

FCC LTE Band Test Data

FCC ID : 2A35K-DL5PRO

Company: : Shenzhen Mytron Technology Limited

EUT : LTE smart phone

Model Number : Digicel DL5 Pro

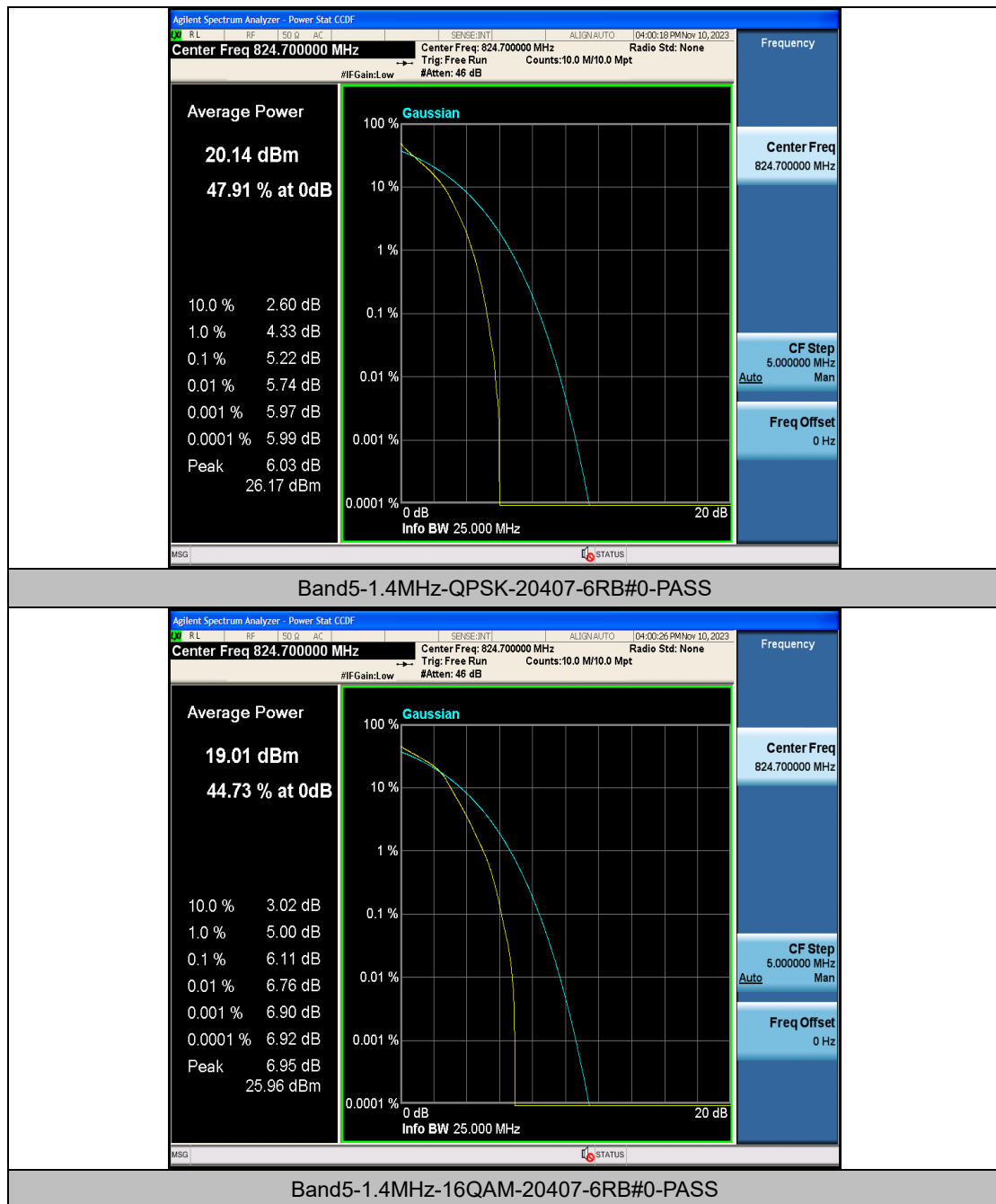
Reviewed By : Eric Wang

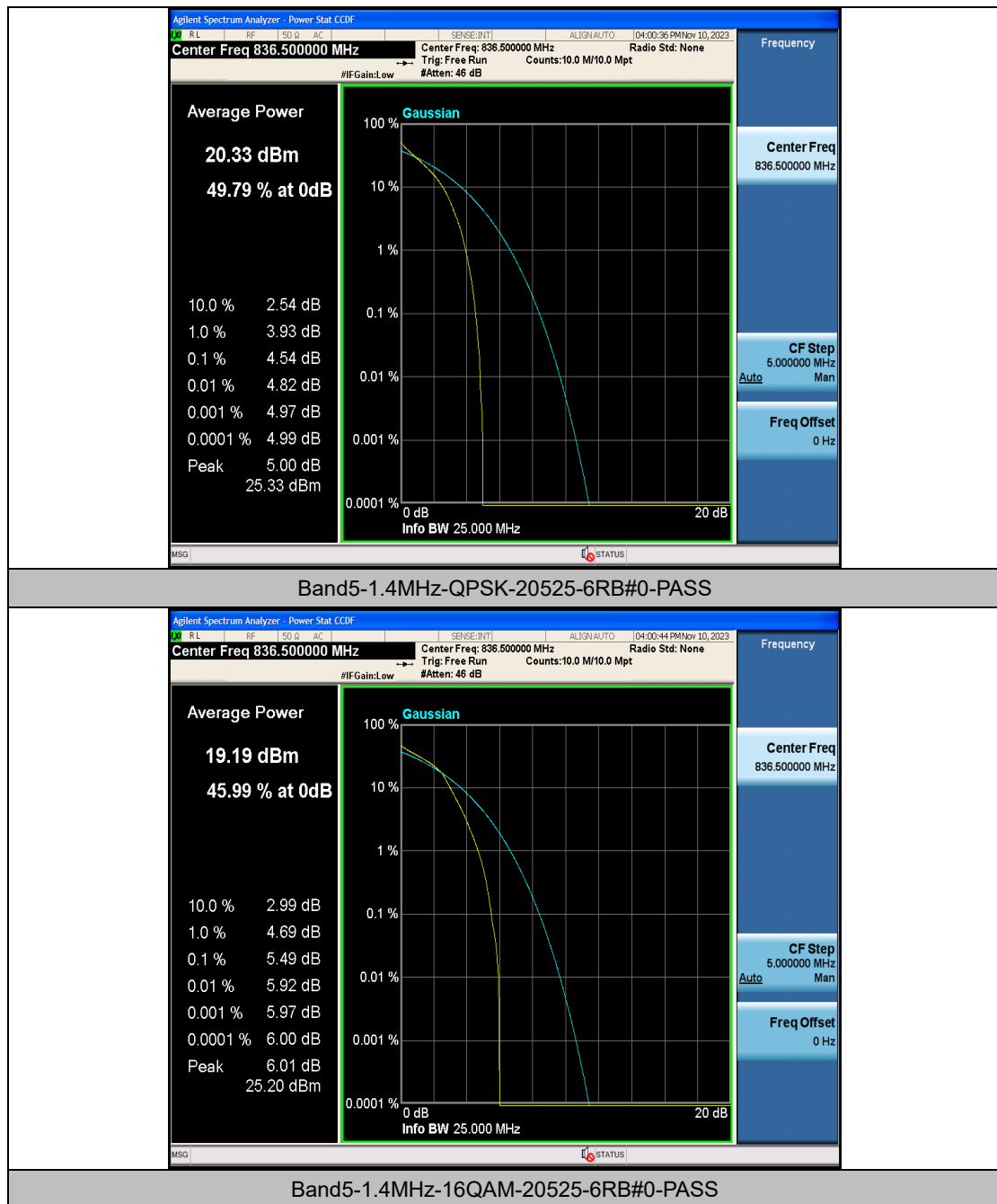
Appendix B: Peak-to-Average Ratio(CCDF)

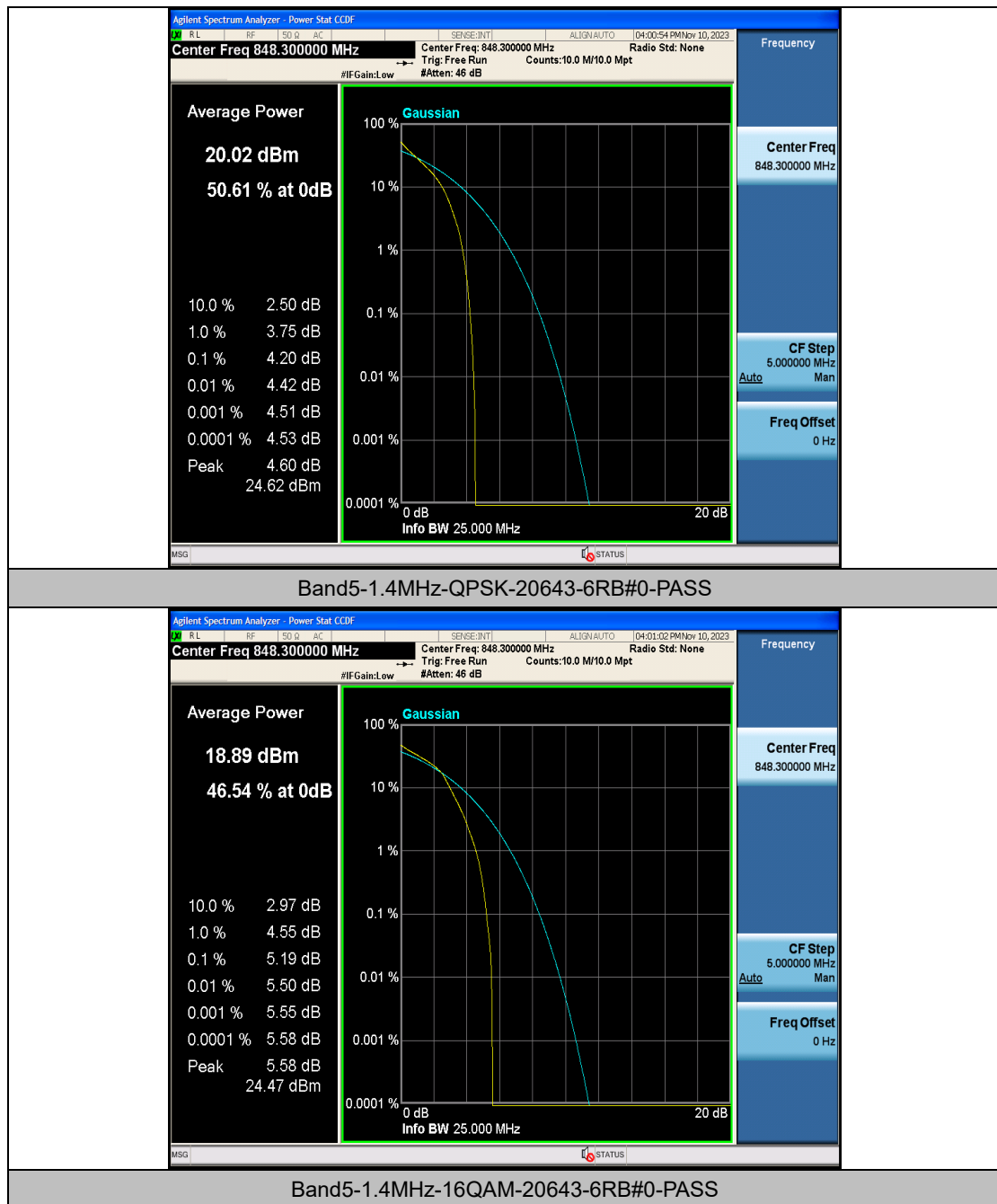
Test Result

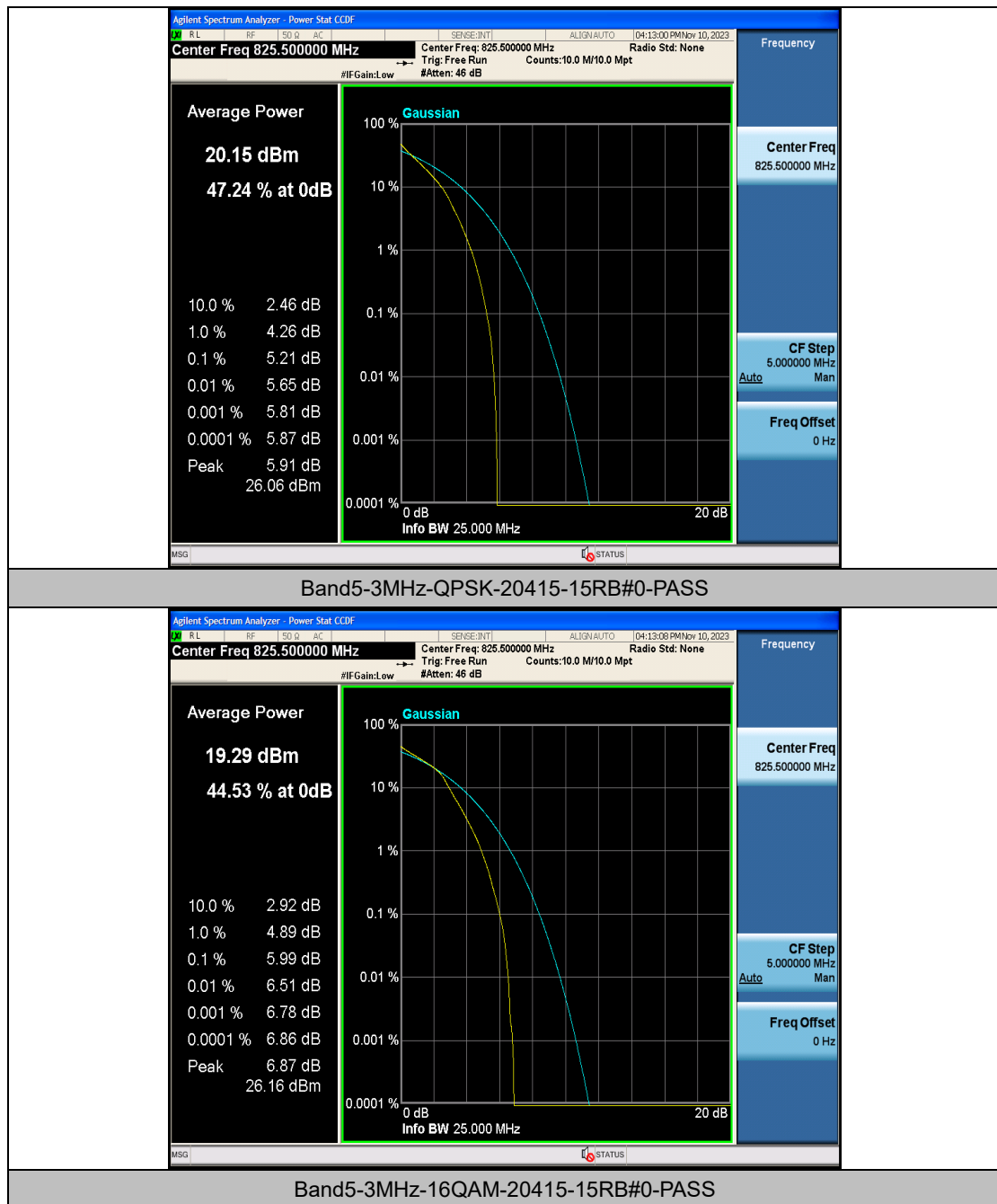
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.22	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	6.11	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	4.54	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.49	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.20	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.19	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	5.21	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.99	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	4.55	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	5.43	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.27	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.27	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	5.13	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.92	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.53	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.35	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.46	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.31	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	4.88	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.76	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	4.58	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.50	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.79	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.60	13	PASS

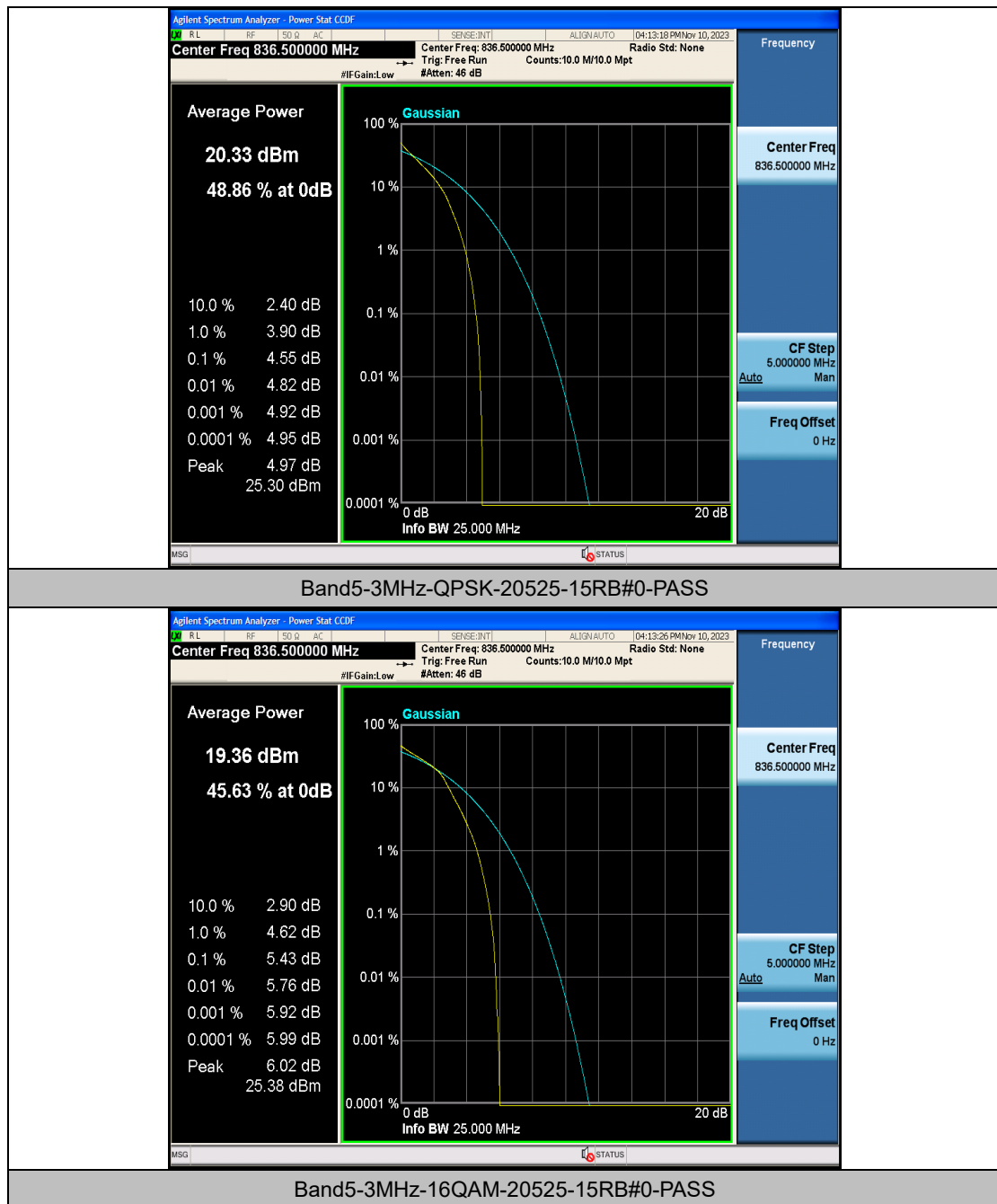
Test Graphs

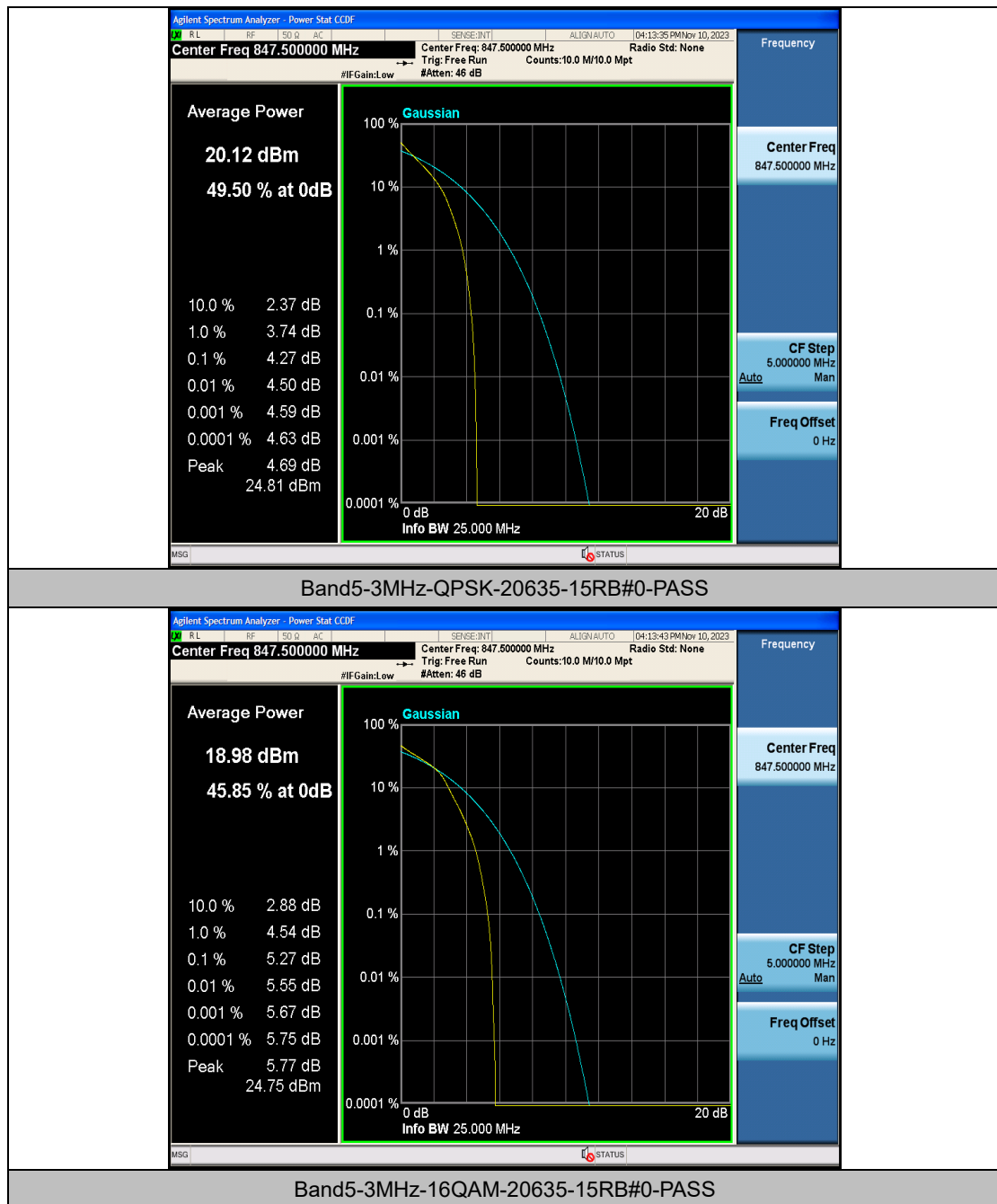


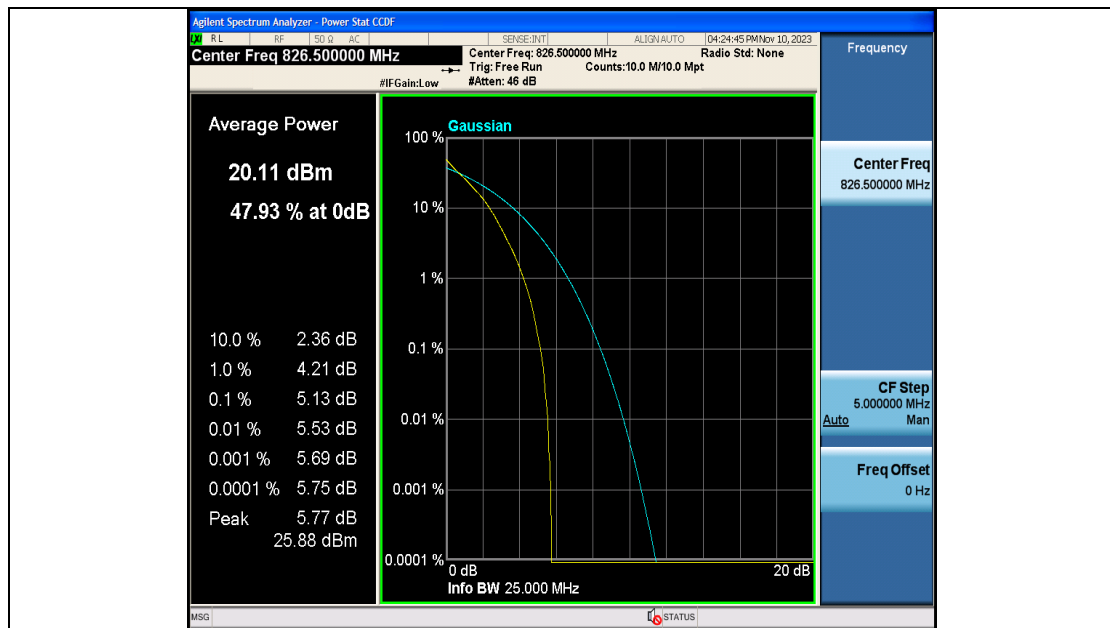




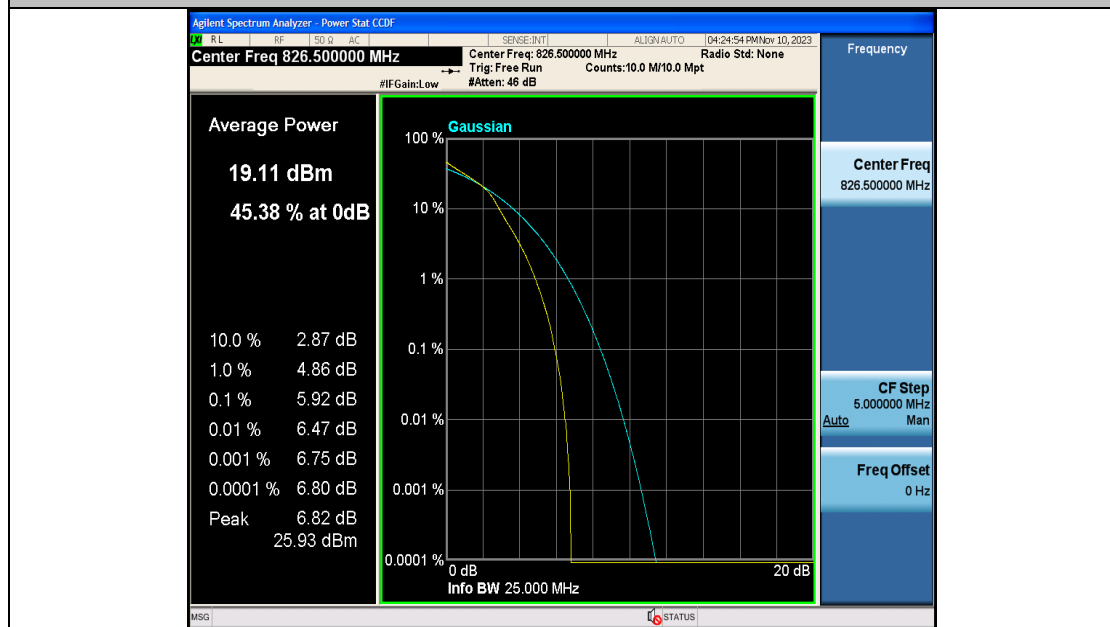




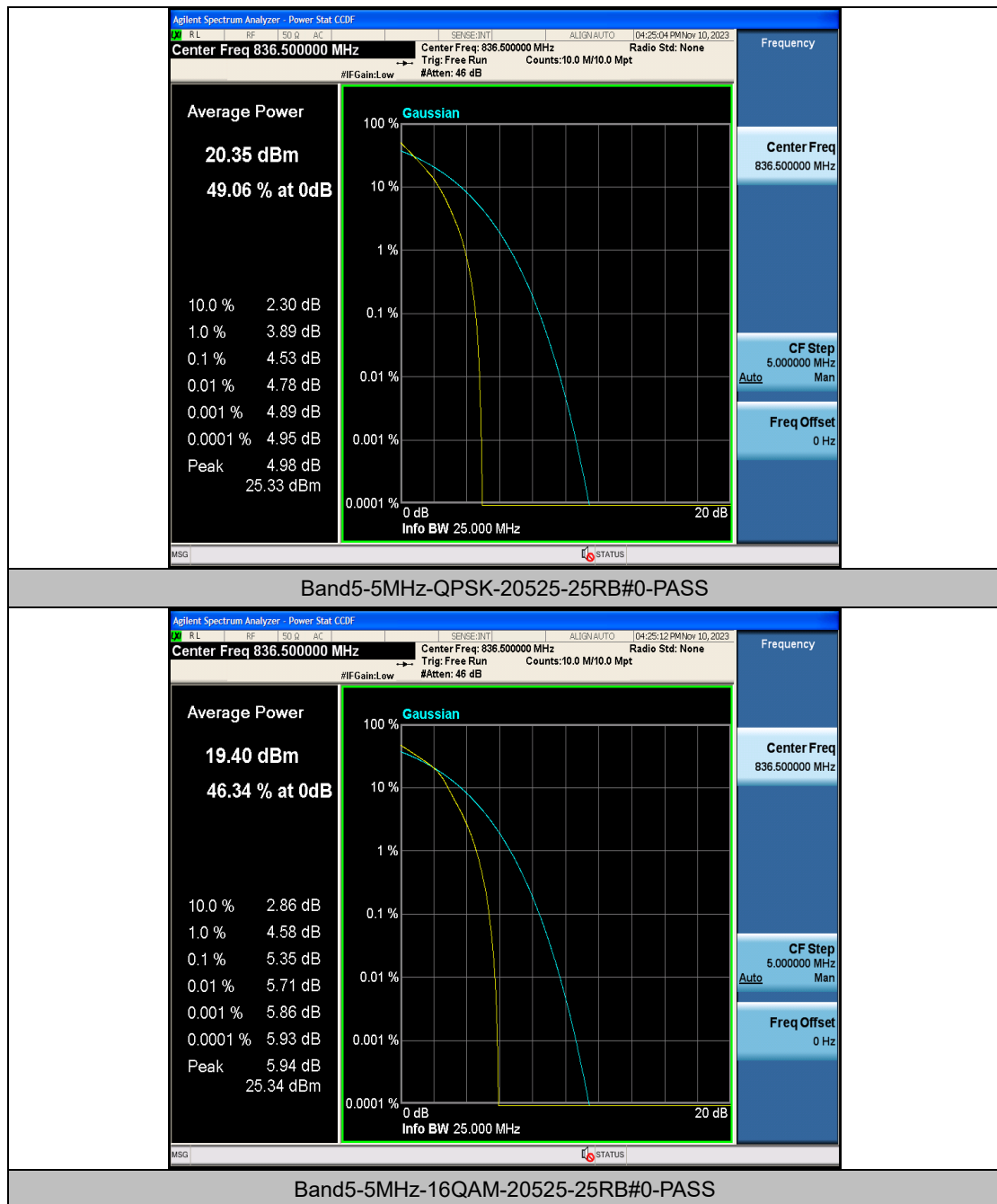


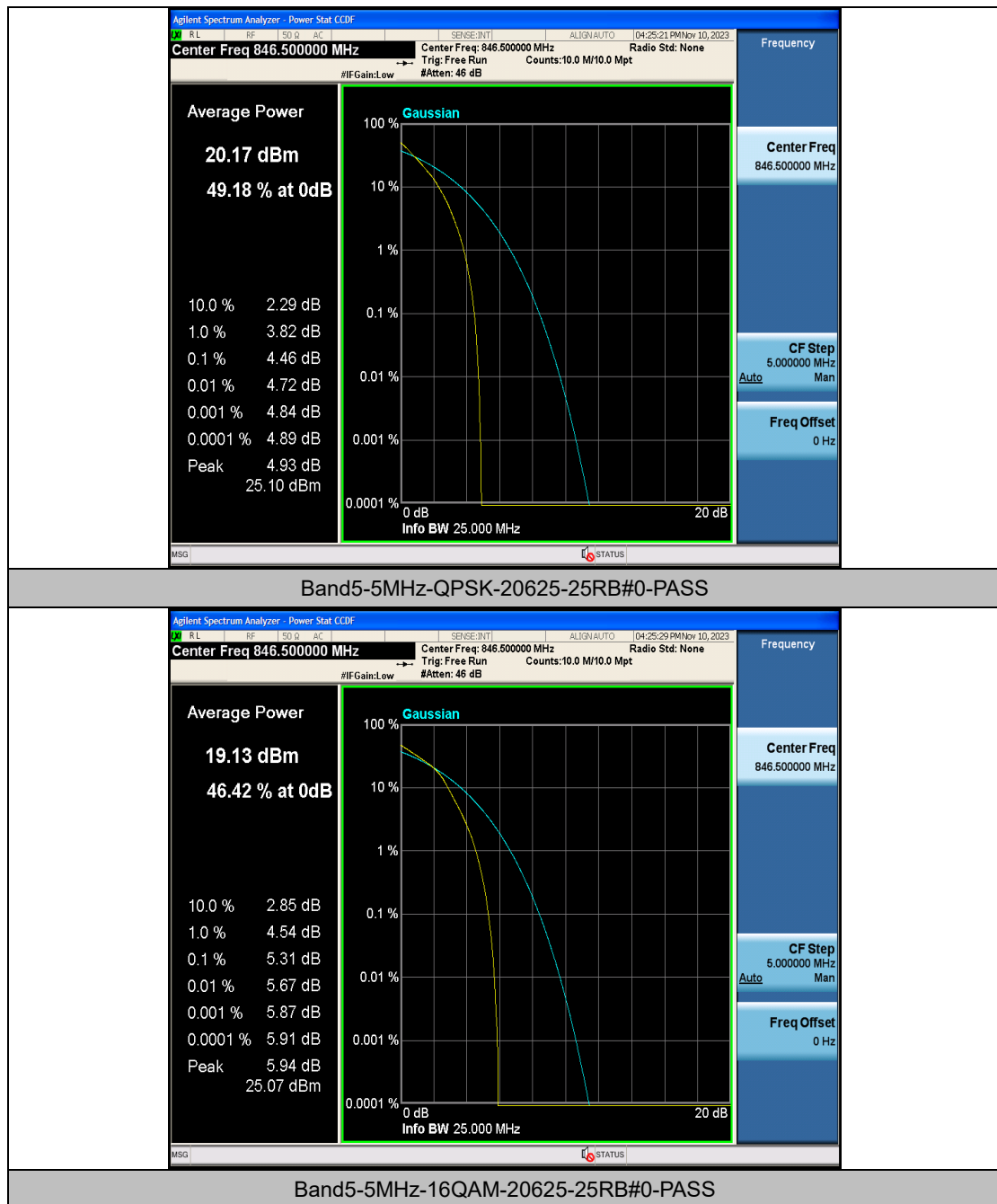


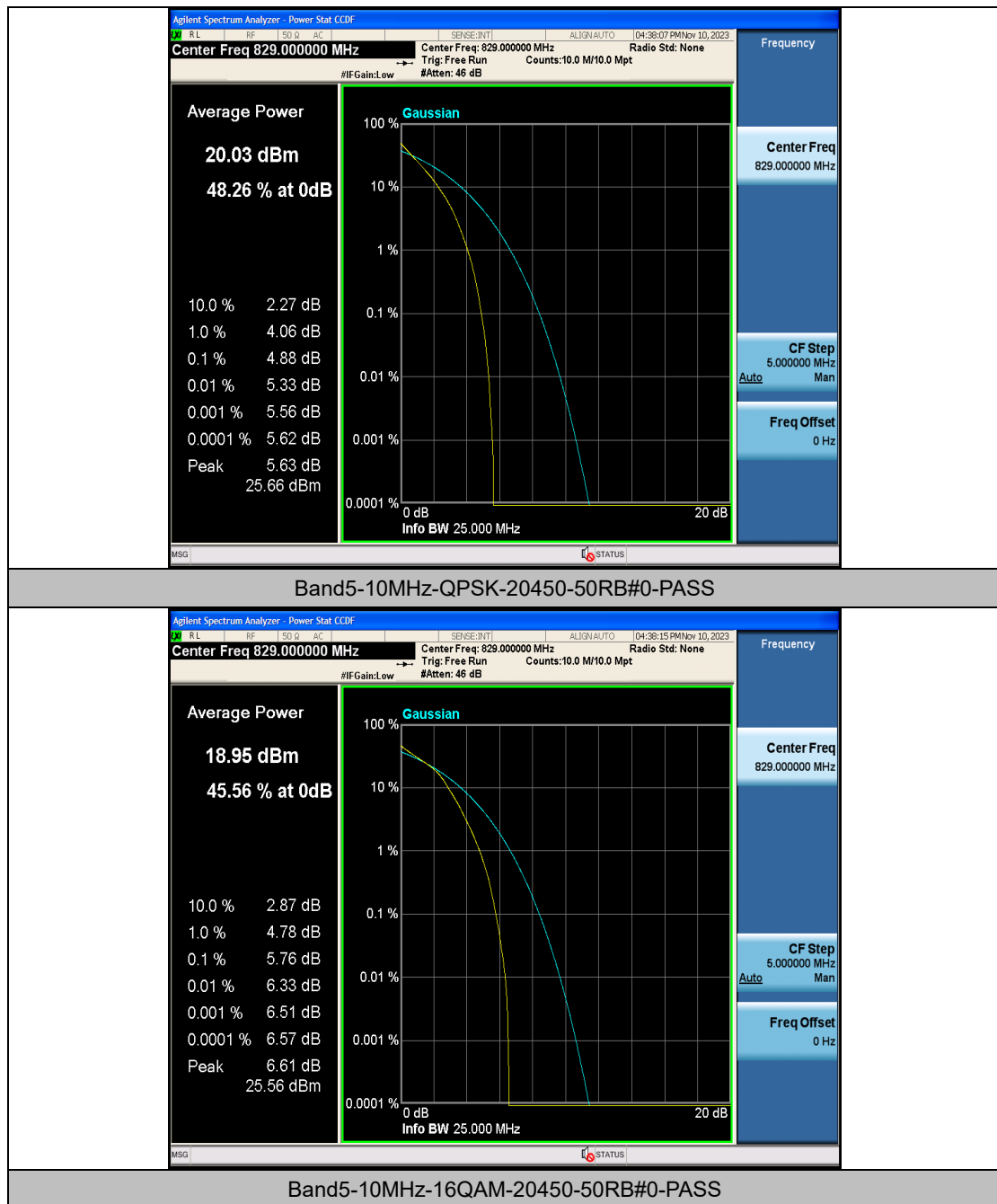
Band5-5MHz-QPSK-20425-25RB#0-PASS

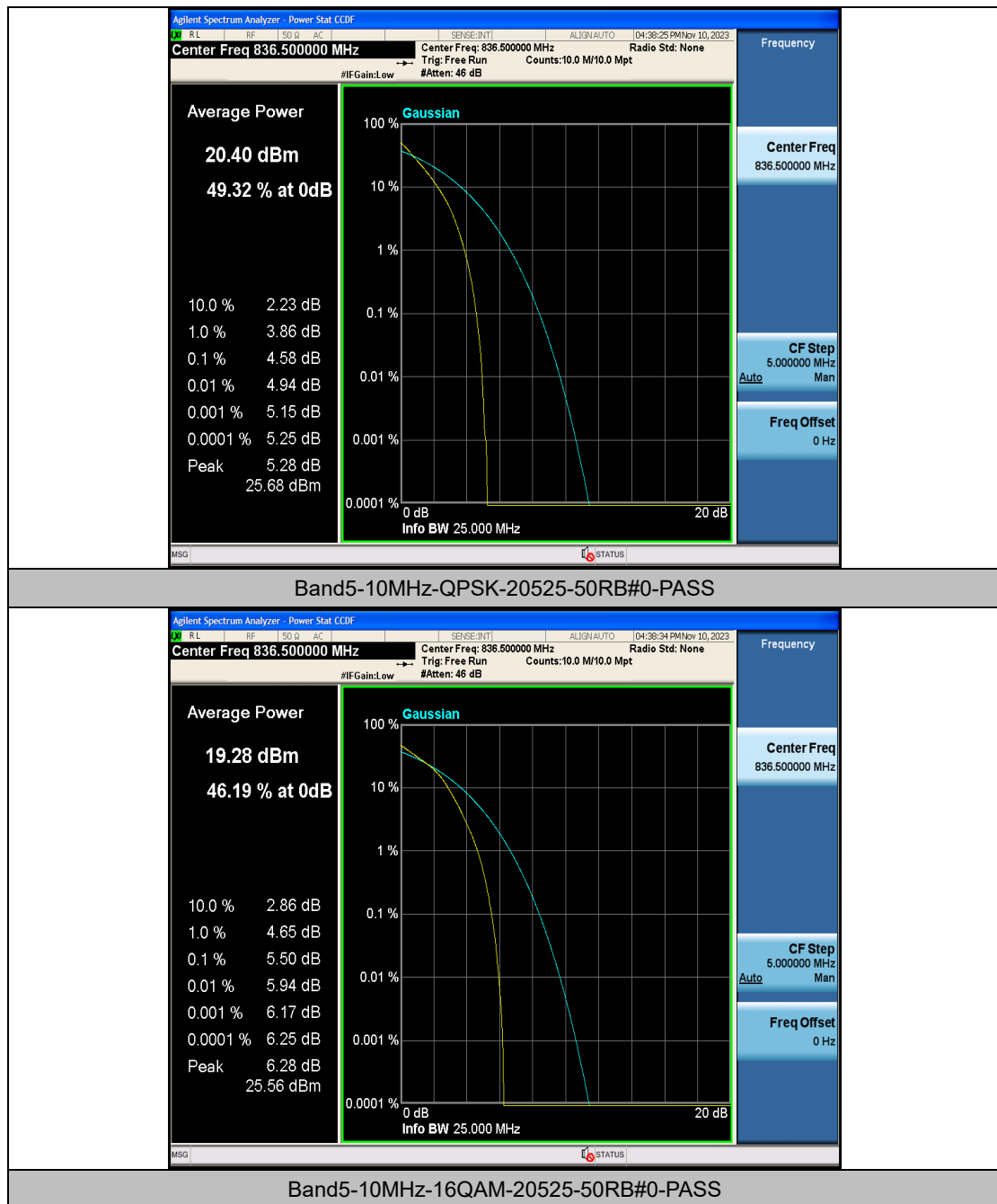


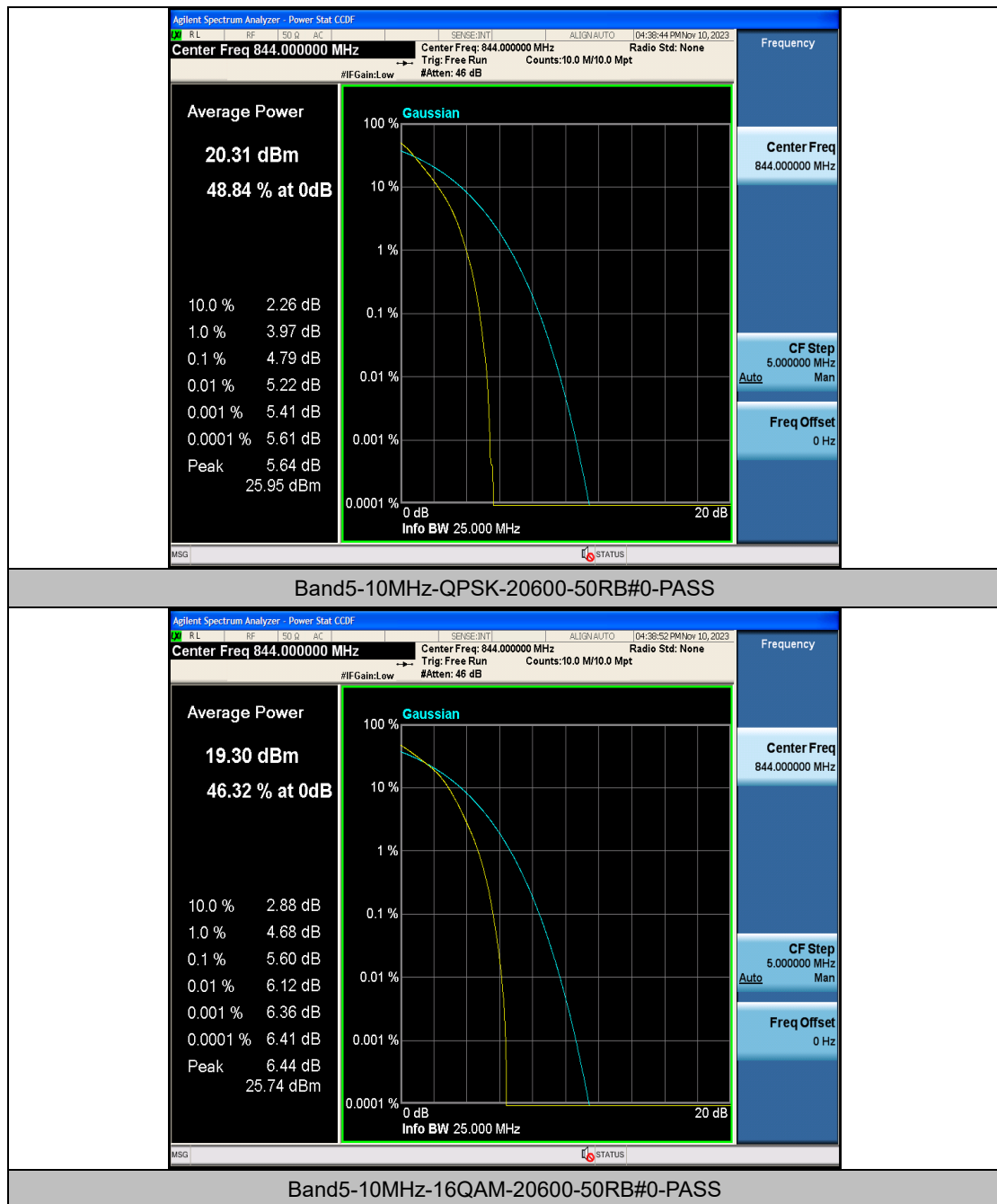
Band5-5MHz-16QAM-20425-25RB#0-PASS









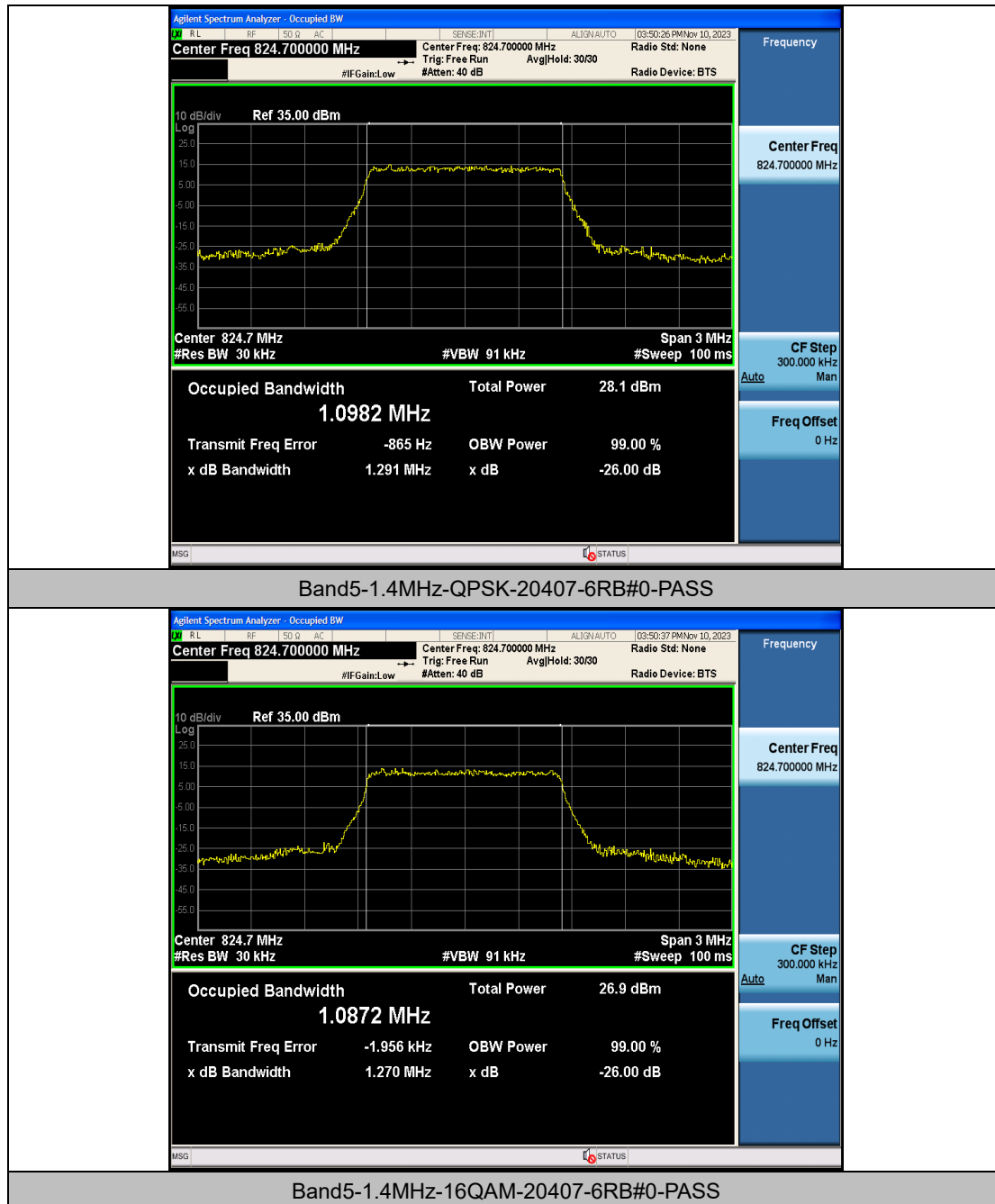


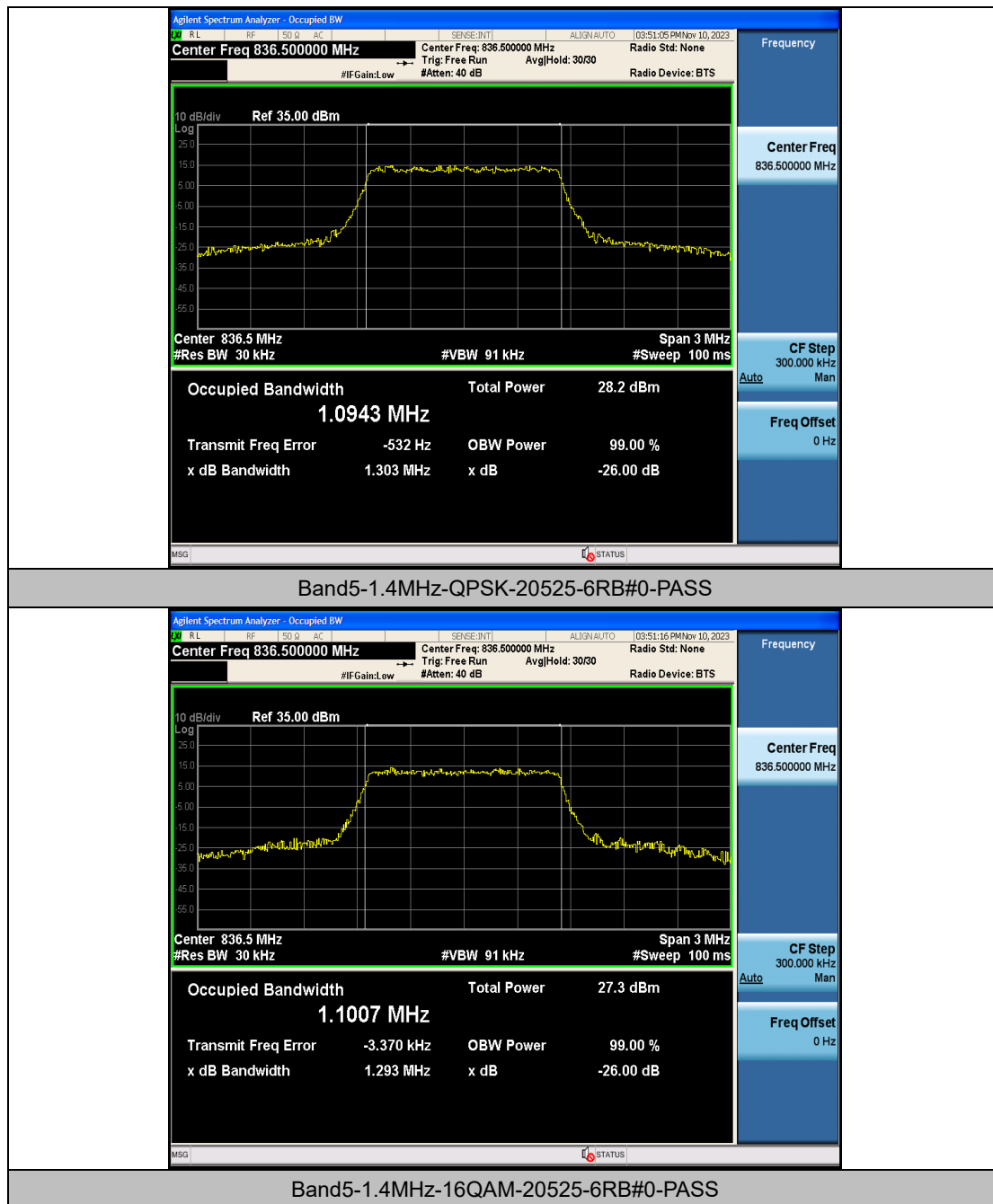
Appendix C: 26dB Bandwidth and Occupied Bandwidth

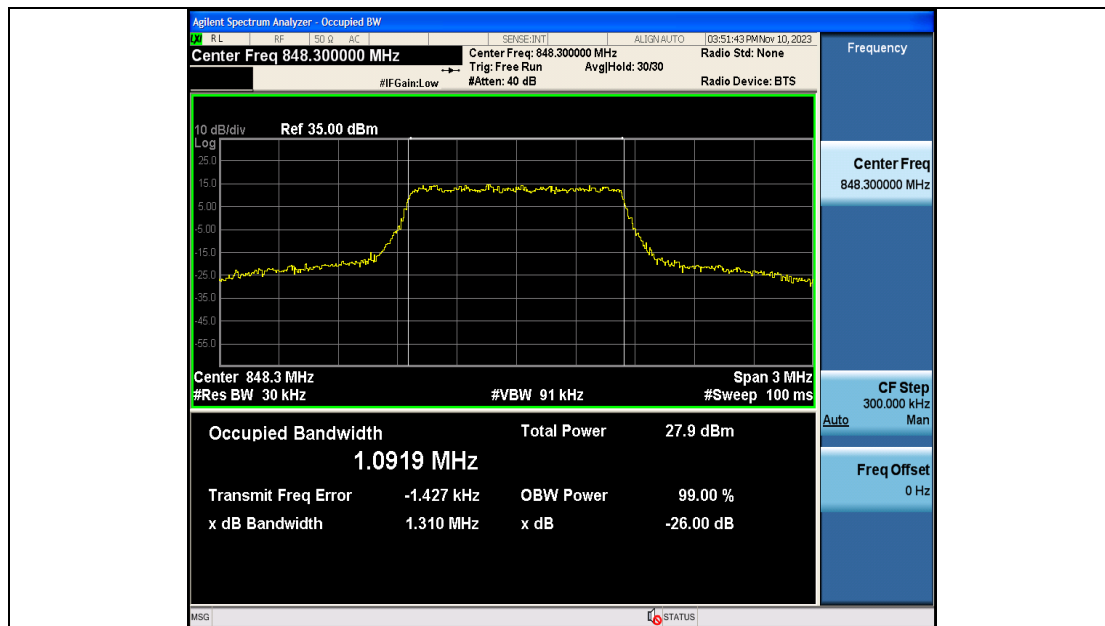
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0982	1.291	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.0872	1.270	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0943	1.303	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1007	1.293	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0919	1.310	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1039	1.296	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.6939	2.990	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.6874	2.940	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.6994	2.965	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.6897	2.944	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7006	2.975	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.6942	2.973	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5000	5.012	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4944	4.977	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5057	5.010	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.4974	4.967	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5017	5.016	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5006	4.979	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9754	9.943	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9773	9.858	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.9616	9.918	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9538	9.848	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9633	9.894	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9802	9.869	PASS

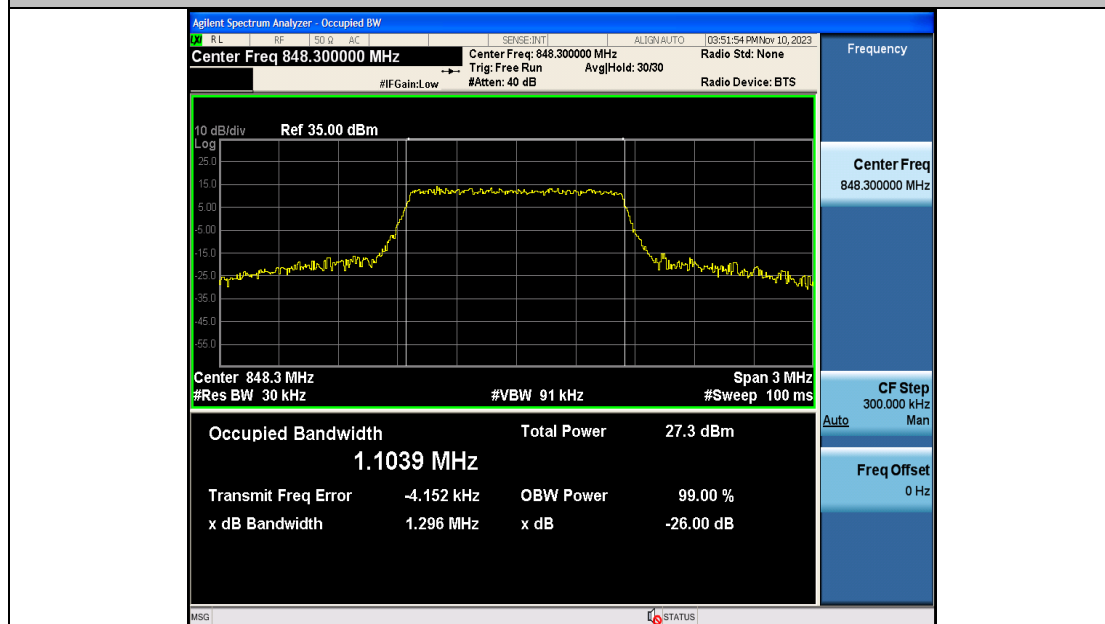
Test Graphs



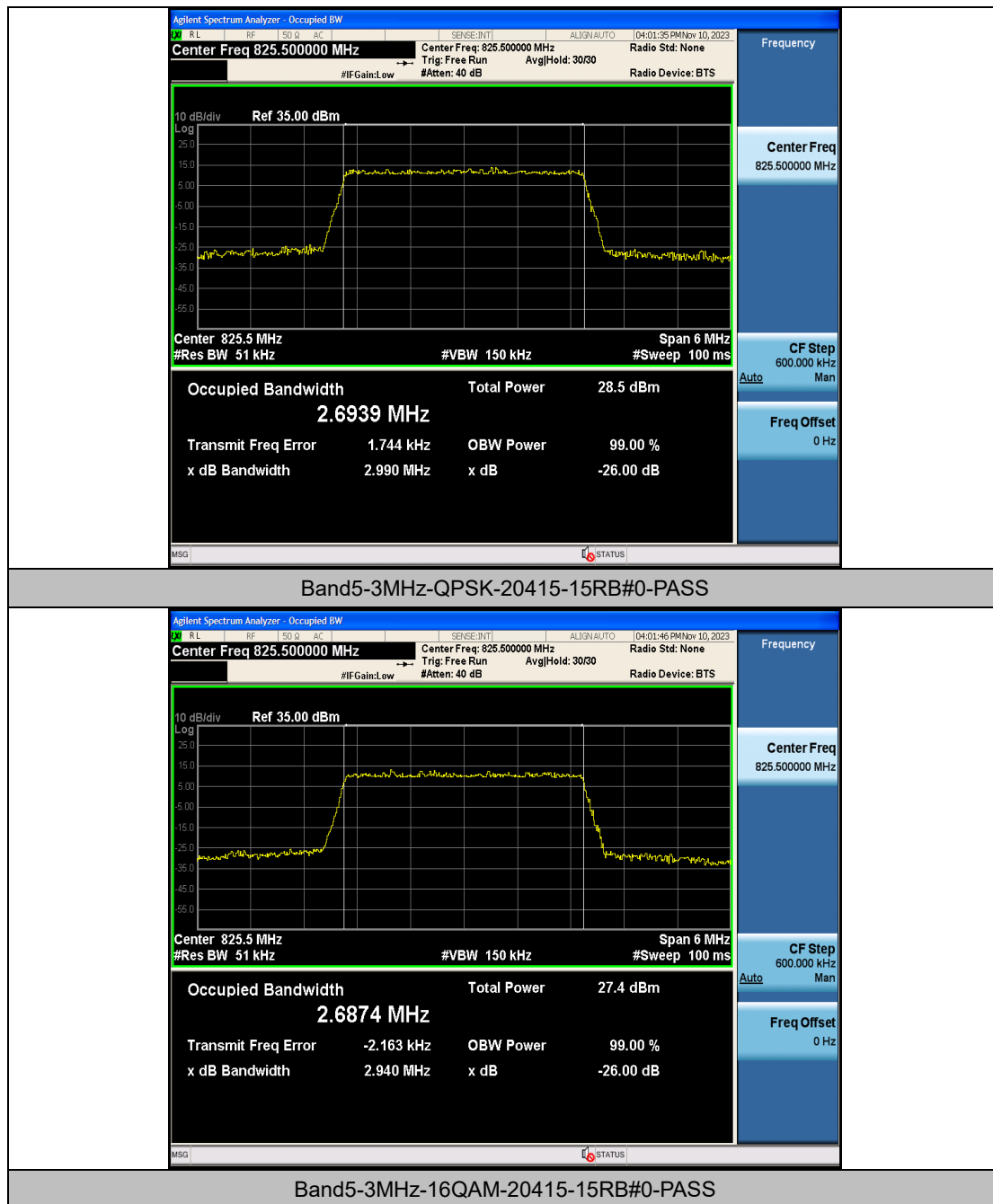


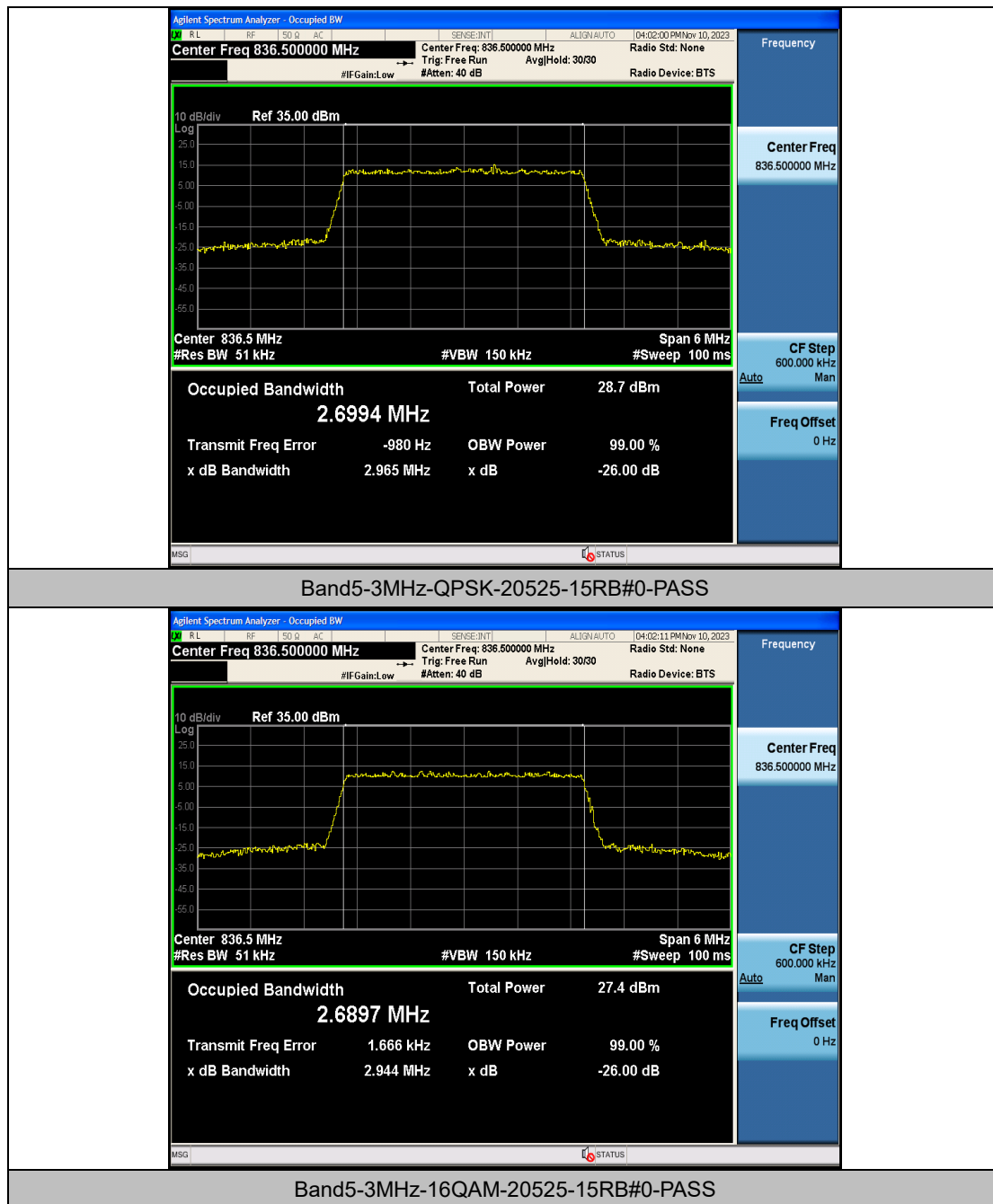


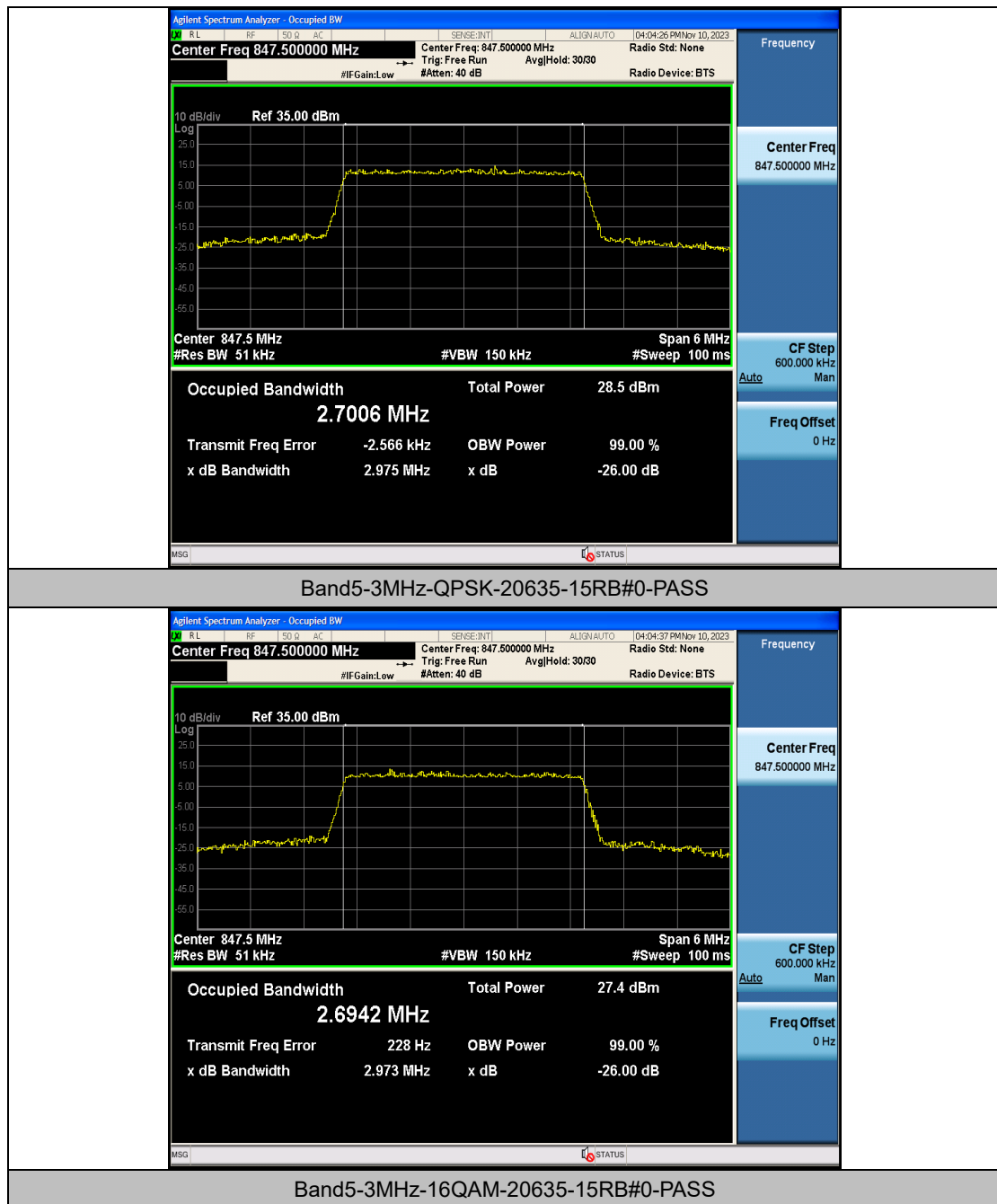
Band5-1.4MHz-QPSK-20643-6RB#0-PASS

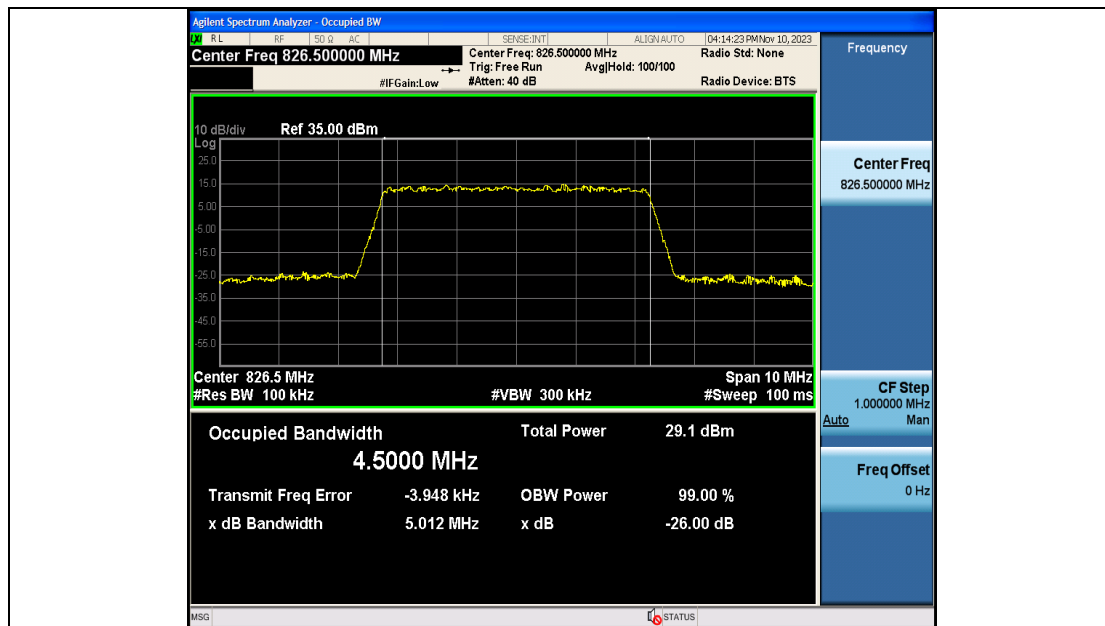


Band5-1.4MHz-16QAM-20643-6RB#0-PASS

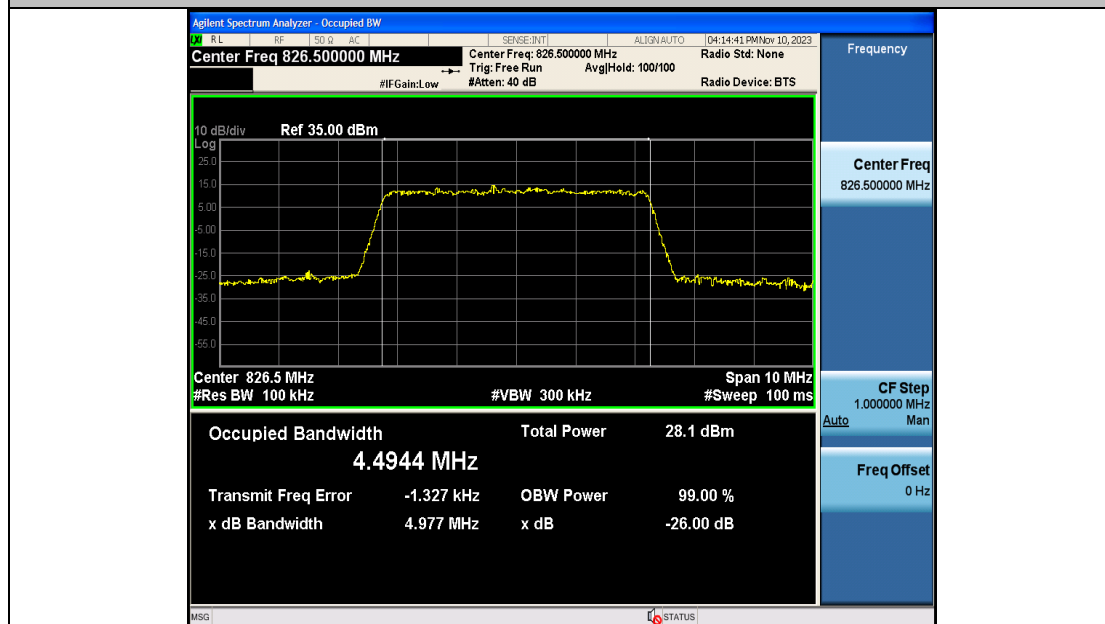




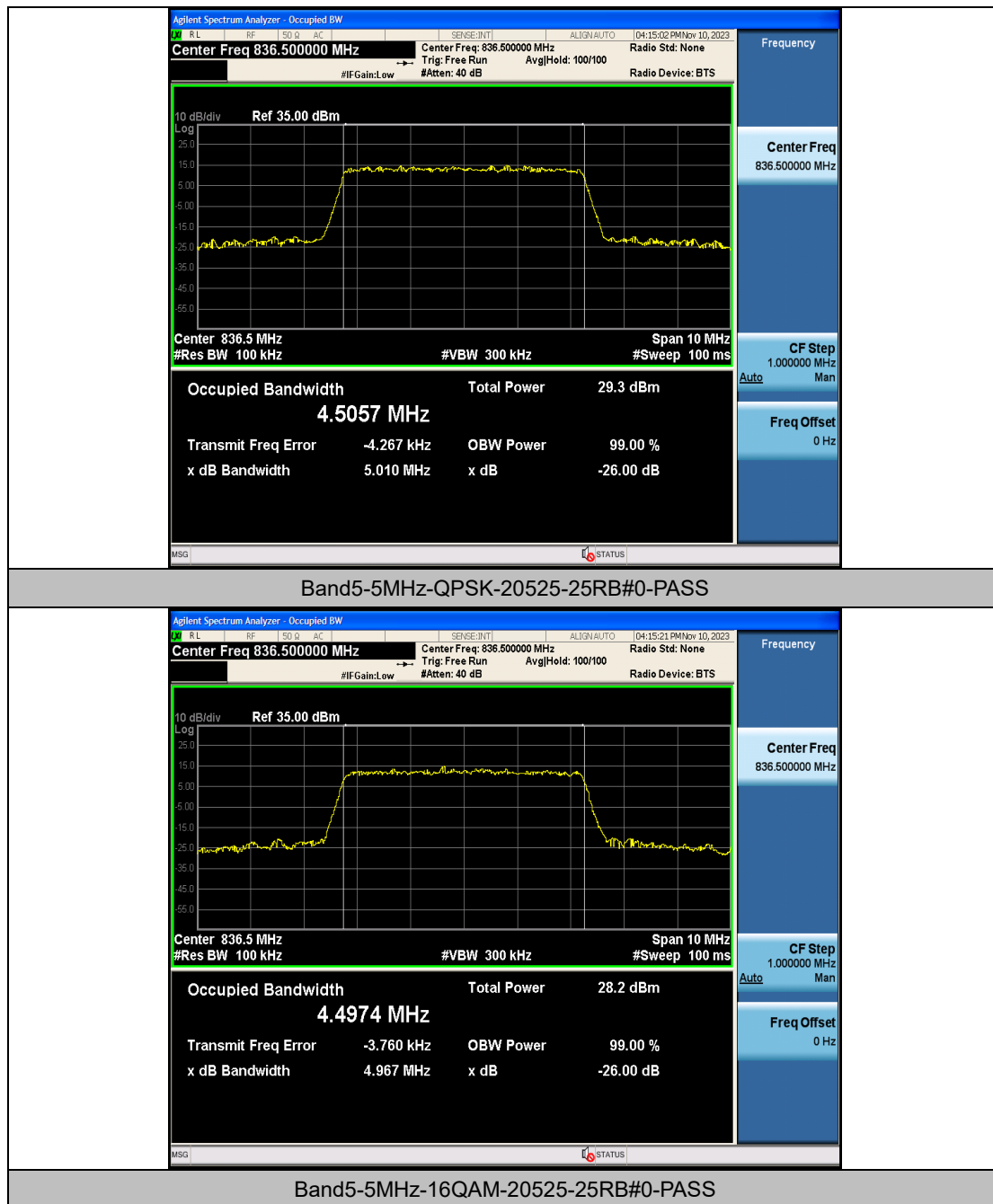


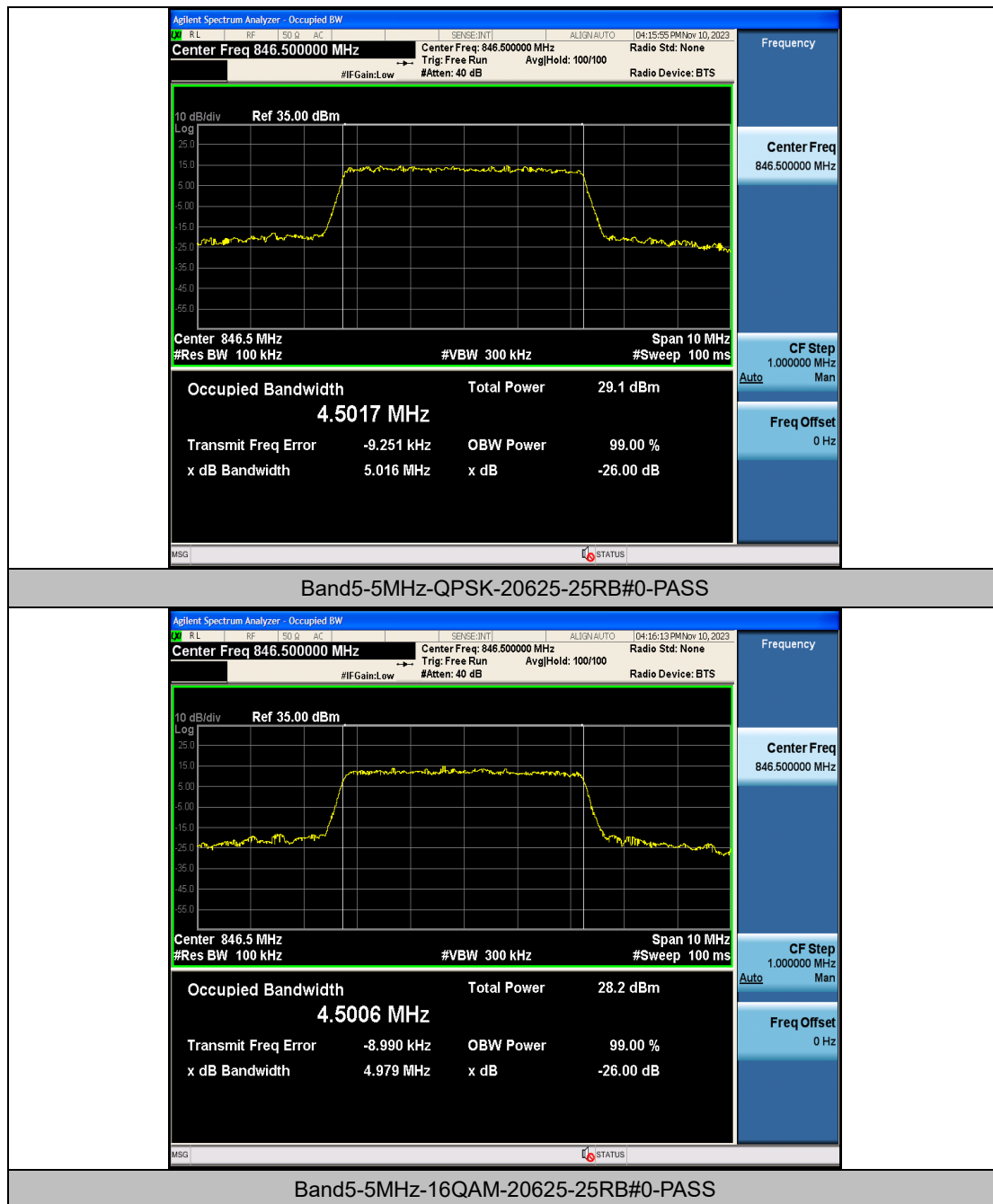


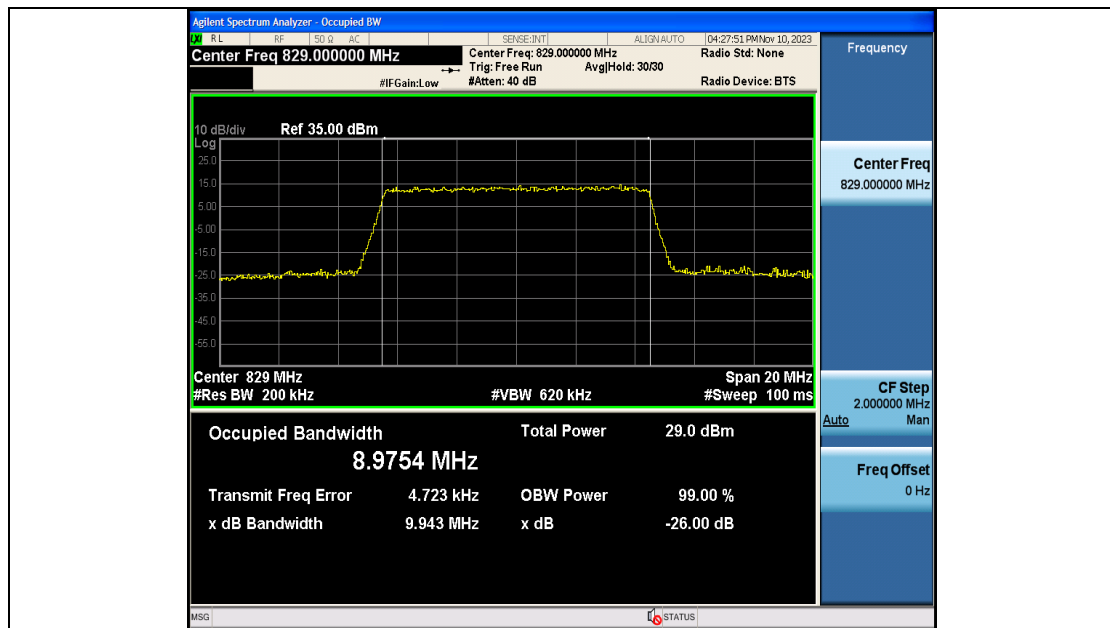
Band5-5MHz-QPSK-20425-25RB#0-PASS



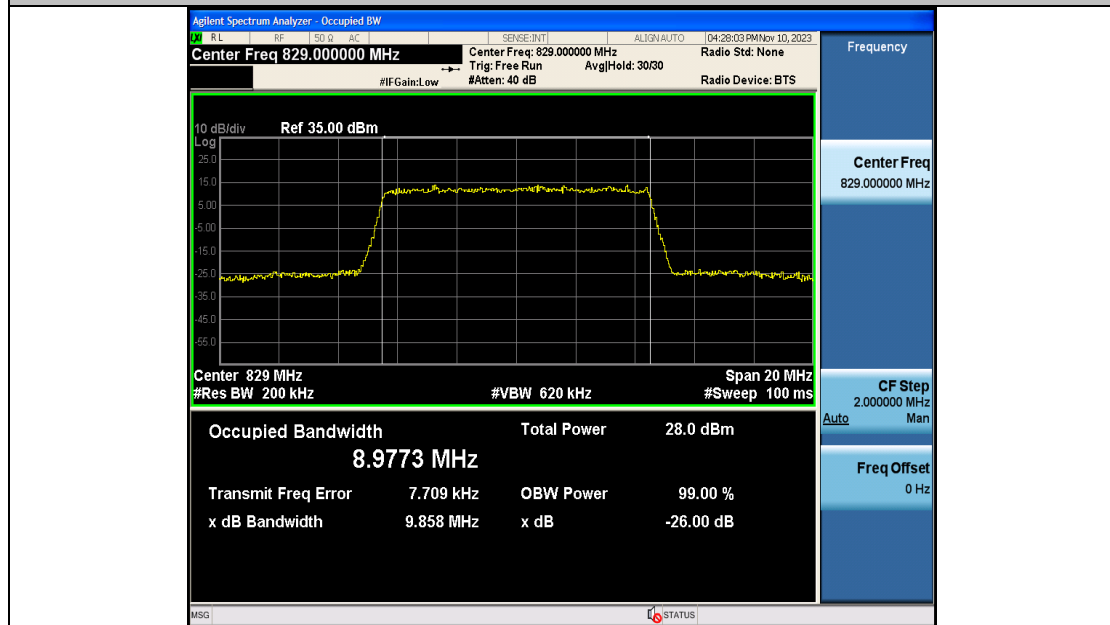
Band5-5MHz-16QAM-20425-25RB#0-PASS



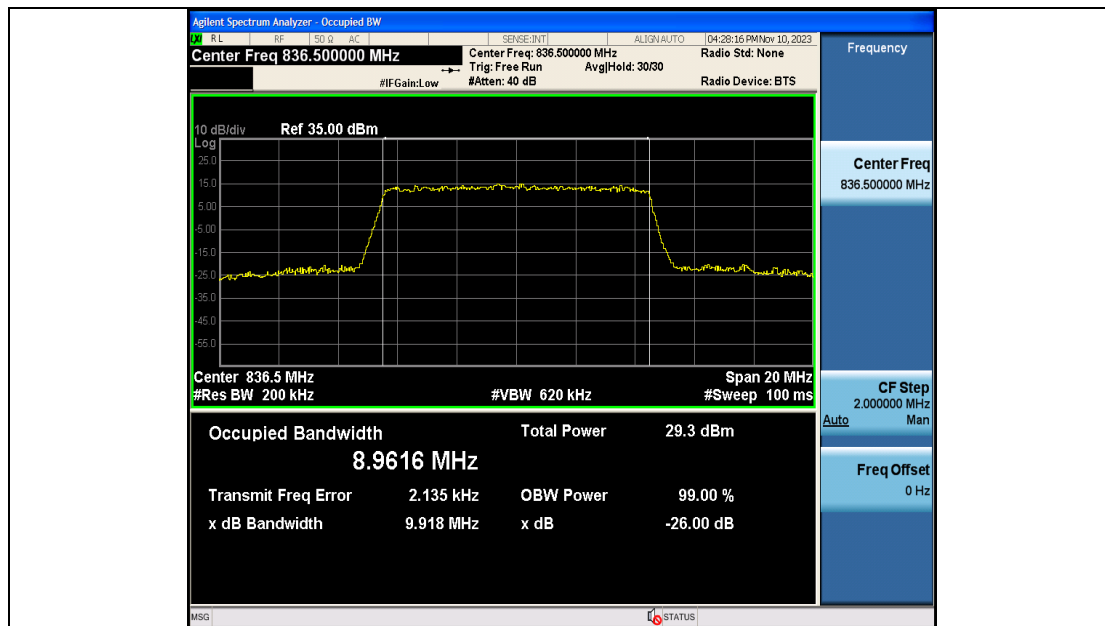




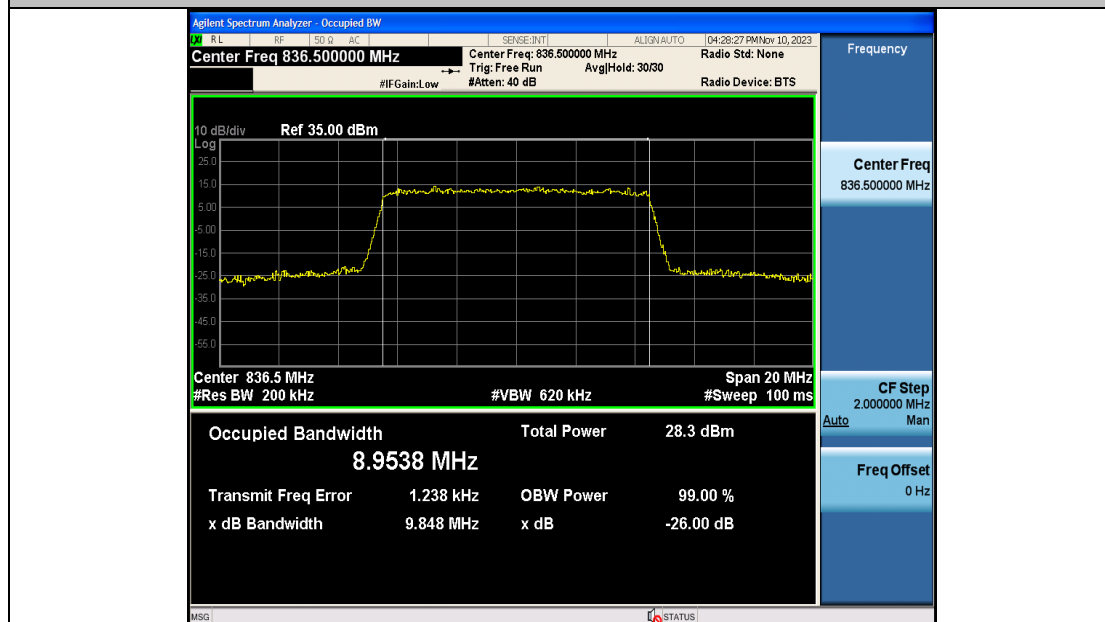
Band5-10MHz-QPSK-20450-50RB#0-PASS



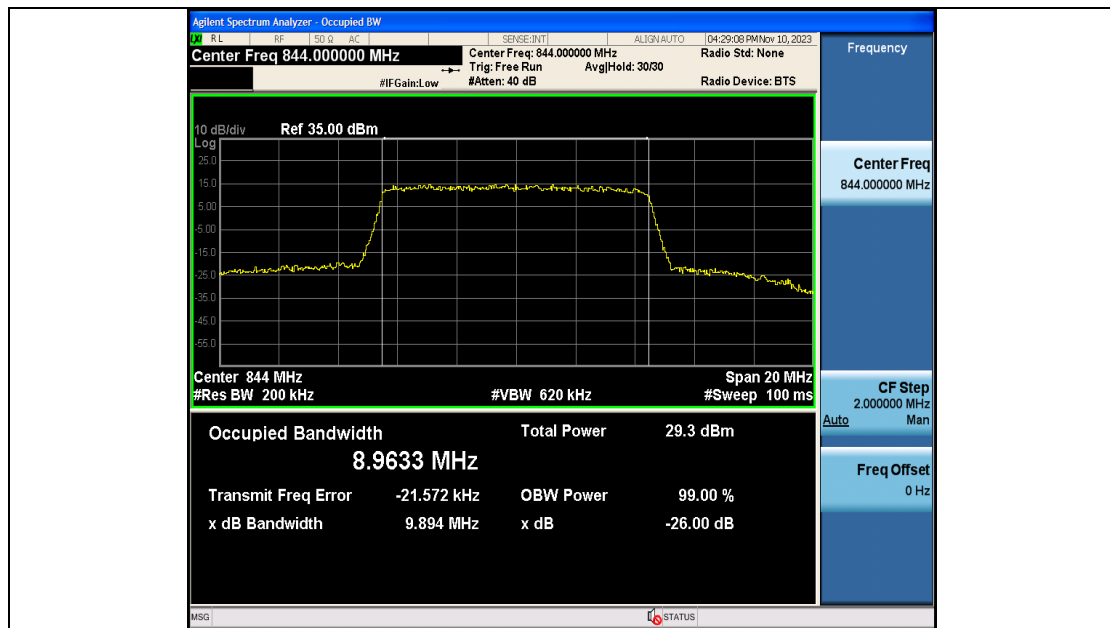
Band5-10MHz-16QAM-20450-50RB#0-PASS



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



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



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



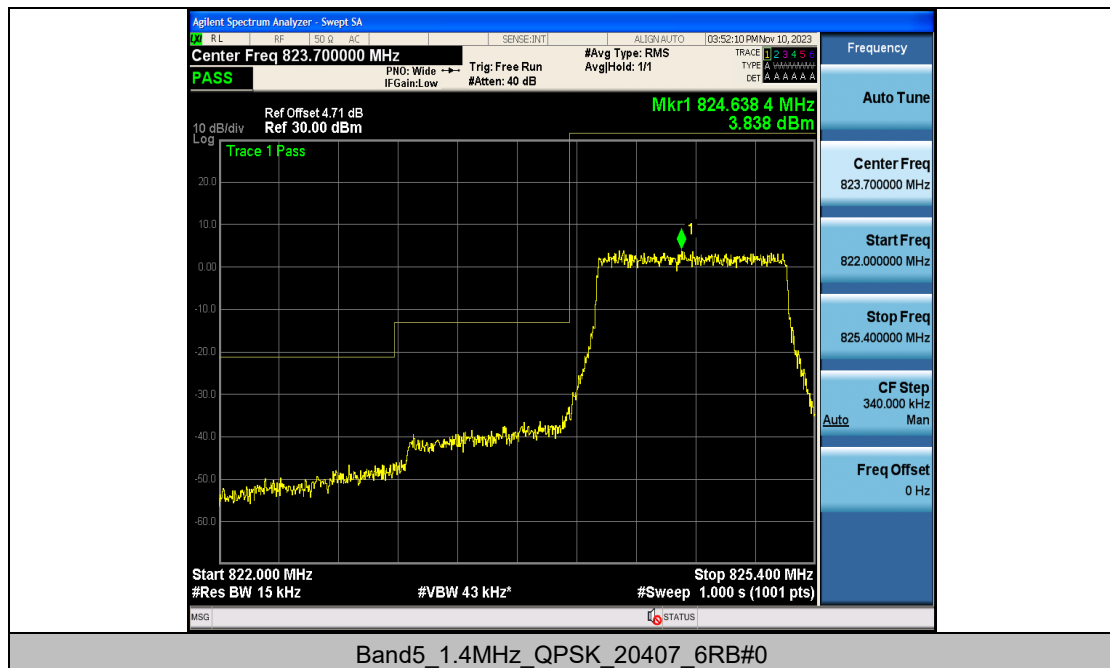
Band5-10MHz-16QAM-20600-50RB#0-PASS

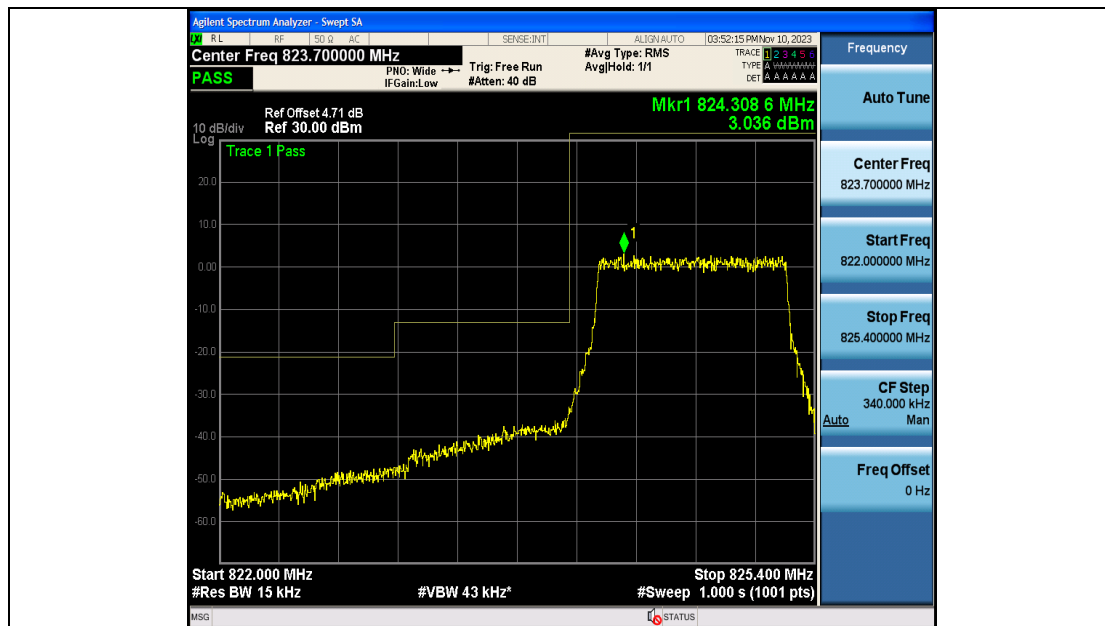
Appendix D: Band Edge

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-32.92	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-33.00	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-29.17	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-31.97	PASS
Band5	3MHz	QPSK	20415	15RB#0	-28.65	PASS
Band5	3MHz	16QAM	20415	15RB#0	-30.66	PASS
Band5	3MHz	QPSK	20635	15RB#0	-29.07	PASS
Band5	3MHz	16QAM	20635	15RB#0	-36.47	PASS
Band5	5MHz	QPSK	20425	25RB#0	-30.44	PASS
Band5	5MHz	16QAM	20425	25RB#0	-32.76	PASS
Band5	5MHz	QPSK	20625	25RB#0	-30.95	PASS
Band5	5MHz	16QAM	20625	25RB#0	-31.92	PASS
Band5	10MHz	QPSK	20450	50RB#0	-33.90	PASS
Band5	10MHz	16QAM	20450	50RB#0	-34.97	PASS
Band5	10MHz	QPSK	20600	50RB#0	-33.54	PASS
Band5	10MHz	16QAM	20600	50RB#0	-35.48	PASS

Test Graphs





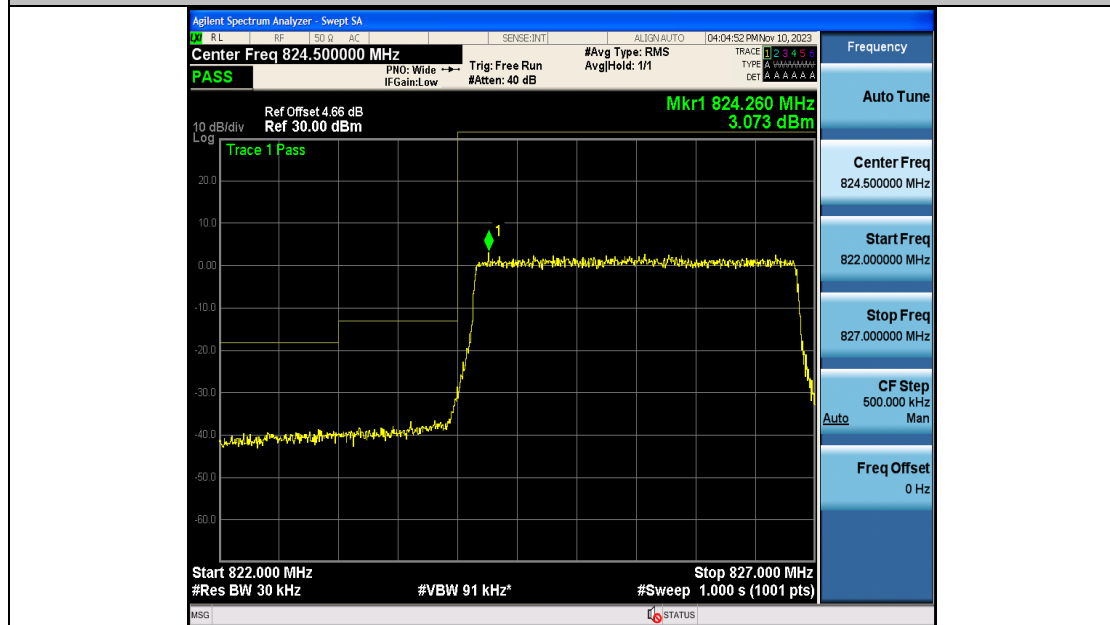
Band5_1.4MHz_16QAM_20407_6RB#0



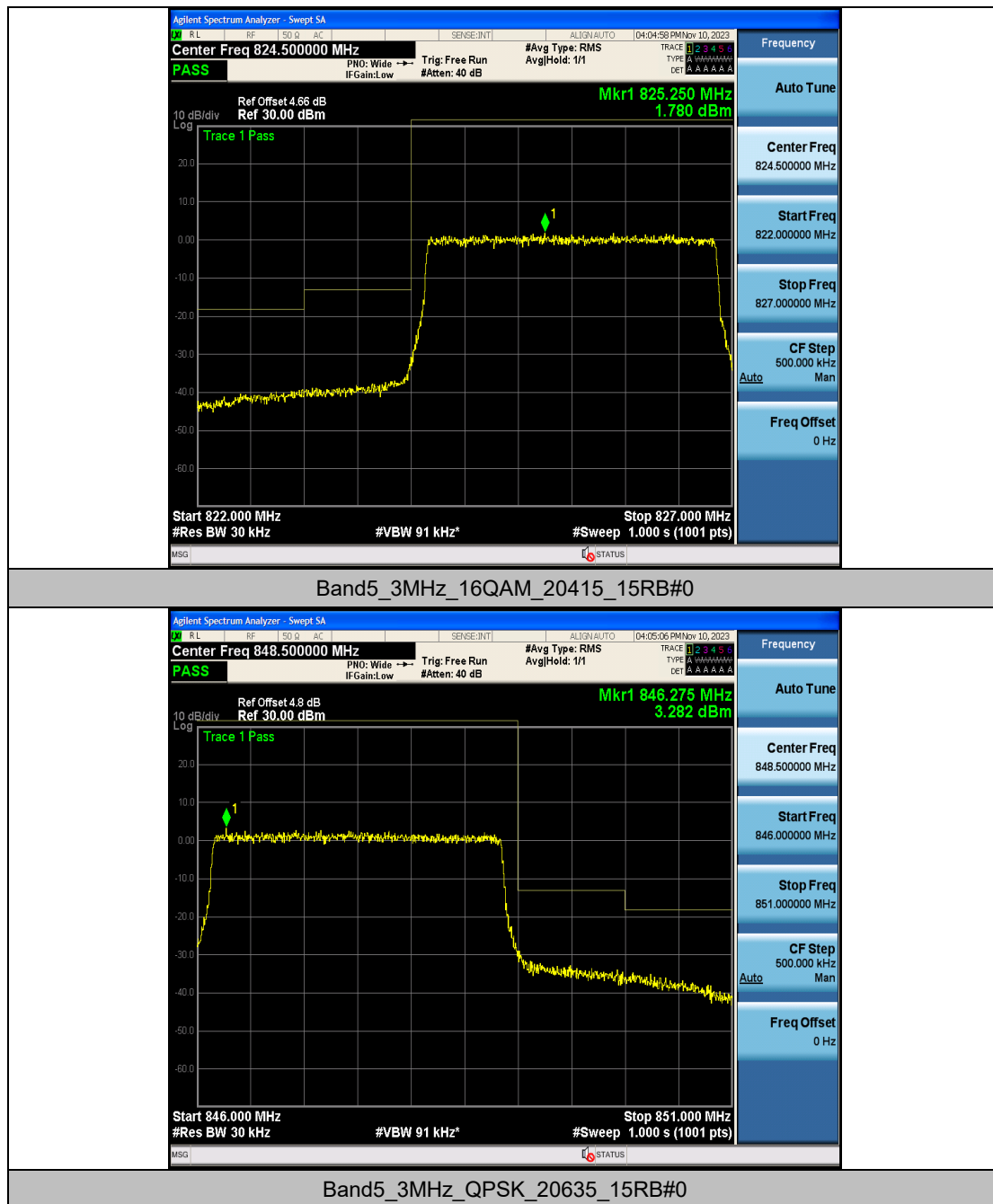
Band5_1.4MHz_QPSK_20643_6RB#0

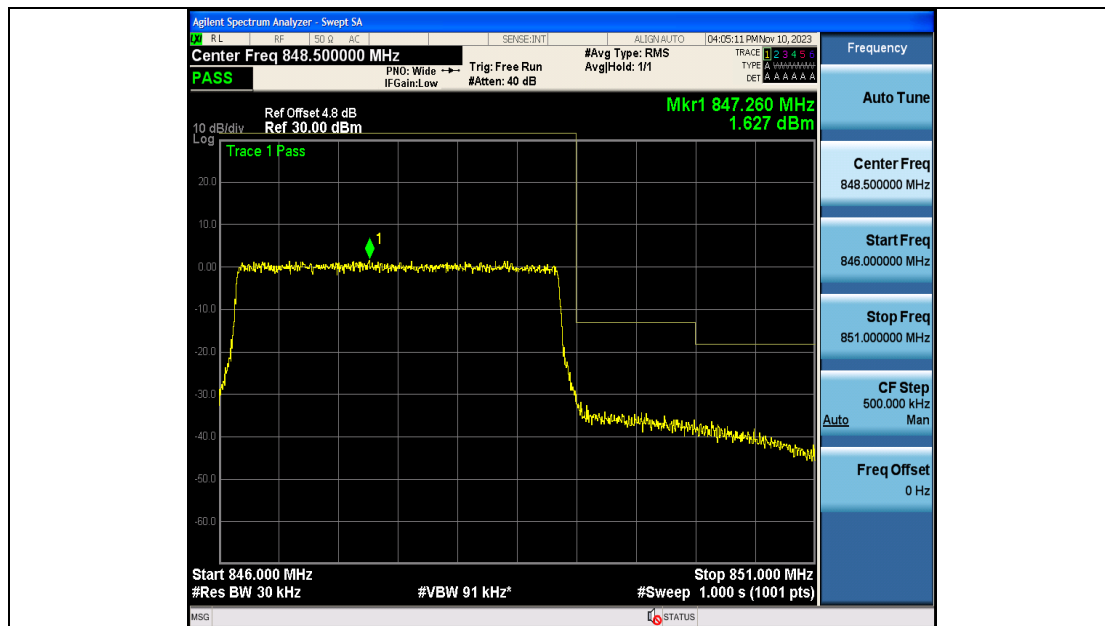


Band5_1.4MHz_16QAM_20643_6RB#0

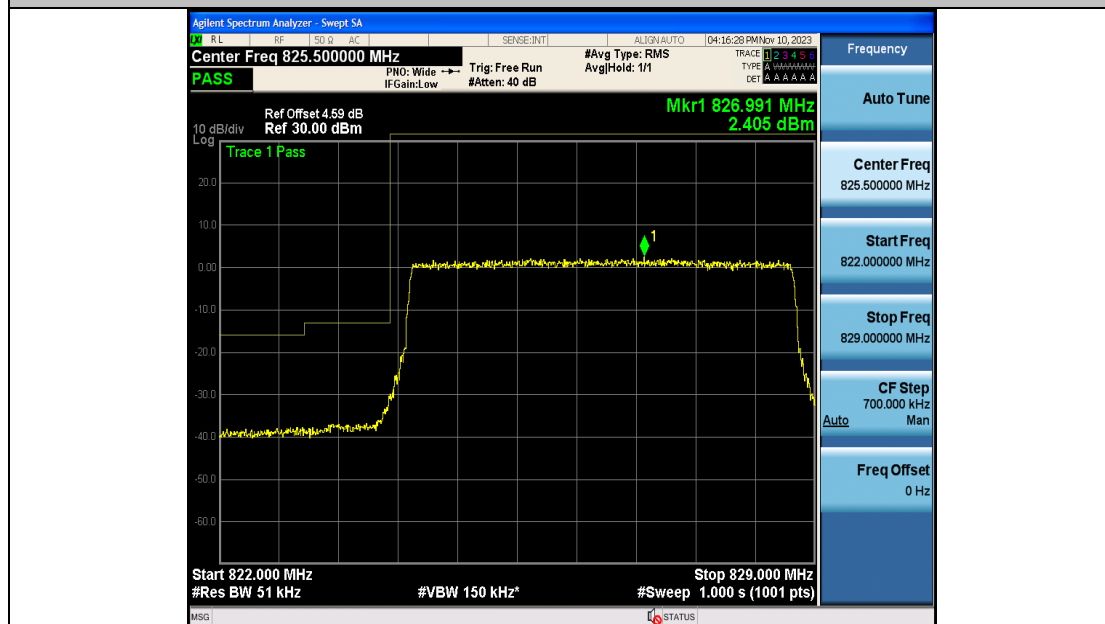


Band5_3MHz_QPSK_20415_15RB#0

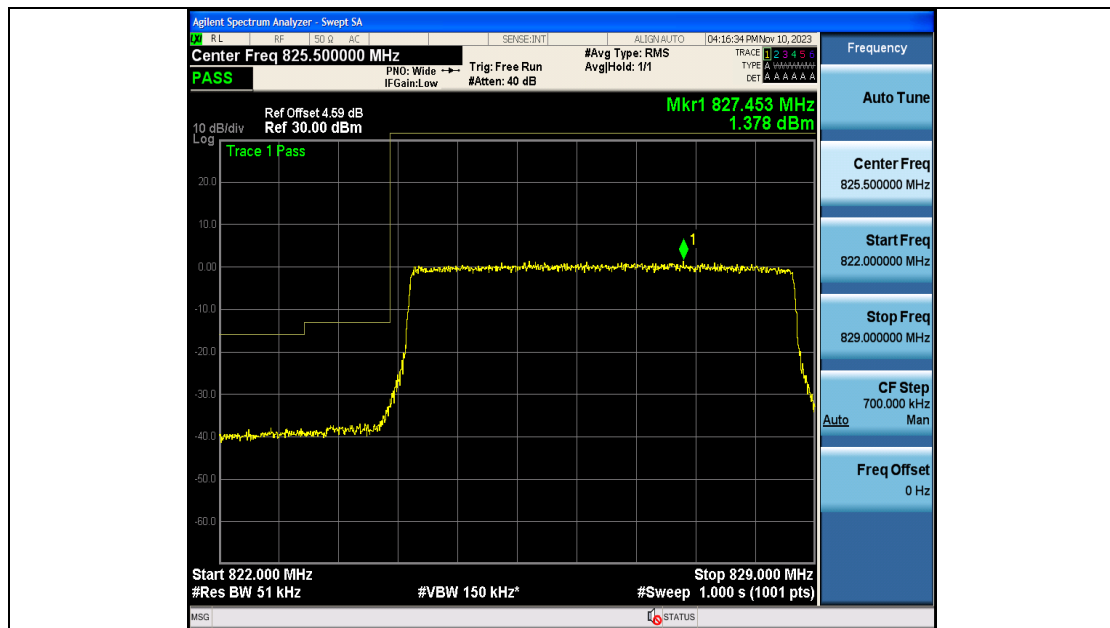




Band5_3MHz_16QAM_20635_15RB#0



Band5_5MHz_QPSK_20425_25RB#0



Band5_5MHz_16QAM_20425_25RB#0



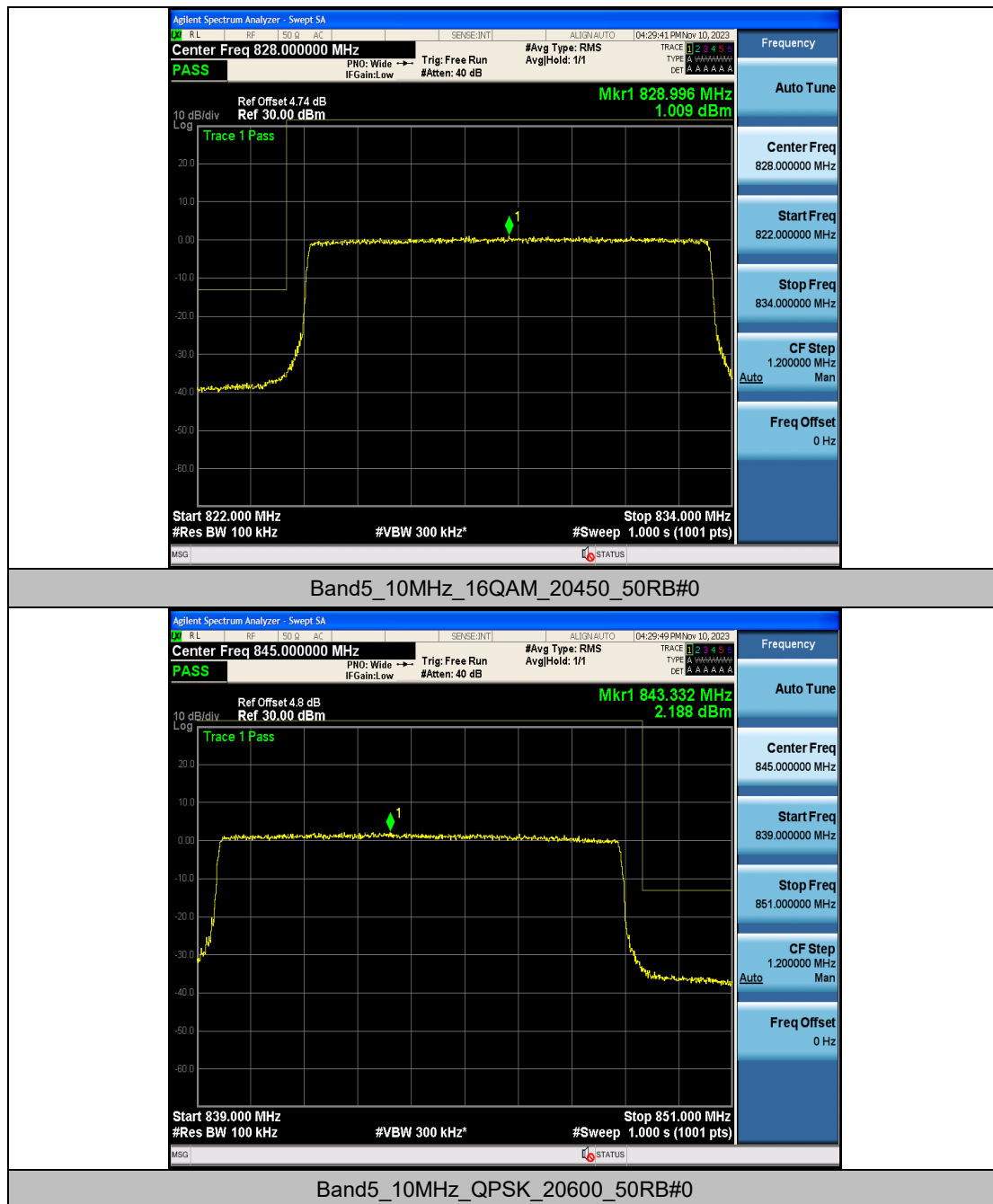
Band5_5MHz_QPSK_20625_25RB#0

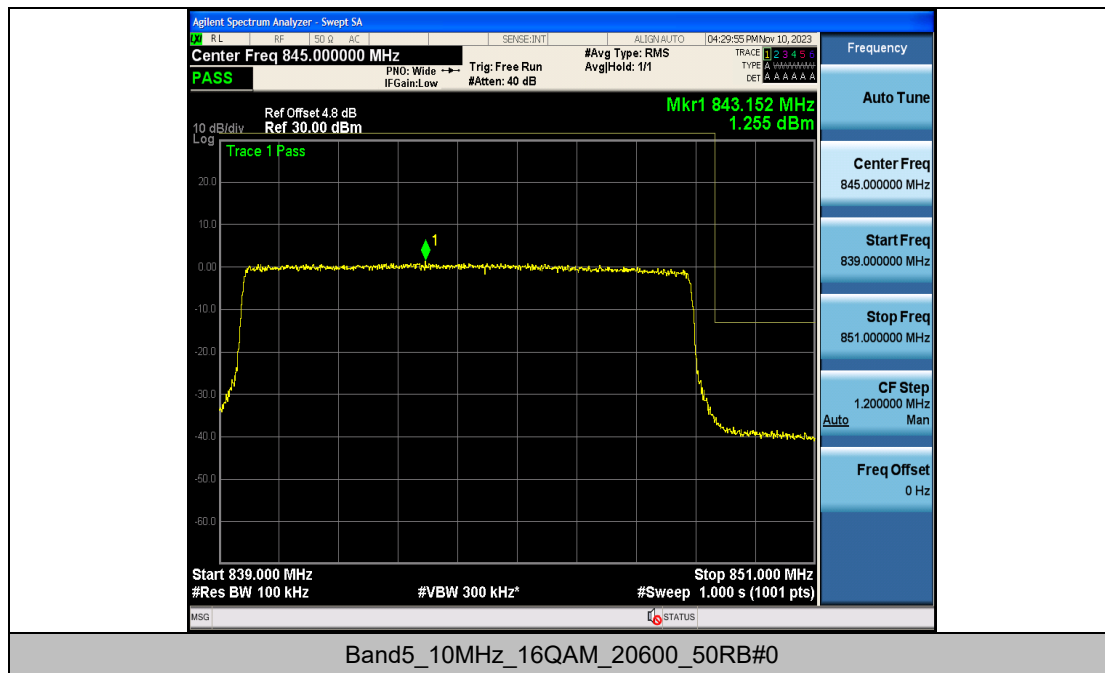


Band5_5MHz_16QAM_20625_25RB#0



Band5_10MHz_QPSK_20450_50RB#0





Appendix E: Conducted Spurious Emission

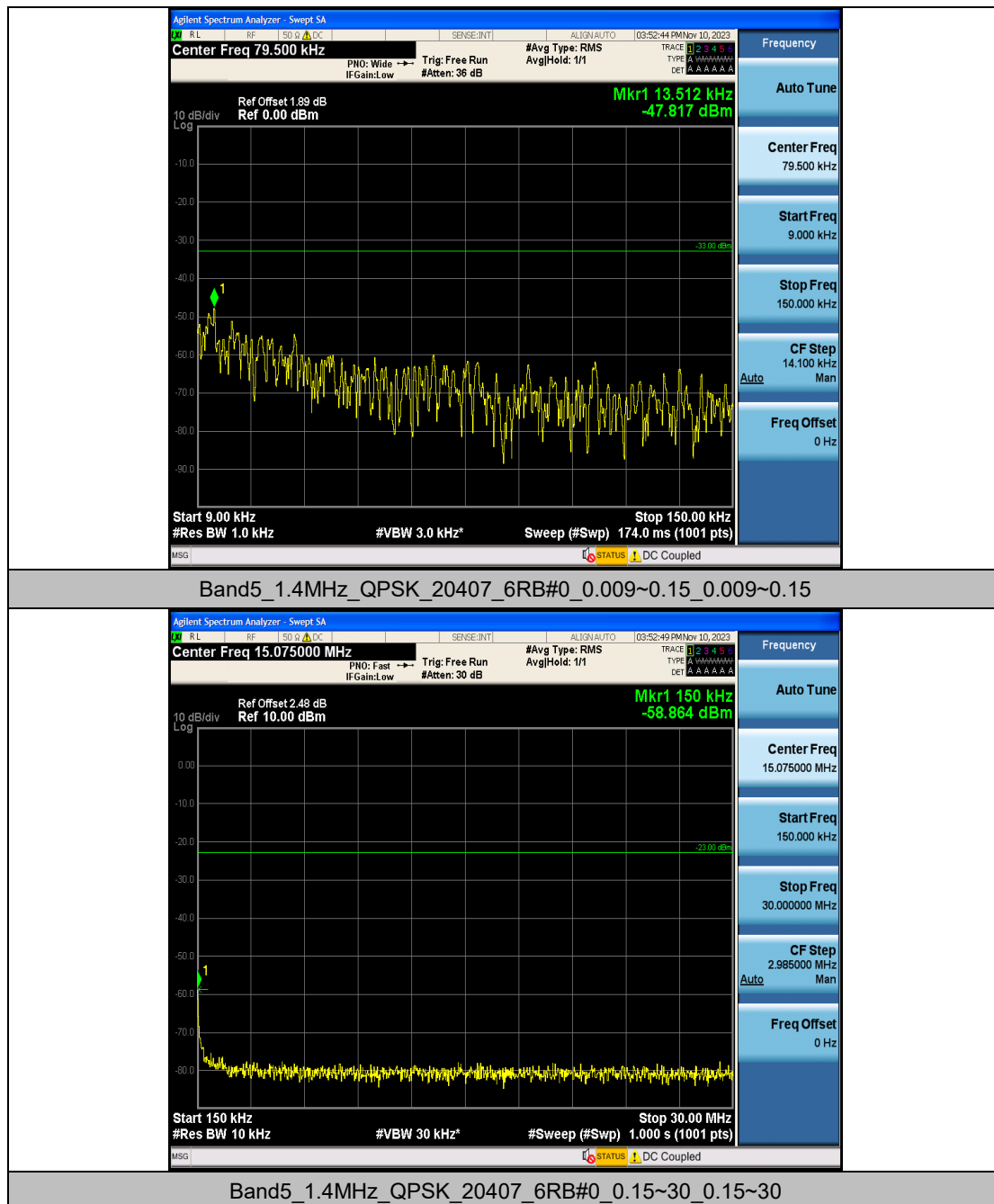
Test Result

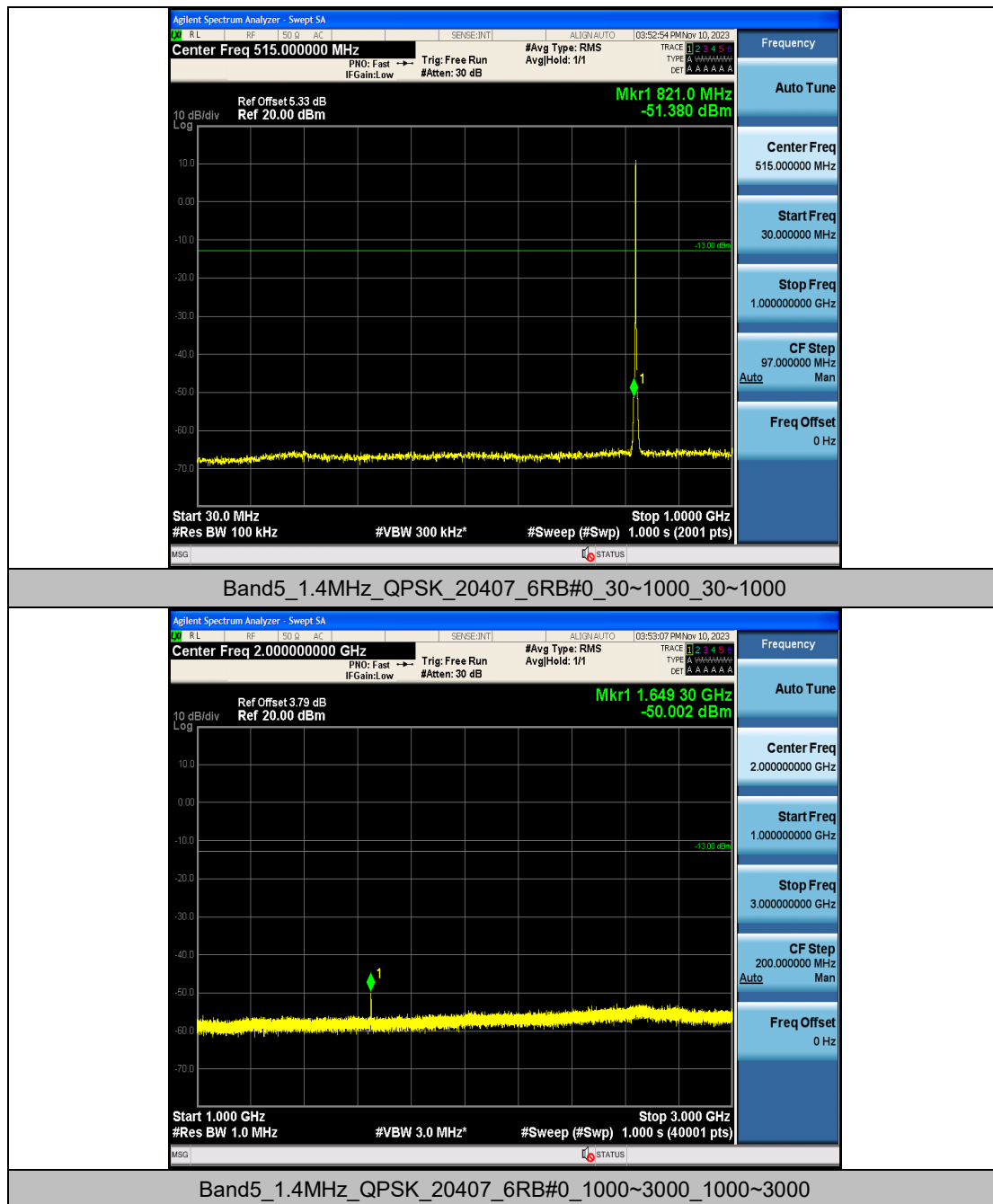
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	0.009~0.15	-47.82	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	0.15~30	-58.86	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	30~1000	-51.38	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1000~3000	-50.00	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	3000~10000	-50.03	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.009~0.15	-46.31	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	0.15~30	-57.31	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	30~1000	-52.37	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1000~3000	-51.34	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	3000~10000	-50.63	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.009~0.15	-47.08	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	0.15~30	-59.39	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	30~1000	-54.45	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1000~3000	-50.29	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	3000~10000	-50.07	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.009~0.15	-47.02	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	0.15~30	-59.81	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	30~1000	-55.74	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1000~3000	-51.35	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	3000~10000	-50.44	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.009~0.15	-46.48	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	0.15~30	-60.10	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	30~1000	-50.46	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1000~3000	-51.15	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	3000~10000	-50.32	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.009~0.15	-42.12	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	0.15~30	-59.88	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	30~1000	-52.76	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1000~3000	-52.64	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	3000~10000	-50.01	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.009~0.15	-47.11	PASS
Band5	3MHz	QPSK	20415	15RB#0	0.15~30	-60.59	PASS
Band5	3MHz	QPSK	20415	15RB#0	30~1000	-50.74	PASS
Band5	3MHz	QPSK	20415	15RB#0	1000~3000	-52.33	PASS
Band5	3MHz	QPSK	20415	15RB#0	3000~10000	-49.62	PASS
Band5	3MHz	16QAM	20415	15RB#0	0.009~0.15	-46.79	PASS

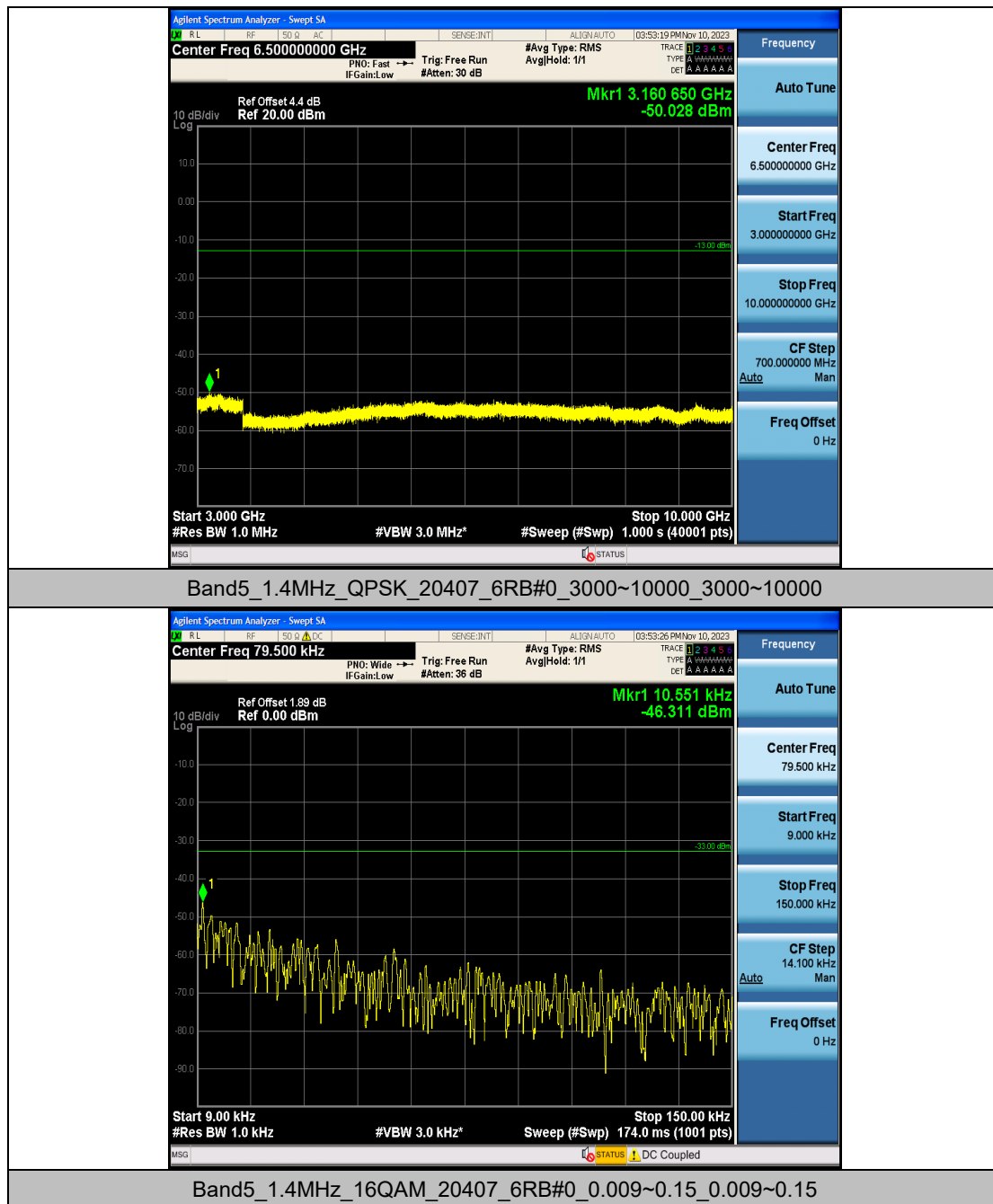
Band5	3MHz	16QAM	20415	15RB#0	0.15~30	-57.46	PASS
Band5	3MHz	16QAM	20415	15RB#0	30~1000	-53.48	PASS
Band5	3MHz	16QAM	20415	15RB#0	1000~3000	-52.93	PASS
Band5	3MHz	16QAM	20415	15RB#0	3000~10000	-50.25	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.009~0.15	-47.41	PASS
Band5	3MHz	QPSK	20525	15RB#0	0.15~30	-58.49	PASS
Band5	3MHz	QPSK	20525	15RB#0	30~1000	-52.80	PASS
Band5	3MHz	QPSK	20525	15RB#0	1000~3000	-52.65	PASS
Band5	3MHz	QPSK	20525	15RB#0	3000~10000	-50.38	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.009~0.15	-49.19	PASS
Band5	3MHz	16QAM	20525	15RB#0	0.15~30	-58.31	PASS
Band5	3MHz	16QAM	20525	15RB#0	30~1000	-55.33	PASS
Band5	3MHz	16QAM	20525	15RB#0	1000~3000	-52.61	PASS
Band5	3MHz	16QAM	20525	15RB#0	3000~10000	-49.92	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.009~0.15	-47.02	PASS
Band5	3MHz	QPSK	20635	15RB#0	0.15~30	-58.78	PASS
Band5	3MHz	QPSK	20635	15RB#0	30~1000	-51.56	PASS
Band5	3MHz	QPSK	20635	15RB#0	1000~3000	-52.87	PASS
Band5	3MHz	QPSK	20635	15RB#0	3000~10000	-50.17	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.009~0.15	-48.06	PASS
Band5	3MHz	16QAM	20635	15RB#0	0.15~30	-59.31	PASS
Band5	3MHz	16QAM	20635	15RB#0	30~1000	-54.36	PASS
Band5	3MHz	16QAM	20635	15RB#0	1000~3000	-52.07	PASS
Band5	3MHz	16QAM	20635	15RB#0	3000~10000	-49.90	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.009~0.15	-48.64	PASS
Band5	5MHz	QPSK	20425	25RB#0	0.15~30	-57.77	PASS
Band5	5MHz	QPSK	20425	25RB#0	30~1000	-53.34	PASS
Band5	5MHz	QPSK	20425	25RB#0	1000~3000	-52.70	PASS
Band5	5MHz	QPSK	20425	25RB#0	3000~10000	-50.36	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.009~0.15	-47.67	PASS
Band5	5MHz	16QAM	20425	25RB#0	0.15~30	-58.01	PASS
Band5	5MHz	16QAM	20425	25RB#0	30~1000	-55.49	PASS
Band5	5MHz	16QAM	20425	25RB#0	1000~3000	-52.39	PASS
Band5	5MHz	16QAM	20425	25RB#0	3000~10000	-49.79	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.009~0.15	-46.88	PASS
Band5	5MHz	QPSK	20525	25RB#0	0.15~30	-57.72	PASS
Band5	5MHz	QPSK	20525	25RB#0	30~1000	-55.11	PASS
Band5	5MHz	QPSK	20525	25RB#0	1000~3000	-52.29	PASS
Band5	5MHz	QPSK	20525	25RB#0	3000~10000	-50.03	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.009~0.15	-45.46	PASS
Band5	5MHz	16QAM	20525	25RB#0	0.15~30	-58.29	PASS
Band5	5MHz	16QAM	20525	25RB#0	30~1000	-55.89	PASS
Band5	5MHz	16QAM	20525	25RB#0	1000~3000	-52.77	PASS

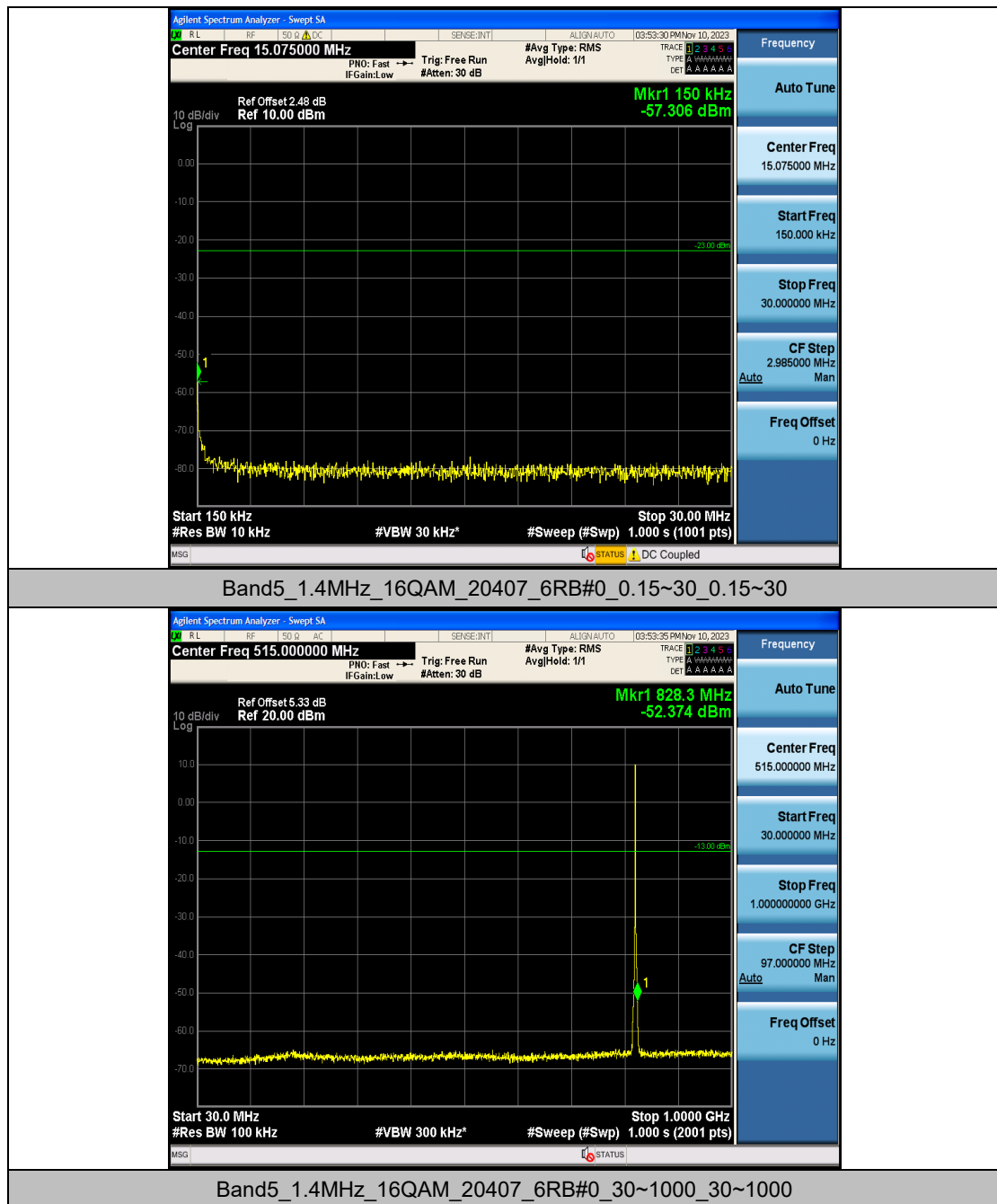
Band5	5MHz	16QAM	20525	25RB#0	3000~10000	-50.51	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.009~0.15	-47.94	PASS
Band5	5MHz	QPSK	20625	25RB#0	0.15~30	-58.75	PASS
Band5	5MHz	QPSK	20625	25RB#0	30~1000	-52.88	PASS
Band5	5MHz	QPSK	20625	25RB#0	1000~3000	-53.05	PASS
Band5	5MHz	QPSK	20625	25RB#0	3000~10000	-50.21	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.009~0.15	-50.59	PASS
Band5	5MHz	16QAM	20625	25RB#0	0.15~30	-59.66	PASS
Band5	5MHz	16QAM	20625	25RB#0	30~1000	-55.38	PASS
Band5	5MHz	16QAM	20625	25RB#0	1000~3000	-52.51	PASS
Band5	5MHz	16QAM	20625	25RB#0	3000~10000	-50.03	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.009~0.15	-47.99	PASS
Band5	10MHz	QPSK	20450	50RB#0	0.15~30	-57.52	PASS
Band5	10MHz	QPSK	20450	50RB#0	30~1000	-63.10	PASS
Band5	10MHz	QPSK	20450	50RB#0	1000~3000	-52.87	PASS
Band5	10MHz	QPSK	20450	50RB#0	3000~10000	-50.42	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.009~0.15	-47.36	PASS
Band5	10MHz	16QAM	20450	50RB#0	0.15~30	-57.58	PASS
Band5	10MHz	16QAM	20450	50RB#0	30~1000	-63.30	PASS
Band5	10MHz	16QAM	20450	50RB#0	1000~3000	-50.46	PASS
Band5	10MHz	16QAM	20450	50RB#0	3000~10000	-50.40	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.009~0.15	-47.02	PASS
Band5	10MHz	QPSK	20525	50RB#0	0.15~30	-61.06	PASS
Band5	10MHz	QPSK	20525	50RB#0	30~1000	-57.99	PASS
Band5	10MHz	QPSK	20525	50RB#0	1000~3000	-52.14	PASS
Band5	10MHz	QPSK	20525	50RB#0	3000~10000	-49.78	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.009~0.15	-45.78	PASS
Band5	10MHz	16QAM	20525	50RB#0	0.15~30	-60.98	PASS
Band5	10MHz	16QAM	20525	50RB#0	30~1000	-60.12	PASS
Band5	10MHz	16QAM	20525	50RB#0	1000~3000	-52.71	PASS
Band5	10MHz	16QAM	20525	50RB#0	3000~10000	-50.18	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.009~0.15	-50.61	PASS
Band5	10MHz	QPSK	20600	50RB#0	0.15~30	-56.77	PASS
Band5	10MHz	QPSK	20600	50RB#0	30~1000	-56.24	PASS
Band5	10MHz	QPSK	20600	50RB#0	1000~3000	-52.81	PASS
Band5	10MHz	QPSK	20600	50RB#0	3000~10000	-50.17	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.009~0.15	-44.44	PASS
Band5	10MHz	16QAM	20600	50RB#0	0.15~30	-58.47	PASS
Band5	10MHz	16QAM	20600	50RB#0	30~1000	-58.79	PASS
Band5	10MHz	16QAM	20600	50RB#0	1000~3000	-52.71	PASS
Band5	10MHz	16QAM	20600	50RB#0	3000~10000	-50.00	PASS

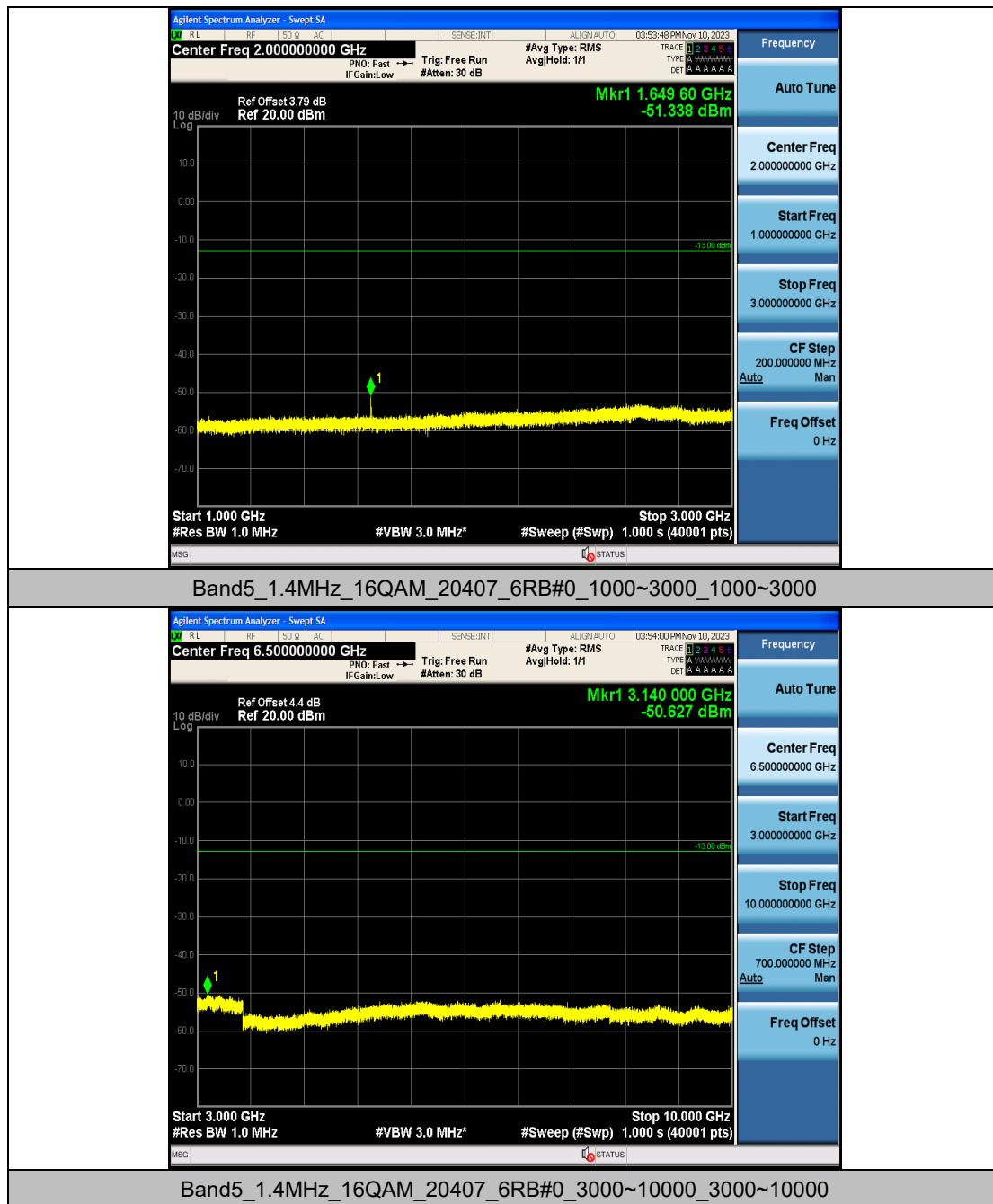
Test Graphs

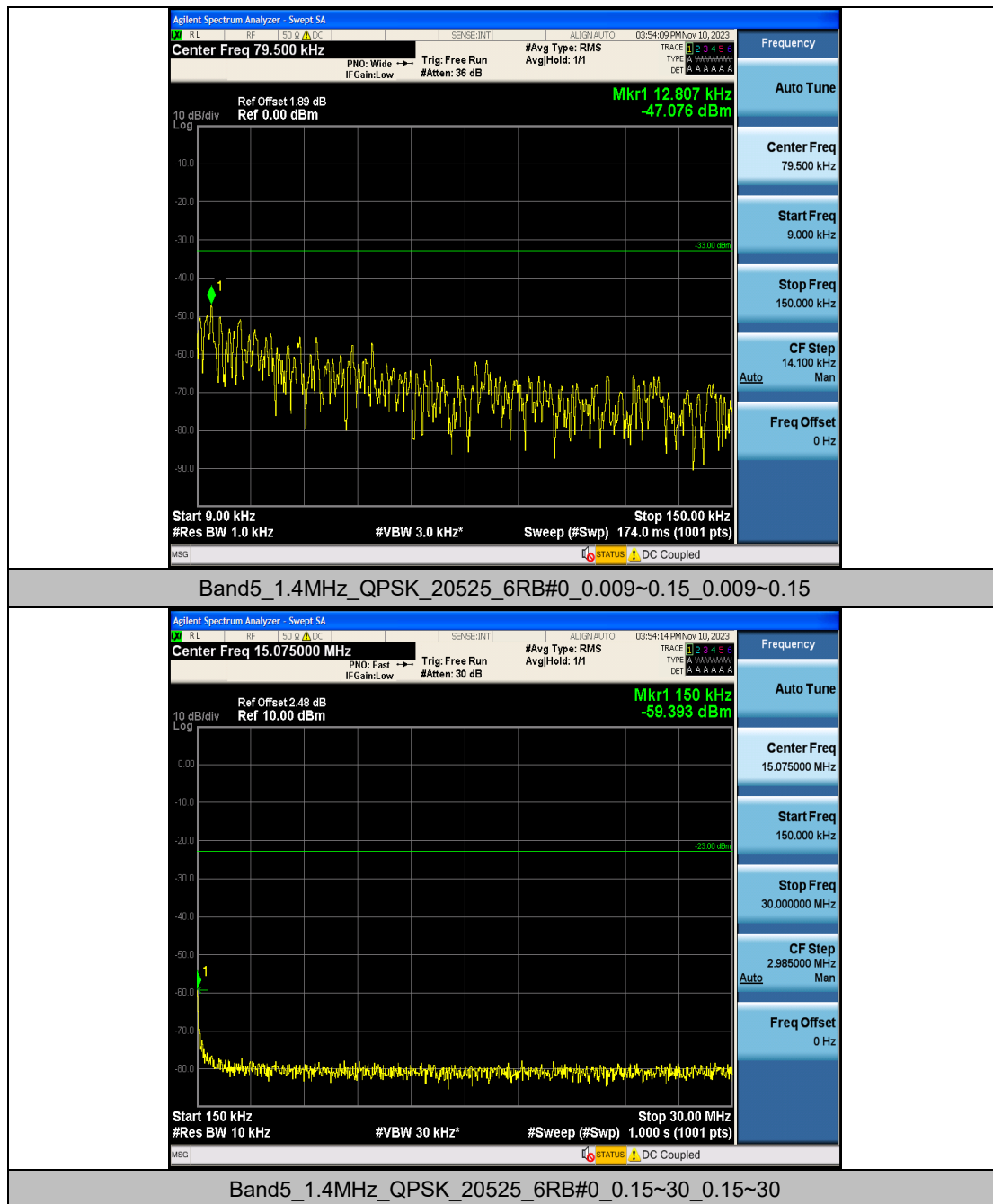


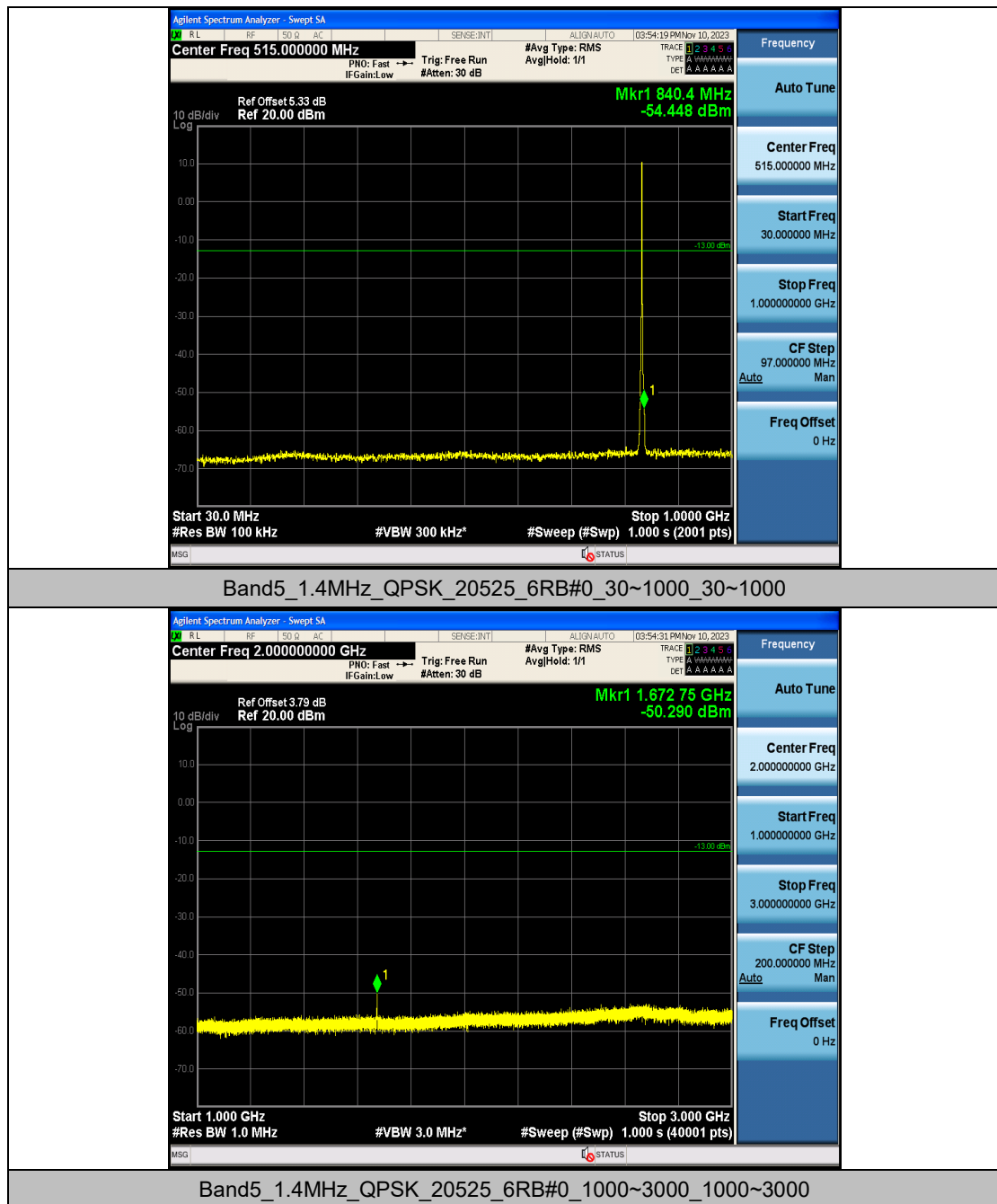


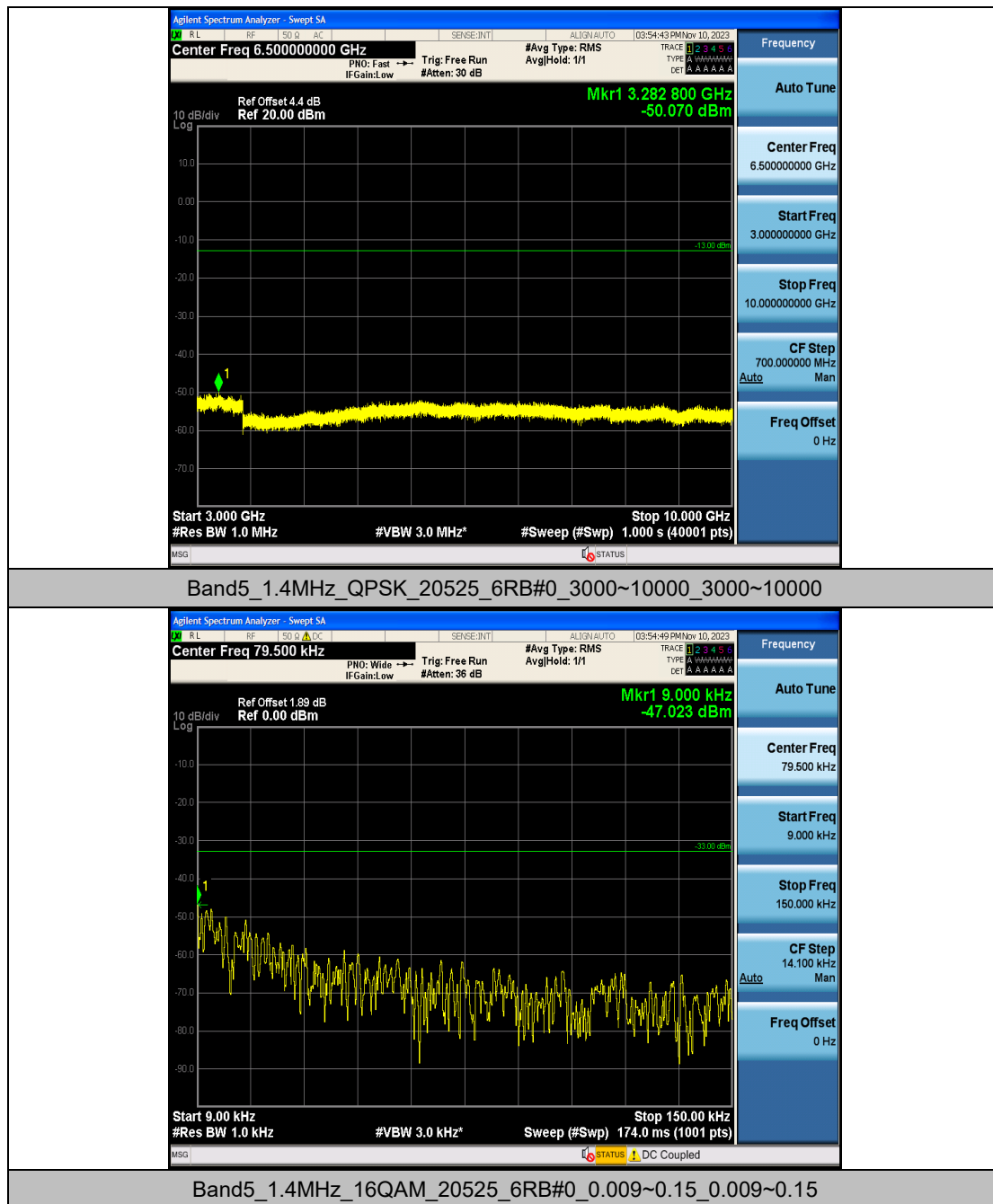


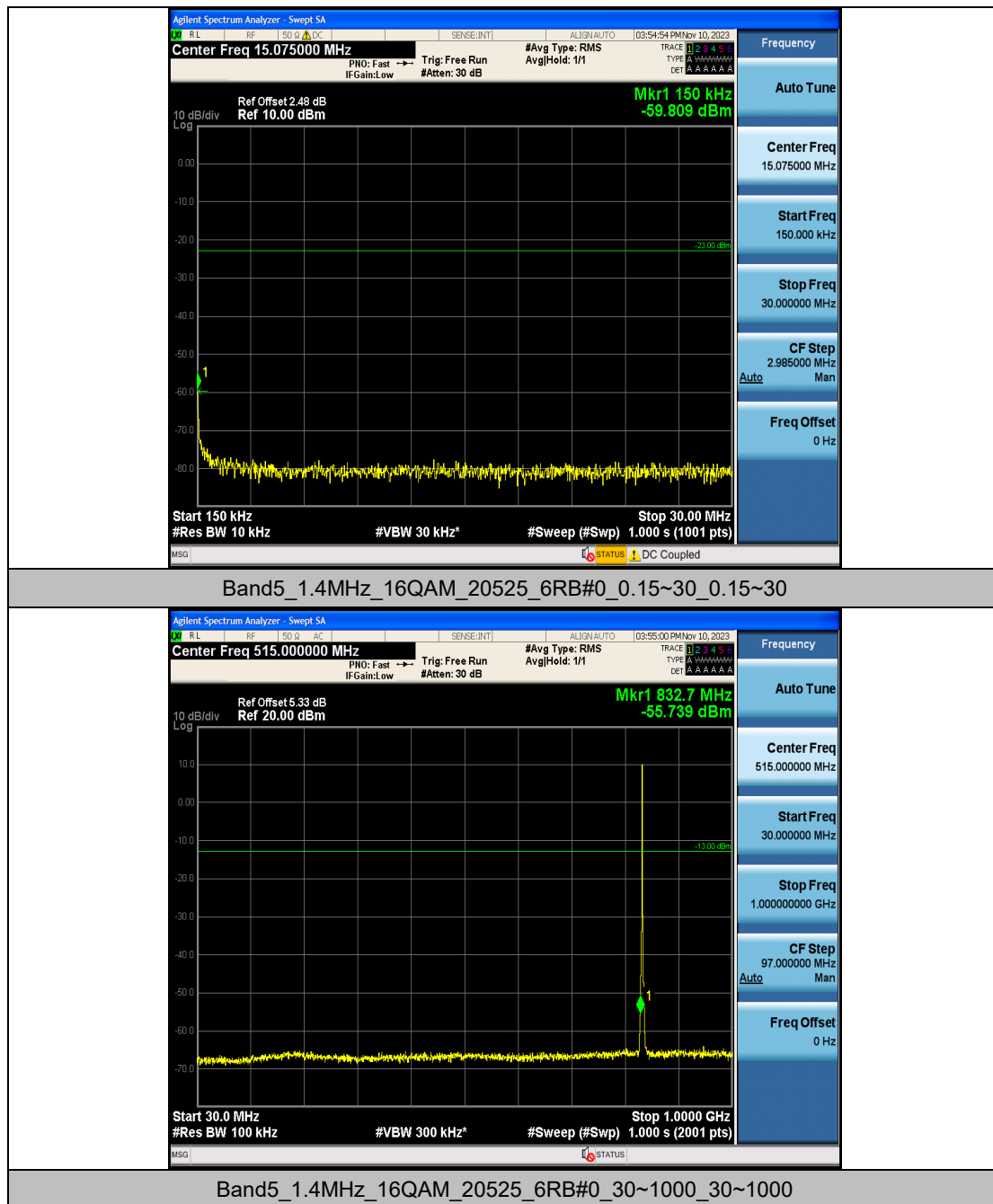


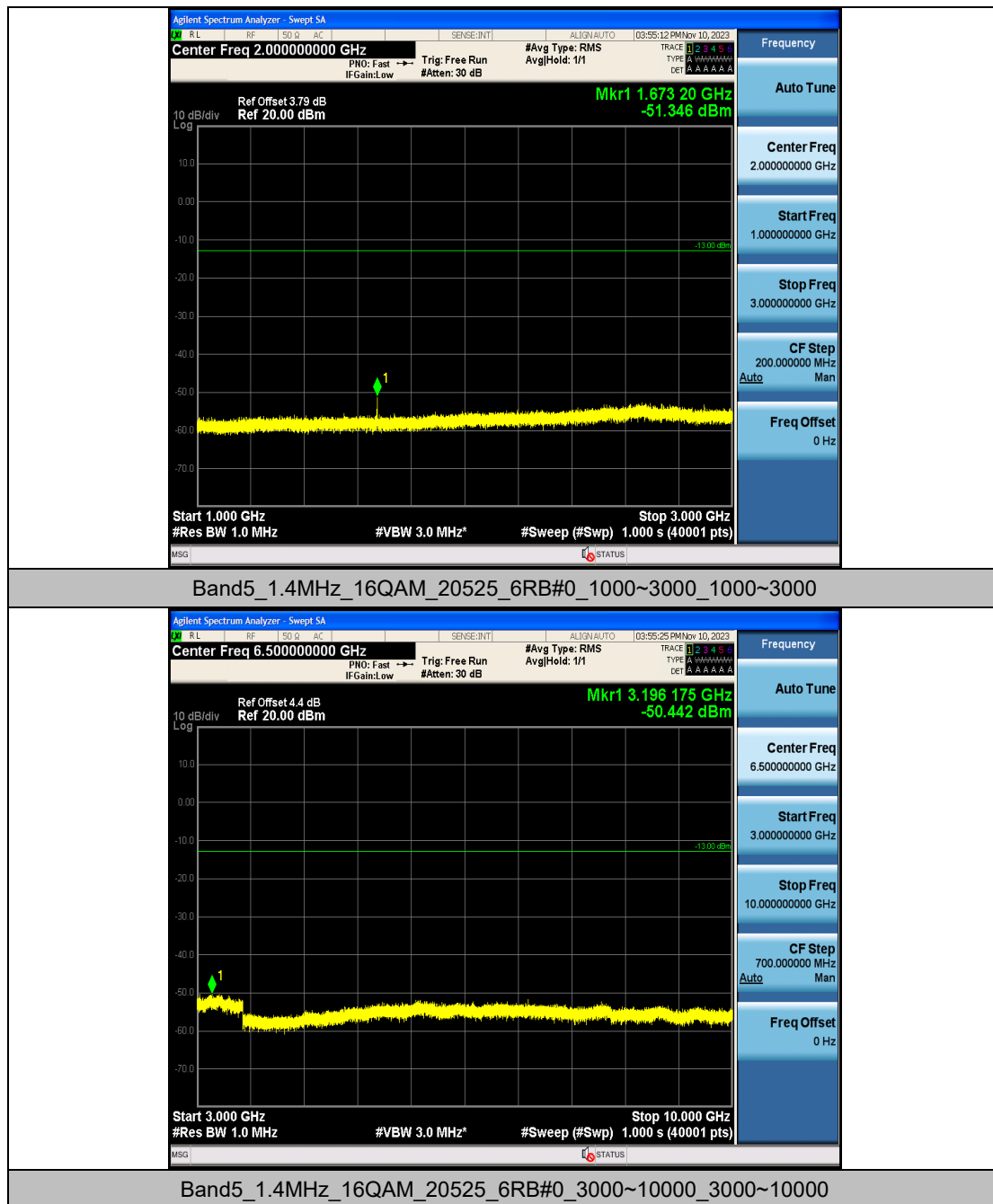


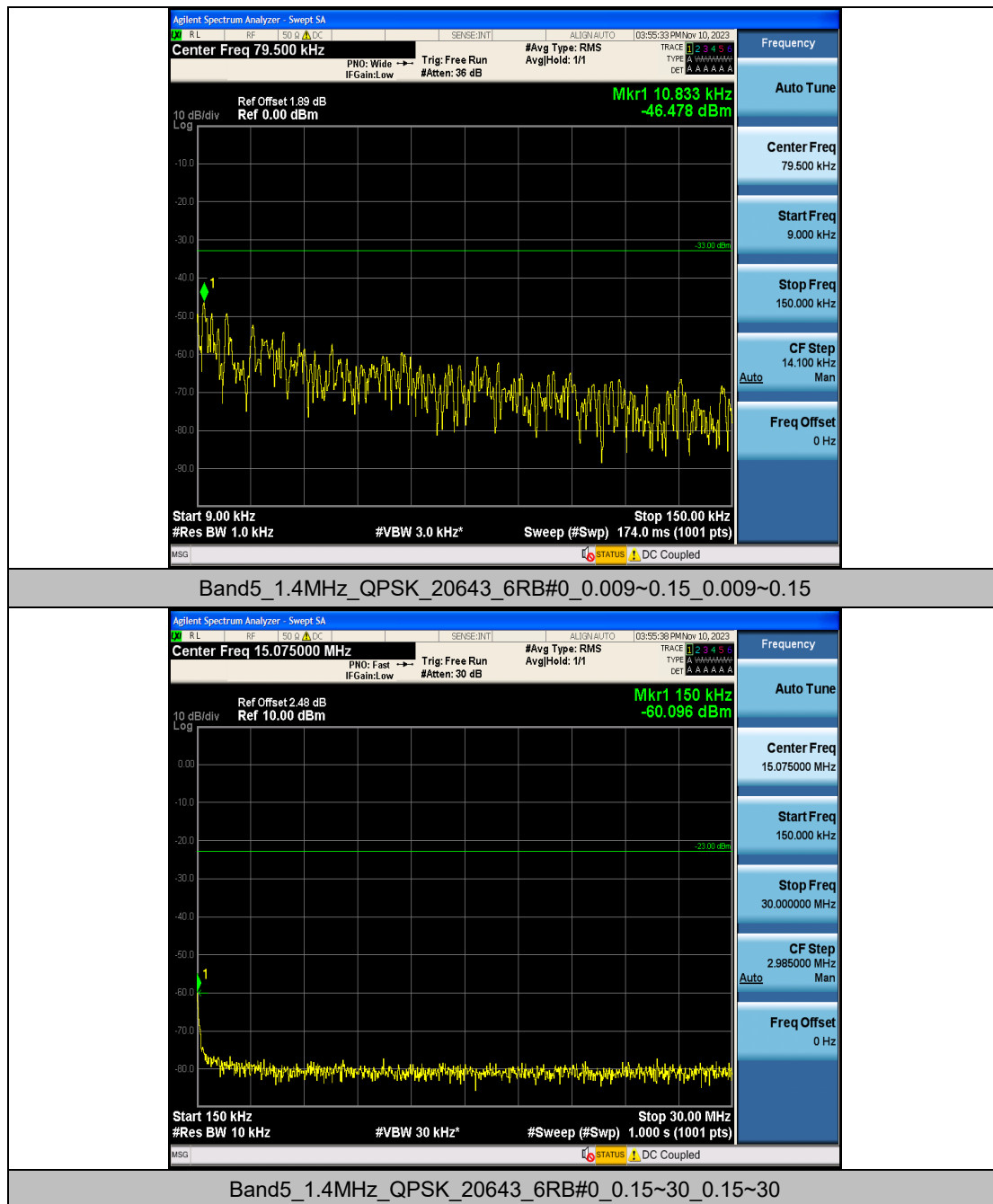


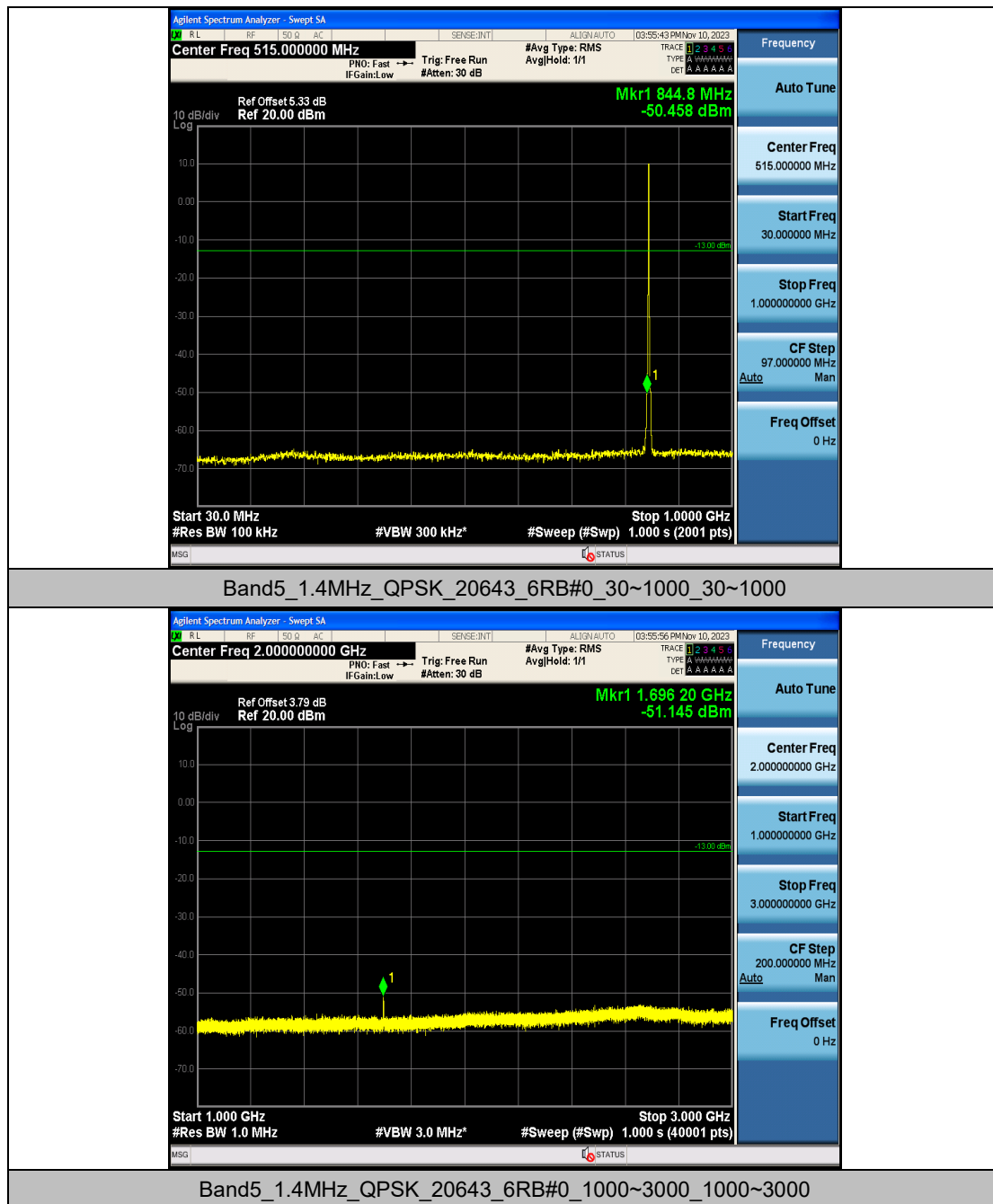


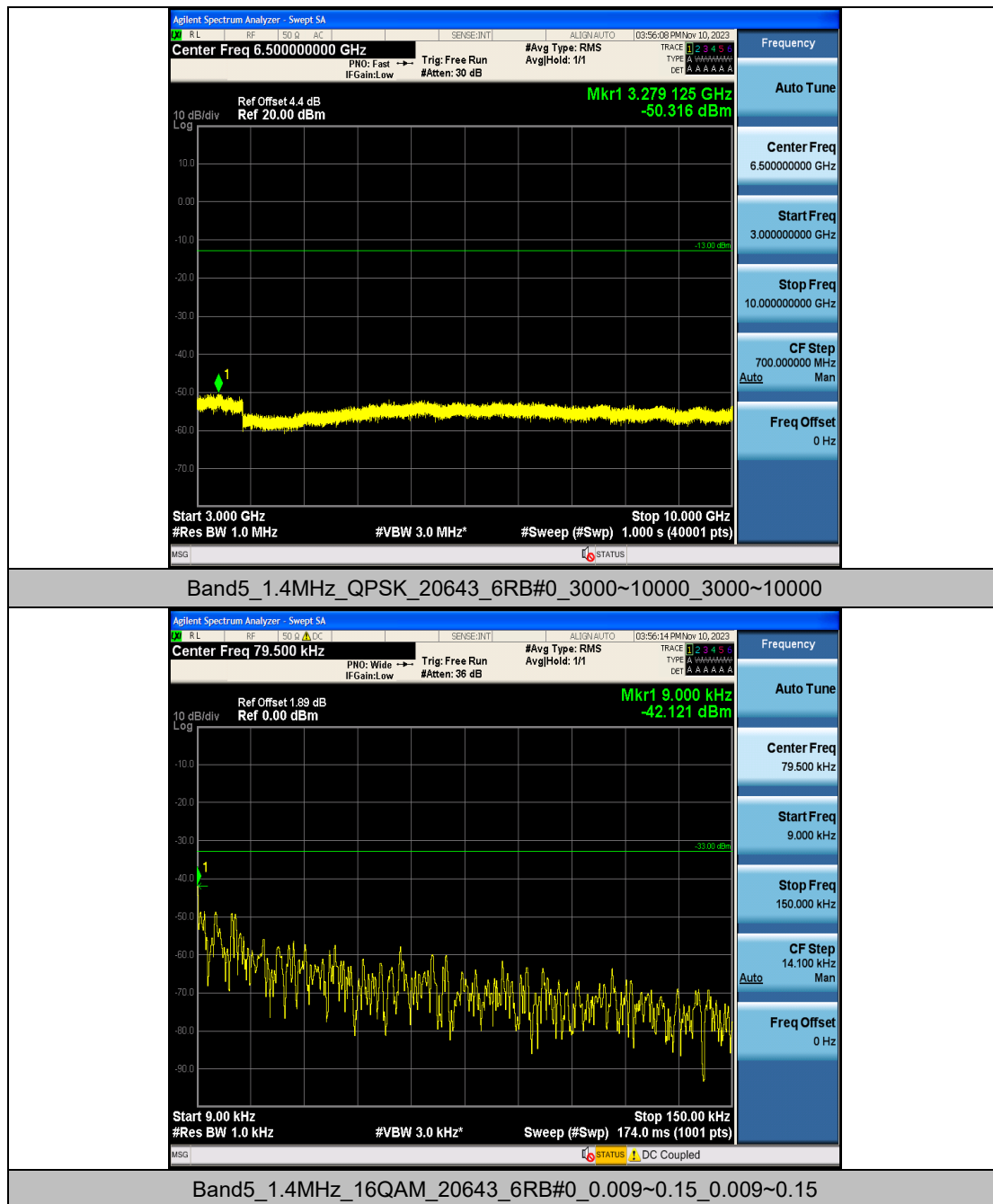


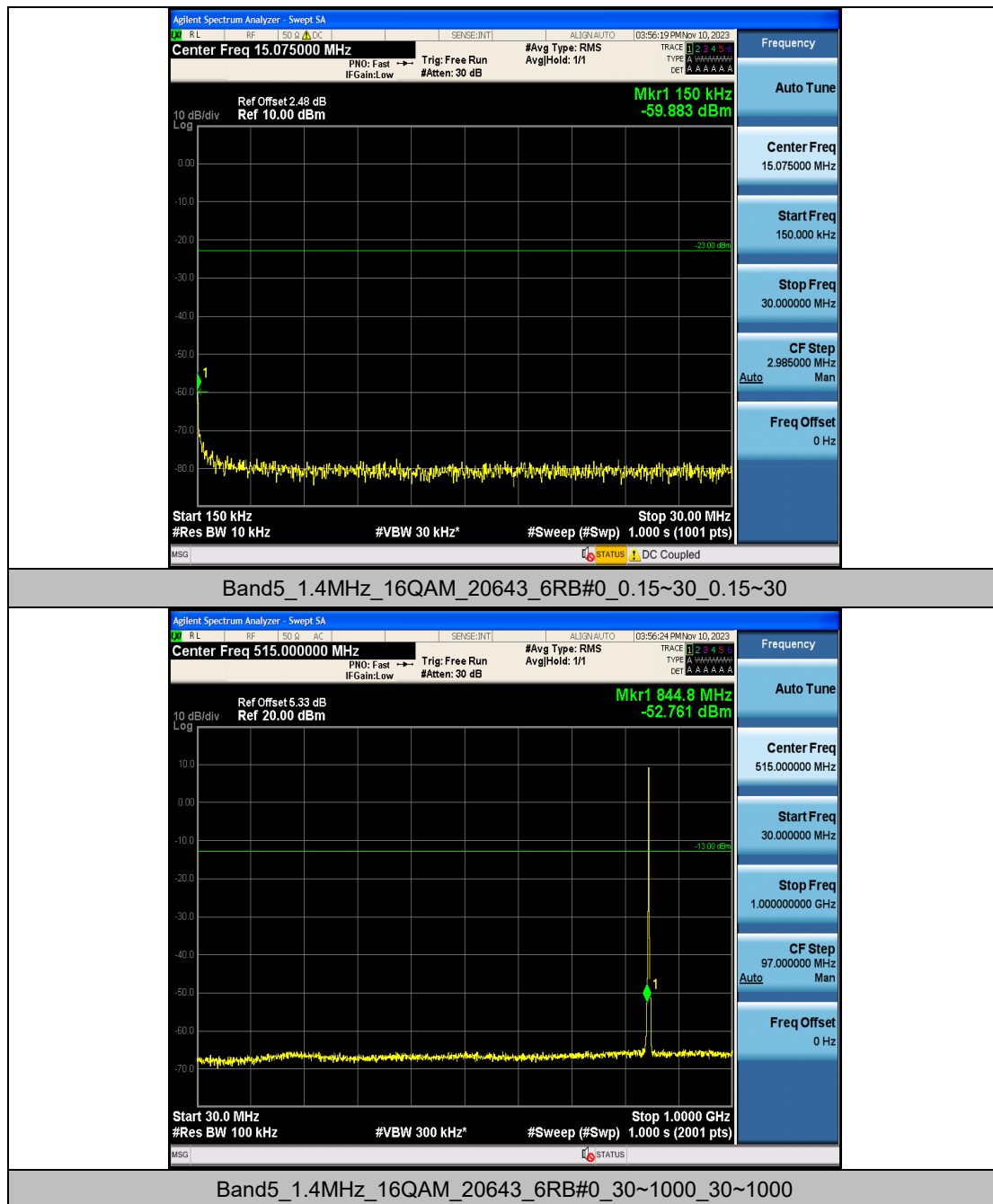


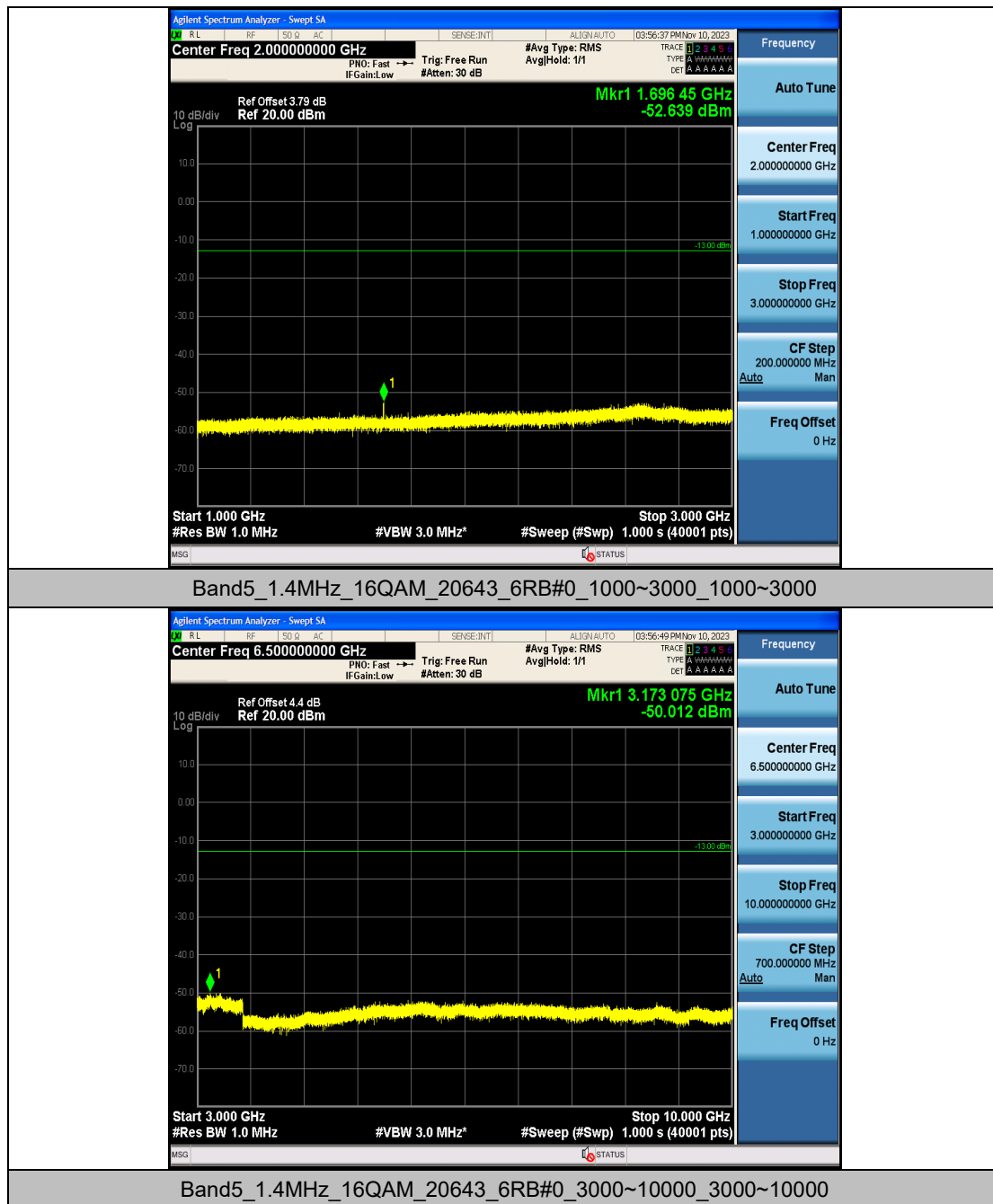


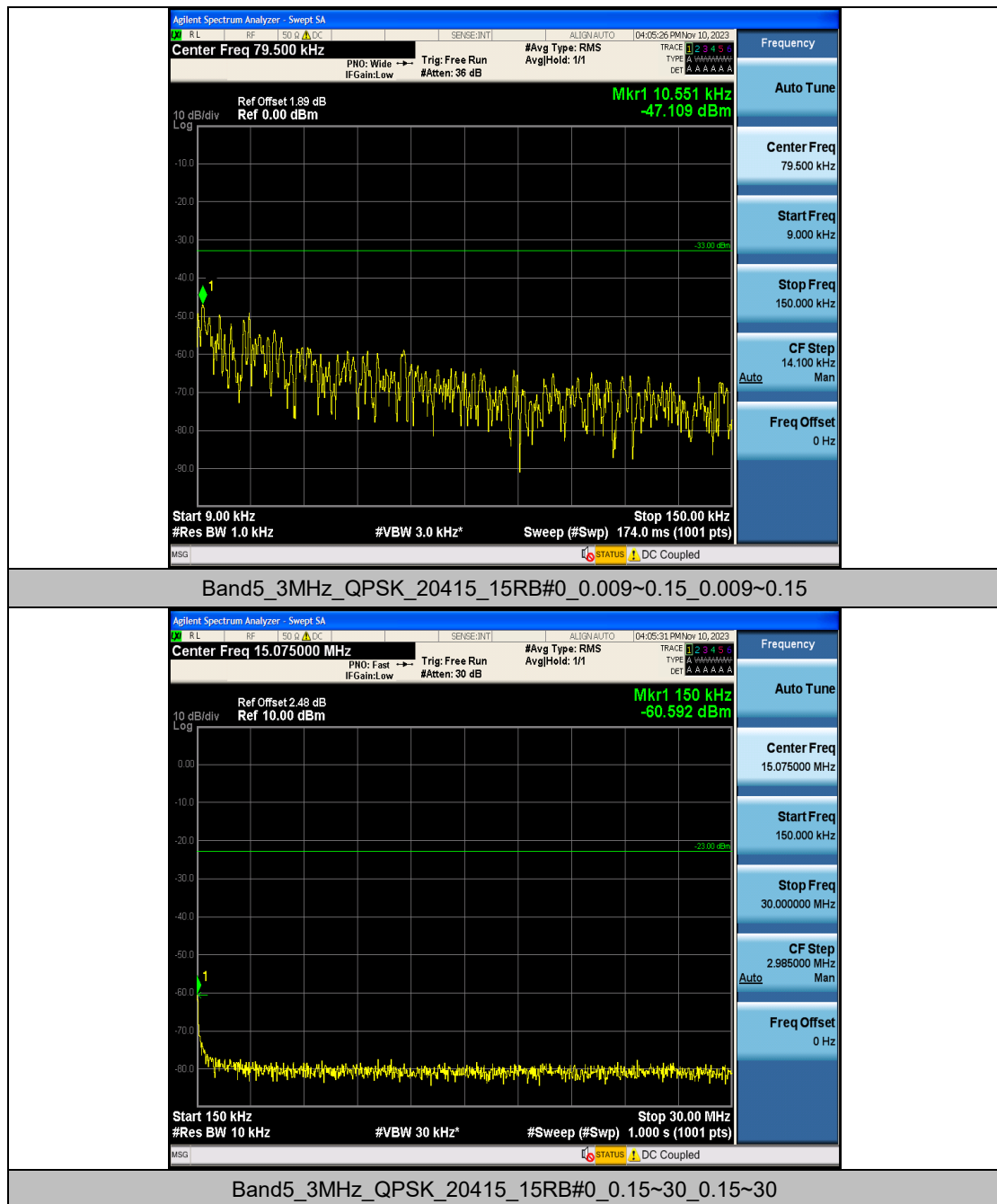


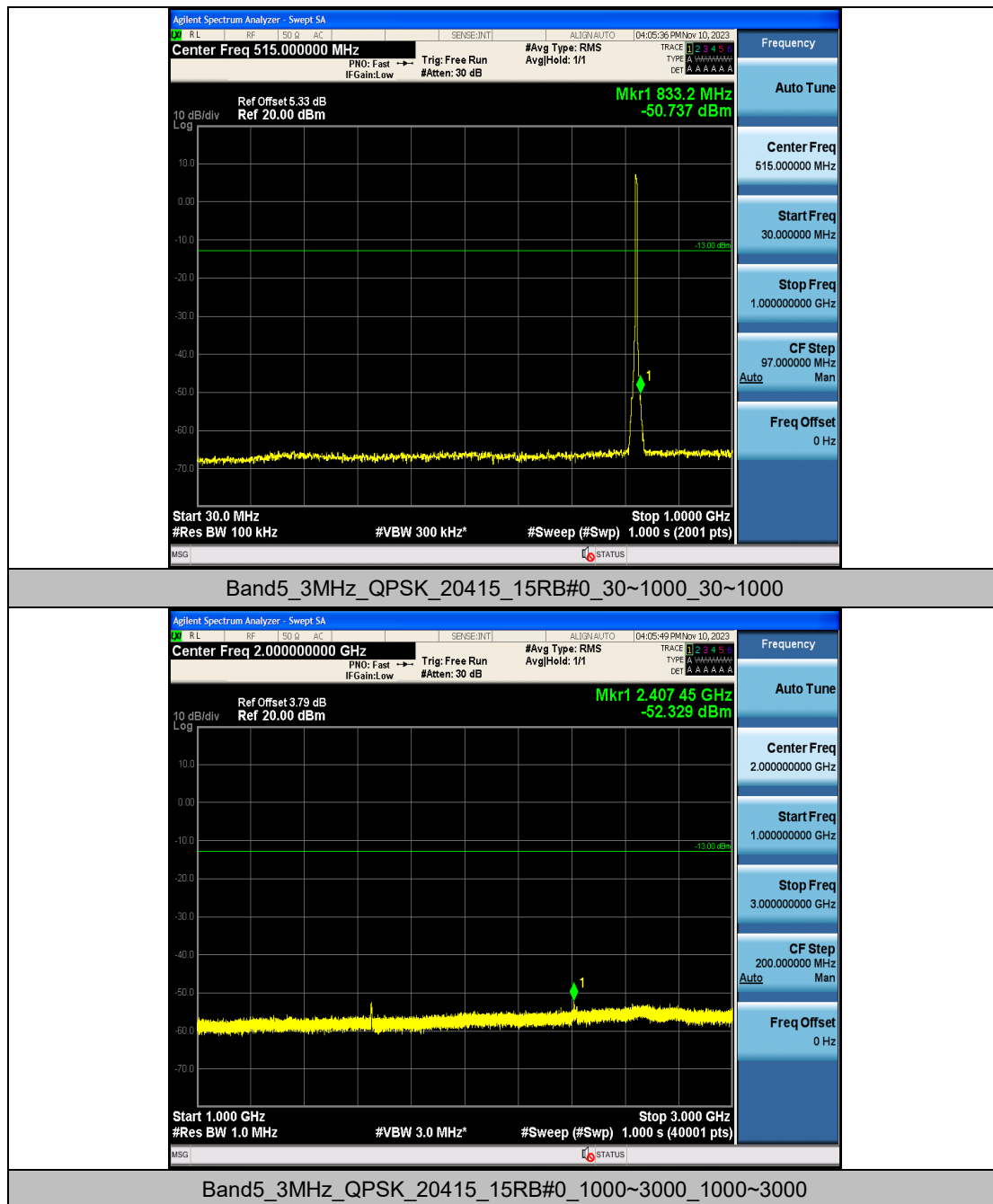


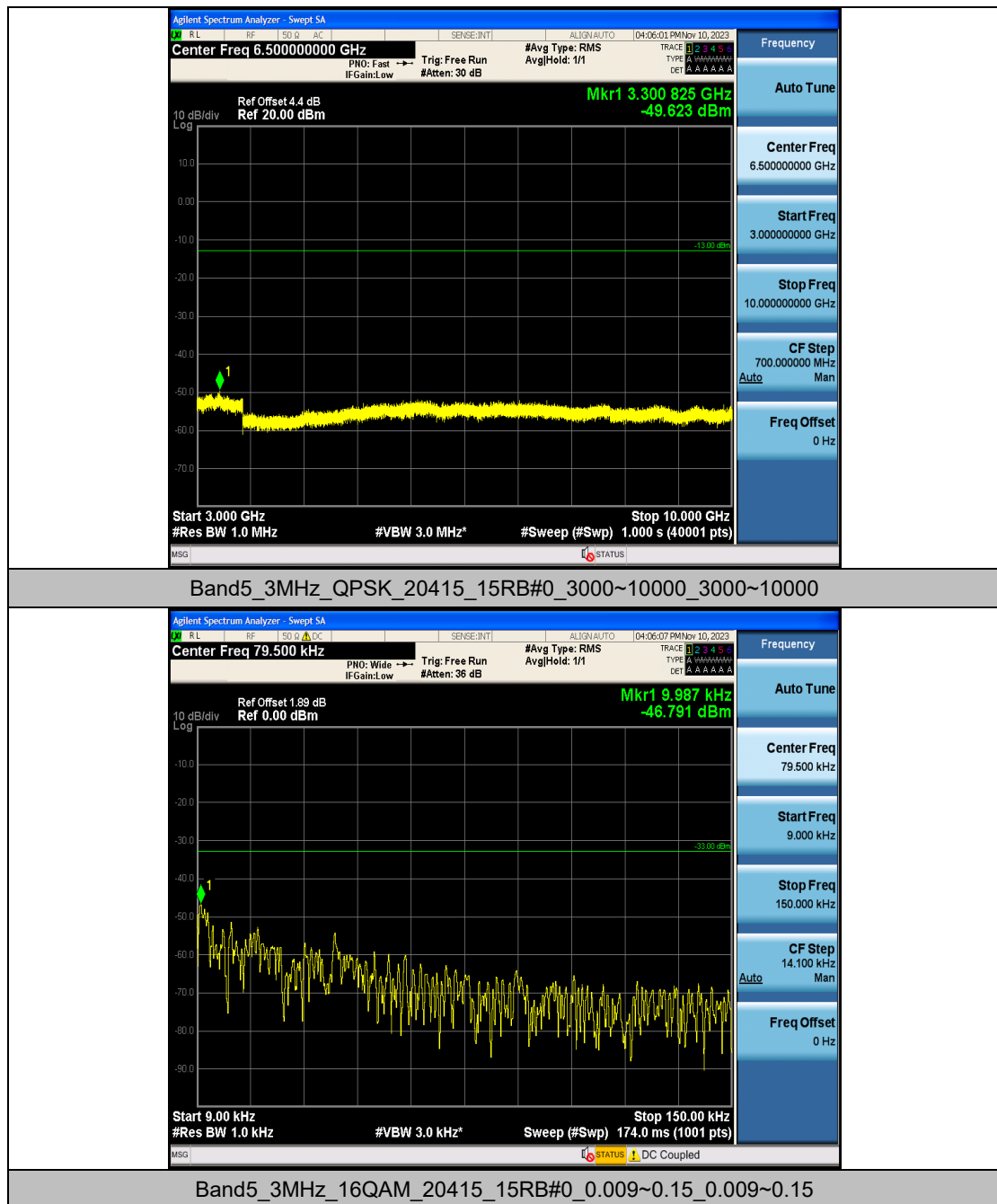


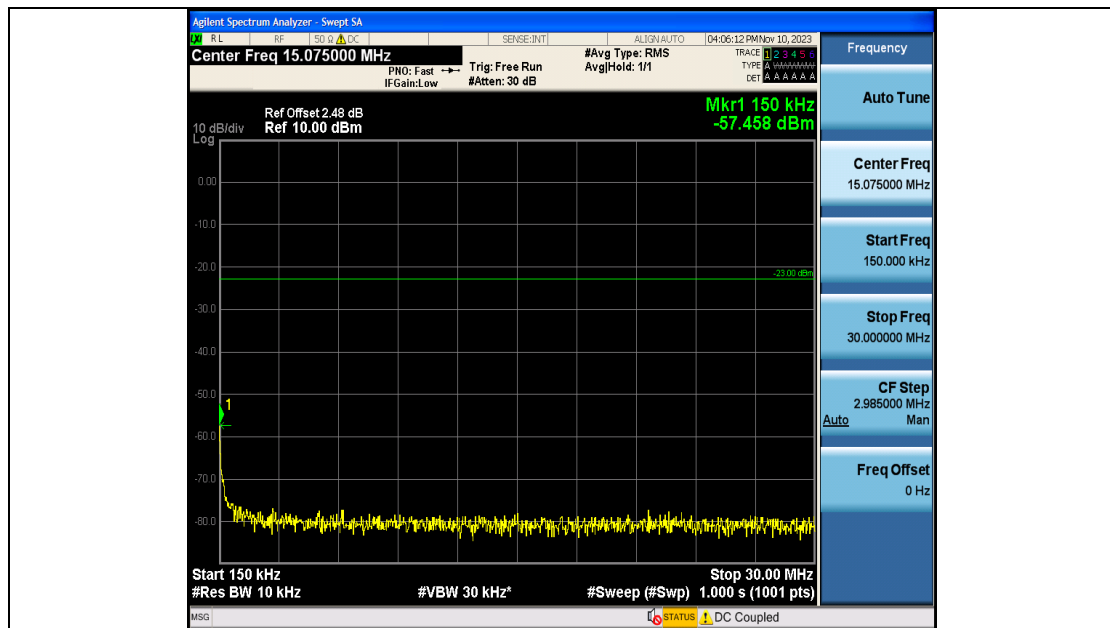




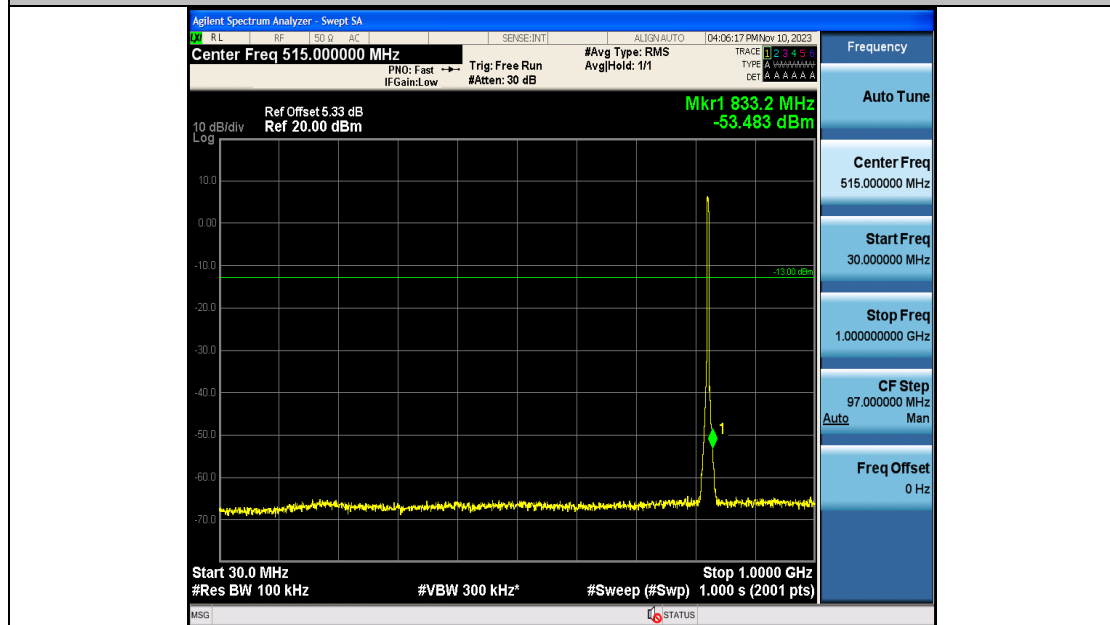








Band5_3MHz_16QAM_20415_15RB#0_0.15~30_0.15~30



Band5_3MHz_16QAM_20415_15RB#0_30~1000_30~1000

