

FCC LTE Band Test Data

FCC ID : 2A35K-DL5PRO

Company: : Shenzhen Mytron Technology Limited

EUT : LTE smart phone

Model Number : Digicel DL5 Pro

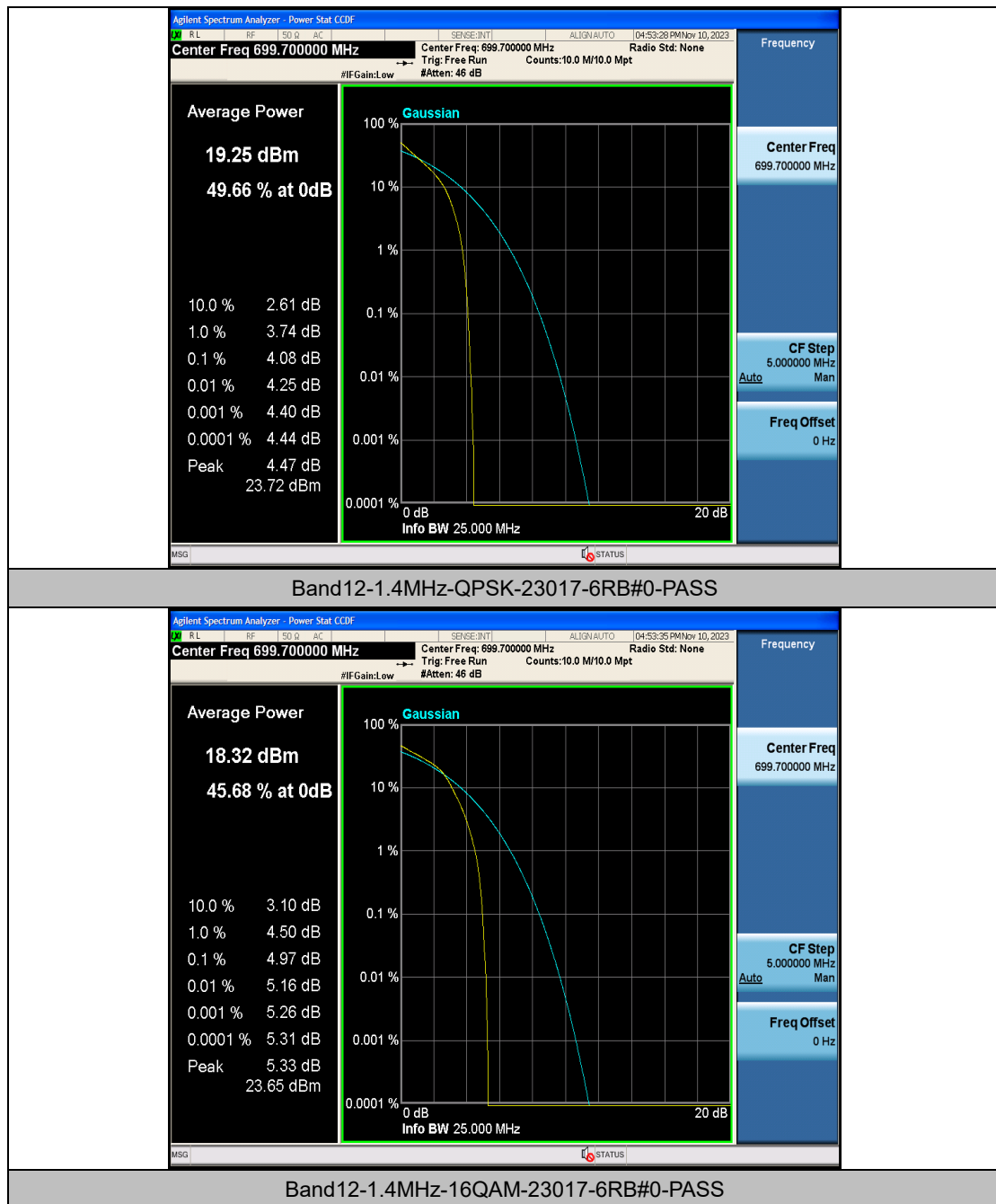
Reviewed By : Eric Wang

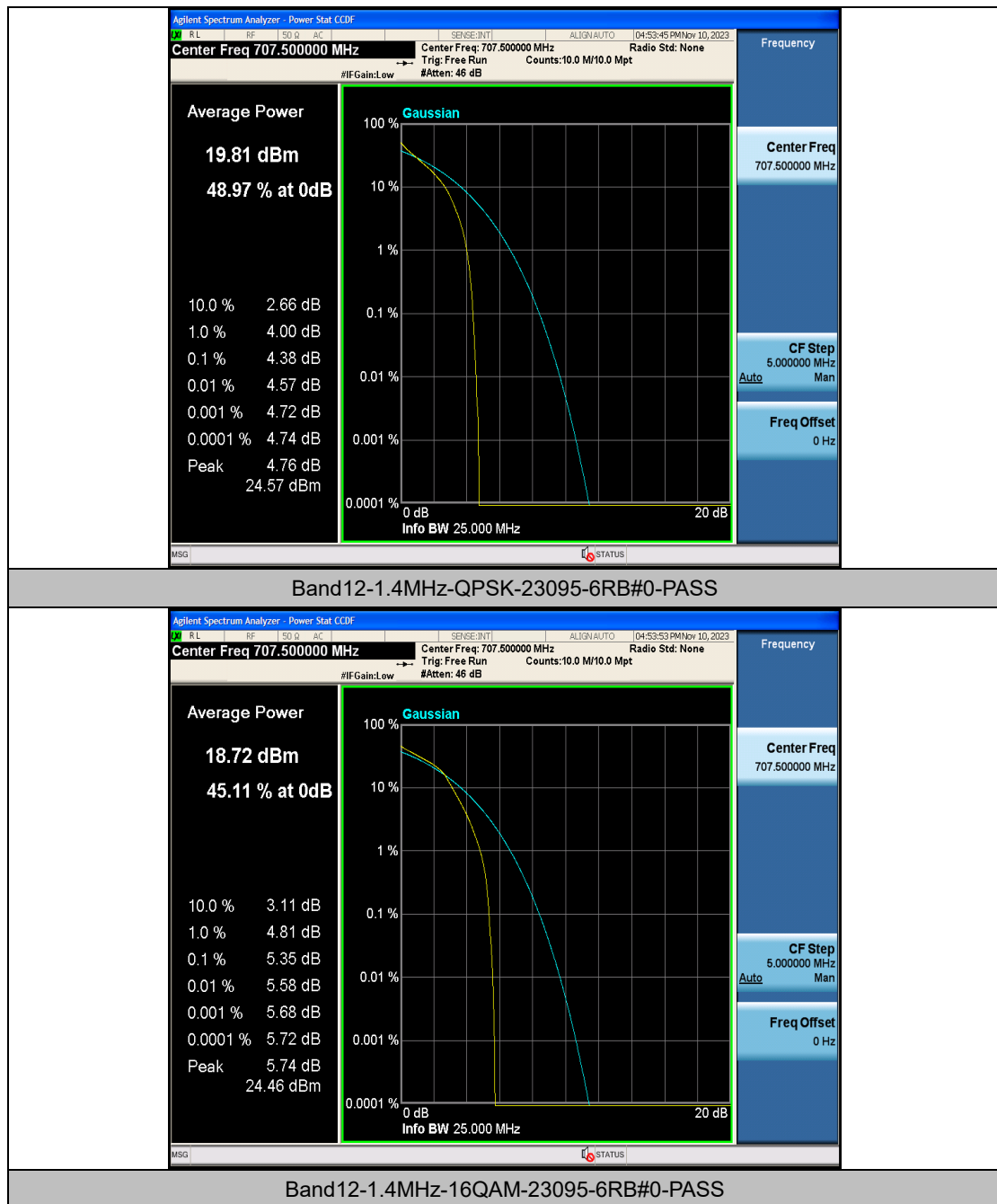
Appendix B: Peak-to-Average Ratio(CCDF)

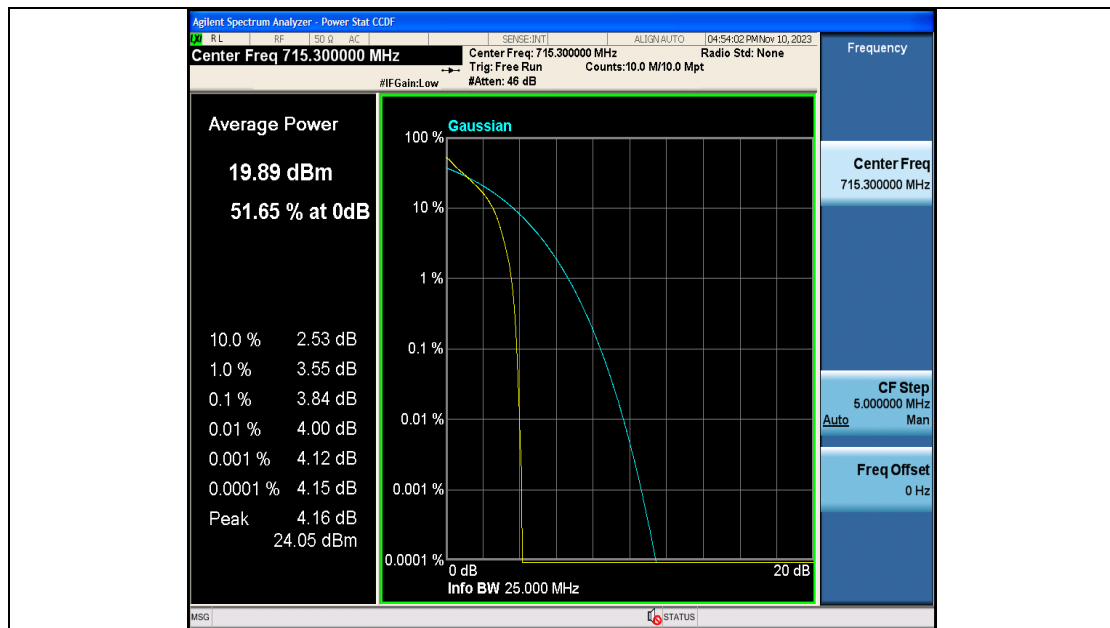
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	4.08	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	4.97	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.38	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.35	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3.84	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	4.65	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.13	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.11	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.35	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.27	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	3.93	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	4.94	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.23	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.08	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.35	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.25	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.17	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.05	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.36	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.29	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.42	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.35	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.40	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.30	13	PASS

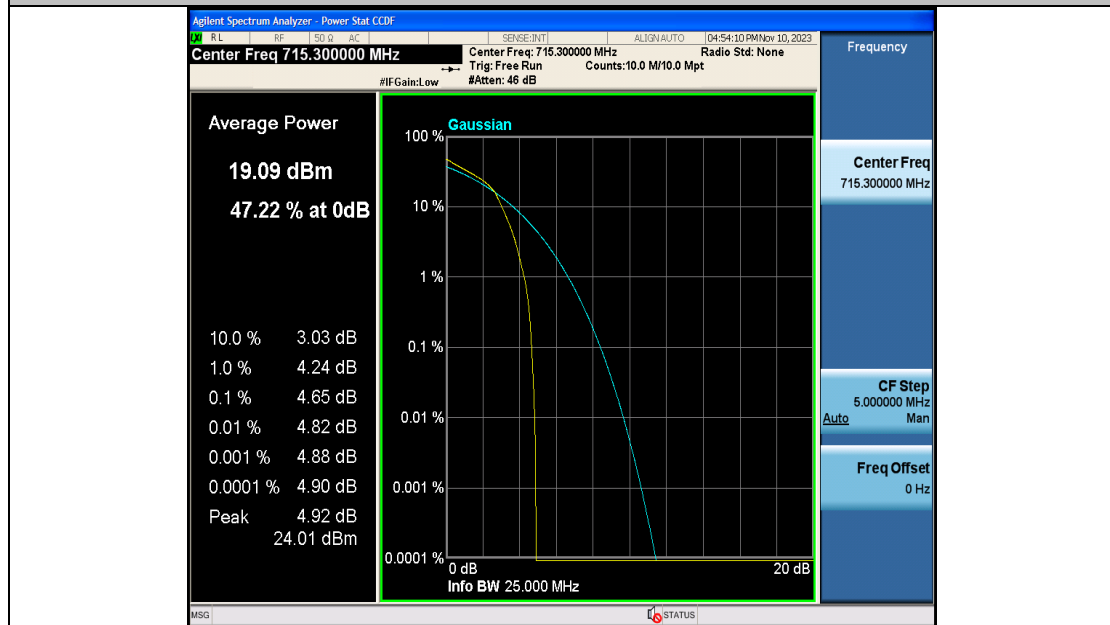
Test Graphs



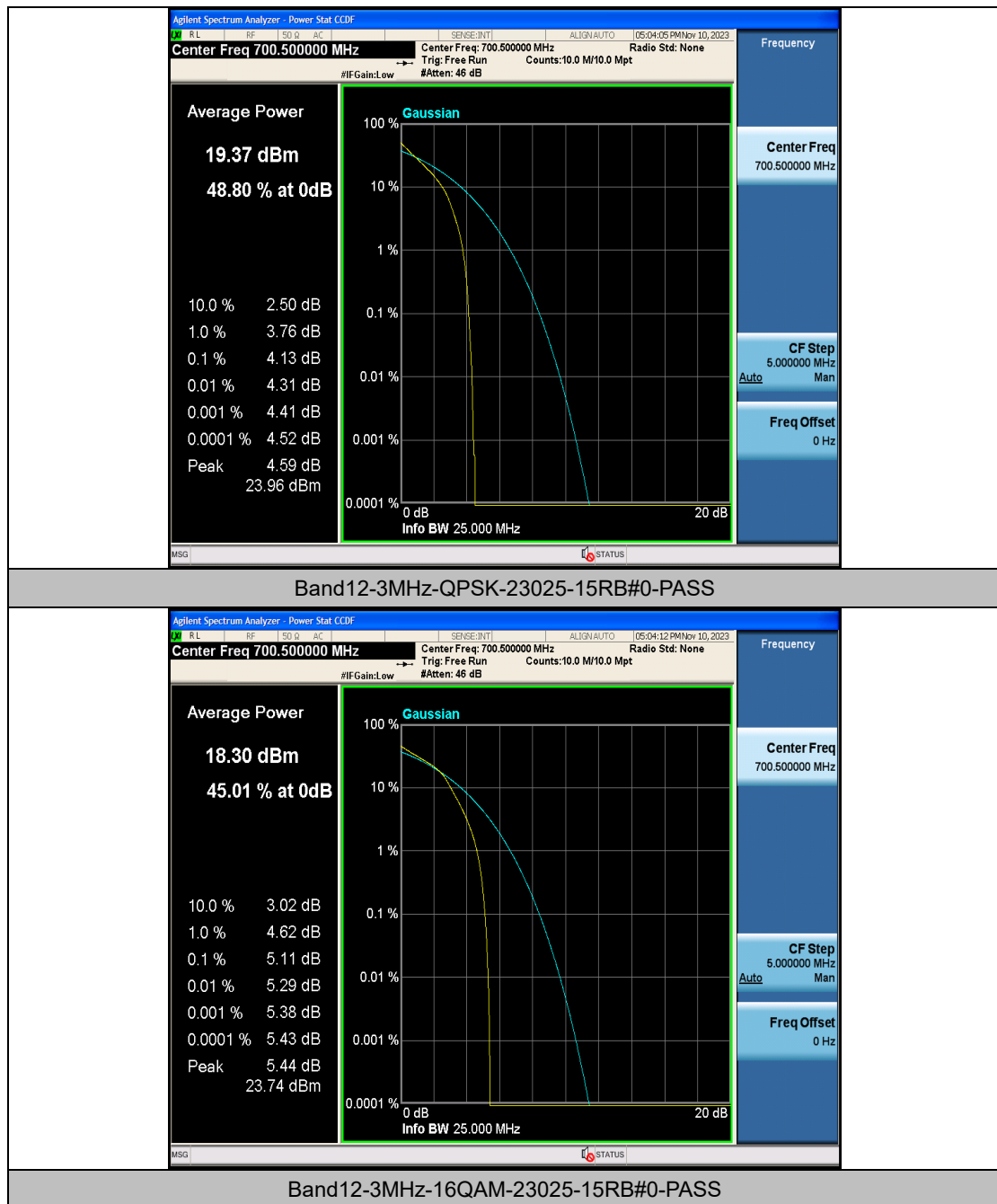


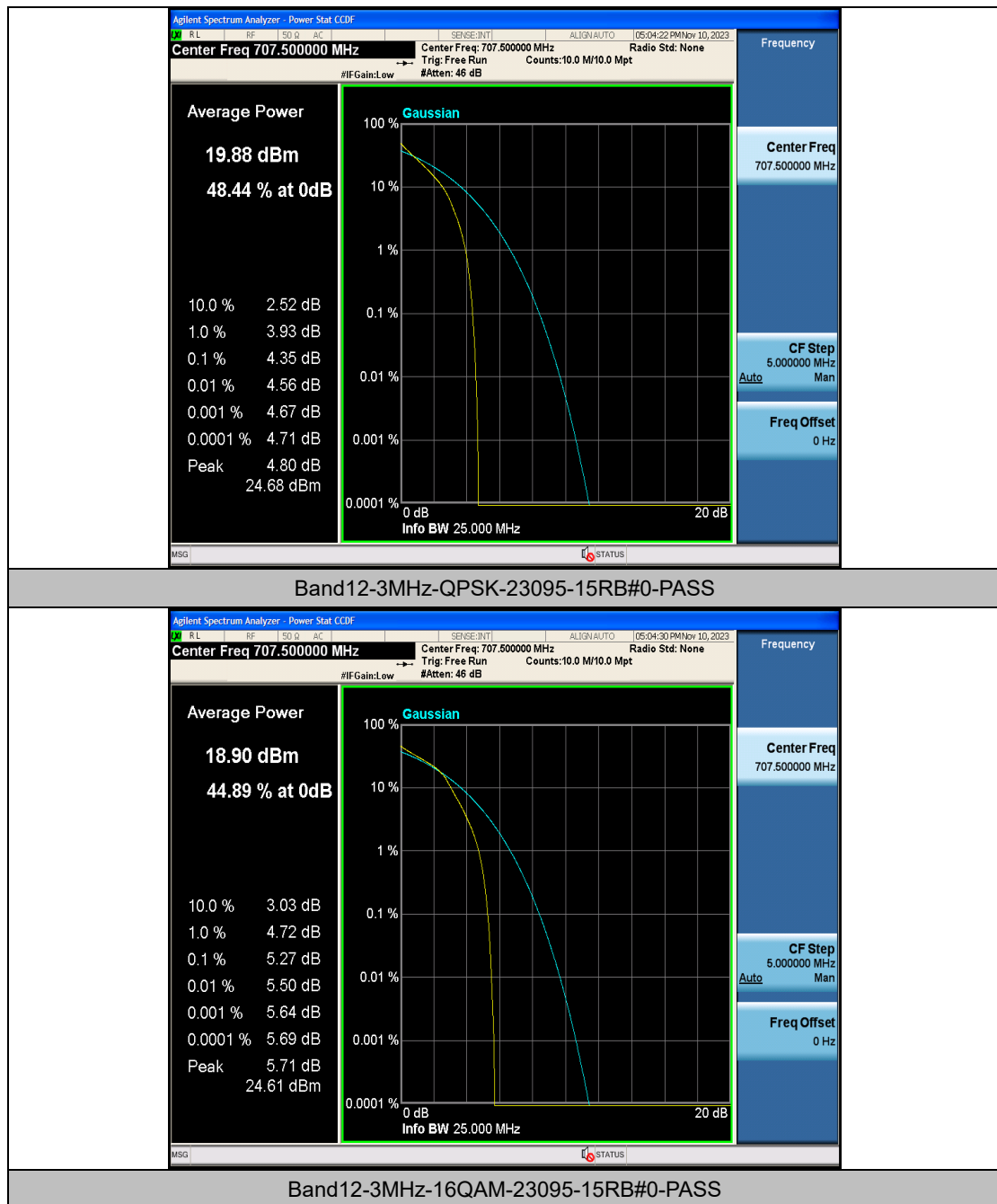


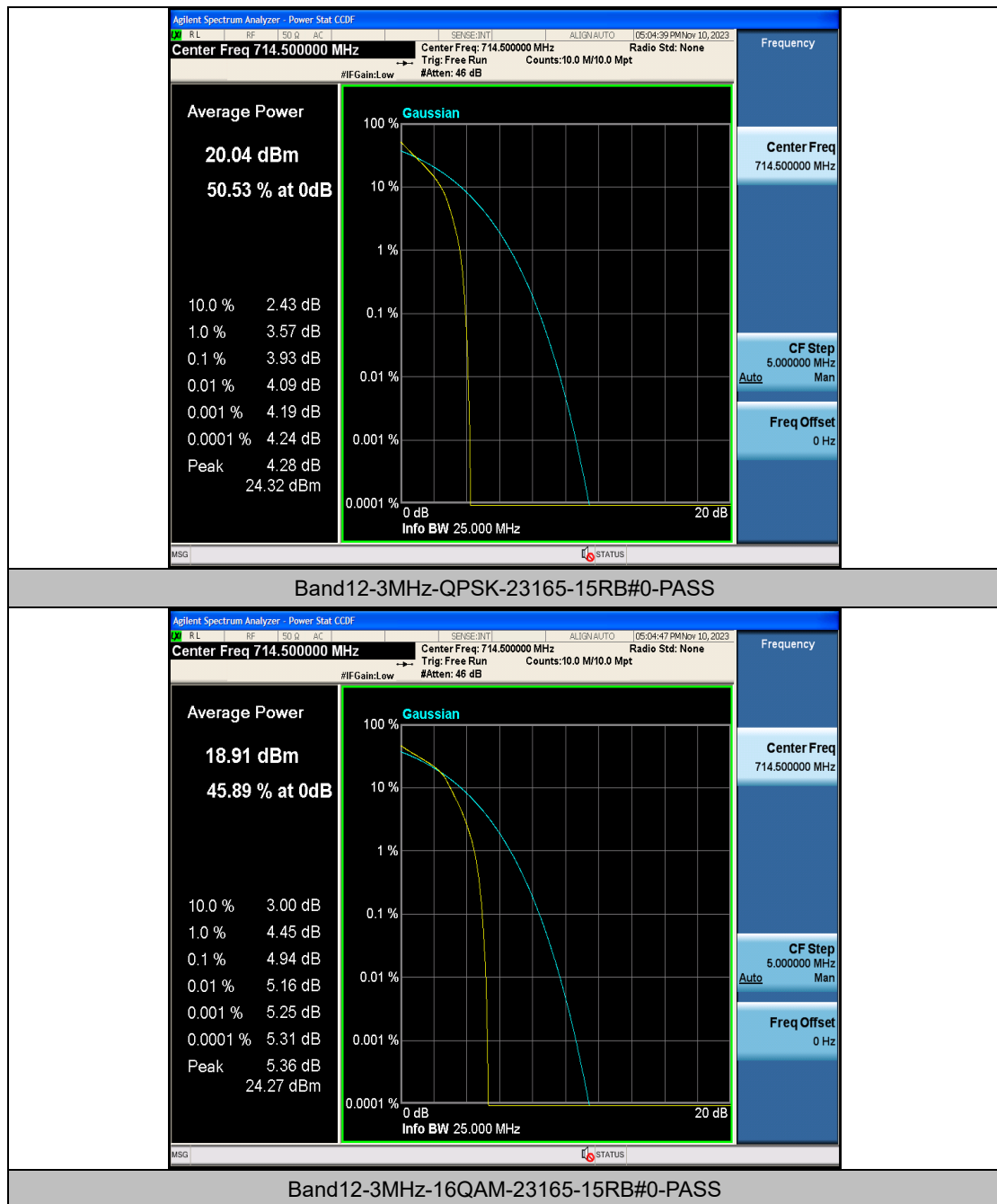
Band12-1.4MHz-QPSK-23173-6RB#0-PASS

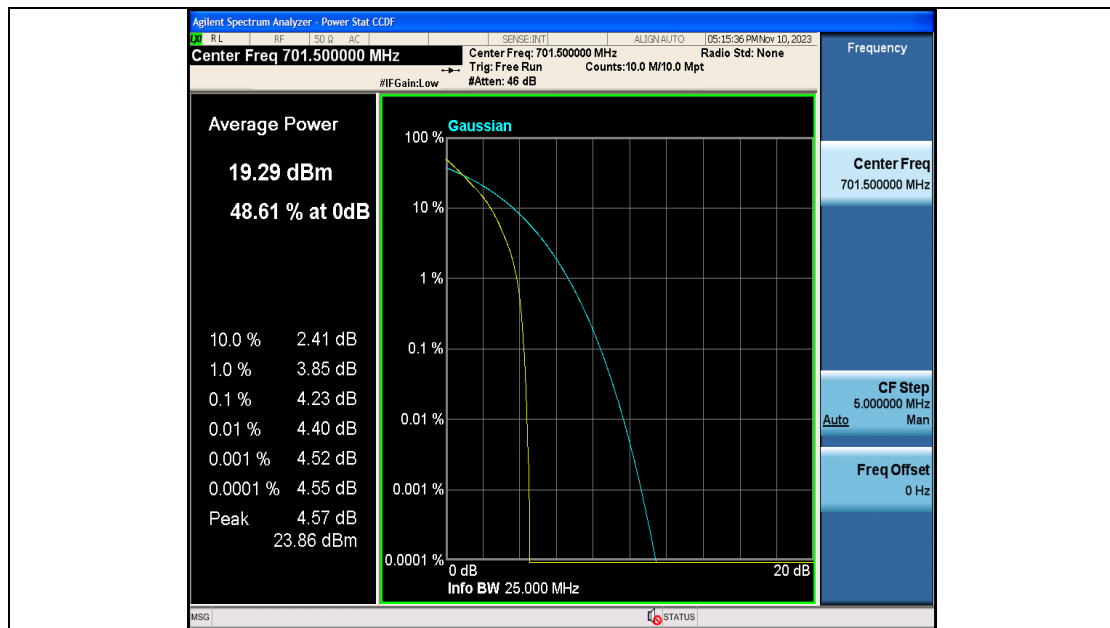


Band12-1.4MHz-16QAM-23173-6RB#0-PASS

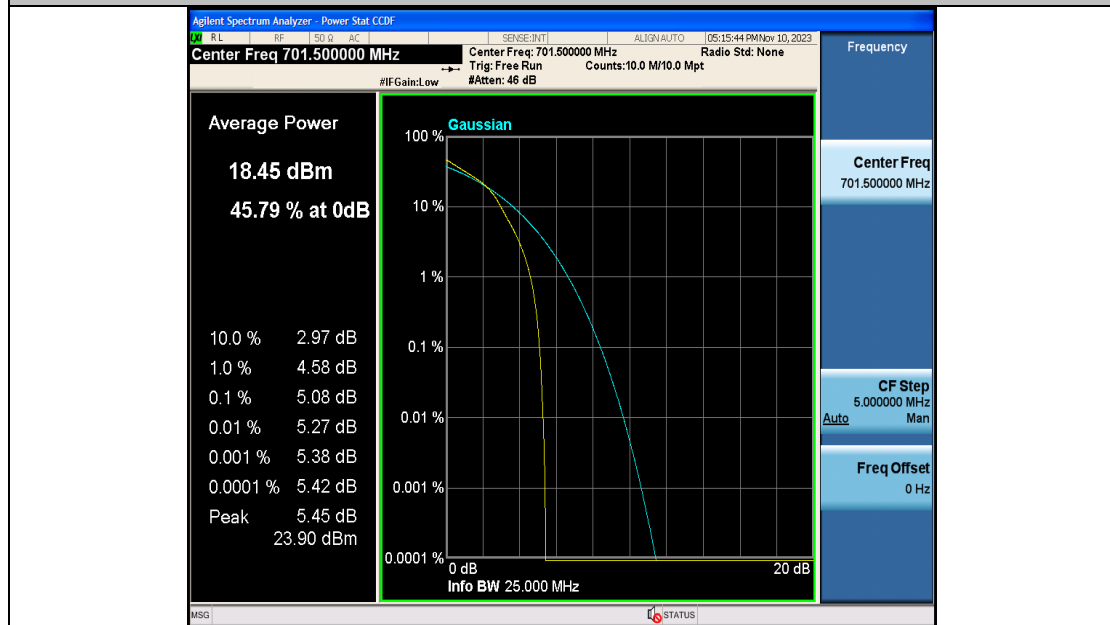




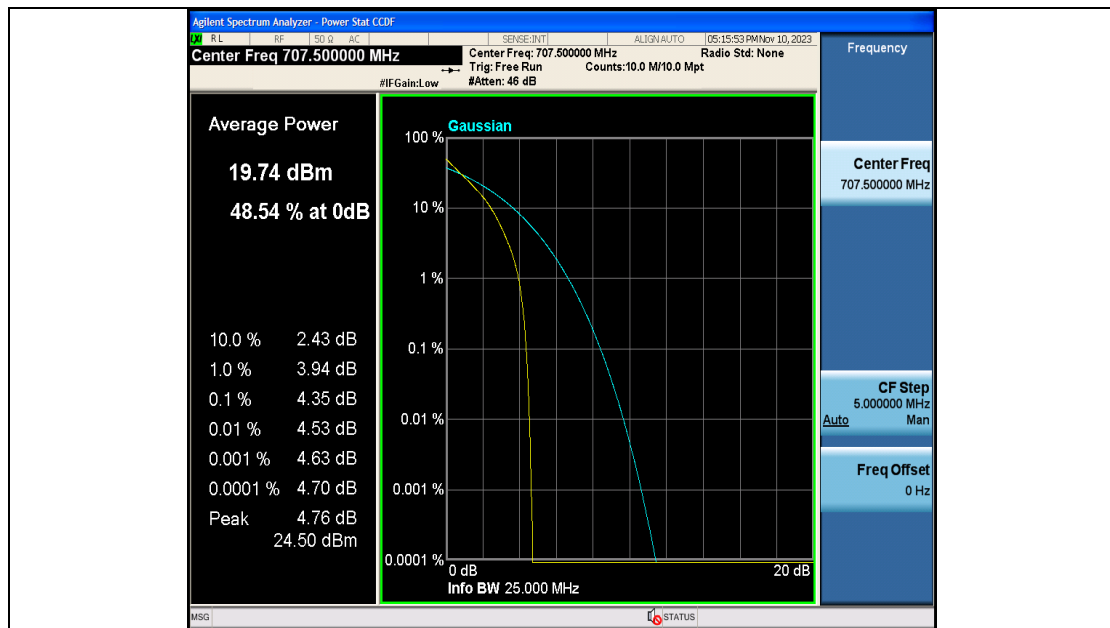




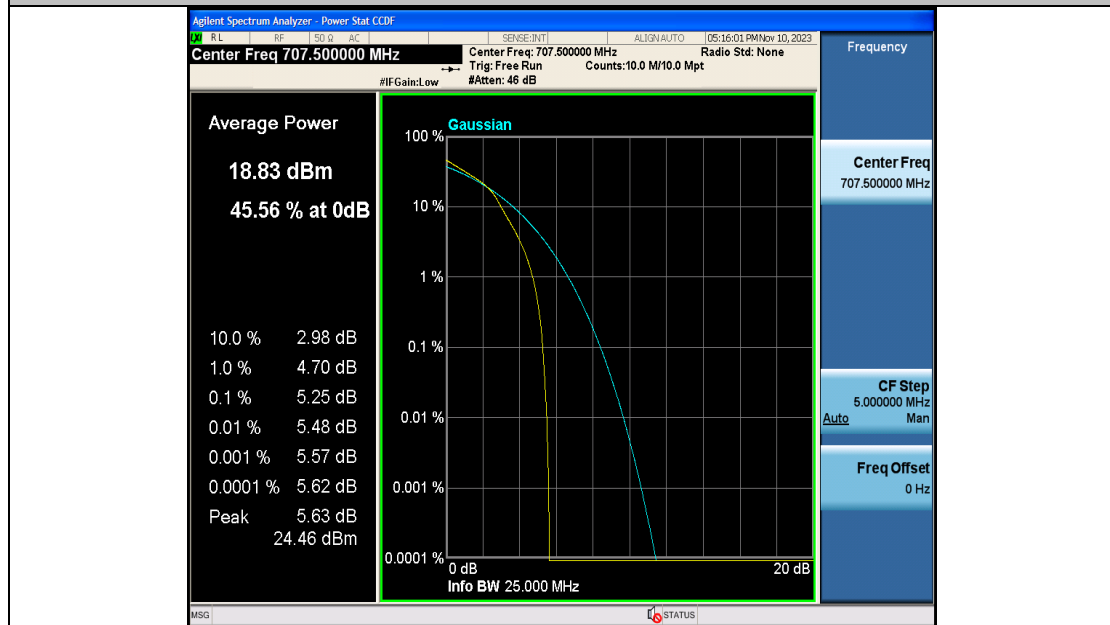
Band12-5MHz-QPSK-23035-25RB#0-PASS



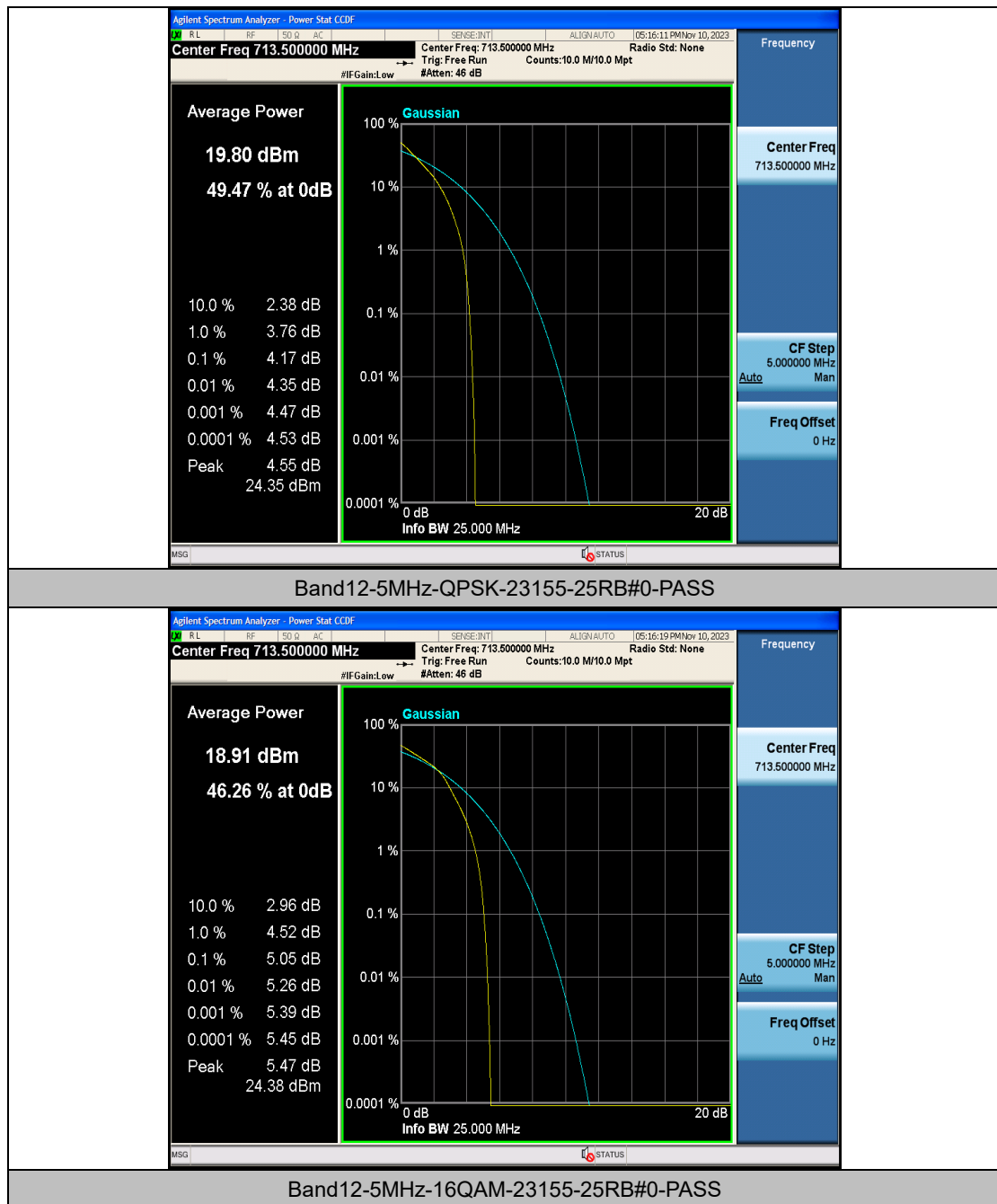
Band12-5MHz-16QAM-23035-25RB#0-PASS

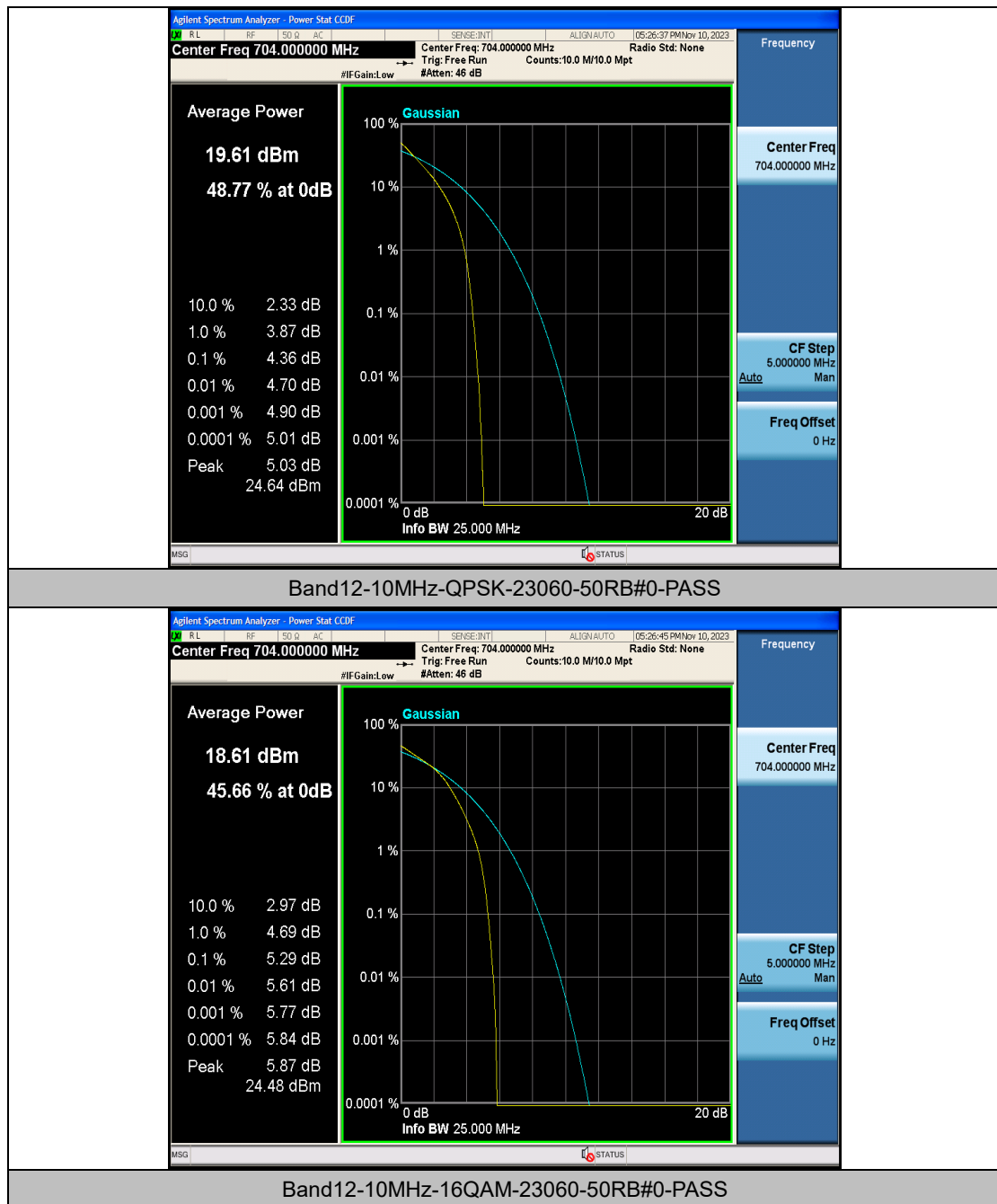


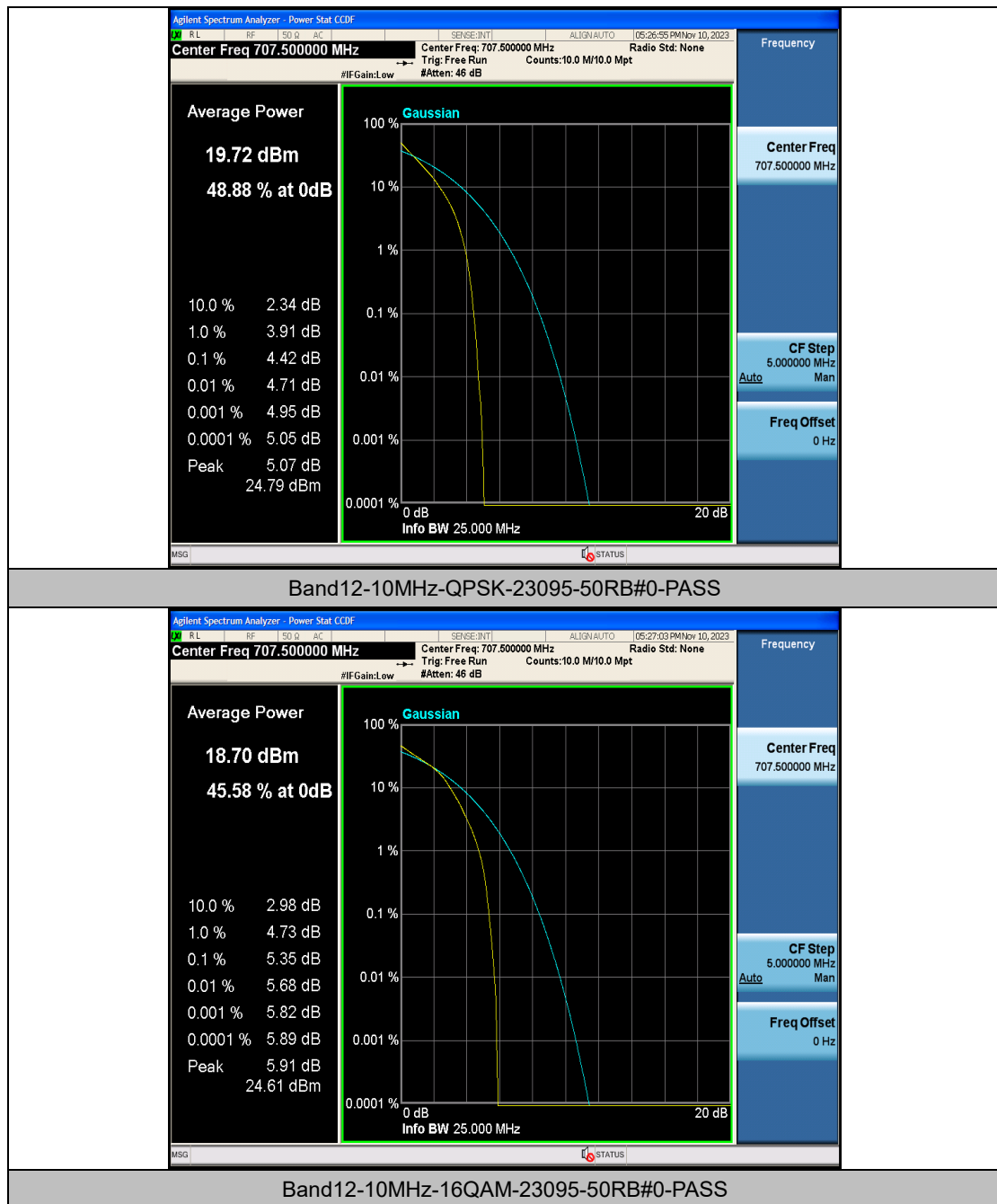
Band12-5MHz-QPSK-23095-25RB#0-PASS

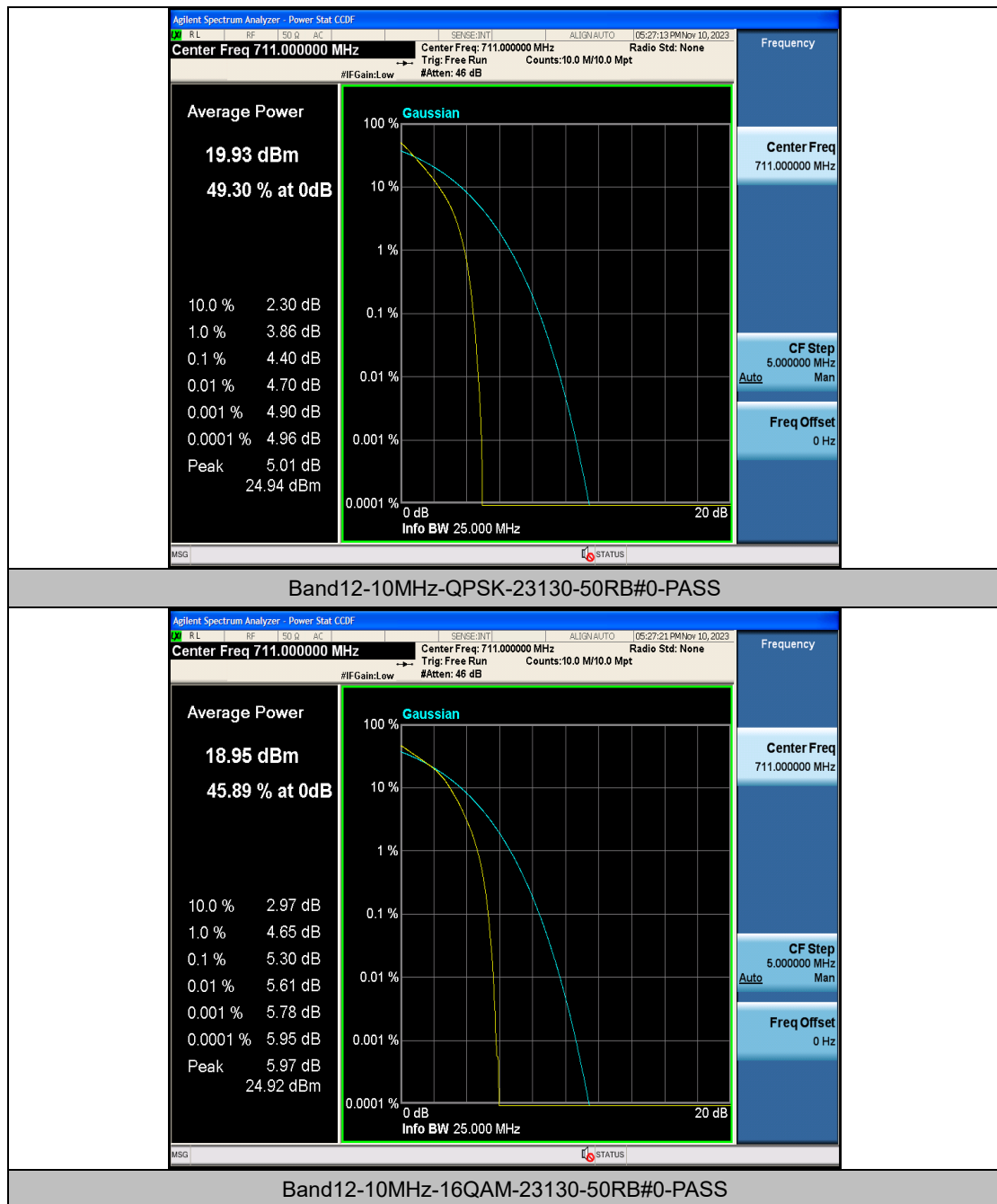


Band12-5MHz-16QAM-23095-25RB#0-PASS







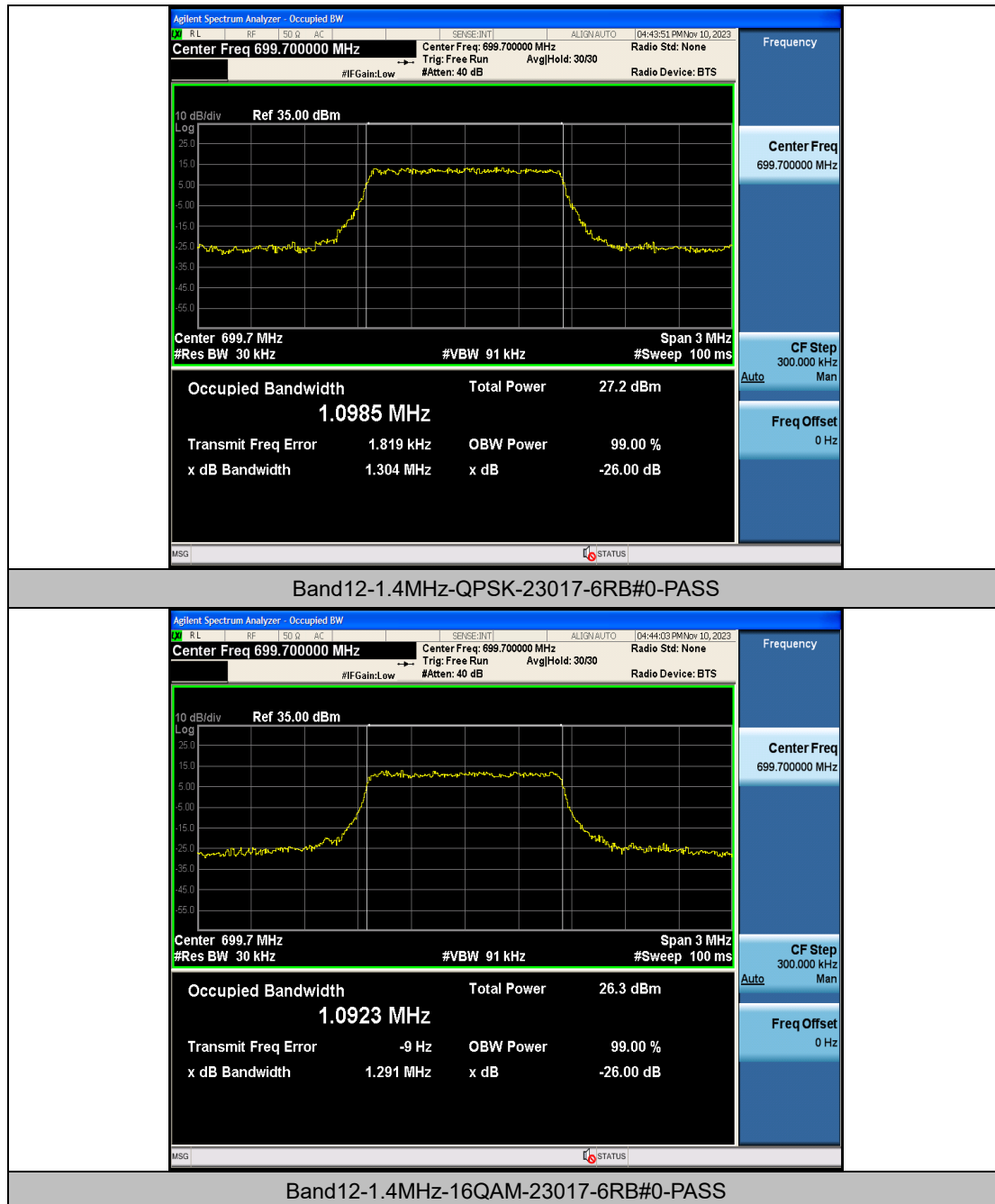


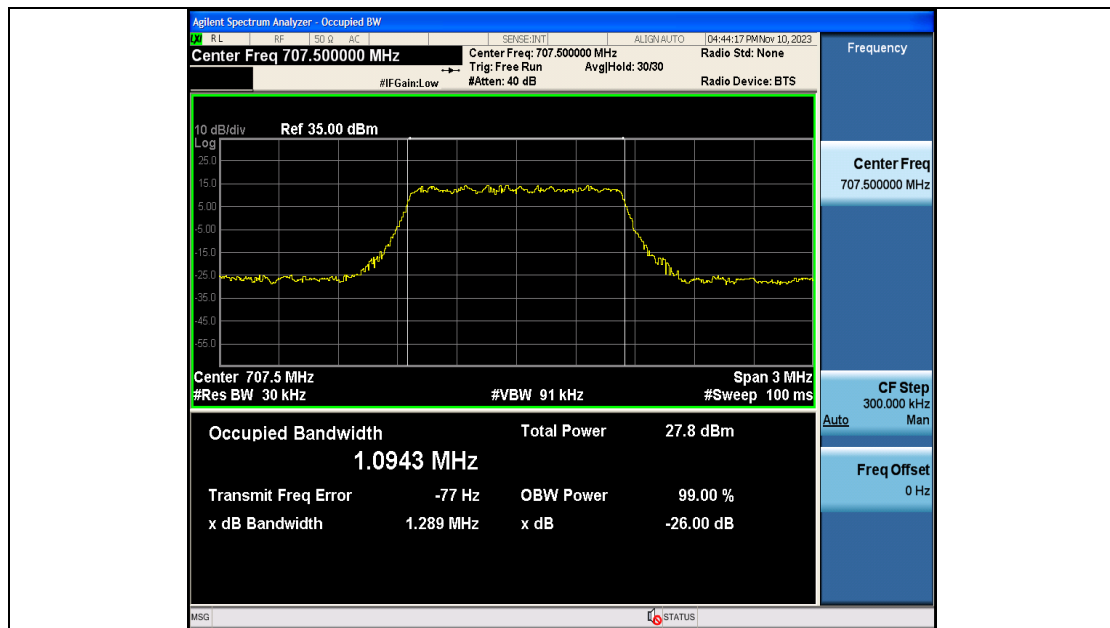
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0985	1.304	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0923	1.291	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0943	1.289	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0992	1.303	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0962	1.304	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0988	1.292	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6984	2.953	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6909	2.965	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6971	2.944	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6911	2.974	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6990	2.964	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6845	2.974	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4964	5.001	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4908	4.953	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4992	5.014	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4981	4.958	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5003	5.008	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4912	4.954	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9584	9.902	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9679	9.840	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9657	9.913	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9772	9.835	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9598	9.921	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9652	9.895	PASS

Test Graphs

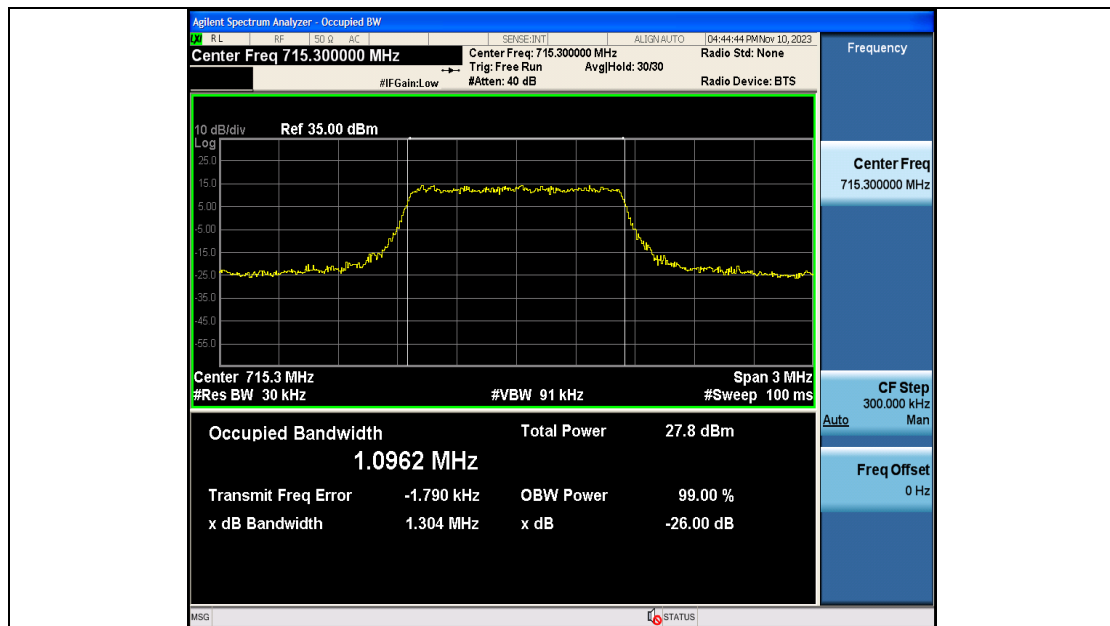




Band12-1.4MHz-QPSK-23095-6RB#0-PASS



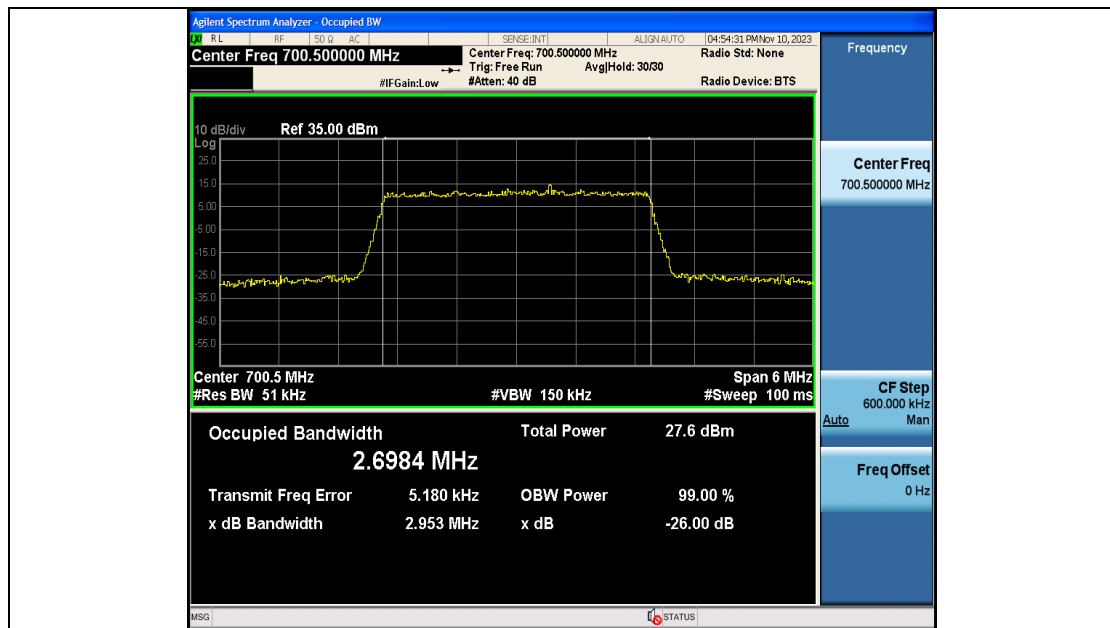
Band12-1.4MHz-16QAM-23095-6RB#0-PASS



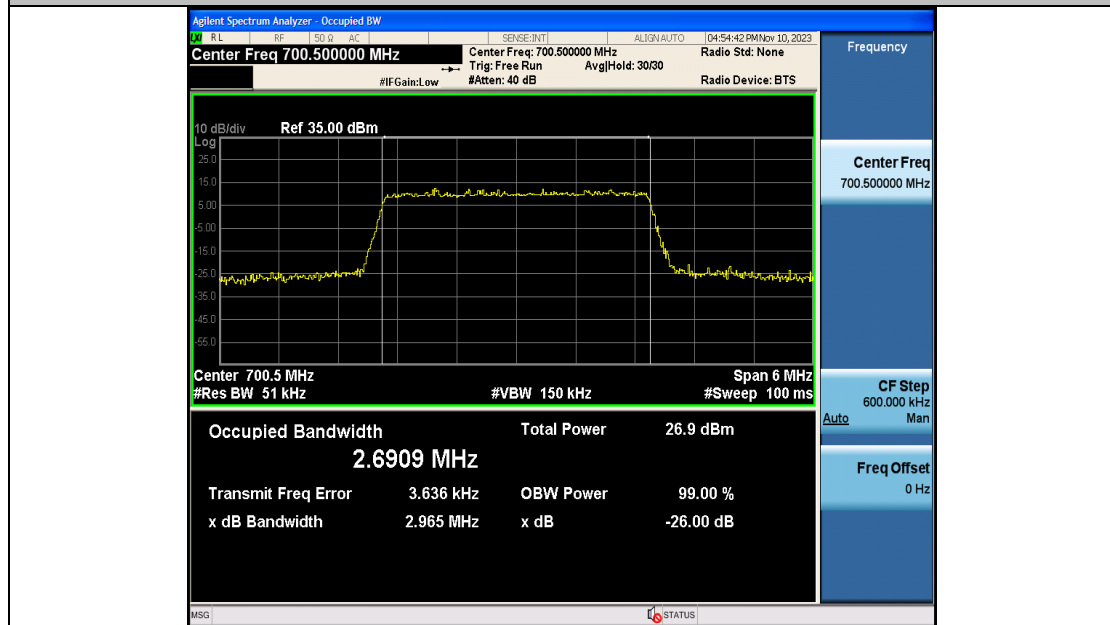
Band12-1.4MHz-QPSK-23173-6RB#0-PASS



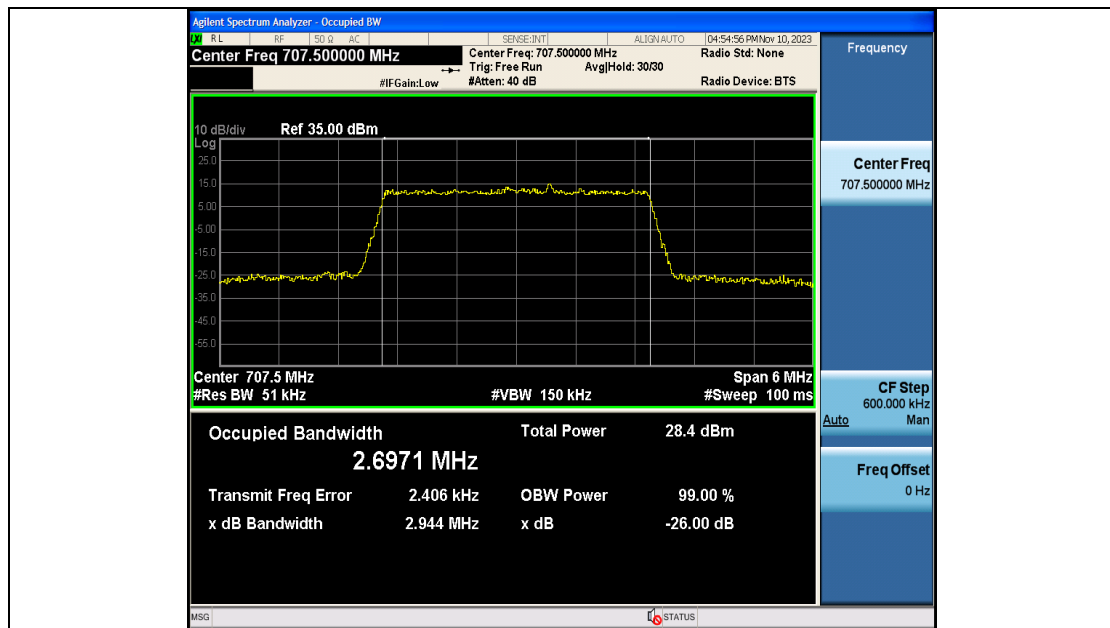
Band12-1.4MHz-16QAM-23173-6RB#0-PASS



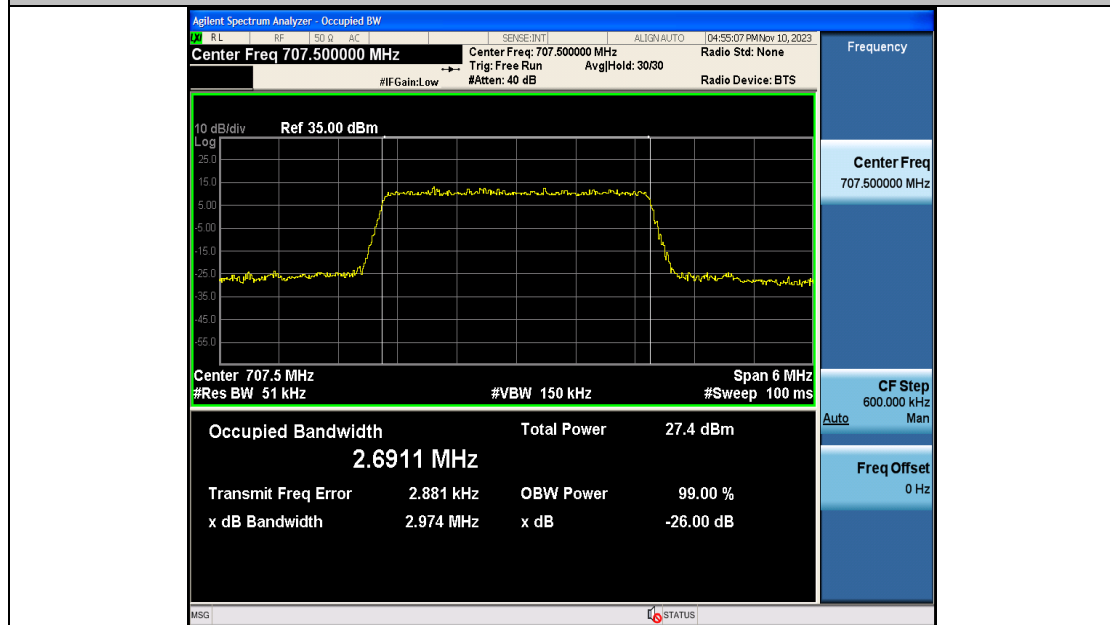
Band12-3MHz-QPSK-23025-15RB#0-PASS



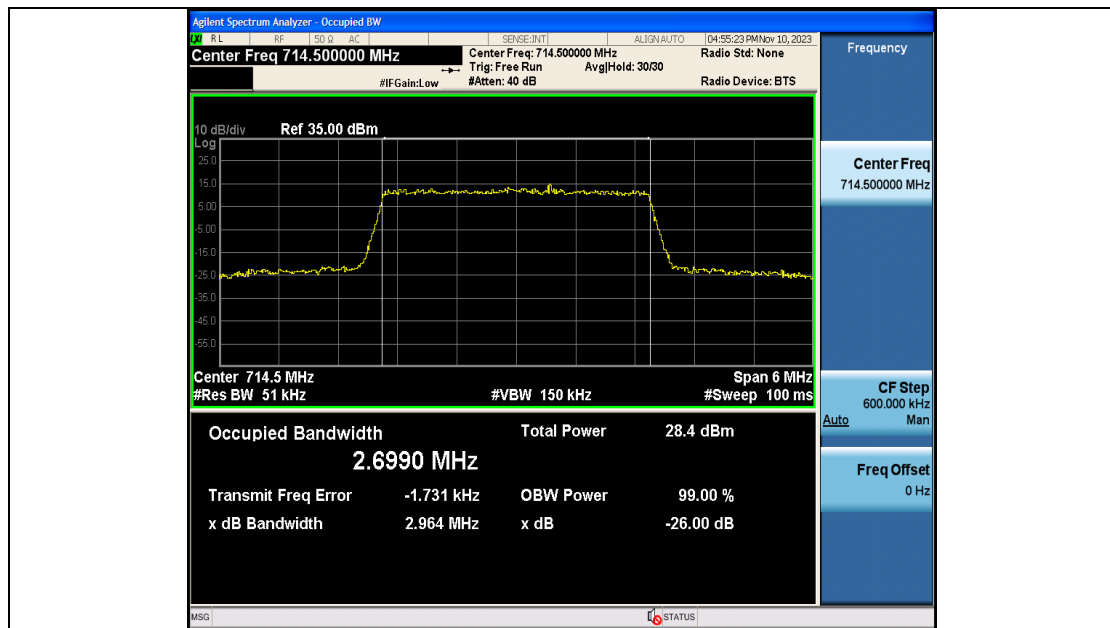
Band12-3MHz-16QAM-23025-15RB#0-PASS



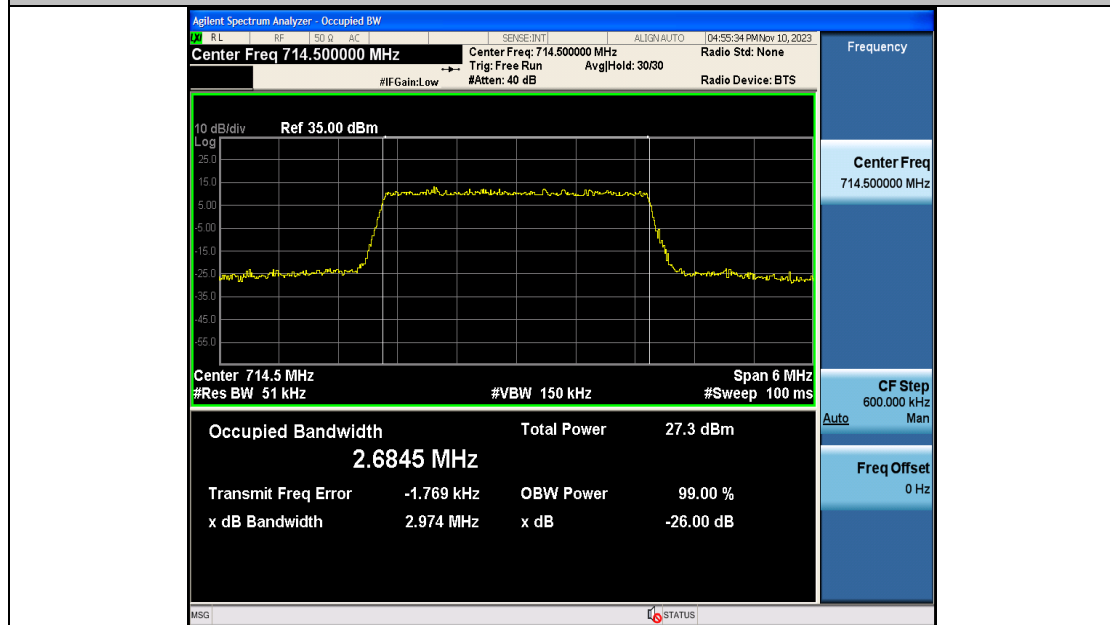
Band12-3MHz-QPSK-23095-15RB#0-PASS



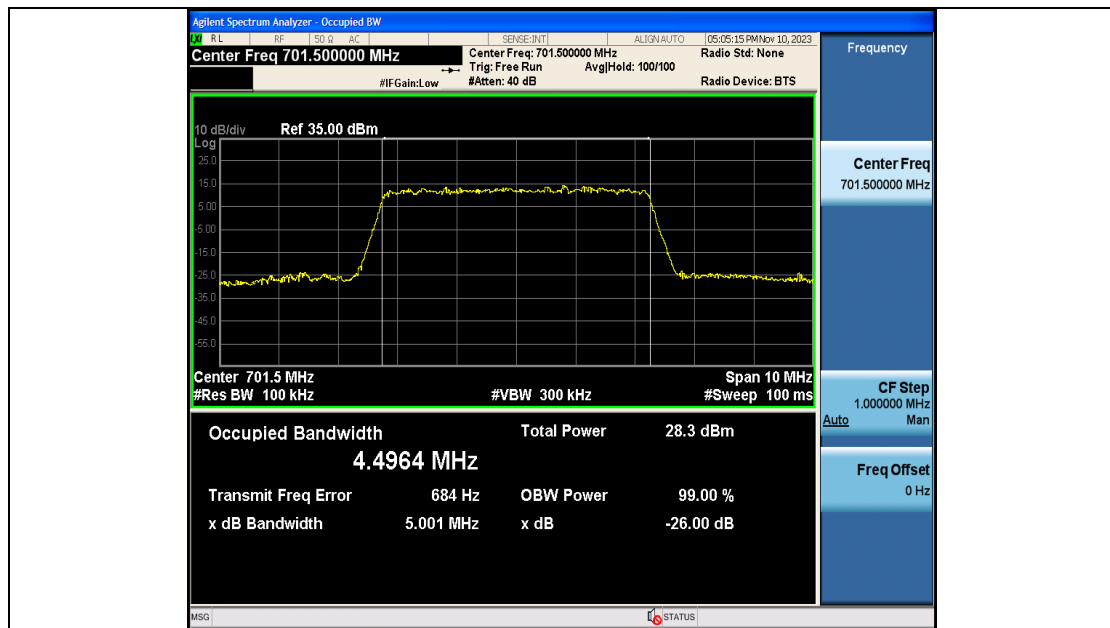
Band12-3MHz-16QAM-23095-15RB#0-PASS



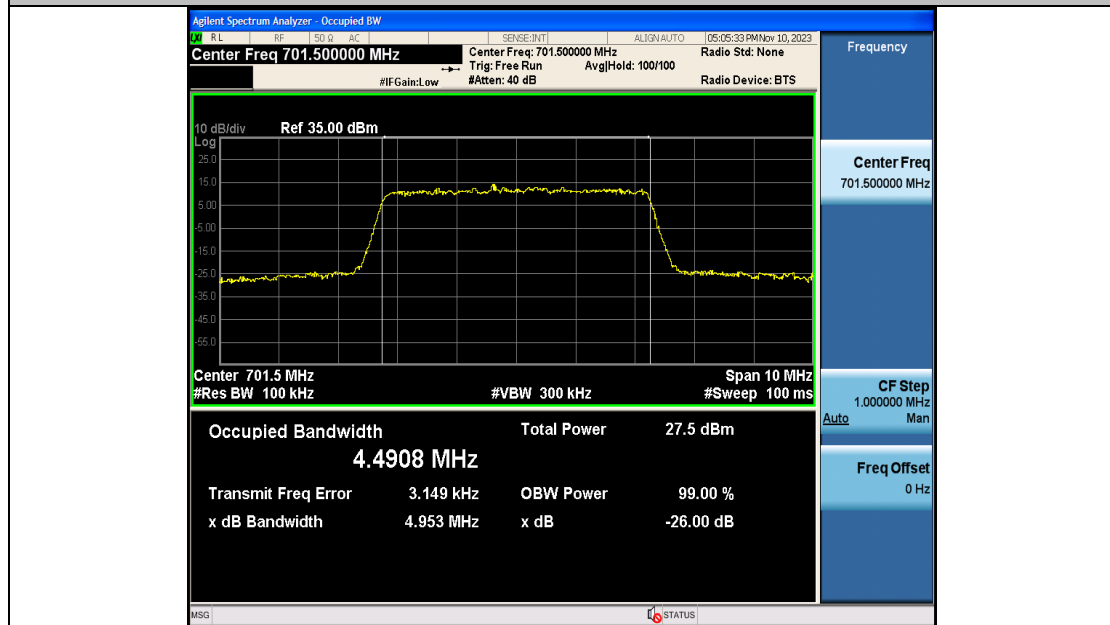
Band12-3MHz-QPSK-23165-15RB#0-PASS



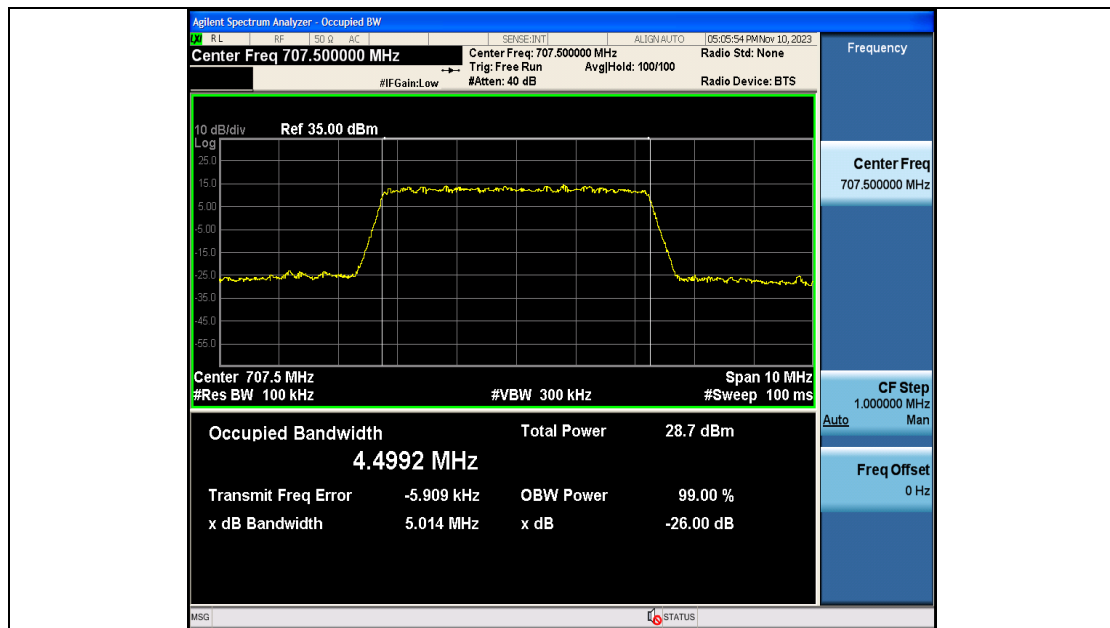
Band12-3MHz-16QAM-23165-15RB#0-PASS



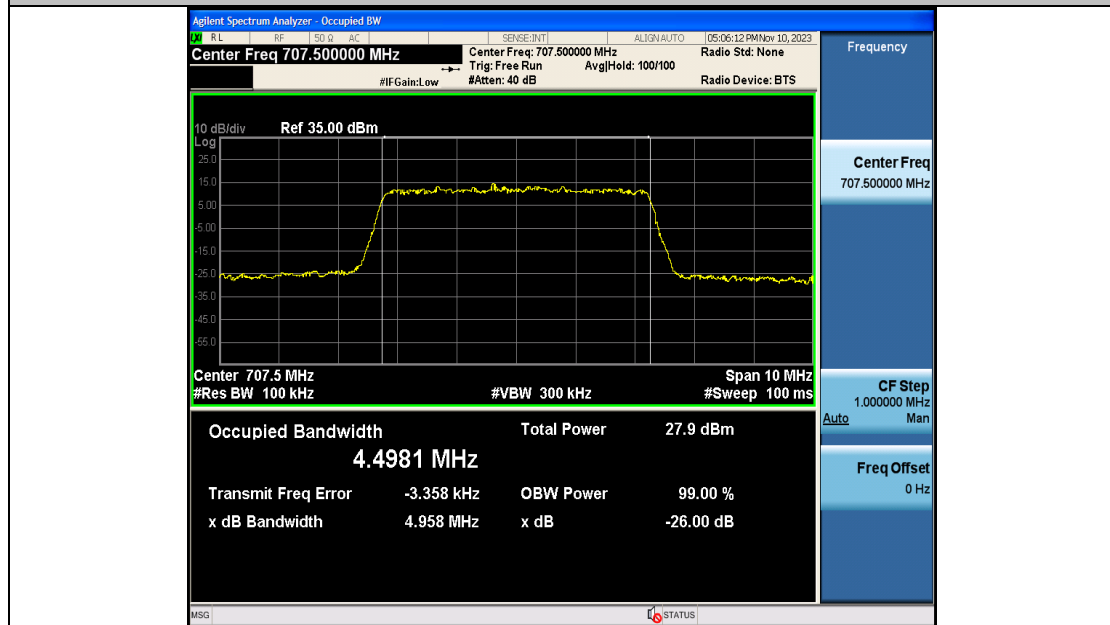
Band12-5MHz-QPSK-23035-25RB#0-PASS



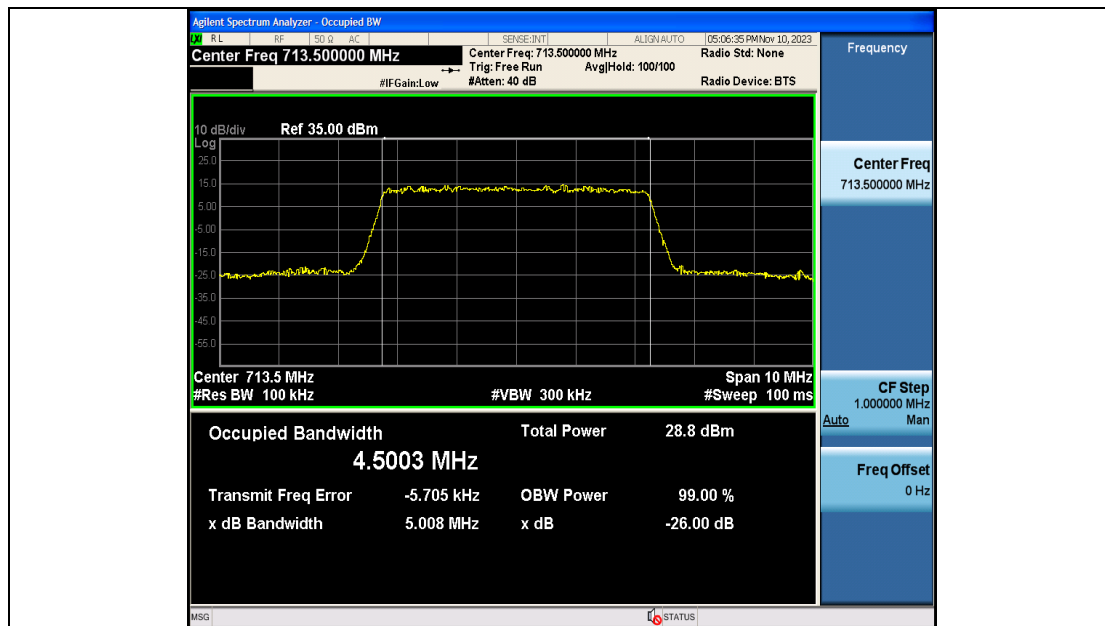
Band12-5MHz-16QAM-23035-25RB#0-PASS



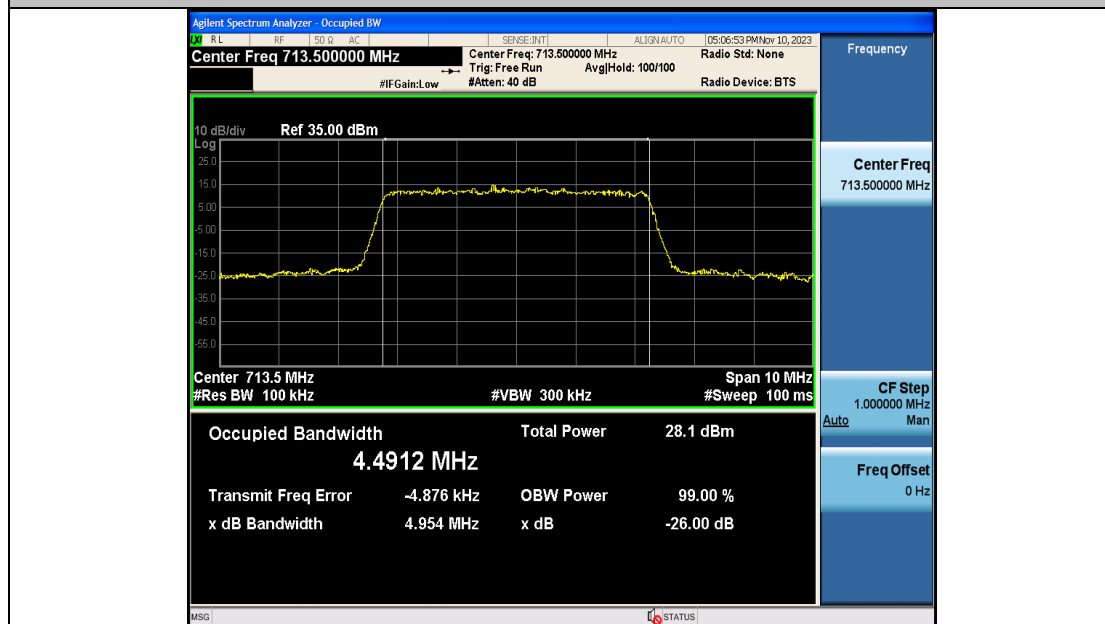
Band12-5MHz-QPSK-23095-25RB#0-PASS



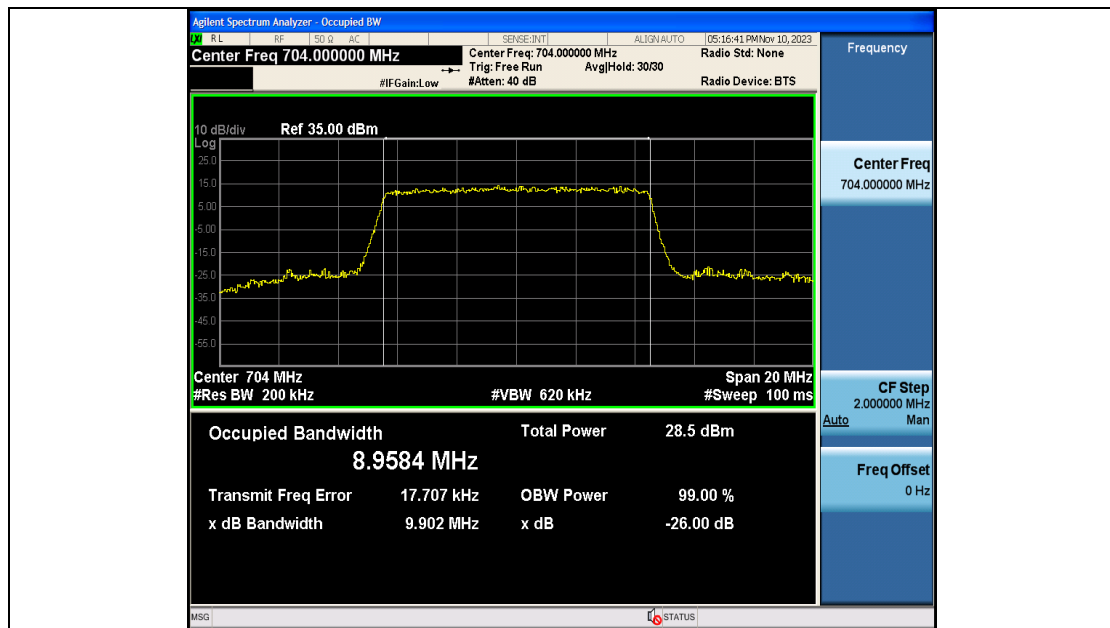
Band12-5MHz-16QAM-23095-25RB#0-PASS



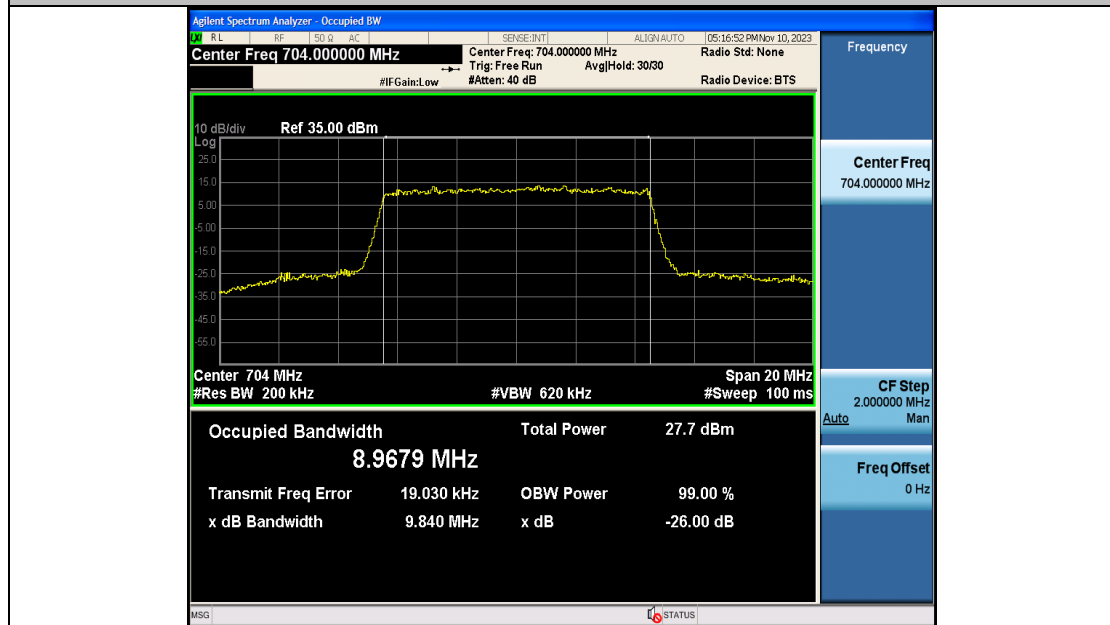
Band12-5MHz-QPSK-23155-25RB#0-PASS



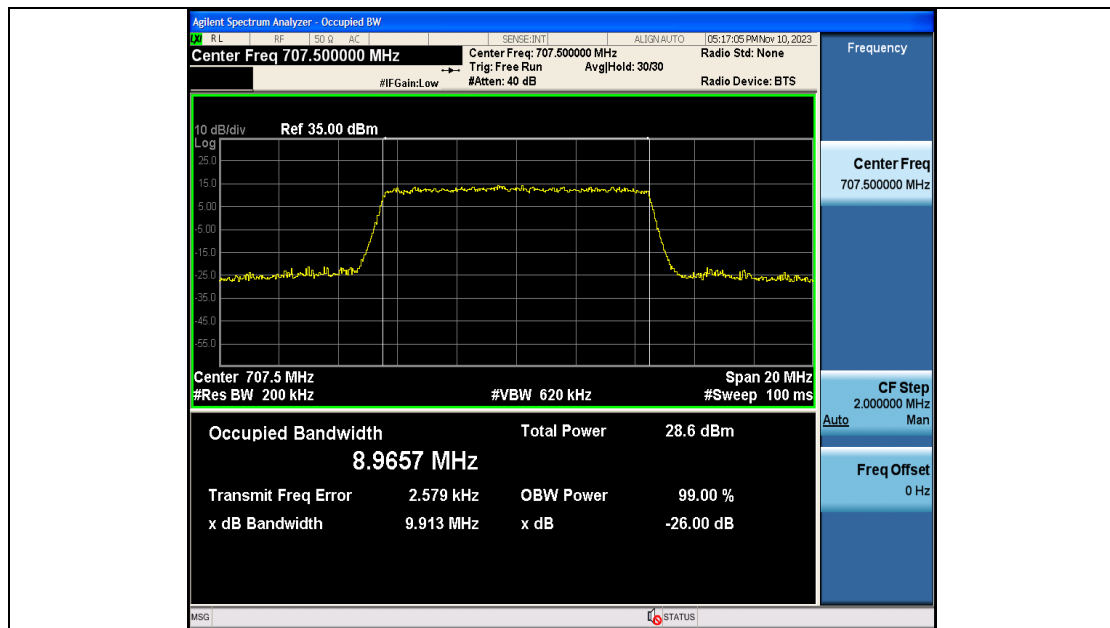
Band12-5MHz-16QAM-23155-25RB#0-PASS



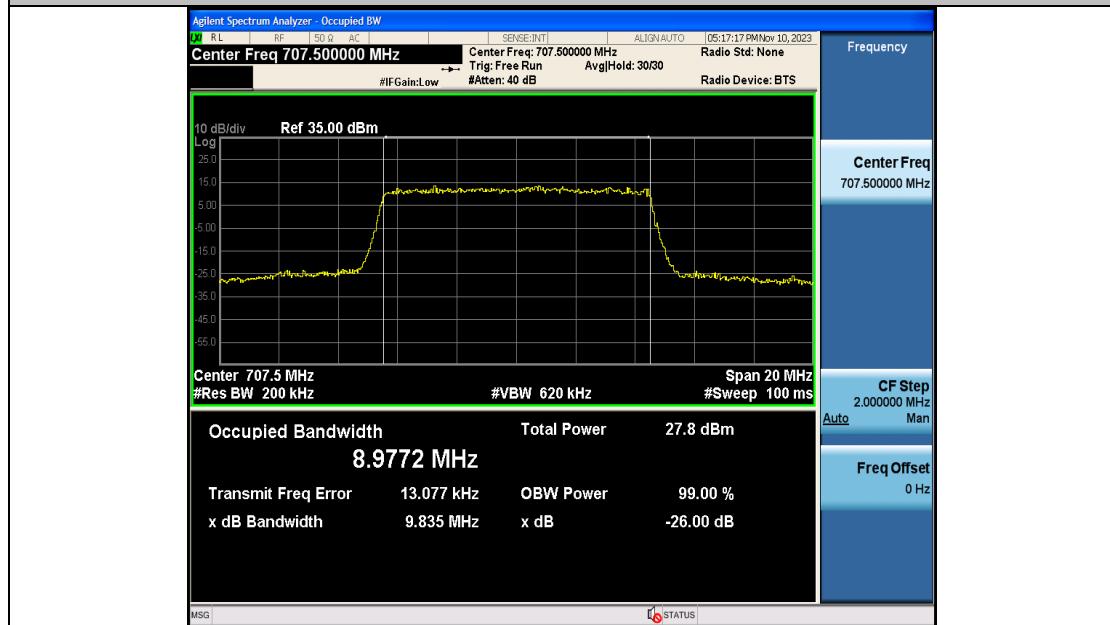
Band12-10MHz-QPSK-23060-50RB#0-PASS



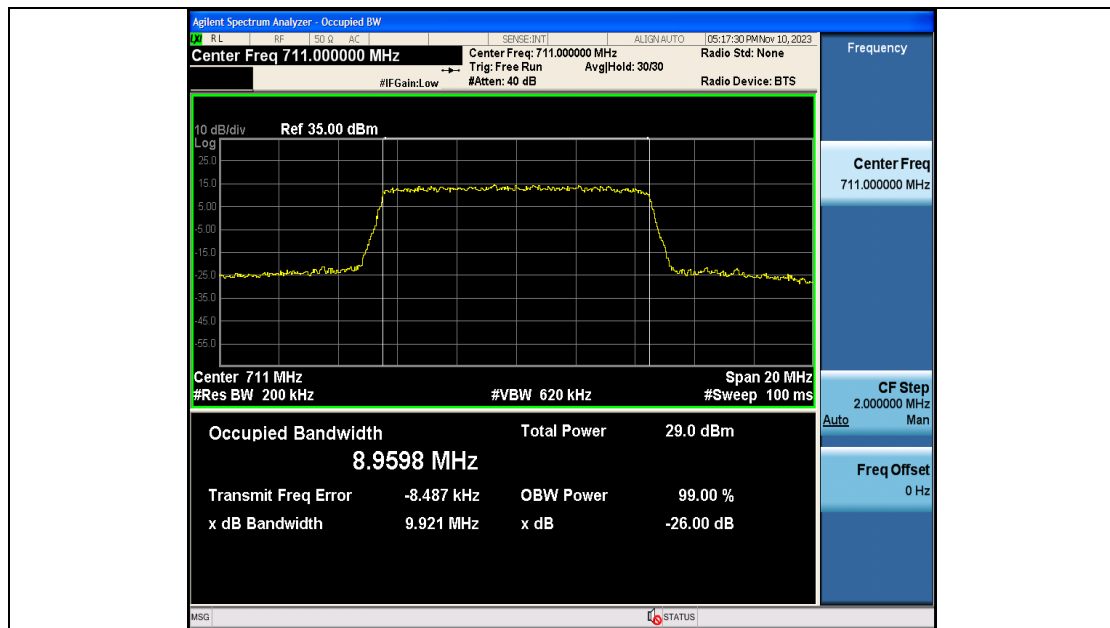
Band12-10MHz-16QAM-23060-50RB#0-PASS



Band12-10MHz-QPSK-23095-50RB#0-PASS



Band12-10MHz-16QAM-23095-50RB#0-PASS



Band12-10MHz-QPSK-23130-50RB#0-PASS



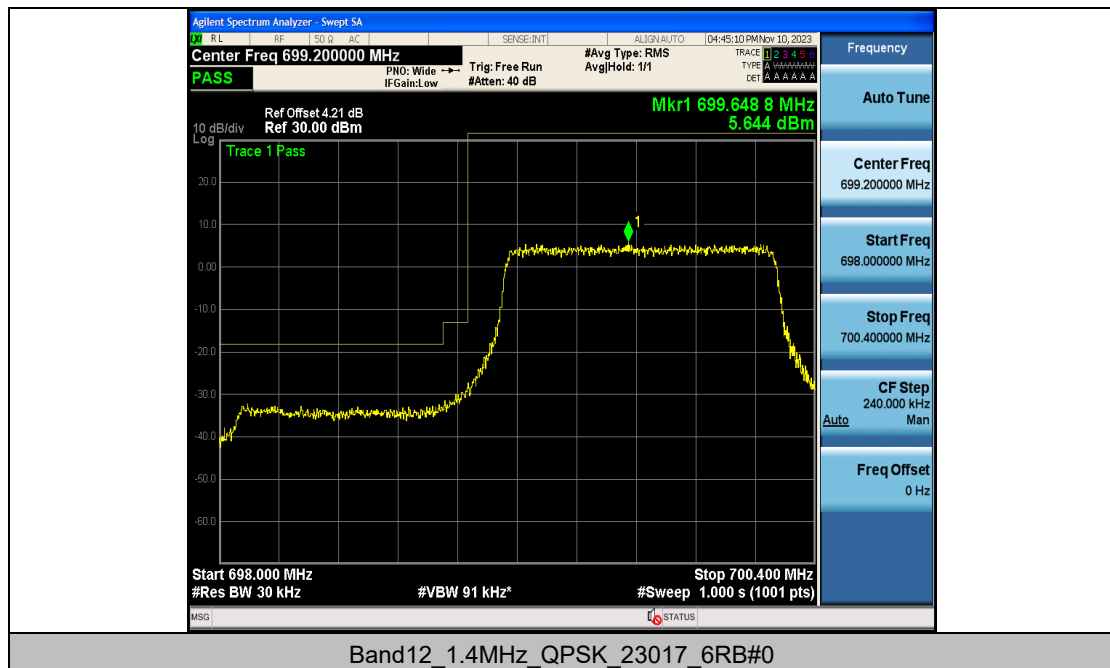
Band12-10MHz-16QAM-23130-50RB#0-PASS

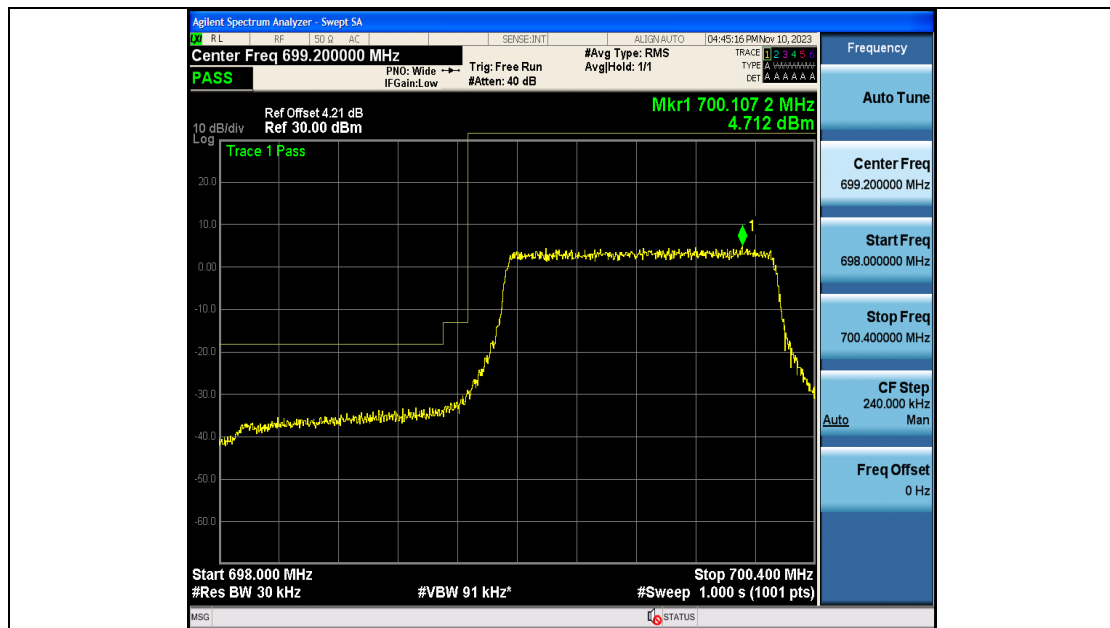
Appendix D: Band Edge

Test Result

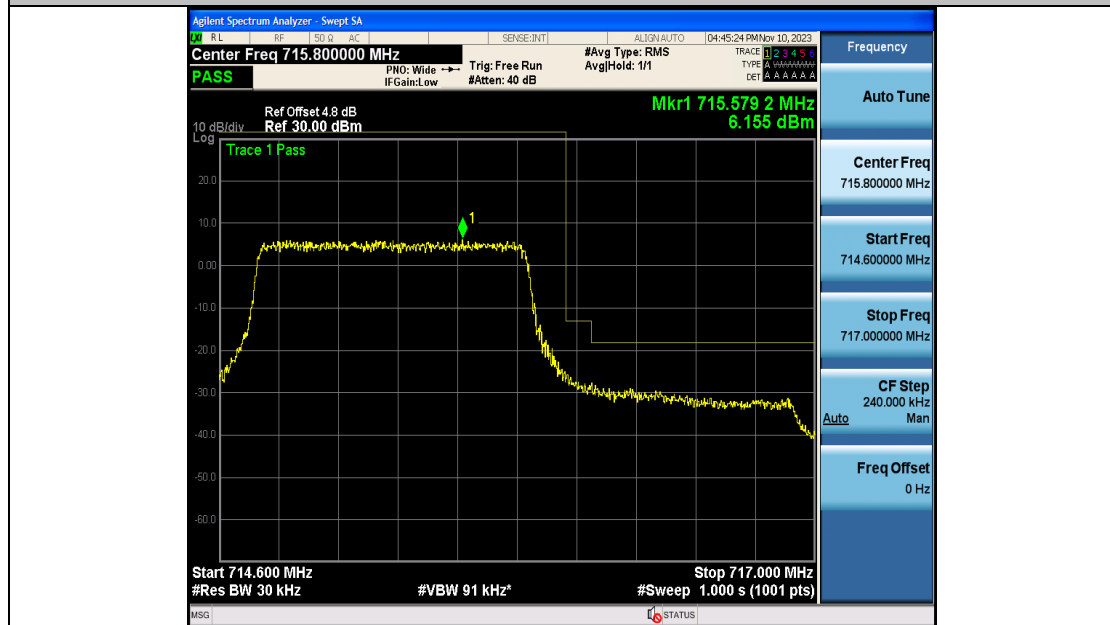
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	-32.33	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-33.21	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-27.70	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-29.57	PASS
Band12	3MHz	QPSK	23025	15RB#0	-35.41	PASS
Band12	3MHz	16QAM	23025	15RB#0	-31.30	PASS
Band12	3MHz	QPSK	23165	15RB#0	-32.52	PASS
Band12	3MHz	16QAM	23165	15RB#0	-34.54	PASS
Band12	5MHz	QPSK	23035	25RB#0	-38.69	PASS
Band12	5MHz	16QAM	23035	25RB#0	-38.72	PASS
Band12	5MHz	QPSK	23155	25RB#0	-35.78	PASS
Band12	5MHz	16QAM	23155	25RB#0	-37.20	PASS
Band12	10MHz	QPSK	23060	50RB#0	-39.45	PASS
Band12	10MHz	16QAM	23060	50RB#0	-40.60	PASS
Band12	10MHz	QPSK	23130	50RB#0	-39.22	PASS
Band12	10MHz	16QAM	23130	50RB#0	-40.74	PASS

Test Graphs

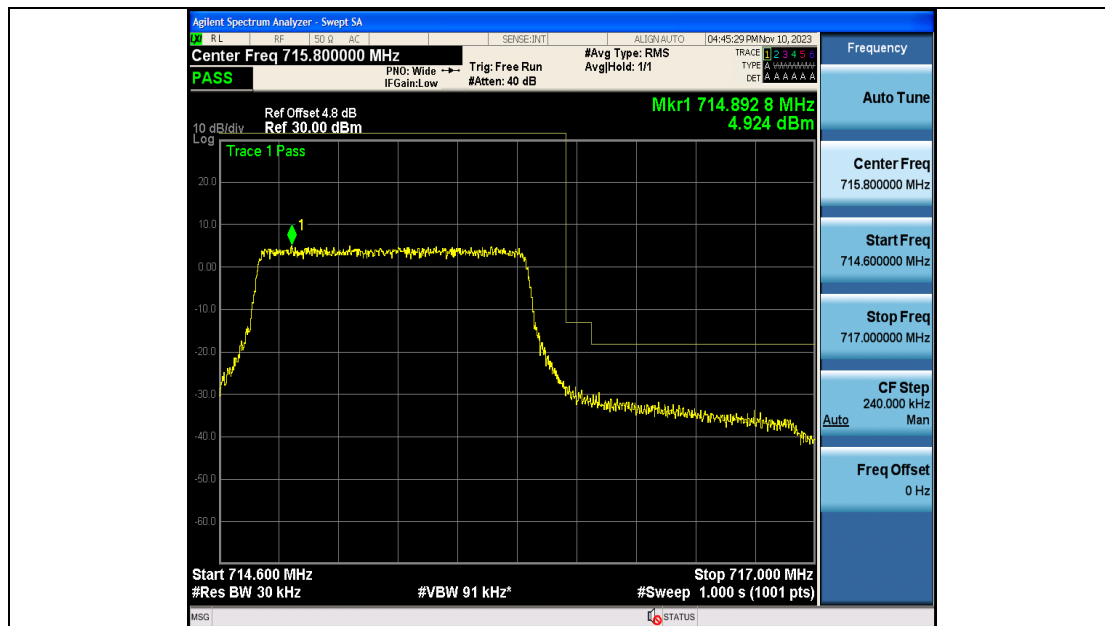




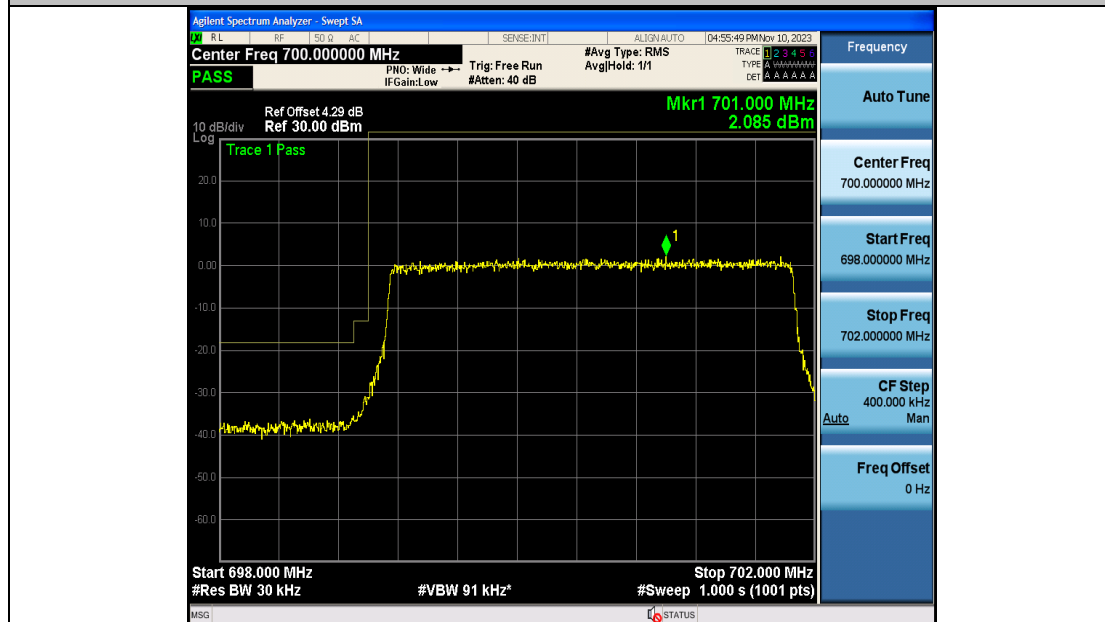
Band12_1.4MHz_16QAM_23017_6RB#0



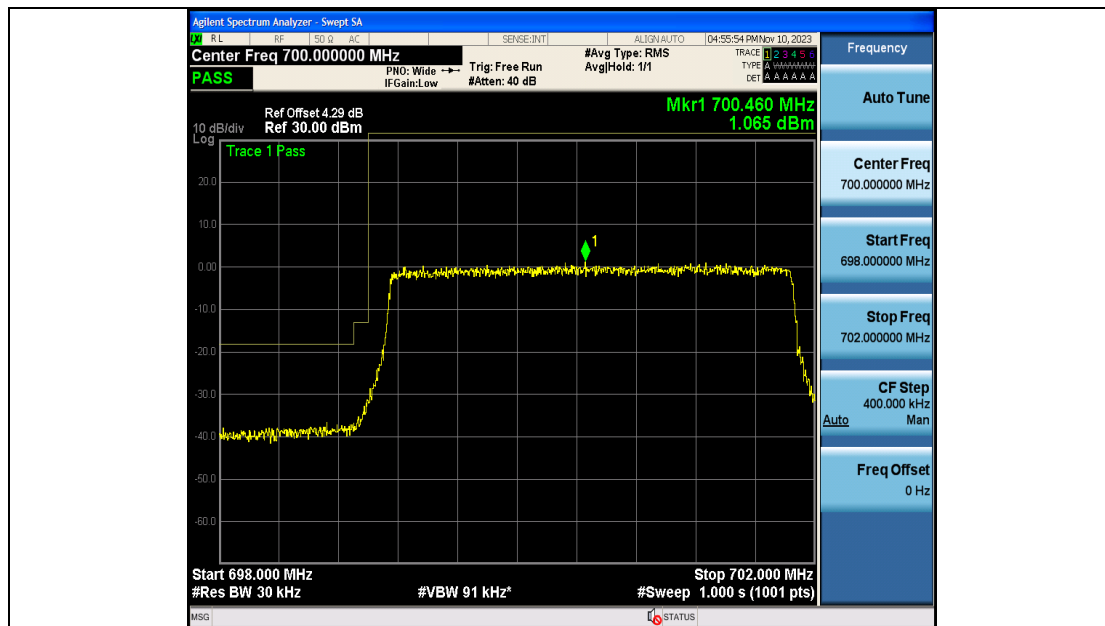
Band12_1.4MHz_QPSK_23173_6RB#0



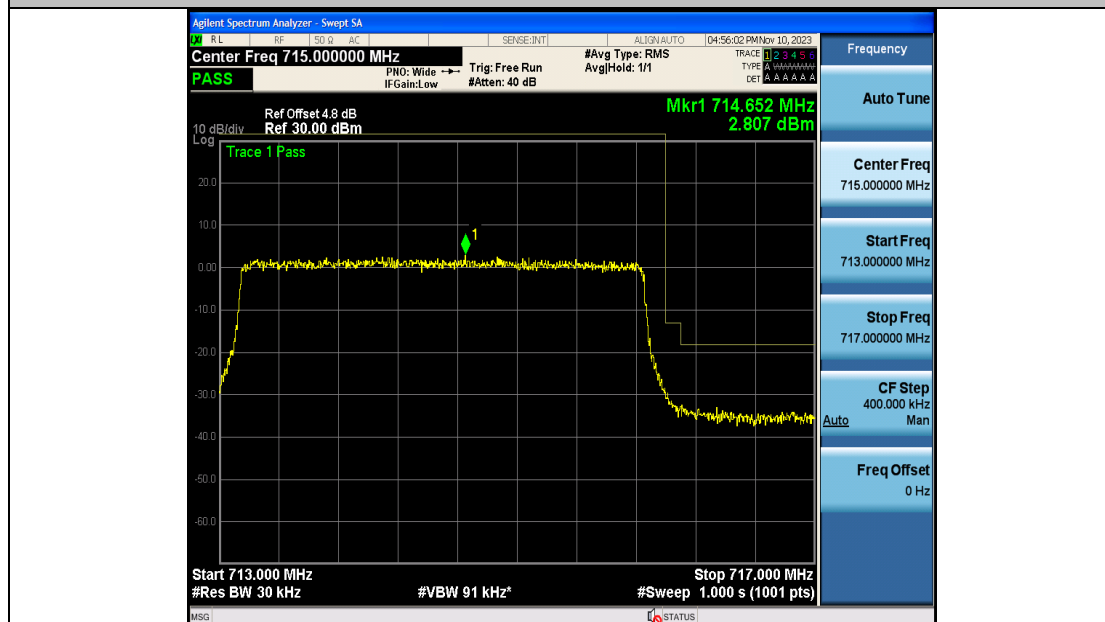
Band12_1.4MHz_16QAM_23173_6RB#0



Band12_3MHz_QPSK_23025_15RB#0



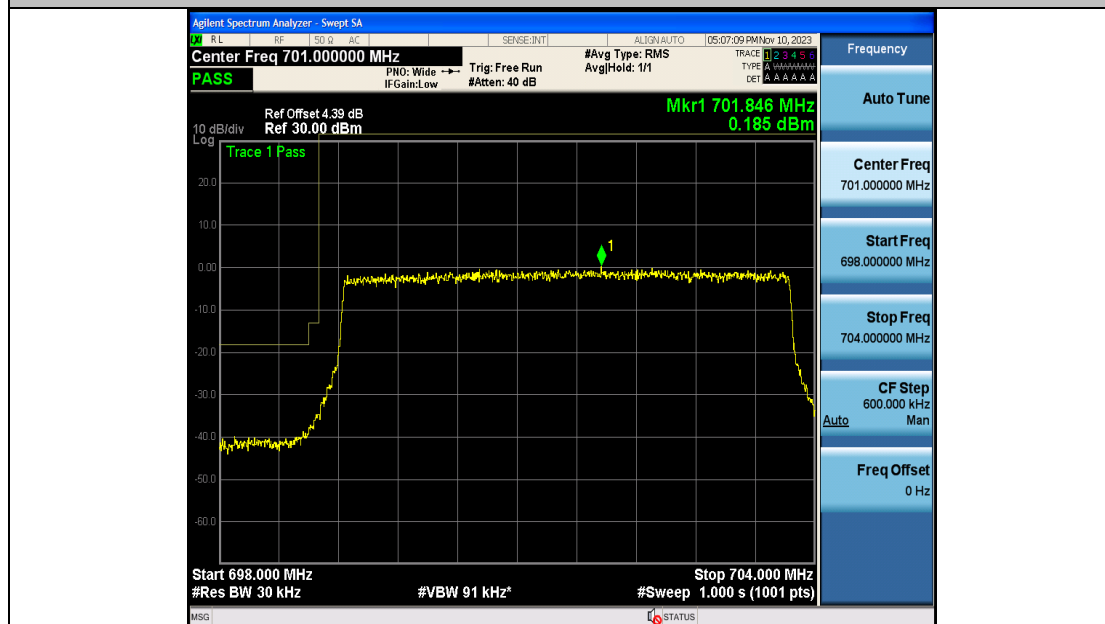
Band12_3MHz_16QAM_23025_15RB#0



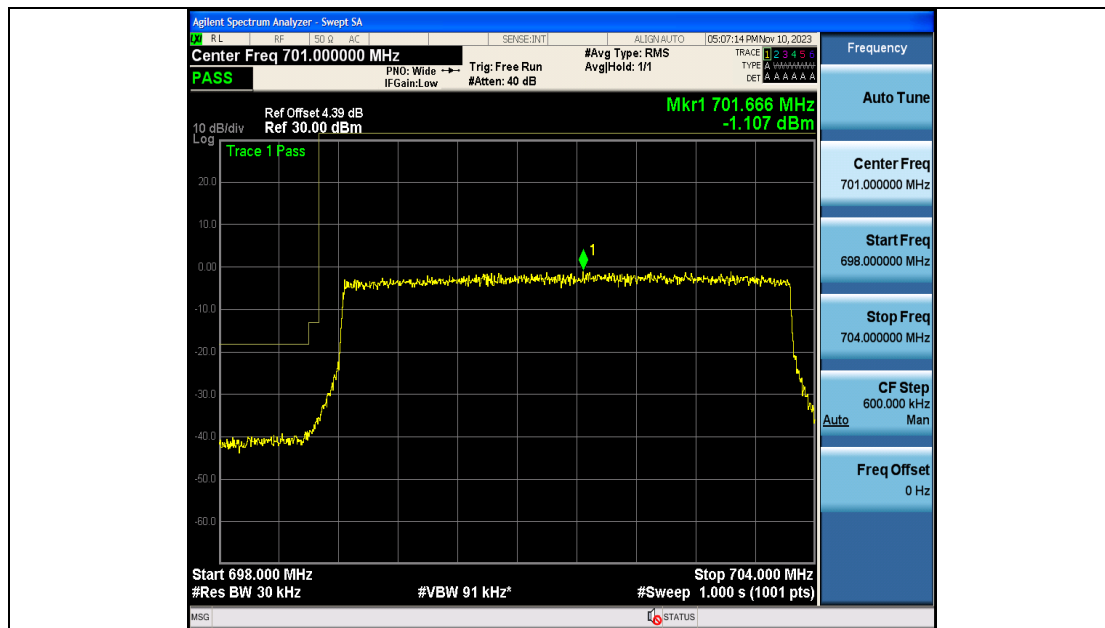
Band12_3MHz_QPSK_23165_15RB#0



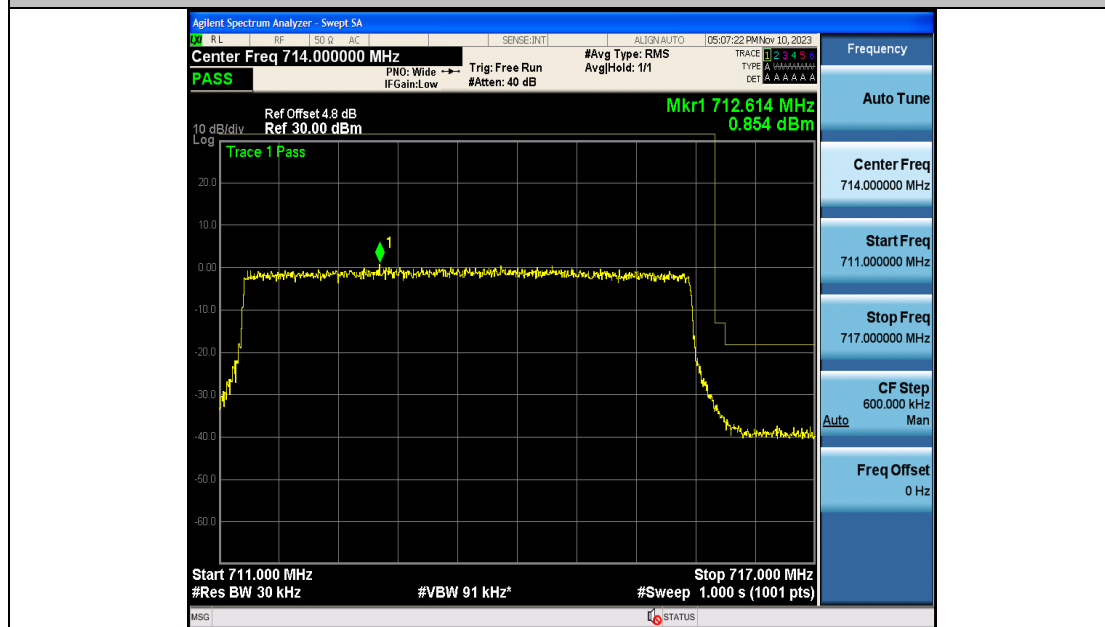
Band12_3MHz_16QAM_23165_15RB#0



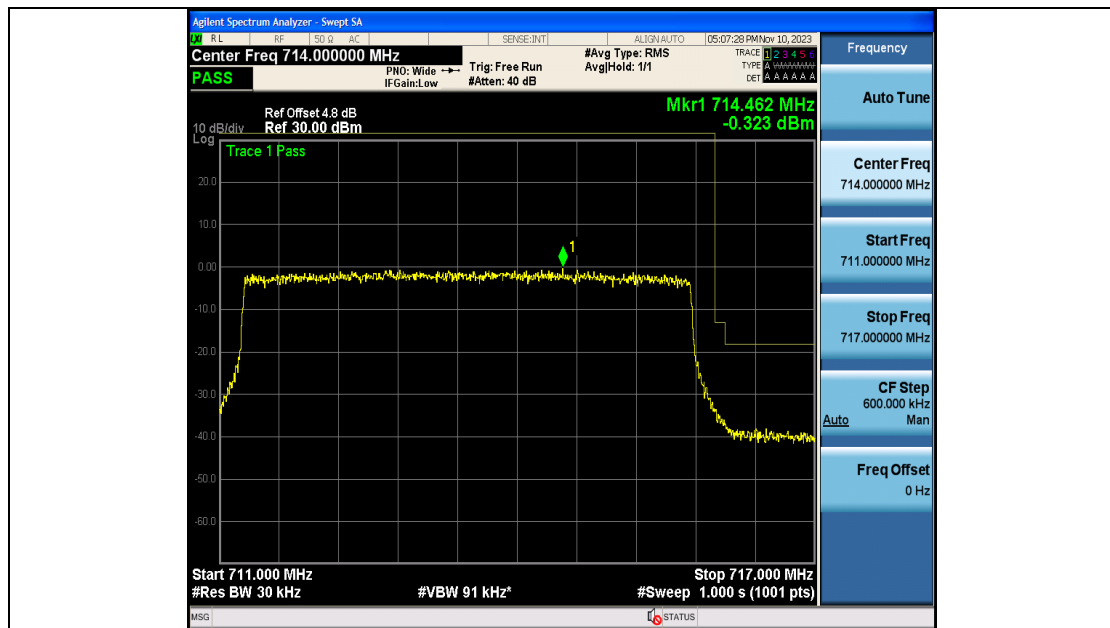
Band12_5MHz_QPSK_23035_25RB#0



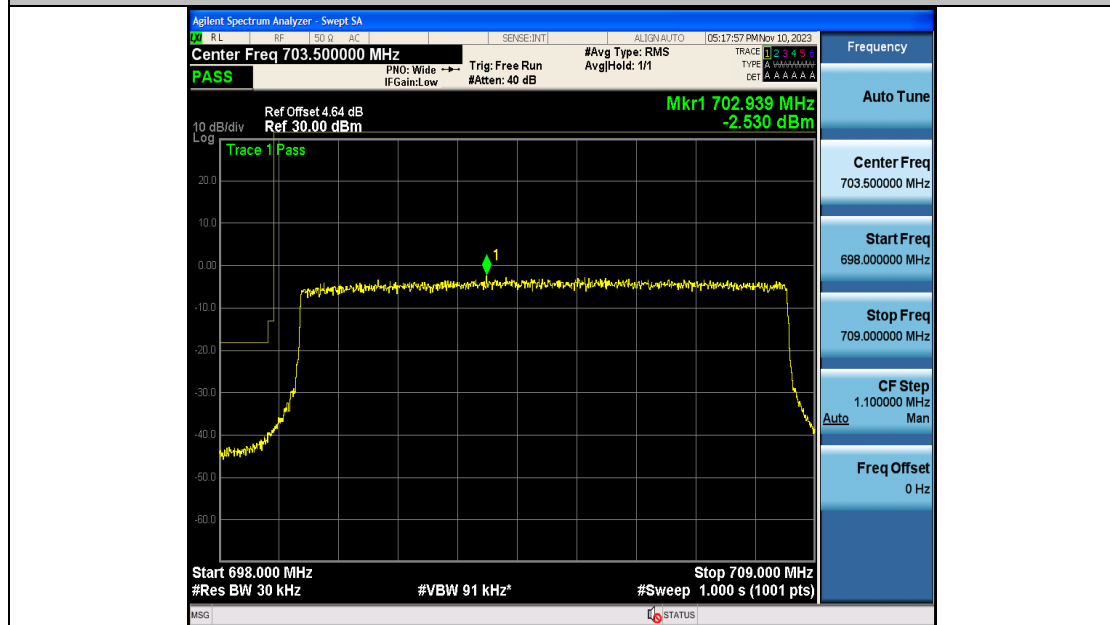
Band12_5MHz_16QAM_23035_25RB#0



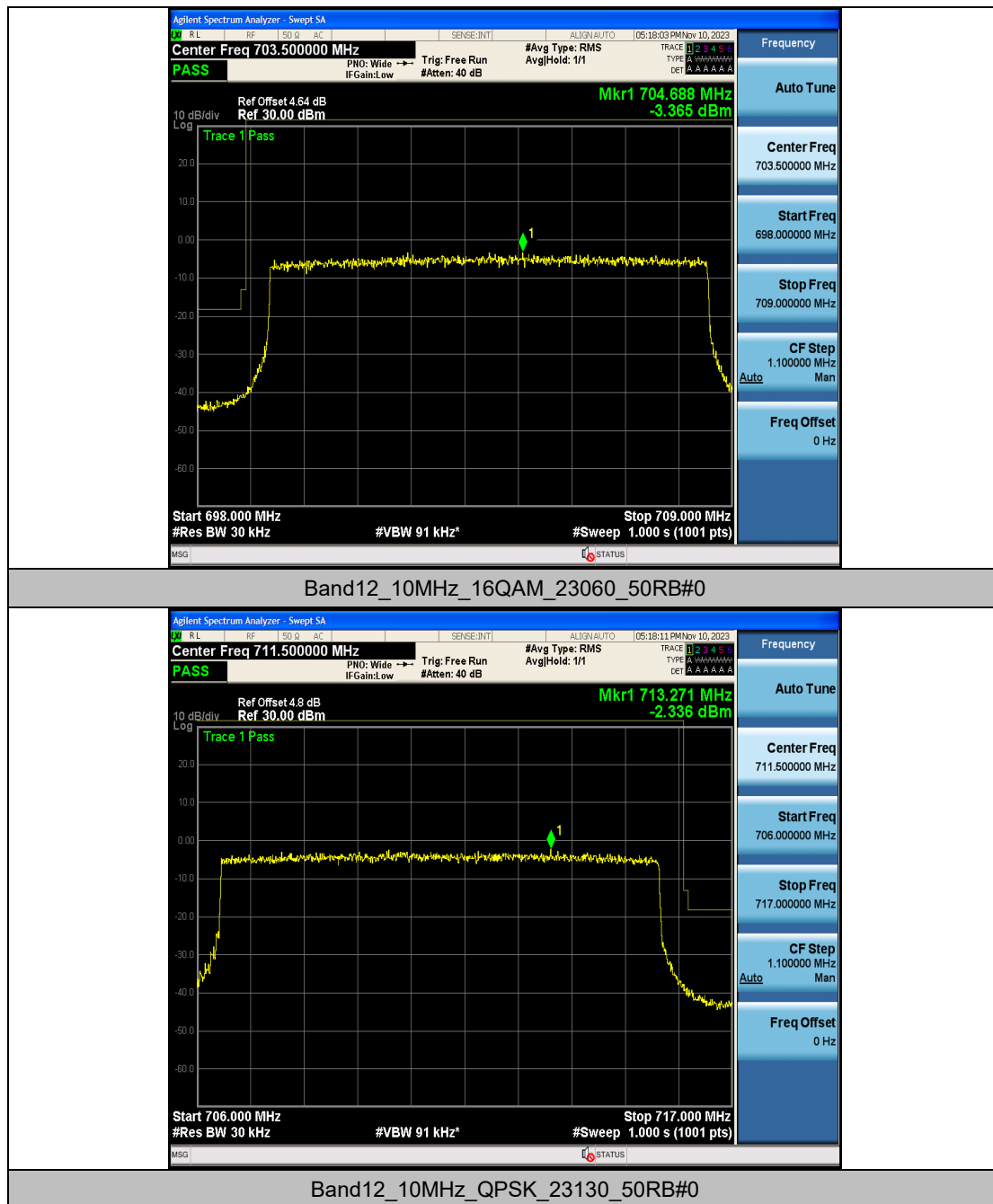
Band12_5MHz_QPSK_23155_25RB#0

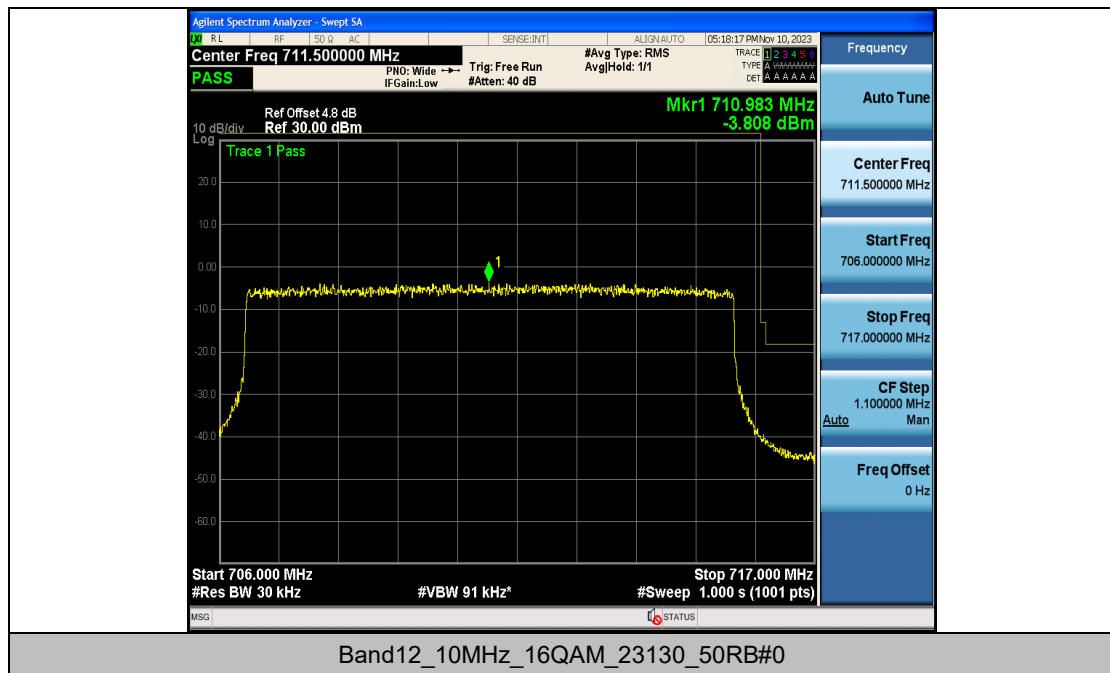


Band12_5MHz_16QAM_23155_25RB#0



Band12_10MHz_QPSK_23060_50RB#0





Appendix E: Conducted Spurious Emission

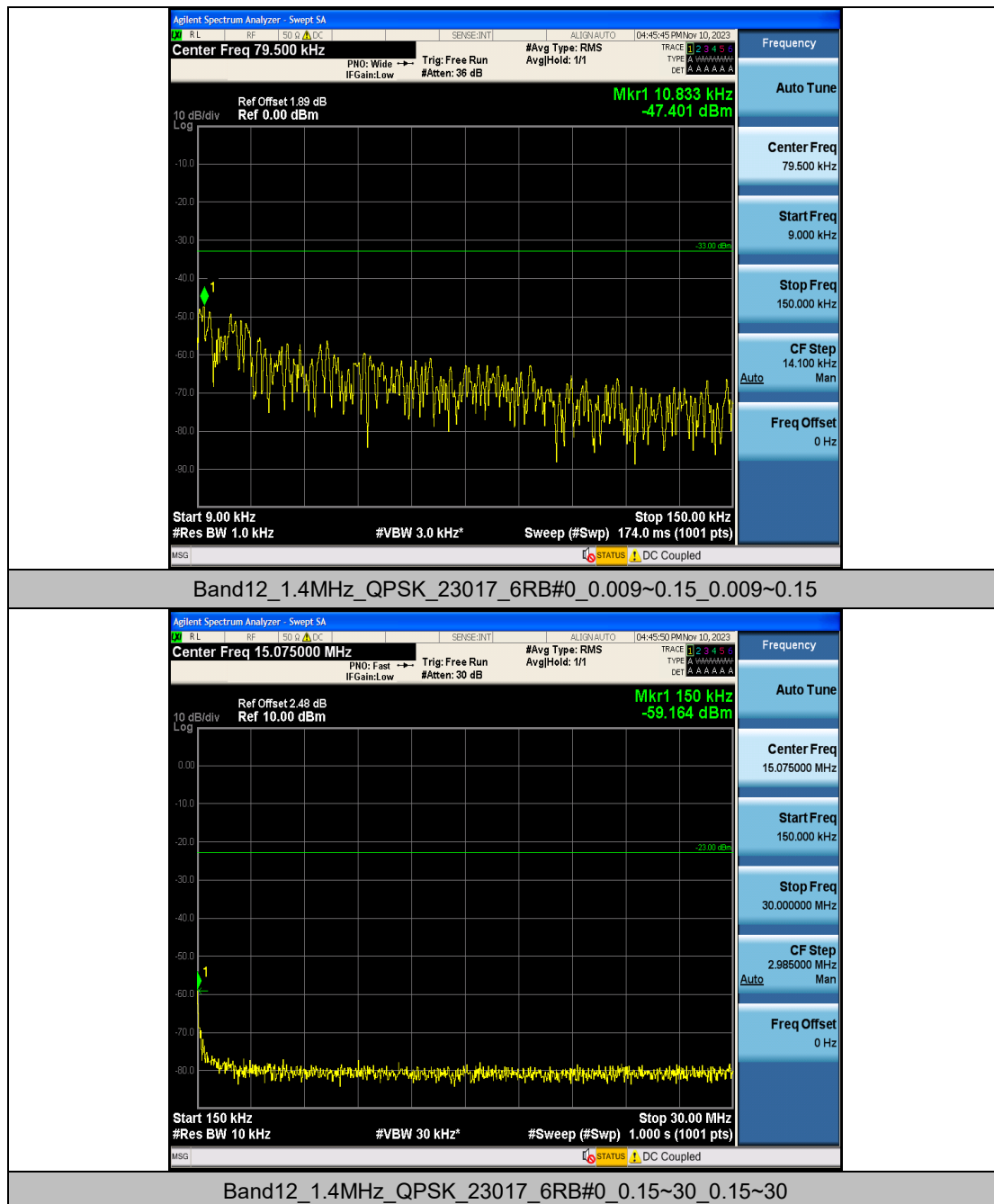
Test Result

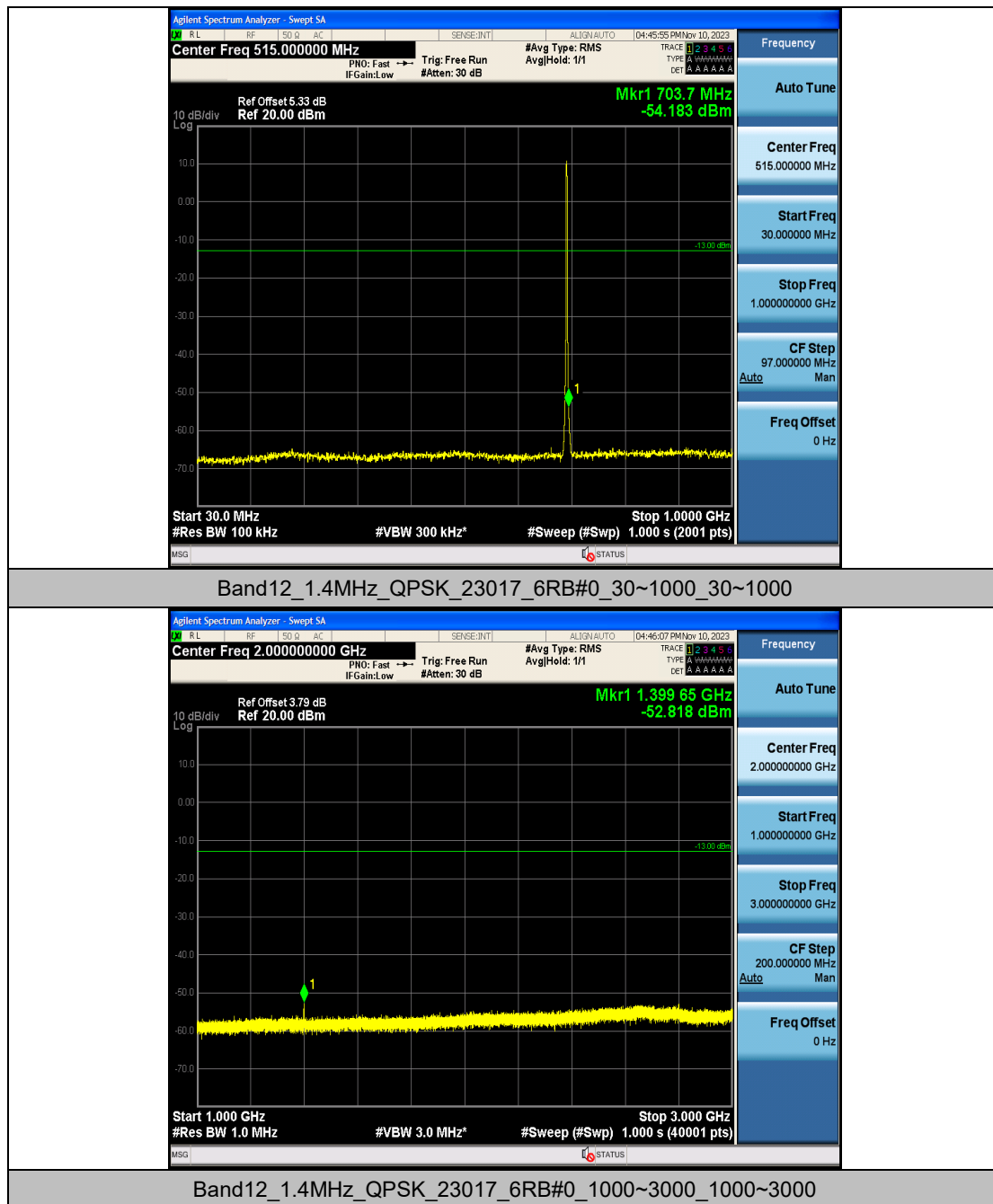
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	0.009~0.15	-47.40	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	0.15~30	-59.16	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	30~1000	-54.18	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1000~3000	-52.82	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	3000~10000	-49.99	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.009~0.15	-47.24	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	0.15~30	-58.90	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	30~1000	-57.36	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1000~3000	-52.81	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	3000~10000	-49.72	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.009~0.15	-47.56	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	0.15~30	-59.52	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	30~1000	-54.17	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1000~3000	-52.58	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	3000~10000	-50.21	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.009~0.15	-49.24	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	0.15~30	-57.41	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	30~1000	-55.16	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1000~3000	-52.25	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	3000~10000	-50.11	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.009~0.15	-45.27	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	0.15~30	-57.47	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	30~1000	-53.89	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1000~3000	-51.27	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	3000~10000	-50.26	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.009~0.15	-47.93	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	0.15~30	-59.61	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	30~1000	-54.99	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1000~3000	-52.56	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	3000~10000	-50.30	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.009~0.15	-46.23	PASS
Band12	3MHz	QPSK	23025	15RB#0	0.15~30	-58.42	PASS
Band12	3MHz	QPSK	23025	15RB#0	30~1000	-53.94	PASS
Band12	3MHz	QPSK	23025	15RB#0	1000~3000	-52.78	PASS
Band12	3MHz	QPSK	23025	15RB#0	3000~10000	-50.12	PASS
Band12	3MHz	16QAM	23025	15RB#0	0.009~0.15	-50.08	PASS

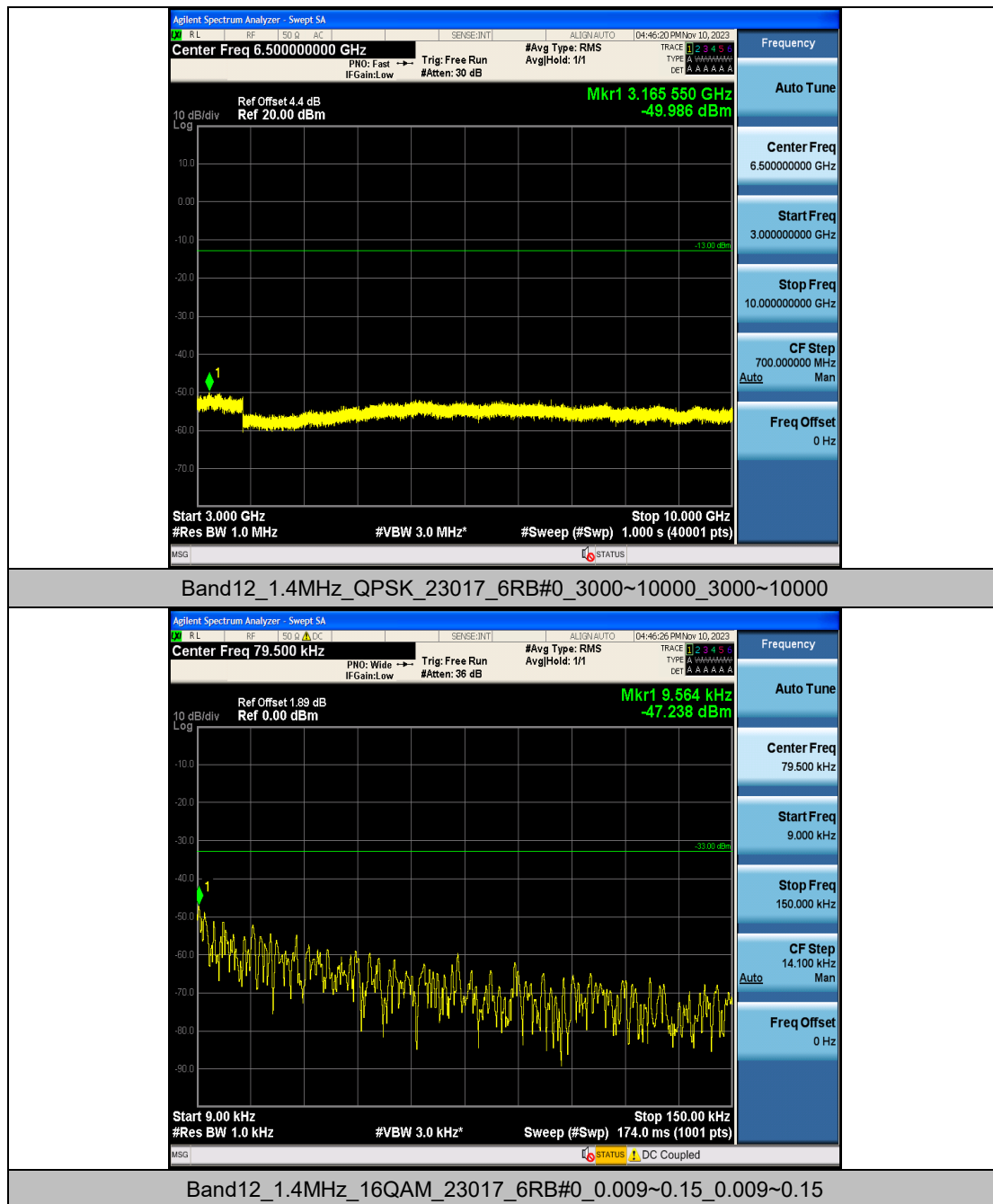
Band12	3MHz	16QAM	23025	15RB#0	0.15~30	-57.84	PASS
Band12	3MHz	16QAM	23025	15RB#0	30~1000	-55.11	PASS
Band12	3MHz	16QAM	23025	15RB#0	1000~3000	-52.57	PASS
Band12	3MHz	16QAM	23025	15RB#0	3000~10000	-49.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	0.009~0.15	-46.22	PASS
Band12	3MHz	QPSK	23095	15RB#0	0.15~30	-59.71	PASS
Band12	3MHz	QPSK	23095	15RB#0	30~1000	-53.37	PASS
Band12	3MHz	QPSK	23095	15RB#0	1000~3000	-52.69	PASS
Band12	3MHz	QPSK	23095	15RB#0	3000~10000	-50.39	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.009~0.15	-49.49	PASS
Band12	3MHz	16QAM	23095	15RB#0	0.15~30	-59.61	PASS
Band12	3MHz	16QAM	23095	15RB#0	30~1000	-55.69	PASS
Band12	3MHz	16QAM	23095	15RB#0	1000~3000	-52.83	PASS
Band12	3MHz	16QAM	23095	15RB#0	3000~10000	-50.21	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.009~0.15	-47.12	PASS
Band12	3MHz	QPSK	23165	15RB#0	0.15~30	-59.44	PASS
Band12	3MHz	QPSK	23165	15RB#0	30~1000	-53.07	PASS
Band12	3MHz	QPSK	23165	15RB#0	1000~3000	-52.72	PASS
Band12	3MHz	QPSK	23165	15RB#0	3000~10000	-49.86	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.009~0.15	-47.67	PASS
Band12	3MHz	16QAM	23165	15RB#0	0.15~30	-58.27	PASS
Band12	3MHz	16QAM	23165	15RB#0	30~1000	-56.66	PASS
Band12	3MHz	16QAM	23165	15RB#0	1000~3000	-52.89	PASS
Band12	3MHz	16QAM	23165	15RB#0	3000~10000	-50.25	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.009~0.15	-47.07	PASS
Band12	5MHz	QPSK	23035	25RB#0	0.15~30	-58.26	PASS
Band12	5MHz	QPSK	23035	25RB#0	30~1000	-55.21	PASS
Band12	5MHz	QPSK	23035	25RB#0	1000~3000	-52.94	PASS
Band12	5MHz	QPSK	23035	25RB#0	3000~10000	-50.23	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.009~0.15	-48.15	PASS
Band12	5MHz	16QAM	23035	25RB#0	0.15~30	-60.74	PASS
Band12	5MHz	16QAM	23035	25RB#0	30~1000	-58.15	PASS
Band12	5MHz	16QAM	23035	25RB#0	1000~3000	-53.12	PASS
Band12	5MHz	16QAM	23035	25RB#0	3000~10000	-50.44	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.009~0.15	-49.72	PASS
Band12	5MHz	QPSK	23095	25RB#0	0.15~30	-57.59	PASS
Band12	5MHz	QPSK	23095	25RB#0	30~1000	-57.17	PASS
Band12	5MHz	QPSK	23095	25RB#0	1000~3000	-52.54	PASS
Band12	5MHz	QPSK	23095	25RB#0	3000~10000	-50.29	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.009~0.15	-50.35	PASS
Band12	5MHz	16QAM	23095	25RB#0	0.15~30	-57.74	PASS
Band12	5MHz	16QAM	23095	25RB#0	30~1000	-58.62	PASS
Band12	5MHz	16QAM	23095	25RB#0	1000~3000	-52.63	PASS

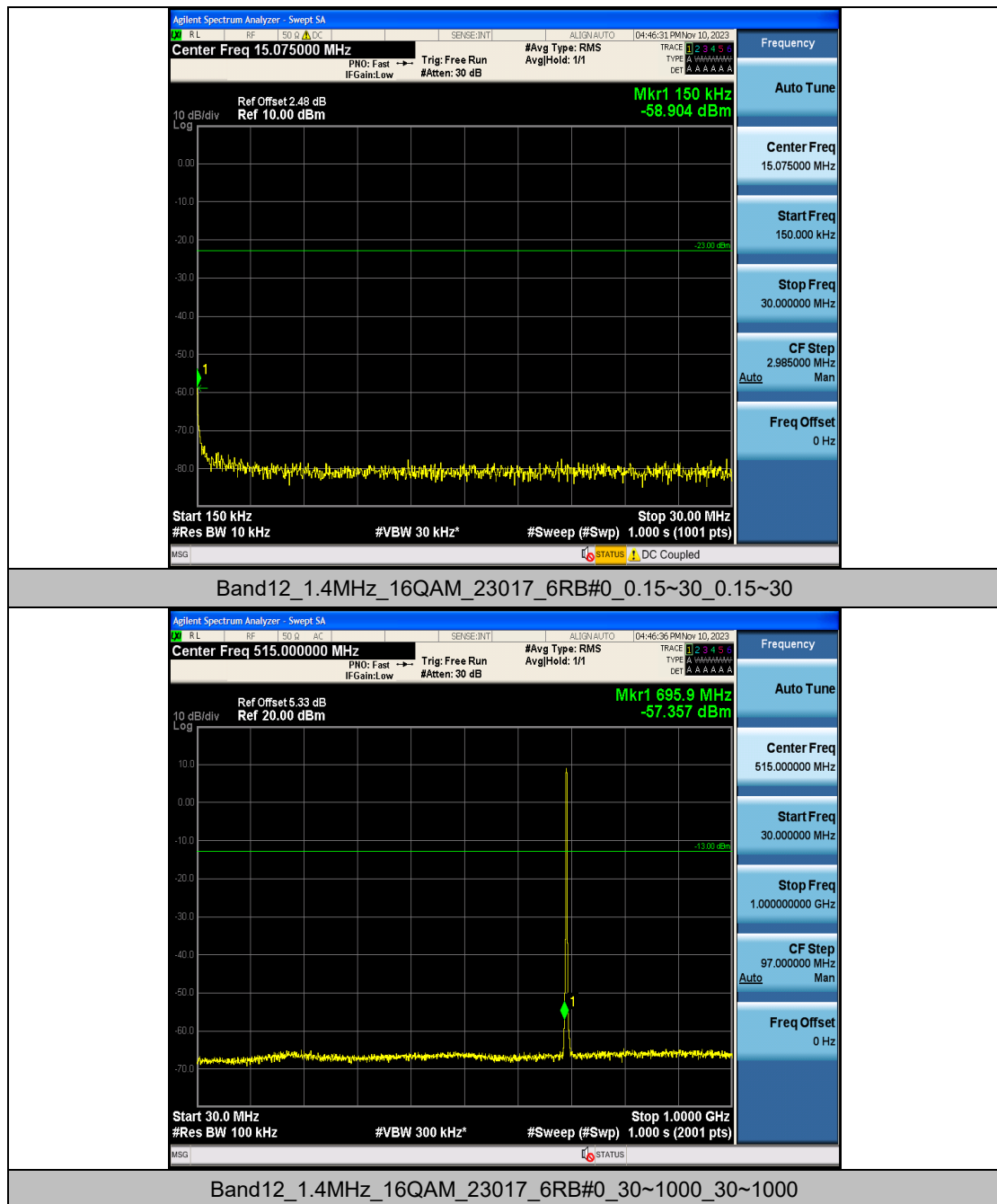
Band12	5MHz	16QAM	23095	25RB#0	3000~10000	-50.31	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.009~0.15	-49.96	PASS
Band12	5MHz	QPSK	23155	25RB#0	0.15~30	-60.15	PASS
Band12	5MHz	QPSK	23155	25RB#0	30~1000	-53.88	PASS
Band12	5MHz	QPSK	23155	25RB#0	1000~3000	-52.83	PASS
Band12	5MHz	QPSK	23155	25RB#0	3000~10000	-50.22	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.009~0.15	-48.38	PASS
Band12	5MHz	16QAM	23155	25RB#0	0.15~30	-58.73	PASS
Band12	5MHz	16QAM	23155	25RB#0	30~1000	-57.44	PASS
Band12	5MHz	16QAM	23155	25RB#0	1000~3000	-52.69	PASS
Band12	5MHz	16QAM	23155	25RB#0	3000~10000	-49.33	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.009~0.15	-47.69	PASS
Band12	10MHz	QPSK	23060	50RB#0	0.15~30	-57.67	PASS
Band12	10MHz	QPSK	23060	50RB#0	30~1000	-64.61	PASS
Band12	10MHz	QPSK	23060	50RB#0	1000~3000	-52.60	PASS
Band12	10MHz	QPSK	23060	50RB#0	3000~10000	-50.02	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.009~0.15	-47.99	PASS
Band12	10MHz	16QAM	23060	50RB#0	0.15~30	-58.30	PASS
Band12	10MHz	16QAM	23060	50RB#0	30~1000	-64.48	PASS
Band12	10MHz	16QAM	23060	50RB#0	1000~3000	-52.42	PASS
Band12	10MHz	16QAM	23060	50RB#0	3000~10000	-50.26	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.009~0.15	-49.72	PASS
Band12	10MHz	QPSK	23095	50RB#0	0.15~30	-58.27	PASS
Band12	10MHz	QPSK	23095	50RB#0	30~1000	-64.65	PASS
Band12	10MHz	QPSK	23095	50RB#0	1000~3000	-52.98	PASS
Band12	10MHz	QPSK	23095	50RB#0	3000~10000	-50.12	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.009~0.15	-46.43	PASS
Band12	10MHz	16QAM	23095	50RB#0	0.15~30	-60.06	PASS
Band12	10MHz	16QAM	23095	50RB#0	30~1000	-64.36	PASS
Band12	10MHz	16QAM	23095	50RB#0	1000~3000	-52.15	PASS
Band12	10MHz	16QAM	23095	50RB#0	3000~10000	-50.03	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.009~0.15	-45.94	PASS
Band12	10MHz	QPSK	23130	50RB#0	0.15~30	-58.13	PASS
Band12	10MHz	QPSK	23130	50RB#0	30~1000	-64.61	PASS
Band12	10MHz	QPSK	23130	50RB#0	1000~3000	-52.84	PASS
Band12	10MHz	QPSK	23130	50RB#0	3000~10000	-49.87	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.009~0.15	-46.49	PASS
Band12	10MHz	16QAM	23130	50RB#0	0.15~30	-58.37	PASS
Band12	10MHz	16QAM	23130	50RB#0	30~1000	-64.55	PASS
Band12	10MHz	16QAM	23130	50RB#0	1000~3000	-52.89	PASS
Band12	10MHz	16QAM	23130	50RB#0	3000~10000	-49.98	PASS

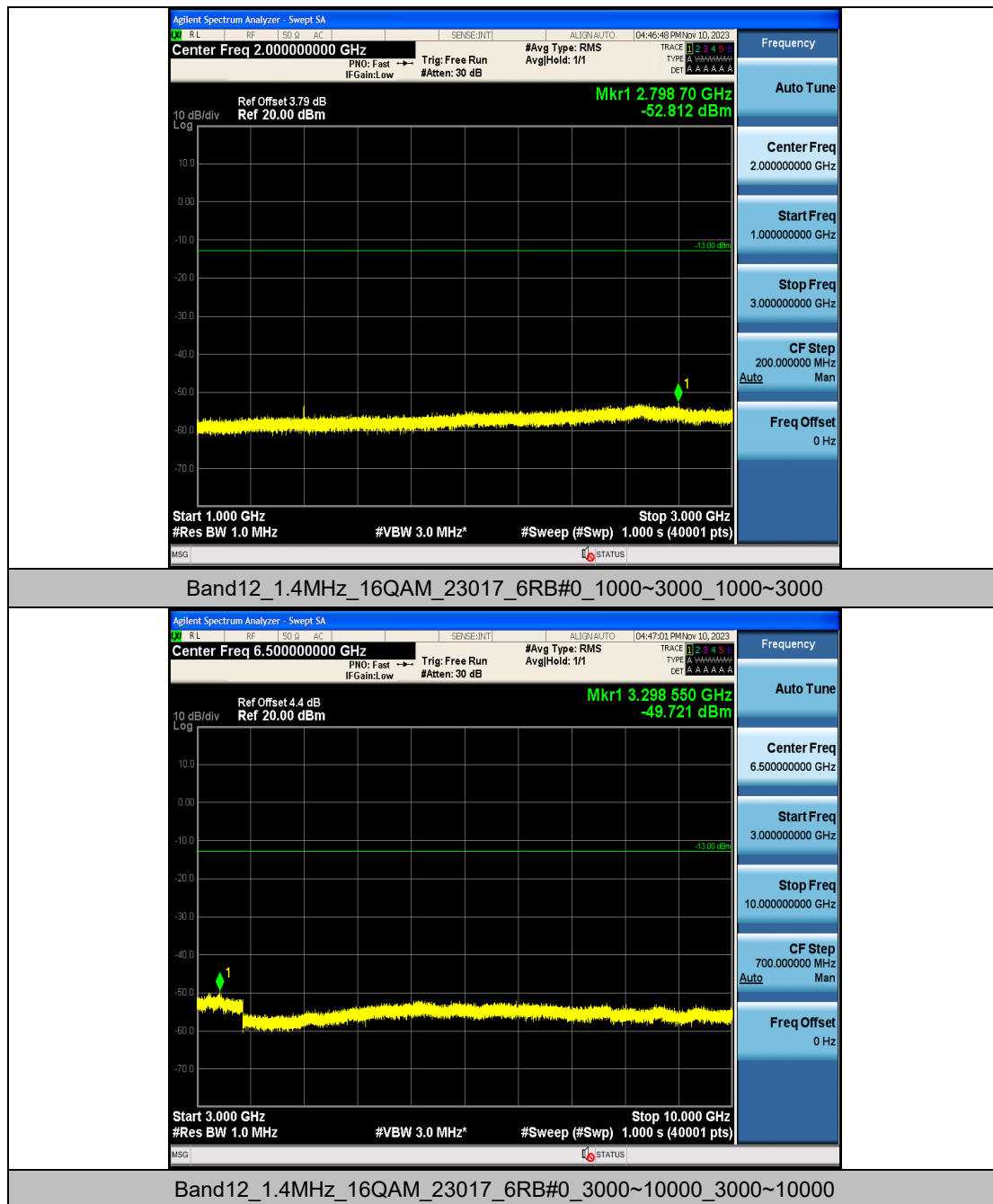
Test Graphs

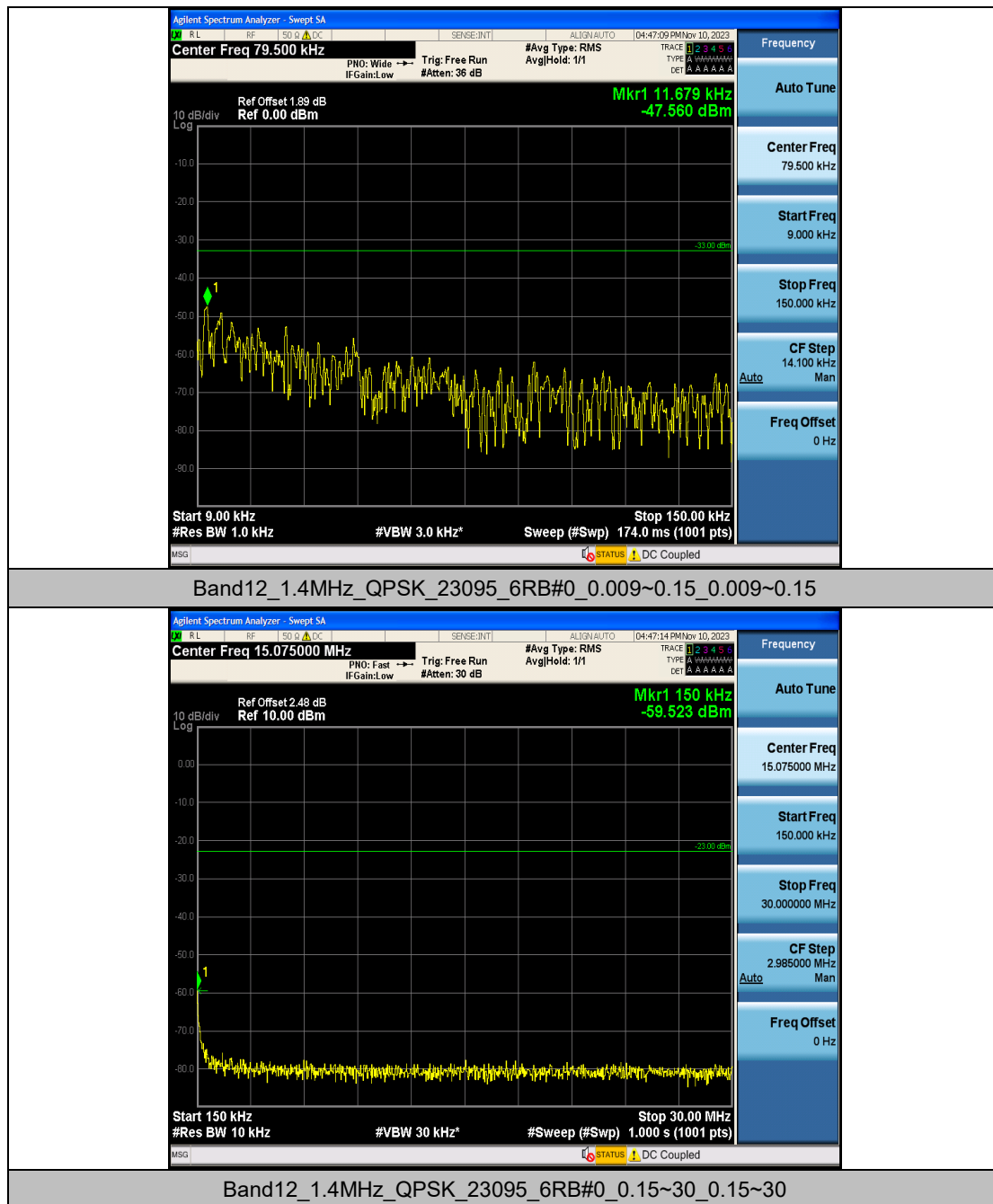


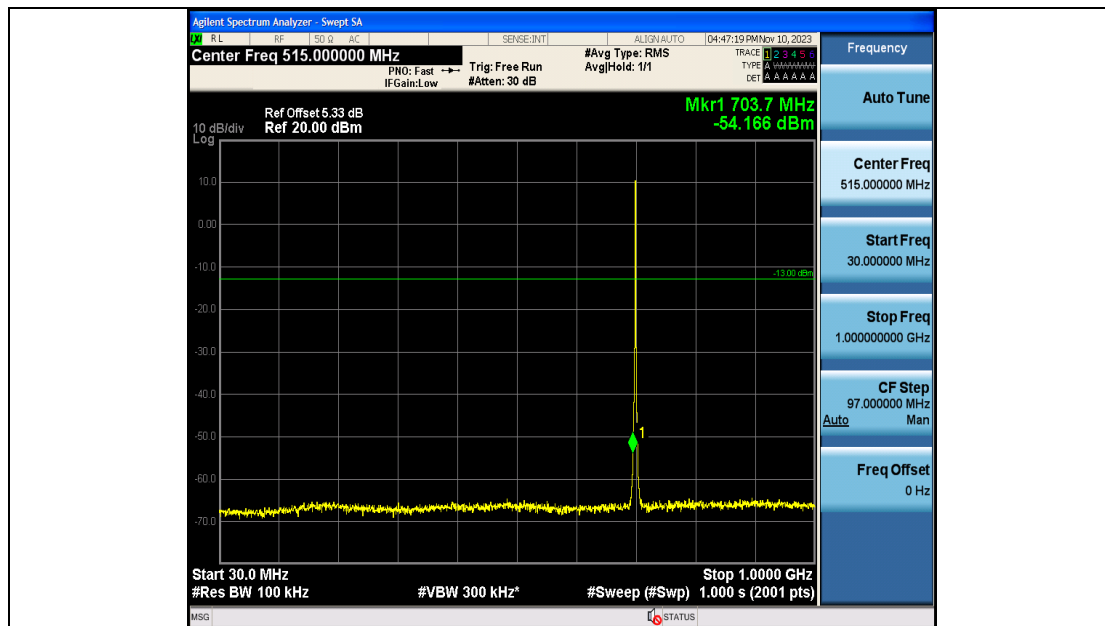




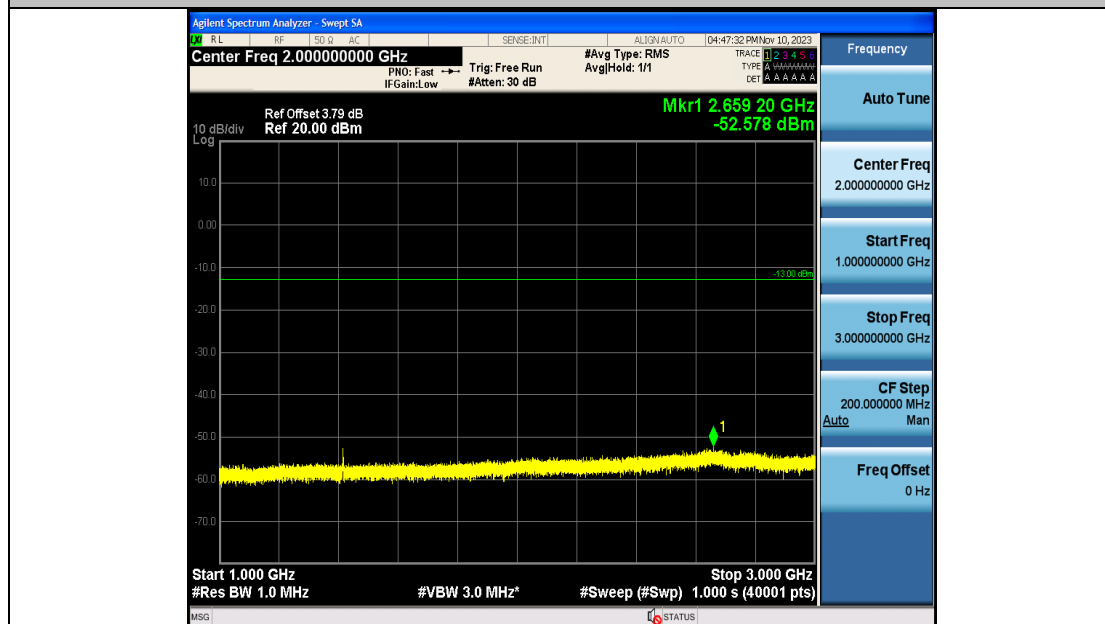




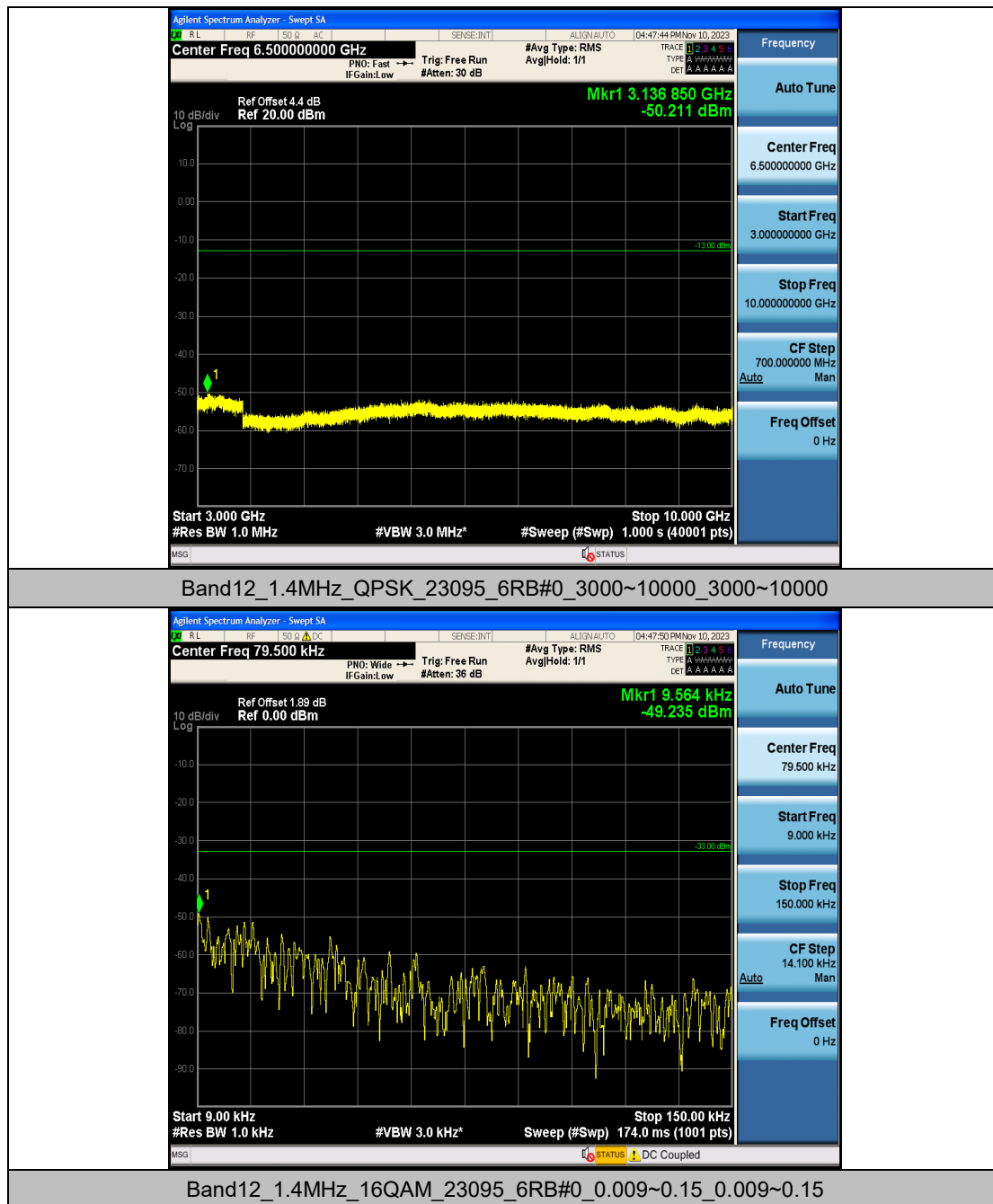


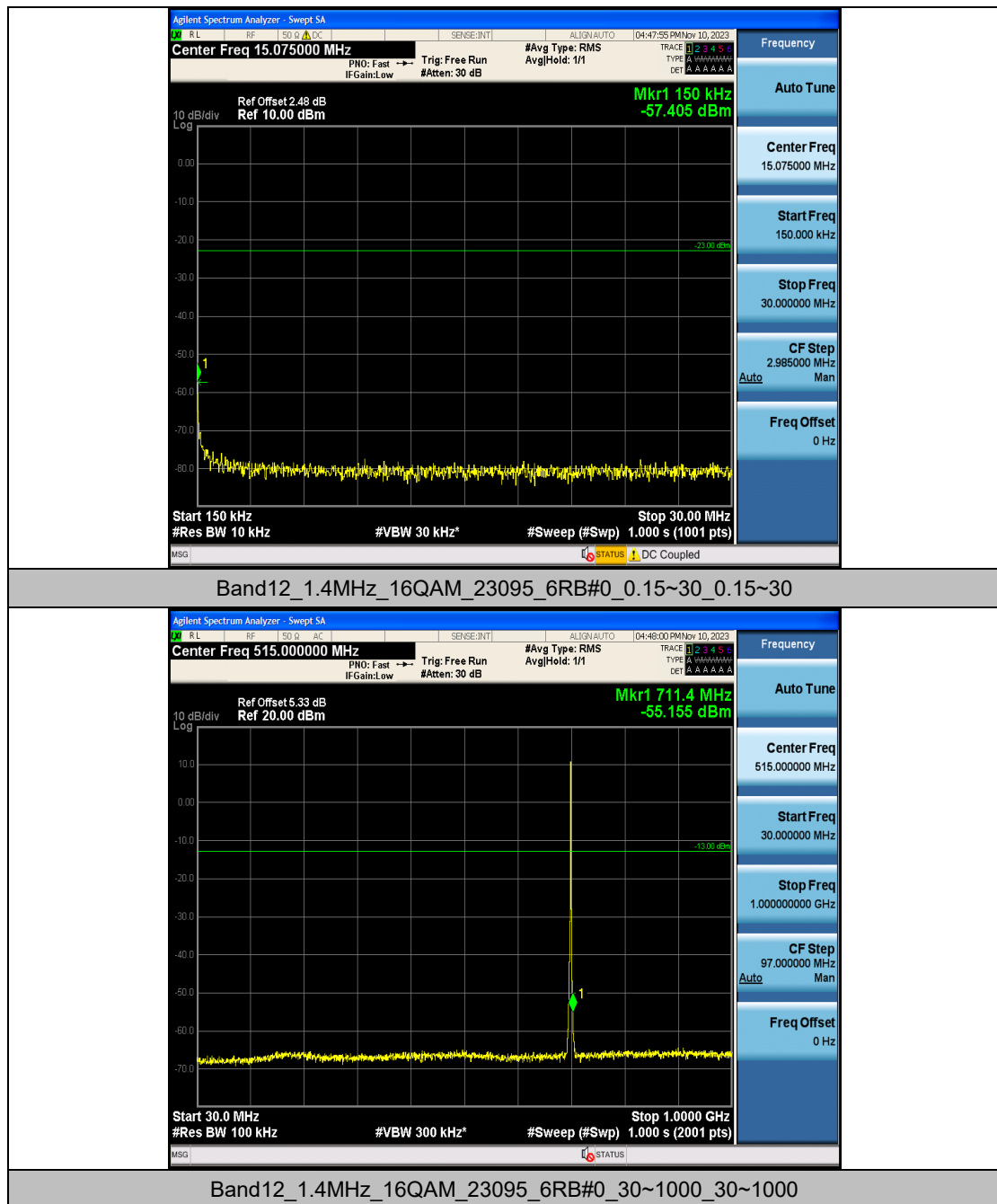


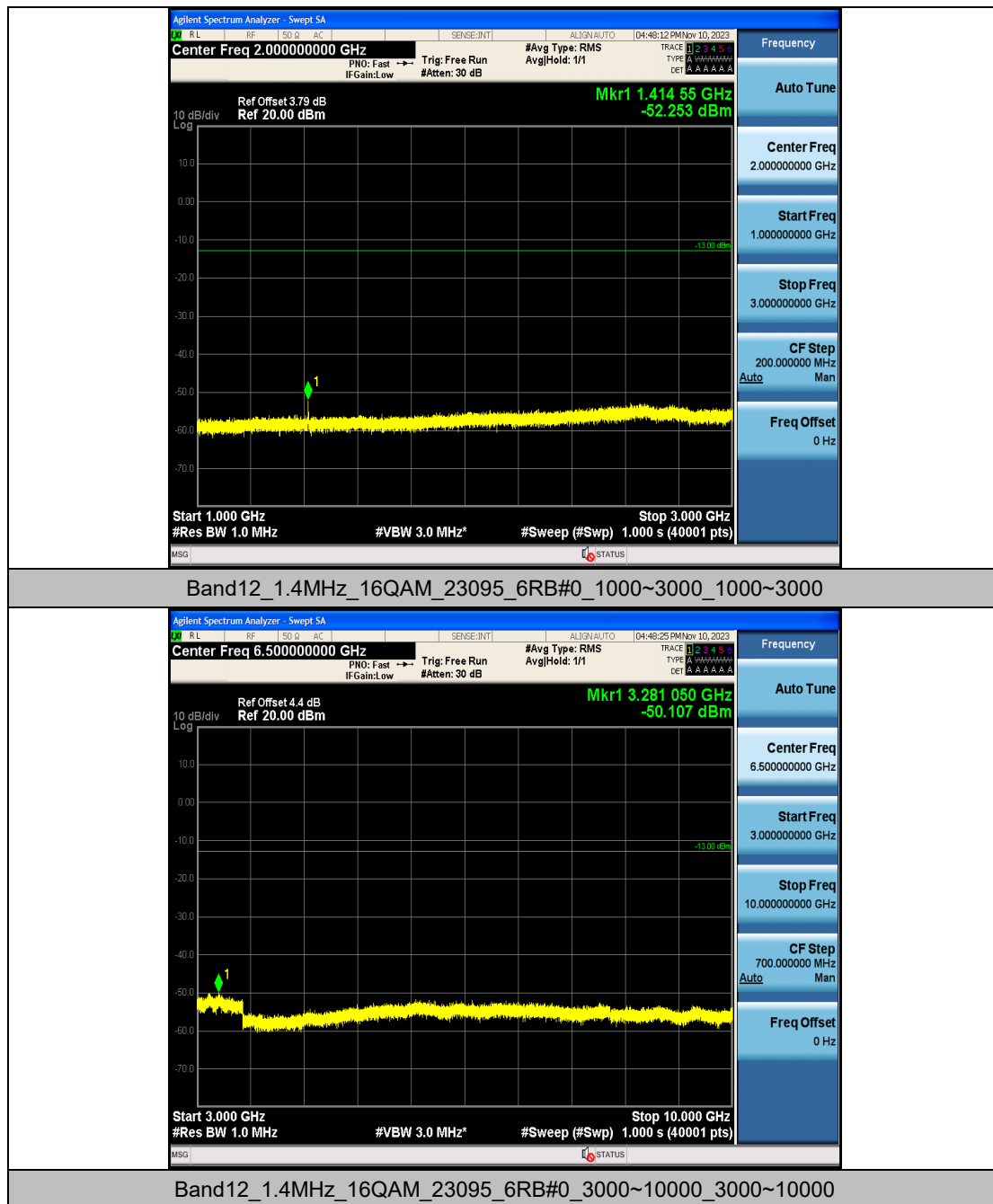
Band12_1.4MHz_QPSK_23095_6RB#0_30~1000_30~1000

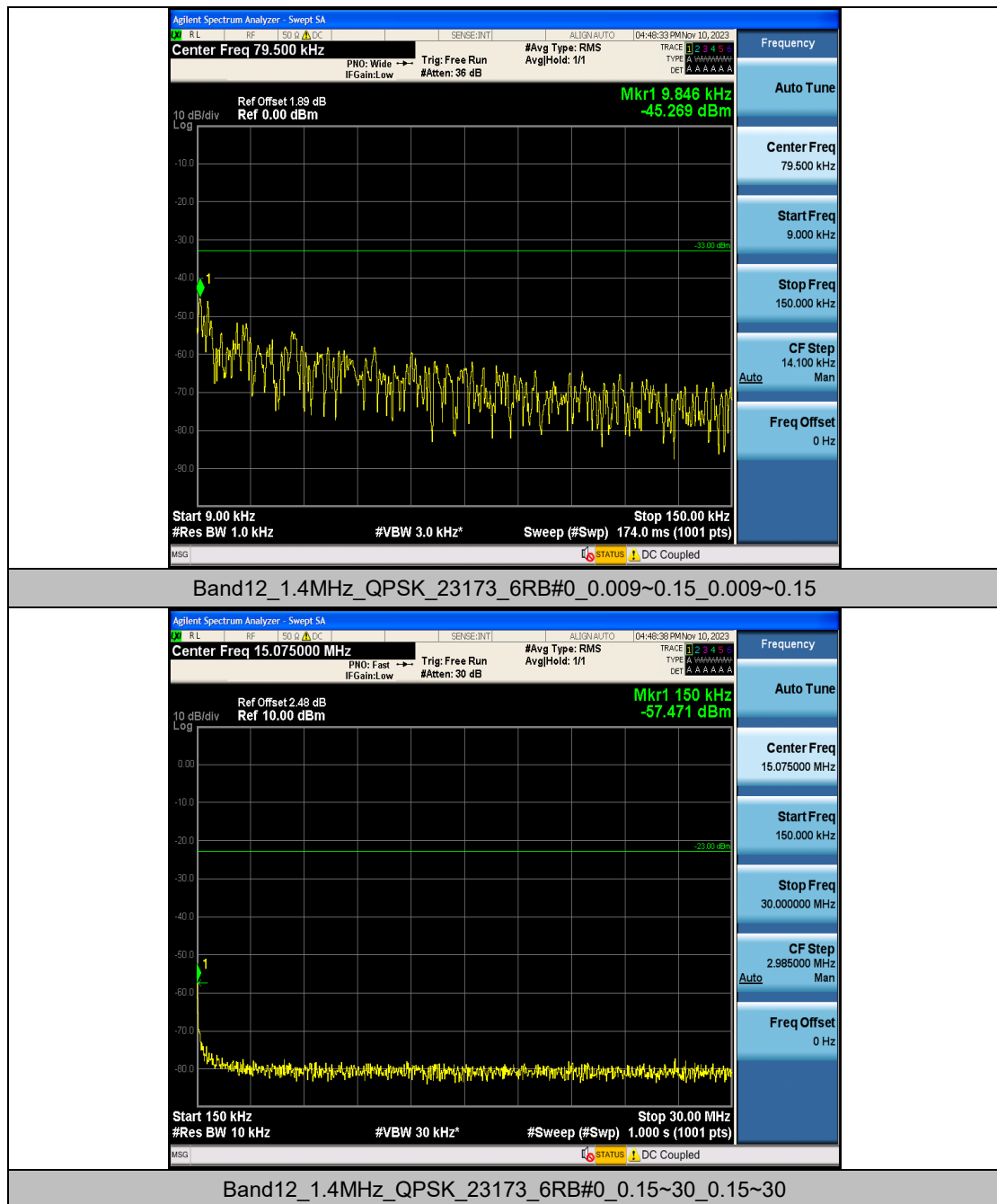


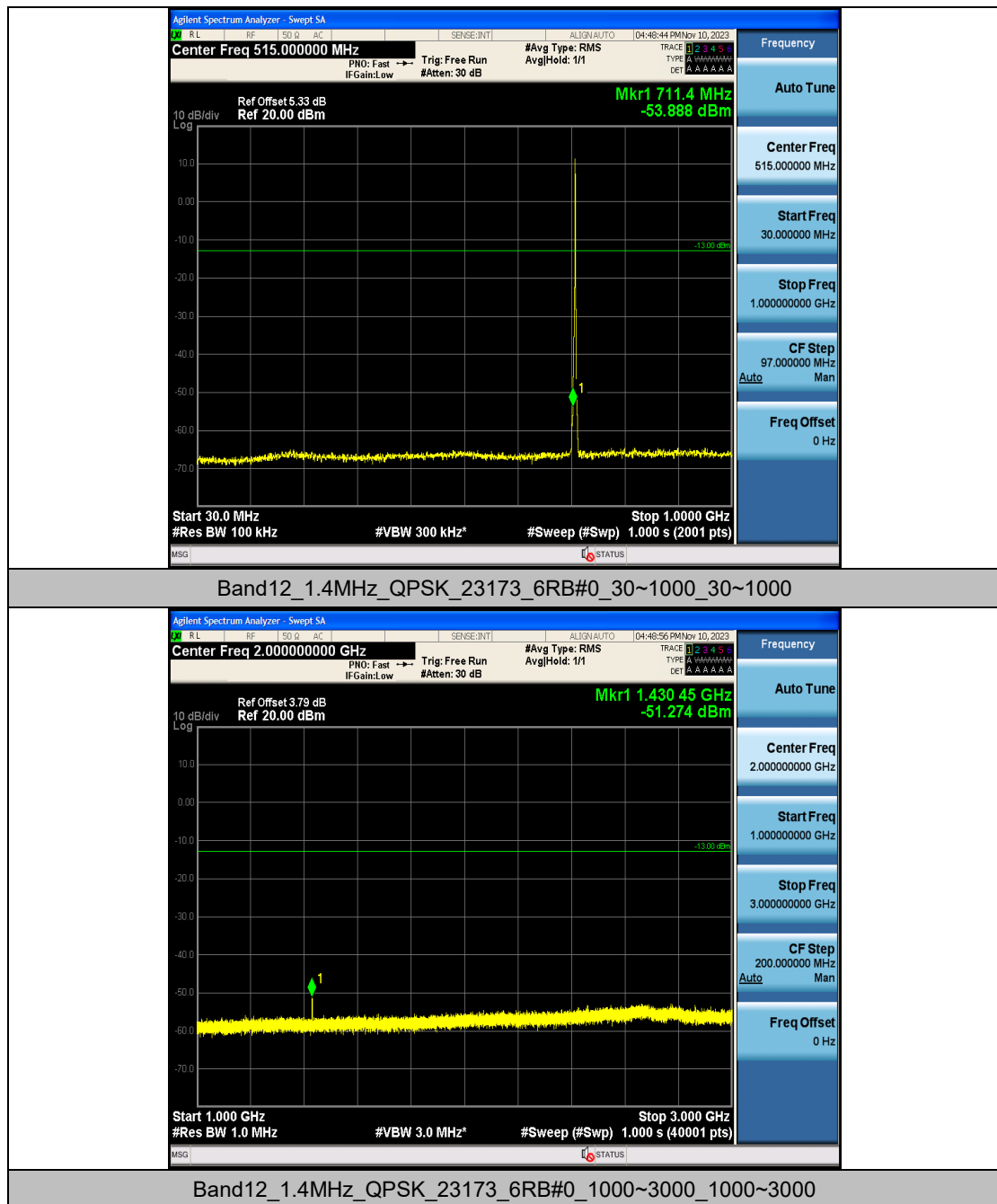
Band12_1.4MHz_QPSK_23095_6RB#0_1000~3000_1000~3000

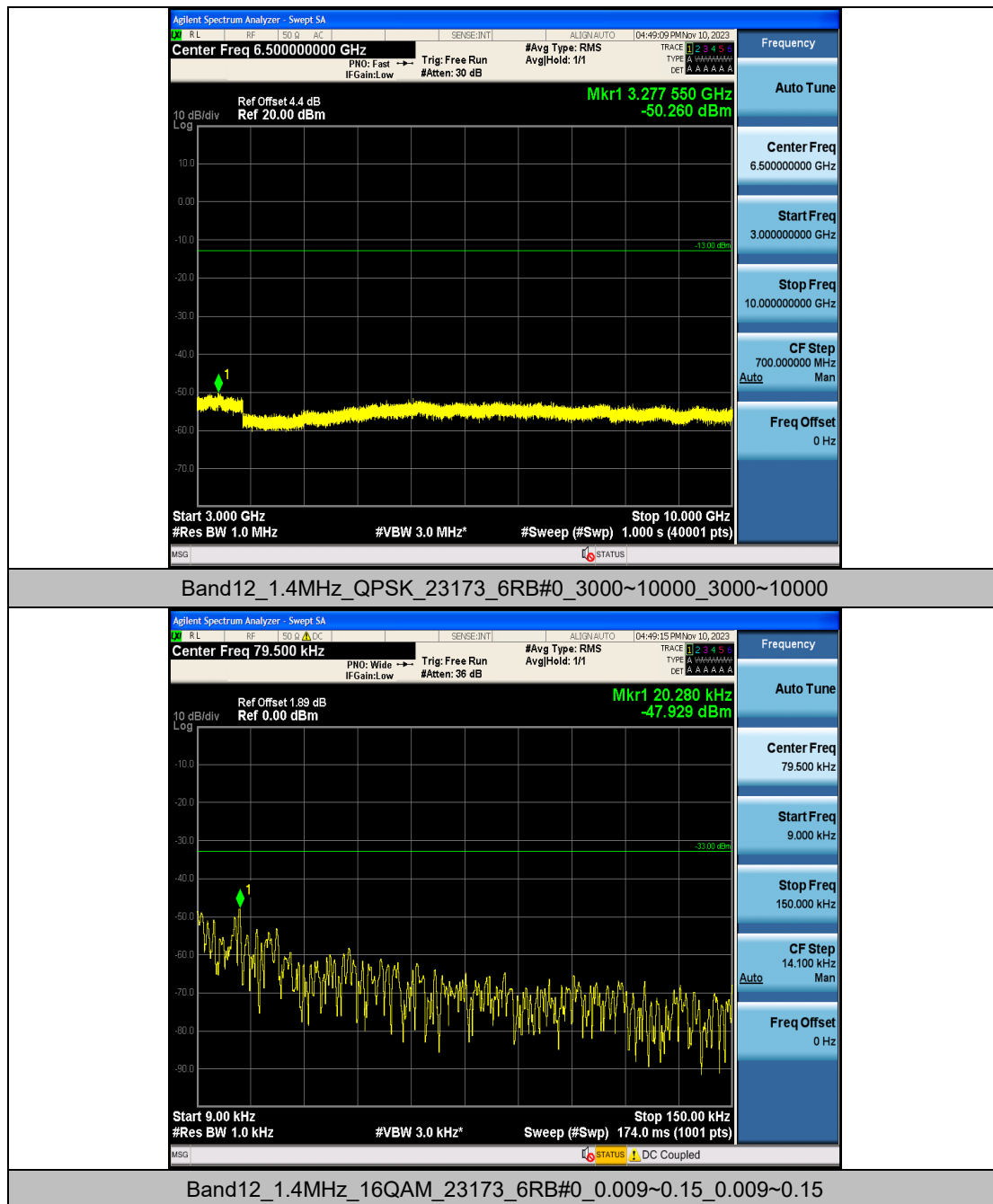


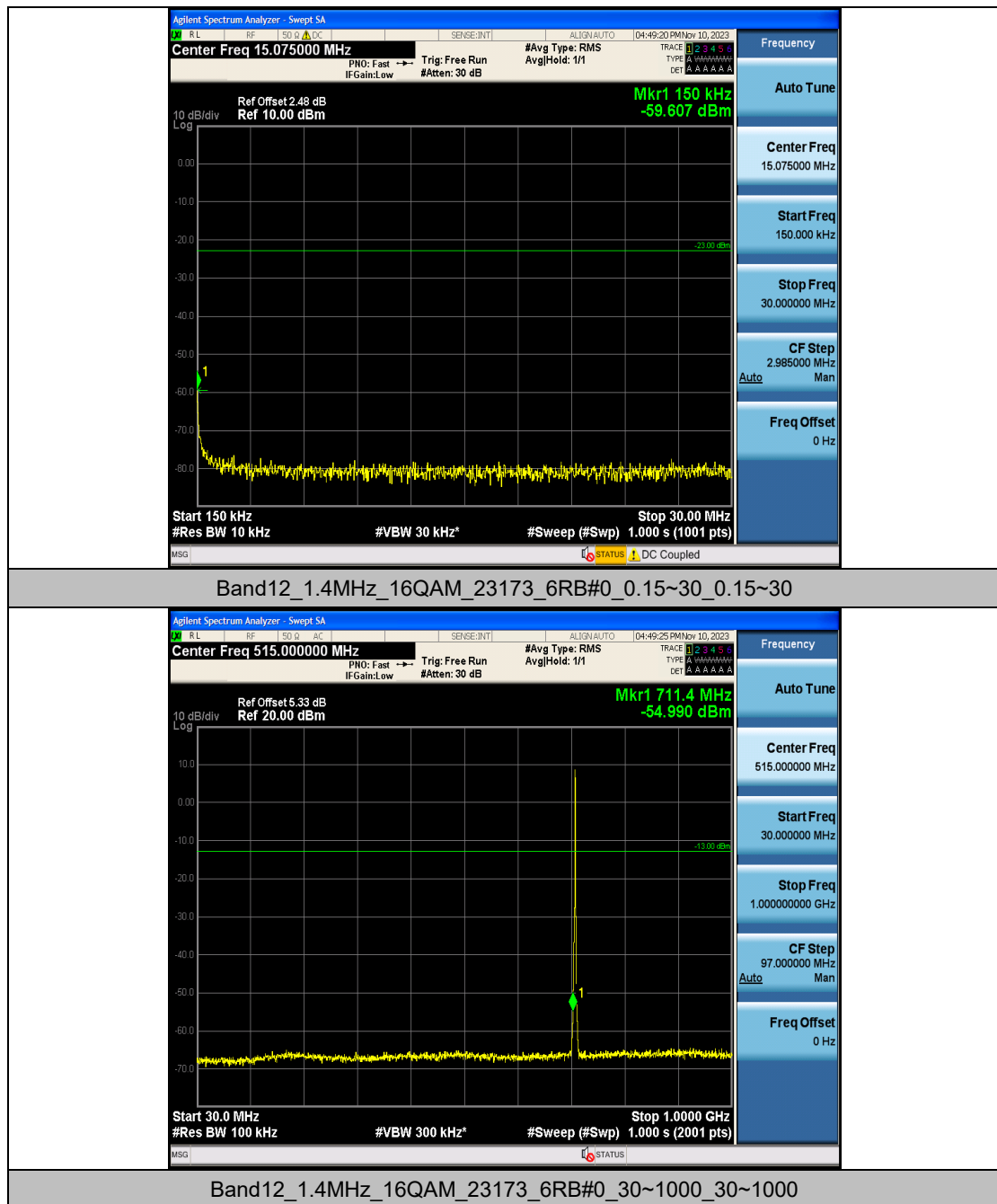


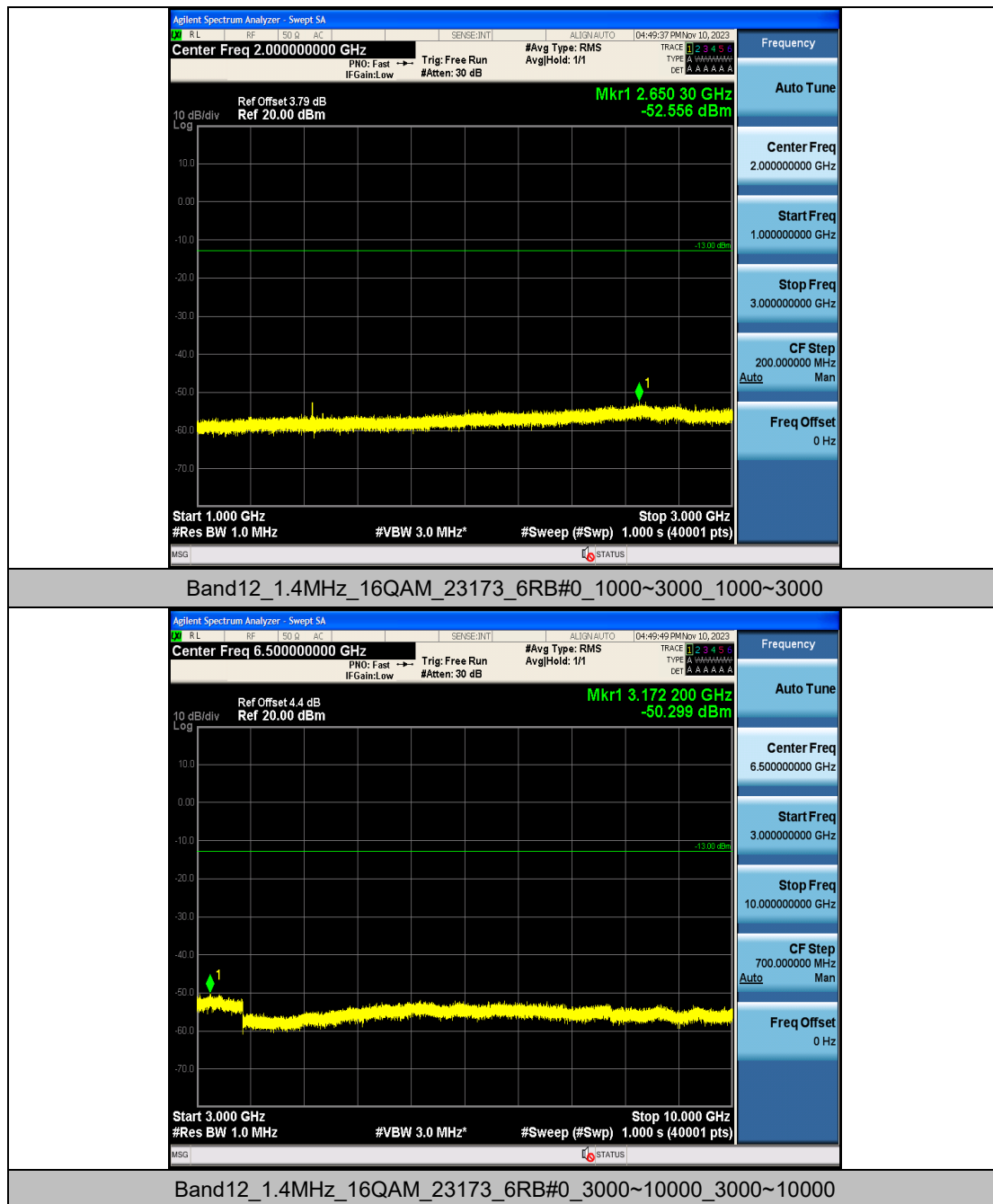


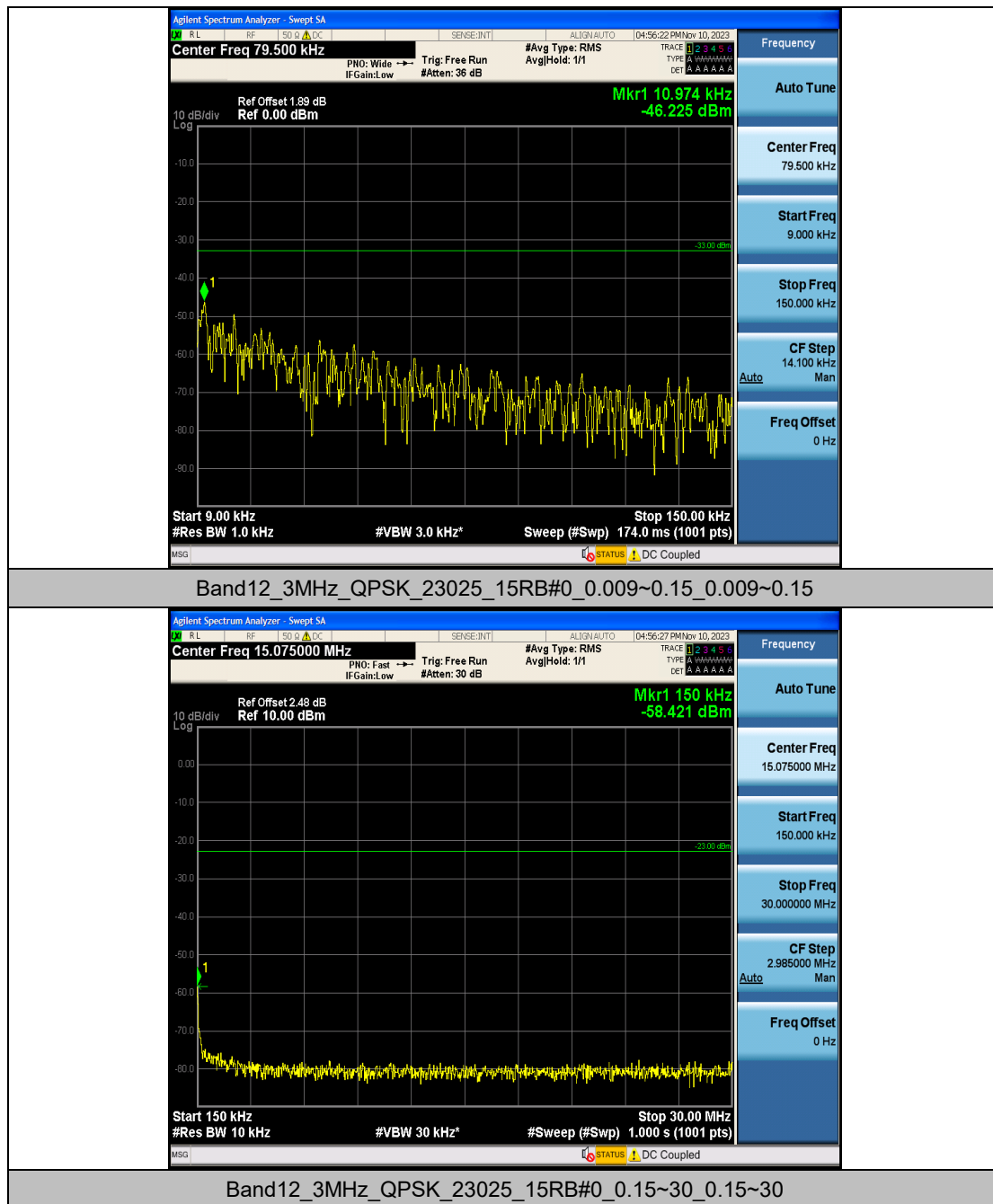


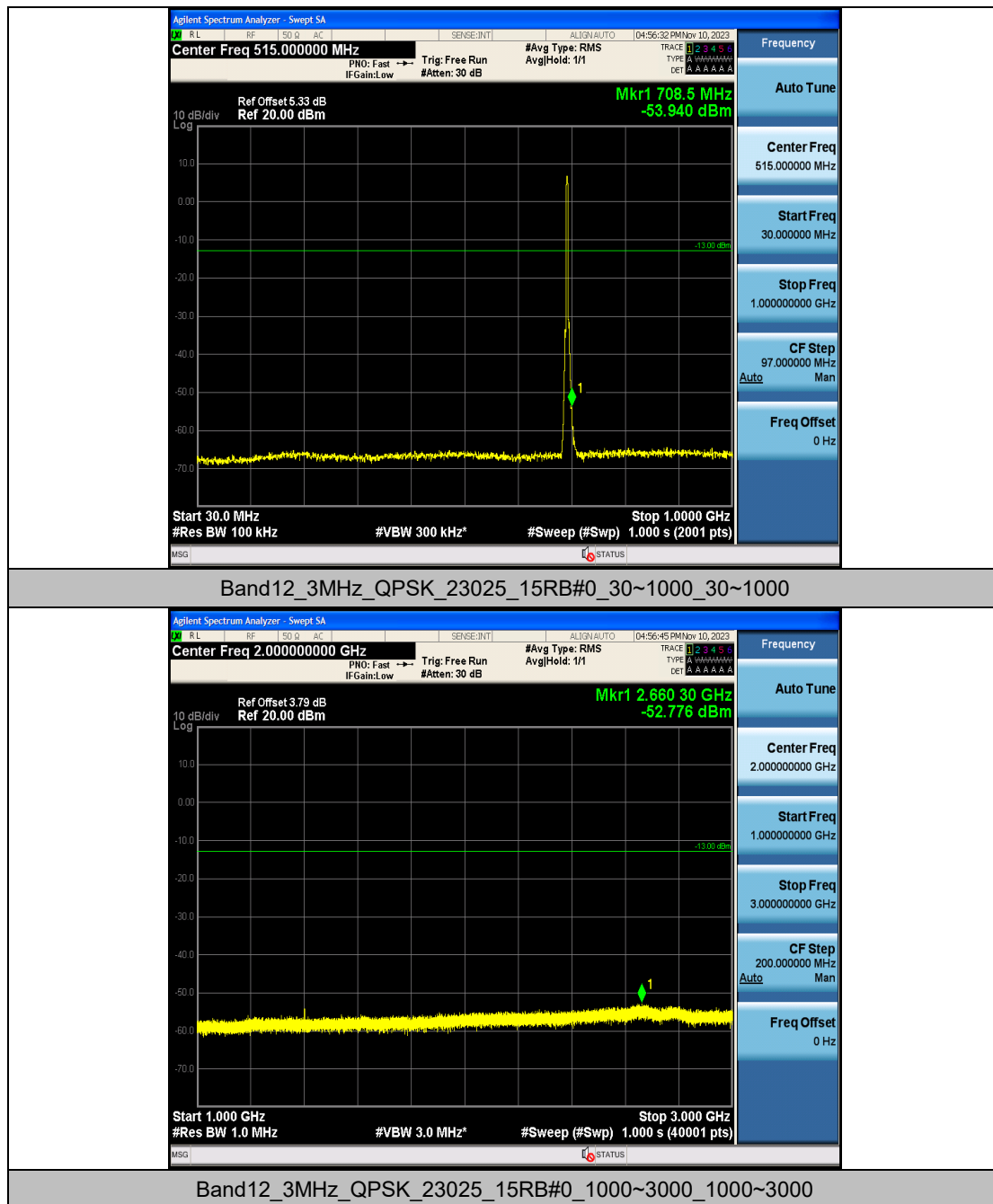


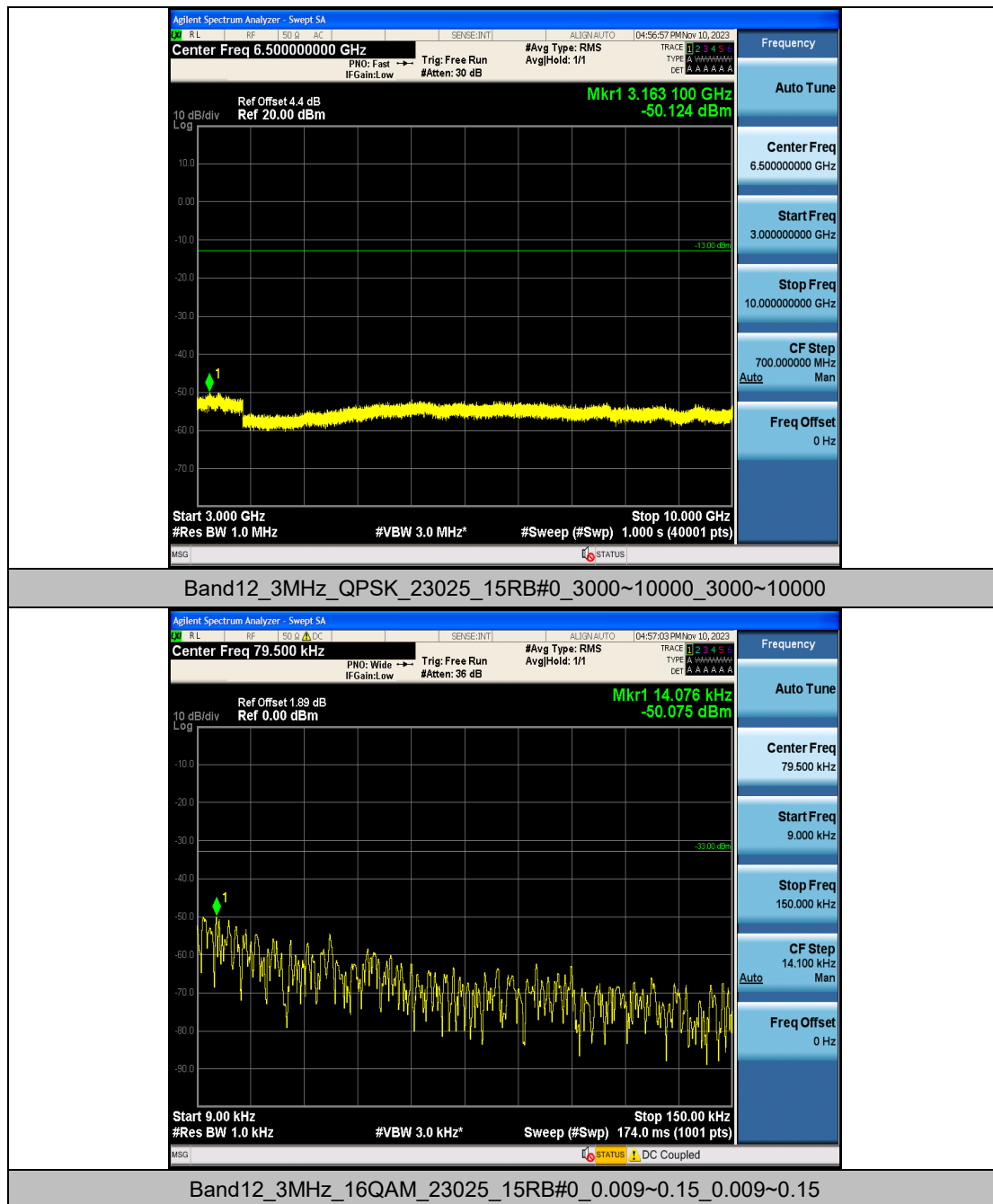


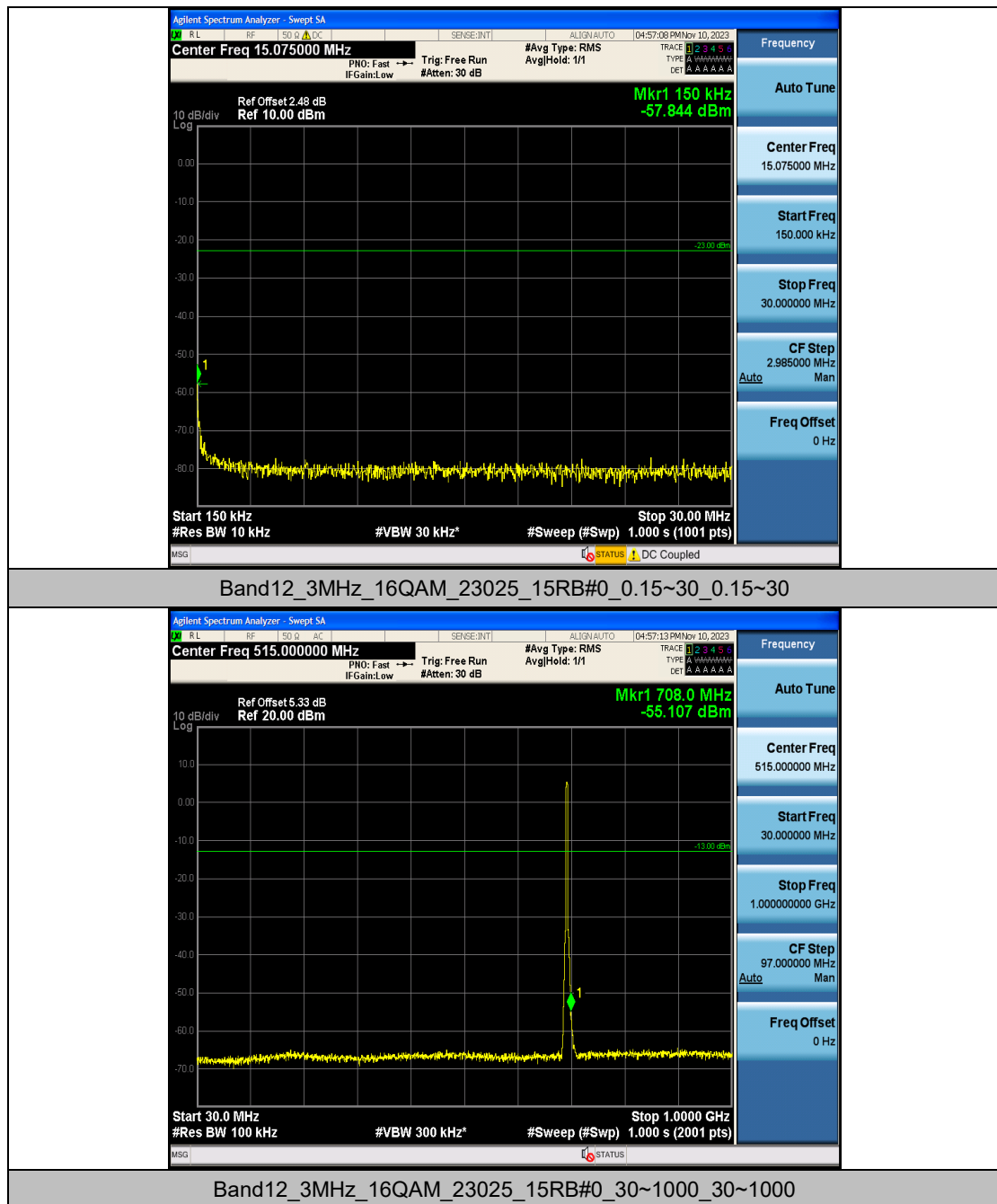


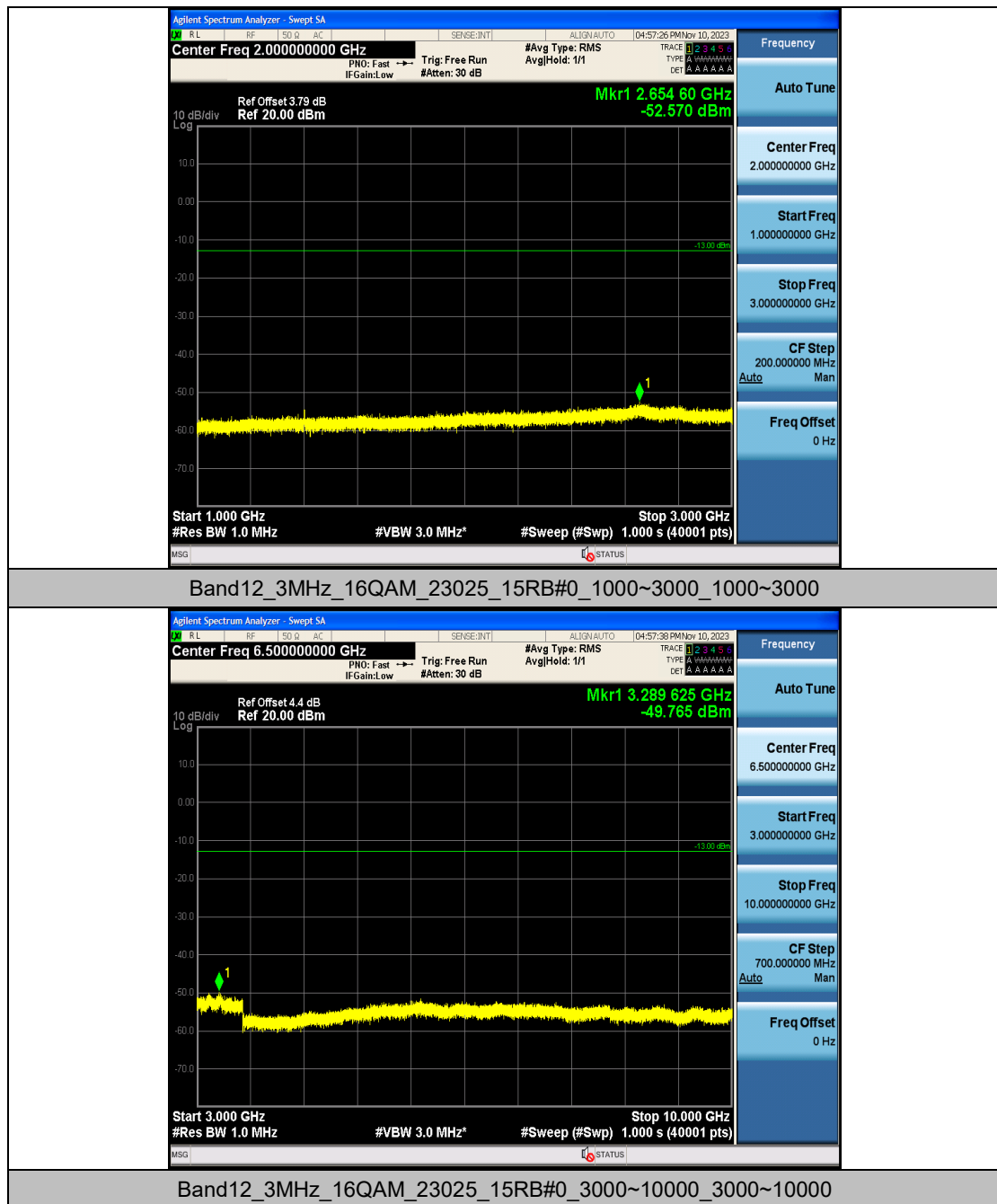


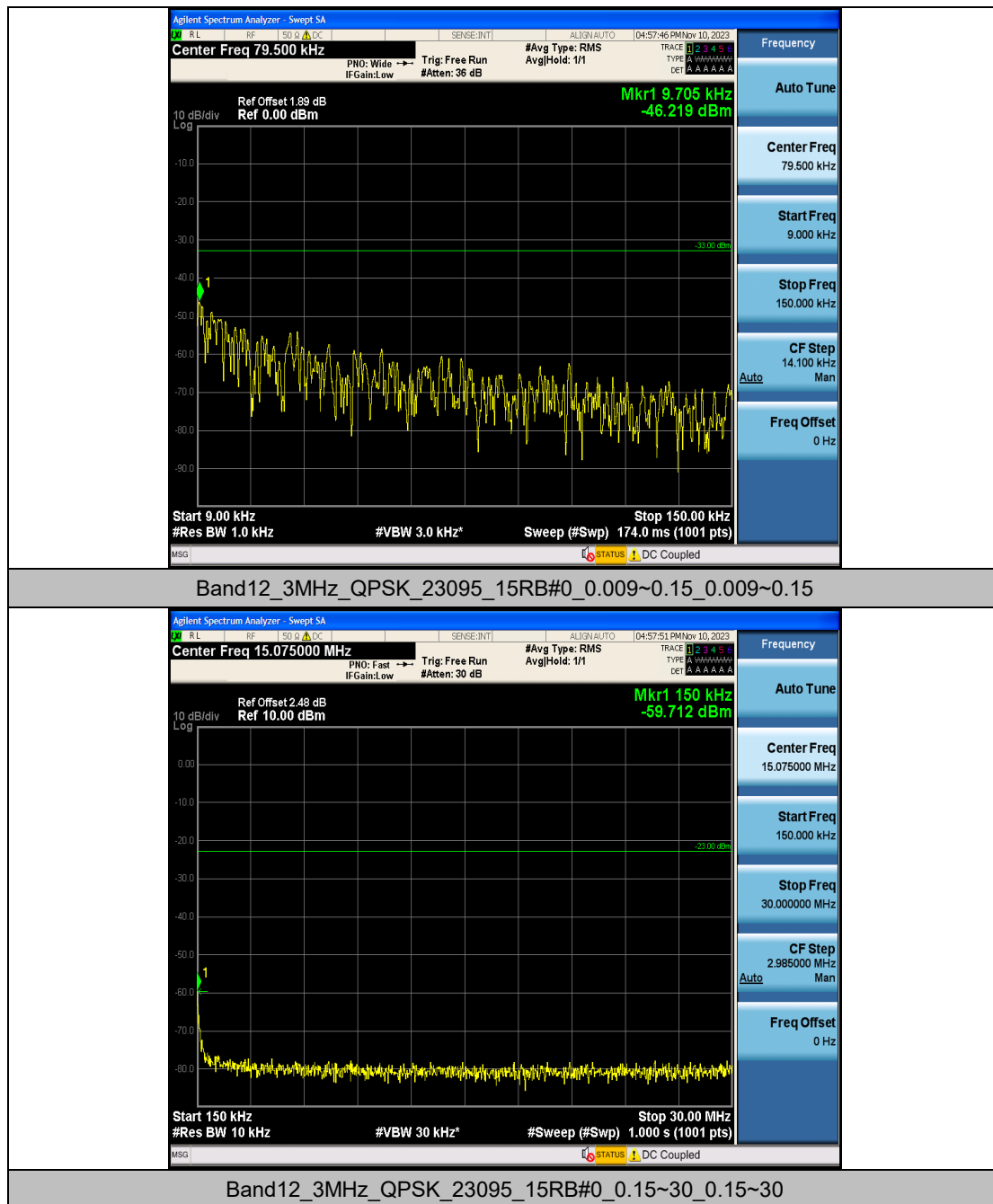


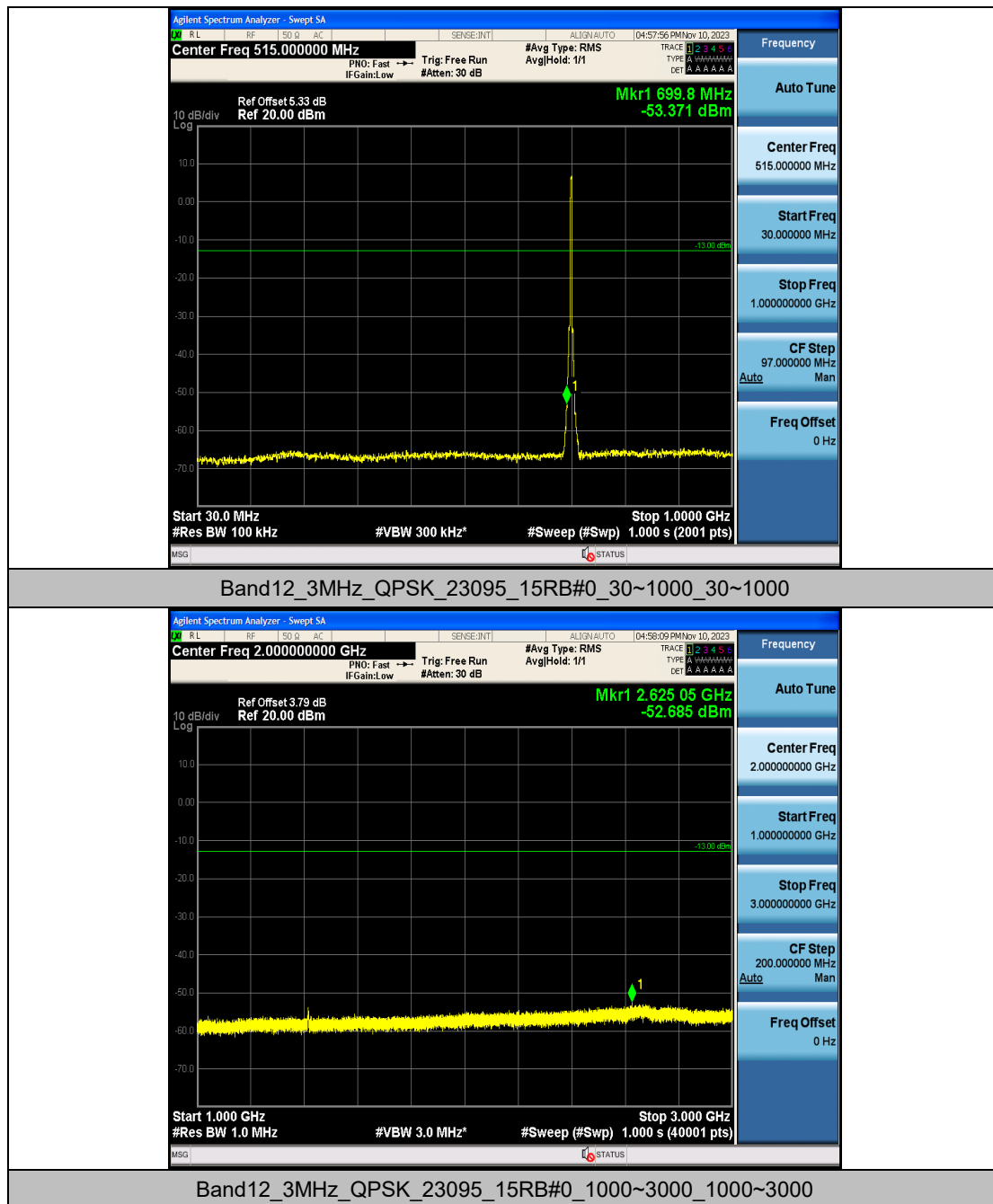


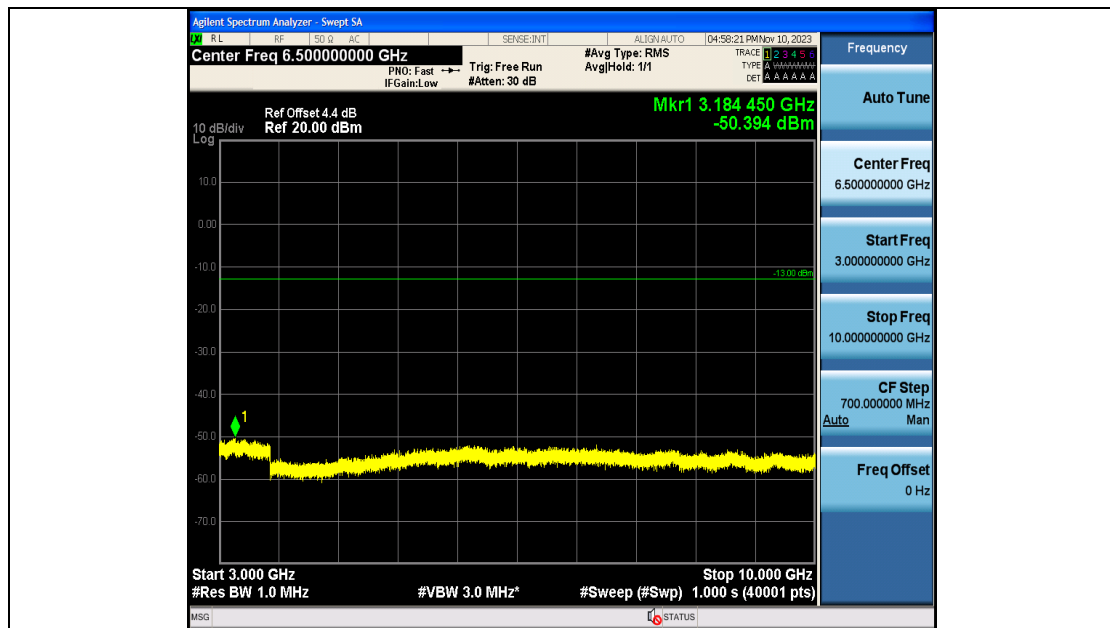




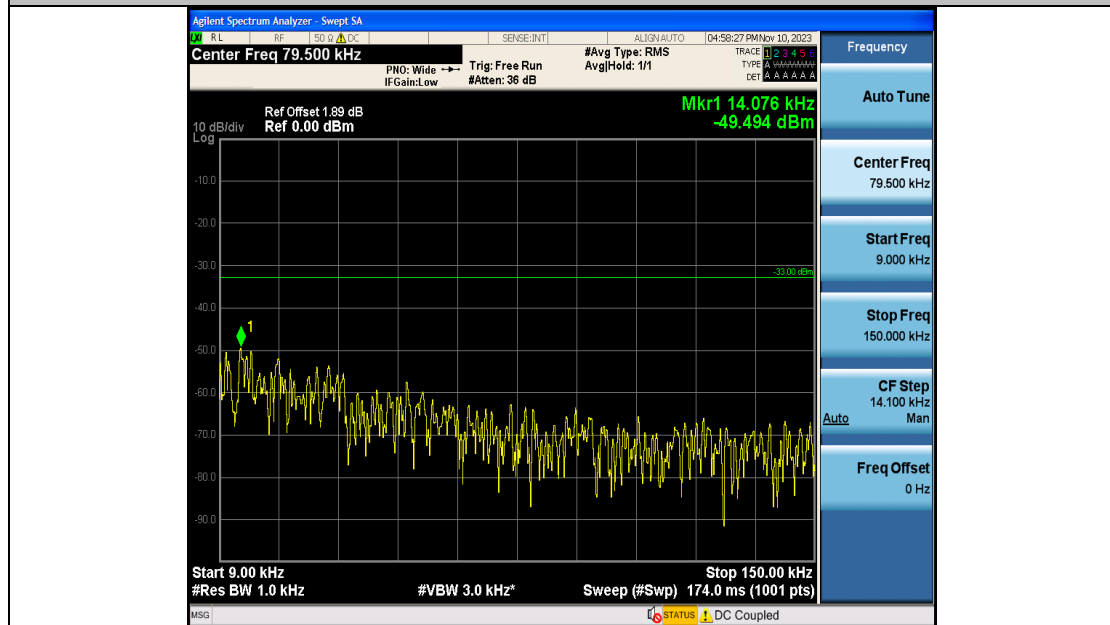








Band12_3MHz_QPSK_23095_15RB#0_3000~10000_3000~10000



Band12_3MHz_16QAM_23095_15RB#0_0.009~0.15_0.009~0.15

