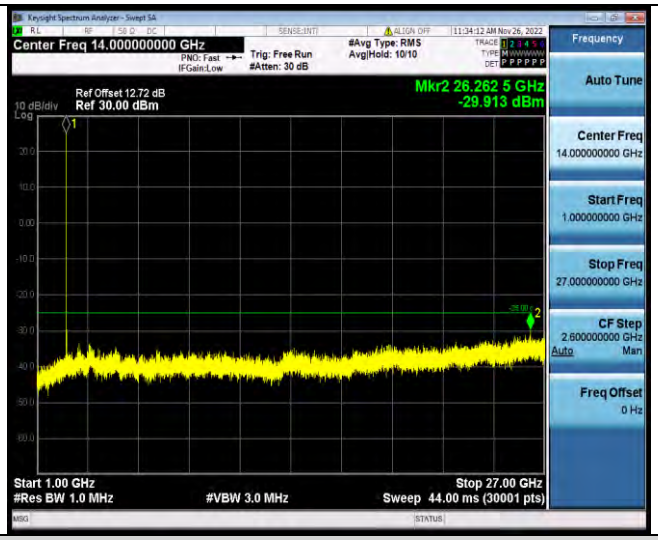
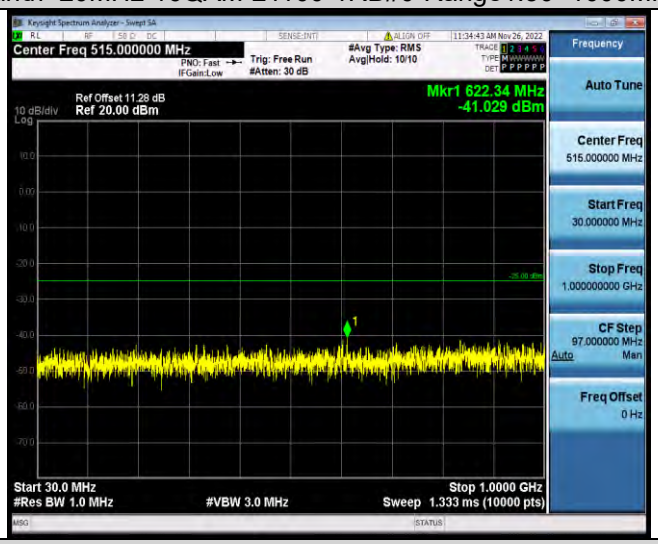
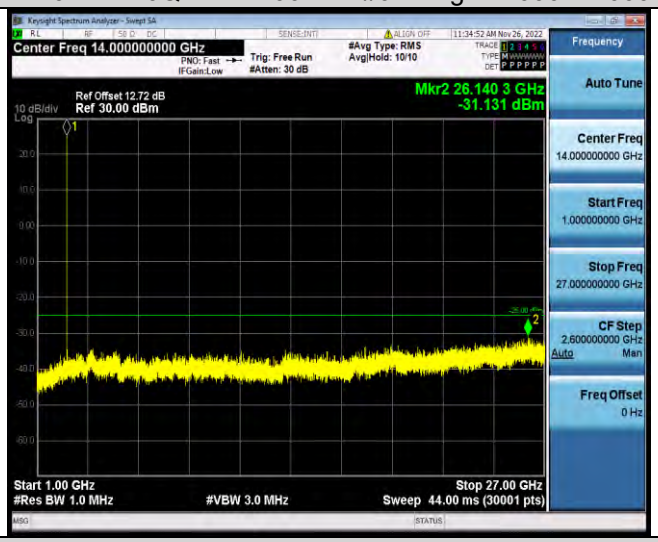


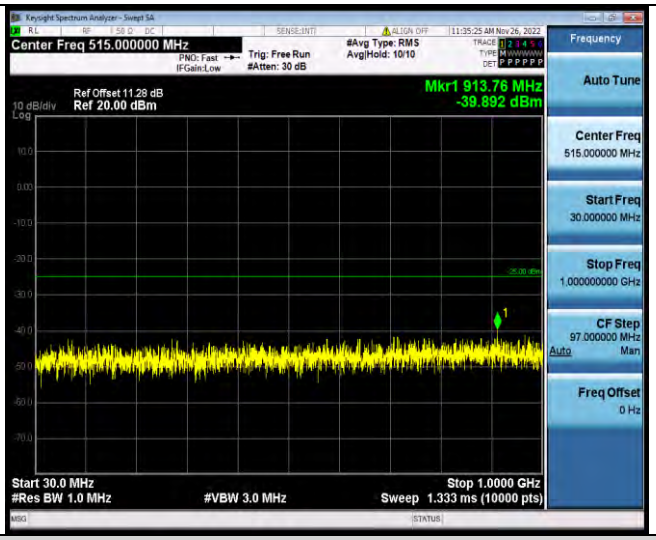
Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



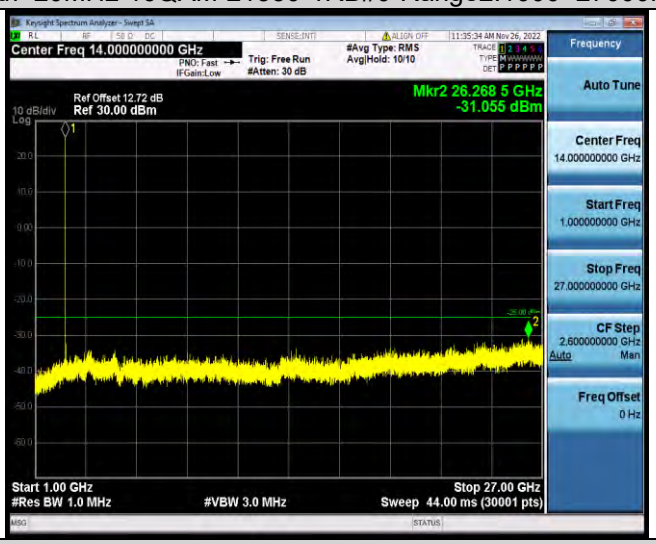
Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



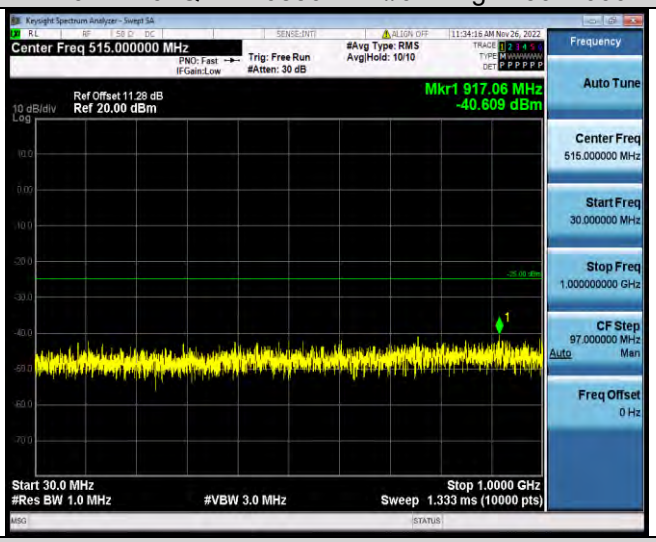
Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz



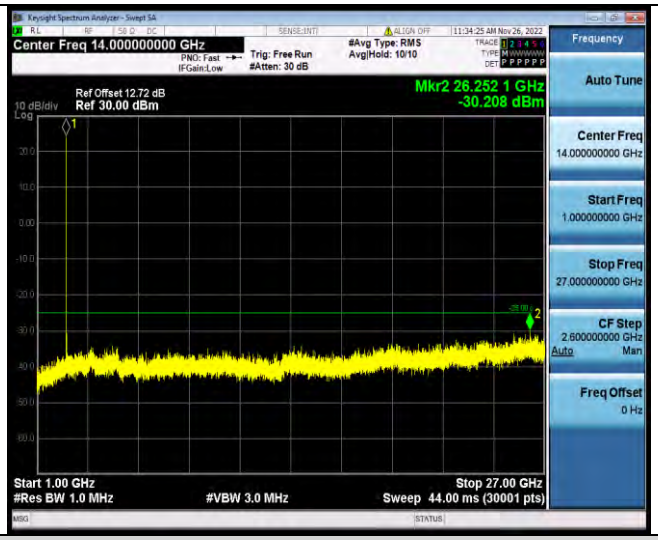
Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~27000MHz



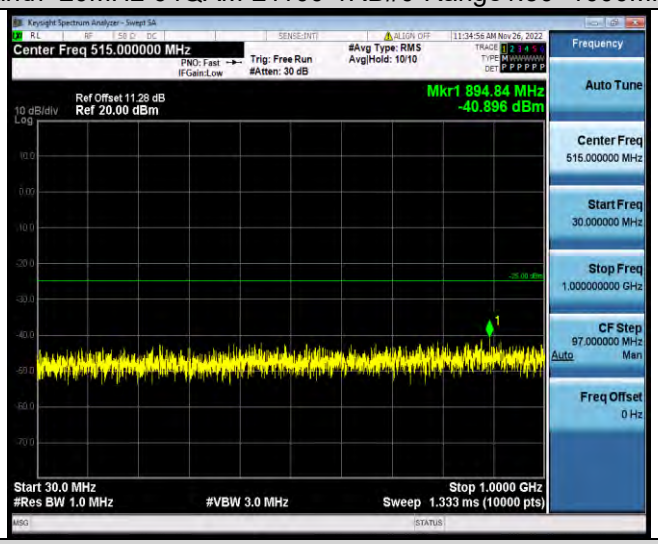
Band7-20MHz-64QAM-20850-1RB#0-Range1:30~1000MHz



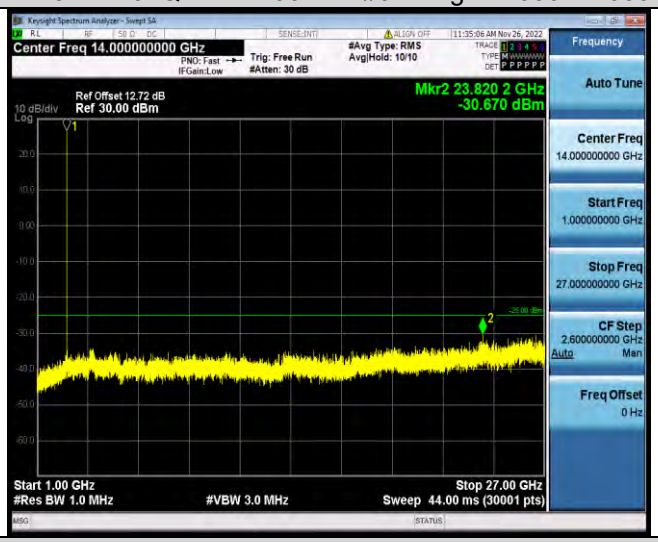
Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~27000MHz



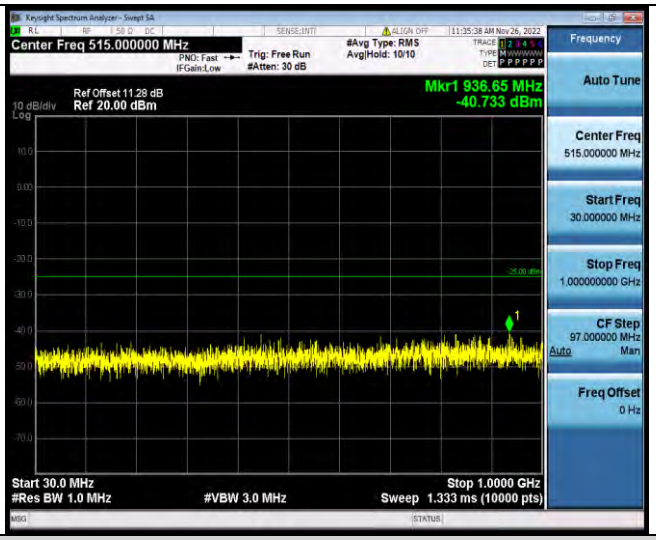
Band7-20MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



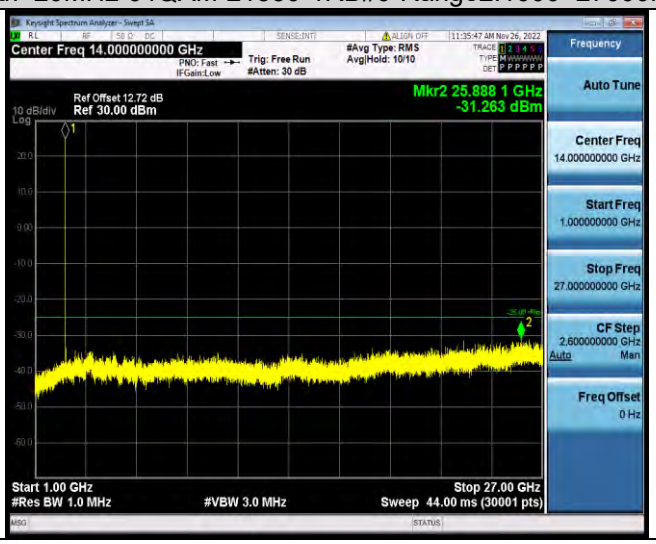
Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~27000MHz



Band7-20MHz-64QAM-21350-1RB#0-Range1:30~1000MHz



Band7-20MHz-64QAM-21350-1RB#0-Range2:1000~27000MHz



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	-4.59	-0.001834	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	7.20	0.002877	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	-3.66	-0.001463	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	-9.07	-0.003578	±2 .5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	-10.19	-0.004020	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	-11.72	-0.004623	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	-5.62	-0.002189	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	-4.06	-0.001581	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	3.65	0.001422	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	-3.88	-0.001550	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	4.81	0.001922	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	-6.62	-0.002645	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	-9.57	-0.003775	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	-7.74	-0.003053	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	-9.27	-0.003657	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	-6.37	-0.002481	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	193.59	0.075400	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	-5.81	-0.002263	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VL	NT	4.22	0.001686	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VN	NT	-5.15	-0.002058	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VH	NT	4.66	0.001862	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VL	NT	-8.11	-0.003199	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VN	NT	-7.21	-0.002844	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VH	NT	-15.76	-0.006217	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VL	NT	-4.48	-0.001745	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VN	NT	-3.09	-0.001204	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VH	NT	4.53	0.001764	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	-6.19	-0.002471	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	-9.78	-0.003904	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	-5.44	-0.002172	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	-8.73	-0.003444	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	-6.09	-0.002402	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	-8.74	-0.003448	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	-8.91	-0.003474	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	-6.41	-0.002499	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-9.00	-0.003509	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	-7.04	-0.002810	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	-9.34	-0.003729	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	-13.30	-0.005309	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	-7.55	-0.002978	±2.5	PASS

Band7	10MHz	16QAM	21100	50RB#0	VN	NT	-9.68	-0.003819	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	-8.37	-0.003302	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	-190.19	-0.074148	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VN	NT	187.54	0.073115	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VH	NT	-5.88	-0.002292	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VL	NT	-5.55	-0.002216	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VN	NT	-7.54	-0.003010	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VH	NT	-7.35	-0.002934	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VL	NT	-116.97	-0.046142	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VN	NT	-7.42	-0.002927	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VH	NT	-10.03	-0.003957	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VL	NT	-8.88	-0.003462	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VN	NT	-8.80	-0.003431	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VH	NT	-9.58	-0.003735	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	2.19	0.000873	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	-4.29	-0.001711	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	3.48	0.001388	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	-9.67	-0.003815	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	-7.22	-0.002848	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	-8.98	-0.003542	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	5.29	0.002064	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	4.91	0.001916	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	3.89	0.001518	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	5.72	0.002281	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VN	NT	3.39	0.001352	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	-5.72	-0.002281	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	-4.35	-0.001716	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	-10.21	-0.004028	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	-8.10	-0.003195	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	6.58	0.002568	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	5.55	0.002166	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VH	NT	3.62	0.001413	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VL	NT	3.99	0.001591	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VN	NT	-3.75	-0.001496	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VH	NT	4.32	0.001723	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VL	NT	-6.94	-0.002738	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VN	NT	-3.96	-0.001562	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VH	NT	-5.08	-0.002004	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VL	NT	4.45	0.001737	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VN	NT	5.32	0.002076	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VH	NT	4.55	0.001776	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	3.45	0.001375	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	4.56	0.001817	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	5.65	0.002251	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-6.71	-0.002647	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-5.98	-0.002359	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-7.95	-0.003136	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	17.37	0.006785	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	3.85	0.001504	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	8.11	0.003168	±2.5	PASS

Band7	20MHz	16QAM	20850	100RB#0	VL	NT	5.36	0.002135	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	6.77	0.002697	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	6.90	0.002749	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	-8.25	-0.003254	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-6.57	-0.002592	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	-7.44	-0.002935	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	-189.73	-0.074113	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	7.34	0.002867	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	3.29	0.001285	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	4.94	0.001968	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	4.99	0.001988	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	5.54	0.002207	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	-7.42	-0.002927	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	-7.82	-0.003085	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	-6.77	-0.002671	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	2.68	0.001047	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	4.28	0.001672	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	3.59	0.001402	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	4.53	0.001810	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	3.98	0.001590	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	-4.43	-0.001770	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	3.45	0.001379	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	-3.86	-0.001542	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	-10.36	-0.004087	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	-10.59	-0.004178	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-9.67	-0.003815	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-11.90	-0.004694	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-8.63	-0.003404	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	-4.56	-0.001776	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	5.14	0.002002	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	3.85	0.001500	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	4.21	0.001640	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	-7.52	-0.002929	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	-5.09	-0.002034	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	5.51	0.002202	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	3.72	0.001487	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	33.82	0.013514	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	3.23	0.001291	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	-9.40	-0.003708	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	-8.70	-0.003432	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	-6.67	-0.002631	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	-9.53	-0.003759	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-7.65	-0.003018	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	-3.96	-0.001542	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	-4.98	-0.001940	±2.5	PASS

Band7	5MHz	16QAM	21425	25RB#0	NV	0	-6.91	-0.002691	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	6.42	0.002500	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	2.88	0.001122	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	-30	3.85	0.001538	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	-20	-6.62	-0.002645	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	0	-3.68	-0.001471	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	10	3.56	0.001423	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	20	4.88	0.001950	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	-30	-10.19	-0.004020	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	-20	-7.04	-0.002777	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	0	-8.03	-0.003168	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	10	-11.17	-0.004406	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	20	-10.56	-0.004166	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	-30	-5.64	-0.002197	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	-20	-4.11	-0.001601	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	0	-5.56	-0.002166	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	10	-5.12	-0.001994	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	20	4.78	0.001862	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-10.40	-0.004152	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-6.51	-0.002599	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-7.30	-0.002914	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-8.18	-0.003265	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-14.02	-0.005597	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-9.24	-0.003645	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-5.39	-0.002126	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-8.74	-0.003448	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-10.11	-0.003988	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	-9.51	-0.003751	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-5.72	-0.002230	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-20.23	-0.007887	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-5.87	-0.002288	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-8.27	-0.003224	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-7.47	-0.002912	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-30	-7.80	-0.003114	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-20	-8.14	-0.003250	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	211.76	0.084535	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	-6.71	-0.002679	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	-4.73	-0.001888	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-30	-7.05	-0.002781	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-20	-6.32	-0.002493	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	0	-25.52	-0.010067	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	-10.10	-0.003984	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	-8.67	-0.003420	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	-7.37	-0.002873	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	-7.08	-0.002760	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	-5.28	-0.002058	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	-9.07	-0.003536	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	-8.63	-0.003365	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	-30	-8.51	-0.003397	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	-20	-6.95	-0.002774	±2.5	PASS

Band7	10MHz	64QAM	20800	50RB#0	NV	0	-6.19	-0.002471	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	10	-8.91	-0.003557	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	20	-4.69	-0.001872	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	-30	-9.40	-0.003708	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	-20	-7.65	-0.003018	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	0	-4.53	-0.001787	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	10	-8.97	-0.003538	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	20	-6.98	-0.002753	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	-30	-7.87	-0.003068	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	-20	-12.66	-0.004936	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	0	21.03	0.008199	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	10	-11.97	-0.004667	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	20	-5.69	-0.002218	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	-4.03	-0.001607	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	2.83	0.001129	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	5.72	0.002281	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	-4.42	-0.001763	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	3.19	0.001272	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	-7.62	-0.003006	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	-5.15	-0.002032	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-6.29	-0.002481	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-6.27	-0.002473	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	-7.18	-0.002832	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	6.08	0.002373	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	3.98	0.001553	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	16.31	0.006365	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	4.61	0.001799	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	7.47	0.002915	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-30	5.66	0.002257	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-20	-4.38	-0.001747	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	4.39	0.001751	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	5.01	0.001998	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	-3.45	-0.001376	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-30	-8.58	-0.003385	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-20	-6.74	-0.002659	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	-4.33	-0.001708	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	20.51	0.008091	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	-7.52	-0.002966	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-30	8.37	0.003266	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-20	6.15	0.002400	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	5.11	0.001994	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	5.98	0.002334	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	20	5.91	0.002306	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	-30	4.84	0.001930	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	-20	5.42	0.002162	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	0	-4.68	-0.001866	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	10	-5.12	-0.002042	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	20	8.10	0.003230	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	-30	-6.08	-0.002398	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	-20	-8.83	-0.003483	±2.5	PASS

Band7	15MHz	64QAM	21100	75RB#0	NV	0	-10.00	-0.003945	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	10	-5.05	-0.001992	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	20	-4.26	-0.001680	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	-30	-4.72	-0.001842	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	-20	4.45	0.001737	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	0	6.95	0.002712	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	10	6.85	0.002673	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	20	5.61	0.002189	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	6.08	0.002422	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	5.38	0.002143	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	4.99	0.001988	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	7.08	0.002821	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	-12.16	-0.004845	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-4.56	-0.001799	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-5.19	-0.002047	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	-6.17	-0.002434	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-14.42	-0.005688	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-6.38	-0.002517	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	5.41	0.002113	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	3.68	0.001438	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	-4.85	-0.001895	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	4.02	0.001570	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	-2.52	-0.000984	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	6.07	0.002418	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	5.38	0.002143	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	7.18	0.002861	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	3.32	0.001323	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	6.85	0.002729	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-5.36	-0.002114	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-7.90	-0.003116	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-8.20	-0.003235	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	-6.19	-0.002442	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-8.64	-0.003408	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	4.15	0.001621	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	-7.45	-0.002910	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	-7.22	-0.002820	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	-3.98	-0.001555	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	5.11	0.001996	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	7.45	0.002968	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	4.58	0.001825	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	5.25	0.002092	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	4.91	0.001956	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	3.68	0.001466	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	-7.48	-0.002951	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	-4.29	-0.001692	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	-7.10	-0.002801	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	-6.04	-0.002383	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	-8.05	-0.003176	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	4.49	0.001754	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	4.29	0.001676	±2.5	PASS

Band7	20MHz	64QAM	21350	100RB#0	NV	0	-5.36	-0.002094	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	5.38	0.002102	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	3.69	0.001441	±2.5	PASS

LTE BAND12 (INDCLUDING LTE BAND17)

PEAK-TO-AVERAGE RATIO(CCDF)

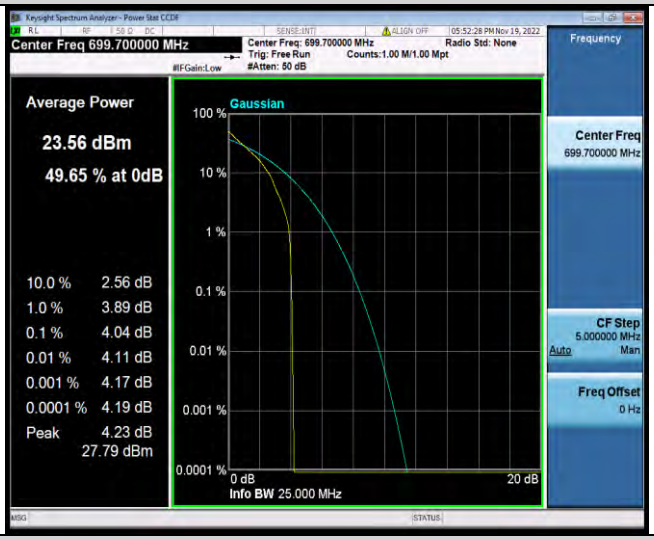
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.04	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	4.80	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.25	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.99	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.63	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	4.31	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.04	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.70	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.12	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.83	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	4.47	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	5.26	13	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	5.78	13	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	6.42	13	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	6.11	13	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	6.55	13	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	5.51	13	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	6.03	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.02	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	4.84	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.36	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.04	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.72	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	4.45	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	4.79	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.70	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.13	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.92	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	4.63	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	5.35	13	PASS
Band12	3MHz	64QAM	23025	1RB#0	5.90	13	PASS
Band12	3MHz	64QAM	23025	15RB#0	6.52	13	PASS
Band12	3MHz	64QAM	23095	1RB#0	6.12	13	PASS
Band12	3MHz	64QAM	23095	15RB#0	6.50	13	PASS
Band12	3MHz	64QAM	23165	1RB#0	5.36	13	PASS
Band12	3MHz	64QAM	23165	15RB#0	6.05	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.01	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.76	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.19	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.98	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	3.91	13	PASS

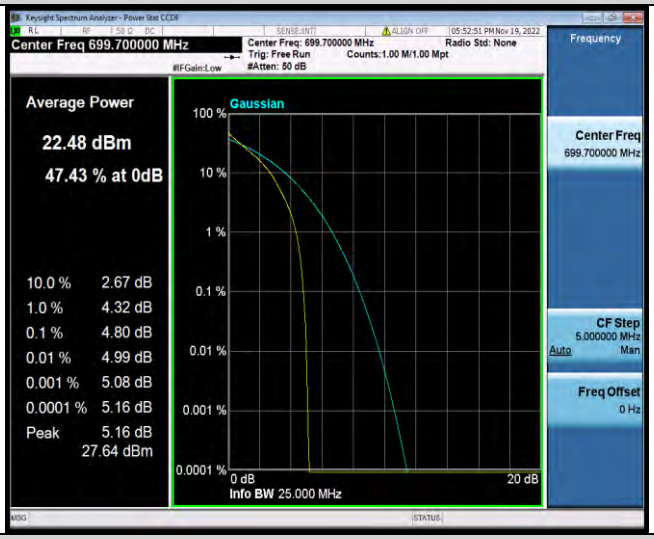
Band12	5MHz	QPSK	23155	25RB#0	4.52	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	4.63	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.63	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	4.96	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.86	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	4.82	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.38	13	PASS
Band12	5MHz	64QAM	23035	1RB#0	5.83	13	PASS
Band12	5MHz	64QAM	23035	25RB#0	6.36	13	PASS
Band12	5MHz	64QAM	23095	1RB#0	6.02	13	PASS
Band12	5MHz	64QAM	23095	25RB#0	6.49	13	PASS
Band12	5MHz	64QAM	23155	1RB#0	5.57	13	PASS
Band12	5MHz	64QAM	23155	25RB#0	6.08	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	3.72	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	4.80	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	3.78	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.84	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.04	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	4.82	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	4.49	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.70	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	4.75	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.76	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	4.82	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.71	13	PASS
Band12	10MHz	64QAM	23060	1RB#0	5.68	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.30	13	PASS
Band12	10MHz	64QAM	23095	1RB#0	5.62	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.39	13	PASS
Band12	10MHz	64QAM	23130	1RB#0	5.76	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.28	13	PASS

Test Graphs

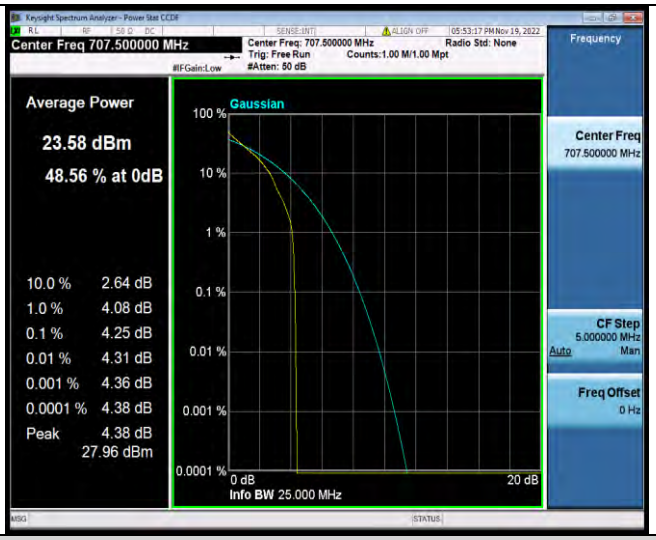
Band12-1.4MHz-QPSK-23017-1RB#0



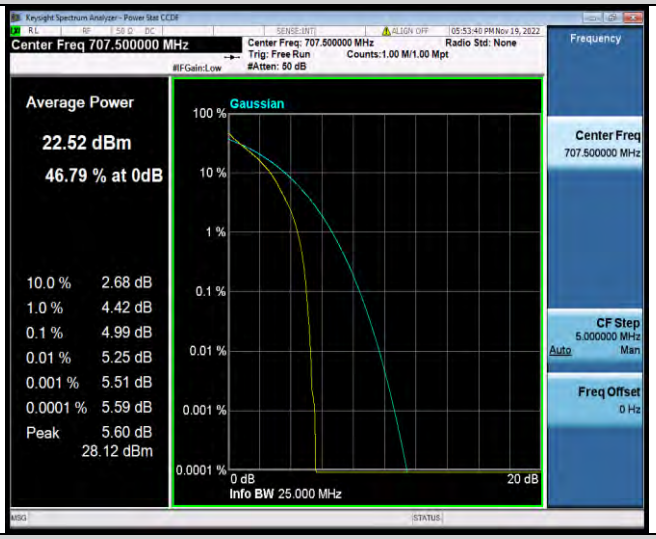
Band12-1.4MHz-QPSK-23017-6RB#0



Band12-1.4MHz-QPSK-23095-1RB#0



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



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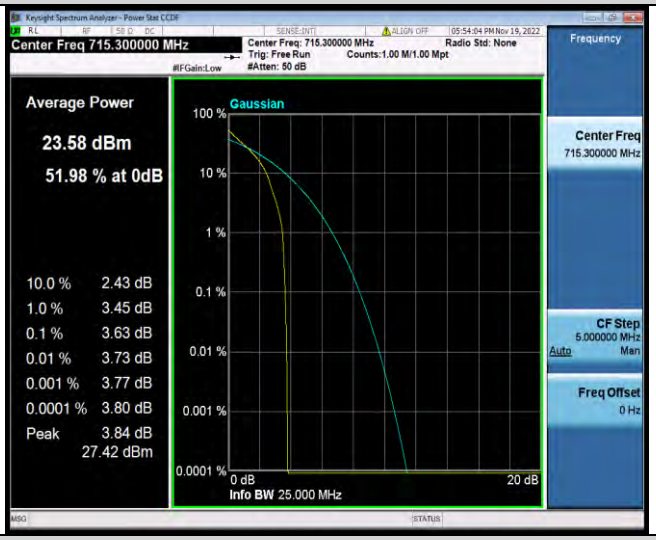

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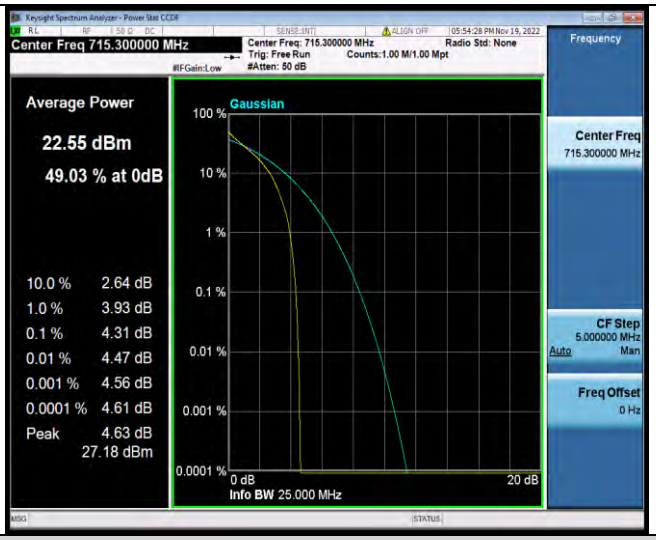

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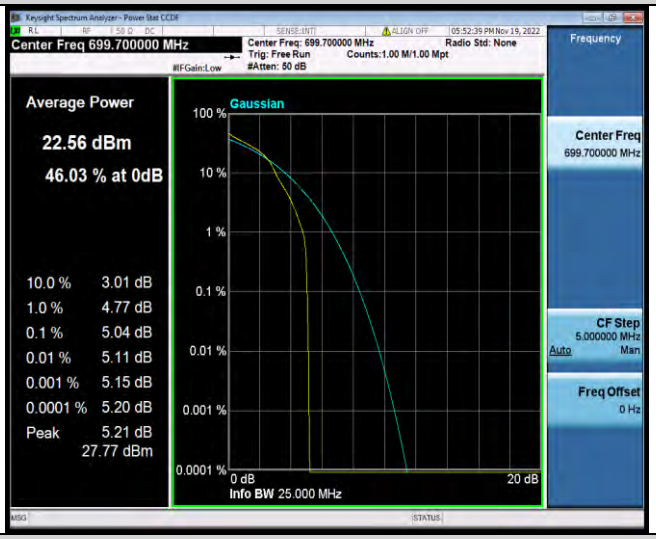

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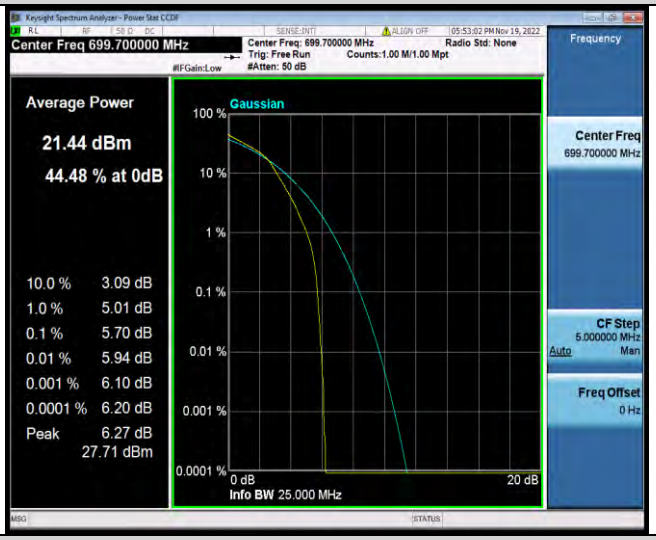

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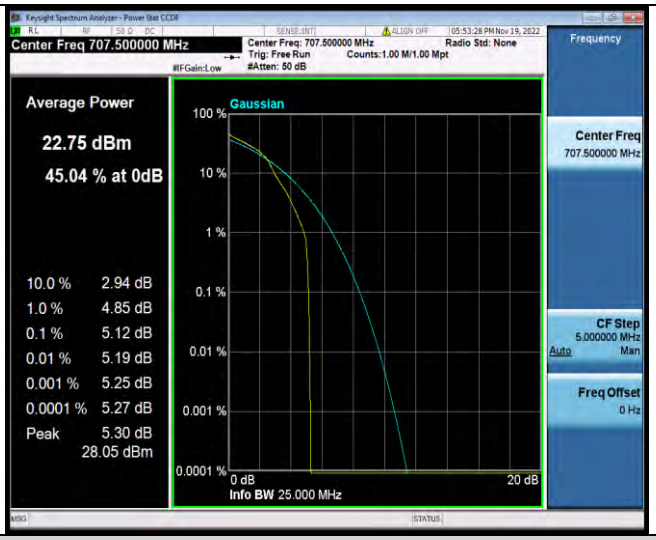

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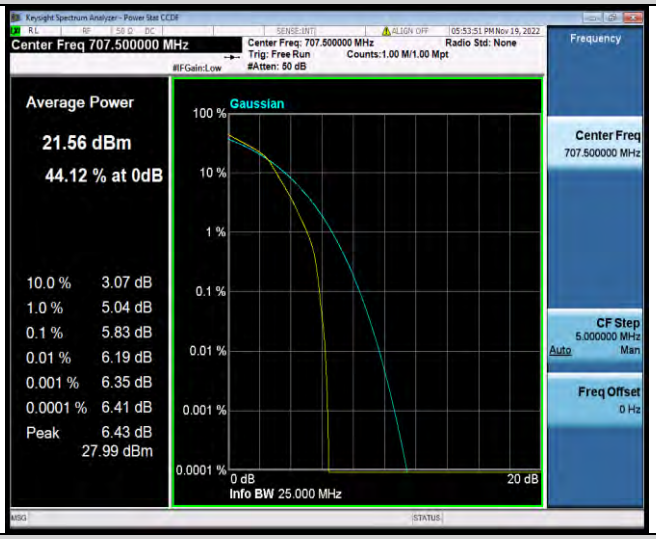

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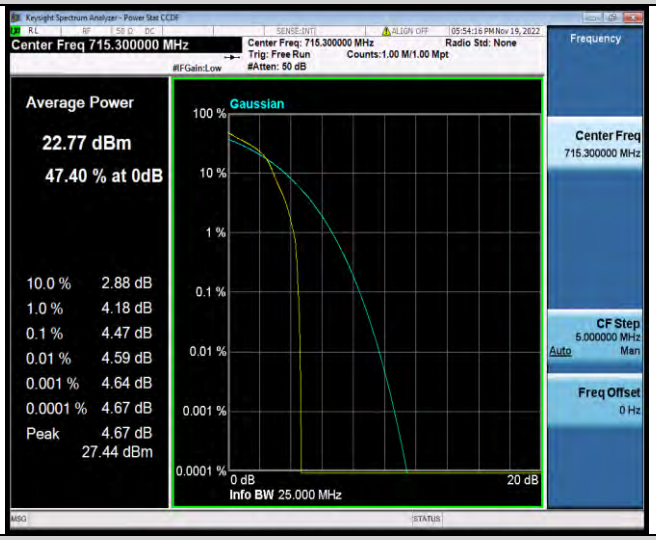

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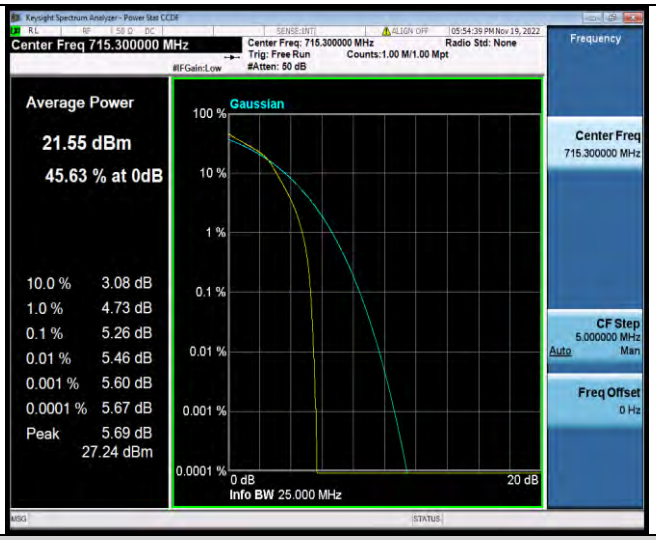

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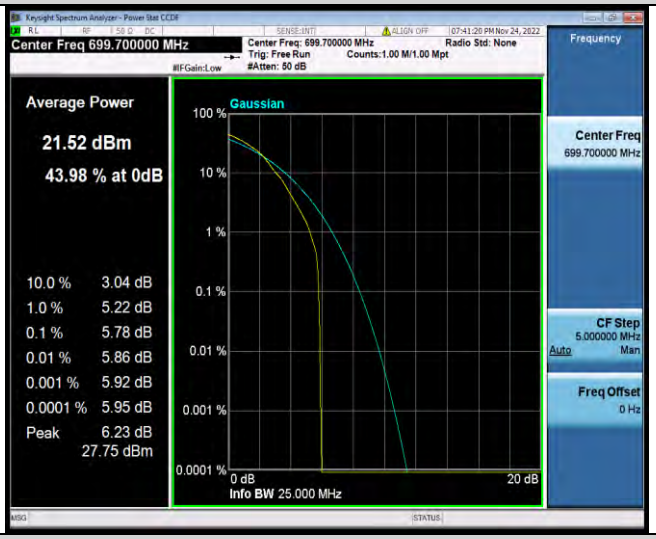

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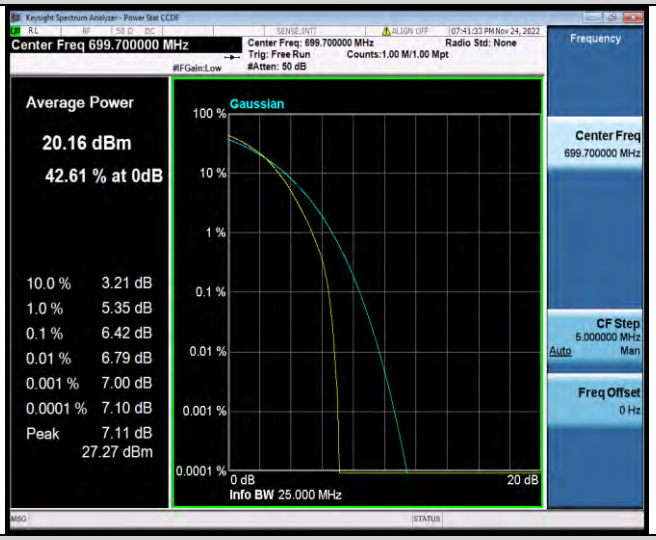

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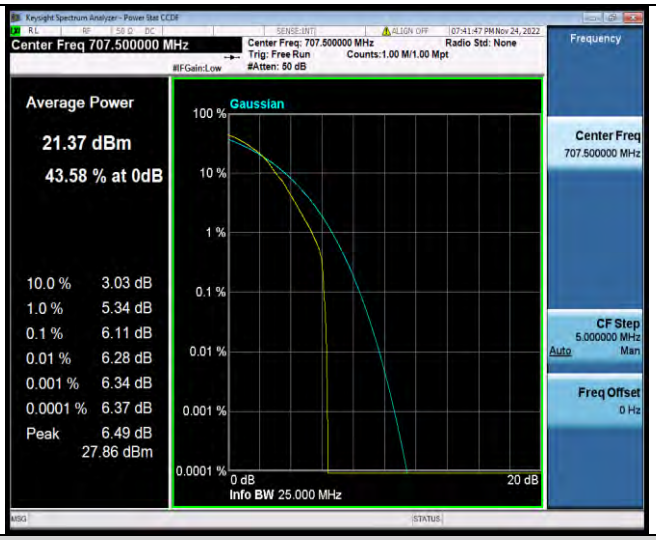

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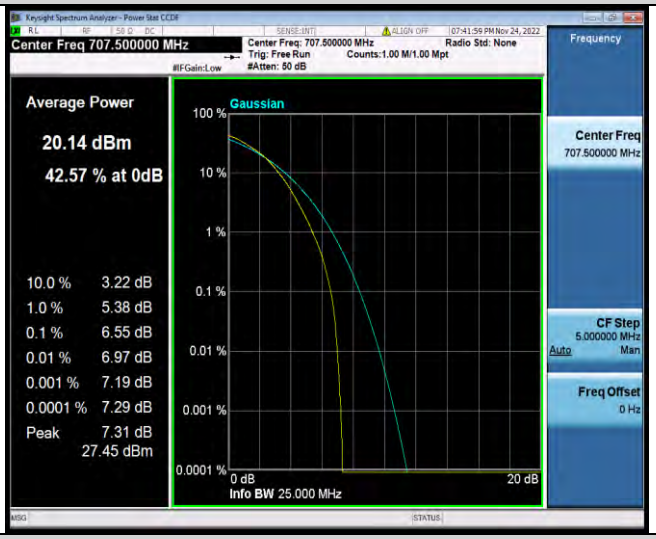

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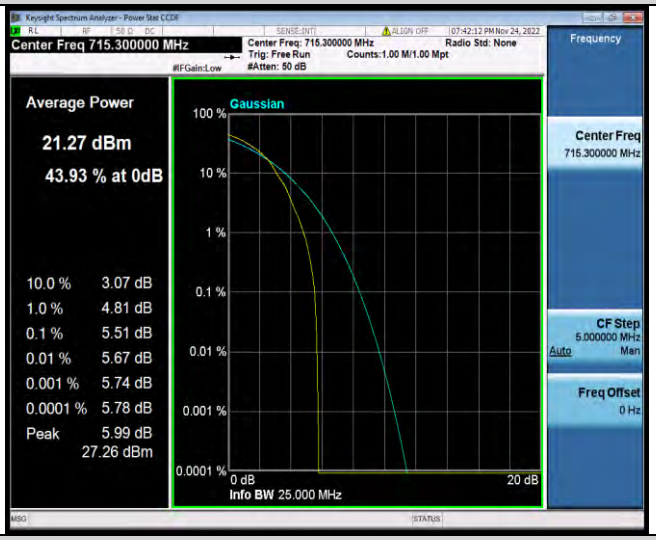

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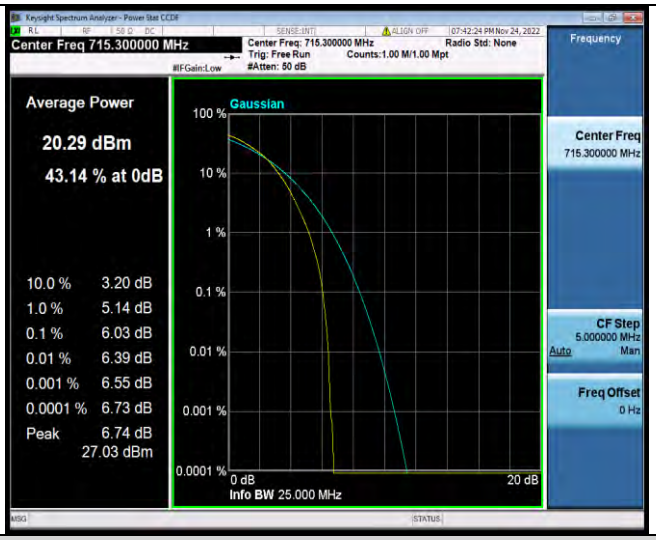

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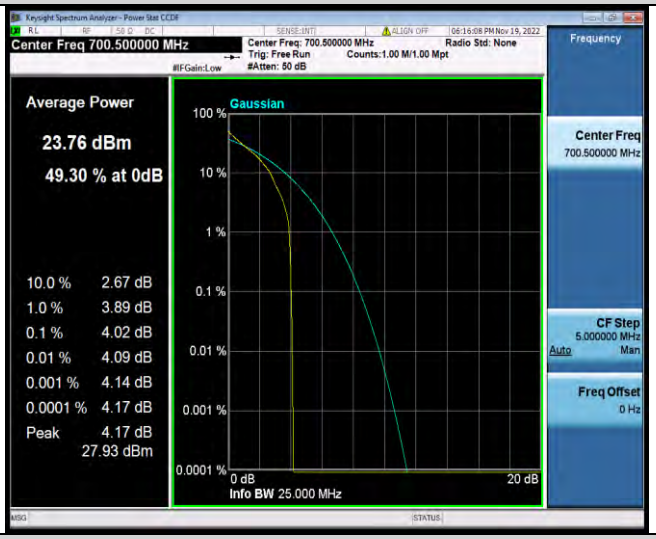

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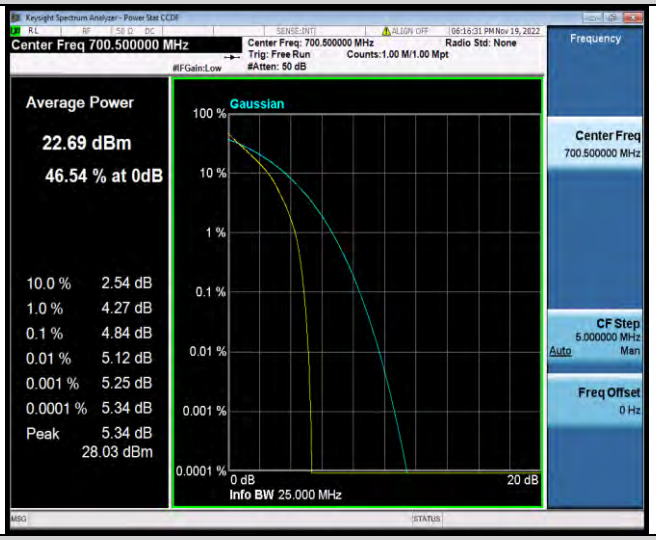

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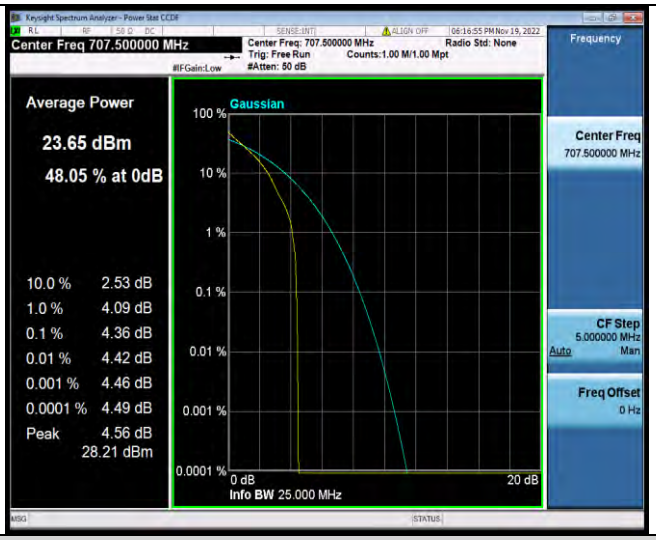

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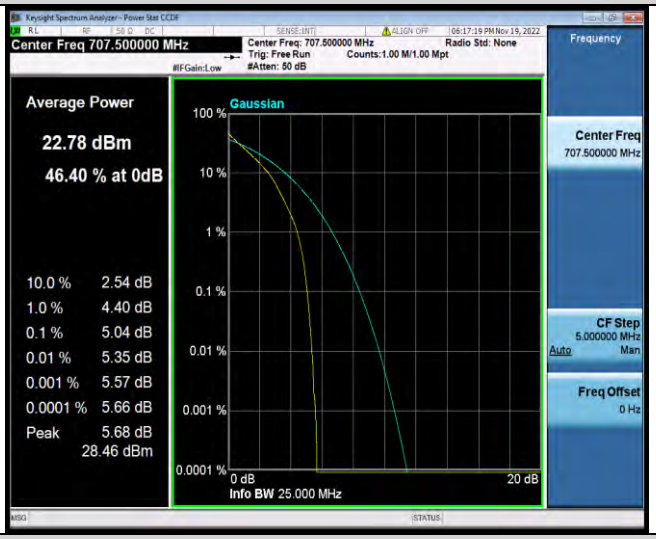

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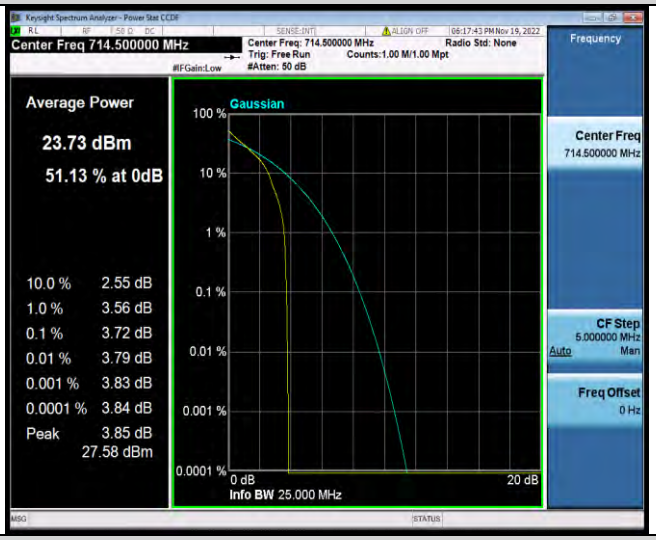

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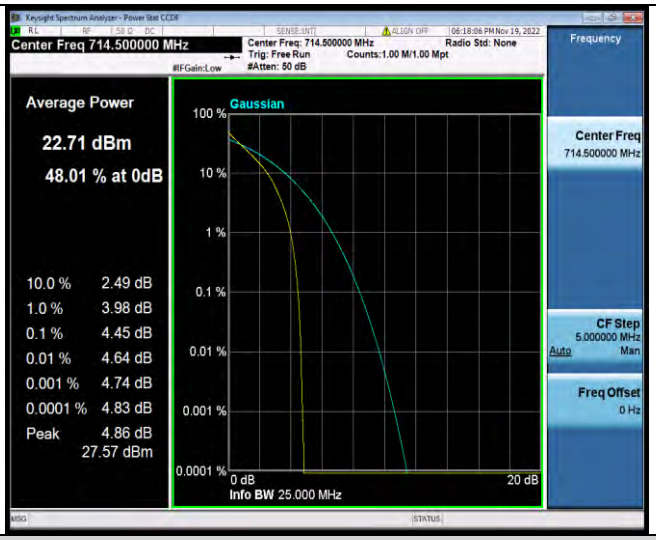

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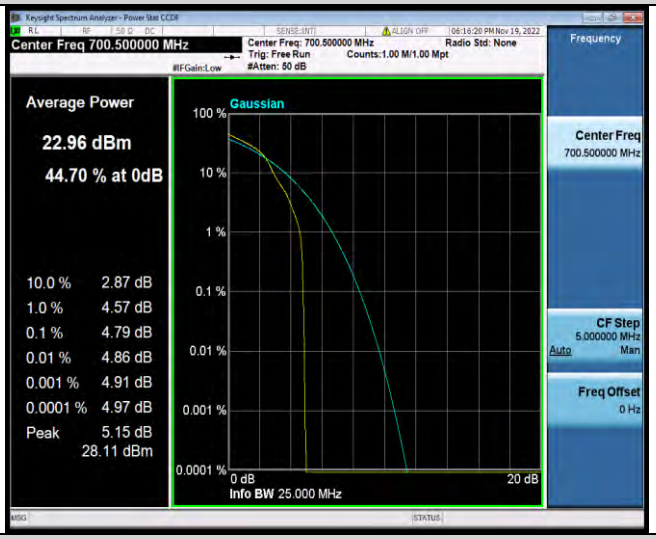

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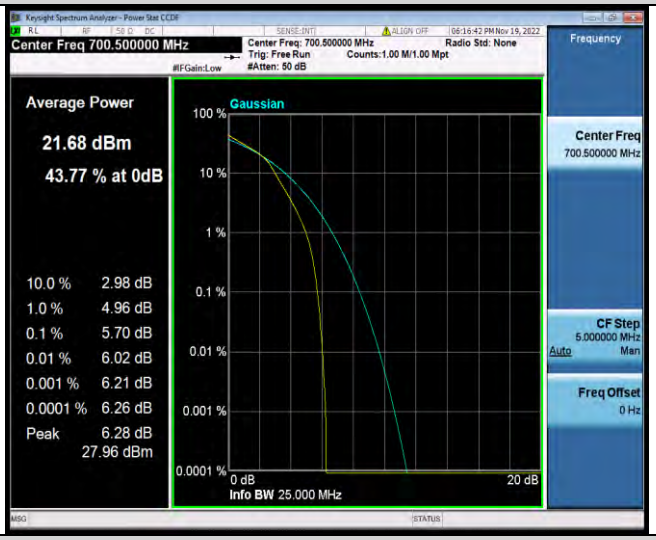

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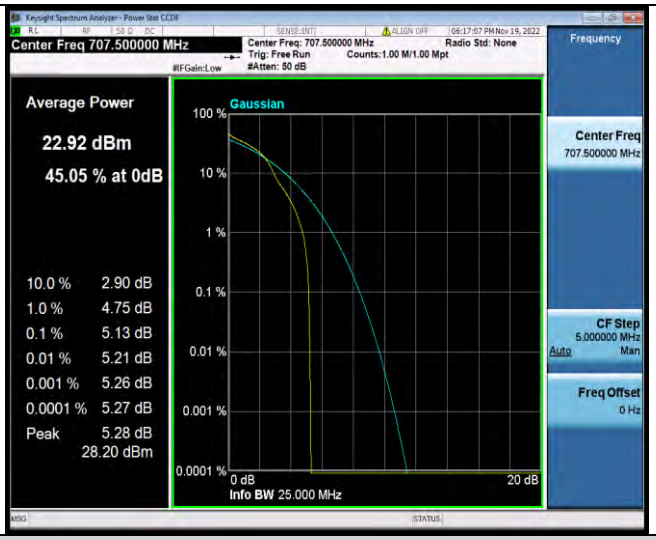

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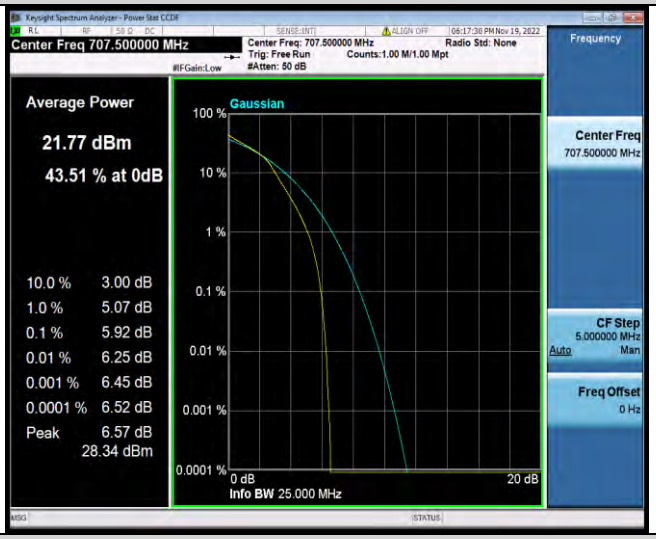

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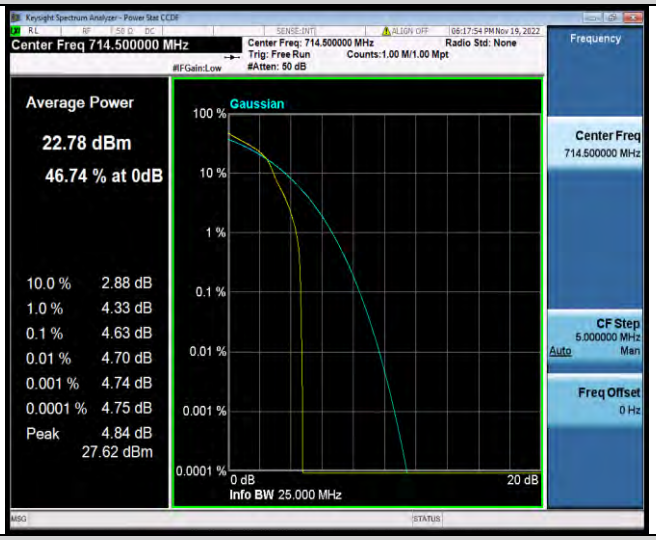

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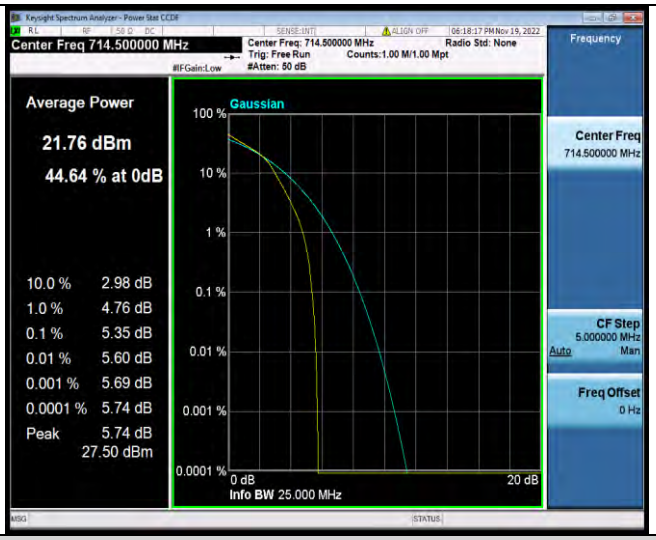

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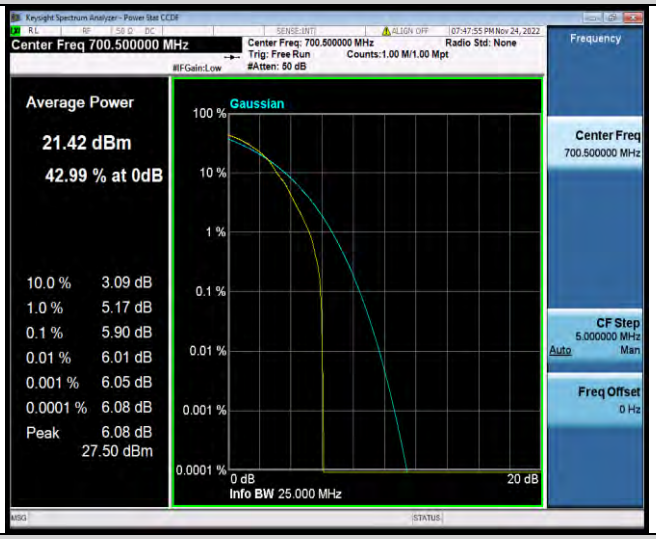

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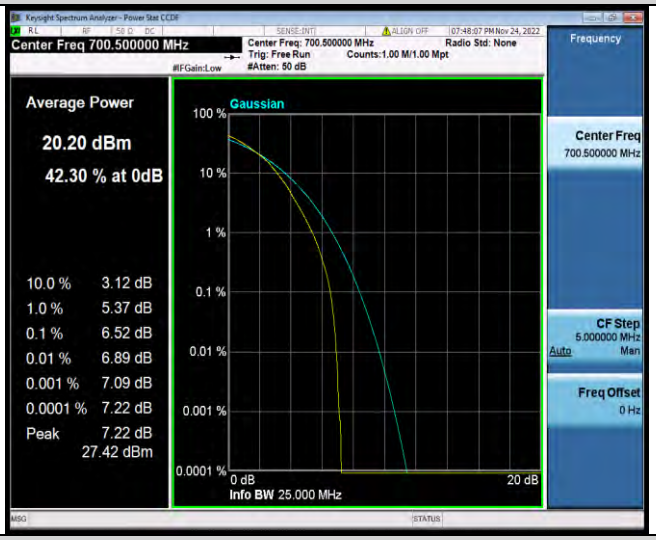

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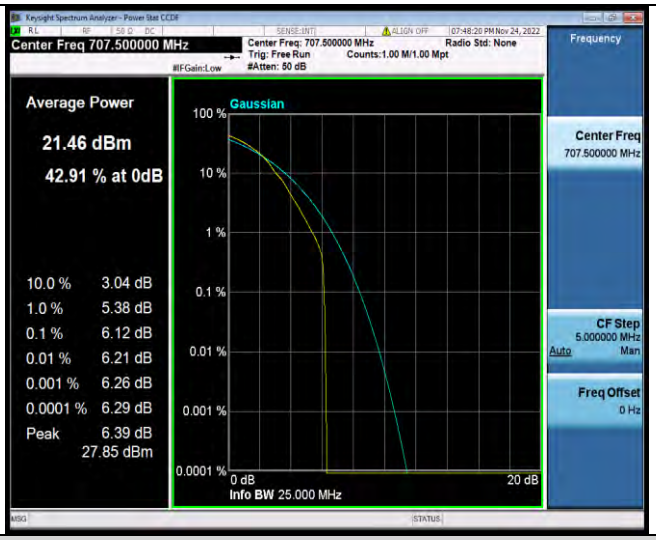

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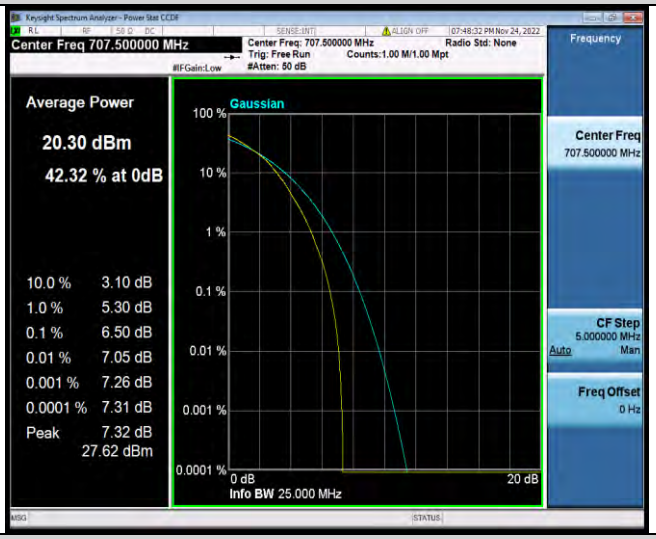

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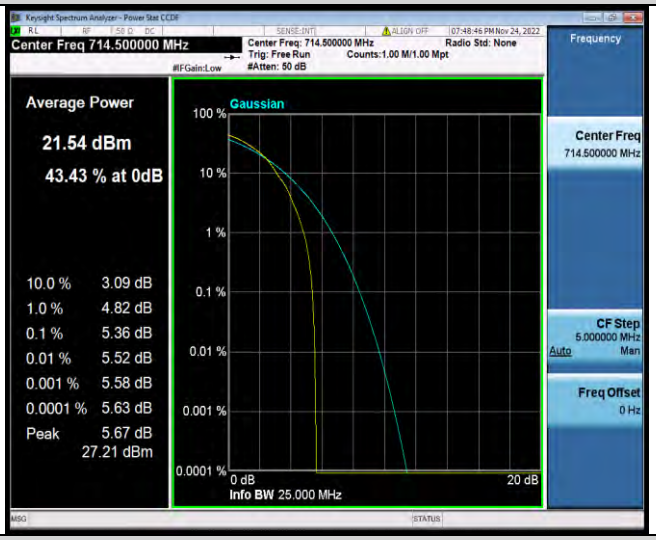

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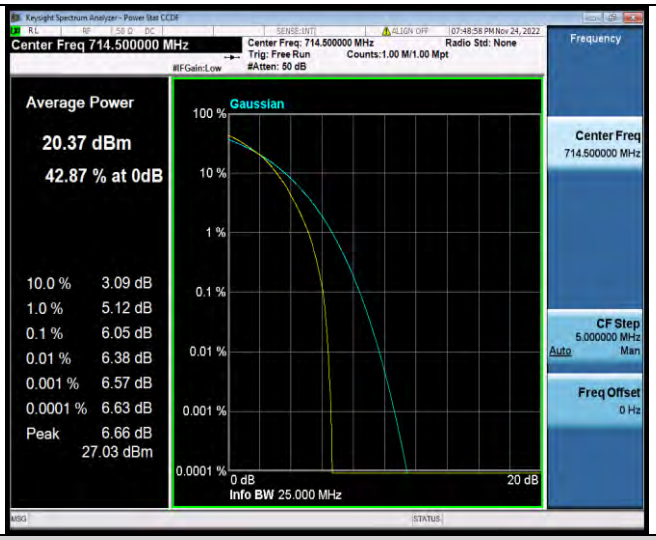

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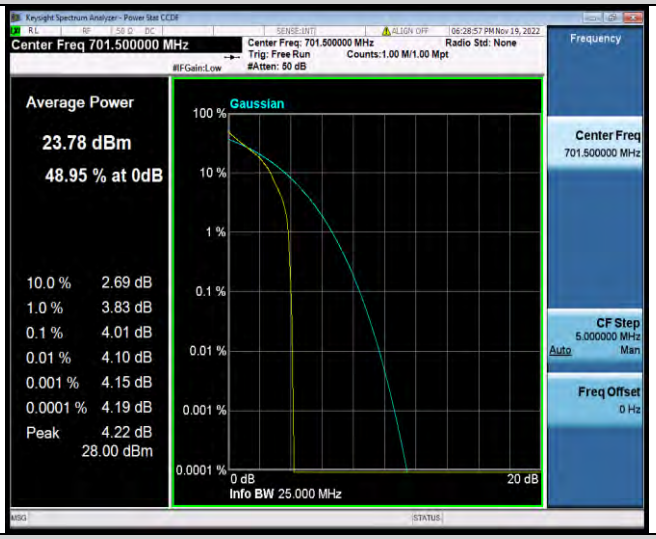

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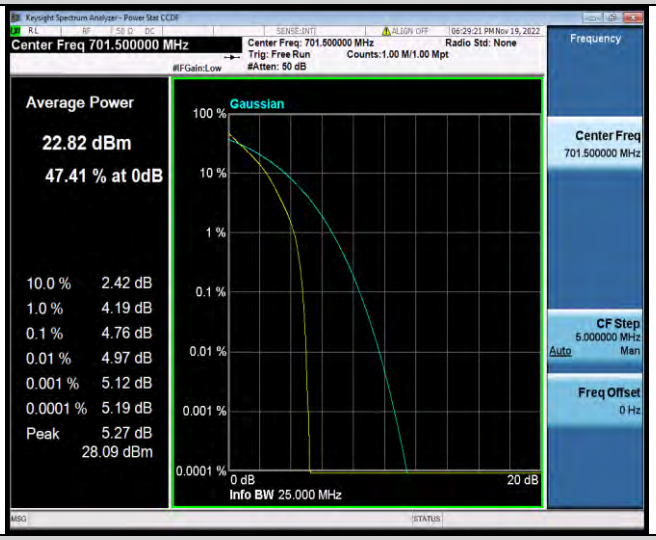

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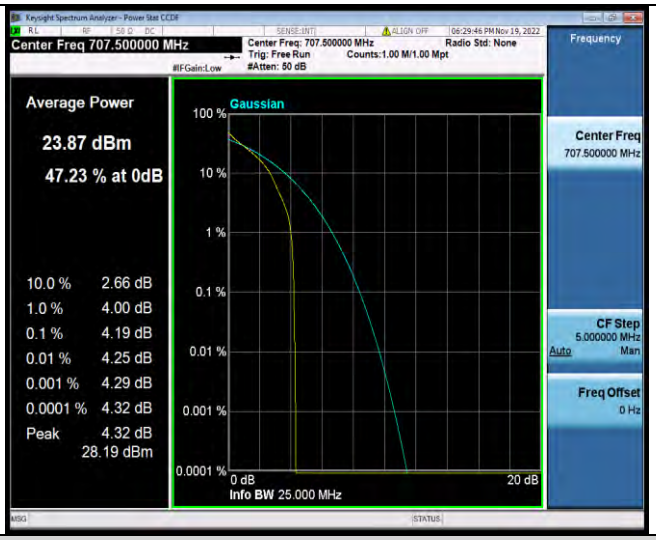

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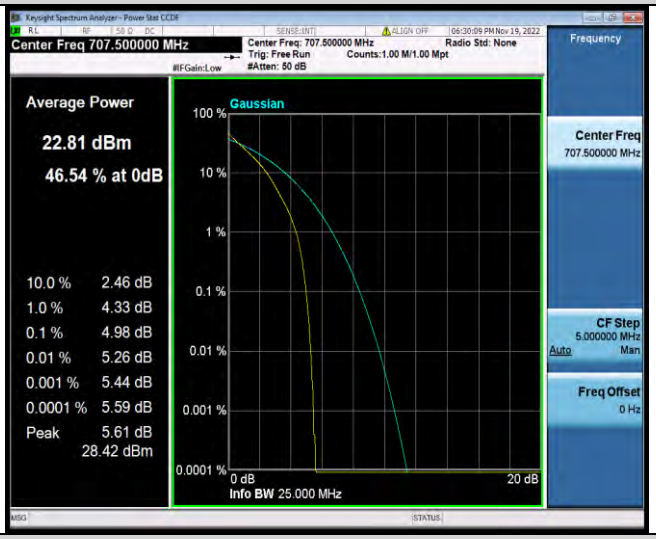

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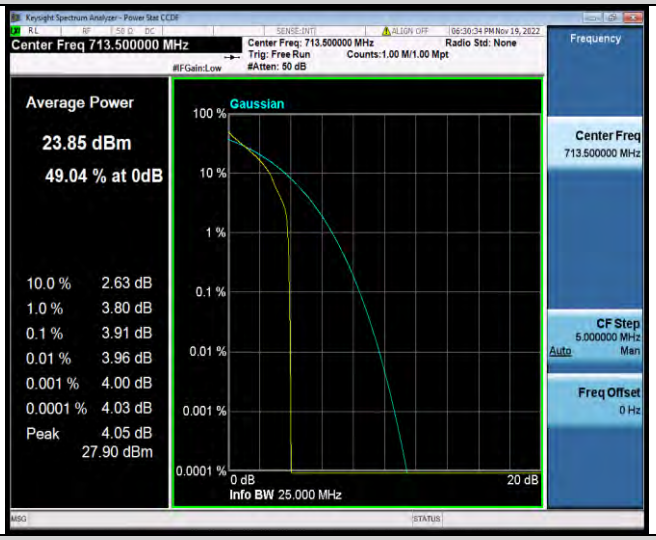

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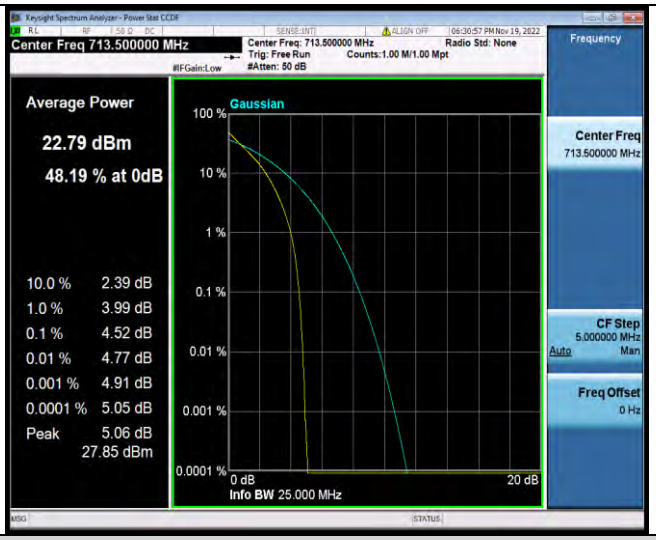

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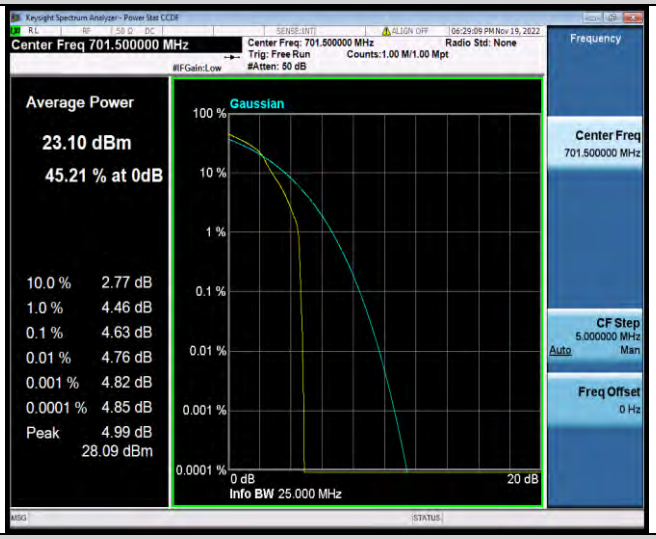

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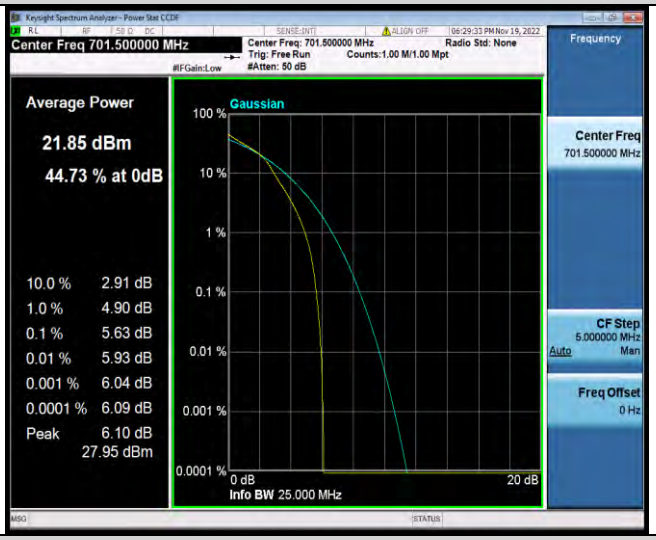

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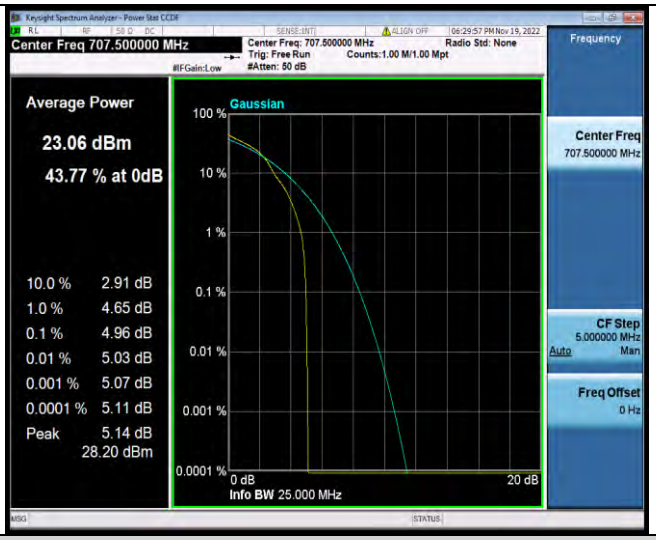

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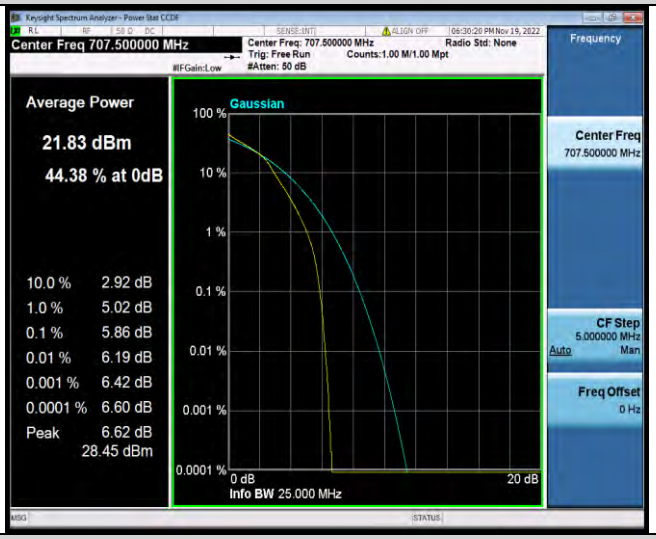

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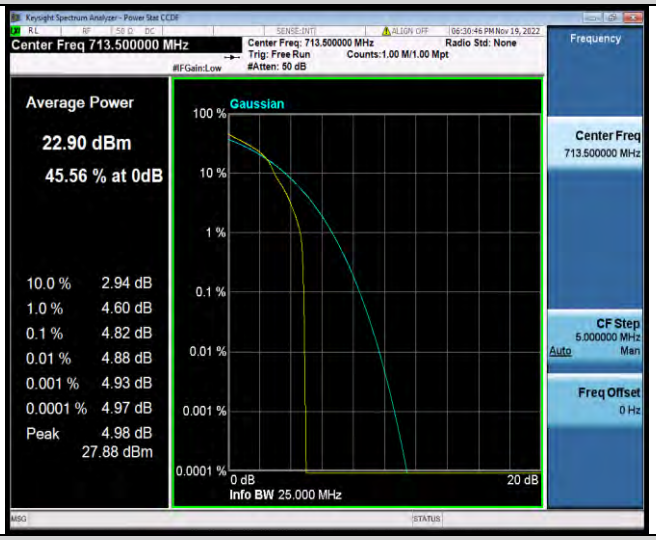

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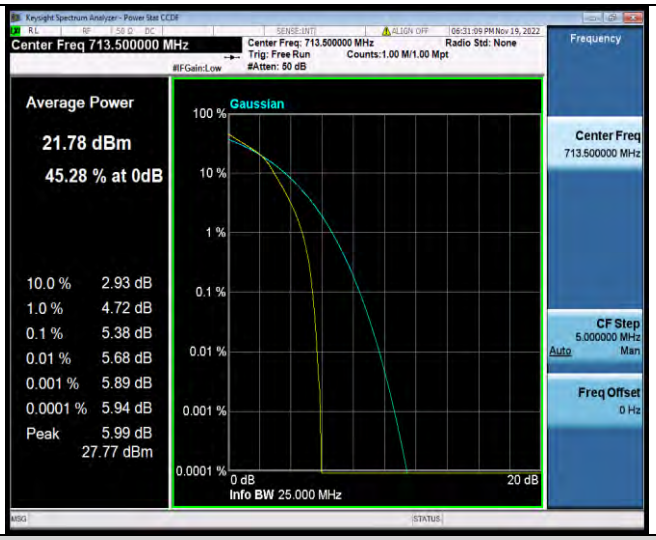

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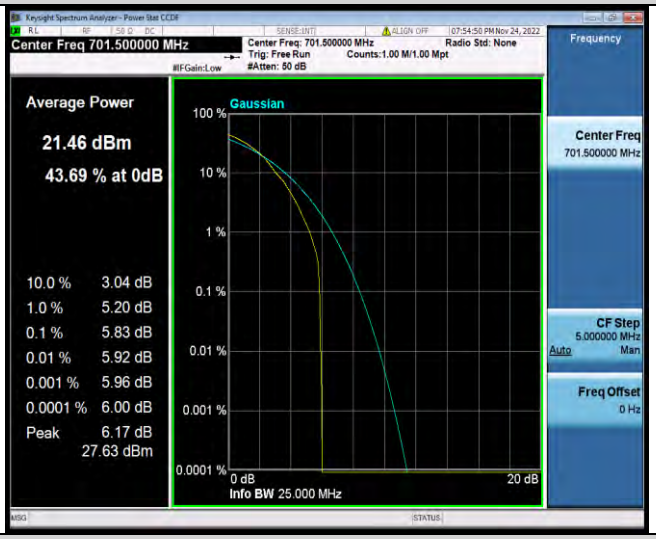

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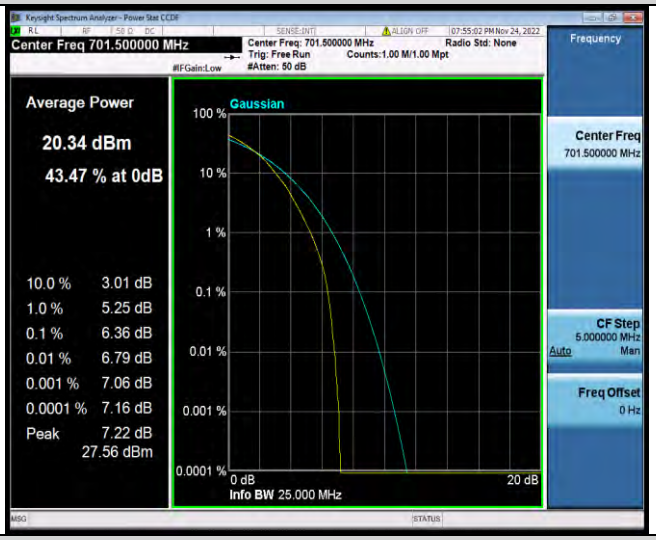

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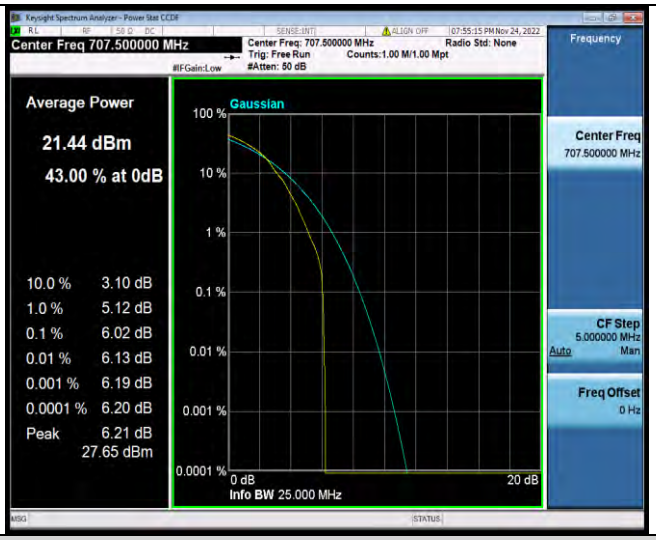

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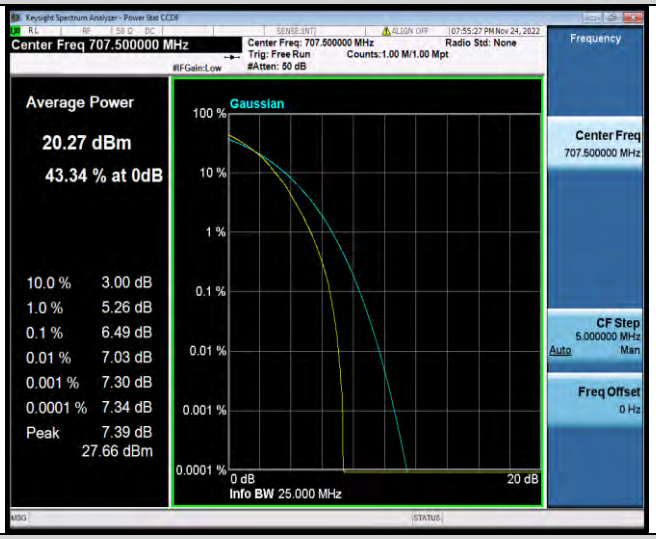

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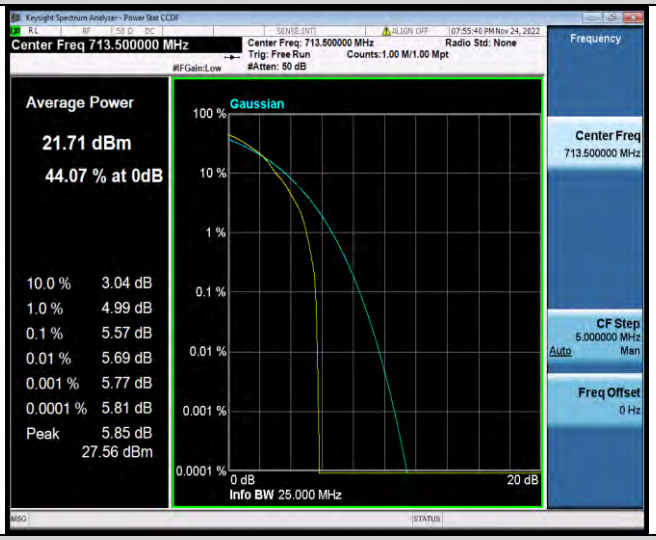
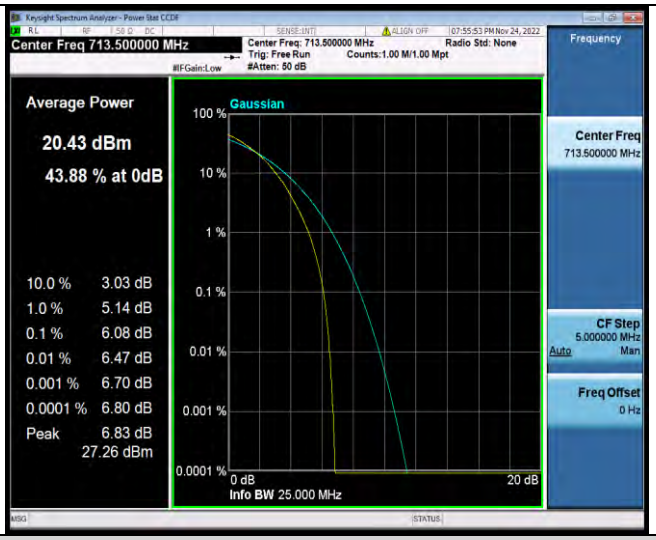
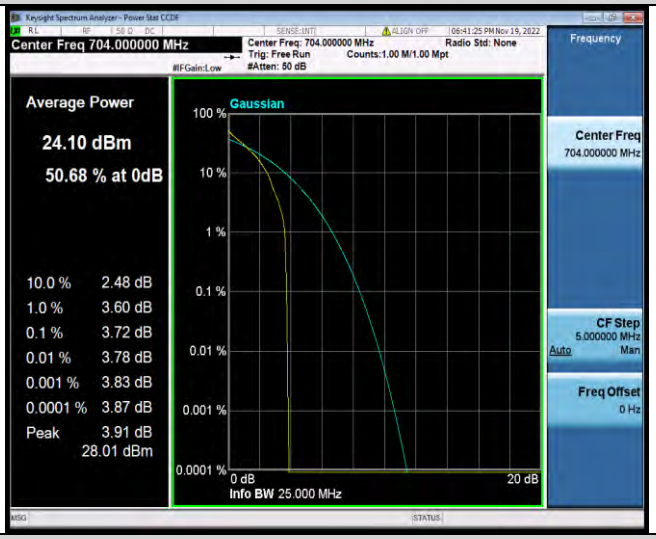


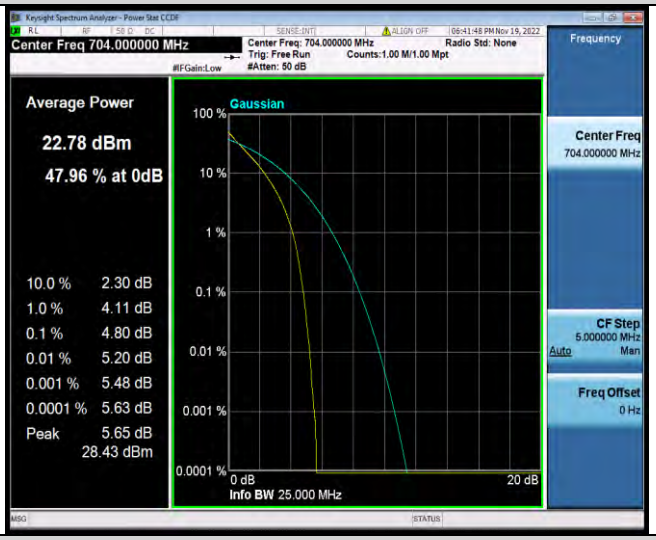
Band12-5MHz-64QAM-23155-25RB#0



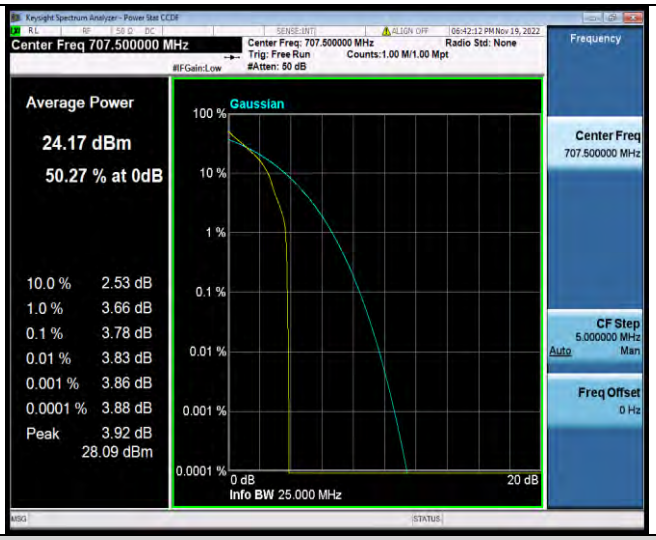
Band12-10MHz-QPSK-23060-1RB#0



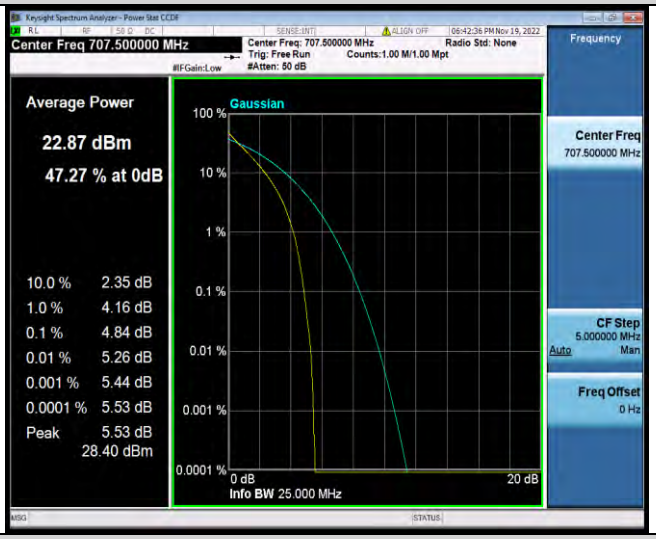
Band12-10MHz-QPSK-23060-50RB#0



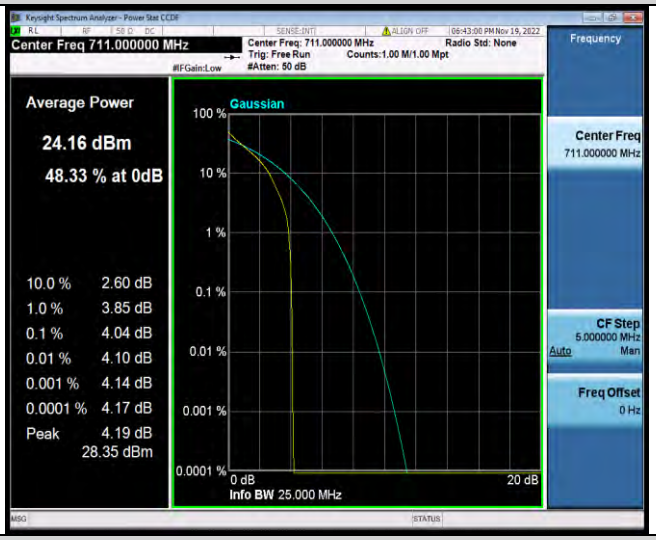
Band12-10MHz-QPSK-23095-1RB#0



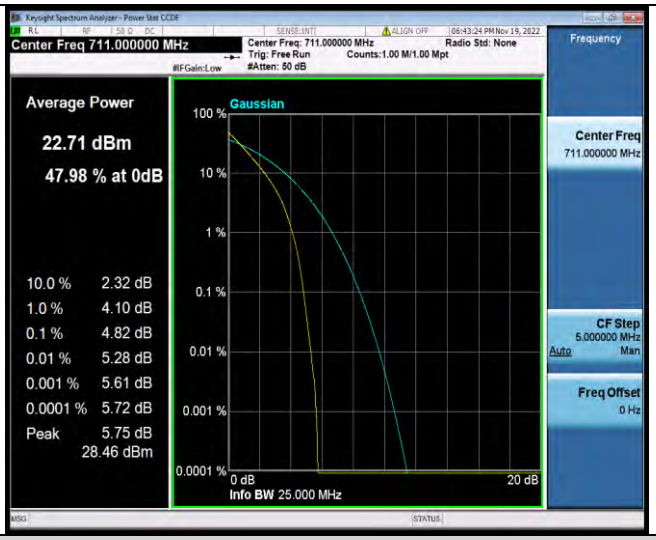
Band12-10MHz-QPSK-23095-50RB#0



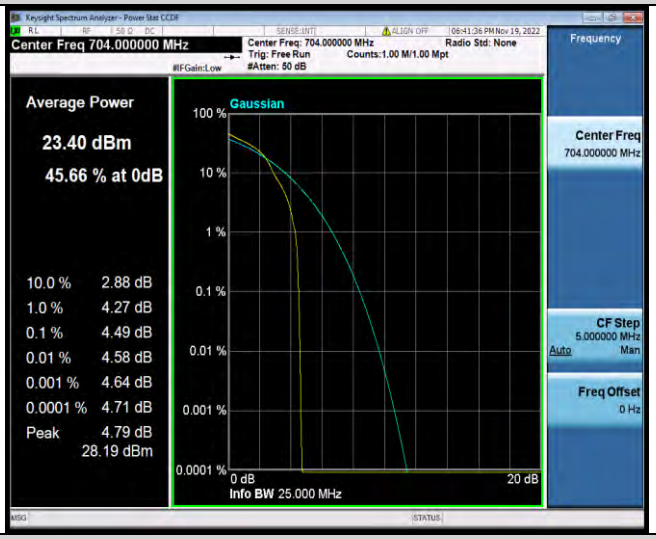
Band12-10MHz-QPSK-23130-1RB#0



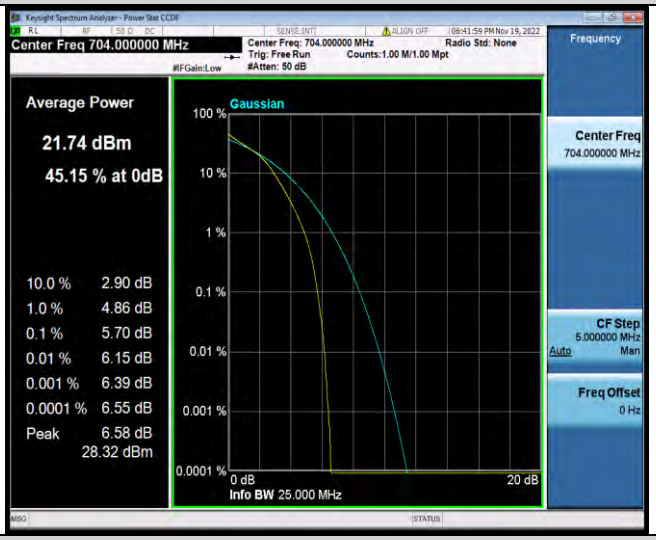
Band12-10MHz-QPSK-23130-50RB#0



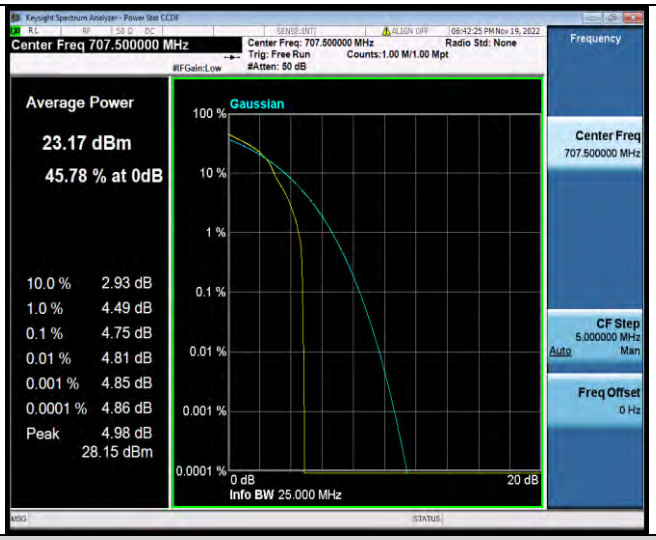
Band12-10MHz-16QAM-23060-1RB#0



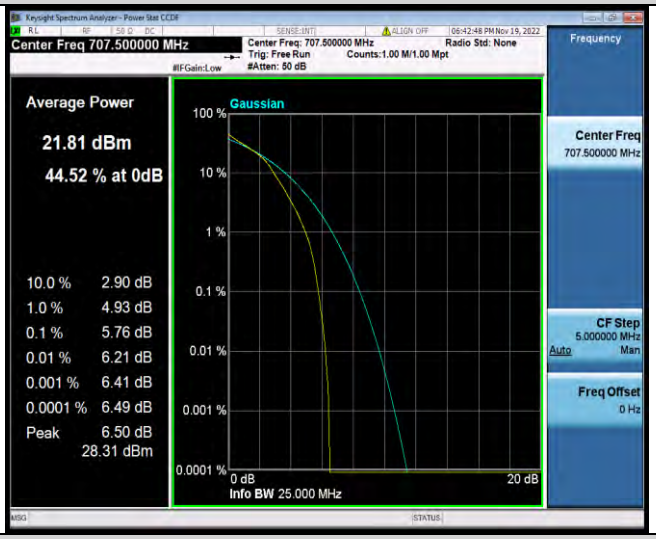
Band12-10MHz-16QAM-23060-50RB#0



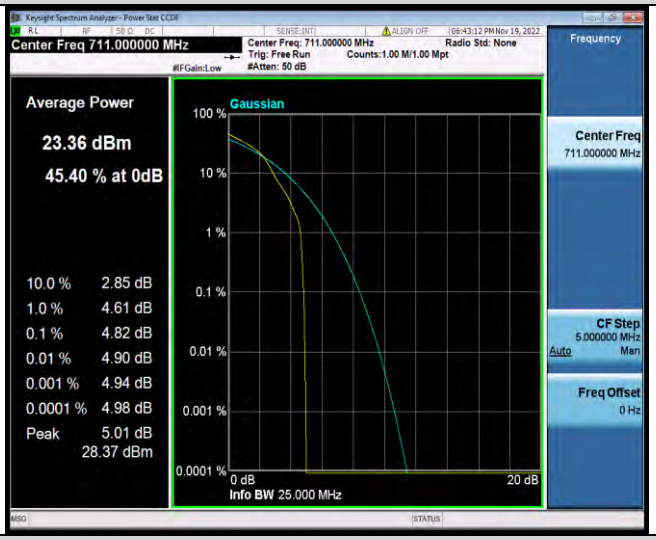
Band12-10MHz-16QAM-23095-1RB#0



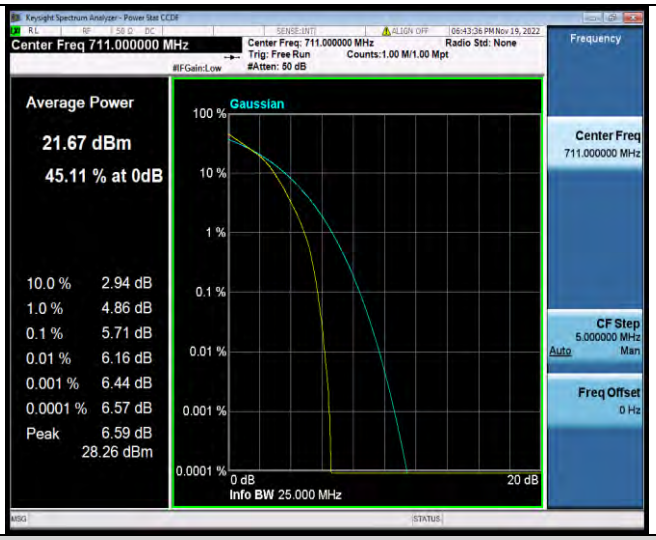
Band12-10MHz-16QAM-23095-50RB#0



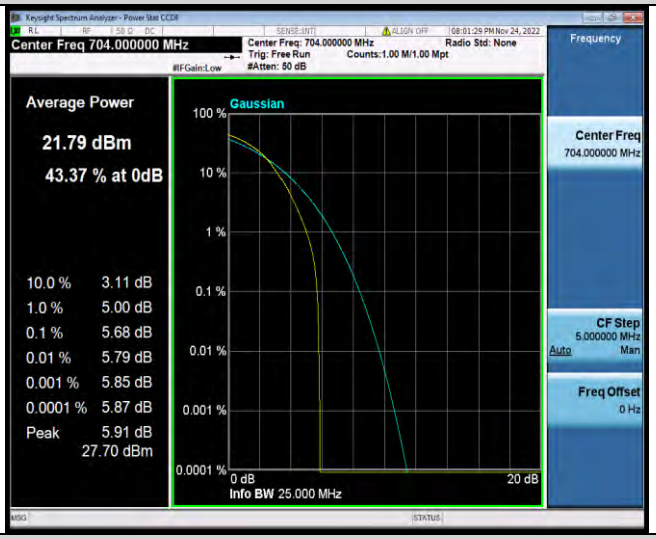
Band12-10MHz-16QAM-23130-1RB#0



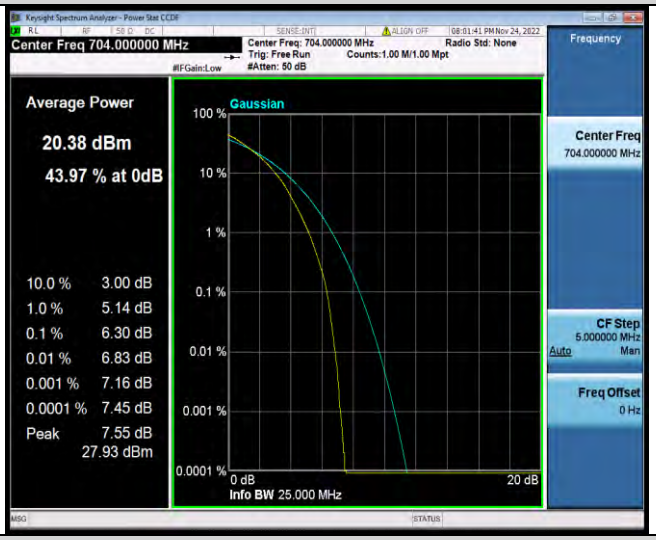
Band12-10MHz-16QAM-23130-50RB#0



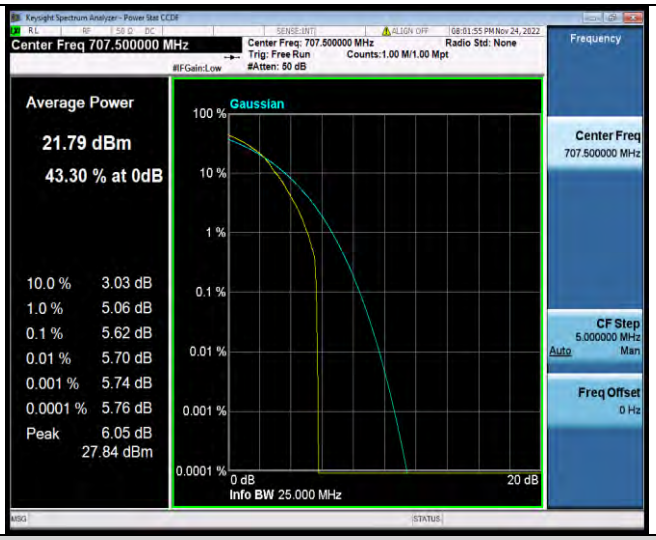
Band12-10MHz-64QAM-23060-1RB#0



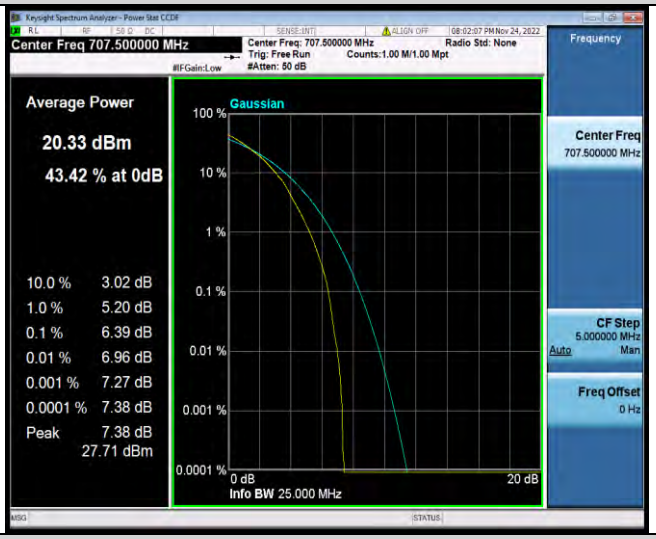
Band12-10MHz-64QAM-23060-50RB#0



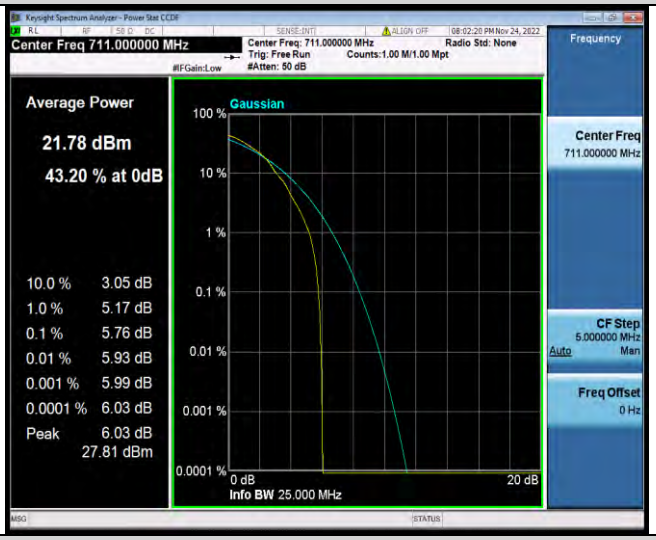
Band12-10MHz-64QAM-23095-1RB#0



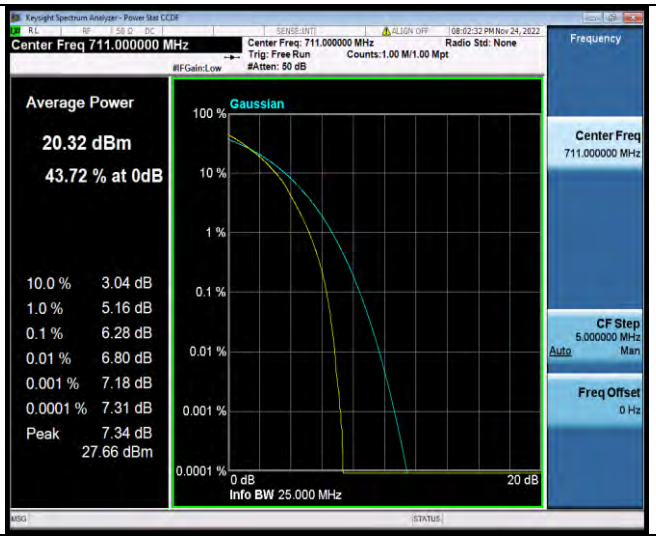
Band12-10MHz-64QAM-23095-50RB#0



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



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


Keysight Spectrum Analyzer - Power Stat CCDF
Center Freq 711.000000 MHz
Center Freq: 711.000000 MHz
Trig: Free Run
Counts:1.00 M/1.00 Mpt
#Atten: 50 dB
Radio Std: None
Frequency
Average Power
20.32 dBm
43.72 % at 0dB
10.0 % 3.04 dB
1.0 % 5.16 dB
0.1 % 6.28 dB
0.01 % 6.80 dB
0.001 % 7.18 dB
0.0001 % 7.31 dB
Peak 7.34 dB
27.66 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
711.000000 MHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz

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	1.0942	1.250	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0883	1.252	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0901	1.256	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0898	1.258	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0912	1.250	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0910	1.270	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	1.0905	1.262	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	1.0889	1.256	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	1.0963	1.257	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6945	2.912	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6998	2.919	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.6984	2.905	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6926	2.913	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6930	2.941	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6930	2.902	PASS
Band12	3MHz	64QAM	23025	15RB#0	2.6954	2.927	PASS
Band12	3MHz	64QAM	23095	15RB#0	2.6965	2.925	PASS
Band12	3MHz	64QAM	23165	15RB#0	2.6997	2.897	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4985	4.889	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.5015	4.874	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.5033	4.839	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.4964	4.880	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5033	4.904	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5010	4.855	PASS
Band12	5MHz	64QAM	23035	25RB#0	4.4943	4.868	PASS
Band12	5MHz	64QAM	23095	25RB#0	4.5050	4.875	PASS
Band12	5MHz	64QAM	23155	25RB#0	4.4960	4.880	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9723	9.573	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9740	9.558	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9657	9.542	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9512	9.551	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9699	9.550	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9684	9.542	PASS
Band12	10MHz	64QAM	23060	50RB#0	8.9521	9.544	PASS
Band12	10MHz	64QAM	23095	50RB#0	8.9841	9.557	PASS
Band12	10MHz	64QAM	23130	50RB#0	8.9720	9.513	PASS

Test Graphs

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

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

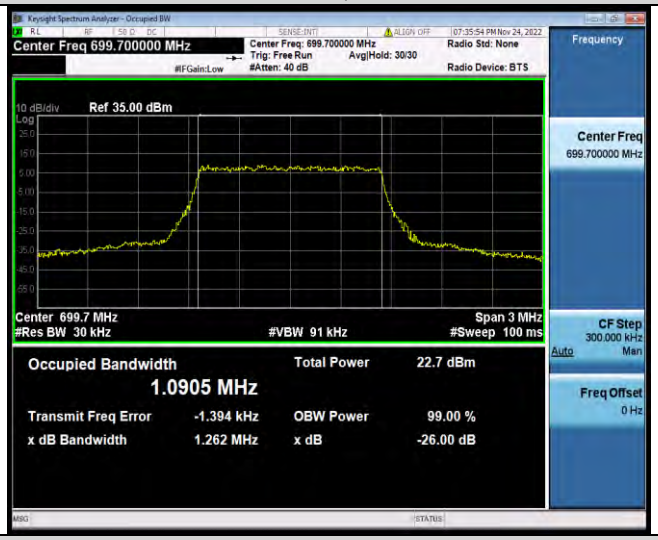
Band12-1.4MHz-QPSK-23173-6RB#0

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

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

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

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



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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Keysight Spectrum Analyzer - Occupied BW
Center Freq 711.000000 MHz
Center Freq: 711.000000 MHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
07:56:25 PM Nov 24, 2022
10 dB/div
Ref 35.00 dBm
Center 711 MHz
#Res BW 200 kHz
#VBW 620 kHz
Span 20 MHz
#Sweep 100 ms
Occupied Bandwidth
8.9720 MHz
Total Power 21.4 dBm
Transmit Freq Error -9.601 kHz
OBW Power 99.00 %
x dB Bandwidth 9.513 MHz
x dB -26.00 dB
Frequency
Center Freq
711.000000 MHz
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz

BAND EDGE

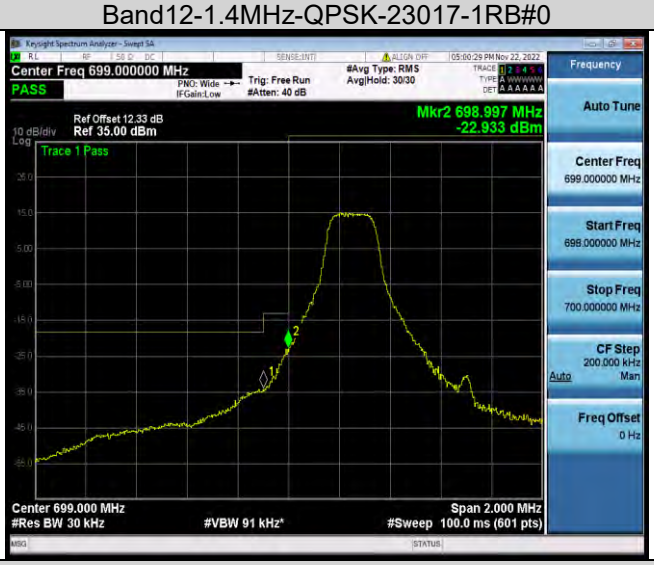
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-34.27,-22.93	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-34.27,-29.20	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-21.55,-30.83	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-26.91,-29.99	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-35.22,-24.87	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-34.07,-29.99	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-22.66,-32.21	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-28.50,-32.67	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	-34.98,-24.97	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	-33.71,-29.91	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	-23.45,-32.38	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	-30.93,-34.80	PASS
Band12	3MHz	QPSK	23025	1RB#0	-31.34,-19.88	PASS
Band12	3MHz	QPSK	23025	15RB#0	-34.41,-26.62	PASS
Band12	3MHz	QPSK	23165	1RB#14	-17.98,-29.17	PASS
Band12	3MHz	QPSK	23165	15RB#0	-25.97,-32.24	PASS
Band12	3MHz	16QAM	23025	1RB#0	-32.43,-20.68	PASS
Band12	3MHz	16QAM	23025	15RB#0	-34.03,-27.38	PASS
Band12	3MHz	16QAM	23165	1RB#14	-18.99,-29.96	PASS
Band12	3MHz	16QAM	23165	15RB#0	-27.90,-34.28	PASS
Band12	3MHz	64QAM	23025	1RB#0	-31.41,-21.01	PASS
Band12	3MHz	64QAM	23025	15RB#0	-34.15,-27.81	PASS
Band12	3MHz	64QAM	23165	1RB#14	-20.04,-31.12	PASS
Band12	3MHz	64QAM	23165	15RB#0	-28.36,-36.98	PASS
Band12	5MHz	QPSK	23035	1RB#0	-18.74	PASS
Band12	5MHz	QPSK	23035	25RB#0	-27.42	PASS
Band12	5MHz	QPSK	23155	1RB#24	-18.16	PASS
Band12	5MHz	QPSK	23155	25RB#0	-26.25	PASS
Band12	5MHz	16QAM	23035	1RB#0	-19.21	PASS
Band12	5MHz	16QAM	23035	25RB#0	-27.45	PASS
Band12	5MHz	16QAM	23155	1RB#24	-19.80	PASS
Band12	5MHz	16QAM	23155	25RB#0	-27.70	PASS
Band12	5MHz	64QAM	23035	1RB#0	-18.54	PASS
Band12	5MHz	64QAM	23035	25RB#0	-28.31	PASS
Band12	5MHz	64QAM	23155	1RB#24	-18.72	PASS
Band12	5MHz	64QAM	23155	25RB#0	-28.96	PASS
Band12	10MHz	QPSK	23060	1RB#0	-32.60,-25.80	PASS
Band12	10MHz	QPSK	23060	50RB#0	-31.04,-29.12	PASS
Band12	10MHz	QPSK	23130	1RB#49	-24.89,-31.33	PASS
Band12	10MHz	QPSK	23130	50RB#0	-29.81,-31.73	PASS
Band12	10MHz	16QAM	23060	1RB#0	-32.30,-25.62	PASS
Band12	10MHz	16QAM	23060	50RB#0	-31.71,-30.44	PASS
Band12	10MHz	16QAM	23130	1RB#49	-25.10,-31.92	PASS
Band12	10MHz	16QAM	23130	50RB#0	-31.26,-33.25	PASS

Band12	10MHz	64QAM	23060	1RB#0	-32.76,-25.20	PASS
Band12	10MHz	64QAM	23060	50RB#0	-31.16,-29.70	PASS
Band12	10MHz	64QAM	23130	1RB#49	-25.62,-31.75	PASS
Band12	10MHz	64QAM	23130	50RB#0	-33.04,-35.11	PASS

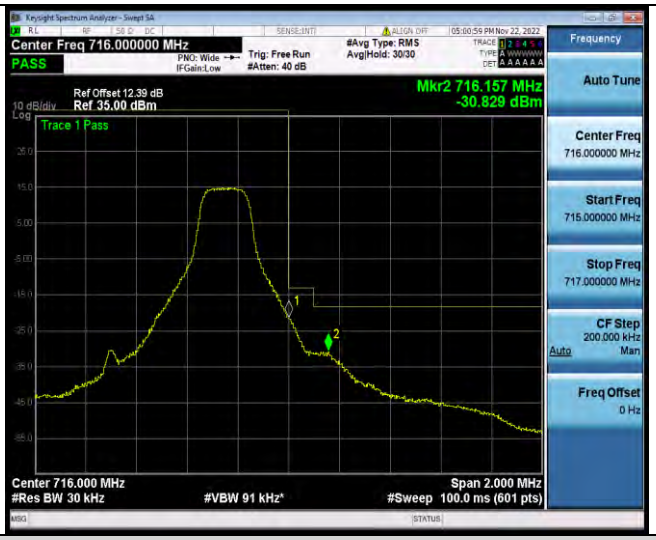
Test Graphs

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



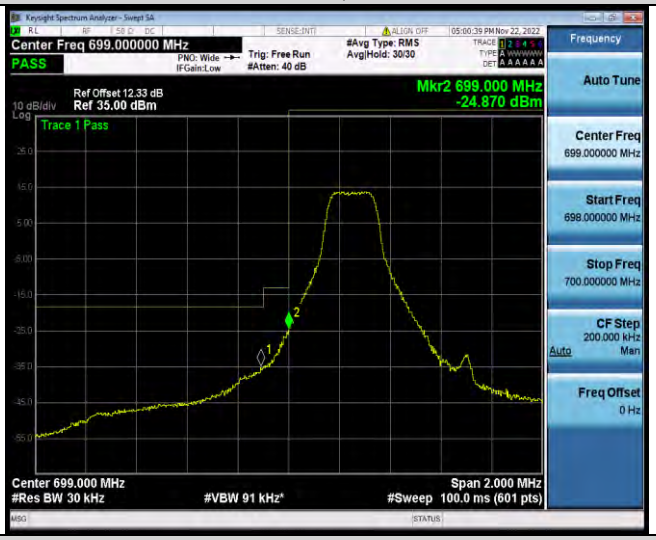
Band12-1.4MHz-QPSK-23017-6RB#0

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



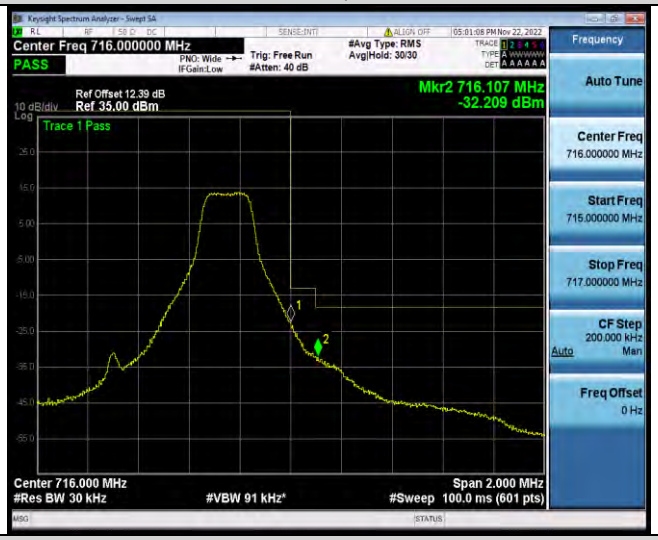
Band12-1.4MHz-QPSK-23173-6RB#0

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



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

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

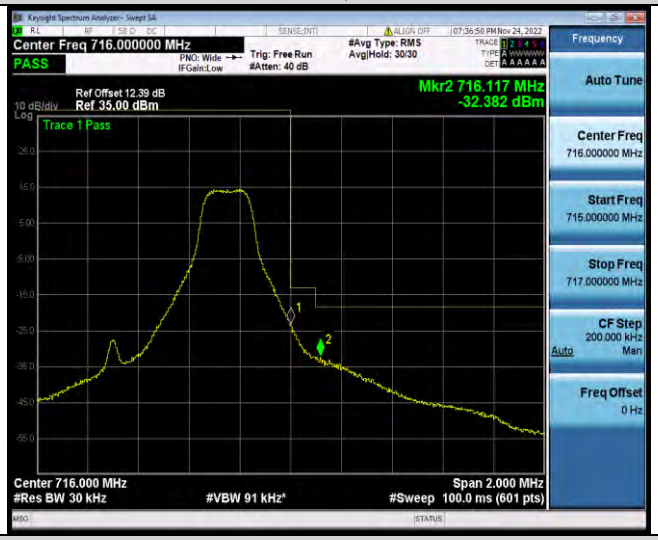


Band12-1.4MHz-16QAM-23173-6RB#0

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

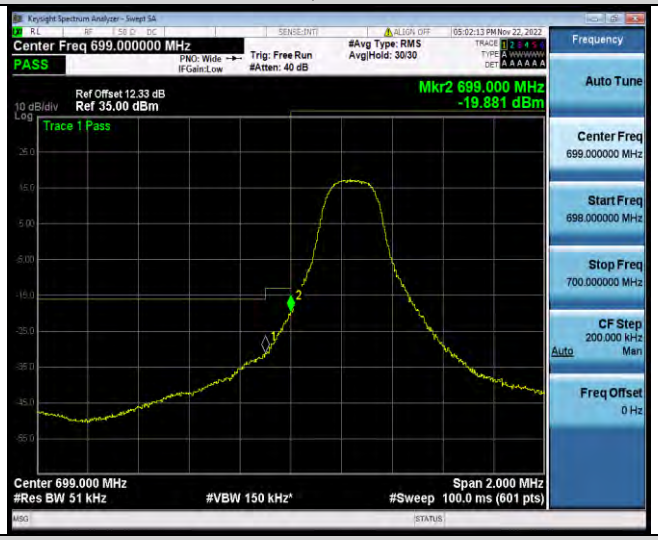
Band12-1.4MHz-64QAM-23017-6RB#0

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



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

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



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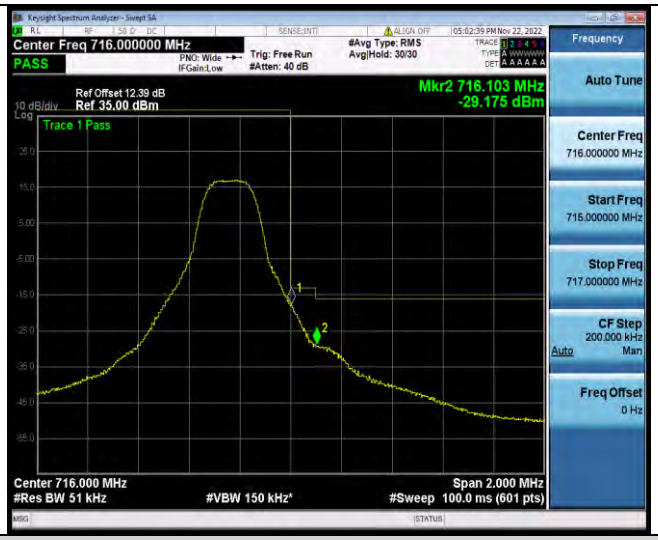

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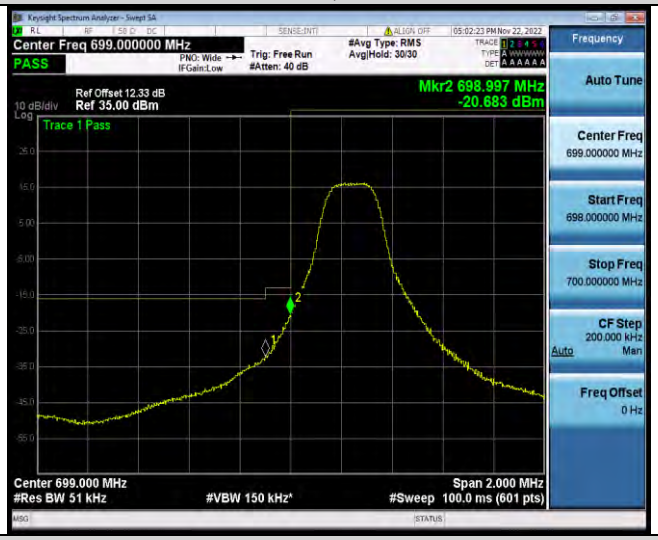

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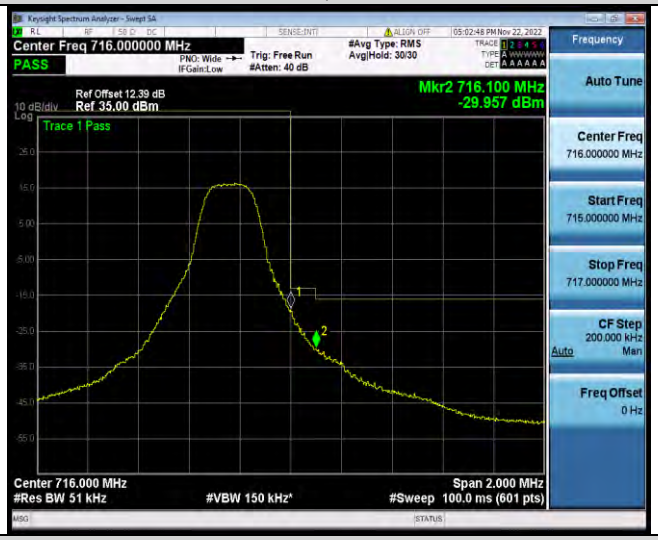

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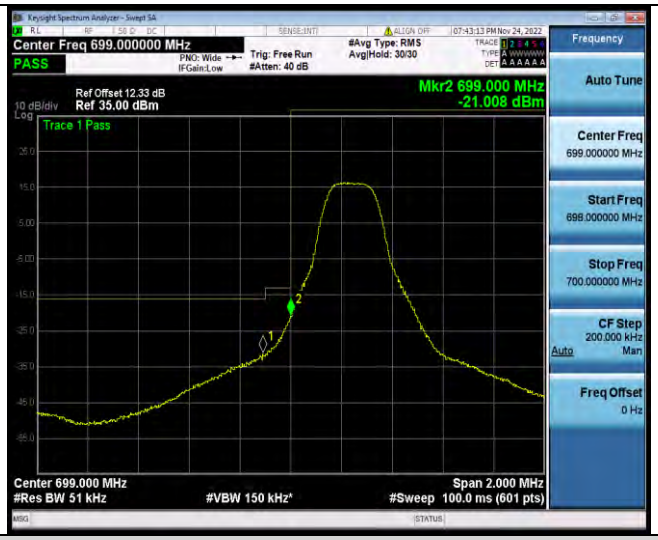

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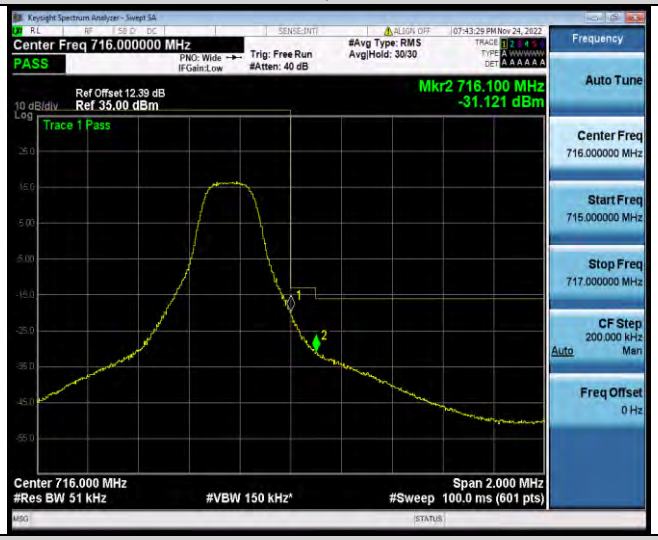
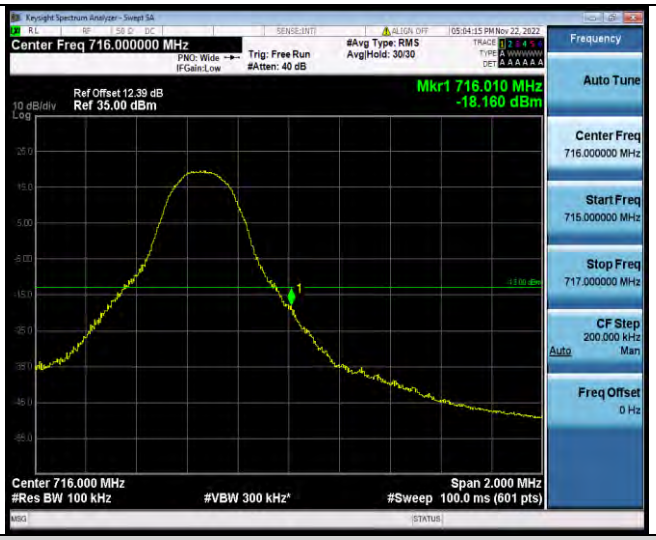


Band12-3MHz-64QAM-23165-15RB#0

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

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

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



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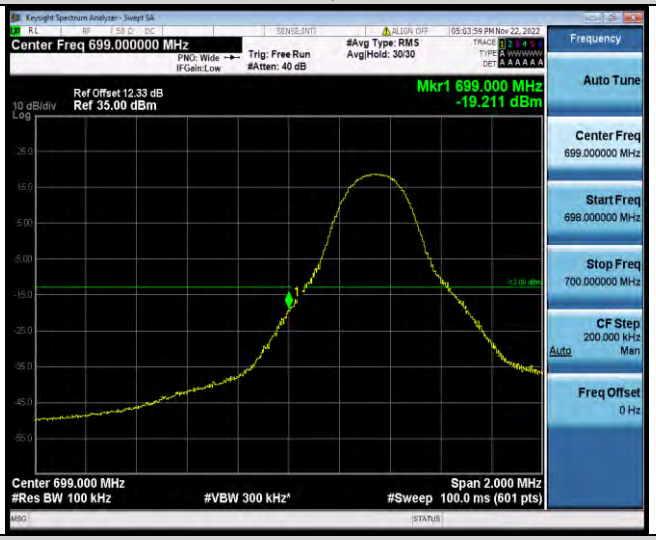

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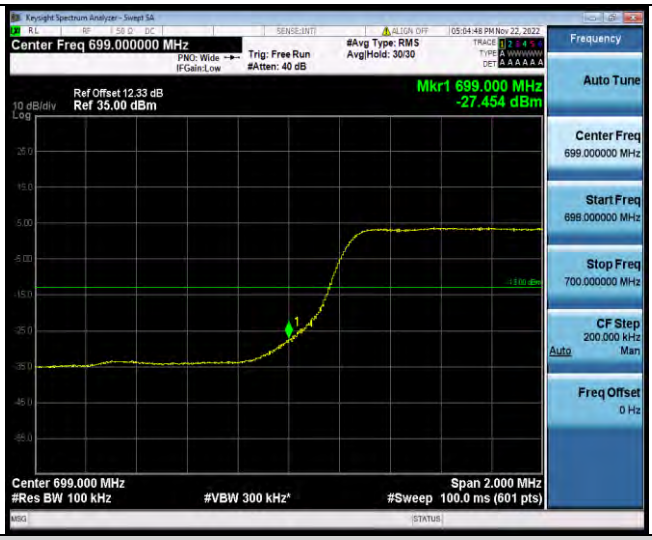

Band12-5MHz-16QAM-23155-1RB#24

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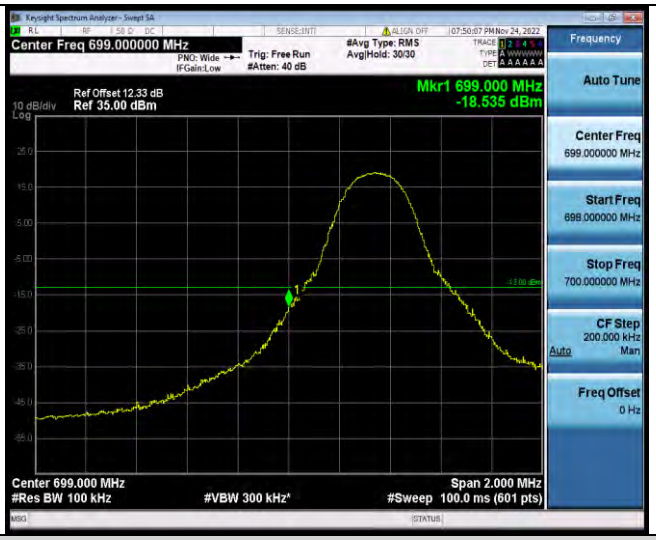

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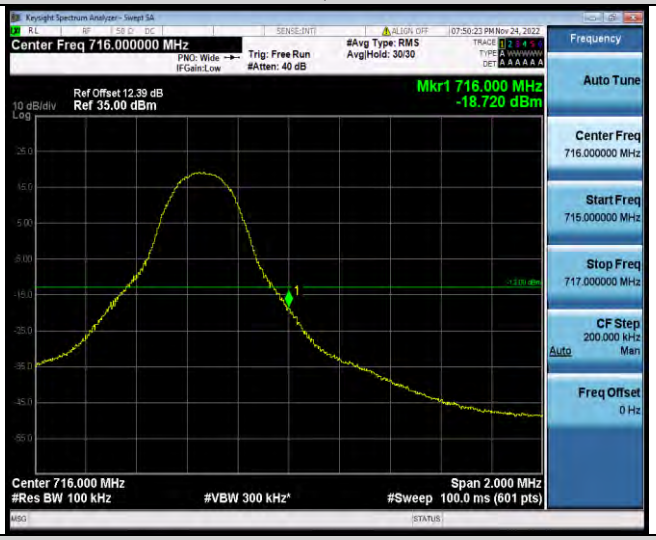

Band12-5MHz-64QAM-23155-25RB#0

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

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

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