FCC LTE Band Test Data

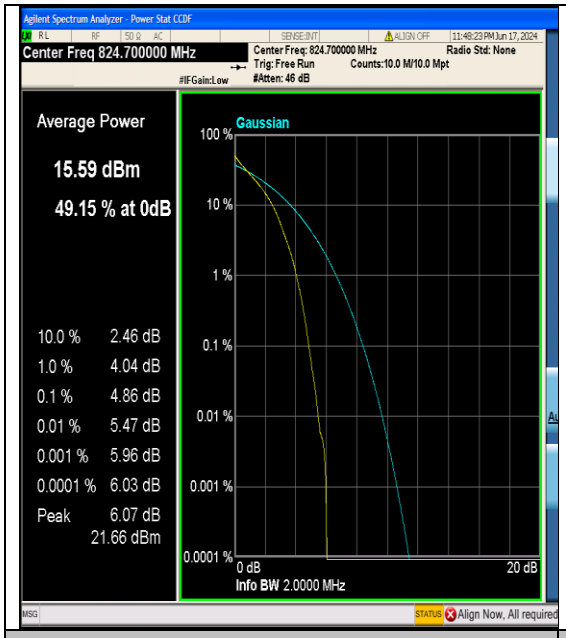
FCC ID	**:**	**2BCQ3FLY200**
Company:	**:**	**A3 MOBILE SAS**
EUT	**:**	**Mobile Phone**
Model Number	**:**	**FY-200**
Reviewed By	**:**	**Eric Wang**

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

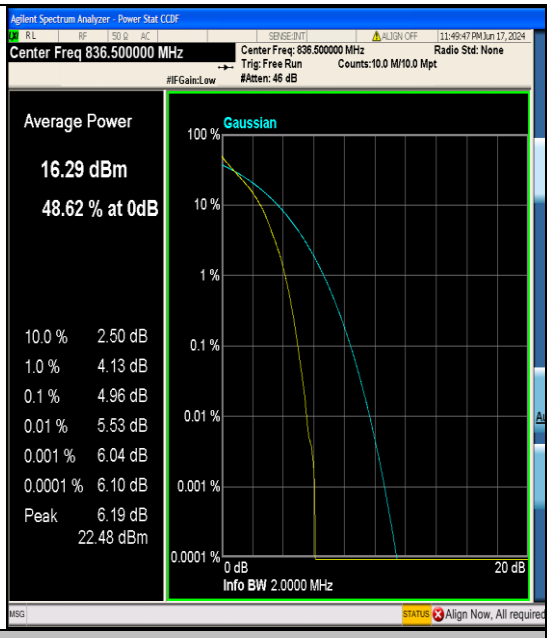
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	4.86	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.96	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	5.09	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.64	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.72	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.86	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.04	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.23	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	5.40	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.82	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.96	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	6.17	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.04	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.26	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	5.23	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.70	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.92	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.91	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	5.18	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.34	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.81	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.93	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	6.00	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.45	13	PASS

Test Graphs



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



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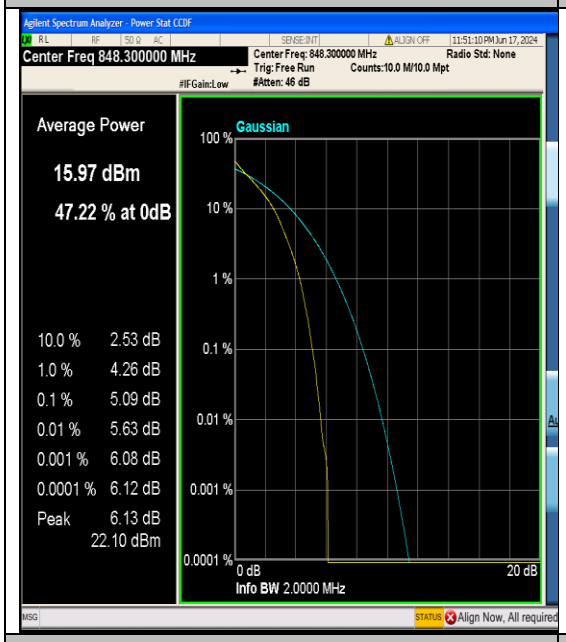

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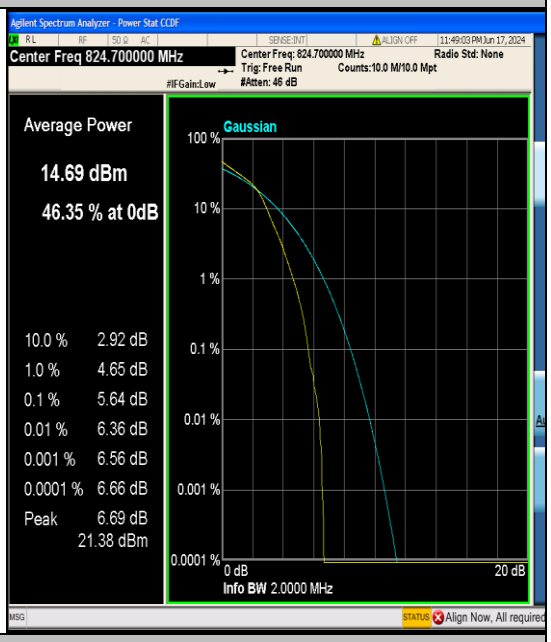

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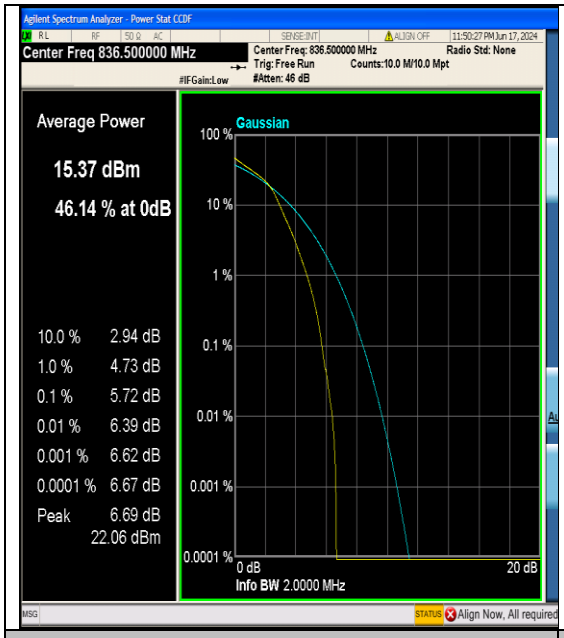

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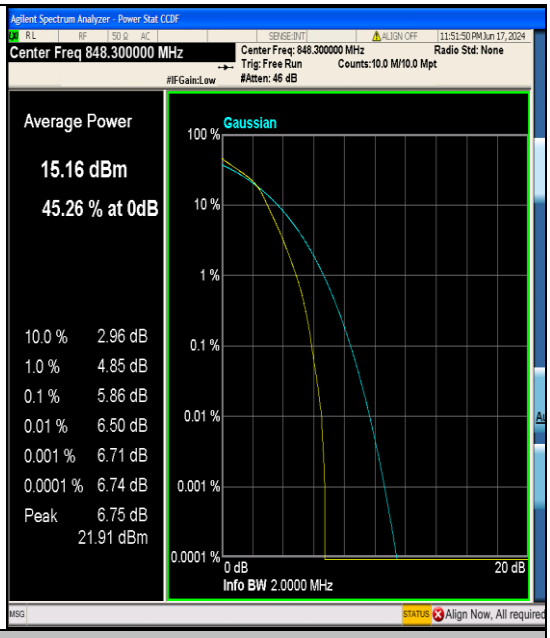

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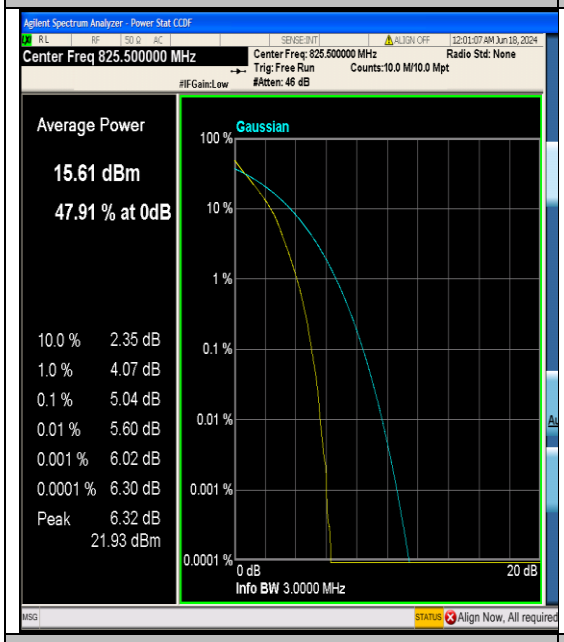

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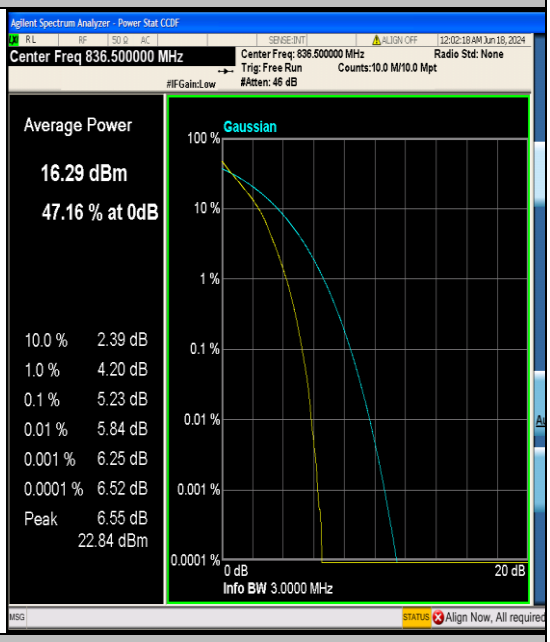

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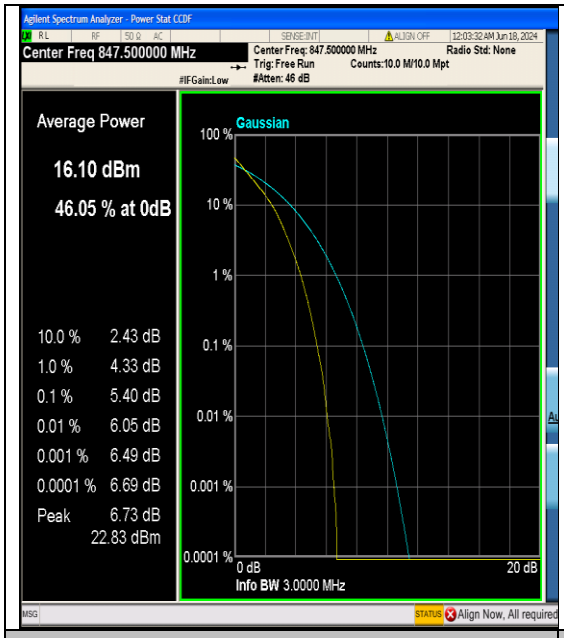

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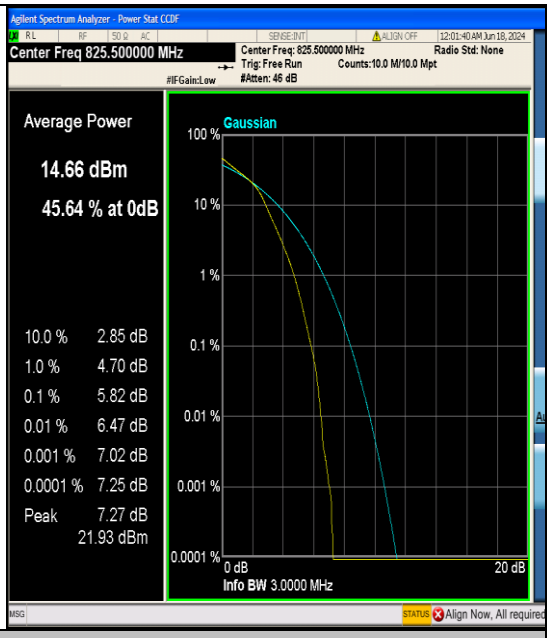

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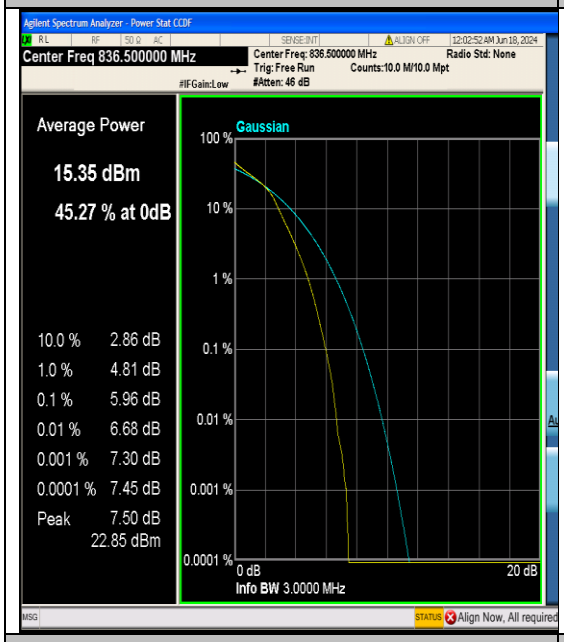

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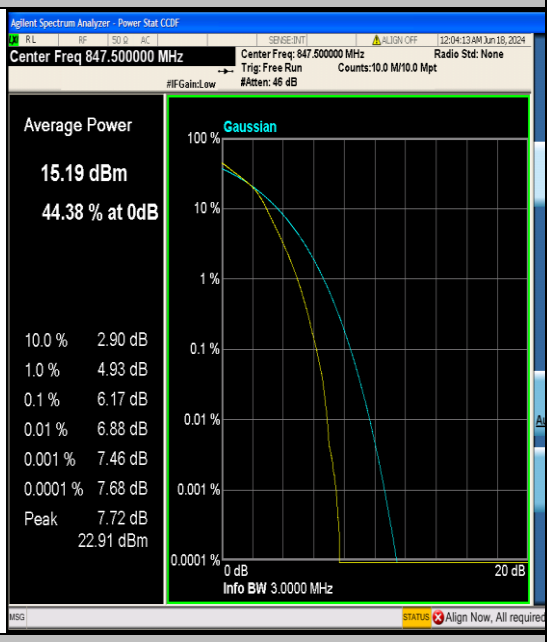

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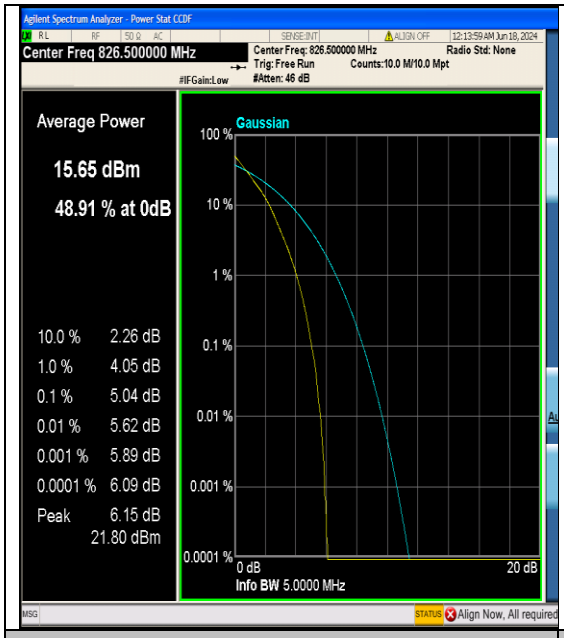
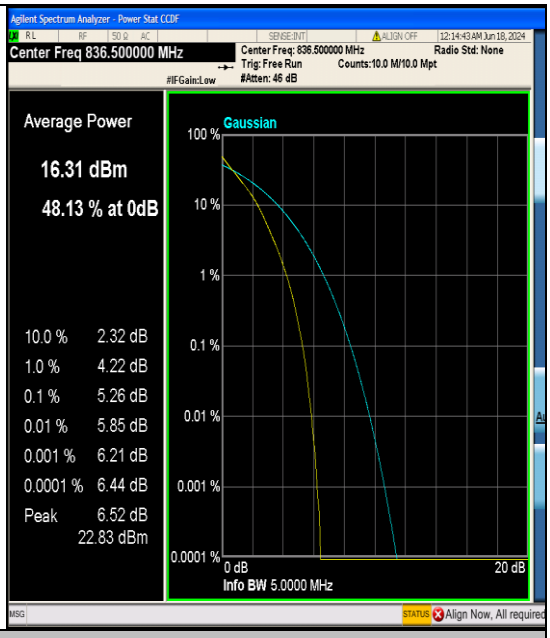


Band5-5MHz-QPSK-20425-25RB#0-PASS



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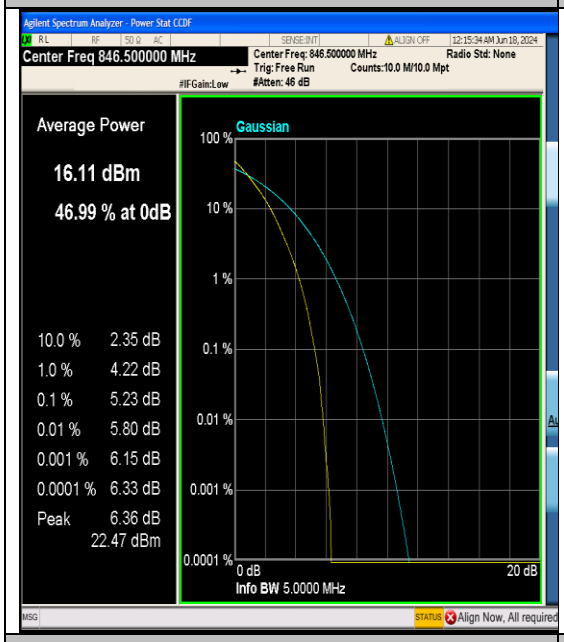

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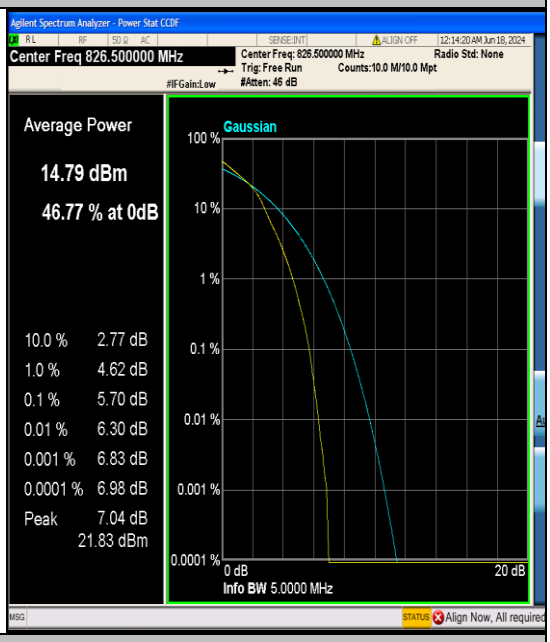

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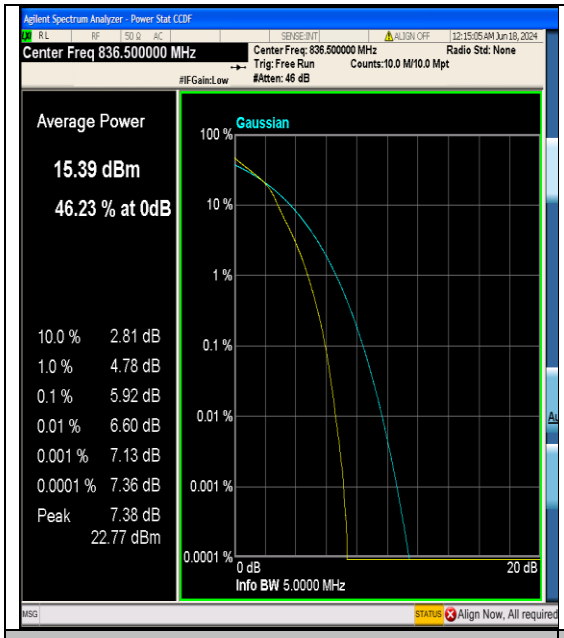

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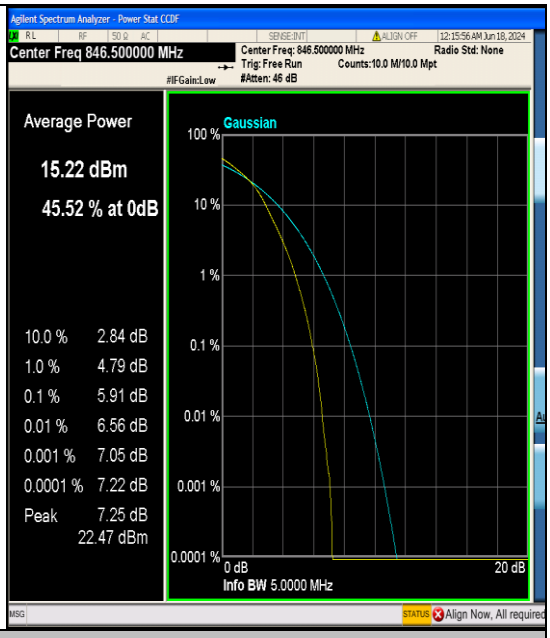

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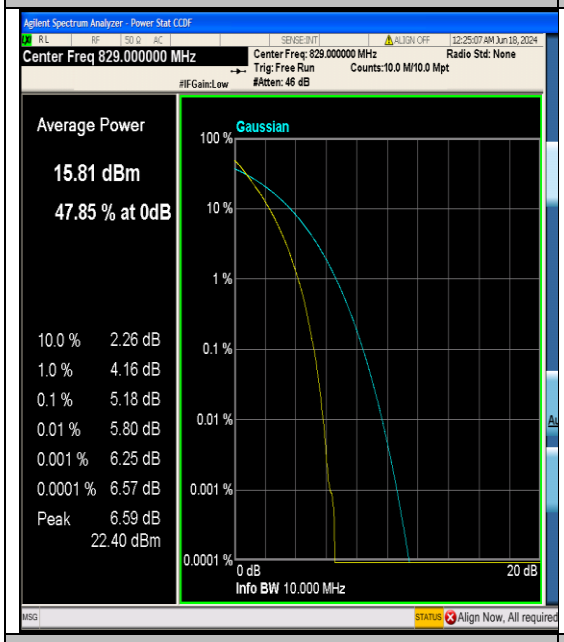
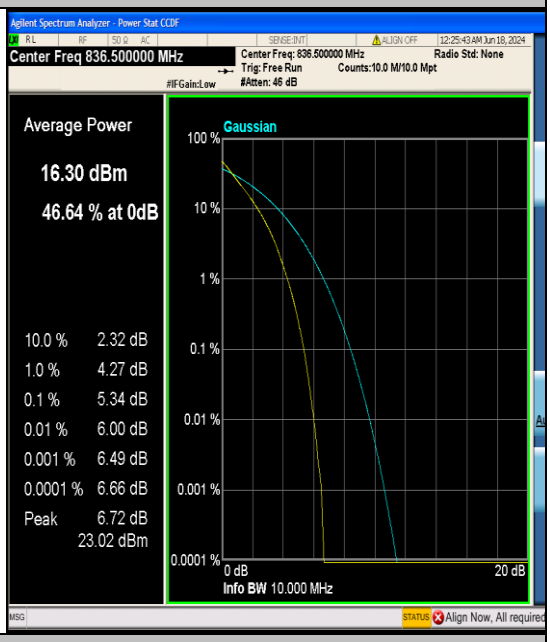


Band5-10MHz-QPSK-20450-50RB#0-PASS



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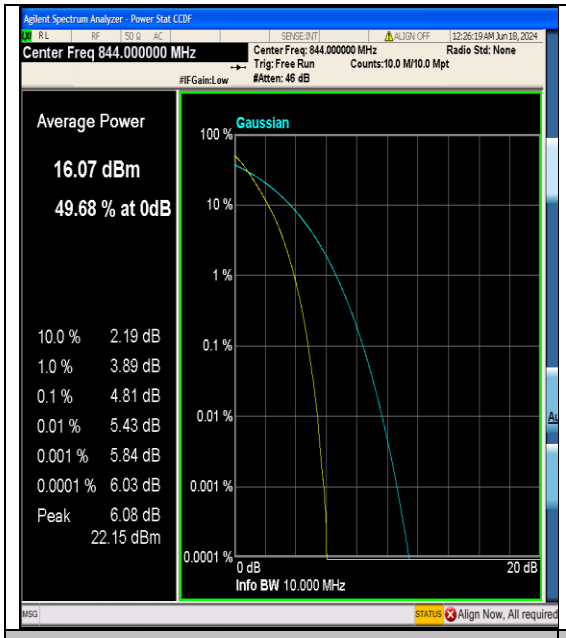
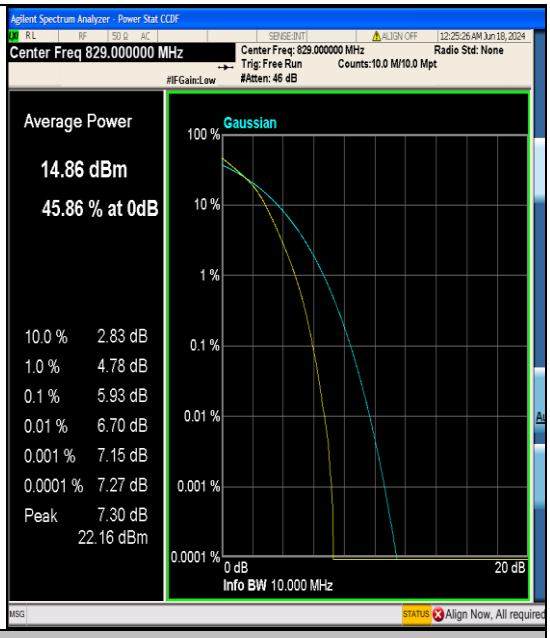


Band5-10MHz-QPSK-20600-50RB#0-PASS



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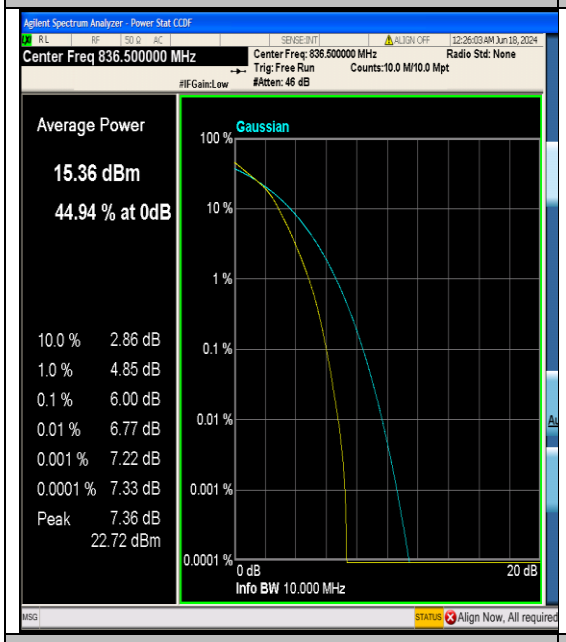
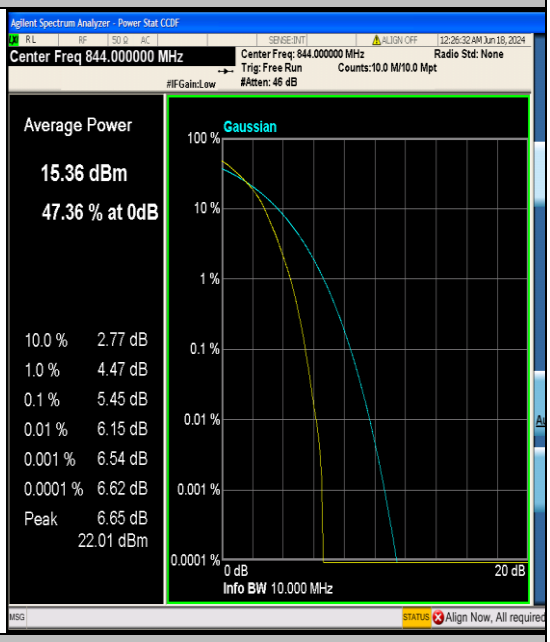


Band5-10MHz-16QAM-20525-50RB#0-PASS



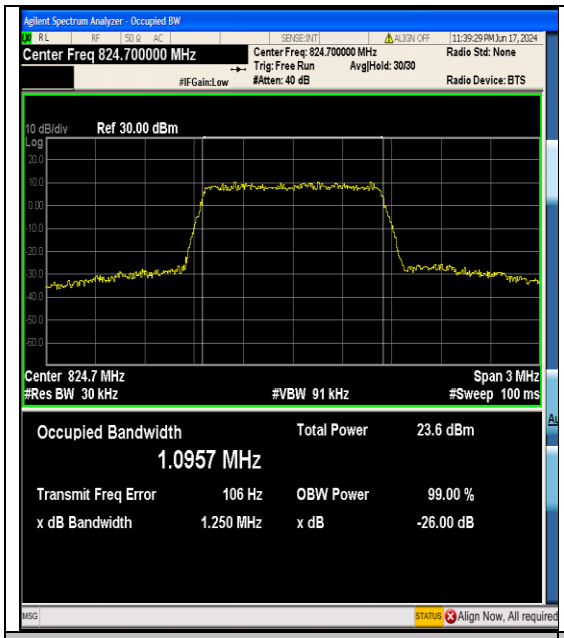
Band5-10MHz-16QAM-20600-50RB#0-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

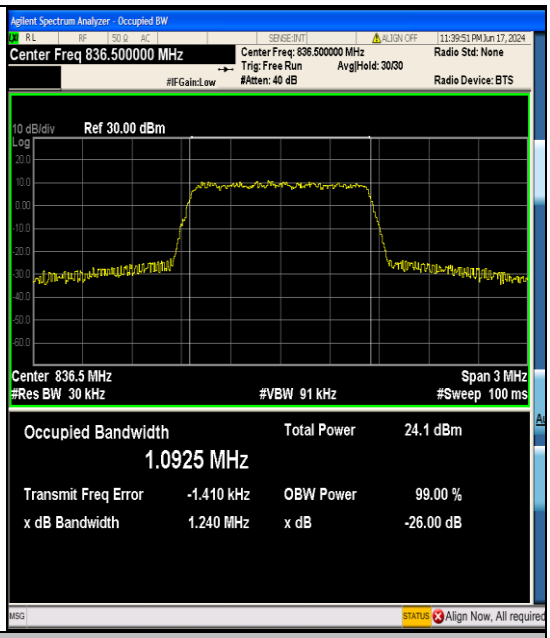
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0957	1.250	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0925	1.240	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0926	1.239	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1010	1.250	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1026	1.246	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1024	1.242	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7100	3.030	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7223	3.038	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7135	3.027	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6964	3.030	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7022	3.014	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7017	3.012	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.4995	4.962	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5134	4.983	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5085	4.968	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4989	4.960	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5028	4.976	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4986	4.956	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9727	9.861	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0405	9.908	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9495	9.903	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9550	9.883	PASS
Band5	10MHz	16QAM	20525	50RB#0	9.0285	9.940	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9504	9.840	PASS

Test Graphs



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



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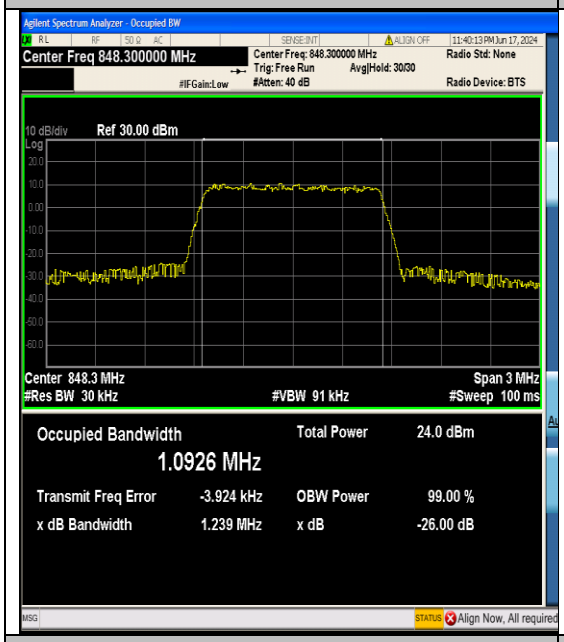

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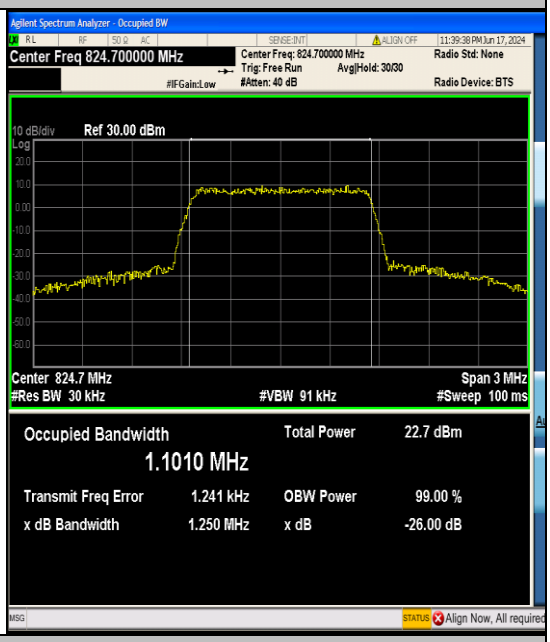
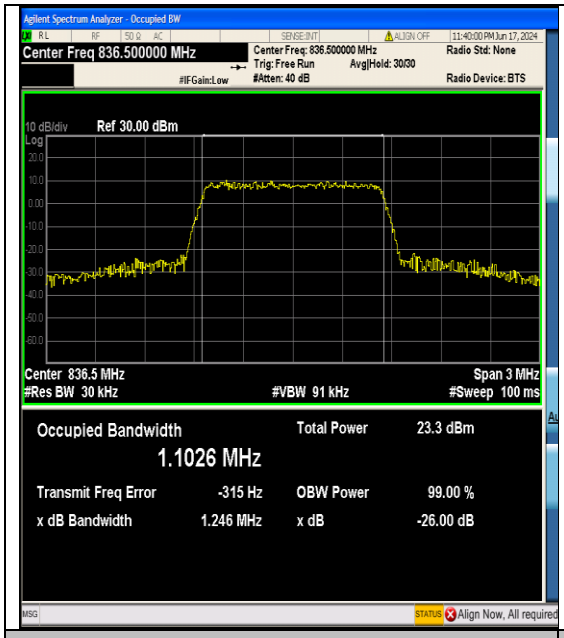


Band5-1.4MHz-16QAM-20407-6RB#0-PASS



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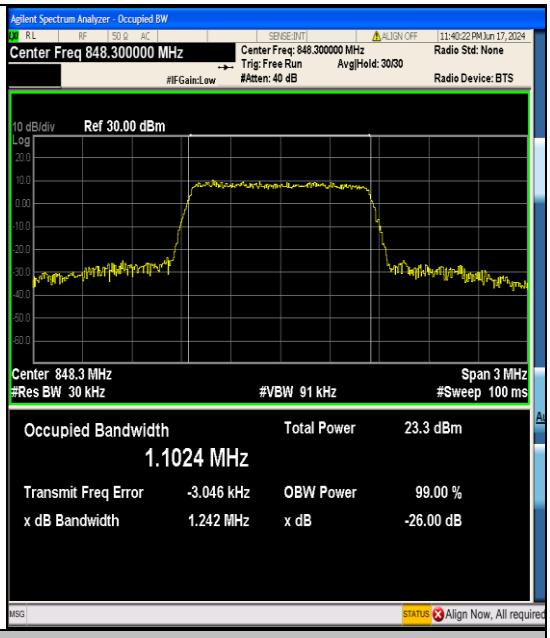

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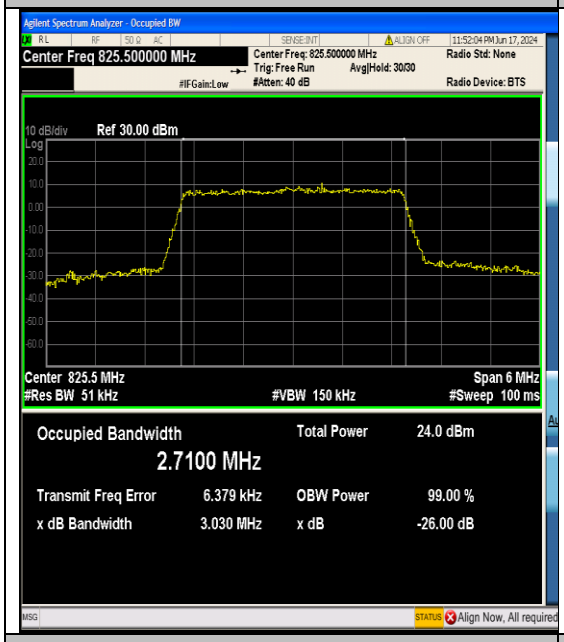

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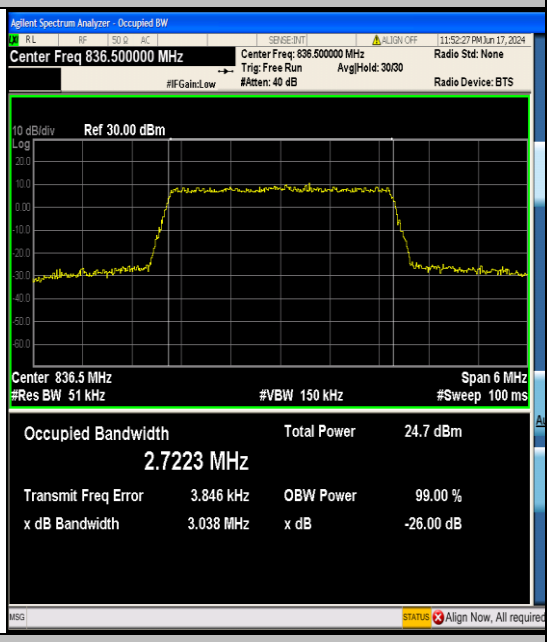

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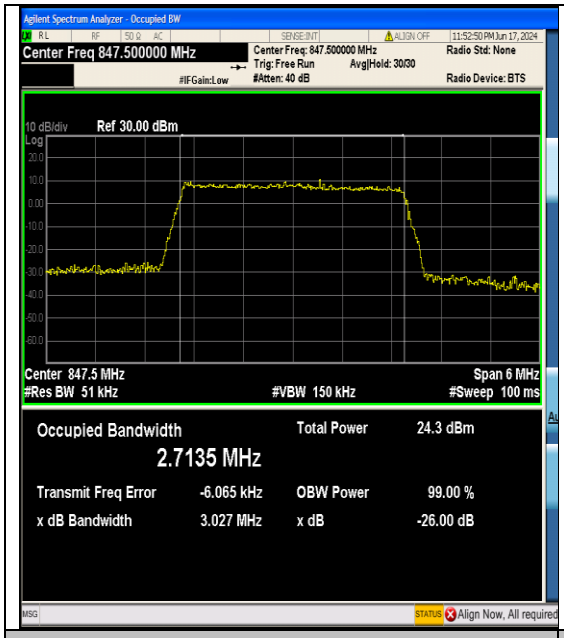
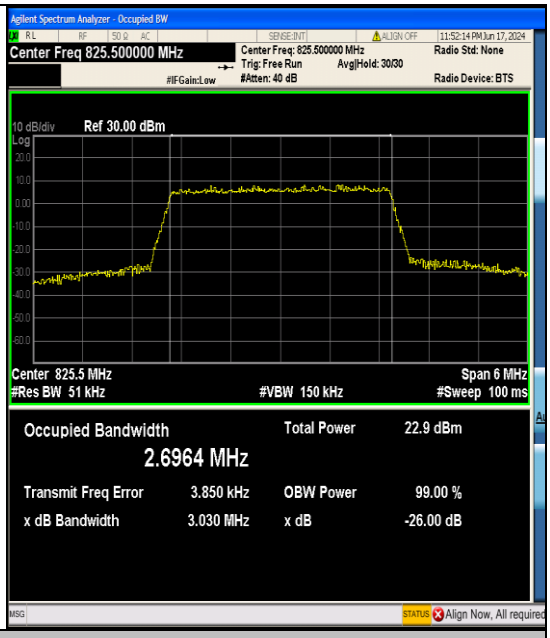
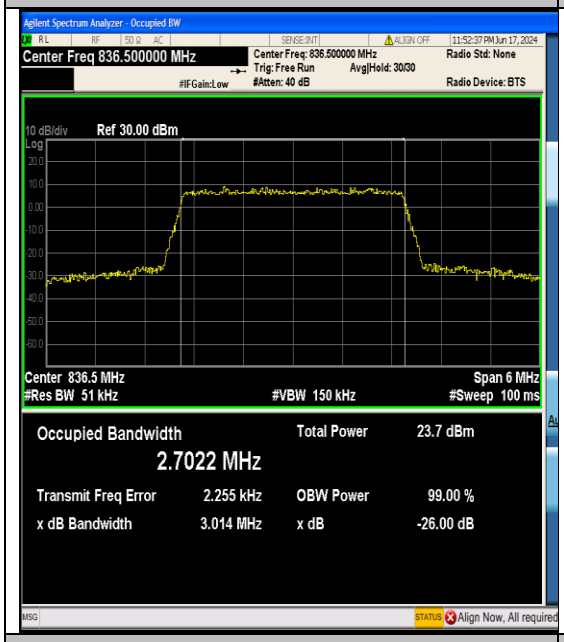


Band5-3MHz-QPSK-20635-15RB#0-PASS



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



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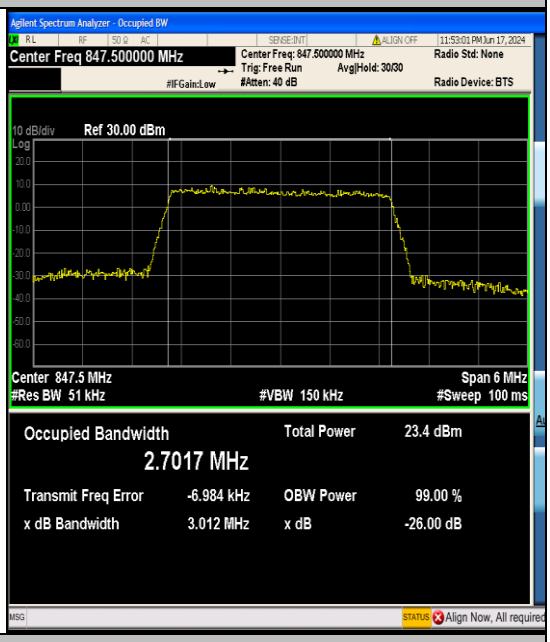
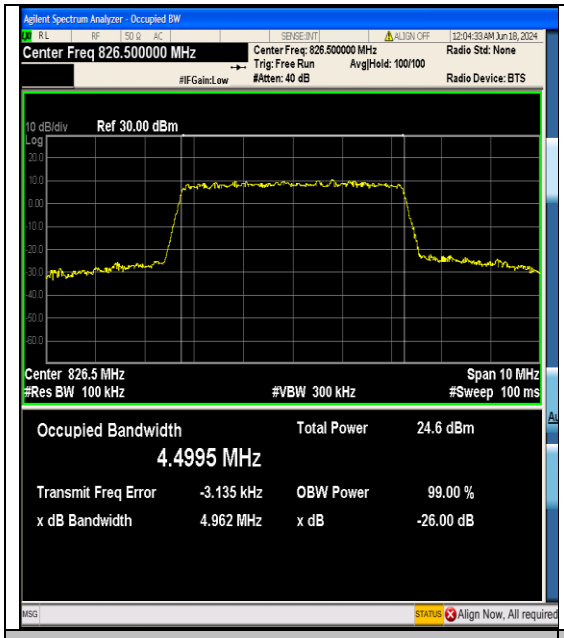
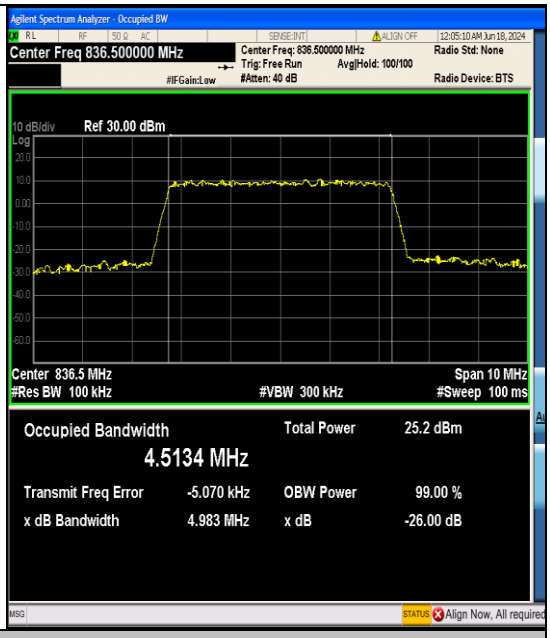


Band5-3MHz-16QAM-20635-15RB#0-PASS



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



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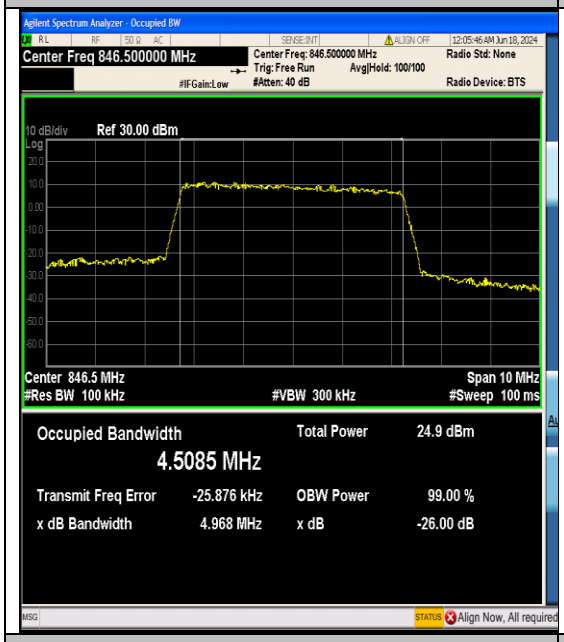
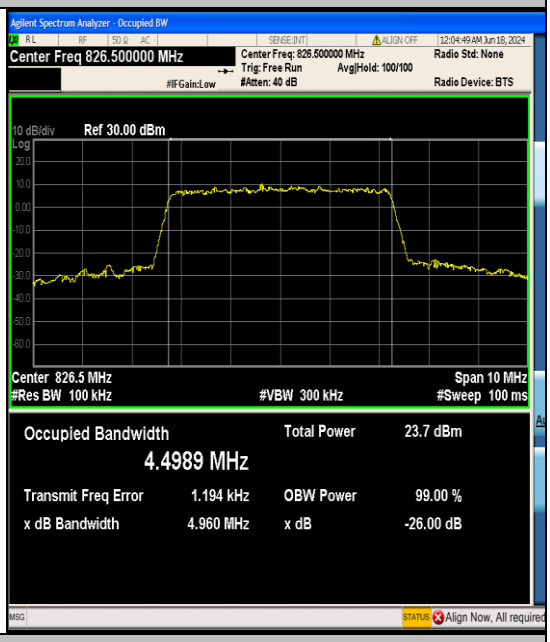
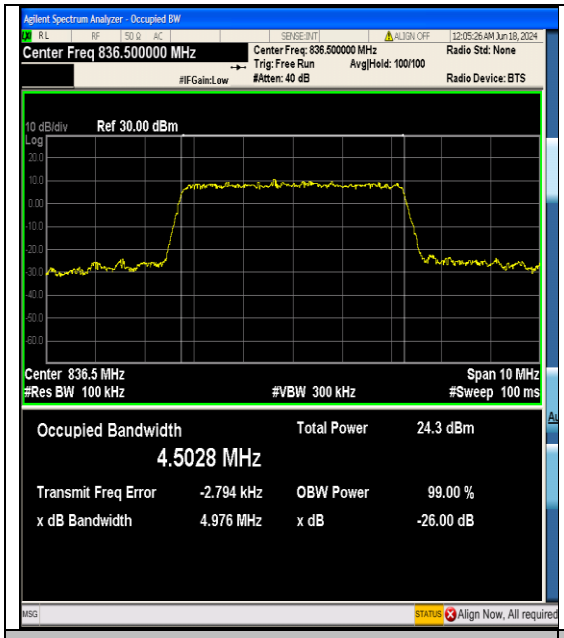


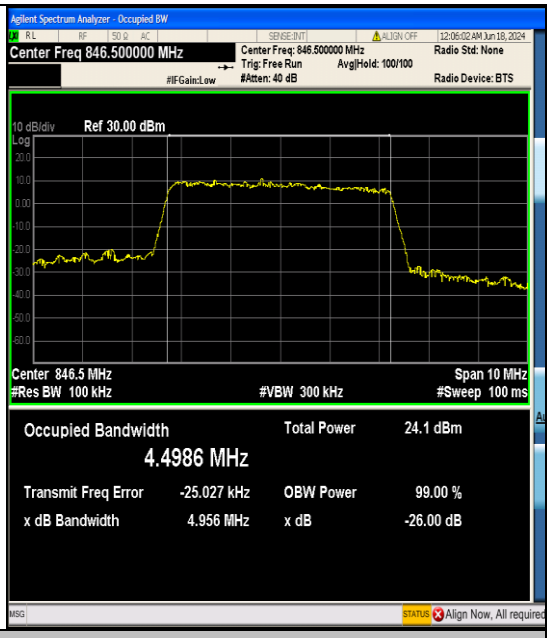
Band5-5MHz-QPSK-20625-25RB#0-PASS



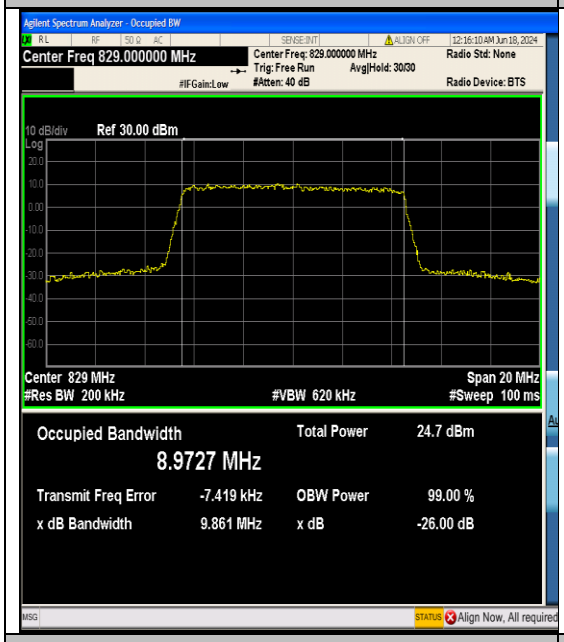
Band5-5MHz-16QAM-20425-25RB#0-PASS



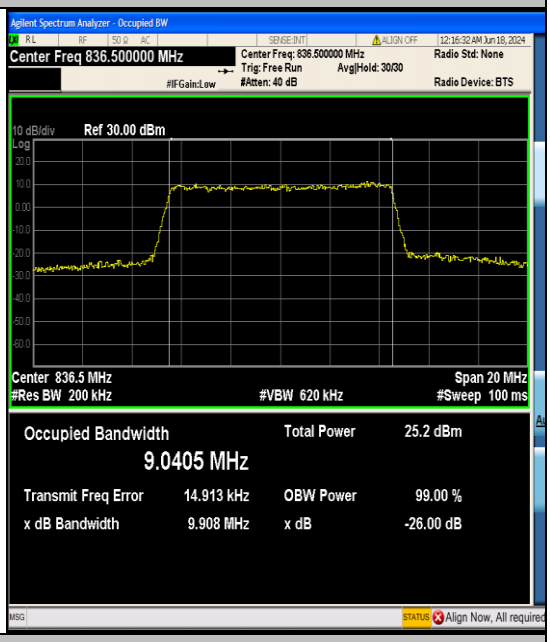
Band5-5MHz-16QAM-20525-25RB#0-PASS



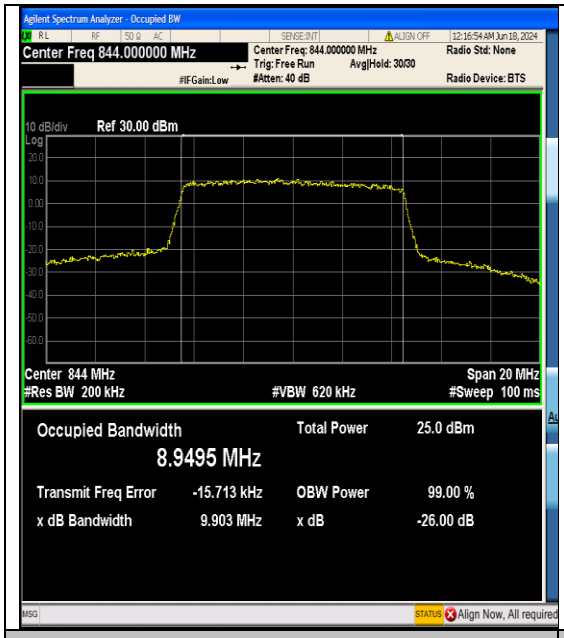
Band5-5MHz-16QAM-20625-25RB#0-PASS



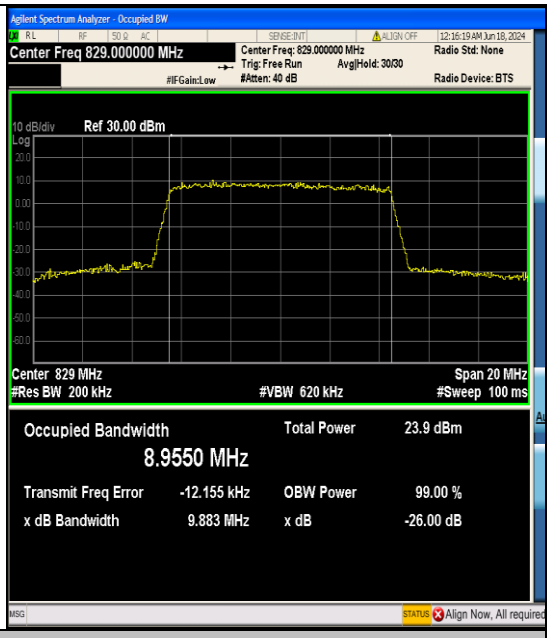
Band5-10MHz-QPSK-20450-50RB#0-PASS



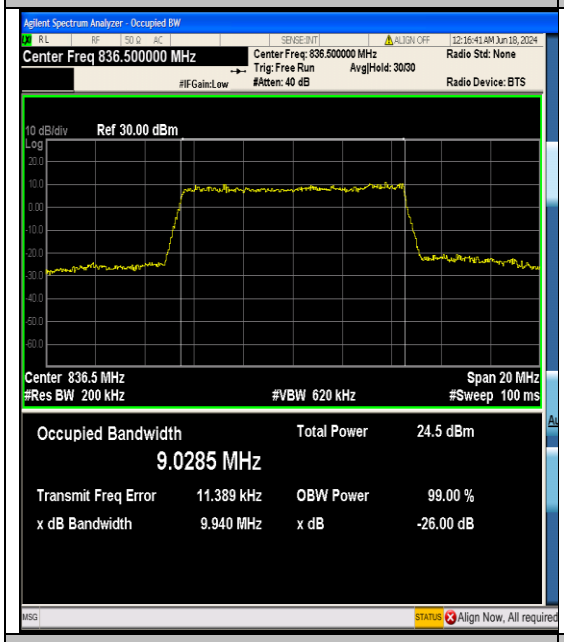
Band5-10MHz-QPSK-20525-50RB#0-PASS



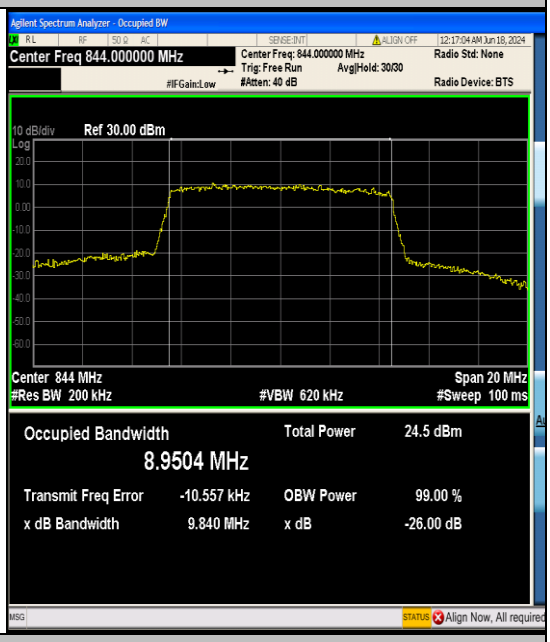
Band5-10MHz-QPSK-20600-50RB#0-PASS



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



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



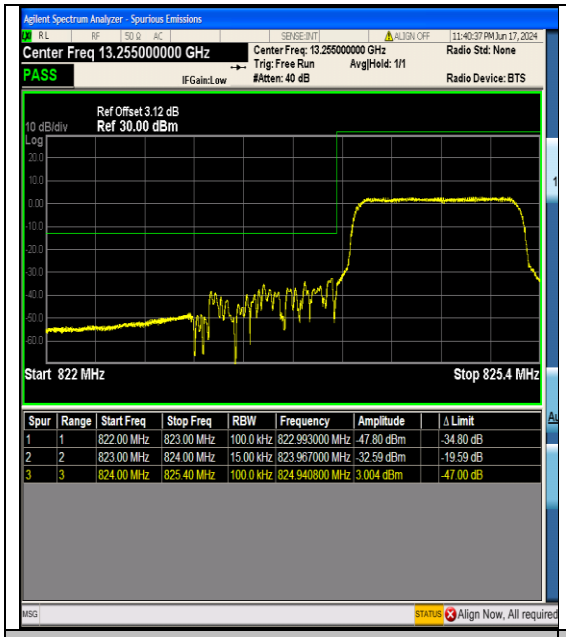
Band5-10MHz-16QAM-20600-50RB#0-PASS

Appendix D: Band Edge

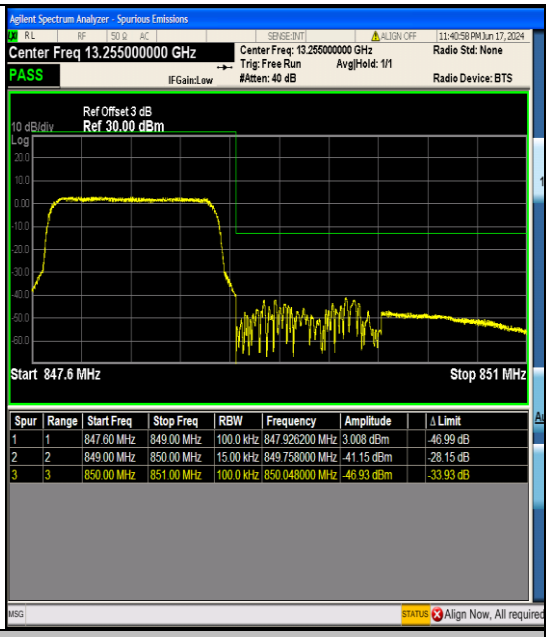
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-32.59	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-41.15	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-39.27	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-39.85	PASS
Band5	3MHz	QPSK	20415	15RB#0	-34.21	PASS
Band5	3MHz	QPSK	20635	15RB#0	-37.82	PASS
Band5	3MHz	16QAM	20415	15RB#0	-36.83	PASS
Band5	3MHz	16QAM	20635	15RB#0	-38.98	PASS
Band5	5MHz	QPSK	20425	25RB#0	-39.66	PASS
Band5	5MHz	QPSK	20625	25RB#0	-42.76	PASS
Band5	5MHz	16QAM	20425	25RB#0	-41.14	PASS
Band5	5MHz	16QAM	20625	25RB#0	-43.90	PASS
Band5	10MHz	QPSK	20450	50RB#0	-40.93	PASS
Band5	10MHz	QPSK	20600	50RB#0	-37.82	PASS
Band5	10MHz	16QAM	20450	50RB#0	-42.76	PASS
Band5	10MHz	16QAM	20600	50RB#0	-39.60	PASS

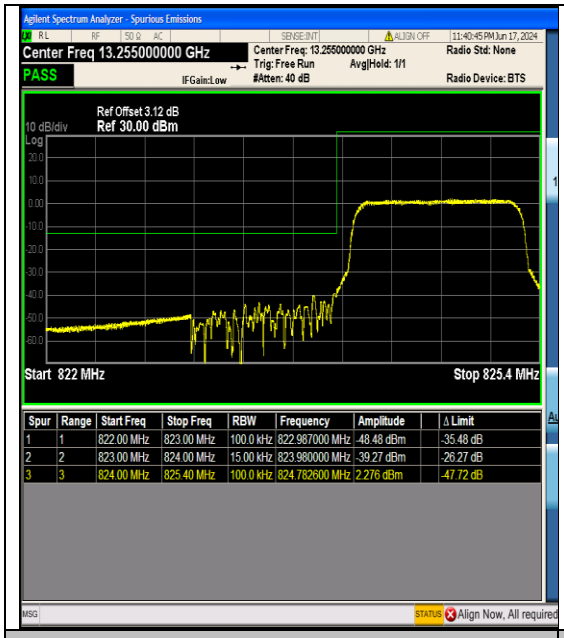
Test Graphs



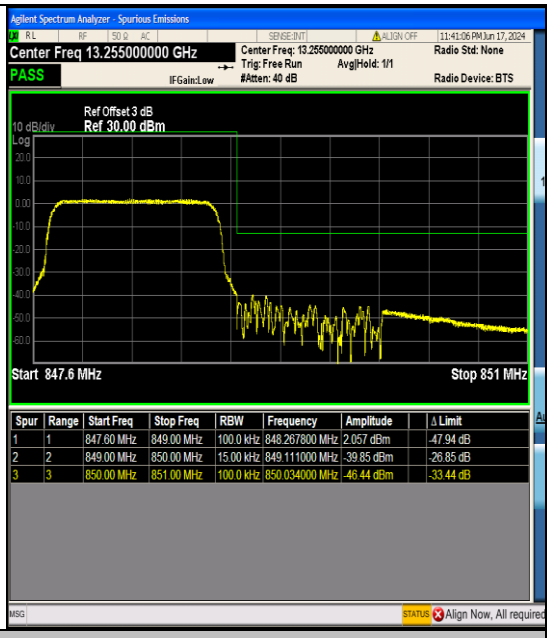
Band5_1.4MHz_QPSK_20407_6RB#0



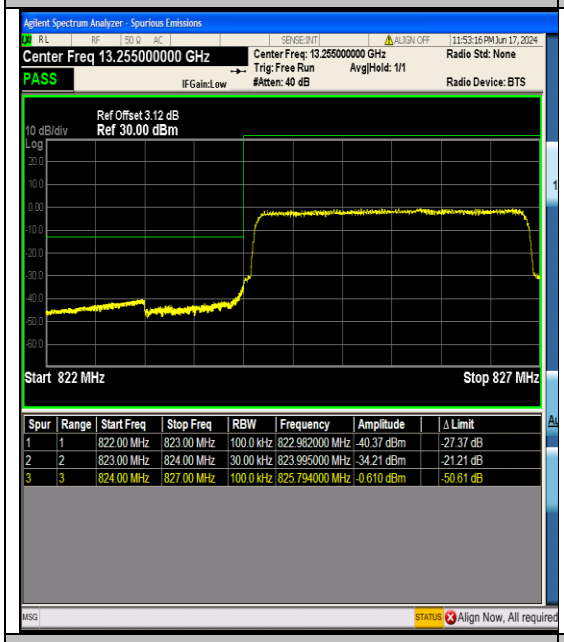
Band5_1.4MHz_QPSK_20643_6RB#0



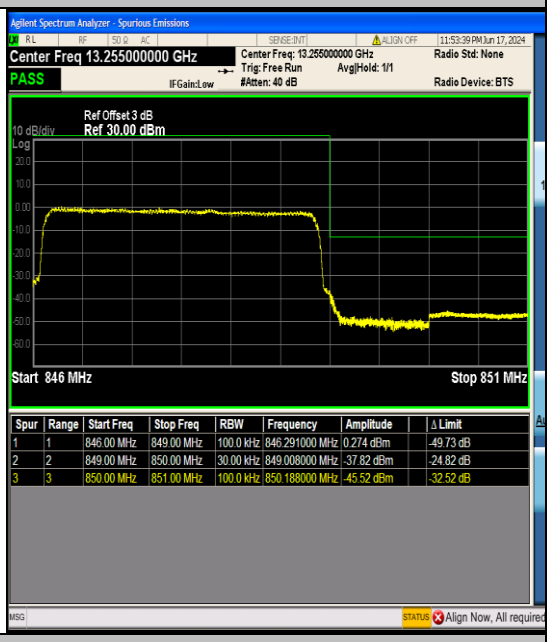
Band5_1.4MHz_16QAM_20407_6RB#0



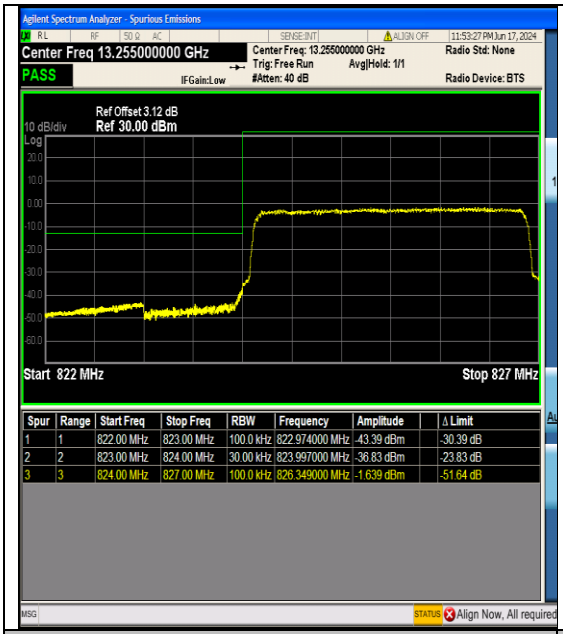
Band5_1.4MHz_16QAM_20643_6RB#0



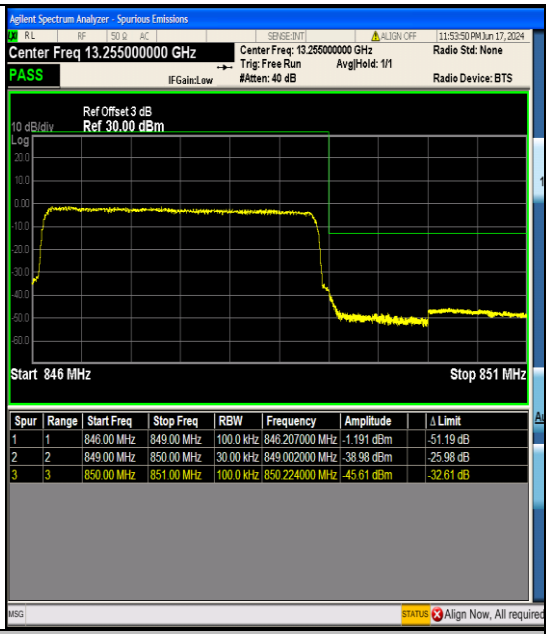
Band5_3MHz_QPSK_20415_15RB#0



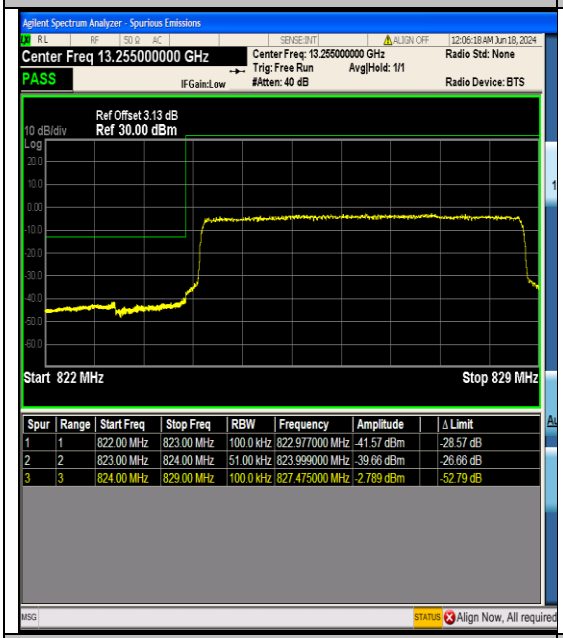
Band5_3MHz_QPSK_20635_15RB#0



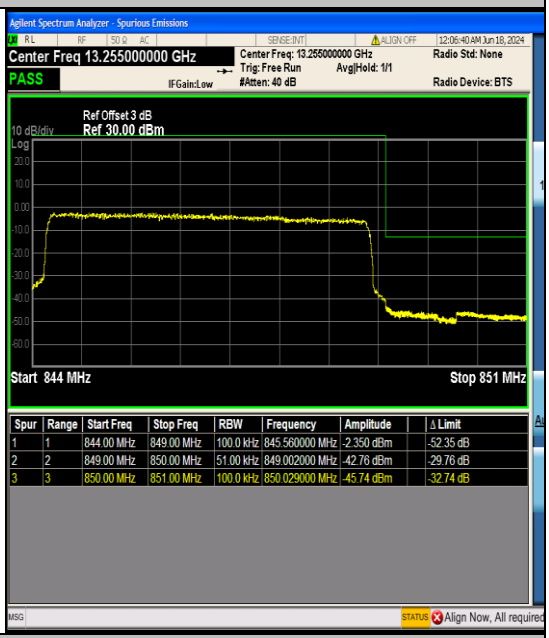
Band5_3MHz_16QAM_20415_15RB#0



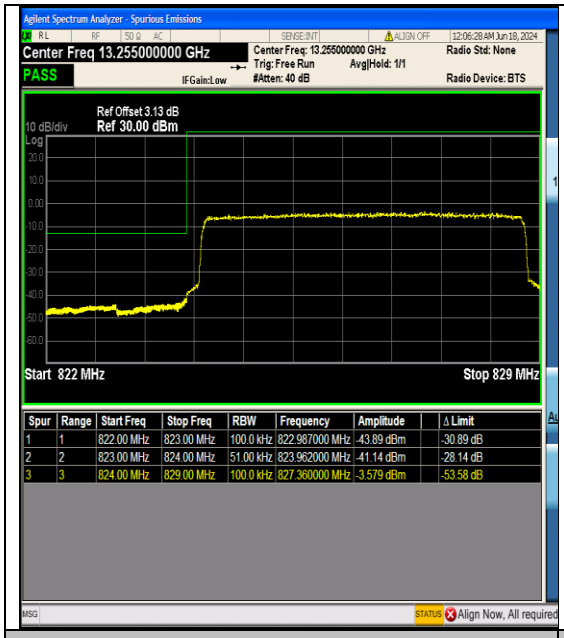
Band5_3MHz_16QAM_20635_15RB#0



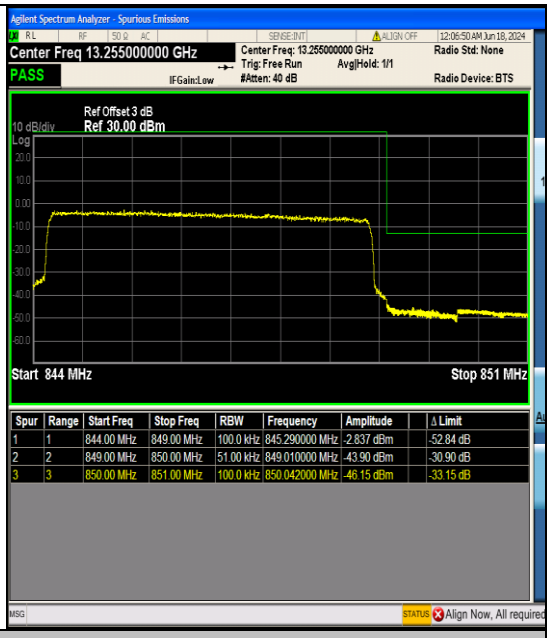
Band5_5MHz_QPSK_20425_25RB#0



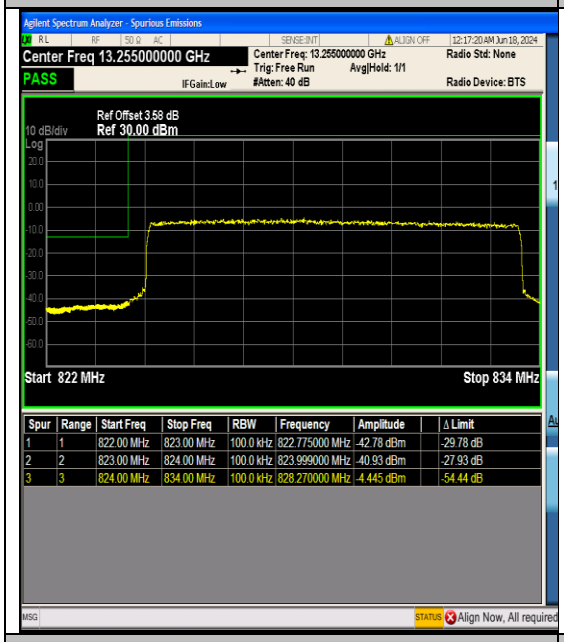
Band5_5MHz_QPSK_20625_25RB#0



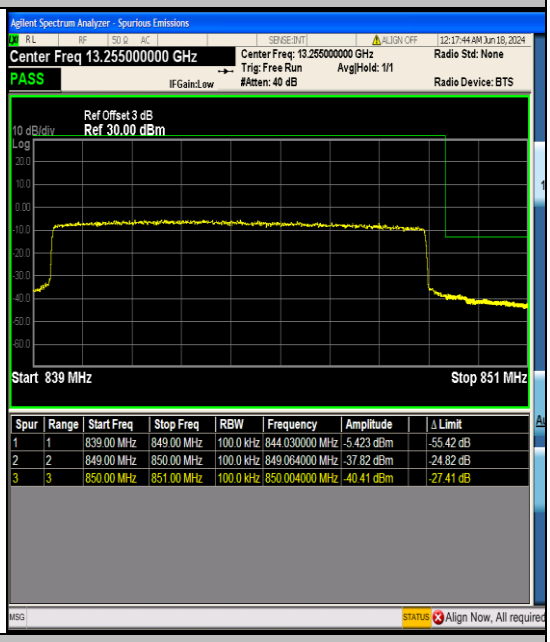
Band5_5MHz_16QAM_20425_25RB#0



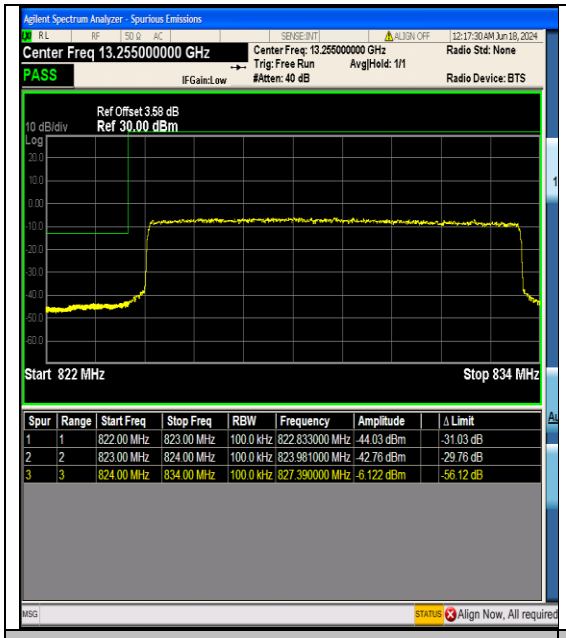
Band5_5MHz_16QAM_20625_25RB#0



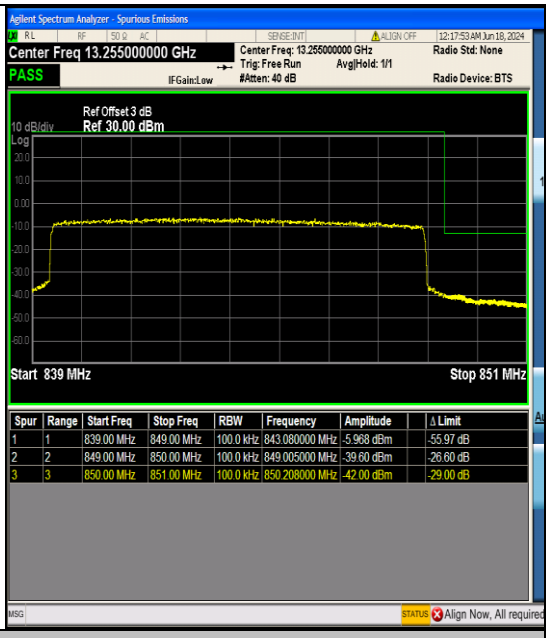
Band5_10MHz_QPSK_20450_50RB#0



Band5_10MHz_QPSK_20600_50RB#0



Band5_10MHz_16QAM_20450_50RB#0



Band5_10MHz_16QAM_20600_50RB#0

Appendix E: Conducted Spurious Emission

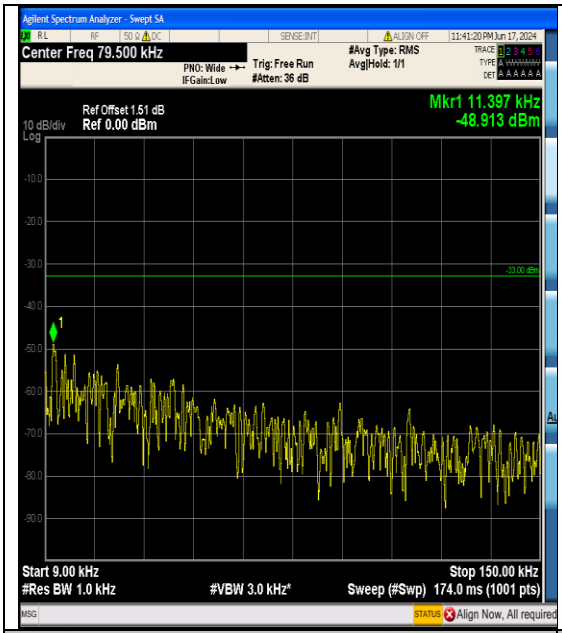
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	0.009~0.15	-48.91	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-58.85	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-51.89	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-52.20	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-49.75	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-48.04	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-57.58	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-53.63	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-52.52	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-49.91	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-49.08	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-57.17	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-51.23	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-51.88	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-49.47	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-45.99	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-60.61	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-53.07	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-52.60	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-49.82	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-50.96	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-60.29	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-53.86	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-52.68	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-49.82	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-47.24	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-58.64	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-52.99	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-52.57	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-49.85	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-49.71	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-59.79	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-55.22	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-52.14	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-49.67	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-47.49	PASS

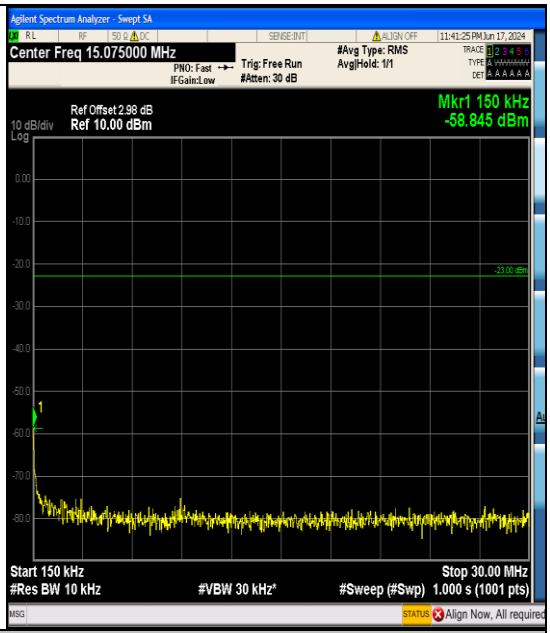
Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-57.67	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-45.25	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-52.58	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-49.78	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-48.17	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-58.86	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-54.27	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-52.54	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-49.79	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-48.57	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-60.15	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-47.74	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-52.66	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-49.91	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-49.60	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-60.80	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-54.93	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-52.81	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-49.62	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-45.56	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-59.21	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-54.59	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-52.48	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-50.07	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-48.10	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-57.80	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-57.79	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-52.70	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-49.83	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-52.51	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-57.81	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-59.33	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-52.84	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-49.93	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-46.88	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-59.27	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-55.46	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-52.32	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-49.77	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-46.03	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-59.30	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-58.71	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-52.31	PASS

Band5	5MHz	16QAM	20425	25RB#0	3000~10000	-49.95	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.009~0.15	-48.52	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.15~30	-59.13	PASS
Band5	5MHz	16QAM	20525	25RB#0	30~1000	-59.03	PASS
Band5	5MHz	16QAM	20525	25RB#0	1000~3000	-52.59	PASS
Band5	5MHz	16QAM	20525	25RB#0	3000~10000	-49.90	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.009~0.15	-47.27	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.15~30	-57.14	PASS
Band5	5MHz	16QAM	20625	25RB#0	30~1000	-57.66	PASS
Band5	5MHz	16QAM	20625	25RB#0	1000~3000	-52.43	PASS
Band5	5MHz	16QAM	20625	25RB#0	3000~10000	-49.89	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.009~0.15	-45.62	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.15~30	-59.40	PASS
Band5	10MHz	QPSK	20450	50RB#0	30~1000	-66.45	PASS
Band5	10MHz	QPSK	20450	50RB#0	1000~3000	-52.73	PASS
Band5	10MHz	QPSK	20450	50RB#0	3000~10000	-50.16	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.009~0.15	-47.26	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.15~30	-57.06	PASS
Band5	10MHz	QPSK	20525	50RB#0	30~1000	-66.86	PASS
Band5	10MHz	QPSK	20525	50RB#0	1000~3000	-52.85	PASS
Band5	10MHz	QPSK	20525	50RB#0	3000~10000	-49.84	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.009~0.15	-48.59	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.15~30	-59.59	PASS
Band5	10MHz	QPSK	20600	50RB#0	30~1000	-59.39	PASS
Band5	10MHz	QPSK	20600	50RB#0	1000~3000	-52.75	PASS
Band5	10MHz	QPSK	20600	50RB#0	3000~10000	-50.14	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.009~0.15	-46.01	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.15~30	-60.92	PASS
Band5	10MHz	16QAM	20450	50RB#0	30~1000	-66.80	PASS
Band5	10MHz	16QAM	20450	50RB#0	1000~3000	-52.41	PASS
Band5	10MHz	16QAM	20450	50RB#0	3000~10000	-49.99	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.009~0.15	-45.40	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.15~30	-59.44	PASS
Band5	10MHz	16QAM	20525	50RB#0	30~1000	-66.66	PASS
Band5	10MHz	16QAM	20525	50RB#0	1000~3000	-52.57	PASS
Band5	10MHz	16QAM	20525	50RB#0	3000~10000	-49.91	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.009~0.15	-47.31	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.15~30	-59.19	PASS
Band5	10MHz	16QAM	20600	50RB#0	30~1000	-61.76	PASS
Band5	10MHz	16QAM	20600	50RB#0	1000~3000	-52.60	PASS
Band5	10MHz	16QAM	20600	50RB#0	3000~10000	-49.54	PASS

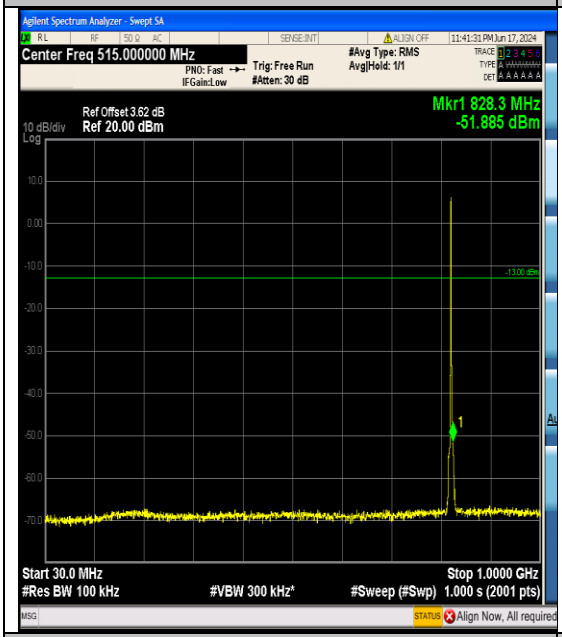
Test Graphs



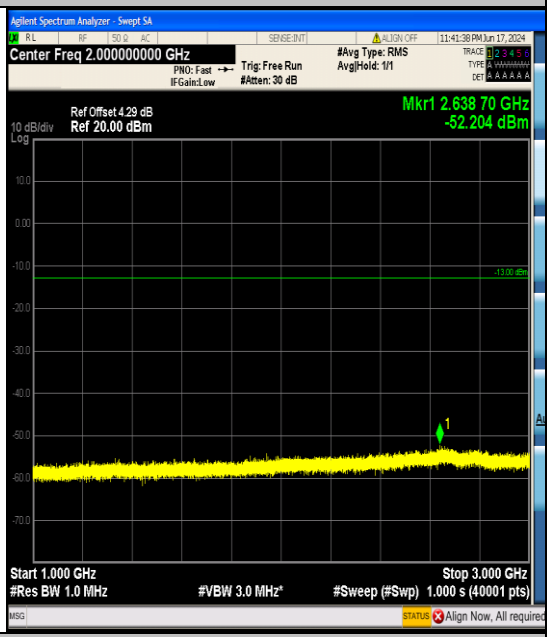
Band5_1.4MHz_QPSK_20407_6RB#0_0.009~0.15_0.009~0.15



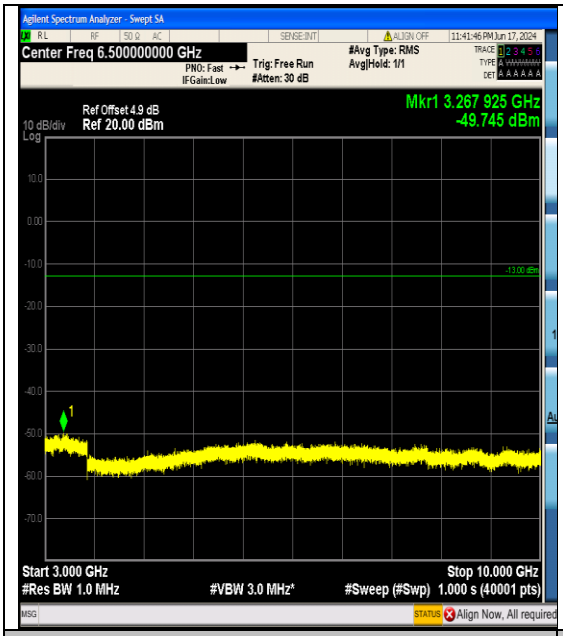
Band5_1.4MHz_QPSK_20407_6RB#0_0.15~30_0.15~30



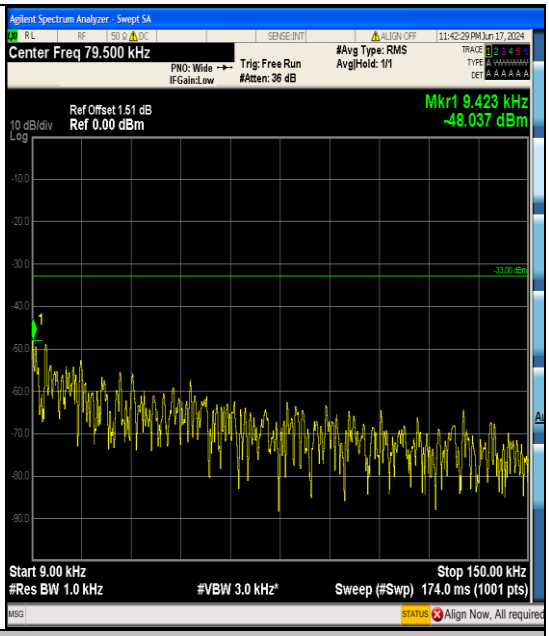
Band5_1.4MHz_QPSK_20407_6RB#0_30~1000_30~1000



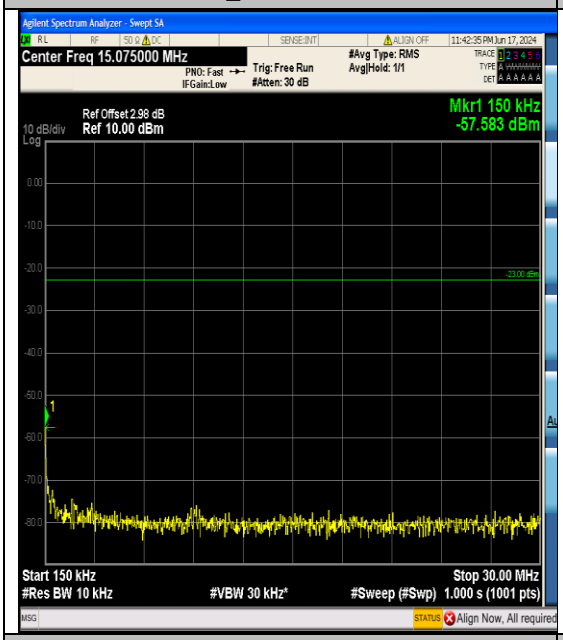
Band5_1.4MHz_QPSK_20407_6RB#0_1000~3000_1000~3000



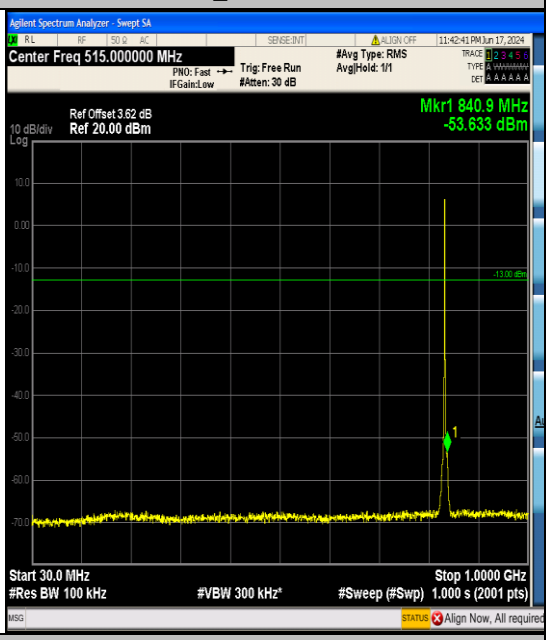
Band5_1.4MHz_QPSK_20407_6RB#0_3000~10000_3000~10000



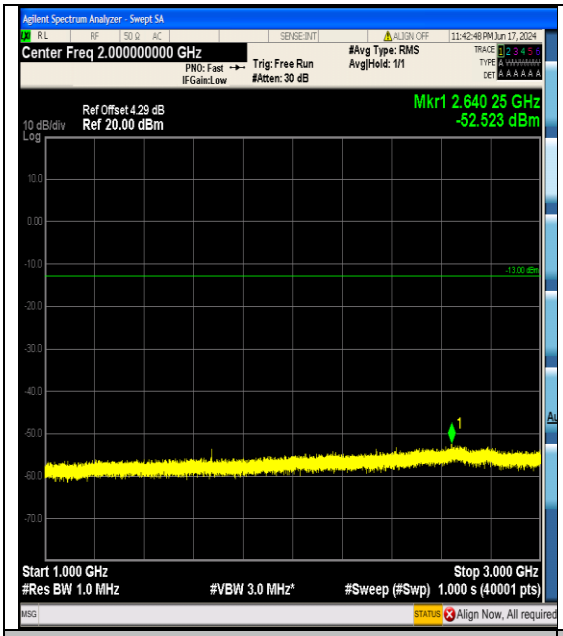
Band5_1.4MHz_QPSK_20525_6RB#0_0.009~0.15_0.009~0.15



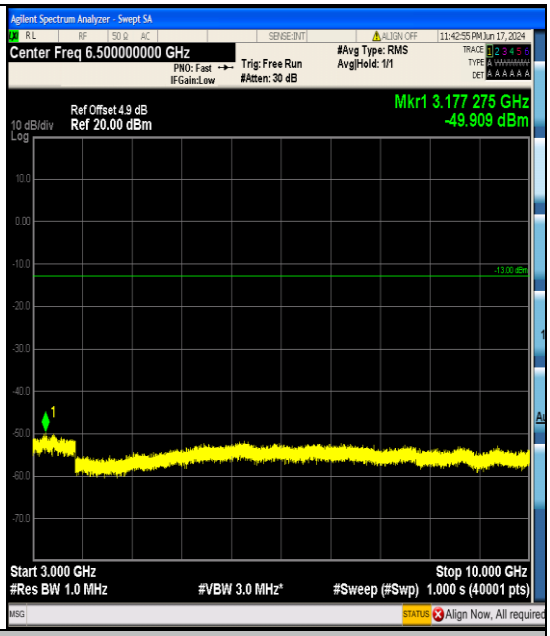
Band5_1.4MHz_QPSK_20525_6RB#0_0.15~30_0.15~30



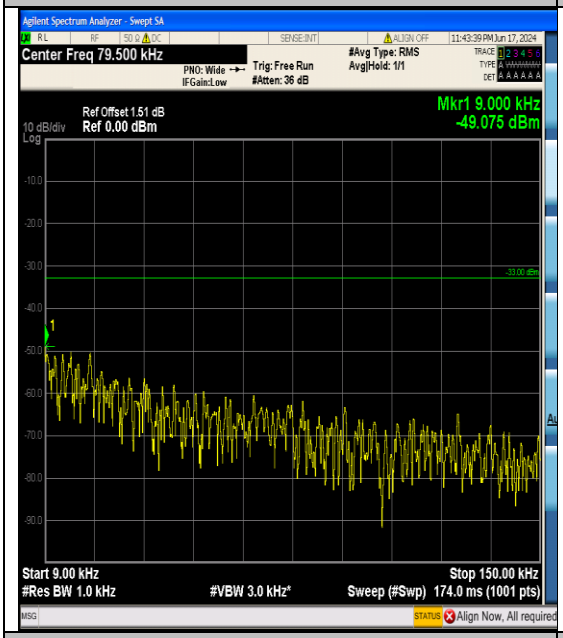
Band5_1.4MHz_QPSK_20525_6RB#0_30~1000_30~1000



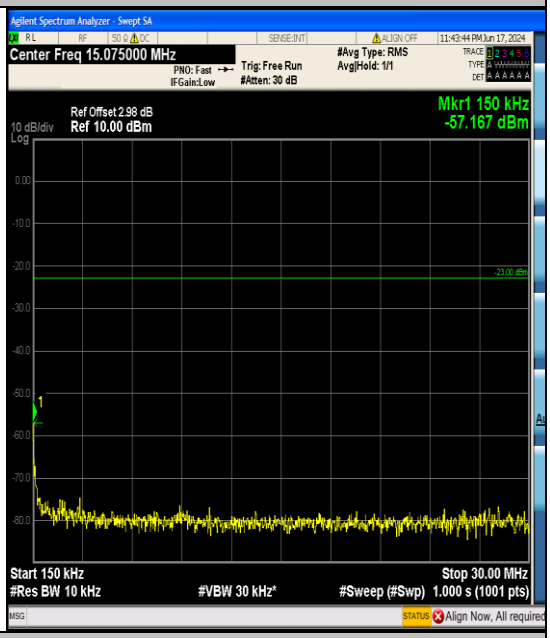
Band5_1.4MHz_QPSK_20525_6RB#0_1000~3000_1000~3000



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