Appendix H Test Data for E-UTRA Band 66

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

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

Test Result

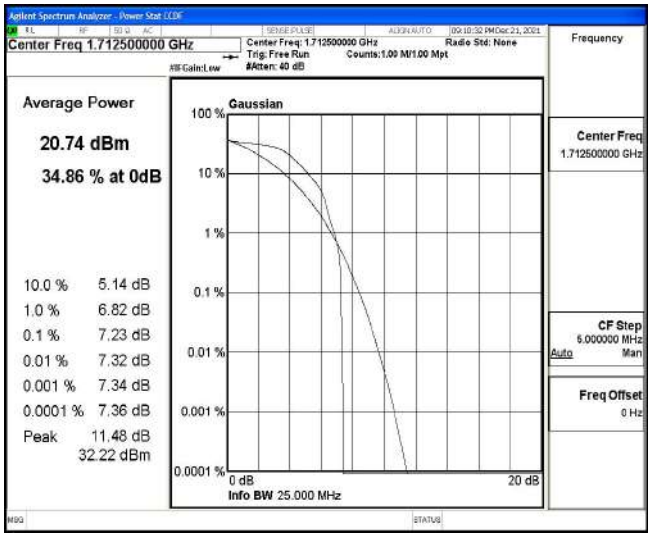
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dBm)	Verdict
Band66	5MHz	131997	QPSK	1	0	Low	20.82	PASS
Band66	5MHz	131997	QPSK	1	5	Low	20.67	PASS
Band66	5MHz	131997	QPSK	6	0	Low	22.47	PASS
Band66	5MHz	132322	QPSK	1	0	Low	20.68	PASS
Band66	5MHz	132322	QPSK	1	5	Low	20.62	PASS
Band66	5MHz	132322	QPSK	6	0	Low	22.49	PASS
Band66	5MHz	132647	QPSK	1	0	High	20.40	PASS
Band66	5MHz	132647	QPSK	1	5	High	20.42	PASS
Band66	5MHz	132647	QPSK	6	0	High	22.18	PASS
Band66	5MHz	131997	16QAM	1	0	Low	20.88	PASS
Band66	5MHz	131997	16QAM	1	5	Low	20.79	PASS
Band66	5MHz	131997	16QAM	6	0	Low	21.40	PASS
Band66	5MHz	132322	16QAM	1	0	Low	20.64	PASS
Band66	5MHz	132322	16QAM	1	5	Low	20.65	PASS
Band66	5MHz	132322	16QAM	6	0	Low	21.36	PASS
Band66	5MHz	132647	16QAM	1	0	High	20.62	PASS
Band66	5MHz	132647	16QAM	1	5	High	20.55	PASS
Band66	5MHz	132647	16QAM	6	0	High	21.98	PASS
Band66	10MHz	132022	QPSK	1	0	Low	20.88	PASS
Band66	10MHz	132022	QPSK	1	5	Low	20.78	PASS
Band66	10MHz	132022	QPSK	6	0	Low	22.52	PASS
Band66	10MHz	132322	QPSK	1	0	Low	20.78	PASS
Band66	10MHz	132322	QPSK	1	5	Low	20.72	PASS
Band66	10MHz	132322	QPSK	6	0	Low	21.50	PASS
Band66	10MHz	132622	QPSK	1	0	High	21.24	PASS
Band66	10MHz	132622	QPSK	1	5	High	20.45	PASS
Band66	10MHz	132622	QPSK	6	0	High	22.26	PASS
Band66	10MHz	132022	16QAM	1	0	Low	20.80	PASS
Band66	10MHz	132022	16QAM	1	5	Low	20.82	PASS
Band66	10MHz	132022	16QAM	6	0	Low	22.33	PASS
Band66	10MHz	132322	16QAM	1	0	Low	20.81	PASS
Band66	10MHz	132322	16QAM	1	5	Low	20.74	PASS
Band66	10MHz	132322	16QAM	6	0	Low	21.34	PASS
Band66	10MHz	132622	16QAM	1	0	High	20.55	PASS
Band66	10MHz	132622	16QAM	1	5	High	20.57	PASS
Band66	10MHz	132622	16QAM	6	0	High	21.03	PASS

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

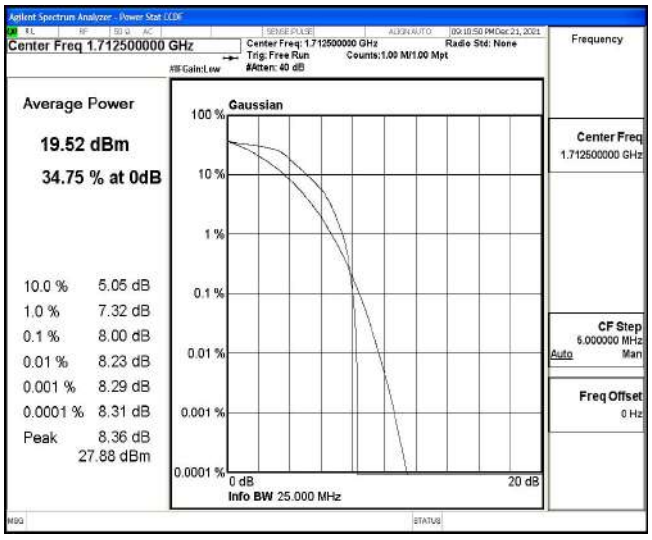
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NBIndex	Result(dB)	Limit(dB)	Verdict
Band66	5MHz	131997	QPSK	1	0	Low	7.23	<=13	PASS
Band66	5MHz	131997	QPSK	6	0	Low	8.00	<=13	PASS
Band66	5MHz	132322	QPSK	1	0	Low	9.55	<=13	PASS
Band66	5MHz	132322	QPSK	6	0	Low	8.84	<=13	PASS
Band66	5MHz	132647	QPSK	1	0	High	9.65	<=13	PASS
Band66	5MHz	132647	QPSK	6	0	High	10.27	<=13	PASS
Band66	5MHz	131997	16QAM	1	0	Low	8.33	<=13	PASS
Band66	5MHz	131997	16QAM	6	0	Low	10.48	<=13	PASS
Band66	5MHz	132322	16QAM	1	0	Low	8.65	<=13	PASS
Band66	5MHz	132322	16QAM	6	0	Low	9.16	<=13	PASS
Band66	5MHz	132647	16QAM	1	0	High	10.36	<=13	PASS
Band66	5MHz	132647	16QAM	6	0	High	9.08	<=13	PASS
Band66	10MHz	132022	QPSK	1	0	Low	8.59	<=13	PASS
Band66	10MHz	132022	QPSK	6	0	Low	9.13	<=13	PASS
Band66	10MHz	132322	QPSK	1	0	Low	7.44	<=13	PASS
Band66	10MHz	132322	QPSK	6	0	Low	9.64	<=13	PASS
Band66	10MHz	132622	QPSK	1	0	High	7.97	<=13	PASS
Band66	10MHz	132622	QPSK	6	0	High	10.86	<=13	PASS
Band66	10MHz	132022	16QAM	1	0	Low	8.72	<=13	PASS
Band66	10MHz	132022	16QAM	6	0	Low	7.79	<=13	PASS
Band66	10MHz	132322	16QAM	1	0	Low	9.51	<=13	PASS
Band66	10MHz	132322	16QAM	6	0	Low	9.34	<=13	PASS
Band66	10MHz	132622	16QAM	1	0	High	9.35	<=13	PASS
Band66	10MHz	132622	16QAM	6	0	High	9.68	<=13	PASS

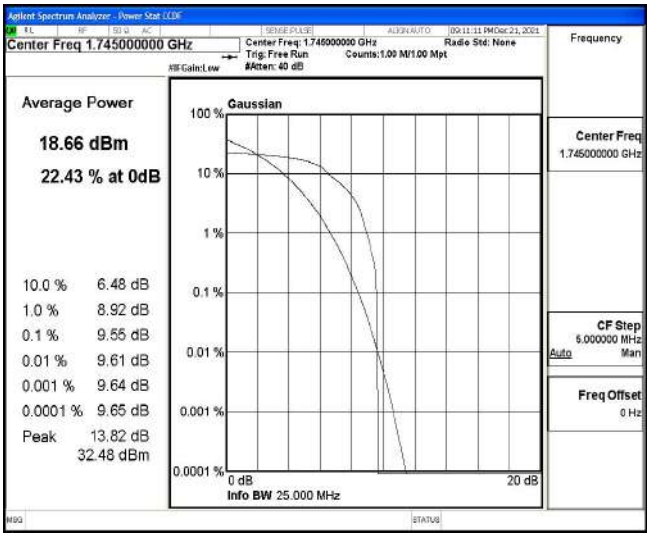
Test Graphs



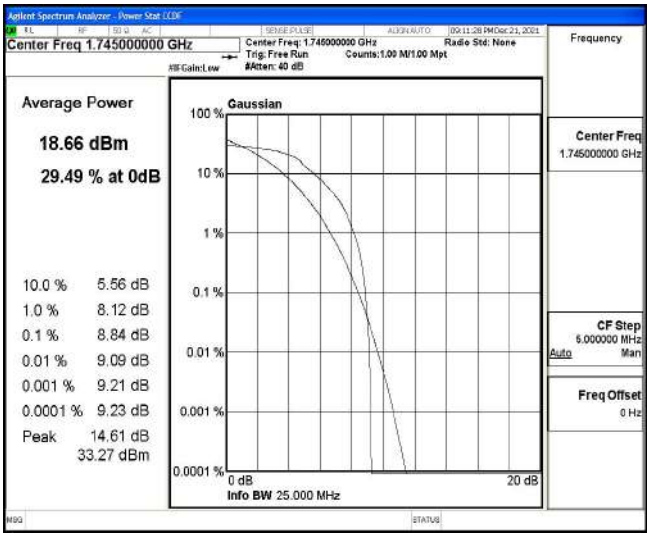
Band66-5MHz-QPSK-131997-1-0-Low-7.23-<=13-PASS



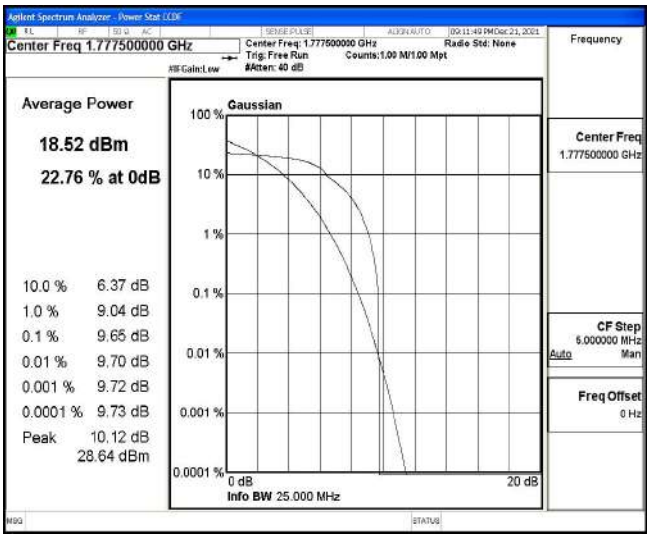
Band66-5MHz-QPSK-131997-6-0-Low-8.00-<=13-PASS



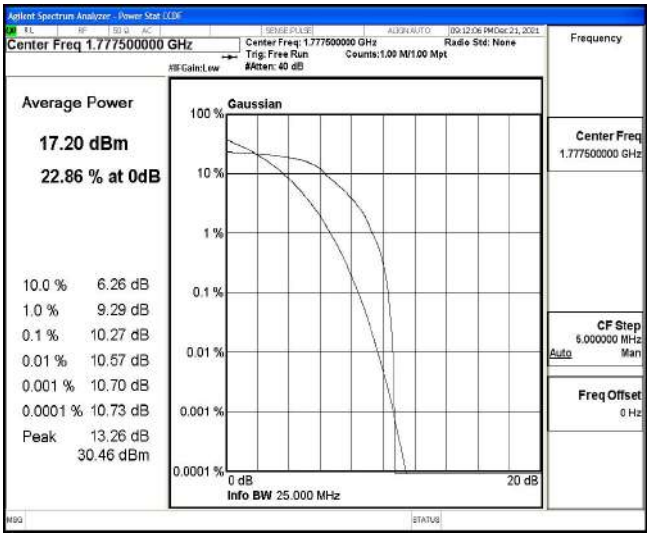
Band66-5MHz-QPSK-132322-1-0-Low-9.55-<=13-PASS



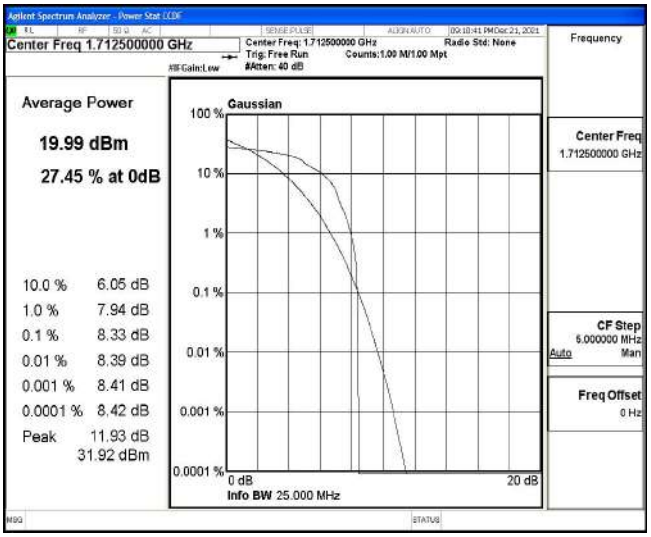
Band66-5MHz-QPSK-132322-6-0-Low-8.84-<=13-PASS



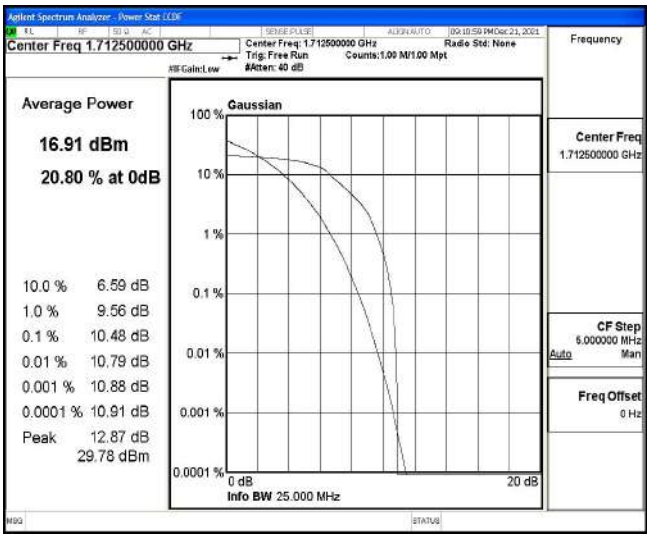
Band66-5MHz-QPSK-132647-1-0-High-9.65-<=13-PASS



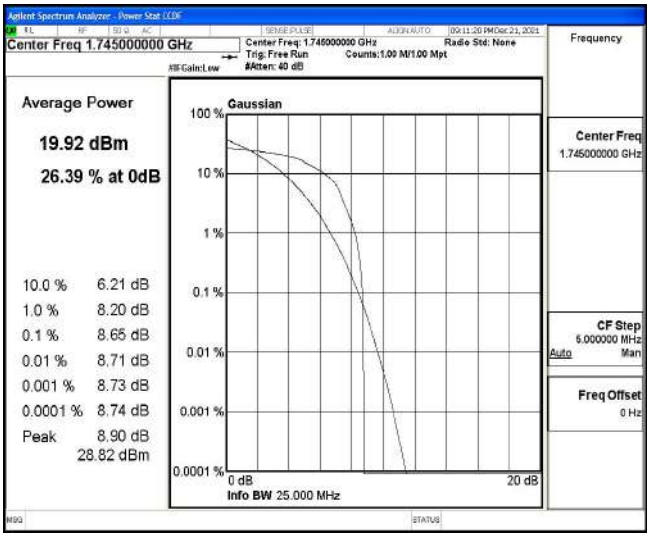
Band66-5MHz-QPSK-132647-6-0-High-10.27-<=13-PASS



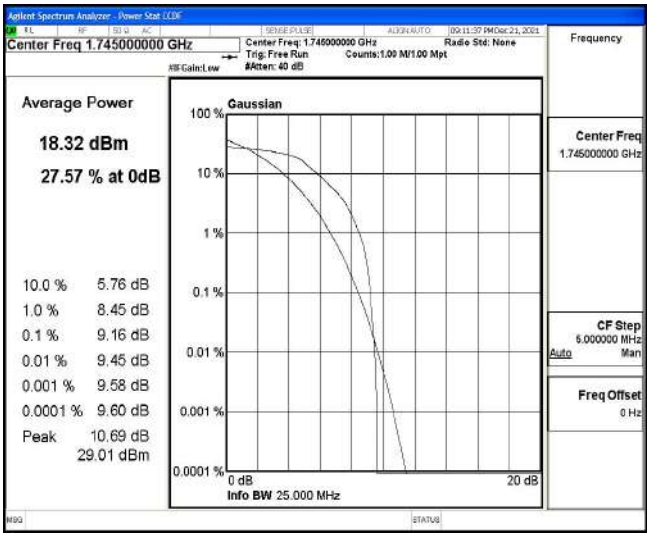
Band66-5MHz-16QAM-131997-1-0-Low-8.33-<=13-PASS



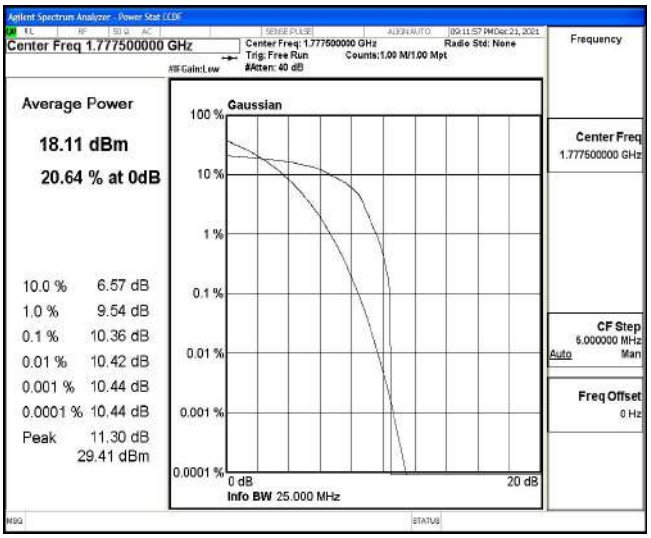
Band66-5MHz-16QAM-131997-6-0-Low-10.48-<=13-PASS



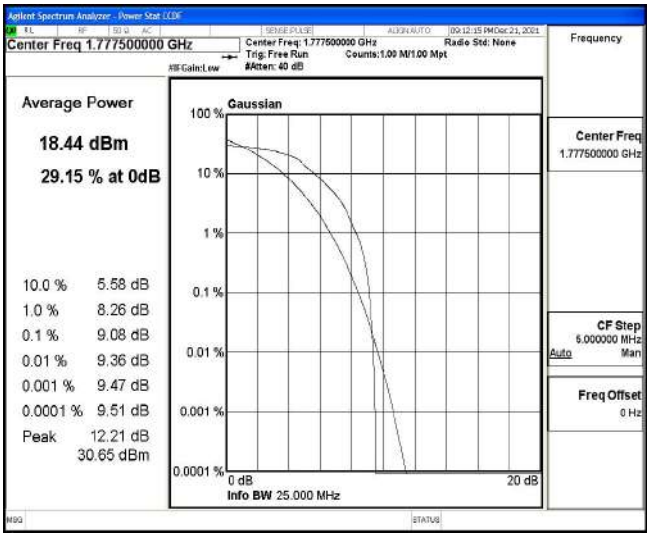
Band66-5MHz-16QAM-132322-1-0-Low-8.65-<=13-PASS



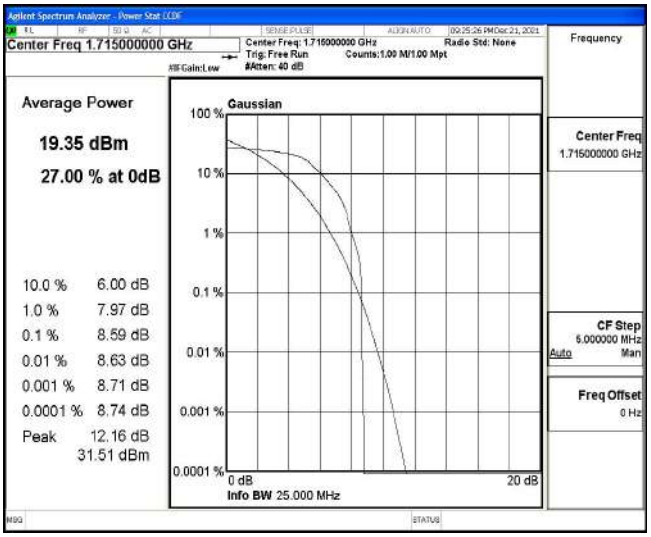
Band66-5MHz-16QAM-132322-6-0-Low-9.16-<=13-PASS



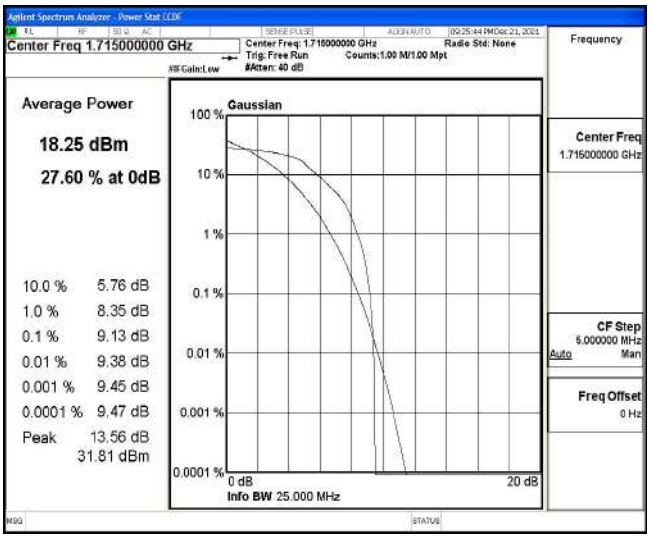
Band66-5MHz-16QAM-132647-1-0-High-10.36-<=13-PASS



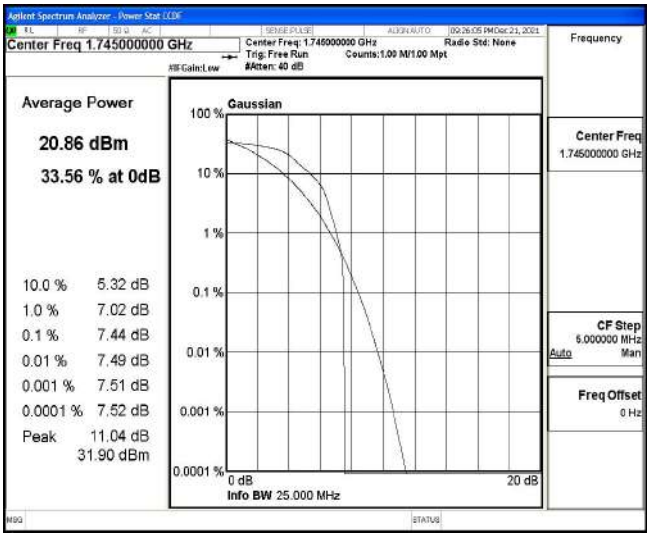
Band66-5MHz-16QAM-132647-6-0-High-9.08-<=13-PASS



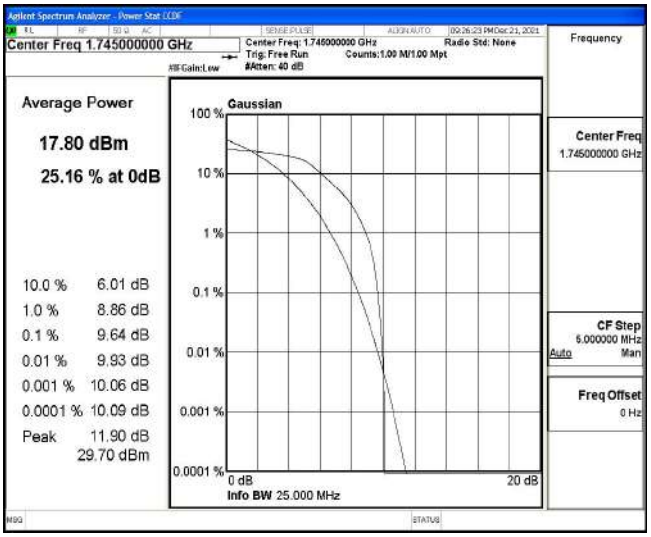
Band66-10MHz-QPSK-132022-1-0-Low-8.59-<=13-PASS



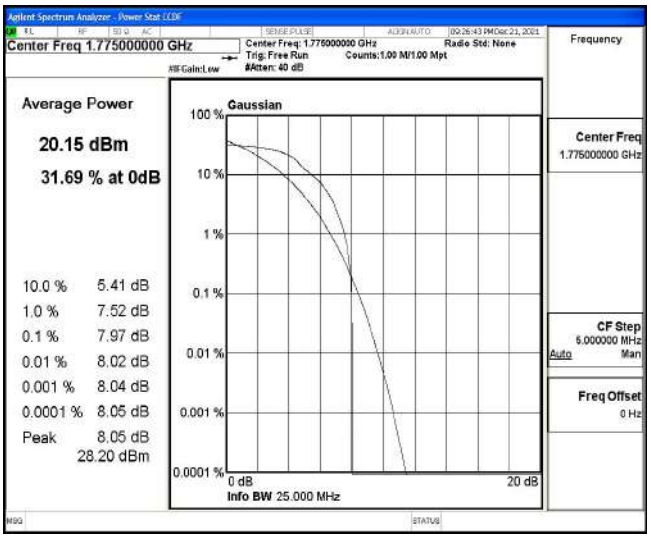
Band66-10MHz-QPSK-132022-6-0-Low-9.13-<=13-PASS



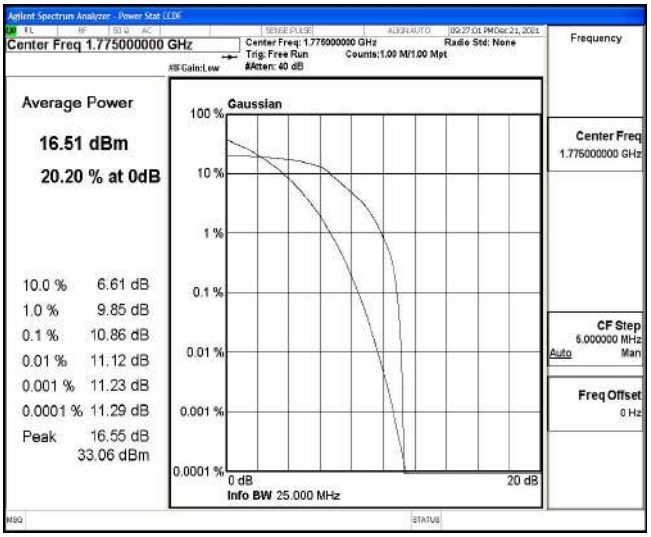
Band66-10MHz-QPSK-132322-1-0-Low-7.44-<=13-PASS



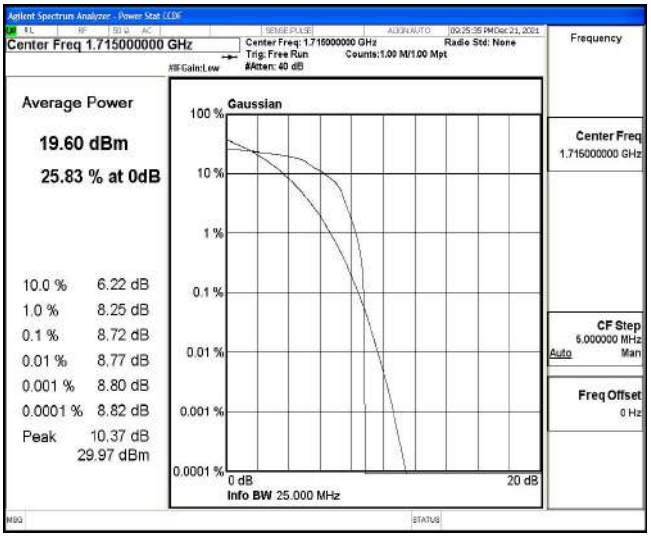
Band66-10MHz-QPSK-132322-6-0-Low-9.64-<=13-PASS



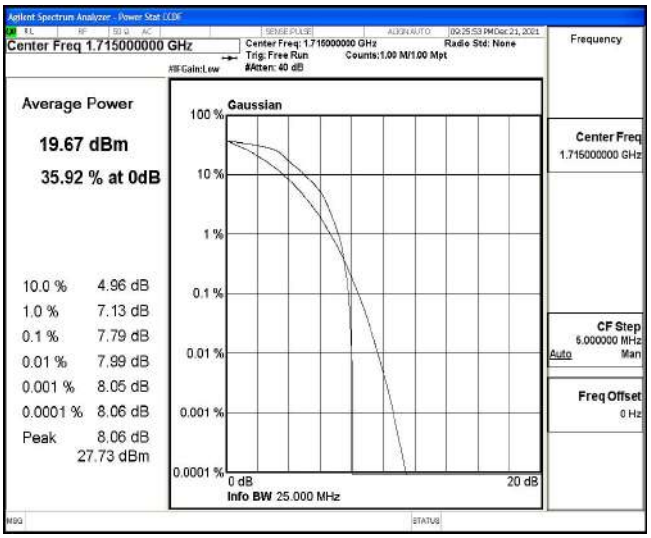
Band66-10MHz-QPSK-132622-1-0-High-7.97-<=13-PASS



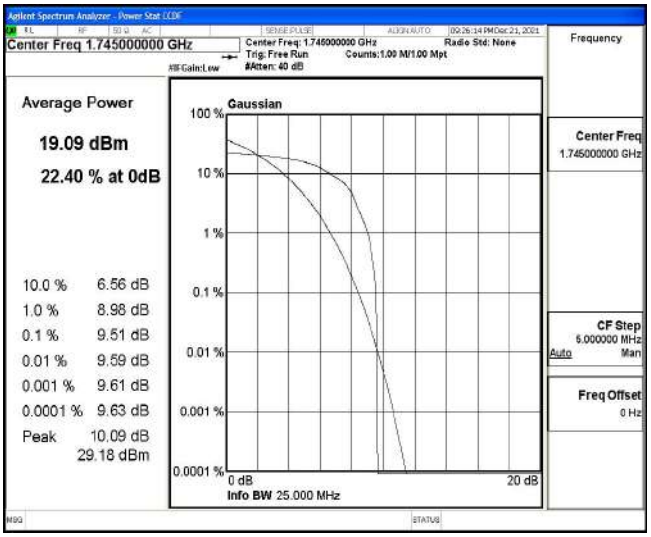
Band66-10MHz-QPSK-132622-6-0-High-10.86-<=13-PASS



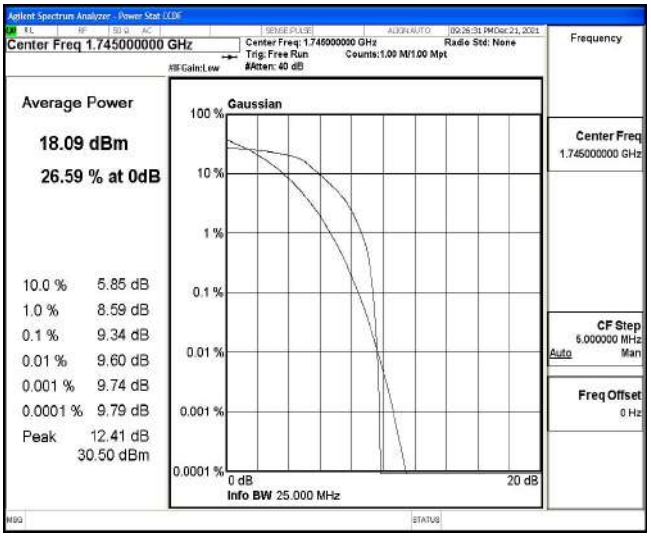
Band66-10MHz-16QAM-132022-1-0-Low-8.72-<=13-PASS



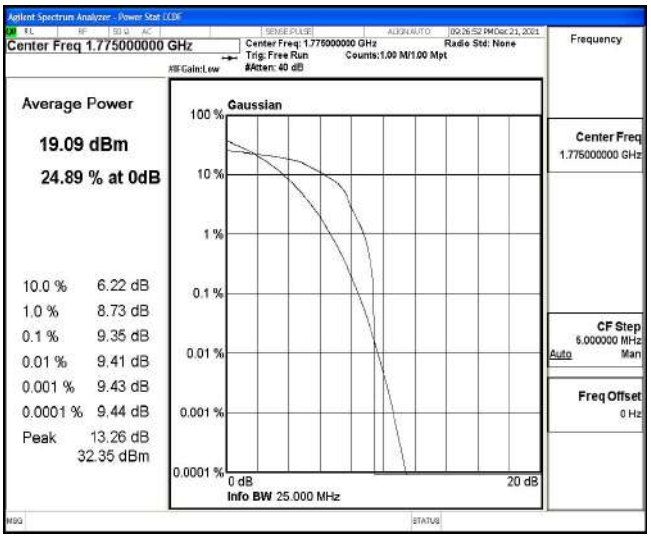
Band66-10MHz-16QAM-132022-6-0-Low-7.79-<=13-PASS



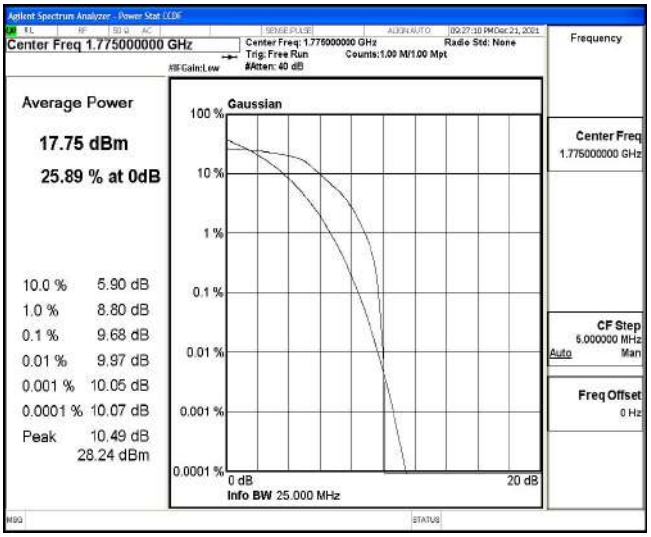
Band66-10MHz-16QAM-132322-1-0-Low-9.51-<=13-PASS



Band66-10MHz-16QAM-132322-6-0-Low-9.34-<=13-PASS



Band66-10MHz-16QAM-132622-1-0-High-9.35-<=13-PASS



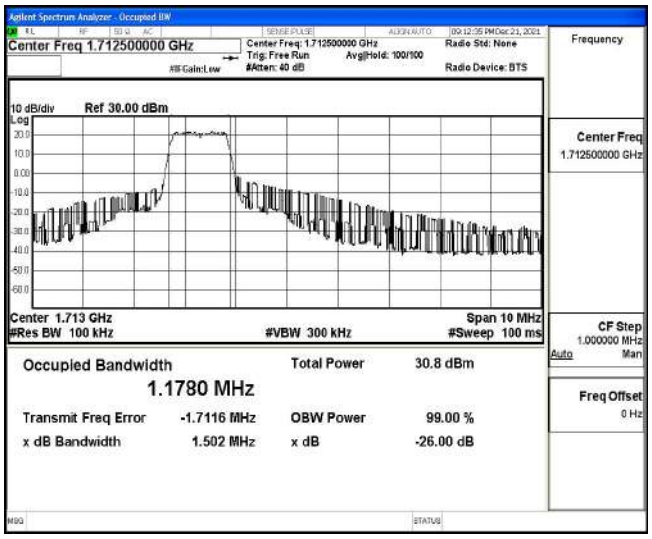
Band66-10MHz-16QAM-132622-6-0-High-9.68-<=13-PASS

H.3 26dB Bandwidth and Occupied Bandwidth for M1

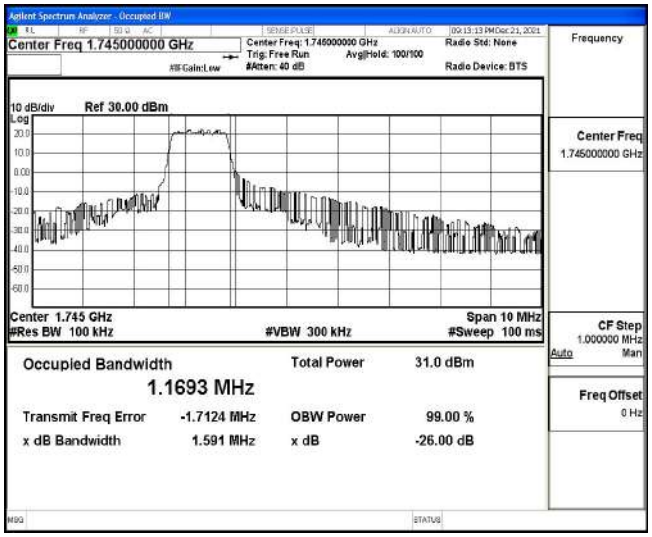
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	5MHz	131997	QPSK	6	0	Low	1.1780	1.502	PASS
Band66	5MHz	132322	QPSK	6	0	Low	1.1693	1.591	PASS
Band66	5MHz	132647	QPSK	6	0	High	1.1891	1.429	PASS
Band66	5MHz	131997	16QAM	6	0	Low	1.1875	1.633	PASS
Band66	5MHz	132322	16QAM	6	0	Low	1.1689	1.572	PASS
Band66	5MHz	132647	16QAM	6	0	High	1.1876	1.451	PASS
Band66	10MHz	132022	QPSK	6	0	Low	1.3490	2.652	PASS
Band66	10MHz	132322	QPSK	6	0	Low	1.3333	2.112	PASS
Band66	10MHz	132622	QPSK	6	0	High	1.3430	1.951	PASS
Band66	10MHz	132022	16QAM	6	0	Low	1.3889	2.862	PASS
Band66	10MHz	132322	16QAM	6	0	Low	1.3530	2.258	PASS
Band66	10MHz	132622	16QAM	6	0	High	1.3196	1.910	PASS

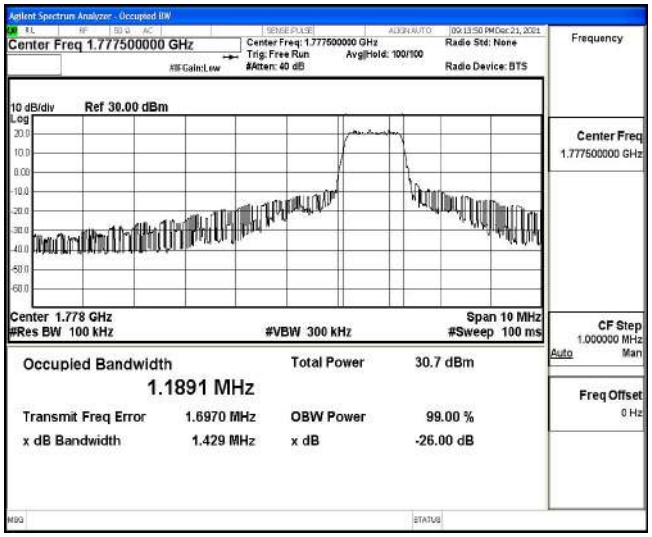
Test Graphs



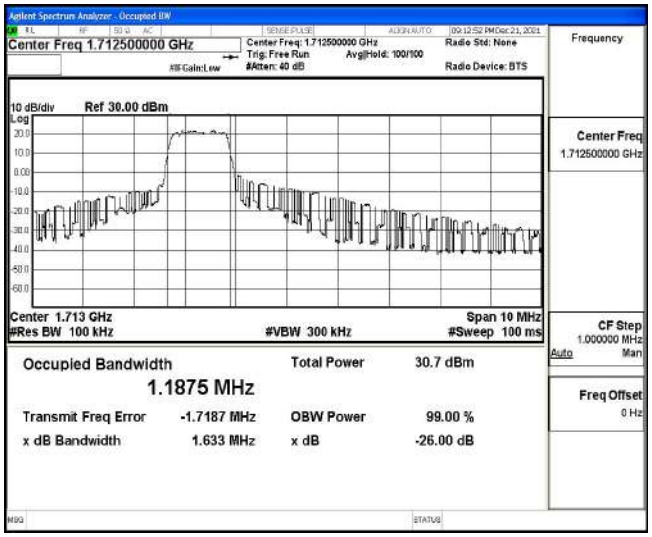
Band66-5MHz-QPSK-131997-6-0-Low-1.1780-1.502-PASS



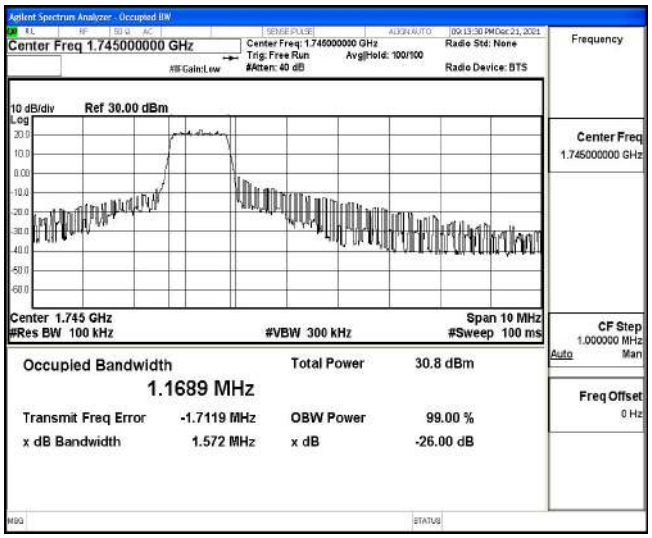
Band66-5MHz-QPSK-132322-6-0-Low-1.1693-1.591-PASS



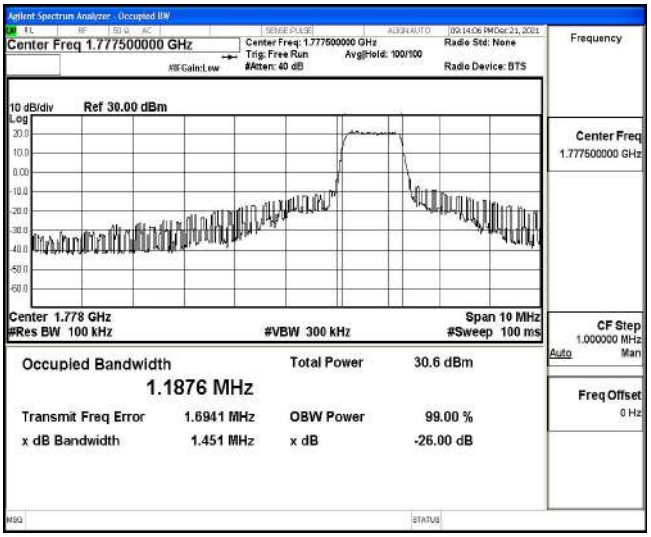
Band66-5MHz-QPSK-132647-6-0-High-1.1891-1.429-PASS



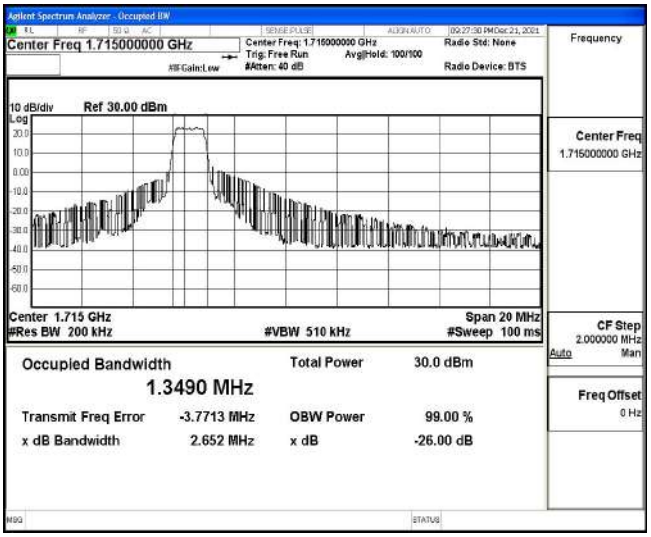
Band66-5MHz-16QAM-131997-6-0-Low-1.1875-1.633-PASS



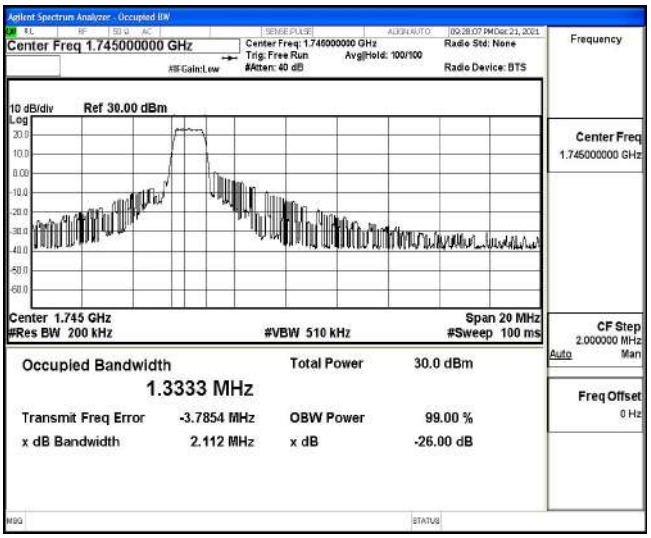
Band66-5MHz-16QAM-132322-6-0-Low-1.1689-1.572-PASS



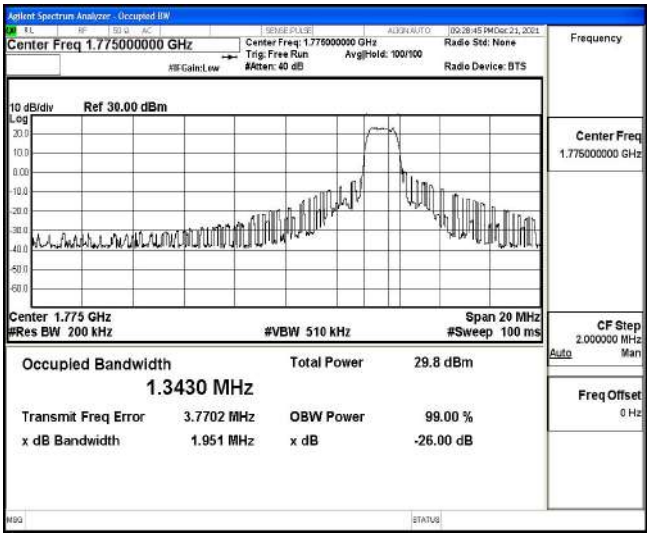
Band66-5MHz-16QAM-132647-6-0-High-1.1876-1.451-PASS



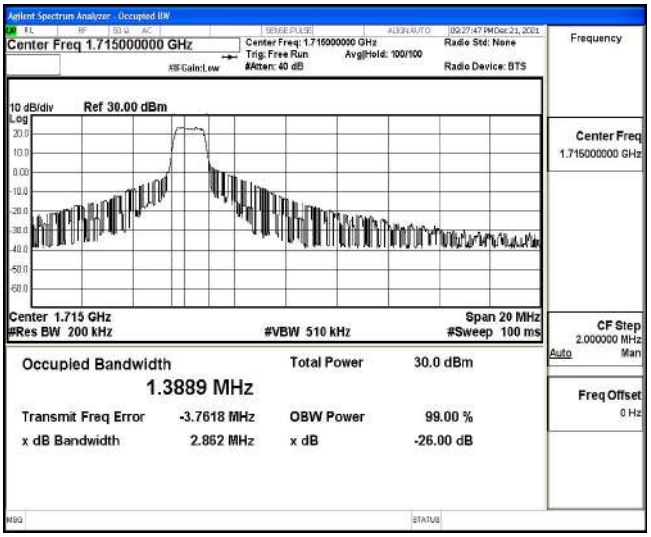
Band66-10MHz-QPSK-132022-6-0-Low-1.3490-2.652-PASS



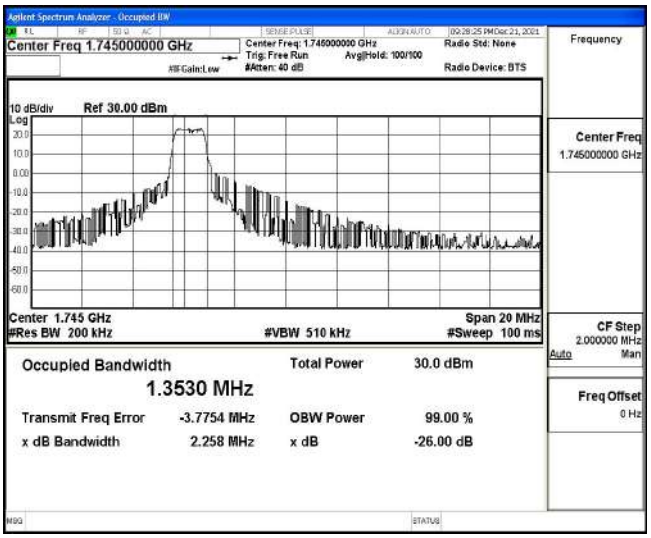
Band66-10MHz-QPSK-132322-6-0-Low-1.3333-2.112-PASS



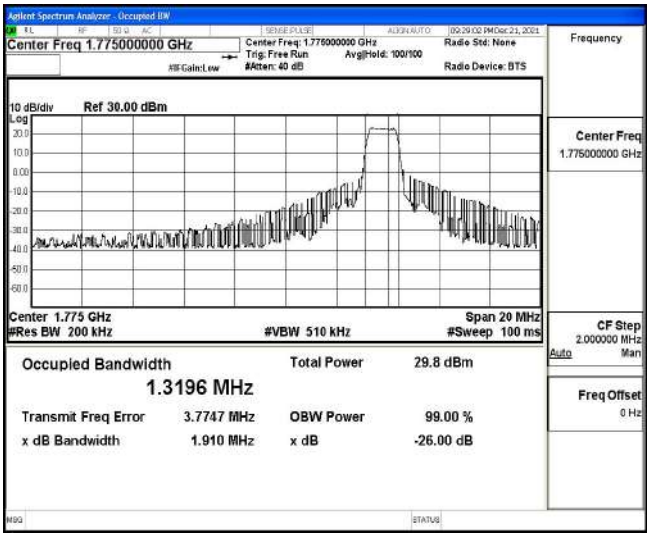
Band66-10MHz-QPSK-132622-6-0-High-1.3430-1.951-PASS



Band66-10MHz-16QAM-132022-6-0-Low-1.3889-2.862-PASS



Band66-10MHz-16QAM-132322-6-0-Low-1.3530-2.258-PASS



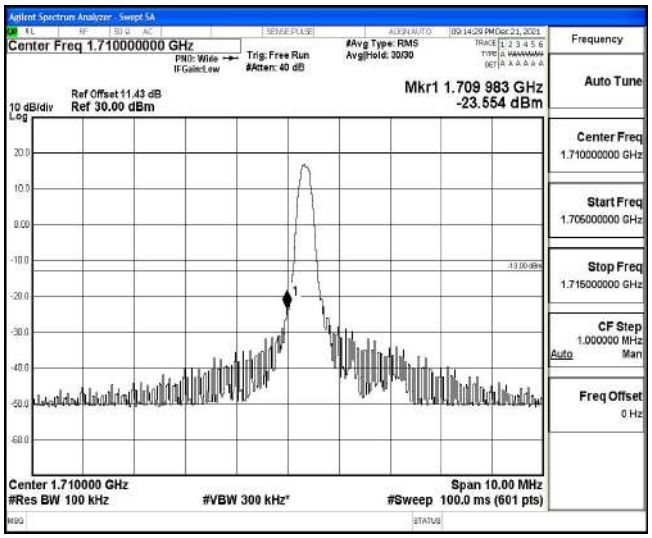
Band66-10MHz-16QAM-132622-6-0-High-1.3196-1.910-PASS

H.4 Band Edge for M1

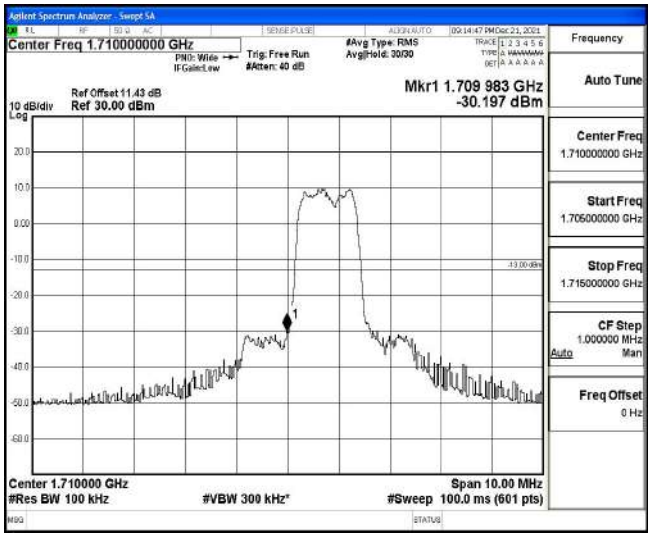
Test Result

Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Result(dBm)	Verdict
Band66	5MHz	131997	QPSK	1	0	Low	-23.55	PASS
Band66	5MHz	131997	QPSK	6	0	Low	-30.20	PASS
Band66	5MHz	132647	QPSK	1	0	High	-29.92	PASS
Band66	5MHz	132647	QPSK	6	0	High	-28.38	PASS
Band66	5MHz	131997	16QAM	1	0	Low	-24.74	PASS
Band66	5MHz	131997	16QAM	6	0	Low	-29.37	PASS
Band66	5MHz	132647	16QAM	1	0	High	-43.14	PASS
Band66	5MHz	132647	16QAM	6	0	High	-27.73	PASS
Band66	10MHz	132022	QPSK	1	0	Low	-29.06	PASS
Band66	10MHz	132022	QPSK	6	0	Low	-29.59	PASS
Band66	10MHz	132622	QPSK	1	0	High	-29.55	PASS
Band66	10MHz	132622	QPSK	6	0	High	-28.74	PASS
Band66	10MHz	132022	16QAM	1	0	Low	-29.38	PASS
Band66	10MHz	132022	16QAM	6	0	Low	-27.34	PASS
Band66	10MHz	132622	16QAM	1	0	High	-41.73	PASS
Band66	10MHz	132622	16QAM	6	0	High	-27.41	PASS

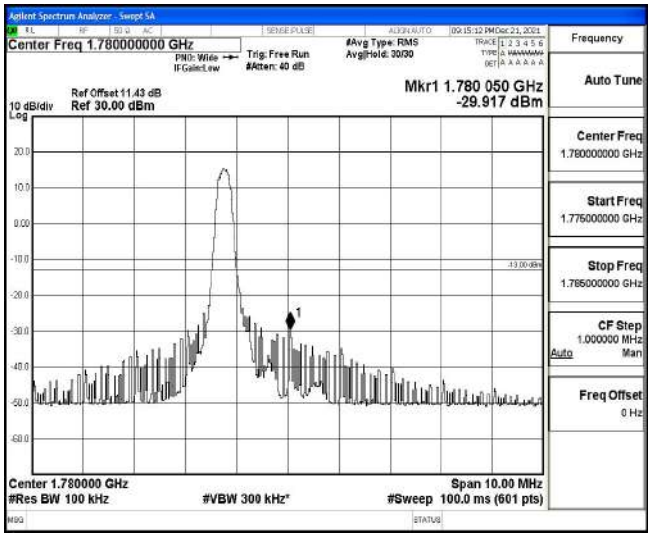
Test Graphs



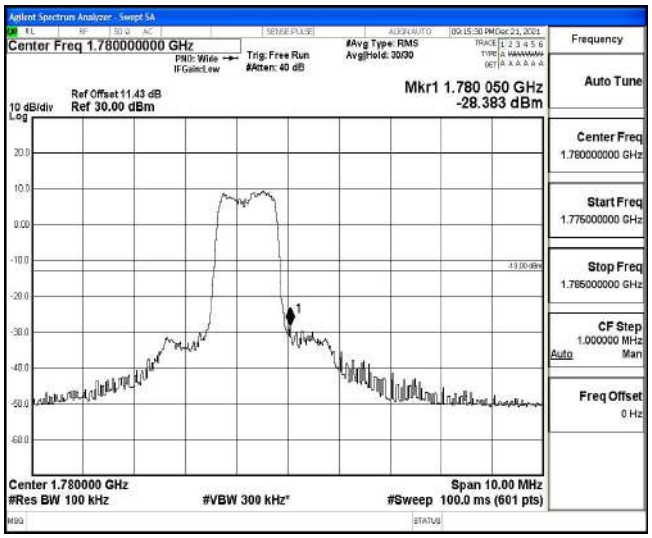
Band66-5MHz-QPSK-131997-1-0-Low--23.55-PASS



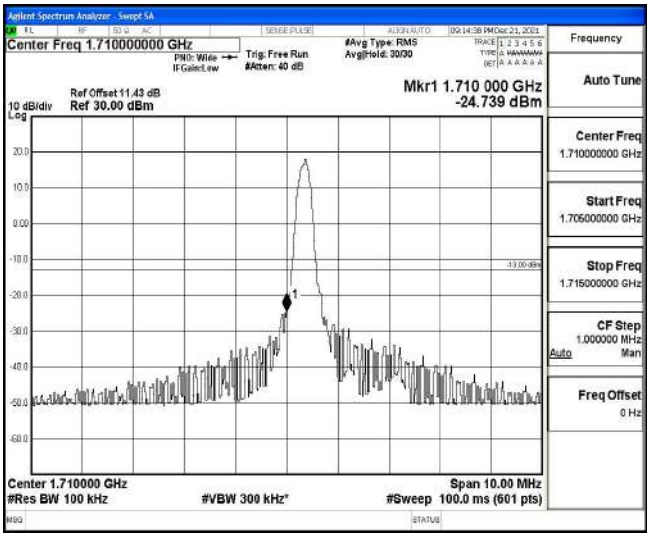
Band66-5MHz-QPSK-131997-6-0-Low--30.20-PASS



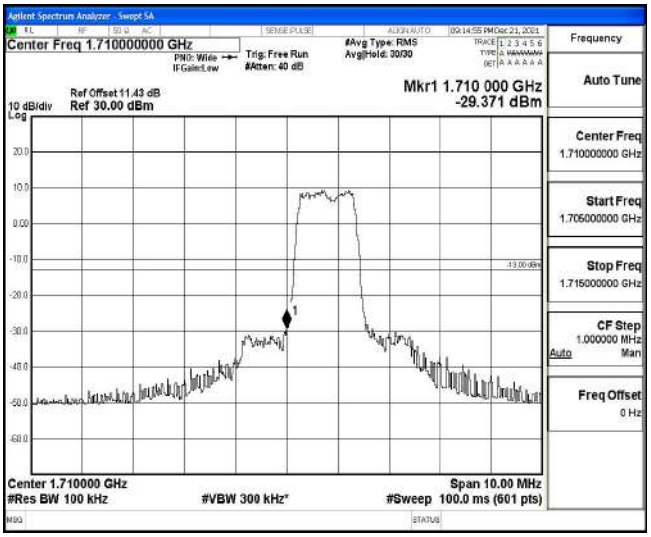
Band66-5MHz-QPSK-132647-1-0-High--29.92-PASS



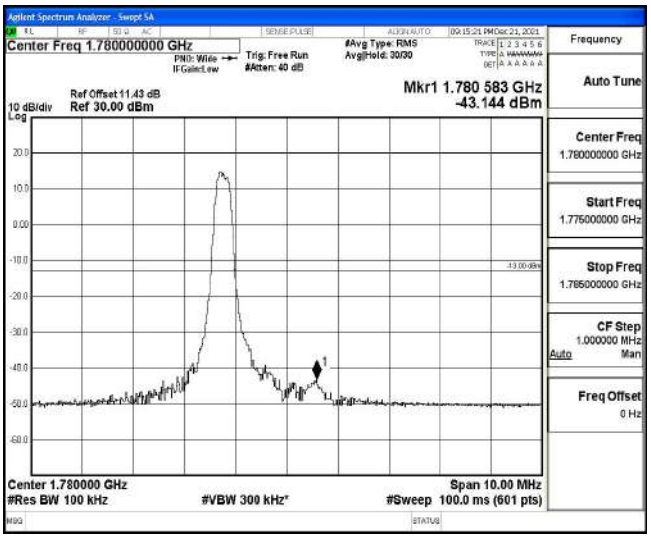
Band66-5MHz-QPSK-132647-6-0-High--28.38-PASS



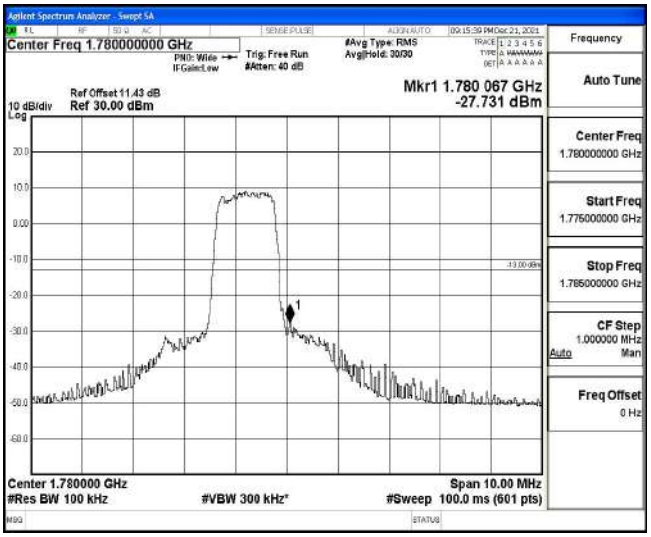
Band66-5MHz-16QAM-131997-1-0-Low--24.74-PASS



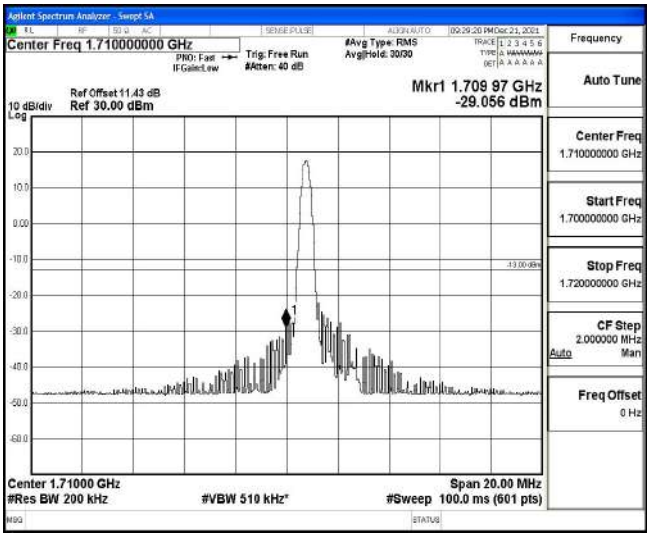
Band66-5MHz-16QAM-131997-6-0-Low--29.37-PASS



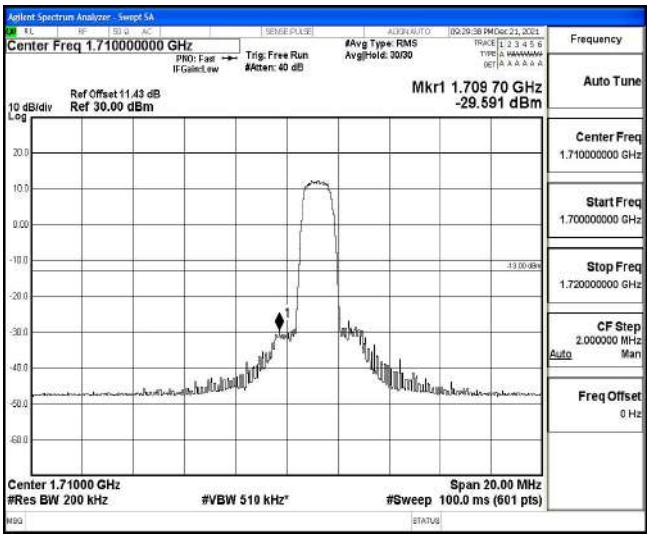
Band66-5MHz-16QAM-132647-1-0-High--43.14-PASS



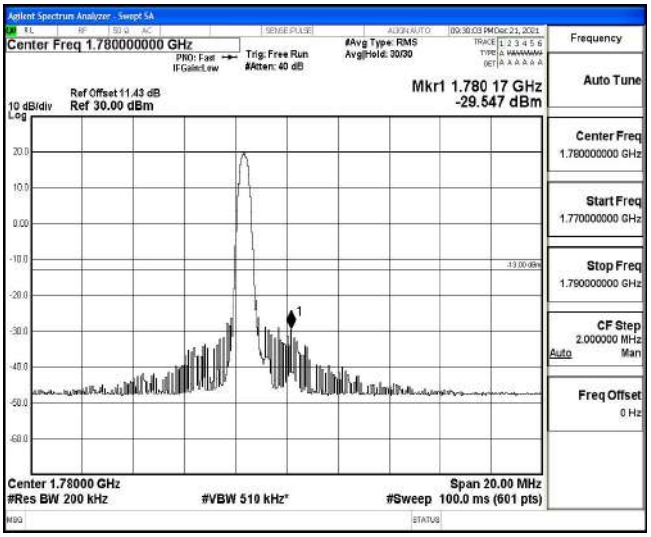
Band66-5MHz-16QAM-132647-6-0-High--27.73-PASS



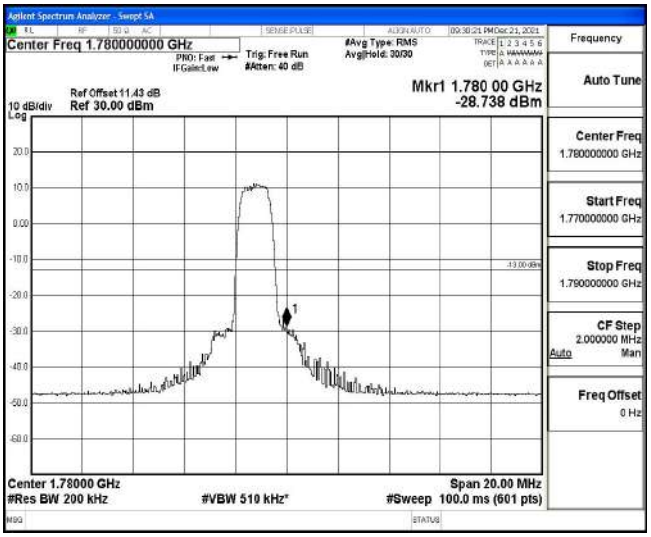
Band66-10MHz-QPSK-132022-1-0-Low--29.06-PASS



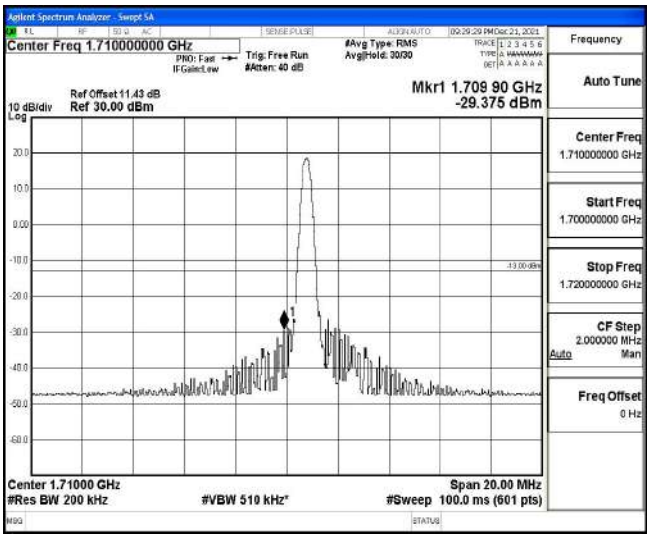
Band66-10MHz-QPSK-132022-6-0-Low--29.59-PASS



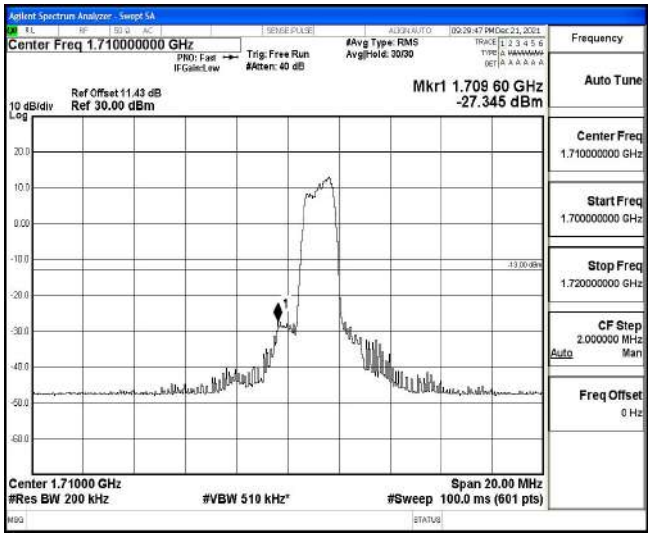
Band66-10MHz-QPSK-132622-1-0-High--29.55-PASS



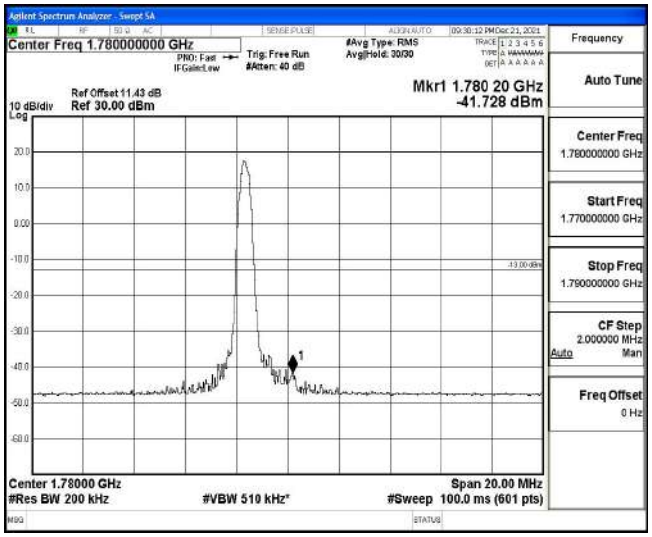
Band66-10MHz-QPSK-132622-6-0-High--28.74-PASS



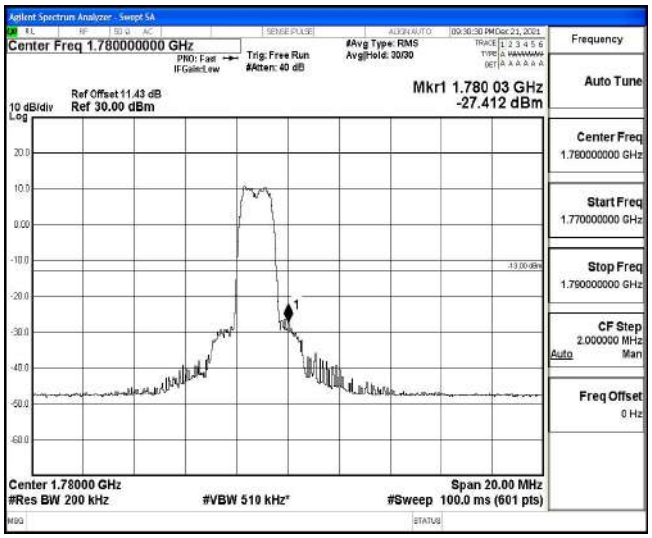
Band66-10MHz-16QAM-132022-1-0-Low--29.38-PASS



Band66-10MHz-16QAM-132022-6-0-Low--27.34-PASS



Band66-10MHz-16QAM-132622-1-0-High--41.73-PASS



Band66-10MHz-16QAM-132622-6-0-High--27.41-PASS

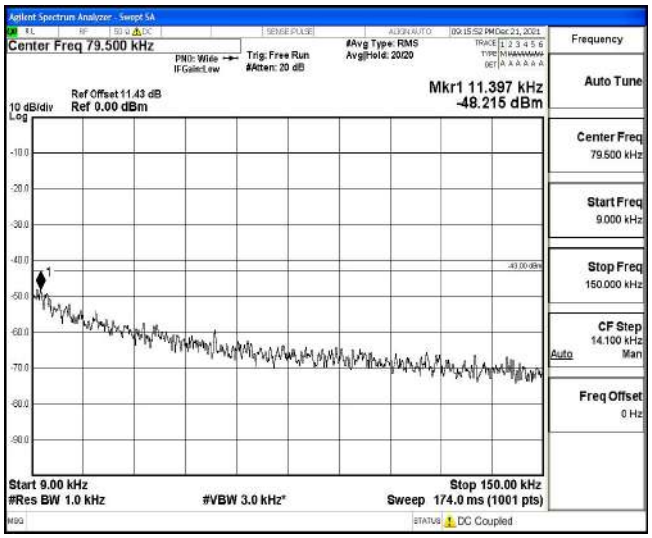
H.5 Conducted Spurious Emission for M1

Test Result

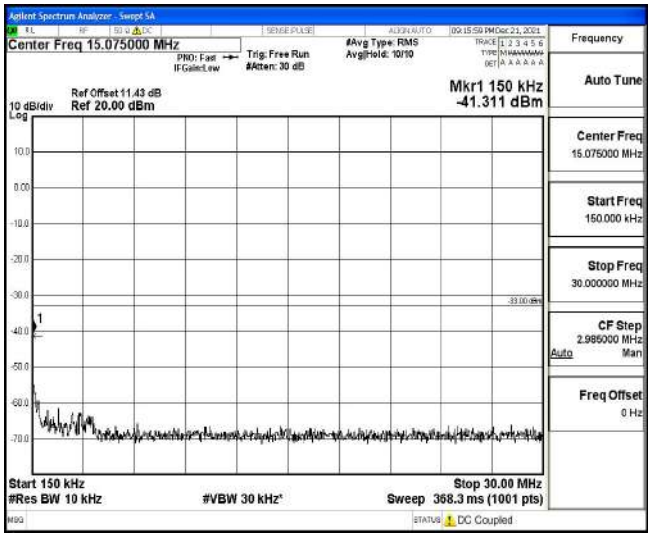
Band	Bandwidth	Modulation	Channel	RB Size	RB Start	NB Index	Start Freq	Stop Freq	Result (dBm)	Verdict
Band66	5MHz	131997	QPSK	1	0	Low	0.009	0.15	-48.22	PASS
Band66	5MHz	131997	QPSK	1	0	Low	0.15	30	-41.31	PASS
Band66	5MHz	131997	QPSK	1	0	Low	30	1000	-35.91	PASS
Band66	5MHz	131997	QPSK	1	0	Low	1000	10000	-36.26	PASS
Band66	5MHz	131997	QPSK	1	0	Low	10000	20000	-32.47	PASS
Band66	5MHz	132322	QPSK	1	0	Low	0.009	0.15	-48.58	PASS
Band66	5MHz	132322	QPSK	1	0	Low	0.15	30	-42.7	PASS
Band66	5MHz	132322	QPSK	1	0	Low	30	1000	-35.55	PASS
Band66	5MHz	132322	QPSK	1	0	Low	1000	10000	-37.67	PASS
Band66	5MHz	132322	QPSK	1	0	Low	10000	20000	-32.36	PASS
Band66	5MHz	132647	QPSK	1	0	High	0.009	0.15	-48.49	PASS
Band66	5MHz	132647	QPSK	1	0	High	0.15	30	-43.1	PASS
Band66	5MHz	132647	QPSK	1	0	High	30	1000	-34.96	PASS
Band66	5MHz	132647	QPSK	1	0	High	1000	10000	-39.83	PASS
Band66	5MHz	132647	QPSK	1	0	High	10000	20000	-32.36	PASS
Band66	5MHz	131997	16QAM	1	0	Low	0.009	0.15	-49.67	PASS
Band66	5MHz	131997	16QAM	1	0	Low	0.15	30	-43.93	PASS
Band66	5MHz	131997	16QAM	1	0	Low	30	1000	-35.65	PASS
Band66	5MHz	131997	16QAM	1	0	Low	1000	10000	-35.94	PASS
Band66	5MHz	131997	16QAM	1	0	Low	10000	20000	-32.48	PASS
Band66	5MHz	132322	16QAM	1	0	Low	0.009	0.15	-48.47	PASS
Band66	5MHz	132322	16QAM	1	0	Low	0.15	30	-43.79	PASS
Band66	5MHz	132322	16QAM	1	0	Low	30	1000	-35.26	PASS
Band66	5MHz	132322	16QAM	1	0	Low	1000	10000	-37.1	PASS
Band66	5MHz	132322	16QAM	1	0	Low	10000	20000	-32.37	PASS
Band66	5MHz	132647	16QAM	1	0	High	0.009	0.15	-47.28	PASS
Band66	5MHz	132647	16QAM	1	0	High	0.15	30	-43.98	PASS
Band66	5MHz	132647	16QAM	1	0	High	30	1000	-34.9	PASS
Band66	5MHz	132647	16QAM	1	0	High	1000	10000	-39.93	PASS
Band66	5MHz	132647	16QAM	1	0	High	10000	20000	-32.52	PASS
Band66	10MHz	132022	QPSK	1	0	Low	0.009	0.15	-47.73	PASS
Band66	10MHz	132022	QPSK	1	0	Low	0.15	30	-45.54	PASS
Band66	10MHz	132022	QPSK	1	0	Low	30	1000	-35.41	PASS
Band66	10MHz	132022	QPSK	1	0	Low	1000	10000	-36.43	PASS
Band66	10MHz	132022	QPSK	1	0	Low	10000	20000	-32.51	PASS

Band66	10MHz	132322	QPSK	1	0	Low	0.009	0.15	-47.04	PASS
Band66	10MHz	132322	QPSK	1	0	Low	0.15	30	-43.73	PASS
Band66	10MHz	132322	QPSK	1	0	Low	30	1000	-36.44	PASS
Band66	10MHz	132322	QPSK	1	0	Low	1000	10000	-37.79	PASS
Band66	10MHz	132322	QPSK	1	0	Low	10000	20000	-32.41	PASS
Band66	10MHz	132622	QPSK	1	0	High	0.009	0.15	-47.49	PASS
Band66	10MHz	132622	QPSK	1	0	High	0.15	30	-41.67	PASS
Band66	10MHz	132622	QPSK	1	0	High	30	1000	-36.3	PASS
Band66	10MHz	132622	QPSK	1	0	High	1000	10000	-39.85	PASS
Band66	10MHz	132622	QPSK	1	0	High	10000	20000	-32.41	PASS
Band66	10MHz	132022	16QAM	1	0	Low	0.009	0.15	-49.44	PASS
Band66	10MHz	132022	16QAM	1	0	Low	0.15	30	-44.11	PASS
Band66	10MHz	132022	16QAM	1	0	Low	30	1000	-36.54	PASS
Band66	10MHz	132022	16QAM	1	0	Low	1000	10000	-36.57	PASS
Band66	10MHz	132022	16QAM	1	0	Low	10000	20000	-32.46	PASS
Band66	10MHz	132322	16QAM	1	0	Low	0.009	0.15	-48.39	PASS
Band66	10MHz	132322	16QAM	1	0	Low	0.15	30	-43.38	PASS
Band66	10MHz	132322	16QAM	1	0	Low	30	1000	-37.01	PASS
Band66	10MHz	132322	16QAM	1	0	Low	1000	10000	-37.22	PASS
Band66	10MHz	132322	16QAM	1	0	Low	10000	20000	-32.34	PASS
Band66	10MHz	132622	16QAM	1	0	High	0.009	0.15	-49.59	PASS
Band66	10MHz	132622	16QAM	1	0	High	0.15	30	-43.48	PASS
Band66	10MHz	132622	16QAM	1	0	High	30	1000	-35.79	PASS
Band66	10MHz	132622	16QAM	1	0	High	1000	10000	-39.9	PASS
Band66	10MHz	132622	16QAM	1	0	High	10000	20000	-32.4	PASS

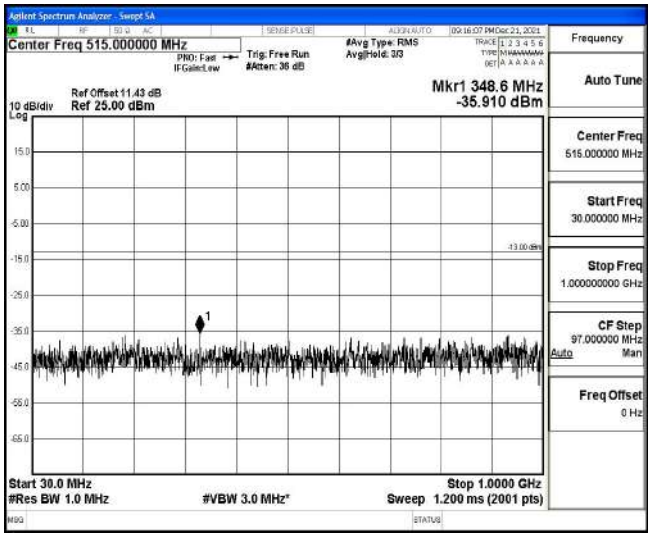
Test Graphs



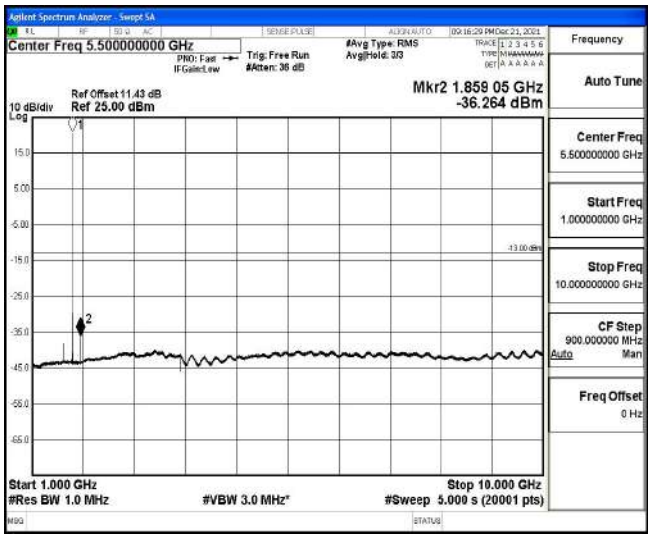
Band66-5MHz-QPSK-131997-1-0-Low-0.009-0.15--48.22-PASS



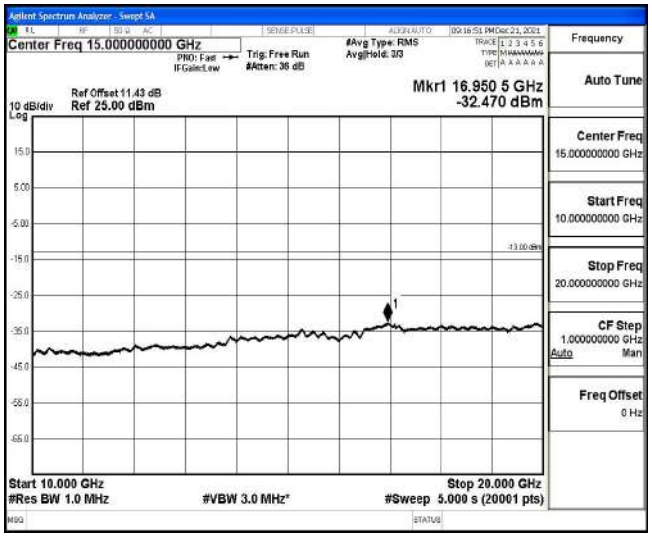
Band66-5MHz-QPSK-131997-1-0-Low-0.15-30--41.31-PASS



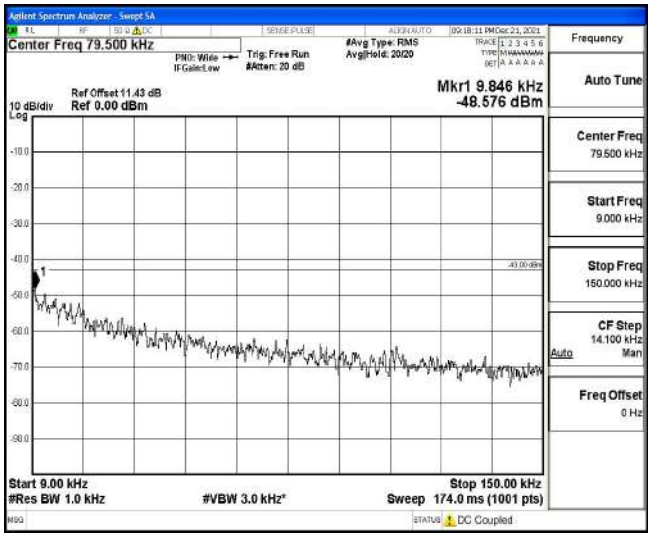
Band66-5MHz-QPSK-131997-1-0-Low-30-1000--35.91-PASS



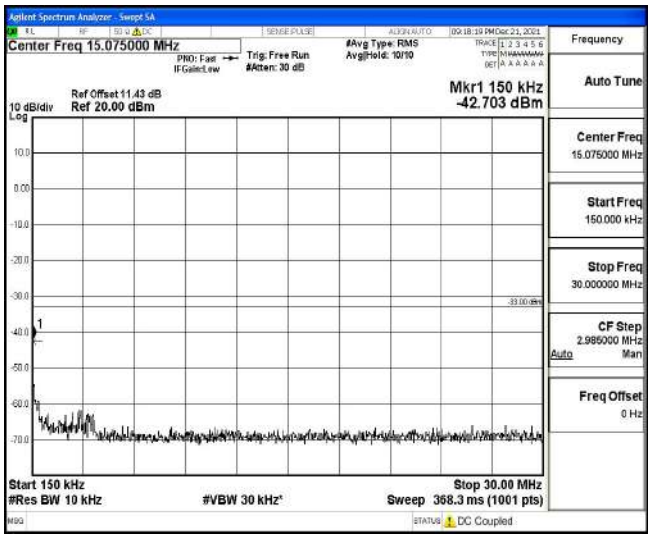
Band66-5MHz-QPSK-131997-1-0-Low-1000-10000--36.26-PASS



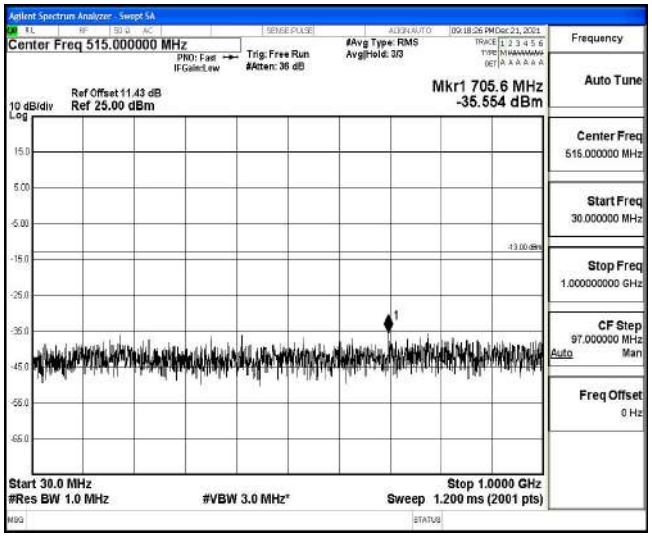
Band66-5MHz-QPSK-131997-1-0-Low-10000-20000--32.47-PASS



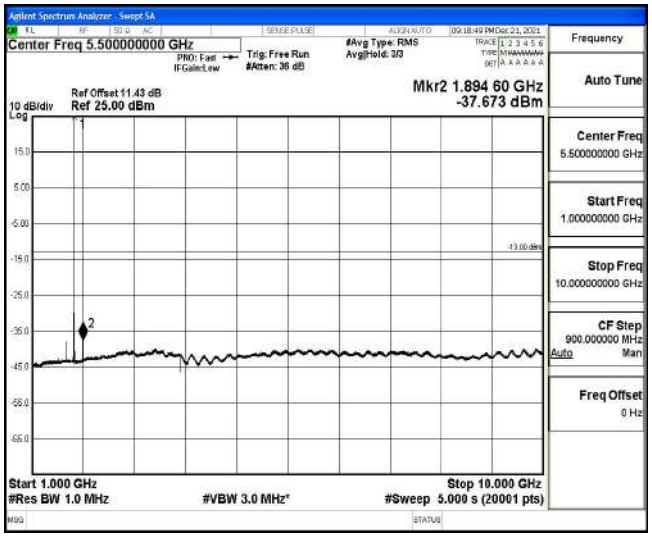
Band66-5MHz-QPSK-132322-1-0-Low-0.009-0.15--48.58-PASS



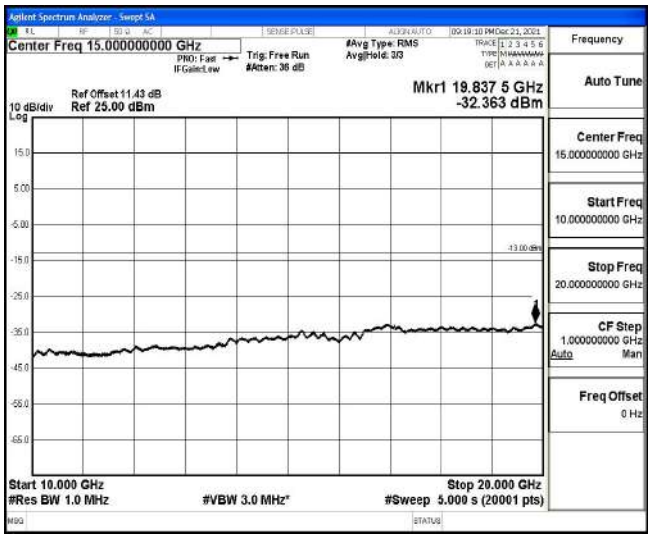
Band66-5MHz-QPSK-132322-1-0-Low-0.15-30--42.7-PASS



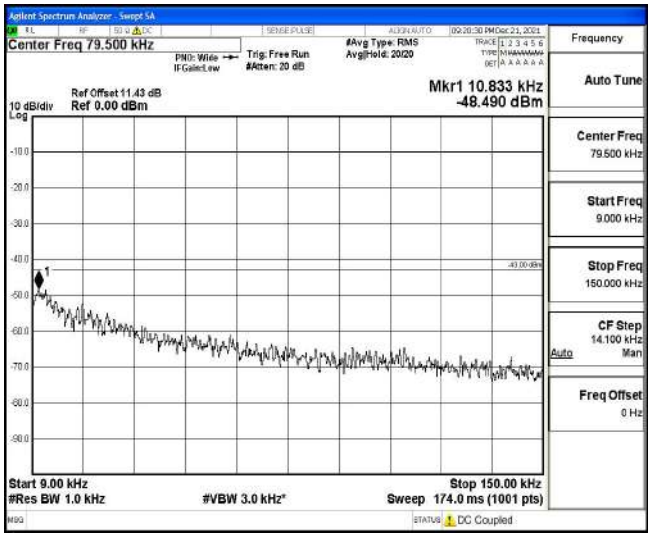
Band66-5MHz-QPSK-132322-1-0-Low-30-1000--35.55-PASS



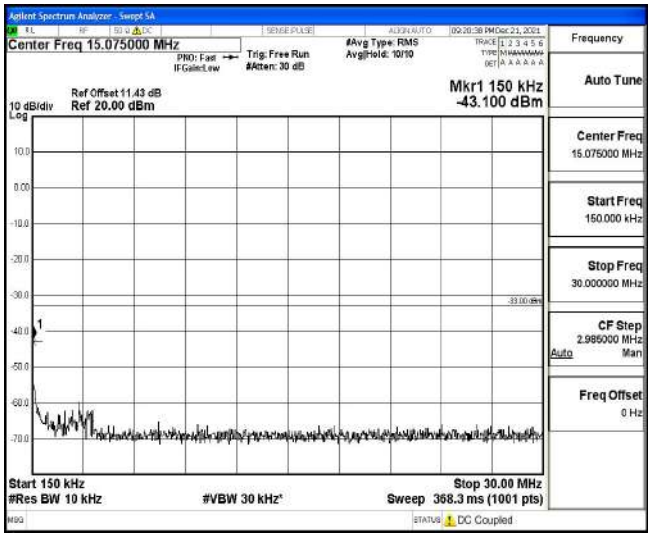
Band66-5MHz-QPSK-132322-1-0-Low-1000-10000--37.67-PASS



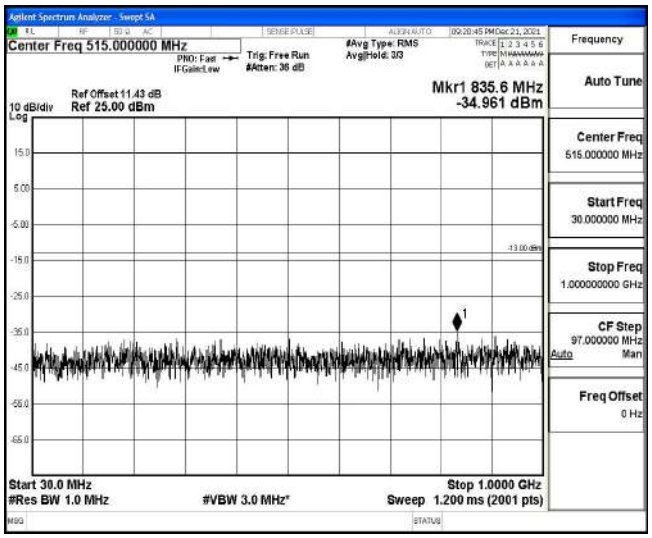
Band66-5MHz-QPSK-132322-1-0-Low-10000-20000--32.36-PASS



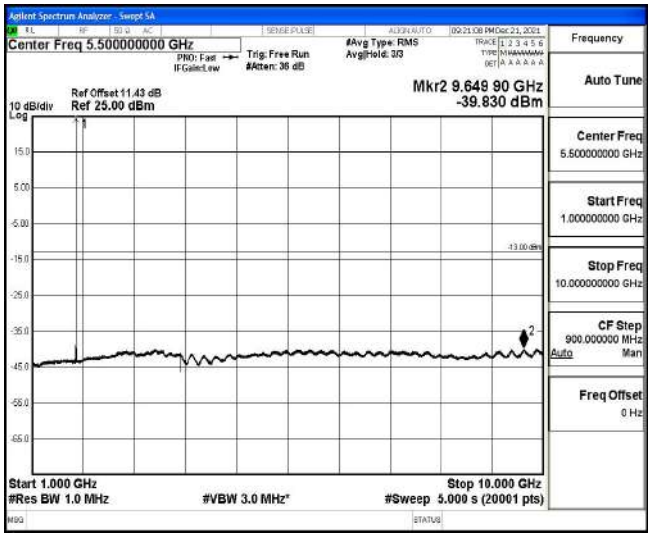
Band66-5MHz-QPSK-132647-1-0-High-0.009-0.15--48.49-PASS



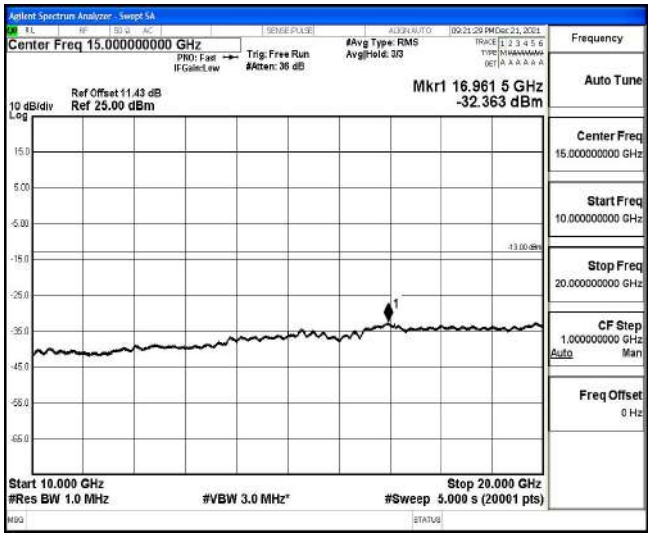
Band66-5MHz-QPSK-132647-1-0-High-0.15-30--43.1-PASS



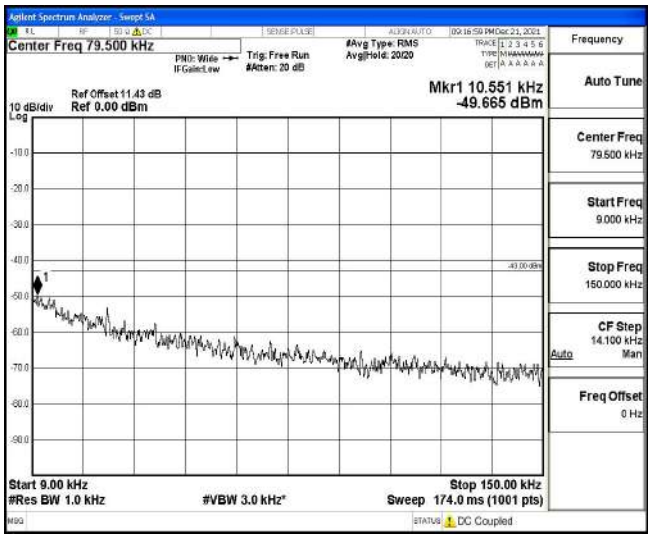
Band66-5MHz-QPSK-132647-1-0-High-30-1000--34.96-PASS



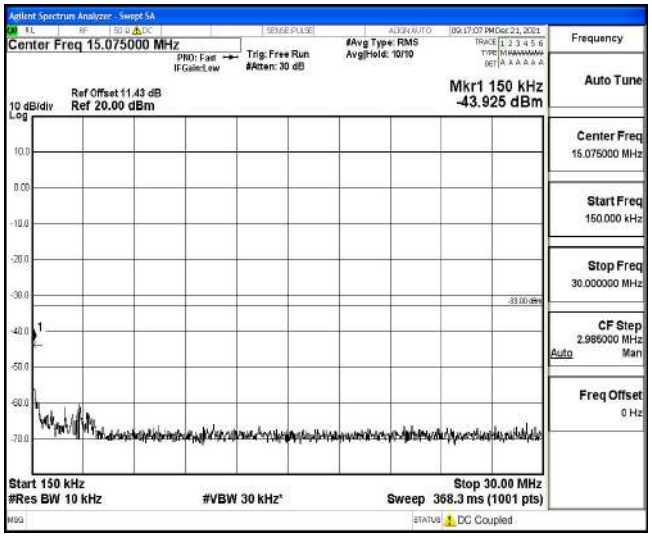
Band66-5MHz-QPSK-132647-1-0-High-1000-10000--39.83-PASS



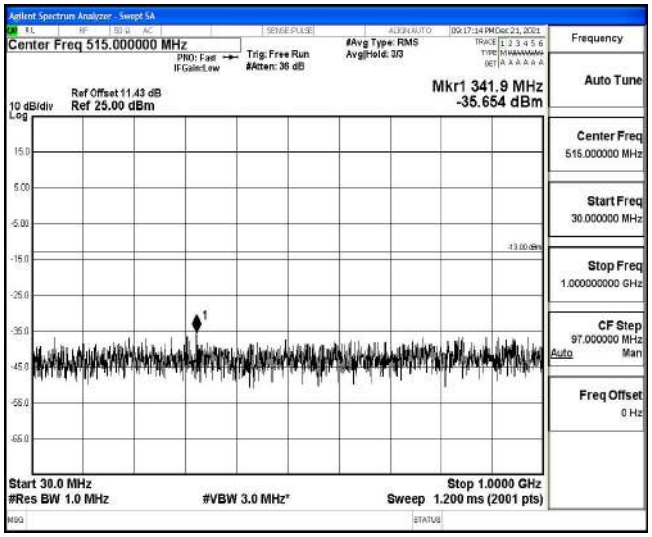
Band66-5MHz-QPSK-132647-1-0-High-10000-20000--32.36-PASS



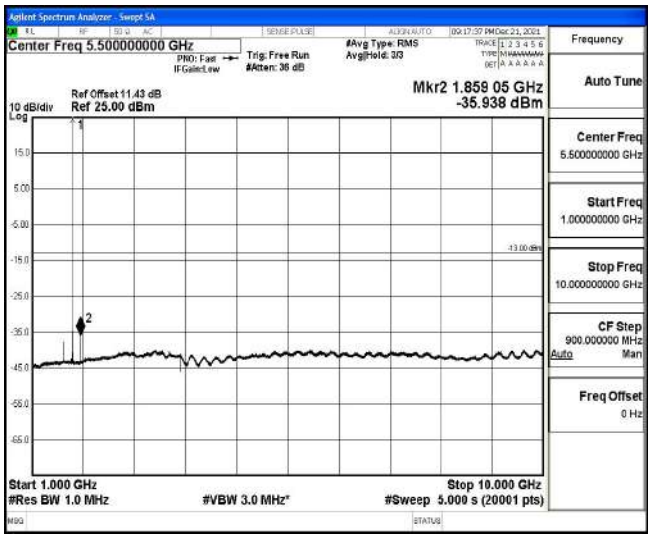
Band66-5MHz-16QAM-131997-1-0-Low-0.009-0.15--49.67-PASS



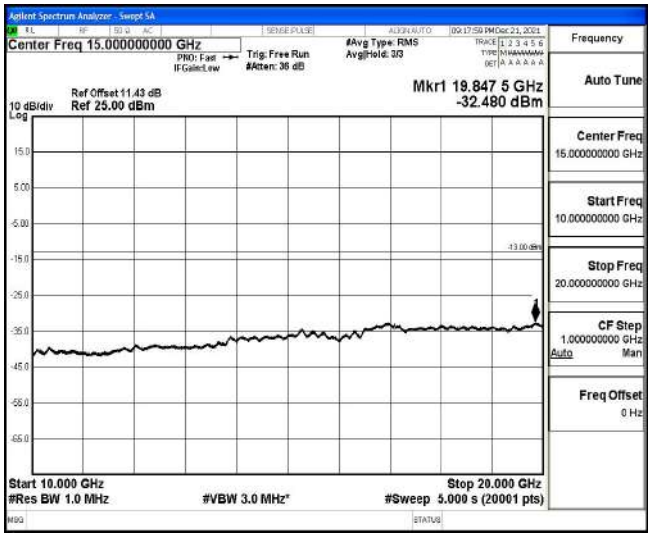
Band66-5MHz-16QAM-131997-1-0-Low-0.15-30--43.93-PASS



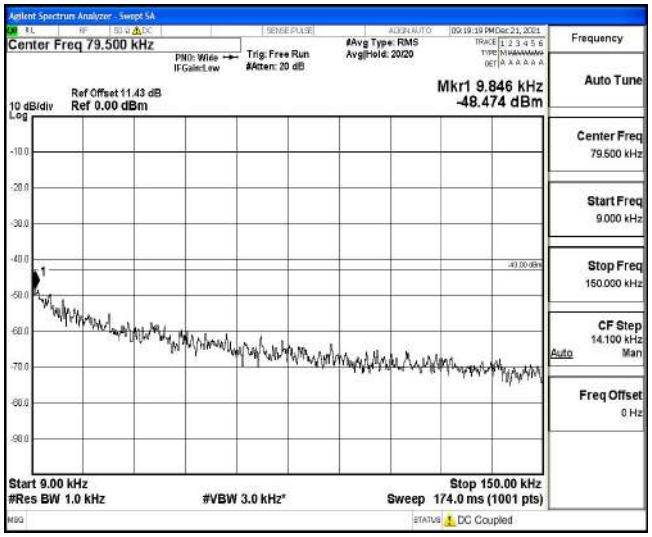
Band66-5MHz-16QAM-131997-1-0-Low-30-1000--35.65-PASS



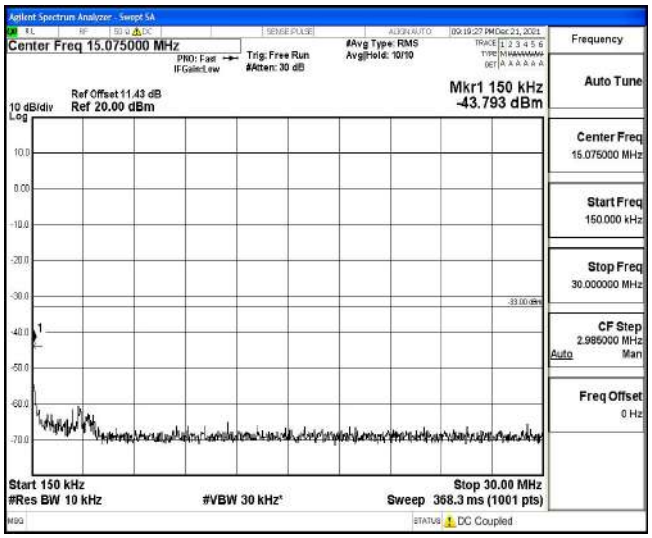
Band66-5MHz-16QAM-131997-1-0-Low-1000-10000--35.94-PASS



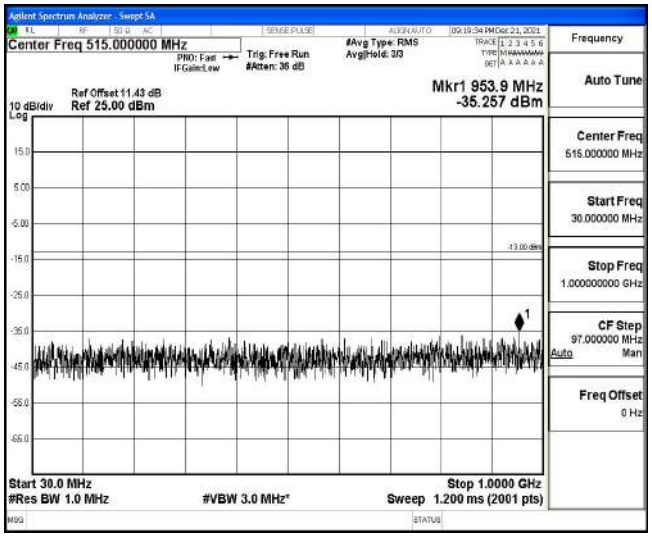
Band66-5MHz-16QAM-131997-1-0-Low-10000-20000--32.48-PASS



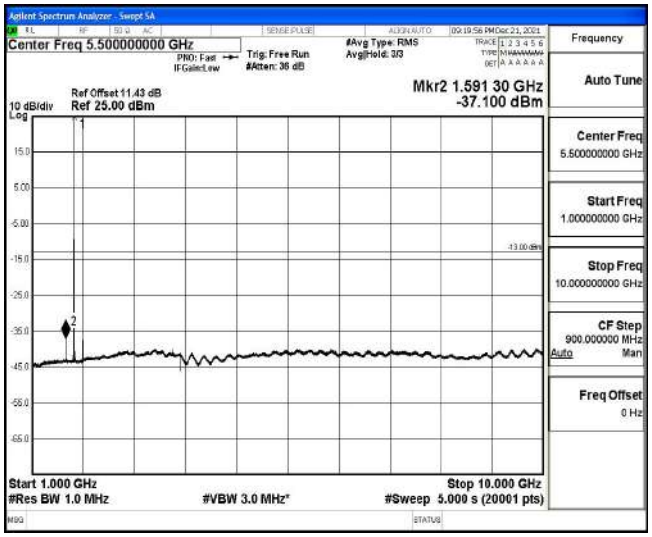
Band66-5MHz-16QAM-132322-1-0-Low-0.009-0.15--48.47-PASS



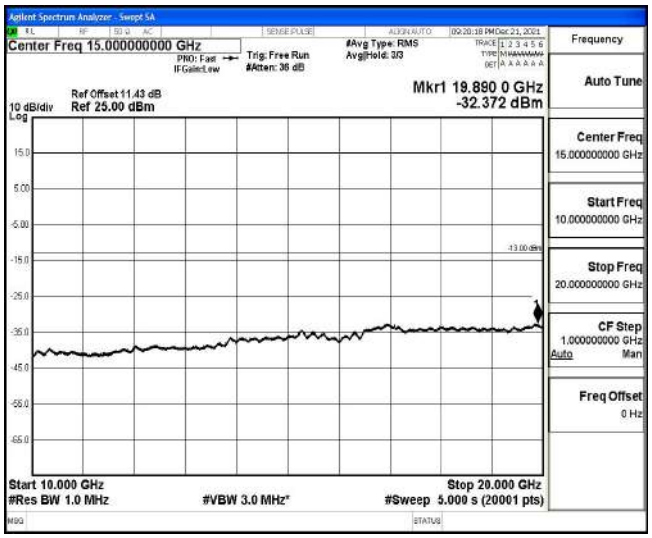
Band66-5MHz-16QAM-132322-1-0-Low-0.15-30--43.79-PASS



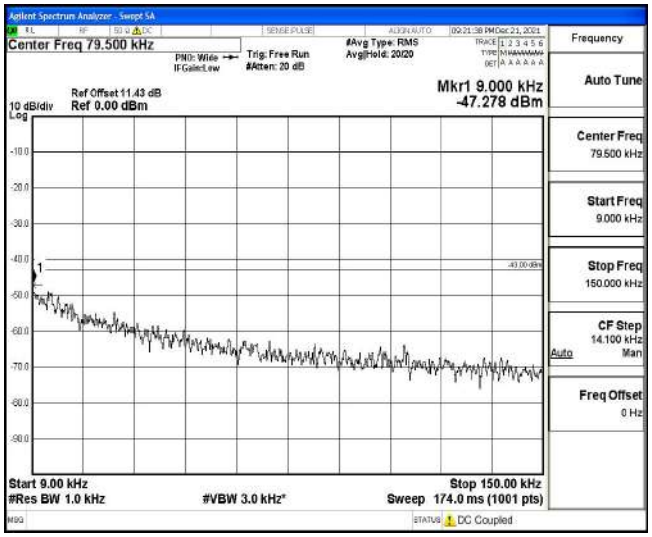
Band66-5MHz-16QAM-132322-1-0-Low-30-1000--35.26-PASS



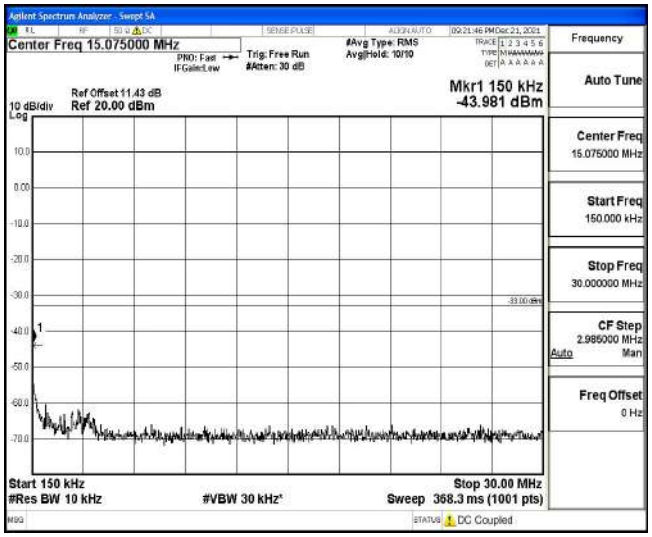
Band66-5MHz-16QAM-132322-1-0-Low-1000-10000--37.1-PASS



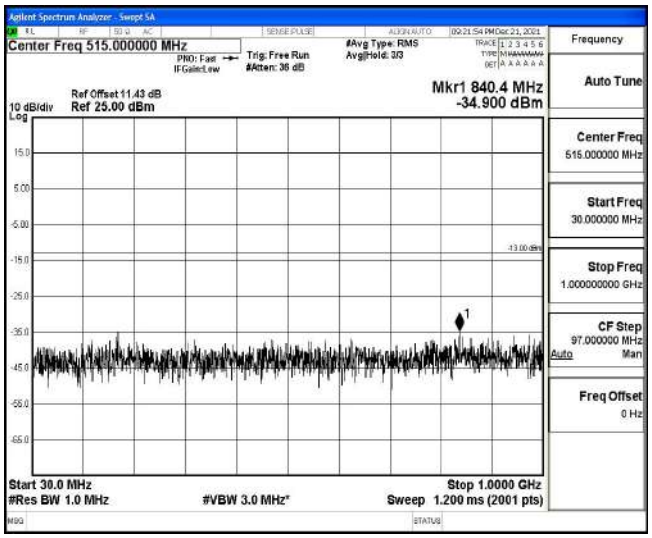
Band66-5MHz-16QAM-132322-1-0-Low-10000-20000--32.37-PASS



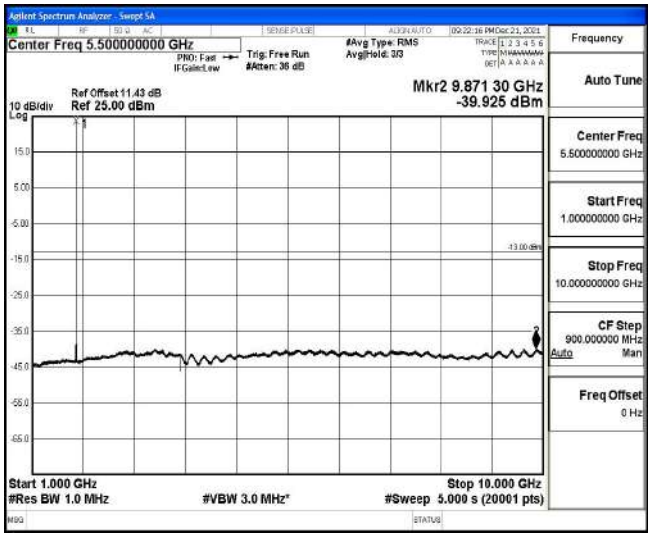
Band66-5MHz-16QAM-132647-1-0-High-0.009-0.15--47.28-PASS



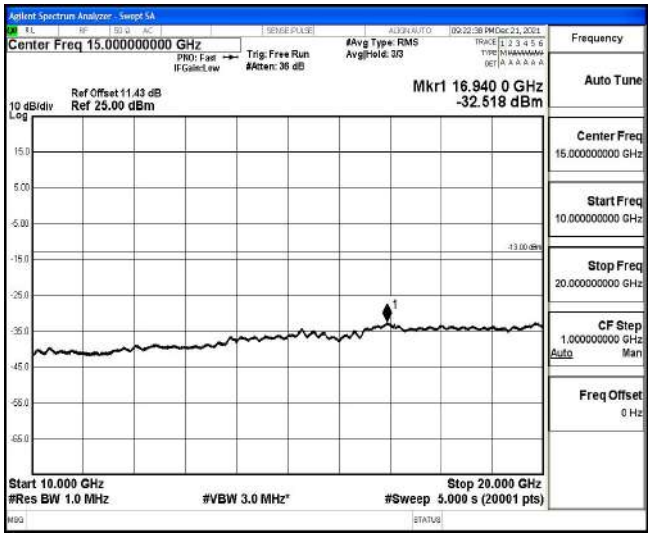
Band66-5MHz-16QAM-132647-1-0-High-0.15-30--43.98-PASS



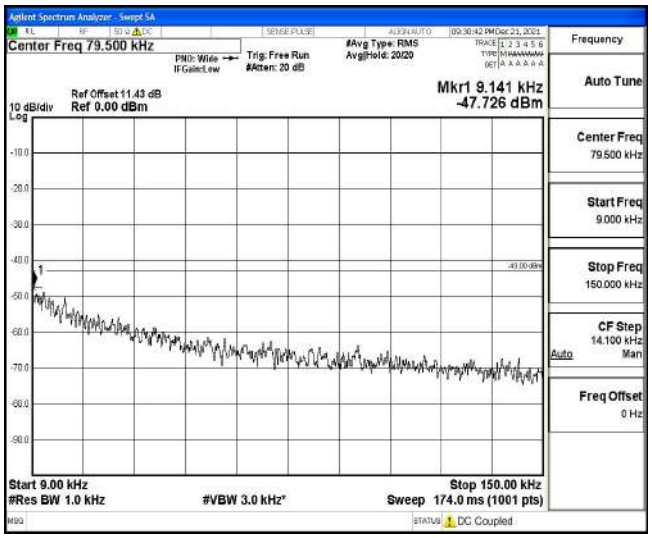
Band66-5MHz-16QAM-132647-1-0-High-30-1000--34.9-PASS



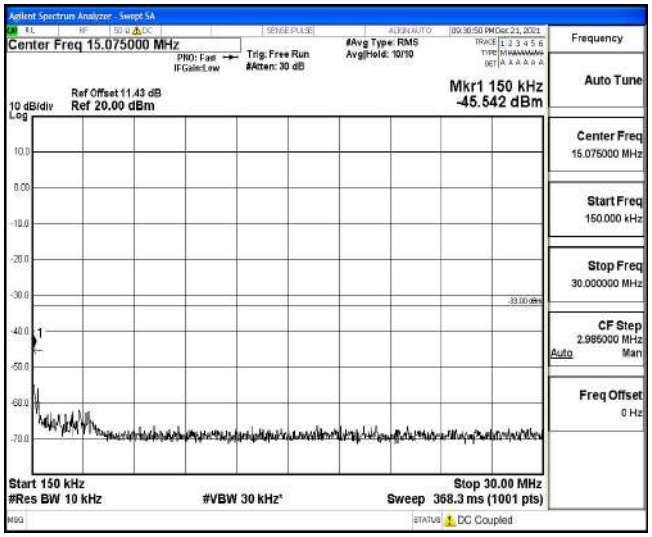
Band66-5MHz-16QAM-132647-1-0-High-1000-10000--39.93-PASS



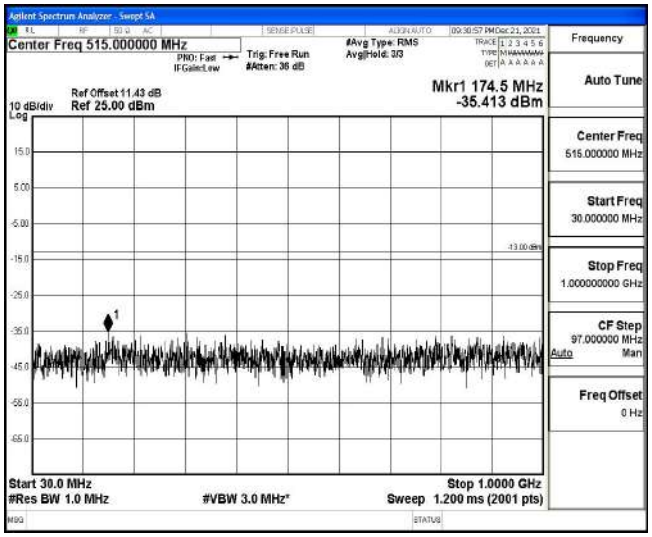
Band66-5MHz-16QAM-132647-1-0-High-10000-20000--32.52-PASS



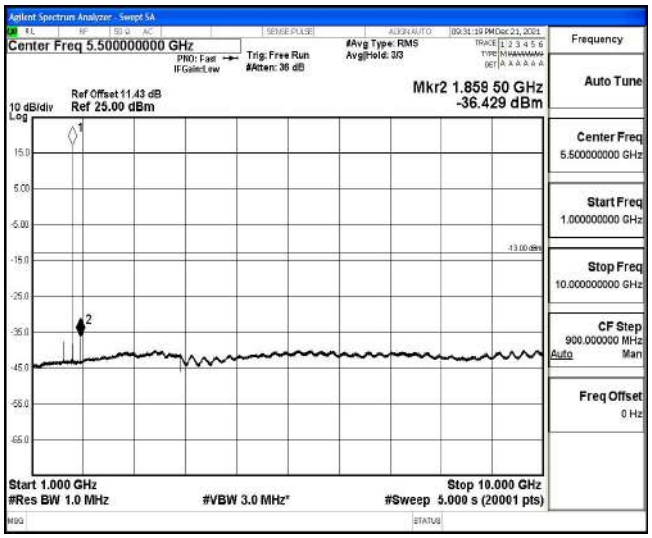
Band66-10MHz-QPSK-132022-1-0-Low-0.009-0.15--47.73-PASS



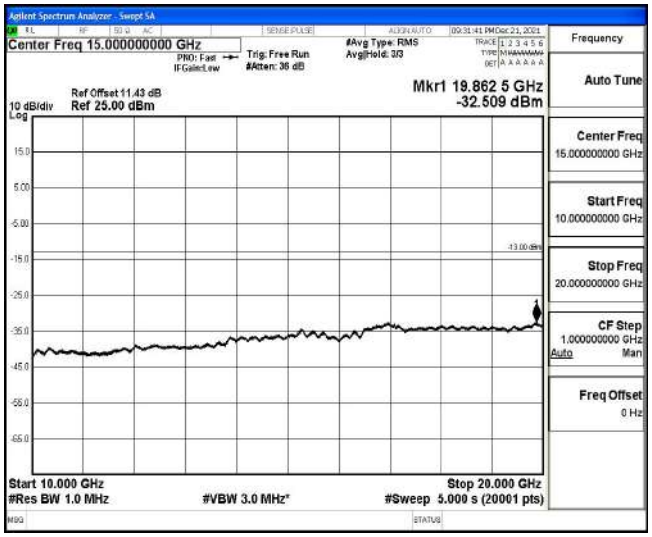
Band66-10MHz-QPSK-132022-1-0-Low-0.15-30--45.54-PASS



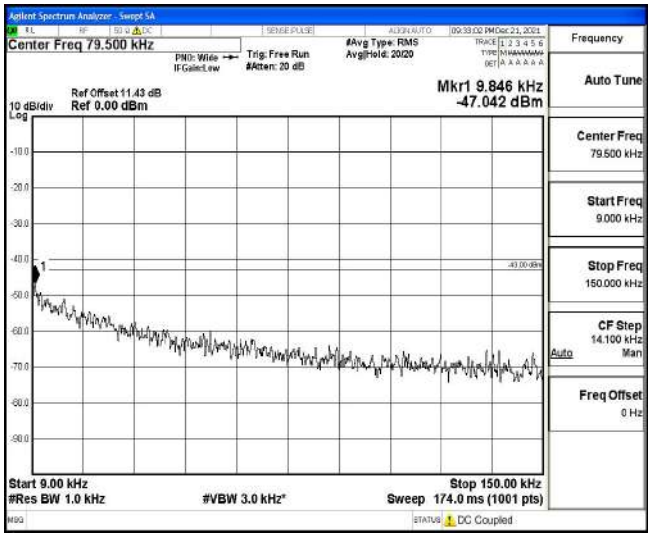
Band66-10MHz-QPSK-132022-1-0-Low-30-1000--35.41-PASS



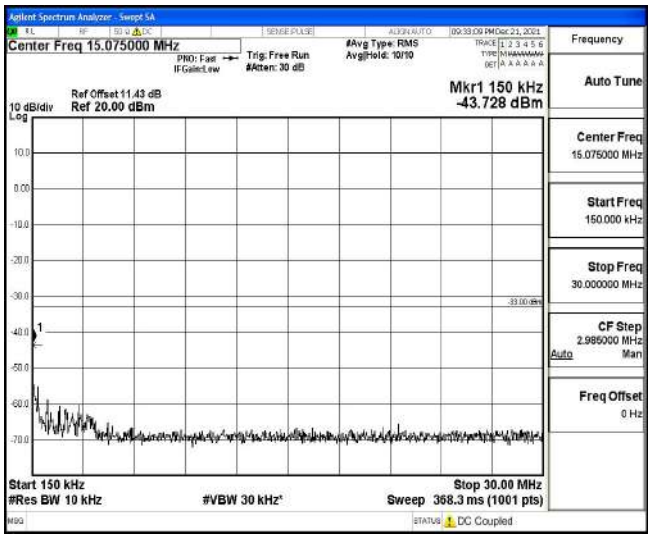
Band66-10MHz-QPSK-132022-1-0-Low-1000-10000--36.43-PASS



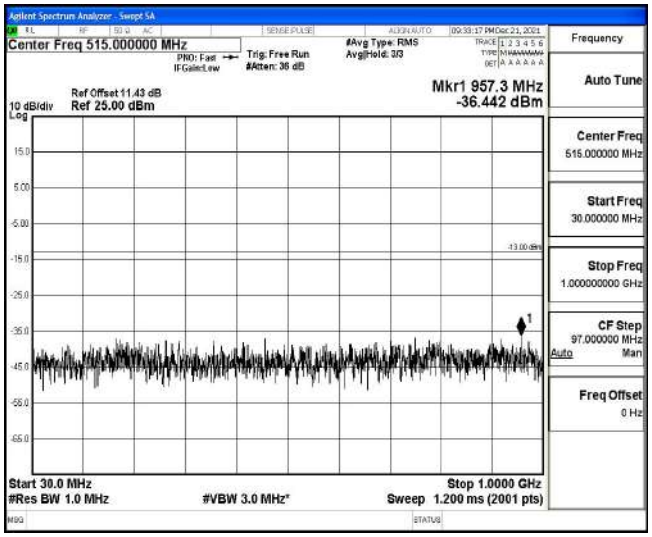
Band66-10MHz-QPSK-132022-1-0-Low-10000-20000--32.51-PASS



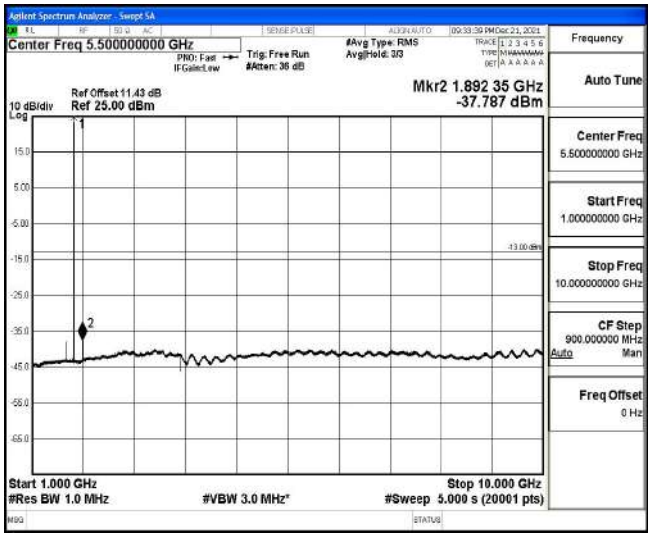
Band66-10MHz-QPSK-132322-1-0-Low-0.009-0.15--47.04-PASS



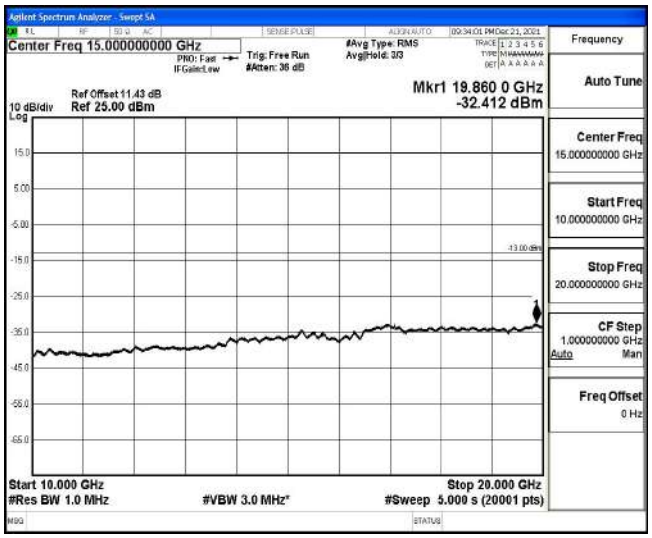
Band66-10MHz-QPSK-132322-1-0-Low-0.15-30--43.73-PASS



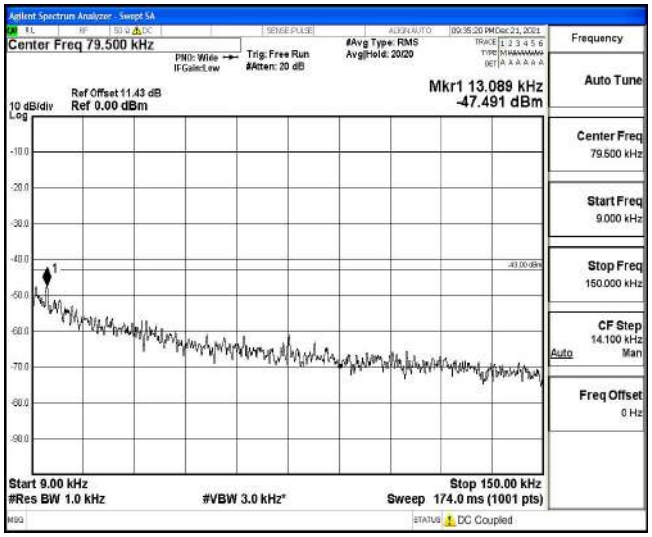
Band66-10MHz-QPSK-132322-1-0-Low-30-1000--36.44-PASS



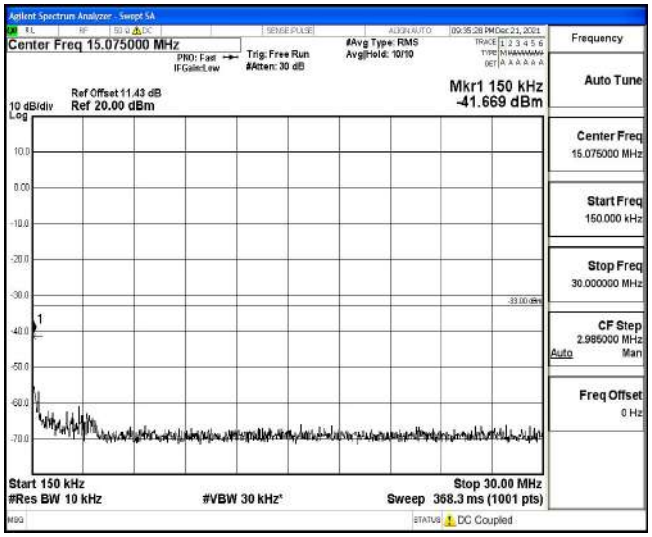
Band66-10MHz-QPSK-132322-1-0-Low-1000-10000--37.79-PASS



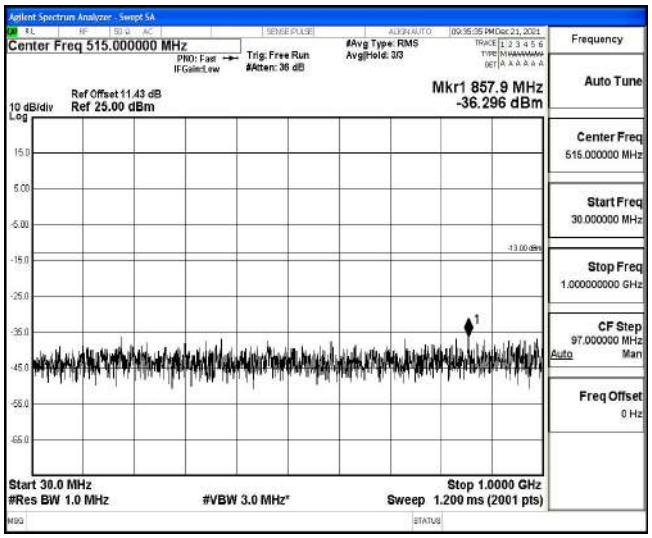
Band66-10MHz-QPSK-132322-1-0-Low-10000-20000--32.41-PASS



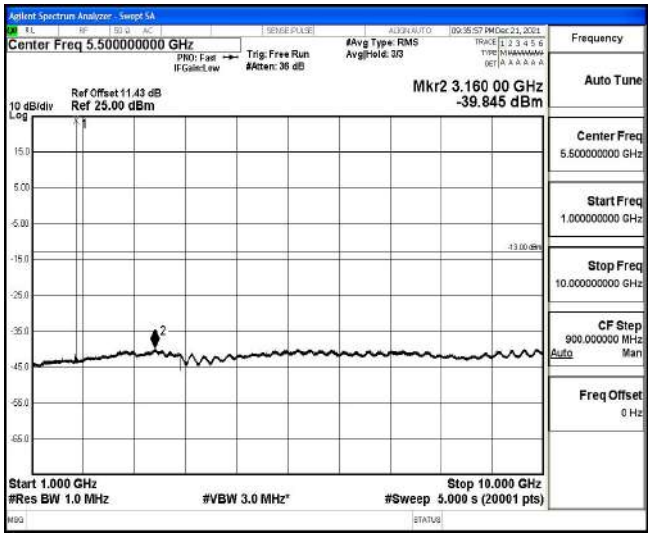
Band66-10MHz-QPSK-132622-1-0-High-0.009-0.15--47.49-PASS



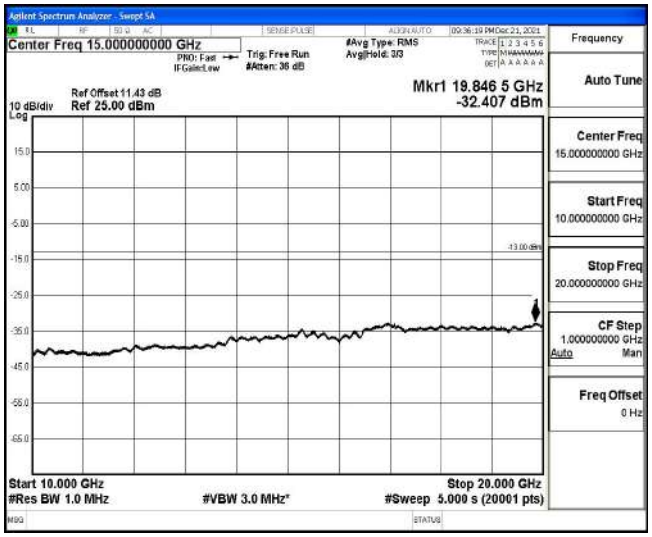
Band66-10MHz-QPSK-132622-1-0-High-0.15-30--41.67-PASS



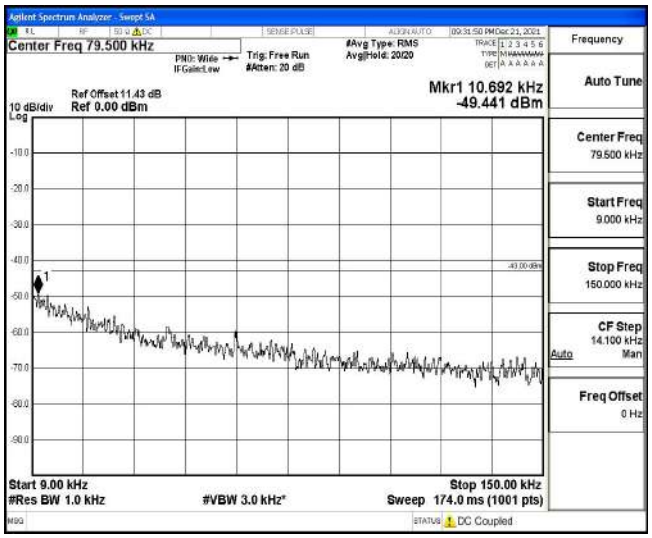
Band66-10MHz-QPSK-132622-1-0-High-30-1000--36.3-PASS



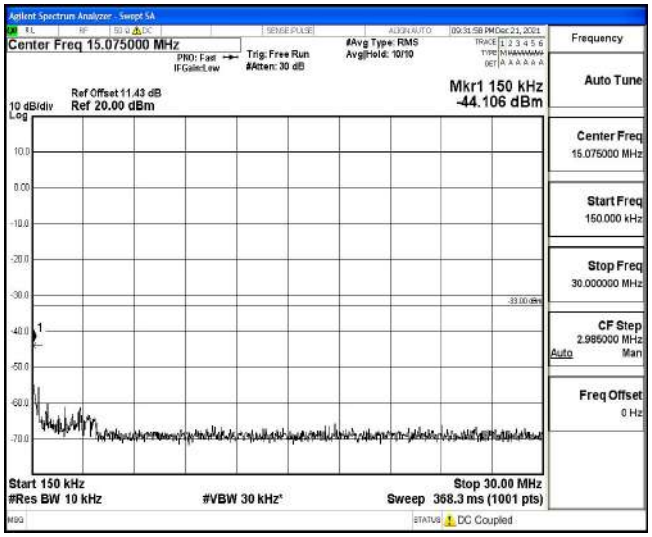
Band66-10MHz-QPSK-132622-1-0-High-1000-10000--39.85-PASS



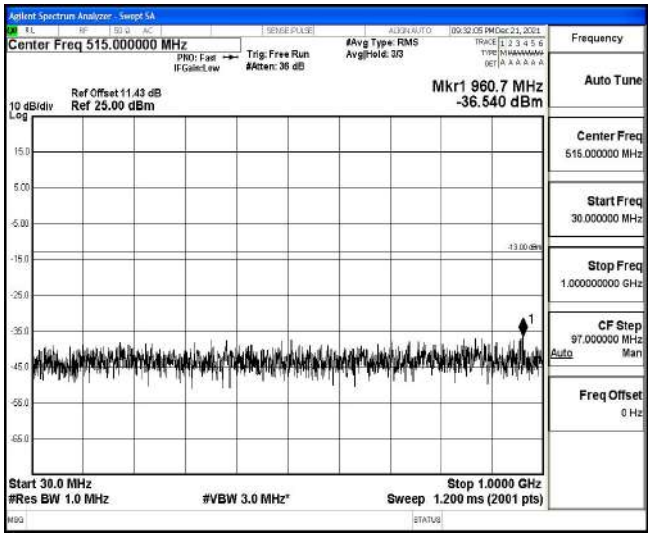
Band66-10MHz-QPSK-132622-1-0-High-10000-20000--32.41-PASS



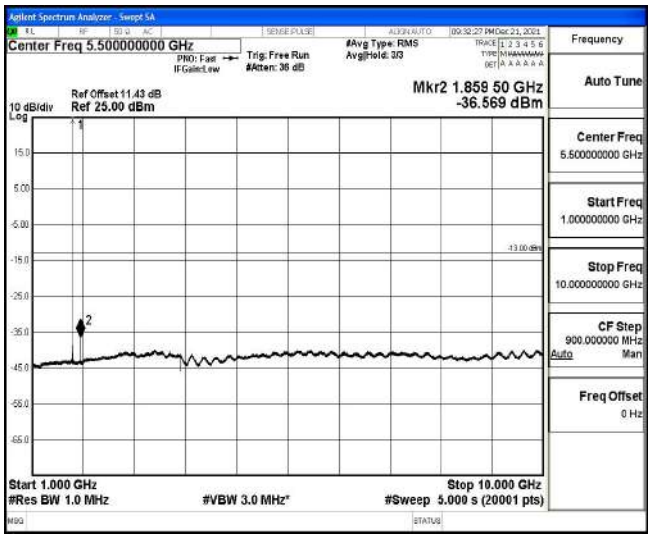
Band66-10MHz-16QAM-132022-1-0-Low-0.009-0.15--49.44-PASS



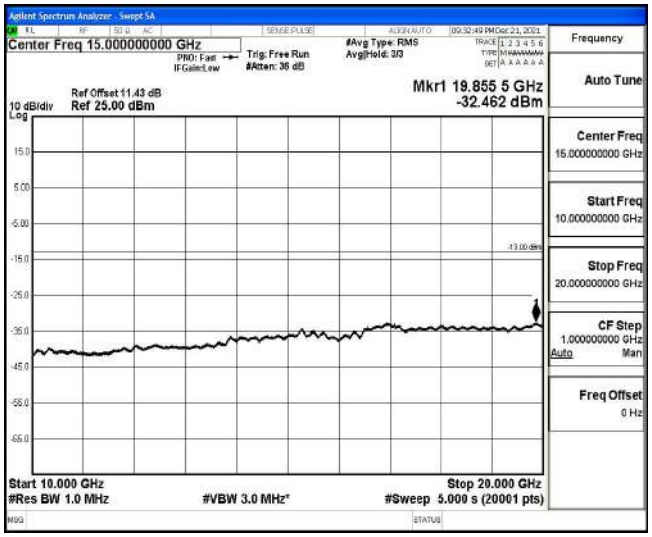
Band66-10MHz-16QAM-132022-1-0-Low-0.15-30--44.11-PASS



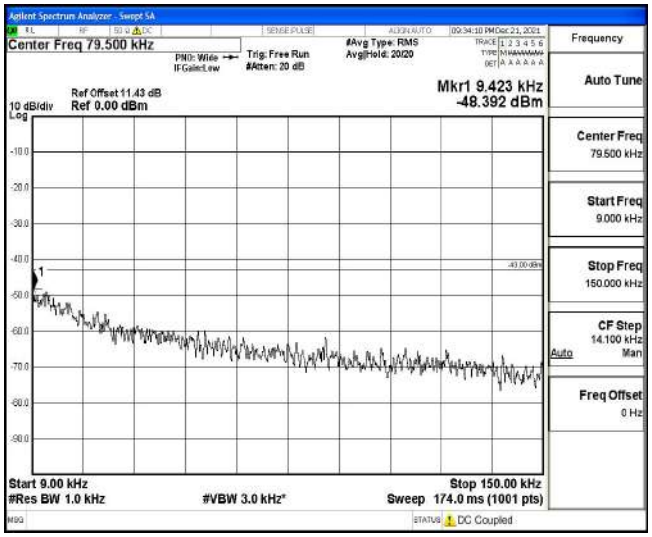
Band66-10MHz-16QAM-132022-1-0-Low-30-1000--36.54-PASS



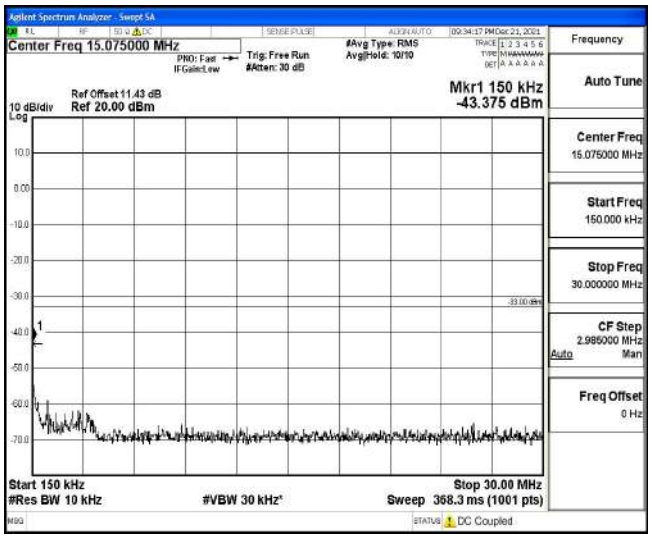
Band66-10MHz-16QAM-132022-1-0-Low-1000-10000--36.57-PASS



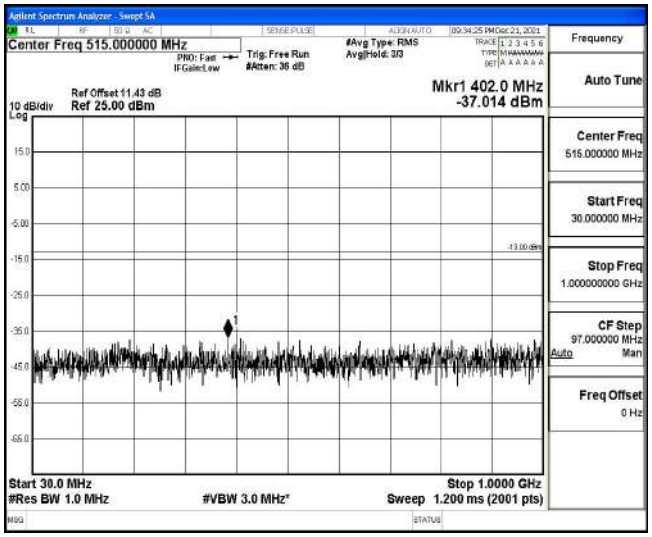
Band66-10MHz-16QAM-132022-1-0-Low-10000-20000--32.46-PASS



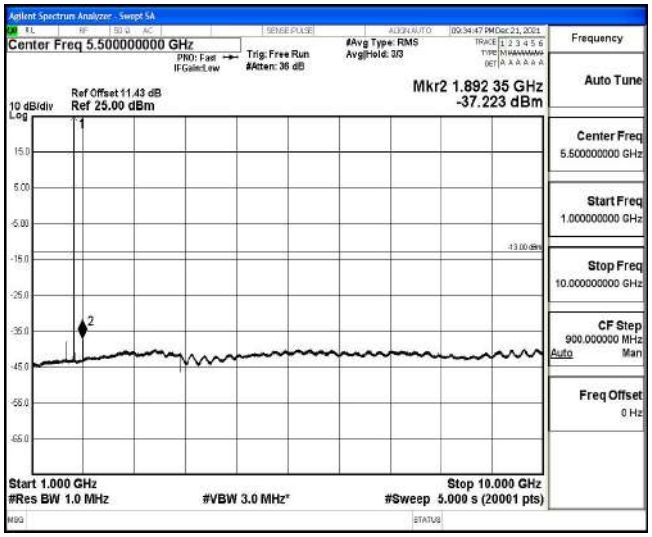
Band66-10MHz-16QAM-132322-1-0-Low-0.009-0.15--48.39-PASS



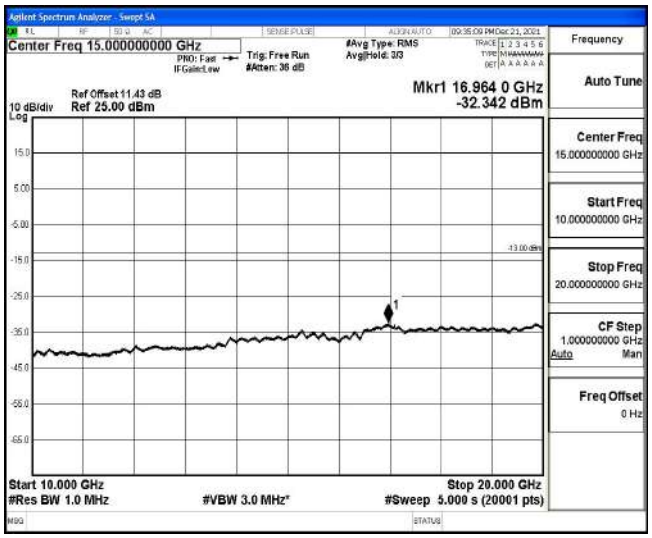
Band66-10MHz-16QAM-132322-1-0-Low-0.15-30--43.38-PASS



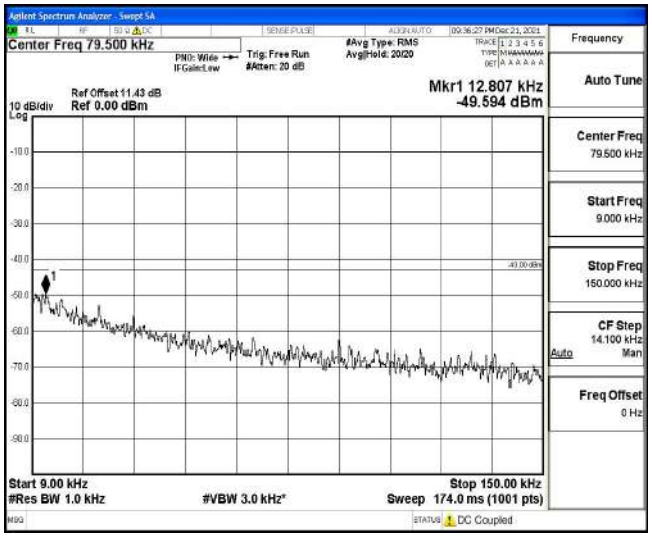
Band66-10MHz-16QAM-132322-1-0-Low-30-1000--37.01-PASS



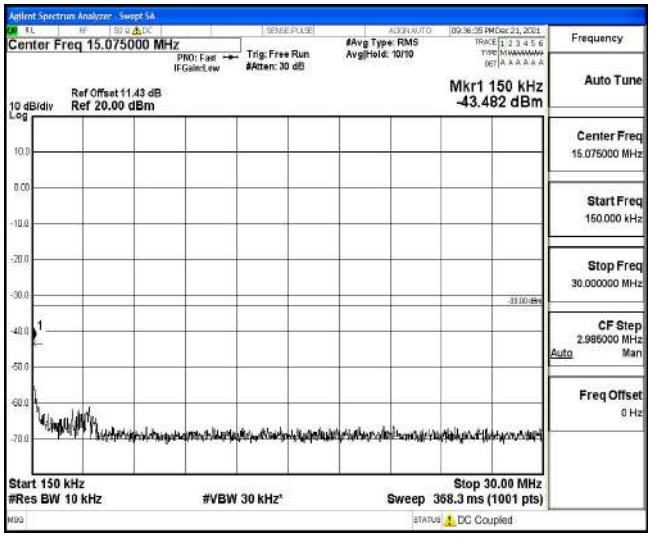
Band66-10MHz-16QAM-132322-1-0-Low-1000-10000--37.22-PASS



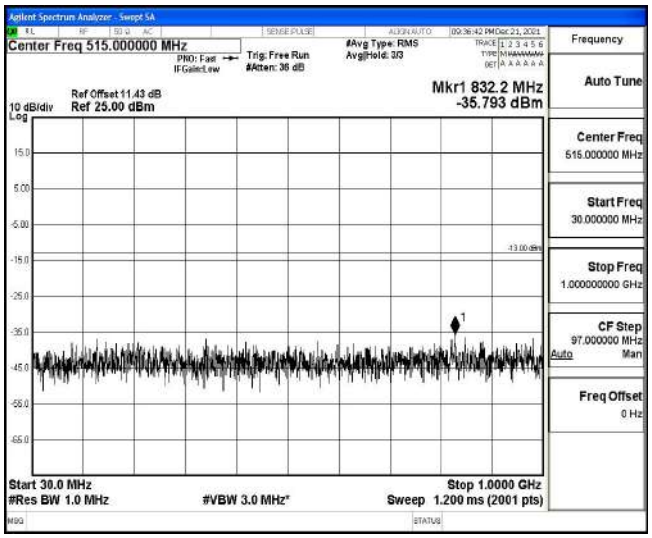
Band66-10MHz-16QAM-132322-1-0-Low-10000-20000--32.34-PASS



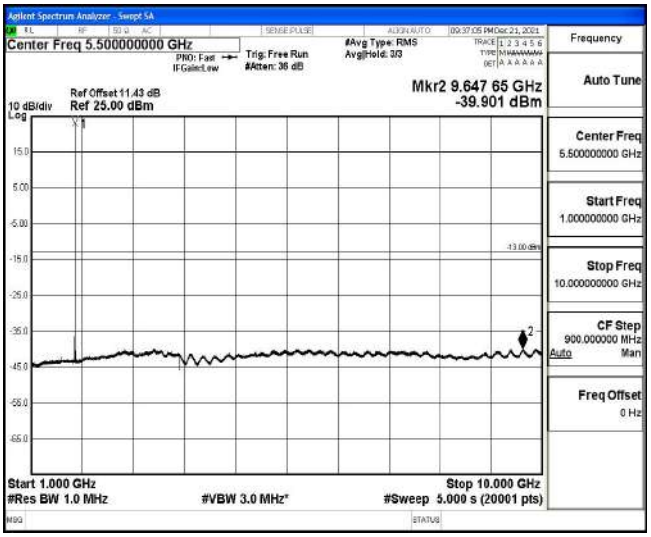
Band66-10MHz-16QAM-132622-1-0-High-0.009-0.15--49.59-PASS



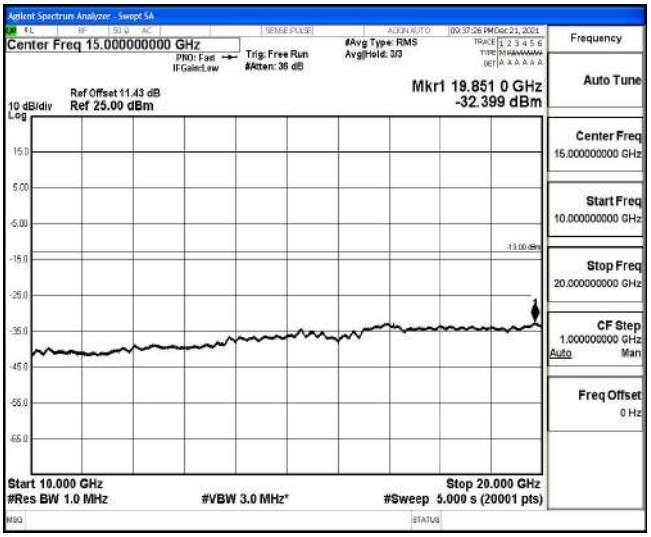
Band66-10MHz-16QAM-132622-1-0-High-0.15-30--43.48-PASS



Band66-10MHz-16QAM-132622-1-0-High-30-1000--35.79-PASS



Band66-10MHz-16QAM-132622-1-0-High-1000-10000--39.9-PASS



Band66-10MHz-16QAM-132622-1-0-High-10000-20000--32.4-PASS