FCC LTE Band Test Data

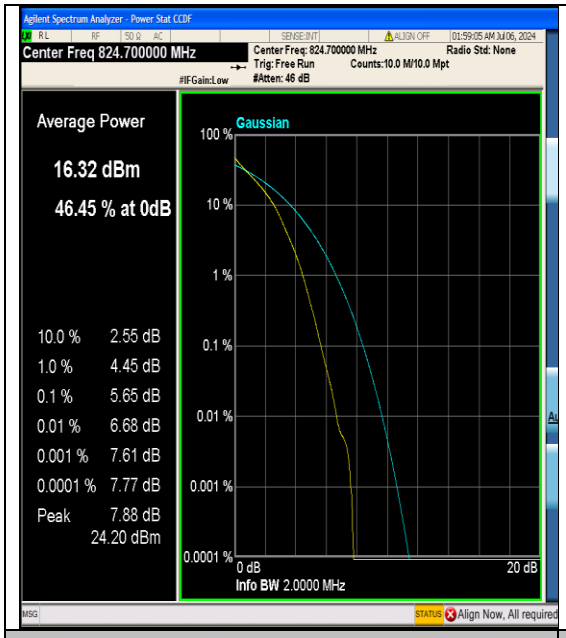
FCC ID	**:**	**2BCQ3FLY400**
Company:	**:**	**A3 MOBILE SAS**
EUT	**:**	**Mobile Phone**
Model Number	**:**	**FY-400**
Reviewed By	**:**	**Eric Wang**

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

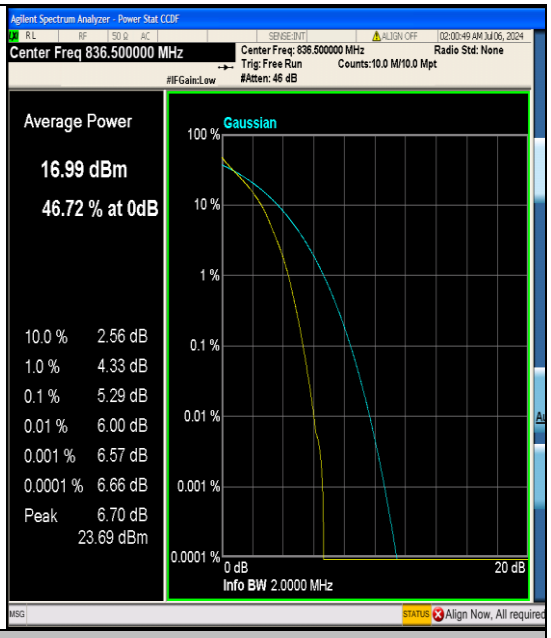
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.65	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.29	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.10	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.40	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	6.05	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.86	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.69	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.44	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.25	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.39	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.20	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.04	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.63	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.39	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.41	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	6.30	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	6.09	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	6.09	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.53	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.23	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	5.88	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	6.02	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.04	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	6.41	13	PASS

Test Graphs



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



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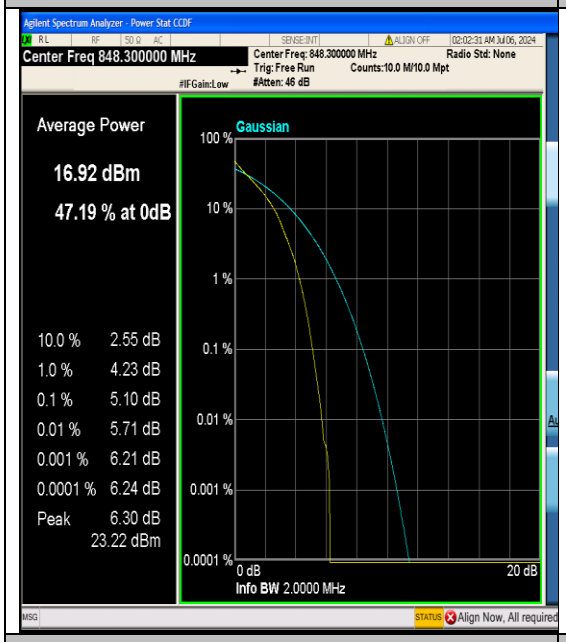
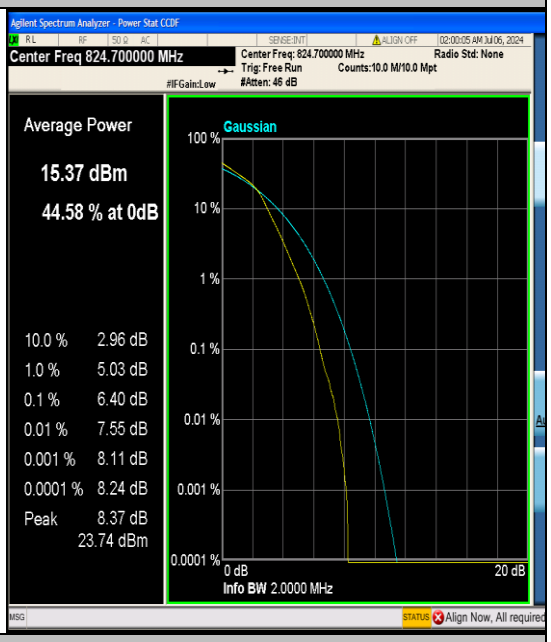


Band5-1.4MHz-QPSK-20643-6RB#0-PASS



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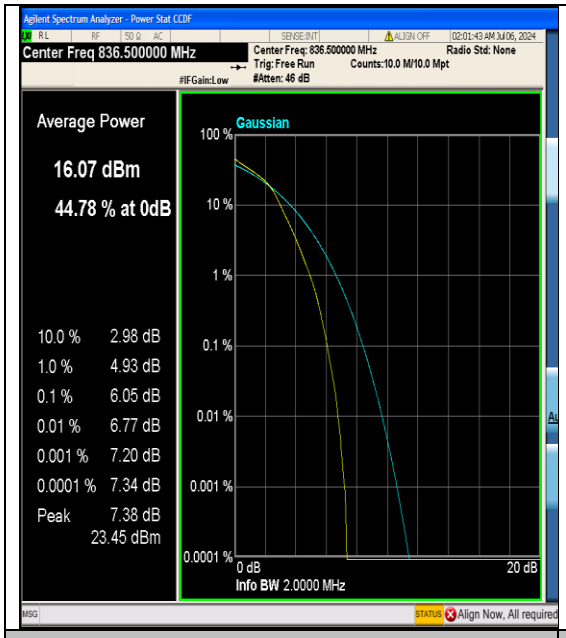

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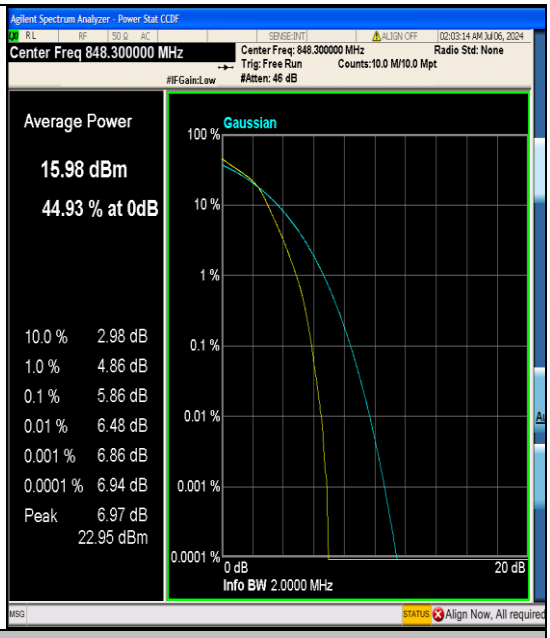

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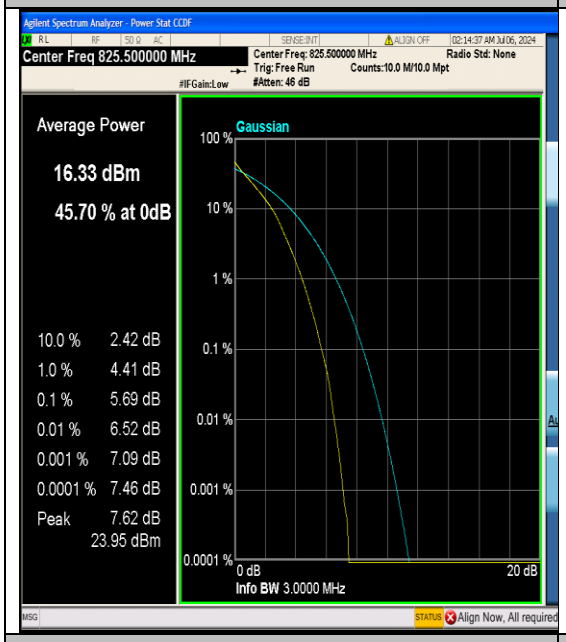
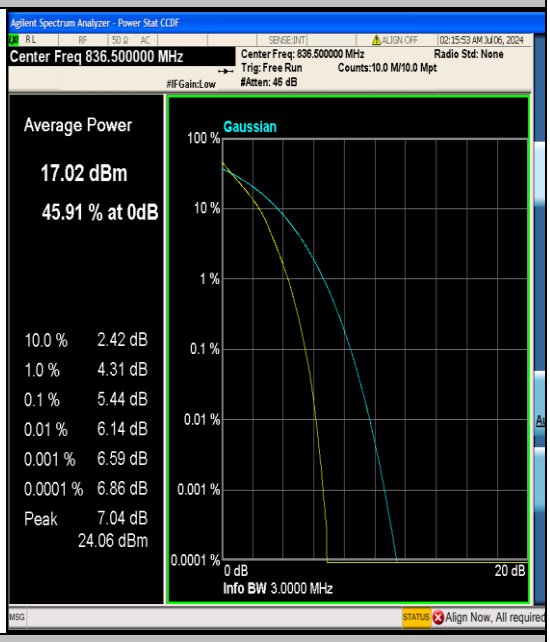


Band5-3MHz-QPSK-20415-15RB#0-PASS



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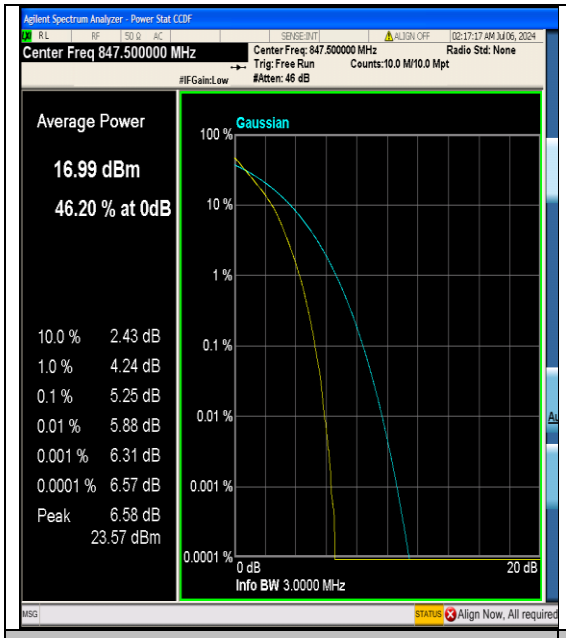

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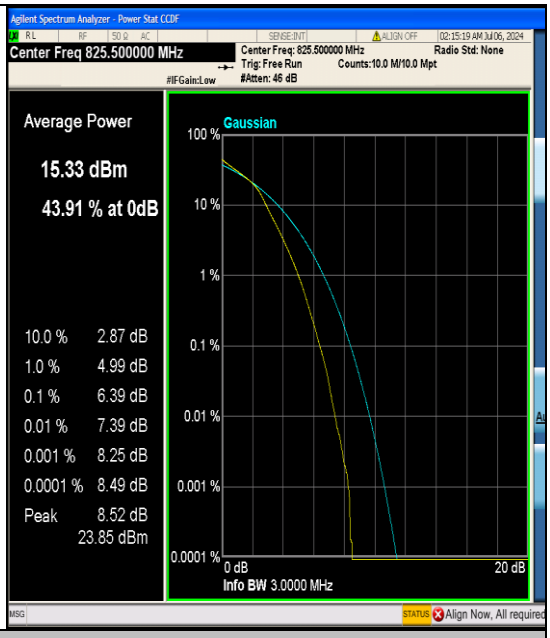

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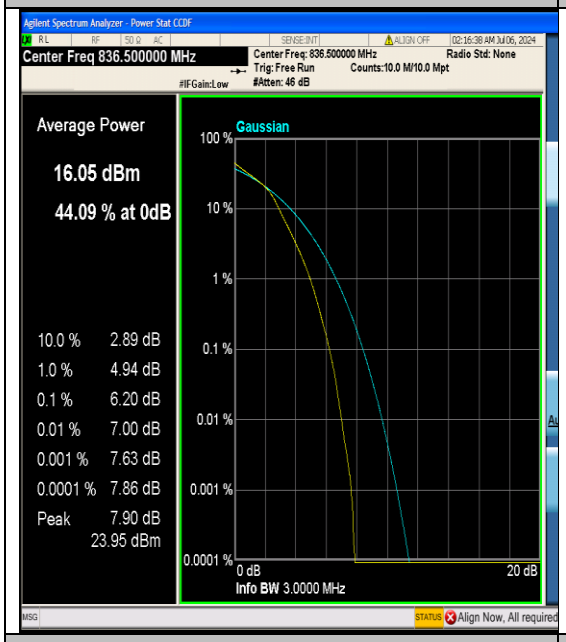

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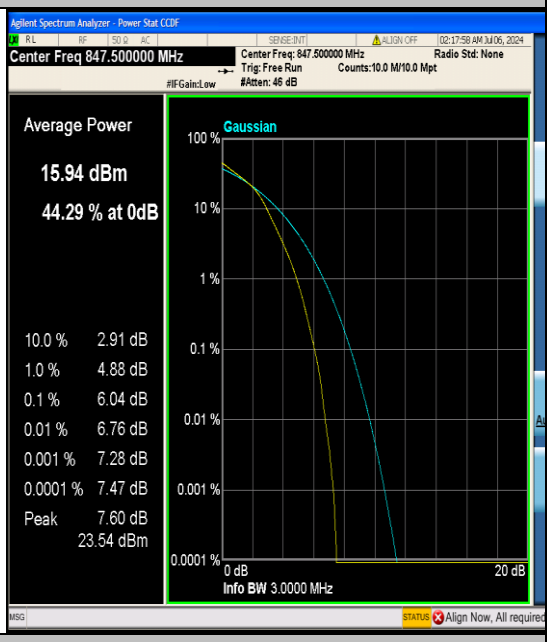

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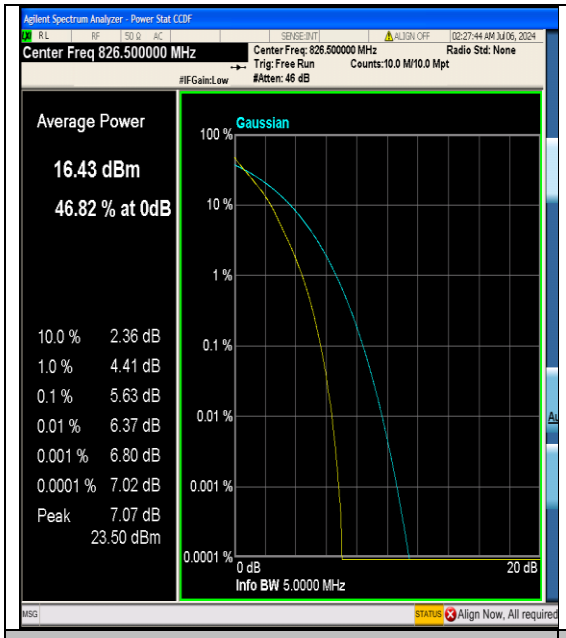
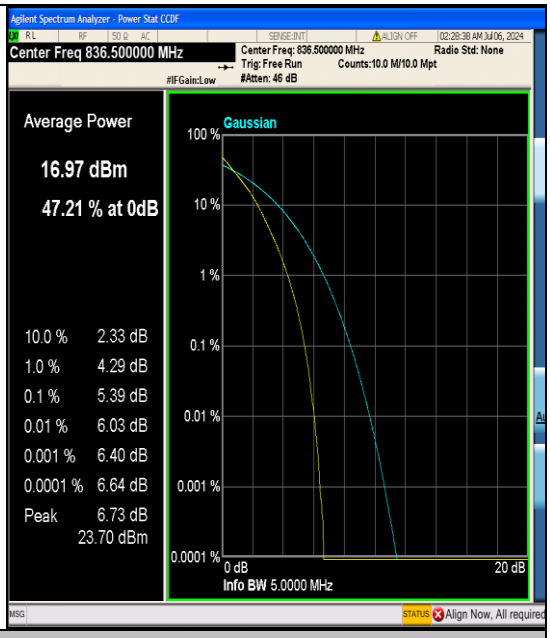


Band5-5MHz-QPSK-20425-25RB#0-PASS



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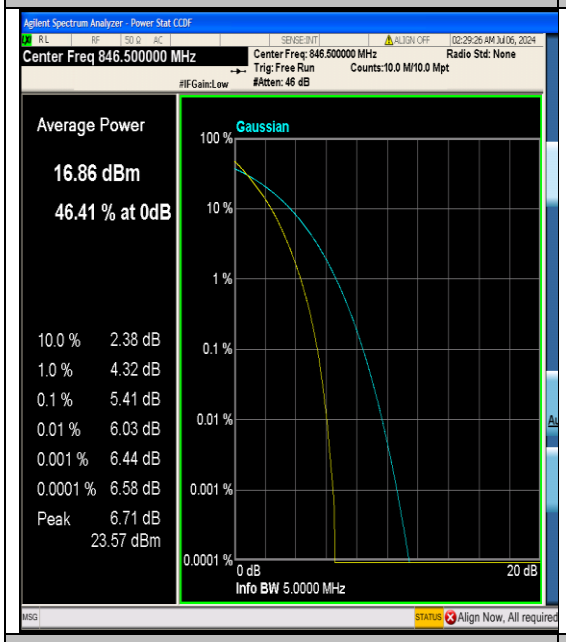

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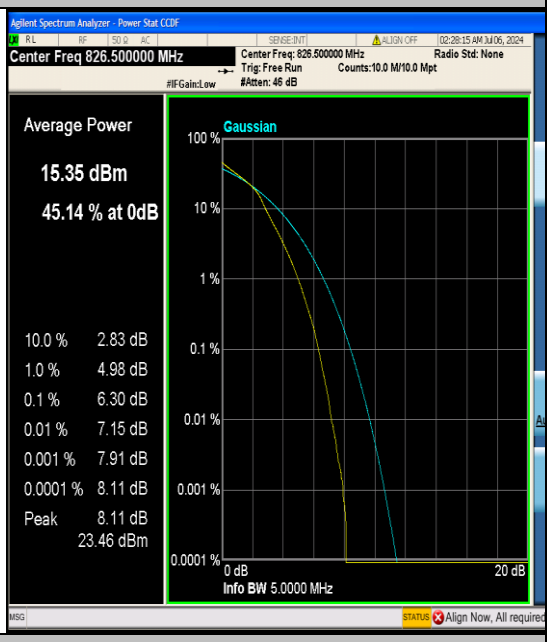

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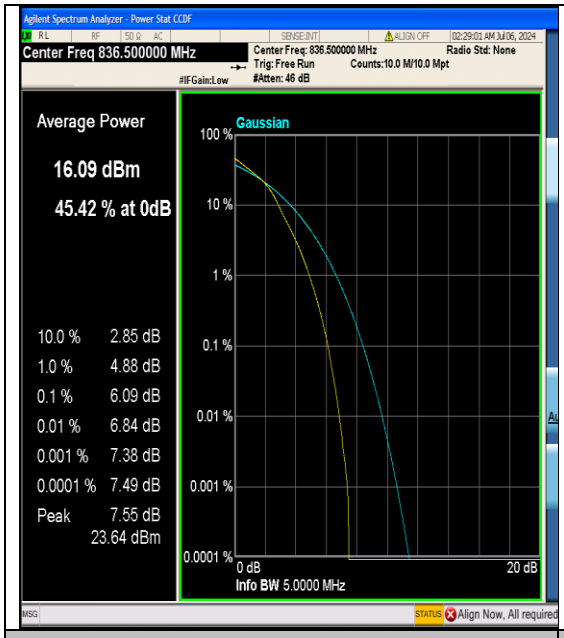

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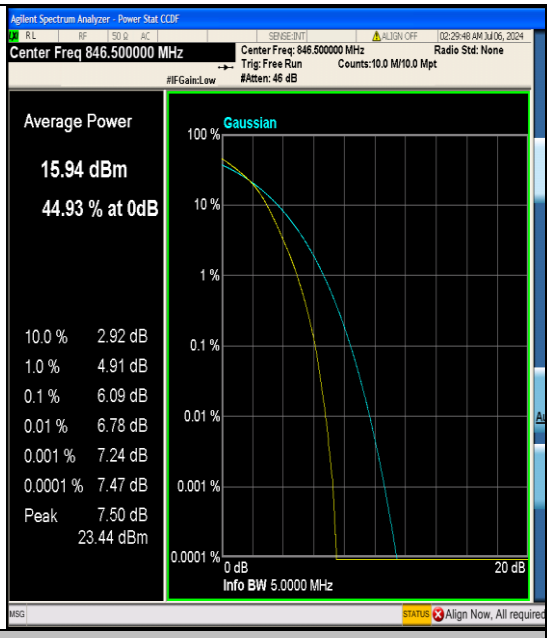

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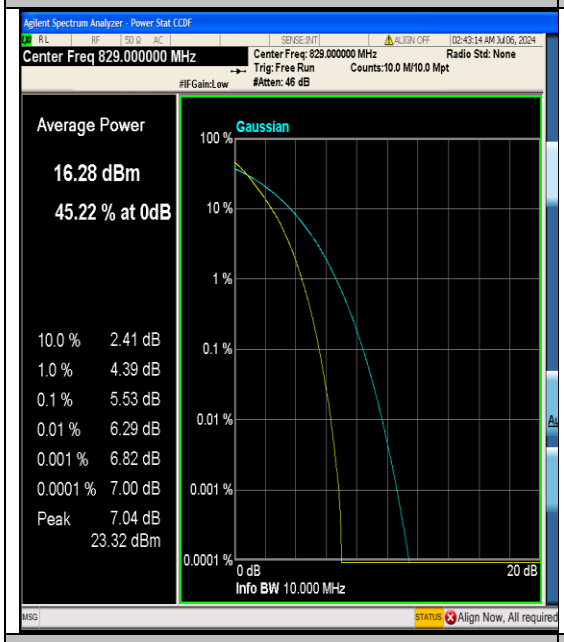
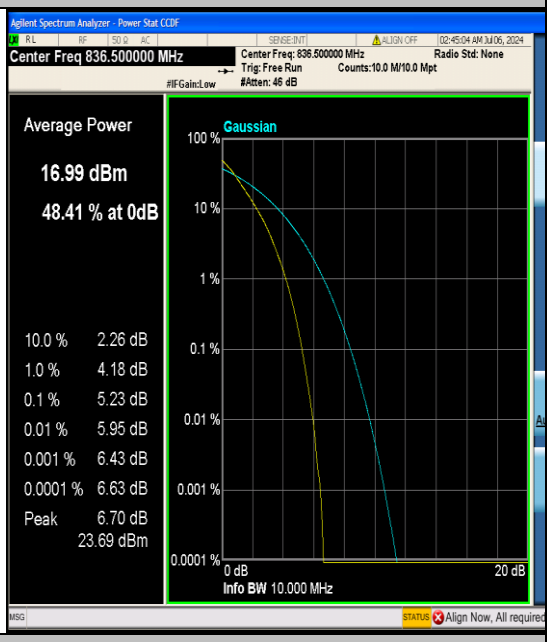
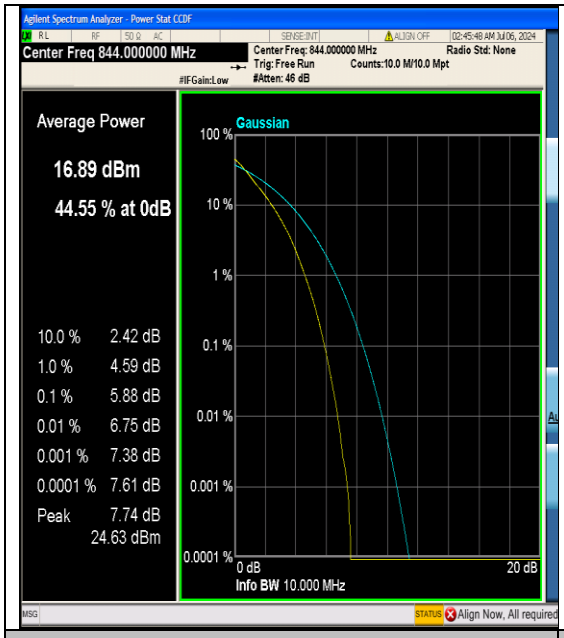


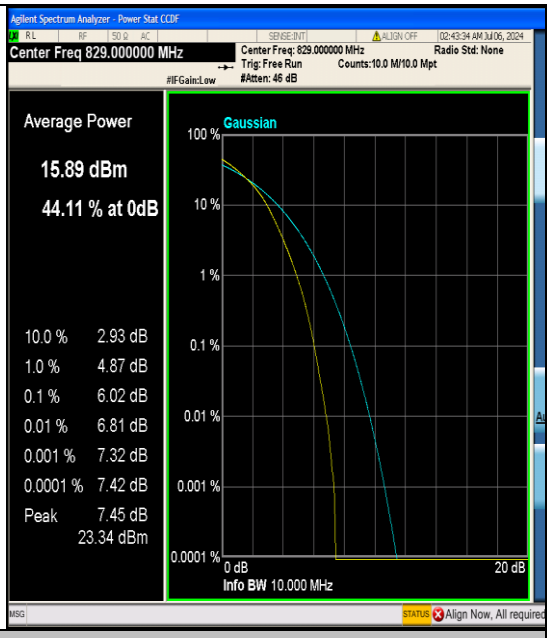
Band5-10MHz-QPSK-20450-50RB#0-PASS



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



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



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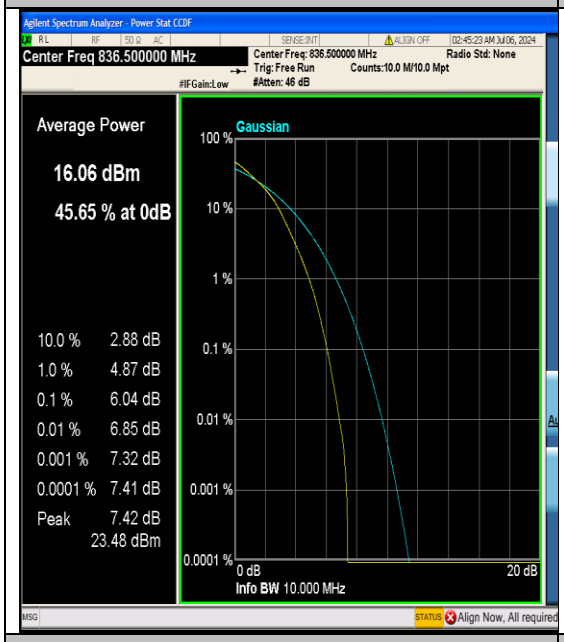
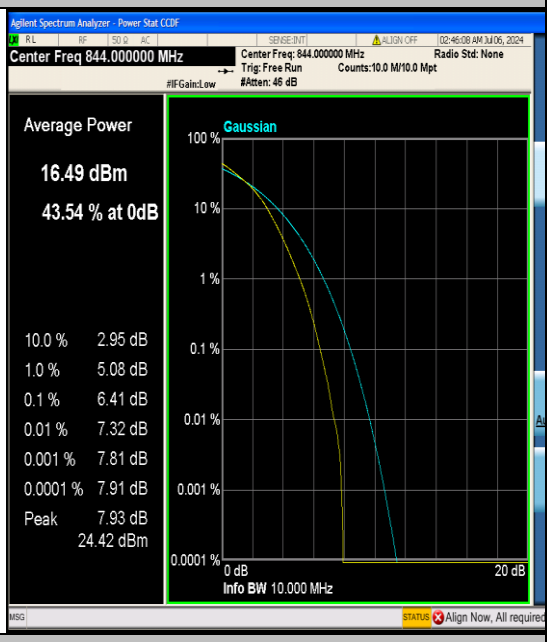


Band5-10MHz-16QAM-20525-50RB#0-PASS



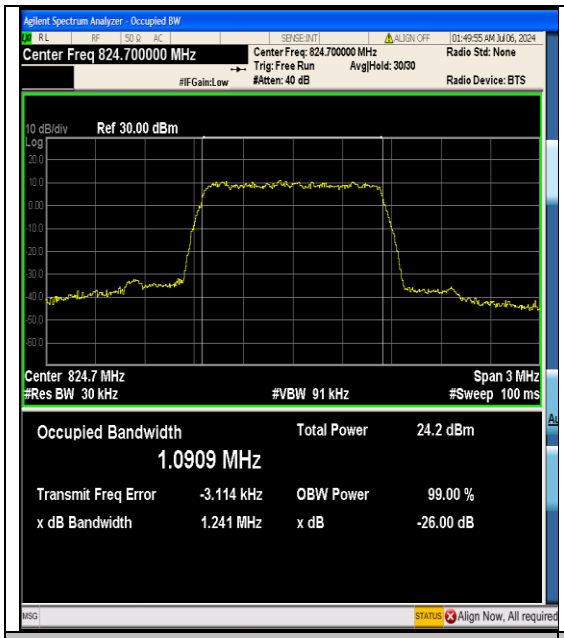
Band5-10MHz-16QAM-20600-50RB#0-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

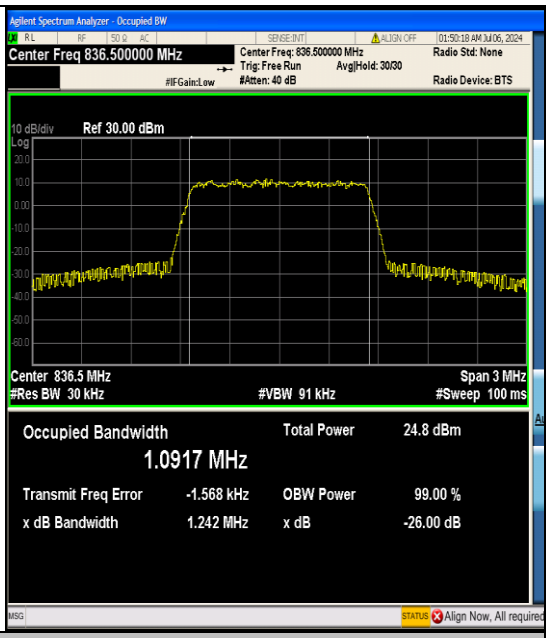
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0909	1.241	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0917	1.242	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0903	1.238	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1010	1.244	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1020	1.246	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1037	1.249	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7135	3.021	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7124	3.020	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7131	3.010	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7017	3.018	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6993	3.011	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7018	3.011	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5192	4.989	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.4936	4.965	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5103	4.976	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5089	4.973	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4922	4.945	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5049	4.963	PASS
Band5	10MHz	QPSK	20450	50RB#0	9.0183	9.920	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9145	9.828	PASS
Band5	10MHz	QPSK	20600	50RB#0	9.0336	9.951	PASS
Band5	10MHz	16QAM	20450	50RB#0	9.0179	9.899	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9231	9.822	PASS
Band5	10MHz	16QAM	20600	50RB#0	9.0399	9.929	PASS

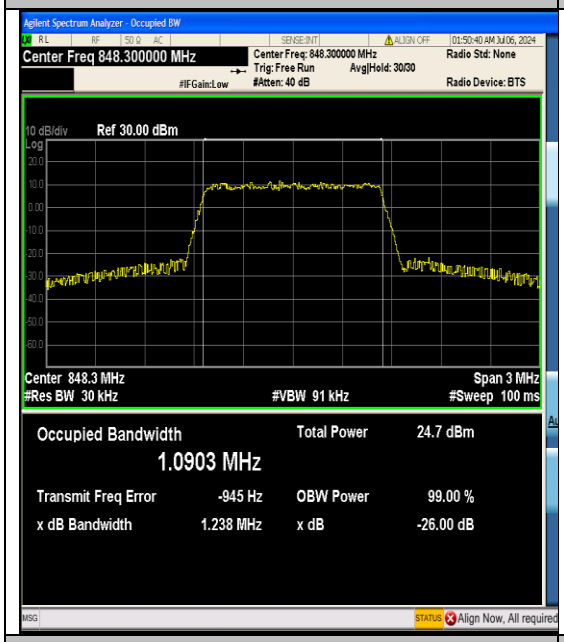
Test Graphs



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



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



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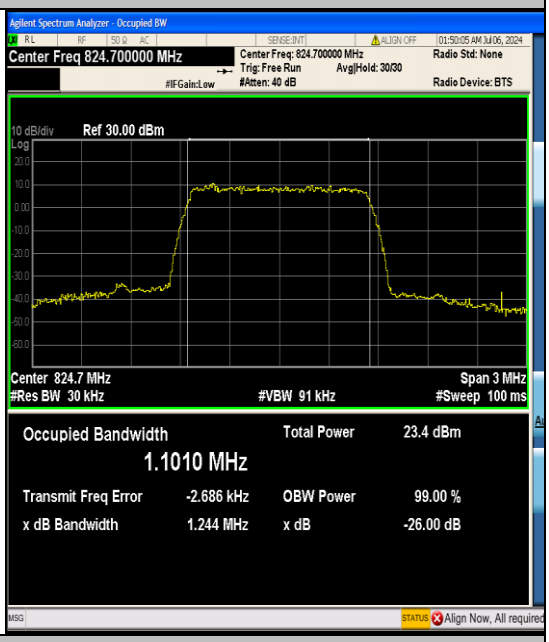
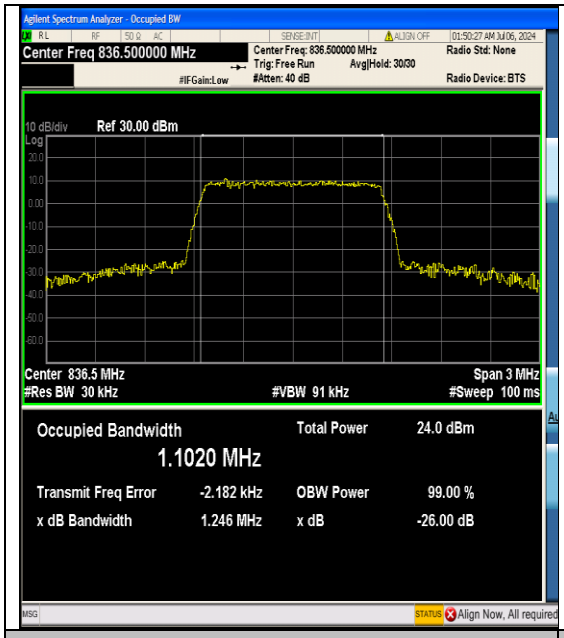


Band5-1.4MHz-16QAM-20407-6RB#0-PASS



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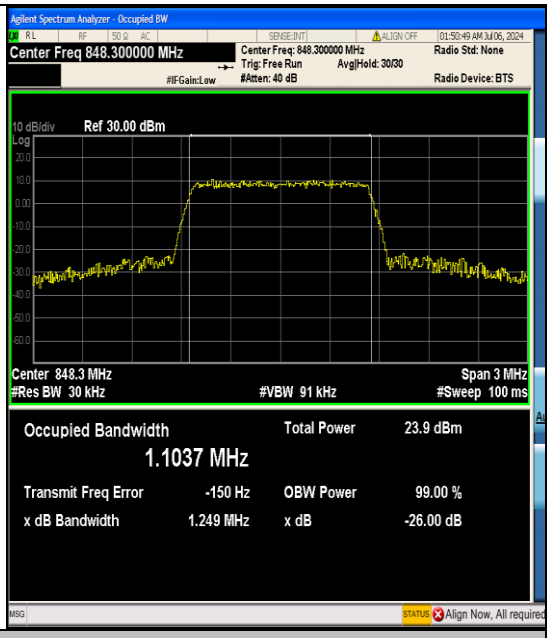
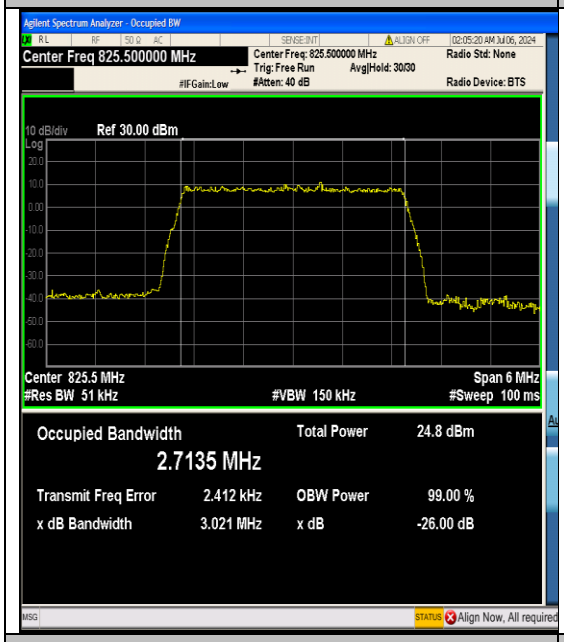
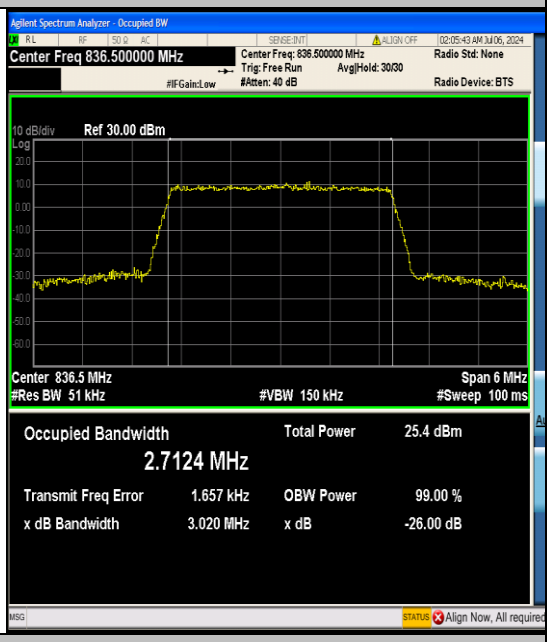


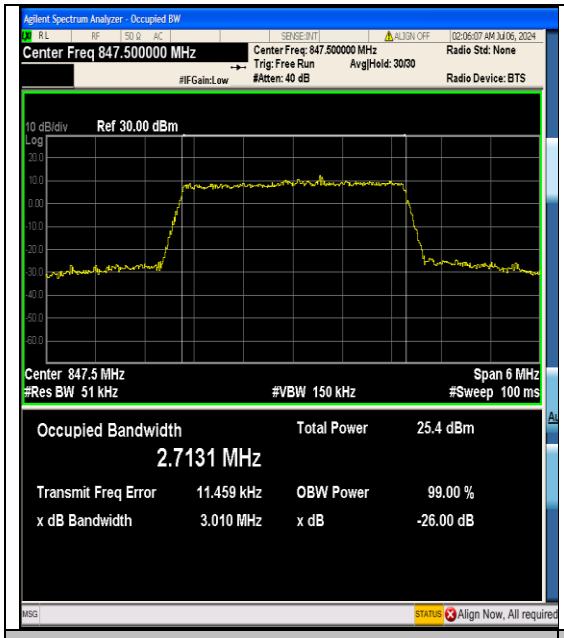
Band5-1.4MHz-16QAM-20643-6RB#0-PASS



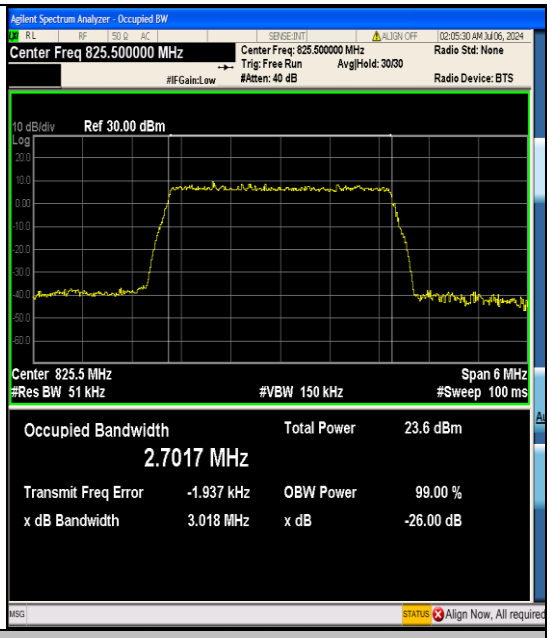
Band5-3MHz-QPSK-20415-15RB#0-PASS



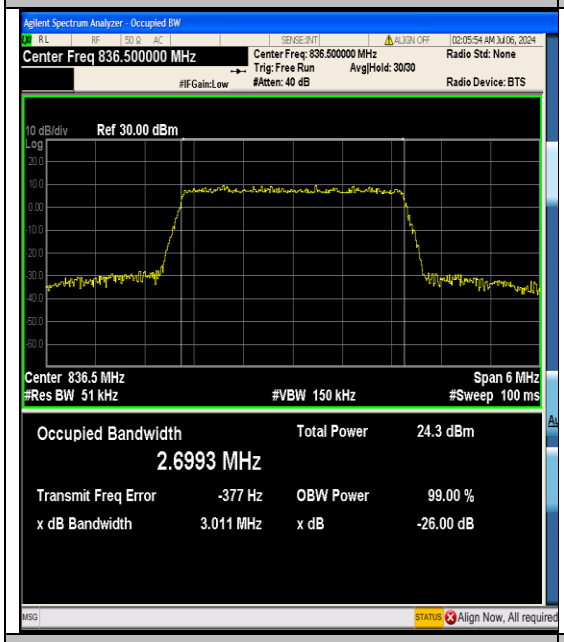
Band5-3MHz-QPSK-20525-15RB#0-PASS



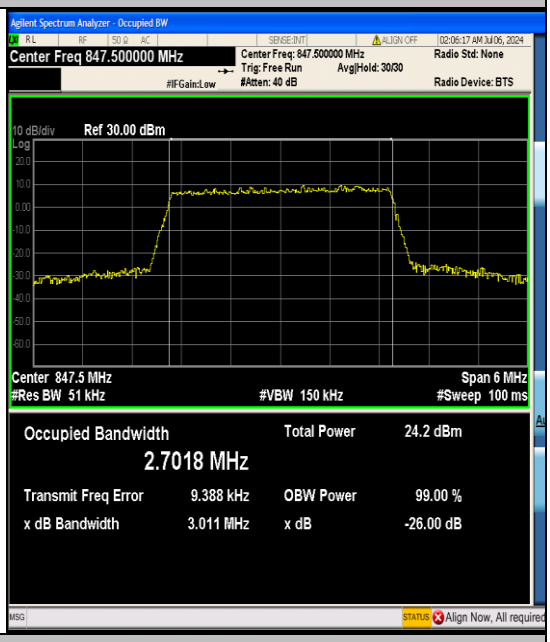
Band5-3MHz-QPSK-20635-15RB#0-PASS



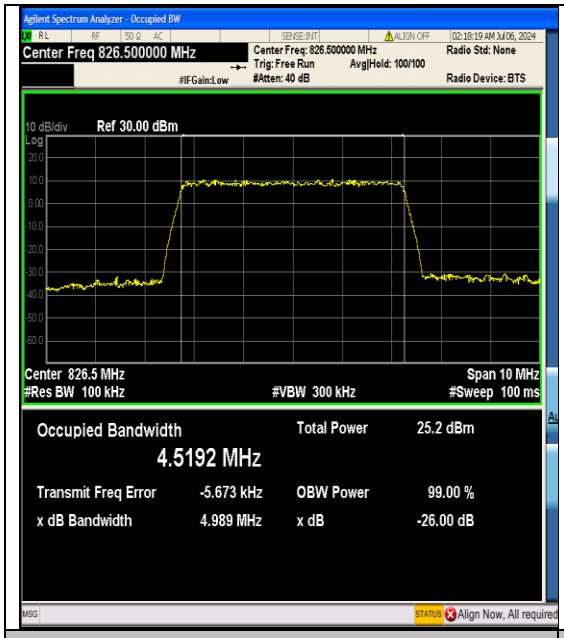
Band5-3MHz-16QAM-20415-15RB#0-PASS



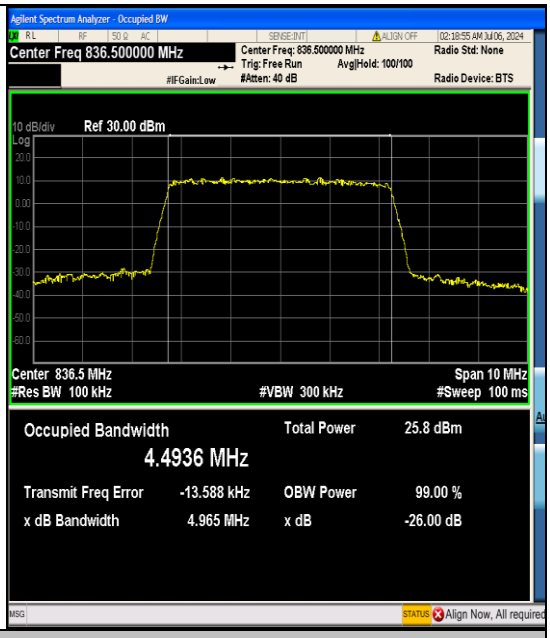
Band5-3MHz-16QAM-20525-15RB#0-PASS



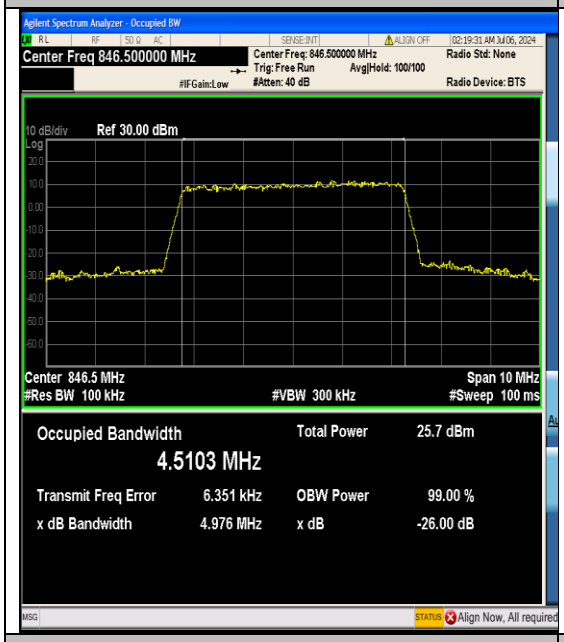
Band5-3MHz-16QAM-20635-15RB#0-PASS



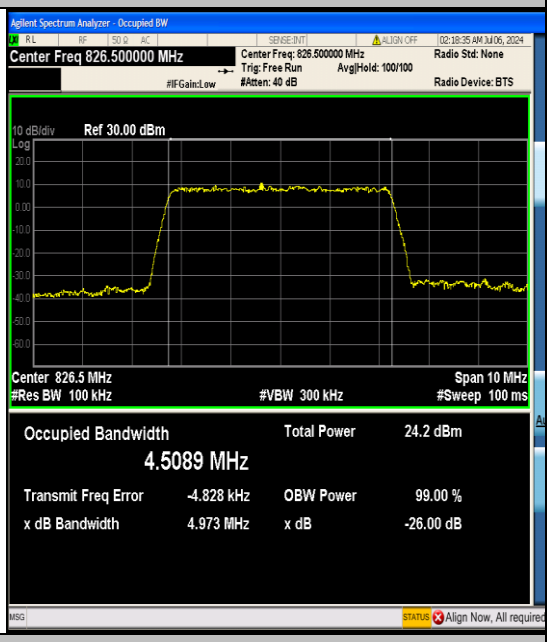
Band5-5MHz-QPSK-20425-25RB#0-PASS



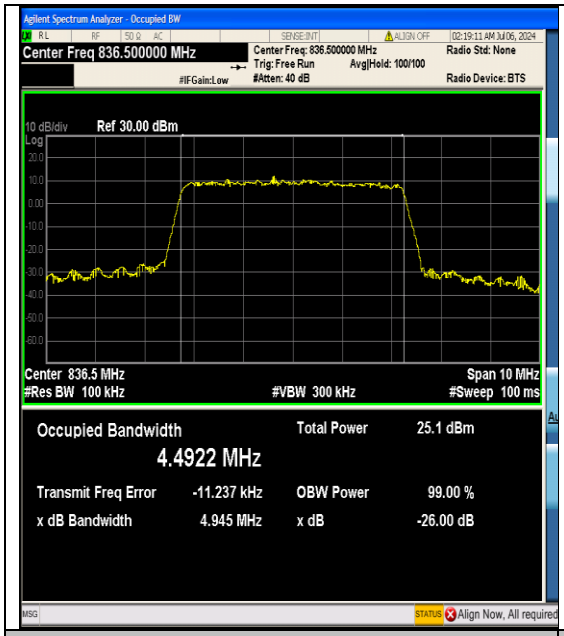
Band5-5MHz-QPSK-20525-25RB#0-PASS



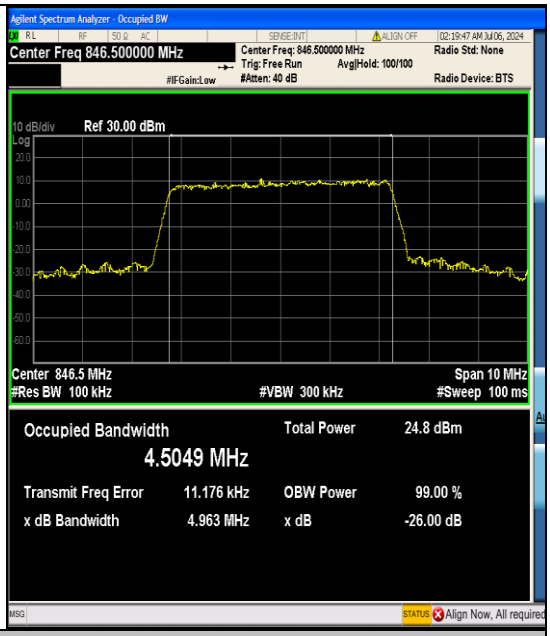
Band5-5MHz-QPSK-20625-25RB#0-PASS



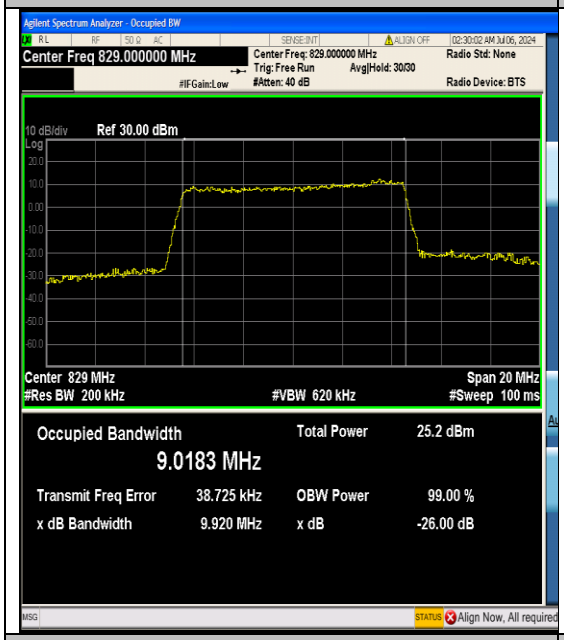
Band5-5MHz-16QAM-20425-25RB#0-PASS



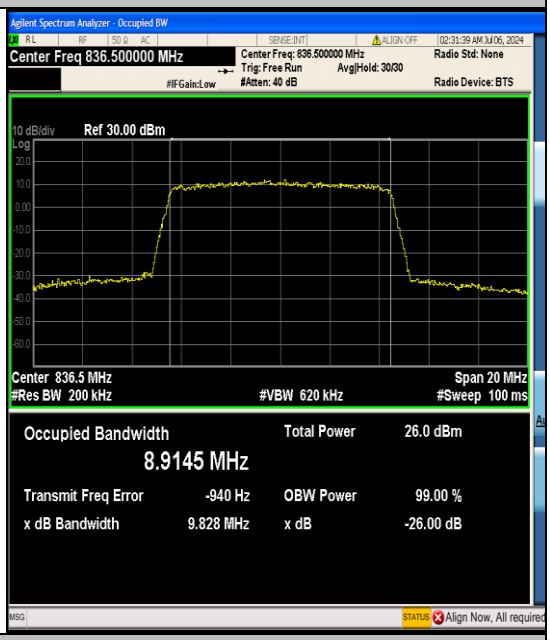
Band5-5MHz-16QAM-20525-25RB#0-PASS



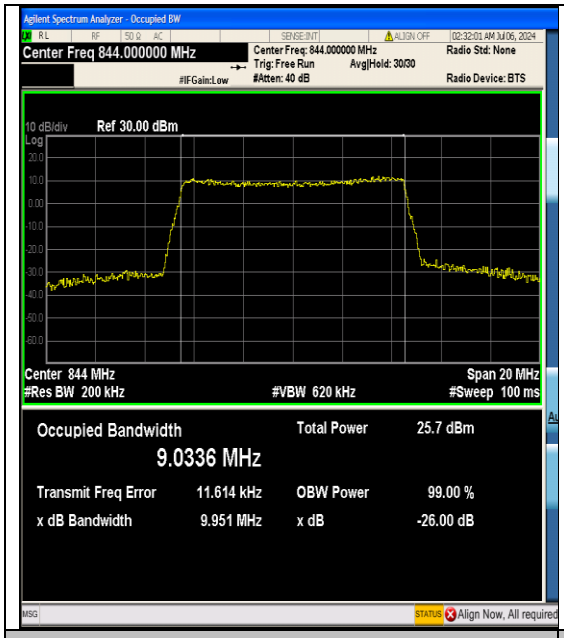
Band5-5MHz-16QAM-20625-25RB#0-PASS



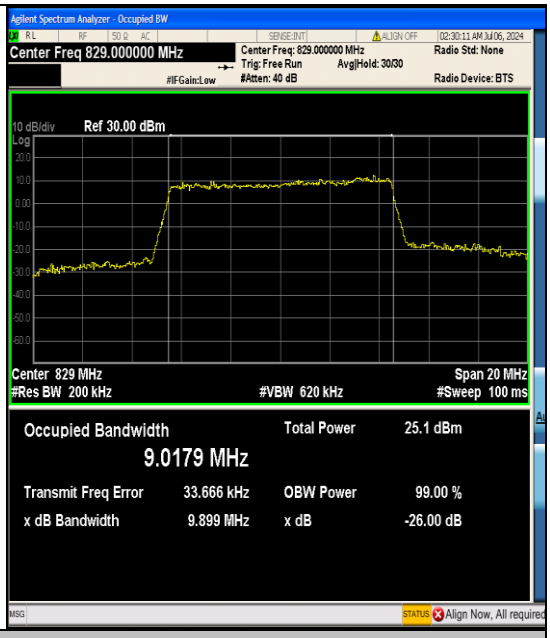
Band5-10MHz-QPSK-20450-50RB#0-PASS



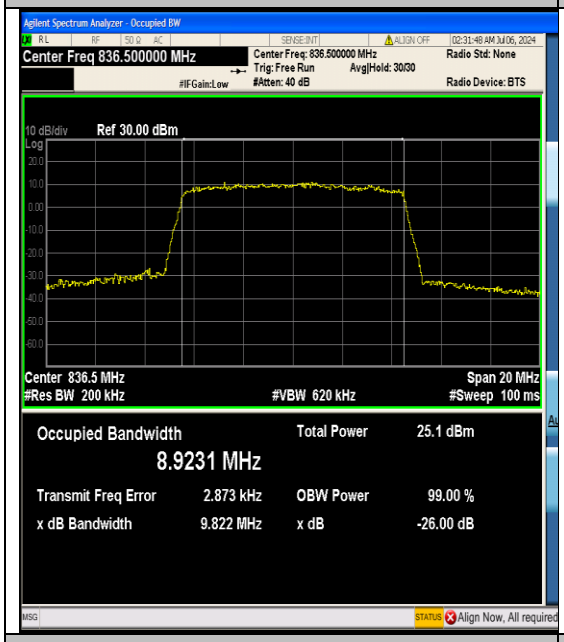
Band5-10MHz-QPSK-20525-50RB#0-PASS



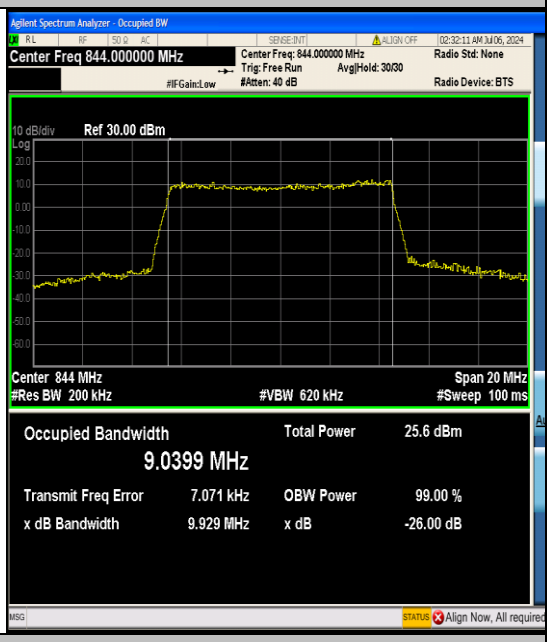
Band5-10MHz-QPSK-20600-50RB#0-PASS



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



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



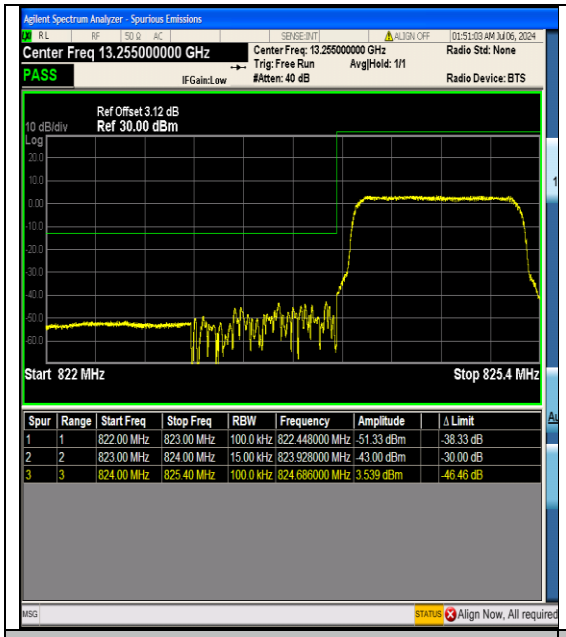
Band5-10MHz-16QAM-20600-50RB#0-PASS

Appendix D: Band Edge

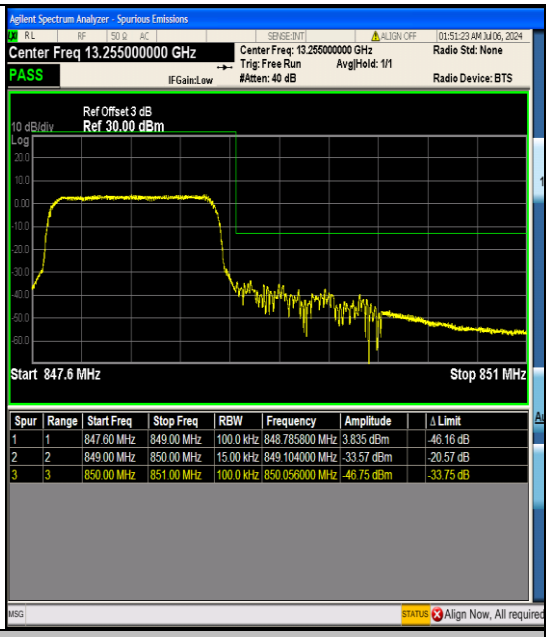
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-43.00	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-33.57	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-41.81	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-38.16	PASS
Band5	3MHz	QPSK	20415	15RB#0	-35.48	PASS
Band5	3MHz	QPSK	20635	15RB#0	-34.86	PASS
Band5	3MHz	16QAM	20415	15RB#0	-37.70	PASS
Band5	3MHz	16QAM	20635	15RB#0	-35.51	PASS
Band5	5MHz	QPSK	20425	25RB#0	-44.04	PASS
Band5	5MHz	QPSK	20625	25RB#0	-39.22	PASS
Band5	5MHz	16QAM	20425	25RB#0	-45.33	PASS
Band5	5MHz	16QAM	20625	25RB#0	-40.76	PASS
Band5	10MHz	QPSK	20450	50RB#0	-41.91	PASS
Band5	10MHz	QPSK	20600	50RB#0	-43.12	PASS
Band5	10MHz	16QAM	20450	50RB#0	-41.79	PASS
Band5	10MHz	16QAM	20600	50RB#0	-42.24	PASS

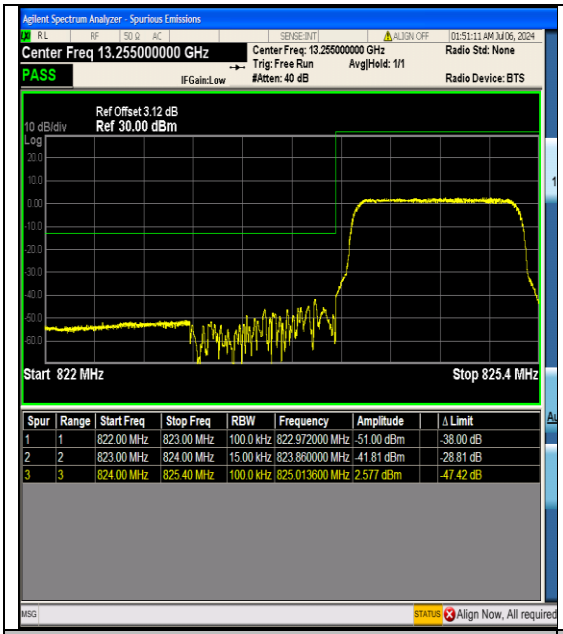
Test Graphs



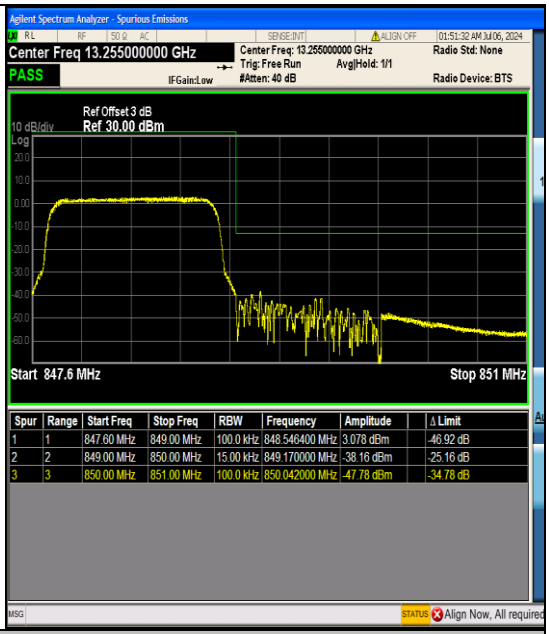
Band5_1.4MHz_QPSK_20407_6RB#0



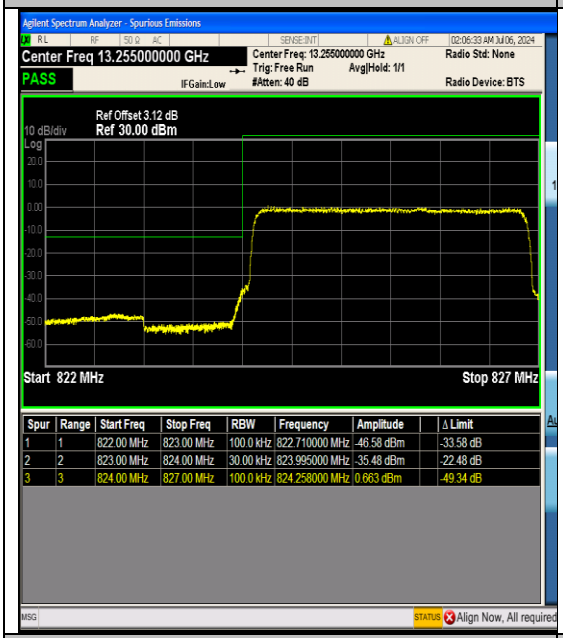
Band5_1.4MHz_QPSK_20643_6RB#0



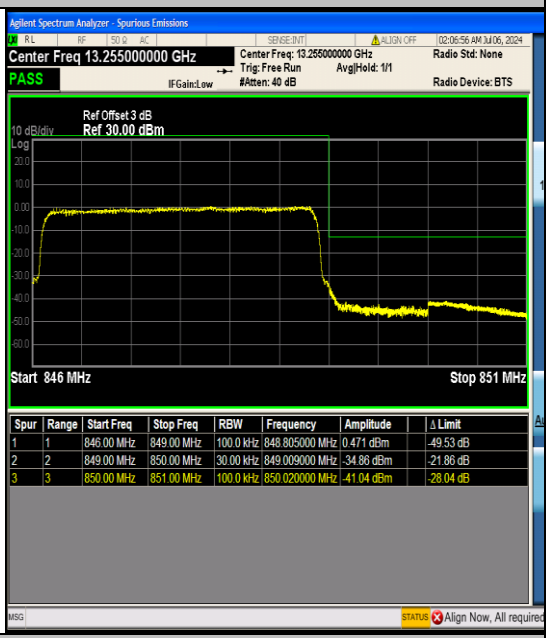
Band5_1.4MHz_16QAM_20407_6RB#0



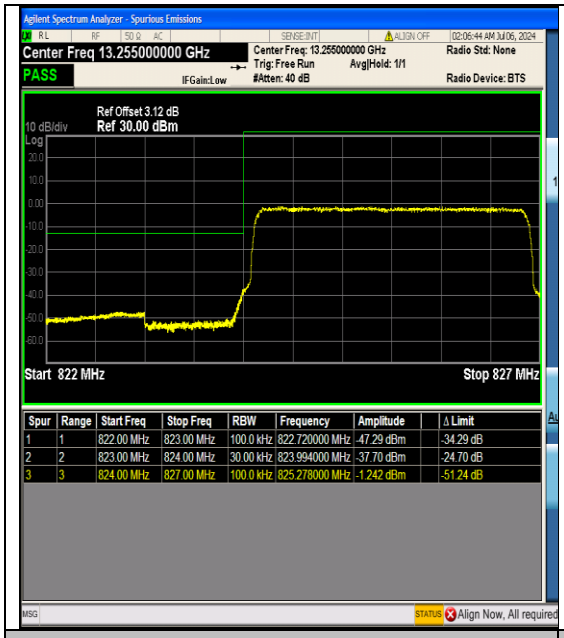
Band5_1.4MHz_16QAM_20643_6RB#0



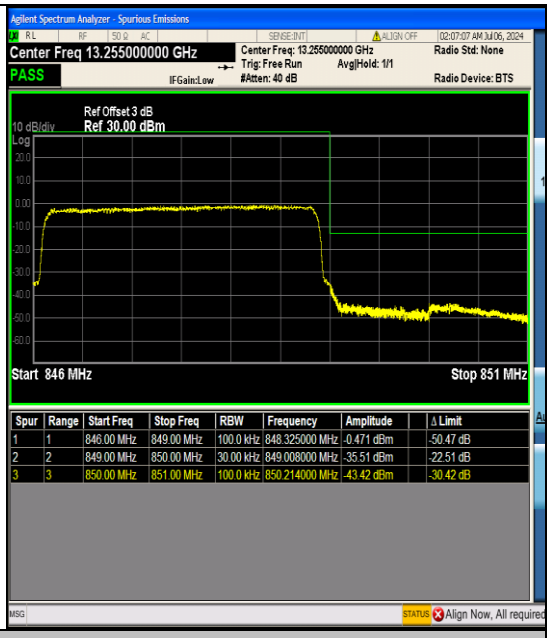
Band5_3MHz_QPSK_20415_15RB#0



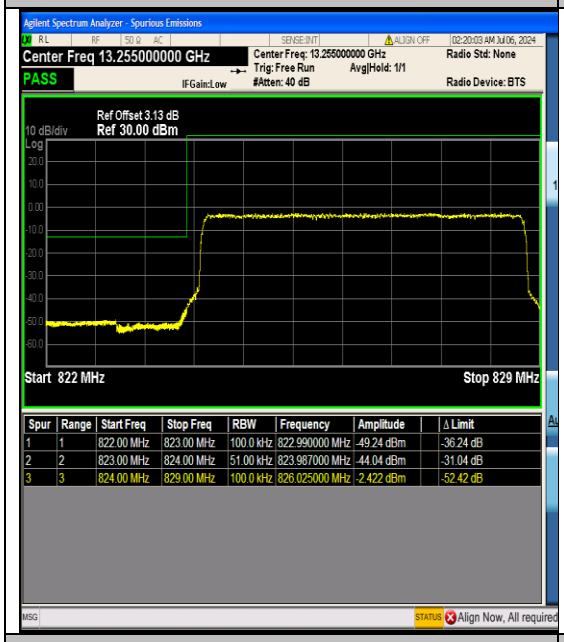
Band5_3MHz_QPSK_20635_15RB#0



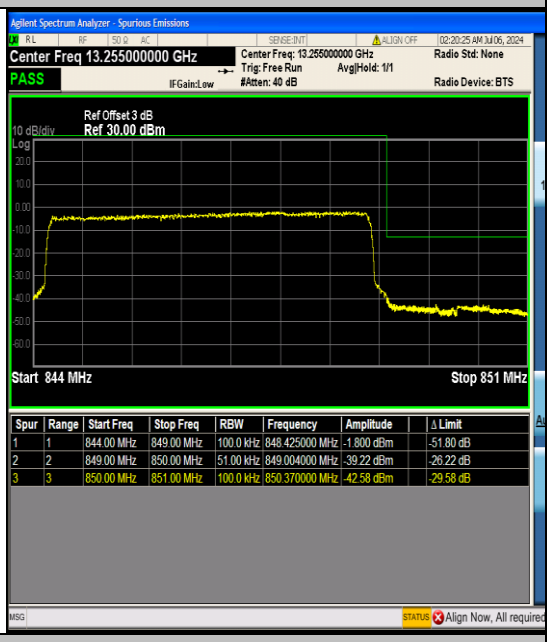
Band5_3MHz_16QAM_20415_15RB#0



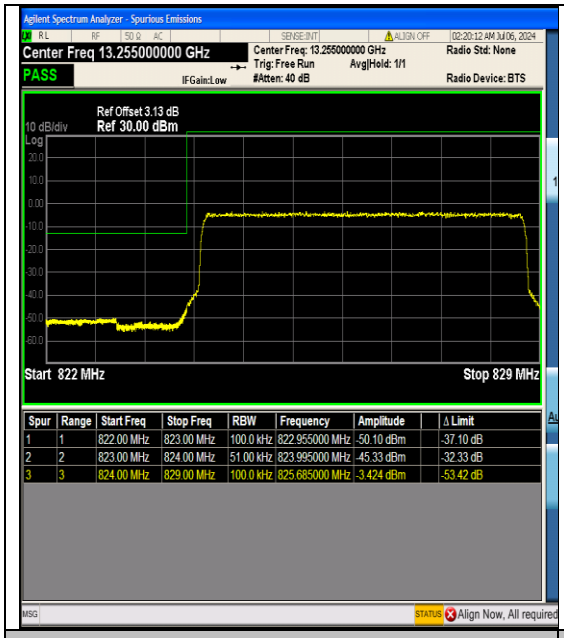
Band5_3MHz_16QAM_20635_15RB#0



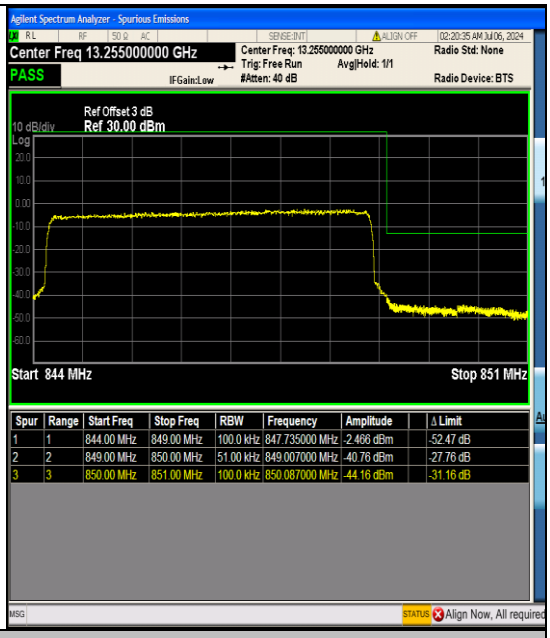
Band5_5MHz_QPSK_20425_25RB#0



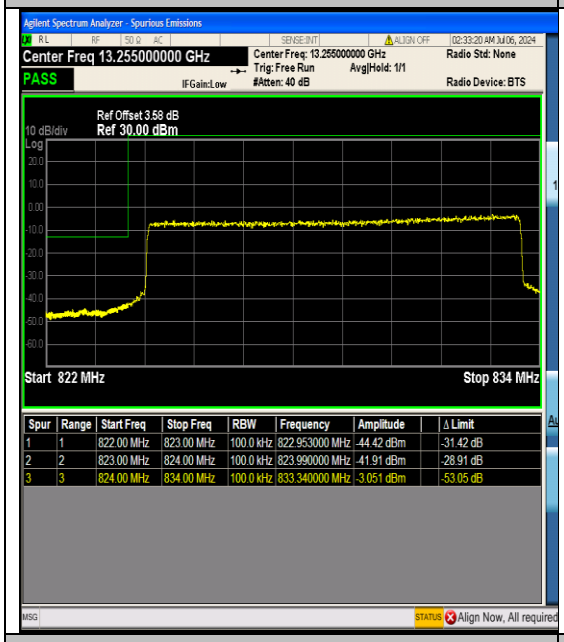
Band5_5MHz_QPSK_20625_25RB#0



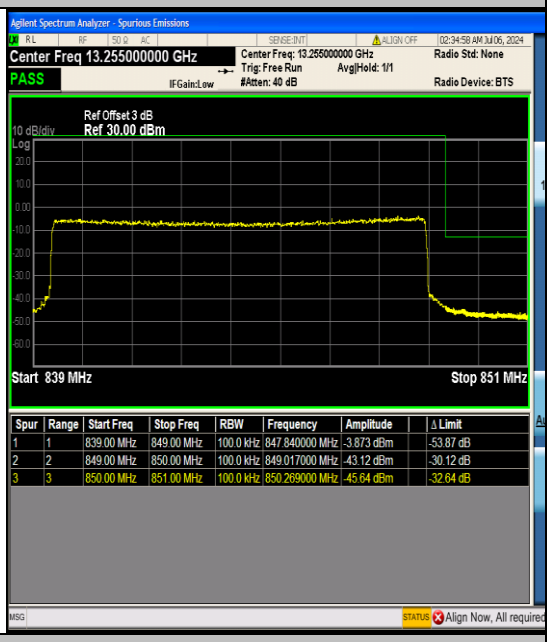
Band5_5MHz_16QAM_20425_25RB#0



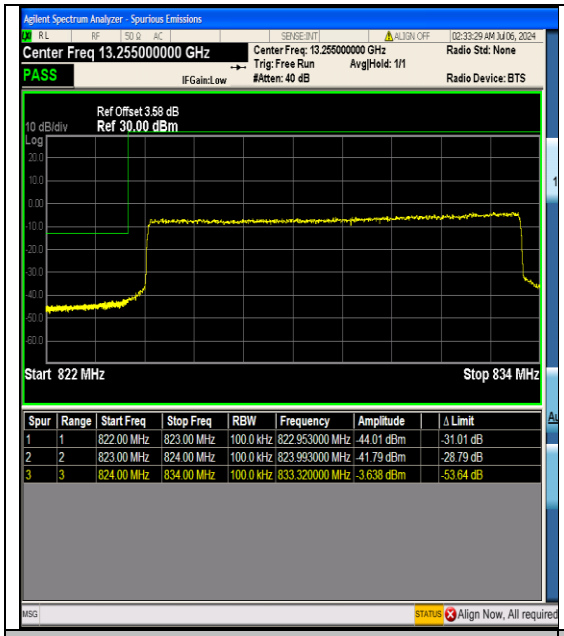
Band5_5MHz_16QAM_20625_25RB#0



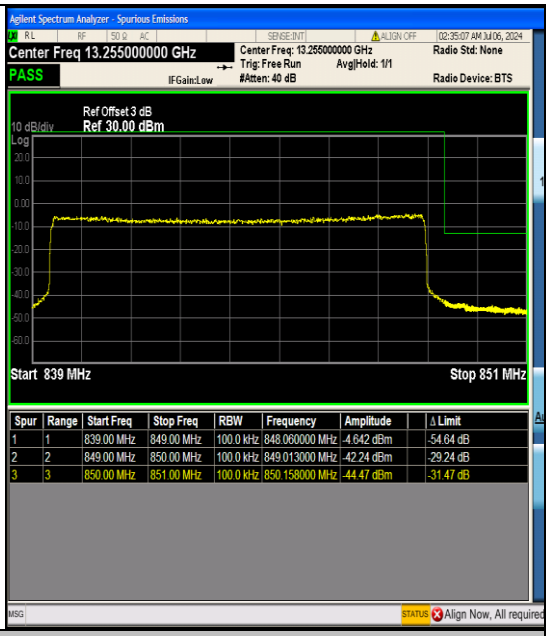
Band5_10MHz_QPSK_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0



Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_16QAM_20600_50RB#0

Appendix E: Conducted Spurious Emission

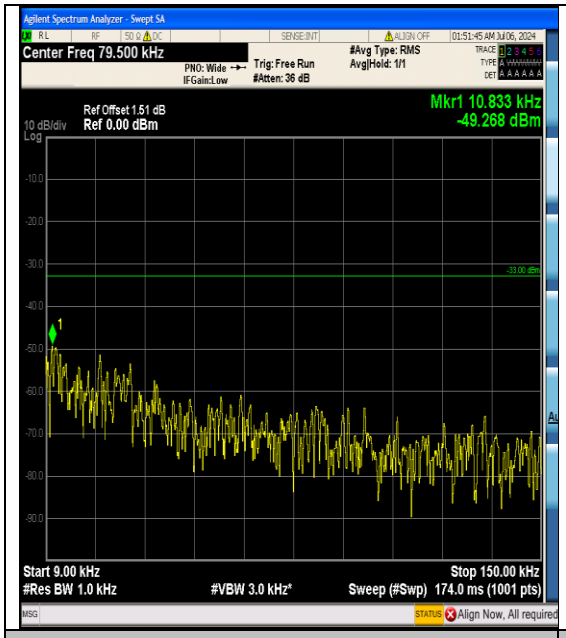
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	0.009~0.15	-49.27	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-61.05	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-53.87	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-52.40	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-50.06	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-48.10	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-58.43	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-61.95	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-52.09	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-49.90	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-45.65	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-58.35	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-57.69	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-52.62	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-49.91	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-48.68	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-58.10	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-55.68	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-51.07	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-49.97	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-46.49	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-58.27	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-62.41	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-52.74	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-49.86	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-49.93	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-58.36	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-61.35	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-52.60	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-49.99	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-47.42	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-58.04	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-54.38	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-52.38	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-49.82	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-48.23	PASS

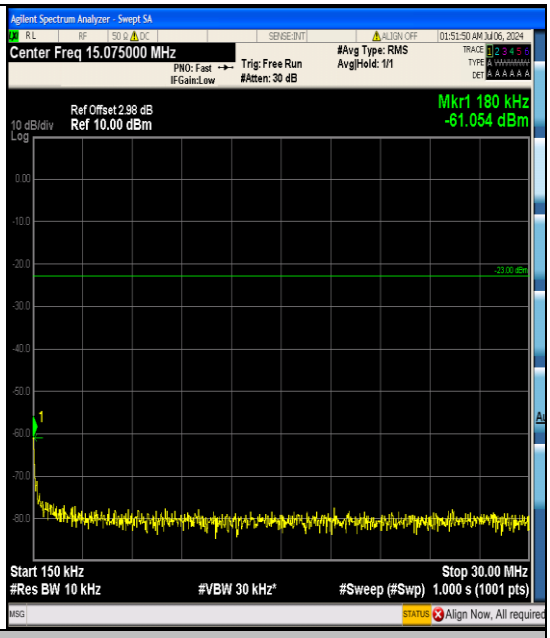
Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-56.90	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-60.95	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-52.36	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-50.22	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-46.17	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-57.41	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-58.76	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-52.77	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-49.51	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-48.40	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-58.00	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-57.03	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-52.48	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-49.54	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-50.10	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-59.30	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-62.03	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-52.53	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-50.01	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-44.11	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-58.95	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-61.17	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-52.93	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-49.65	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-48.38	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-57.38	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-58.07	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-52.55	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-49.92	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-46.48	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-57.97	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-60.81	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-52.61	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-50.14	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-46.08	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-57.63	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-58.88	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-52.28	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-49.92	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-45.36	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-58.01	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-59.96	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-52.66	PASS

Band5	5MHz	16QAM	20425	25RB#0	3000~10000	-50.13	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.009~0.15	-49.41	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.15~30	-57.90	PASS
Band5	5MHz	16QAM	20525	25RB#0	30~1000	-61.53	PASS
Band5	5MHz	16QAM	20525	25RB#0	1000~3000	-52.55	PASS
Band5	5MHz	16QAM	20525	25RB#0	3000~10000	-50.09	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.009~0.15	-42.78	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.15~30	-60.32	PASS
Band5	5MHz	16QAM	20625	25RB#0	30~1000	-60.56	PASS
Band5	5MHz	16QAM	20625	25RB#0	1000~3000	-52.59	PASS
Band5	5MHz	16QAM	20625	25RB#0	3000~10000	-49.44	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.009~0.15	-47.16	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.15~30	-58.54	PASS
Band5	10MHz	QPSK	20450	50RB#0	30~1000	-64.77	PASS
Band5	10MHz	QPSK	20450	50RB#0	1000~3000	-52.07	PASS
Band5	10MHz	QPSK	20450	50RB#0	3000~10000	-49.87	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.009~0.15	-44.94	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.15~30	-58.56	PASS
Band5	10MHz	QPSK	20525	50RB#0	30~1000	-66.81	PASS
Band5	10MHz	QPSK	20525	50RB#0	1000~3000	-52.64	PASS
Band5	10MHz	QPSK	20525	50RB#0	3000~10000	-49.89	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.009~0.15	-46.94	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.15~30	-58.56	PASS
Band5	10MHz	QPSK	20600	50RB#0	30~1000	-61.62	PASS
Band5	10MHz	QPSK	20600	50RB#0	1000~3000	-52.83	PASS
Band5	10MHz	QPSK	20600	50RB#0	3000~10000	-50.21	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.009~0.15	-46.70	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.15~30	-59.60	PASS
Band5	10MHz	16QAM	20450	50RB#0	30~1000	-64.95	PASS
Band5	10MHz	16QAM	20450	50RB#0	1000~3000	-52.38	PASS
Band5	10MHz	16QAM	20450	50RB#0	3000~10000	-48.84	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.009~0.15	-44.98	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.15~30	-59.73	PASS
Band5	10MHz	16QAM	20525	50RB#0	30~1000	-66.47	PASS
Band5	10MHz	16QAM	20525	50RB#0	1000~3000	-52.23	PASS
Band5	10MHz	16QAM	20525	50RB#0	3000~10000	-49.87	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.009~0.15	-47.71	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.15~30	-59.51	PASS
Band5	10MHz	16QAM	20600	50RB#0	30~1000	-62.47	PASS
Band5	10MHz	16QAM	20600	50RB#0	1000~3000	-52.56	PASS
Band5	10MHz	16QAM	20600	50RB#0	3000~10000	-49.65	PASS

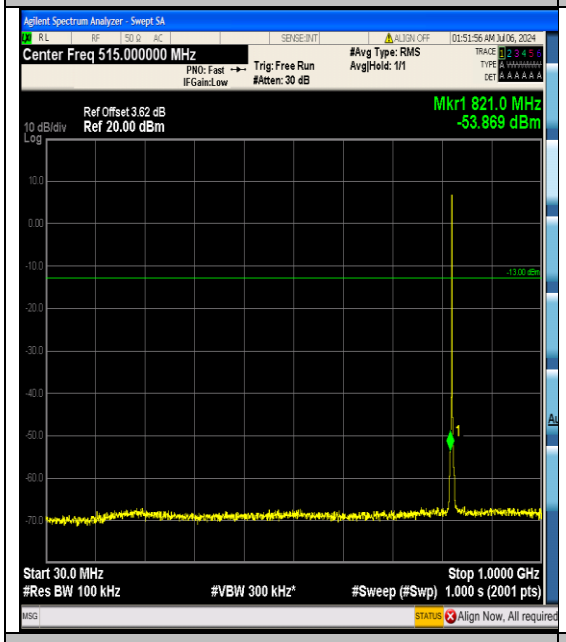
Test Graphs



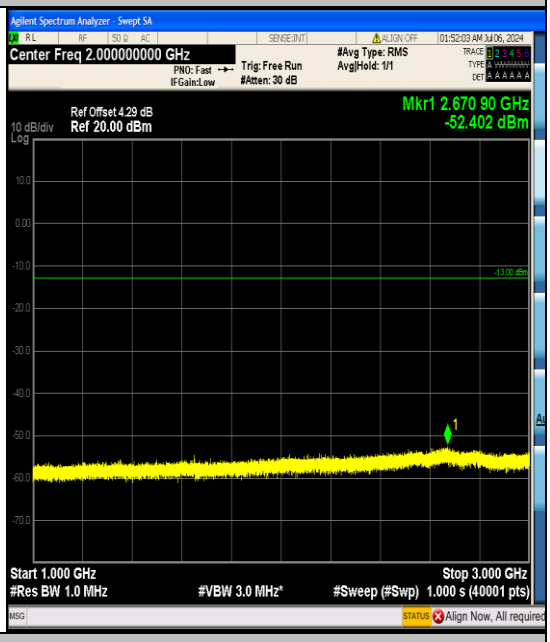
Band5_1.4MHz_QPSK_20407_6RB#0_0.009~0.15_0.009~0.15



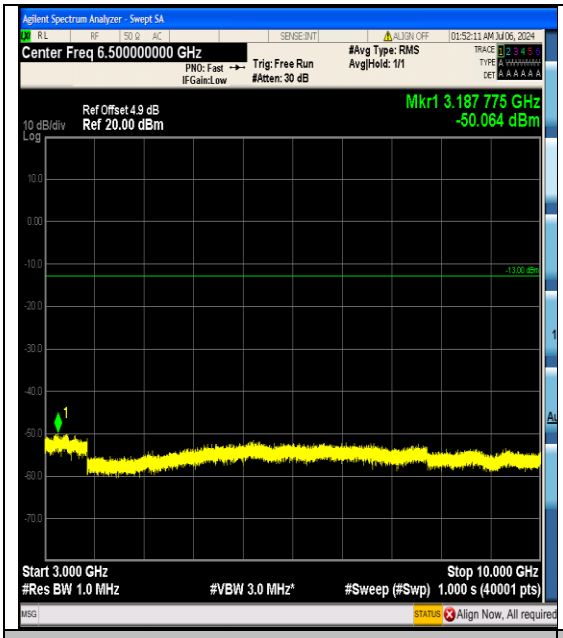
Band5_1.4MHz_QPSK_20407_6RB#0_0.15~30_0.15~30



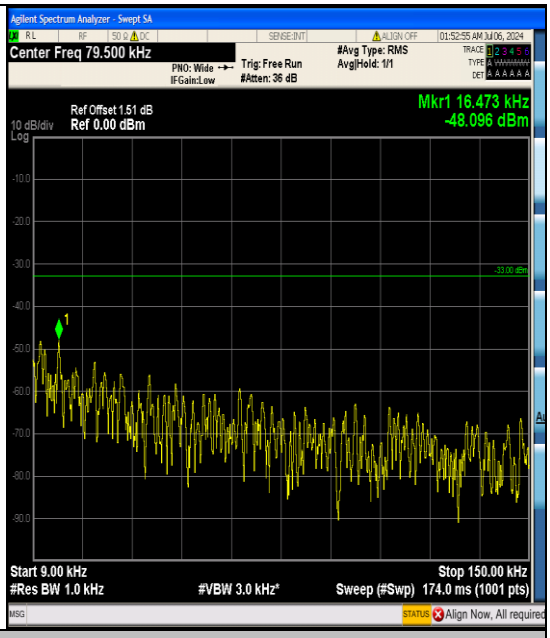
Band5_1.4MHz_QPSK_20407_6RB#0_30~1000_30~1000



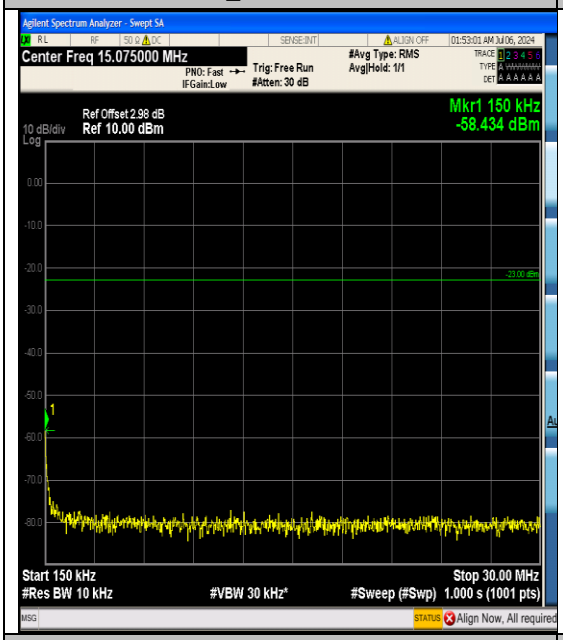
Band5_1.4MHz_QPSK_20407_6RB#0_1000~3000_1000~3000



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

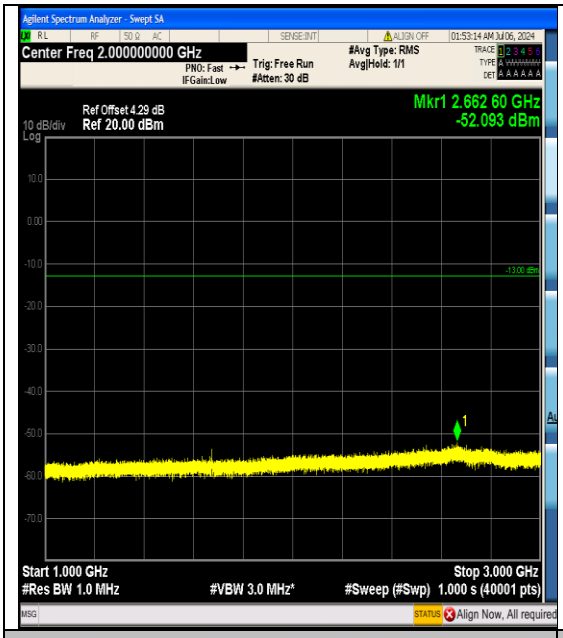


Band5_1.4MHz_QPSK_20525_6RB#0_0.009~0.15_0.009~0.15

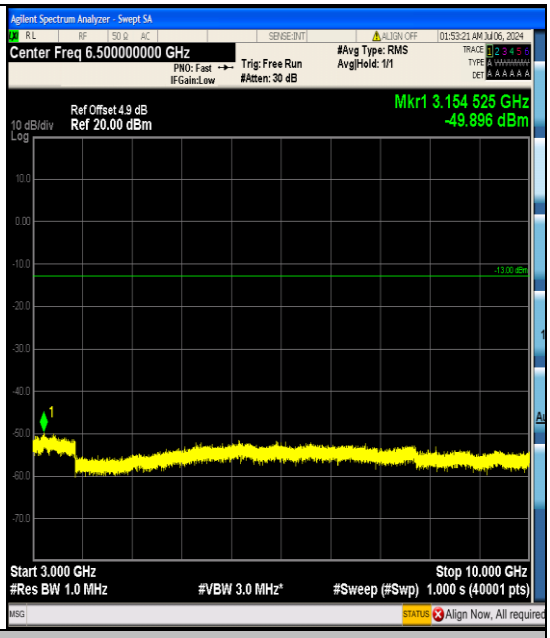


Band5_1.4MHz_QPSK_20525_6RB#0_0.15~30_0.15~30

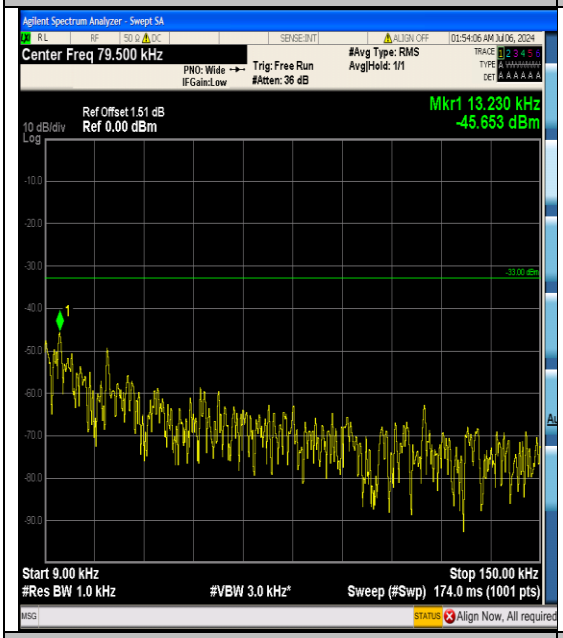
Band5_1.4MHz_QPSK_20525_6RB#0_30~1000_30~1000



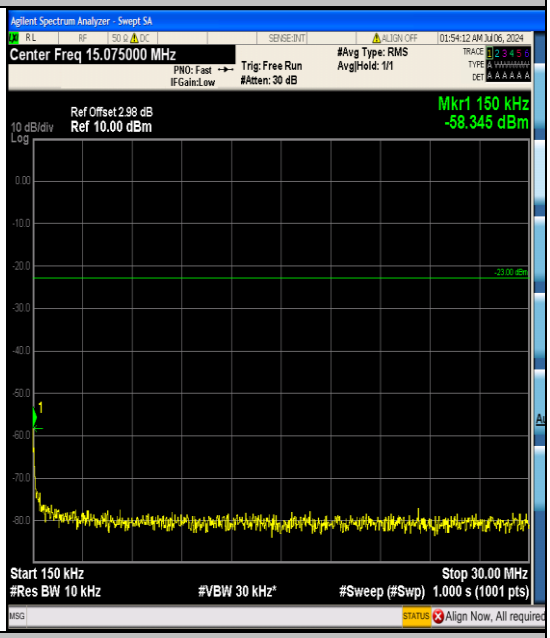
Band5_1.4MHz_QPSK_20525_6RB#0_1000~3000_1000~3000



Band5_1.4MHz_QPSK_20525_6RB#0_3000~10000_3000~10000



Band5_1.4MHz_QPSK_20643_6RB#0_0.009~0.15_0.009~0.15



Band5_1.4MHz_QPSK_20643_6RB#0_0.15~30_0.15~30