Appendix A Test Data for E-UTRA Band 2

Product Name: Body weight scale
Test Model: U30A

Environmental Conditions

Temperature:	23.7° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan

A.1 Effective (Isotropic) Radiated Power Output Data for M1

Test Result

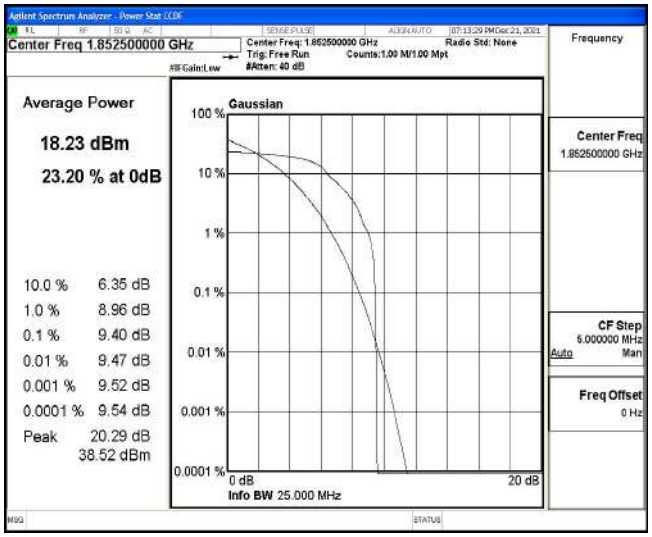
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dBm)	Verdict
Band2	5MHz	18625	QPSK	1	0	Low	20.53	PASS
Band2	5MHz	18625	QPSK	1	5	Low	20.52	PASS
Band2	5MHz	18625	QPSK	6	0	Low	22.62	PASS
Band2	5MHz	18900	QPSK	1	0	Low	22.21	PASS
Band2	5MHz	18900	QPSK	1	5	Low	22.62	PASS
Band2	5MHz	18900	QPSK	6	0	Low	21.06	PASS
Band2	5MHz	19175	QPSK	1	0	High	20.74	PASS
Band2	5MHz	19175	QPSK	1	5	High	20.67	PASS
Band2	5MHz	19175	QPSK	6	0	High	21.36	PASS
Band2	5MHz	18625	16QAM	1	0	Low	20.77	PASS
Band2	5MHz	18625	16QAM	1	5	Low	20.74	PASS
Band2	5MHz	18625	16QAM	6	0	Low	20.96	PASS
Band2	5MHz	18900	16QAM	1	0	Low	20.30	PASS
Band2	5MHz	18900	16QAM	1	5	Low	20.62	PASS
Band2	5MHz	18900	16QAM	6	0	Low	20.95	PASS
Band2	5MHz	19175	16QAM	1	0	High	20.30	PASS
Band2	5MHz	19175	16QAM	1	5	High	20.75	PASS
Band2	5MHz	19175	16QAM	6	0	High	20.65	PASS
Band2	10MHz	18650	QPSK	1	0	Low	20.88	PASS
Band2	10MHz	18650	QPSK	1	5	Low	20.67	PASS
Band2	10MHz	18650	QPSK	6	0	Low	22.62	PASS
Band2	10MHz	18900	QPSK	1	0	Low	22.23	PASS
Band2	10MHz	18900	QPSK	1	5	Low	22.06	PASS
Band2	10MHz	18900	QPSK	6	0	Low	22.82	PASS
Band2	10MHz	19150	QPSK	1	0	High	20.77	PASS
Band2	10MHz	19150	QPSK	1	5	High	20.61	PASS
Band2	10MHz	19150	QPSK	6	0	High	21.61	PASS
Band2	10MHz	18650	16QAM	1	0	Low	21.02	PASS
Band2	10MHz	18650	16QAM	1	5	Low	20.80	PASS
Band2	10MHz	18650	16QAM	6	0	Low	21.37	PASS
Band2	10MHz	18900	16QAM	1	0	Low	20.45	PASS
Band2	10MHz	18900	16QAM	1	5	Low	21.17	PASS
Band2	10MHz	18900	16QAM	6	0	Low	21.83	PASS
Band2	10MHz	19150	16QAM	1	0	High	21.01	PASS
Band2	10MHz	19150	16QAM	1	5	High	20.78	PASS
Band2	10MHz	19150	16QAM	6	0	High	21.35	PASS

A.2 Peak-to-Average Ratio(CCDF) for M1

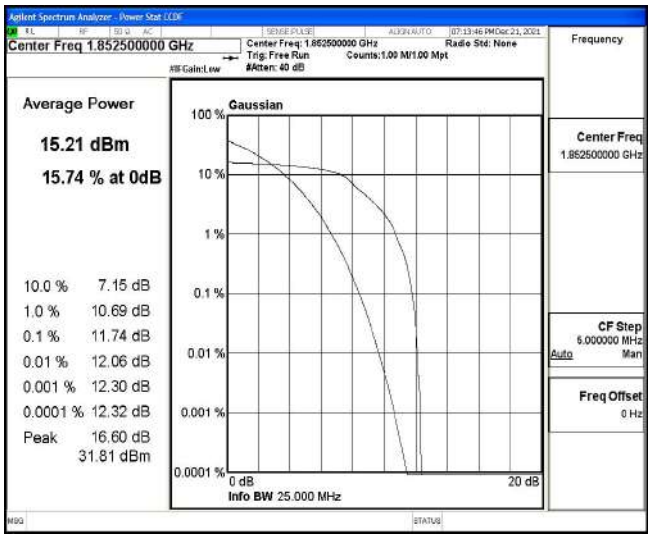
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band2	5MHz	18625	QPSK	1	0	Low	9.40	<=13	PASS
Band2	5MHz	18625	QPSK	6	0	Low	11.74	<=13	PASS
Band2	5MHz	18900	QPSK	1	0	Low	9.61	<=13	PASS
Band2	5MHz	18900	QPSK	6	0	Low	10.74	<=13	PASS
Band2	5MHz	19175	QPSK	1	0	High	7.87	<=13	PASS
Band2	5MHz	19175	QPSK	6	0	High	9.37	<=13	PASS
Band2	5MHz	18625	16QAM	1	0	Low	10.25	<=13	PASS
Band2	5MHz	18625	16QAM	6	0	Low	8.92	<=13	PASS
Band2	5MHz	18900	16QAM	1	0	Low	8.92	<=13	PASS
Band2	5MHz	18900	16QAM	6	0	Low	10.27	<=13	PASS
Band2	5MHz	19175	16QAM	1	0	High	10.23	<=13	PASS
Band2	5MHz	19175	16QAM	6	0	High	9.25	<=13	PASS
Band2	10MHz	18650	QPSK	1	0	Low	9.16	<=13	PASS
Band2	10MHz	18650	QPSK	6	0	Low	10.71	<=13	PASS
Band2	10MHz	18900	QPSK	1	0	Low	8.50	<=13	PASS
Band2	10MHz	18900	QPSK	6	0	Low	9.20	<=13	PASS
Band2	10MHz	19150	QPSK	1	0	High	8.86	<=13	PASS
Band2	10MHz	19150	QPSK	6	0	High	9.09	<=13	PASS
Band2	10MHz	18650	16QAM	1	0	Low	9.28	<=13	PASS
Band2	10MHz	18650	16QAM	6	0	Low	9.21	<=13	PASS
Band2	10MHz	18900	16QAM	1	0	Low	8.69	<=13	PASS
Band2	10MHz	18900	16QAM	6	0	Low	9.01	<=13	PASS
Band2	10MHz	19150	16QAM	1	0	High	10.14	<=13	PASS
Band2	10MHz	19150	16QAM	6	0	High	9.45	<=13	PASS

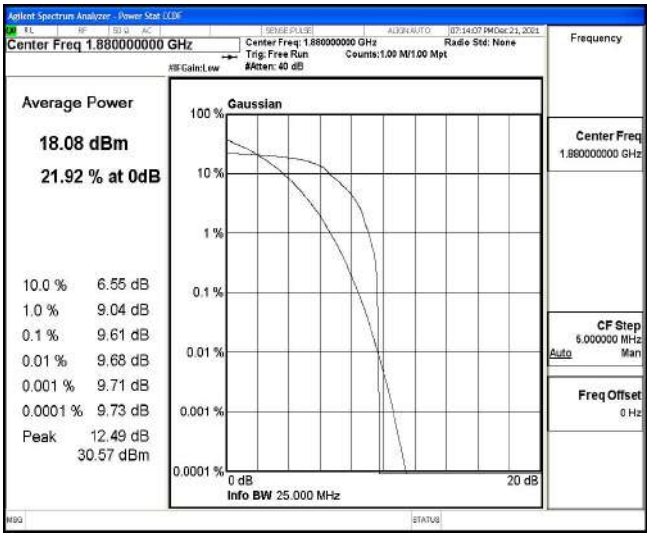
Test Graphs



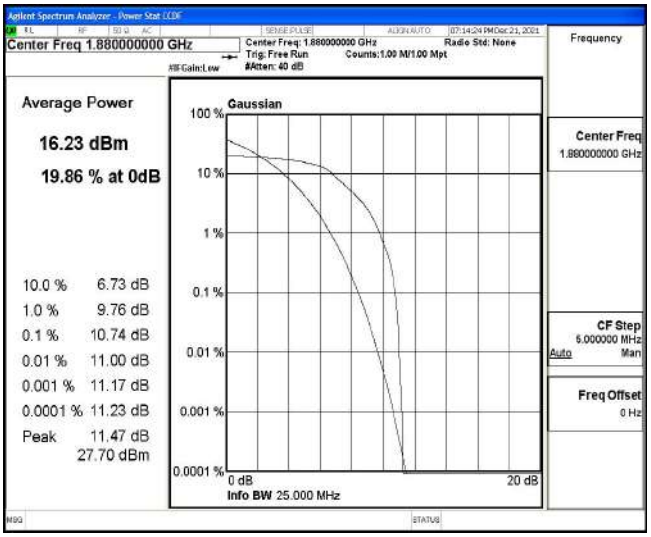
Band2-5MHz-QPSK-18625-1-0-Low-9.40-<=13-PASS



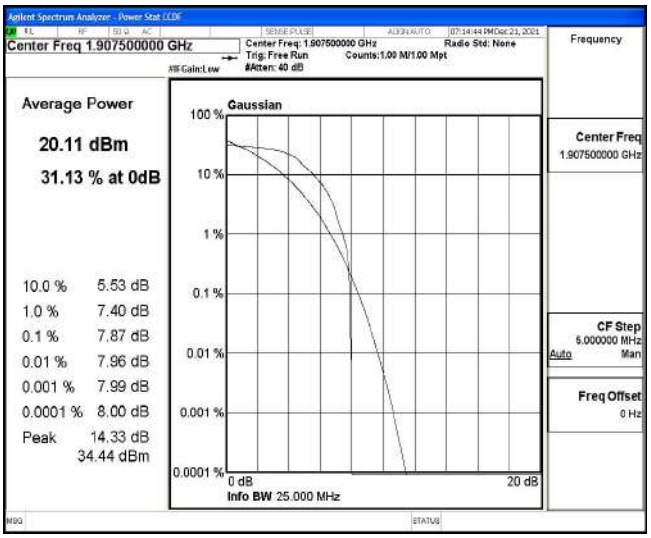
Band2-5MHz-QPSK-18625-6-0-Low-11.74-<=13-PASS



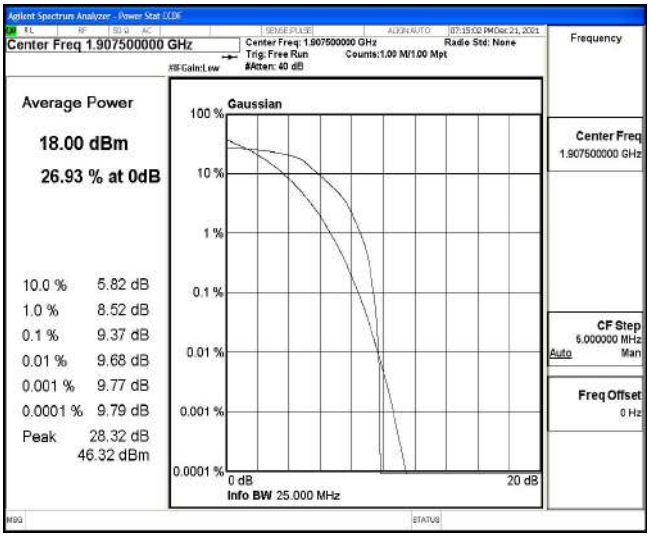
Band2-5MHz-QPSK-18900-1-0-Low-9.61-<=13-PASS



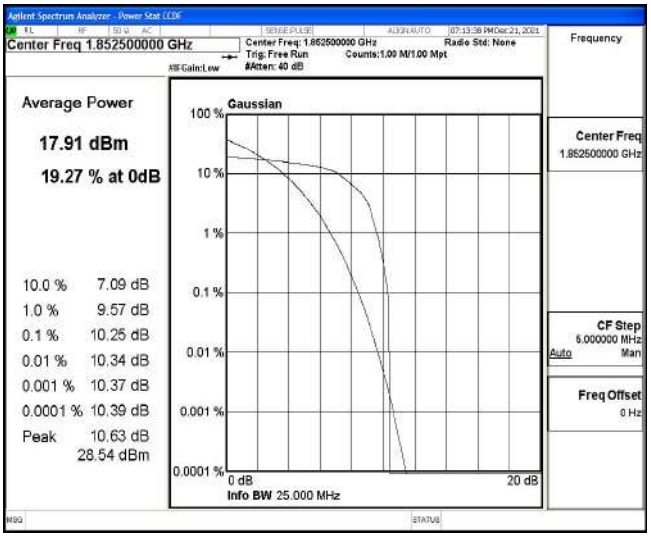
Band2-5MHz-QPSK-18900-6-0-Low-10.74-<=13-PASS



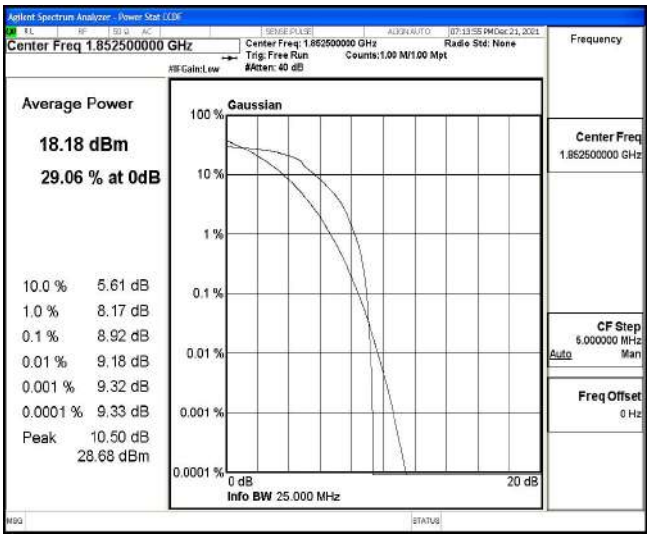
Band2-5MHz-QPSK-19175-1-0-High-7.87-<=13-PASS



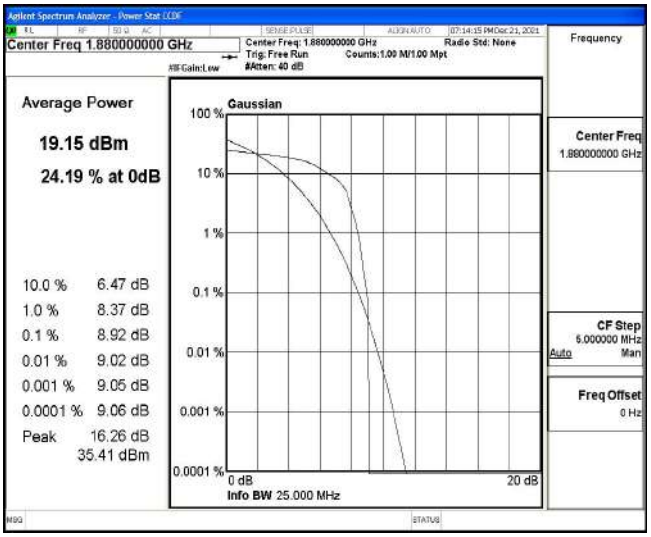
Band2-5MHz-QPSK-19175-6-0-High-9.37-<=13-PASS



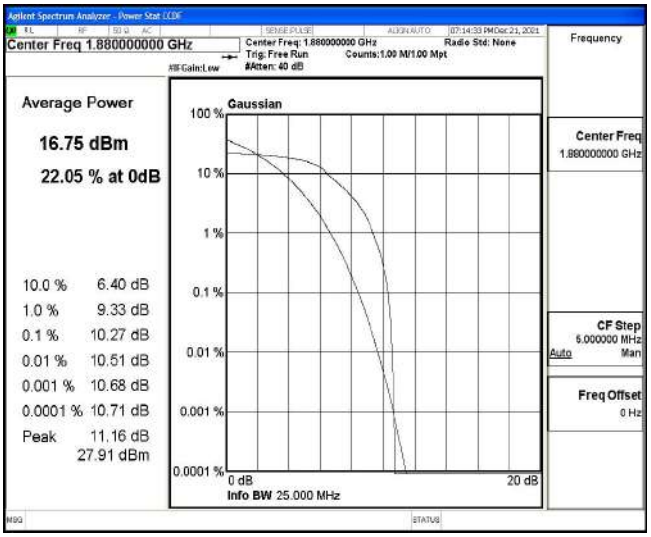
Band2-5MHz-16QAM-18625-1-0-Low-10.25-<=13-PASS



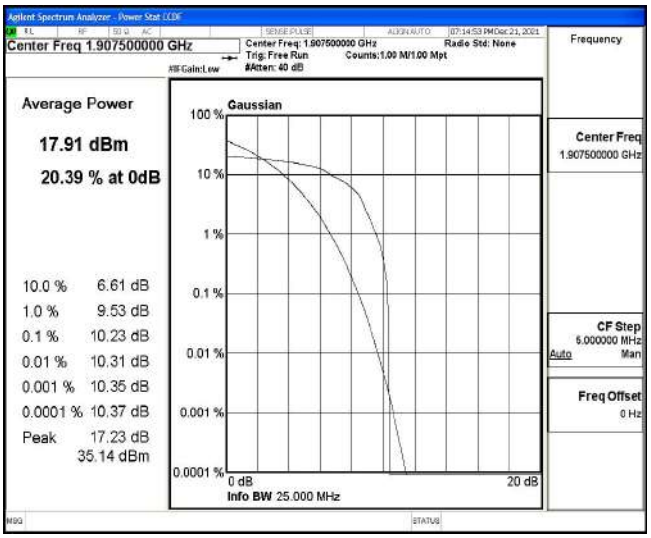
Band2-5MHz-16QAM-18625-6-0-Low-8.92-<=13-PASS



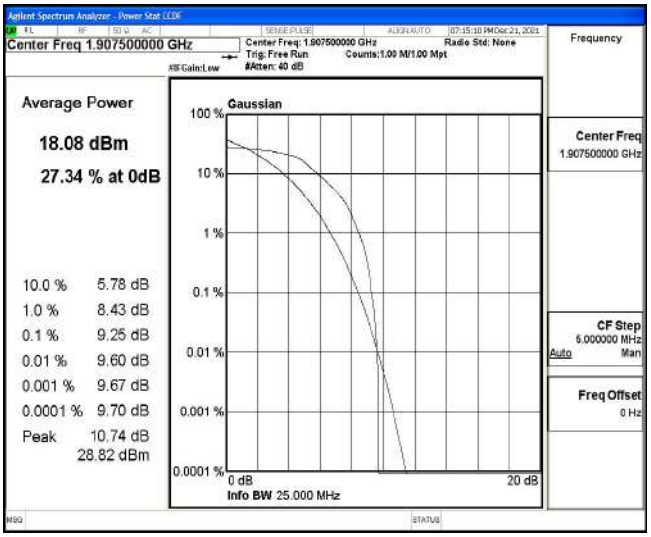
Band2-5MHz-16QAM-18900-1-0-Low-8.92-<=13-PASS



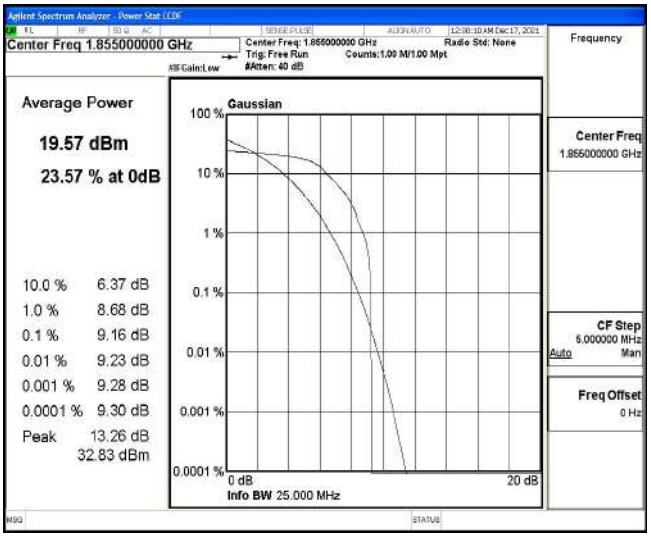
Band2-5MHz-16QAM-18900-6-0-Low-10.27-<=13-PASS



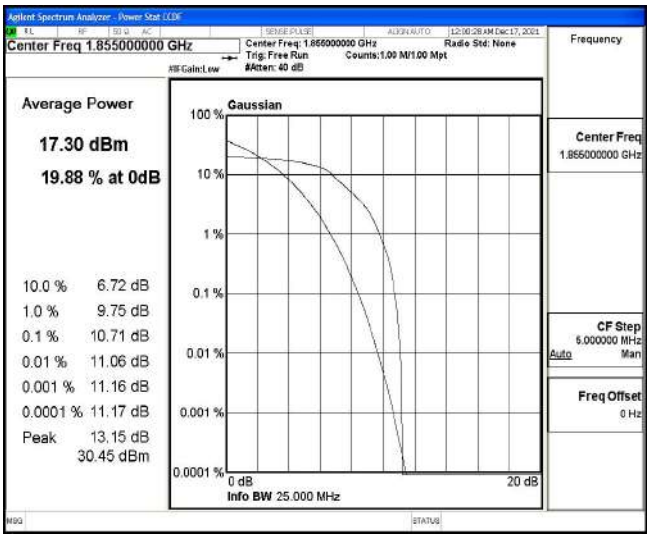
Band2-5MHz-16QAM-19175-1-0-High-10.23-<=13-PASS



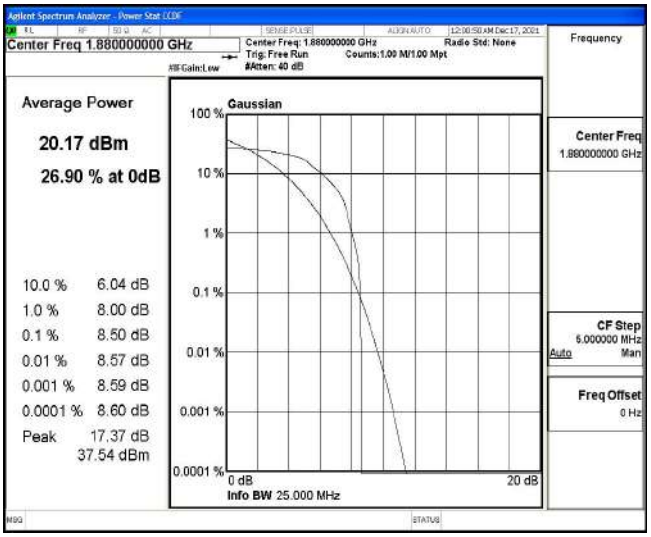
Band2-5MHz-16QAM-19175-6-0-High-9.25-<=13-PASS



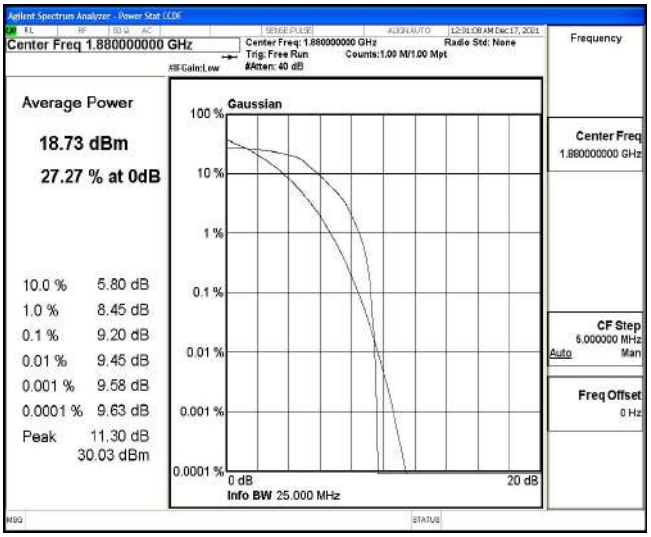
Band2-10MHz-QPSK-18650-1-0-Low-9.16-<=13-PASS



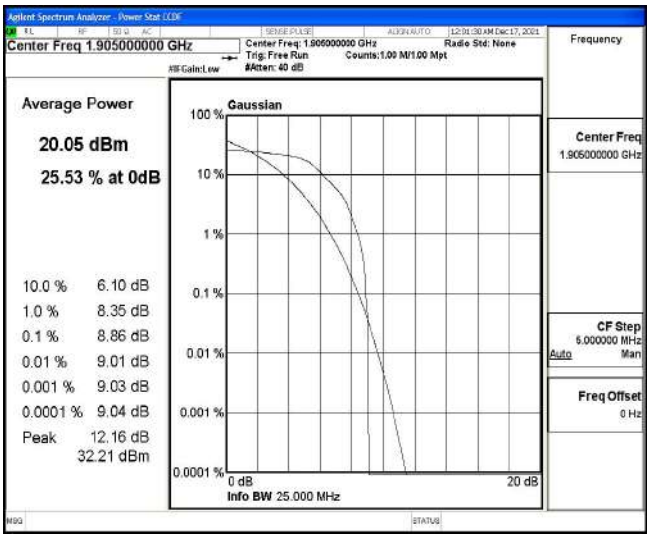
Band2-10MHz-QPSK-18650-6-0-Low-10.71-<=13-PASS



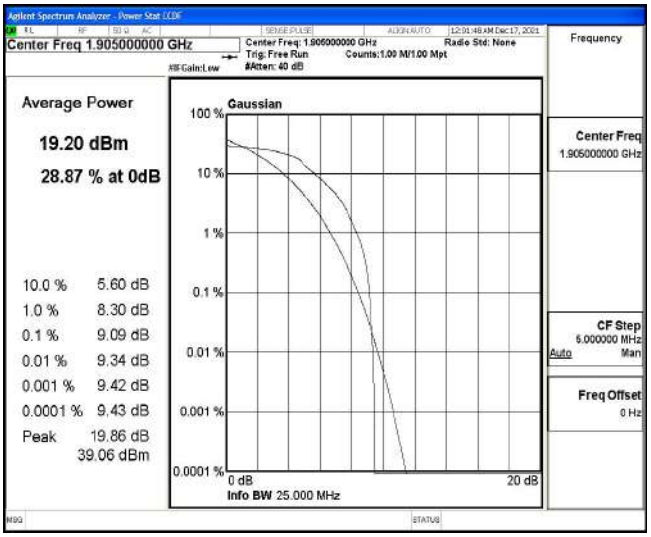
Band2-10MHz-QPSK-18900-1-0-Low-8.50-<=13-PASS



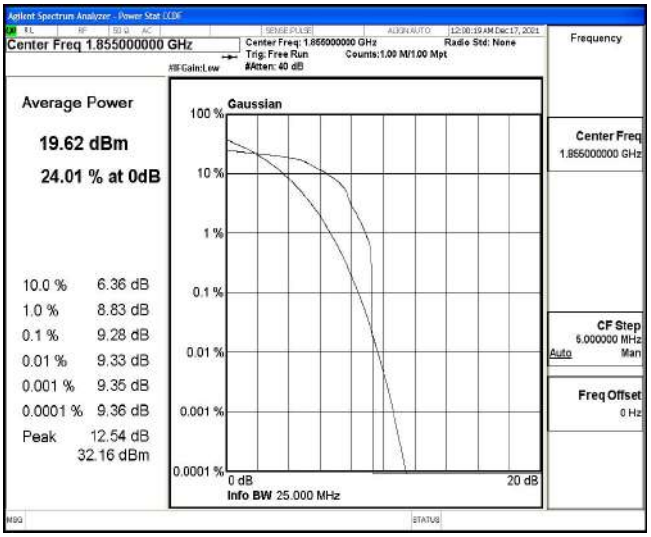
Band2-10MHz-QPSK-18900-6-0-Low-9.20-<=13-PASS



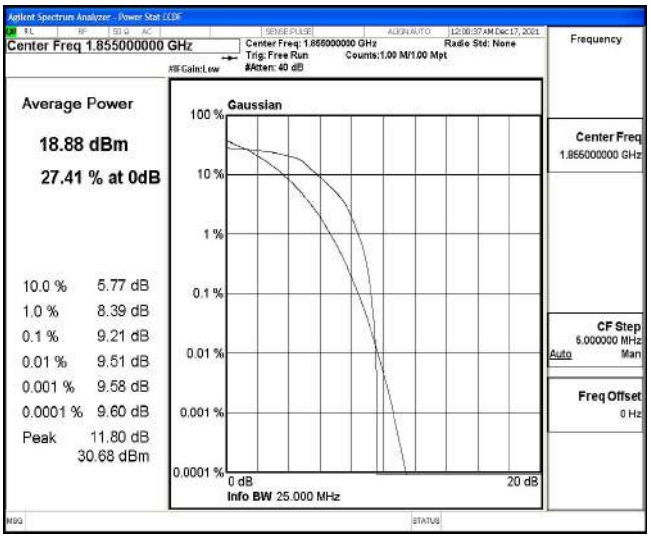
Band2-10MHz-QPSK-19150-1-0-High-8.86-<=13-PASS



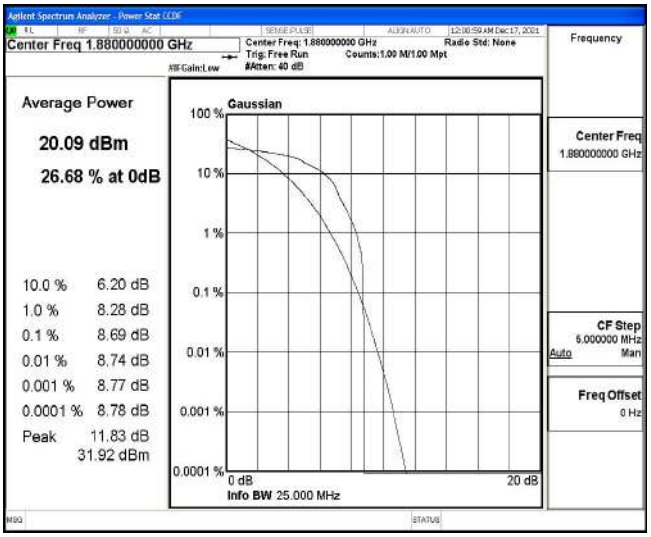
Band2-10MHz-QPSK-19150-6-0-High-9.09-<=13-PASS



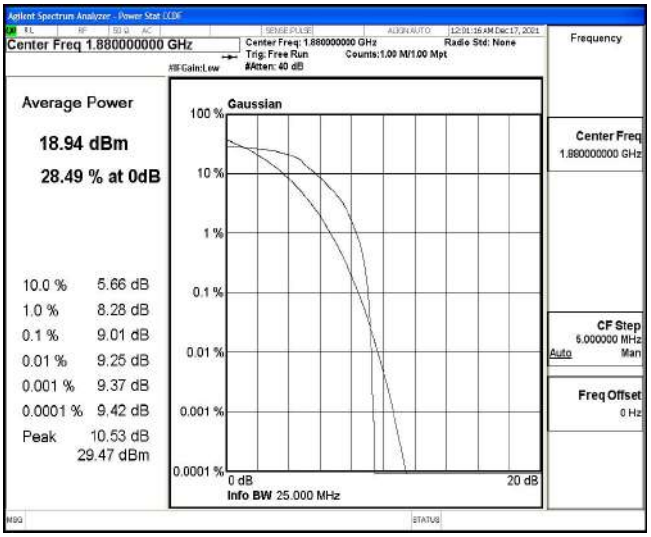
Band2-10MHz-16QAM-18650-1-0-Low-9.28-<=13-PASS



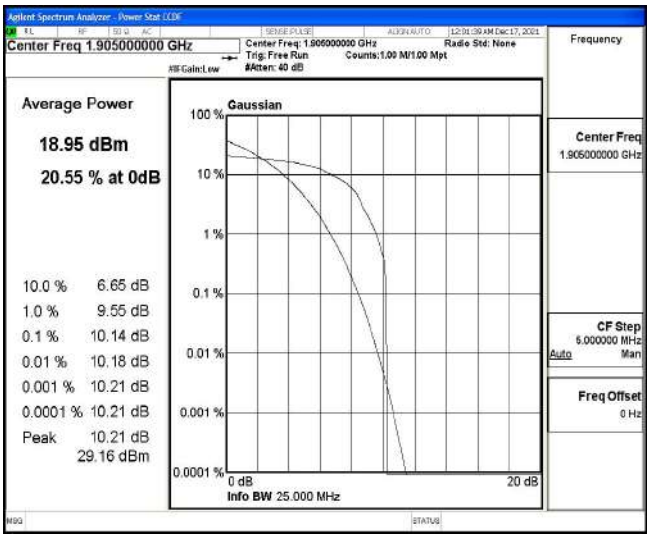
Band2-10MHz-16QAM-18650-6-0-Low-9.21-<=13-PASS



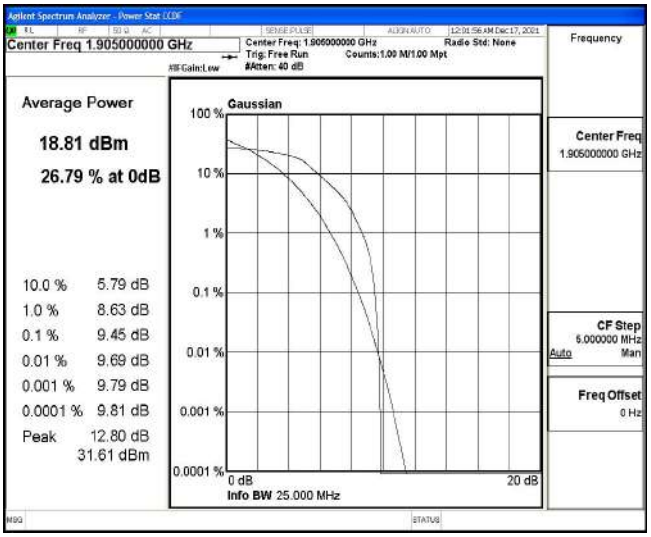
Band2-10MHz-16QAM-18900-1-0-Low-8.69-<=13-PASS



Band2-10MHz-16QAM-18900-6-0-Low-9.01-<=13-PASS



Band2-10MHz-16QAM-19150-1-0-High-10.14-<=13-PASS



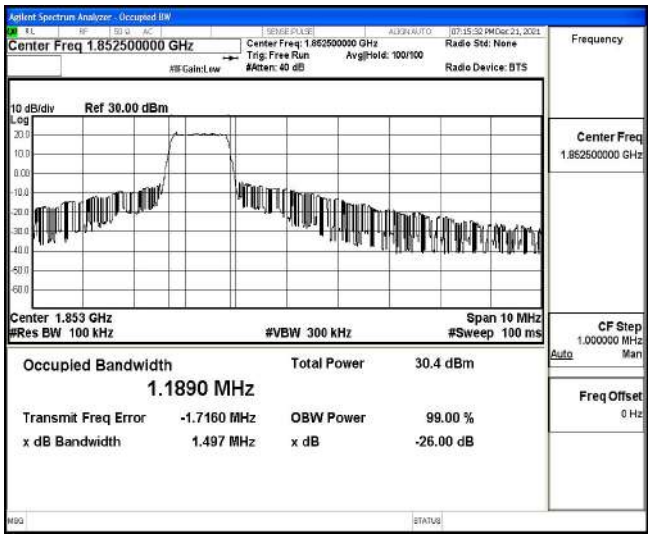
Band2-10MHz-16QAM-19150-6-0-High-9.45-<=13-PASS

A.3 26dB Bandwidth and Occupied Bandwidth for M1

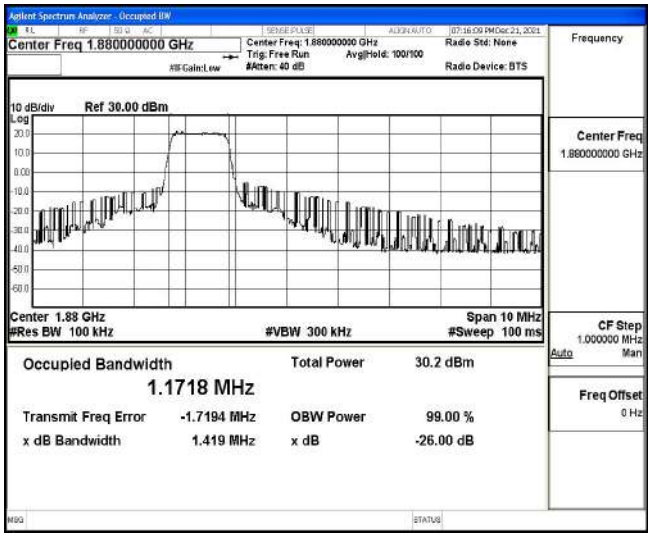
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	5MHz	18625	QPSK	6	0	Low	1.1890	1.497	PASS
Band2	5MHz	18900	QPSK	6	0	Low	1.1718	1.419	PASS
Band2	5MHz	19175	QPSK	6	0	High	1.1827	1.584	PASS
Band2	5MHz	18625	16QAM	6	0	Low	1.1836	1.546	PASS
Band2	5MHz	18900	16QAM	6	0	Low	1.1748	1.506	PASS
Band2	5MHz	19175	16QAM	6	0	High	1.1765	1.601	PASS
Band2	10MHz	18650	QPSK	6	0	Low	1.3496	2.174	PASS
Band2	10MHz	18900	QPSK	6	0	Low	1.3901	2.885	PASS
Band2	10MHz	19150	QPSK	6	0	High	1.3399	2.003	PASS
Band2	10MHz	18650	16QAM	6	0	Low	1.3306	2.344	PASS
Band2	10MHz	18900	16QAM	6	0	Low	1.3524	2.886	PASS
Band2	10MHz	19150	16QAM	6	0	High	1.3408	2.306	PASS

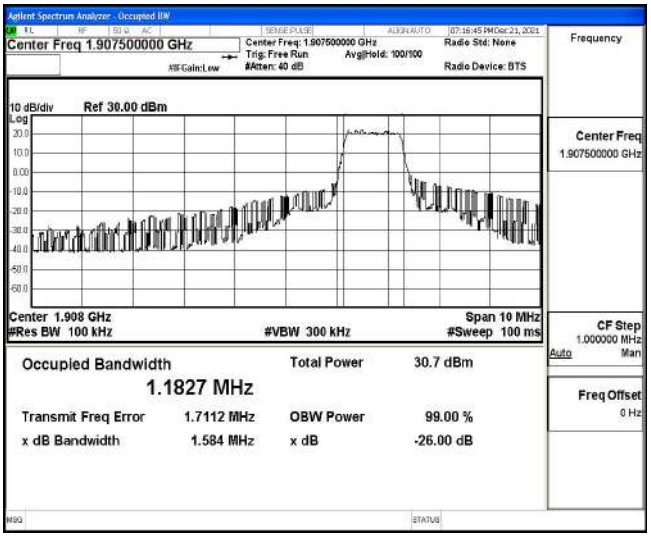
Test Graphs



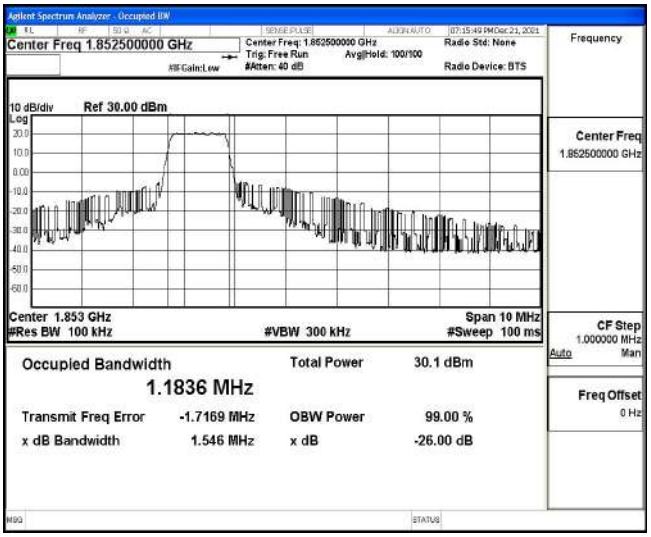
Band2-5MHz-QPSK-18625-6-0-Low-1.1890-1.497-PASS



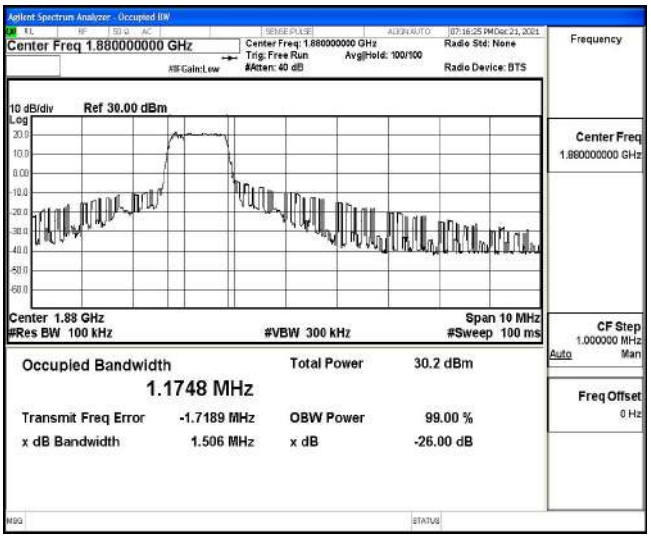
Band2-5MHz-QPSK-18900-6-0-Low-1.1718-1.419-PASS



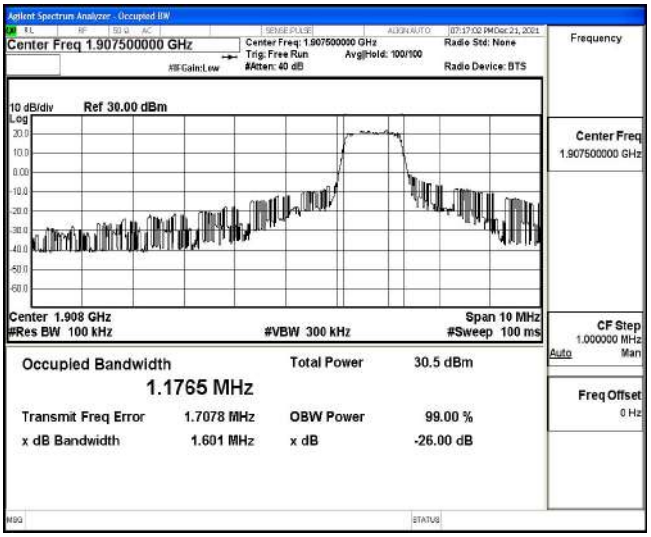
Band2-5MHz-QPSK-19175-6-0-High-1.1827-1.584-PASS



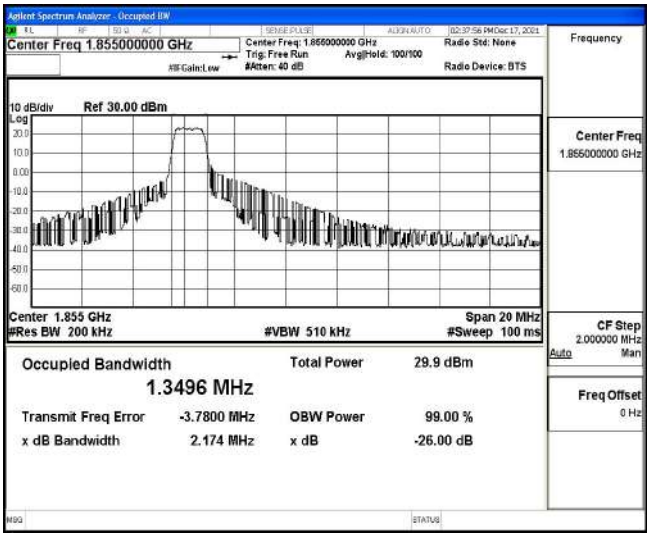
Band2-5MHz-16QAM-18625-6-0-Low-1.1836-1.546-PASS



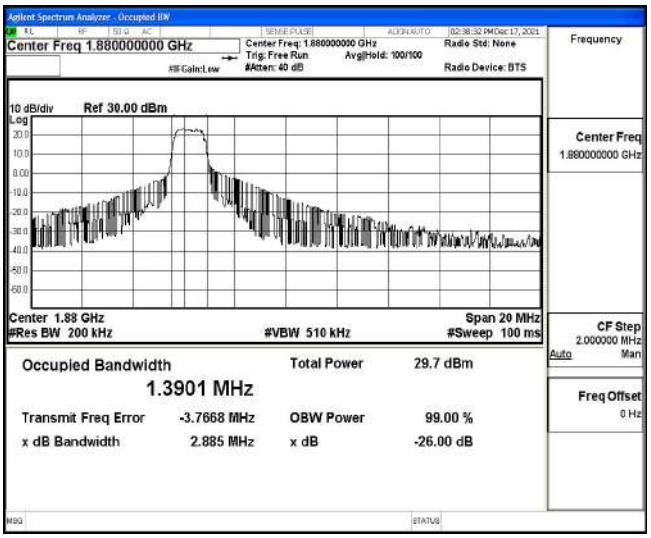
Band2-5MHz-16QAM-18900-6-0-Low-1.1748-1.506-PASS



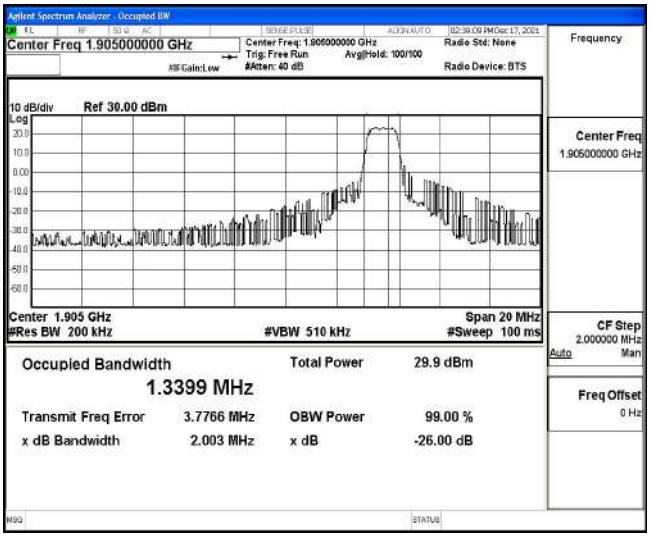
Band2-5MHz-16QAM-19175-6-0-High-1.1765-1.601-PASS



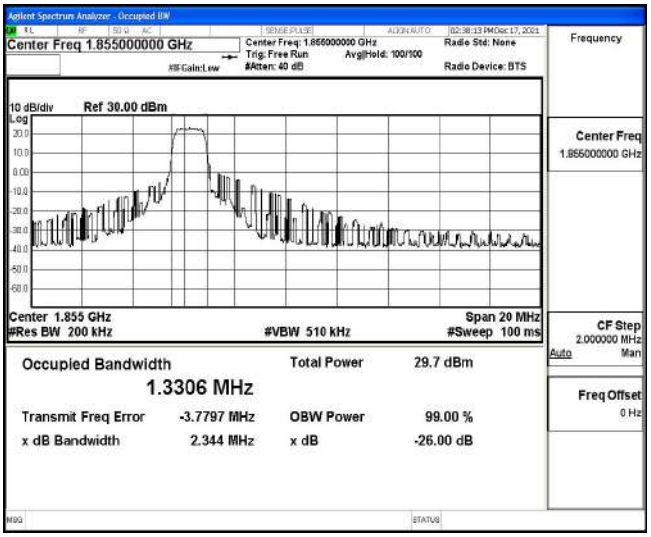
Band2-10MHz-QPSK-18650-6-0-Low-1.3496-2.174-PASS



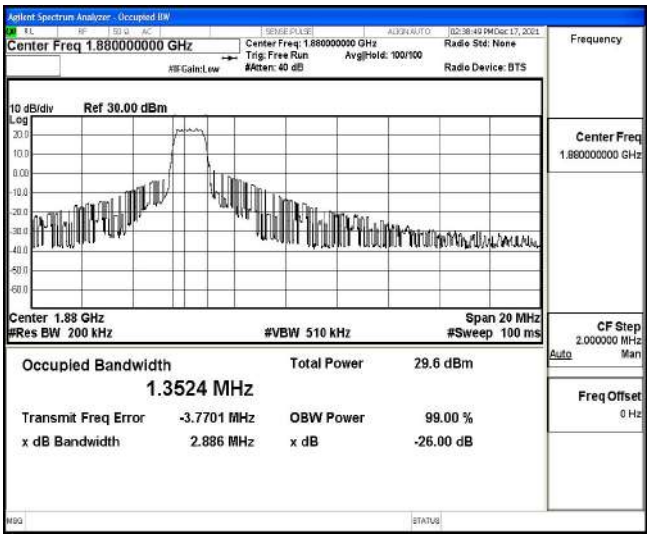
Band2-10MHz-QPSK-18900-6-0-Low-1.3901-2.885-PASS



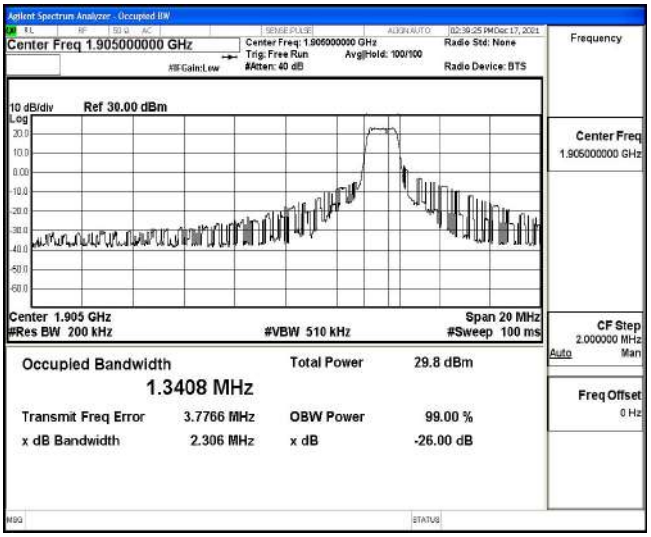
Band2-10MHz-QPSK-19150-6-0-High-1.3399-2.003-PASS



Band2-10MHz-16QAM-18650-6-0-Low-1.3306-2.344-PASS



Band2-10MHz-16QAM-18900-6-0-Low-1.3524-2.886-PASS



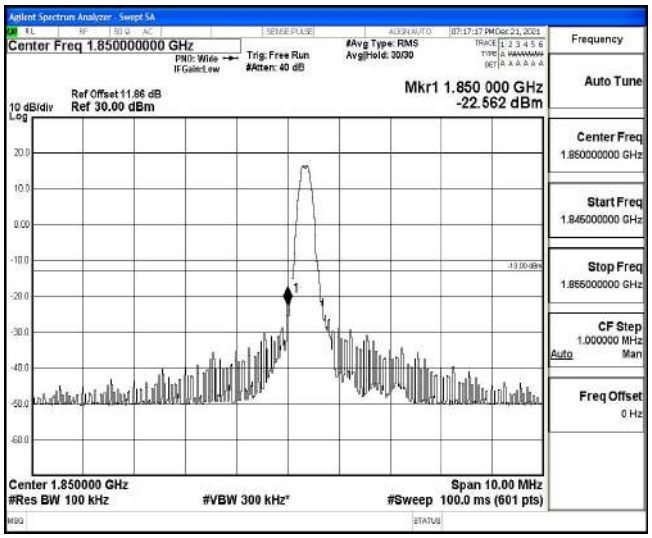
Band2-10MHz-16QAM-19150-6-0-High-1.3408-2.306-PASS

A.4 Band Edge for M1

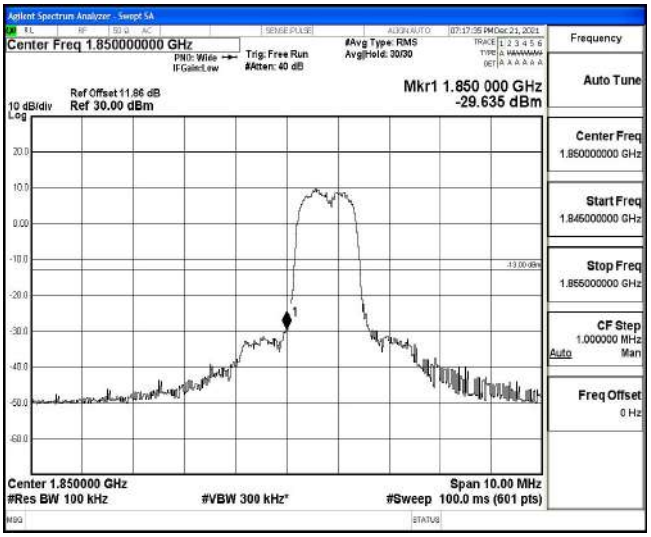
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band2	5MHz	18625	QPSK	1	0	Low	-22.56	PASS
Band2	5MHz	18625	QPSK	6	0	Low	-29.64	PASS
Band2	5MHz	19175	QPSK	1	0	High	-40.60	PASS
Band2	5MHz	19175	QPSK	6	0	High	-30.12	PASS
Band2	5MHz	18625	16QAM	1	0	Low	-26.22	PASS
Band2	5MHz	18625	16QAM	6	0	Low	-28.76	PASS
Band2	5MHz	19175	16QAM	1	0	High	-36.24	PASS
Band2	5MHz	19175	16QAM	6	0	High	-29.70	PASS
Band2	10MHz	18650	QPSK	1	0	Low	-34.56	PASS
Band2	10MHz	18650	QPSK	6	0	Low	-28.75	PASS
Band2	10MHz	19150	QPSK	1	0	High	-34.04	PASS
Band2	10MHz	19150	QPSK	6	0	High	-25.26	PASS
Band2	10MHz	18650	16QAM	1	0	Low	-32.62	PASS
Band2	10MHz	18650	16QAM	6	0	Low	-30.10	PASS
Band2	10MHz	19150	16QAM	1	0	High	-36.94	PASS
Band2	10MHz	19150	16QAM	6	0	High	-26.03	PASS

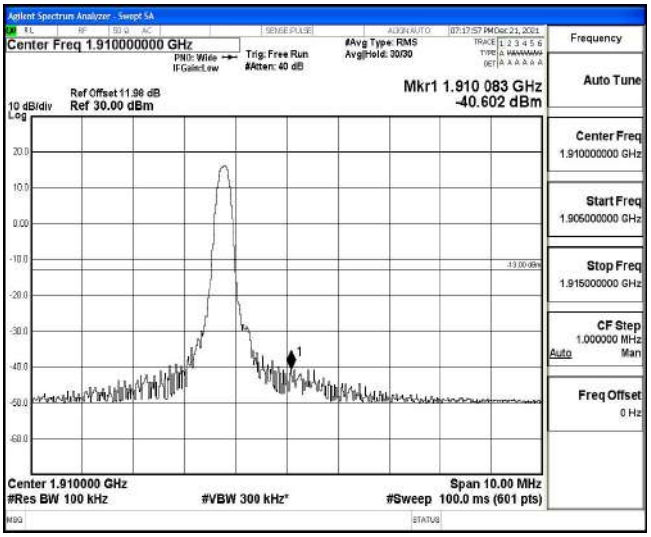
Test Graphs



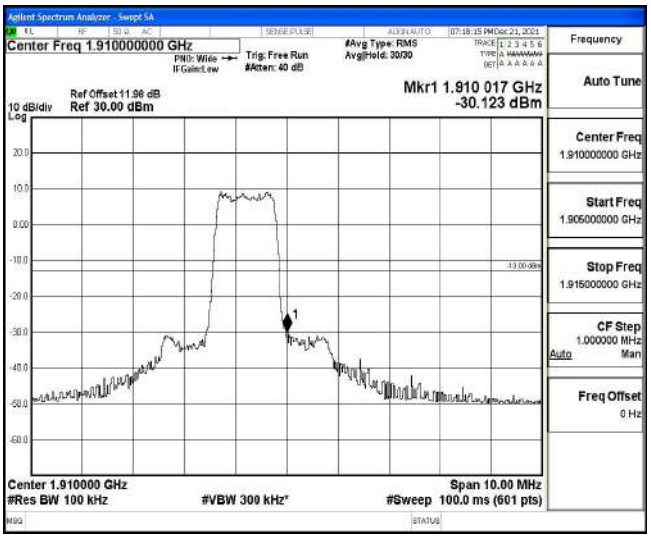
Band2-5MHz-QPSK-18625-1-0-Low--22.56-PASS



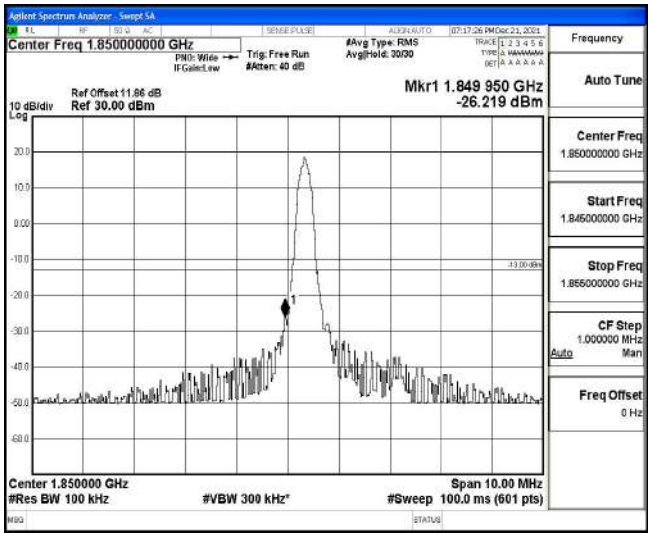
Band2-5MHz-QPSK-18625-6-0-Low--29.64-PASS



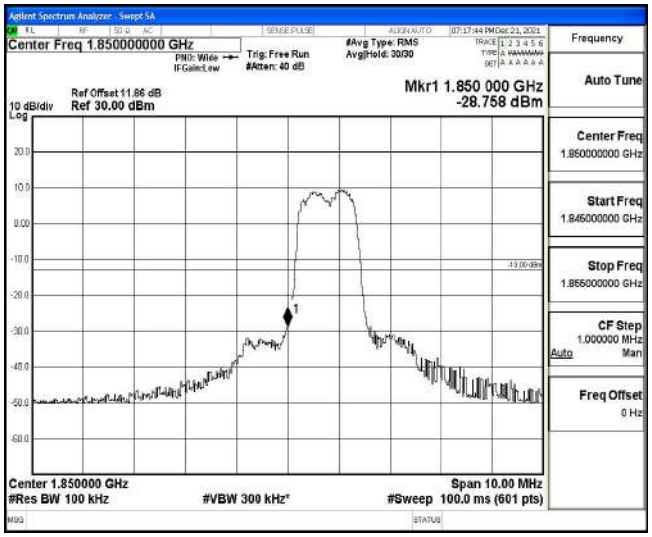
Band2-5MHz-QPSK-19175-1-0-High--40.60-PASS



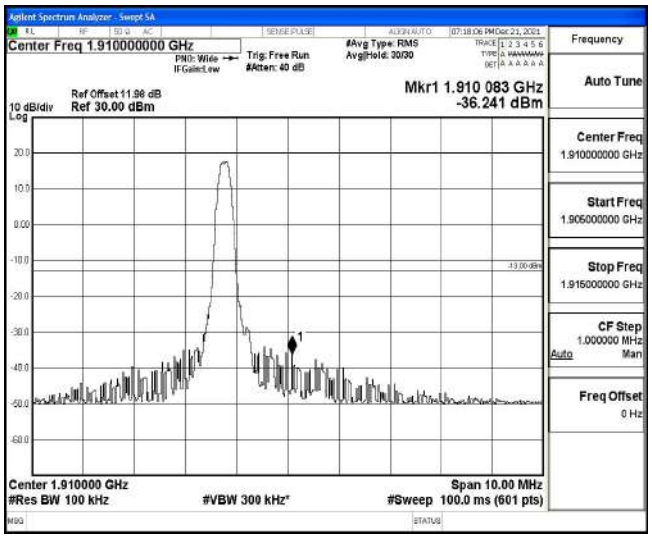
Band2-5MHz-QPSK-19175-6-0-High--30.12-PASS



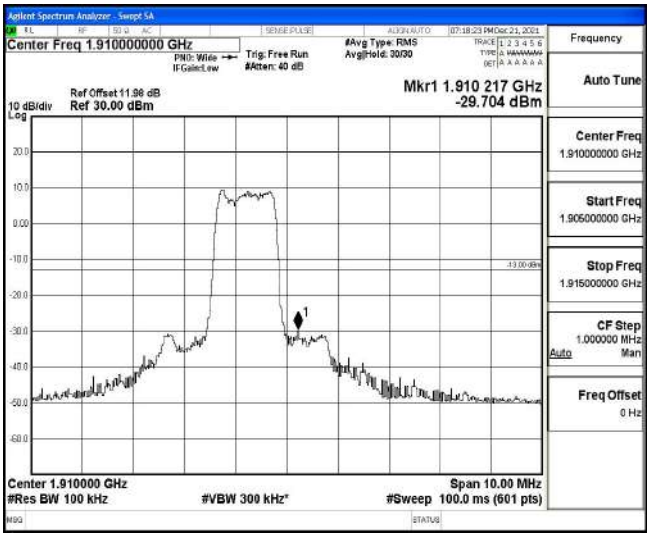
Band2-5MHz-16QAM-18625-1-0-Low--26.22-PASS



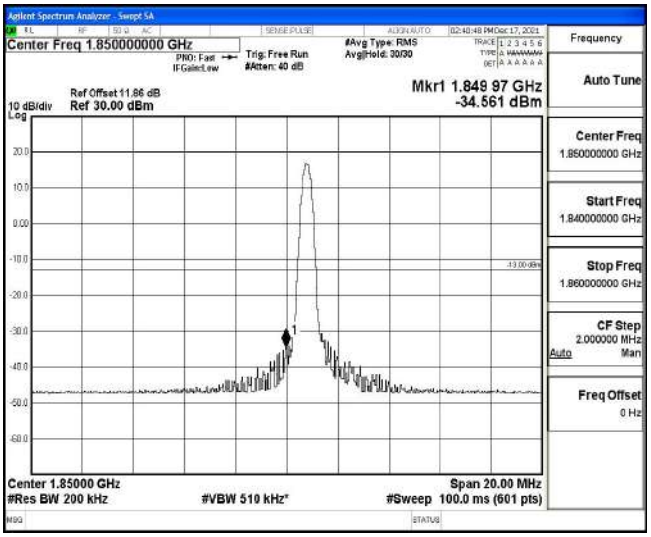
Band2-5MHz-16QAM-18625-6-0-Low--28.76-PASS



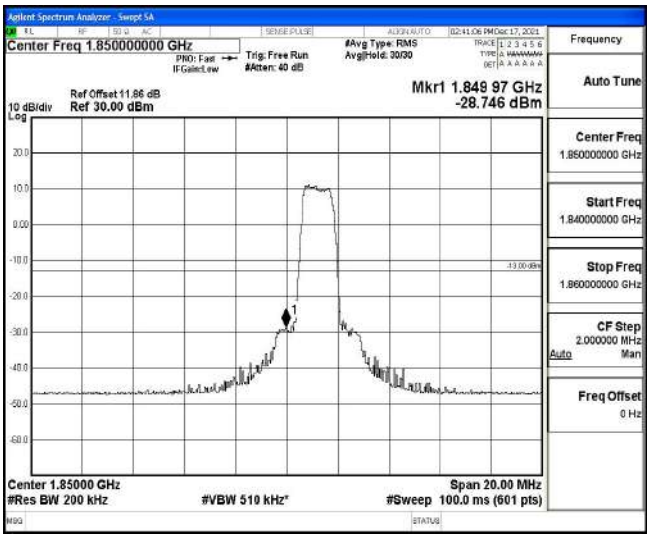
Band2-5MHz-16QAM-19175-1-0-High--36.24-PASS



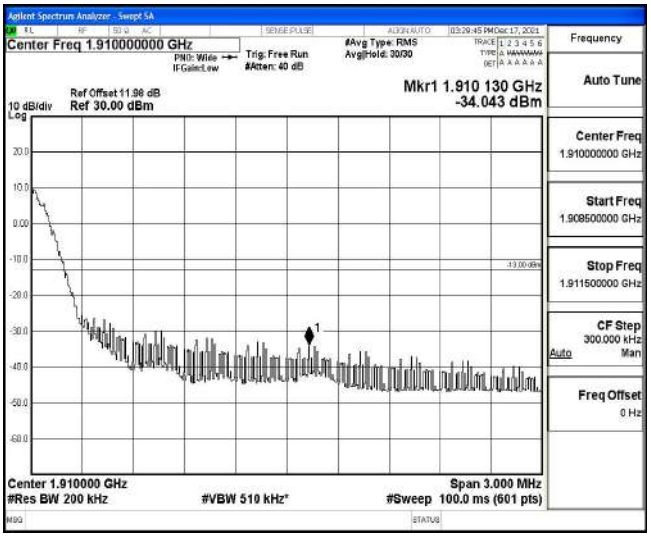
Band2-5MHz-16QAM-19175-6-0-High--29.70-PASS



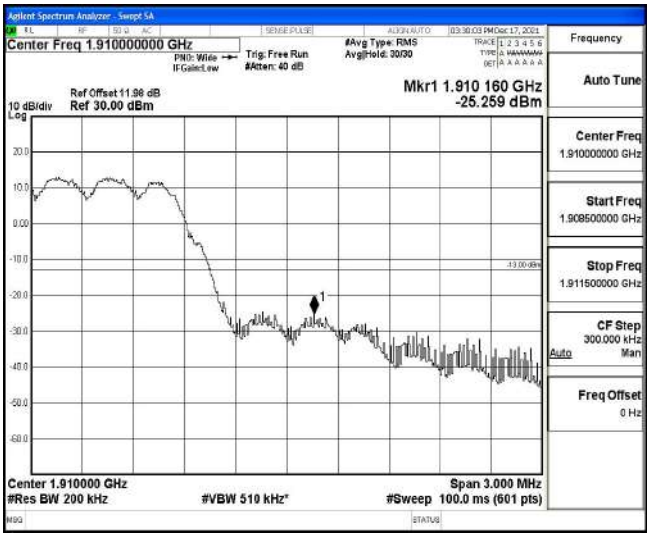
Band2-10MHz-QPSK-18650-1-0-Low--34.56-PASS



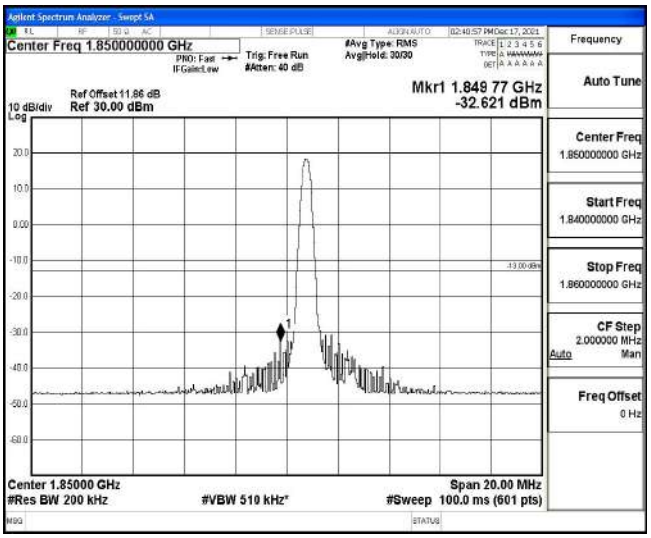
Band2-10MHz-QPSK-18650-6-0-Low--28.75-PASS



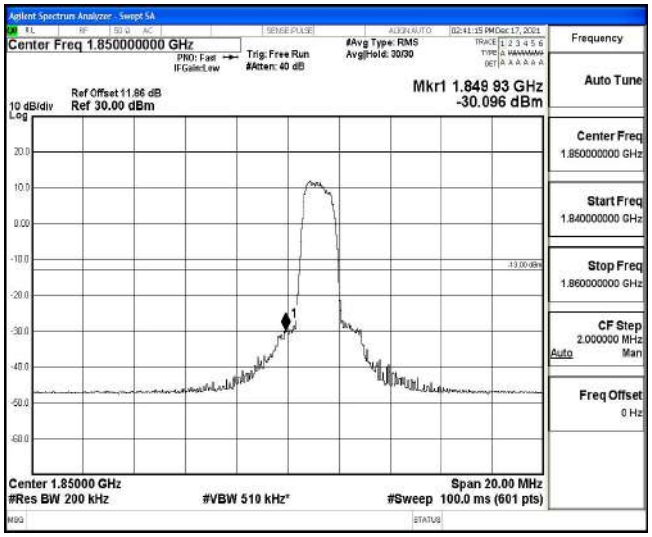
Band2-10MHz-QPSK-19150-1-0-High--34.04-PASS



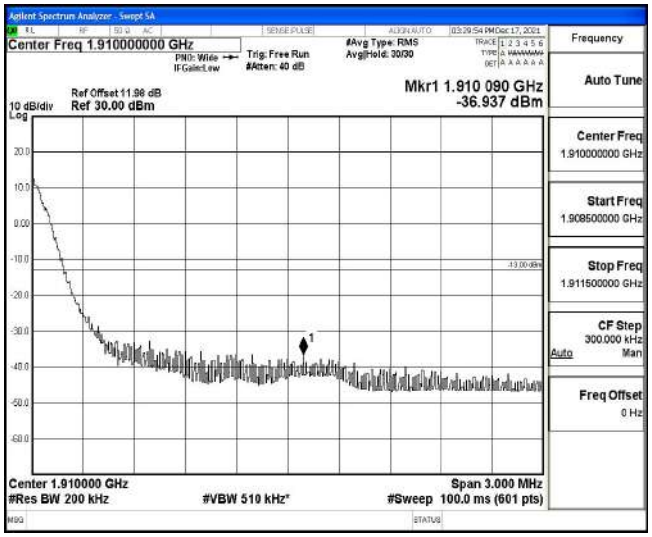
Band2-10MHz-QPSK-19150-6-0-High--25.26-PASS



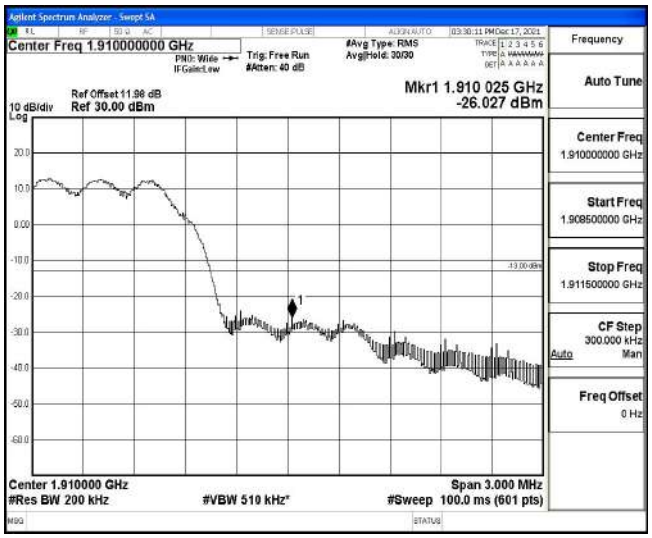
Band2-10MHz-16QAM-18650-1-0-Low--32.62-PASS



Band2-10MHz-16QAM-18650-6-0-Low--30.10-PASS



Band2-10MHz-16QAM-19150-1-0-High--36.94-PASS



Band2-10MHz-16QAM-19150-6-0-High--26.03-PASS

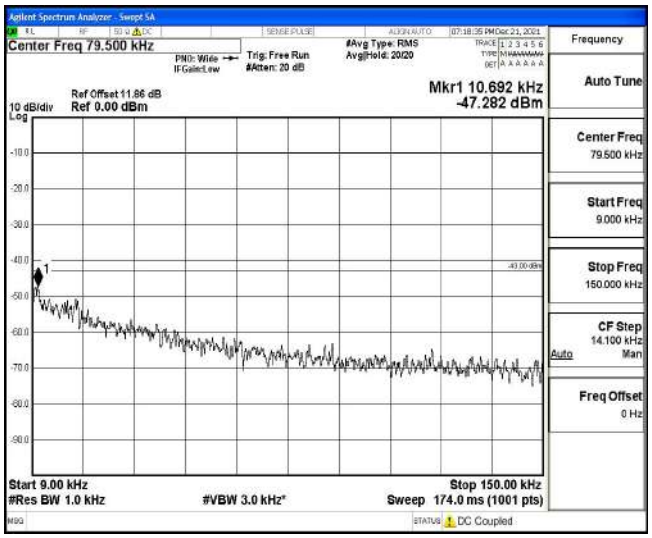
A.5 Conducted Spurious Emission for M1

Test Result

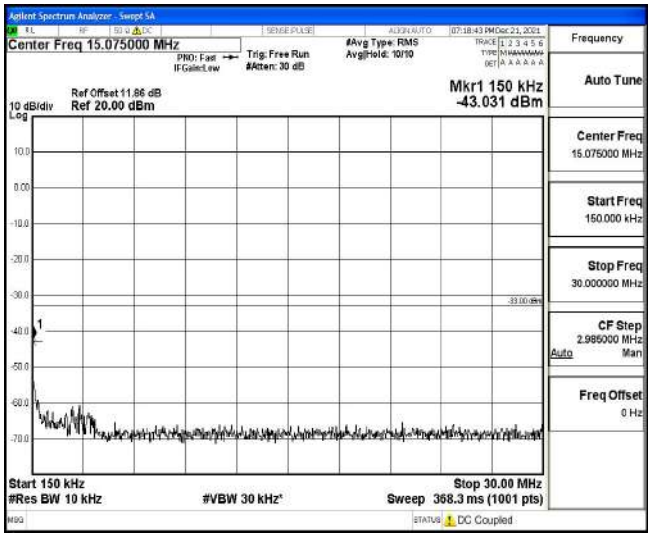
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band2	5MHz	18625	QPSK	1	0	Low	0.009	0.15	-47.28	PASS
Band2	5MHz	18625	QPSK	1	0	Low	0.15	30	-43.03	PASS
Band2	5MHz	18625	QPSK	1	0	Low	30	1000	-36.35	PASS
Band2	5MHz	18625	QPSK	1	0	Low	1000	10000	-36.97	PASS
Band2	5MHz	18625	QPSK	1	0	Low	10000	20000	-32.01	PASS
Band2	5MHz	18900	QPSK	1	0	Low	0.009	0.15	-46.36	PASS
Band2	5MHz	18900	QPSK	1	0	Low	0.15	30	-42.89	PASS
Band2	5MHz	18900	QPSK	1	0	Low	30	1000	-35.6	PASS
Band2	5MHz	18900	QPSK	1	0	Low	1000	10000	-35.85	PASS
Band2	5MHz	18900	QPSK	1	0	Low	10000	20000	-32.03	PASS
Band2	5MHz	19175	QPSK	1	0	High	0.009	0.15	-47.02	PASS
Band2	5MHz	19175	QPSK	1	0	High	0.15	30	-44.69	PASS
Band2	5MHz	19175	QPSK	1	0	High	30	1000	-34.59	PASS
Band2	5MHz	19175	QPSK	1	0	High	1000	10000	-35.11	PASS
Band2	5MHz	19175	QPSK	1	0	High	10000	20000	-31.84	PASS
Band2	5MHz	18625	16QAM	1	0	Low	0.009	0.15	-48.75	PASS
Band2	5MHz	18625	16QAM	1	0	Low	0.15	30	-41.97	PASS
Band2	5MHz	18625	16QAM	1	0	Low	30	1000	-35.95	PASS
Band2	5MHz	18625	16QAM	1	0	Low	1000	10000	-37.85	PASS
Band2	5MHz	18625	16QAM	1	0	Low	10000	20000	-31.98	PASS
Band2	5MHz	18900	16QAM	1	0	Low	0.009	0.15	-48.29	PASS
Band2	5MHz	18900	16QAM	1	0	Low	0.15	30	-44.69	PASS
Band2	5MHz	18900	16QAM	1	0	Low	30	1000	-35.34	PASS
Band2	5MHz	18900	16QAM	1	0	Low	1000	10000	-36.2	PASS
Band2	5MHz	18900	16QAM	1	0	Low	10000	20000	-32.02	PASS
Band2	5MHz	19175	16QAM	1	0	High	0.009	0.15	-47.96	PASS
Band2	5MHz	19175	16QAM	1	0	High	0.15	30	-43.85	PASS
Band2	5MHz	19175	16QAM	1	0	High	30	1000	-36.6	PASS
Band2	5MHz	19175	16QAM	1	0	High	1000	10000	-36.32	PASS
Band2	5MHz	19175	16QAM	1	0	High	10000	20000	-31.7	PASS
Band2	10MHz	18650	QPSK	1	0	Low	0.009	0.15	-48.79	PASS
Band2	10MHz	18650	QPSK	1	0	Low	0.15	30	-42.64	PASS
Band2	10MHz	18650	QPSK	1	0	Low	30	1000	-36.08	PASS
Band2	10MHz	18650	QPSK	1	0	Low	1000	10000	-36.68	PASS
Band2	10MHz	18650	QPSK	1	0	Low	10000	20000	-32.07	PASS

Band2	10MHz	18900	QPSK	1	0	Low	0.009	0.15	-46.13	PASS
Band2	10MHz	18900	QPSK	1	0	Low	0.15	30	-43.68	PASS
Band2	10MHz	18900	QPSK	1	0	Low	30	1000	-35.99	PASS
Band2	10MHz	18900	QPSK	1	0	Low	1000	10000	-35.53	PASS
Band2	10MHz	18900	QPSK	1	0	Low	10000	20000	-32.1	PASS
Band2	10MHz	19150	QPSK	1	0	High	0.009	0.15	-47.05	PASS
Band2	10MHz	19150	QPSK	1	0	High	0.15	30	-43.53	PASS
Band2	10MHz	19150	QPSK	1	0	High	30	1000	-35.27	PASS
Band2	10MHz	19150	QPSK	1	0	High	1000	10000	-36.07	PASS
Band2	10MHz	19150	QPSK	1	0	High	10000	20000	-31.64	PASS
Band2	10MHz	18650	16QAM	1	0	Low	0.009	0.15	-47.56	PASS
Band2	10MHz	18650	16QAM	1	0	Low	0.15	30	-42.8	PASS
Band2	10MHz	18650	16QAM	1	0	Low	30	1000	-35.15	PASS
Band2	10MHz	18650	16QAM	1	0	Low	1000	10000	-36.48	PASS
Band2	10MHz	18650	16QAM	1	0	Low	10000	20000	-32.06	PASS
Band2	10MHz	18900	16QAM	1	0	Low	0.009	0.15	-46.97	PASS
Band2	10MHz	18900	16QAM	1	0	Low	0.15	30	-43.76	PASS
Band2	10MHz	18900	16QAM	1	0	Low	30	1000	-36.22	PASS
Band2	10MHz	18900	16QAM	1	0	Low	1000	10000	-35.87	PASS
Band2	10MHz	18900	16QAM	1	0	Low	10000	20000	-32.11	PASS
Band2	10MHz	19150	16QAM	1	0	High	0.009	0.15	-47.74	PASS
Band2	10MHz	19150	16QAM	1	0	High	0.15	30	-42.03	PASS
Band2	10MHz	19150	16QAM	1	0	High	30	1000	-36.04	PASS
Band2	10MHz	19150	16QAM	1	0	High	1000	10000	-35.46	PASS
Band2	10MHz	19150	16QAM	1	0	High	10000	20000	-31.97	PASS

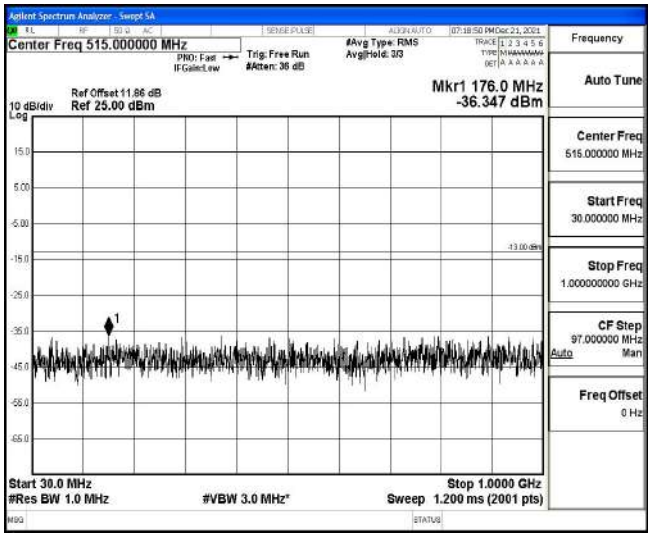
Test Graphs



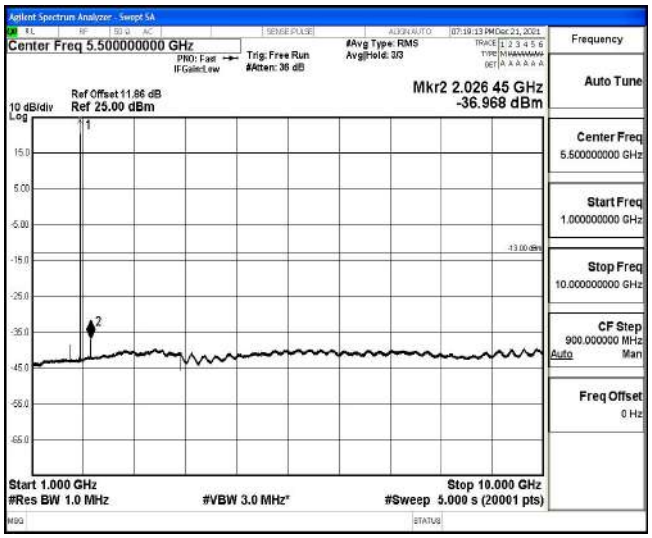
Band2-5MHz-QPSK-18625-1-0-Low-0.009-0.15--47.28-PASS



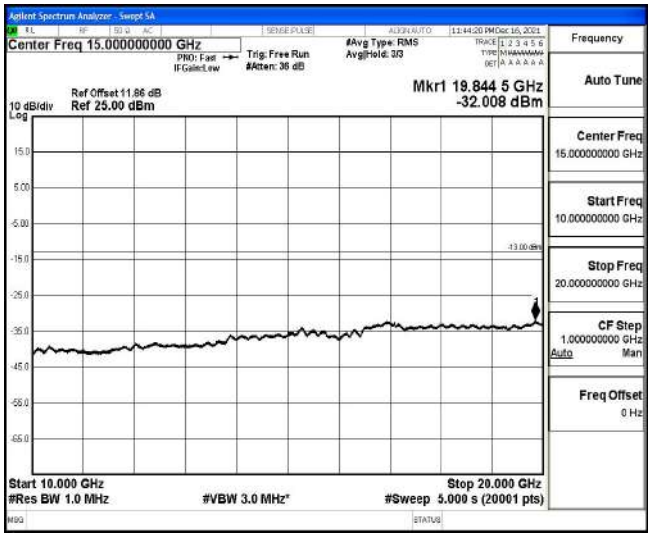
Band2-5MHz-QPSK-18625-1-0-Low-0.15-30--43.03-PASS



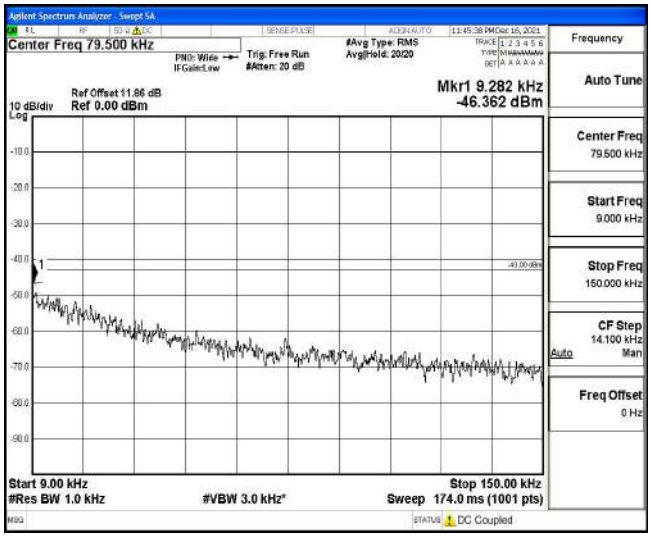
Band2-5MHz-QPSK-18625-1-0-Low-30-1000--36.35-PASS



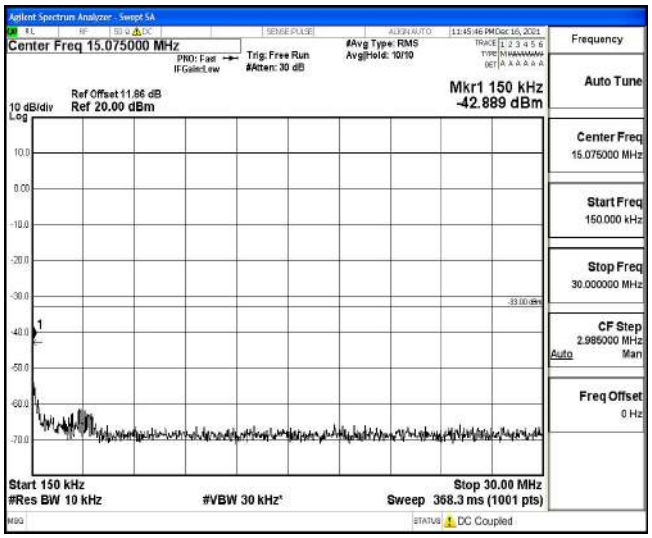
Band2-5MHz-QPSK-18625-1-0-Low-1000-10000--36.97-PASS



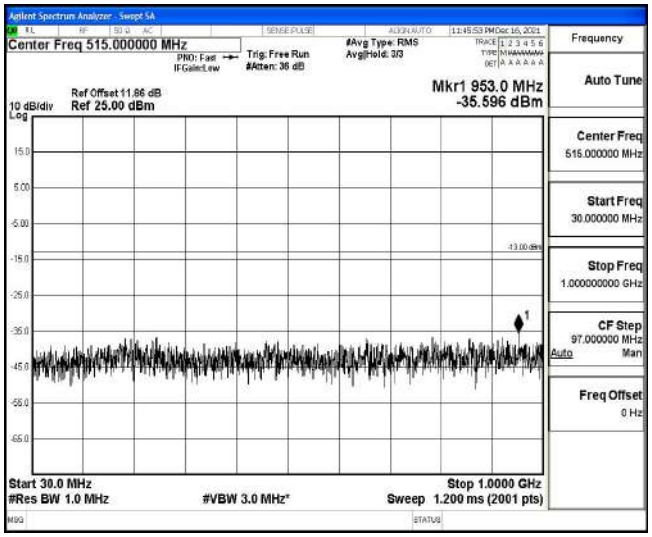
Band2-5MHz-QPSK-18625-1-0-Low-10000-20000--32.01-PASS



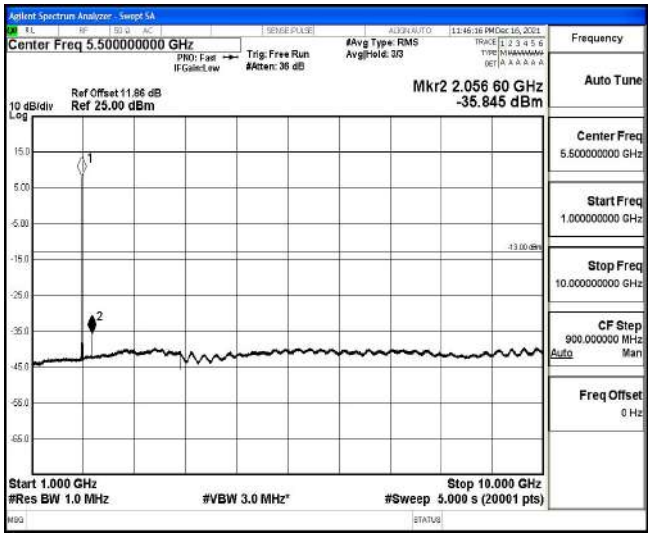
Band2-5MHz-QPSK-18900-1-0-Low-0.009-0.15--46.36-PASS



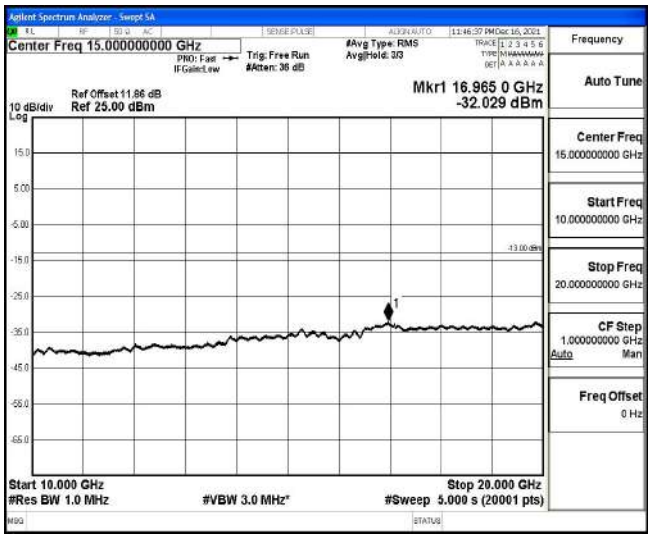
Band2-5MHz-QPSK-18900-1-0-Low-0.15-30--42.89-PASS



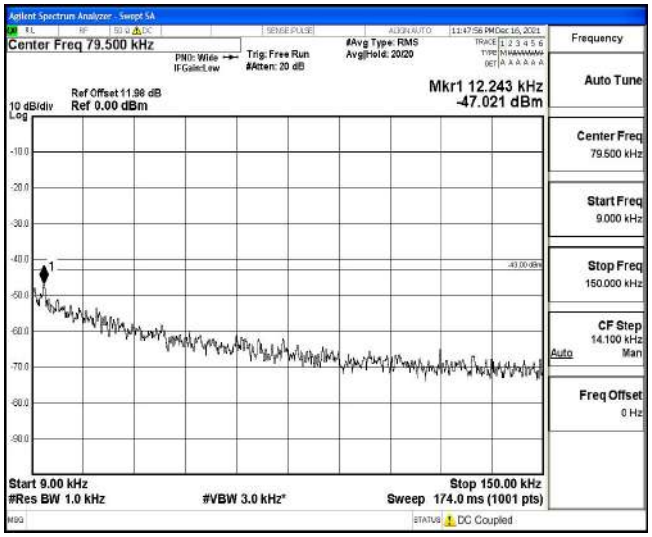
Band2-5MHz-QPSK-18900-1-0-Low-30-1000--35.6-PASS



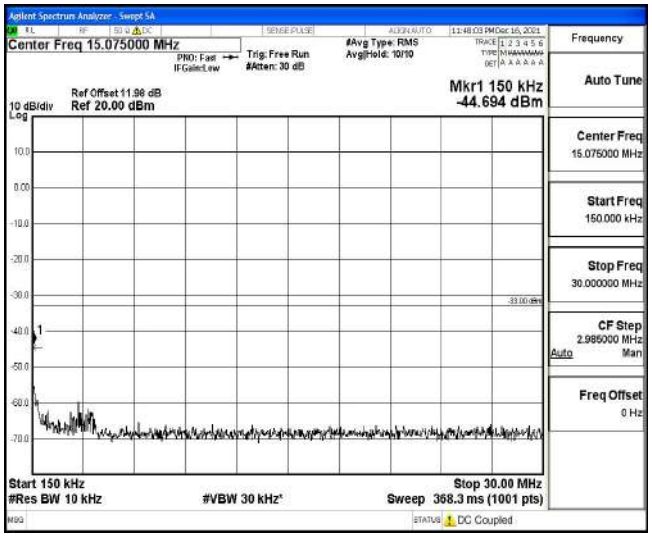
Band2-5MHz-QPSK-18900-1-0-Low-1000-10000--35.85-PASS



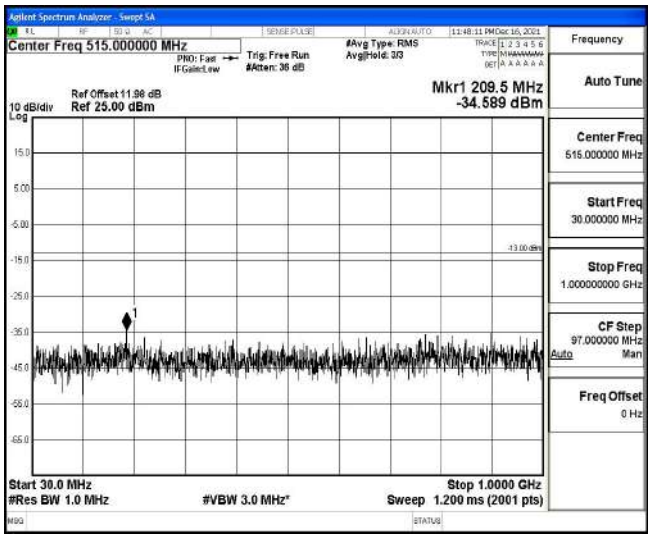
Band2-5MHz-QPSK-18900-1-0-Low-10000-20000--32.03-PASS



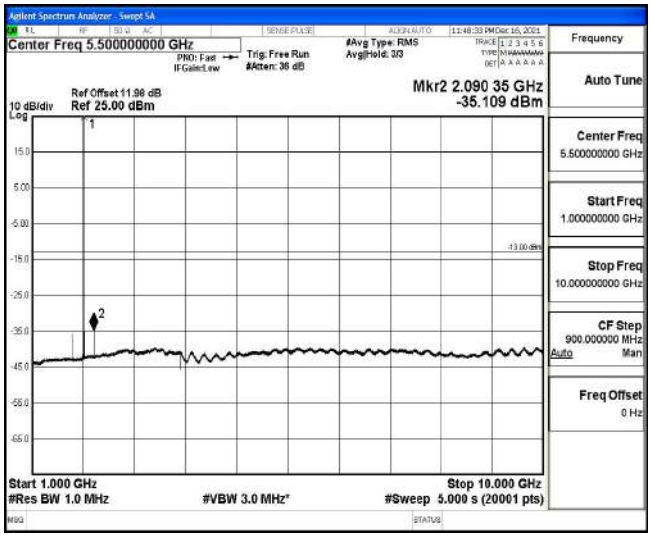
Band2-5MHz-QPSK-19175-1-0-High-0.009-0.15--47.02-PASS



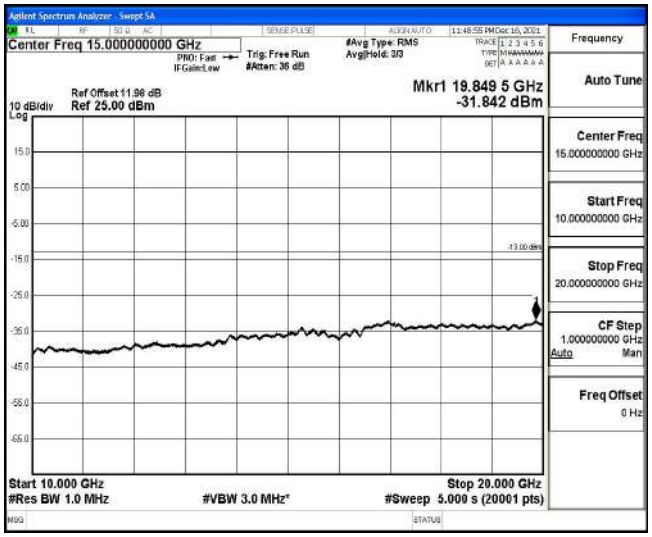
Band2-5MHz-QPSK-19175-1-0-High-0.15-30--44.69-PASS



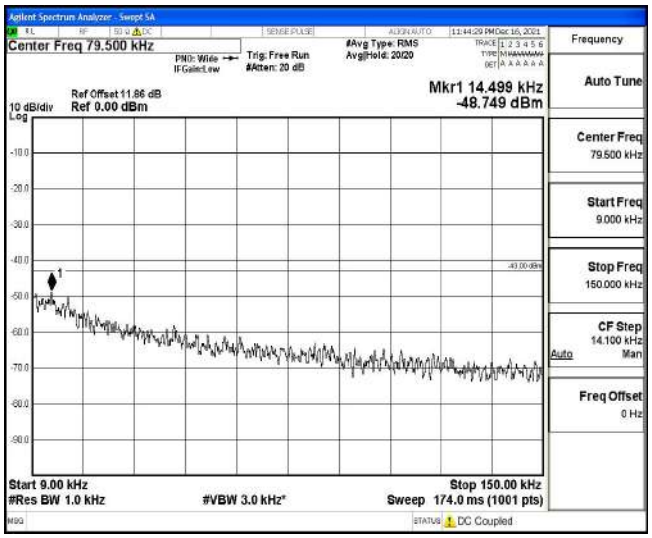
Band2-5MHz-QPSK-19175-1-0-High-30-1000--34.59-PASS



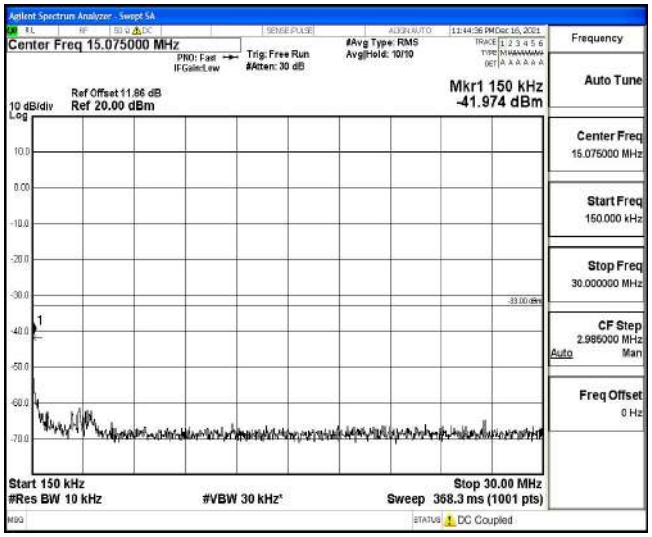
Band2-5MHz-QPSK-19175-1-0-High-1000-10000--35.11-PASS



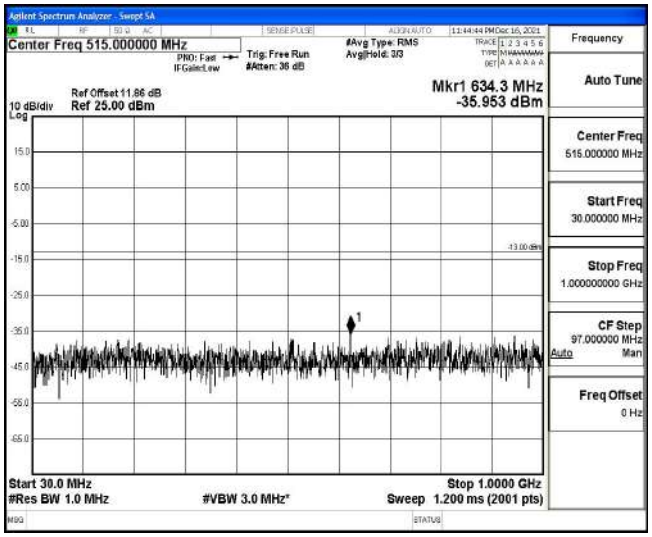
Band2-5MHz-QPSK-19175-1-0-High-10000-20000--31.84-PASS



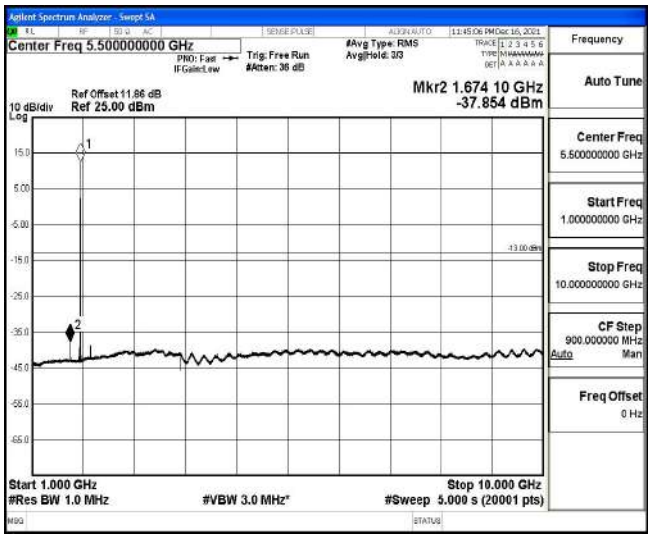
Band2-5MHz-16QAM-18625-1-0-Low-0.009-0.15--48.75-PASS



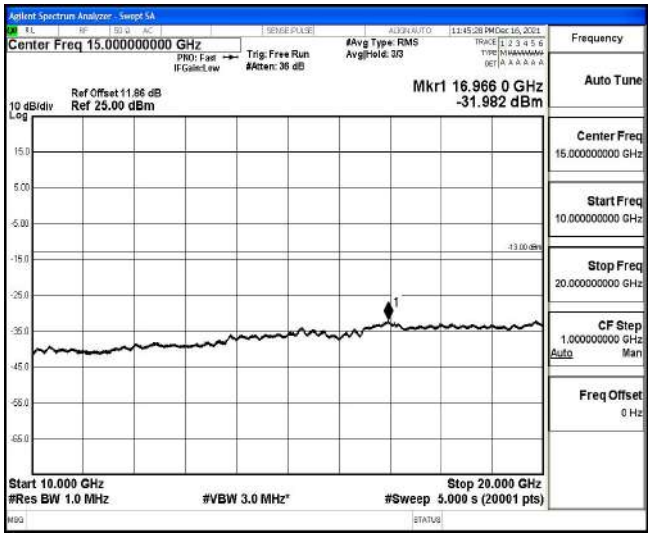
Band2-5MHz-16QAM-18625-1-0-Low-0.15-30--41.97-PASS



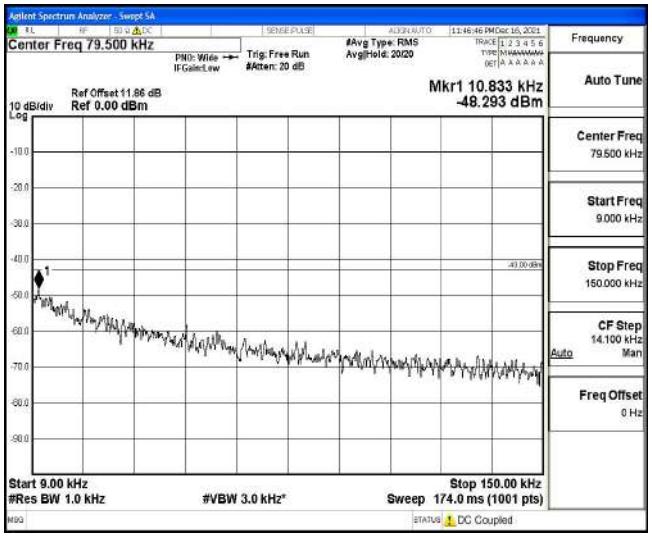
Band2-5MHz-16QAM-18625-1-0-Low-30-1000--35.95-PASS



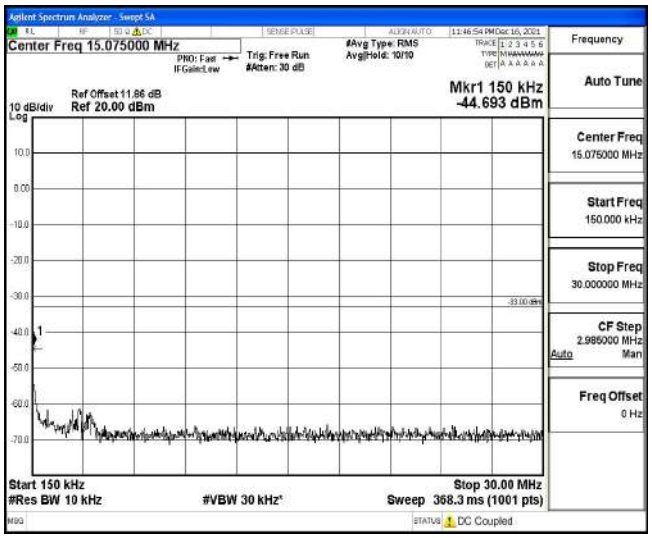
Band2-5MHz-16QAM-18625-1-0-Low-1000-10000--37.85-PASS



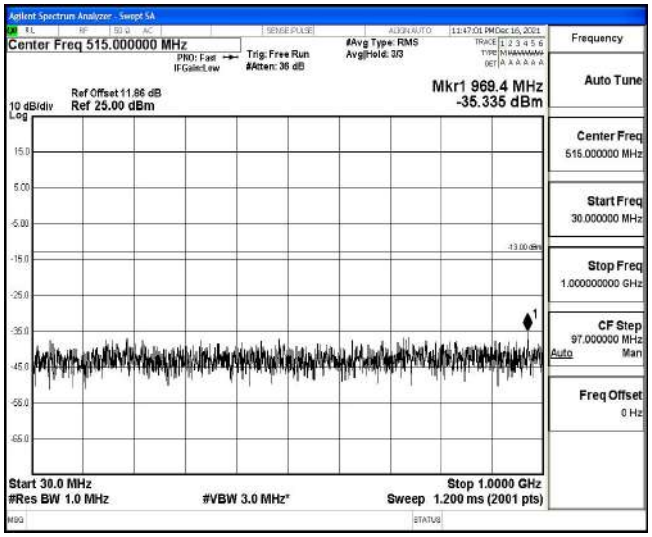
Band2-5MHz-16QAM-18625-1-0-Low-10000-20000--31.98-PASS



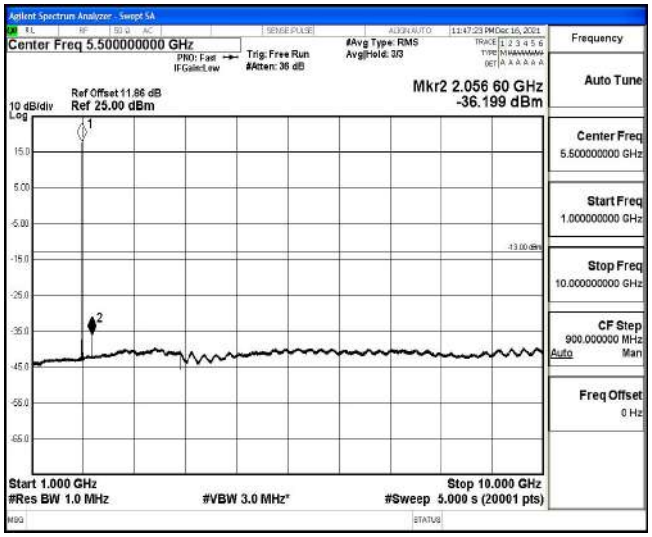
Band2-5MHz-16QAM-18900-1-0-Low-0.009-0.15--48.29-PASS



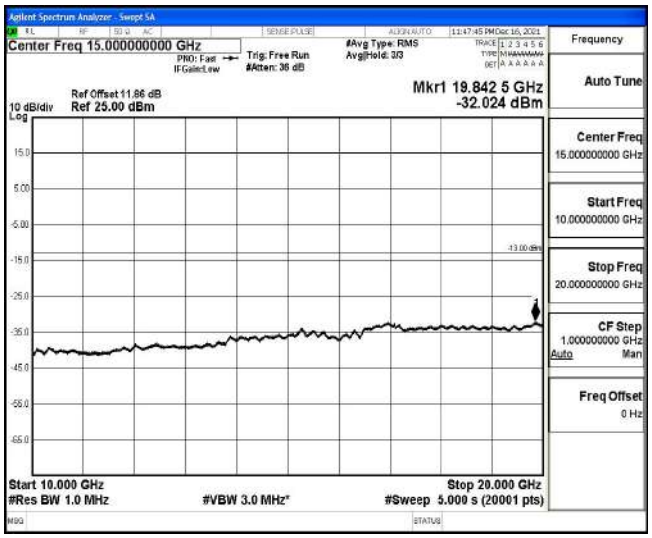
Band2-5MHz-16QAM-18900-1-0-Low-0.15-30--44.69-PASS



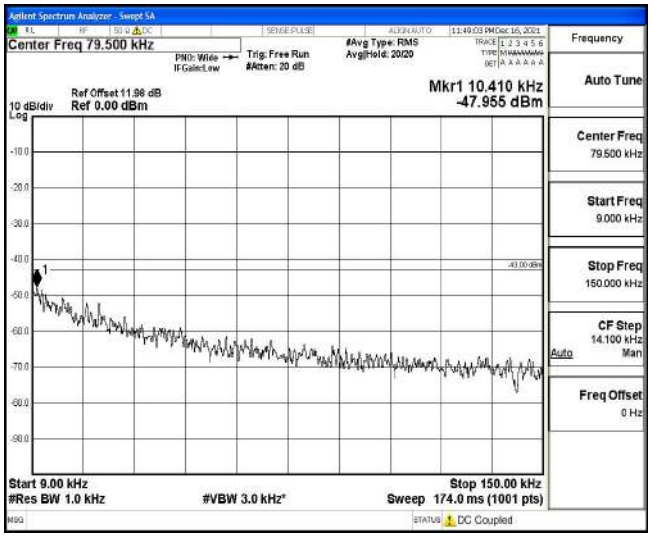
Band2-5MHz-16QAM-18900-1-0-Low-30-1000--35.34-PASS



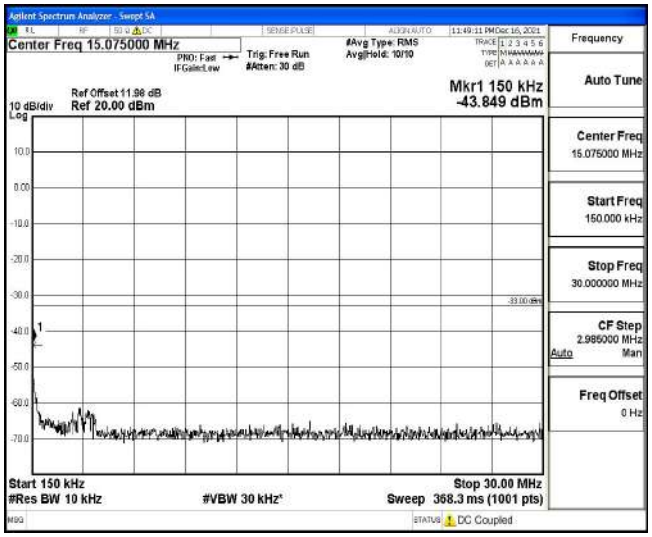
Band2-5MHz-16QAM-18900-1-0-Low-1000-10000--36.2-PASS



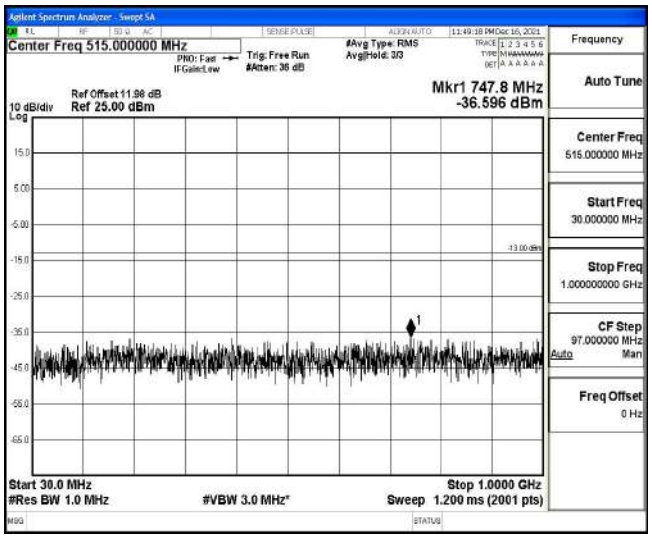
Band2-5MHz-16QAM-18900-1-0-Low-10000-20000--32.02-PASS



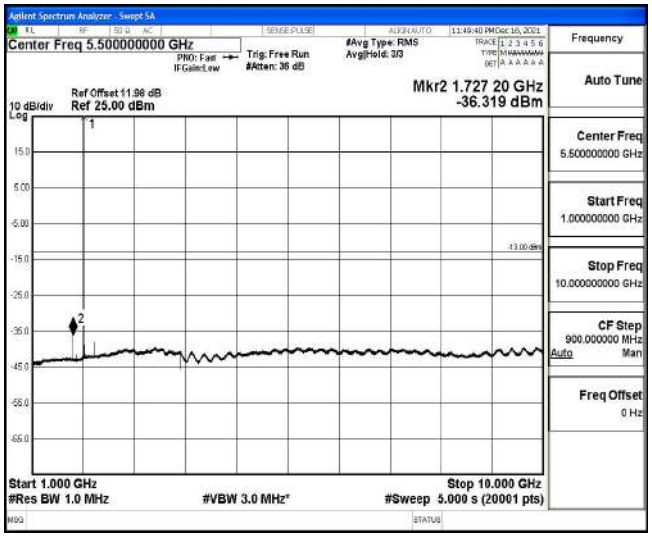
Band2-5MHz-16QAM-19175-1-0-High-0.009-0.15--47.96-PASS



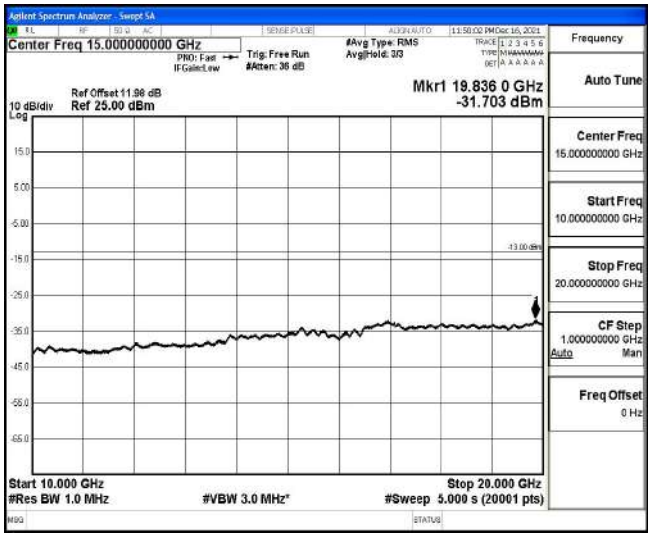
Band2-5MHz-16QAM-19175-1-0-High-0.15-30--43.85-PASS



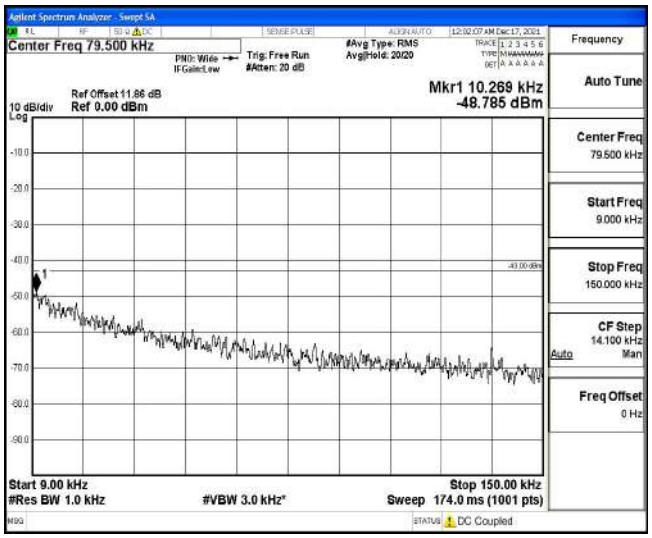
Band2-5MHz-16QAM-19175-1-0-High-30-1000--36.6-PASS



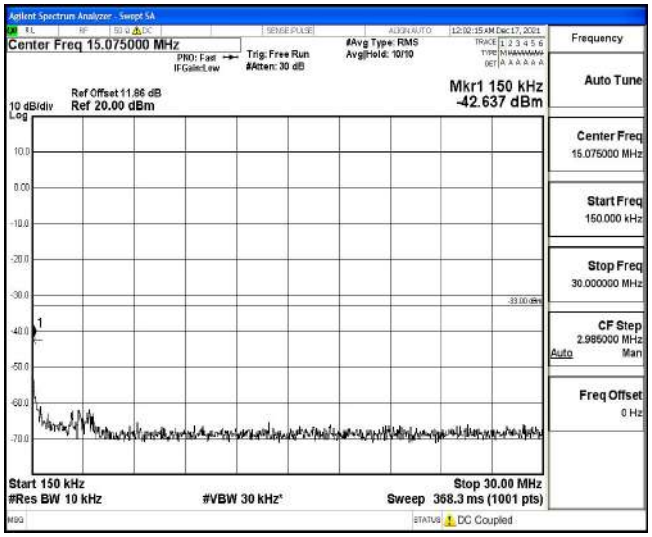
Band2-5MHz-16QAM-19175-1-0-High-1000-10000--36.32-PASS



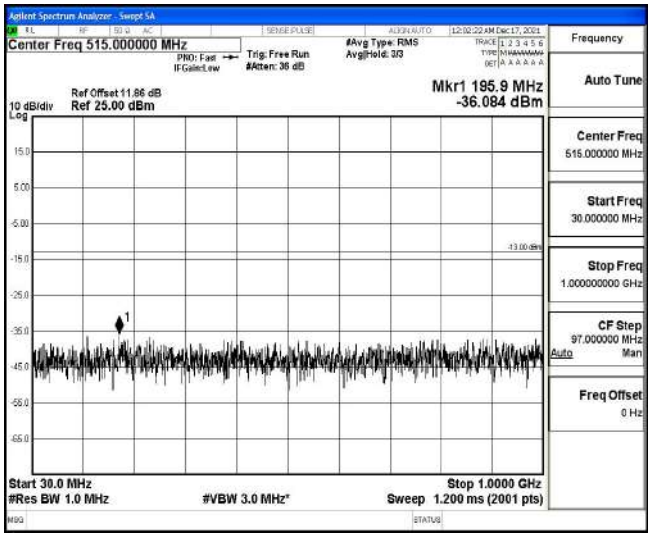
Band2-5MHz-16QAM-19175-1-0-High-10000-20000--31.7-PASS



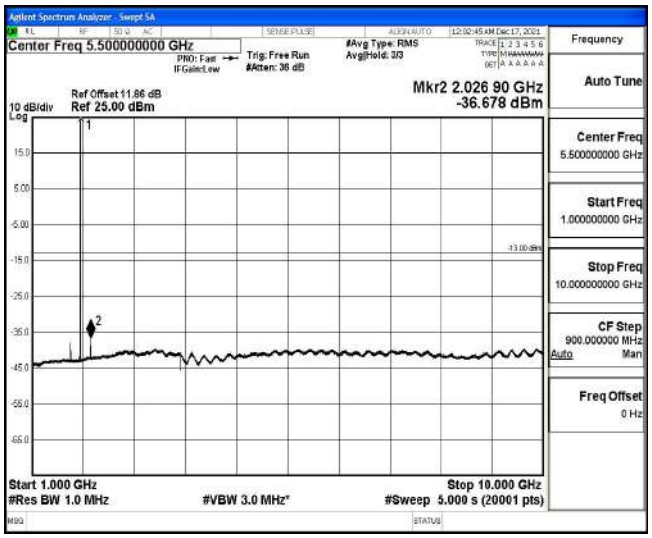
Band2-10MHz-QPSK-18650-1-0-Low-0.009-0.15--48.79-PASS



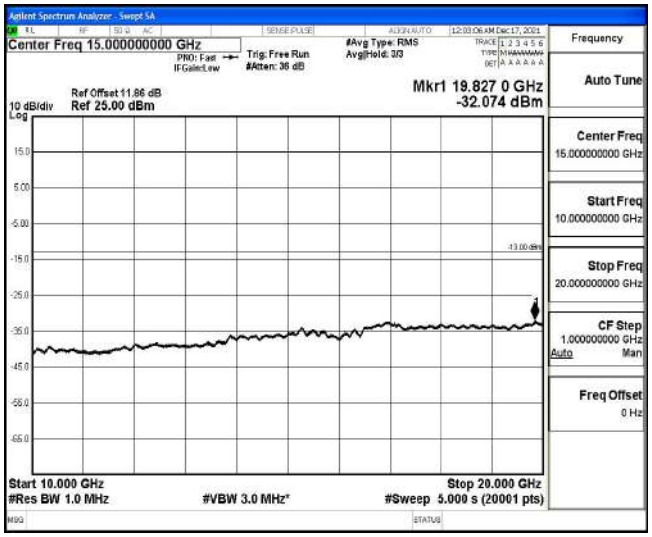
Band2-10MHz-QPSK-18650-1-0-Low-0.15-30--42.64-PASS



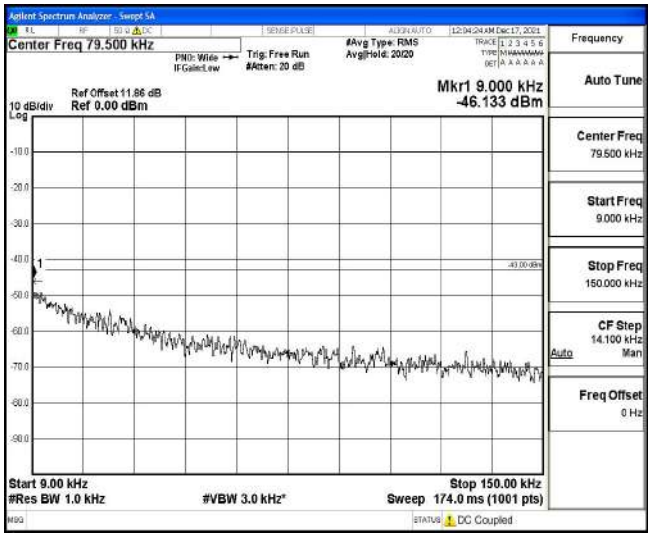
Band2-10MHz-QPSK-18650-1-0-Low-30-1000--36.08-PASS



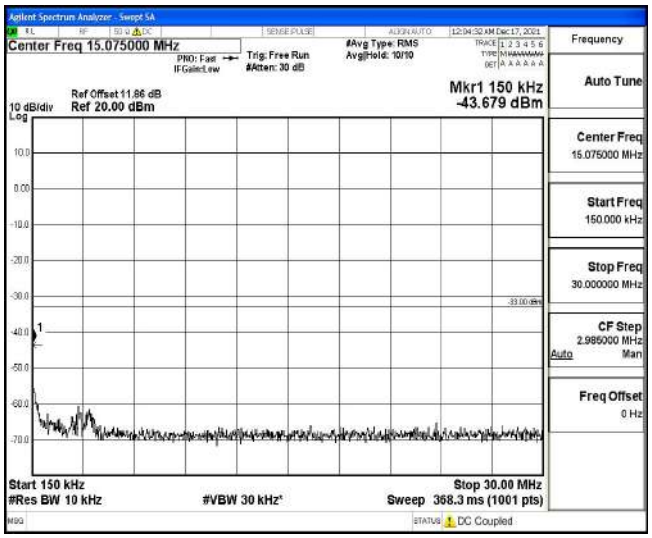
Band2-10MHz-QPSK-18650-1-0-Low-1000-10000--36.68-PASS



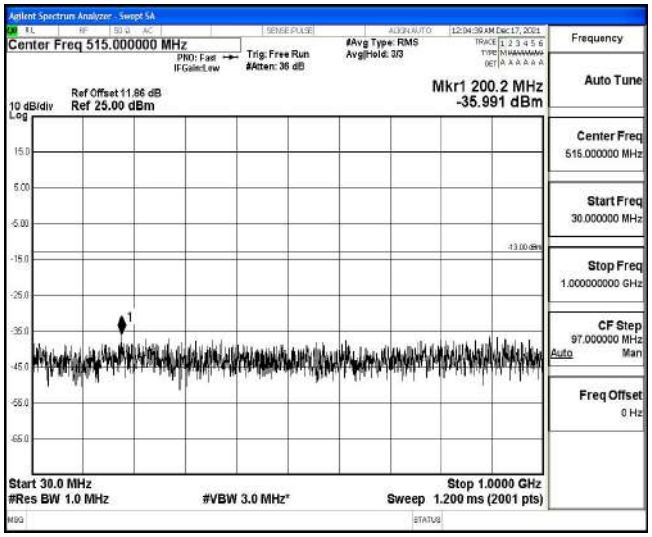
Band2-10MHz-QPSK-18650-1-0-Low-10000-20000--32.07-PASS



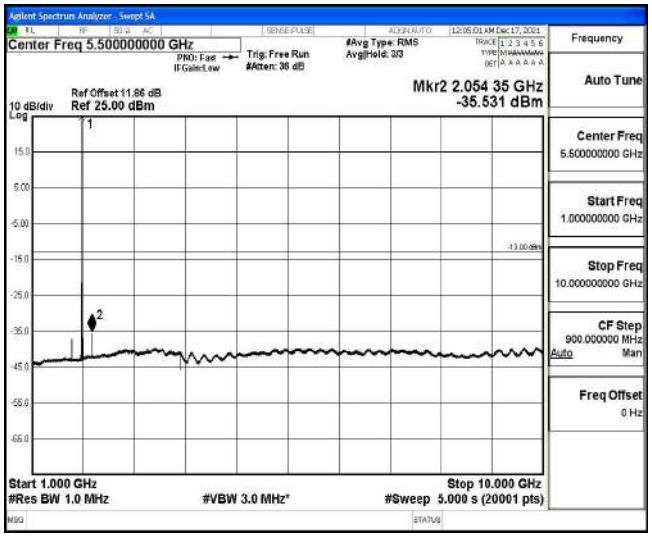
Band2-10MHz-QPSK-18900-1-0-Low-0.009-0.15--46.13-PASS



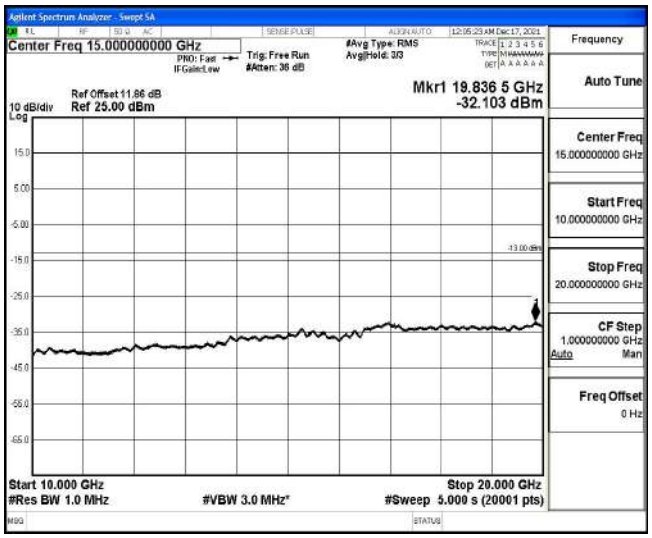
Band2-10MHz-QPSK-18900-1-0-Low-0.15-30--43.68-PASS



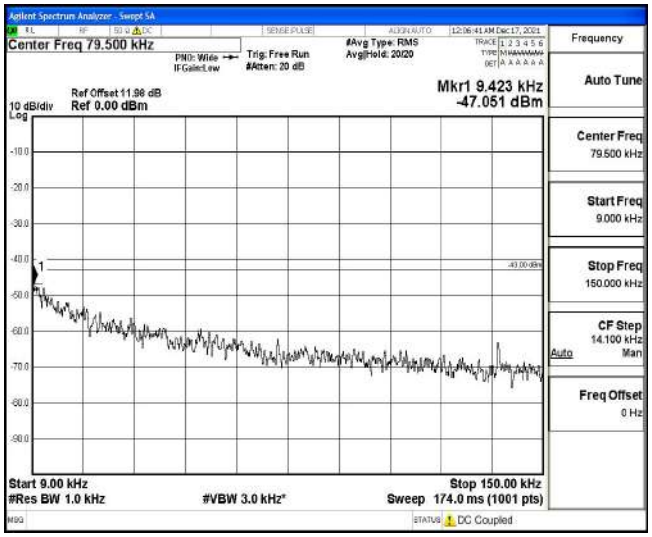
Band2-10MHz-QPSK-18900-1-0-Low-30-1000--35.99-PASS



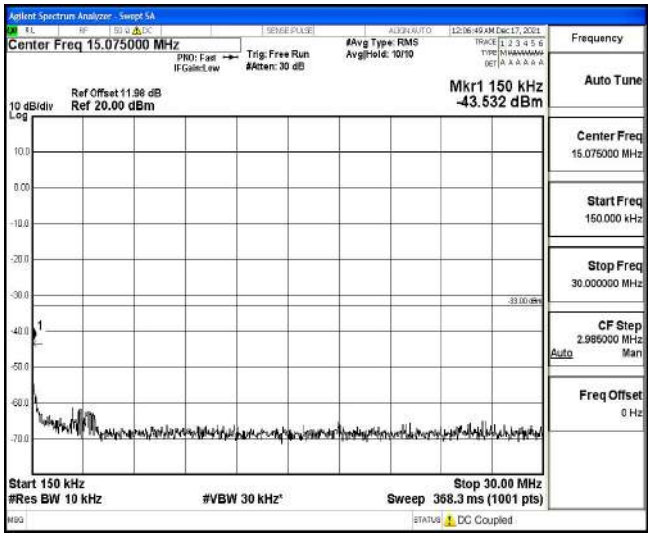
Band2-10MHz-QPSK-18900-1-0-Low-1000-10000--35.53-PASS



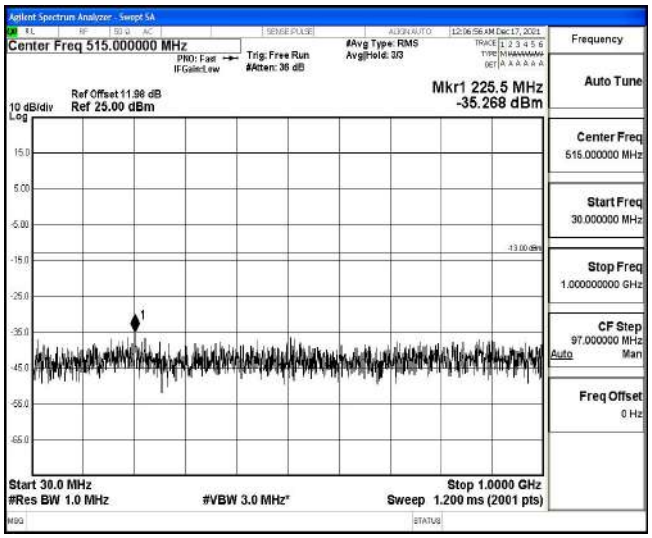
Band2-10MHz-QPSK-18900-1-0-Low-10000-20000--32.1-PASS



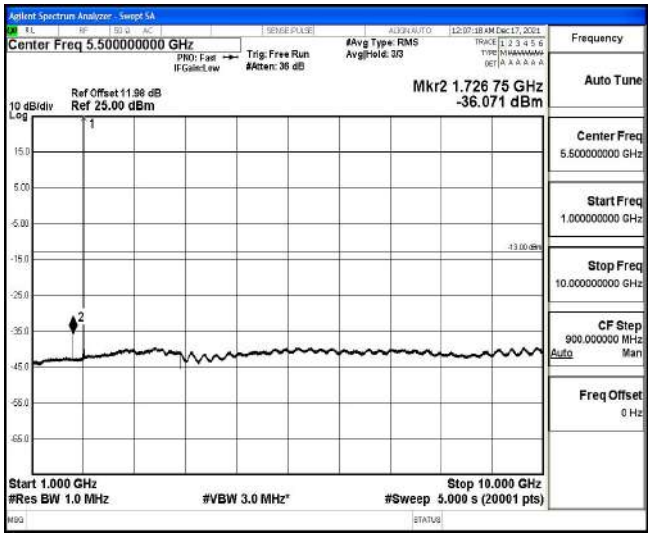
Band2-10MHz-QPSK-19150-1-0-High-0.009-0.15--47.05-PASS



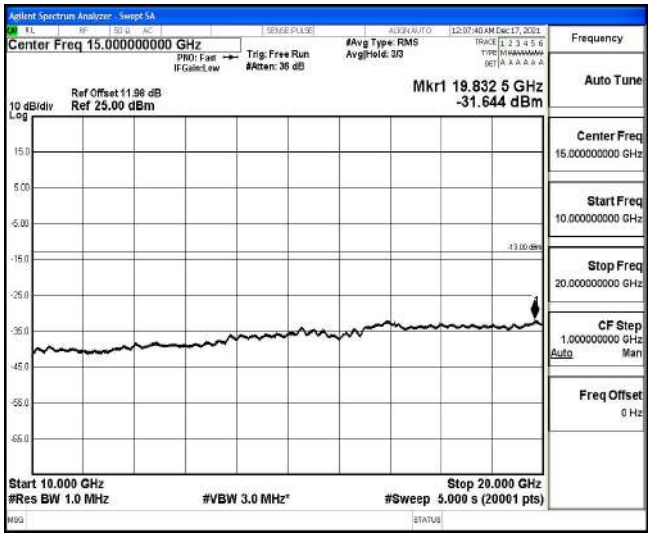
Band2-10MHz-QPSK-19150-1-0-High-0.15-30--43.53-PASS



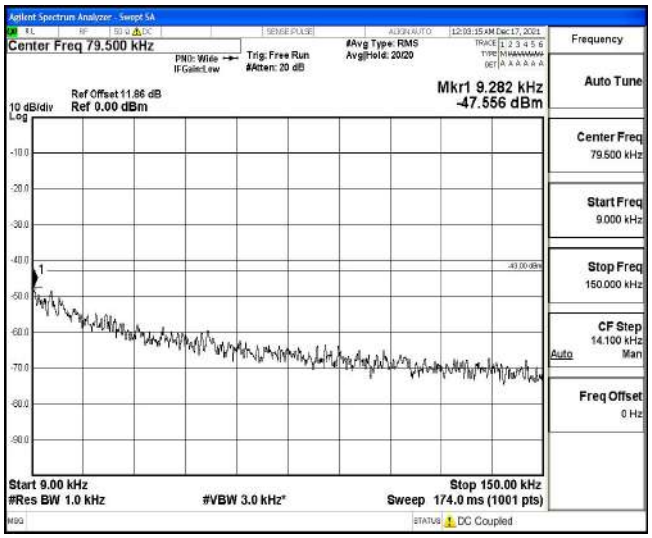
Band2-10MHz-QPSK-19150-1-0-High-30-1000--35.27-PASS



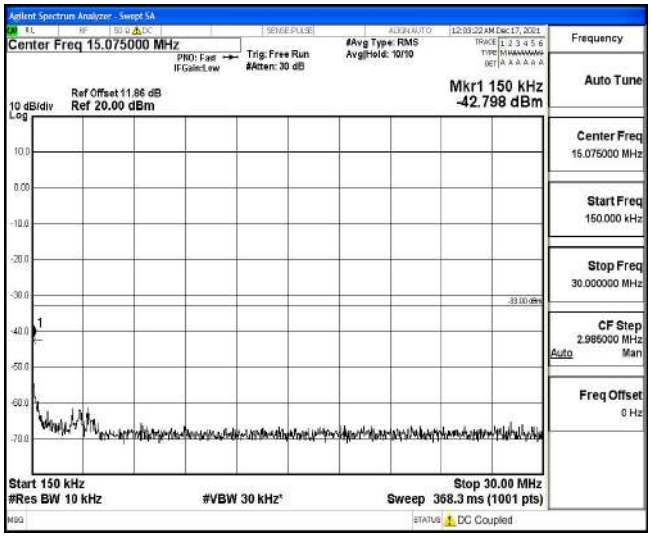
Band2-10MHz-QPSK-19150-1-0-High-1000-10000--36.07-PASS



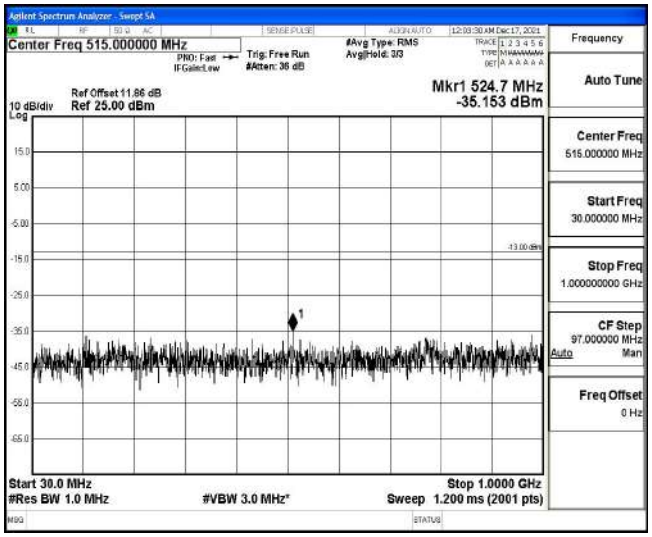
Band2-10MHz-QPSK-19150-1-0-High-10000-20000--31.64-PASS



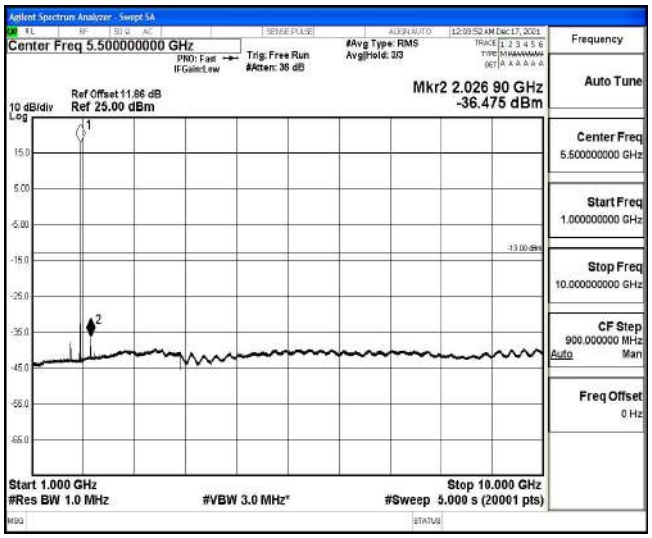
Band2-10MHz-16QAM-18650-1-0-Low-0.009-0.15--47.56-PASS



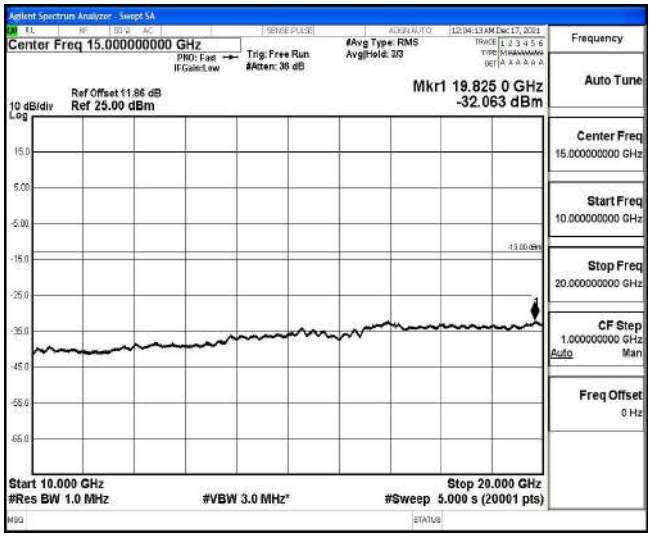
Band2-10MHz-16QAM-18650-1-0-Low-0.15-30--42.8-PASS



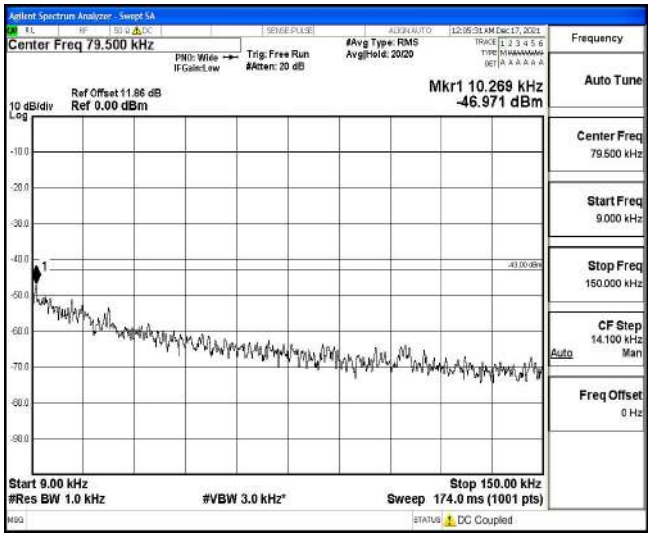
Band2-10MHz-16QAM-18650-1-0-Low-30-1000--35.15-PASS



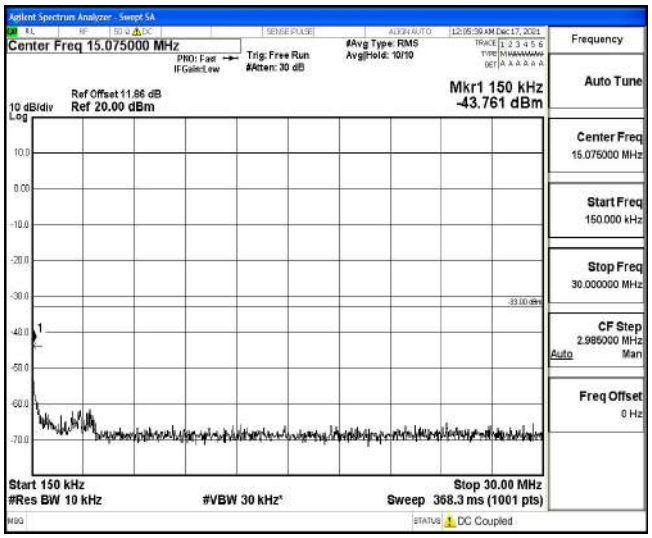
Band2-10MHz-16QAM-18650-1-0-Low-1000-10000--36.48-PASS



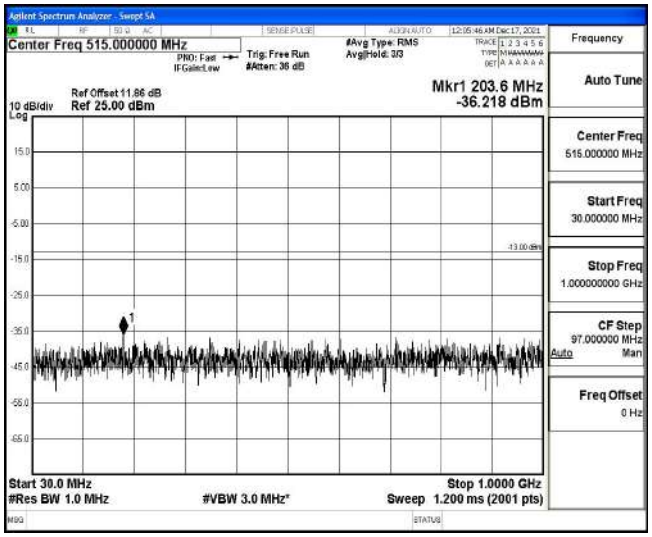
Band2-10MHz-16QAM-18650-1-0-Low-10000-20000--32.06-PASS



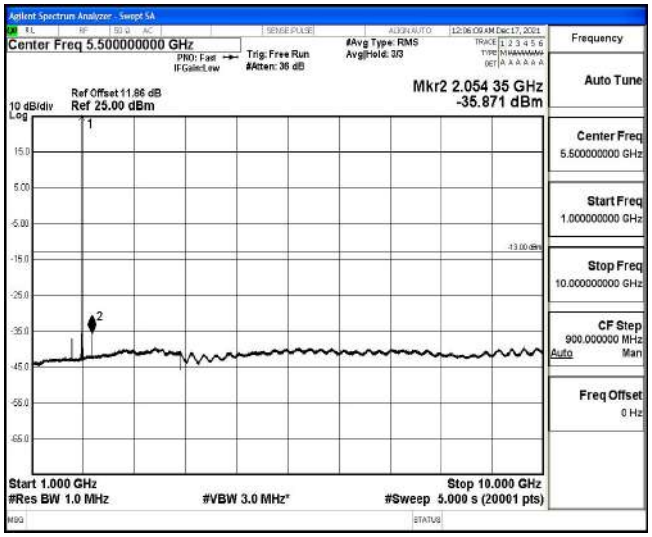
Band2-10MHz-16QAM-18900-1-0-Low-0.009-0.15--46.97-PASS



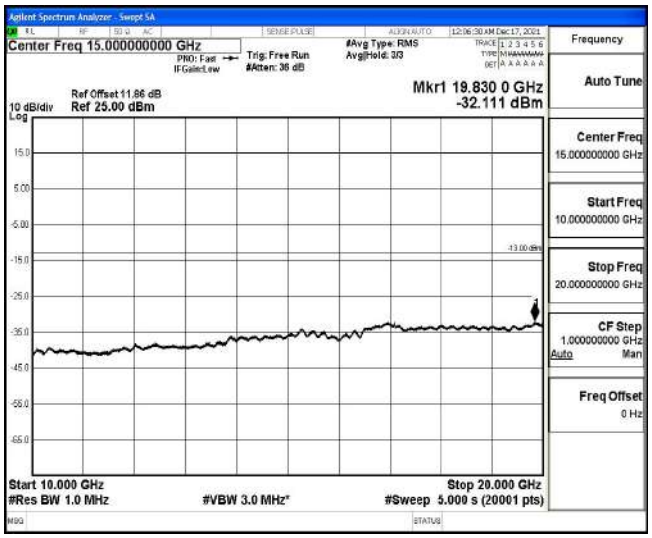
Band2-10MHz-16QAM-18900-1-0-Low-0.15-30--43.76-PASS



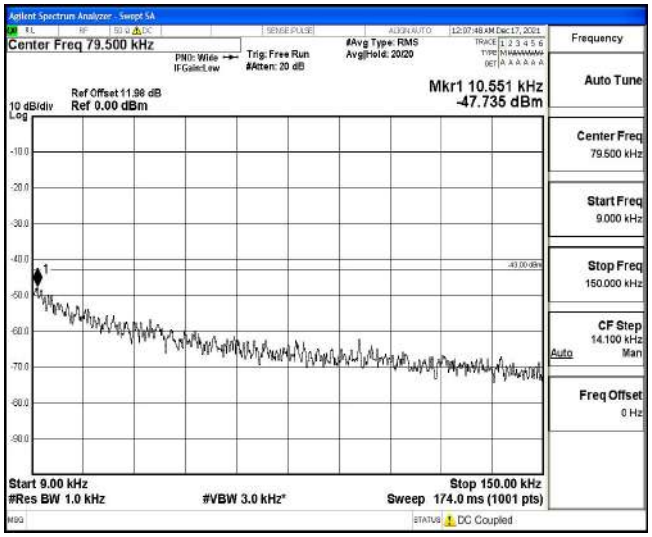
Band2-10MHz-16QAM-18900-1-0-Low-30-1000--36.22-PASS



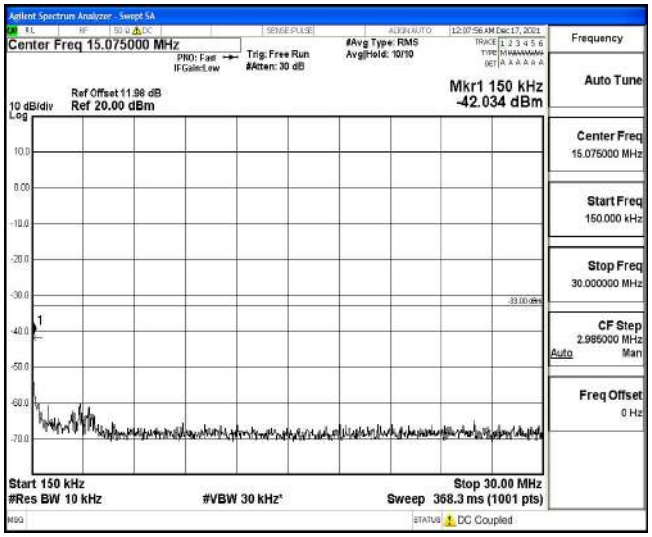
Band2-10MHz-16QAM-18900-1-0-Low-1000-10000--35.87-PASS



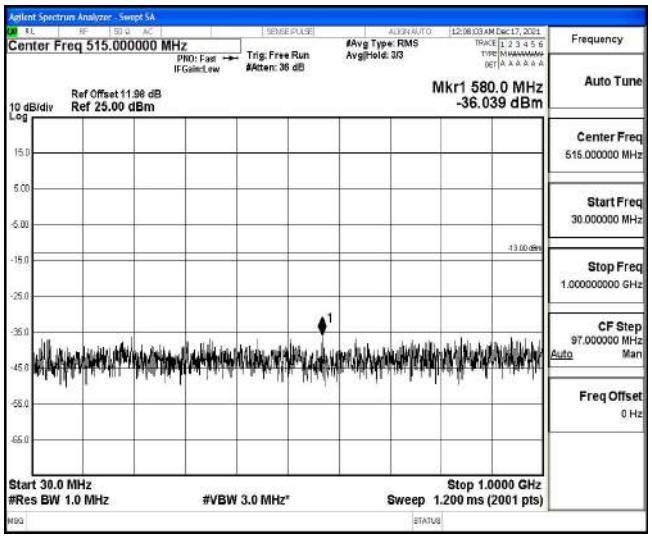
Band2-10MHz-16QAM-18900-1-0-Low-10000-20000--32.11-PASS



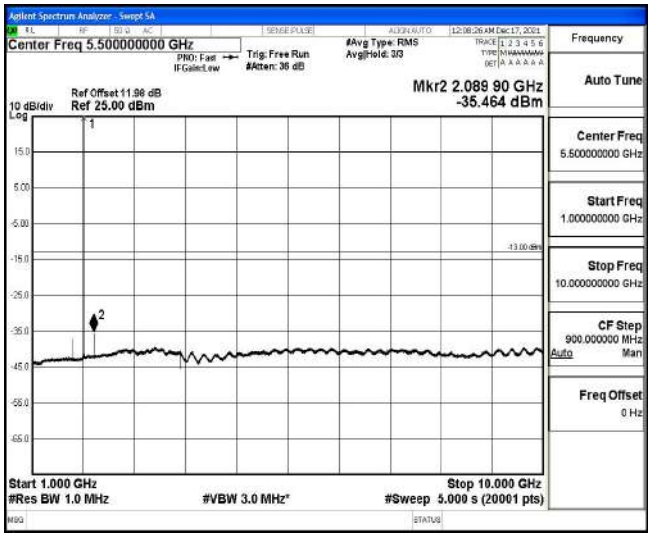
Band2-10MHz-16QAM-19150-1-0-High-0.009-0.15--47.74-PASS



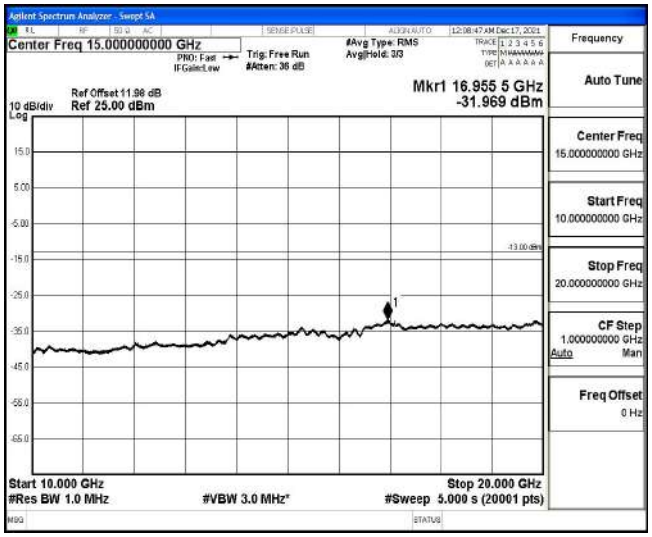
Band2-10MHz-16QAM-19150-1-0-High-0.15-30--42.03-PASS



Band2-10MHz-16QAM-19150-1-0-High-30-1000--36.04-PASS



Band2-10MHz-16QAM-19150-1-0-High-1000-10000--35.46-PASS



Band2-10MHz-16QAM-19150-1-0-High-10000-20000--31.97-PASS