

Band7	10MHz	16QAM	21100	50RB#0	NV	50	-23.12	-0.009120	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	-14.56	-0.005676	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	-7.98	-0.003111	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-10	-25.33	-0.009875	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	-8.38	-0.003267	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	-19.58	-0.007634	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	-20.53	-0.008004	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	30	-8.61	-0.003357	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	40	-18.80	-0.007329	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	50	-22.83	-0.008901	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	-14.79	-0.005898	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	-11.83	-0.004718	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-10	-18.65	-0.007438	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	-5.31	-0.002118	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	-7.77	-0.003099	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	-4.01	-0.001599	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	30	-17.27	-0.006887	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	40	-13.83	-0.005515	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	50	-16.11	-0.006425	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	-27.59	-0.010884	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	-15.26	-0.006020	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-10	-22.79	-0.008990	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-17.34	-0.006840	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-18.01	-0.007105	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	-22.09	-0.008714	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	30	-23.57	-0.009298	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	40	-18.40	-0.007258	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	50	-12.03	-0.004746	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	-27.69	-0.010806	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	-22.57	-0.008808	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-10	-28.47	-0.011110	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	-17.82	-0.006954	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	-27.42	-0.010700	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	-16.34	-0.006377	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	30	-27.15	-0.010595	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	40	-22.97	-0.008964	±2.5	PASS

Band7	15MHz	QPSK	21375	75RB#0	NV	50	-23.52	-0.009179	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-30	-13.03	-0.005196	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-20	-18.88	-0.007529	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-10	-20.50	-0.008175	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	-16.77	-0.006688	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	-8.60	-0.003430	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	-16.52	-0.006588	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	30	-18.53	-0.007390	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	40	-13.38	-0.005336	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	50	-18.22	-0.007266	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-30	-15.78	-0.006225	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-20	-23.22	-0.009160	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-10	-22.24	-0.008773	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	-12.80	-0.005049	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	-16.51	-0.006513	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	-21.10	-0.008323	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	30	-13.26	-0.005231	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	40	-20.74	-0.008181	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	50	-10.57	-0.004170	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-30	-27.77	-0.010837	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-20	-30.76	-0.012004	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-10	-23.36	-0.009116	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	-28.77	-0.011227	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	-15.94	-0.006220	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	20	-27.61	-0.010775	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	30	-28.55	-0.011141	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	40	-20.00	-0.007805	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	50	-27.17	-0.010603	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	-25.58	-0.010191	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	-28.75	-0.011454	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-10	-35.33	-0.014076	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	-34.43	-0.013717	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	-30.94	-0.012327	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	-41.31	-0.016458	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	-15.25	-0.006076	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	-15.81	-0.006299	±2.5	PASS

Band7	20MHz	QPSK	20850	100RB#0	NV	50	-33.57	-0.013375	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-23.40	-0.009231	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-22.70	-0.008955	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-10	-9.70	-0.003826	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-12.20	-0.004813	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-23.73	-0.009361	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-11.97	-0.004722	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-25.82	-0.010185	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-26.69	-0.010529	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-19.80	-0.007811	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	-18.00	-0.007031	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-19.31	-0.007543	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-10	-11.07	-0.004324	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-16.22	-0.006336	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	-18.98	-0.007414	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-15.05	-0.005879	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	-13.99	-0.005465	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	-16.65	-0.006504	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	-16.16	-0.006313	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	-31.61	-0.012594	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	-34.70	-0.013825	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-10	-33.95	-0.013526	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	-31.60	-0.012590	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	-25.18	-0.010032	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	-23.86	-0.009506	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	-27.19	-0.010833	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	-24.13	-0.009614	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	-14.02	-0.005586	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-25.99	-0.010252	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-11.97	-0.004722	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-10	-18.58	-0.007329	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-13.50	-0.005325	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-17.51	-0.006907	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-21.70	-0.008560	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	-22.67	-0.008943	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	-21.40	-0.008442	±2.5	PASS

Band7	20MHz	16QAM	21100	100RB#0	NV	50	-11.29	-0.004454	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	-18.70	-0.007305	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	8.64	0.003375	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-10	-7.48	-0.002922	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	-16.84	-0.006578	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	-4.89	-0.001910	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	-15.18	-0.005930	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	-6.39	-0.002496	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	-9.21	-0.003598	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	-14.89	-0.005816	±2.5	PASS

\*\*\* The End \*\*\*

# LTE Band 12 Test Data

**Product Name** : Tablet  
**Model Number** : xTablet T1190  
**FCC ID** : O86T1190

Applicant:	MobileDemand, L.C. 1501 Boyson Sq Dr, Ste 101 Hiawatha, Iowa, 52233, United States
Manufacturer:	MobileDemand, L.C. No.88 East Qianjin Road, Kunshan city, Jiangsu province, China
Product Description:	Tablet
Trademark:	MobileDemand
Model Number:	xTablet T1190

## Appendix A: RF POWER OUTPUT

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	64QAM	23017	1RB#0	21.25	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	21.36	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	21.22	PASS
Band12	1.4MHz	64QAM	23017	3RB#0	21.10	PASS
Band12	1.4MHz	64QAM	23017	3RB#1	21.13	PASS
Band12	1.4MHz	64QAM	23017	3RB#3	21.11	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	20.31	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	21.21	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	21.24	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	21.17	PASS
Band12	1.4MHz	64QAM	23095	3RB#0	21.12	PASS
Band12	1.4MHz	64QAM	23095	3RB#1	21.13	PASS
Band12	1.4MHz	64QAM	23095	3RB#3	21.09	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	20.15	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	21.17	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	21.24	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.14	PASS
Band12	1.4MHz	64QAM	23173	3RB#0	21.16	PASS
Band12	1.4MHz	64QAM	23173	3RB#1	21.15	PASS
Band12	1.4MHz	64QAM	23173	3RB#3	21.16	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	20.39	PASS
Band12	3MHz	64QAM	23025	1RB#0	21.38	PASS
Band12	3MHz	64QAM	23025	1RB#8	21.41	PASS
Band12	3MHz	64QAM	23025	1RB#14	21.34	PASS
Band12	3MHz	64QAM	23025	8RB#0	20.44	PASS
Band12	3MHz	64QAM	23025	8RB#4	20.45	PASS
Band12	3MHz	64QAM	23025	8RB#7	20.41	PASS
Band12	3MHz	64QAM	23025	15RB#0	20.48	PASS
Band12	3MHz	64QAM	23095	1RB#0	21.30	PASS
Band12	3MHz	64QAM	23095	1RB#8	21.26	PASS
Band12	3MHz	64QAM	23095	1RB#14	21.23	PASS
Band12	3MHz	64QAM	23095	8RB#0	20.37	PASS



Band12	3MHz	64QAM	23095	8RB#4	20.35	PASS
Band12	3MHz	64QAM	23095	8RB#7	20.32	PASS
Band12	3MHz	64QAM	23095	15RB#0	20.29	PASS
Band12	3MHz	64QAM	23165	1RB#0	21.25	PASS
Band12	3MHz	64QAM	23165	1RB#8	21.26	PASS
Band12	3MHz	64QAM	23165	1RB#14	21.38	PASS
Band12	3MHz	64QAM	23165	8RB#0	20.53	PASS
Band12	3MHz	64QAM	23165	8RB#4	20.57	PASS
Band12	3MHz	64QAM	23165	8RB#7	20.67	PASS
Band12	3MHz	64QAM	23165	15RB#0	20.42	PASS
Band12	5MHz	64QAM	23035	1RB#0	21.43	PASS
Band12	5MHz	64QAM	23035	1RB#12	21.48	PASS
Band12	5MHz	64QAM	23035	1RB#24	21.47	PASS
Band12	5MHz	64QAM	23035	12RB#0	20.45	PASS
Band12	5MHz	64QAM	23035	12RB#6	20.39	PASS
Band12	5MHz	64QAM	23035	12RB#13	20.47	PASS
Band12	5MHz	64QAM	23035	25RB#0	20.39	PASS
Band12	5MHz	64QAM	23095	1RB#0	21.50	PASS
Band12	5MHz	64QAM	23095	1RB#12	21.52	PASS
Band12	5MHz	64QAM	23095	1RB#24	21.45	PASS
Band12	5MHz	64QAM	23095	12RB#0	20.48	PASS
Band12	5MHz	64QAM	23095	12RB#6	20.51	PASS
Band12	5MHz	64QAM	23095	12RB#13	20.47	PASS
Band12	5MHz	64QAM	23095	25RB#0	20.35	PASS
Band12	5MHz	64QAM	23155	1RB#0	21.26	PASS
Band12	5MHz	64QAM	23155	1RB#12	21.41	PASS
Band12	5MHz	64QAM	23155	1RB#24	21.49	PASS
Band12	5MHz	64QAM	23155	12RB#0	20.37	PASS
Band12	5MHz	64QAM	23155	12RB#6	20.34	PASS
Band12	5MHz	64QAM	23155	12RB#13	20.44	PASS
Band12	5MHz	64QAM	23155	25RB#0	20.41	PASS
Band12	10MHz	64QAM	23060	1RB#0	21.43	PASS
Band12	10MHz	64QAM	23060	1RB#24	21.43	PASS
Band12	10MHz	64QAM	23060	1RB#49	21.44	PASS
Band12	10MHz	64QAM	23060	25RB#0	20.39	PASS
Band12	10MHz	64QAM	23060	25RB#12	20.38	PASS
Band12	10MHz	64QAM	23060	25RB#25	20.40	PASS

Band12	10MHz	64QAM	23060	50RB#0	20.43	PASS
Band12	10MHz	64QAM	23095	1RB#0	21.39	PASS
Band12	10MHz	64QAM	23095	1RB#24	21.27	PASS
Band12	10MHz	64QAM	23095	1RB#49	21.17	PASS
Band12	10MHz	64QAM	23095	25RB#0	20.48	PASS
Band12	10MHz	64QAM	23095	25RB#12	20.51	PASS
Band12	10MHz	64QAM	23095	25RB#25	20.38	PASS
Band12	10MHz	64QAM	23095	50RB#0	20.45	PASS
Band12	10MHz	64QAM	23130	1RB#0	20.23	PASS
Band12	10MHz	64QAM	23130	1RB#24	20.99	PASS
Band12	10MHz	64QAM	23130	1RB#49	21.22	PASS
Band12	10MHz	64QAM	23130	25RB#0	20.30	PASS
Band12	10MHz	64QAM	23130	25RB#12	20.30	PASS
Band12	10MHz	64QAM	23130	25RB#25	20.27	PASS
Band12	10MHz	64QAM	23130	50RB#0	20.24	PASS



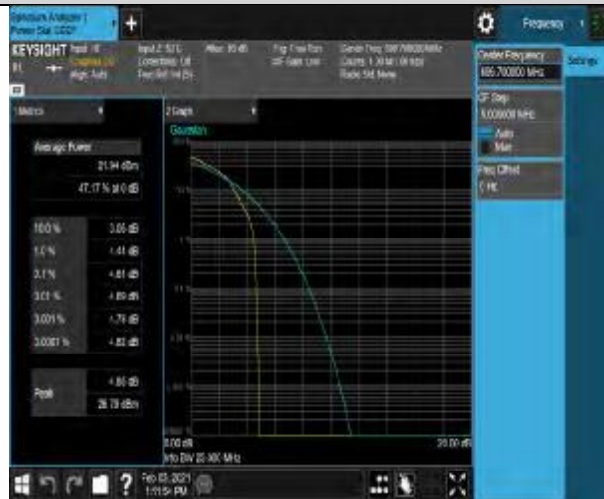
## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

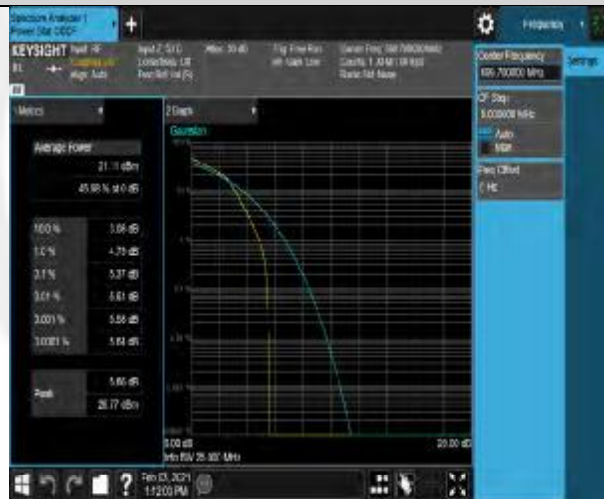
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	64QAM	23017	1RB#0	4.61	13	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	5.37	13	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	5.99	13	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	5.95	13	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	4.88	13	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	5.92	13	PASS
Band12	3MHz	64QAM	23025	1RB#0	4.41	13	PASS
Band12	3MHz	64QAM	23025	15RB#0	5.36	13	PASS
Band12	3MHz	64QAM	23095	1RB#0	5.37	13	PASS
Band12	3MHz	64QAM	23095	15RB#0	5.88	13	PASS
Band12	3MHz	64QAM	23165	1RB#0	4.32	13	PASS
Band12	3MHz	64QAM	23165	15RB#0	5.48	13	PASS
Band12	5MHz	64QAM	23035	1RB#0	4.40	13	PASS
Band12	5MHz	64QAM	23035	25RB#0	5.55	13	PASS
Band12	5MHz	64QAM	23095	1RB#0	5.95	13	PASS
Band12	5MHz	64QAM	23095	25RB#0	5.96	13	PASS
Band12	5MHz	64QAM	23155	1RB#0	4.55	13	PASS
Band12	5MHz	64QAM	23155	25RB#0	5.53	13	PASS
Band12	10MHz	64QAM	23060	1RB#0	4.23	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	5.71	13	PASS
Band12	10MHz	64QAM	23095	1RB#0	4.79	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.07	13	PASS
Band12	10MHz	64QAM	23130	1RB#0	5.34	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	5.96	13	PASS

**Test Graphs**

**Band12-1.4MHz-64QAM-23017-1RB#0**



**Band12-1.4MHz-64QAM-23017-6RB#0**



**Band12-1.4MHz-64QAM-23095-1RB#0**



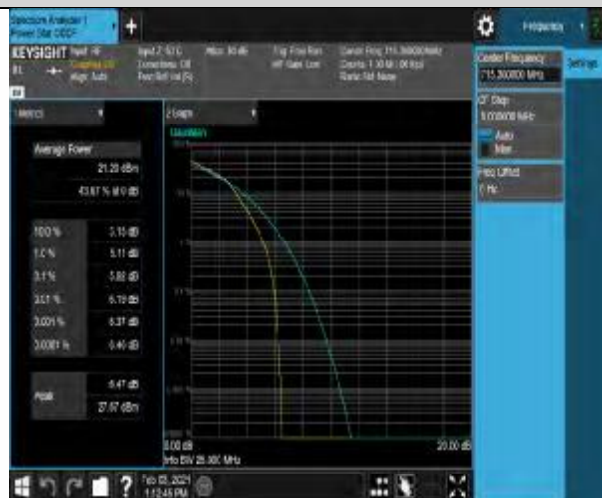
Band12-1.4MHz-64QAM-23095-6RB#0



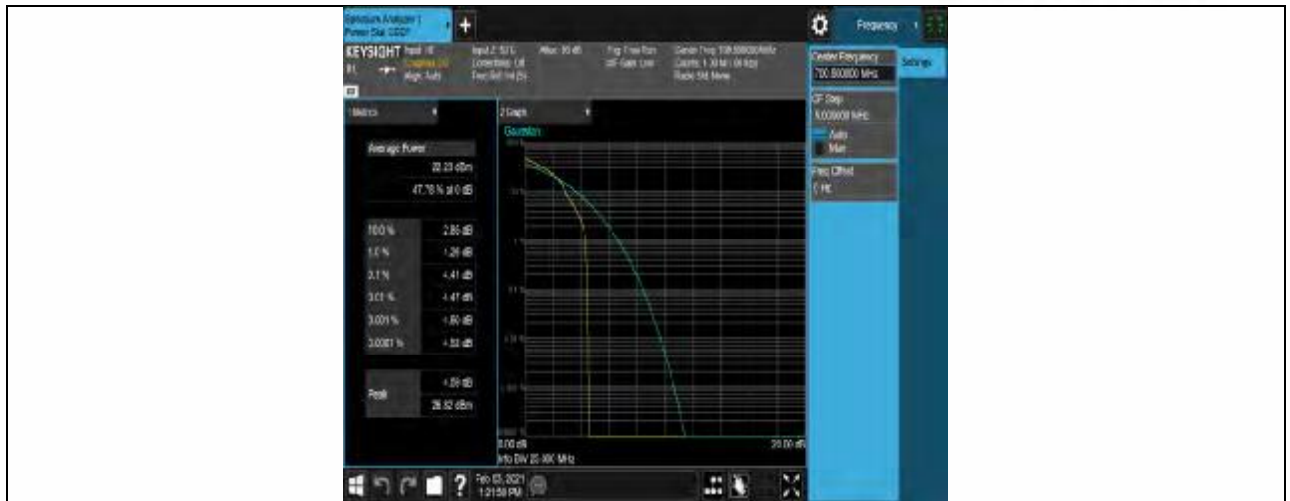
Band12-1.4MHz-64QAM-23173-1RB#0



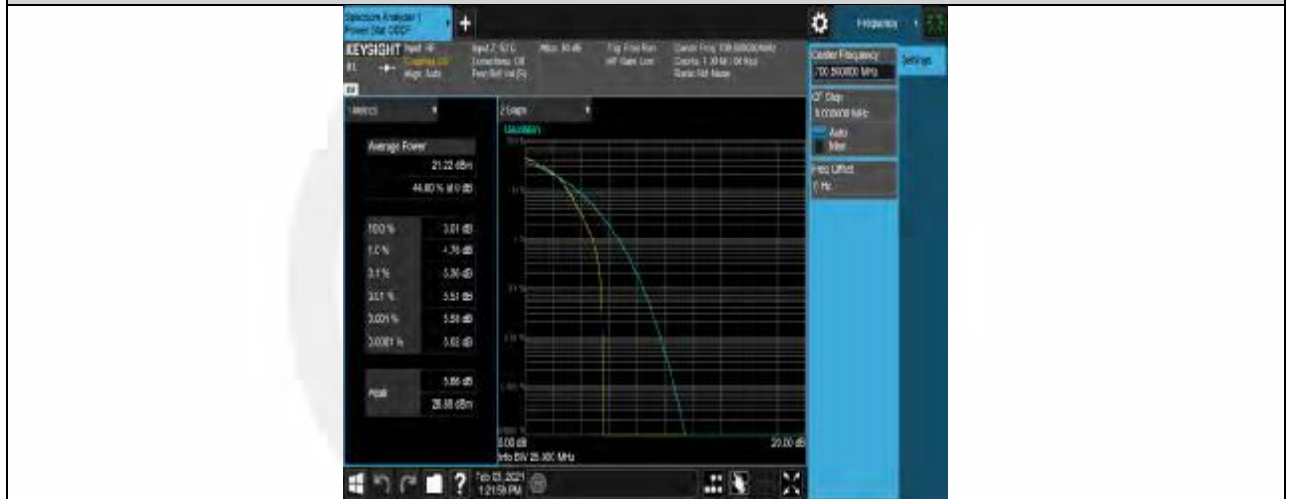
Band12-1.4MHz-64QAM-23173-6RB#0



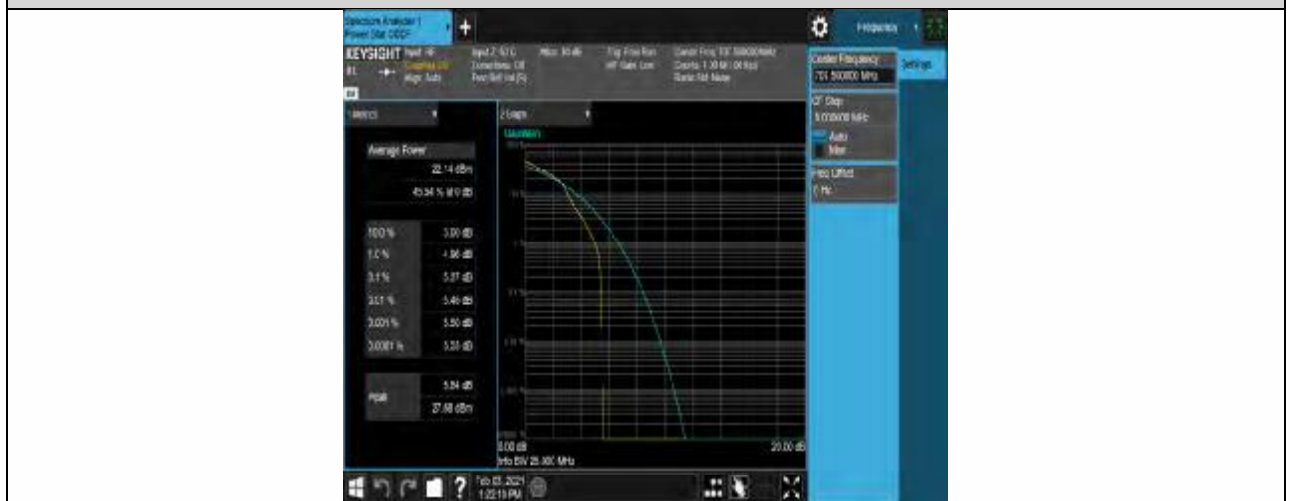
Band12-3MHz-64QAM-23025-1RB#0



Band12-3MHz-64QAM-23025-15RB#0

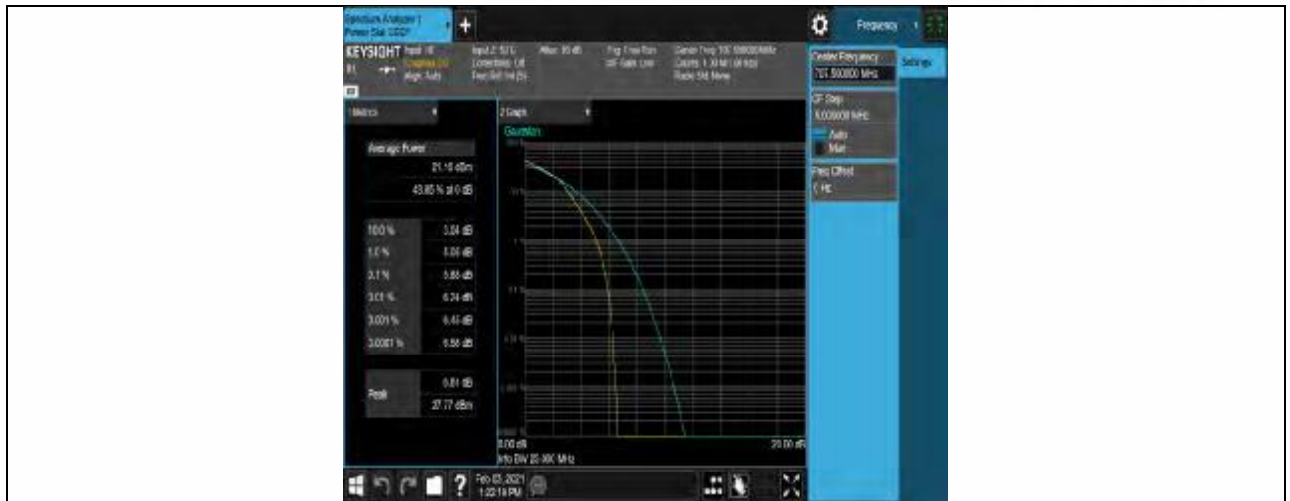


Band12-3MHz-64QAM-23095-1RB#0

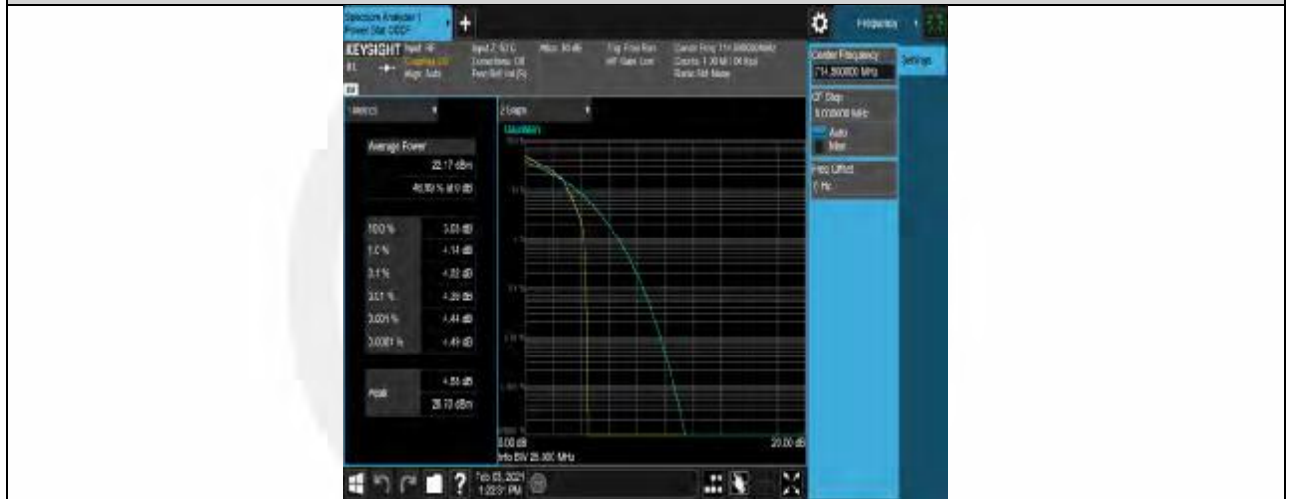


Band12-3MHz-64QAM-23095-15RB#0

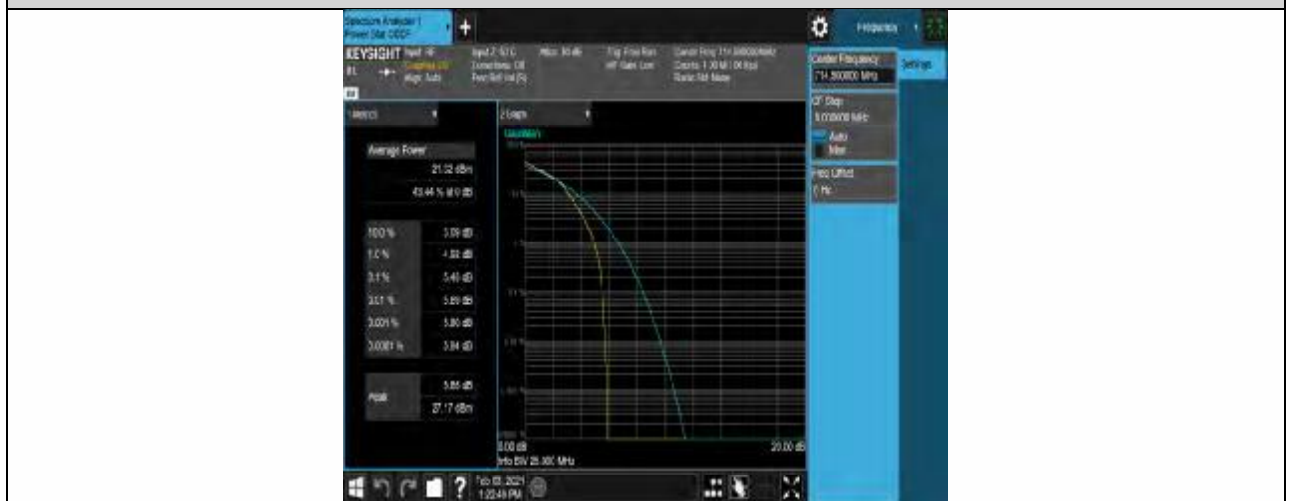




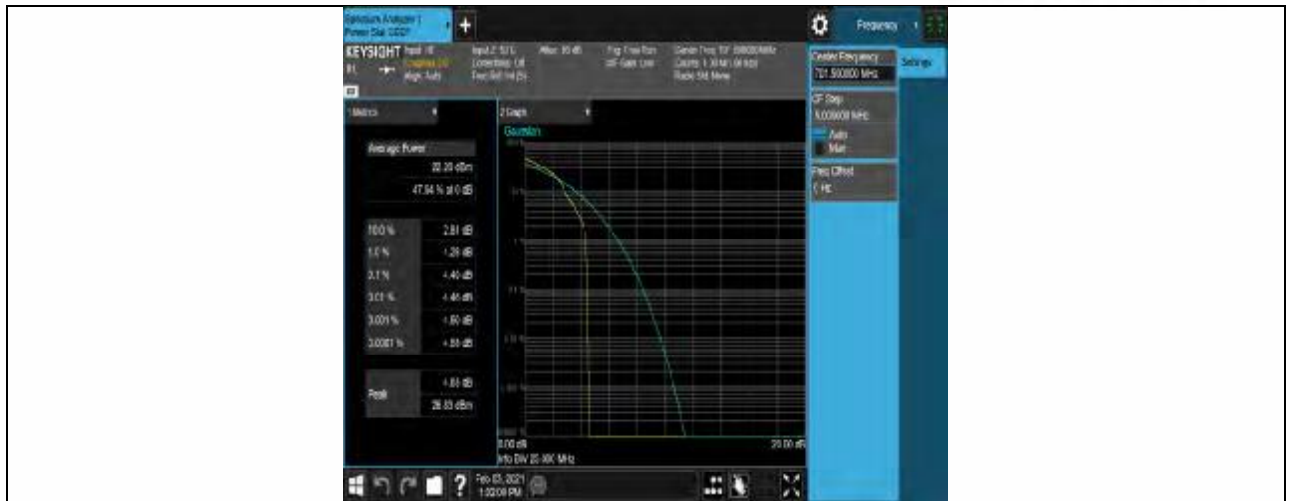
Band12-3MHz-64QAM-23165-1RB#0



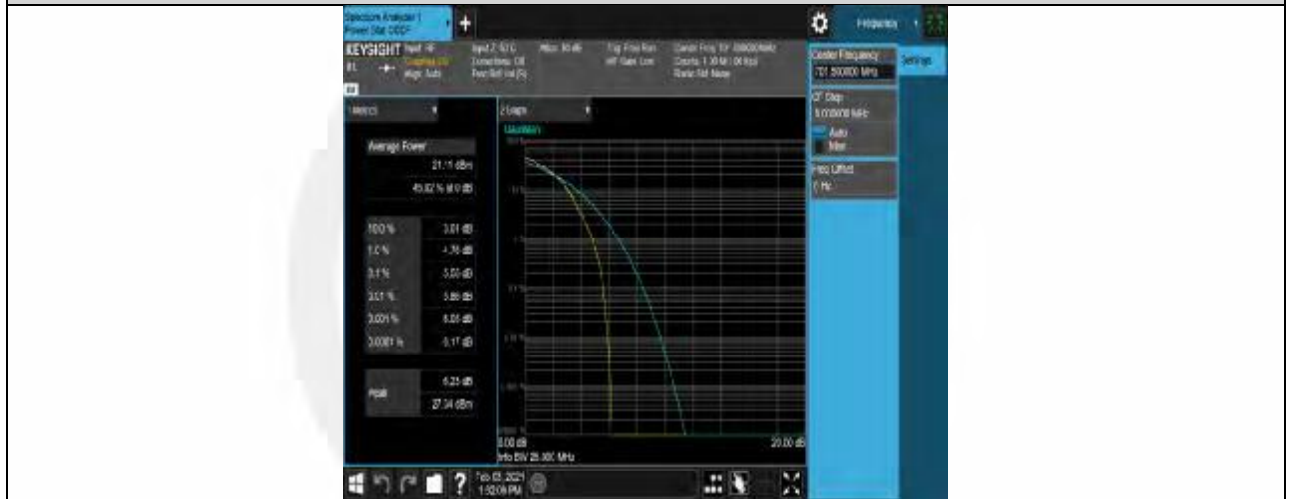
Band12-3MHz-64QAM-23165-15RB#0



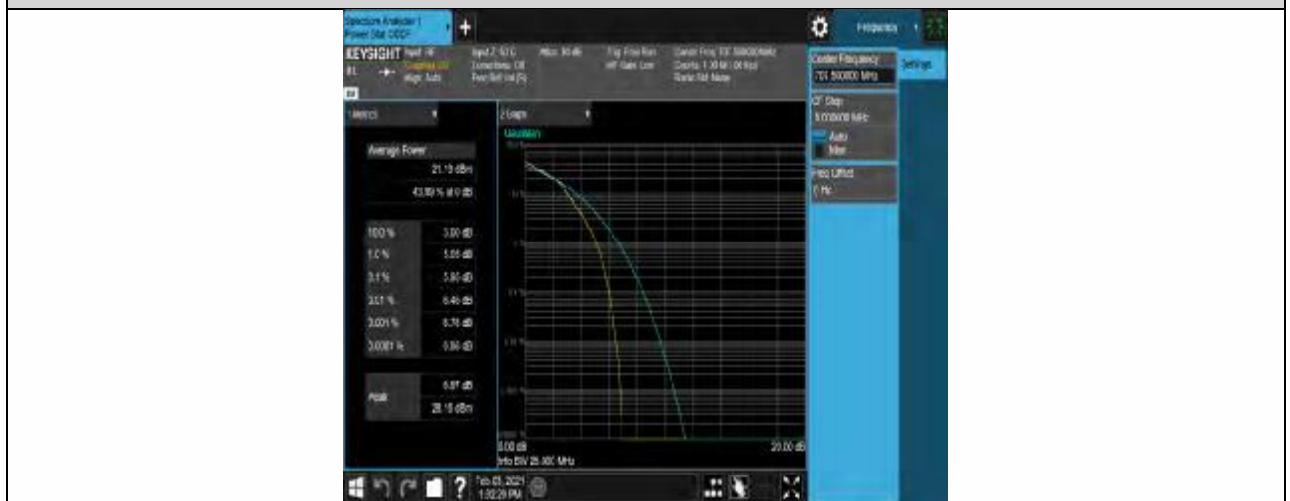
Band12-5MHz-64QAM-23035-1RB#0



Band12-5MHz-64QAM-23035-25RB#0

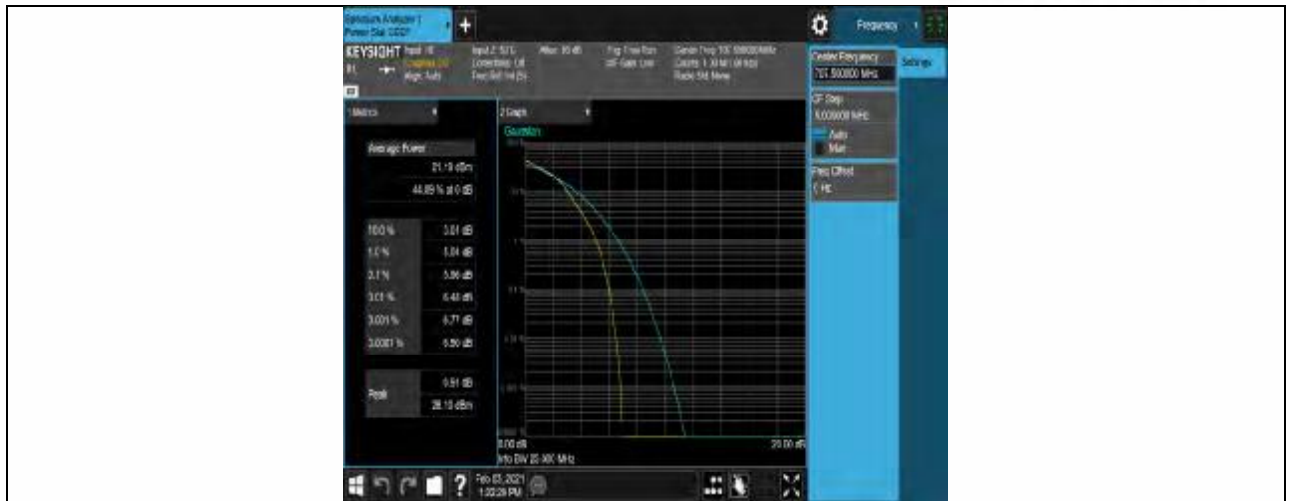


Band12-5MHz-64QAM-23095-1RB#0

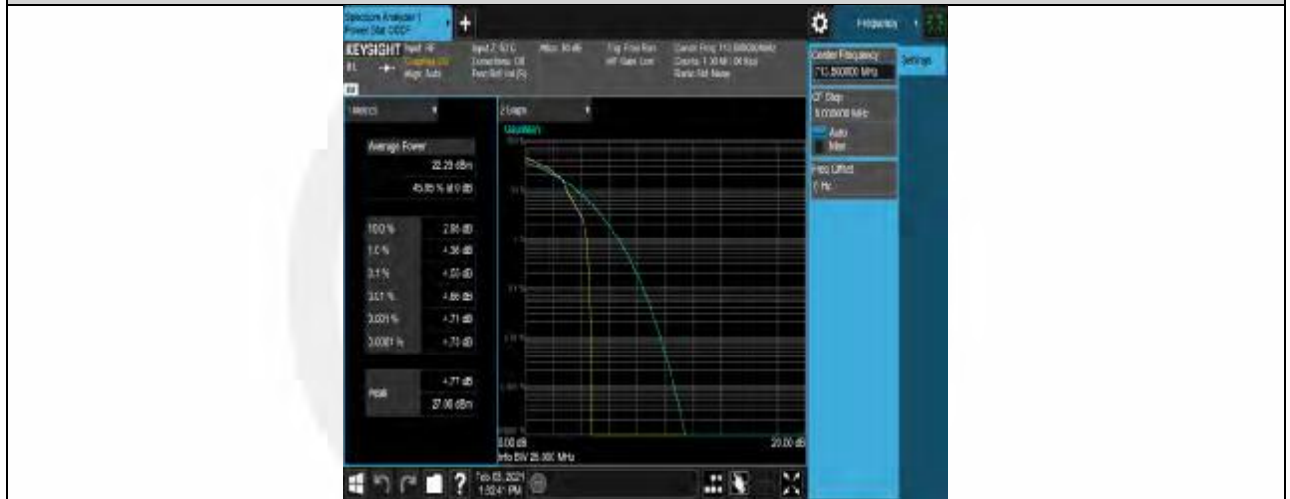


Band12-5MHz-64QAM-23095-25RB#0

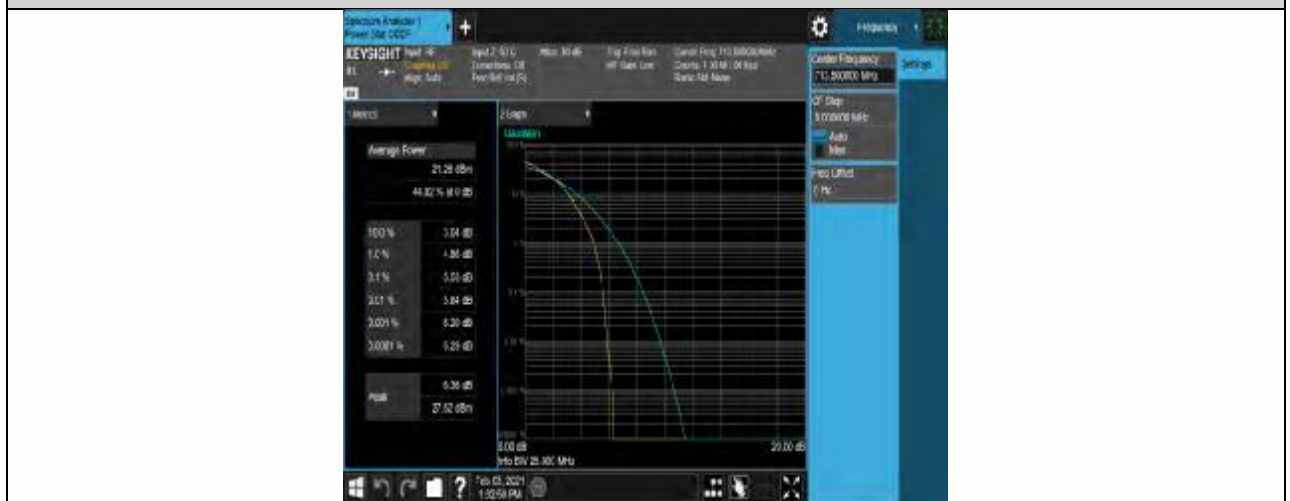




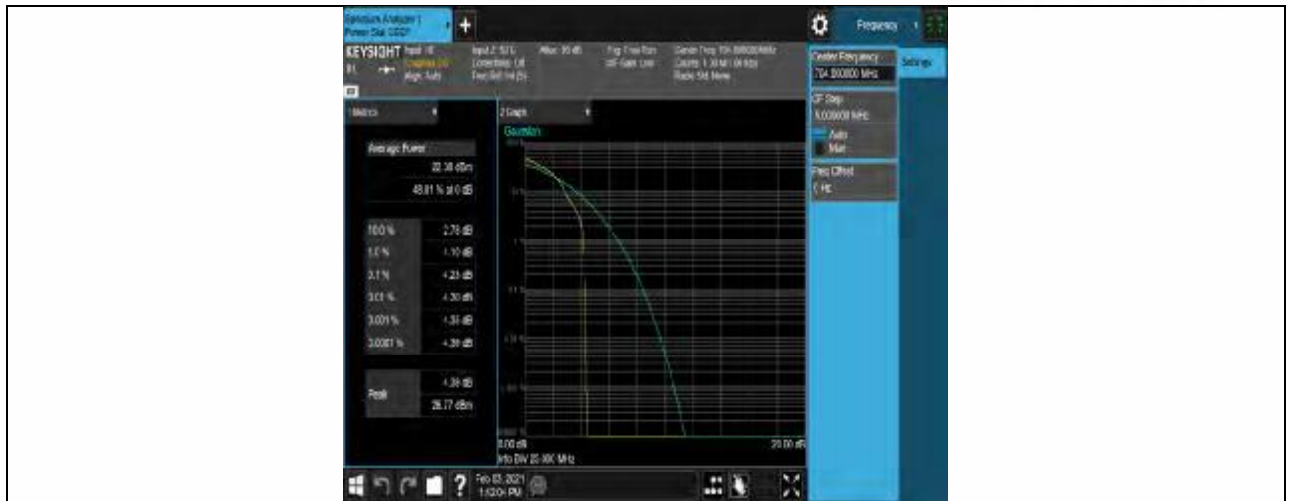
Band12-5MHz-64QAM-23155-1RB#0



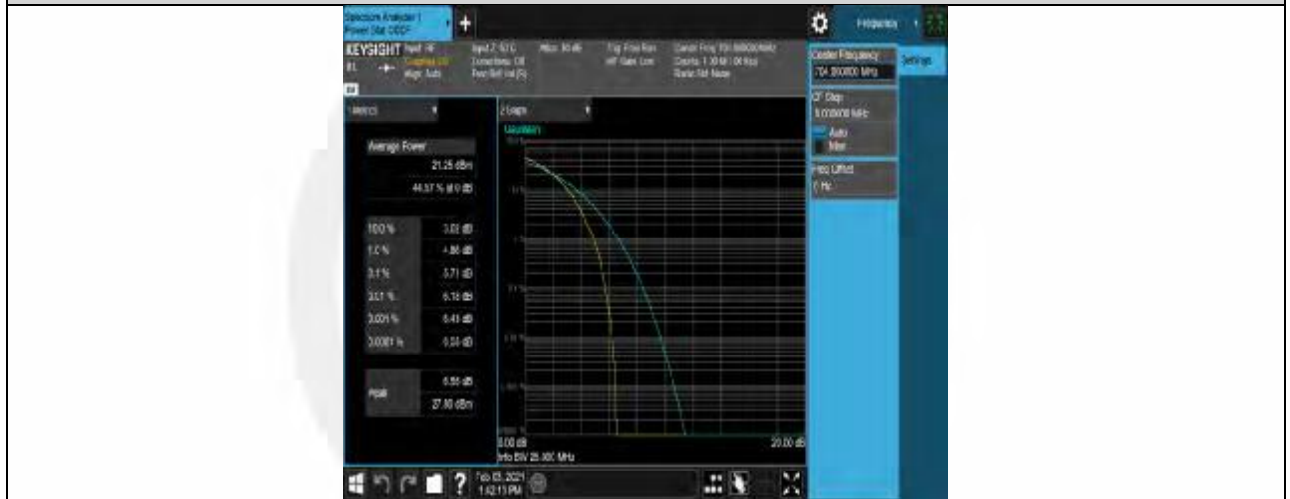
Band12-5MHz-64QAM-23155-25RB#0



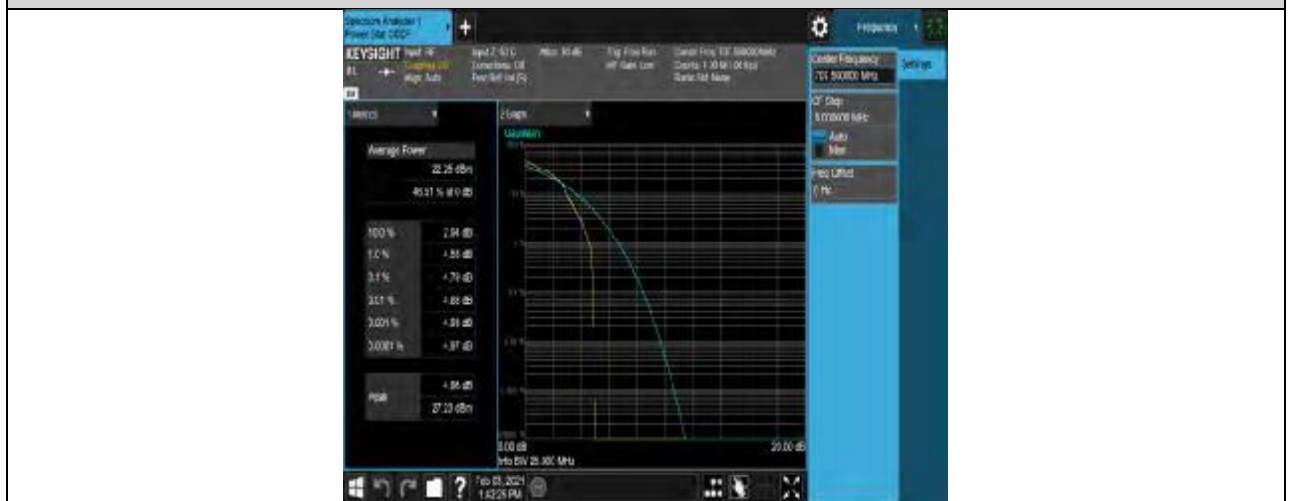
Band12-10MHz-64QAM-23060-1RB#0



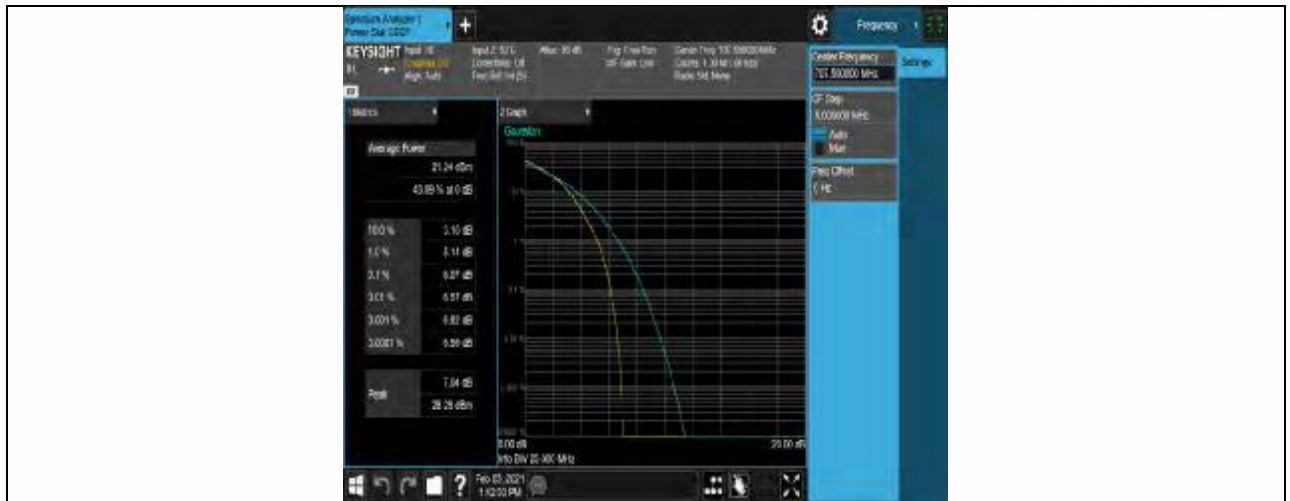
Band12-10MHz-64QAM-23060-50RB#0



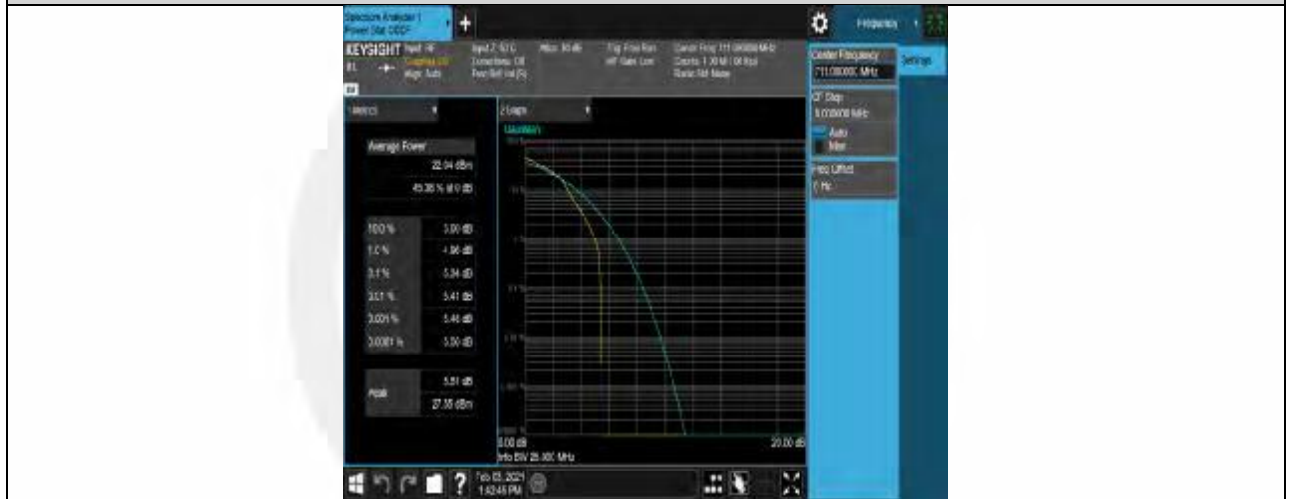
Band12-10MHz-64QAM-23095-1RB#0



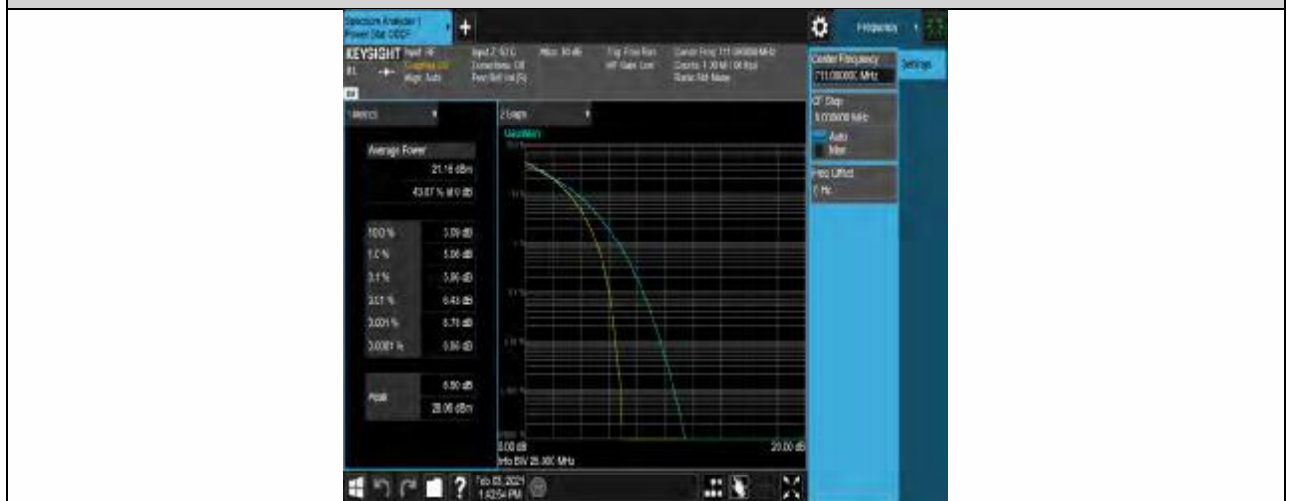
Band12-10MHz-64QAM-23095-50RB#0



Band12-10MHz-64QAM-23130-1RB#0



Band12-10MHz-64QAM-23130-50RB#0



## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	64QAM	23017	6RB#0	1.0868	1.214	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.0871	1.216	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.0870	1.207	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.6881	2.892	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.6942	2.936	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.6919	2.890	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.4850	4.812	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.5042	4.870	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.4821	4.793	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.9072	9.469	PASS
Band12	10MHz	64QAM	23095	50RB#0	9.0140	9.531	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.9634	9.487	PASS

**Test Graphs**

Band12-1.4MHz-64QAM-23017-6RB#0-1.0868



Band12-1.4MHz-64QAM-23095-6RB#0-1.0871



Band12-1.4MHz-64QAM-23173-6RB#0-1.0870





Band12-3MHz-64QAM-23025-15RB#0-2.6881



Band12-3MHz-64QAM-23095-15RB#0-2.6942



Band12-3MHz-64QAM-23165-15RB#0-2.6919





Band12-5MHz-64QAM-23035-25RB#0-4.4850



Band12-5MHz-64QAM-23095-25RB#0-4.5042



Band12-5MHz-64QAM-23155-25RB#0-4.4821



Band12-10MHz-64QAM-23060-50RB#0-8.9072



Band12-10MHz-64QAM-23095-50RB#0-9.0140



Band12-10MHz-64QAM-23130-50RB#0-8.9634



## Appendix D: Band Edge

### Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Verdict
Band12	1.4MHz	64QAM	23017	1RB#0	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	PASS
Band12	3MHz	64QAM	23025	1RB#0	PASS
Band12	3MHz	64QAM	23025	1RB#14	PASS
Band12	3MHz	64QAM	23025	15RB#0	PASS
Band12	3MHz	64QAM	23165	1RB#0	PASS
Band12	3MHz	64QAM	23165	1RB#14	PASS
Band12	3MHz	64QAM	23165	15RB#0	PASS
Band12	5MHz	64QAM	23035	1RB#0	PASS
Band12	5MHz	64QAM	23035	1RB#24	PASS
Band12	5MHz	64QAM	23035	25RB#0	PASS
Band12	5MHz	64QAM	23155	1RB#0	PASS
Band12	5MHz	64QAM	23155	1RB#24	PASS
Band12	5MHz	64QAM	23155	25RB#0	PASS
Band12	10MHz	64QAM	23060	1RB#0	PASS
Band12	10MHz	64QAM	23060	1RB#49	PASS
Band12	10MHz	64QAM	23060	50RB#0	PASS
Band12	10MHz	64QAM	23130	1RB#0	PASS
Band12	10MHz	64QAM	23130	1RB#49	PASS
Band12	10MHz	64QAM	23130	50RB#0	PASS

**Test Graphs**

**Band12-1.4MHz-64QAM-23017-1RB#0**



**Band12-1.4MHz-64QAM-23017-1RB#5**



**Band12-1.4MHz-64QAM-23017-6RB#0**

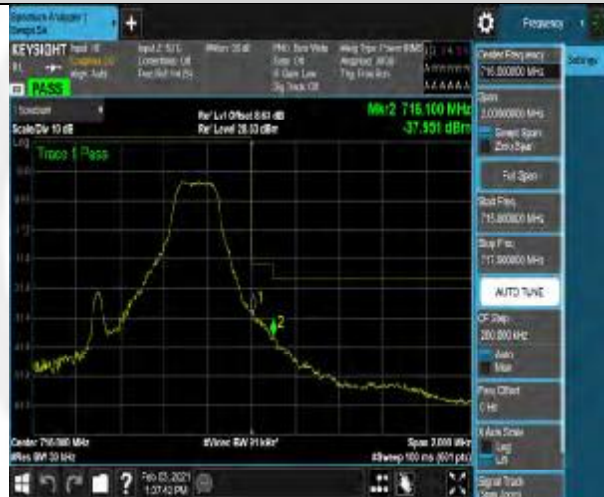




Band12-1.4MHz-64QAM-23173-1RB#0



Band12-1.4MHz-64QAM-23173-1RB#5



Band12-1.4MHz-64QAM-23173-6RB#0



Band12-3MHz-64QAM-23025-1RB#0





Band12-3MHz-64QAM-23025-1RB#14



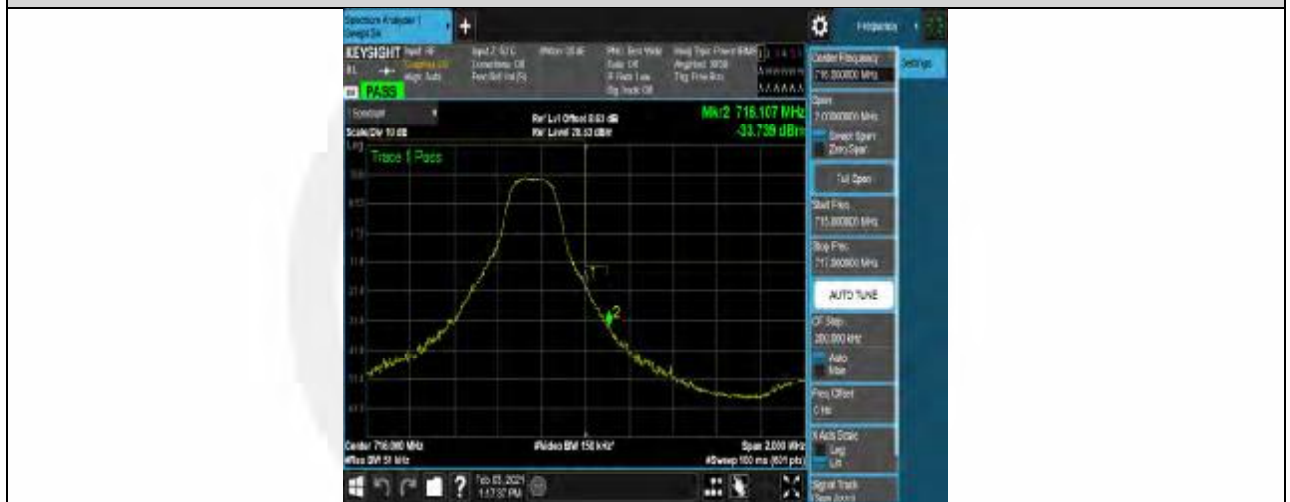
Band12-3MHz-64QAM-23025-15RB#0



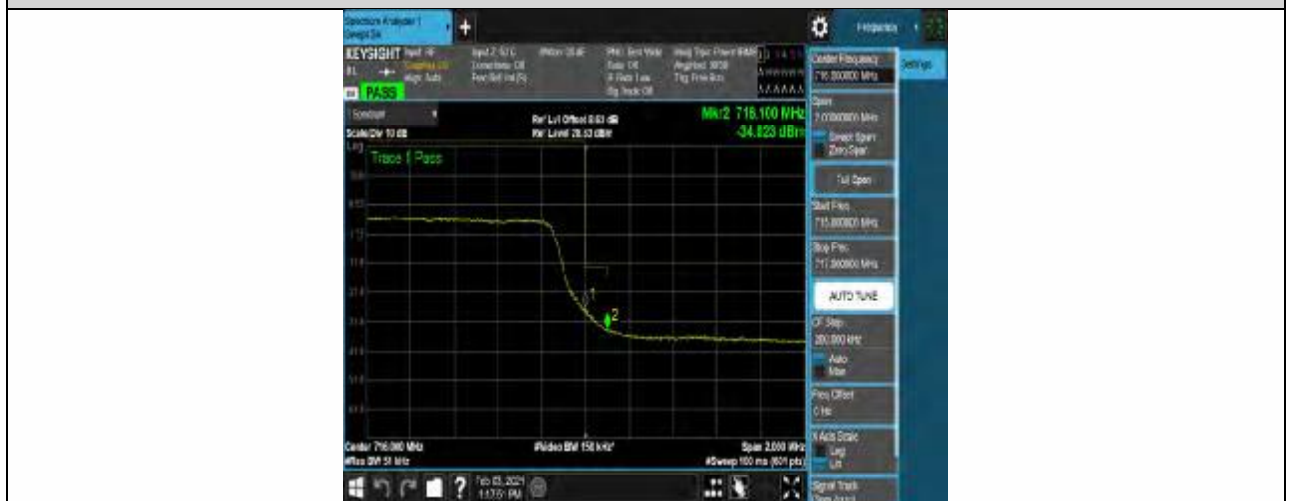
Band12-3MHz-64QAM-23165-1RB#0



Band12-3MHz-64QAM-23165-1RB#14



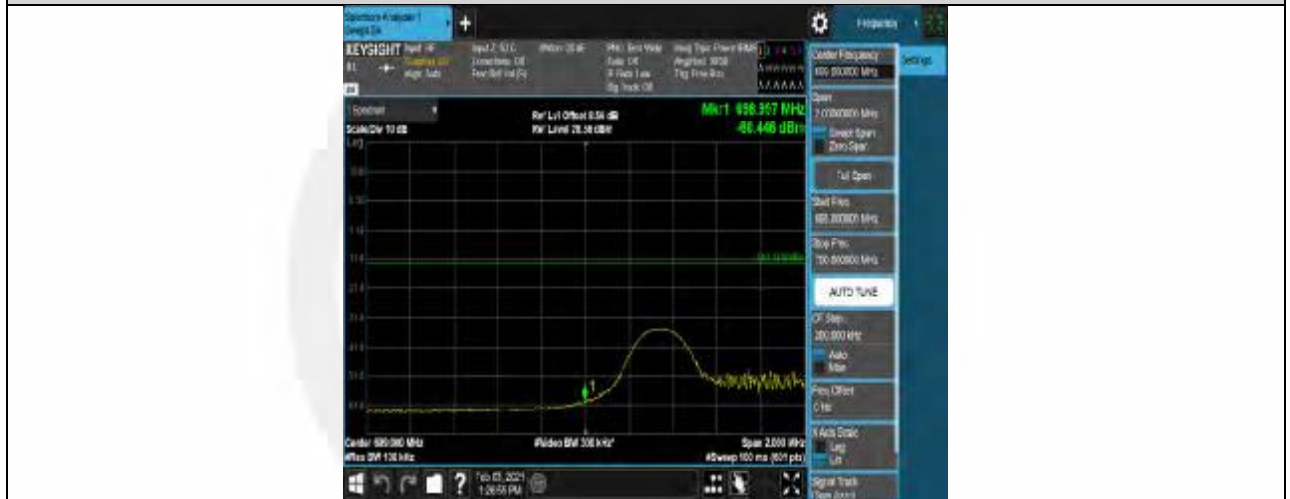
Band12-3MHz-64QAM-23165-15RB#0



Band12-5MHz-64QAM-23035-1RB#0



Band12-5MHz-64QAM-23035-1RB#24



Band12-5MHz-64QAM-23035-25RB#0



Band12-5MHz-64QAM-23155-1RB#0



Band12-5MHz-64QAM-23155-1RB#24



Band12-5MHz-64QAM-23155-25RB#0



Band12-10MHz-64QAM-23060-1RB#0

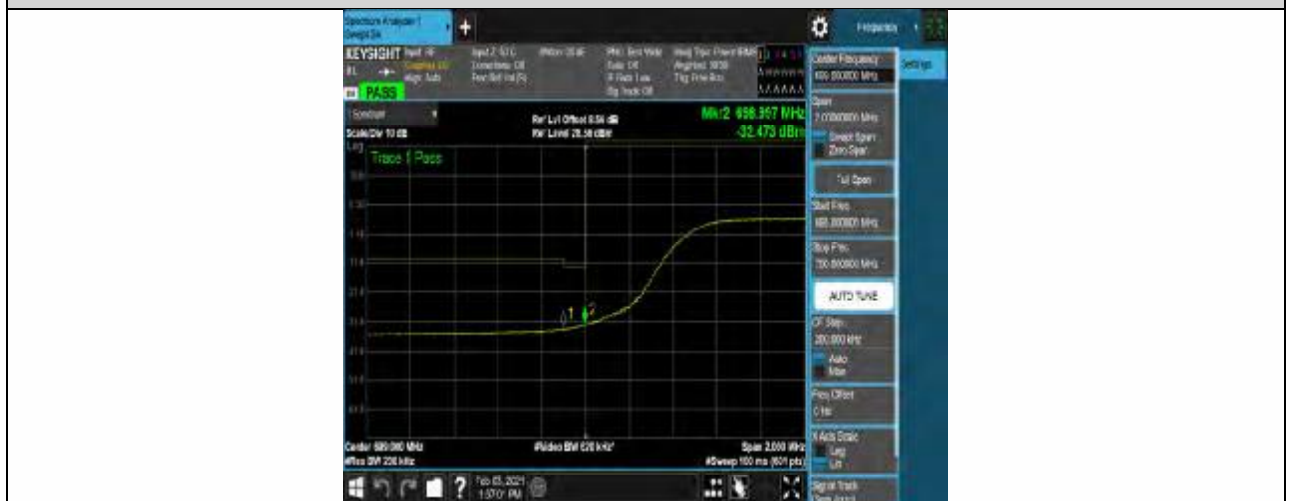




Band12-10MHz-64QAM-23060-1RB#49



Band12-10MHz-64QAM-23060-50RB#0



Band12-10MHz-64QAM-23130-1RB#0





Band12-10MHz-64QAM-23130-1RB#49



Band12-10MHz-64QAM-23130-50RB#0



## Appendix E: Conducted Spurious Emission

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	64QAM	23017	1RB#0	Range1:30~1000MHz	-45.36	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	Range2:1000~10000MHz	-36.15	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-46.17	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-35.74	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	Range1:30~1000MHz	-46.52	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	Range2:1000~10000MHz	-36.94	PASS
Band12	3MHz	64QAM	23025	1RB#0	Range1:30~1000MHz	-46.01	PASS
Band12	3MHz	64QAM	23025	1RB#0	Range2:1000~10000MHz	-36.93	PASS
Band12	3MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-46.21	PASS
Band12	3MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-36.7	PASS
Band12	3MHz	64QAM	23165	1RB#0	Range1:30~1000MHz	-45.73	PASS
Band12	3MHz	64QAM	23165	1RB#0	Range2:1000~10000MHz	-36.57	PASS
Band12	5MHz	64QAM	23035	1RB#0	Range1:30~1000MHz	-46.06	PASS
Band12	5MHz	64QAM	23035	1RB#0	Range2:1000~10000MHz	-36.28	PASS
Band12	5MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-46.07	PASS
Band12	5MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-36.62	PASS
Band12	5MHz	64QAM	23155	1RB#0	Range1:30~1000MHz	-46.08	PASS
Band12	5MHz	64QAM	23155	1RB#0	Range2:1000~10000MHz	-36.22	PASS
Band12	10MHz	64QAM	23060	1RB#0	Range1:30~1000MHz	-46.23	PASS
Band12	10MHz	64QAM	23060	1RB#0	Range2:1000~10000MHz	-37.09	PASS
Band12	10MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-45.83	PASS
Band12	10MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-36.03	PASS
Band12	10MHz	64QAM	23130	1RB#0	Range1:30~1000MHz	-46.32	PASS
Band12	10MHz	64QAM	23130	1RB#0	Range2:1000~10000MHz	-37	PASS

### Test Graphs

Band12-1.4MHz-64QAM-23017-1RB#0-Range1:30~1000MHz



Band12-1.4MHz-64QAM-23017-1RB#0-Range2:1000~10000MHz



Band12-1.4MHz-64QAM-23095-1RB#0-Range1:30~1000MHz



Band12-1.4MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-1.4MHz-64QAM-23173-1RB#0-Range1:30~1000MHz



Band12-1.4MHz-64QAM-23173-1RB#0-Range2:1000~10000MHz



Band12-3MHz-64QAM-23025-1RB#0-Range1:30~1000MHz





Band12-3MHz-64QAM-23025-1RB#0-Range2:1000~10000MHz



Band12-3MHz-64QAM-23095-1RB#0-Range1:30~1000MHz



Band12-3MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz

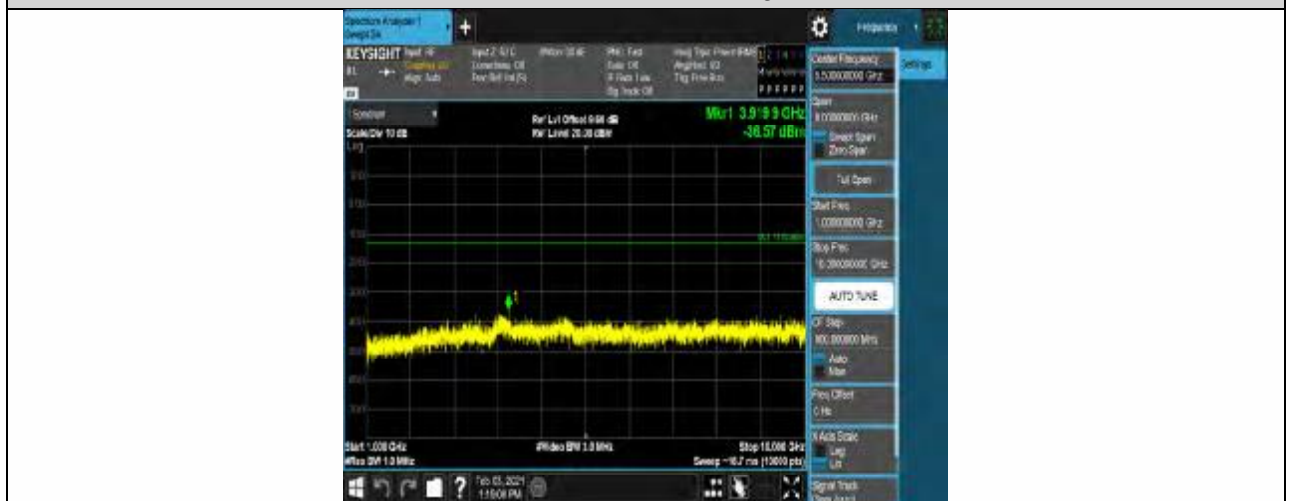




Band12-3MHz-64QAM-23165-1RB#0-Range1:30~1000MHz



Band12-3MHz-64QAM-23165-1RB#0-Range2:1000~10000MHz



Band12-5MHz-64QAM-23035-1RB#0-Range1:30~1000MHz



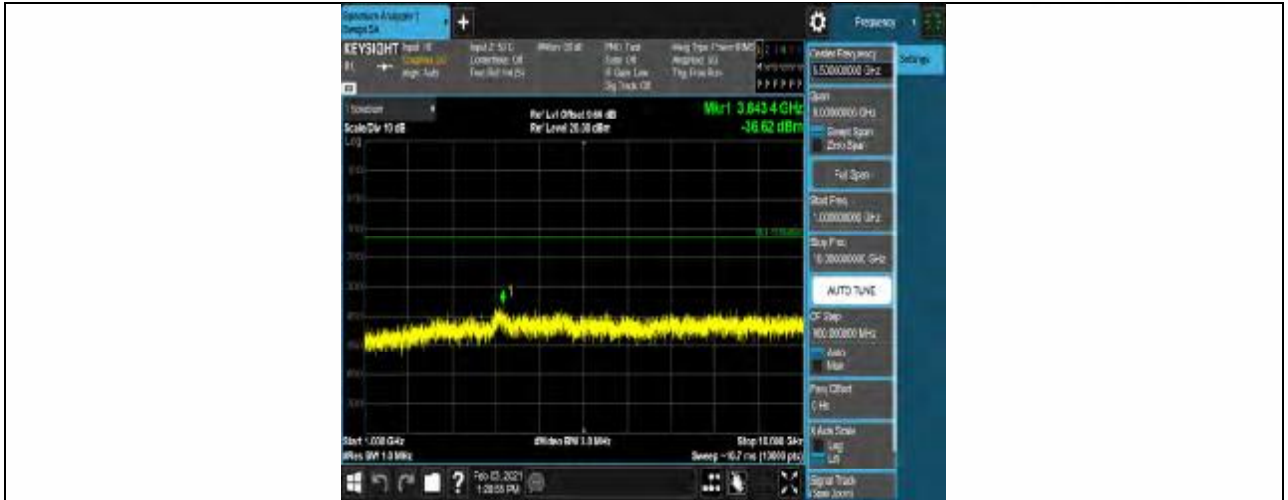
Band12-5MHz-64QAM-23035-1RB#0-Range2:1000~10000MHz



Band12-5MHz-64QAM-23095-1RB#0-Range1:30~1000MHz



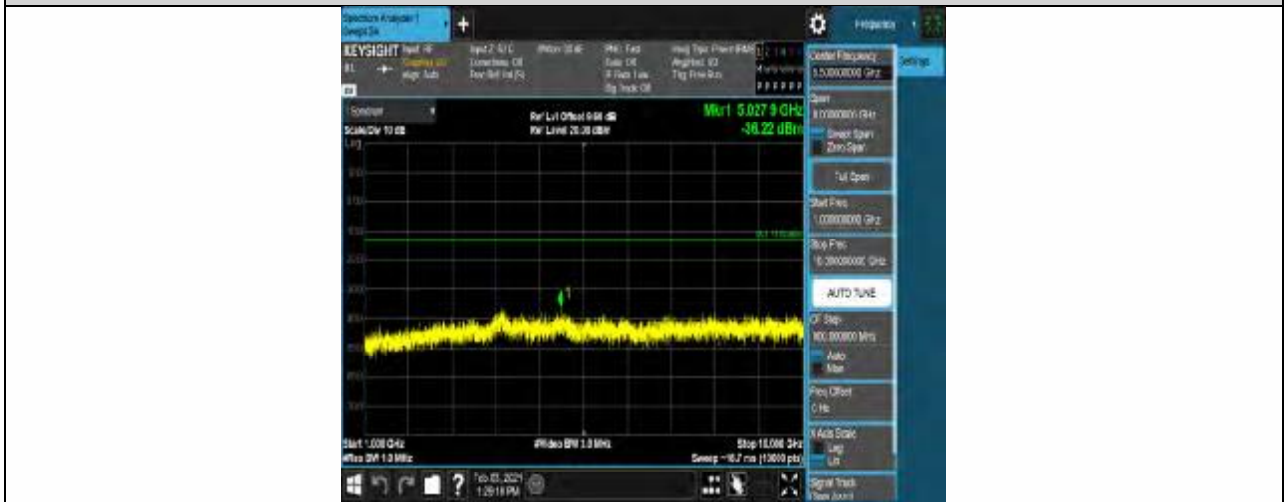
Band12-5MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-5MHz-64QAM-23155-1RB#0-Range1:30~1000MHz



Band12-5MHz-64QAM-23155-1RB#0-Range2:1000~10000MHz

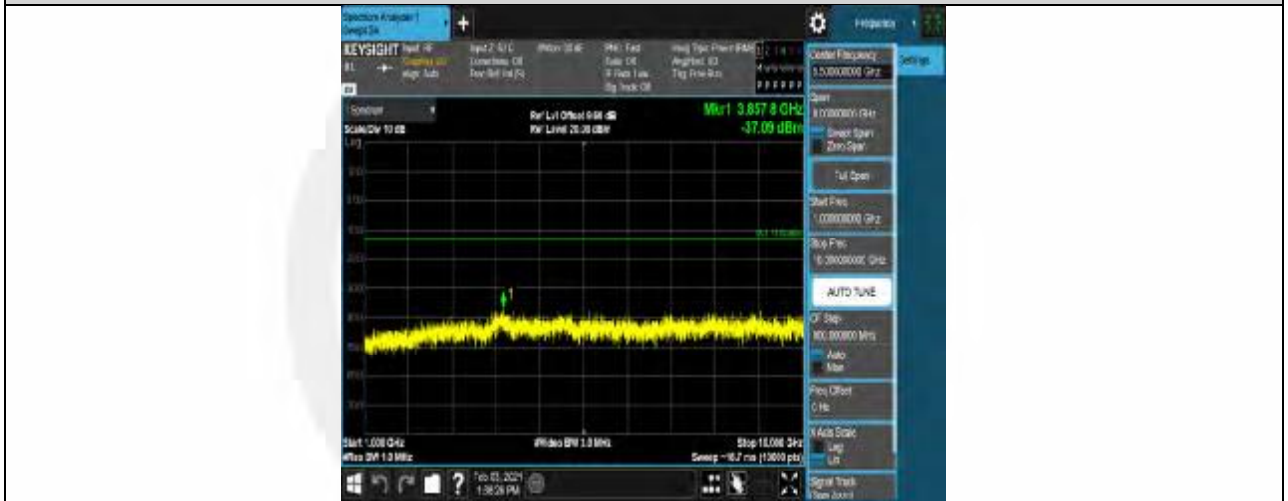


Band12-10MHz-64QAM-23060-1RB#0-Range1:30~1000MHz





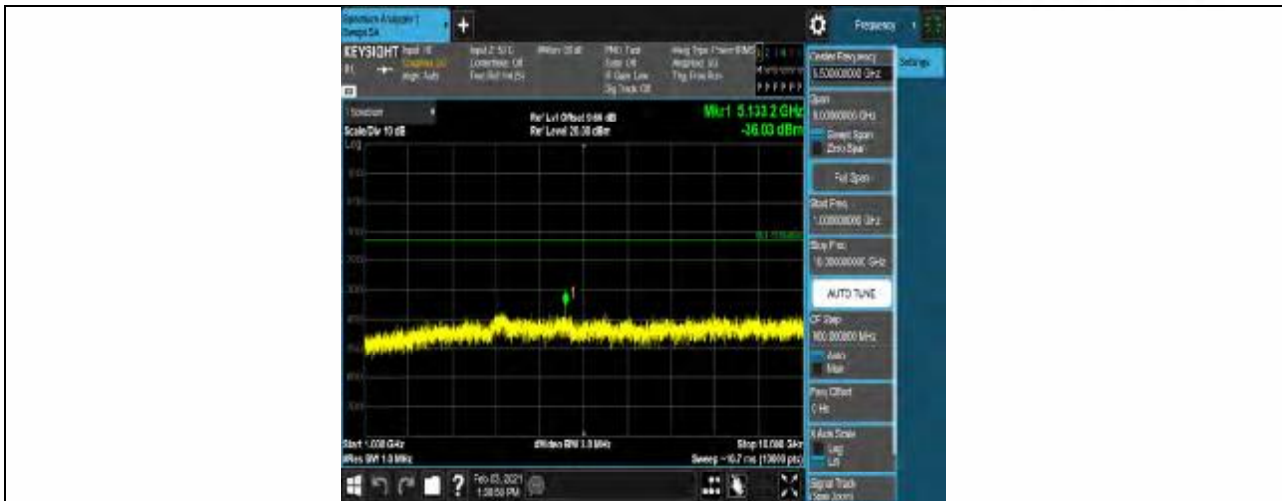
Band12-10MHz-64QAM-23060-1RB#0-Range2:1000~10000MHz



Band12-10MHz-64QAM-23095-1RB#0-Range1:30~1000MHz



Band12-10MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-10MHz-64QAM-23130-1RB#0-Range1:30~1000MHz



Band12-10MHz-64QAM-23130-1RB#0-Range2:1000~10000MHz





## Appendix F: Frequency Stability

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band1 2	1.4MHz	64QAM	23017	6RB#0	VL	NT	9.04	0.012920	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	VN	NT	16.16	0.023096	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	VH	NT	6.55	0.009361	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	VL	NT	14.62	0.020664	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	VN	NT	-9.41	-0.013300	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	VH	NT	15.16	0.021428	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	VL	NT	11.99	0.016762	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	VN	NT	9.43	0.013183	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	VH	NT	15.19	0.021236	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	VL	NT	6.75	0.009636	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	VN	NT	-3.53	-0.005039	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	VH	NT	5.32	0.007595	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	VL	NT	-10.71	-0.015138	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	VN	NT	-5.46	-0.007717	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	VH	NT	-4.06	-0.005739	±2.5	PASS
Band1	3MHz	64QAM	23165	15RB#0	VL	NT	9.66	0.013520	±2.5	PASS

2										
Band1 2	3MHz	64QAM	23165	15RB#0	VN	NT	6.09	0.008523	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	VH	NT	8.01	0.011211	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	VL	NT	-4.59	-0.006543	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	VN	NT	-7.82	-0.011148	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	VH	NT	-6.79	-0.009679	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	VL	NT	-3.02	-0.004269	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	VN	NT	-5.08	-0.007180	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	VH	NT	-8.35	-0.011802	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	VL	NT	-2.17	-0.003041	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	VN	NT	-7.65	-0.010722	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	VH	NT	-5.62	-0.007877	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	VL	NT	4.88	0.006932	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	VN	NT	5.81	0.008253	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	VH	NT	6.64	0.009432	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	VL	NT	2.36	0.003336	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	VN	NT	-7.34	-0.010375	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	VH	NT	-8.03	-0.011350	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	VL	NT	-4.11	-0.005781	±2.5	PASS

Band1 2	10MHz	64QAM	23130	50RB#0	VN	NT	-4.02	-0.005654	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	VH	NT	-3.03	-0.004262	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	-30	-6.24	-0.008918	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	-20	-13.95	-0.019937	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	-10	2.89	0.004130	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	0	8.45	0.012077	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	10	-8.51	-0.012162	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	20	2.13	0.003044	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	30	-7.77	-0.011105	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	40	-7.65	-0.010933	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	50	6.09	0.008704	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	-30	9.60	0.013569	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	-20	7.40	0.010459	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	-10	10.13	0.014318	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	0	-7.82	-0.011053	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	10	-6.28	-0.008876	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	20	8.01	0.011322	±2.5	PASS

2										
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	30	-2.15	-0.003039	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	40	-17.88	-0.025272	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	50	-6.87	-0.009710	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	-30	15.82	0.022117	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	-20	14.23	0.019894	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	-10	11.86	0.016580	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	0	-10.00	-0.013980	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	10	6.01	0.008402	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	20	-9.46	-0.013225	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	30	3.76	0.005257	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	40	3.40	0.004753	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	50	-9.10	-0.012722	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	-30	-2.05	-0.002926	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	-20	-2.72	-0.003883	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	-10	2.88	0.004111	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	0	1.43	0.002041	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	10	6.15	0.008779	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	20	-2.16	-0.003084	±2.5	PASS

Band1 2	3MHz	64QAM	23025	15RB#0	NV	30	-3.18	-0.004540	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	40	4.15	0.005924	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	50	9.44	0.013476	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	-30	-6.19	-0.008749	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	-20	-7.38	-0.010431	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	-10	-8.31	-0.011746	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	0	-5.64	-0.007972	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	10	-9.03	-0.012763	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	20	1.63	0.002304	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	30	-2.45	-0.003463	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	40	2.99	0.004226	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	50	-6.77	-0.009569	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	-30	4.59	0.006424	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	-20	12.02	0.016823	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	-10	11.17	0.015633	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	0	11.42	0.015983	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	10	8.43	0.011798	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	20	1.77	0.002477	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	30	10.00	0.013996	±2.5	PASS



2										
Band1 2	3MHz	64QAM	23165	15RB#0	NV	40	1.97	0.002757	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	50	2.82	0.003947	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	-30	-7.08	-0.010093	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	-20	-4.53	-0.006458	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	-10	2.00	0.002851	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	0	-8.53	-0.012160	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	10	-3.52	-0.005018	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	20	-2.78	-0.003963	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	30	-7.25	-0.010335	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	40	-2.03	-0.002894	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	50	2.05	0.002922	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	NV	-30	-3.63	-0.005131	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	NV	-20	-6.42	-0.009074	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	NV	-10	-6.31	-0.008919	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	NV	0	-3.60	-0.005088	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	NV	10	1.97	0.002784	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	NV	20	-1.97	-0.002784	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	NV	30	-4.84	-0.006841	±2.5	PASS

Band1 2	5MHz	64QAM	23095	25RB#0	NV	40	-5.26	-0.007435	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	NV	50	-7.65	-0.010813	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	-30	-5.97	-0.008367	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	-20	-4.86	-0.006811	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	-10	-5.11	-0.007162	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	0	-7.07	-0.009909	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	10	2.26	0.003167	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	20	-6.85	-0.009601	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	30	-3.71	-0.005200	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	40	3.13	0.004387	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	50	1.87	0.002621	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	NV	-30	3.92	0.005568	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	NV	-20	-3.02	-0.004290	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	NV	-10	-1.44	-0.002045	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	NV	0	4.08	0.005795	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	NV	10	7.97	0.011321	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	NV	20	6.28	0.008920	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	NV	30	6.49	0.009219	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	NV	40	7.45	0.010582	±2.5	PASS

2										
Band1 2	10MHz	64QAM	23060	50RB#0	NV	50	6.90	0.009801	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	-30	-3.95	-0.005583	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	-20	-4.59	-0.006488	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	-10	-1.34	-0.001894	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	0	-2.93	-0.004141	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	10	-2.35	-0.003322	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	20	-4.36	-0.006163	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	30	-1.70	-0.002403	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	40	-7.84	-0.011081	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	50	-1.27	-0.001795	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	NV	-30	3.72	0.005232	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	NV	-20	-5.14	-0.007229	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	NV	-10	-1.75	-0.002461	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	NV	0	-4.32	-0.006076	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	NV	10	-3.32	-0.004669	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	NV	20	2.60	0.003657	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	NV	30	-3.99	-0.005612	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	NV	40	-3.82	-0.005373	±2.5	PASS

Band1	10MHz	64QAM	23130	50RB#0	NV	50	-2.93	-0.004121	±2.5	PASS
2										

\*\*\* The End \*\*\*



# LTE Band 12 Test Data

**Product Name** : Tablet  
**Model Number** : xTablet T1190  
**FCC ID** : O86T1190

Applicant:	MobileDemand, L.C. 1501 Boyson Sq Dr, Ste 101 Hiawatha, Iowa, 52233, United States
Manufacturer:	MobileDemand, L.C. No.88 East Qianjin Road, Kunshan city, Jiangsu province, China
Product Description:	Tablet
Trademark:	MobileDemand
Model Number:	xTablet T1190



## Appendix A: RF POWER OUTPUT

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.66	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.67	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.68	PASS
Band12	1.4MHz	QPSK	23017	3RB#0	22.68	PASS
Band12	1.4MHz	QPSK	23017	3RB#1	22.69	PASS
Band12	1.4MHz	QPSK	23017	3RB#3	22.60	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.65	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.73	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.69	PASS
Band12	1.4MHz	QPSK	23095	3RB#0	22.70	PASS
Band12	1.4MHz	QPSK	23095	3RB#1	22.71	PASS
Band12	1.4MHz	QPSK	23095	3RB#3	22.70	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.66	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.84	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.85	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#0	22.78	PASS
Band12	1.4MHz	QPSK	23173	3RB#1	22.77	PASS
Band12	1.4MHz	QPSK	23173	3RB#3	22.75	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.78	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.68	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.70	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.60	PASS
Band12	1.4MHz	16QAM	23017	3RB#0	21.49	PASS
Band12	1.4MHz	16QAM	23017	3RB#1	21.45	PASS
Band12	1.4MHz	16QAM	23017	3RB#3	21.42	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.59	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.71	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.76	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.68	PASS
Band12	1.4MHz	16QAM	23095	3RB#0	21.53	PASS

Band12	1.4MHz	16QAM	23095	3RB#1	21.53	PASS
Band12	1.4MHz	16QAM	23095	3RB#3	21.45	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.70	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.83	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.86	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.75	PASS
Band12	1.4MHz	16QAM	23173	3RB#0	21.57	PASS
Band12	1.4MHz	16QAM	23173	3RB#1	21.57	PASS
Band12	1.4MHz	16QAM	23173	3RB#3	21.57	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.80	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.79	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.75	PASS
Band12	3MHz	QPSK	23025	8RB#0	21.75	PASS
Band12	3MHz	QPSK	23025	8RB#4	21.78	PASS
Band12	3MHz	QPSK	23025	8RB#7	21.80	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.80	PASS
Band12	3MHz	QPSK	23095	1RB#0	22.90	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.75	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.80	PASS
Band12	3MHz	QPSK	23095	8RB#0	21.76	PASS
Band12	3MHz	QPSK	23095	8RB#4	21.78	PASS
Band12	3MHz	QPSK	23095	8RB#7	21.76	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.78	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.67	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.76	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.84	PASS
Band12	3MHz	QPSK	23165	8RB#0	21.92	PASS
Band12	3MHz	QPSK	23165	8RB#4	21.93	PASS
Band12	3MHz	QPSK	23165	8RB#7	21.95	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.91	PASS
Band12	3MHz	16QAM	23025	1RB#0	21.79	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.94	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.84	PASS
Band12	3MHz	16QAM	23025	8RB#0	20.85	PASS
Band12	3MHz	16QAM	23025	8RB#4	20.90	PASS
Band12	3MHz	16QAM	23025	8RB#7	20.91	PASS

Band12	3MHz	16QAM	23025	15RB#0	20.84	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.84	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.71	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.72	PASS
Band12	3MHz	16QAM	23095	8RB#0	20.73	PASS
Band12	3MHz	16QAM	23095	8RB#4	20.69	PASS
Band12	3MHz	16QAM	23095	8RB#7	20.75	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.67	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.55	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.67	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.65	PASS
Band12	3MHz	16QAM	23165	8RB#0	20.95	PASS
Band12	3MHz	16QAM	23165	8RB#4	20.90	PASS
Band12	3MHz	16QAM	23165	8RB#7	20.96	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.82	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.80	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.90	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.82	PASS
Band12	5MHz	QPSK	23035	12RB#0	21.76	PASS
Band12	5MHz	QPSK	23035	12RB#6	21.75	PASS
Band12	5MHz	QPSK	23035	12RB#13	21.91	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.83	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.89	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.78	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.81	PASS
Band12	5MHz	QPSK	23095	12RB#0	21.88	PASS
Band12	5MHz	QPSK	23095	12RB#6	21.90	PASS
Band12	5MHz	QPSK	23095	12RB#13	21.74	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.76	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.83	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.89	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.91	PASS
Band12	5MHz	QPSK	23155	12RB#0	21.81	PASS
Band12	5MHz	QPSK	23155	12RB#6	21.84	PASS
Band12	5MHz	QPSK	23155	12RB#13	21.96	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.85	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.79	PASS

Band12	5MHz	16QAM	23035	1RB#12	22.01	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.85	PASS
Band12	5MHz	16QAM	23035	12RB#0	20.81	PASS
Band12	5MHz	16QAM	23035	12RB#6	20.84	PASS
Band12	5MHz	16QAM	23035	12RB#13	20.87	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.86	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.95	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.86	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.92	PASS
Band12	5MHz	16QAM	23095	12RB#0	20.97	PASS
Band12	5MHz	16QAM	23095	12RB#6	20.94	PASS
Band12	5MHz	16QAM	23095	12RB#13	20.84	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.71	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.73	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.81	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.80	PASS
Band12	5MHz	16QAM	23155	12RB#0	20.85	PASS
Band12	5MHz	16QAM	23155	12RB#6	20.86	PASS
Band12	5MHz	16QAM	23155	12RB#13	20.89	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.91	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.79	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.92	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.74	PASS
Band12	10MHz	QPSK	23060	25RB#0	21.98	PASS
Band12	10MHz	QPSK	23060	25RB#12	21.97	PASS
Band12	10MHz	QPSK	23060	25RB#25	21.92	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.86	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.81	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.80	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.81	PASS
Band12	10MHz	QPSK	23095	25RB#0	21.92	PASS
Band12	10MHz	QPSK	23095	25RB#12	21.90	PASS
Band12	10MHz	QPSK	23095	25RB#25	21.89	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.90	PASS
Band12	10MHz	QPSK	23130	1RB#0	22.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.85	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.82	PASS

Band12	10MHz	QPSK	23130	25RB#0	21.74	PASS
Band12	10MHz	QPSK	23130	25RB#12	21.77	PASS
Band12	10MHz	QPSK	23130	25RB#25	21.83	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.83	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.83	PASS
Band12	10MHz	16QAM	23060	1RB#24	22.03	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.83	PASS
Band12	10MHz	16QAM	23060	25RB#0	20.93	PASS
Band12	10MHz	16QAM	23060	25RB#12	20.95	PASS
Band12	10MHz	16QAM	23060	25RB#25	20.82	PASS
Band12	10MHz	16QAM	23060	50RB#0	20.85	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.71	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.63	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.75	PASS
Band12	10MHz	16QAM	23095	25RB#0	20.97	PASS
Band12	10MHz	16QAM	23095	25RB#12	20.95	PASS
Band12	10MHz	16QAM	23095	25RB#25	20.92	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.95	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.57	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.53	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.67	PASS
Band12	10MHz	16QAM	23130	25RB#0	20.79	PASS
Band12	10MHz	16QAM	23130	25RB#12	20.79	PASS
Band12	10MHz	16QAM	23130	25RB#25	20.86	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.89	PASS



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

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	3.63	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	4.53	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.23	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.96	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.31	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.43	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	4.70	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.40	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.24	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.89	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.33	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.33	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	3.57	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.58	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.06	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.96	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.26	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.36	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	4.42	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.45	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.12	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.82	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	4.29	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.29	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	3.58	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.77	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.04	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.10	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	3.79	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.76	13	PASS

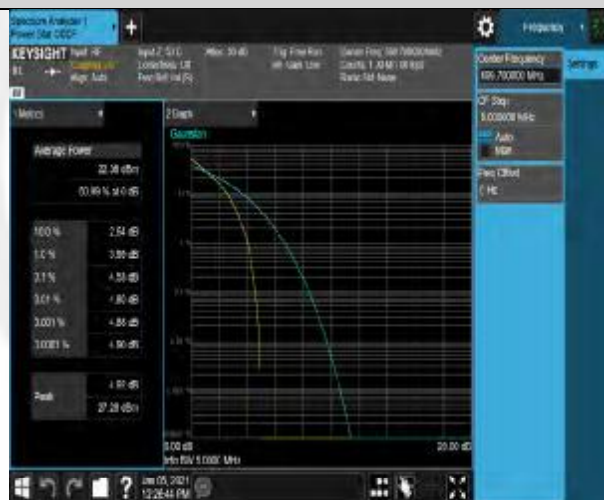
Band12	5MHz	16QAM	23035	1RB#0	4.48	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.60	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	4.86	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.91	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	4.73	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.64	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	3.97	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.54	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.05	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.67	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.48	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.78	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	4.90	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.94	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	4.95	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.12	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.48	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.10	13	PASS

## Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0



Band12-1.4MHz-QPSK-23017-6RB#0



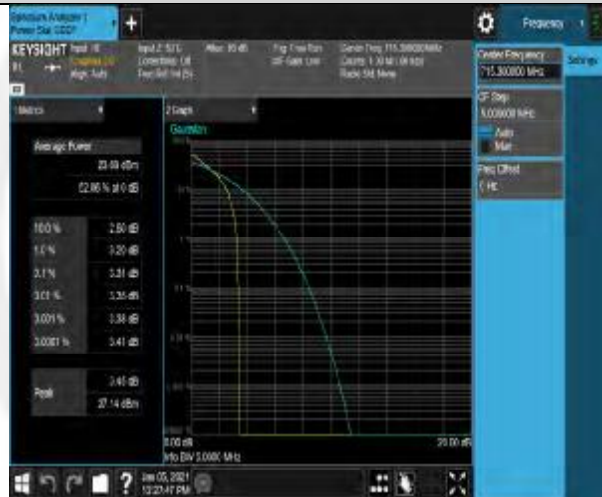
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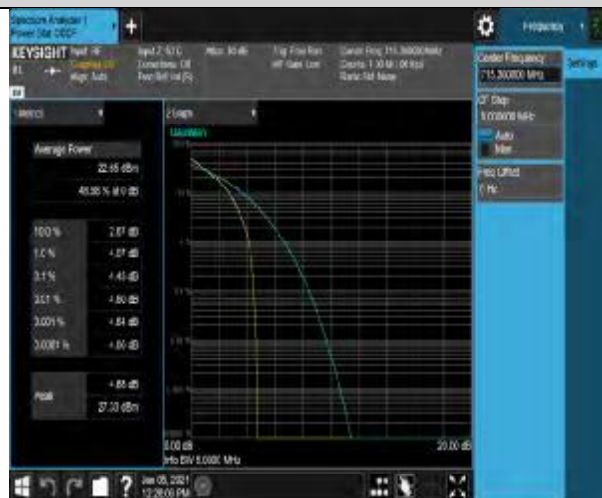
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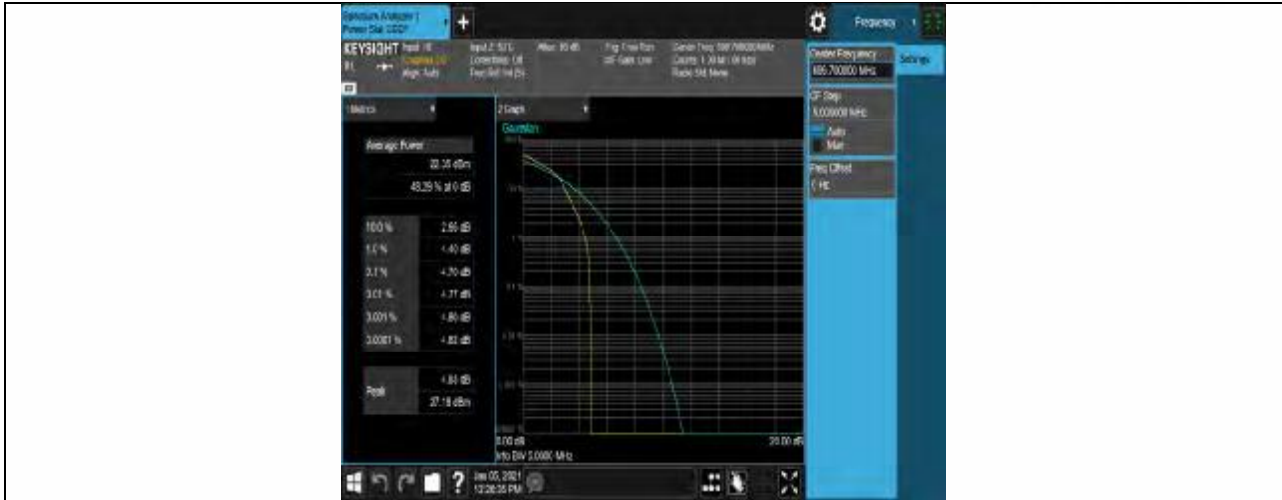
Band12-1.4MHz-QPSK-23173-1RB#0



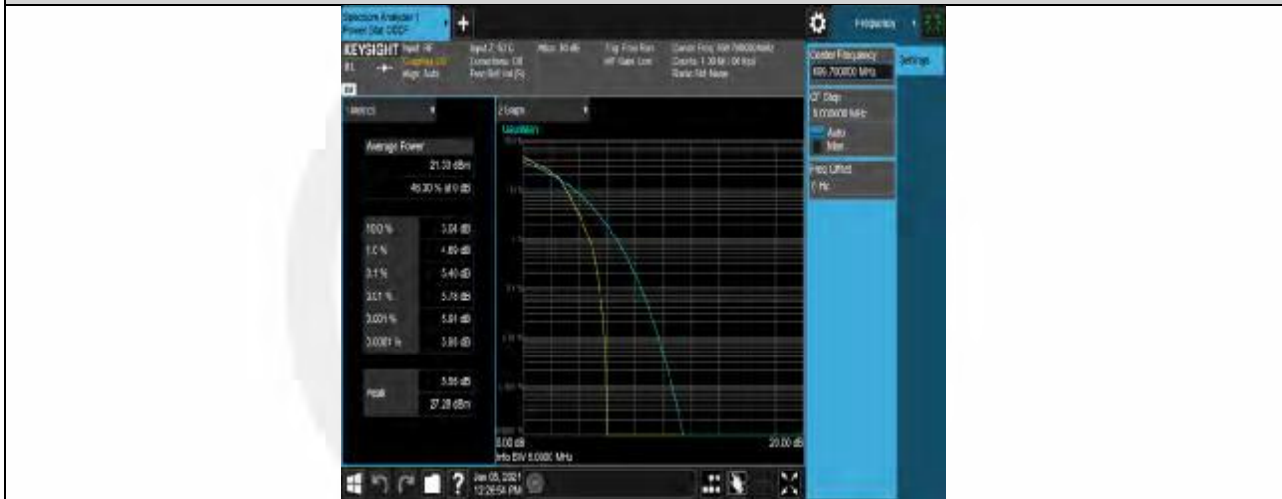
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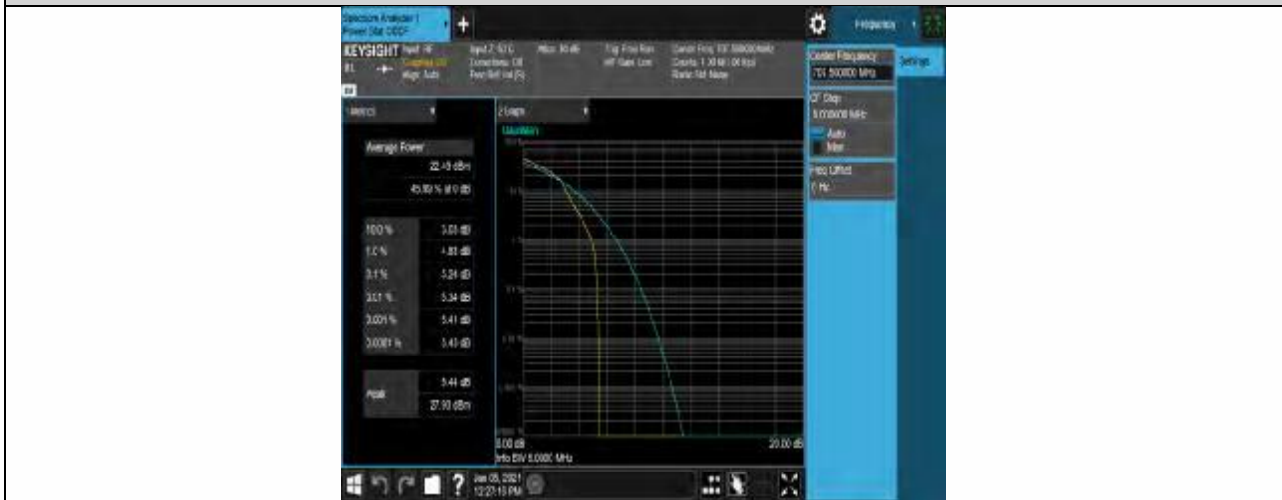
Band12-1.4MHz-16QAM-23017-1RB#0



Band12-1.4MHz-16QAM-23017-6RB#0



Band12-1.4MHz-16QAM-23095-1RB#0

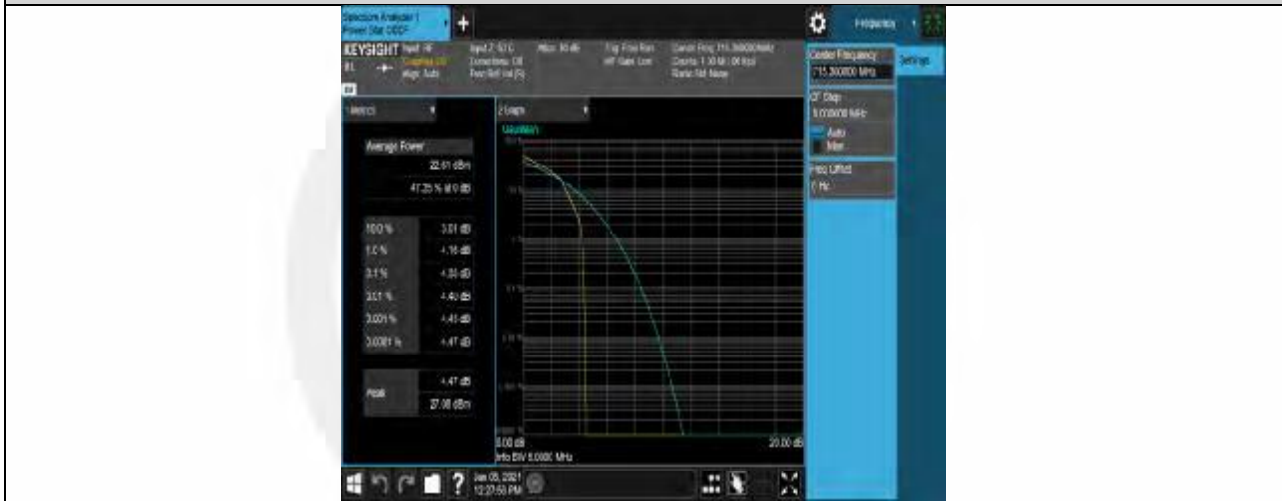


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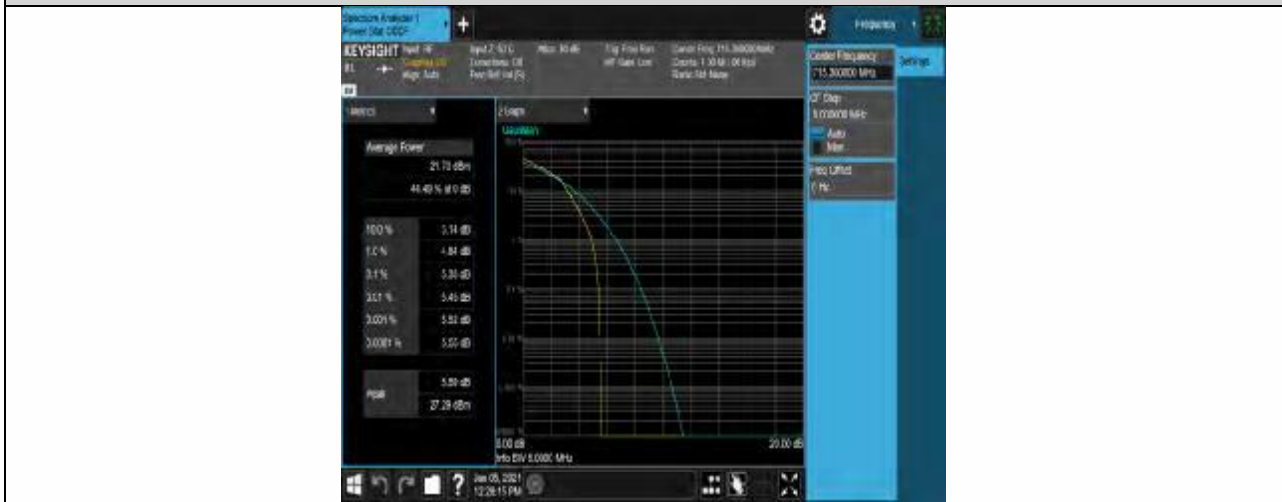




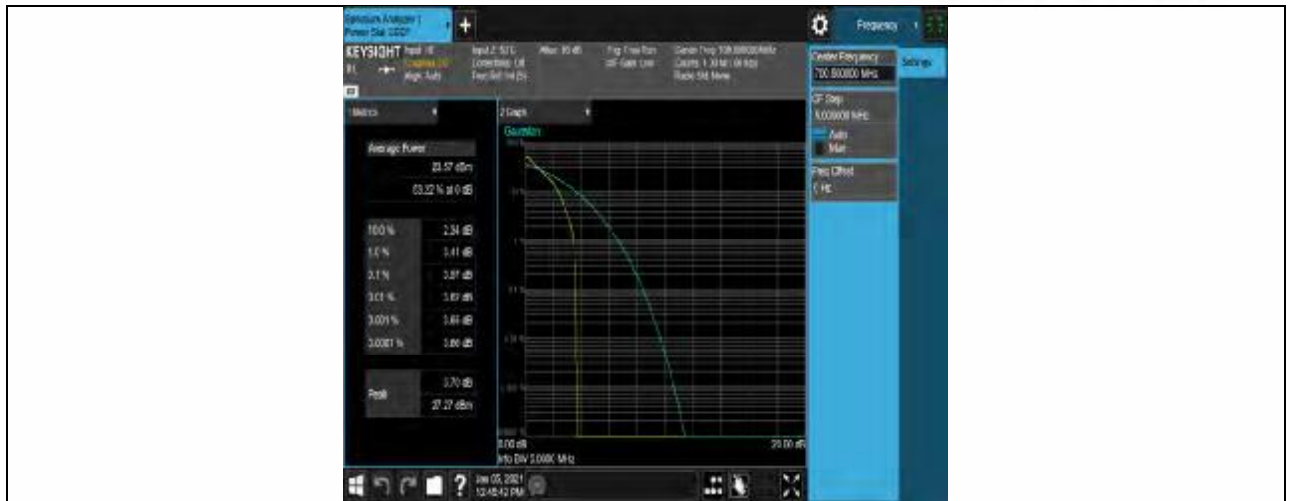
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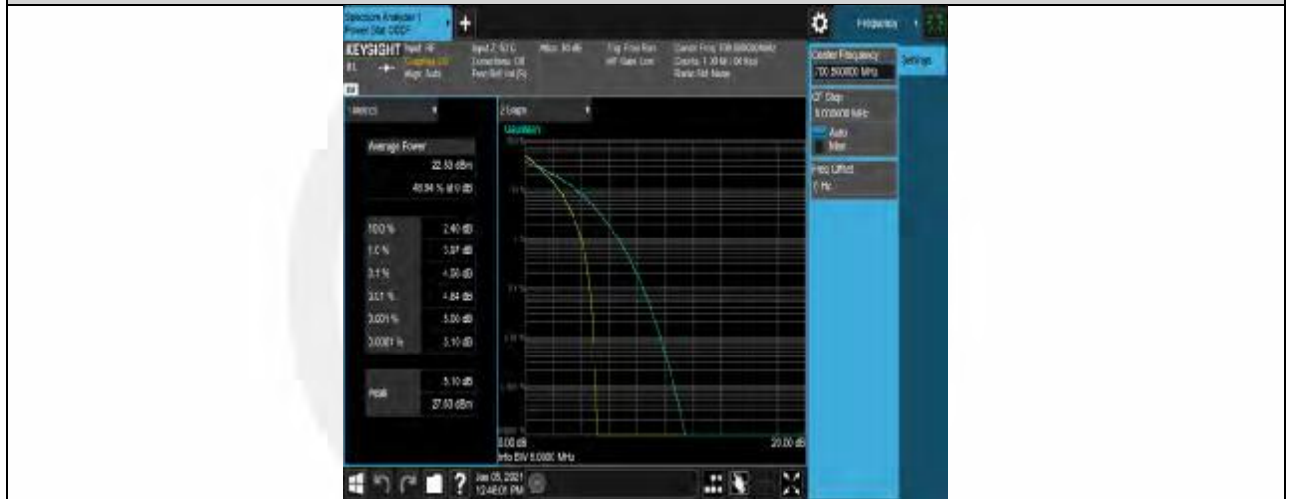
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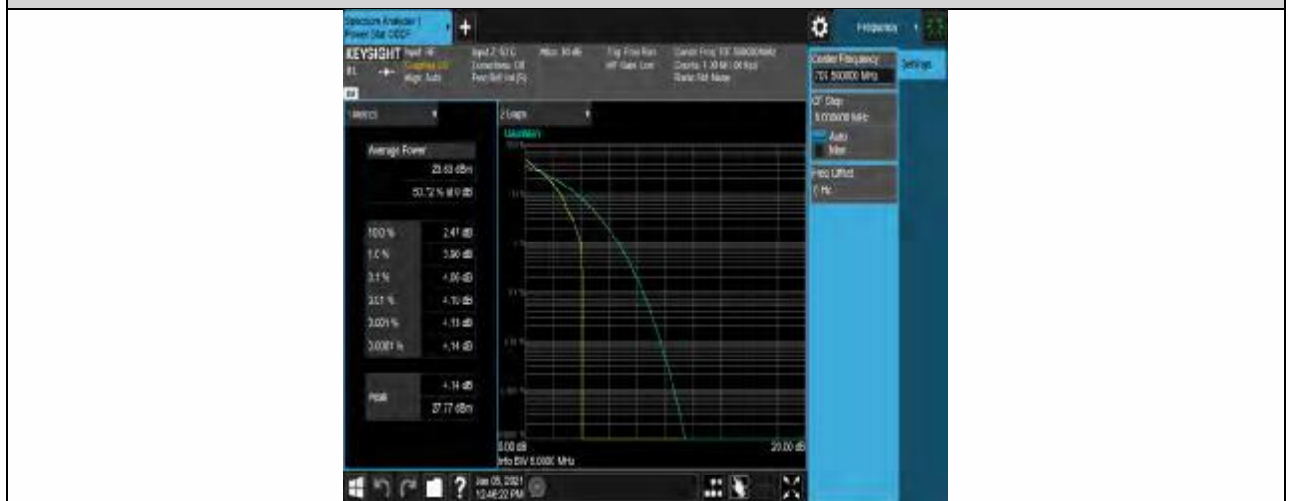
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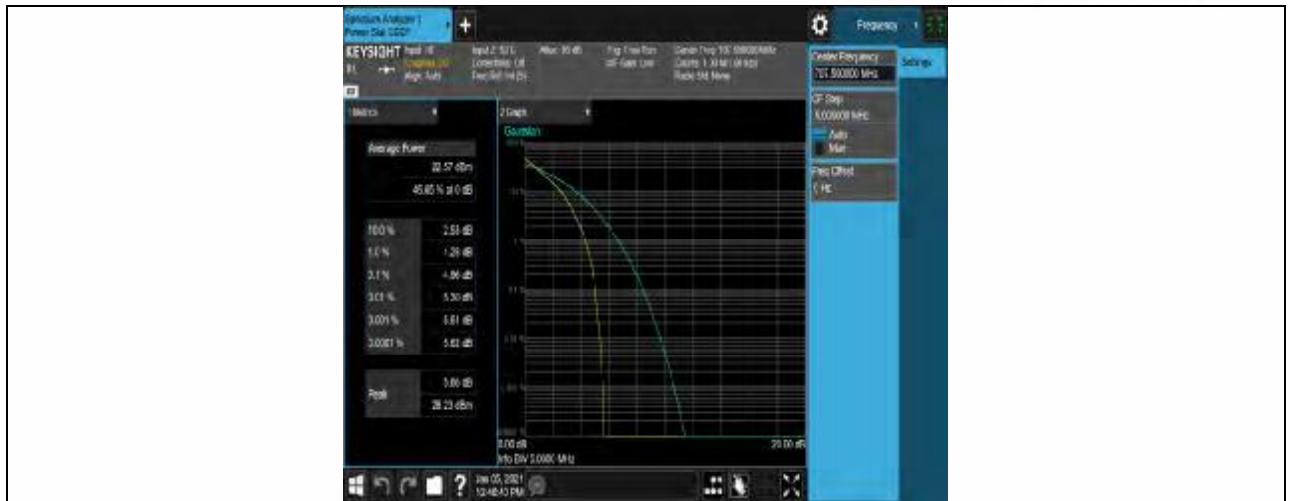
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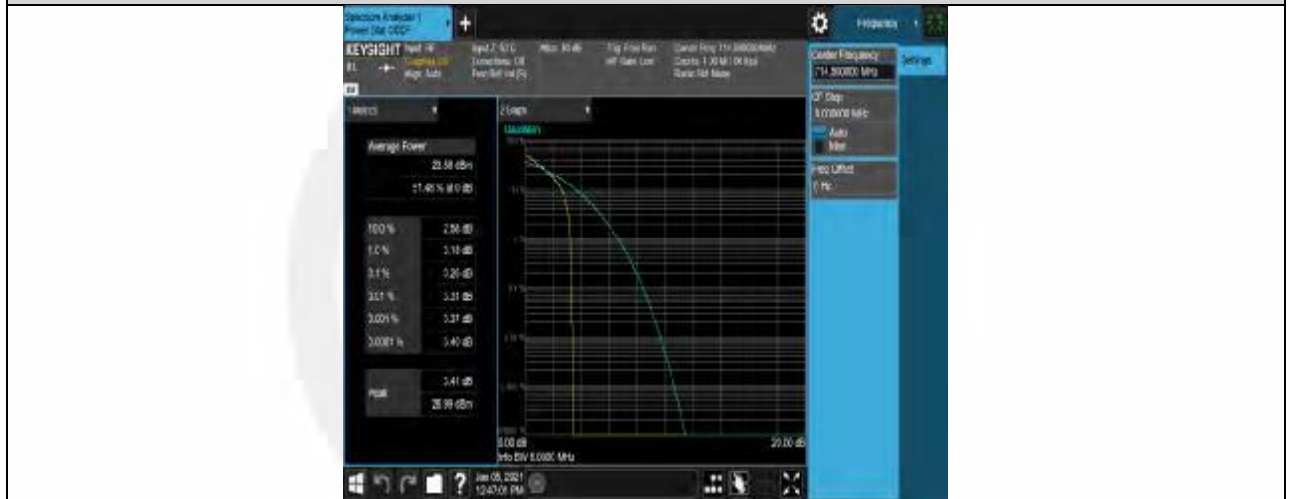
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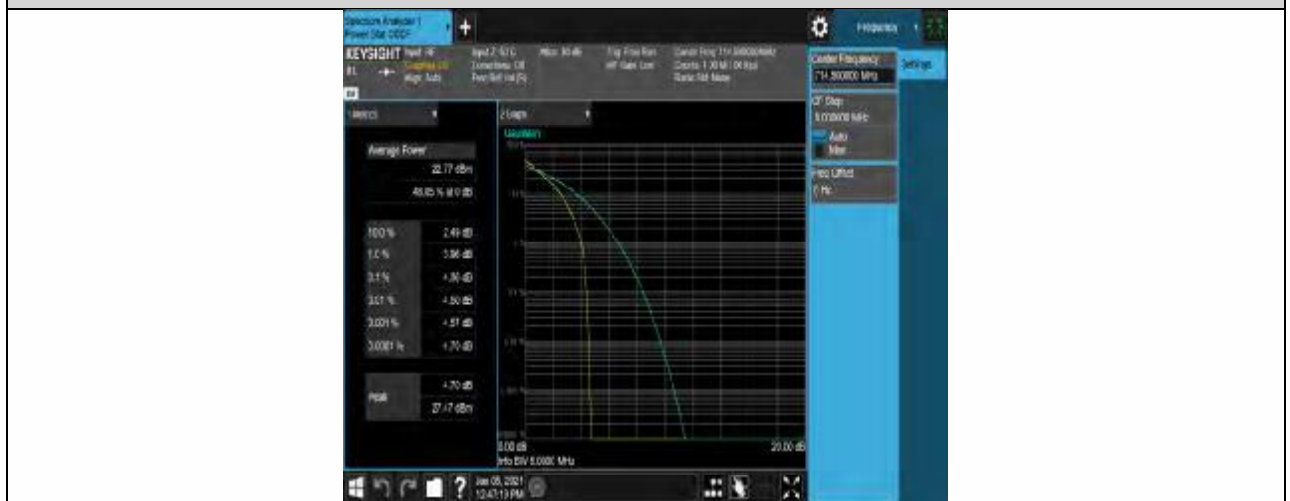
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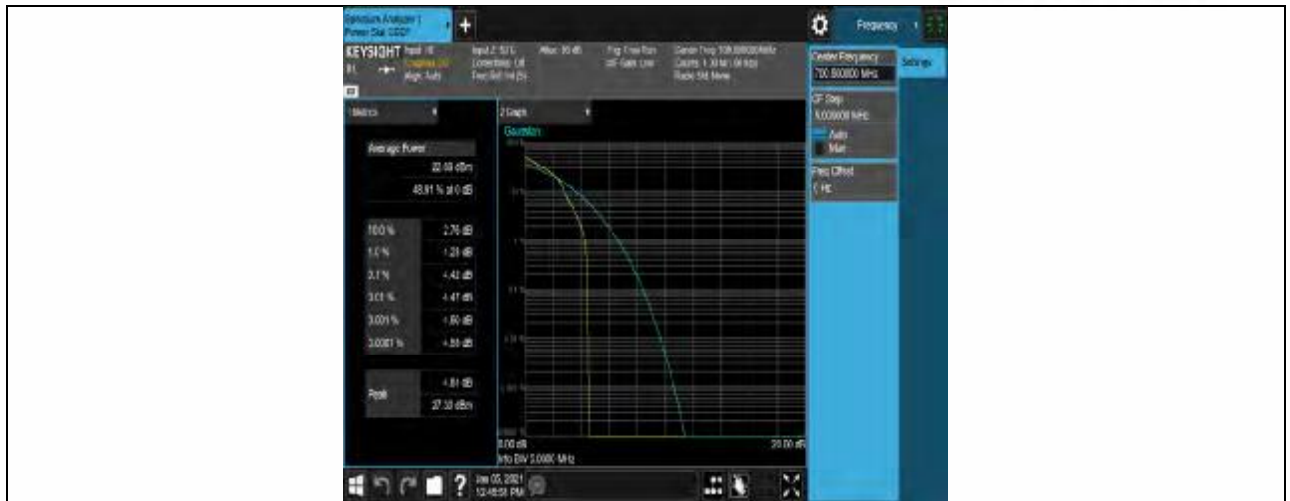
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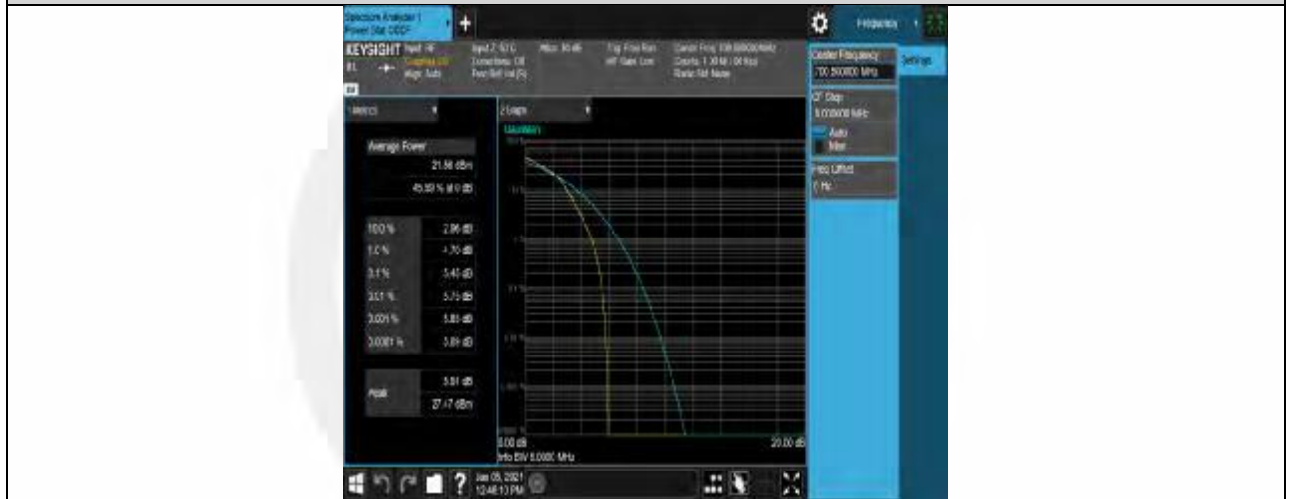
Band12-3MHz-QPSK-23165-15RB#0



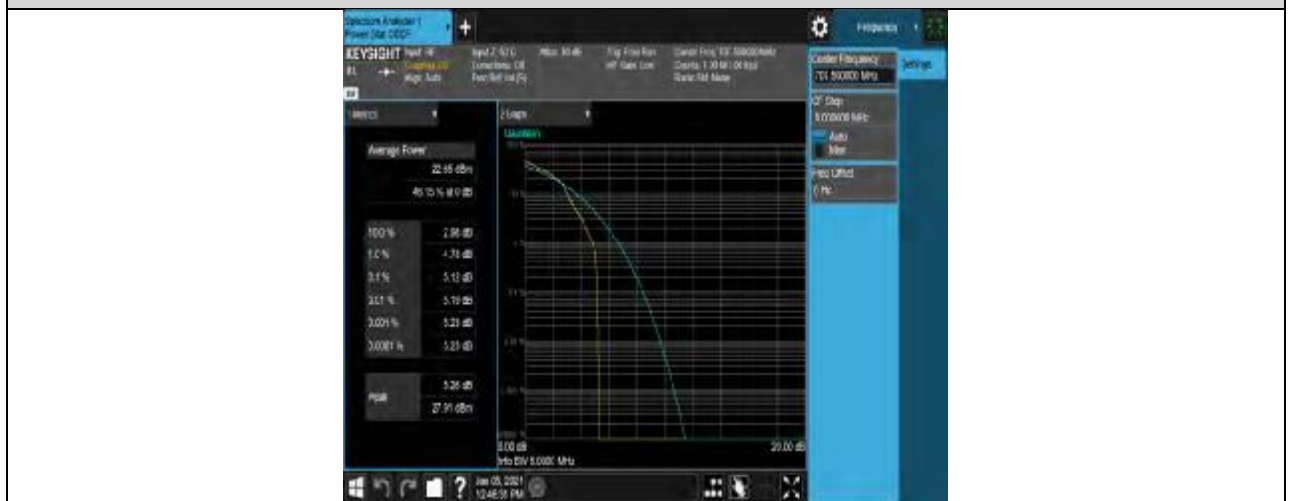
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Band12-3MHz-16QAM-23025-15RB#0

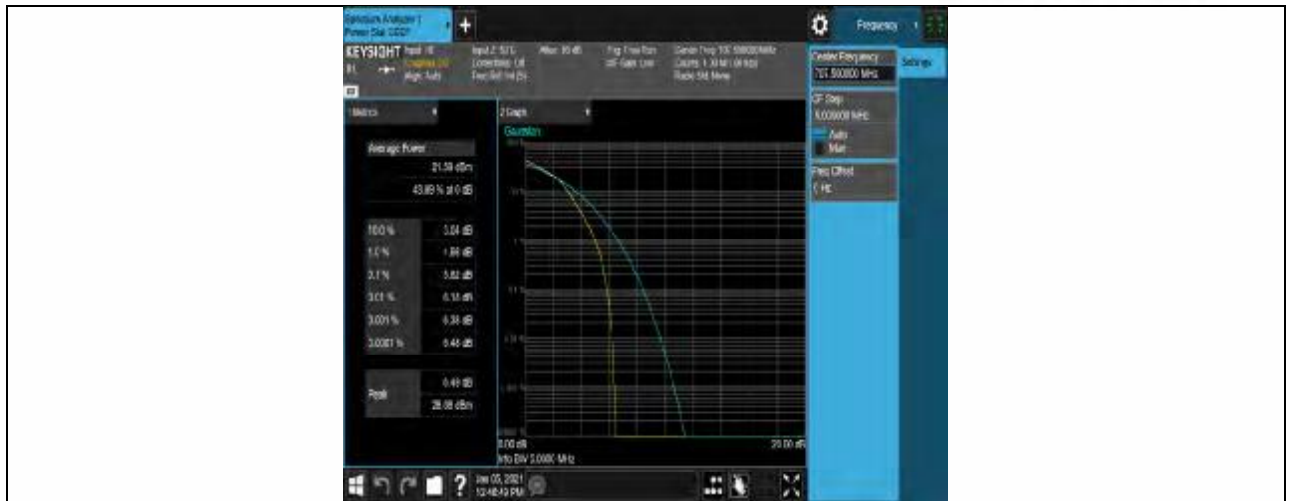


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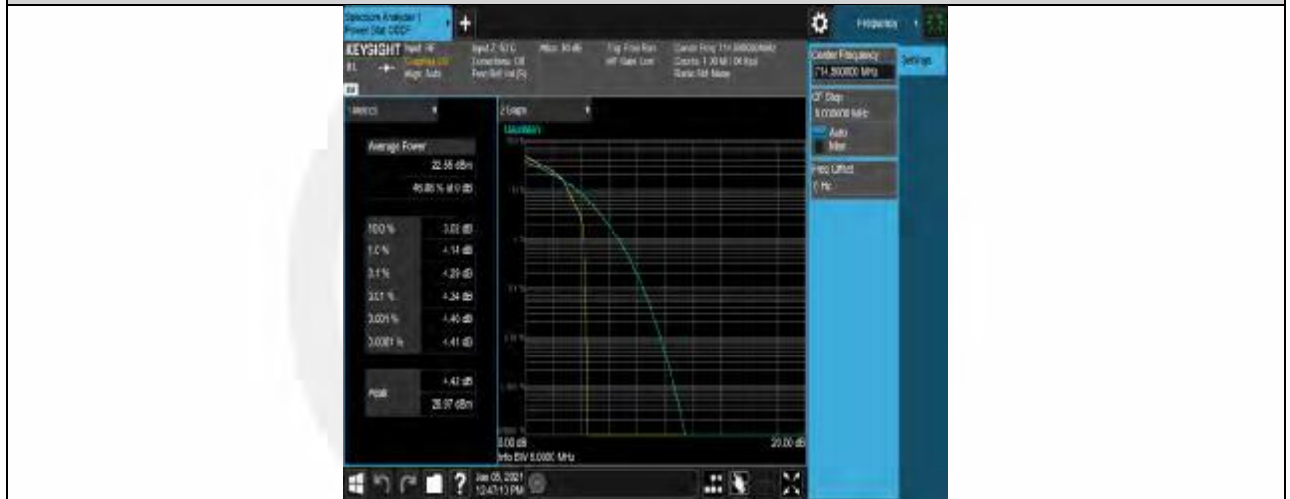


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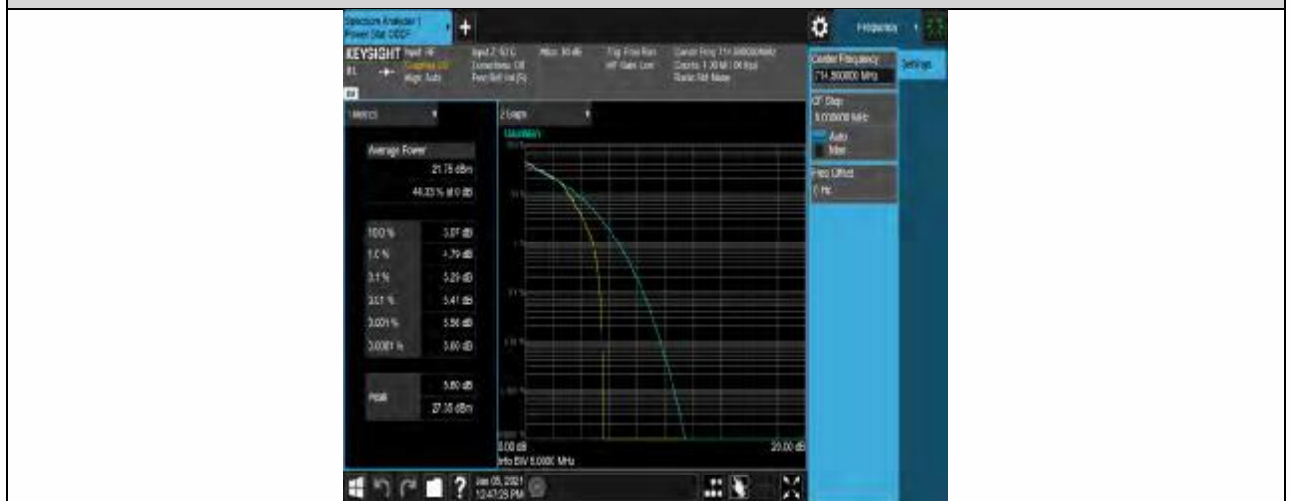




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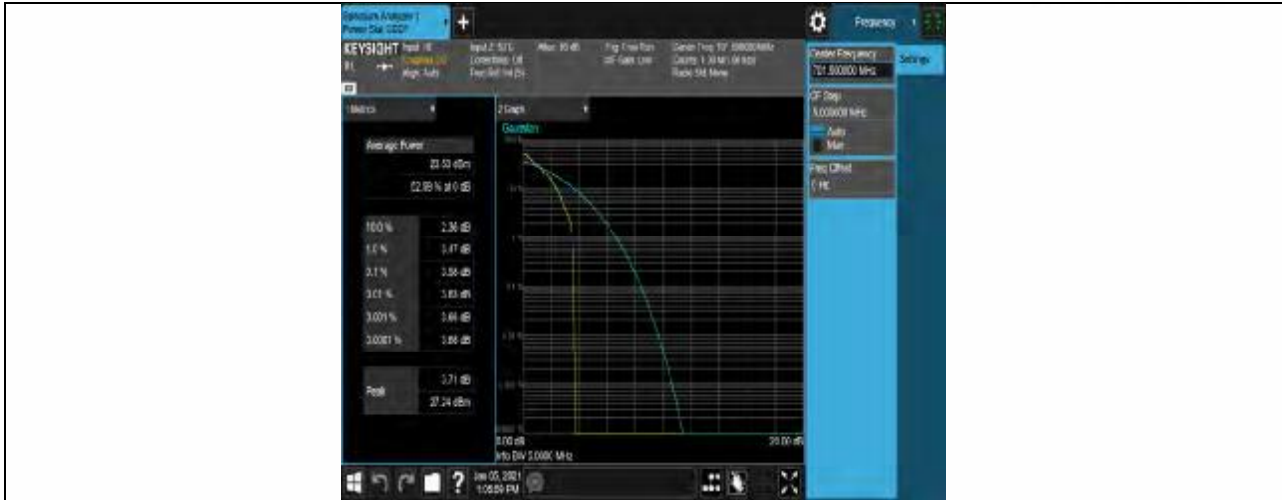


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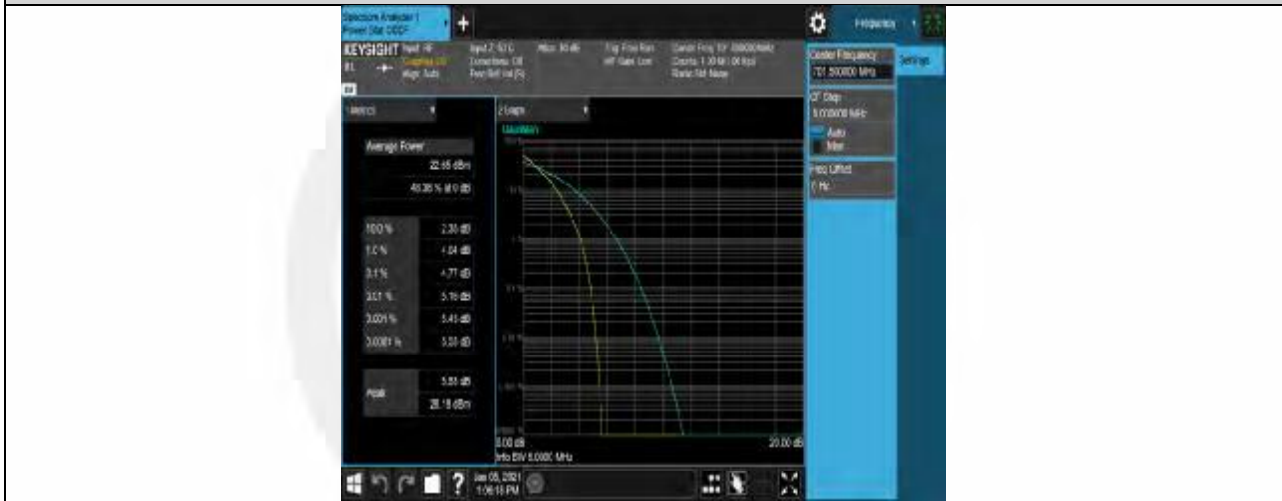


Band12-5MHz-QPSK-23035-1RB#0





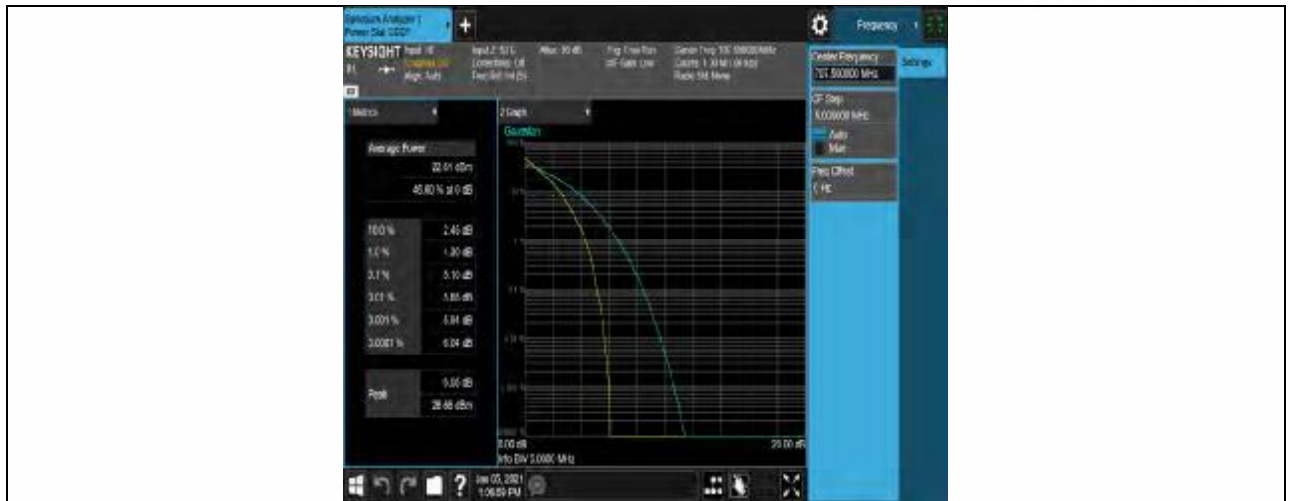
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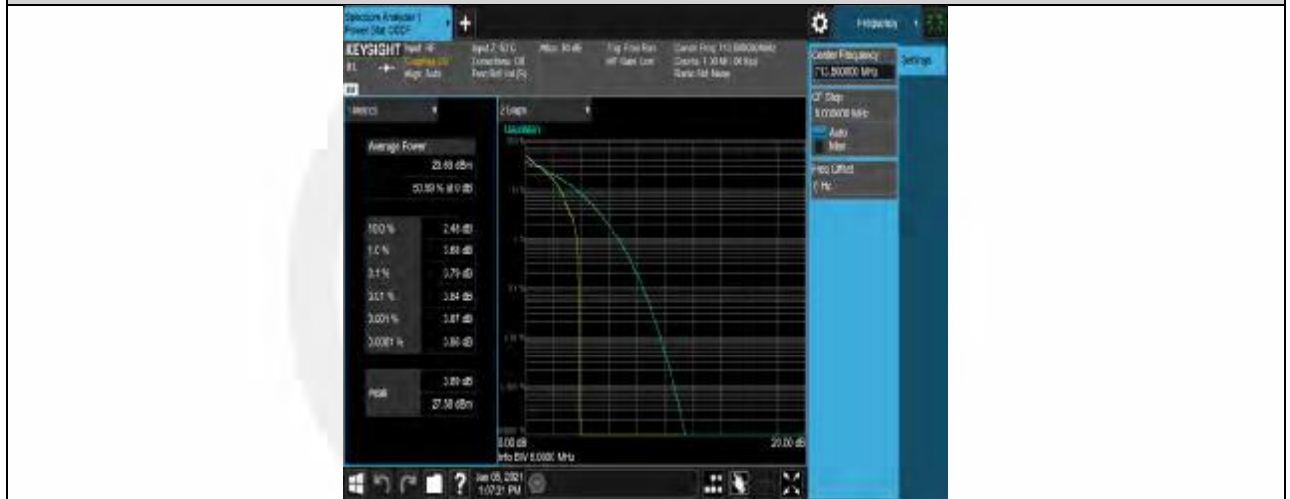
Band12-5MHz-QPSK-23095-1RB#0



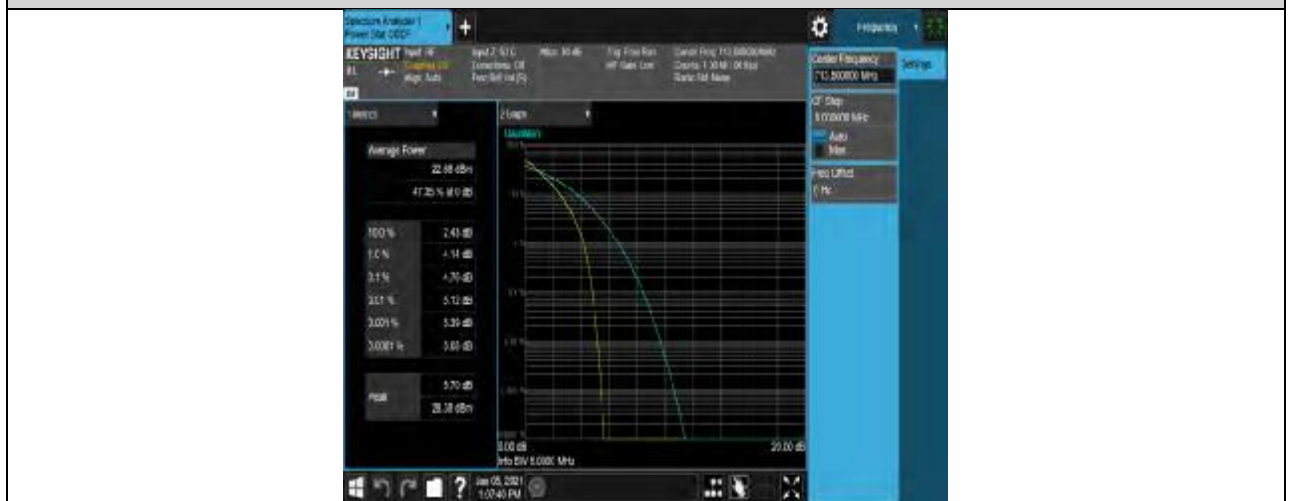
Band12-5MHz-QPSK-23095-25RB#0



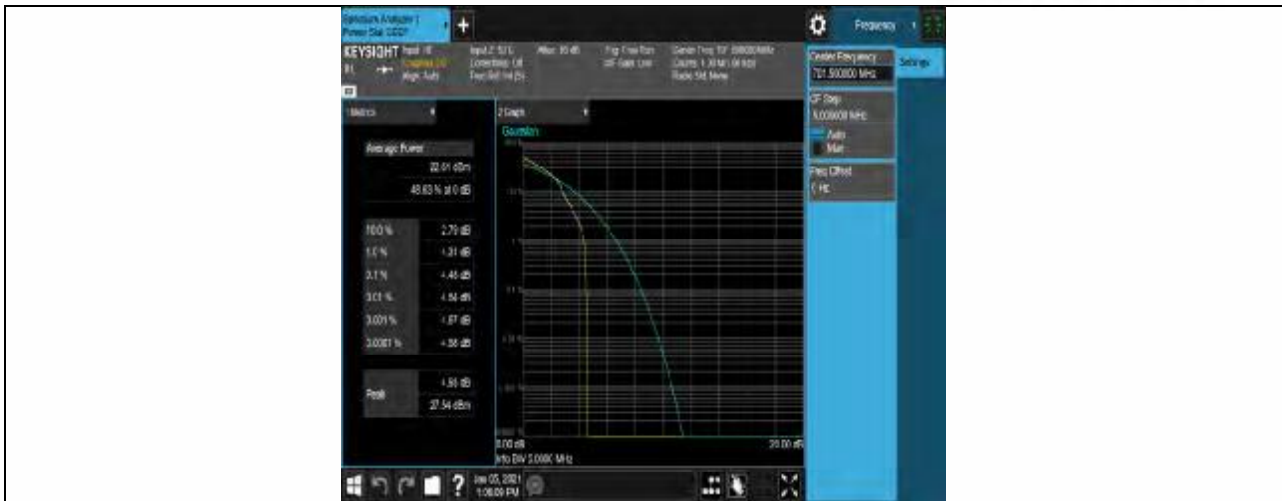
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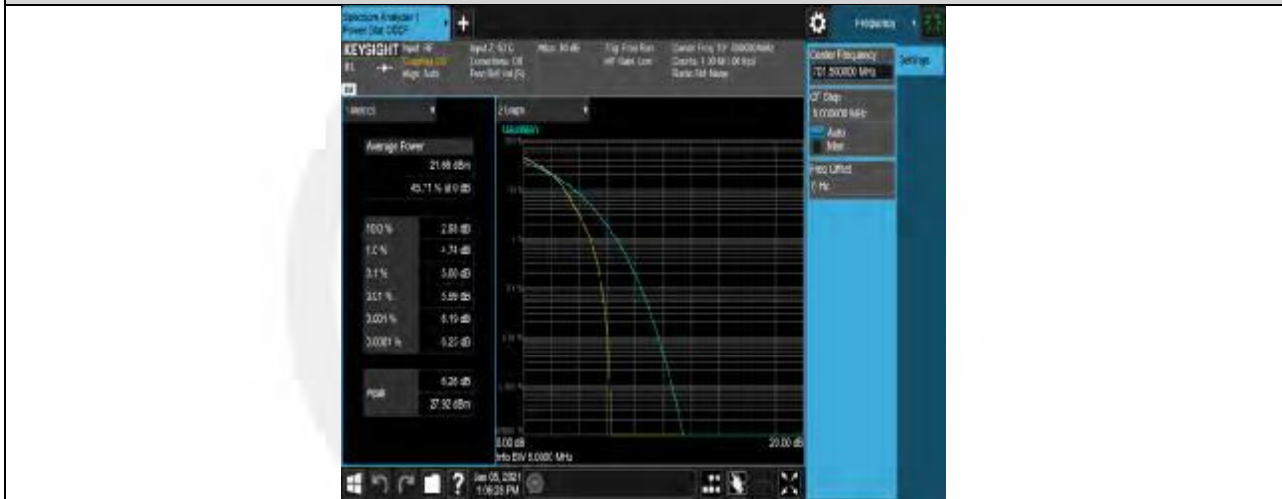
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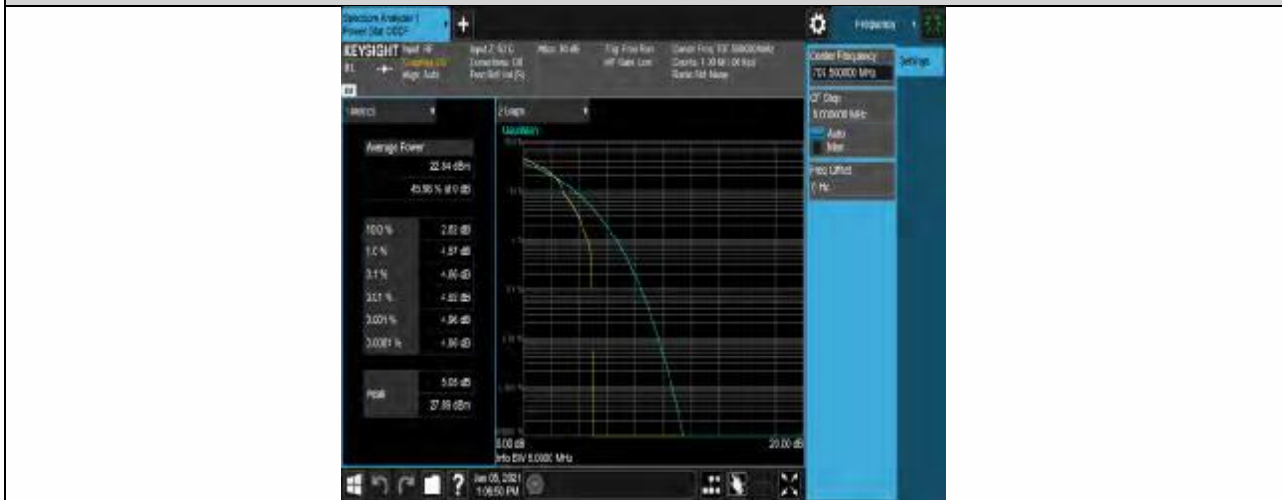
Band12-5MHz-16QAM-23035-1RB#0



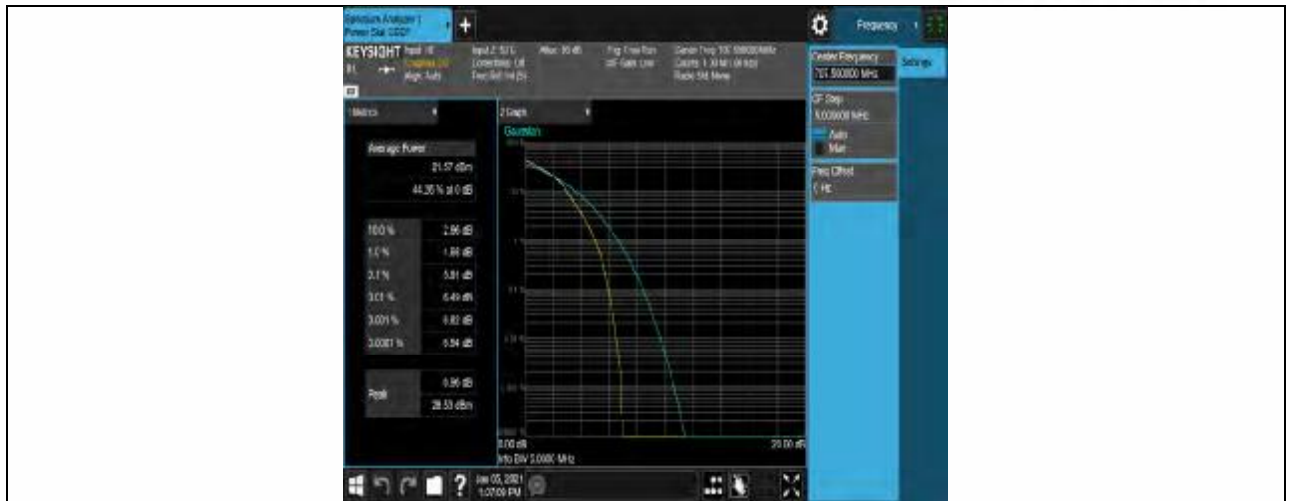
Band12-5MHz-16QAM-23035-25RB#0



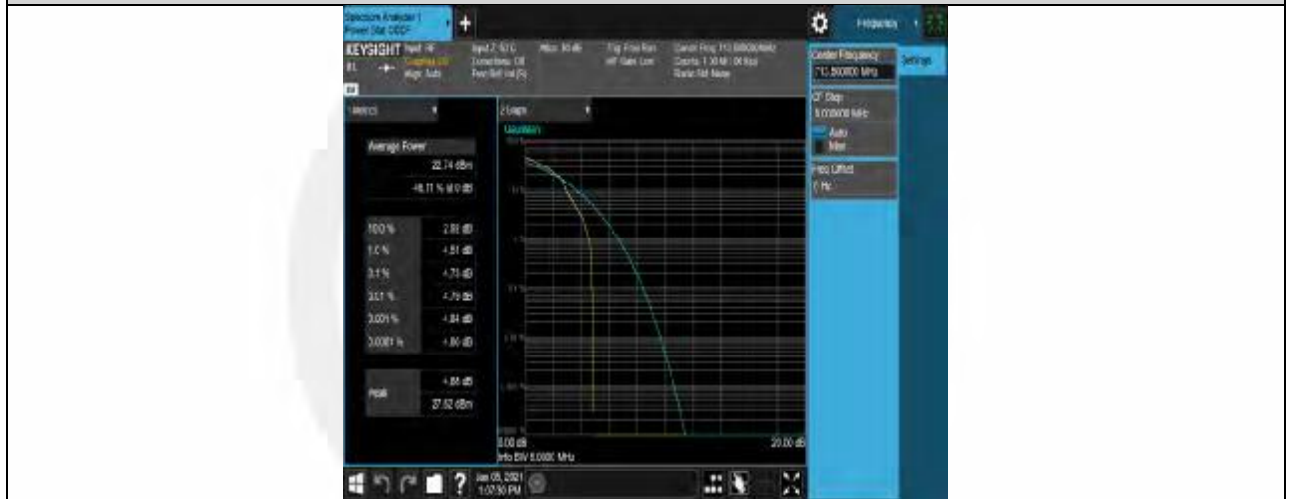
Band12-5MHz-16QAM-23095-1RB#0



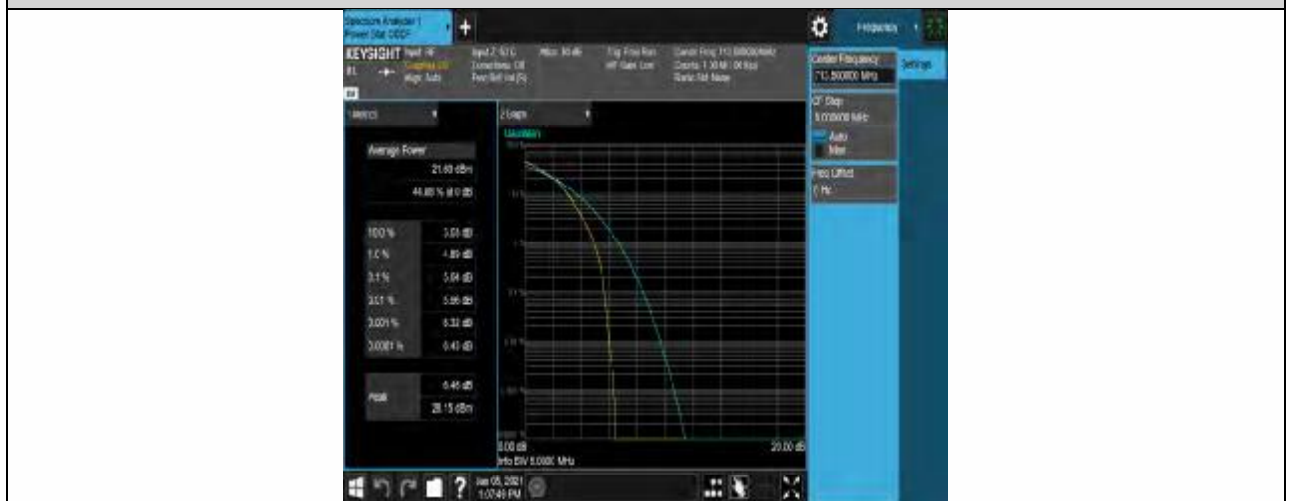
Band12-5MHz-16QAM-23095-25RB#0



Band12-5MHz-16QAM-23155-1RB#0

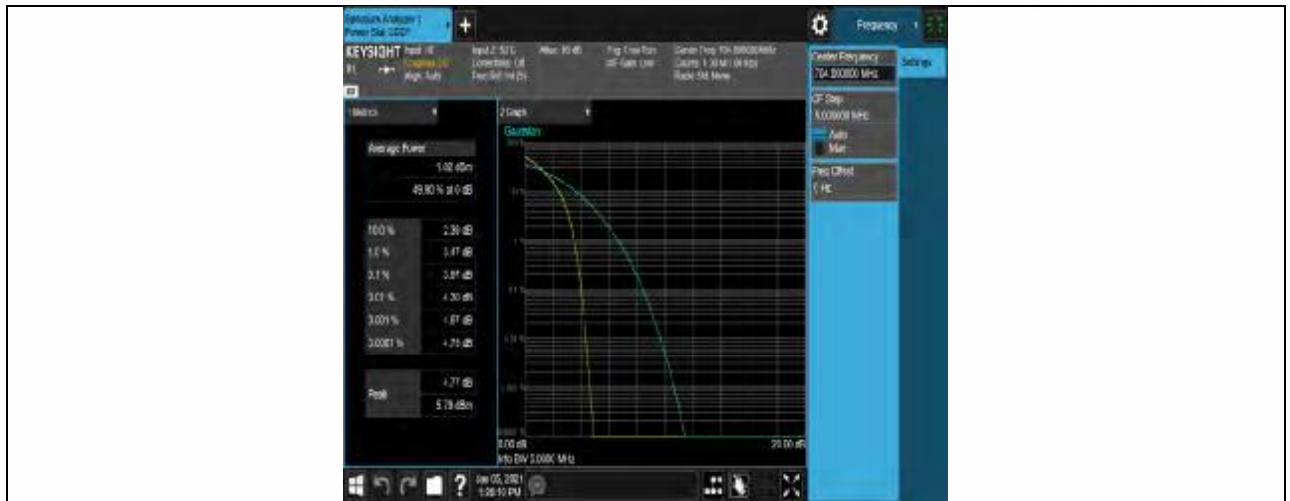


Band12-5MHz-16QAM-23155-25RB#0

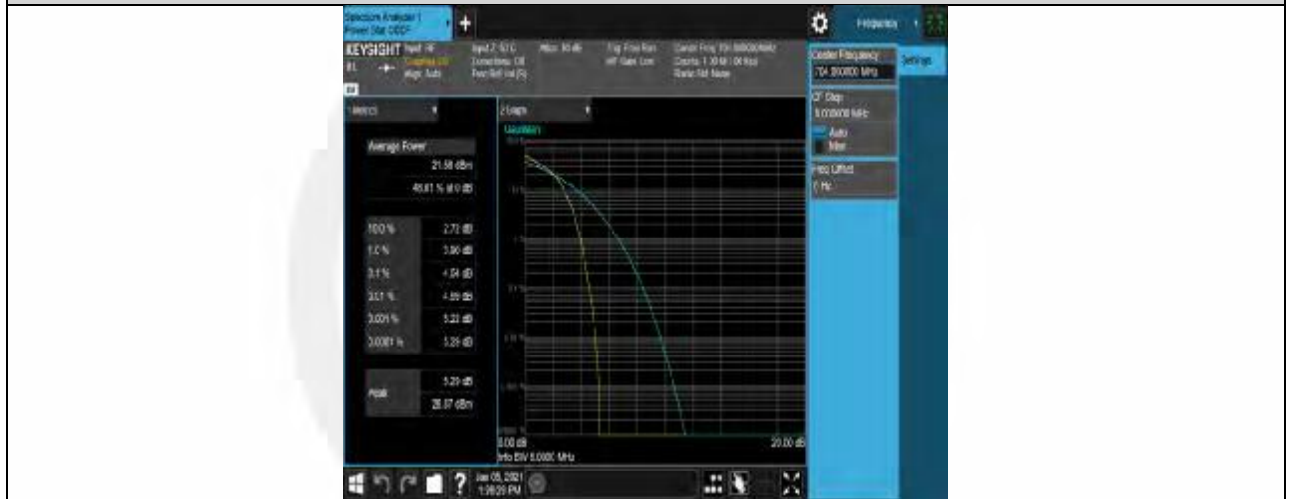


Band12-10MHz-QPSK-23060-1RB#0

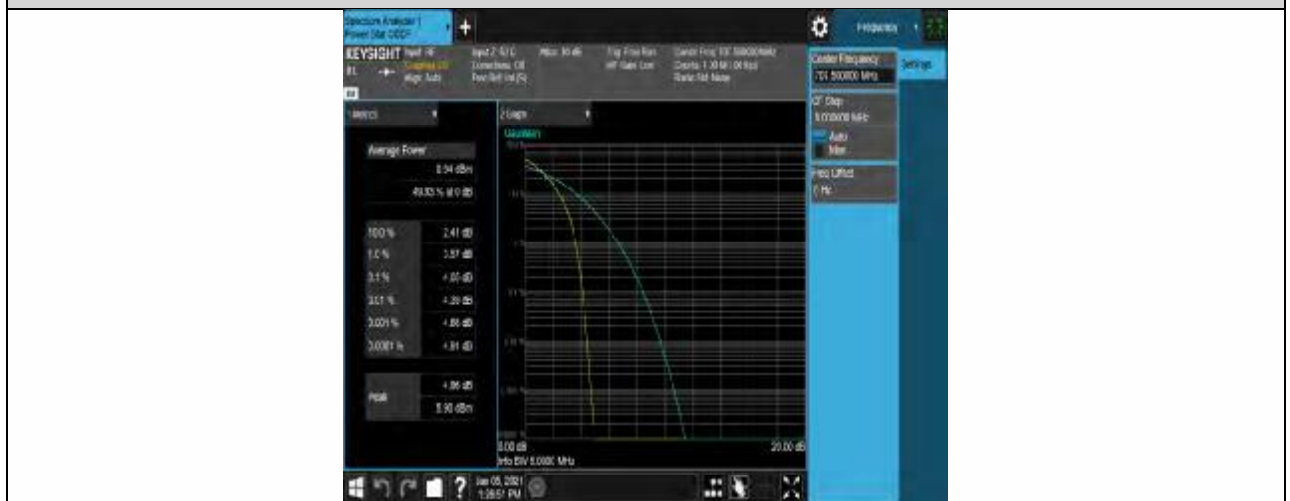




Band12-10MHz-QPSK-23060-50RB#0

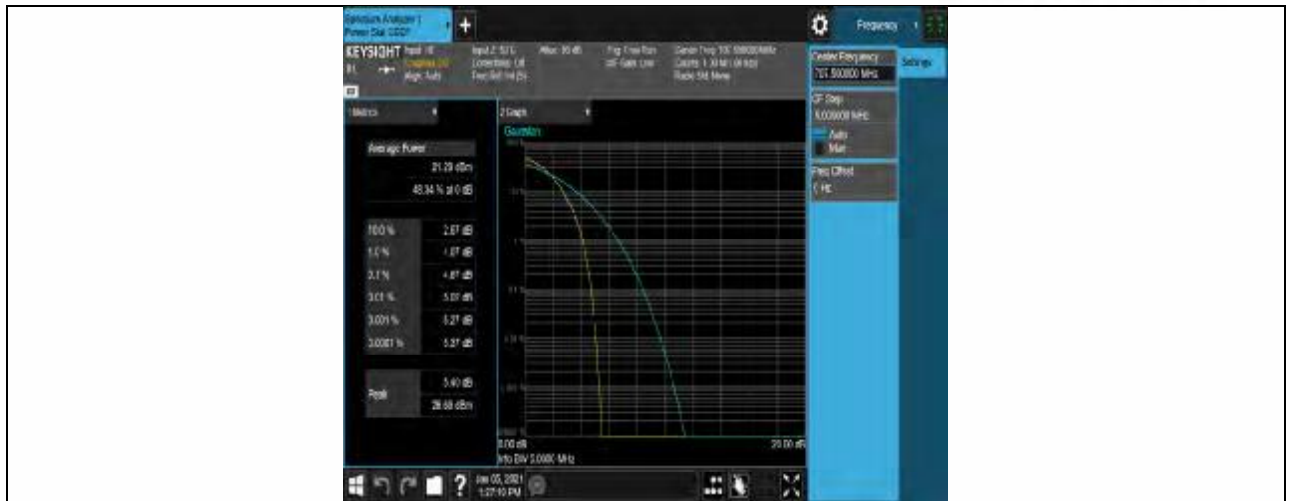


Band12-10MHz-QPSK-23095-1RB#0

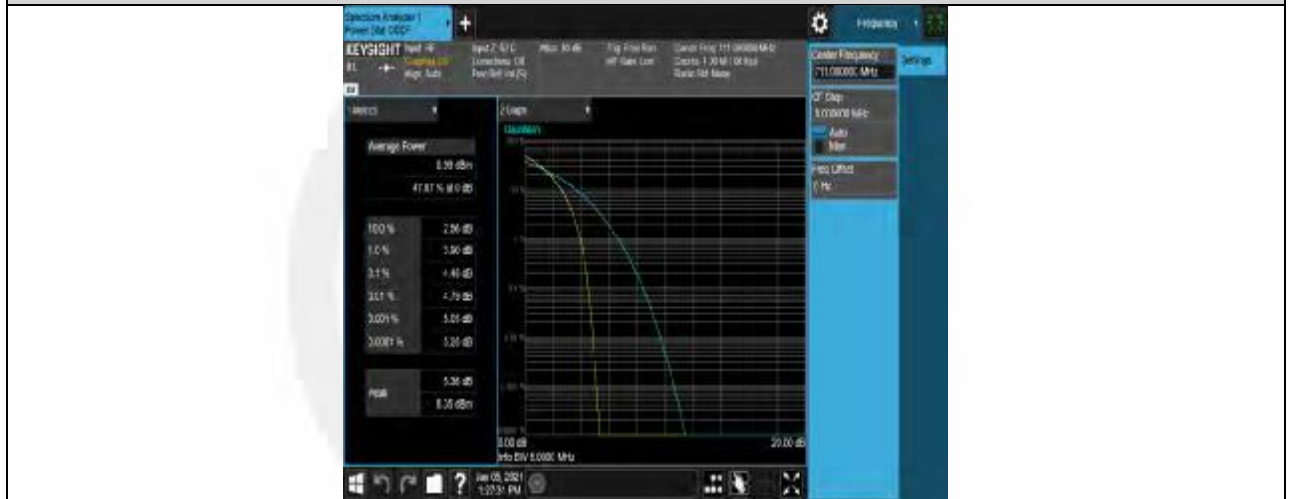


Band12-10MHz-QPSK-23095-50RB#0

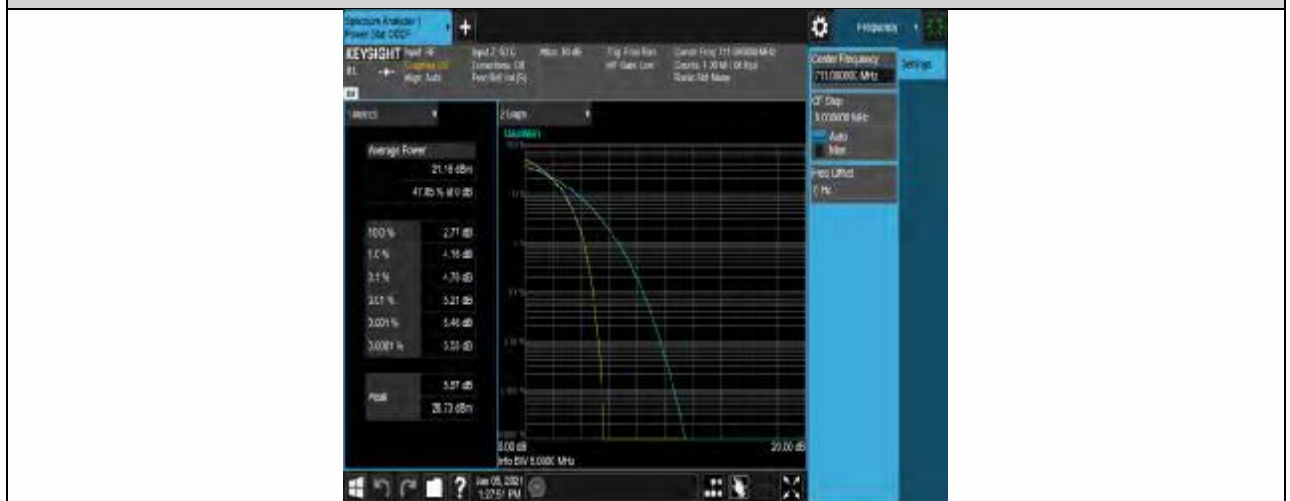




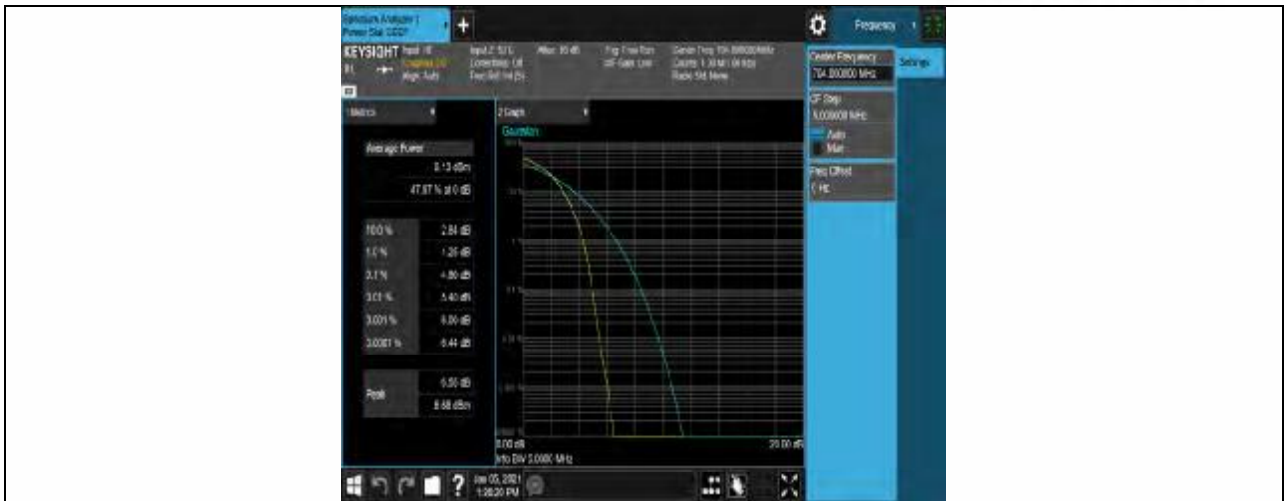
Band12-10MHz-QPSK-23130-1RB#0



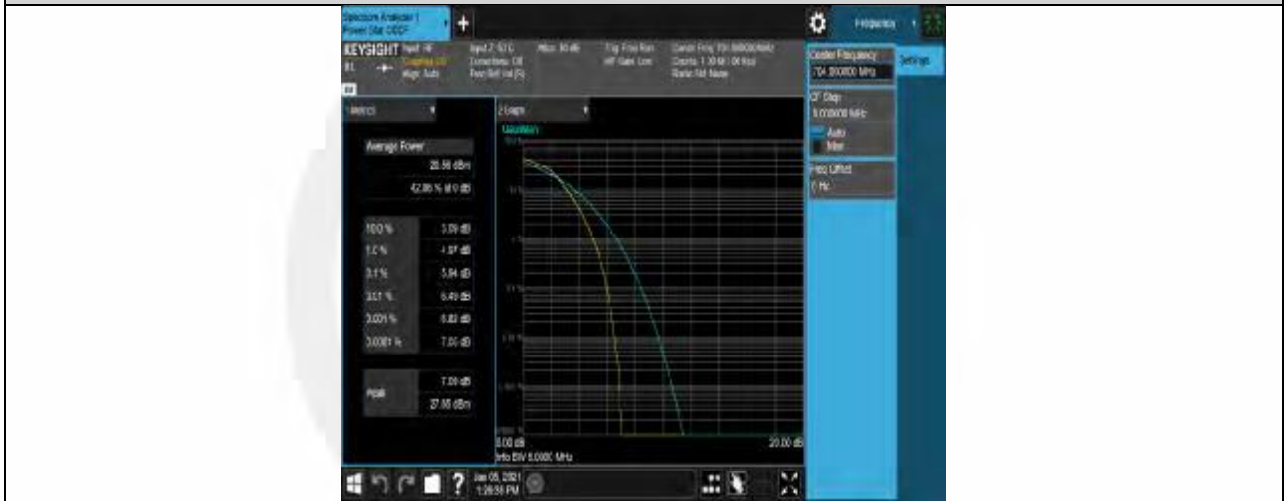
Band12-10MHz-QPSK-23130-50RB#0



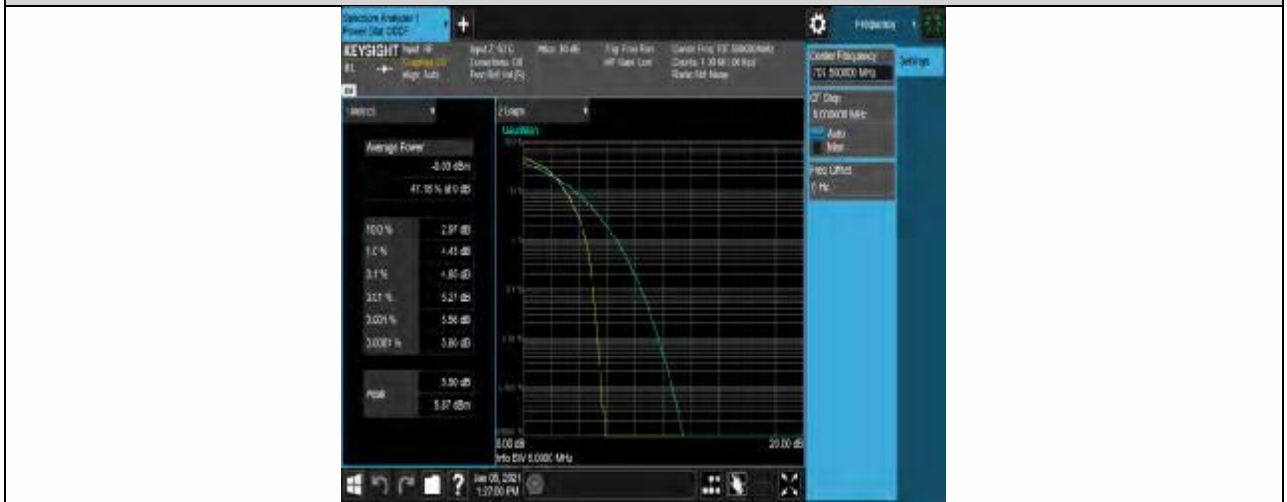
Band12-10MHz-16QAM-23060-1RB#0



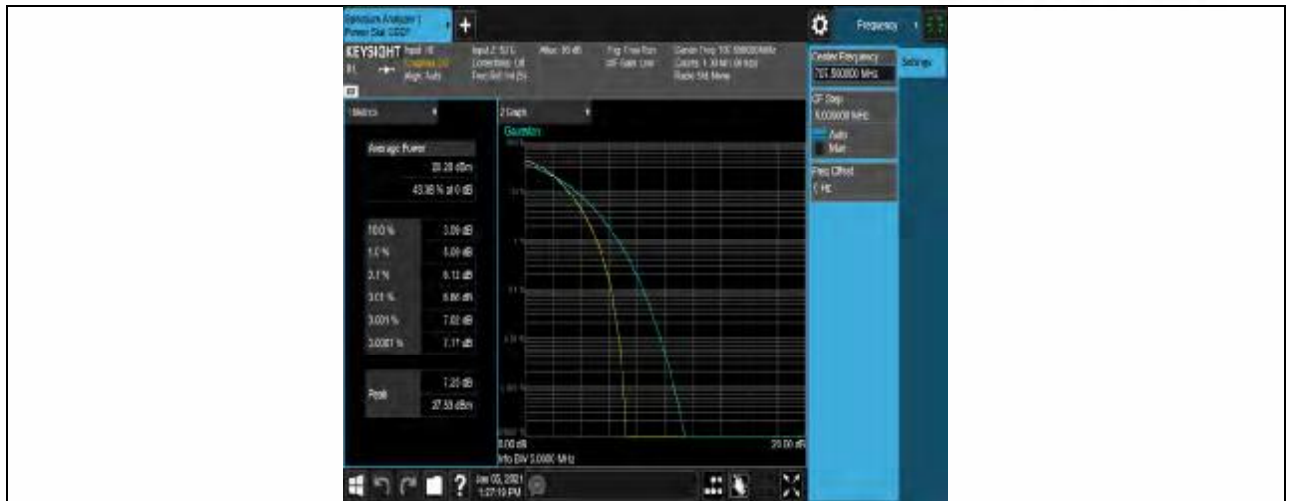
Band12-10MHz-16QAM-23060-50RB#0



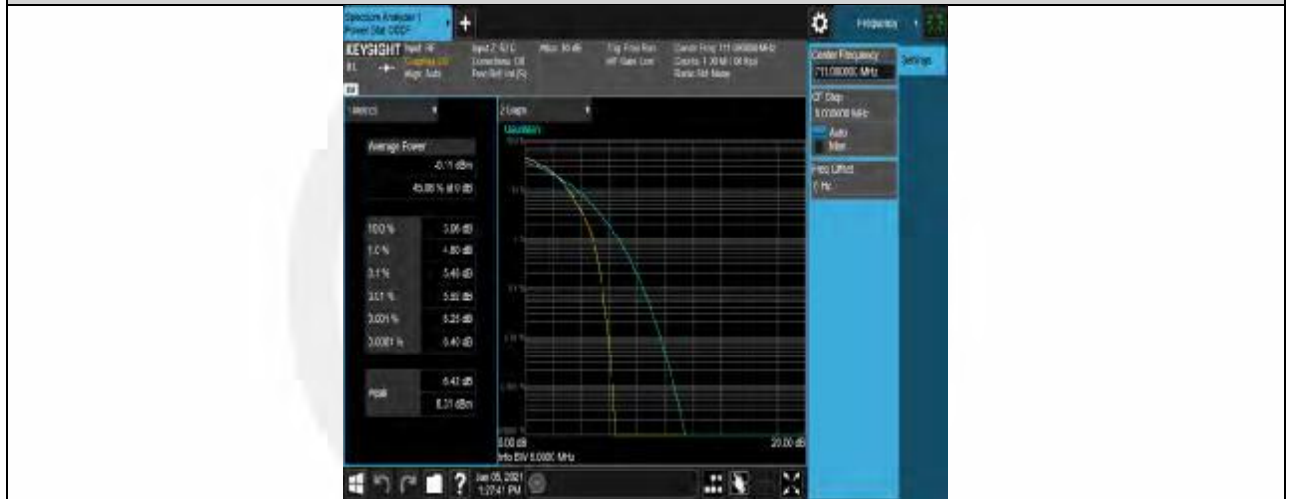
Band12-10MHz-16QAM-23095-1RB#0



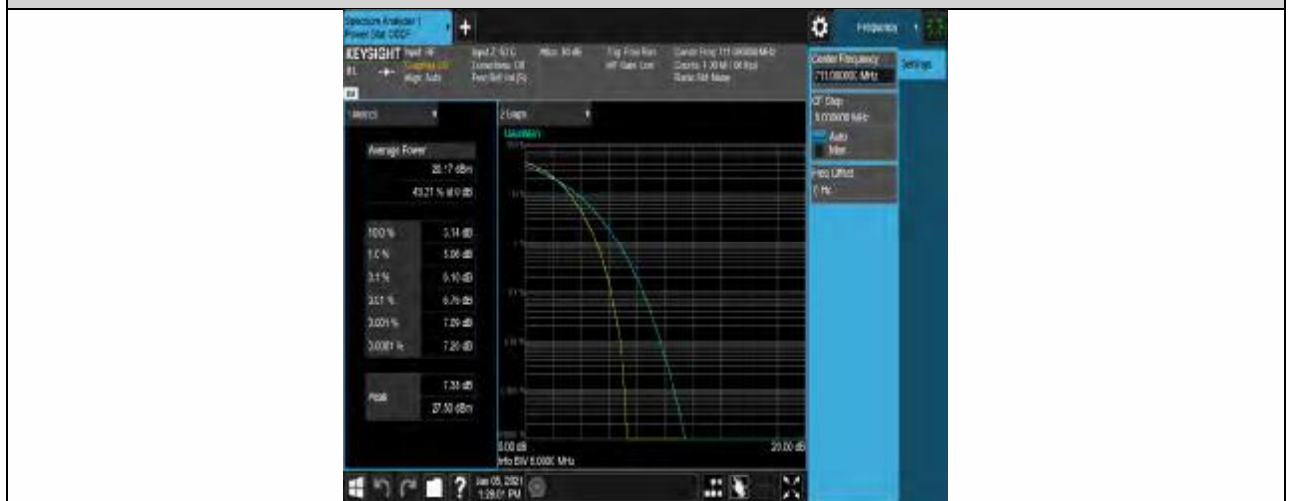
Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-1RB#0



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



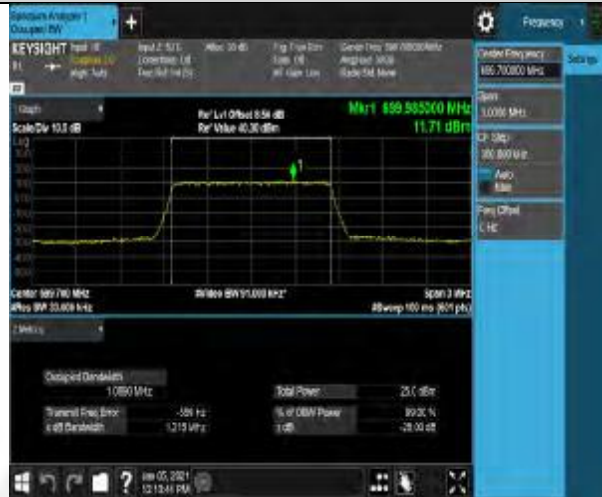
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0890	1.215	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0905	1.217	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0878	1.221	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0862	1.217	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0896	1.228	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0896	1.212	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6884	2.921	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6971	2.927	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6976	2.896	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6899	2.906	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6972	2.922	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6898	2.908	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4976	4.857	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5033	4.851	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4887	4.855	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4973	4.840	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.4980	4.865	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.4964	4.827	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9315	9.485	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9774	9.511	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9870	9.550	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9222	9.476	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9914	9.505	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9849	9.504	PASS

**Test Graphs**

Band12-1.4MHz-QPSK-23017-6RB#0-1.0890

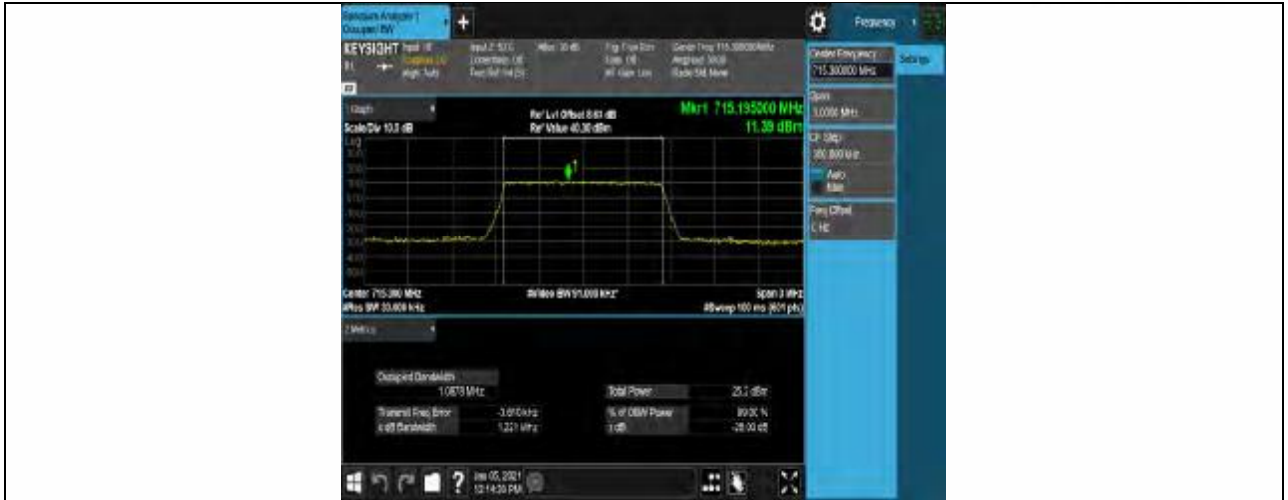


Band12-1.4MHz-QPSK-23095-6RB#0-1.0905



Band12-1.4MHz-QPSK-23173-6RB#0-1.0878





Band12-1.4MHz-16QAM-23017-6RB#0-1.0862



Band12-1.4MHz-16QAM-23095-6RB#0-1.0896



Band12-1.4MHz-16QAM-23173-6RB#0-1.0896



Band12-3MHz-QPSK-23025-15RB#0-2.6884



Band12-3MHz-QPSK-23095-15RB#0-2.6971



Band12-3MHz-QPSK-23165-15RB#0-2.6976



Band12-3MHz-16QAM-23025-15RB#0-2.6899



Band12-3MHz-16QAM-23095-15RB#0-2.6972



Band12-3MHz-16QAM-23165-15RB#0-2.6898



Band12-5MHz-QPSK-23035-25RB#0-4.4976



Band12-5MHz-QPSK-23095-25RB#0-4.5033



Band12-5MHz-QPSK-23155-25RB#0-4.4887





Band12-5MHz-16QAM-23035-25RB#0-4.4973



Band12-5MHz-16QAM-23095-25RB#0-4.4980



Band12-5MHz-16QAM-23155-25RB#0-4.4964

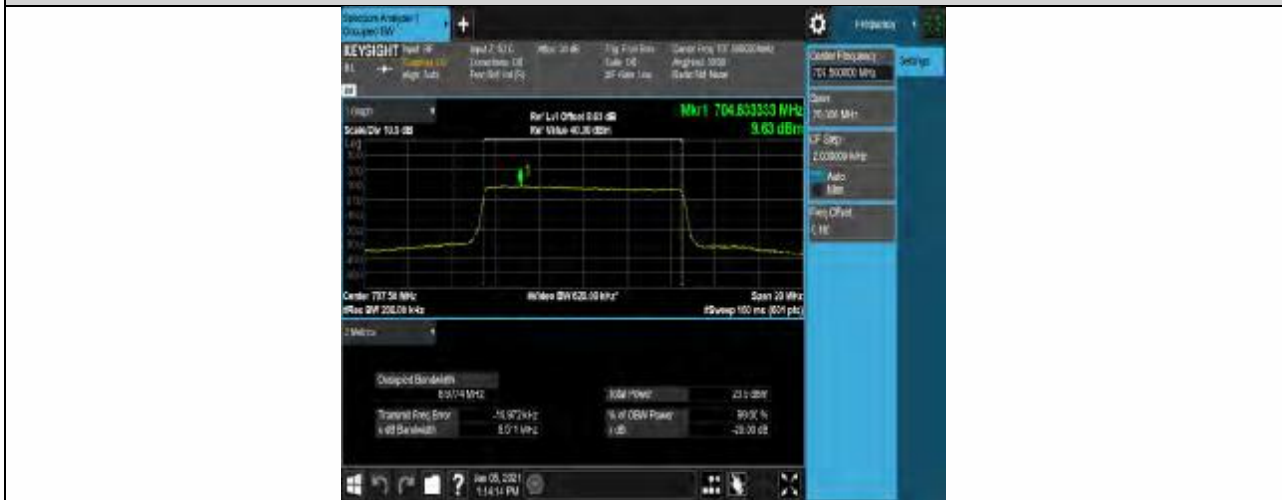




Band12-10MHz-QPSK-23060-50RB#0-8.9315



Band12-10MHz-QPSK-23095-50RB#0-8.9774



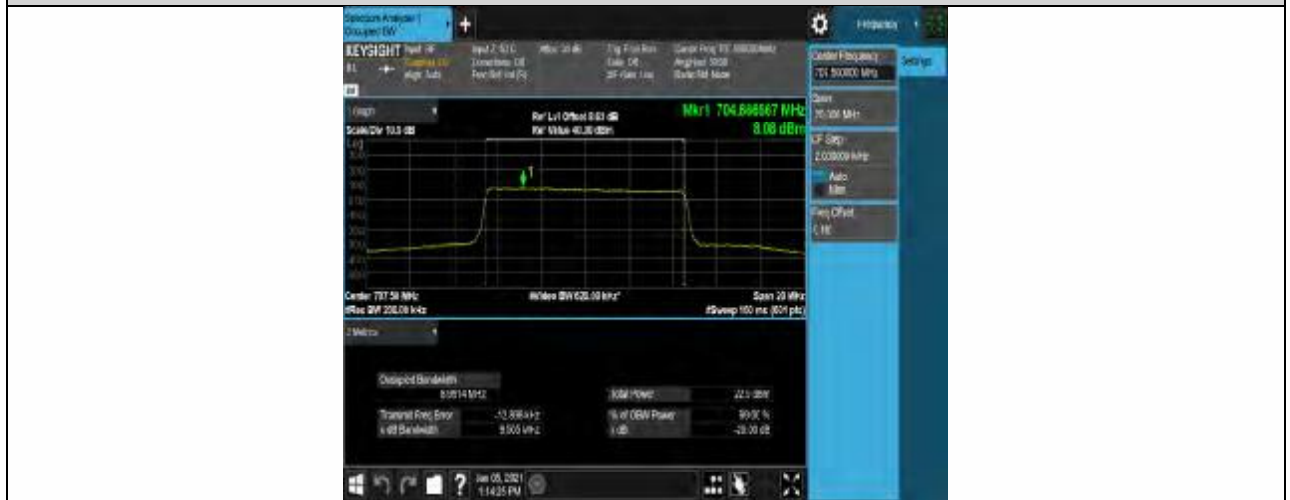
Band12-10MHz-QPSK-23130-50RB#0-8.9870



Band12-10MHz-16QAM-23060-50RB#0-8.9222



Band12-10MHz-16QAM-23095-50RB#0-8.9914



Band12-10MHz-16QAM-23130-50RB#0-8.9849



## Appendix D: Band Edge

### Test Result

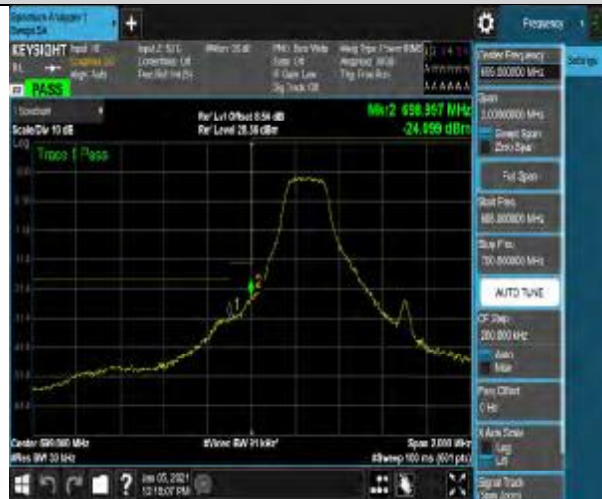
Band	Bandwidth	Modulation	Channel	RB Config.	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	PASS
Band12	3MHz	QPSK	23025	1RB#0	PASS
Band12	3MHz	QPSK	23025	1RB#14	PASS
Band12	3MHz	QPSK	23025	15RB#0	PASS
Band12	3MHz	QPSK	23165	1RB#0	PASS
Band12	3MHz	QPSK	23165	1RB#14	PASS
Band12	3MHz	QPSK	23165	15RB#0	PASS
Band12	3MHz	16QAM	23025	1RB#0	PASS
Band12	3MHz	16QAM	23025	1RB#14	PASS
Band12	3MHz	16QAM	23025	15RB#0	PASS
Band12	3MHz	16QAM	23165	1RB#0	PASS
Band12	3MHz	16QAM	23165	1RB#14	PASS
Band12	3MHz	16QAM	23165	15RB#0	PASS
Band12	5MHz	QPSK	23035	1RB#0	PASS
Band12	5MHz	QPSK	23035	1RB#24	PASS
Band12	5MHz	QPSK	23035	25RB#0	PASS
Band12	5MHz	QPSK	23155	1RB#0	PASS
Band12	5MHz	QPSK	23155	1RB#24	PASS
Band12	5MHz	QPSK	23155	25RB#0	PASS
Band12	5MHz	16QAM	23035	1RB#0	PASS
Band12	5MHz	16QAM	23035	1RB#24	PASS
Band12	5MHz	16QAM	23035	25RB#0	PASS

Band12	5MHz	16QAM	23155	1RB#0	PASS
Band12	5MHz	16QAM	23155	1RB#24	PASS
Band12	5MHz	16QAM	23155	25RB#0	PASS
Band12	10MHz	QPSK	23060	1RB#0	PASS
Band12	10MHz	QPSK	23060	1RB#49	PASS
Band12	10MHz	QPSK	23060	50RB#0	PASS
Band12	10MHz	QPSK	23130	1RB#0	PASS
Band12	10MHz	QPSK	23130	1RB#49	PASS
Band12	10MHz	QPSK	23130	50RB#0	PASS
Band12	10MHz	16QAM	23060	1RB#0	PASS
Band12	10MHz	16QAM	23060	1RB#49	PASS
Band12	10MHz	16QAM	23060	50RB#0	PASS
Band12	10MHz	16QAM	23130	1RB#0	PASS
Band12	10MHz	16QAM	23130	1RB#49	PASS
Band12	10MHz	16QAM	23130	50RB#0	PASS



**Test Graphs**

Band12-1.4MHz-QPSK-23017-1RB#0



Band12-1.4MHz-QPSK-23017-1RB#5



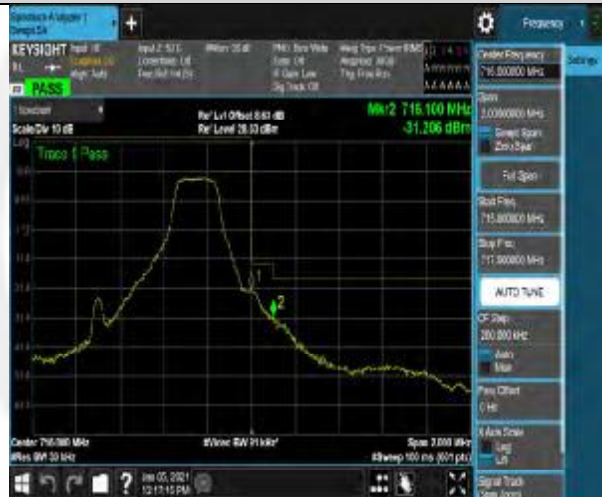
Band12-1.4MHz-QPSK-23017-6RB#0



Band12-1.4MHz-QPSK-23173-1RB#0



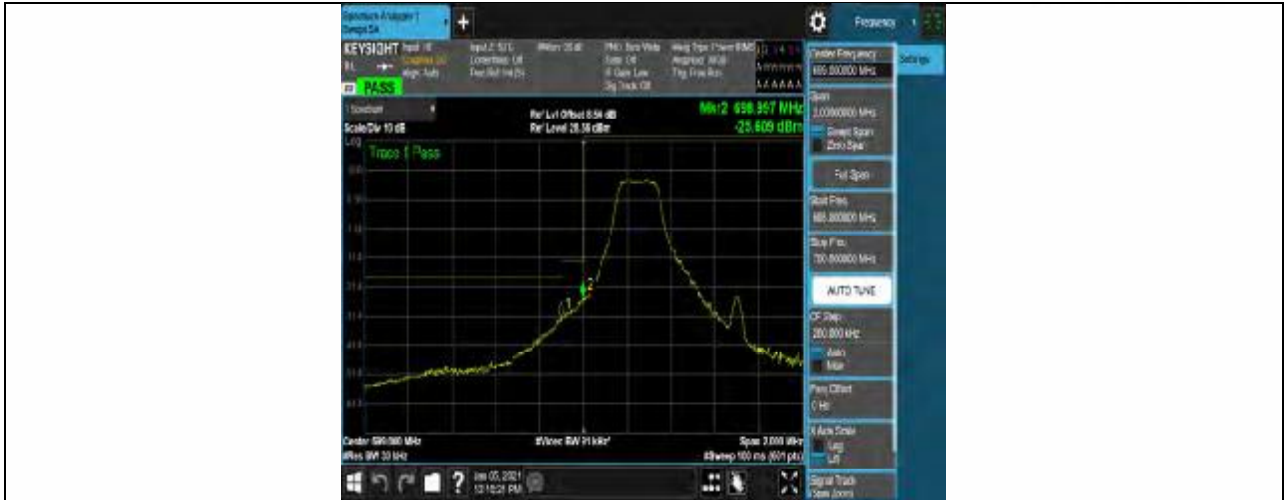
Band12-1.4MHz-QPSK-23173-1RB#5



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



Band12-1.4MHz-16QAM-23017-1RB#0



Band12-1.4MHz-16QAM-23017-1RB#5



Band12-1.4MHz-16QAM-23017-6RB#0

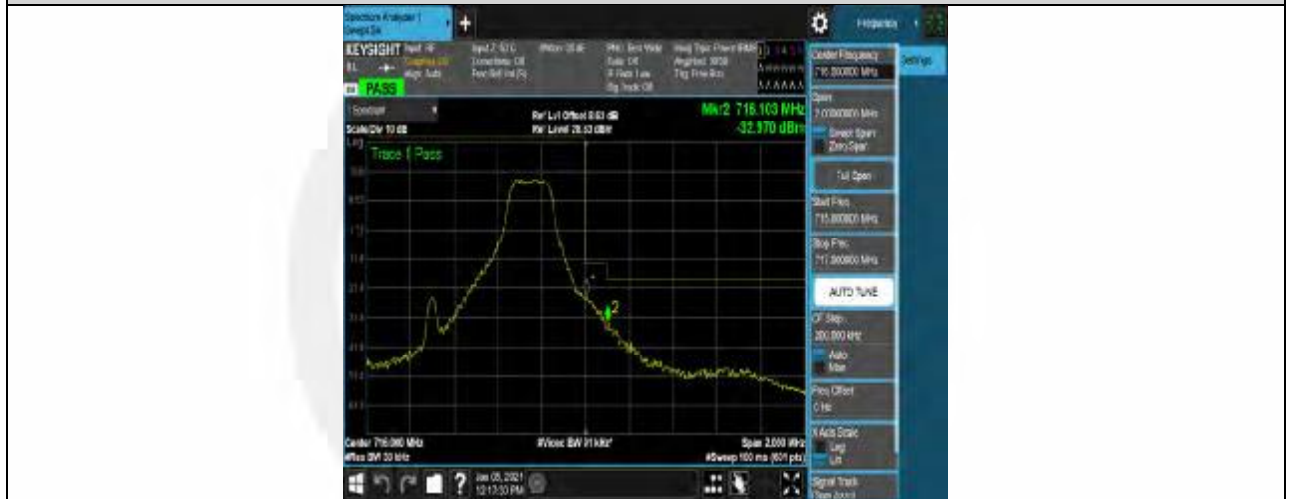


Band12-1.4MHz-16QAM-23173-1RB#0





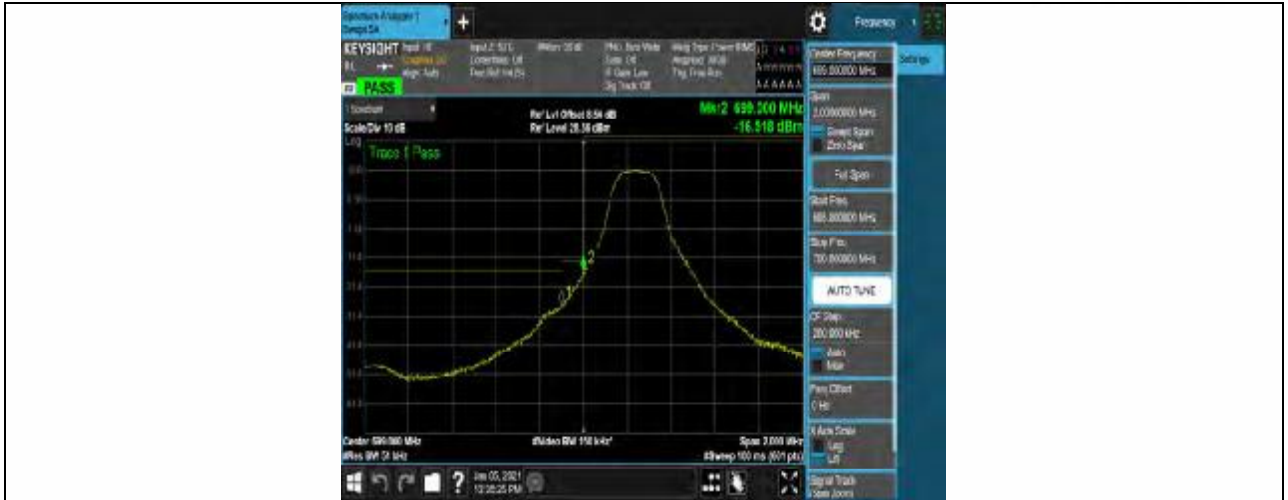
Band12-1.4MHz-16QAM-23173-1RB#5



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



Band12-3MHz-QPSK-23025-1RB#0



Band12-3MHz-QPSK-23025-1RB#14



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



Band12-3MHz-QPSK-23165-1RB#0

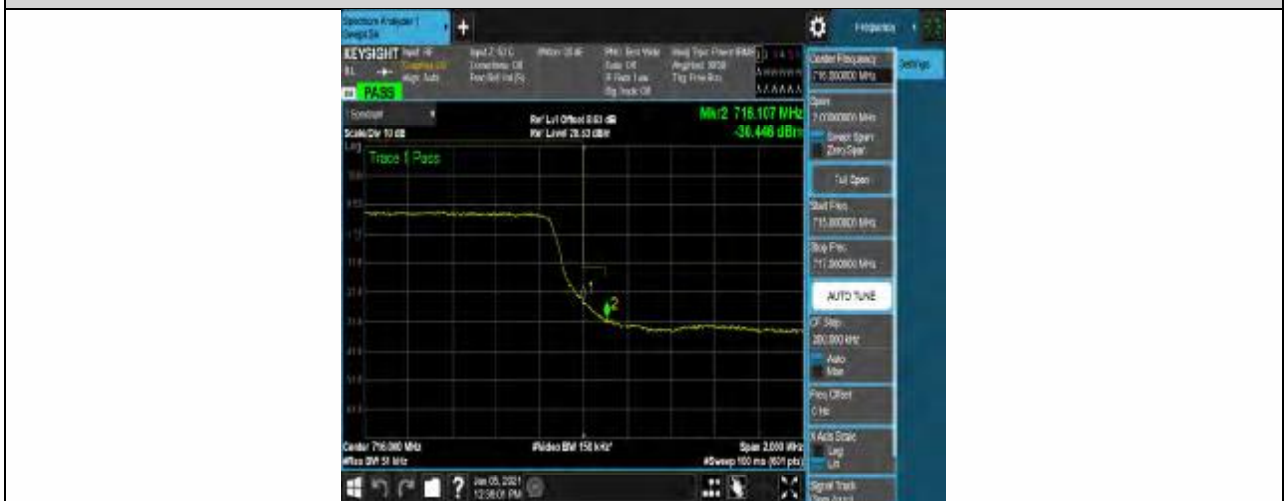




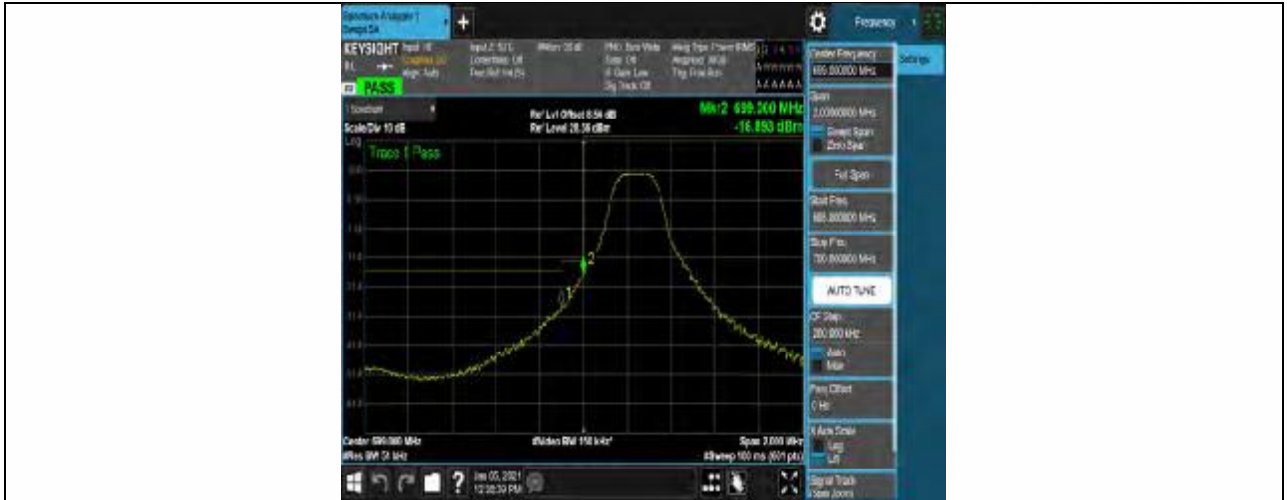
Band12-3MHz-QPSK-23165-1RB#14



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



Band12-3MHz-16QAM-23025-1RB#0



Band12-3MHz-16QAM-23025-1RB#14



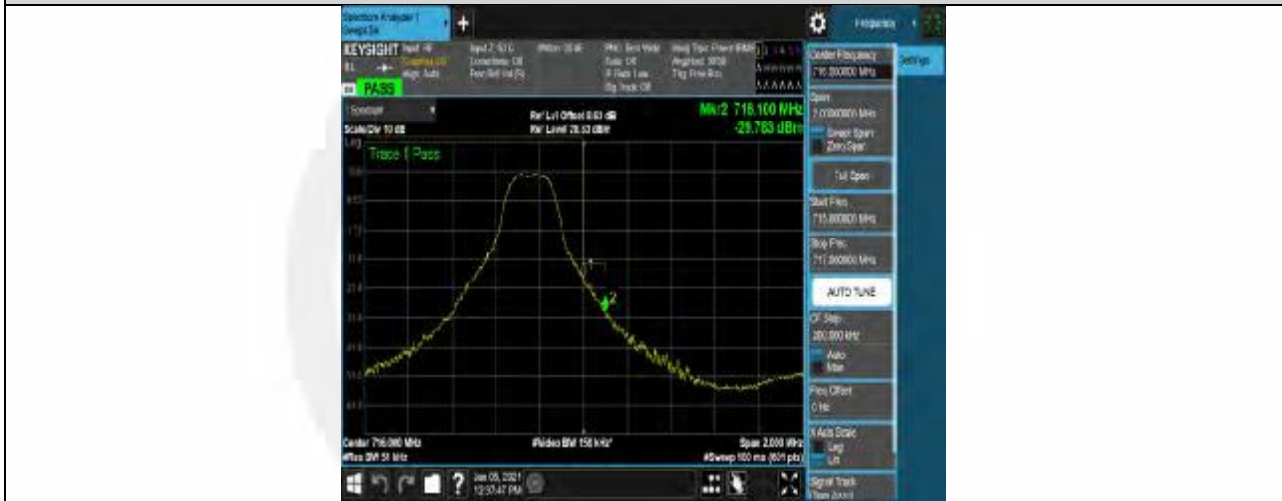
Band12-3MHz-16QAM-23025-15RB#0



Band12-3MHz-16QAM-23165-1RB#0



Band12-3MHz-16QAM-23165-1RB#14



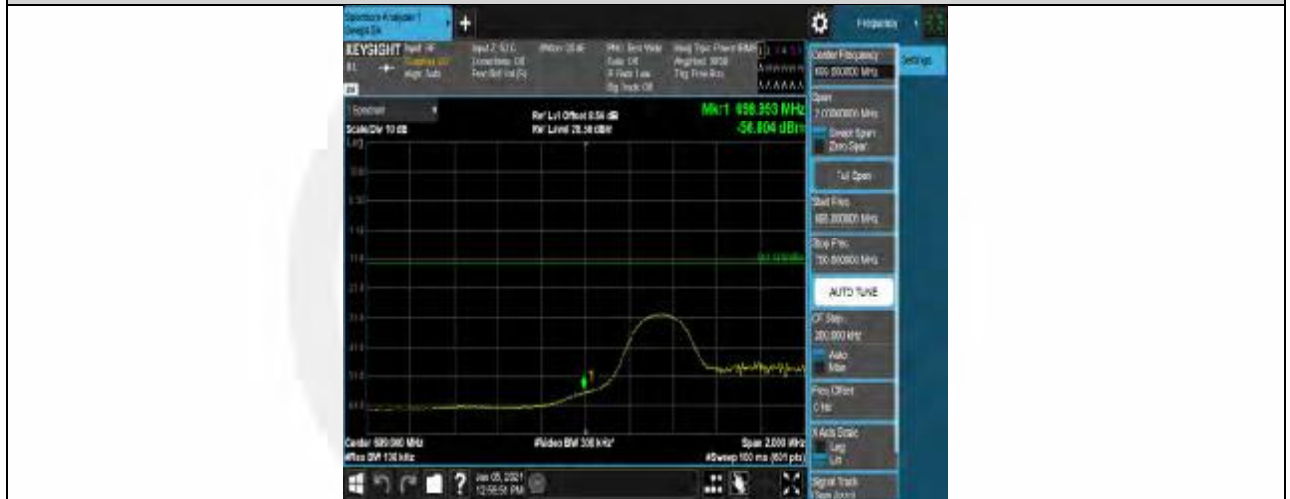
Band12-3MHz-16QAM-23165-15RB#0



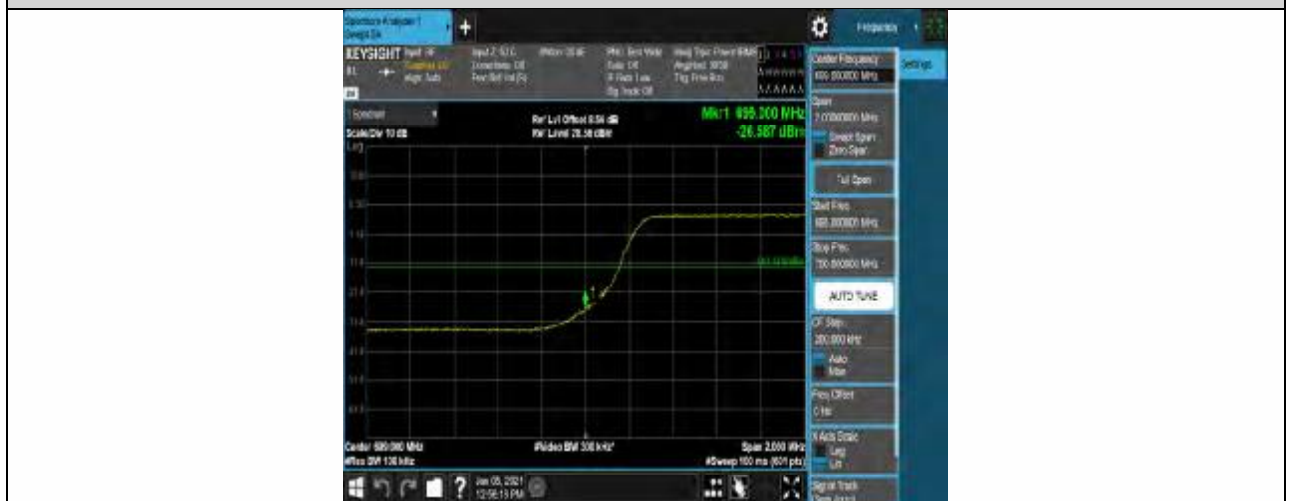
Band12-5MHz-QPSK-23035-1RB#0



Band12-5MHz-QPSK-23035-1RB#24



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



Band12-5MHz-QPSK-23155-1RB#0

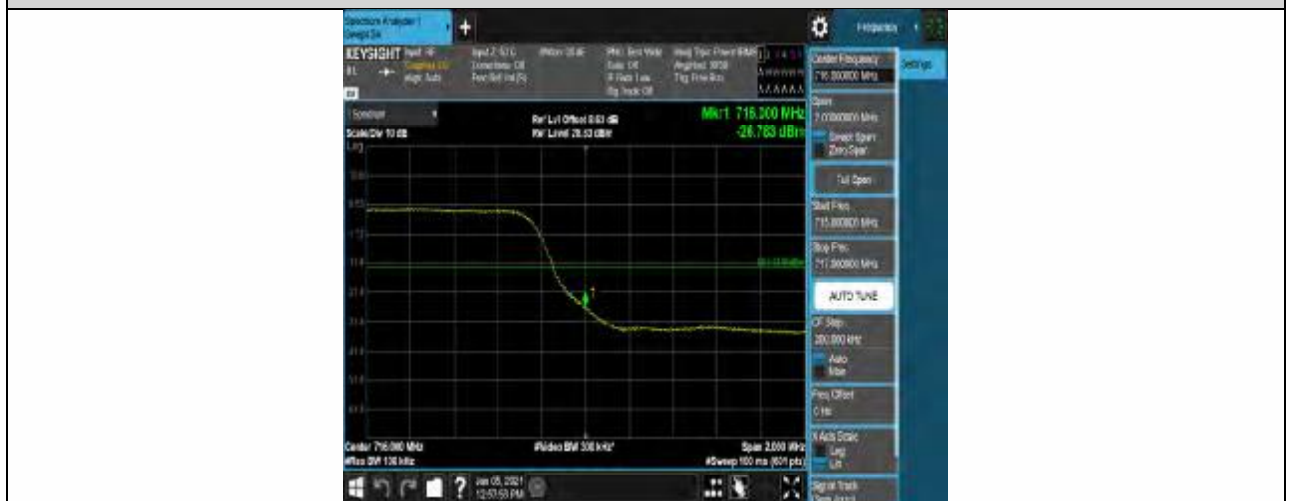




Band12-5MHz-QPSK-23155-1RB#24

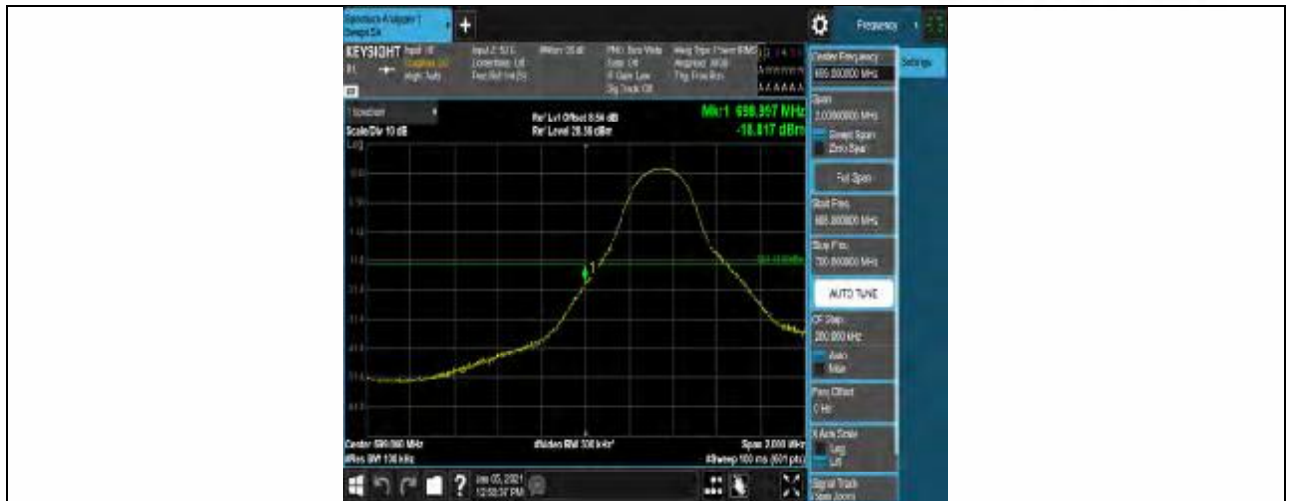


Band12-5MHz-QPSK-23155-25RB#0



Band12-5MHz-16QAM-23035-1RB#0

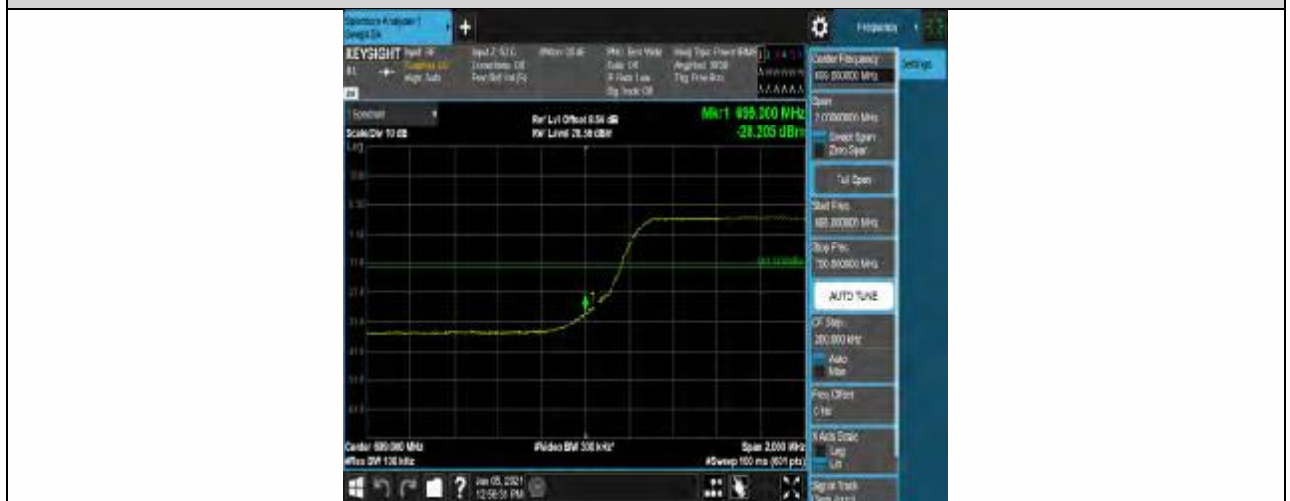




Band12-5MHz-16QAM-23035-1RB#24



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



Band12-5MHz-16QAM-23155-1RB#0



Band12-5MHz-16QAM-23155-1RB#24



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



Band12-10MHz-QPSK-23060-1RB#0



Band12-10MHz-QPSK-23060-1RB#49



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



Band12-10MHz-QPSK-23130-1RB#0



Band12-10MHz-QPSK-23130-1RB#49



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



Band12-10MHz-16QAM-23060-1RB#0

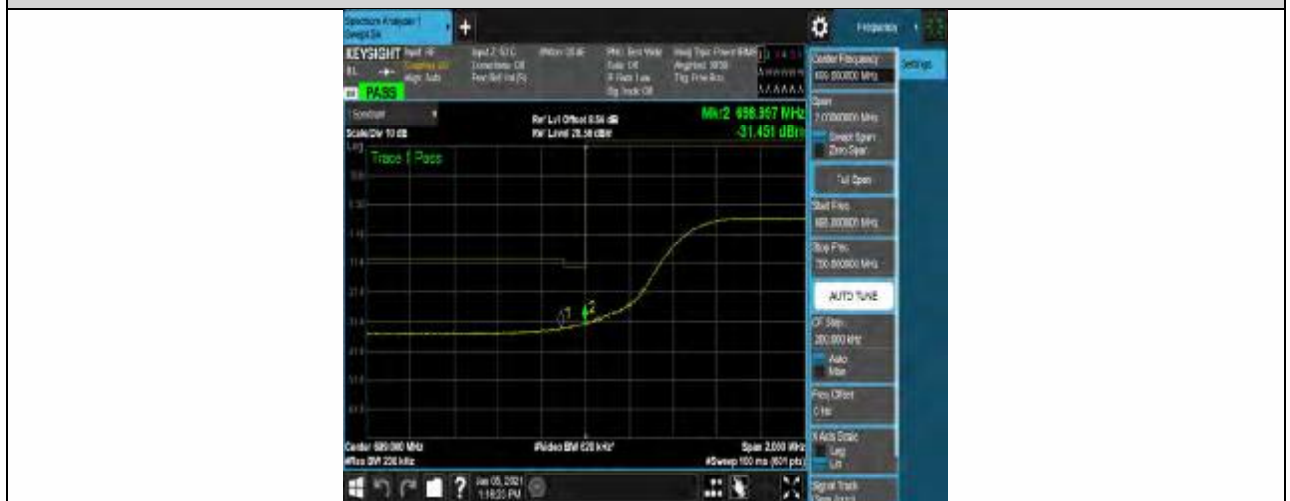




Band12-10MHz-16QAM-23060-1RB#49



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

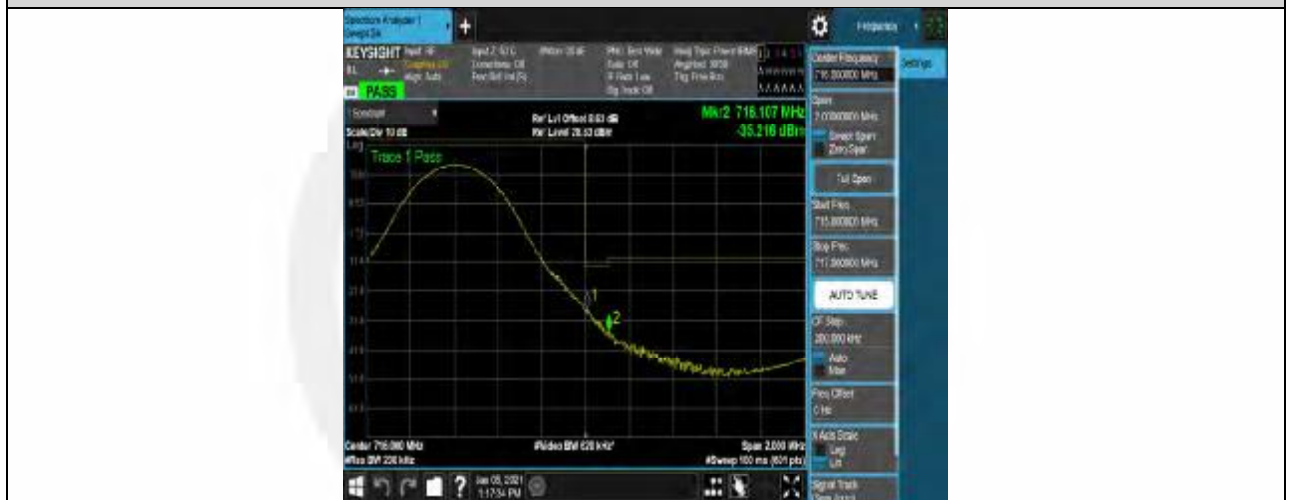


Band12-10MHz-16QAM-23130-1RB#0





Band12-10MHz-16QAM-23130-1RB#49



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



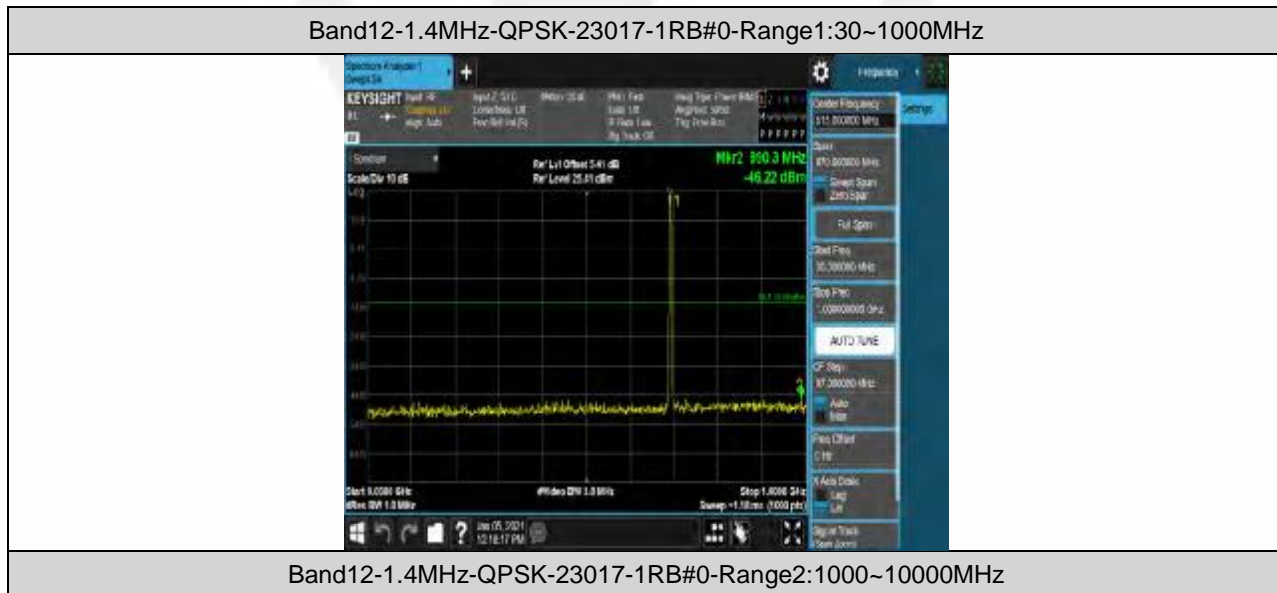
## Appendix E: Conducted Spurious Emission

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-46.22	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-28.83	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-45.98	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-29.95	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-45.24	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-33.69	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-46.07	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-32.63	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-45.33	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-36.52	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-45.94	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-30.01	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-45.57	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-34.46	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-45.37	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-26.92	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-45.61	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-34.02	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-45.77	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-33.09	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-45.36	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-38	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-45.25	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-34.05	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-45.4	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-35.43	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-45.27	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.2	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-45.98	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-32.91	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-45.85	PASS

Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-35.92	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-46.28	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-40.79	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-46.22	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-32.28	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-46.12	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-31.34	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-45.22	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-36.51	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-45.58	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-35.61	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-46.23	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-36.96	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-46.36	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-38.65	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-45.93	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-28.27	PASS

### Test Graphs





Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz





Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz



Band12-1.4MHz-16QAM-23017-1RB#0-Range1:30~1000MHz



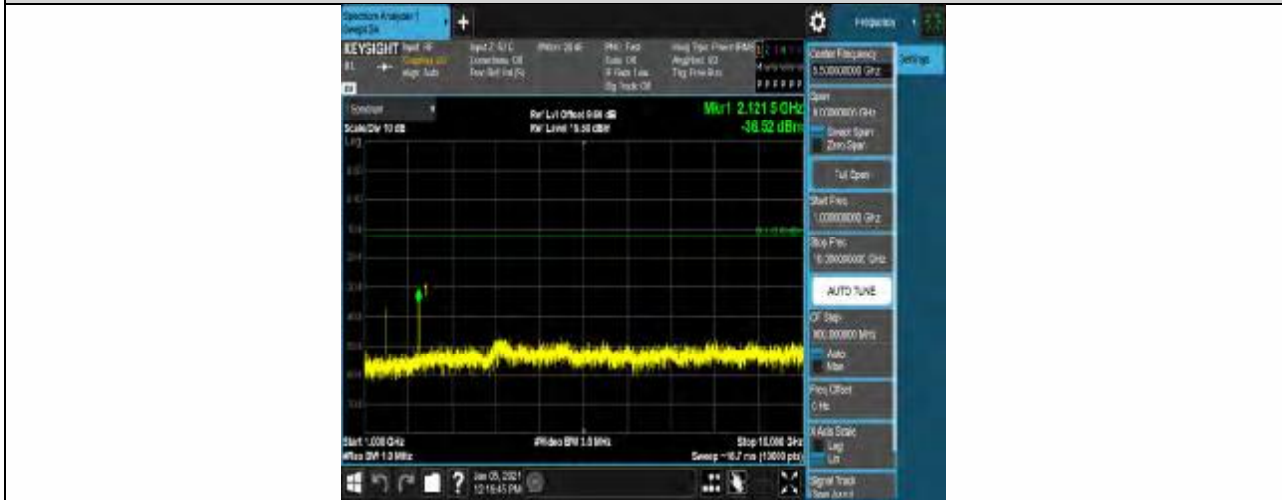
Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz



Band12-1.4MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-1.4MHz-16QAM-23173-1RB#0-Range1:30~1000MHz



Band12-1.4MHz-16QAM-23173-1RB#0-Range2:1000~10000MHz

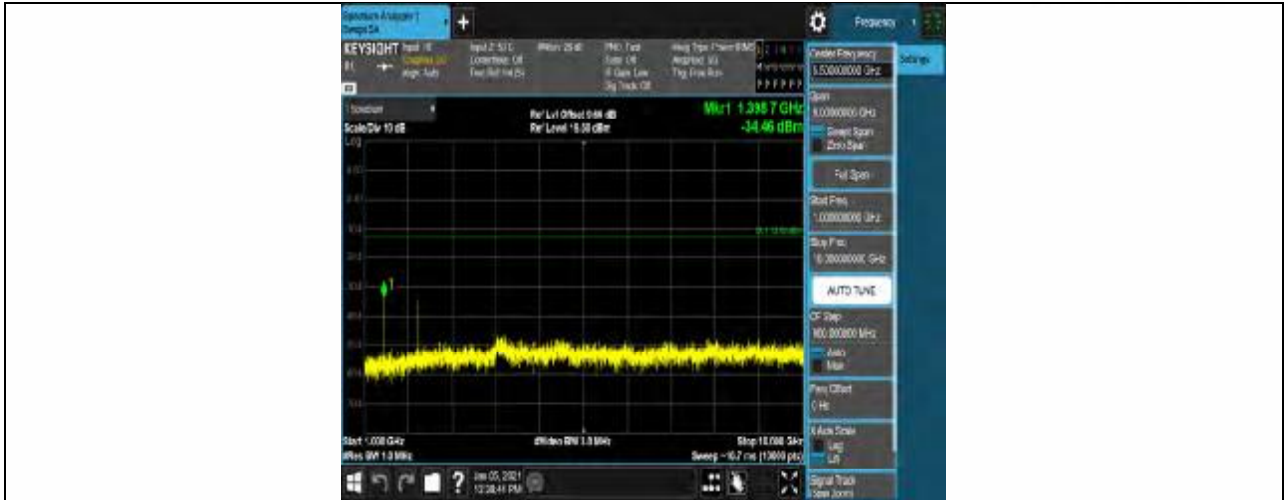


Band12-3MHz-QPSK-23025-1RB#0-Range1:30~1000MHz



Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz





Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz





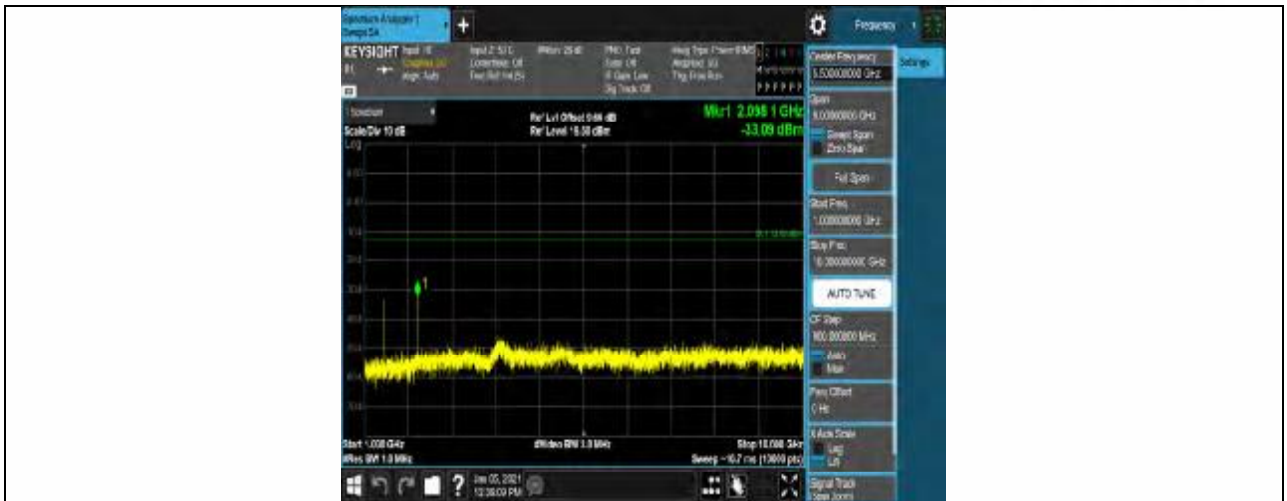
Band12-3MHz-QPSK-23165-1RB#0-Range2:1000~10000MHz



Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000MHz



Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~10000MHz



Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



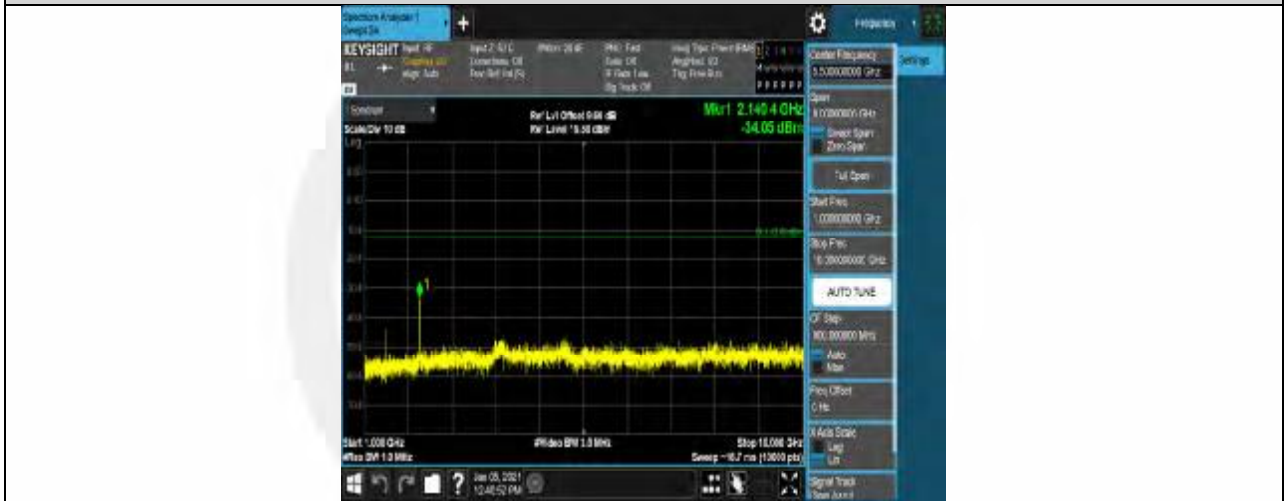
Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz



Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz



Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz



Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz





Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz





Band12-5MHz-QPSK-23155-1RB#0-Range2:1000~10000MHz



Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz



Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~10000MHz