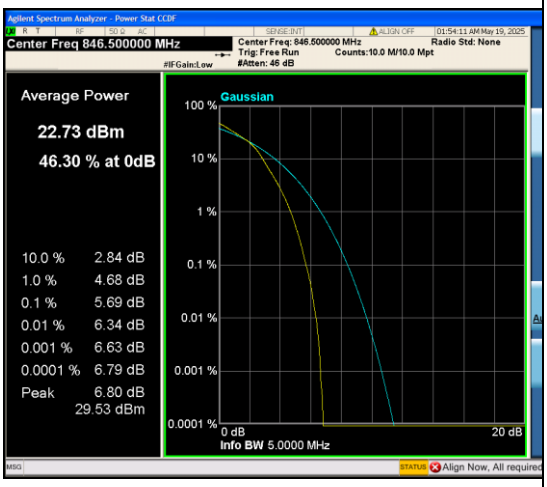

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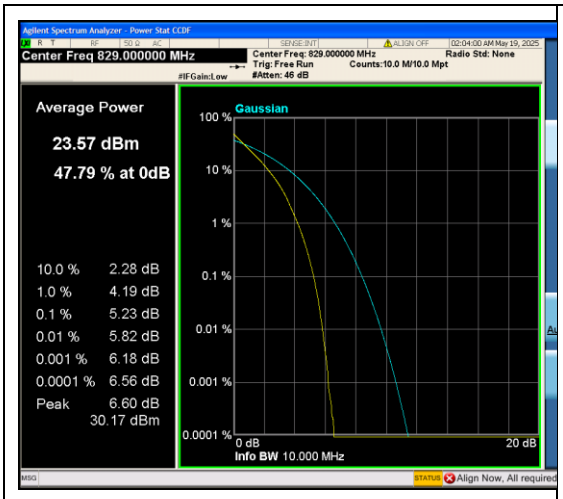
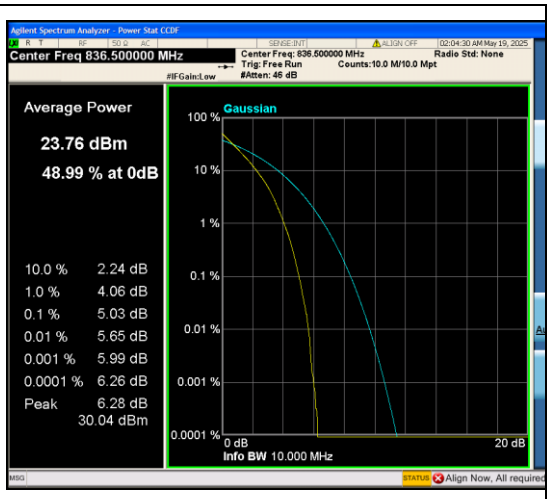
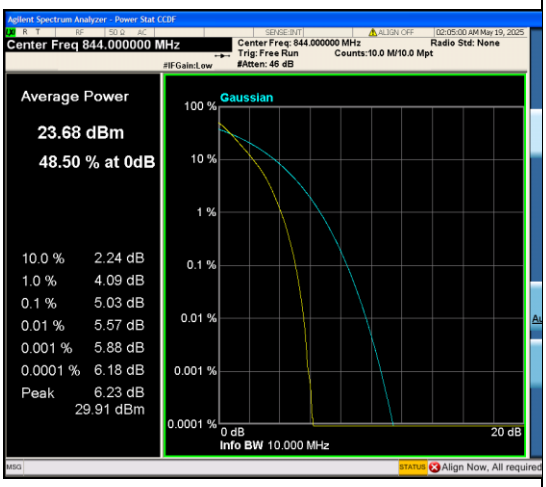


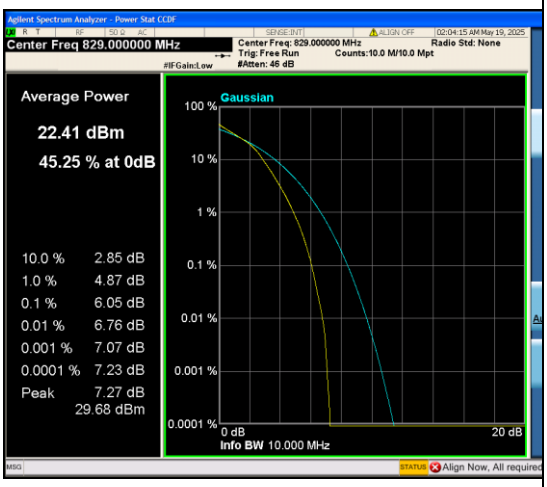
Band5-10MHz-QPSK-20450-50RB#0-PASS



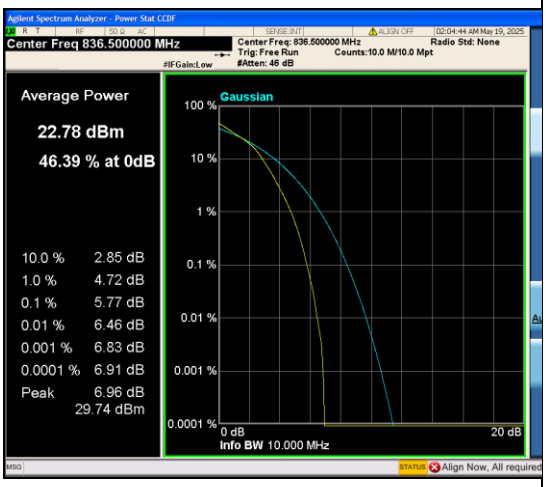
Band5-10MHz-QPSK-20525-50RB#0-PASS



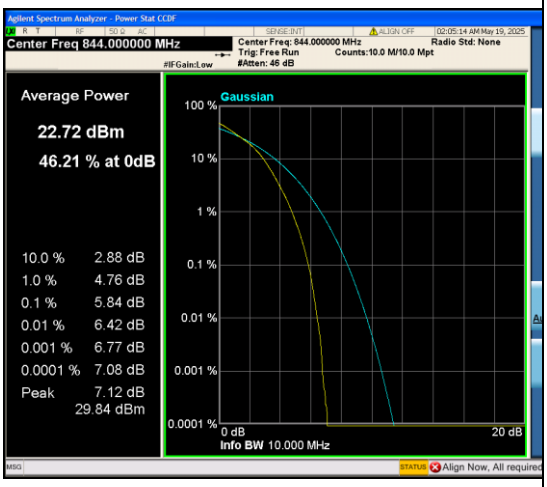
Band5-10MHz-QPSK-20600-50RB#0-PASS



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



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



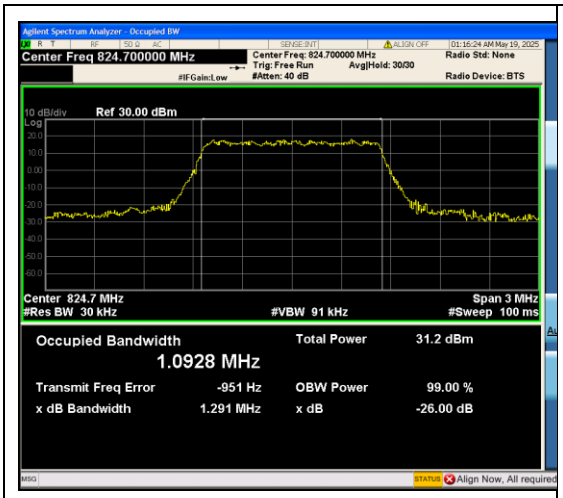
Band5-10MHz-16QAM-20600-50RB#0-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

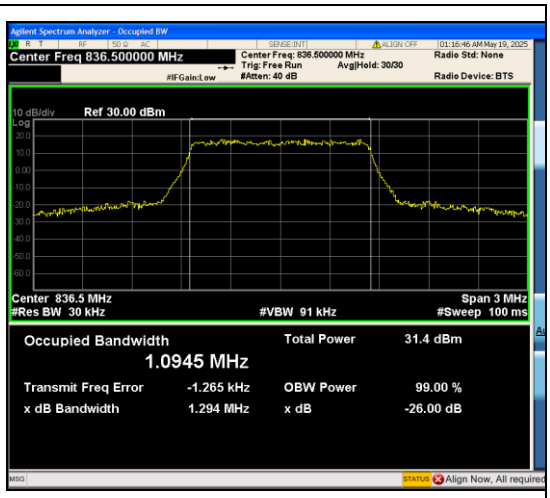
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0928	1.291	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0945	1.294	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.1034	1.307	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0993	1.300	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1010	1.299	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0897	1.280	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6956	2.967	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6988	2.970	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7022	2.959	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6869	2.968	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6957	2.968	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6991	2.964	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5046	5.010	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4906	4.977	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.4999	4.994	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4957	4.980	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5020	5.005	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5161	5.027	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9791	9.976	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9783	9.898	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9560	9.931	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9784	9.798	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9600	9.894	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9612	9.886	PASS

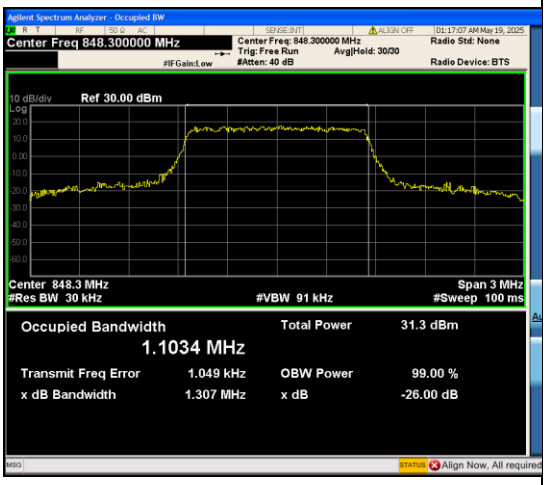
Test Graphs



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



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



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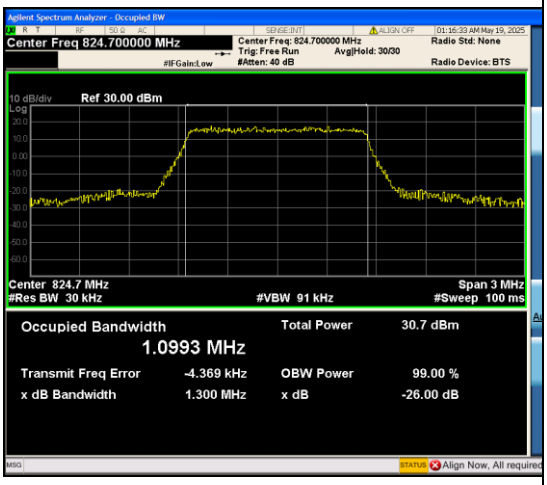
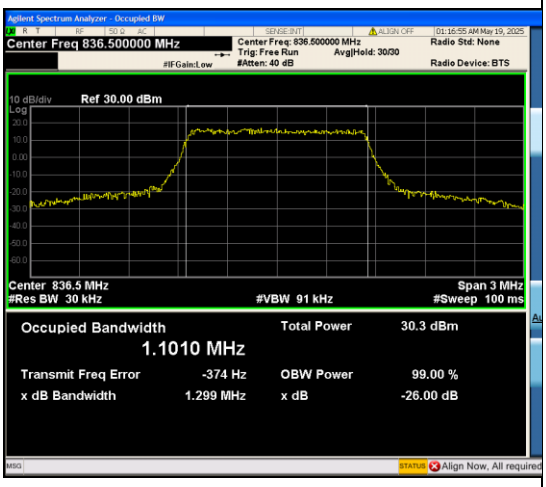
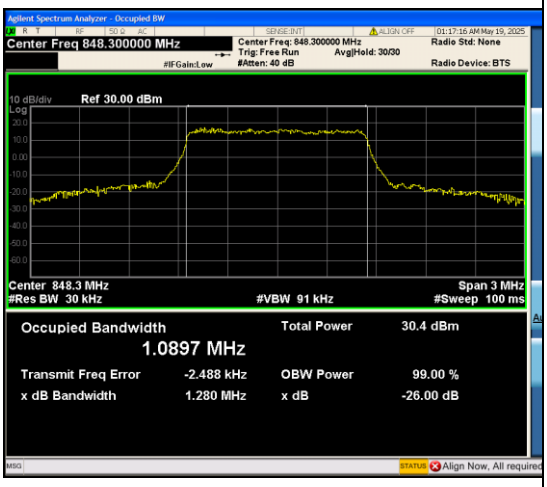


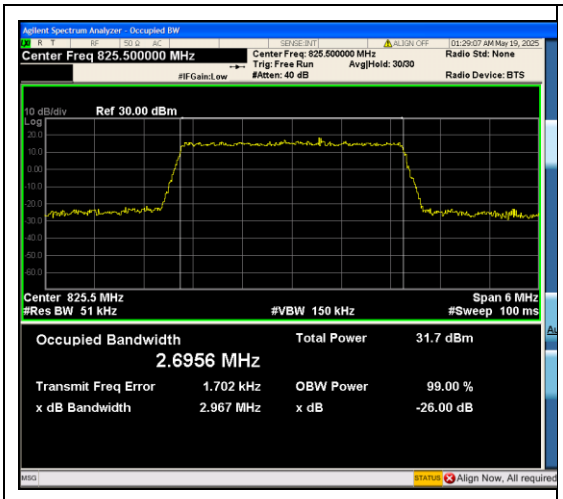
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



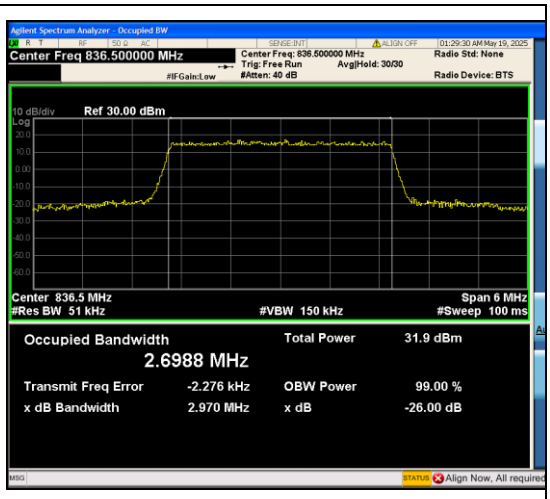
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



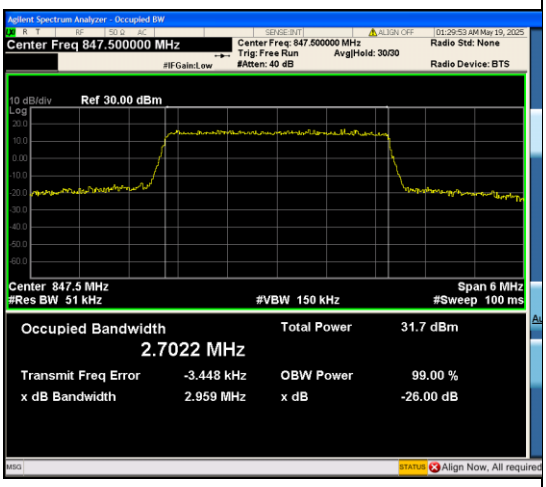
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



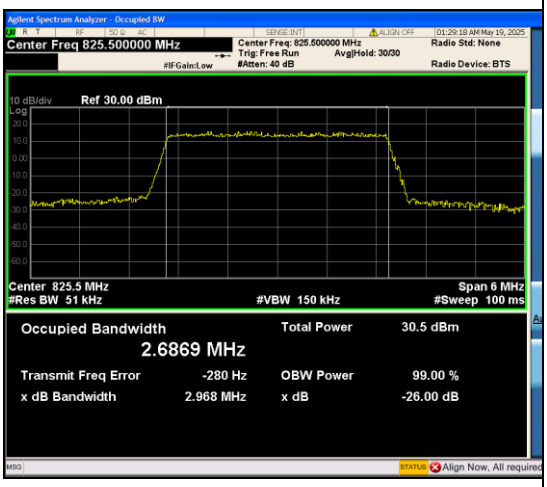
Band5-3MHz-QPSK-20415-15RB#0-PASS



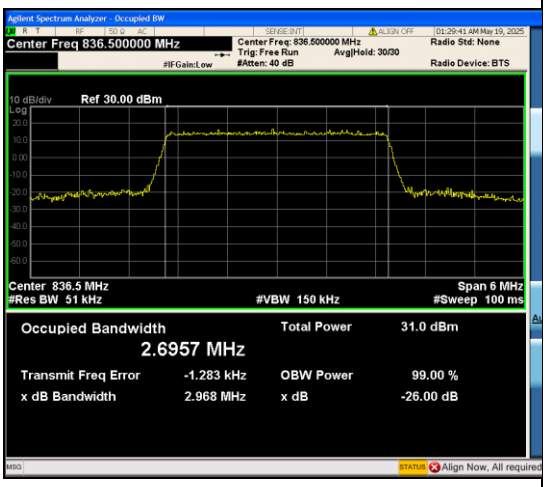
Band5-3MHz-QPSK-20525-15RB#0-PASS



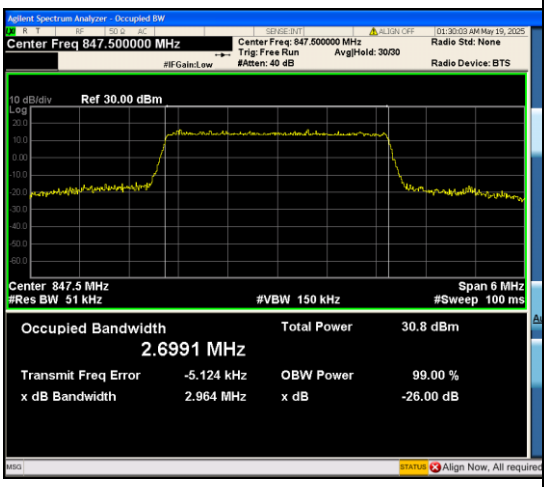
Band5-3MHz-QPSK-20635-15RB#0-PASS



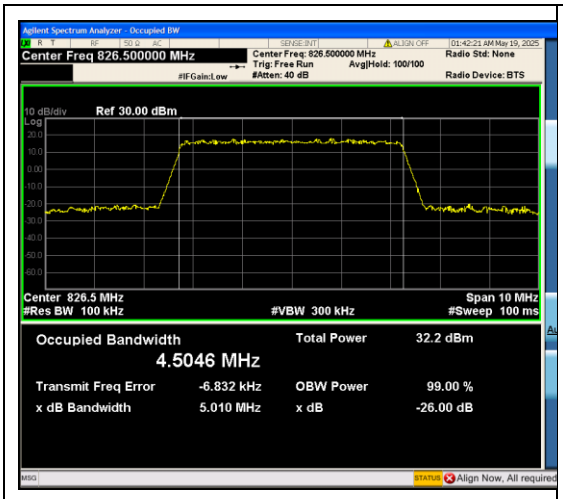
Band5-3MHz-16QAM-20415-15RB#0-PASS



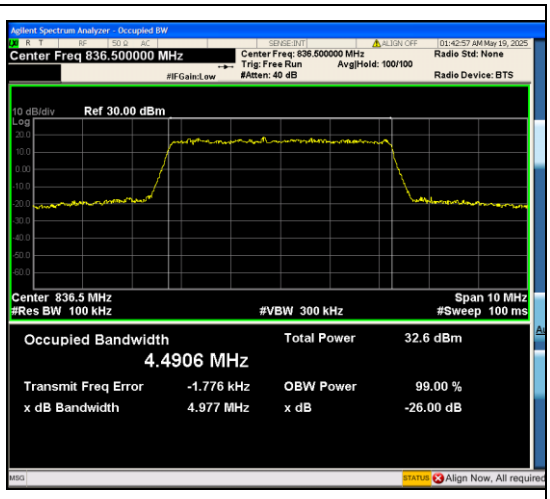
Band5-3MHz-16QAM-20525-15RB#0-PASS



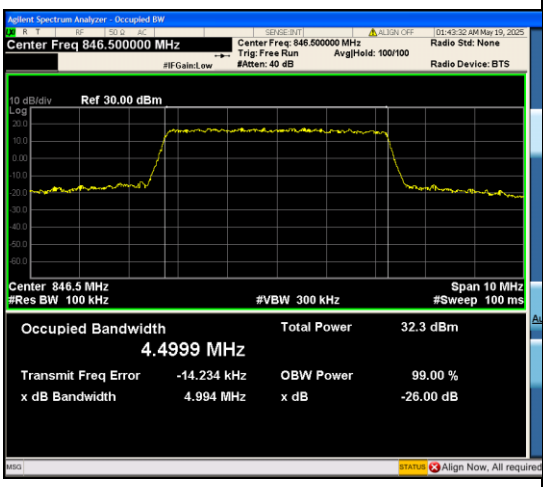
Band5-3MHz-16QAM-20635-15RB#0-PASS



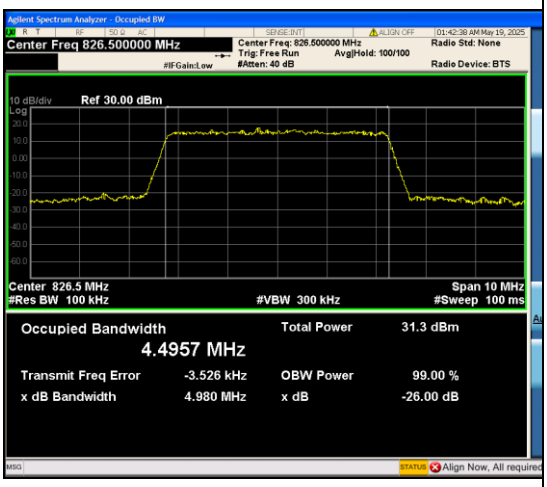
Band5-5MHz-QPSK-20425-25RB#0-PASS



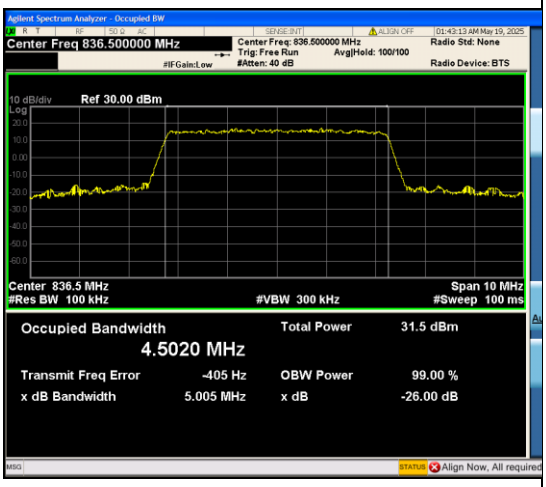
Band5-5MHz-QPSK-20525-25RB#0-PASS



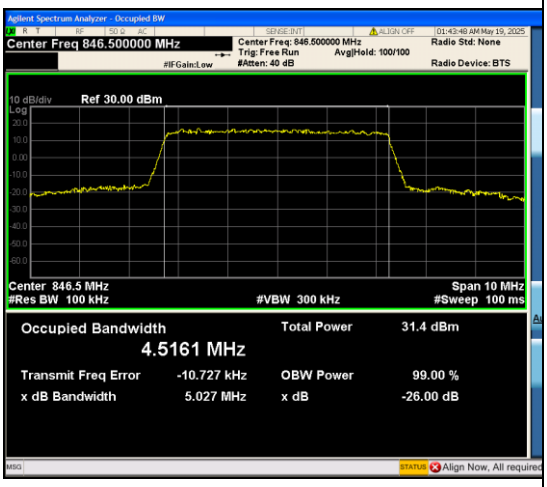
Band5-5MHz-QPSK-20625-25RB#0-PASS



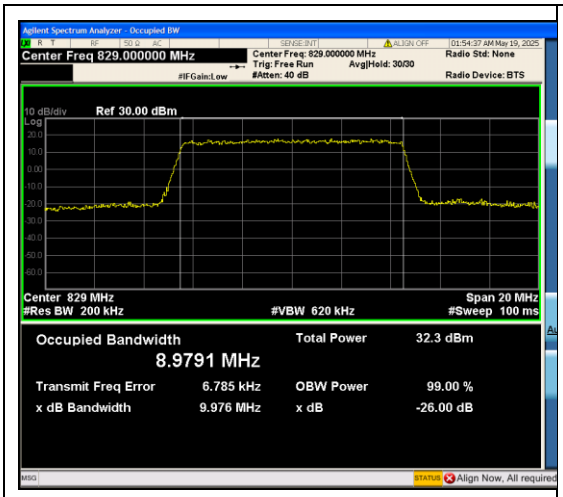
Band5-5MHz-16QAM-20425-25RB#0-PASS



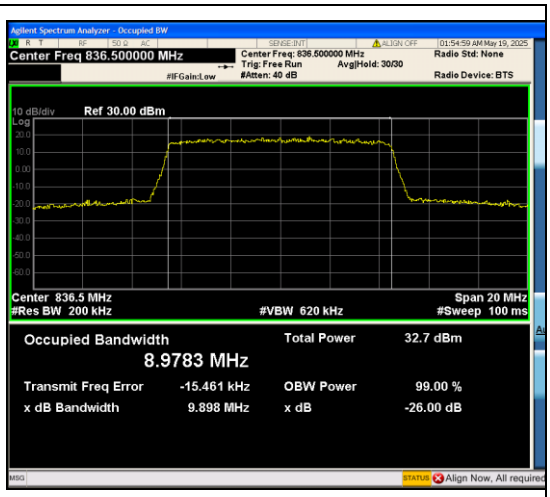
Band5-5MHz-16QAM-20525-25RB#0-PASS



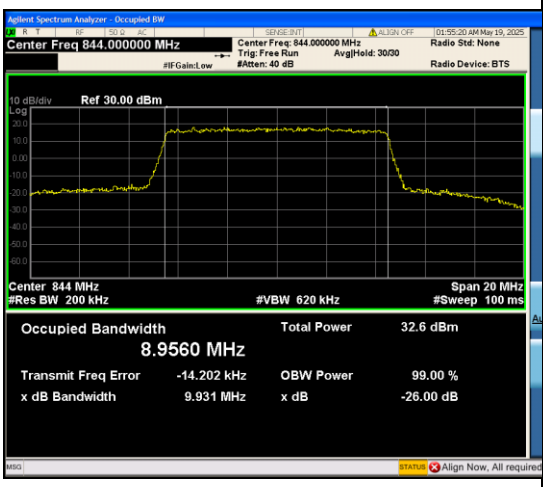
Band5-5MHz-16QAM-20625-25RB#0-PASS



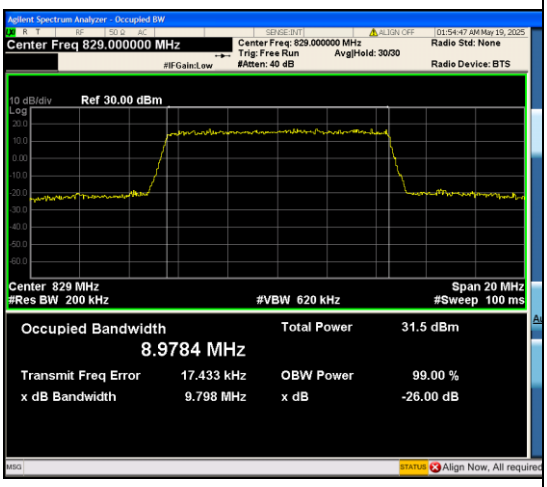
Band5-10MHz-QPSK-20450-50RB#0-PASS



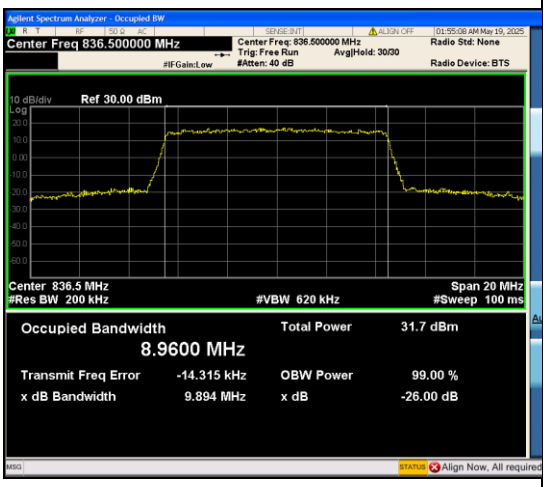
Band5-10MHz-QPSK-20525-50RB#0-PASS



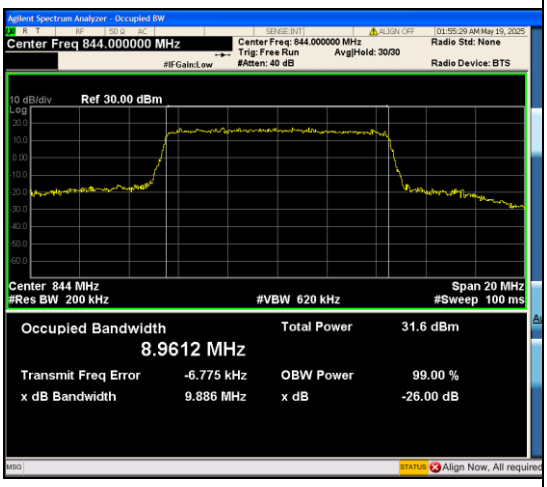
Band5-10MHz-QPSK-20600-50RB#0-PASS



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



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



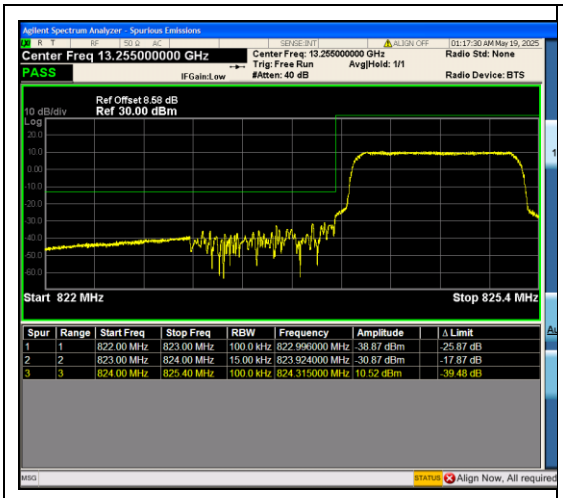
Band5-10MHz-16QAM-20600-50RB#0-PASS

Appendix D: Band Edge

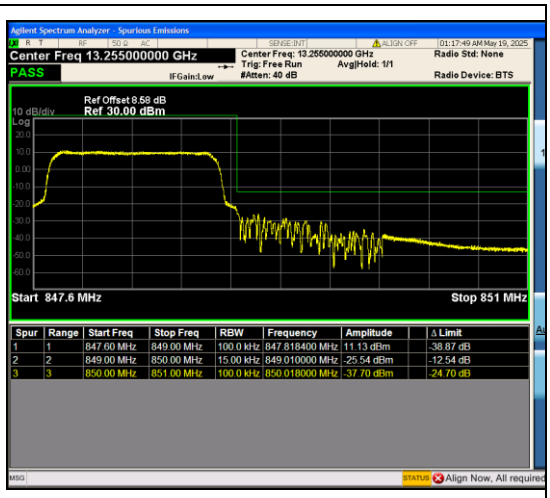
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-30.87	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-25.54	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-26.14	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-23.19	PASS
Band5	3MHz	QPSK	20415	15RB#0	-29.84	PASS
Band5	3MHz	QPSK	20635	15RB#0	-28.52	PASS
Band5	3MHz	16QAM	20415	15RB#0	-31.79	PASS
Band5	3MHz	16QAM	20635	15RB#0	-30.14	PASS
Band5	5MHz	QPSK	20425	25RB#0	-32.66	PASS
Band5	5MHz	QPSK	20625	25RB#0	-30.21	PASS
Band5	5MHz	16QAM	20425	25RB#0	-33.93	PASS
Band5	5MHz	16QAM	20625	25RB#0	-31.90	PASS
Band5	10MHz	QPSK	20450	50RB#0	-33.39	PASS
Band5	10MHz	QPSK	20600	50RB#0	-33.92	PASS
Band5	10MHz	16QAM	20450	50RB#0	-35.73	PASS
Band5	10MHz	16QAM	20600	50RB#0	-36.81	PASS

Test Graphs

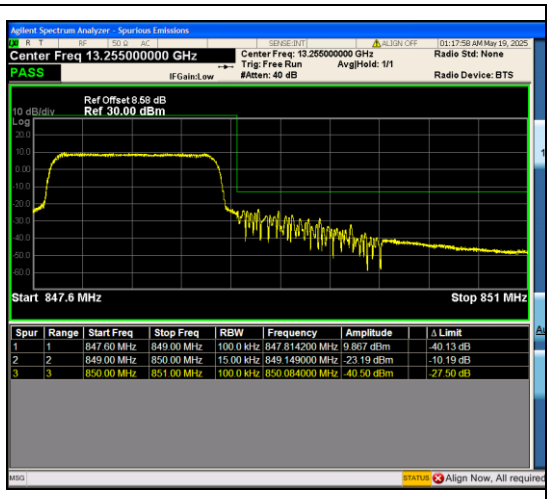


Band5_1.4MHz_QPSK_20407_6RB#0

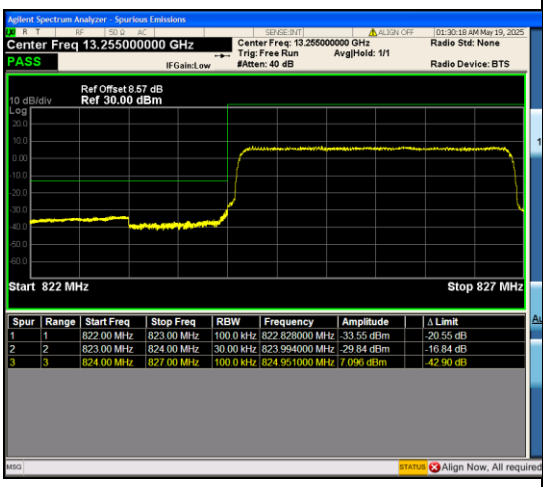


Band5_1.4MHz_QPSK_20643_6RB#0

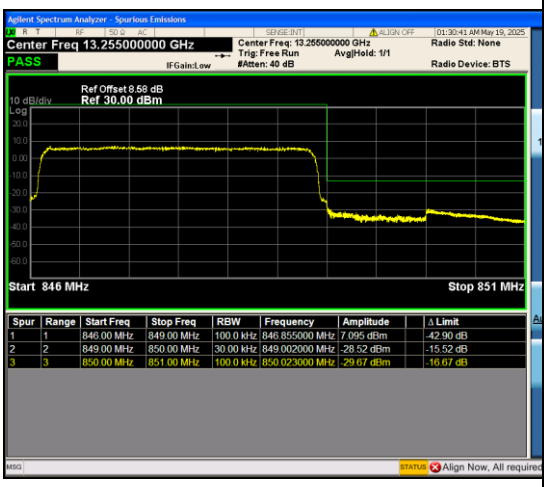
Band5_1.4MHz_16QAM_20407_6RB#0



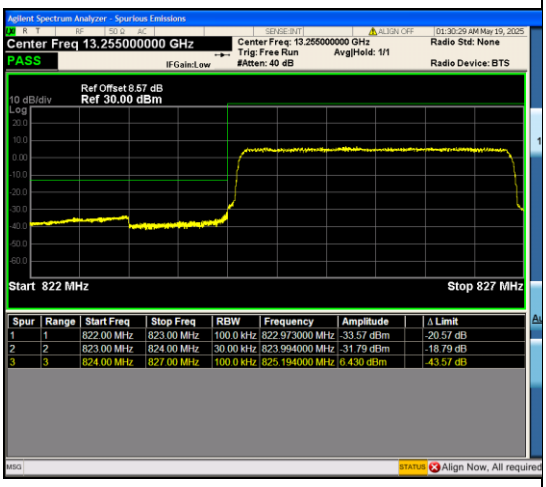
Band5_1.4MHz_16QAM_20643_6RB#0



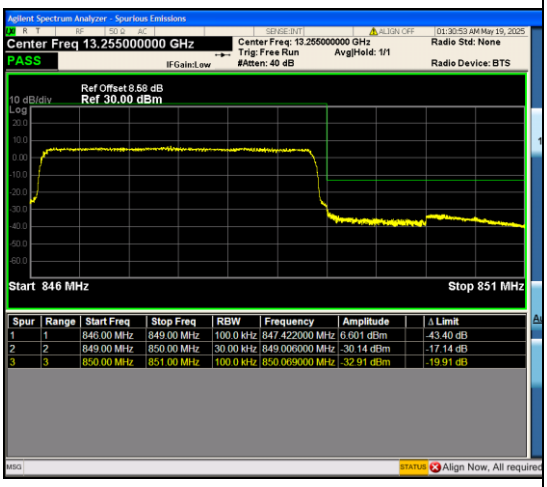
Band5_3MHz_QPSK_20415_15RB#0



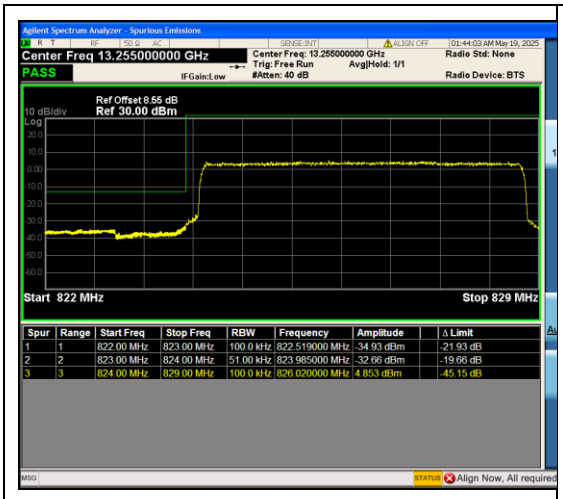
Band5_3MHz_QPSK_20635_15RB#0



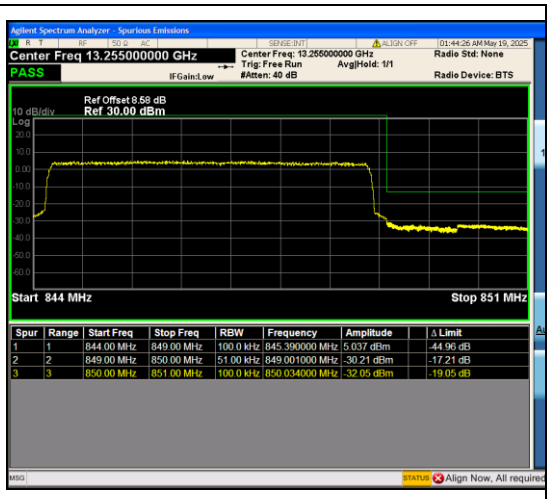
Band5_3MHz_16QAM_20415_15RB#0



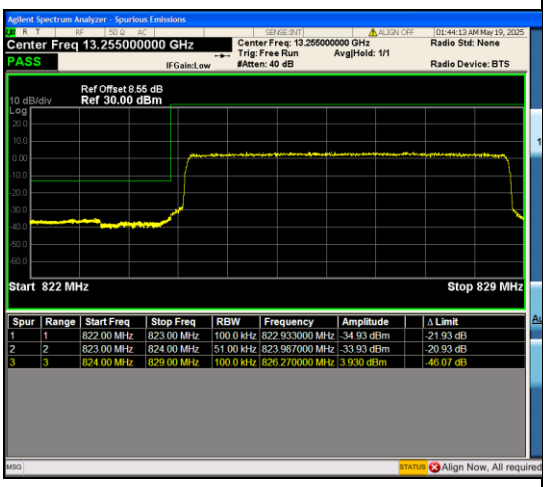
Band5_3MHz_16QAM_20635_15RB#0



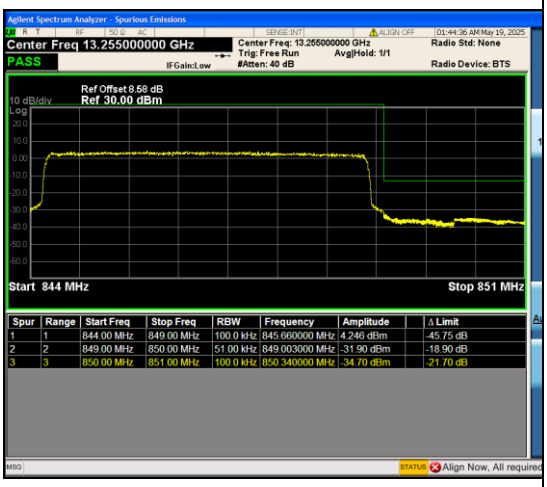
Band5_5MHz_QPSK_20425_25RB#0



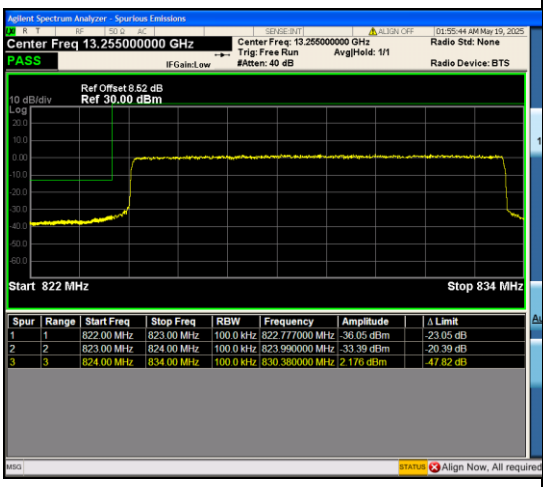
Band5_5MHz_QPSK_20625_25RB#0



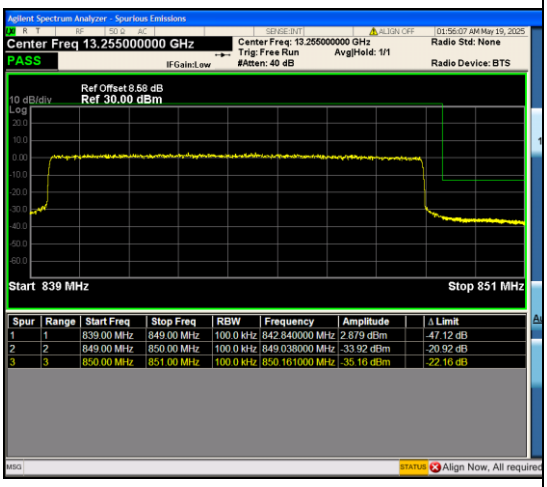
Band5_5MHz_16QAM_20425_25RB#0



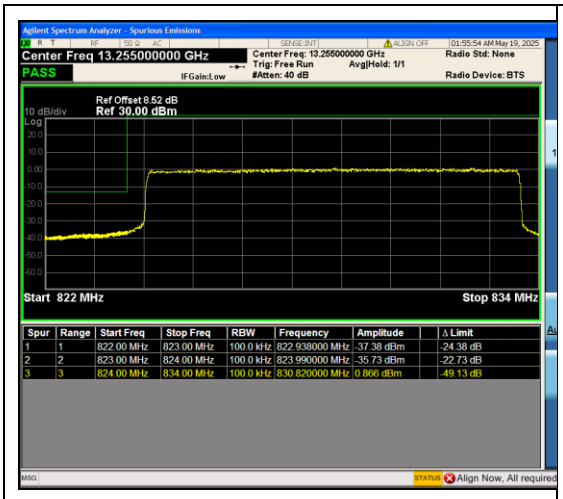
Band5_5MHz_16QAM_20625_25RB#0



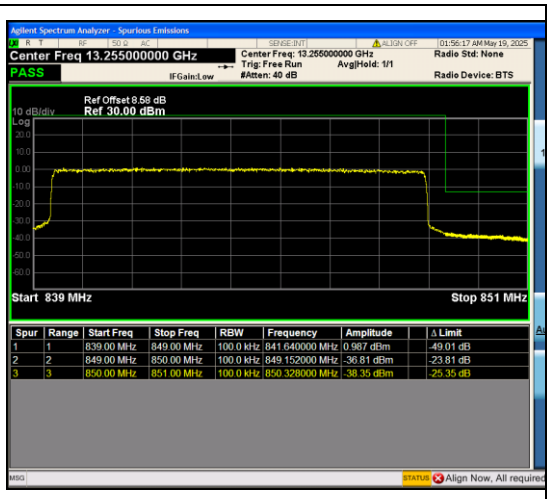
Band5_10MHz_QPSK_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0



Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_16QAM_20600_50RB#0

Appendix E: Conducted Spurious Emission

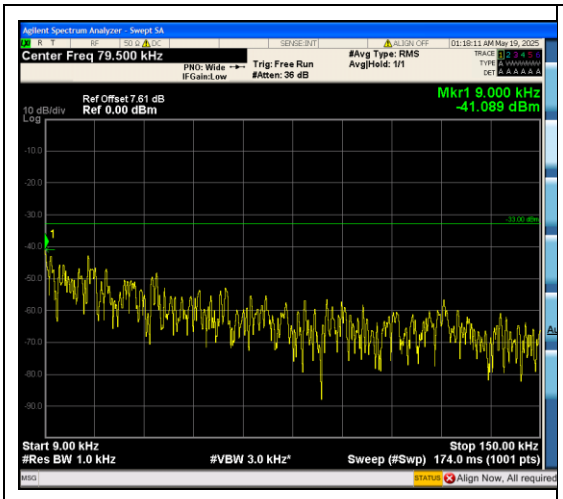
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	0.009~0.15	-41.09	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-54.42	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-47.68	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-45.05	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-44.19	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-41.93	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-53.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-50.42	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-43.98	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-44.12	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-42.46	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-54.58	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-45.67	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-44.77	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-42.45	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-36.94	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-53.04	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-49.61	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-45.17	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-44.03	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-39.85	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-50.92	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-51.35	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-45.03	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-43.01	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-42.04	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-53.20	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-50.08	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-46.04	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-43.44	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-44.14	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-51.72	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-48.45	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-46.67	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-43.27	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-41.87	PASS

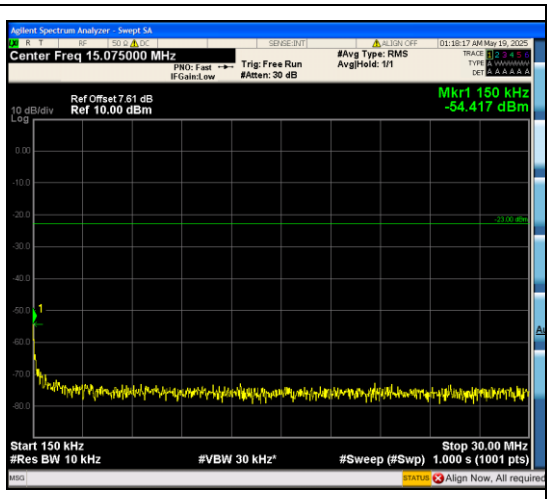
Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-54.46	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-50.22	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-46.67	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-43.28	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-40.18	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-52.47	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-48.10	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-46.71	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-43.21	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-40.74	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-54.34	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-50.60	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-47.24	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-43.42	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-40.98	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-53.88	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-53.16	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-47.08	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-43.51	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-41.52	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-53.50	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-50.30	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-46.95	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-43.25	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-41.70	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-53.90	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-50.04	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-46.65	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-43.47	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-42.25	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-52.56	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-51.81	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-46.81	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-43.41	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-38.50	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-52.88	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-50.63	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-46.62	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-43.34	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-41.56	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-53.76	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-52.46	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-47.01	PASS

Band5	5MHz	16QAM	20425	25RB#0	3000~10000	-43.18	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.009~0.15	-39.15	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.15~30	-54.05	PASS
Band5	5MHz	16QAM	20525	25RB#0	30~1000	-53.63	PASS
Band5	5MHz	16QAM	20525	25RB#0	1000~3000	-47.09	PASS
Band5	5MHz	16QAM	20525	25RB#0	3000~10000	-43.02	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.009~0.15	-40.53	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.15~30	-51.50	PASS
Band5	5MHz	16QAM	20625	25RB#0	30~1000	-52.55	PASS
Band5	5MHz	16QAM	20625	25RB#0	1000~3000	-46.09	PASS
Band5	5MHz	16QAM	20625	25RB#0	3000~10000	-43.52	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.009~0.15	-39.38	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.15~30	-52.75	PASS
Band5	10MHz	QPSK	20450	50RB#0	30~1000	-60.00	PASS
Band5	10MHz	QPSK	20450	50RB#0	1000~3000	-46.67	PASS
Band5	10MHz	QPSK	20450	50RB#0	3000~10000	-43.14	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.009~0.15	-42.29	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.15~30	-52.79	PASS
Band5	10MHz	QPSK	20525	50RB#0	30~1000	-54.25	PASS
Band5	10MHz	QPSK	20525	50RB#0	1000~3000	-46.66	PASS
Band5	10MHz	QPSK	20525	50RB#0	3000~10000	-43.28	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.009~0.15	-38.22	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.15~30	-52.01	PASS
Band5	10MHz	QPSK	20600	50RB#0	30~1000	-53.73	PASS
Band5	10MHz	QPSK	20600	50RB#0	1000~3000	-46.66	PASS
Band5	10MHz	QPSK	20600	50RB#0	3000~10000	-43.48	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.009~0.15	-43.47	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.15~30	-53.39	PASS
Band5	10MHz	16QAM	20450	50RB#0	30~1000	-61.16	PASS
Band5	10MHz	16QAM	20450	50RB#0	1000~3000	-46.85	PASS
Band5	10MHz	16QAM	20450	50RB#0	3000~10000	-43.32	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.009~0.15	-41.90	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.15~30	-53.63	PASS
Band5	10MHz	16QAM	20525	50RB#0	30~1000	-57.36	PASS
Band5	10MHz	16QAM	20525	50RB#0	1000~3000	-46.48	PASS
Band5	10MHz	16QAM	20525	50RB#0	3000~10000	-43.22	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.009~0.15	-43.31	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.15~30	-51.94	PASS
Band5	10MHz	16QAM	20600	50RB#0	30~1000	-55.46	PASS
Band5	10MHz	16QAM	20600	50RB#0	1000~3000	-46.88	PASS
Band5	10MHz	16QAM	20600	50RB#0	3000~10000	-42.53	PASS

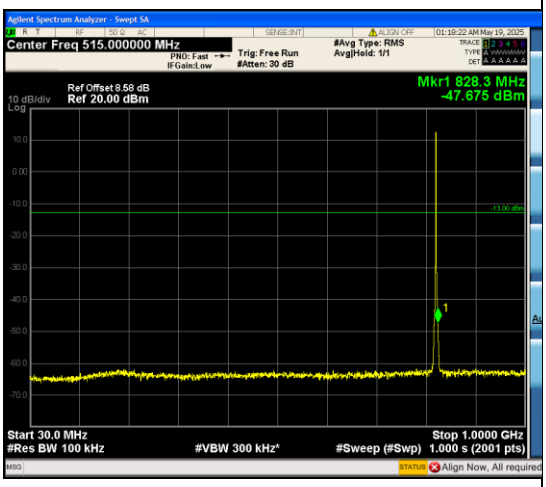
Test Graphs



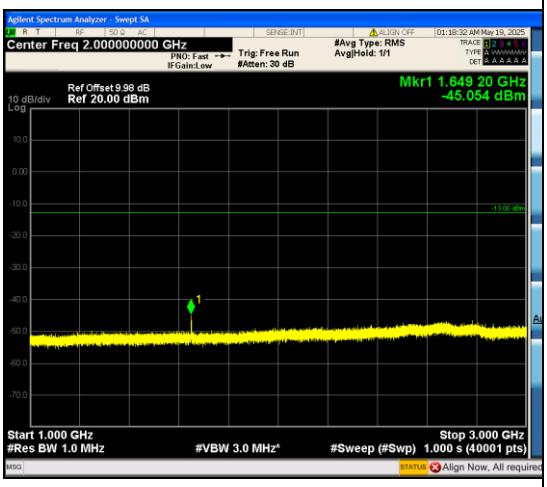
Band5_1.4MHz_QPSK_20407_6RB#0_0.009~0.15_0.009~0.15



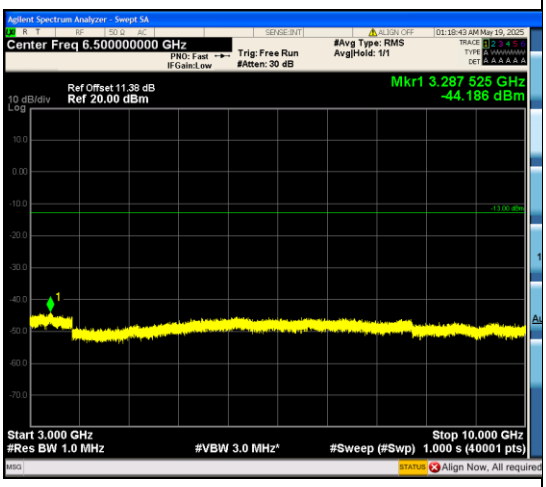
Band5_1.4MHz_QPSK_20407_6RB#0_0.15~30_0.15~30



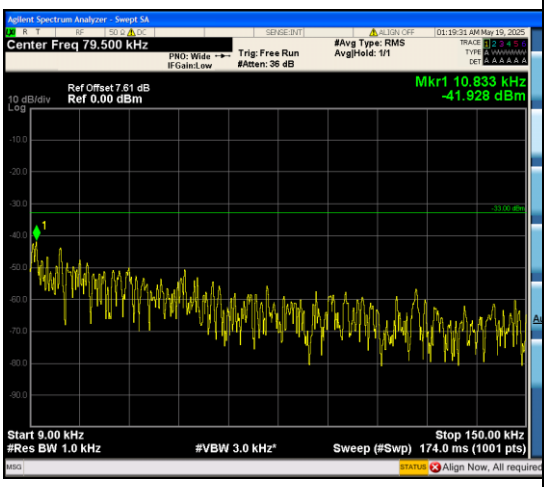
Band5_1.4MHz_QPSK_20407_6RB#0_30~1000_30~1000



Band5_1.4MHz_QPSK_20407_6RB#0_1000~3000_1000~3000



Band5_1.4MHz_QPSK_20407_6RB#0_3000~10000_3000~10000



Band5_1.4MHz_QPSK_20525_6RB#0_0.009~0.15_0.009~0.15