

FCC LTE Band Test Data

FCC ID : 2A9LJ-ME61

Company: : Meferi Technologies Co.,Ltd.

EUT : Mobile Computer

Model Number : ME61

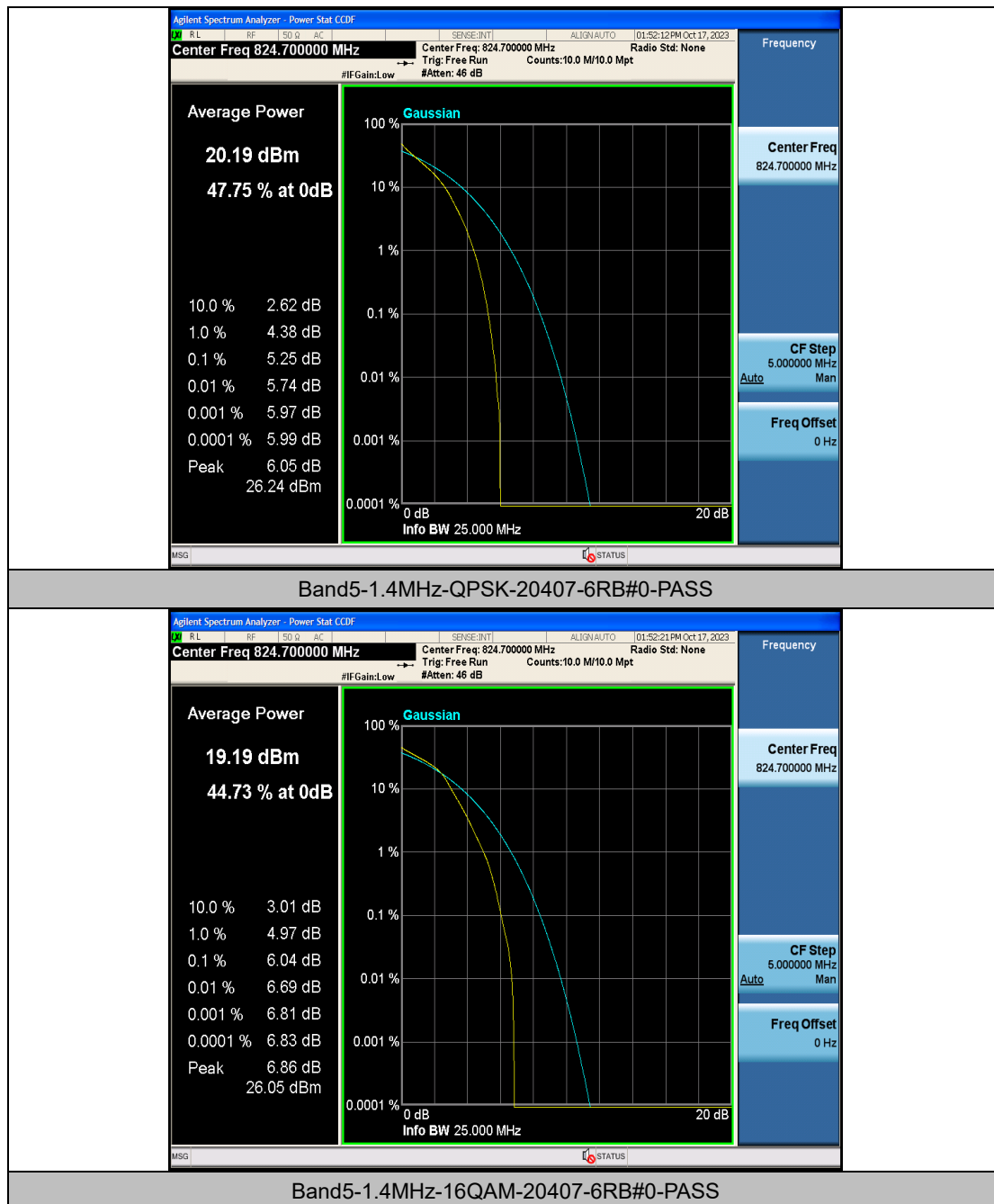
Reviewed By : Eric Wang

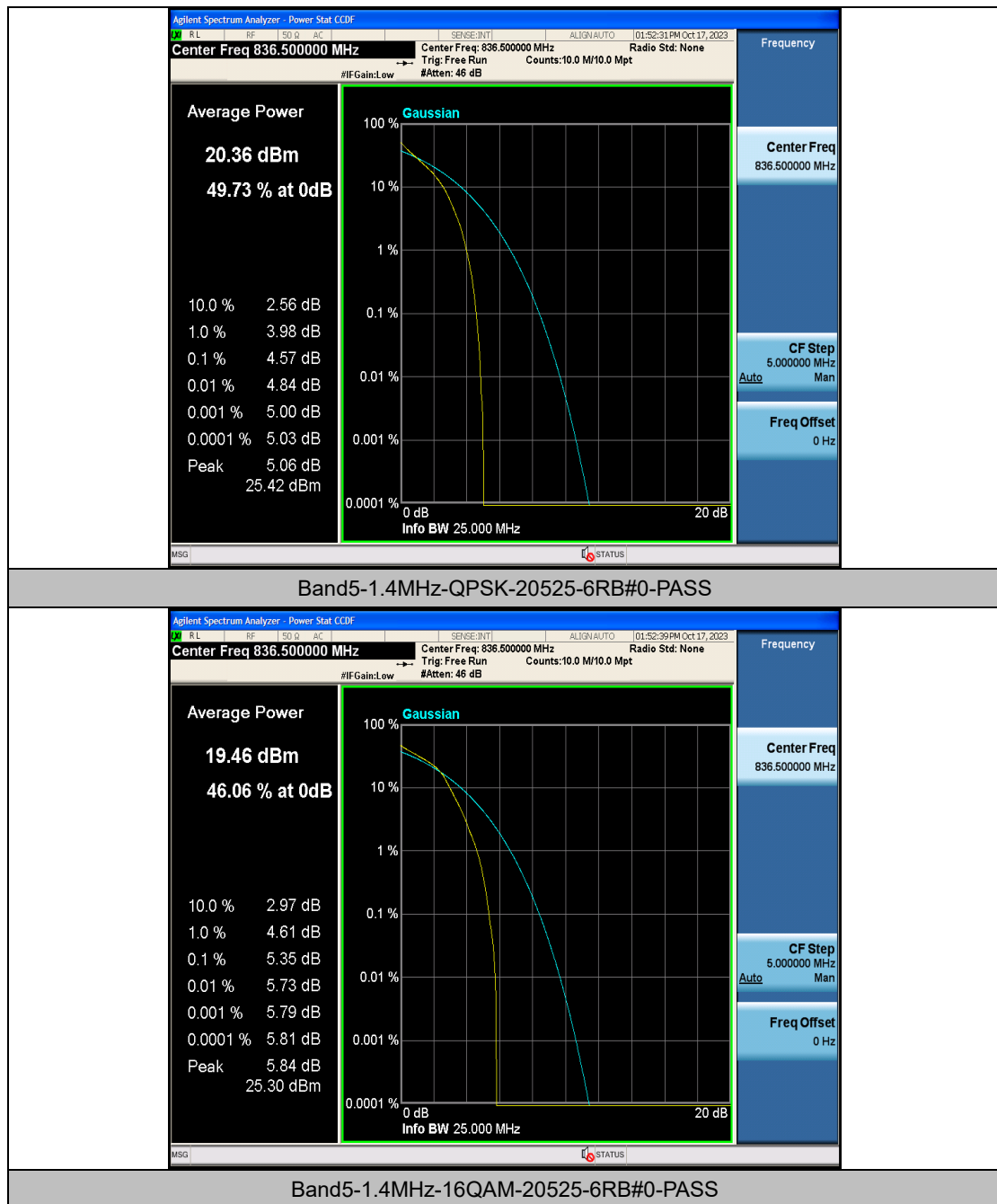
Appendix B: Peak-to-Average Ratio(CCDF)

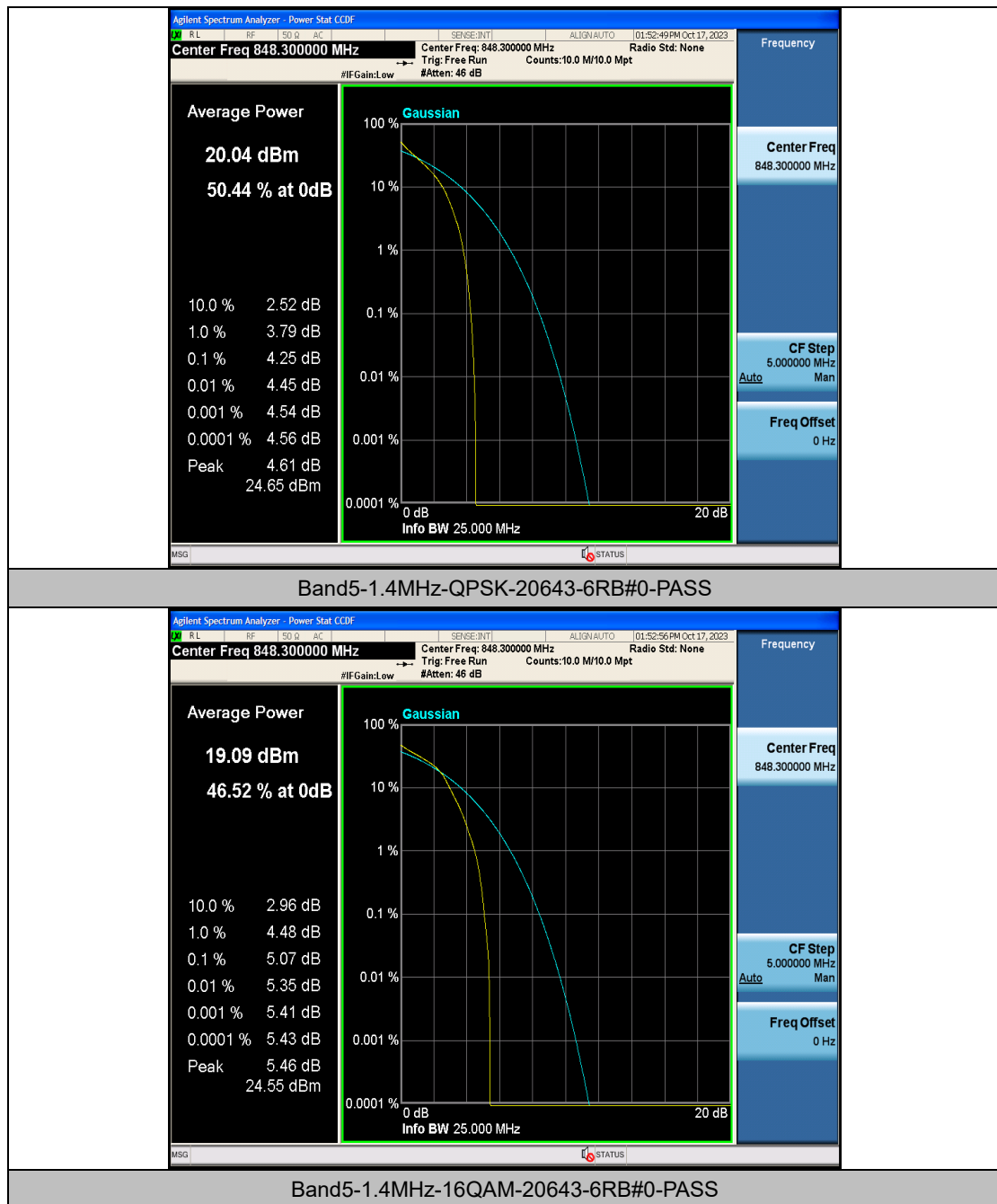
Test Result

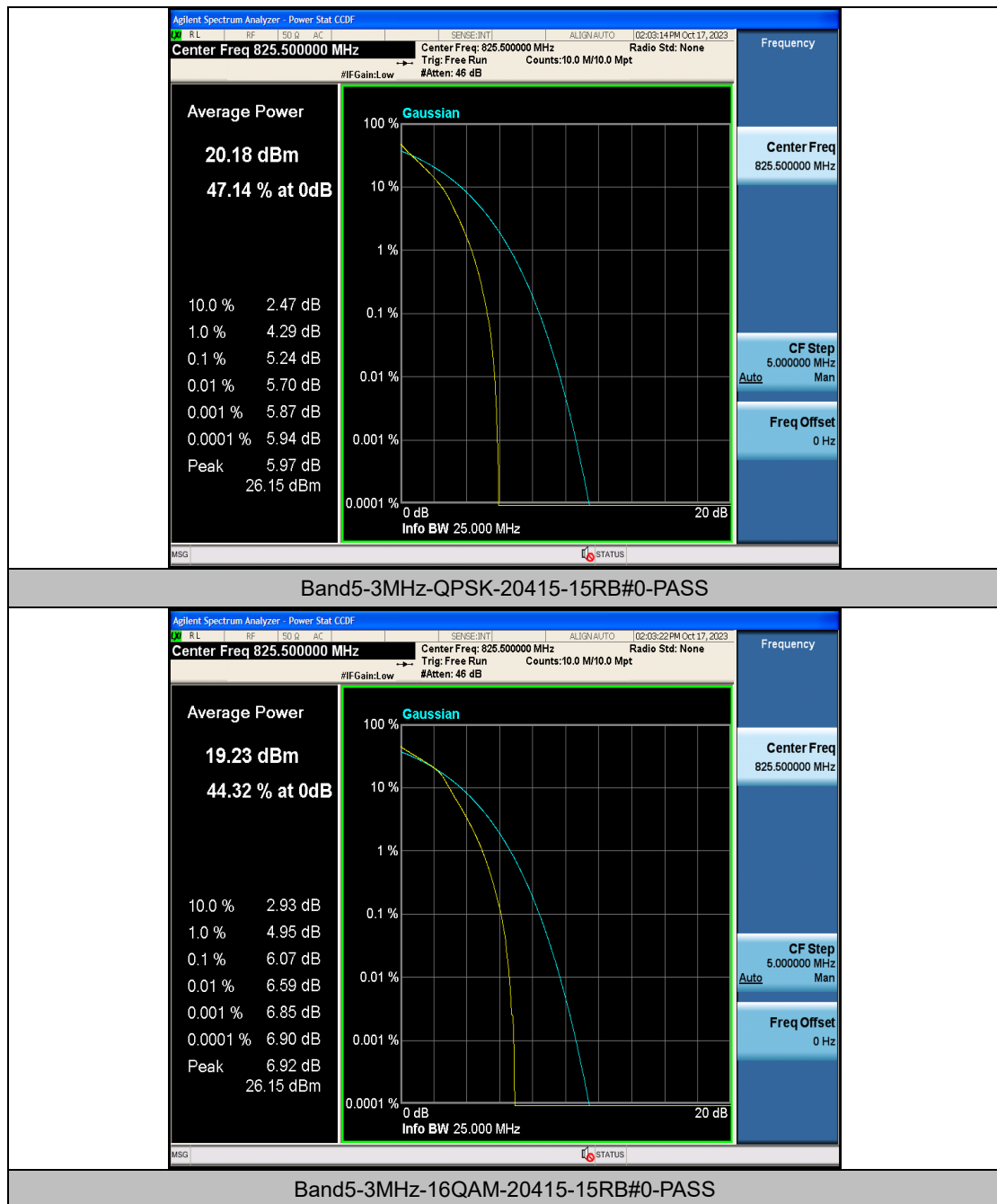
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.25	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.04	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.57	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.35	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.25	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.07	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.24	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	6.07	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	4.56	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.45	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.35	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.29	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.15	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.95	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.58	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.38	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.51	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.19	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	4.91	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.77	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.58	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.47	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.76	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.64	13	PASS

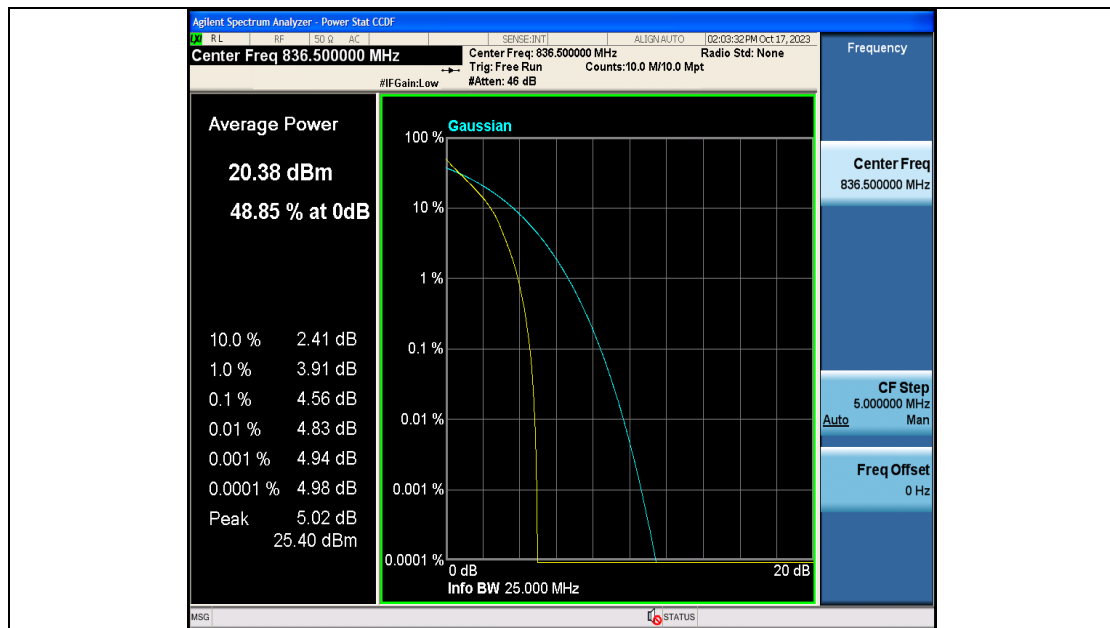
Test Graphs



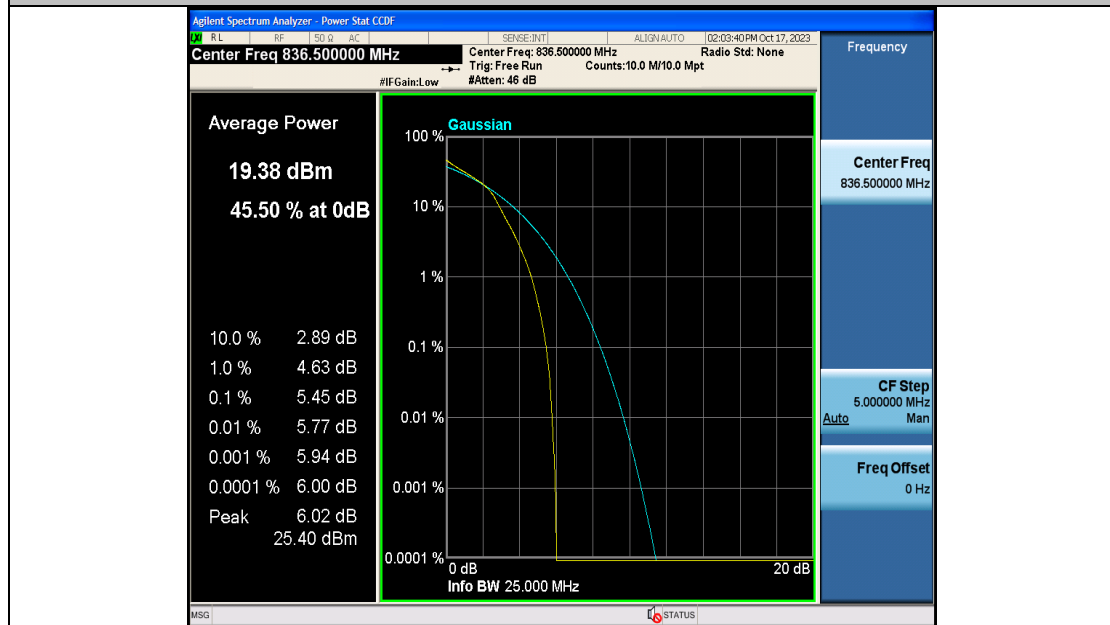




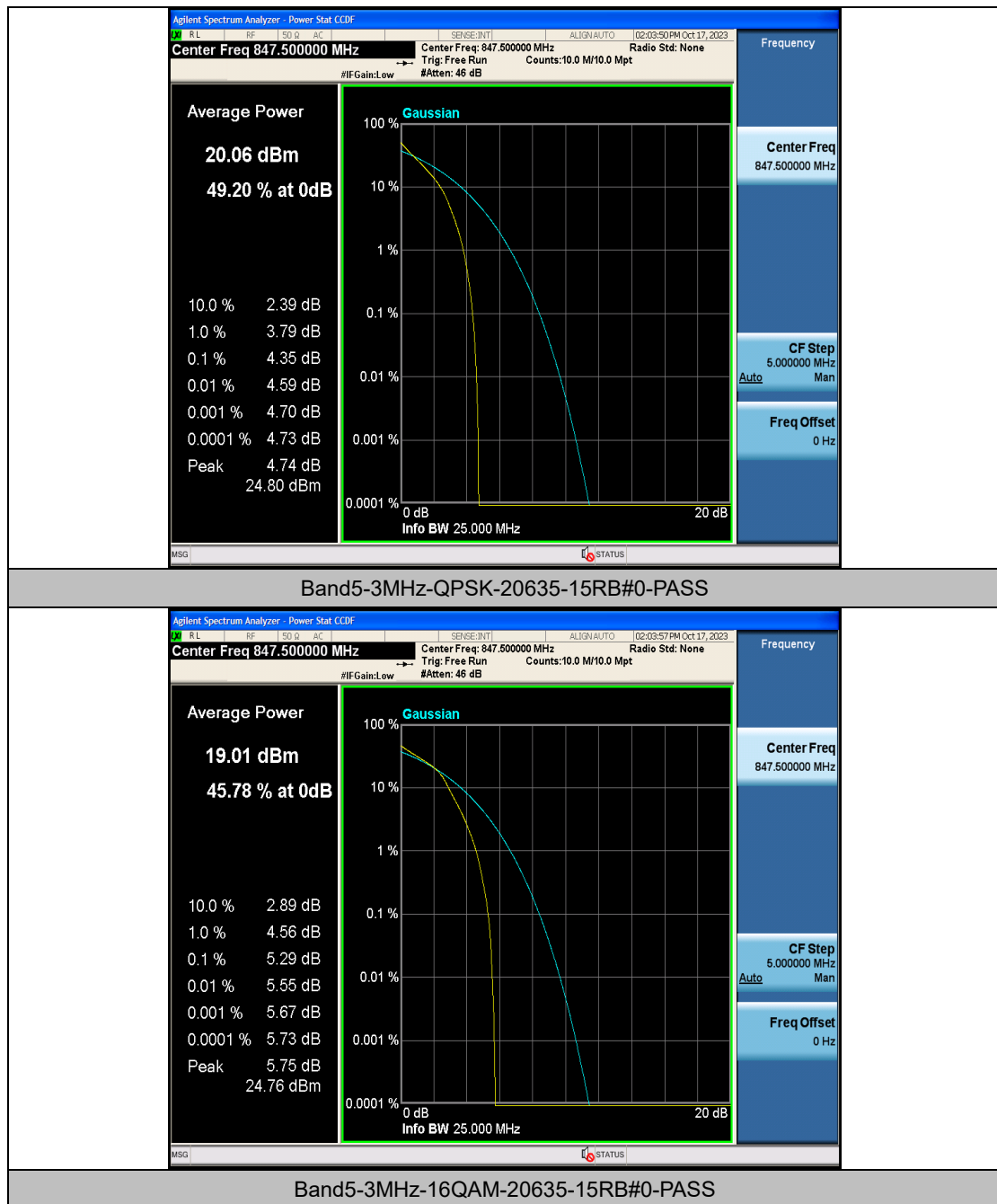


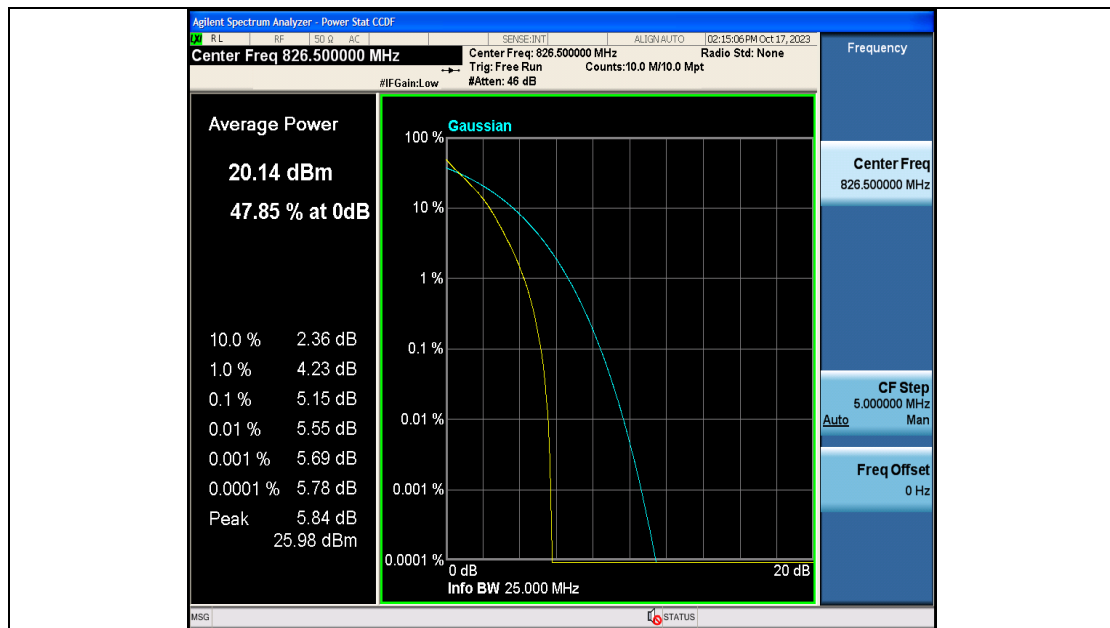


Band5-3MHz-QPSK-20525-15RB#0-PASS

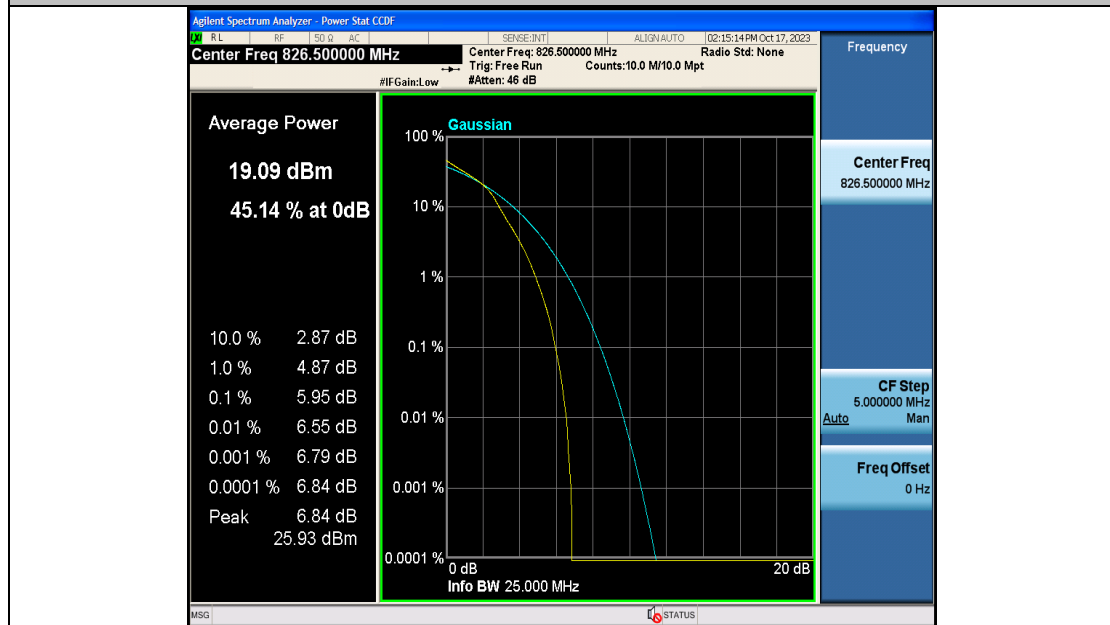


Band5-3MHz-16QAM-20525-15RB#0-PASS

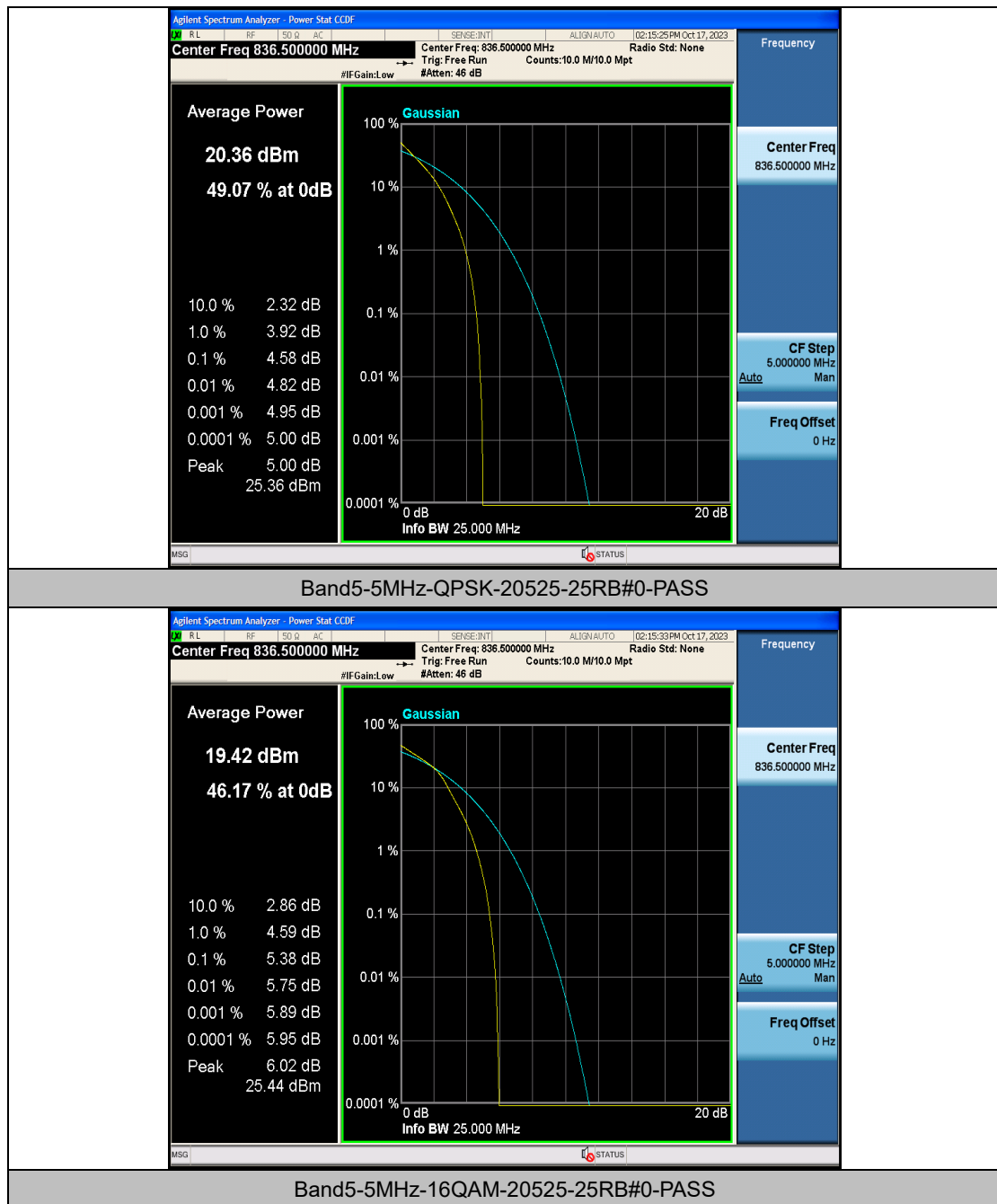


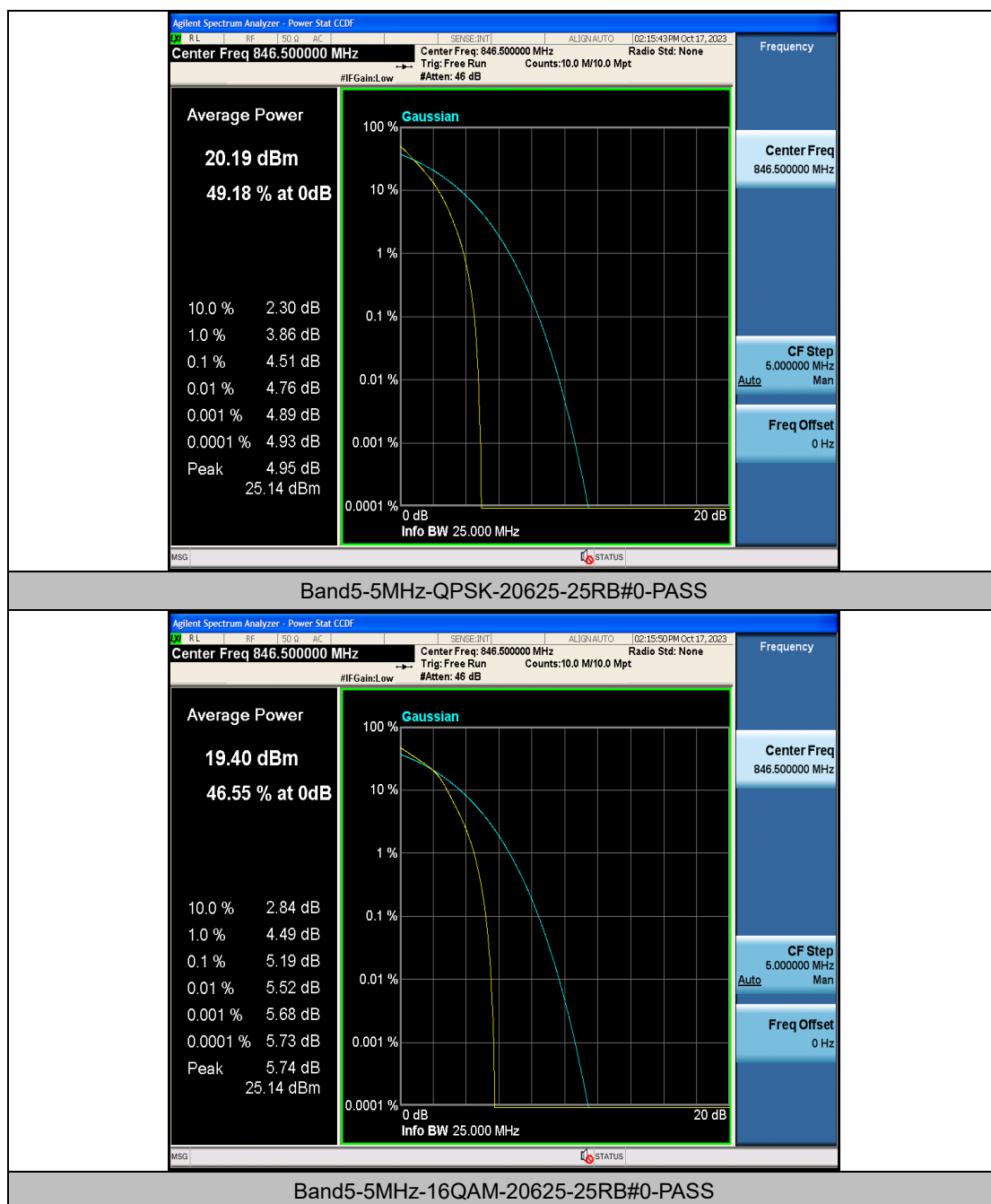


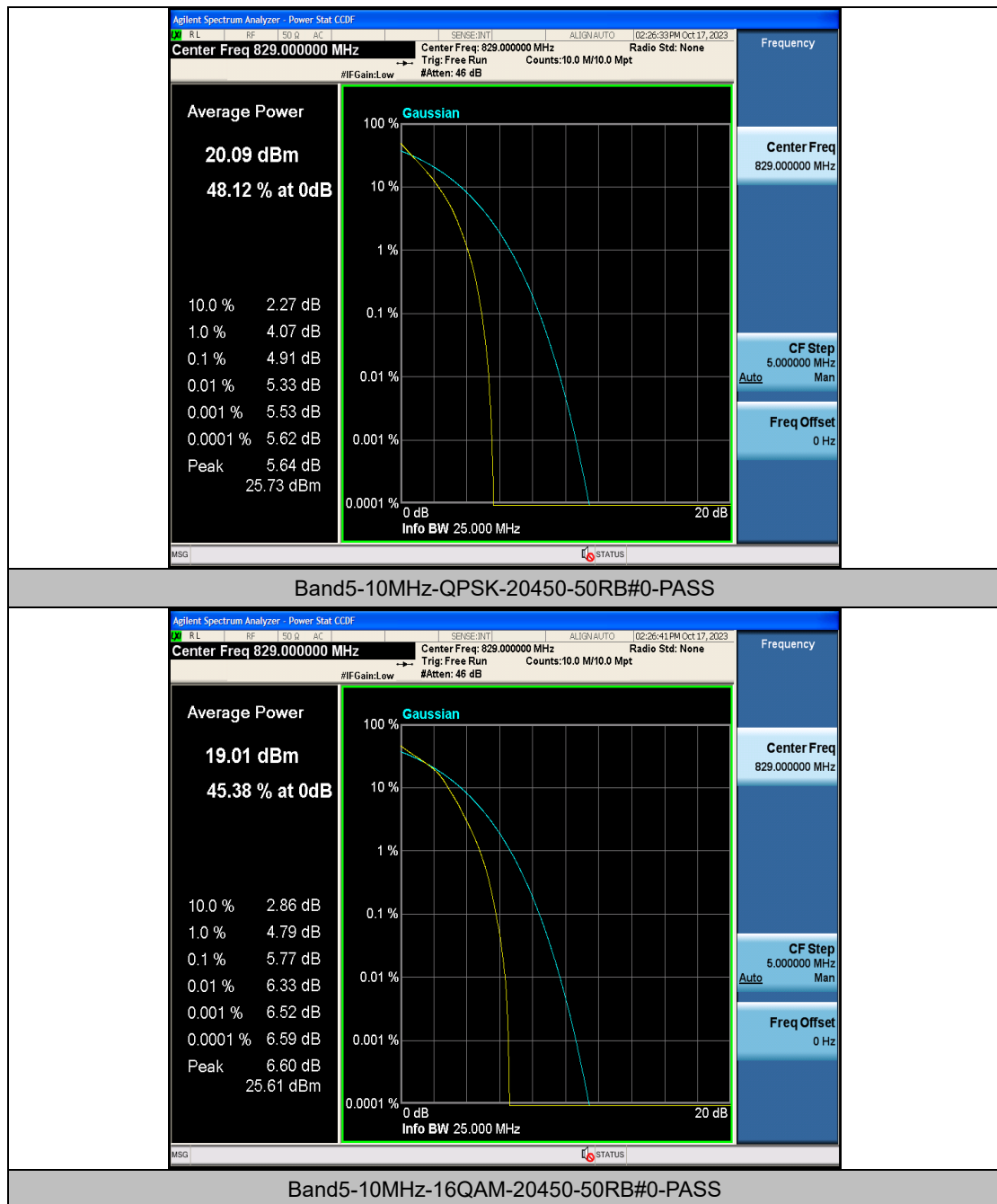
Band5-5MHz-QPSK-20425-25RB#0-PASS

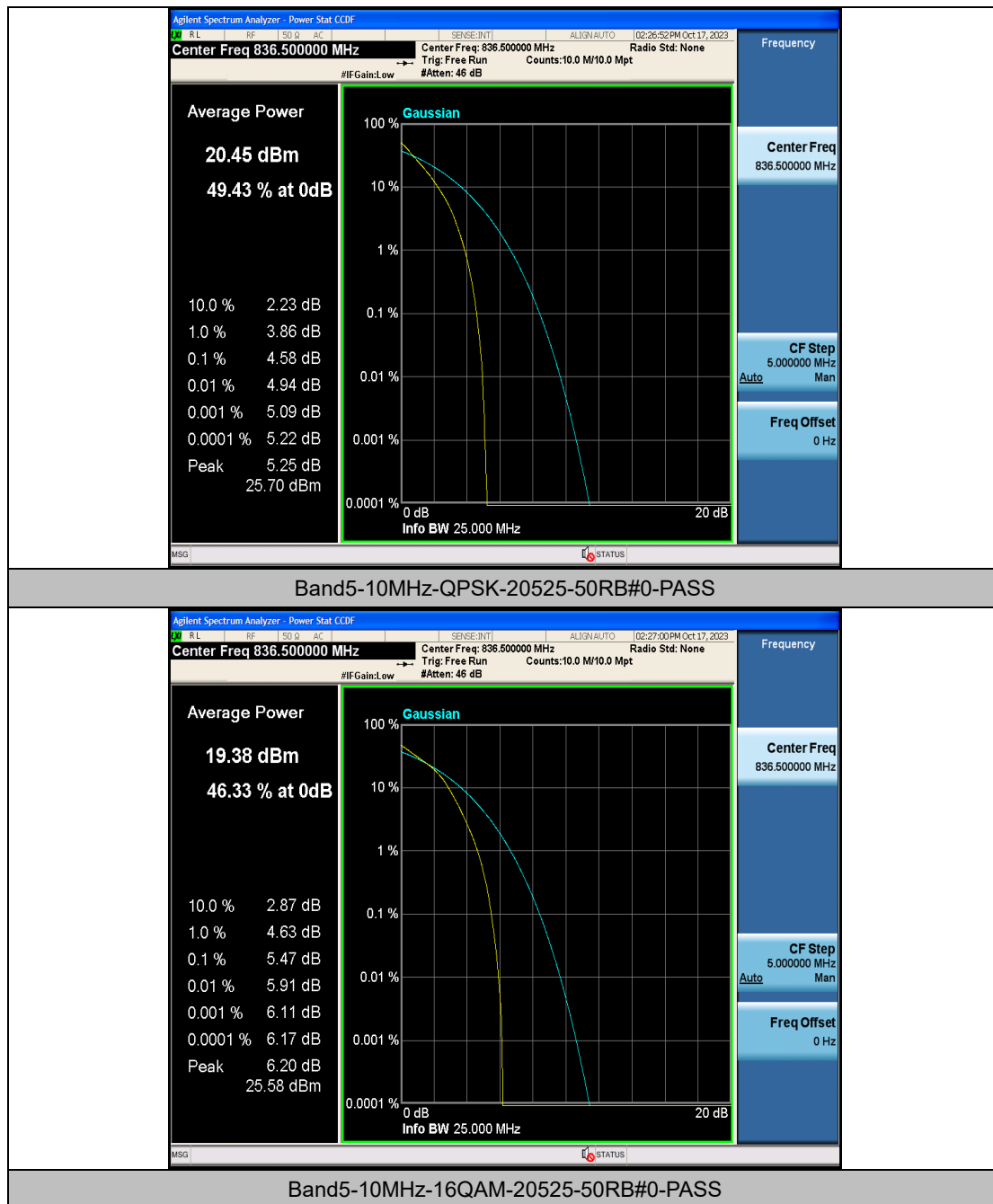


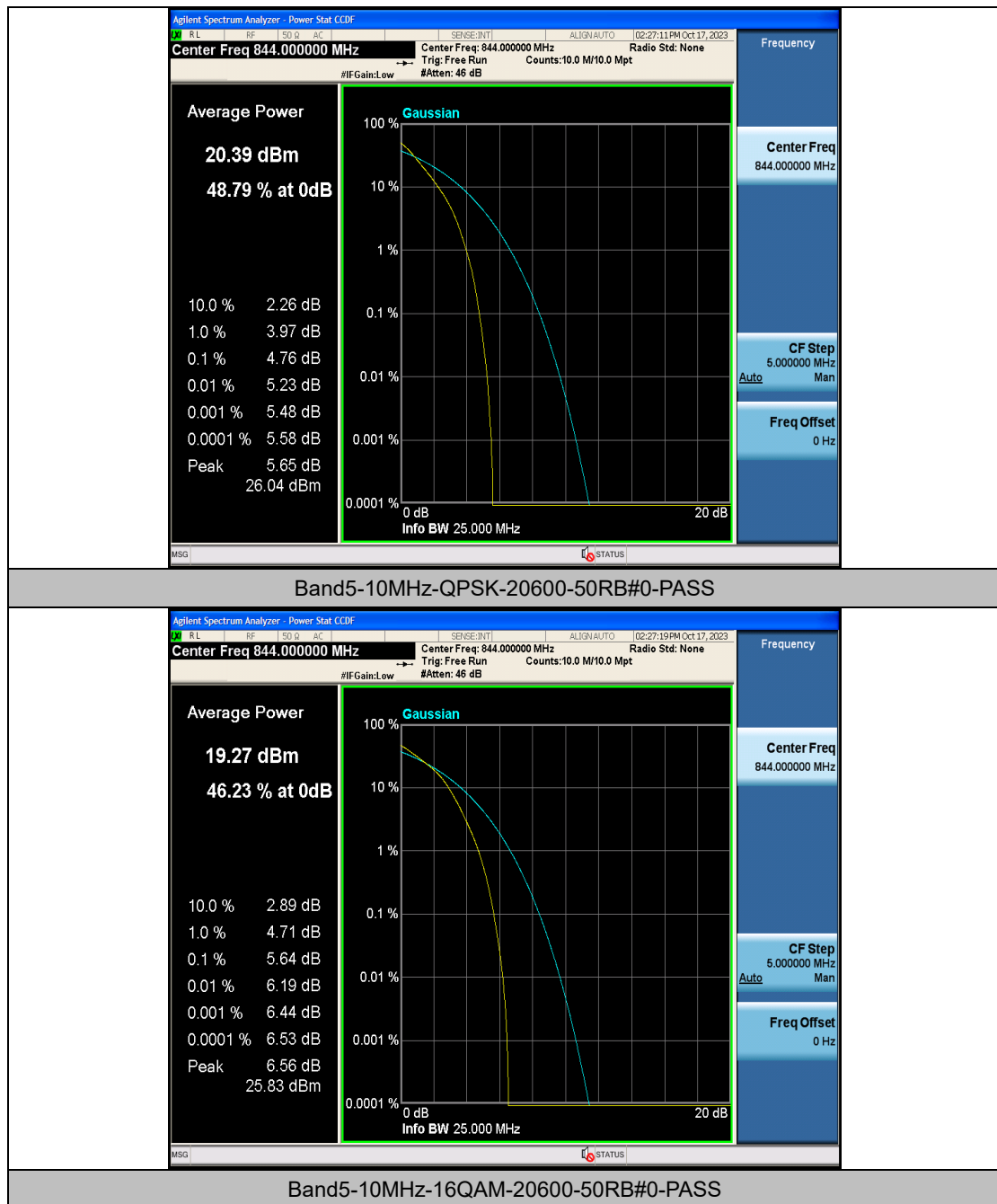
Band5-5MHz-16QAM-20425-25RB#0-PASS









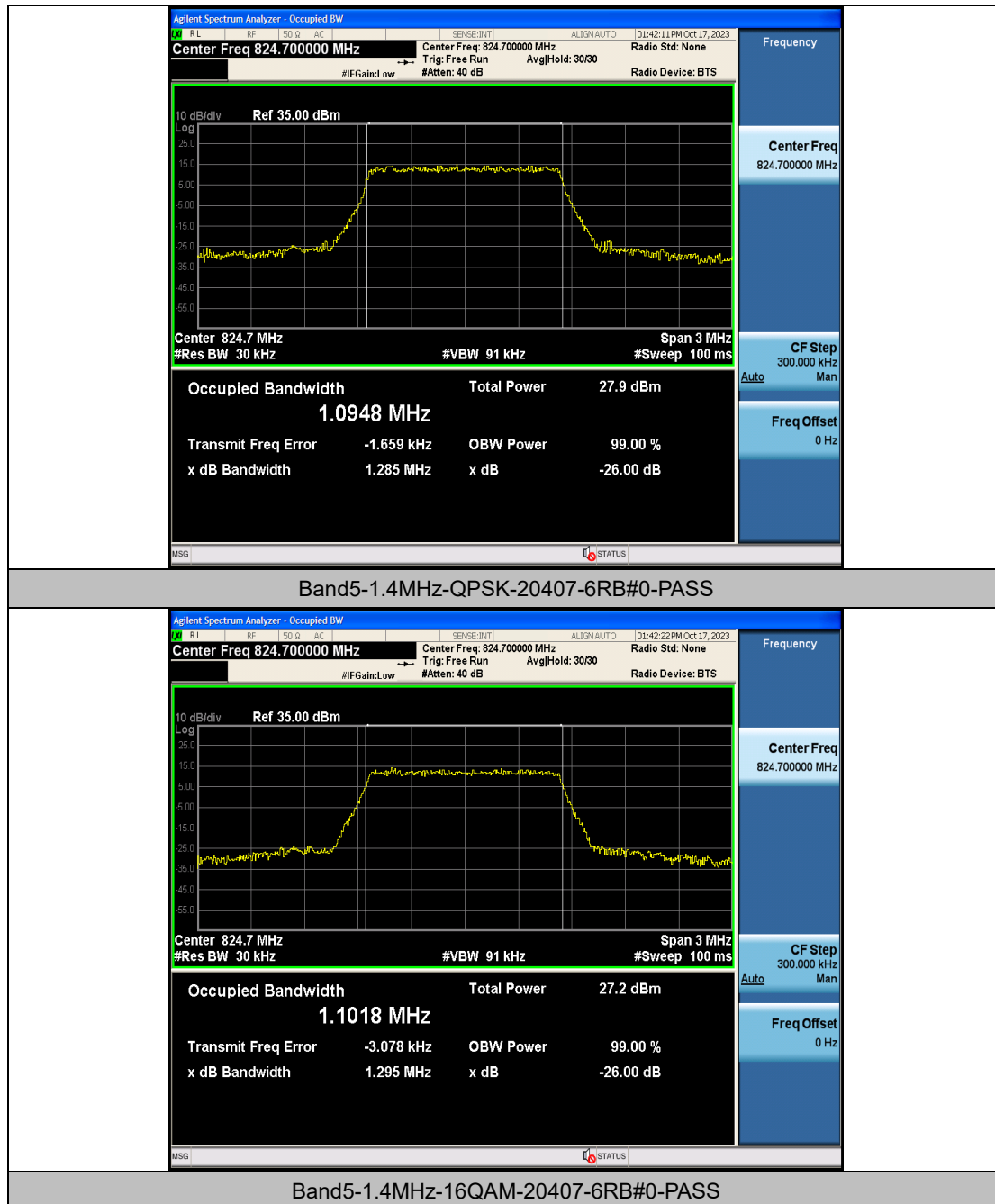


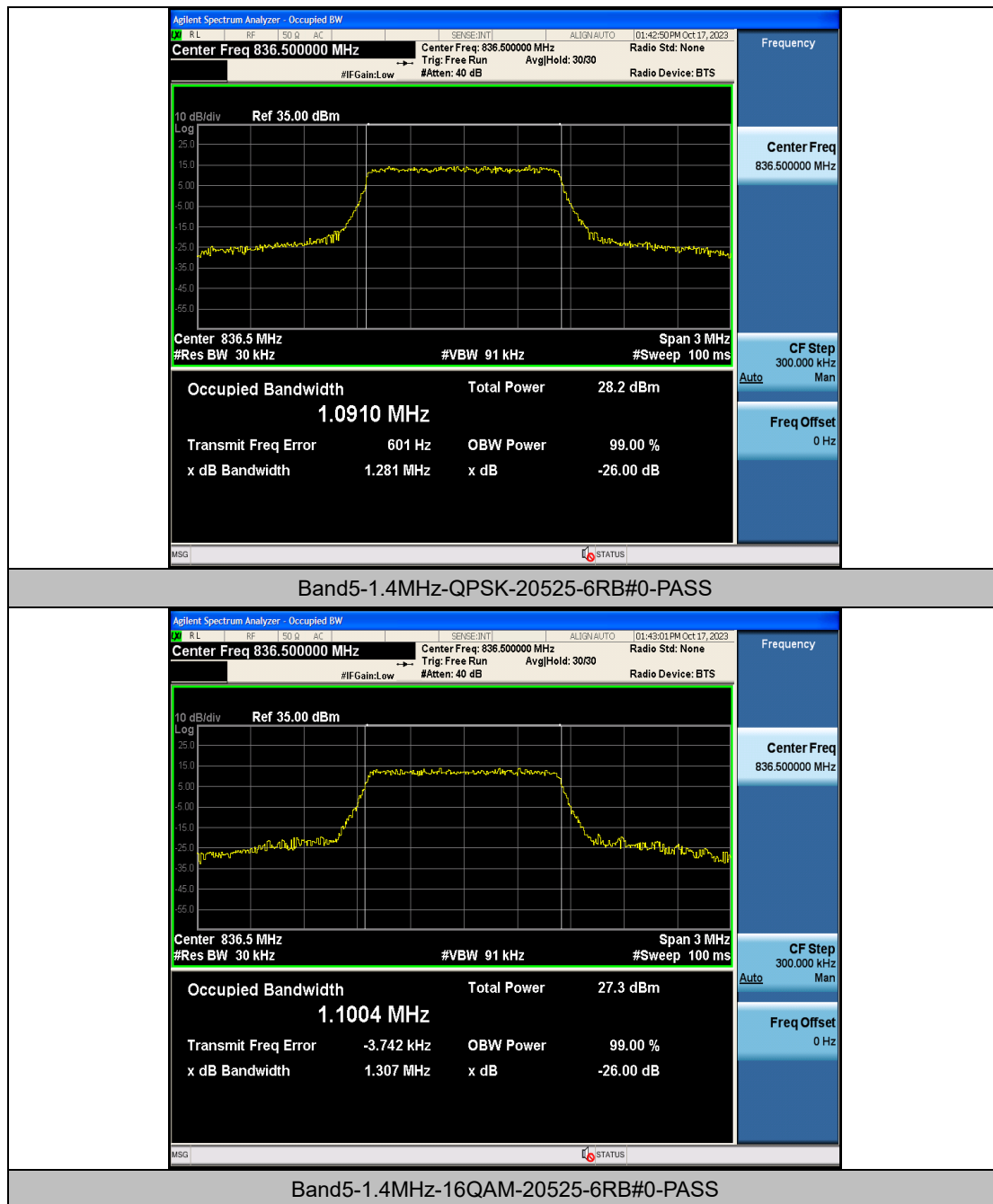
Appendix C: 26dB Bandwidth and Occupied Bandwidth

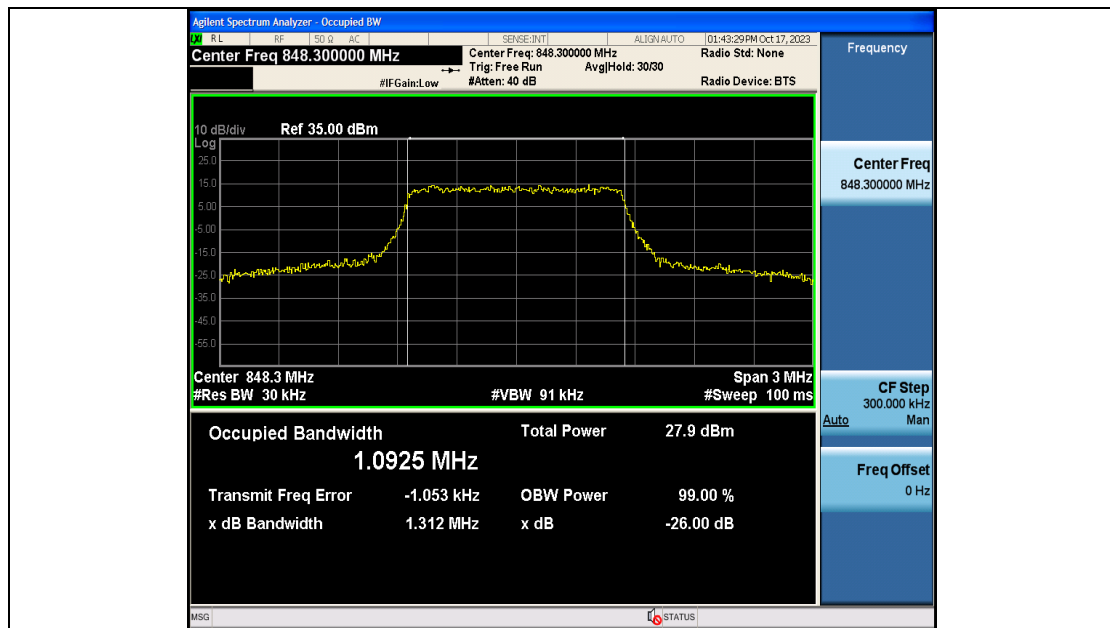
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0948	1.285	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1018	1.295	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0910	1.281	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1004	1.307	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0925	1.312	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1037	1.307	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7011	2.954	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6957	2.992	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7028	2.957	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6971	2.983	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7042	2.963	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6937	2.982	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5024	5.011	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4952	4.980	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5125	4.990	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4906	4.982	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5120	4.999	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.4926	4.991	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9911	9.990	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9642	9.871	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9593	9.952	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9616	9.791	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9901	9.977	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9890	9.829	PASS

Test Graphs



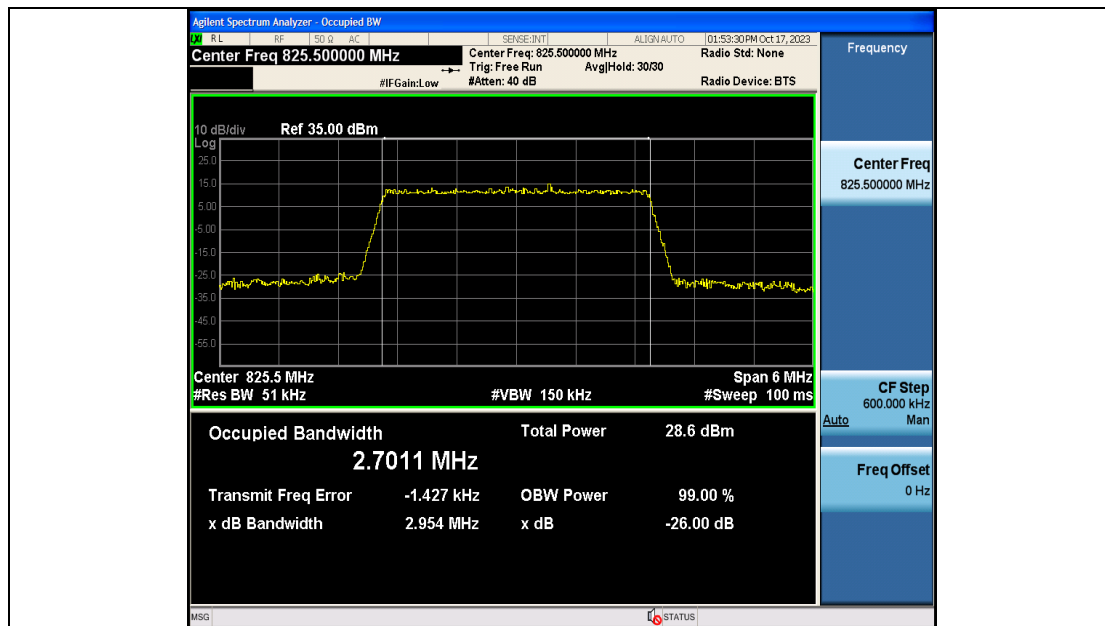




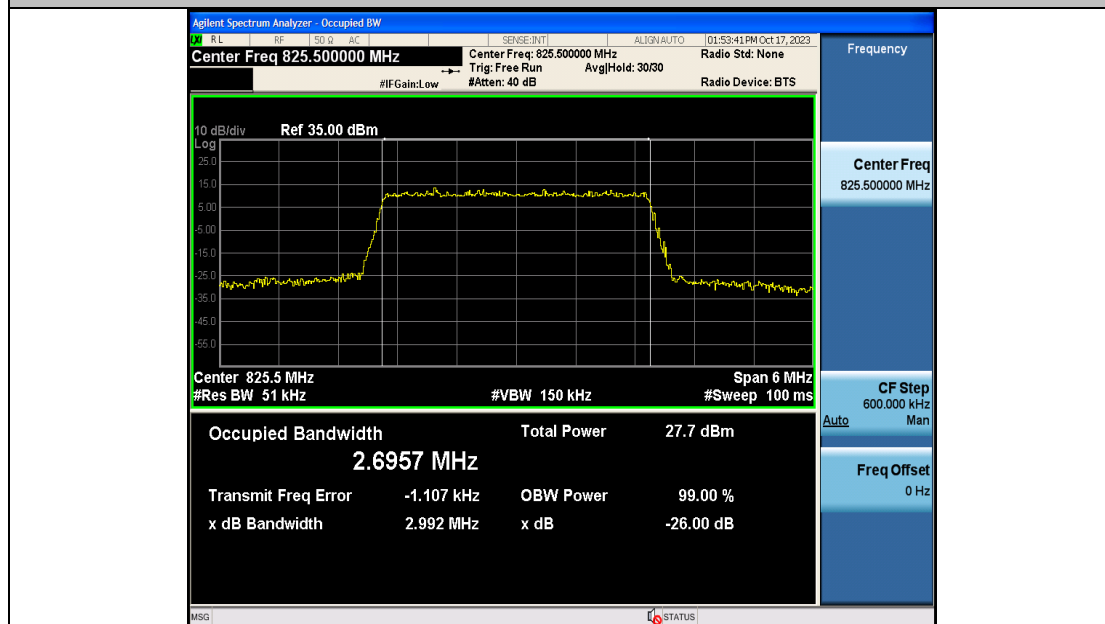
Band5-1.4MHz-QPSK-20643-6RB#0-PASS



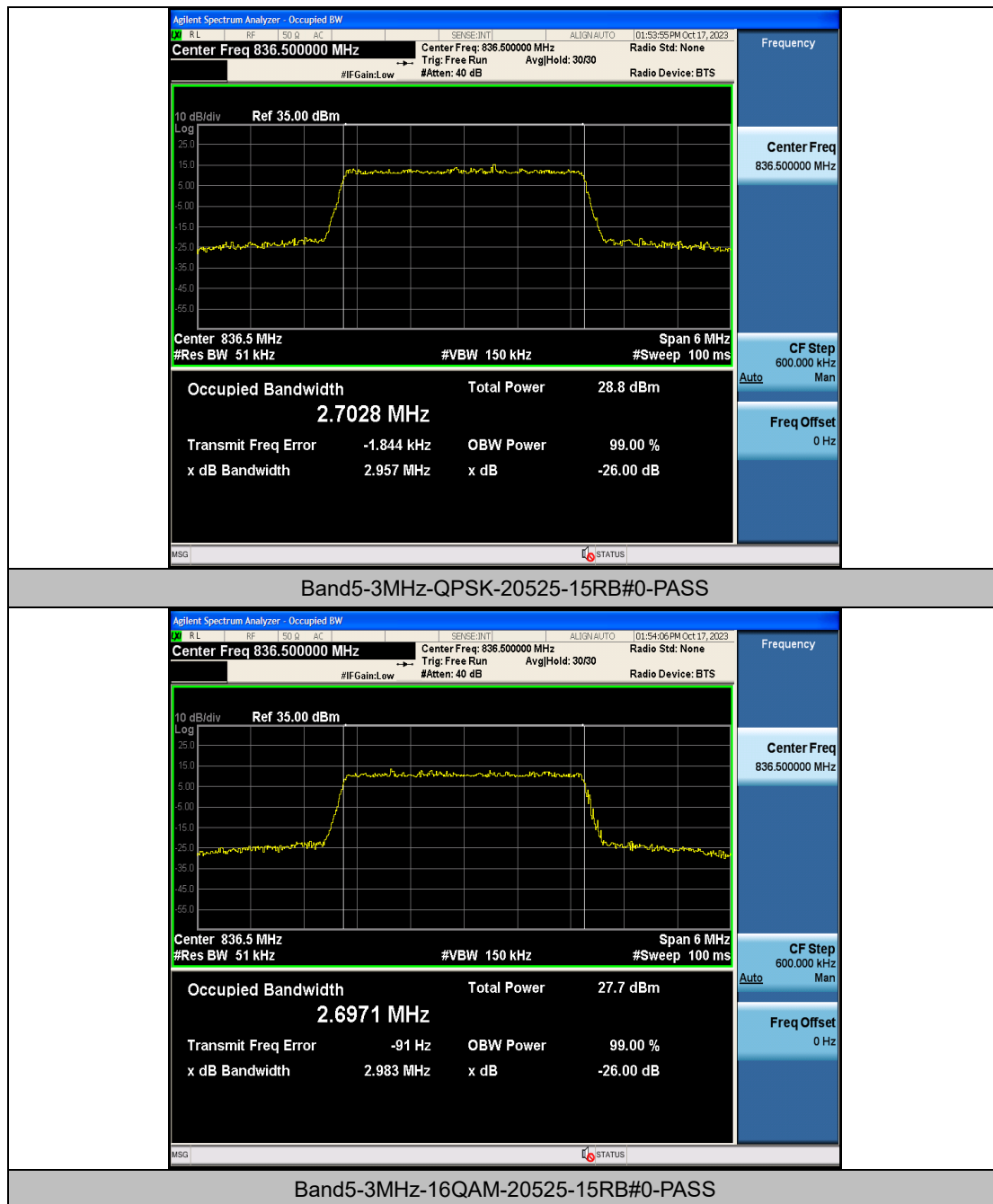
Band5-1.4MHz-16QAM-20643-6RB#0-PASS

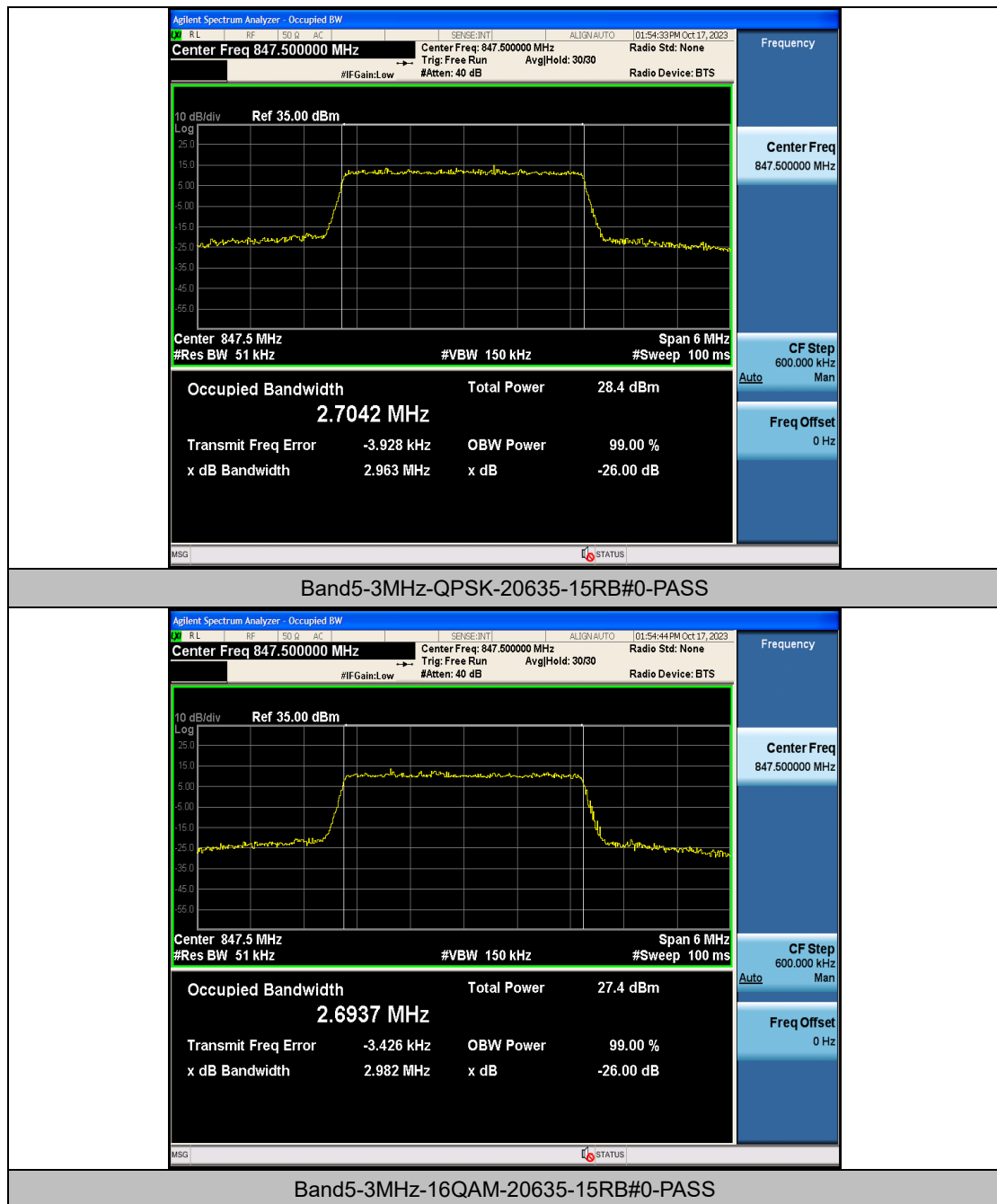


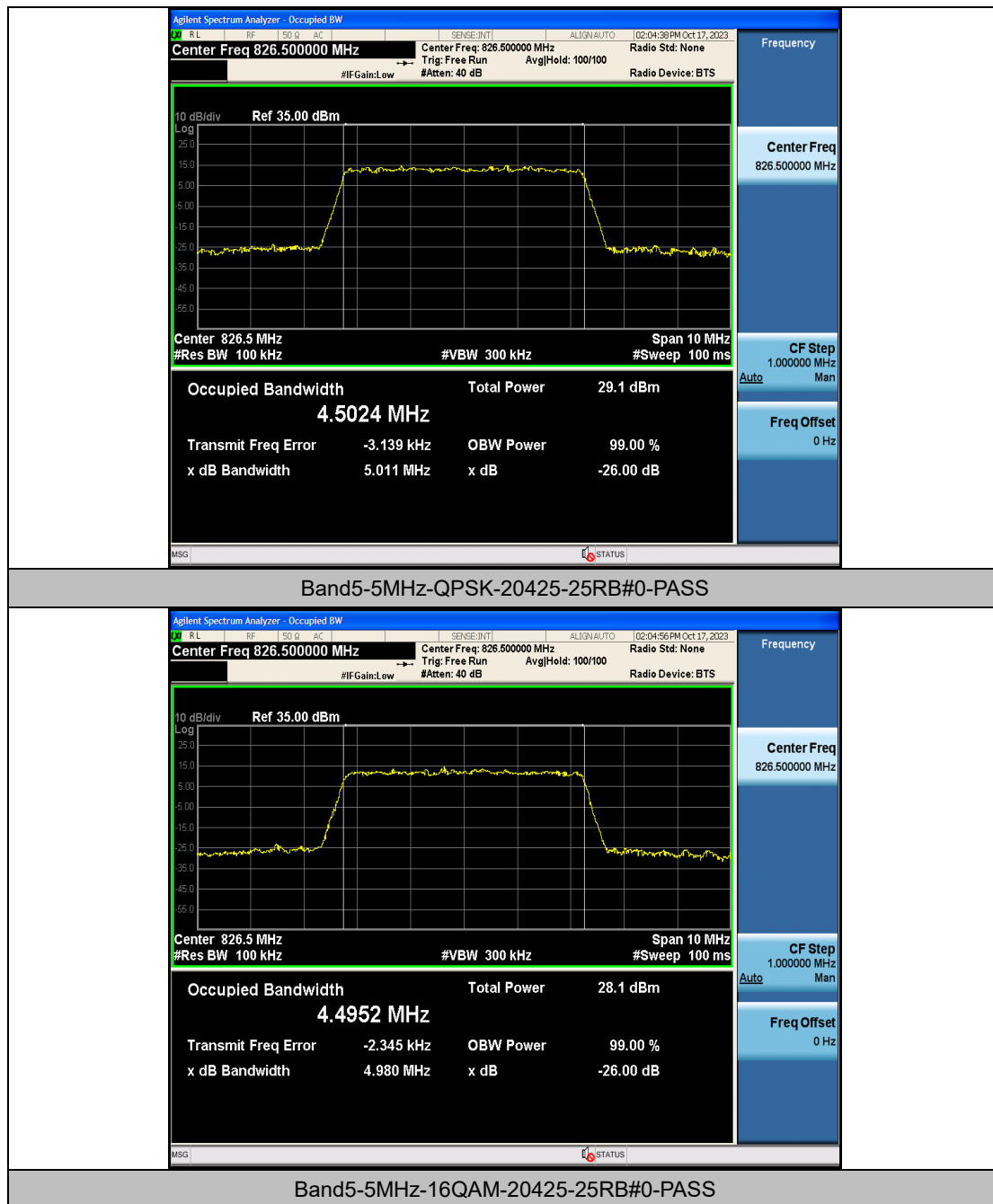
Band5-3MHz-QPSK-20415-15RB#0-PASS

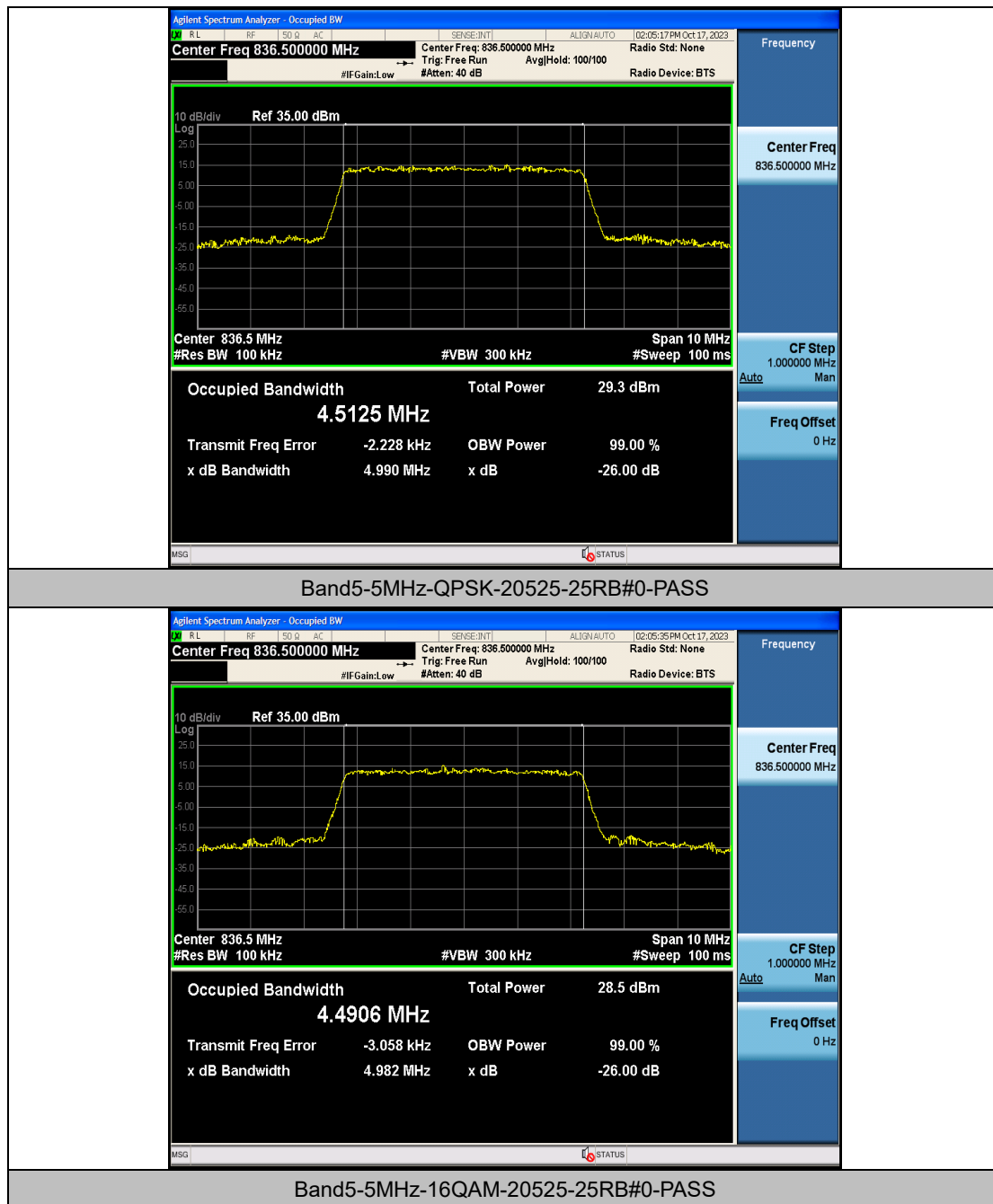


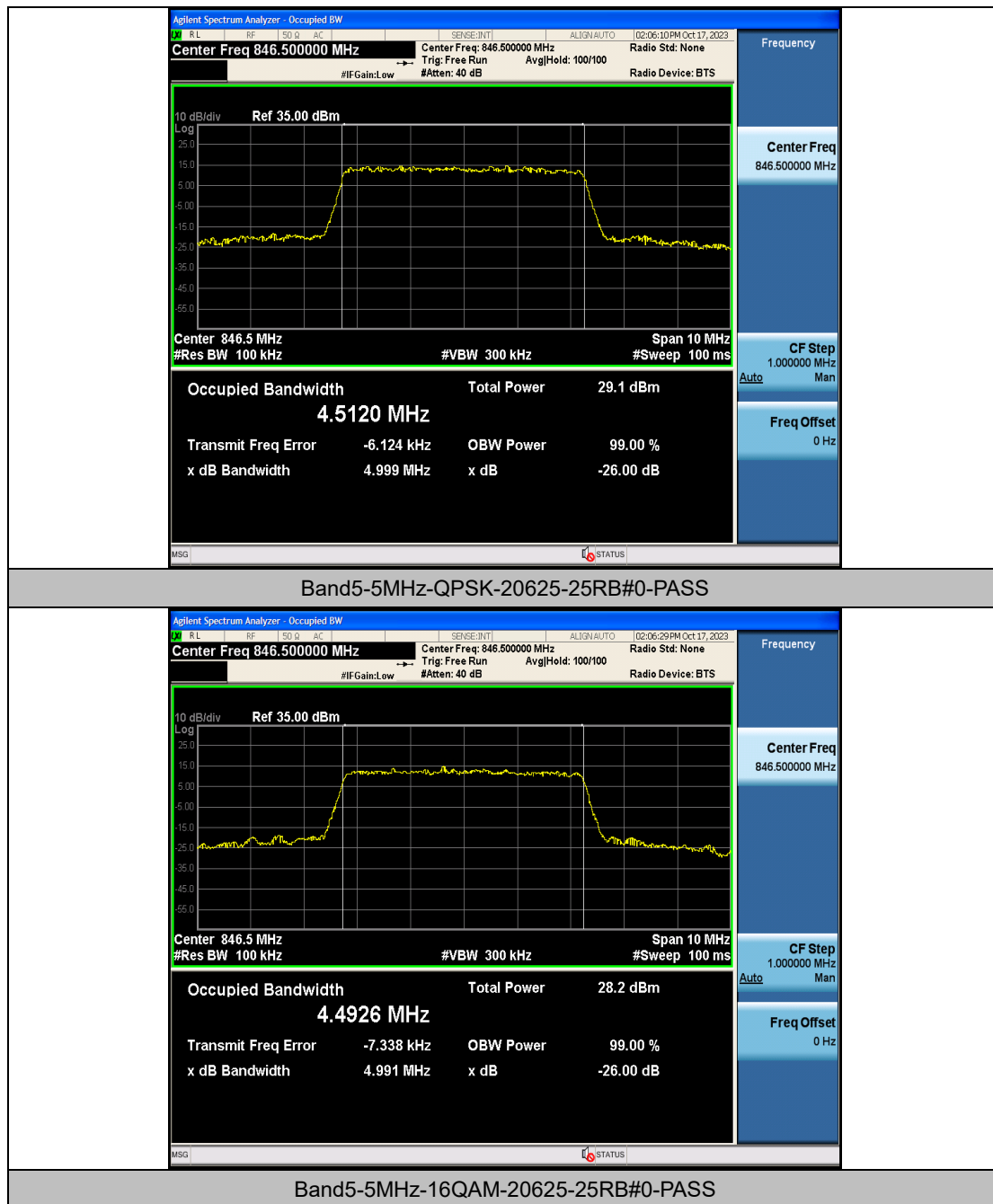
Band5-3MHz-16QAM-20415-15RB#0-PASS

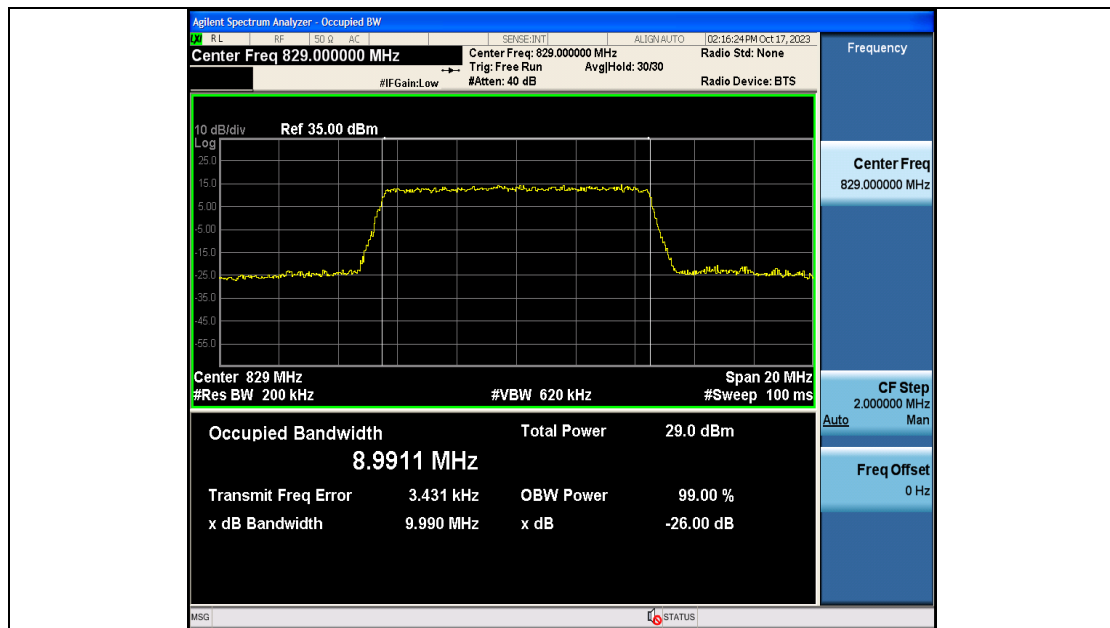








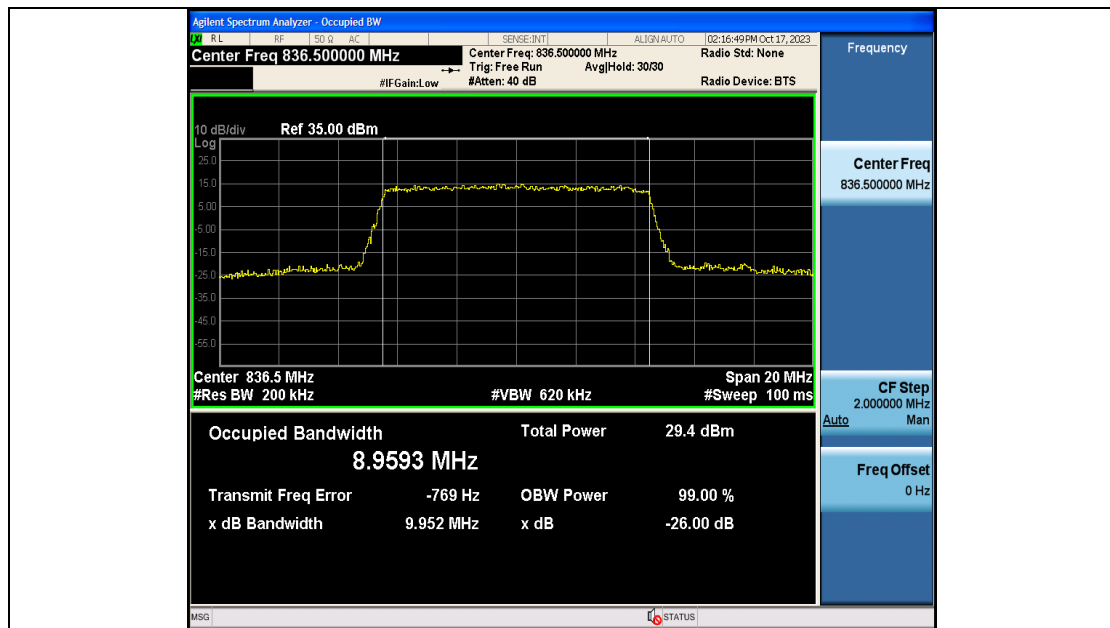




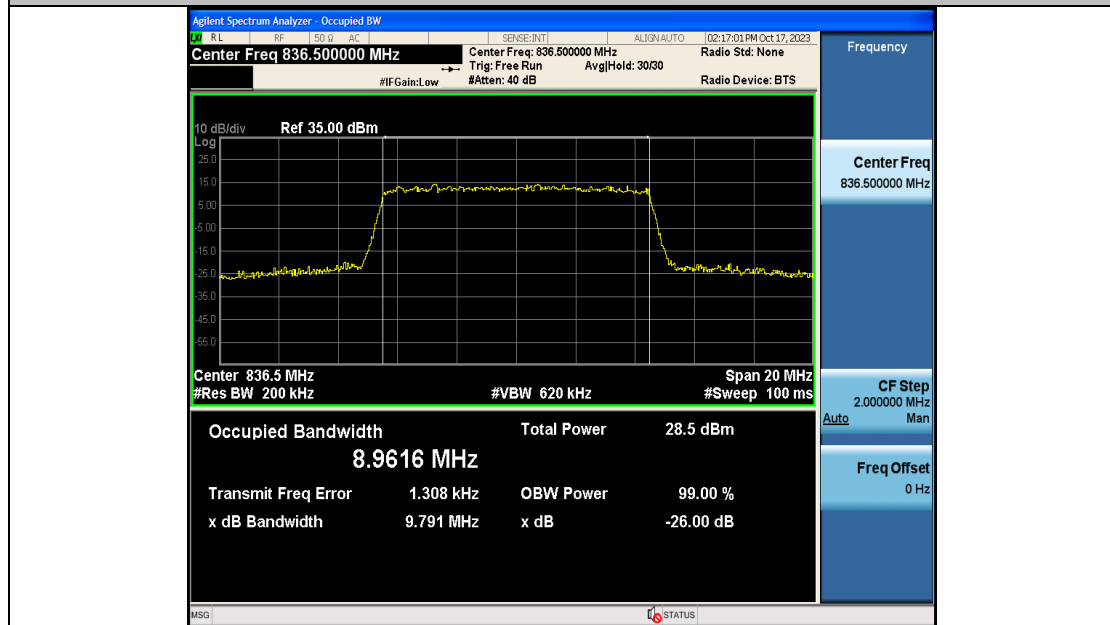
Band5-10MHz-QPSK-20450-50RB#0-PASS



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



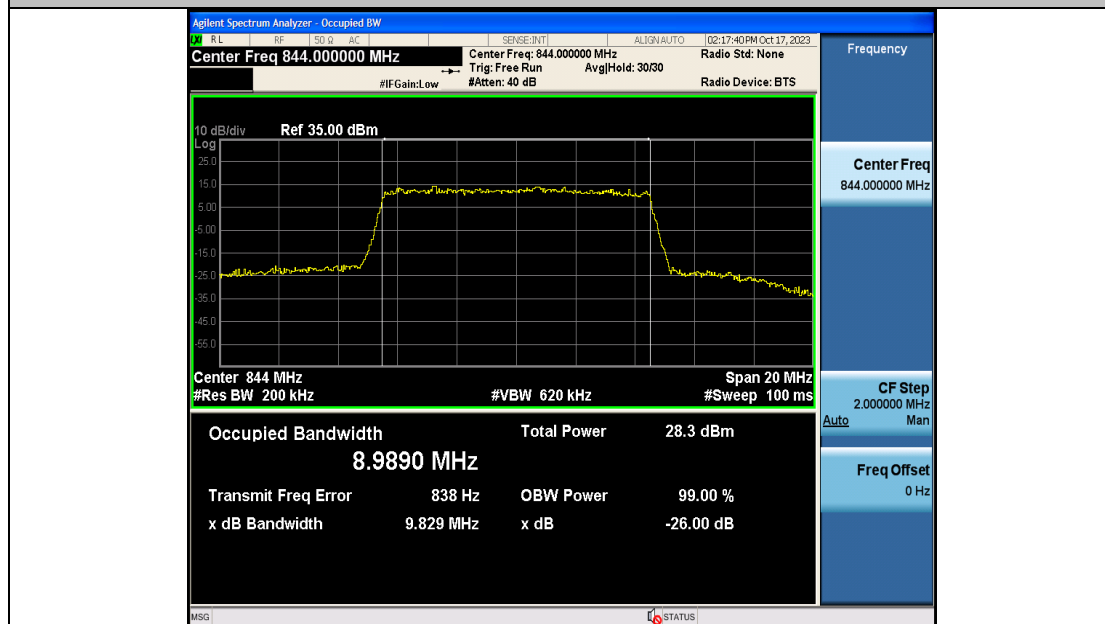
Band5-10MHz-QPSK-20525-50RB#0-PASS



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



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



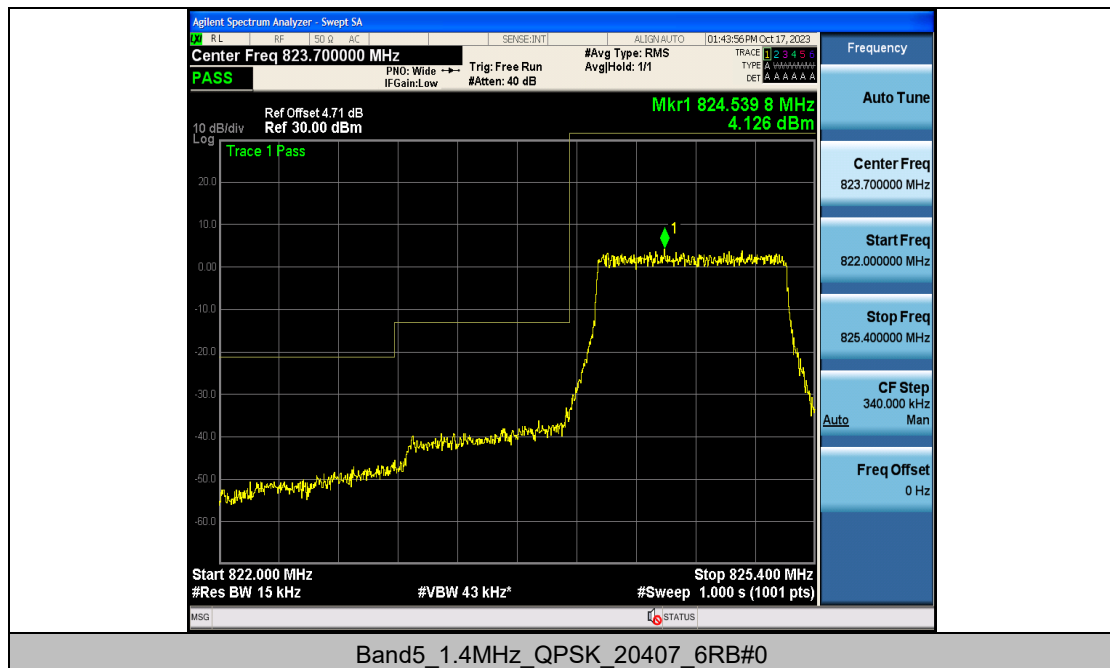
Band5-10MHz-16QAM-20600-50RB#0-PASS

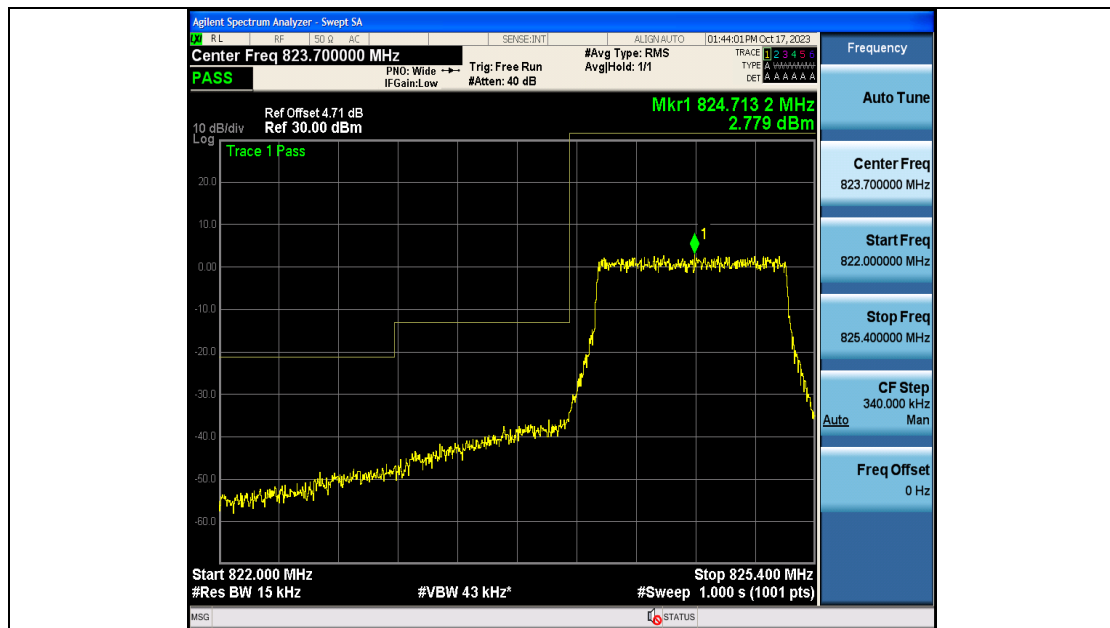
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-33.25	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-34.30	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-29.89	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-30.99	PASS
Band5	3MHz	QPSK	20415	15RB#0	-30.13	PASS
Band5	3MHz	16QAM	20415	15RB#0	-32.22	PASS
Band5	3MHz	QPSK	20635	15RB#0	-29.86	PASS
Band5	3MHz	16QAM	20635	15RB#0	-31.75	PASS
Band5	5MHz	QPSK	20425	25RB#0	-29.89	PASS
Band5	5MHz	16QAM	20425	25RB#0	-32.63	PASS
Band5	5MHz	QPSK	20625	25RB#0	-30.99	PASS
Band5	5MHz	16QAM	20625	25RB#0	-31.35	PASS
Band5	10MHz	QPSK	20450	50RB#0	-33.07	PASS
Band5	10MHz	16QAM	20450	50RB#0	-34.48	PASS
Band5	10MHz	QPSK	20600	50RB#0	-33.99	PASS
Band5	10MHz	16QAM	20600	50RB#0	-35.84	PASS

Test Graphs

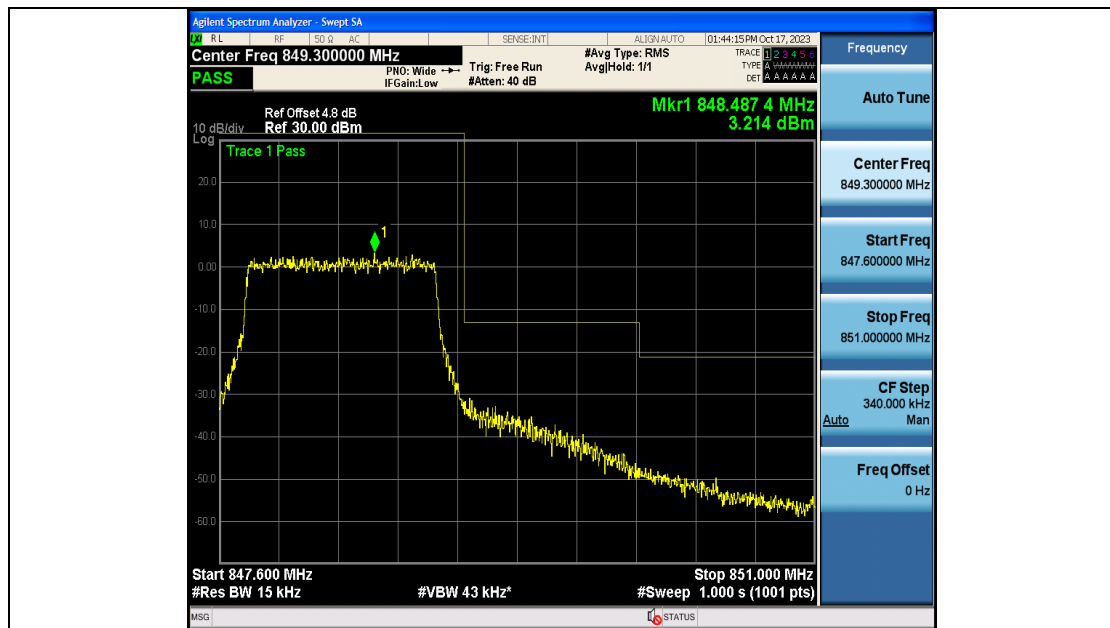




Band5_1.4MHz_16QAM_20407_6RB#0



Band5_1.4MHz_QPSK_20643_6RB#0



Band5_1.4MHz_16QAM_20643_6RB#0



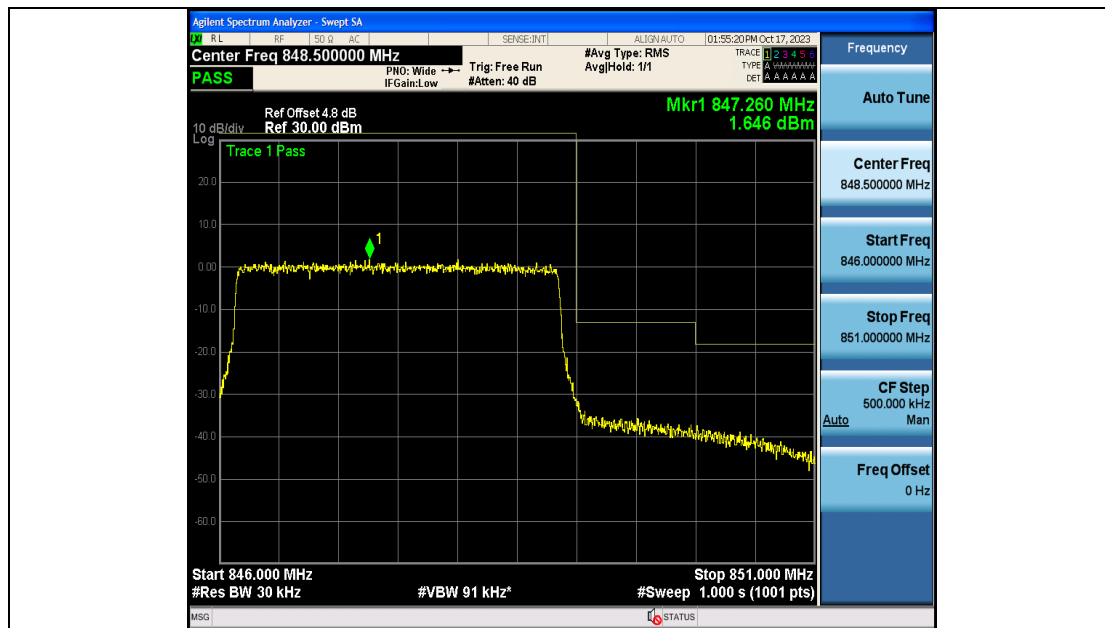
Band5_3MHz_QPSK_20415_15RB#0



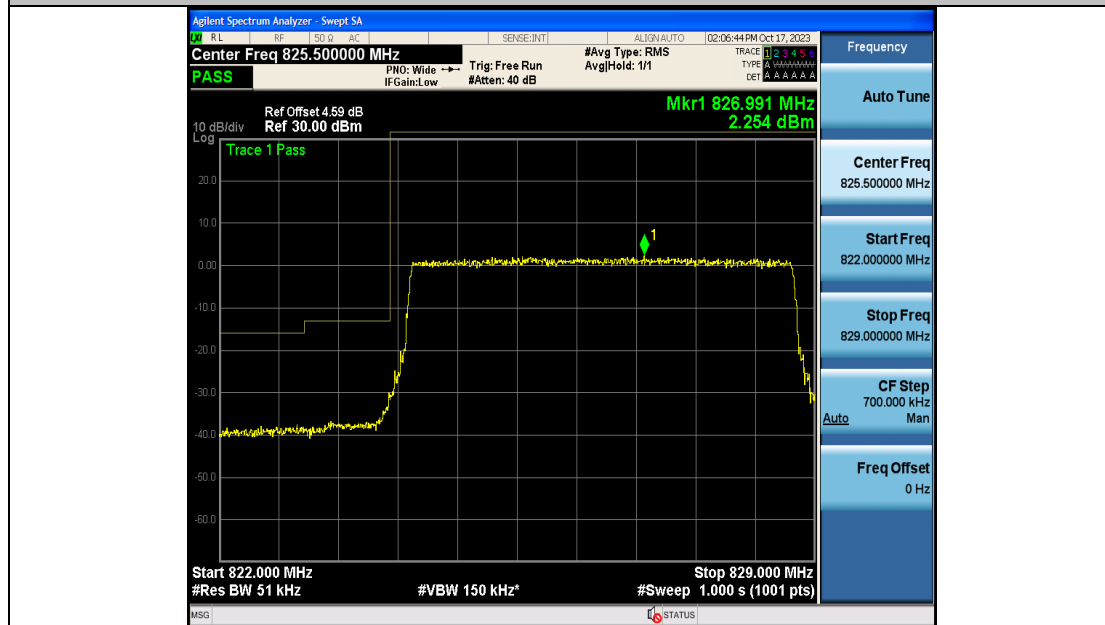
Band5_3MHz_16QAM_20415_15RB#0



Band5_3MHz_QPSK_20635_15RB#0



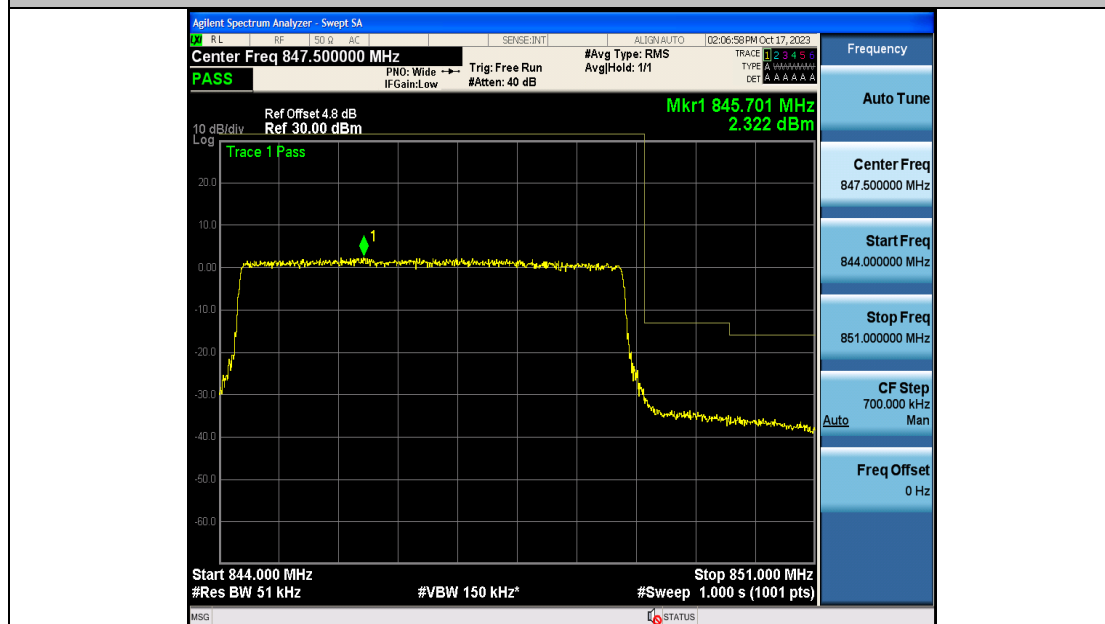
Band5_3MHz_16QAM_20635_15RB#0



Band5_5MHz_QPSK_20425_25RB#0



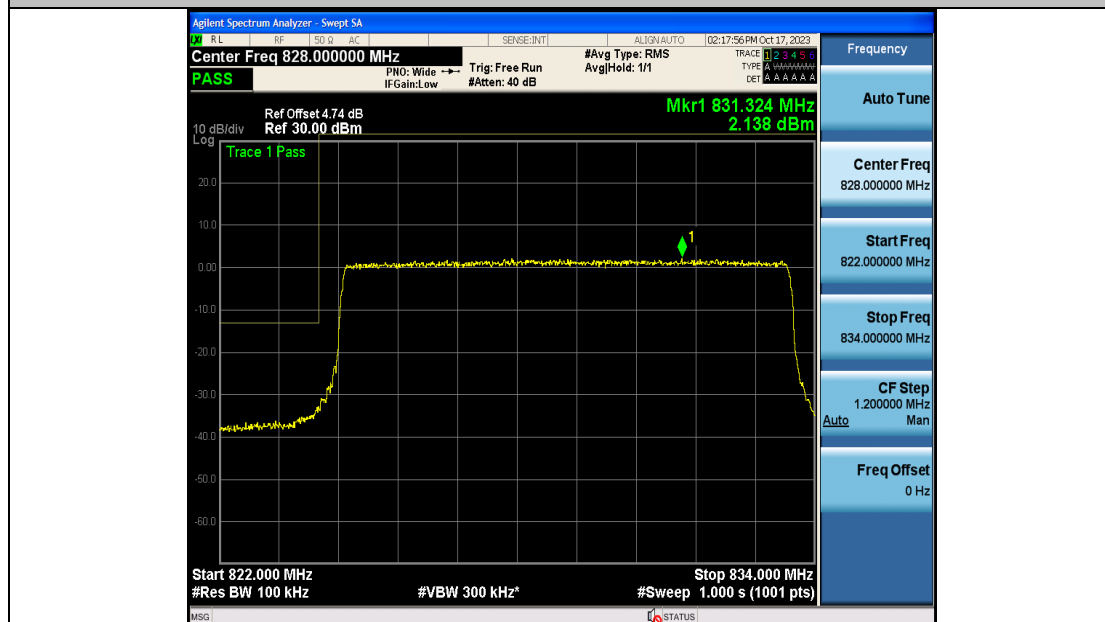
Band5_5MHz_16QAM_20425_25RB#0



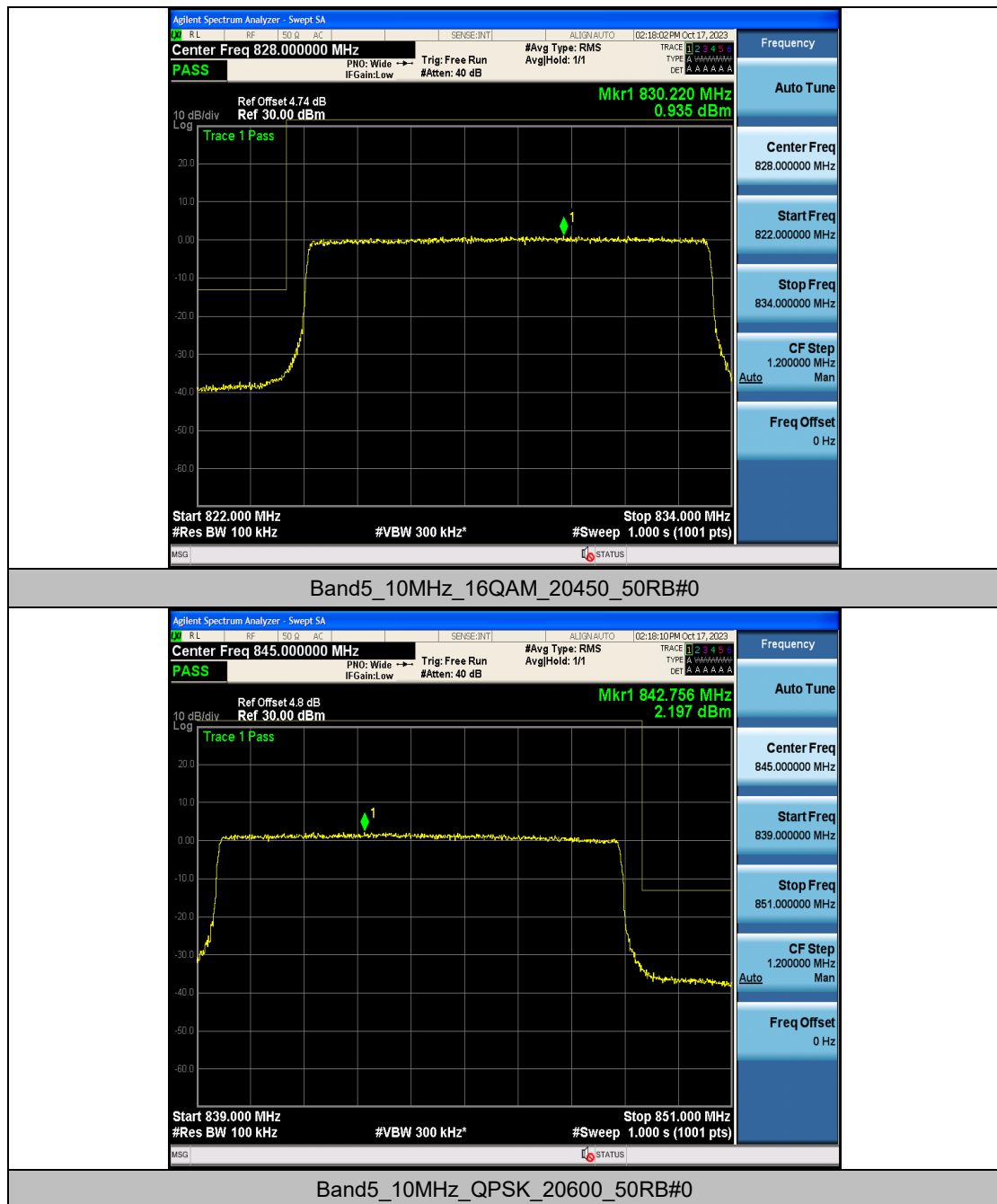
Band5_5MHz_QPSK_20625_25RB#0

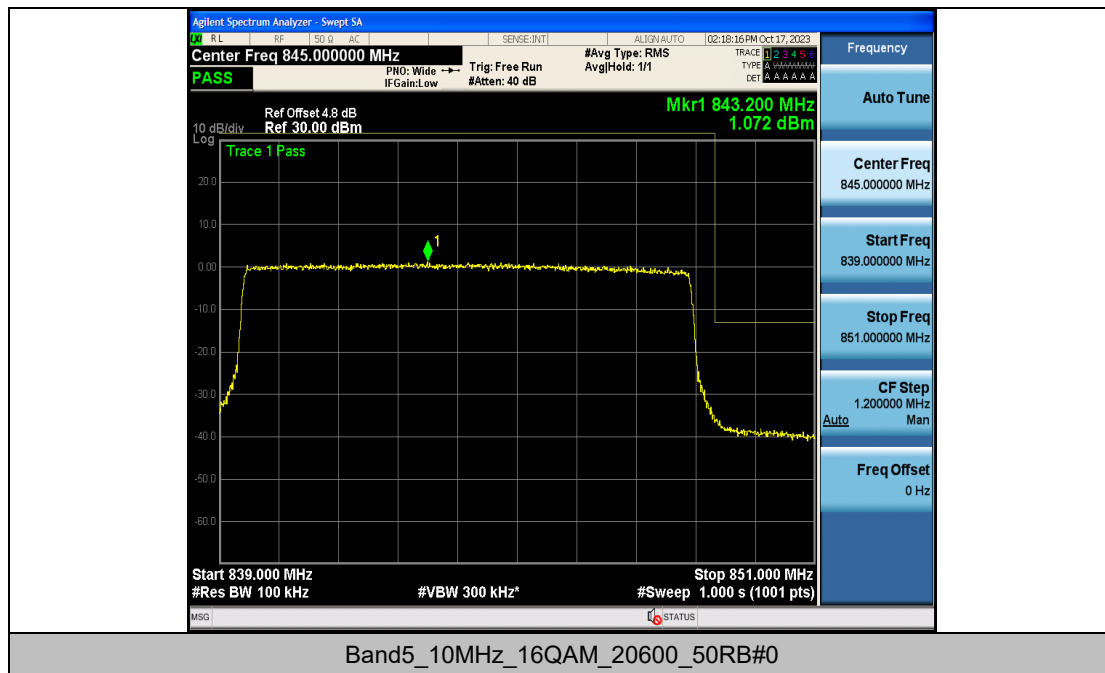


Band5_5MHz_16QAM_20625_25RB#0



Band5_10MHz_QPSK_20450_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	-47.53	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-56.19	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-49.62	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-49.85	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-50.20	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-45.82	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-58.94	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-51.52	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-50.93	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-50.27	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-46.62	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-59.21	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-54.52	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-50.34	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-50.32	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-46.27	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-57.94	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-55.31	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-50.81	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-49.96	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-47.06	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-56.75	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-50.09	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-50.94	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-50.26	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-50.64	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-59.46	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-52.44	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-51.82	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-50.17	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-50.80	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-57.78	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-51.62	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-52.60	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-50.20	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-46.19	PASS

Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-58.28	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-53.59	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-52.80	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-50.42	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-45.61	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-59.81	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-53.37	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-52.05	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-50.10	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-49.25	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-59.93	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-53.87	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-53.12	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-50.05	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-46.09	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-58.72	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-51.43	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-52.90	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-50.40	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-51.21	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-58.72	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-54.00	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-52.92	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-50.38	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-49.20	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-59.20	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-53.30	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-52.95	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-50.25	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-48.46	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-57.78	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-55.15	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-52.87	PASS
Band5	5MHz	16QAM	20425	25RB#0	3000~10000	-50.14	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-49.23	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-60.83	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-54.92	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-52.87	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-50.31	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.009~0.15	-46.52	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.15~30	-59.70	PASS
Band5	5MHz	16QAM	20525	25RB#0	30~1000	-57.12	PASS
Band5	5MHz	16QAM	20525	25RB#0	1000~3000	-52.64	PASS

Band5	5MHz	16QAM	20525	25RB#0	3000~10000	-50.33	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-46.07	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-56.49	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-53.62	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-52.92	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-50.16	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.009~0.15	-49.47	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.15~30	-56.82	PASS
Band5	5MHz	16QAM	20625	25RB#0	30~1000	-55.39	PASS
Band5	5MHz	16QAM	20625	25RB#0	1000~3000	-52.66	PASS
Band5	5MHz	16QAM	20625	25RB#0	3000~10000	-50.09	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.009~0.15	-47.06	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.15~30	-60.94	PASS
Band5	10MHz	QPSK	20450	50RB#0	30~1000	-62.51	PASS
Band5	10MHz	QPSK	20450	50RB#0	1000~3000	-52.58	PASS
Band5	10MHz	QPSK	20450	50RB#0	3000~10000	-49.87	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.009~0.15	-46.11	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.15~30	-58.17	PASS
Band5	10MHz	16QAM	20450	50RB#0	30~1000	-63.96	PASS
Band5	10MHz	16QAM	20450	50RB#0	1000~3000	-52.57	PASS
Band5	10MHz	16QAM	20450	50RB#0	3000~10000	-50.48	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.009~0.15	-47.07	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.15~30	-59.42	PASS
Band5	10MHz	QPSK	20525	50RB#0	30~1000	-58.17	PASS
Band5	10MHz	QPSK	20525	50RB#0	1000~3000	-52.56	PASS
Band5	10MHz	QPSK	20525	50RB#0	3000~10000	-50.40	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.009~0.15	-46.66	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.15~30	-59.57	PASS
Band5	10MHz	16QAM	20525	50RB#0	30~1000	-60.06	PASS
Band5	10MHz	16QAM	20525	50RB#0	1000~3000	-52.90	PASS
Band5	10MHz	16QAM	20525	50RB#0	3000~10000	-50.24	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.009~0.15	-49.05	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.15~30	-59.02	PASS
Band5	10MHz	QPSK	20600	50RB#0	30~1000	-56.27	PASS
Band5	10MHz	QPSK	20600	50RB#0	1000~3000	-52.94	PASS
Band5	10MHz	QPSK	20600	50RB#0	3000~10000	-50.07	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.009~0.15	-46.69	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.15~30	-57.56	PASS
Band5	10MHz	16QAM	20600	50RB#0	30~1000	-58.11	PASS
Band5	10MHz	16QAM	20600	50RB#0	1000~3000	-52.89	PASS
Band5	10MHz	16QAM	20600	50RB#0	3000~10000	-50.31	PASS

Test Graphs

