CONDUCTED SPURIOUS EMISSION

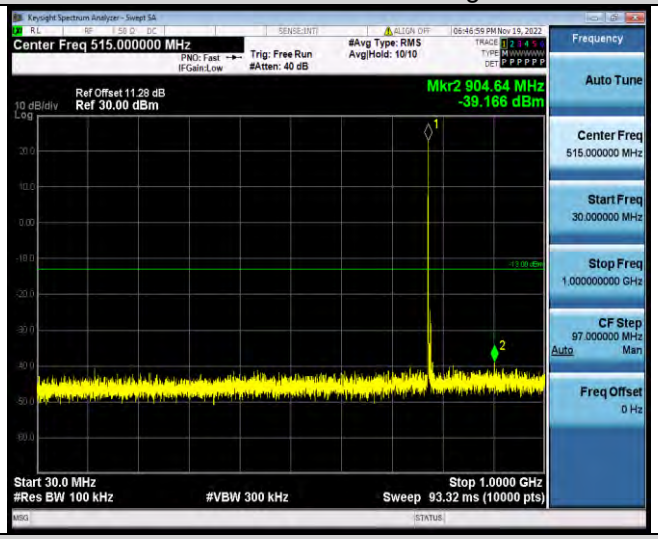
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-39.17	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-59.55	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-59.82	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-34.73	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-59.15	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-40.31	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-59.72	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-60.41	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-34.56	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-49.96	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-39.99	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-60.66	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-60.07	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-33.71	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-48.38	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-40.32	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-59.1	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-60.11	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-33.88	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-59.24	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-39.59	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-60.04	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-60.07	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-34.67	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-51.09	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-40.43	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-60.25	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-60.33	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-34.16	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-48.89	PASS
Band13	5MHz	64QAM	23205	1RB#0	Range1:30~1000MHz	-40.2	PASS
Band13	5MHz	64QAM	23205	1RB#0	Range3:763~775MHz	-60.18	PASS
Band13	5MHz	64QAM	23205	1RB#0	Range4:793~805MHz	-60.42	PASS
Band13	5MHz	64QAM	23205	1RB#0	Range2:1000~10000MHz	-33.77	PASS
Band13	5MHz	64QAM	23205	1RB#0	Range5:1559~1610MHz	-59.65	PASS
Band13	5MHz	64QAM	23230	1RB#0	Range1:30~1000MHz	-40.16	PASS
Band13	5MHz	64QAM	23230	1RB#0	Range3:763~775MHz	-59.97	PASS
Band13	5MHz	64QAM	23230	1RB#0	Range4:793~805MHz	-59.95	PASS
Band13	5MHz	64QAM	23230	1RB#0	Range2:1000~10000MHz	-34.35	PASS
Band13	5MHz	64QAM	23230	1RB#0	Range5:1559~1610MHz	-52.68	PASS
Band13	5MHz	64QAM	23255	1RB#0	Range1:30~1000MHz	-39.5	PASS
Band13	5MHz	64QAM	23255	1RB#0	Range3:763~775MHz	-60.53	PASS
Band13	5MHz	64QAM	23255	1RB#0	Range4:793~805MHz	-60.23	PASS
Band13	5MHz	64QAM	23255	1RB#0	Range2:1000~10000MHz	-34.23	PASS

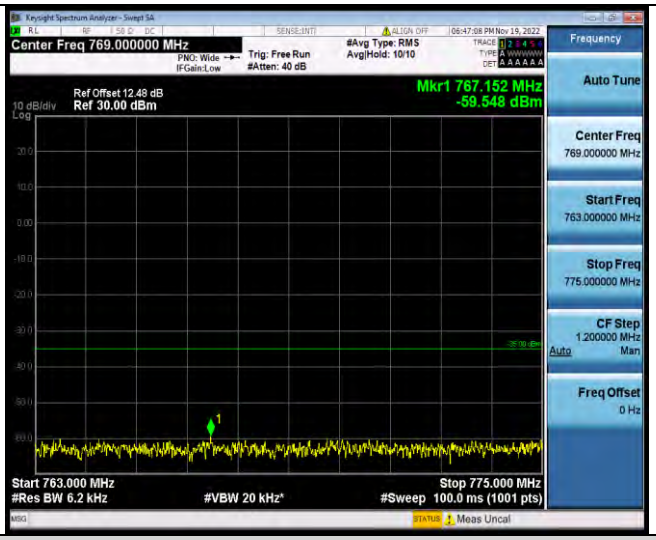
Band13	5MHz	64QAM	23255	1RB#0	Range5:1559~1610MHz	-51.18	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-39.24	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-60.37	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-60	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-34.49	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-59.26	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-40.23	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-59.78	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-60.03	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-34.06	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-59.42	PASS
Band13	10MHz	64QAM	23230	1RB#0	Range1:30~1000MHz	-40.05	PASS
Band13	10MHz	64QAM	23230	1RB#0	Range3:763~775MHz	-59.77	PASS
Band13	10MHz	64QAM	23230	1RB#0	Range4:793~805MHz	-59.8	PASS
Band13	10MHz	64QAM	23230	1RB#0	Range2:1000~10000MHz	-33.27	PASS
Band13	10MHz	64QAM	23230	1RB#0	Range5:1559~1610MHz	-59.55	PASS

Test Graphs

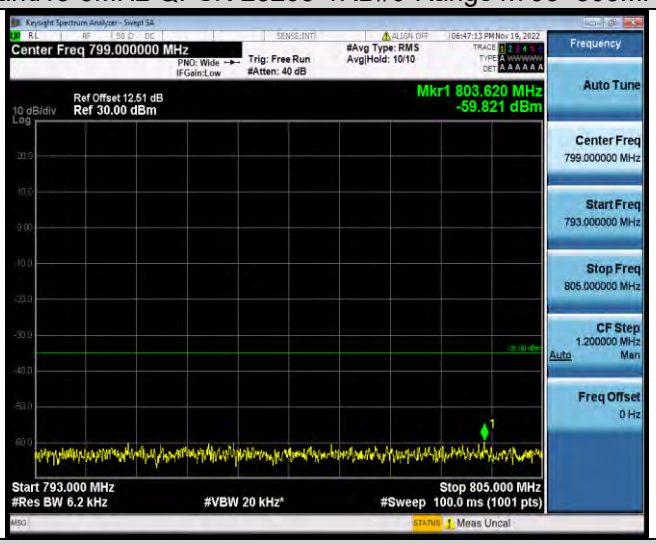
Band13-5MHz-QPSK-23205-1RB#0-Range1:30~1000MHz



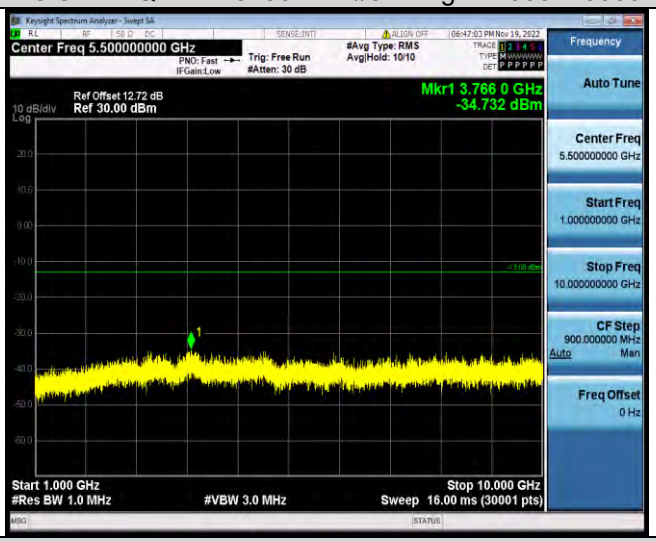
Band13-5MHz-QPSK-23205-1RB#0-Range3:763~775MHz



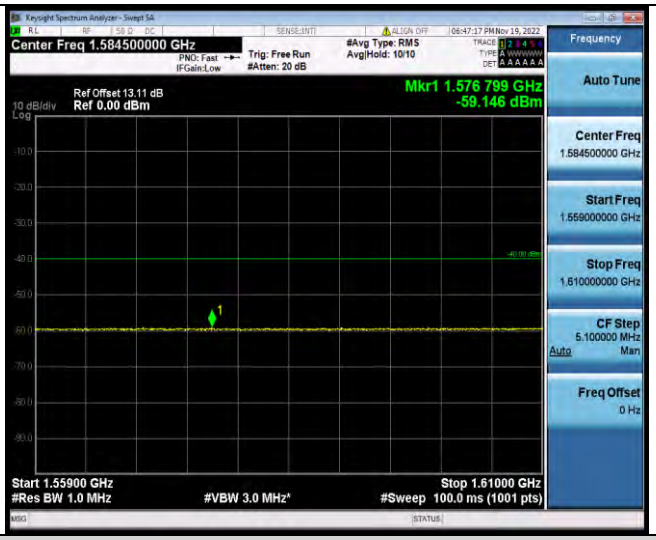
Band13-5MHz-QPSK-23205-1RB#0-Range4:793~805MHz



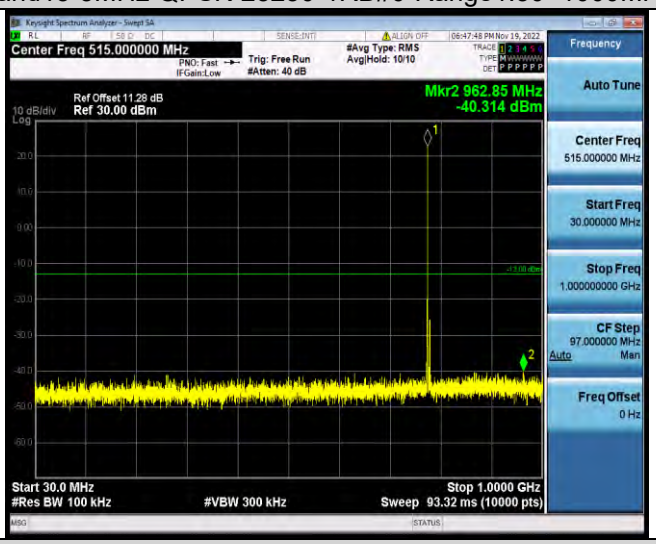
Band13-5MHz-QPSK-23205-1RB#0-Range2:1000~10000MHz



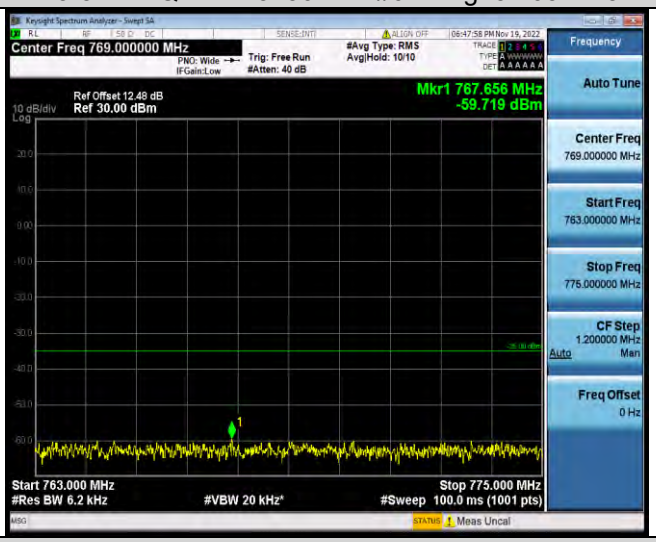
Band13-5MHz-QPSK-23205-1RB#0-Range5:1559~1610MHz



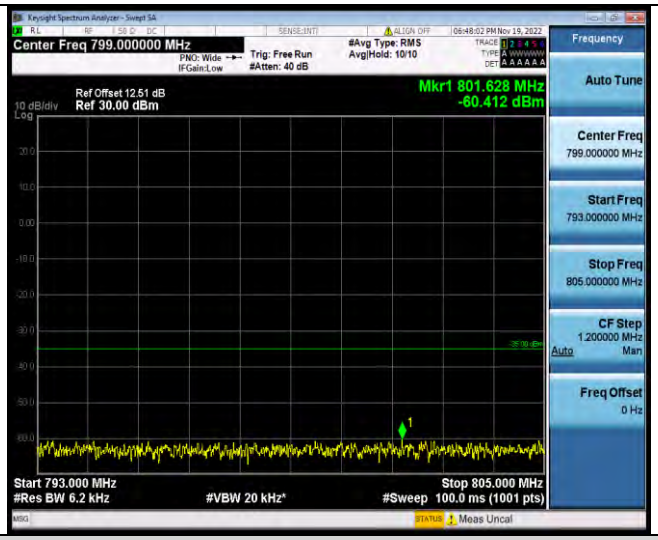
Band13-5MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



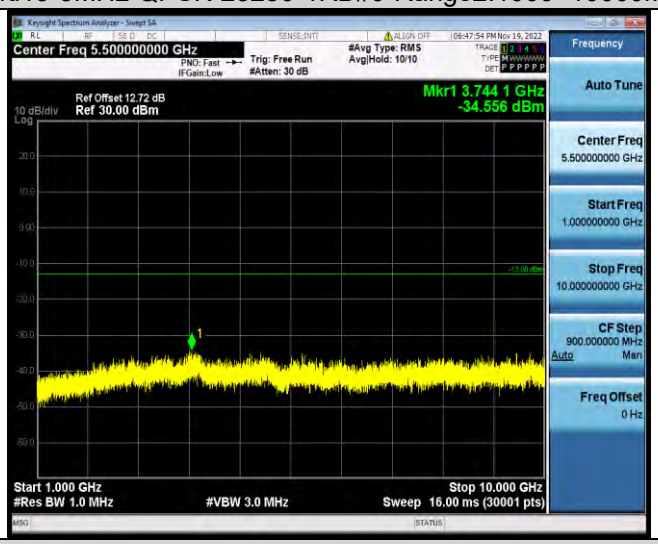
Band13-5MHz-QPSK-23230-1RB#0-Range3:763~775MHz



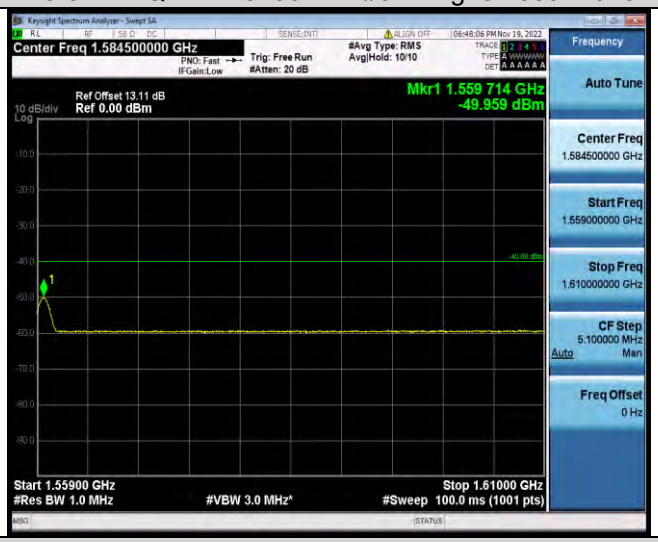
Band13-5MHz-QPSK-23230-1RB#0-Range4:793~805MHz



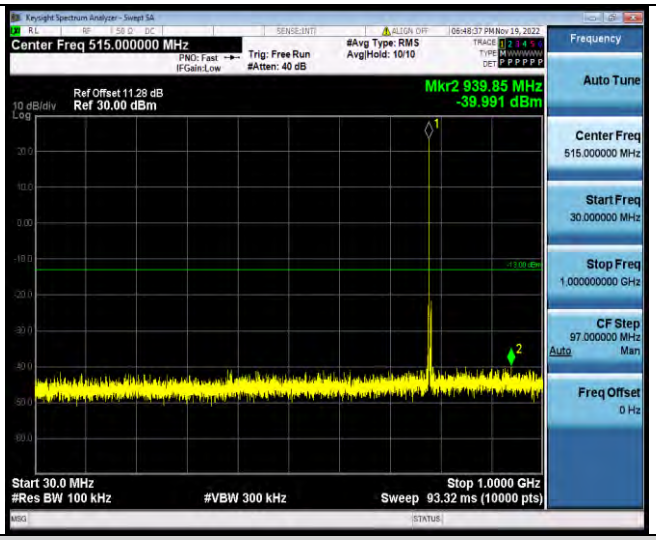
Band13-5MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



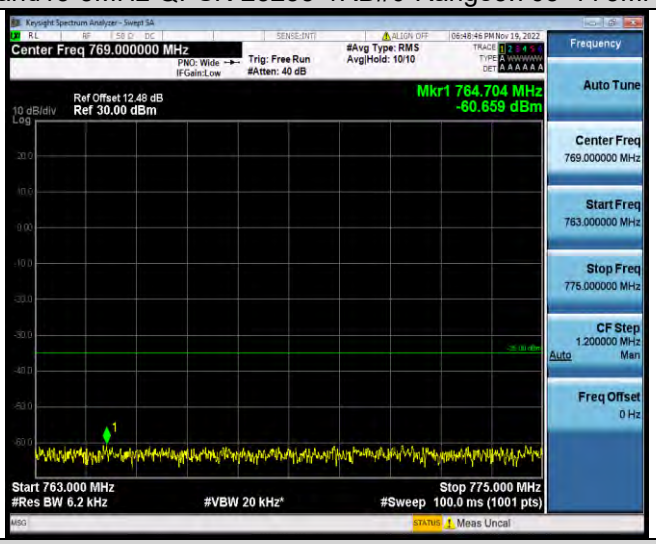
Band13-5MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz



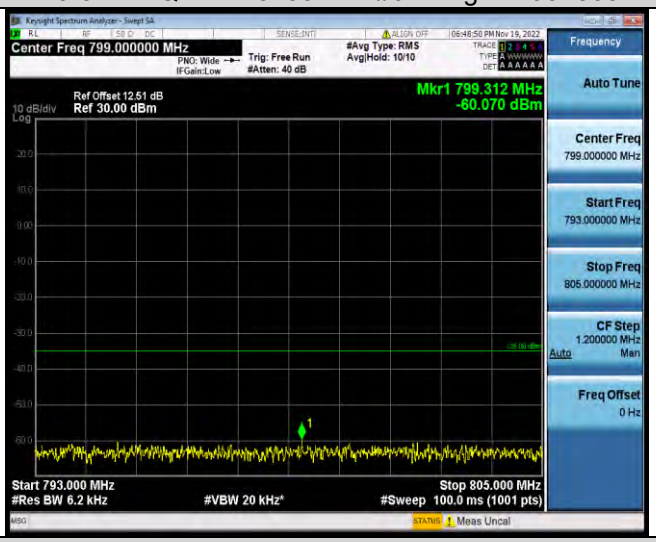
Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz



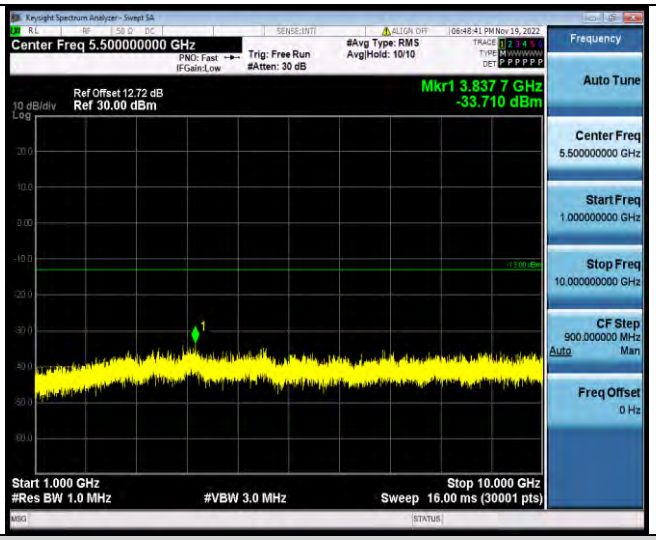
Band13-5MHz-QPSK-23255-1RB#0-Range3:763~775MHz



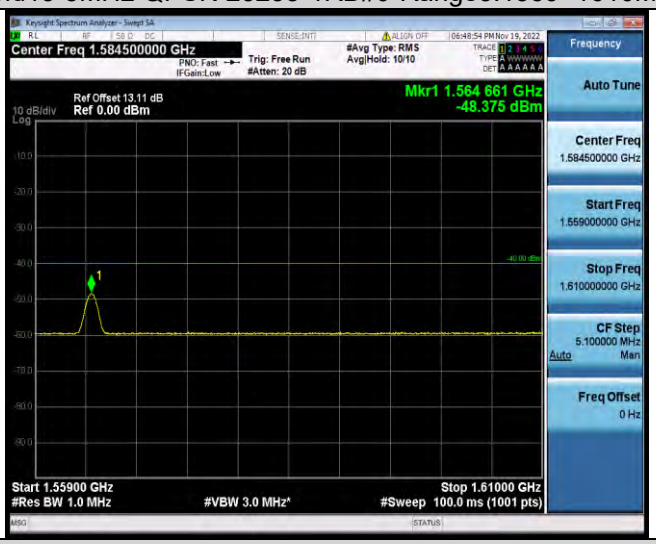
Band13-5MHz-QPSK-23255-1RB#0-Range4:793~805MHz



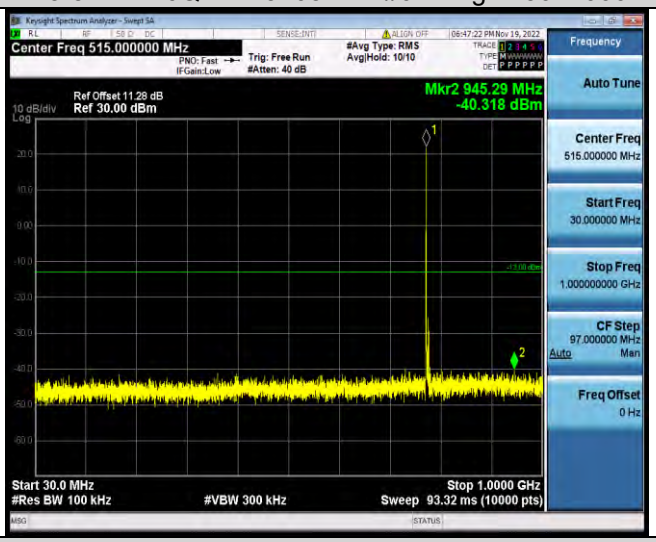
Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz



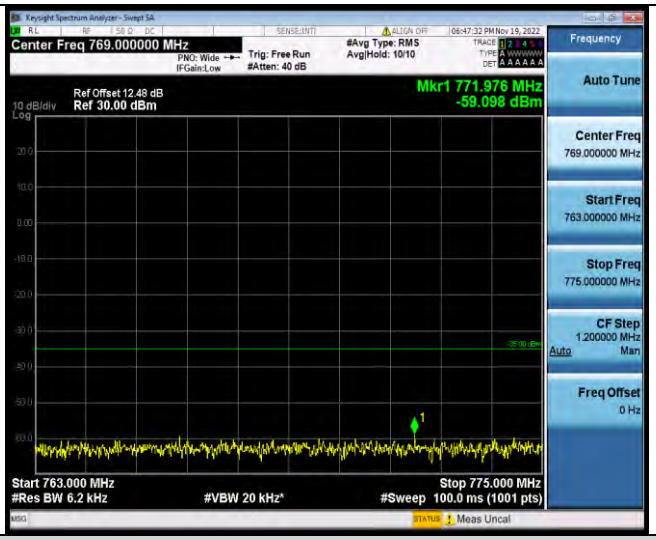
Band13-5MHz-QPSK-23255-1RB#0-Range5:1559~1610MHz



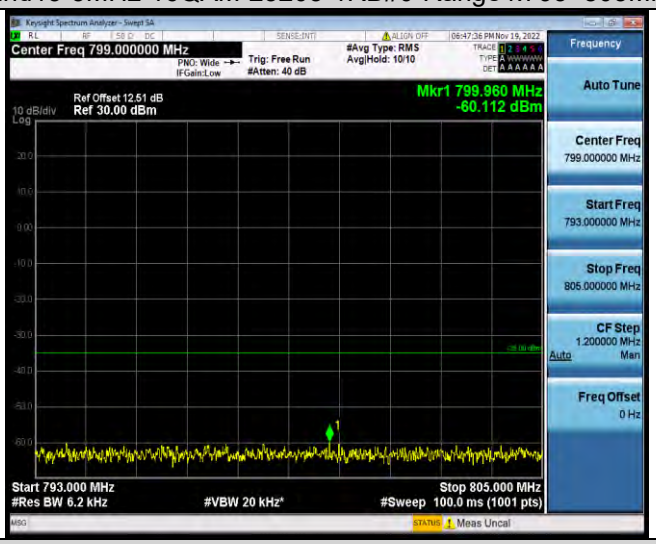
Band13-5MHz-16QAM-23205-1RB#0-Range1:30~1000MHz



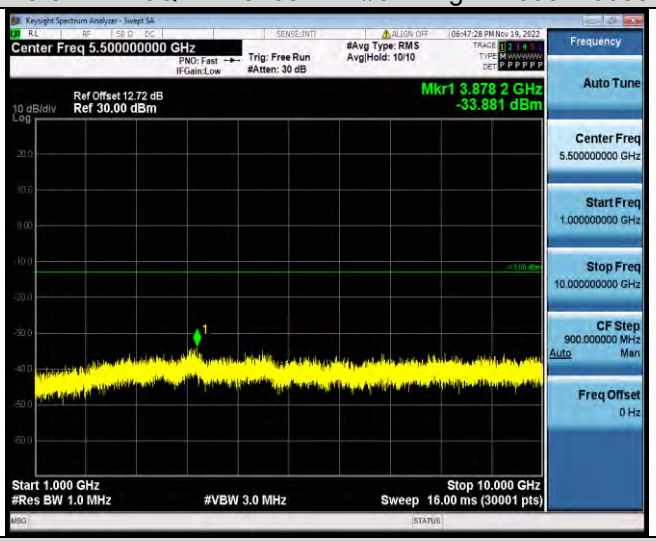
Band13-5MHz-16QAM-23205-1RB#0-Range3:763~775MHz



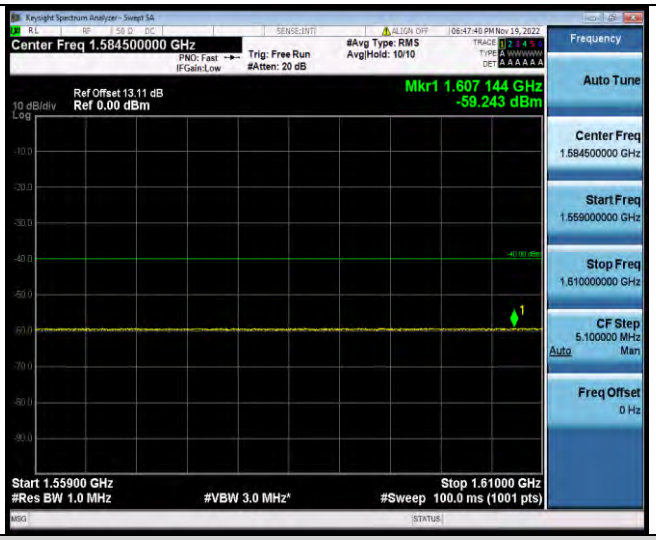
Band13-5MHz-16QAM-23205-1RB#0-Range4:793~805MHz



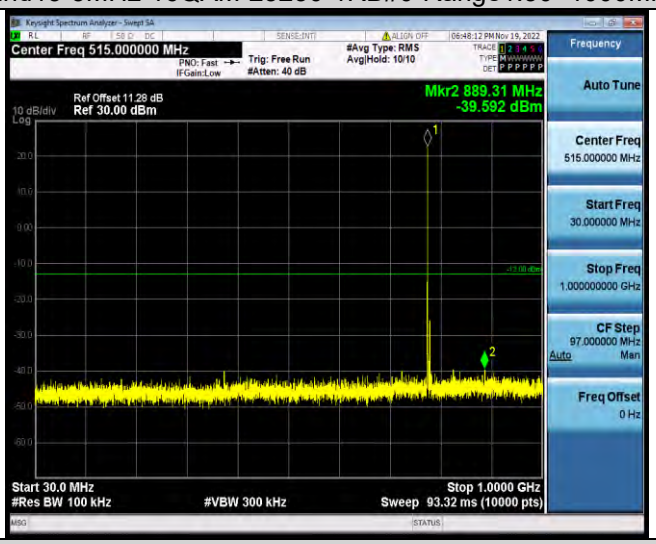
Band13-5MHz-16QAM-23205-1RB#0-Range2:1000~10000MHz



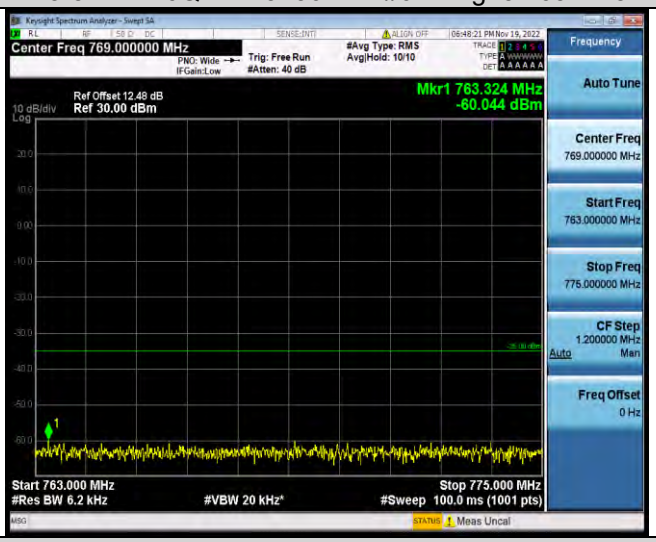
Band13-5MHz-16QAM-23205-1RB#0-Range5:1559~1610MHz



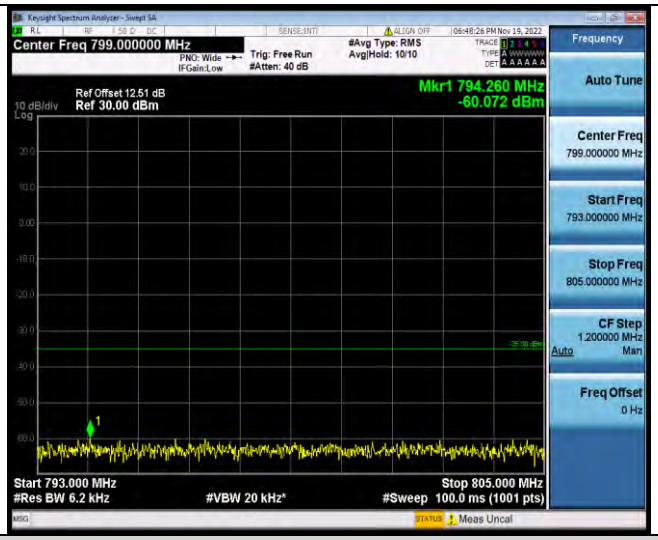
Band13-5MHz-16QAM-23230-1RB#0-Range1:30~1000MHz



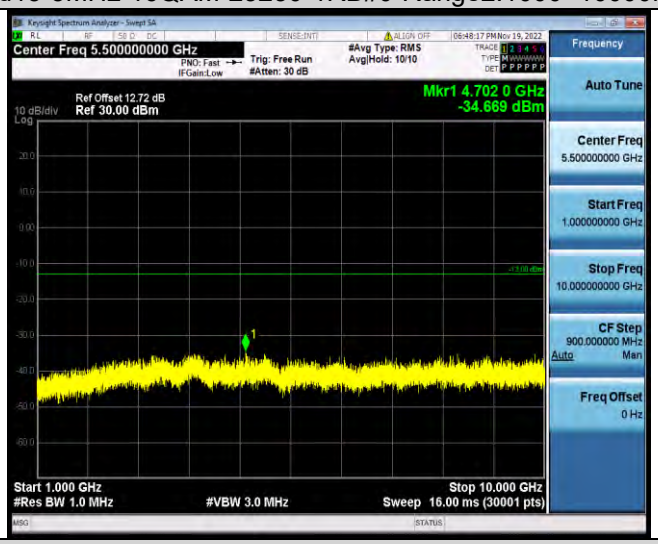
Band13-5MHz-16QAM-23230-1RB#0-Range3:763~775MHz



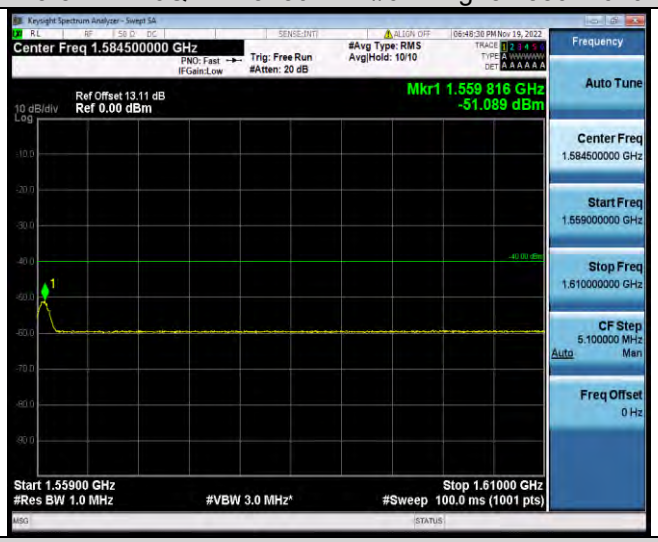
Band13-5MHz-16QAM-23230-1RB#0-Range4:793~805MHz



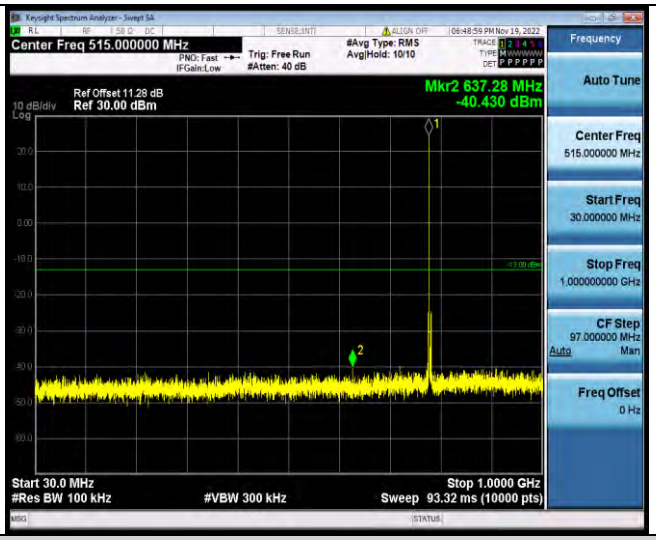
Band13-5MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz



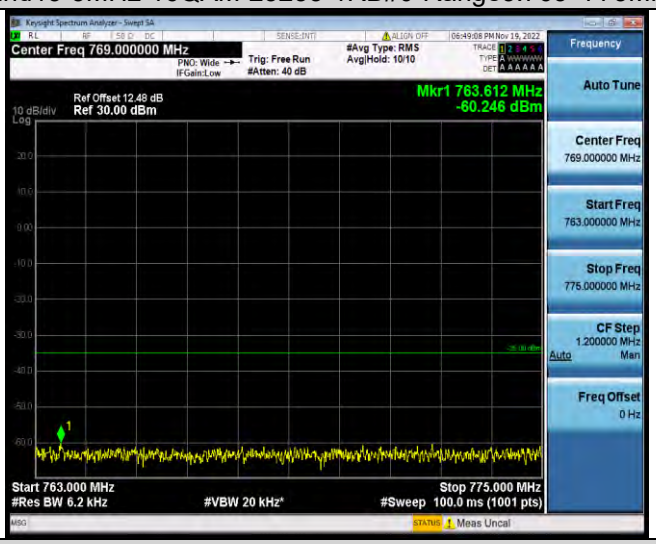
Band13-5MHz-16QAM-23230-1RB#0-Range5:1559~1610MHz



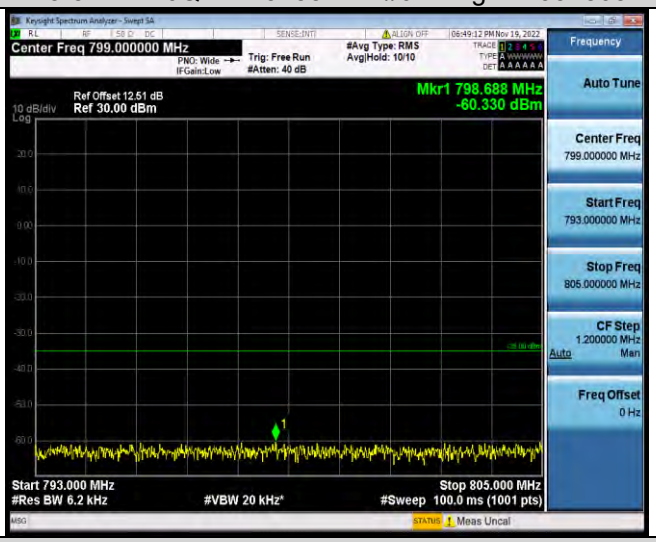
Band13-5MHz-16QAM-23255-1RB#0-Range1:30~1000MHz



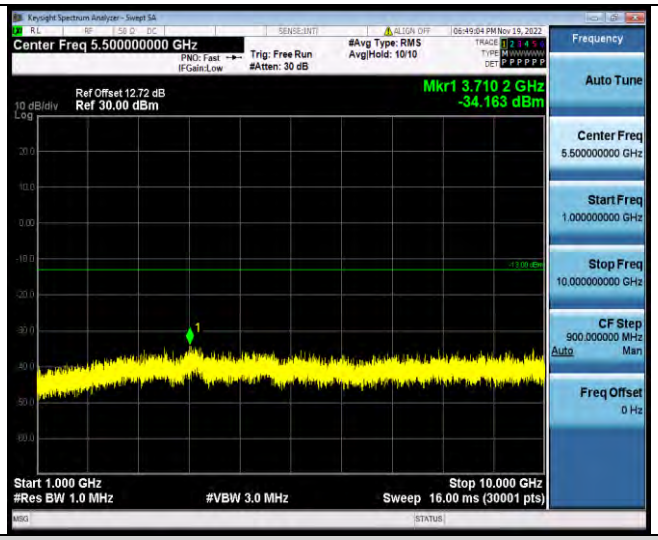
Band13-5MHz-16QAM-23255-1RB#0-Range3:763~775MHz



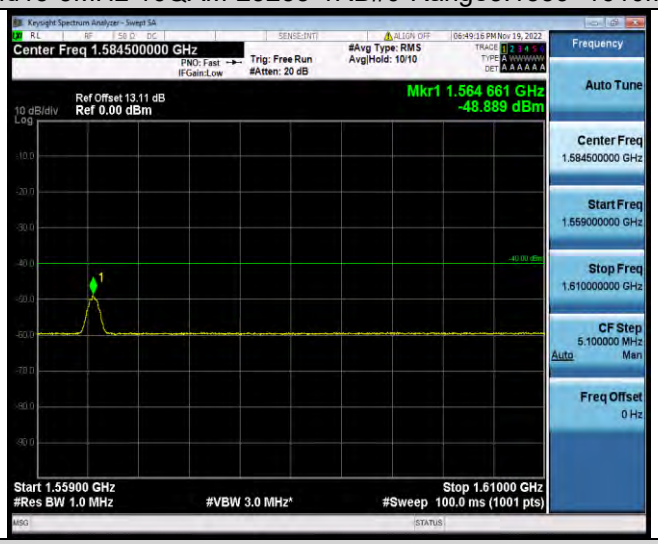
Band13-5MHz-16QAM-23255-1RB#0-Range4:793~805MHz



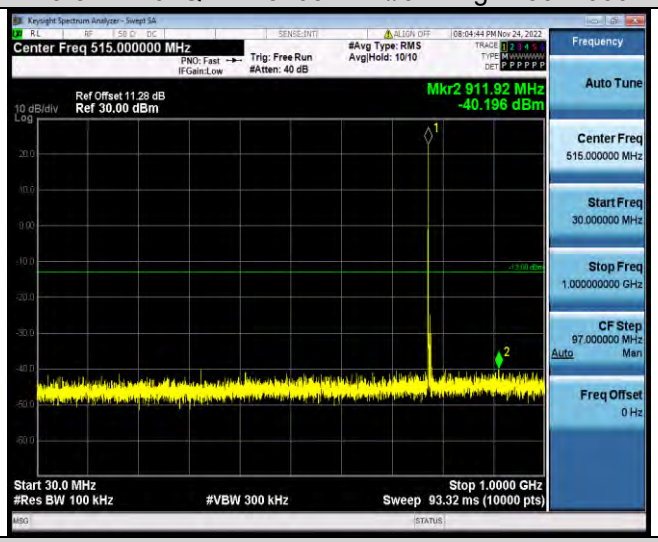
Band13-5MHz-16QAM-23255-1RB#0-Range2:1000~10000MHz



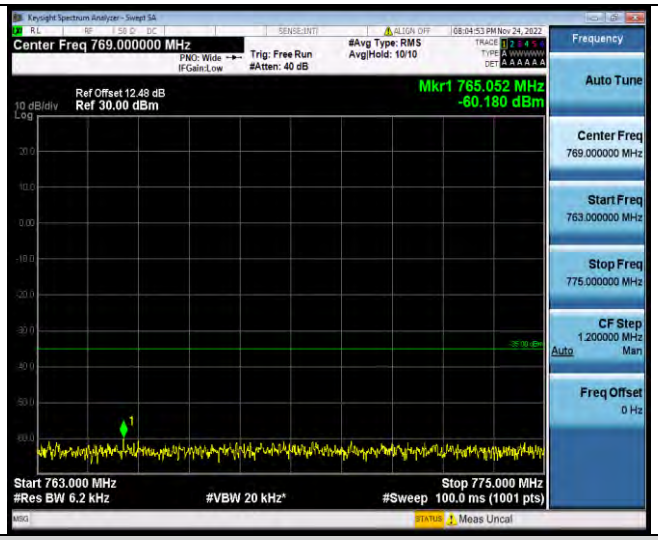
Band13-5MHz-16QAM-23255-1RB#0-Range5:1559~1610MHz



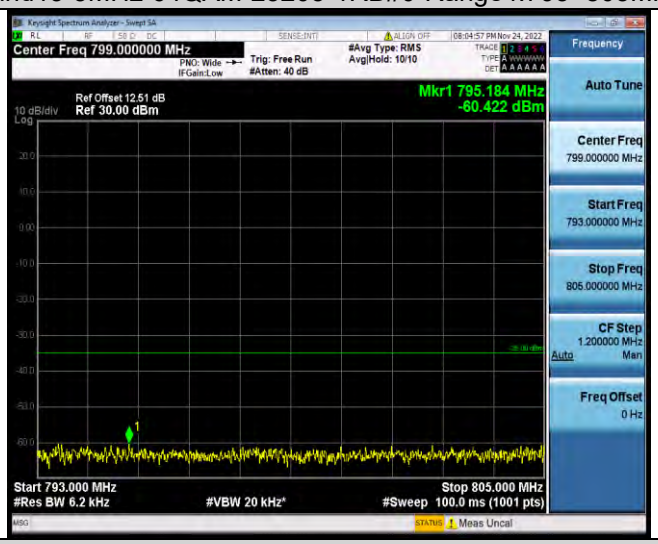
Band13-5MHz-64QAM-23205-1RB#0-Range1:30~1000MHz



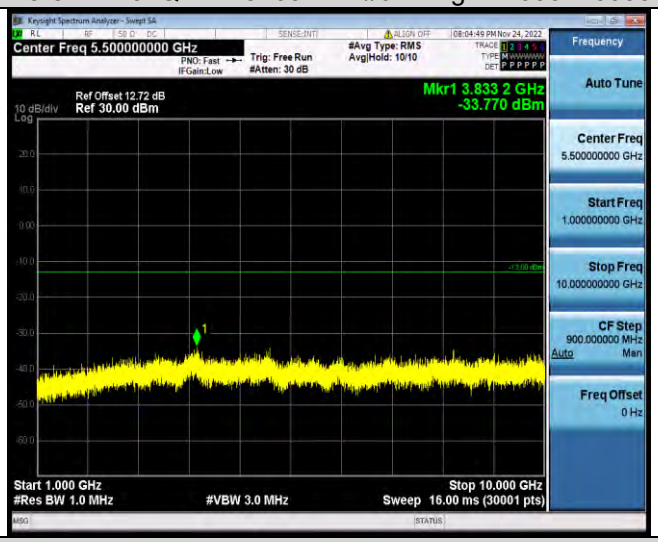
Band13-5MHz-64QAM-23205-1RB#0-Range3:763~775MHz



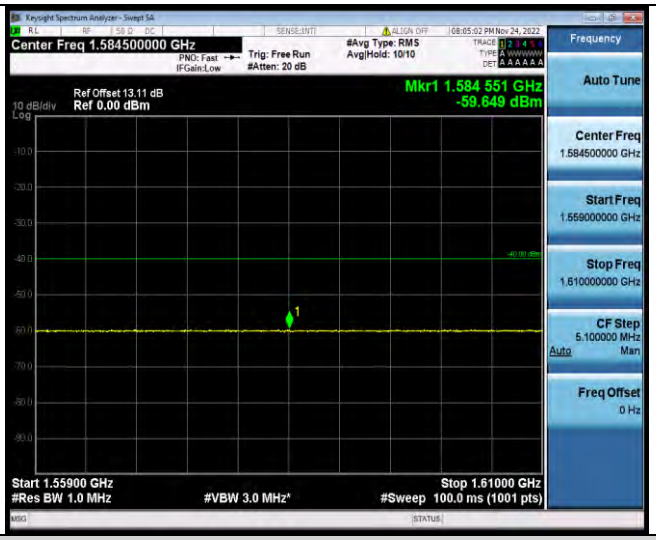
Band13-5MHz-64QAM-23205-1RB#0-Range4:793~805MHz



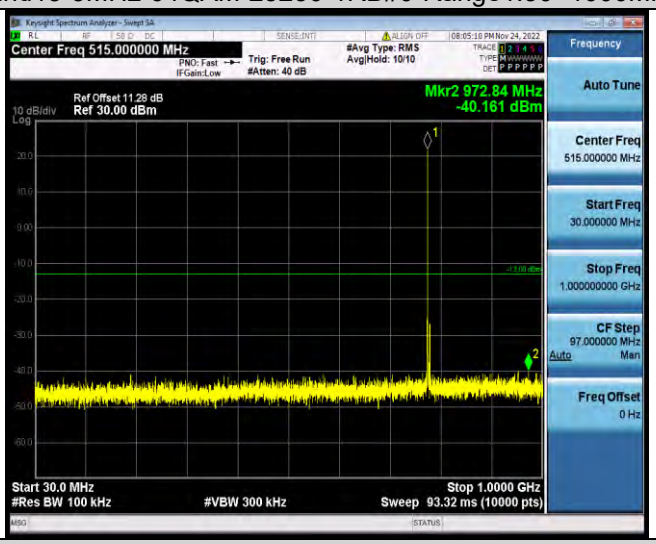
Band13-5MHz-64QAM-23205-1RB#0-Range2:1000~10000MHz



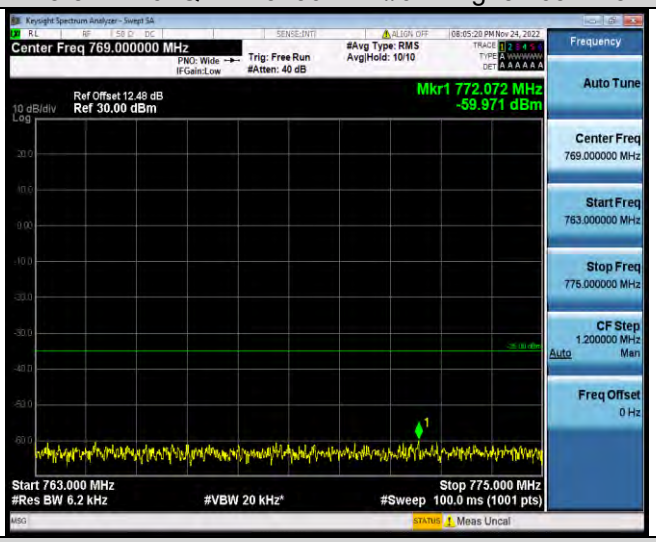
Band13-5MHz-64QAM-23205-1RB#0-Range5:1559~1610MHz



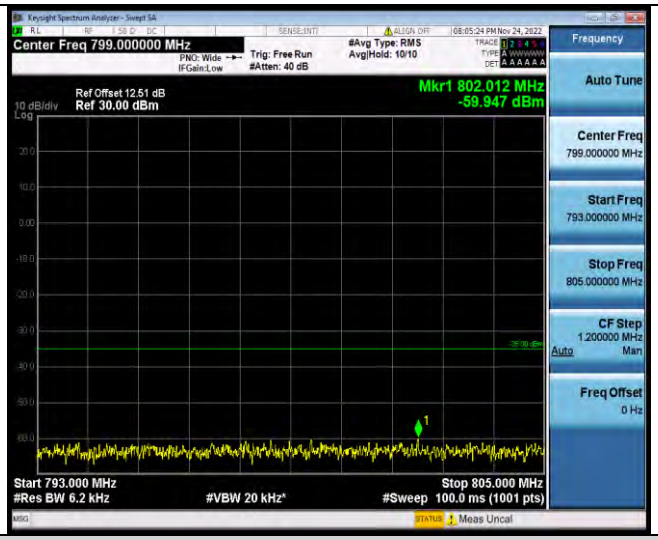
Band13-5MHz-64QAM-23230-1RB#0-Range1:30~1000MHz



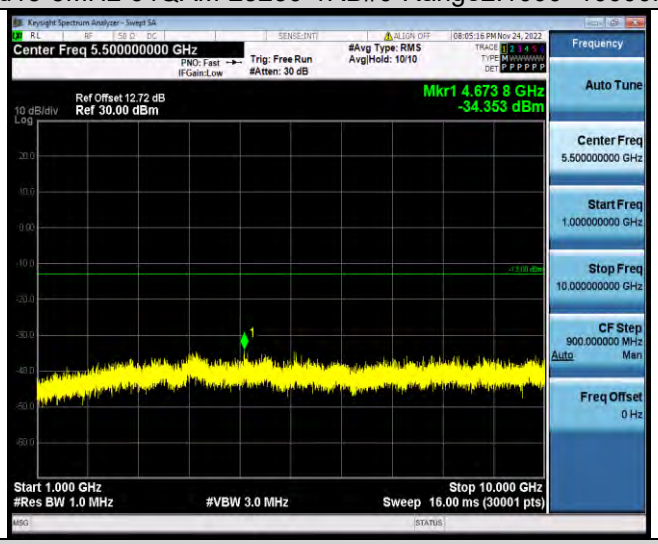
Band13-5MHz-64QAM-23230-1RB#0-Range3:763~775MHz



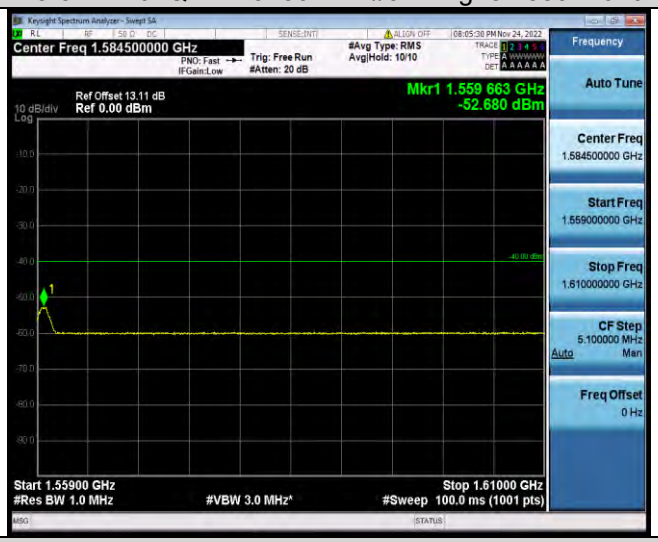
Band13-5MHz-64QAM-23230-1RB#0-Range4:793~805MHz



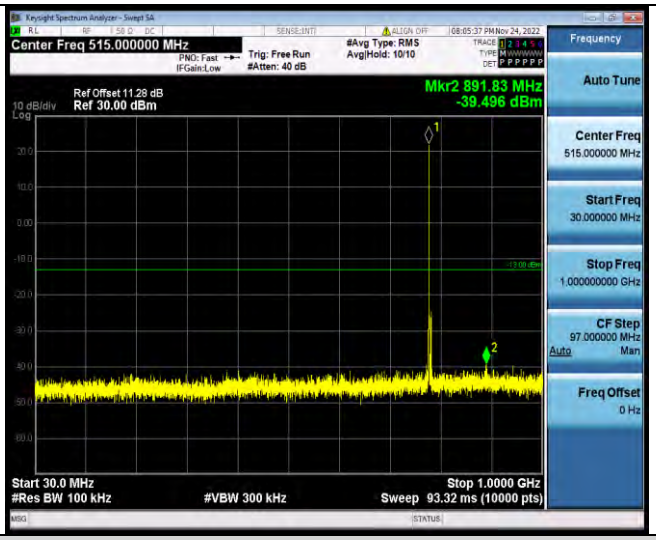
Band13-5MHz-64QAM-23230-1RB#0-Range2:1000~10000MHz



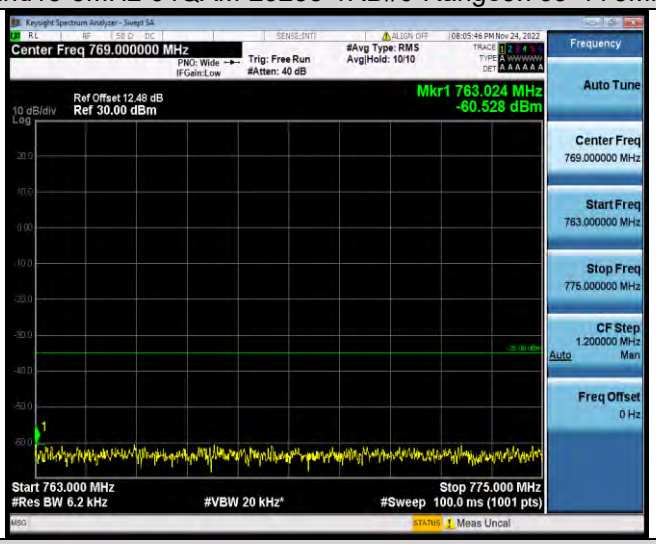
Band13-5MHz-64QAM-23230-1RB#0-Range5:1559~1610MHz



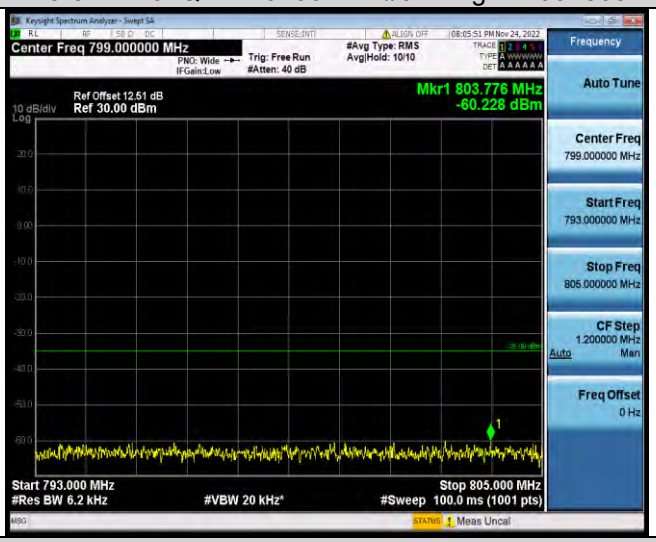
Band13-5MHz-64QAM-23255-1RB#0-Range1:30~1000MHz



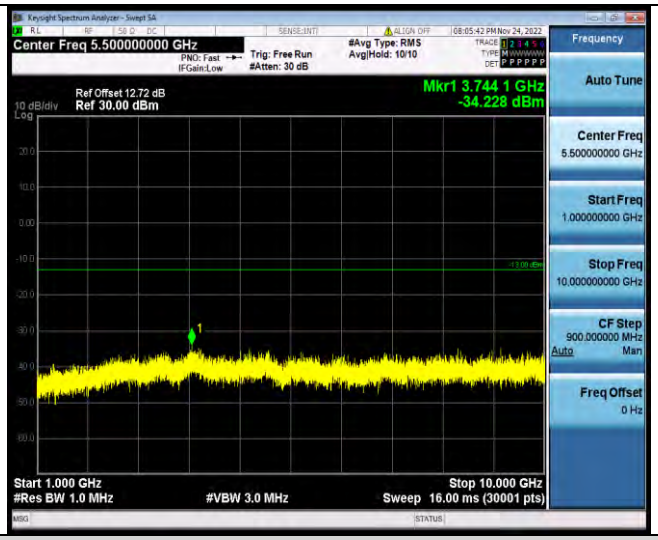
Band13-5MHz-64QAM-23255-1RB#0-Range3:763~775MHz



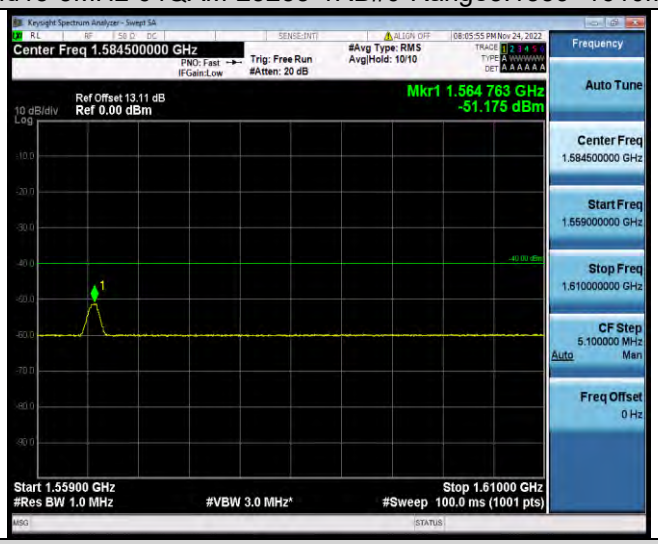
Band13-5MHz-64QAM-23255-1RB#0-Range4:793~805MHz



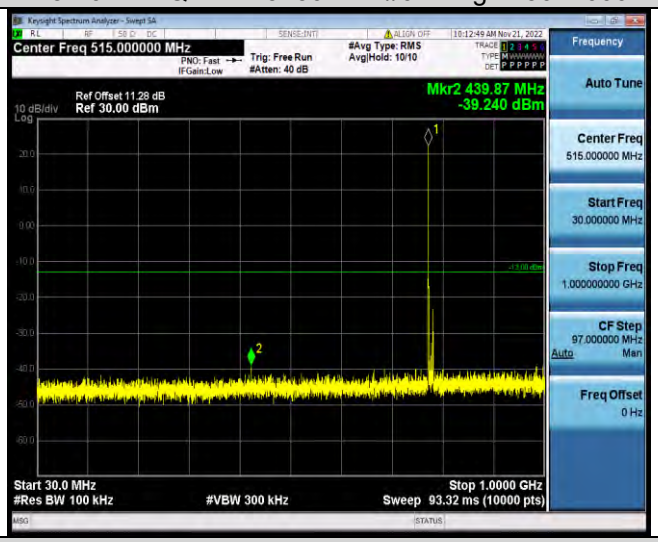
Band13-5MHz-64QAM-23255-1RB#0-Range2:1000~10000MHz



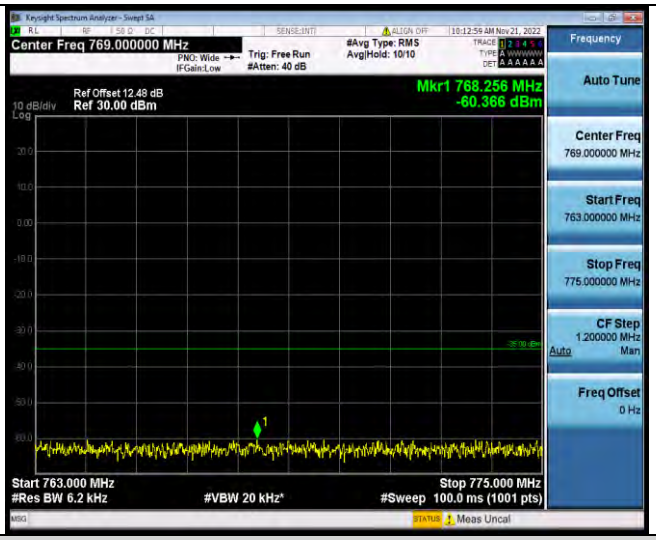
Band13-5MHz-64QAM-23255-1RB#0-Range5:1559~1610MHz



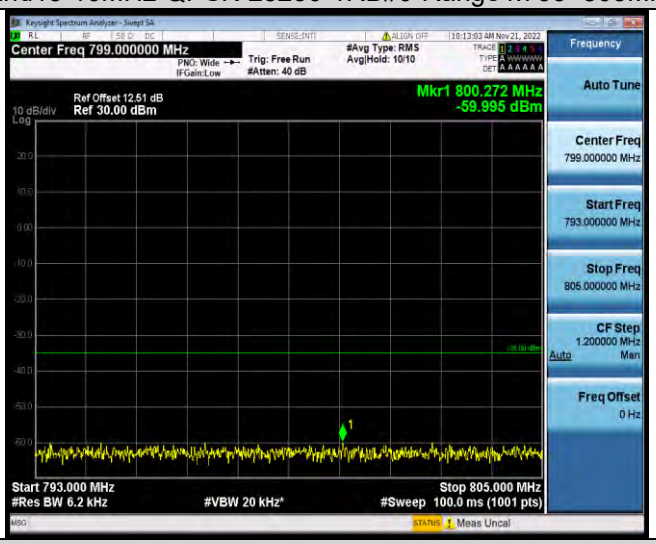
Band13-10MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



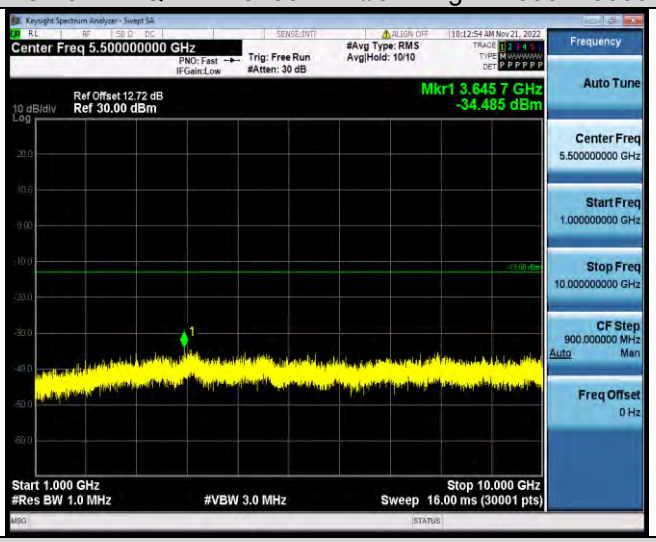
Band13-10MHz-QPSK-23230-1RB#0-Range3:763~775MHz



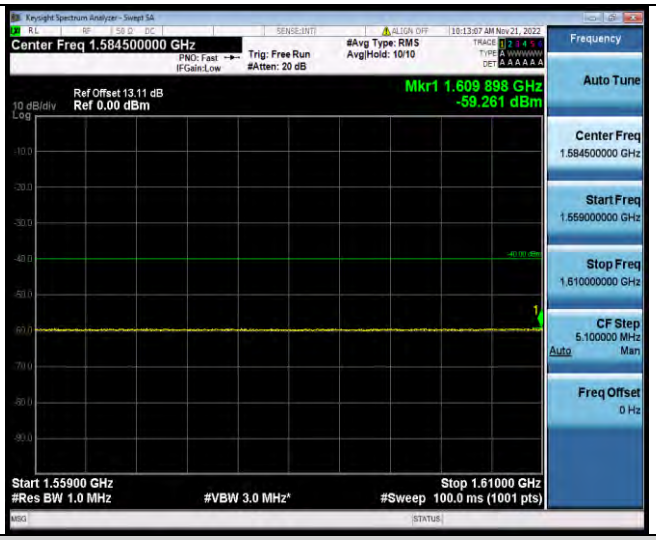
Band13-10MHz-QPSK-23230-1RB#0-Range4:793~805MHz



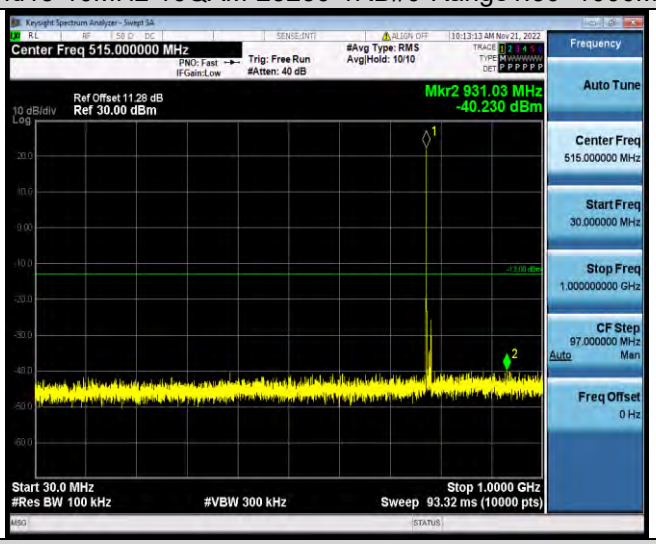
Band13-10MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



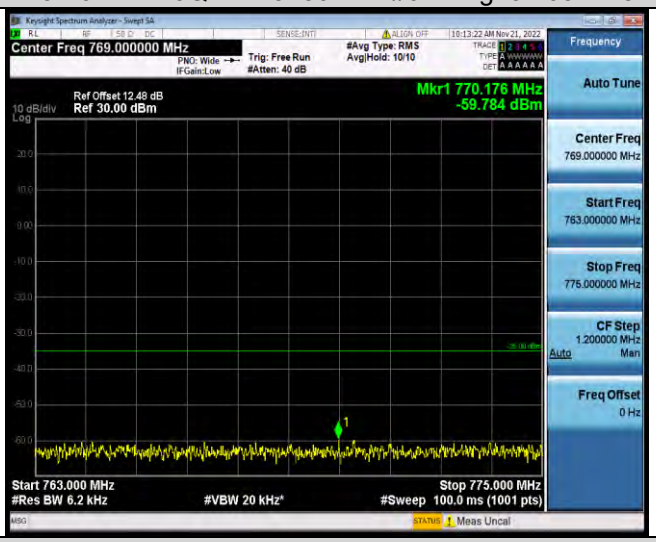
Band13-10MHz-QPSK-23230-1RB#0-Range5:1559~1610MHz



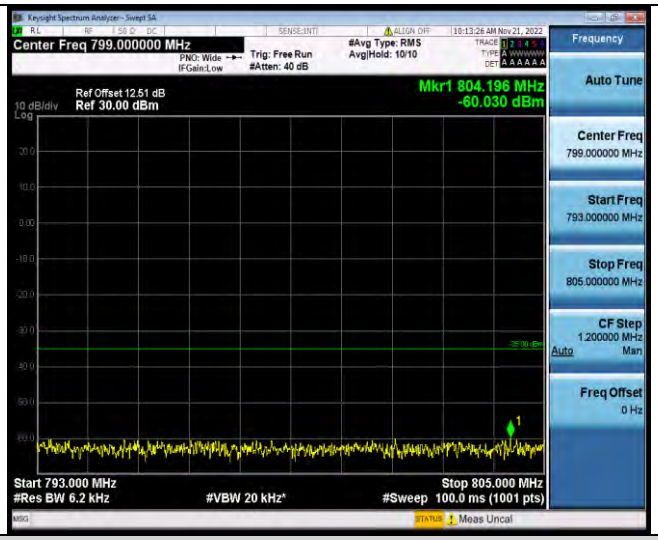
Band13-10MHz-16QAM-23230-1RB#0-Range1:30~1000MHz



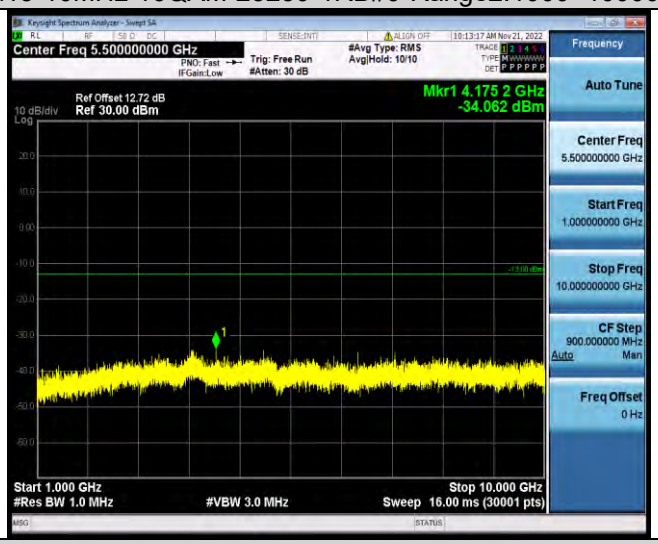
Band13-10MHz-16QAM-23230-1RB#0-Range3:763~775MHz



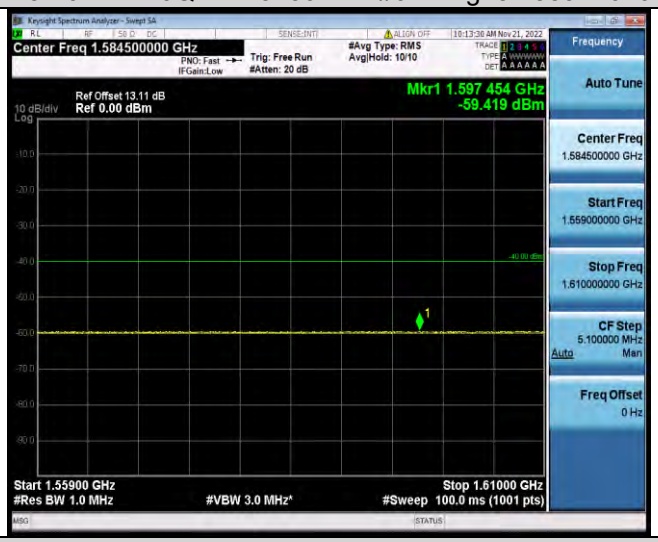
Band13-10MHz-16QAM-23230-1RB#0-Range4:793~805MHz



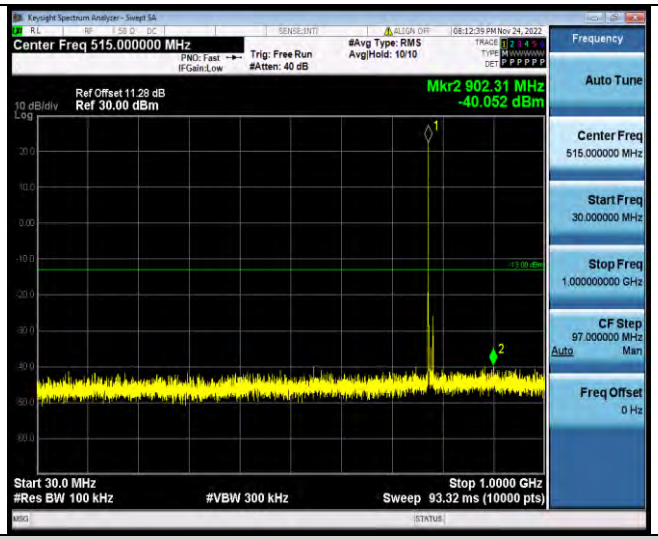
Band13-10MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz



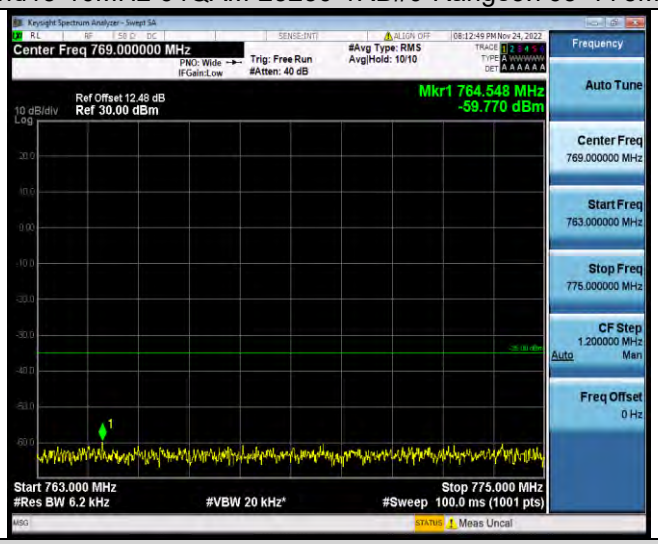
Band13-10MHz-16QAM-23230-1RB#0-Range5:1559~1610MHz



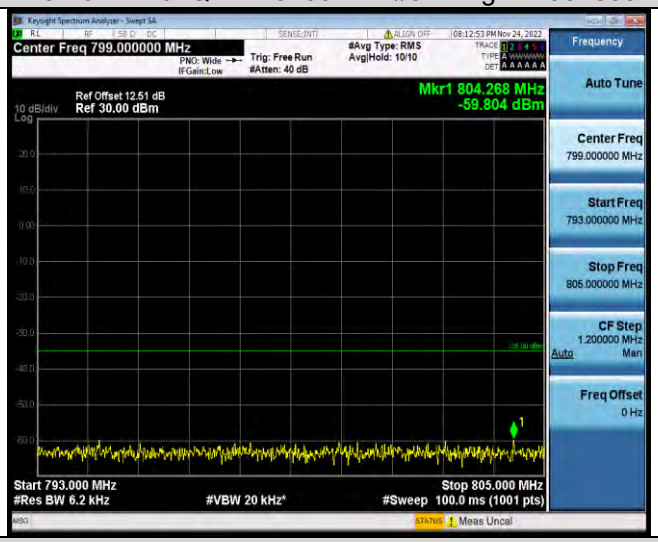
Band13-10MHz-64QAM-23230-1RB#0-Range1:30~1000MHz



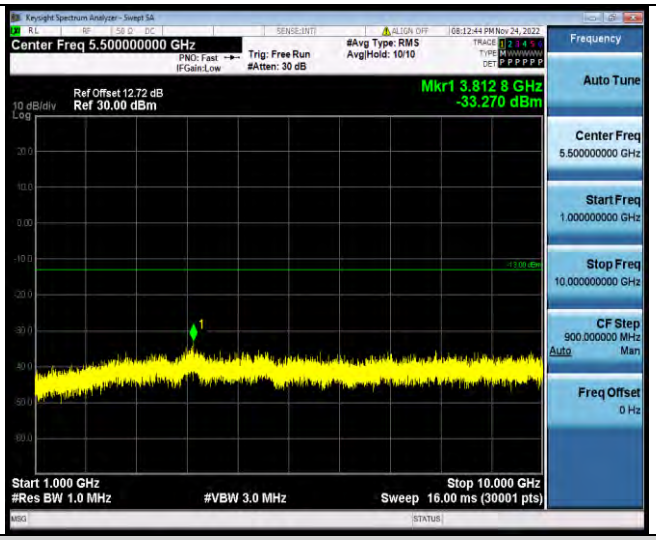
Band13-10MHz-64QAM-23230-1RB#0-Range3:763~775MHz



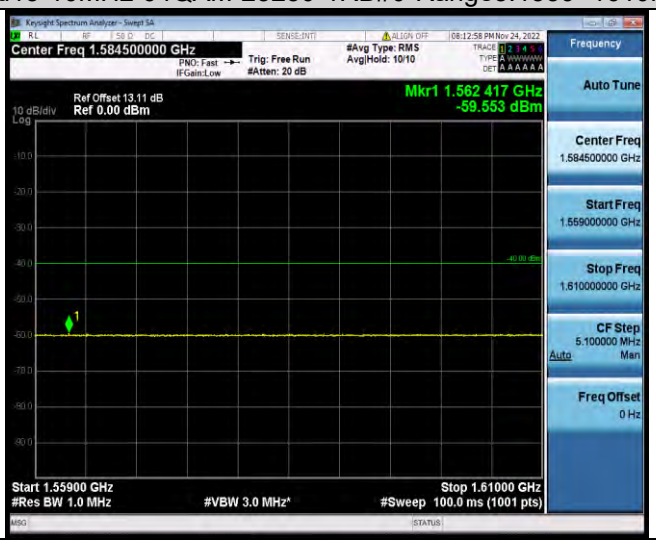
Band13-10MHz-64QAM-23230-1RB#0-Range4:793~805MHz



Band13-10MHz-64QAM-23230-1RB#0-Range2:1000~10000MHz



Band13-10MHz-64QAM-23230-1RB#0-Range5:1559~1610MHz



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	-4.55	-0.005837	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	2.52	0.003233	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-4.16	-0.005337	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	2.57	0.003286	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	5.39	0.006893	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	-2.72	-0.003478	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	4.11	0.005239	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	4.08	0.005201	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	3.46	0.004410	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	3.53	0.004529	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-2.66	-0.003412	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	1.65	0.002117	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	5.92	0.007570	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	6.22	0.007954	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	4.06	0.005192	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	6.12	0.007801	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	6.08	0.007750	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	2.60	0.003314	±2.5	PASS
Band13	5MHz	64QAM	23205	25RB#0	VL	NT	-2.52	-0.003233	±2.5	PASS
Band13	5MHz	64QAM	23205	25RB#0	VN	NT	4.59	0.005888	±2.5	PASS
Band13	5MHz	64QAM	23205	25RB#0	VH	NT	4.36	0.005593	±2.5	PASS

Band13	5MHz	64QAM	23230	25RB#0	VL	NT	4.91	0.006279	±2.5	PASS
Band13	5MHz	64QAM	23230	25RB#0	VN	NT	5.65	0.007225	±2.5	PASS
Band13	5MHz	64QAM	23230	25RB#0	VH	NT	4.68	0.005985	±2.5	PASS
Band13	5MHz	64QAM	23255	25RB#0	VL	NT	4.03	0.005137	±2.5	PASS
Band13	5MHz	64QAM	23255	25RB#0	VN	NT	2.53	0.003225	±2.5	PASS
Band13	5MHz	64QAM	23255	25RB#0	VH	NT	2.27	0.002894	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-2.16	-0.002762	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-2.98	-0.003811	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	2.33	0.002980	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	4.31	0.005512	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	2.86	0.003657	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	2.65	0.003389	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	VL	NT	-2.69	-0.003440	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	VN	NT	-5.42	-0.006931	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	VH	NT	2.70	0.003453	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	-2.05	-0.002630	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	3.59	0.004606	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	2.43	0.003117	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-3.02	-0.003874	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	-1.69	-0.002168	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	2.45	0.003133	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	1.76	0.002251	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	1.57	0.002008	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	4.73	0.006049	±2.5	PASS

Band13	5MHz	QPSK	23230	25RB#0	NV	20	4.78	0.006113	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	3.62	0.004614	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	3.58	0.004563	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	6.02	0.007674	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	6.38	0.008133	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	5.69	0.007253	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	3.55	0.004554	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	3.60	0.004618	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	4.16	0.005337	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-2.62	-0.003361	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-2.35	-0.003015	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	2.66	0.003402	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	2.55	0.003261	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	1.65	0.002110	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	4.01	0.005128	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	3.79	0.004847	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	1.70	0.002167	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	3.96	0.005048	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	0	-1.65	-0.002103	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	5.48	0.006985	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	-1.59	-0.002027	±2.5	PASS
Band13	5MHz	64QAM	23205	25RB#0	NV	-30	3.83	0.004913	±2.5	PASS
Band13	5MHz	64QAM	23205	25RB#0	NV	-20	2.55	0.003271	±2.5	PASS
Band13	5MHz	64QAM	23205	25RB#0	NV	0	-4.19	-0.005375	±2.5	PASS
Band13	5MHz	64QAM	23205	25RB#0	NV	10	-1.66	-0.002130	±2.5	PASS
Band13	5MHz	64QAM	23205	25RB#0	NV	20	-4.02	-0.005157	±2.5	PASS
Band1	5MHz	64QAM	23230	25RB#0	NV	-30	4.51	0.005767	±2.5	PASS

3										
Band13	5MHz	64QAM	23230	25RB#0	NV	-20	3.03	0.003875	±2.5	PASS
Band13	5MHz	64QAM	23230	25RB#0	NV	0	4.32	0.005524	±2.5	PASS
Band13	5MHz	64QAM	23230	25RB#0	NV	10	3.86	0.004936	±2.5	PASS
Band13	5MHz	64QAM	23230	25RB#0	NV	20	4.32	0.005524	±2.5	PASS
Band13	5MHz	64QAM	23255	25RB#0	NV	-30	1.24	0.001581	±2.5	PASS
Band13	5MHz	64QAM	23255	25RB#0	NV	-20	-8.71	-0.011103	±2.5	PASS
Band13	5MHz	64QAM	23255	25RB#0	NV	0	3.30	0.004207	±2.5	PASS
Band13	5MHz	64QAM	23255	25RB#0	NV	10	6.09	0.007763	±2.5	PASS
Band13	5MHz	64QAM	23255	25RB#0	NV	20	3.18	0.004054	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	4.22	0.005396	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	3.12	0.003990	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	3.65	0.004668	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	4.09	0.005230	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	4.28	0.005473	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	-6.92	-0.008849	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	2.13	0.002724	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	2.50	0.003197	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	-3.00	-0.003836	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	2.82	0.003606	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	-30	1.60	0.002046	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	-20	5.05	0.006458	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	0	1.97	0.002519	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	10	1.60	0.002046	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	20	5.05	0.006458	±2.5	PASS

LTE BAND41 (INDCLUDING LTE BAND38)

PEAK-TO-AVERAGE RATIO(CCDF)

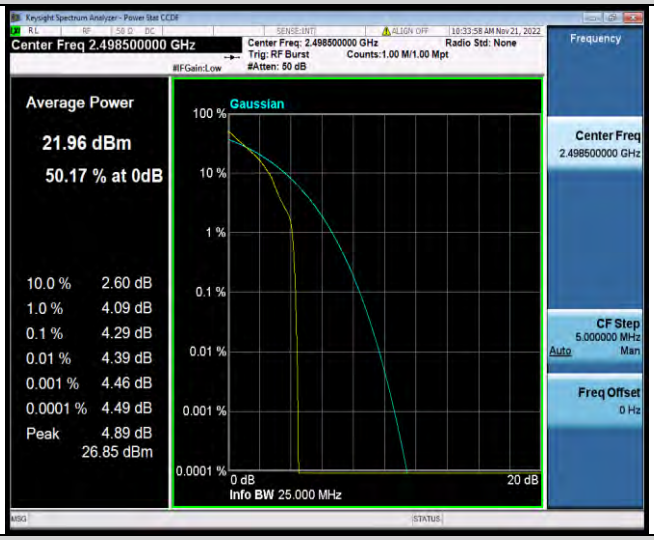
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	4.29	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	5.47	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	4.12	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.18	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	4.22	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.93	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	5.20	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	6.02	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	4.98	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.43	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	4.75	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	6.46	13	PASS
Band41	5MHz	64QAM	39675	1RB#0	6.12	13	PASS
Band41	5MHz	64QAM	39675	25RB#0	6.43	13	PASS
Band41	5MHz	64QAM	40620	1RB#0	5.91	13	PASS
Band41	5MHz	64QAM	40620	25RB#0	6.67	13	PASS
Band41	5MHz	64QAM	41565	1RB#0	5.91	13	PASS
Band41	5MHz	64QAM	41565	25RB#0	6.64	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	4.71	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	4.80	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	4.70	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	4.81	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	4.55	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	4.63	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	5.23	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	5.69	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	5.04	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	5.69	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	5.03	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	5.51	13	PASS
Band41	10MHz	64QAM	39700	1RB#0	6.09	13	PASS
Band41	10MHz	64QAM	39700	50RB#0	6.84	13	PASS
Band41	10MHz	64QAM	40620	1RB#0	5.88	13	PASS
Band41	10MHz	64QAM	40620	50RB#0	6.47	13	PASS
Band41	10MHz	64QAM	41540	1RB#0	6.04	13	PASS
Band41	10MHz	64QAM	41540	50RB#0	7.44	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	4.64	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.02	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	4.48	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	5.04	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	4.54	13	PASS

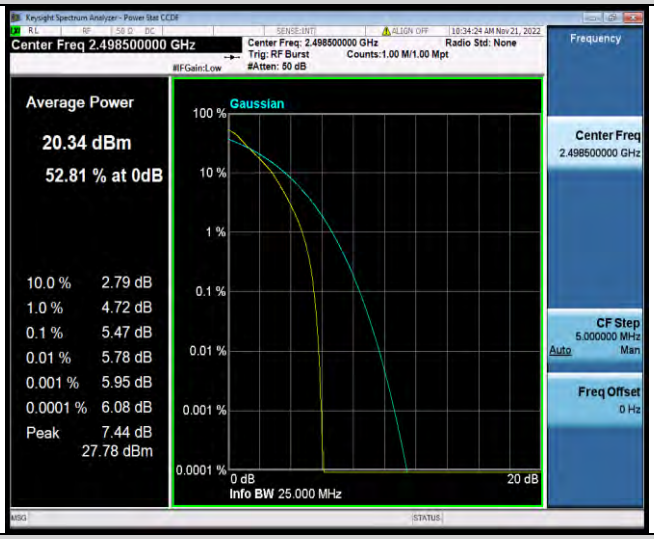
Band41	15MHz	QPSK	41515	75RB#0	4.95	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	5.43	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	5.79	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	5.40	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	5.81	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	5.07	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	5.72	13	PASS
Band41	15MHz	64QAM	39725	1RB#0	6.22	13	PASS
Band41	15MHz	64QAM	39725	75RB#0	6.19	13	PASS
Band41	15MHz	64QAM	40620	1RB#0	5.72	13	PASS
Band41	15MHz	64QAM	40620	75RB#0	6.29	13	PASS
Band41	15MHz	64QAM	41515	1RB#0	6.03	13	PASS
Band41	15MHz	64QAM	41515	75RB#0	6.25	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	4.40	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	4.94	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	4.45	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.00	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	4.60	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	4.90	13	PASS
Band41	20MHz	16QAM	39750	1RB#0	5.04	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	5.72	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	5.23	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	5.86	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	5.48	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	5.71	13	PASS
Band41	20MHz	64QAM	39750	1RB#0	6.60	13	PASS
Band41	20MHz	64QAM	39750	100RB#0	6.24	13	PASS
Band41	20MHz	64QAM	40620	1RB#0	6.31	13	PASS
Band41	20MHz	64QAM	40620	100RB#0	6.27	13	PASS
Band41	20MHz	64QAM	41490	1RB#0	6.48	13	PASS
Band41	20MHz	64QAM	41490	100RB#0	6.32	13	PASS

Test Graphs

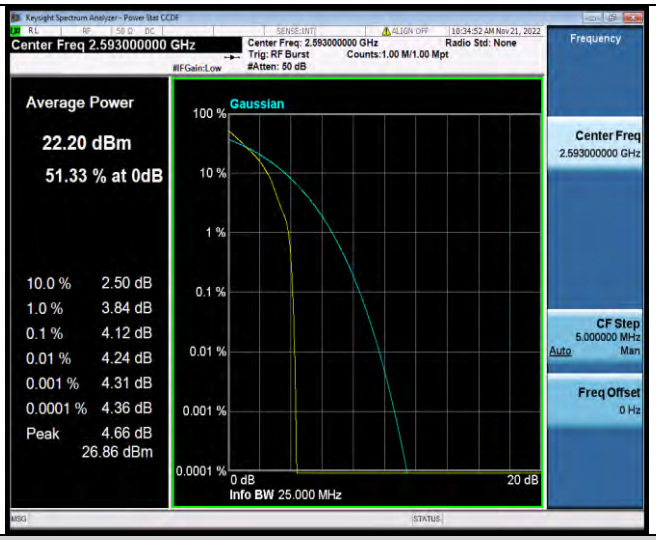
Band41-5MHz-QPSK-39675-1RB#0



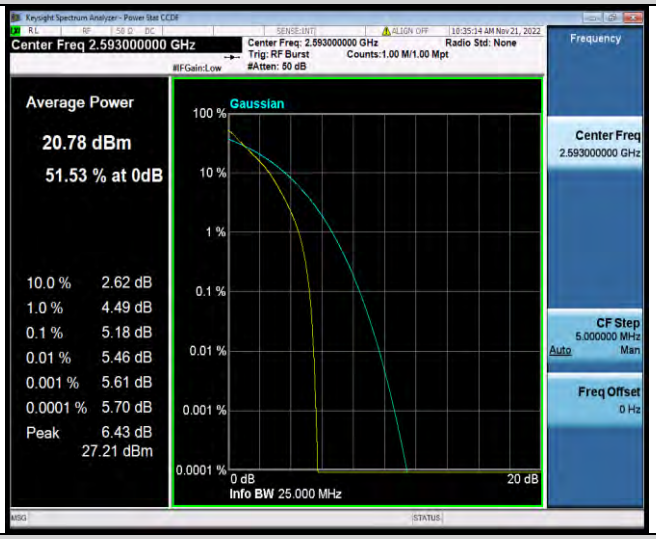
Band41-5MHz-QPSK-39675-25RB#0



Band41-5MHz-QPSK-40620-1RB#0



Band41-5MHz-QPSK-40620-25RB#0



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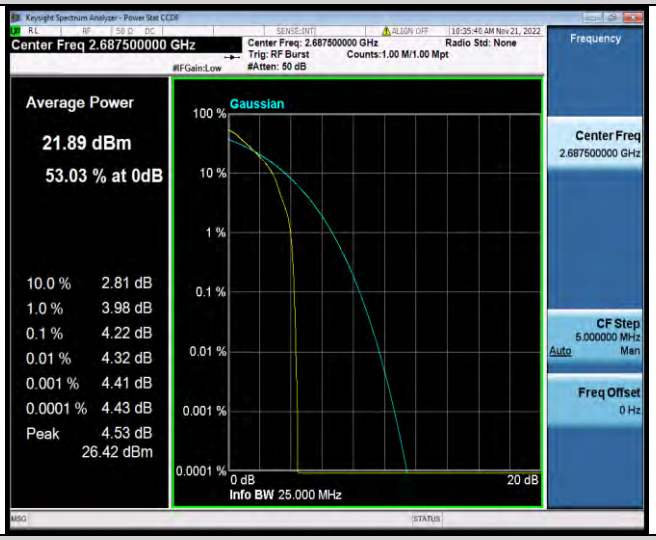

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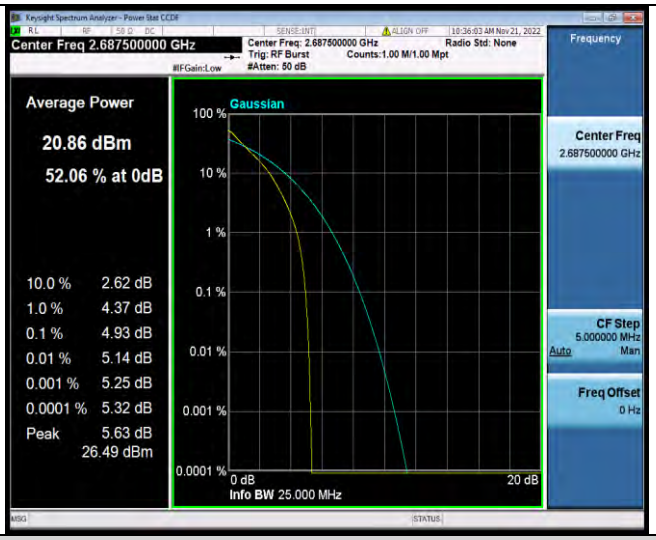
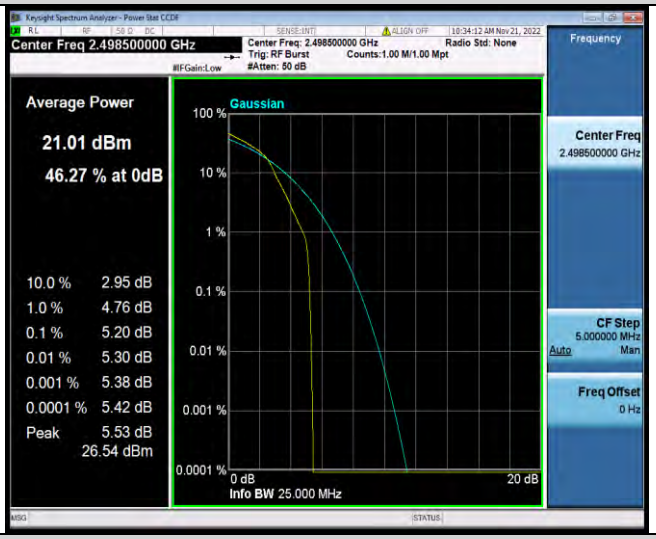


Band41-5MHz-16QAM-39675-1RB#0



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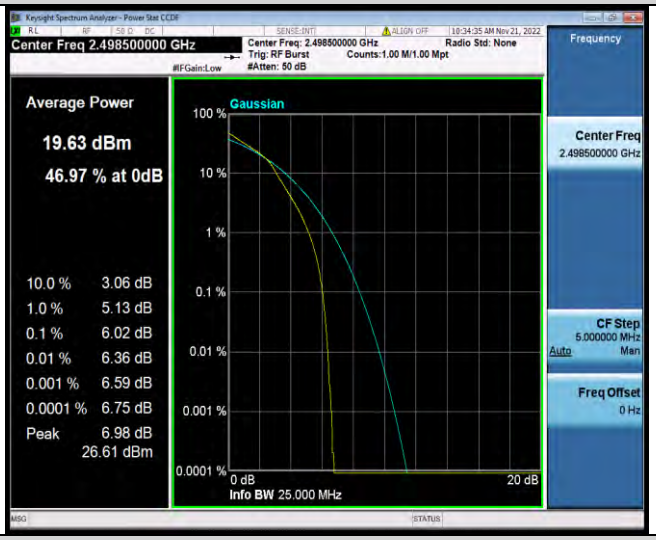

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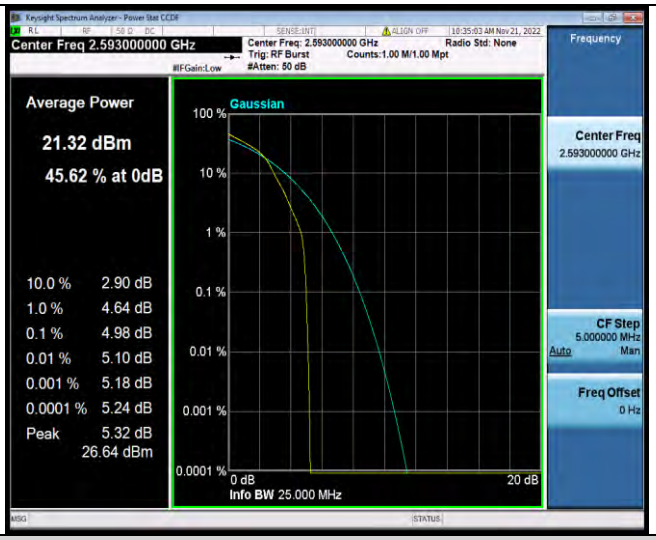

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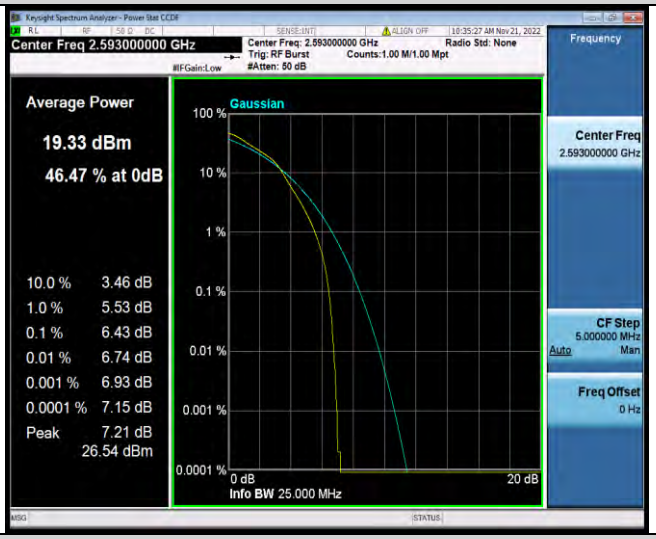
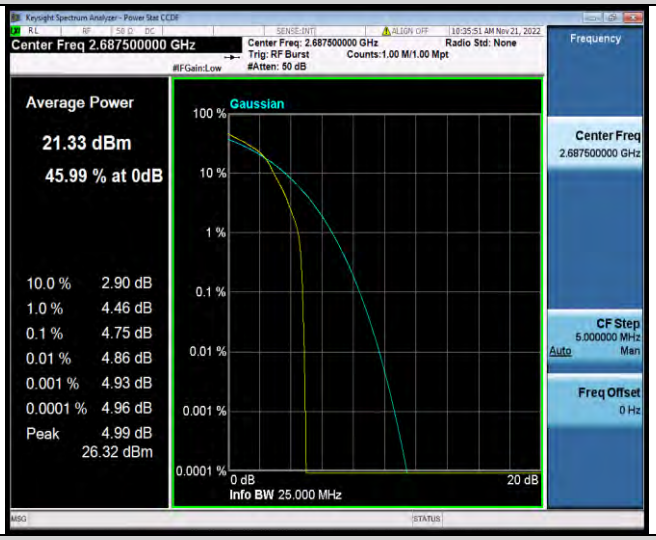
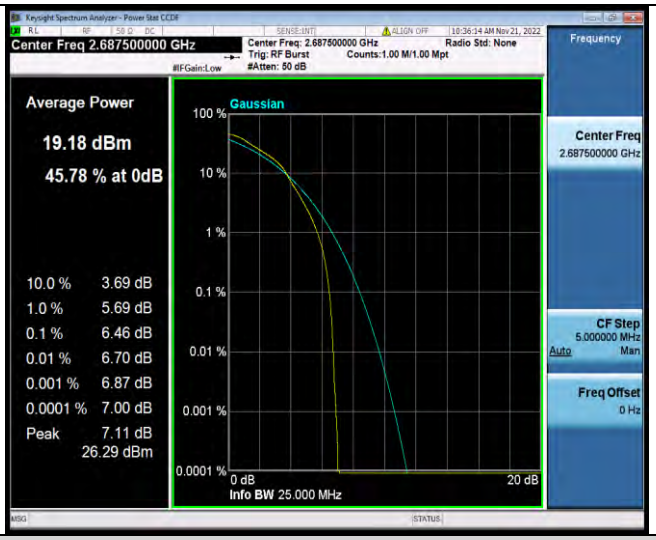


Band41-5MHz-16QAM-41565-1RB#0



Band41-5MHz-16QAM-41565-25RB#0



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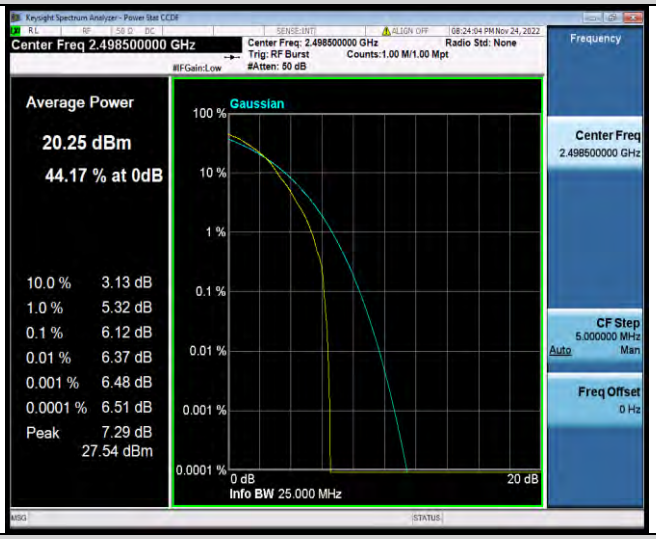

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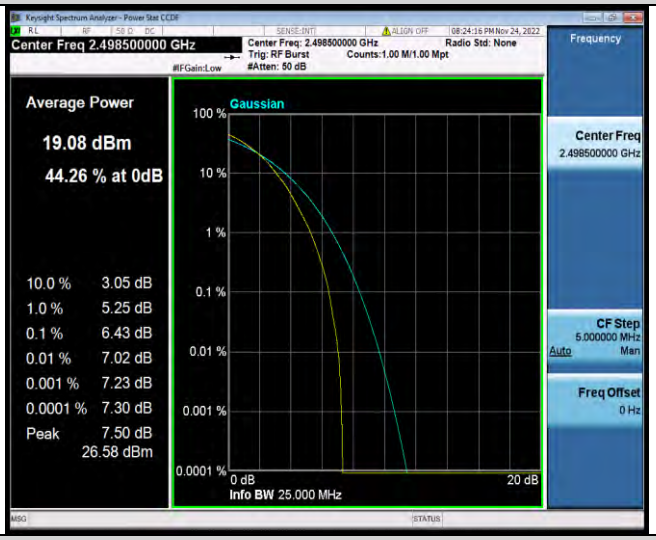

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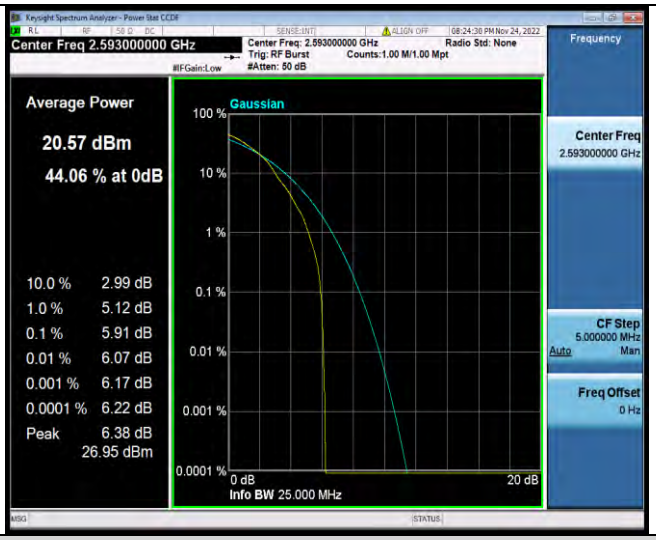

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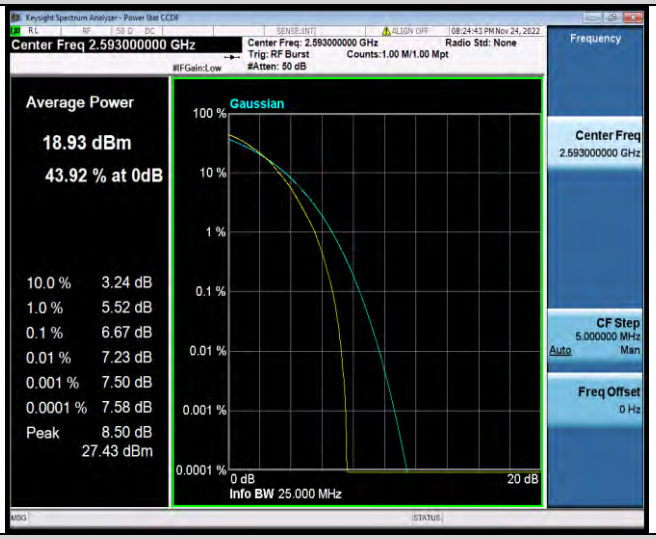

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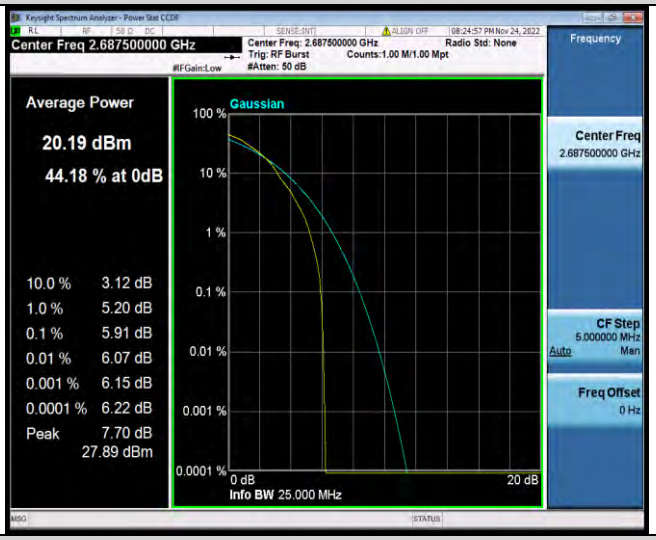

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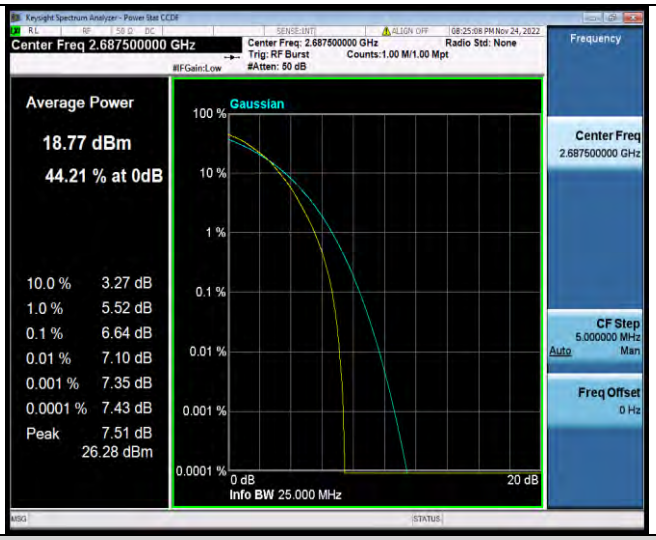
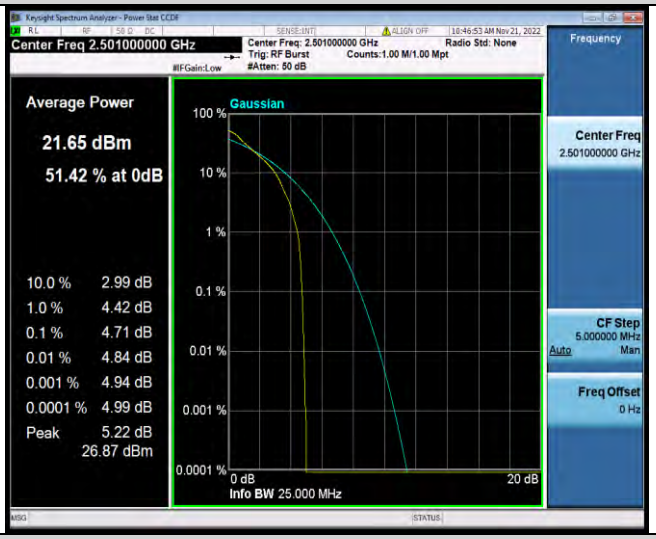


Band41-10MHz-QPSK-39700-1RB#0



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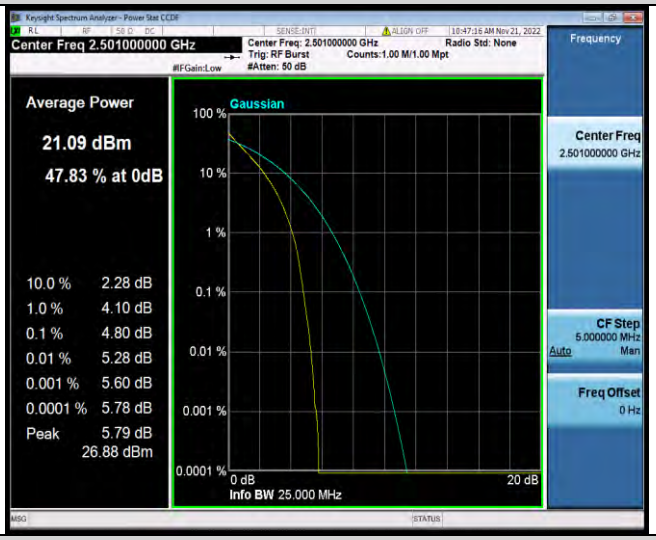

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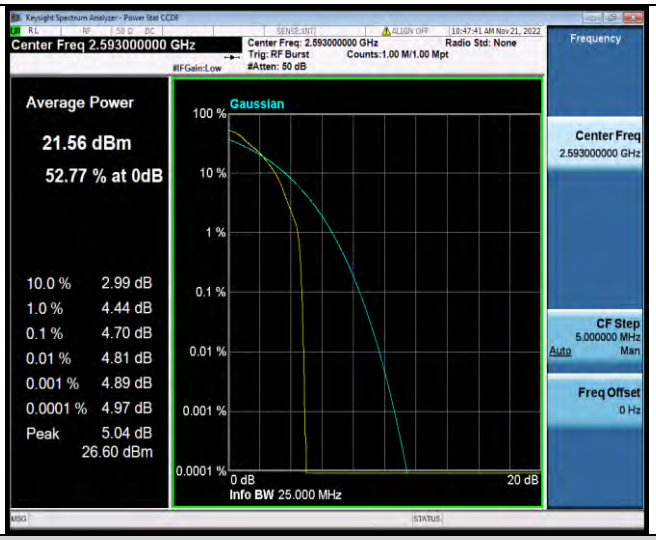

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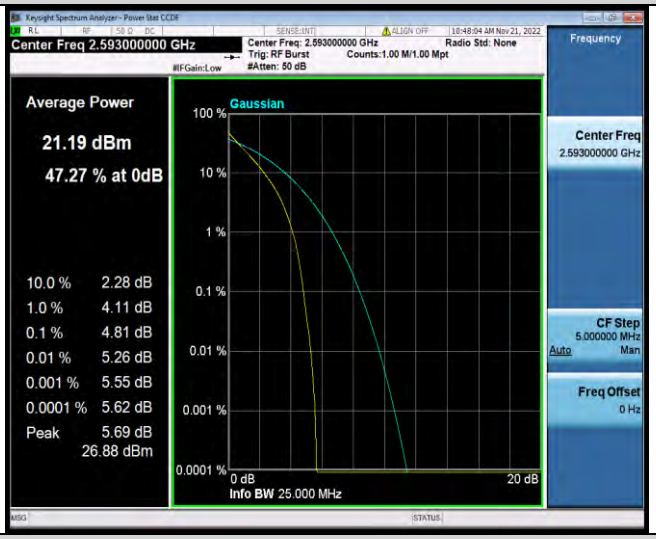

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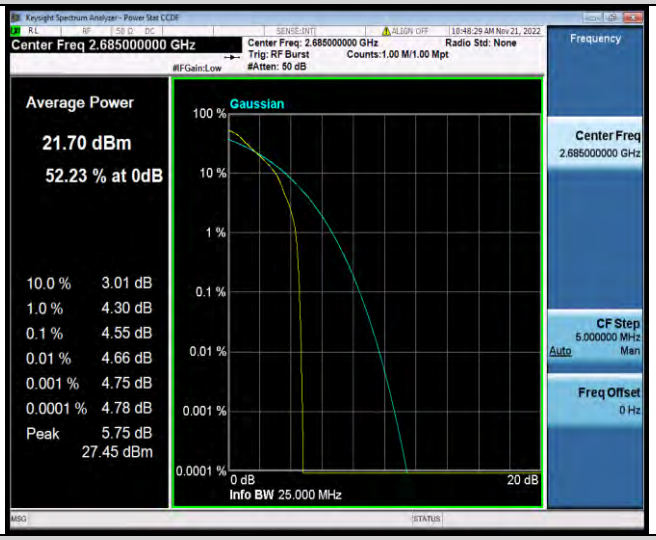

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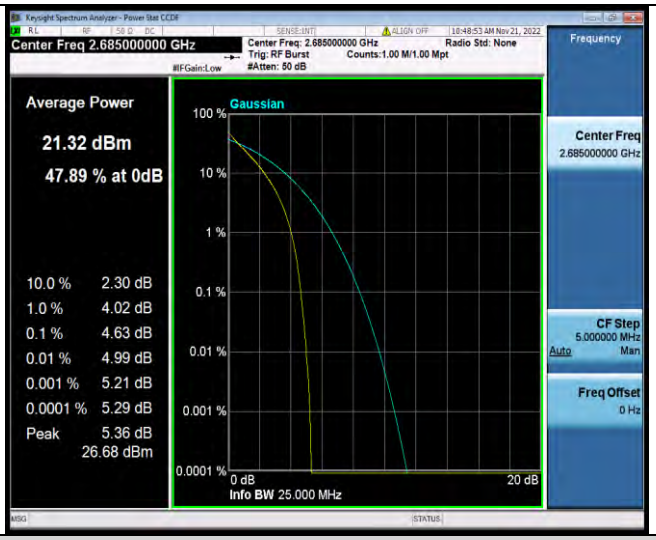

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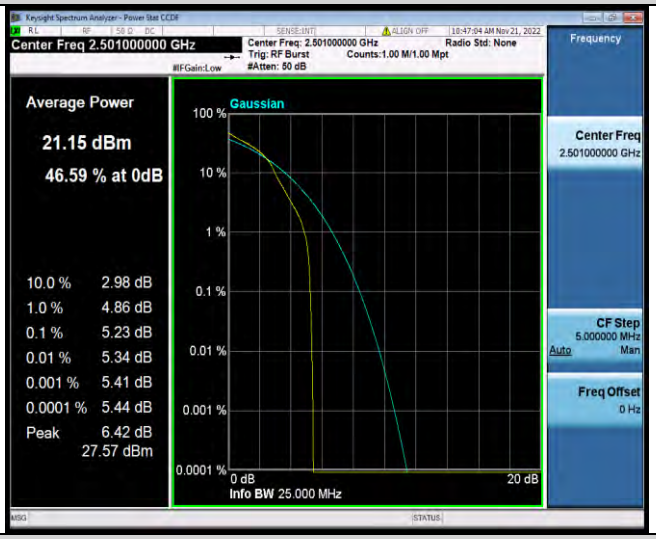

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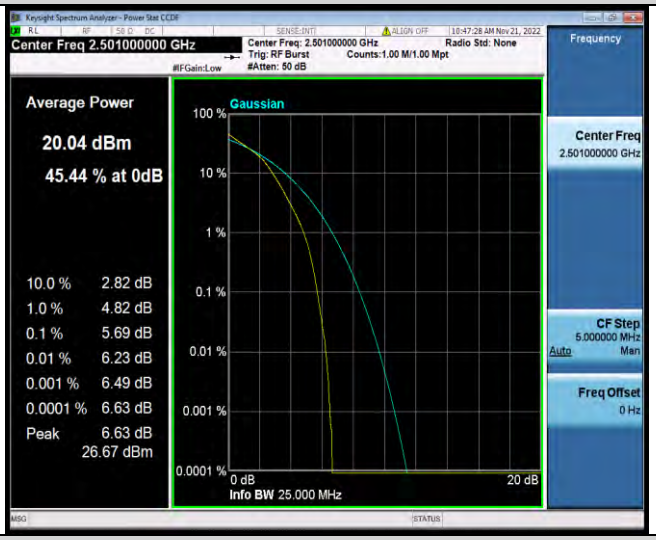

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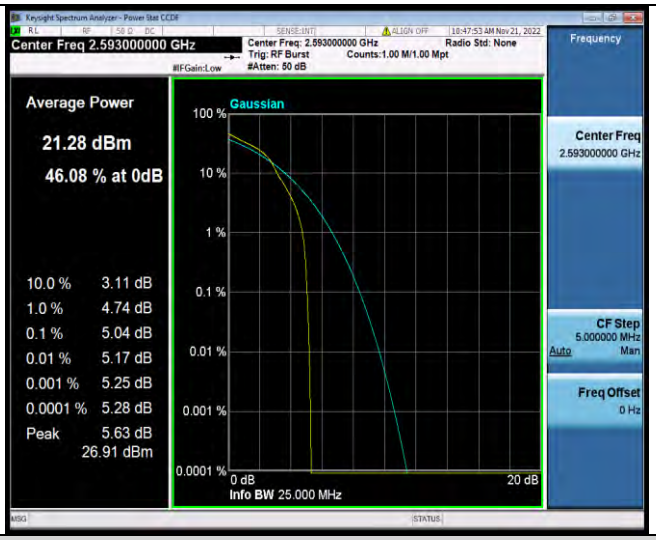

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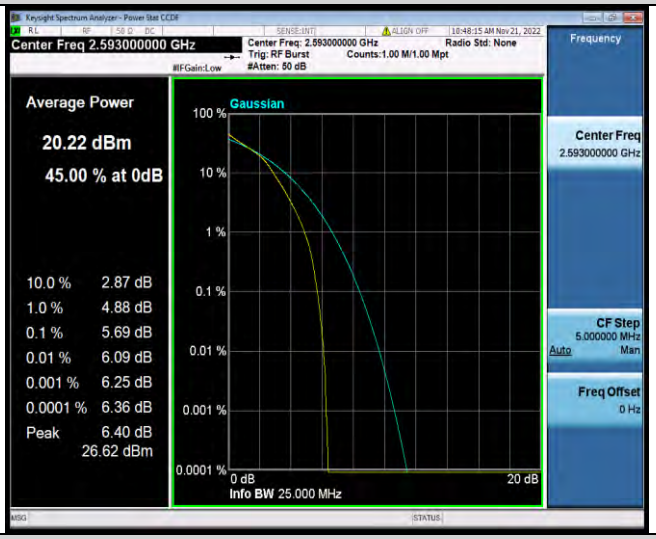

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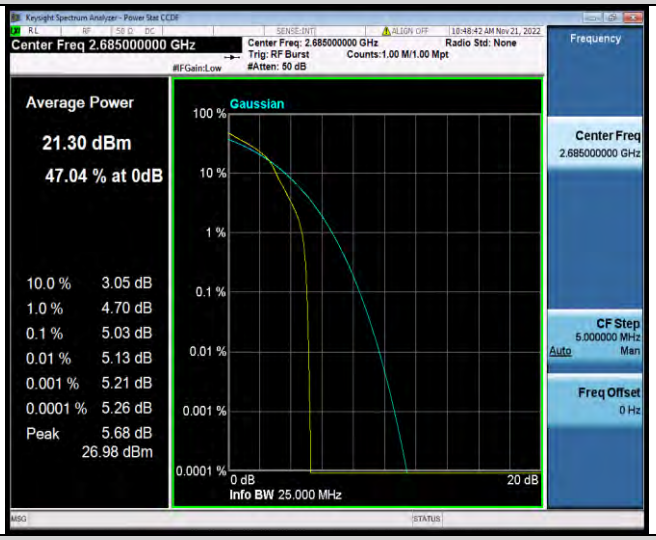

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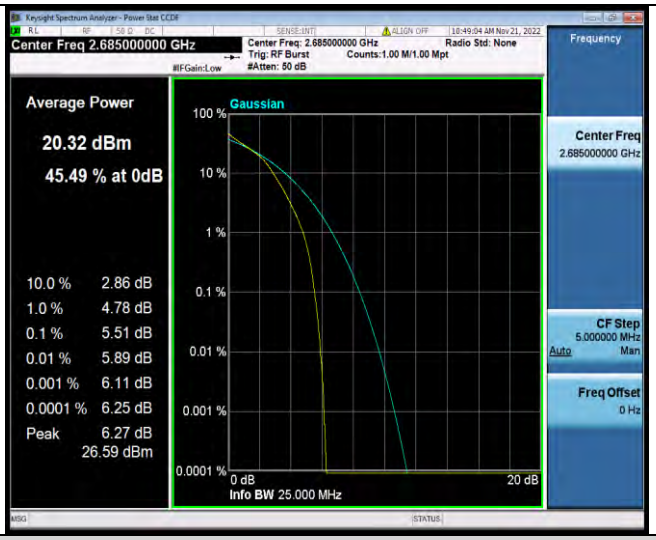

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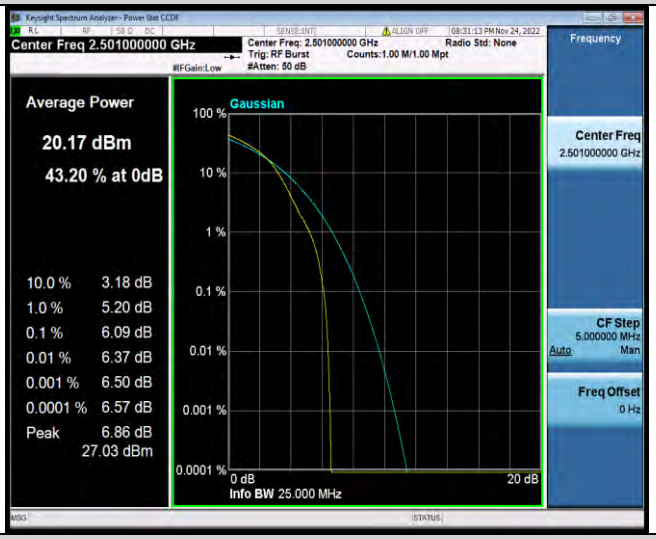

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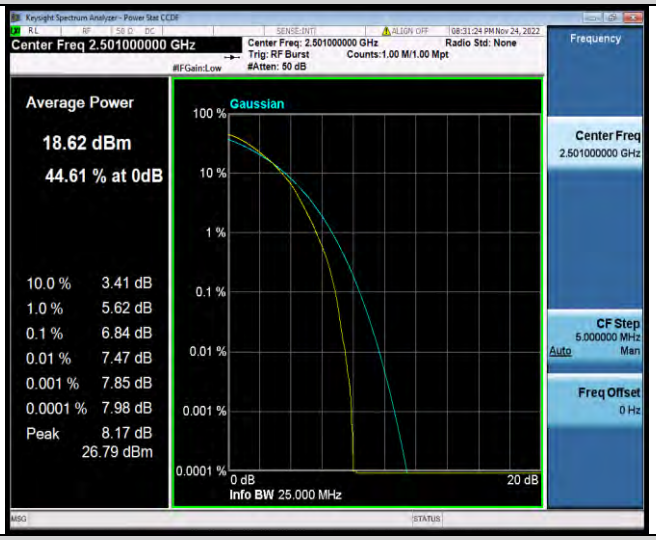

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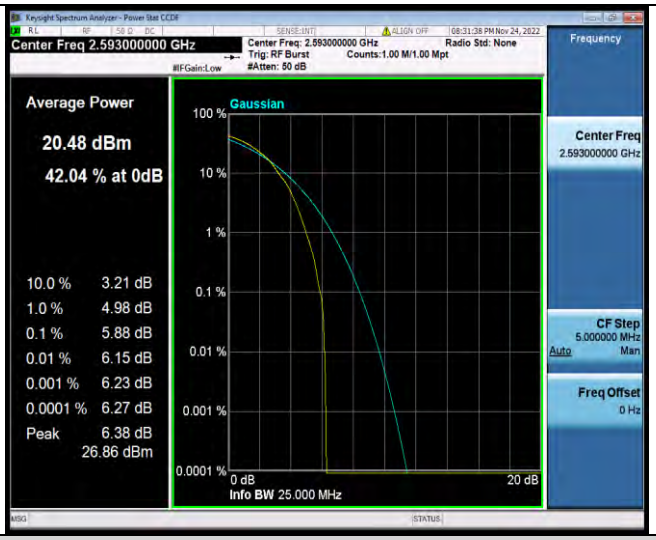
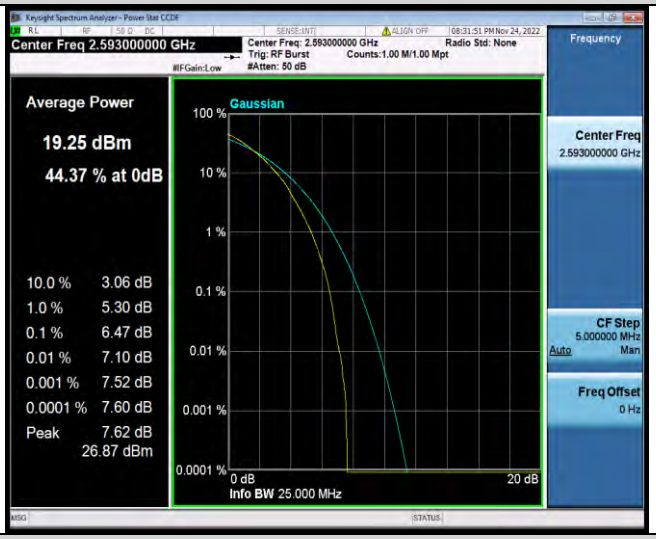
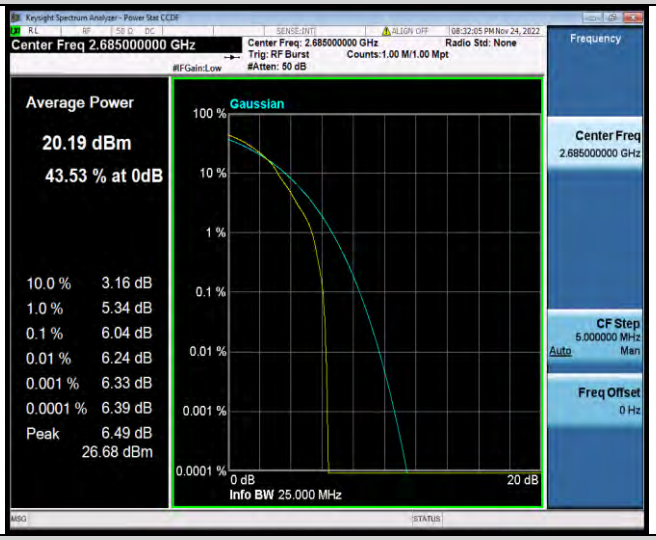


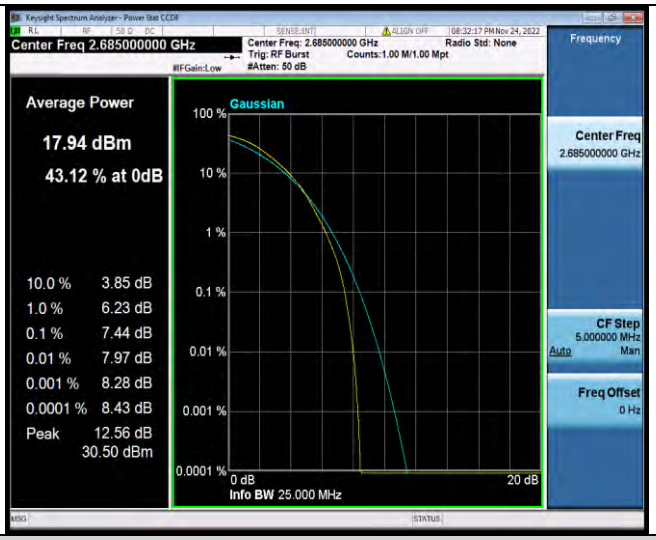
Band41-10MHz-64QAM-40620-50RB#0



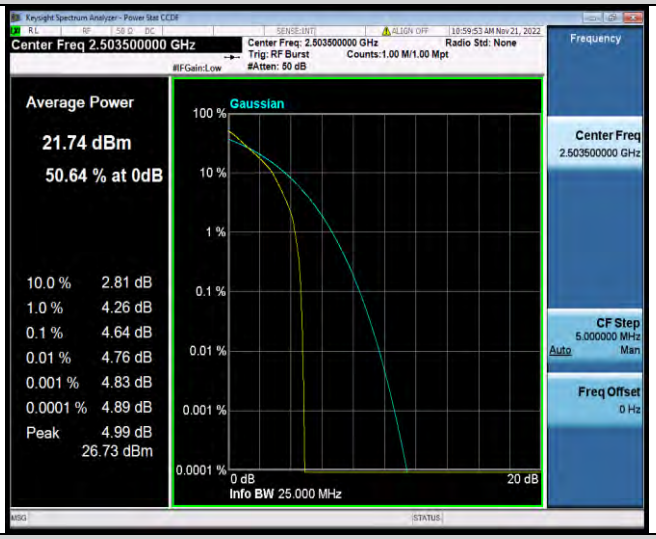
Band41-10MHz-64QAM-41540-1RB#0



Band41-10MHz-64QAM-41540-50RB#0



Band41-15MHz-QPSK-39725-1RB#0



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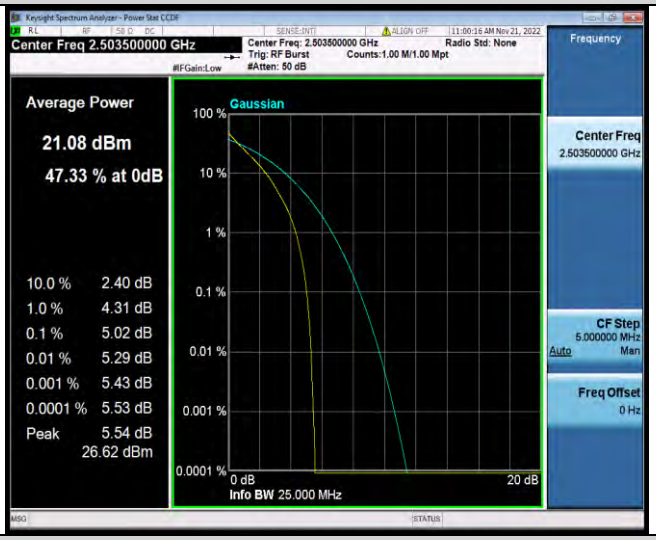
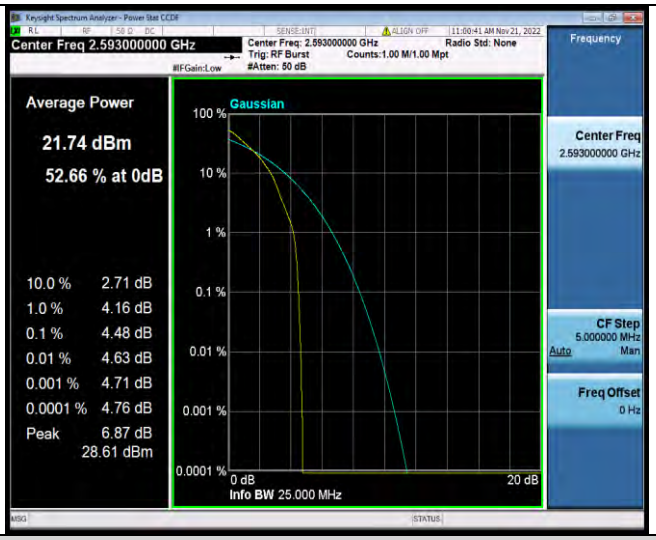
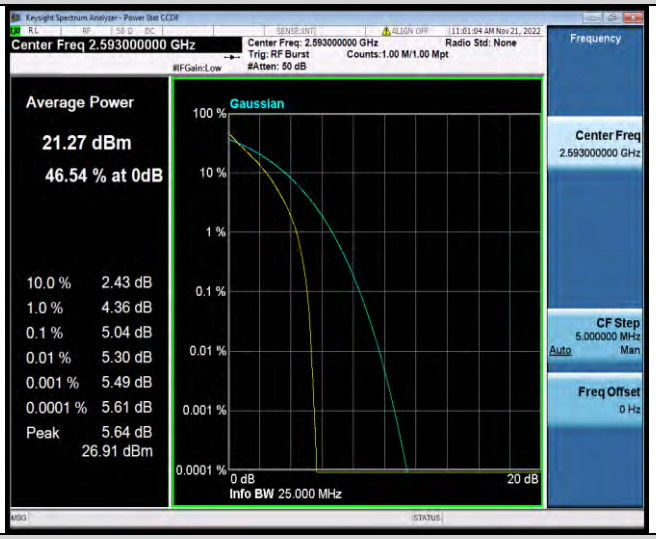


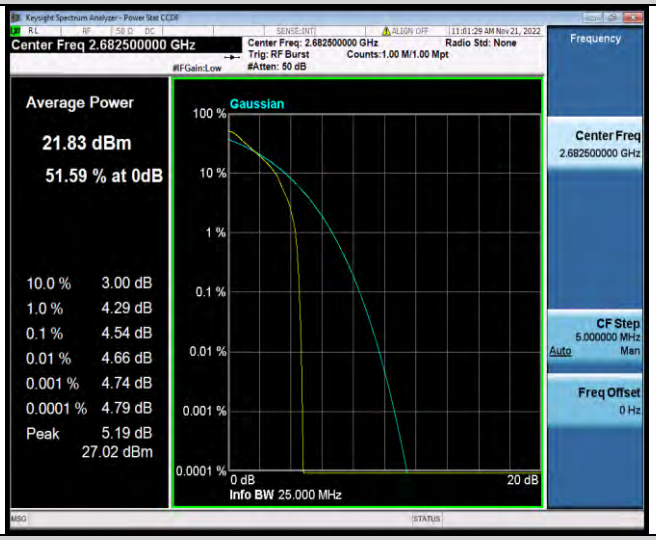
Band41-15MHz-QPSK-40620-1RB#0



Band41-15MHz-QPSK-40620-75RB#0



Band41-15MHz-QPSK-41515-1RB#0



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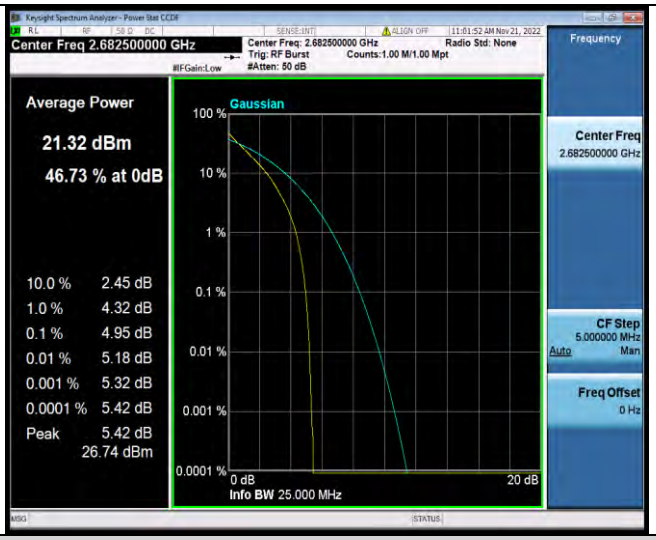
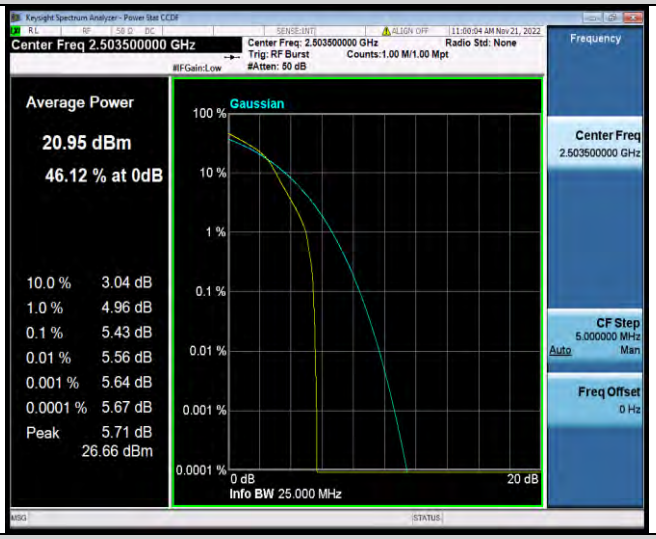


Band41-15MHz-16QAM-39725-1RB#0



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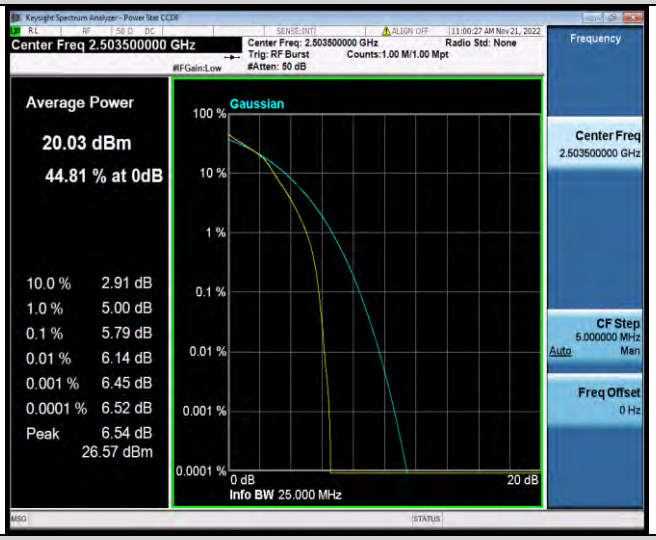

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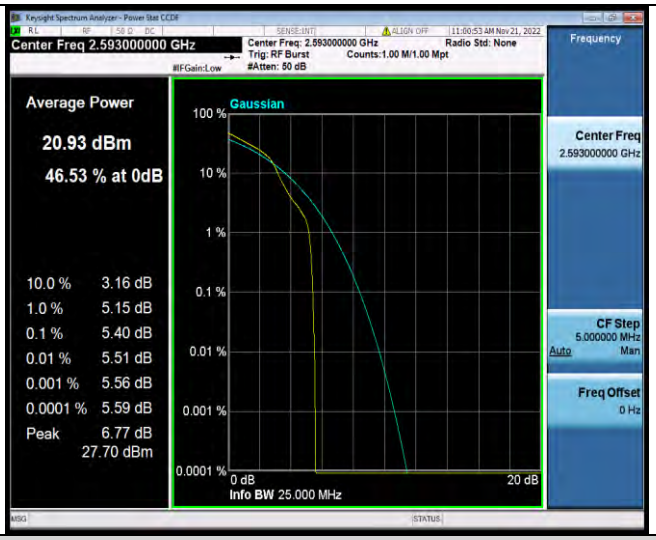
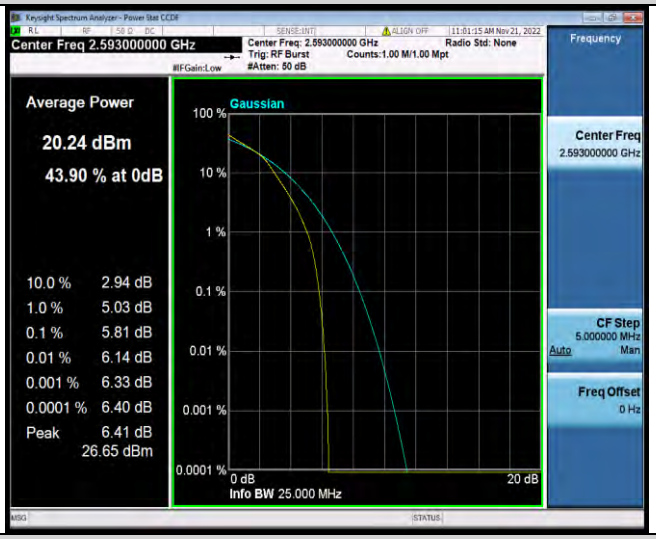


Band41-15MHz-16QAM-40620-75RB#0



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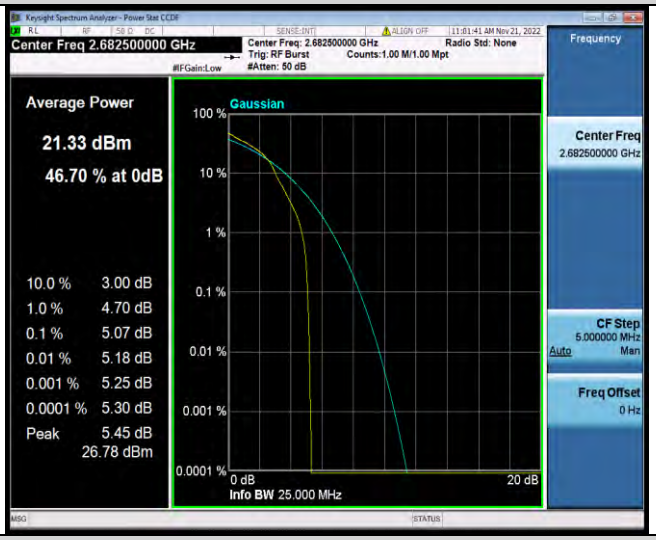

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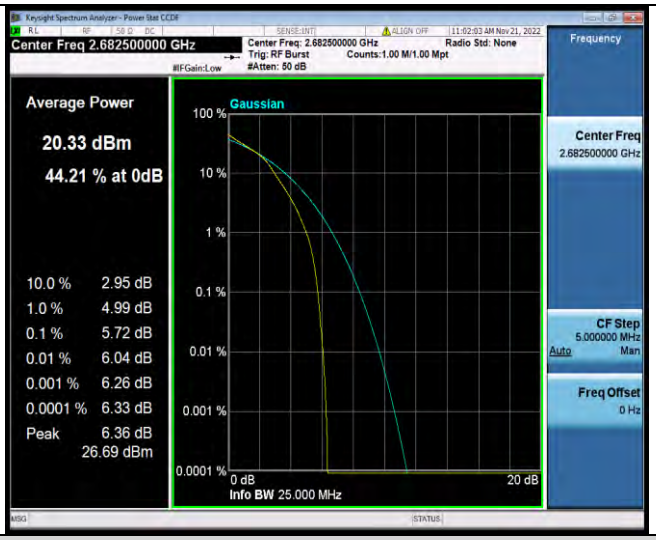
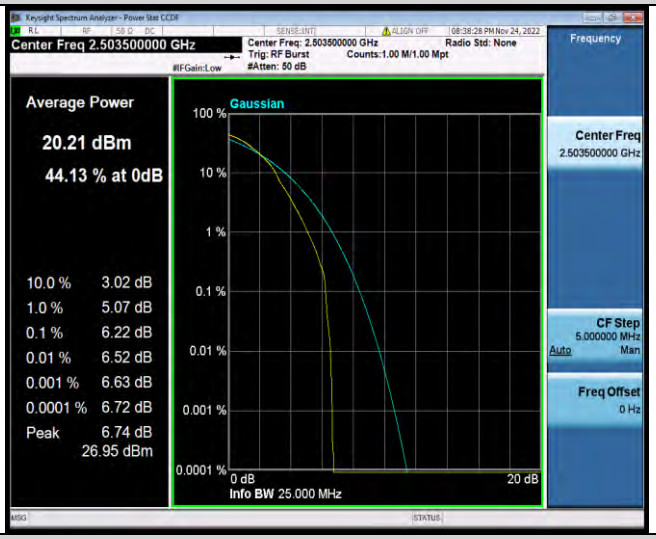


Band41-15MHz-64QAM-39725-1RB#0



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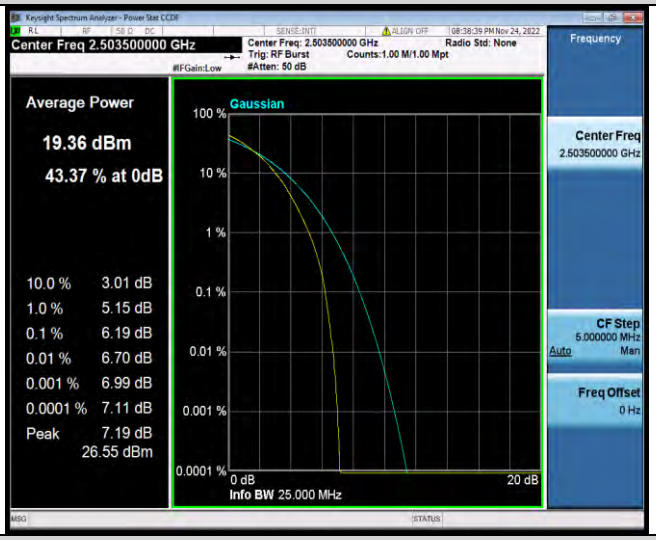

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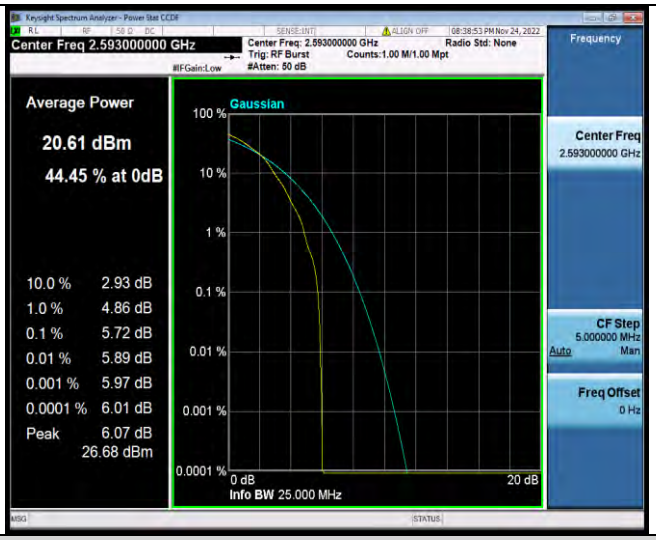

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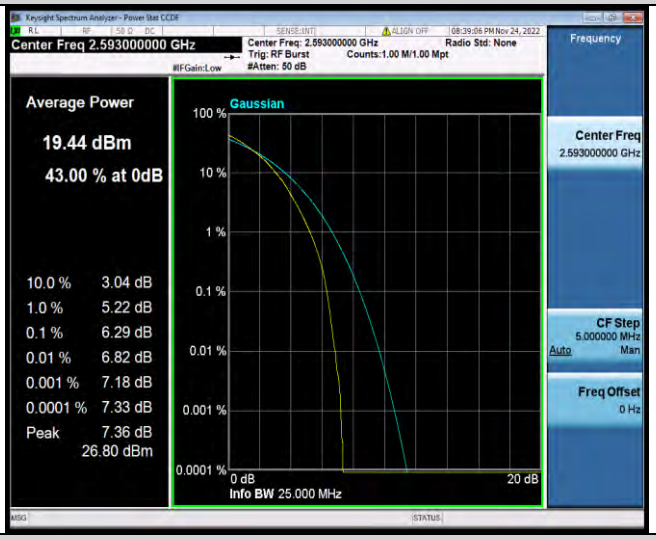
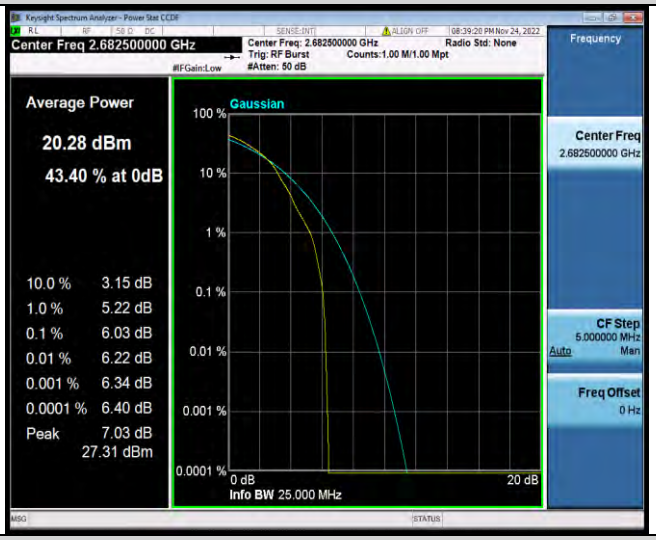
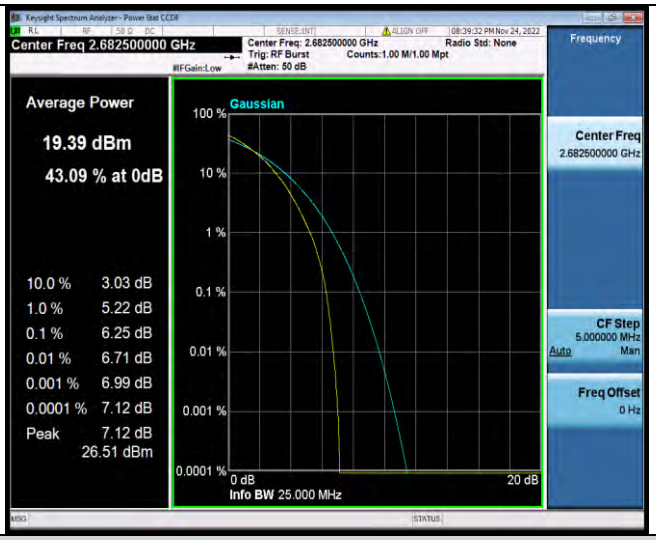


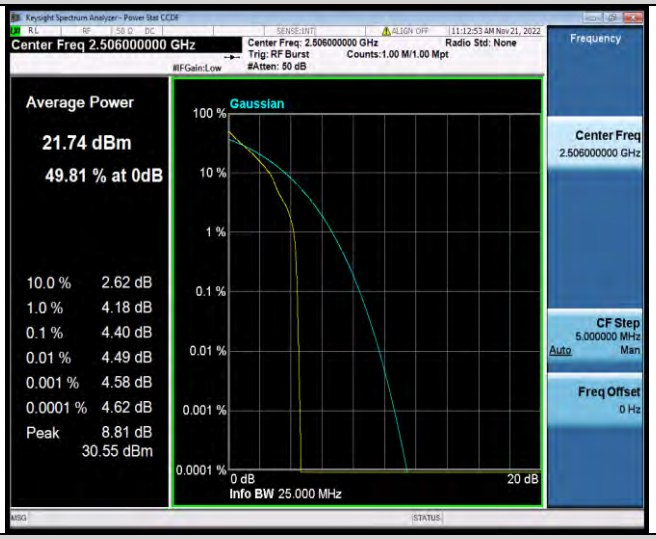
Band41-15MHz-64QAM-41515-1RB#0



Band41-15MHz-64QAM-41515-75RB#0



Band41-20MHz-QPSK-39750-1RB#0



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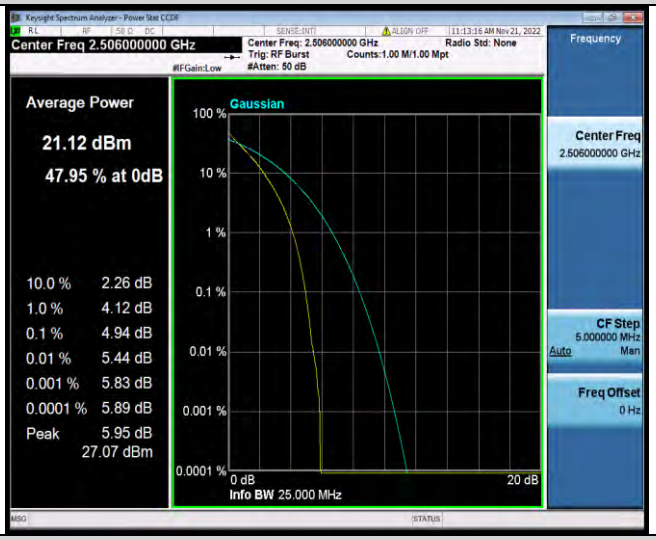

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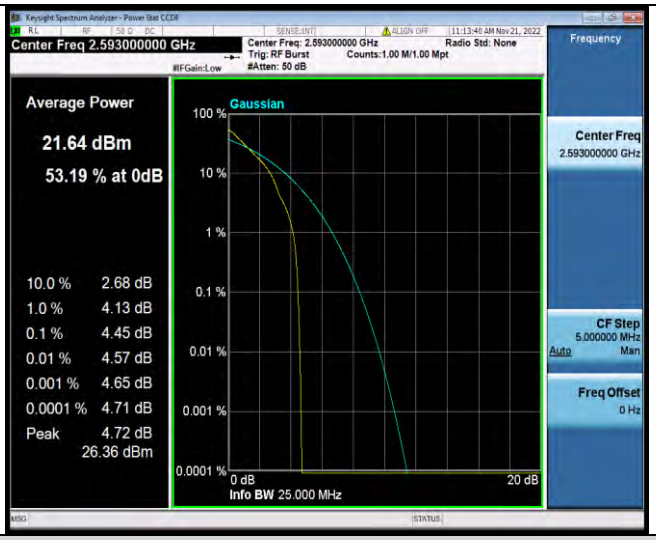

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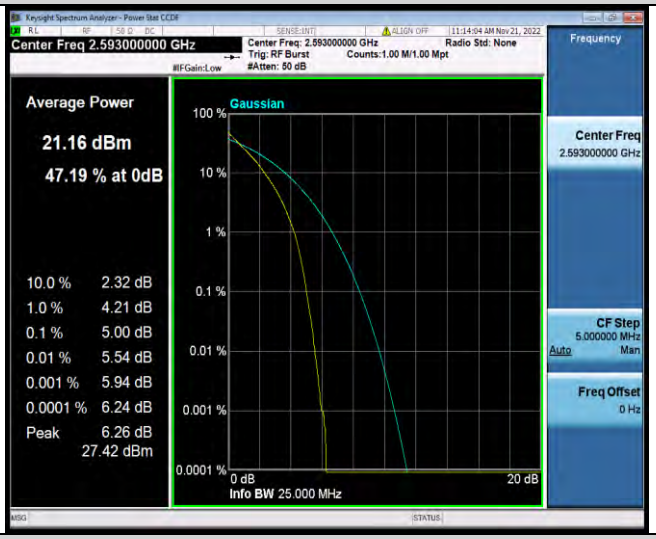

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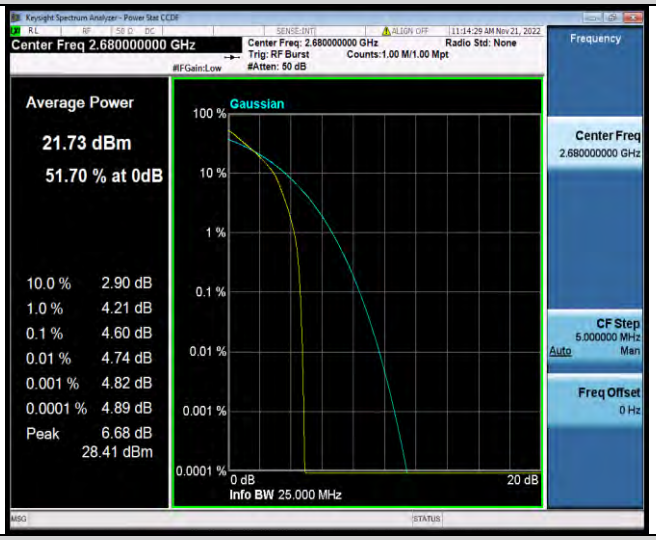

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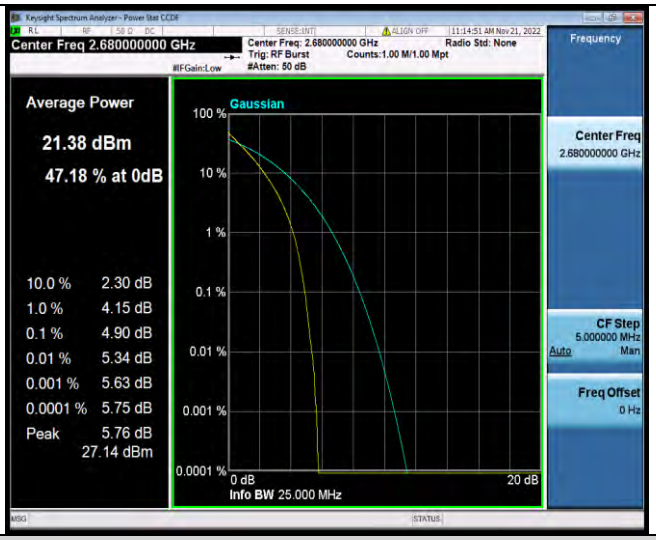
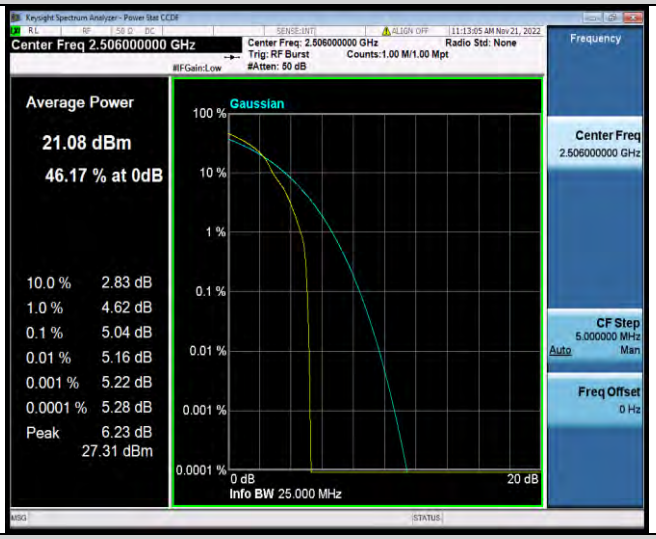


Band41-20MHz-16QAM-39750-1RB#0



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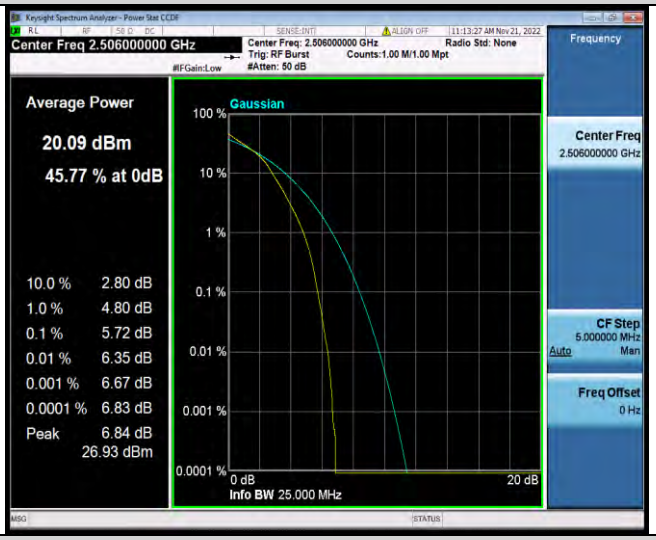

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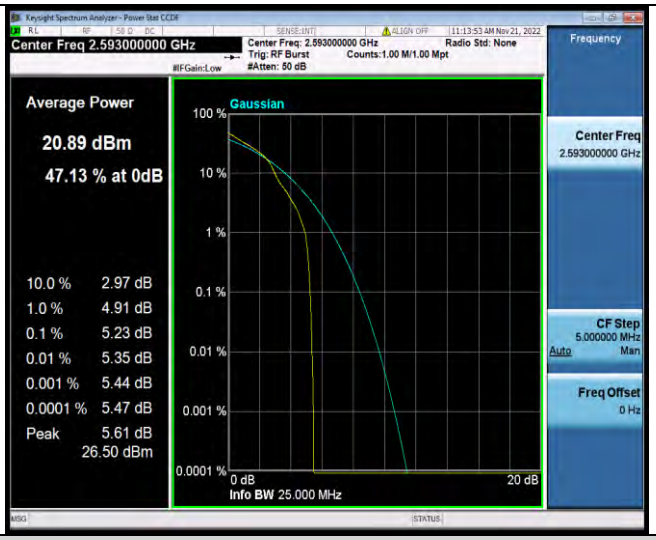

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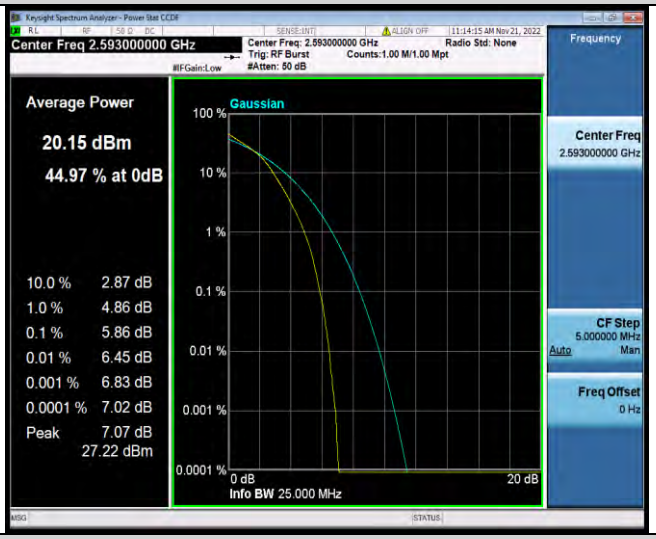

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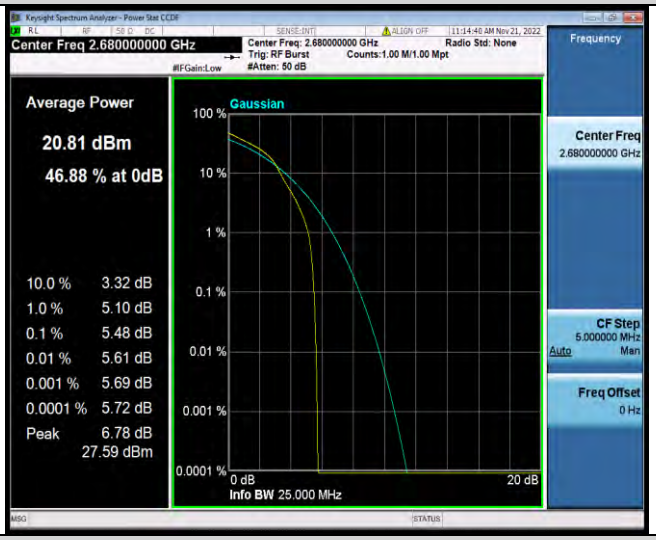

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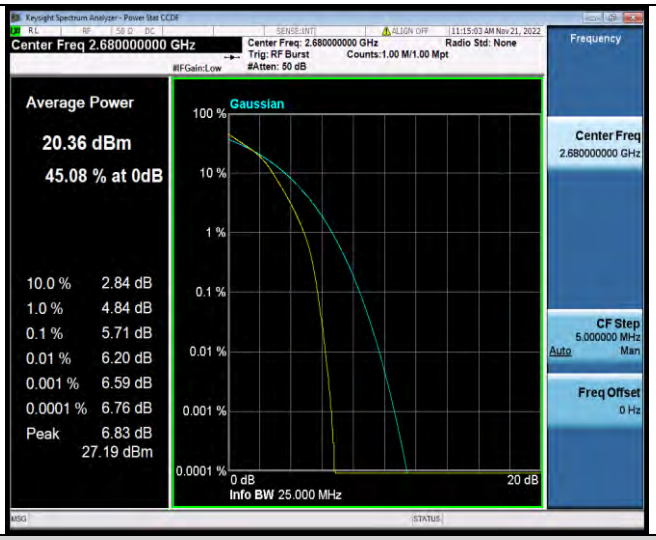
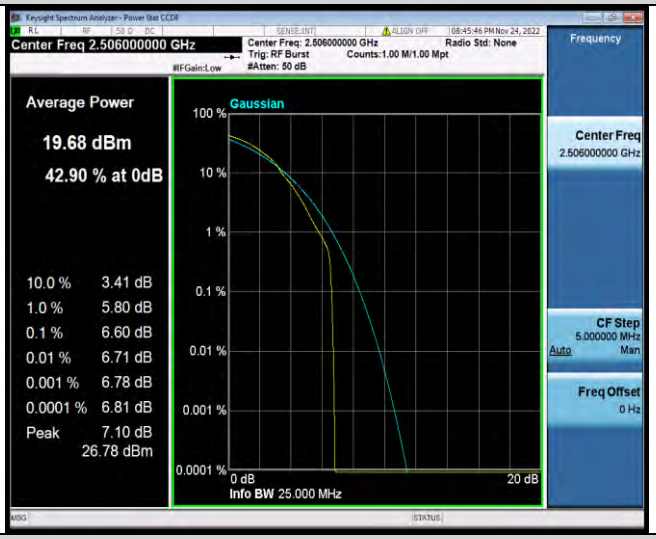
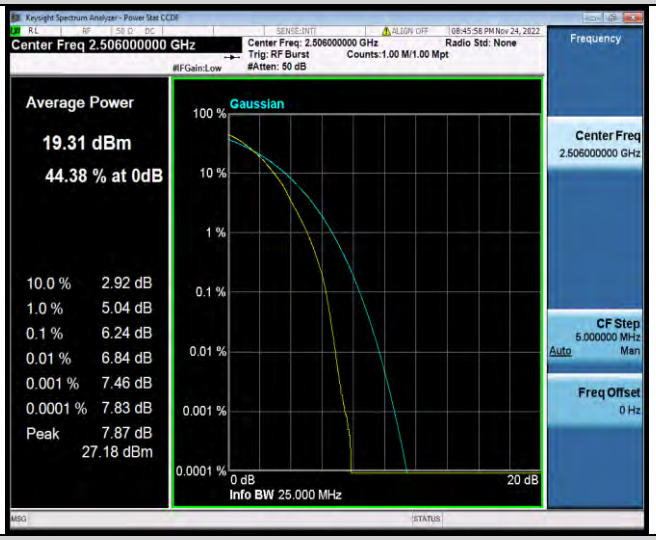


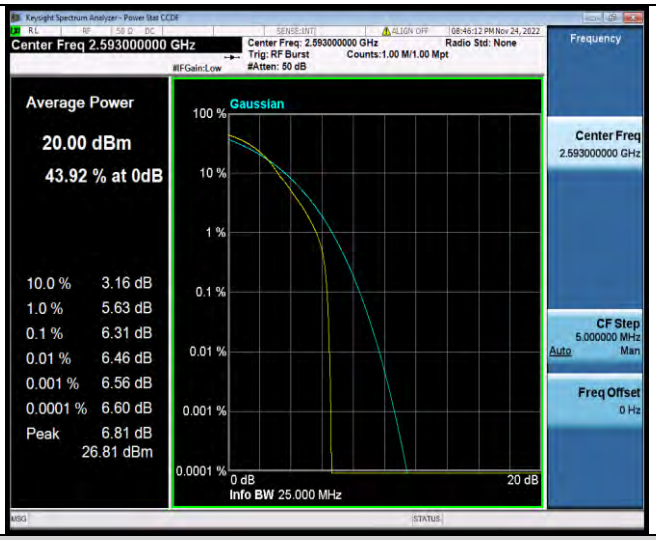
Band41-20MHz-64QAM-39750-1RB#0



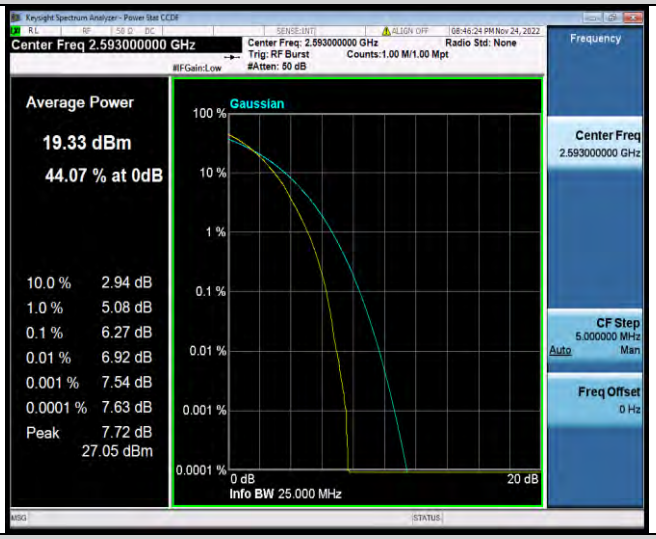
Band41-20MHz-64QAM-39750-100RB#0



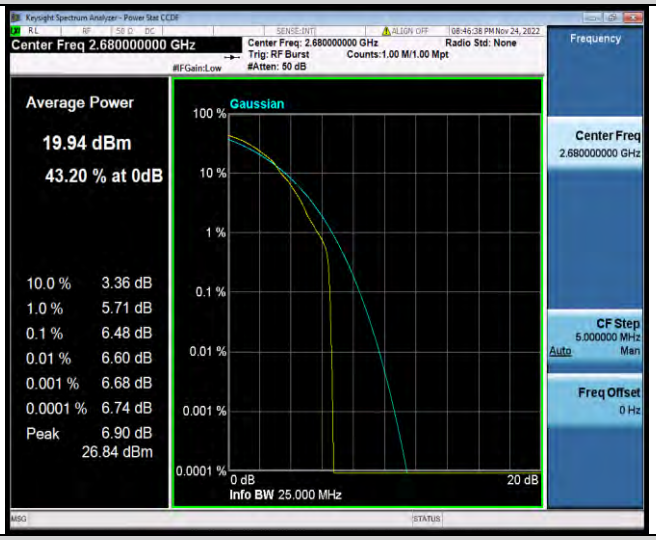
Band41-20MHz-64QAM-40620-1RB#0



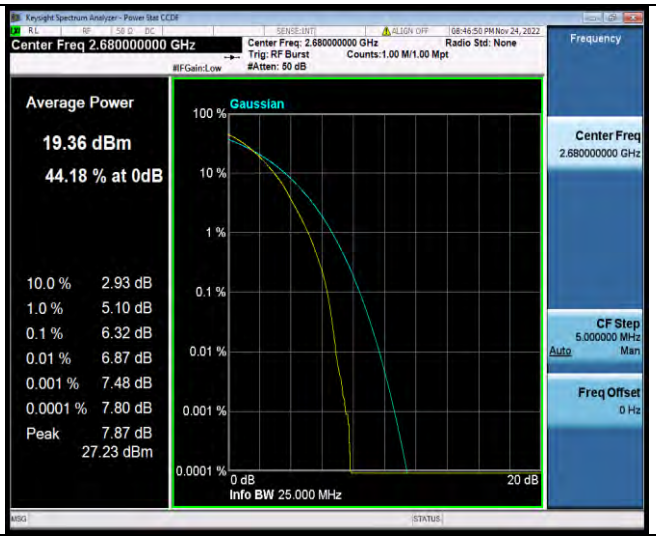
Band41-20MHz-64QAM-40620-100RB#0



Band41-20MHz-64QAM-41490-1RB#0



Band41-20MHz-64QAM-41490-100RB#0


Keysight Spectrum Analyzer - Power Stat CCDF
Center Freq 2.680000000 GHz
Center Freq: 2.680000000 GHz
Trig: RF Burst
Counts:1.00 M/1.00 Mpt
#Atten: 50 dB
Radio Std: None
Frequency
Average Power
19.36 dBm
44.18 % at 0dB
10.0 % 2.93 dB
1.0 % 5.10 dB
0.1 % 6.32 dB
0.01 % 6.87 dB
0.001 % 7.48 dB
0.0001 % 7.80 dB
Peak 7.87 dB
27.23 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
2.680000000 GHz
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
Band41	5MHz	QPSK	39675	25RB#0	4.4985	4.916	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.4982	4.858	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.4982	4.893	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.4867	4.861	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.4943	4.861	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.4905	4.881	PASS
Band41	5MHz	64QAM	39675	25RB#0	4.4982	4.860	PASS
Band41	5MHz	64QAM	40620	25RB#0	4.4963	4.848	PASS
Band41	5MHz	64QAM	41565	25RB#0	4.4978	4.857	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9588	9.549	PASS
Band41	10MHz	QPSK	40620	50RB#0	8.9726	9.527	PASS
Band41	10MHz	QPSK	41540	50RB#0	8.9646	9.548	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9701	9.534	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9697	9.532	PASS
Band41	10MHz	16QAM	41540	50RB#0	8.9600	9.523	PASS
Band41	10MHz	64QAM	39700	50RB#0	8.9562	9.520	PASS
Band41	10MHz	64QAM	40620	50RB#0	8.9677	9.534	PASS
Band41	10MHz	64QAM	41540	50RB#0	8.9526	9.498	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.462	14.28	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.457	14.28	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.458	14.28	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.453	14.26	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.444	14.25	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.457	14.25	PASS
Band41	15MHz	64QAM	39725	75RB#0	13.446	14.25	PASS
Band41	15MHz	64QAM	40620	75RB#0	13.459	14.25	PASS
Band41	15MHz	64QAM	41515	75RB#0	13.438	14.22	PASS
Band41	20MHz	QPSK	39750	100RB#0	17.942	18.98	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.945	18.98	PASS
Band41	20MHz	QPSK	41490	100RB#0	17.927	18.98	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.930	18.96	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.936	18.95	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.914	18.94	PASS
Band41	20MHz	64QAM	39750	100RB#0	17.961	18.95	PASS
Band41	20MHz	64QAM	40620	100RB#0	17.936	18.96	PASS
Band41	20MHz	64QAM	41490	100RB#0	17.944	18.94	PASS

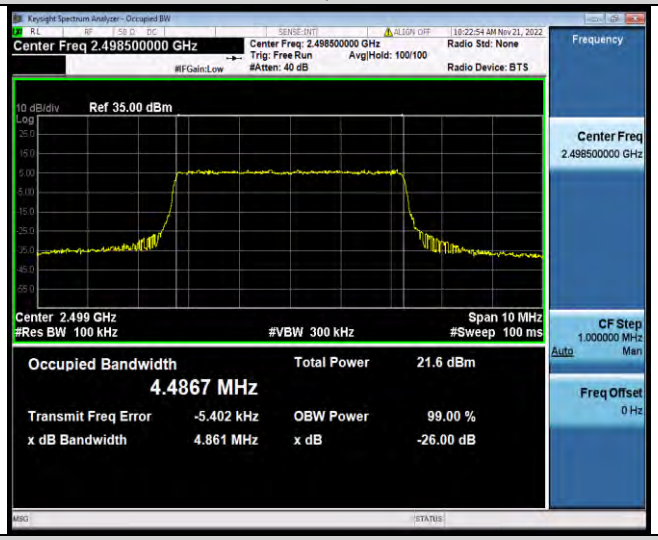
Test Graphs

Band41-5MHz-QPSK-39675-25RB#0

Band41-5MHz-QPSK-40620-25RB#0

Band41-5MHz-QPSK-41565-25RB#0

Band41-5MHz-16QAM-39675-25RB#0



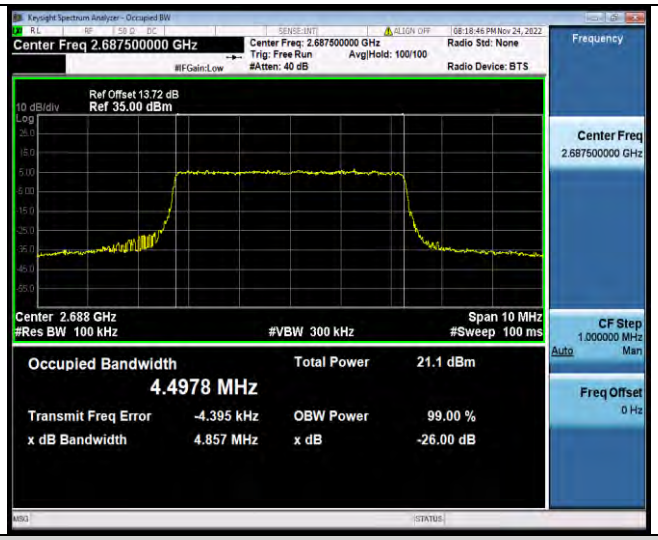
Band41-5MHz-16QAM-40620-25RB#0

Band41-5MHz-16QAM-41565-25RB#0

Band41-5MHz-64QAM-39675-25RB#0

Band41-5MHz-64QAM-40620-25RB#0

Band41-5MHz-64QAM-41565-25RB#0



Band41-10MHz-QPSK-39700-50RB#0

Band41-10MHz-QPSK-40620-50RB#0

Band41-10MHz-QPSK-41540-50RB#0

Band41-10MHz-16QAM-39700-50RB#0

Band41-10MHz-16QAM-40620-50RB#0

Band41-10MHz-16QAM-41540-50RB#0

Band41-10MHz-64QAM-39700-50RB#0

Band41-10MHz-64QAM-40620-50RB#0

Band41-10MHz-64QAM-41540-50RB#0

Band41-15MHz-QPSK-39725-75RB#0

Band41-15MHz-QPSK-40620-75RB#0

Band41-15MHz-QPSK-41515-75RB#0

Band41-15MHz-16QAM-39725-75RB#0

Band41-15MHz-16QAM-40620-75RB#0

Band41-15MHz-16QAM-41515-75RB#0

Band41-15MHz-64QAM-39725-75RB#0

Band41-15MHz-64QAM-40620-75RB#0

Band41-15MHz-64QAM-41515-75RB#0

Band41-20MHz-QPSK-39750-100RB#0

Band41-20MHz-QPSK-40620-100RB#0

Band41-20MHz-QPSK-41490-100RB#0

Band41-20MHz-16QAM-39750-100RB#0

Band41-20MHz-16QAM-40620-100RB#0

Band41-20MHz-16QAM-41490-100RB#0

Band41-20MHz-64QAM-39750-100RB#0

Band41-20MHz-64QAM-40620-100RB#0

Band41-20MHz-64QAM-41490-100RB#0