

Appendix for Band 2

Product Name: Covert Wireless Trail Camera
Model No: WC20

Appendix A: Average Power Output Data for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Result(dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1	0	20.98	PASS
Band2	1.4MHz	QPSK	18607	1	5	20.45	PASS
Band2	1.4MHz	QPSK	18607	6	0	20.45	PASS
Band2	1.4MHz	QPSK	18900	1	0	20.39	PASS
Band2	1.4MHz	QPSK	18900	1	5	21.13	PASS
Band2	1.4MHz	QPSK	18900	6	0	21.42	PASS
Band2	1.4MHz	QPSK	19193	1	0	21.25	PASS
Band2	1.4MHz	QPSK	19193	1	5	21.25	PASS
Band2	1.4MHz	QPSK	19193	6	0	20.78	PASS
Band2	1.4MHz	16QAM	18607	1	0	20.92	PASS
Band2	1.4MHz	16QAM	18607	1	5	20.41	PASS
Band2	1.4MHz	16QAM	18607	6	0	20.76	PASS
Band2	1.4MHz	16QAM	18900	1	0	20.61	PASS
Band2	1.4MHz	16QAM	18900	1	5	20.58	PASS
Band2	1.4MHz	16QAM	18900	6	0	20.93	PASS
Band2	1.4MHz	16QAM	19193	1	0	20.87	PASS
Band2	1.4MHz	16QAM	19193	1	5	21.42	PASS
Band2	1.4MHz	16QAM	19193	6	0	21.65	PASS
Band2	3MHz	QPSK	18615	1	0	21.25	PASS
Band2	3MHz	QPSK	18615	1	5	21.47	PASS
Band2	3MHz	QPSK	18615	6	0	21.56	PASS
Band2	3MHz	QPSK	18900	1	0	21.74	PASS
Band2	3MHz	QPSK	18900	1	5	21.25	PASS
Band2	3MHz	QPSK	18900	6	0	21.36	PASS
Band2	3MHz	QPSK	19185	1	0	21.48	PASS
Band2	3MHz	QPSK	19185	1	5	21.71	PASS
Band2	3MHz	QPSK	19185	6	0	21.32	PASS
Band2	3MHz	16QAM	18615	1	0	21.21	PASS
Band2	3MHz	16QAM	18615	1	5	21.58	PASS
Band2	3MHz	16QAM	18615	6	0	21.65	PASS
Band2	3MHz	16QAM	18900	1	0	21.23	PASS
Band2	3MHz	16QAM	18900	1	5	21.23	PASS
Band2	3MHz	16QAM	18900	6	0	21.12	PASS
Band2	3MHz	16QAM	19185	1	0	21.26	PASS
Band2	3MHz	16QAM	19185	1	5	21.05	PASS
Band2	3MHz	16QAM	19185	6	0	21.35	PASS

Band2	5MHz	QPSK	18625	1	0	21.42	PASS
Band2	5MHz	QPSK	18625	1	5	21.25	PASS
Band2	5MHz	QPSK	18625	6	0	21.12	PASS
Band2	5MHz	QPSK	18900	1	0	21.41	PASS
Band2	5MHz	QPSK	18900	1	5	21.28	PASS
Band2	5MHz	QPSK	18900	6	0	21.61	PASS
Band2	5MHz	QPSK	19175	1	0	21.54	PASS
Band2	5MHz	QPSK	19175	1	5	21.32	PASS
Band2	5MHz	QPSK	19175	6	0	21.54	PASS
Band2	5MHz	16QAM	18625	1	0	21.24	PASS
Band2	5MHz	16QAM	18625	1	5	21.41	PASS
Band2	5MHz	16QAM	18625	6	0	21.23	PASS
Band2	5MHz	16QAM	18900	1	0	21.61	PASS
Band2	5MHz	16QAM	18900	1	5	20.71	PASS
Band2	5MHz	16QAM	18900	6	0	20.45	PASS
Band2	5MHz	16QAM	19175	1	0	20.64	PASS
Band2	5MHz	16QAM	19175	1	5	20.73	PASS
Band2	5MHz	16QAM	19175	6	0	20.61	PASS
Band2	10MHz	QPSK	18650	1	0	20.54	PASS
Band2	10MHz	QPSK	18650	1	5	20.60	PASS
Band2	10MHz	QPSK	18650	6	0	20.48	PASS
Band2	10MHz	QPSK	18900	1	0	20.69	PASS
Band2	10MHz	QPSK	18900	1	5	21.41	PASS
Band2	10MHz	QPSK	18900	6	0	21.21	PASS
Band2	10MHz	QPSK	19150	1	0	20.72	PASS
Band2	10MHz	QPSK	19150	1	5	20.53	PASS
Band2	10MHz	QPSK	19150	6	0	20.53	PASS
Band2	10MHz	16QAM	18650	1	0	20.69	PASS
Band2	10MHz	16QAM	18650	1	5	20.71	PASS
Band2	10MHz	16QAM	18650	6	0	20.69	PASS
Band2	10MHz	16QAM	18900	1	0	20.78	PASS
Band2	10MHz	16QAM	18900	1	5	20.55	PASS
Band2	10MHz	16QAM	18900	6	0	20.62	PASS
Band2	10MHz	16QAM	19150	1	0	20.58	PASS
Band2	10MHz	16QAM	19150	1	5	20.76	PASS
Band2	10MHz	16QAM	19150	6	0	20.64	PASS
Band2	15MHz	QPSK	18675	1	0	20.41	PASS
Band2	15MHz	QPSK	18675	1	5	20.86	PASS
Band2	15MHz	QPSK	18675	6	0	20.90	PASS
Band2	15MHz	QPSK	18900	1	0	20.87	PASS
Band2	15MHz	QPSK	18900	1	5	20.63	PASS
Band2	15MHz	QPSK	18900	6	0	20.68	PASS

Band2	15MHz	QPSK	19125	1	0	21.41	PASS
Band2	15MHz	QPSK	19125	1	5	21.06	PASS
Band2	15MHz	QPSK	19125	6	0	21.04	PASS
Band2	15MHz	16QAM	18675	1	0	21.12	PASS
Band2	15MHz	16QAM	18675	1	5	21.25	PASS
Band2	15MHz	16QAM	18675	6	0	21.29	PASS
Band2	15MHz	16QAM	18900	1	0	21.21	PASS
Band2	15MHz	16QAM	18900	1	5	21.13	PASS
Band2	15MHz	16QAM	18900	6	0	21.06	PASS
Band2	15MHz	16QAM	19125	1	0	21.07	PASS
Band2	15MHz	16QAM	19125	1	5	21.08	PASS
Band2	15MHz	16QAM	19125	6	0	21.31	PASS
Band2	20MHz	QPSK	18700	1	0	21.21	PASS
Band2	20MHz	QPSK	18700	1	5	21.13	PASS
Band2	20MHz	QPSK	18700	6	0	21.25	PASS
Band2	20MHz	QPSK	18900	1	0	20.64	PASS
Band2	20MHz	QPSK	18900	1	5	20.73	PASS
Band2	20MHz	QPSK	18900	6	0	20.64	PASS
Band2	20MHz	QPSK	19100	1	0	20.61	PASS
Band2	20MHz	QPSK	19100	1	5	20.57	PASS
Band2	20MHz	QPSK	19100	6	0	20.59	PASS
Band2	20MHz	16QAM	18700	1	0	21.78	PASS
Band2	20MHz	16QAM	18700	1	5	21.64	PASS
Band2	20MHz	16QAM	18700	6	0	21.41	PASS
Band2	20MHz	16QAM	18900	1	0	21.25	PASS
Band2	20MHz	16QAM	18900	1	5	21.36	PASS
Band2	20MHz	16QAM	18900	6	0	21.87	PASS
Band2	20MHz	16QAM	19100	1	0	21.74	PASS
Band2	20MHz	16QAM	19100	1	5	21.25	PASS
Band2	20MHz	16QAM	19100	6	0	21.36	PASS

Appendix B: Peak-to-Average Ratio(CCDF) for M1

Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band2	1.4MHz	18607	QPSK	6	0	Low	10.06	<=13	PASS
Band2	1.4MHz	18900	QPSK	6	0	Low	9.31	<=13	PASS
Band2	1.4MHz	19193	QPSK	6	0	Low	8.74	<=13	PASS
Band2	1.4MHz	18607	16QAM	6	0	Low	9.36	<=13	PASS
Band2	1.4MHz	18900	16QAM	6	0	Low	11.07	<=13	PASS
Band2	1.4MHz	19193	16QAM	6	0	Low	9.12	<=13	PASS
Band2	3MHz	18615	QPSK	6	0	Low	8.86	<=13	PASS
Band2	3MHz	18900	QPSK	6	0	Low	9.33	<=13	PASS
Band2	3MHz	19185	QPSK	6	0	Low	10.55	<=13	PASS
Band2	3MHz	18615	16QAM	6	0	Low	11.03	<=13	PASS
Band2	3MHz	18900	16QAM	6	0	Low	10.62	<=13	PASS
Band2	3MHz	19185	16QAM	6	0	Low	9.19	<=13	PASS
Band2	5MHz	18625	QPSK	6	0	Low	8.46	<=13	PASS
Band2	5MHz	18900	QPSK	6	0	Low	10.33	<=13	PASS
Band2	5MHz	19175	QPSK	6	0	Low	8.62	<=13	PASS
Band2	5MHz	18625	16QAM	6	0	Low	9.65	<=13	PASS
Band2	5MHz	18900	16QAM	6	0	Low	10.13	<=13	PASS
Band2	5MHz	19175	16QAM	6	0	Low	9.25	<=13	PASS
Band2	10MHz	18900	QPSK	6	0	Low	9.40	<=13	PASS
Band2	10MHz	19150	QPSK	6	0	Low	9.29	<=13	PASS
Band2	10MHz	18900	16QAM	6	0	Low	8.61	<=13	PASS
Band2	10MHz	19150	16QAM	6	0	Low	11.29	<=13	PASS
Band2	15MHz	18675	QPSK	6	0	Low	9.28	<=13	PASS
Band2	15MHz	18900	QPSK	6	0	Low	7.91	<=13	PASS
Band2	15MHz	19125	QPSK	6	0	Low	8.37	<=13	PASS
Band2	15MHz	18675	16QAM	6	0	Low	8.52	<=13	PASS
Band2	15MHz	18900	16QAM	6	0	Low	8.31	<=13	PASS
Band2	15MHz	19125	16QAM	6	0	Low	9.67	<=13	PASS
Band2	20MHz	18700	QPSK	6	0	Low	9.55	<=13	PASS
Band2	20MHz	18900	QPSK	6	0	Low	10.04	<=13	PASS
Band2	20MHz	19100	QPSK	6	0	Low	10.33	<=13	PASS
Band2	20MHz	18700	16QAM	6	0	Low	7.91	<=13	PASS
Band2	20MHz	18900	16QAM	6	0	Low	8.07	<=13	PASS
Band2	20MHz	19100	16QAM	6	0	Low	10.02	<=13	PASS

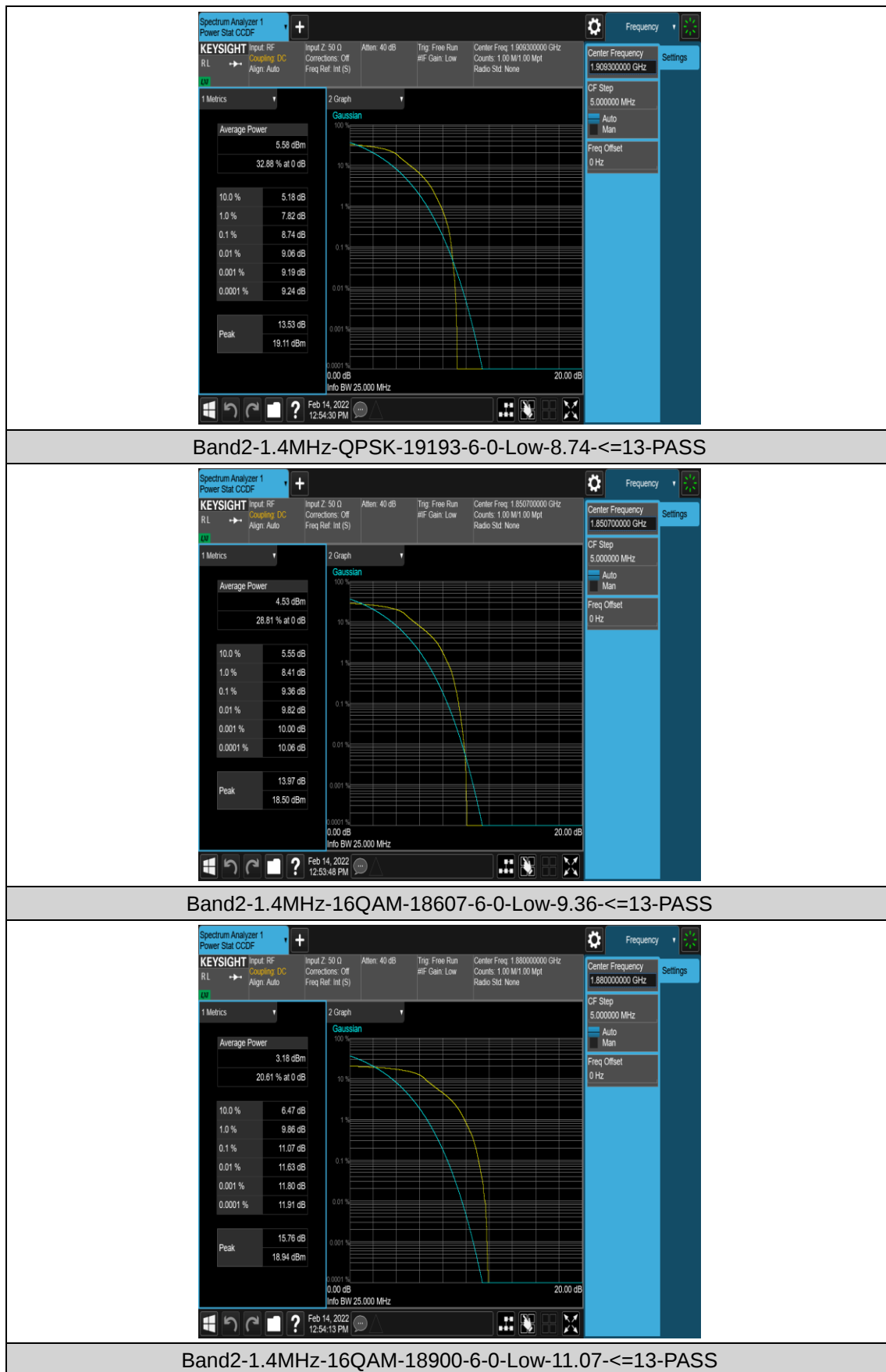
Test Graphs

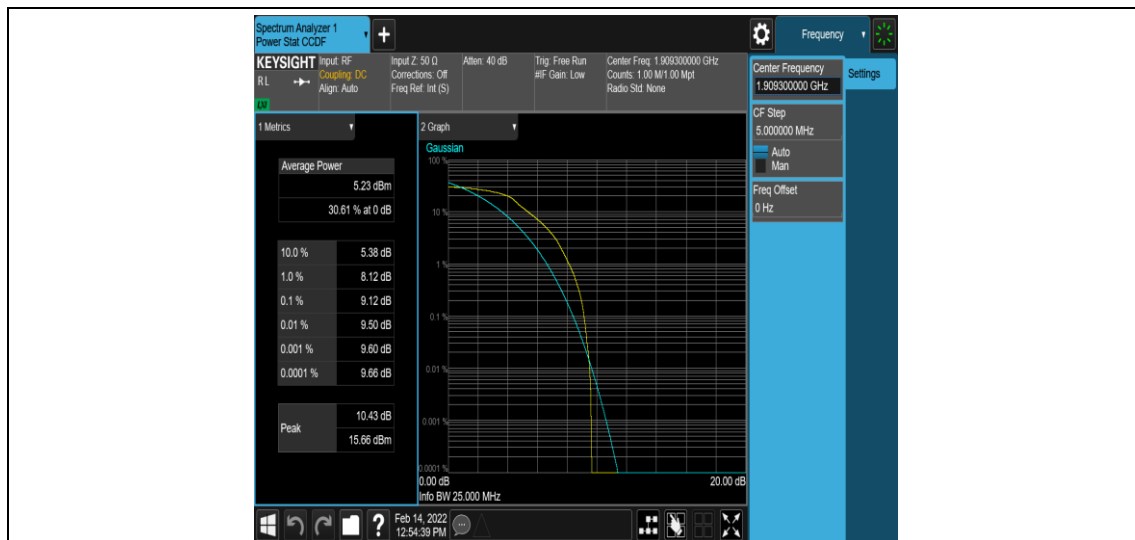


Band2-1.4MHz-QPSK-18607-6-0-Low-10.06-≤13-PASS

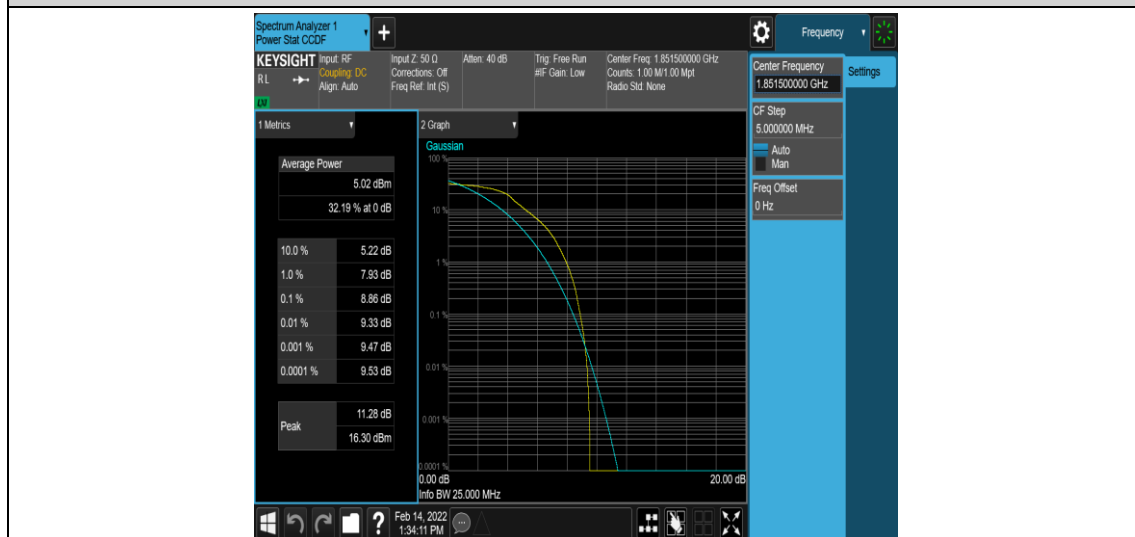


Band2-1.4MHz-QPSK-18900-6-0-Low-9.31-≤13-PASS





Band2-1.4MHz-16QAM-19193-6-0-Low-9.12-<=13-PASS



Band2-3MHz-QPSK-18615-6-0-Low-8.86-<=13-PASS



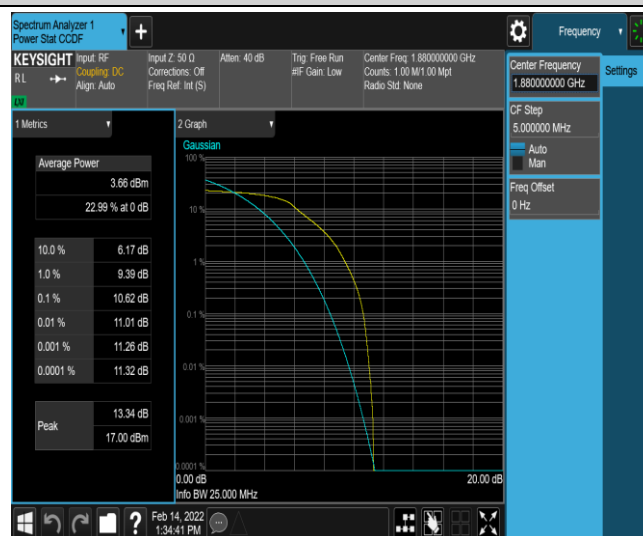
Band2-3MHz-QPSK-18900-6-0-Low-9.33-<=13-PASS



Band2-3MHz-QPSK-19185-6-0-Low-10.55-<=13-PASS



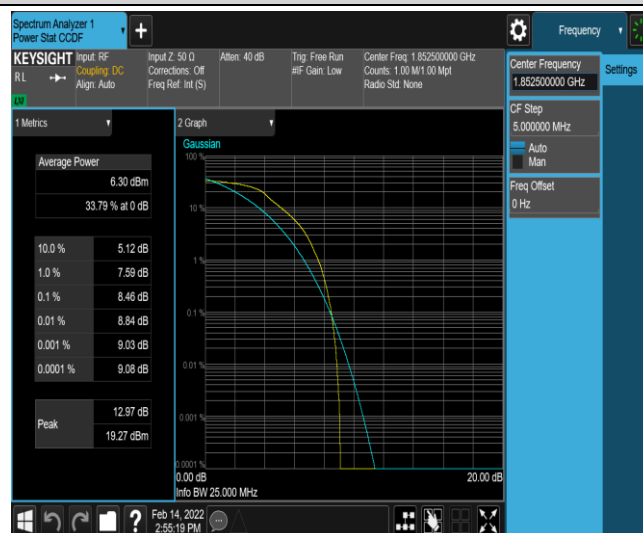
Band2-3MHz-16QAM-18615-6-0-Low-11.03-<=13-PASS



Band2-3MHz-16QAM-18900-6-0-Low-10.62-<=13-PASS



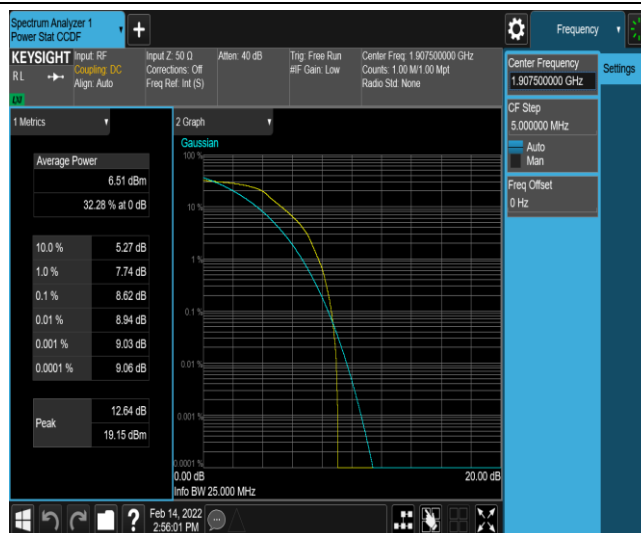
Band2-3MHz-16QAM-19185-6-0-Low-9.19-<=13-PASS



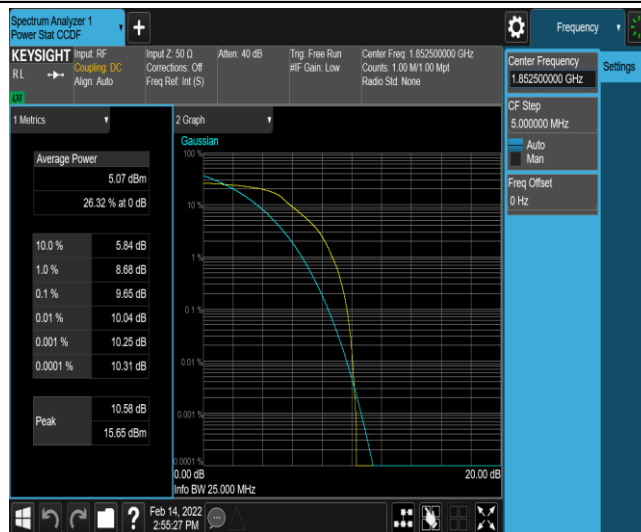
Band2-5MHz-OPSK-18625-6-0-Low-8.46-<=13-PASS



Band2-5MHz-QPSK-18900-6-0-Low-10.33-<=13-PASS



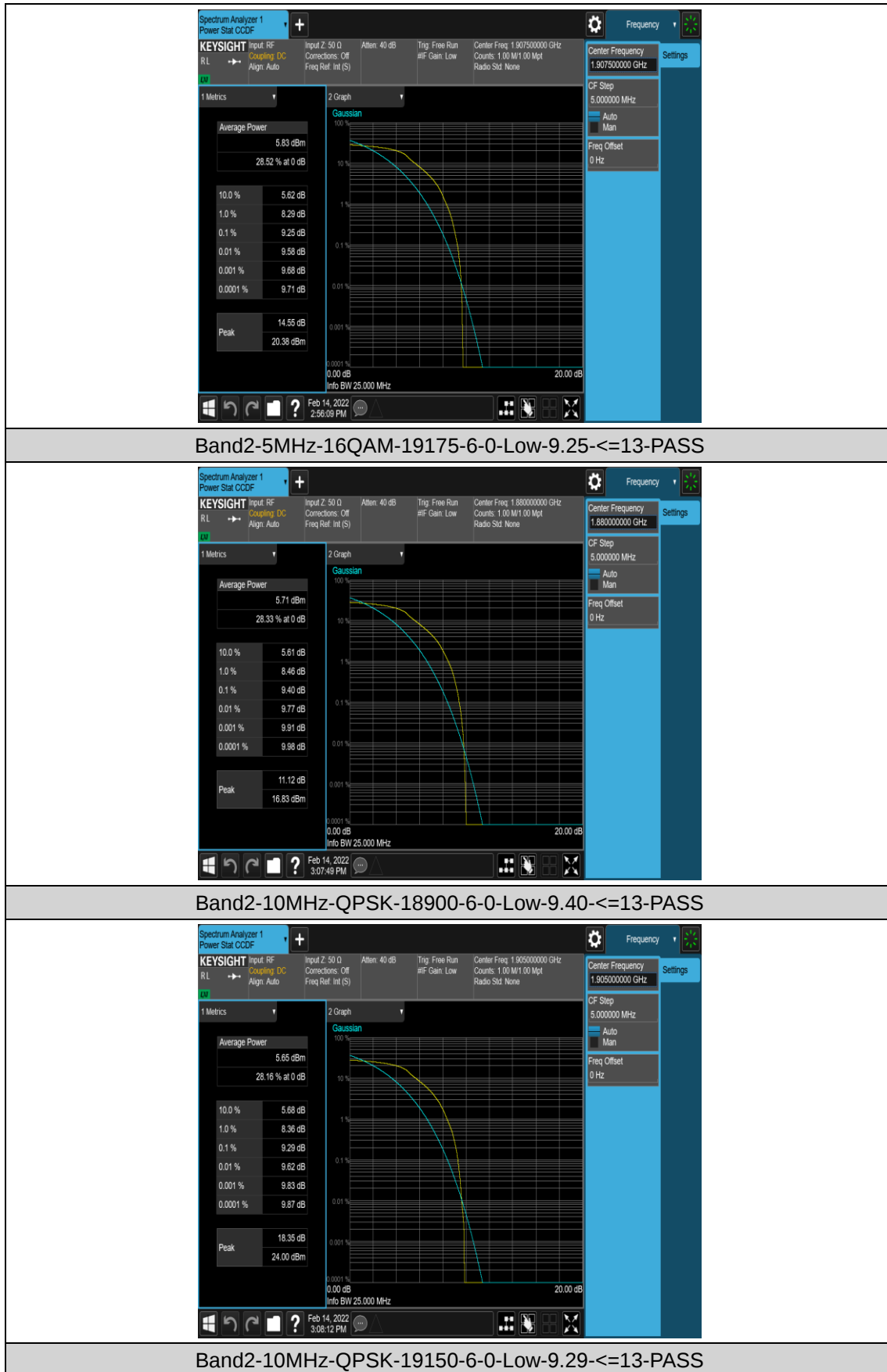
Band2-5MHz-QPSK-19175-6-0-Low-8.62-<=13-PASS

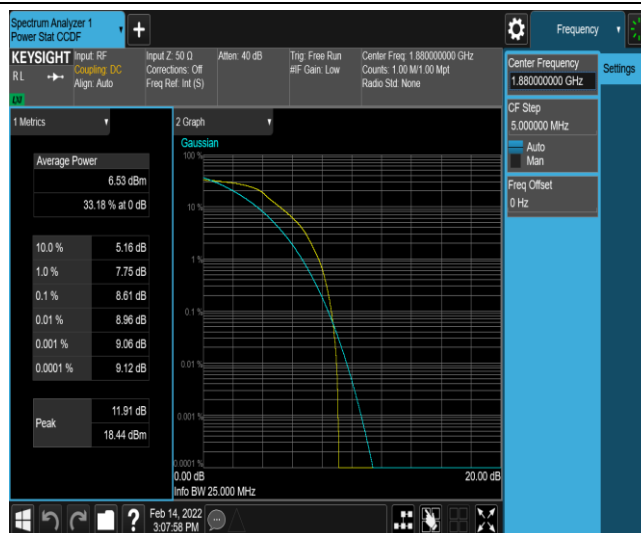


Band2-5MHz-16QAM-18625-6-0-Low-9.65-<=13-PASS



Band2-5MHz-16QAM-18900-6-0-Low-10.13-<=13-PASS

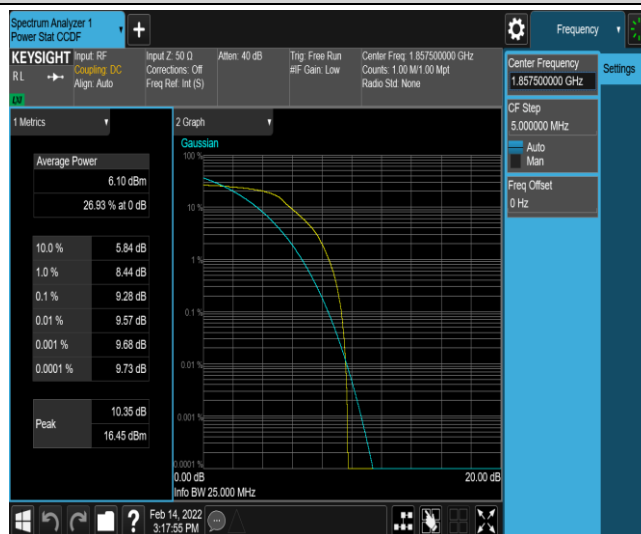




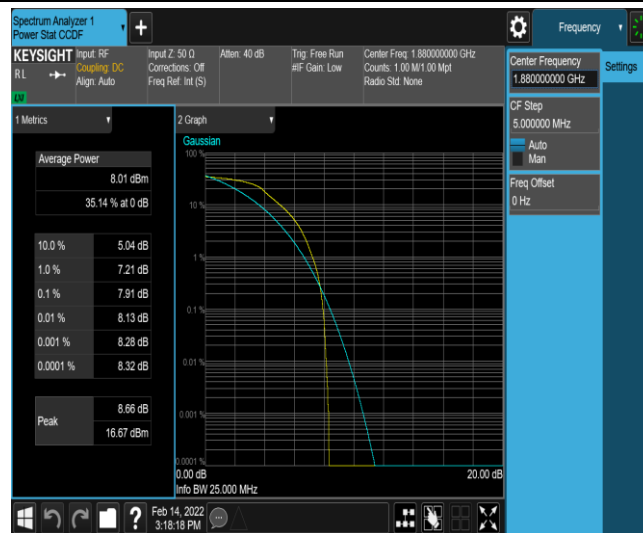
Band2-10MHz-16QAM-18900-6-0-Low-8.61-<=13-PASS



Band2-10MHz-16QAM-19150-6-0-Low-11.29-<=13-PASS



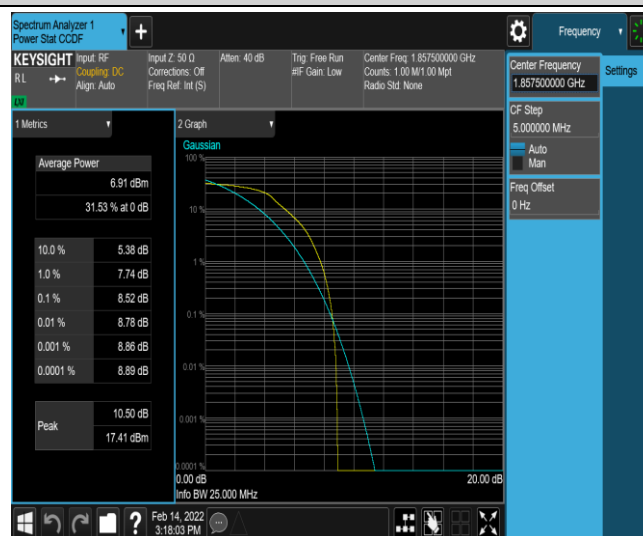
Band2-15MHz-QPSK-18675-6-0-Low-9.28-<=13-PASS



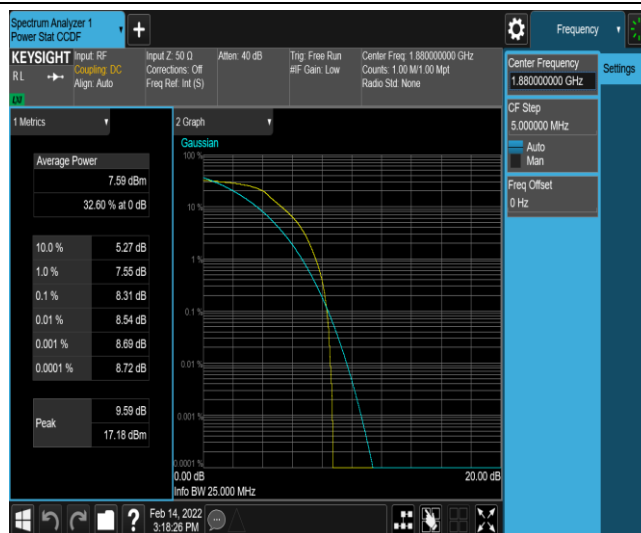
Band2-15MHz-QPSK-18900-6-0-Low-7.91-<=13-PASS



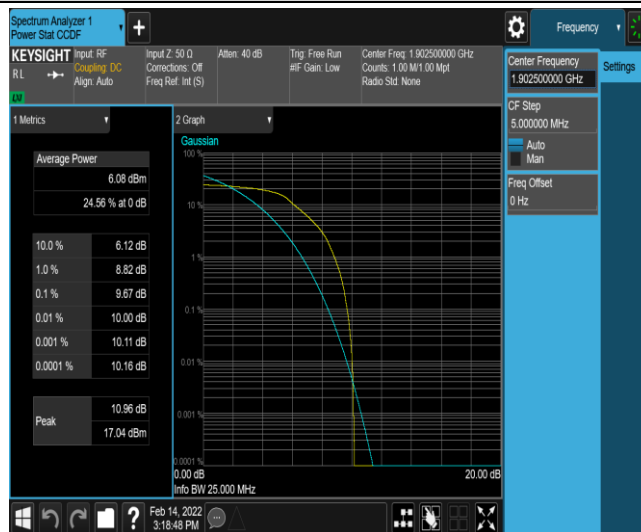
Band2-15MHz-QPSK-19125-6-0-Low-8.37-<=13-PASS



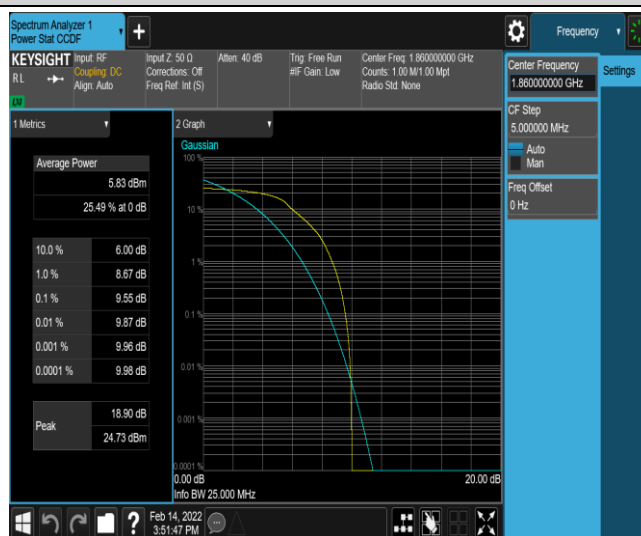
Band2-15MHz-16QAM-18675-6-0-Low-8.52-<=13-PASS



Band2-15MHz-16QAM-18900-6-0-Low-8.31-<=13-PASS



Band2-15MHz-16QAM-19125-6-0-Low-9.67-<=13-PASS



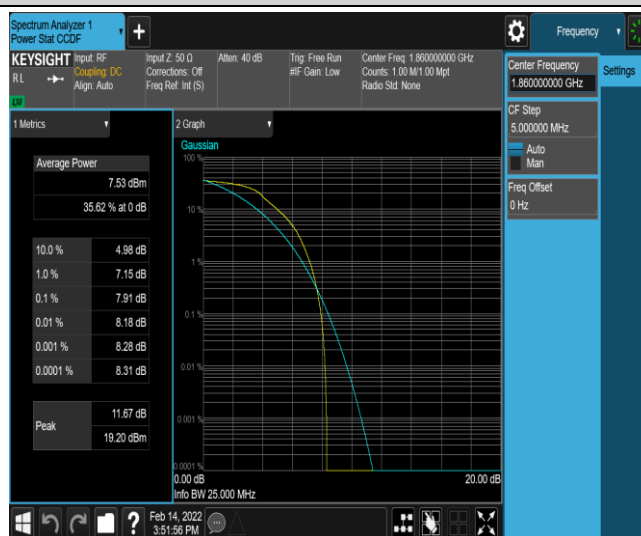
Band2-20MHz-QPSK-18700-6-0-Low-9.55-<=13-PASS



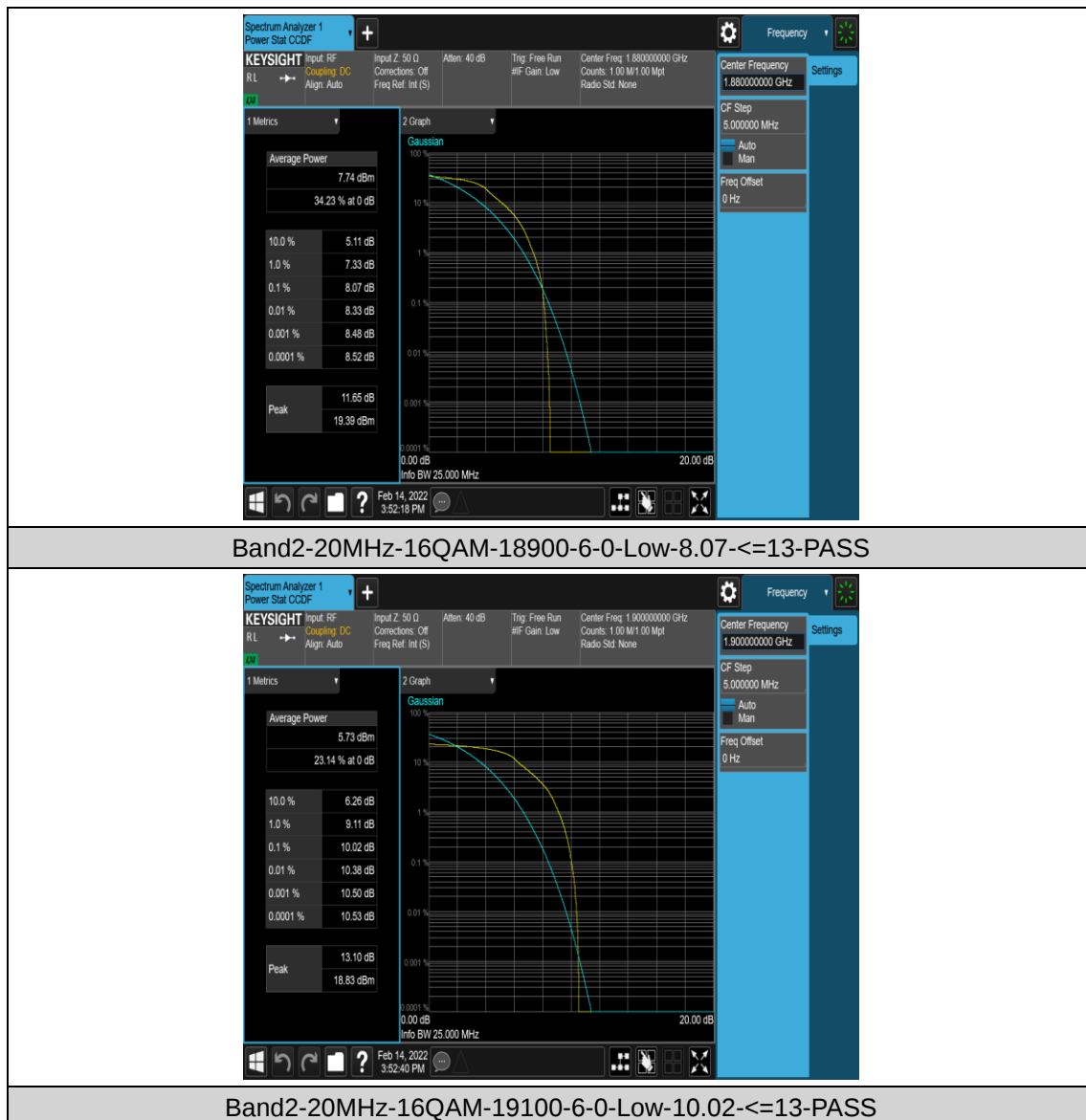
Band2-20MHz-QPSK-18900-6-0-Low-10.04-<=13-PASS



Band2-20MHz-QPSK-19100-6-0-Low-10.33-<=13-PASS



Band2-20MHz-16QAM-18700-6-0-Low-7.91-<=13-PASS



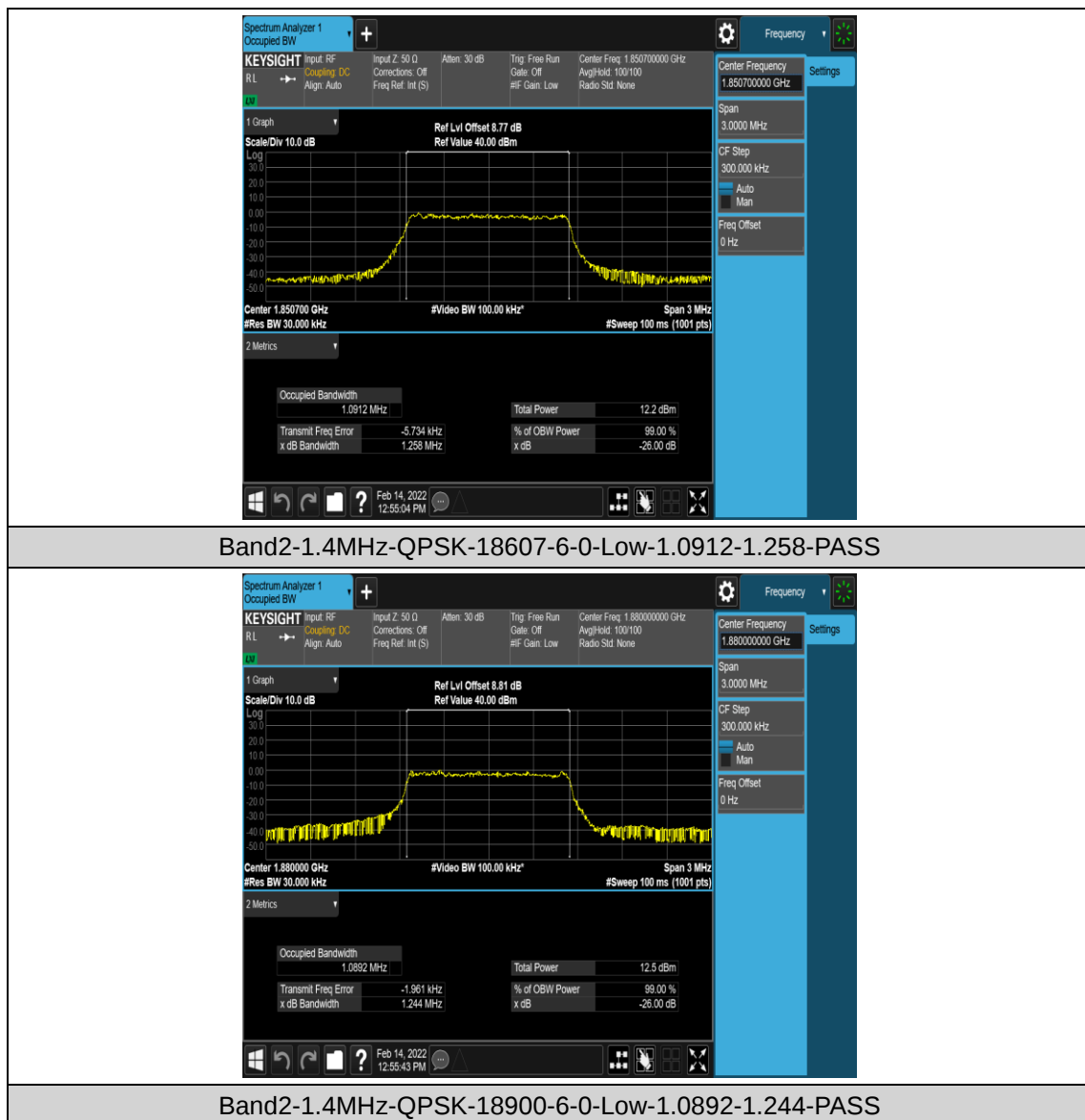
Appendix C: 26dB Bandwidth and Occupied Bandwidth for M1

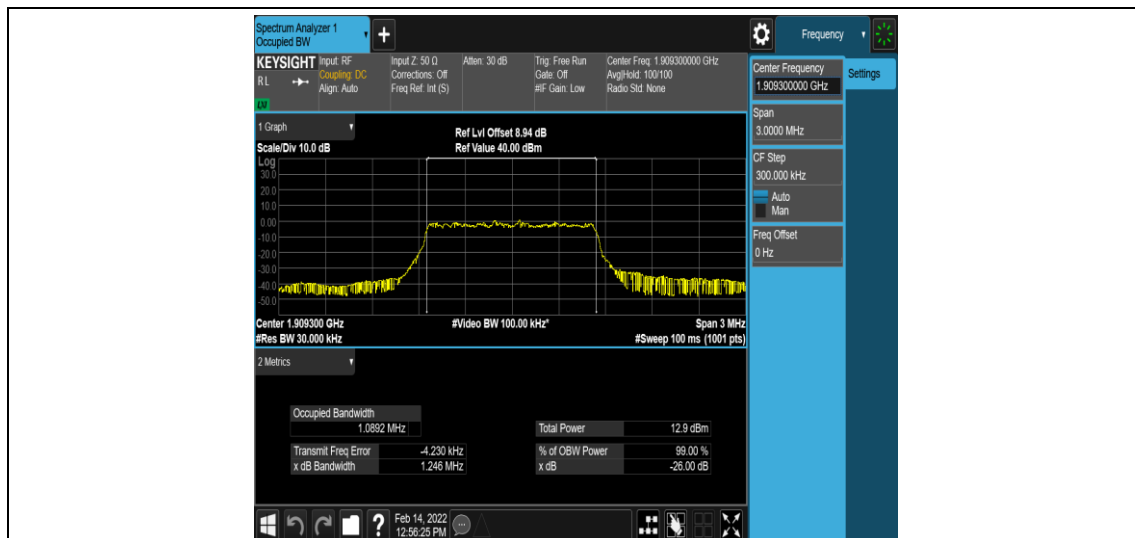
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	18607	QPSK	6	0	1.0912	1.258	PASS
Band2	1.4MHz	18900	QPSK	6	0	1.0892	1.244	PASS
Band2	1.4MHz	19193	QPSK	6	0	1.0892	1.246	PASS
Band2	1.4MHz	18607	16QAM	6	0	1.0879	1.261	PASS
Band2	1.4MHz	18900	16QAM	6	0	1.0874	1.255	PASS
Band2	1.4MHz	19193	16QAM	6	0	1.0896	1.250	PASS
Band2	3MHz	18615	QPSK	6	0	1.1069	1.282	PASS
Band2	3MHz	18900	QPSK	6	0	1.1077	1.292	PASS
Band2	3MHz	19185	QPSK	6	0	1.1180	1.282	PASS
Band2	3MHz	18615	16QAM	6	0	1.1044	1.269	PASS
Band2	3MHz	18900	16QAM	6	0	1.1068	1.286	PASS
Band2	3MHz	19185	16QAM	6	0	1.1189	1.278	PASS
Band2	5MHz	18625	QPSK	6	0	1.1653	1.352	PASS
Band2	5MHz	18900	QPSK	6	0	1.1647	1.351	PASS
Band2	5MHz	19175	QPSK	6	0	1.1724	1.358	PASS
Band2	5MHz	18625	16QAM	6	0	1.1610	1.365	PASS
Band2	5MHz	18900	16QAM	6	0	1.1629	1.355	PASS
Band2	5MHz	19175	16QAM	6	0	1.1683	1.352	PASS
Band2	10MHz	18650	QPSK	6	0	1.1575	1.355	PASS
Band2	10MHz	18900	QPSK	6	0	1.1694	1.363	PASS
Band2	10MHz	19150	QPSK	6	0	1.1643	1.355	PASS
Band2	10MHz	18650	16QAM	6	0	1.1608	1.361	PASS
Band2	10MHz	18900	16QAM	6	0	1.1653	1.347	PASS
Band2	10MHz	19150	16QAM	6	0	1.1640	1.351	PASS
Band2	15MHz	18675	QPSK	6	0	1.4541	1.802	PASS
Band2	15MHz	18900	QPSK	6	0	1.4529	1.802	PASS
Band2	15MHz	19125	QPSK	6	0	1.4459	1.805	PASS
Band2	15MHz	18675	16QAM	6	0	1.4555	1.811	PASS
Band2	15MHz	18900	16QAM	6	0	1.4514	1.808	PASS
Band2	15MHz	19125	16QAM	6	0	1.4510	1.806	PASS
Band2	20MHz	18700	QPSK	6	0	1.7941	2.311	PASS
Band2	20MHz	18900	QPSK	6	0	1.8001	2.307	PASS
Band2	20MHz	19100	QPSK	6	0	1.7852	2.306	PASS

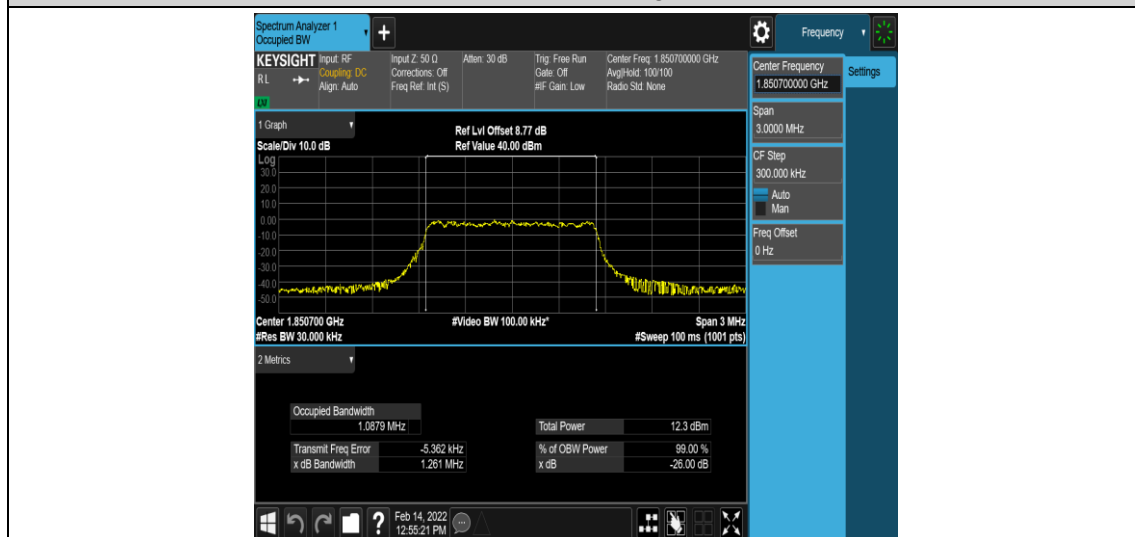
Band2	20MHz	18700	16QAM	6	0	1.7856	2.310	PASS
Band2	20MHz	18900	16QAM	6	0	1.7927	2.304	PASS
Band2	20MHz	19100	16QAM	6	0	1.7822	2.296	PASS

Test Graphs

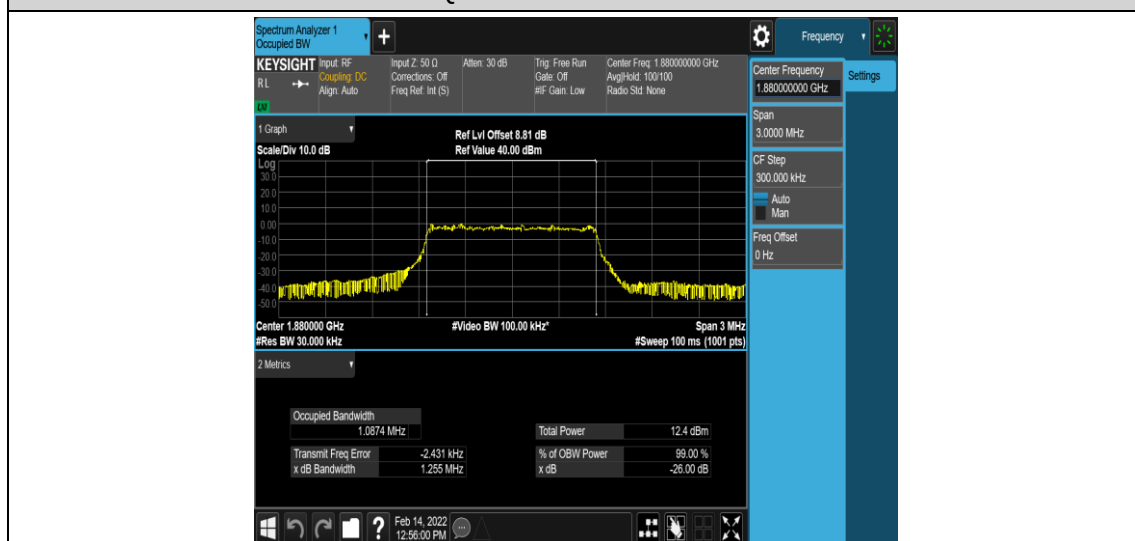




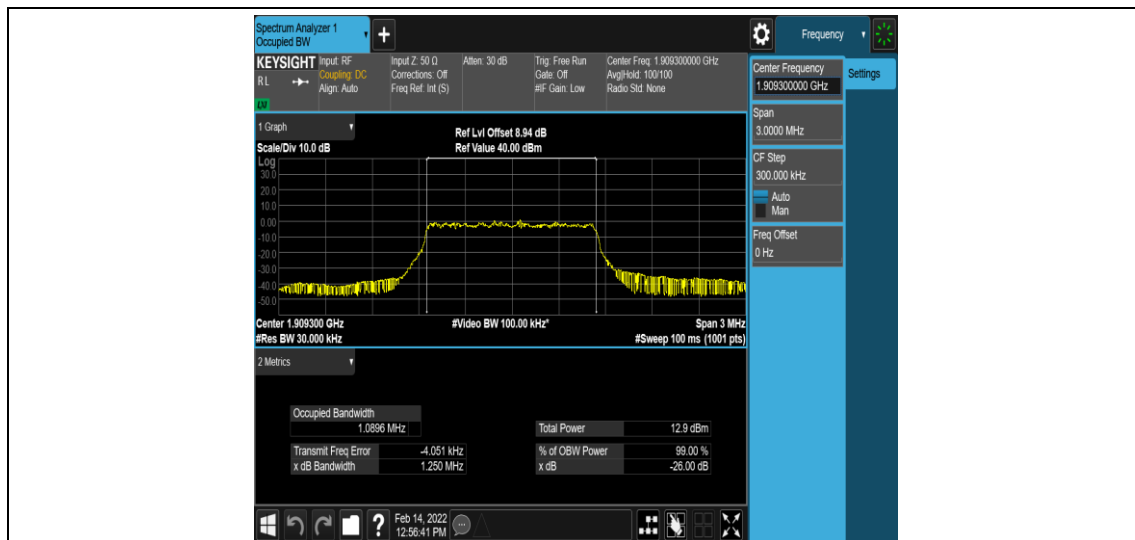
Band2-1.4MHz-QPSK-19193-6-0-High-1.0892-1.246-PASS



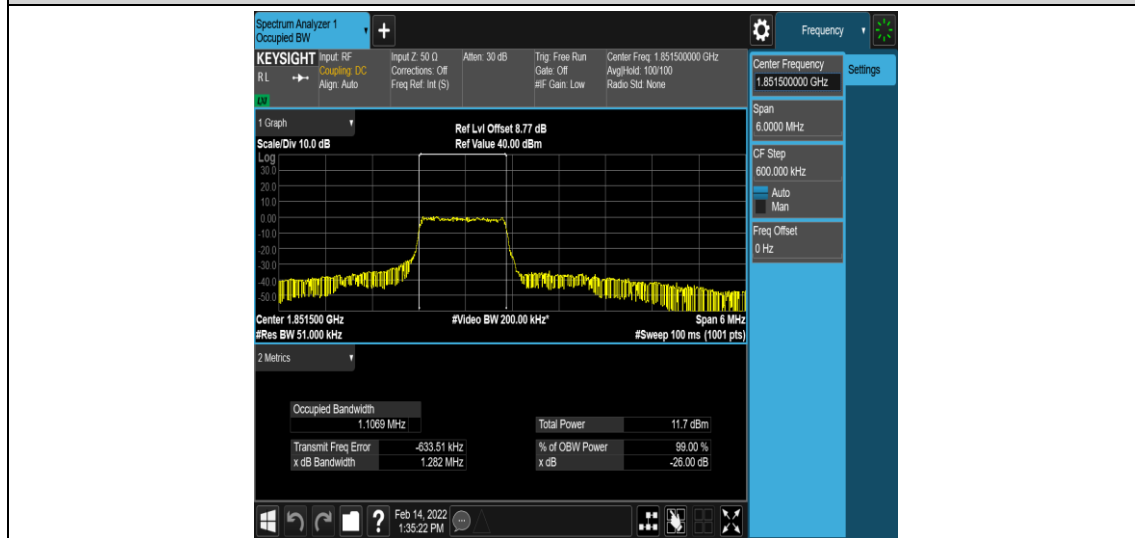
Band2-1.4MHz-16QAM-18607-6-0-Low-1.0879-1.261-PASS



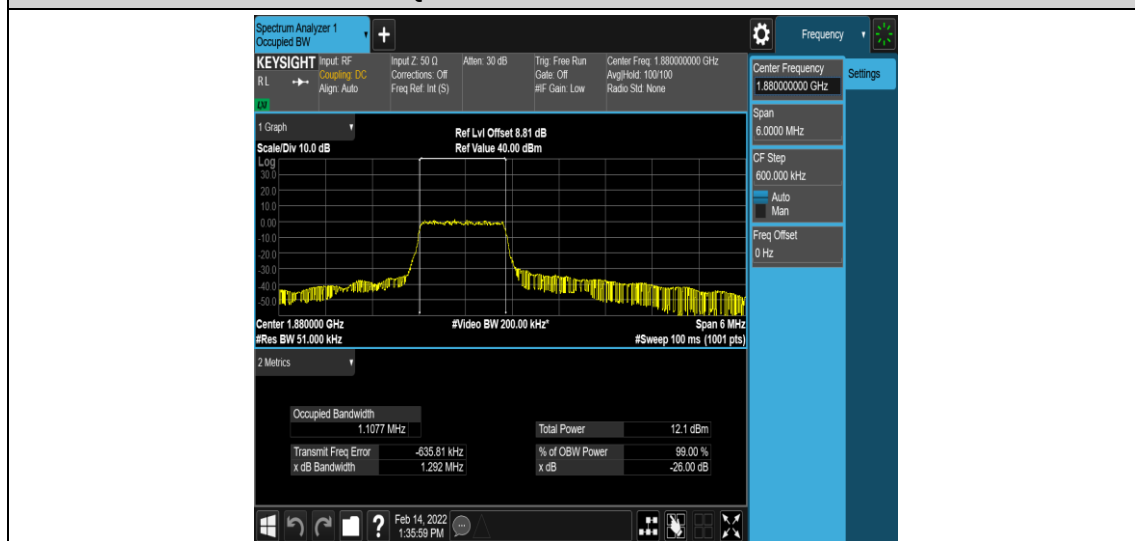
Band2-1.4MHz-16QAM-18900-6-0-Low-1.0874-1.255-PASS



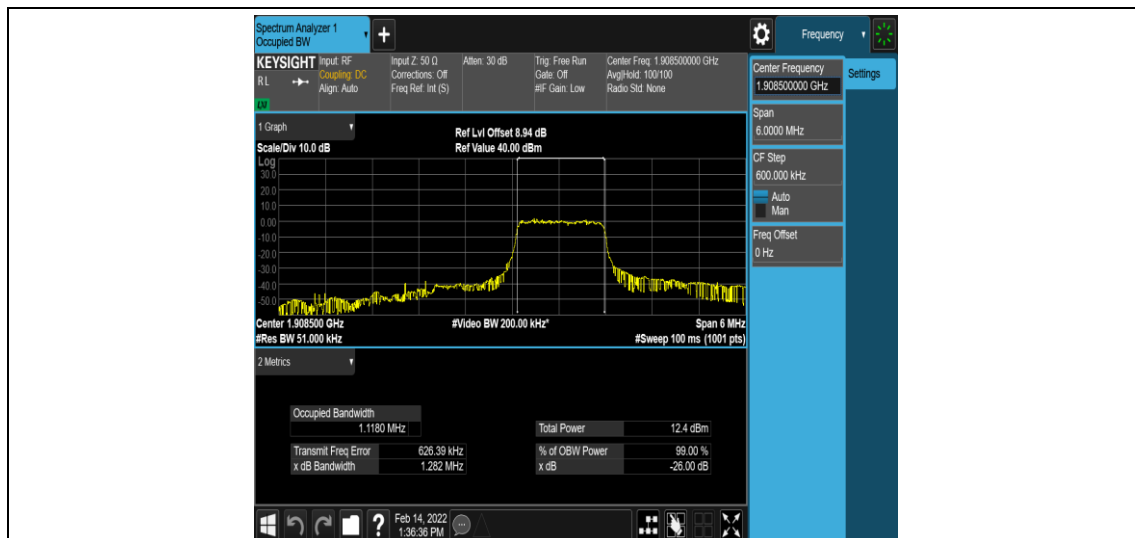
Band2-1.4MHz-16QAM-19193-6-0-High-1.0896-1.250-PASS



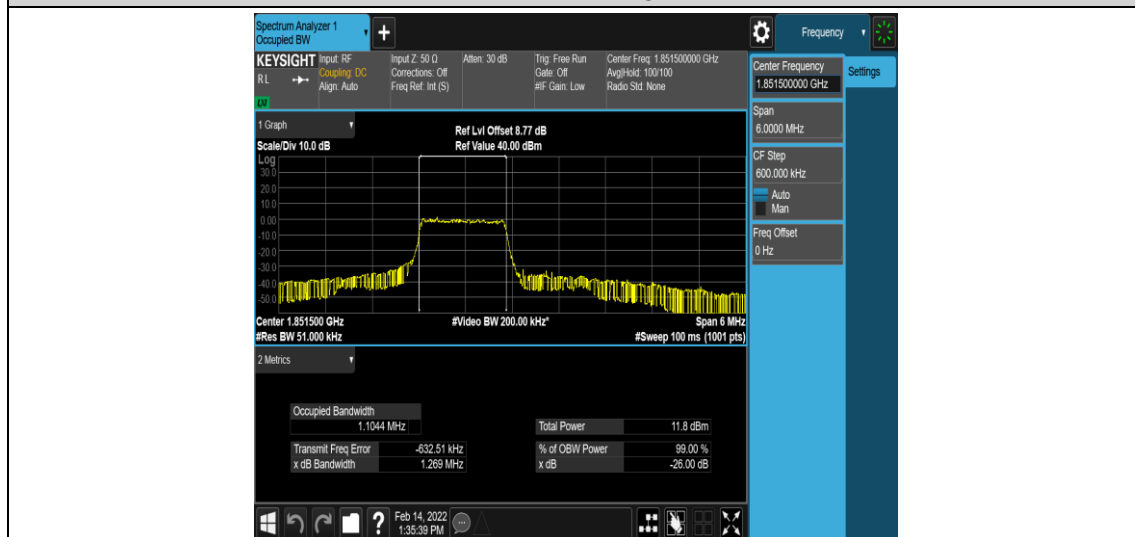
Band2-3MHz-QPSK-18615-6-0-Low-1.1069-1.282-PASS



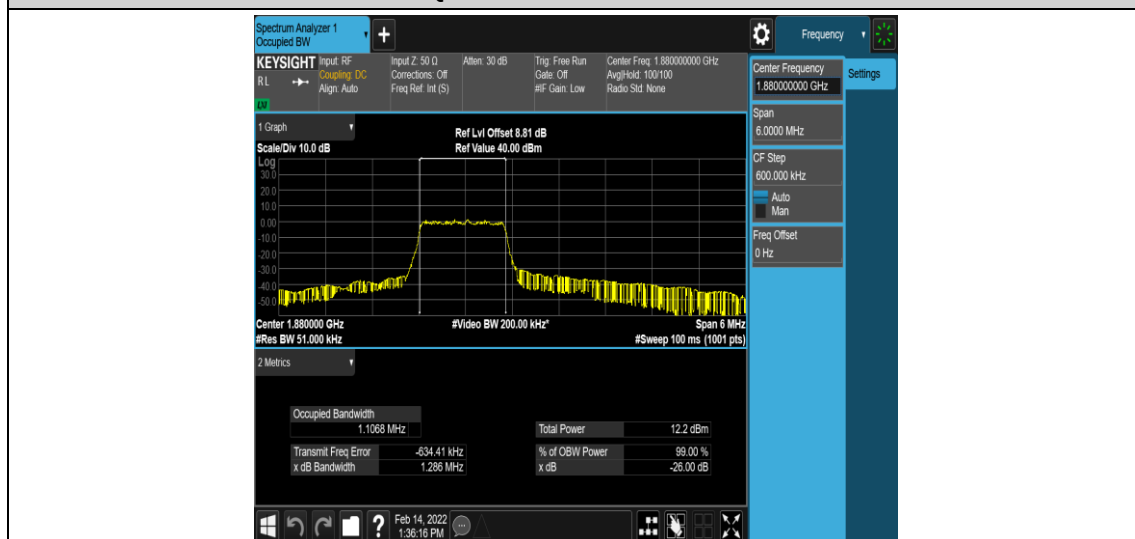
Band2-3MHz-QPSK-18900-6-0-Low-1.1077-1.292-PASS



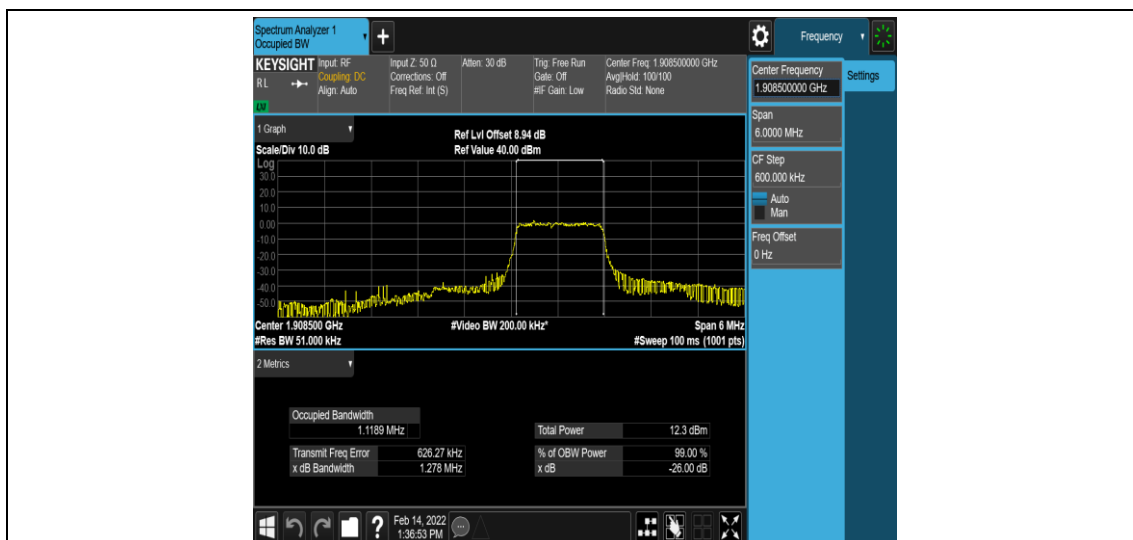
Band2-3MHz-QPSK-19185-6-0-High-1.1180-1.282-PASS



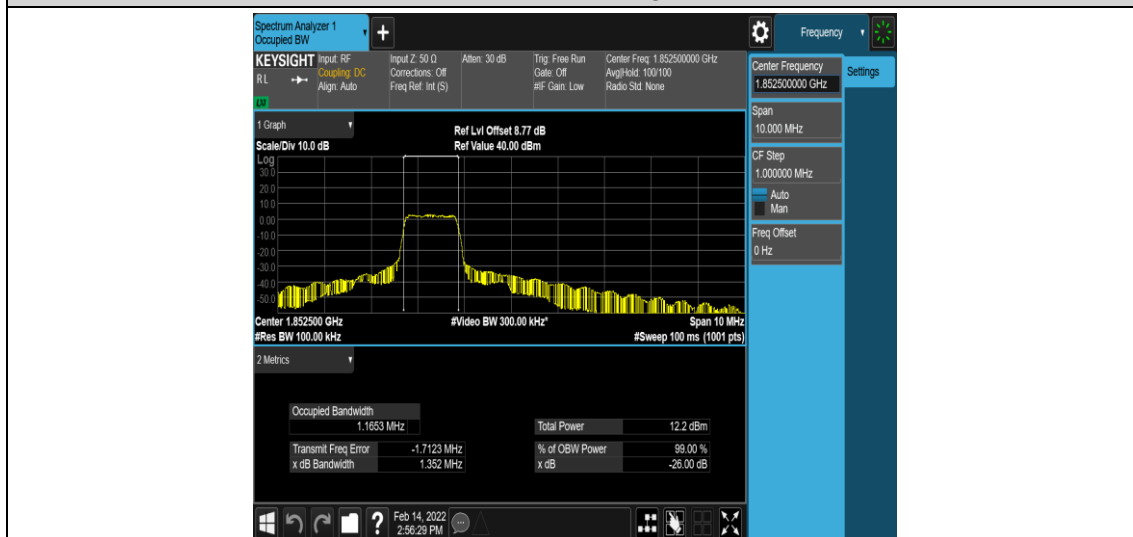
Band2-3MHz-16QAM-18615-6-0-Low-1.1044-1.269-PASS



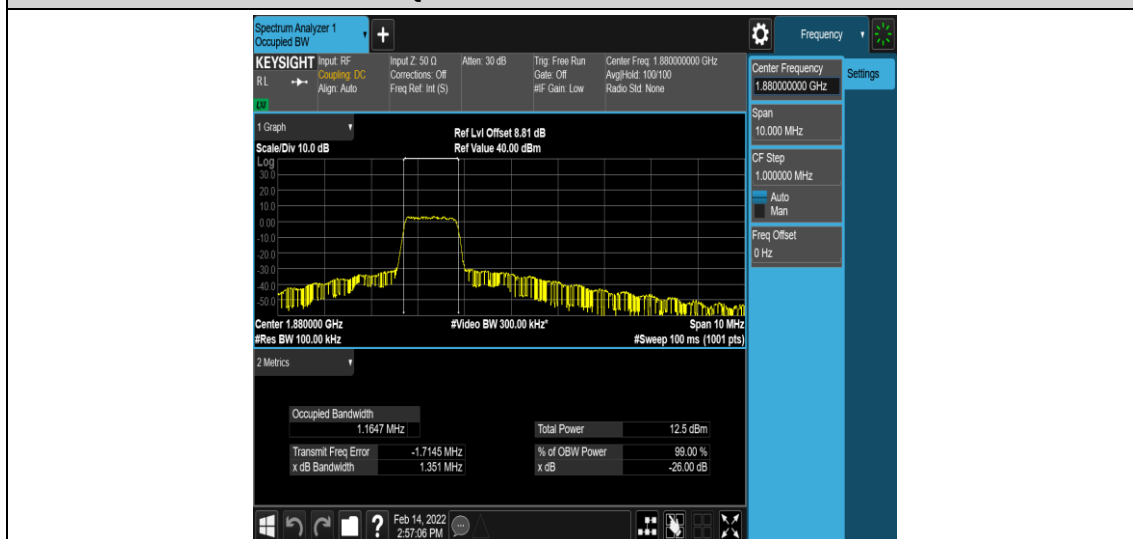
Band2-3MHz-16QAM-18900-6-0-Low-1.1068-1.286-PASS



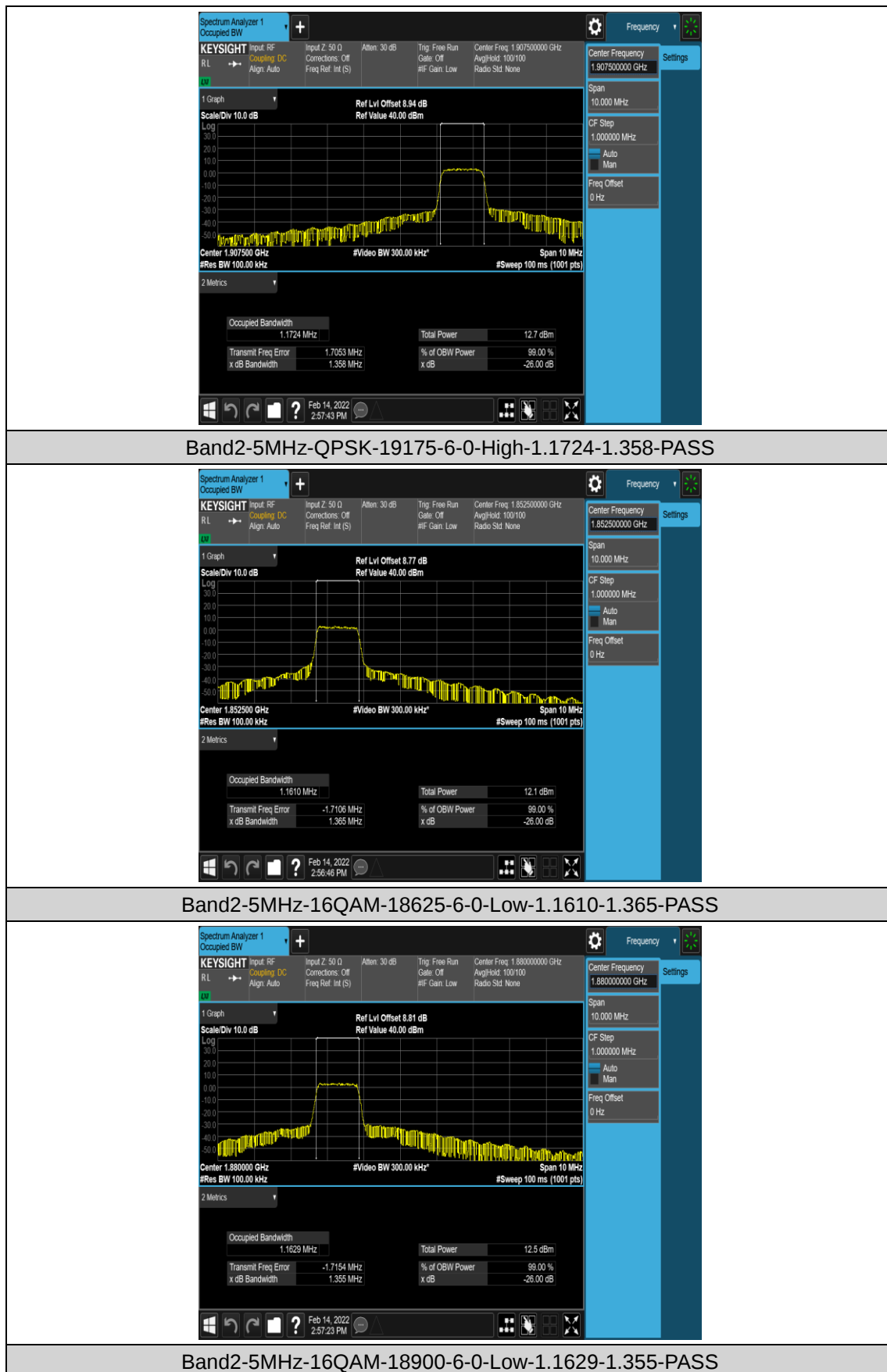
Band2-3MHz-16QAM-19185-6-0-High-1.1189-1.278-PASS

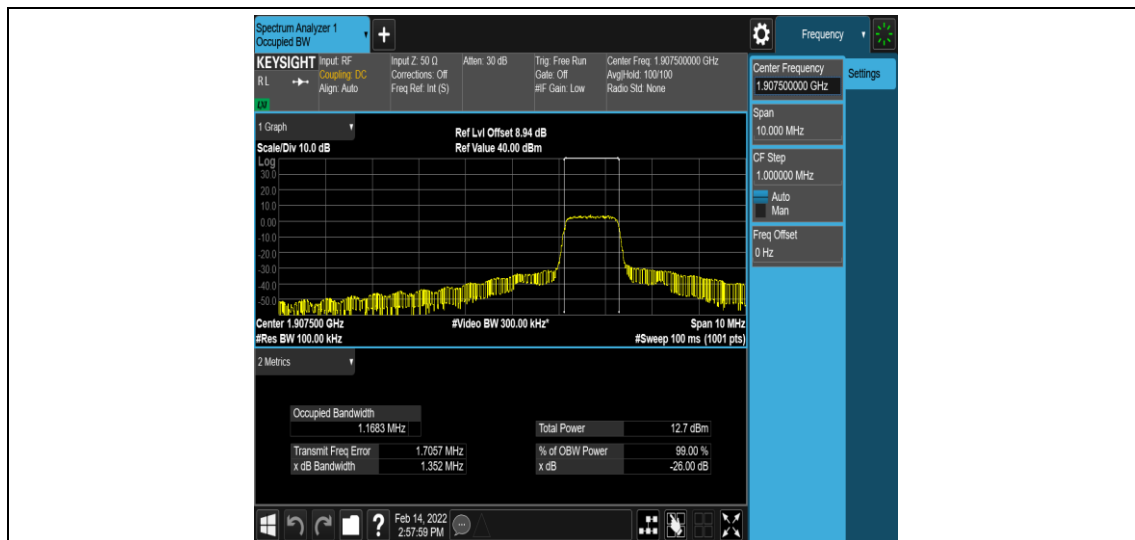


Band2-5MHz-QPSK-18625-6-0-Low-1.1653-1.352-PASS

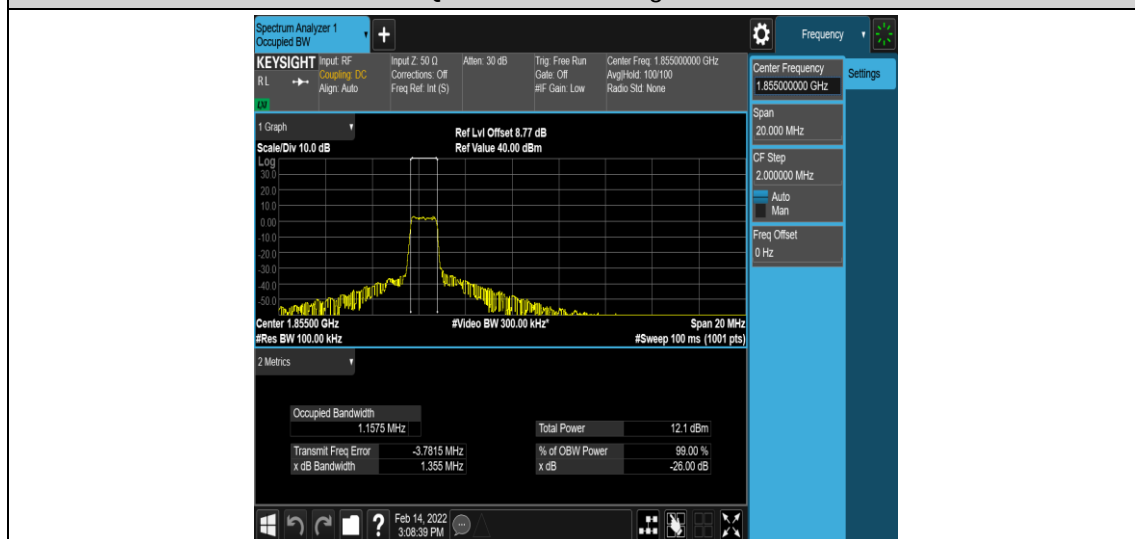


Band2-5MHz-QPSK-18900-6-0-Low-1.1647-1.351-PASS

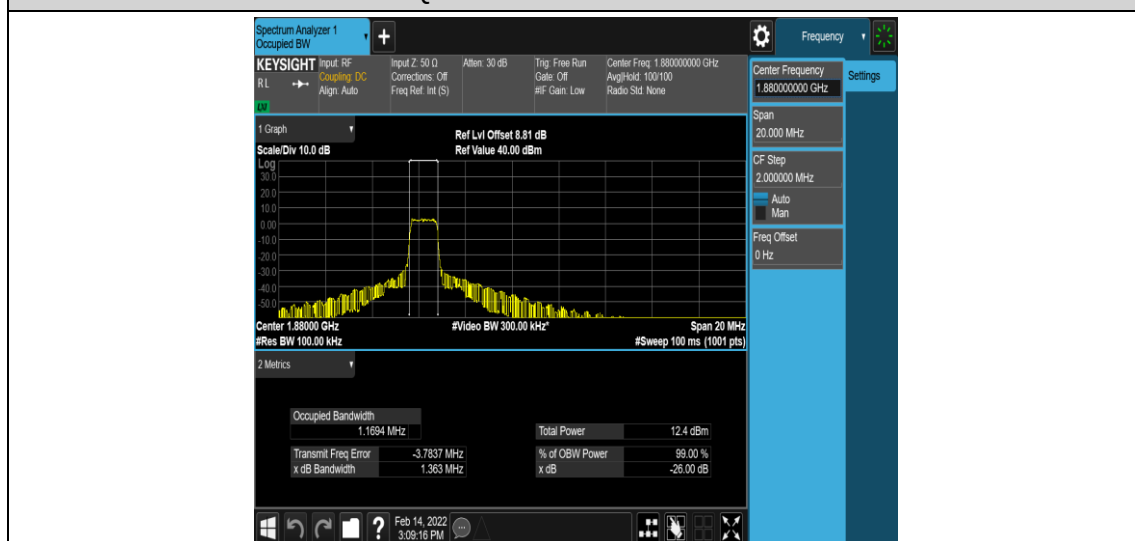




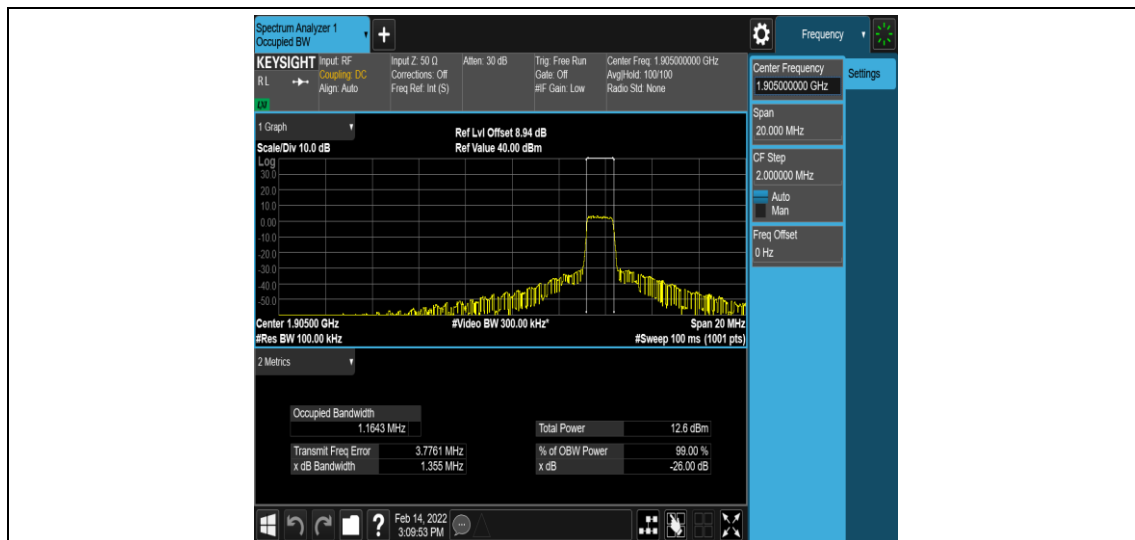
Band2-5MHz-16QAM-19175-6-0-High-1.1683-1.352-PASS



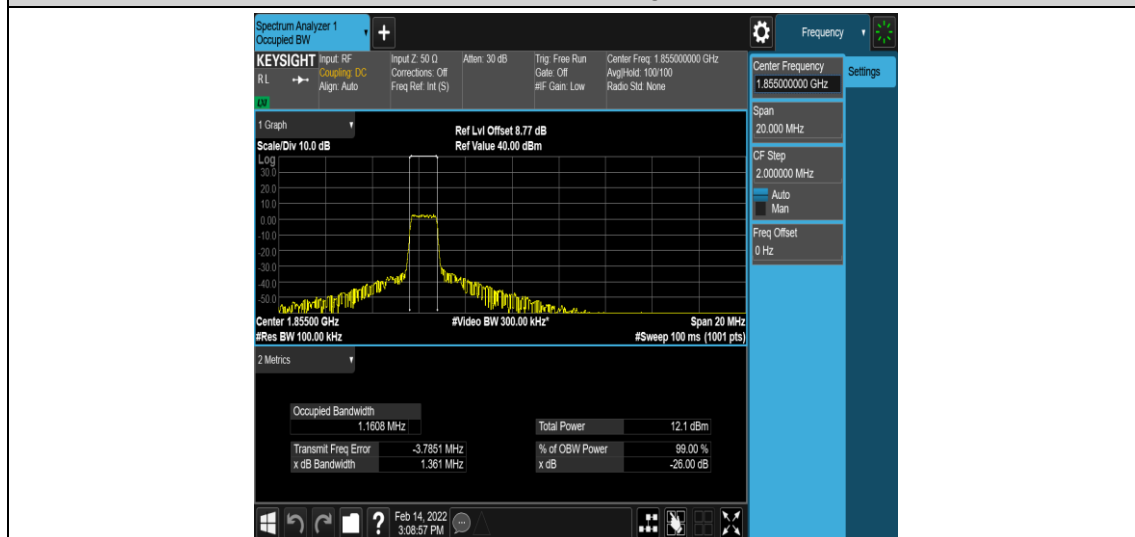
Band2-10MHz-QPSK-18650-6-0-Low-1.1575-1.355-PASS



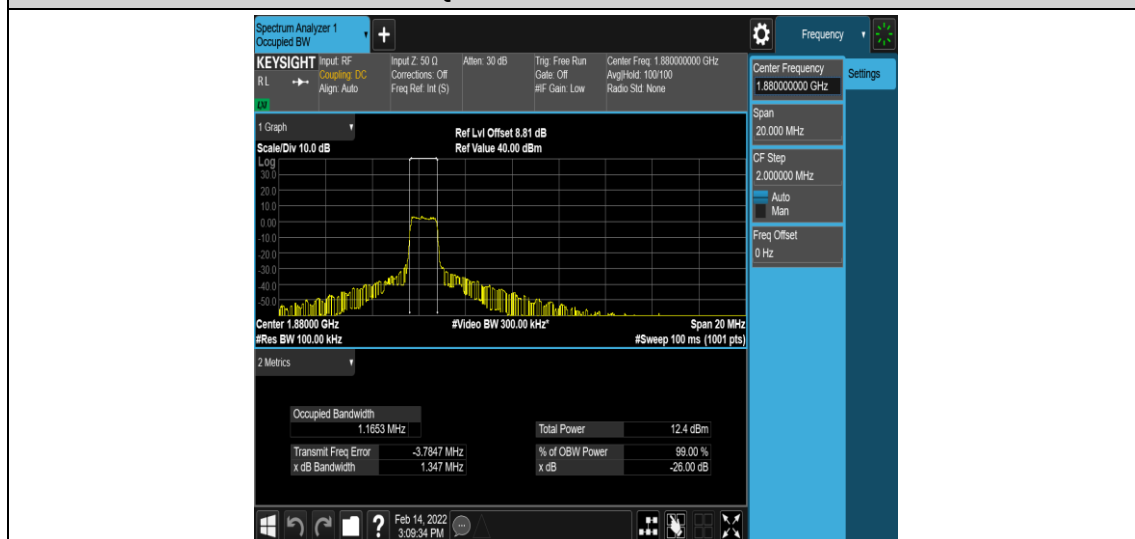
Band2-10MHz-QPSK-18900-6-0-Low-1.1694-1.363-PASS



Band2-10MHz-QPSK-19150-6-0-High-1.1643-1.355-PASS



Band2-10MHz-16QAM-18650-6-0-Low-1.1608-1.361-PASS



Band2-10MHz-16QAM-18900-6-0-Low-1.1653-1.347-PASS