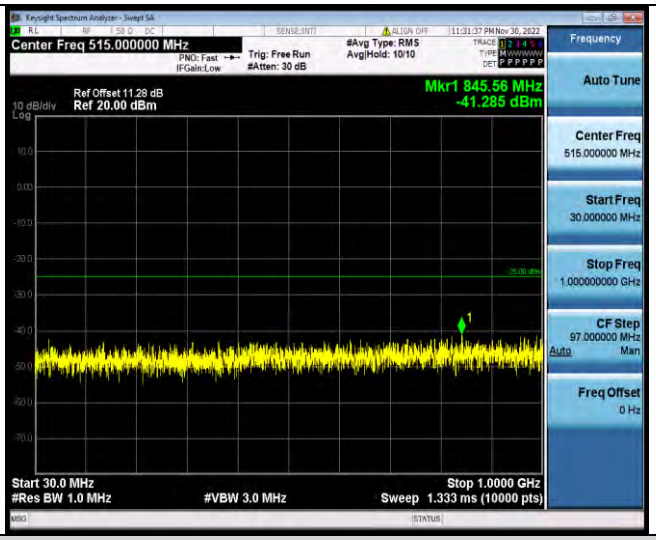
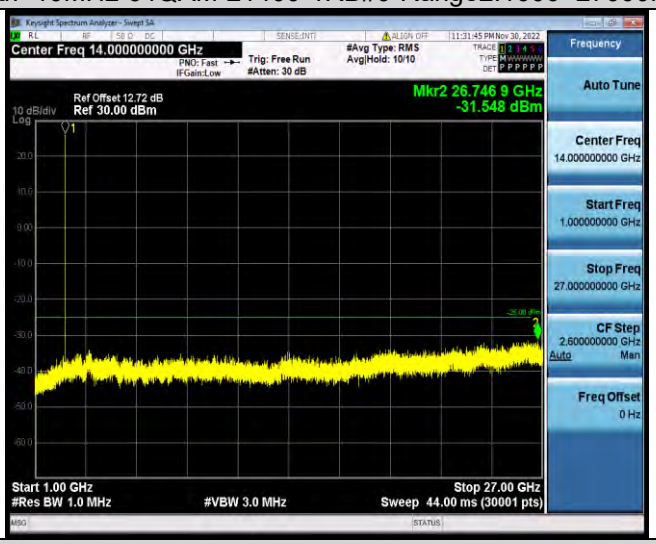
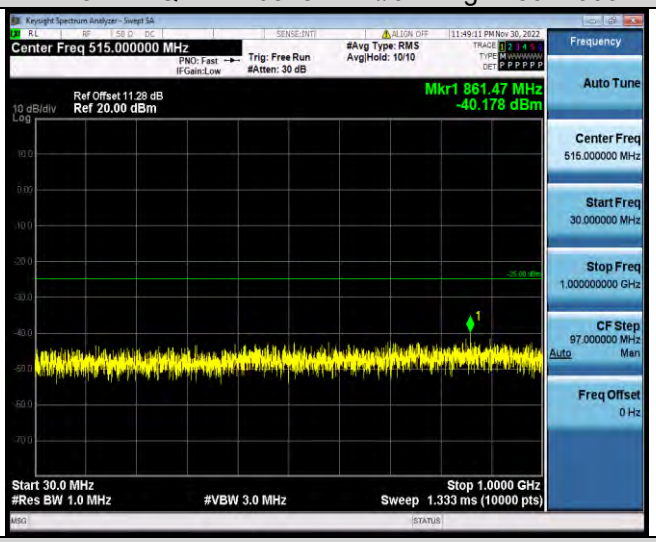


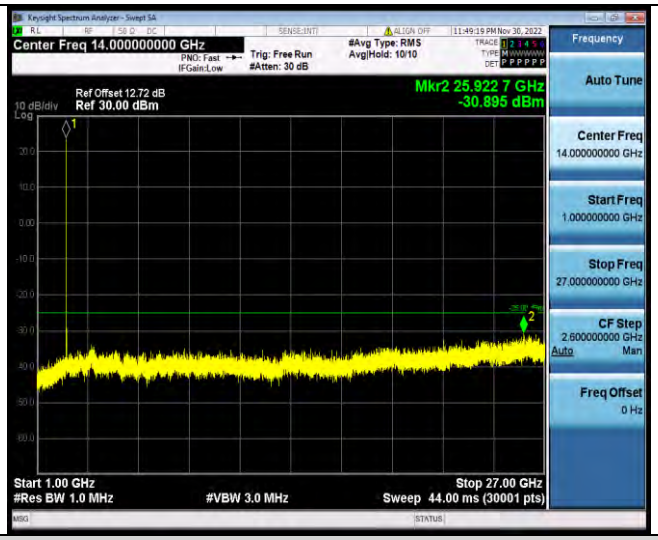
Band7-10MHz-64QAM-21400-1RB#0-Range2:1000~27000MHz



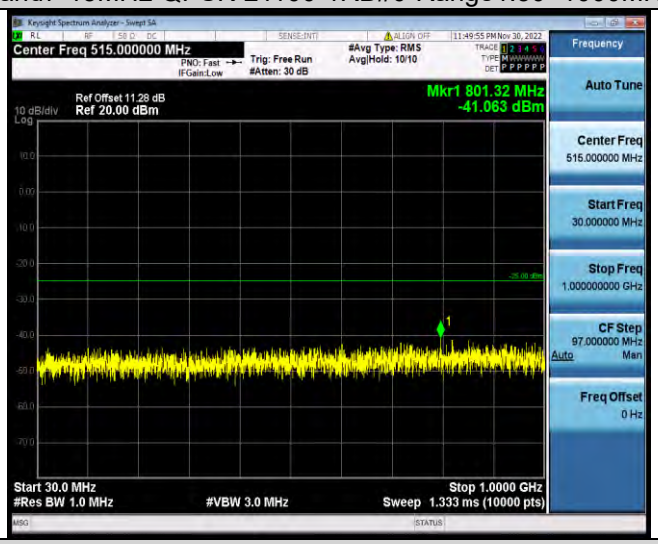
Band7-15MHz-QPSK-20825-1RB#0-Range1:30~1000MHz



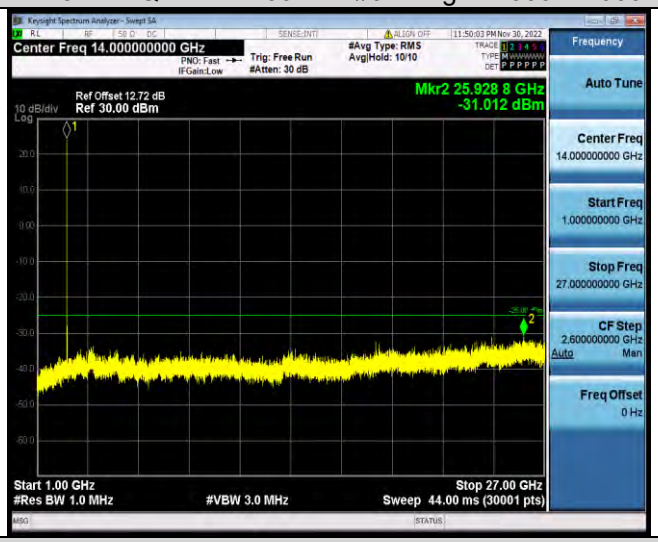
Band7-15MHz-QPSK-20825-1RB#0-Range2:1000~27000MHz



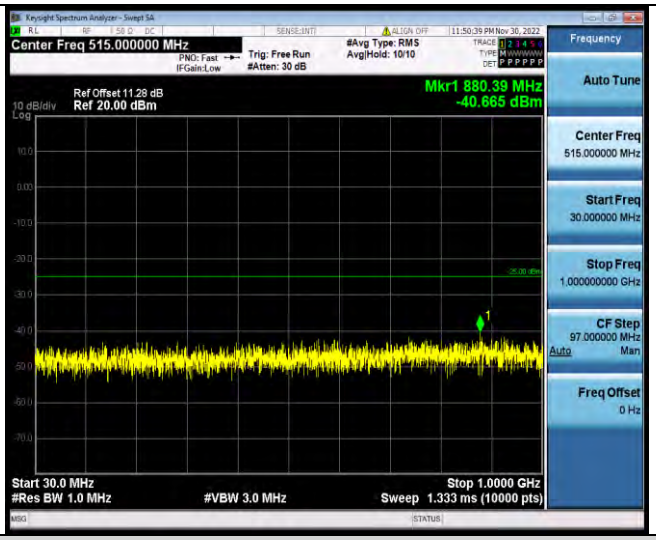
Band7-15MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



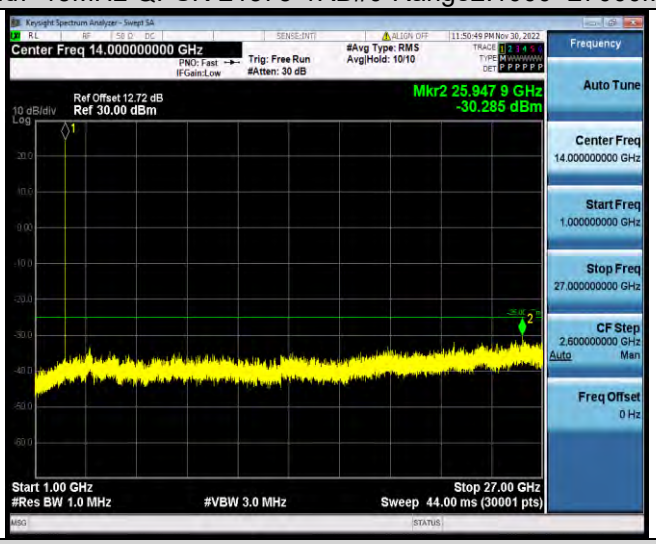
Band7-15MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



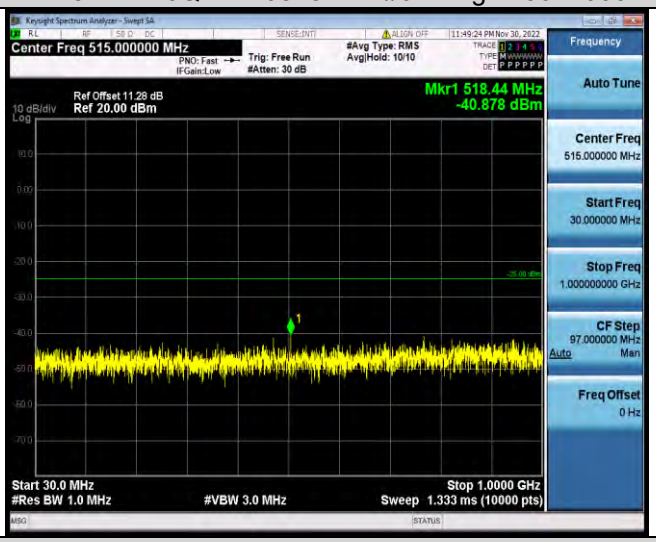
Band7-15MHz-QPSK-21375-1RB#0-Range1:30~1000MHz



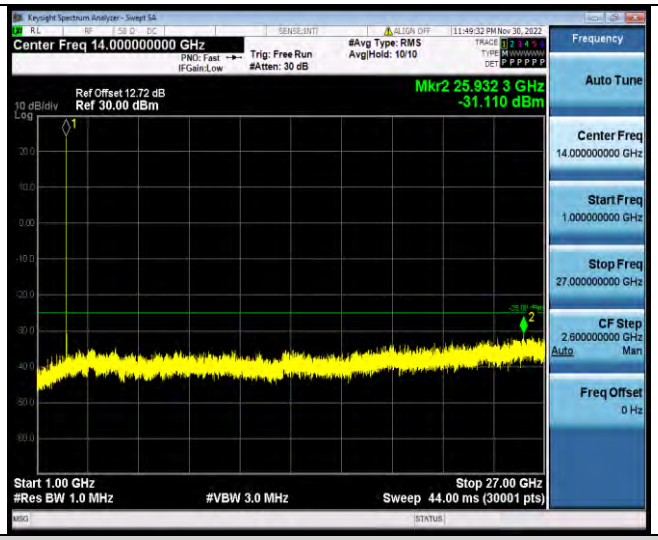
Band7-15MHz-QPSK-21375-1RB#0-Range2:1000~27000MHz



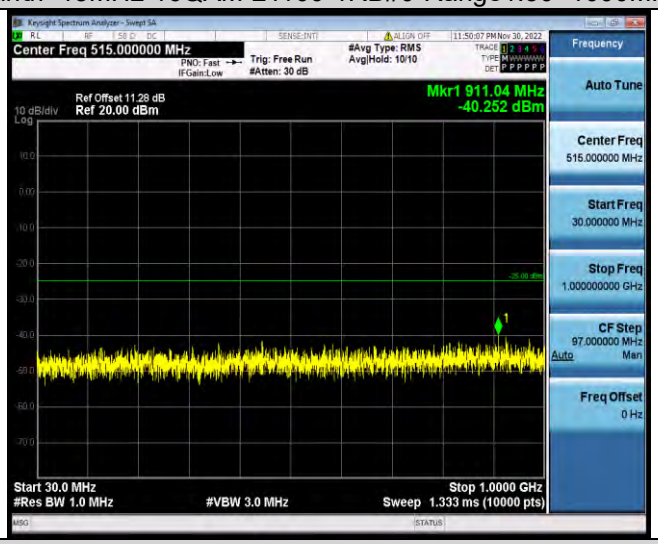
Band7-15MHz-16QAM-20825-1RB#0-Range1:30~1000MHz



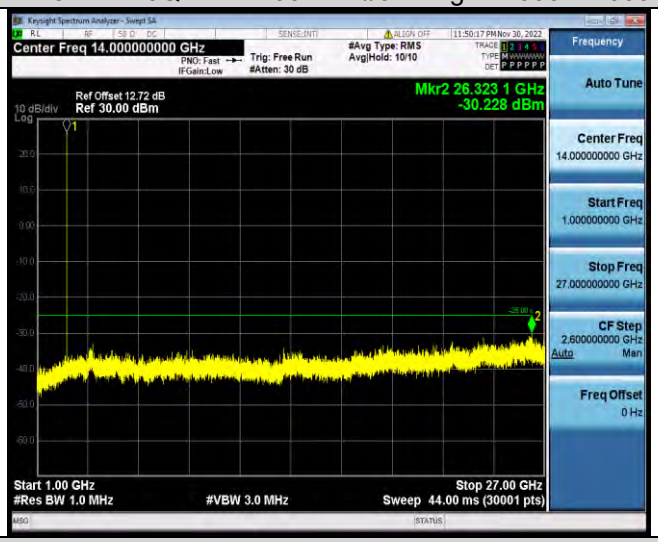
Band7-15MHz-16QAM-20825-1RB#0-Range2:1000~27000MHz



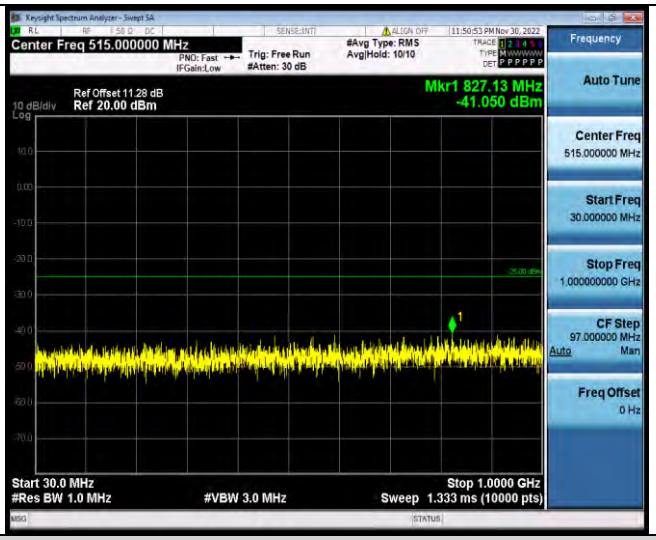
Band7-15MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



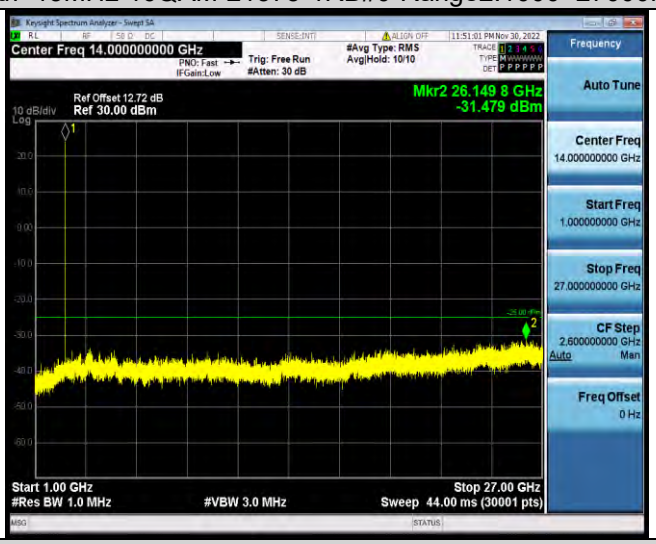
Band7-15MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



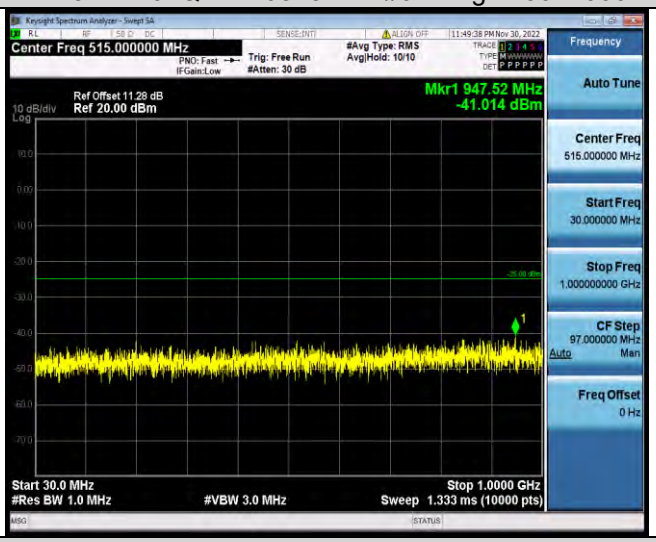
Band7-15MHz-16QAM-21375-1RB#0-Range1:30~1000MHz



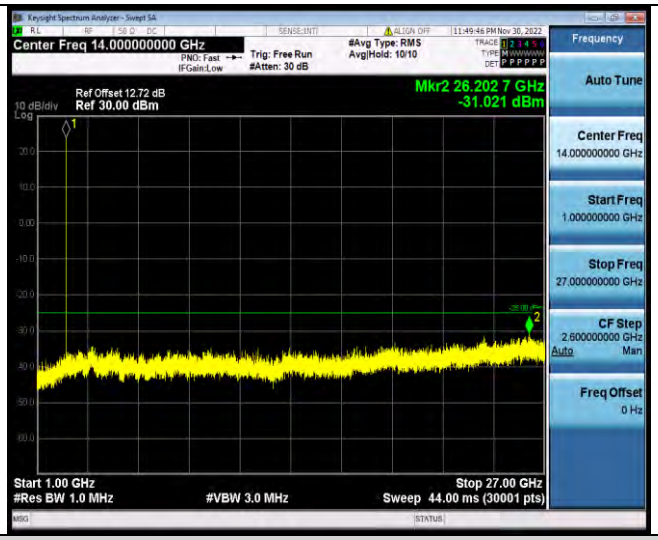
Band7-15MHz-16QAM-21375-1RB#0-Range2:1000~27000MHz



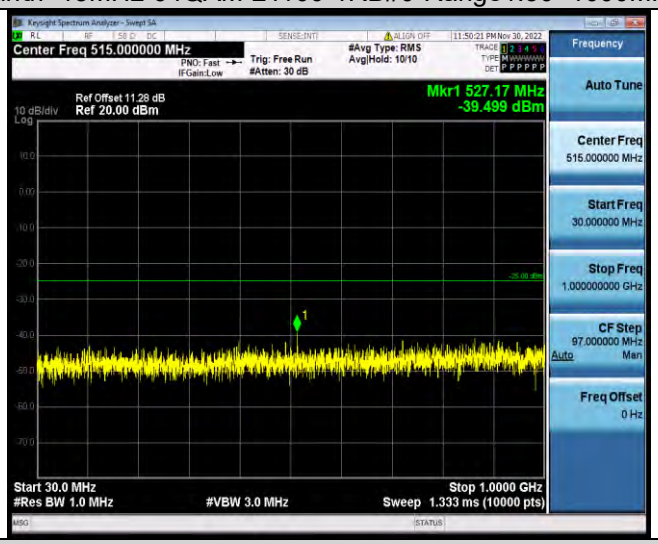
Band7-15MHz-64QAM-20825-1RB#0-Range1:30~1000MHz



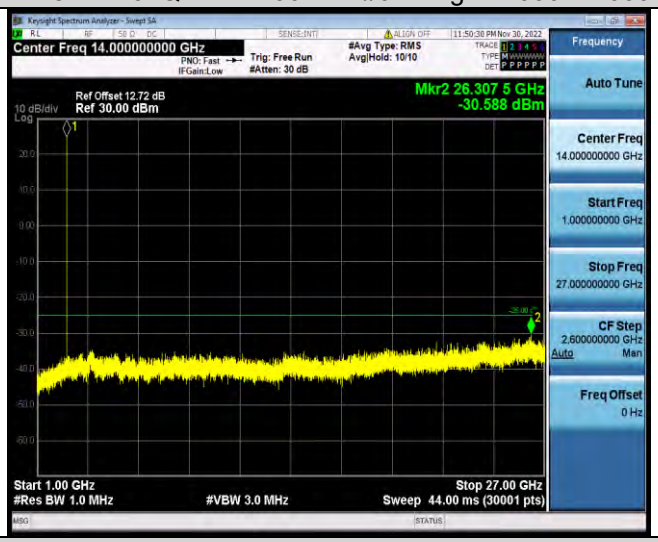
Band7-15MHz-64QAM-20825-1RB#0-Range2:1000~27000MHz



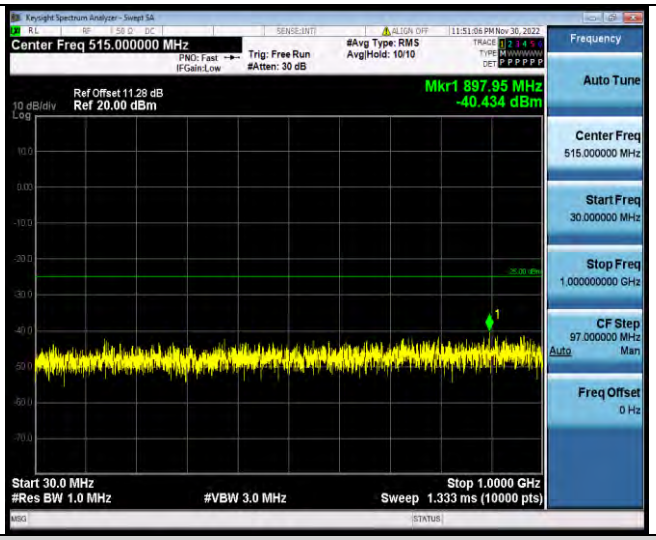
Band7-15MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



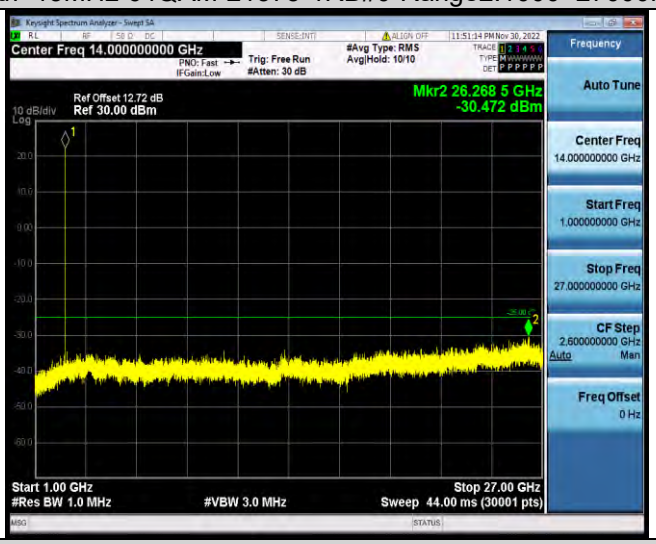
Band7-15MHz-64QAM-21100-1RB#0-Range2:1000~27000MHz



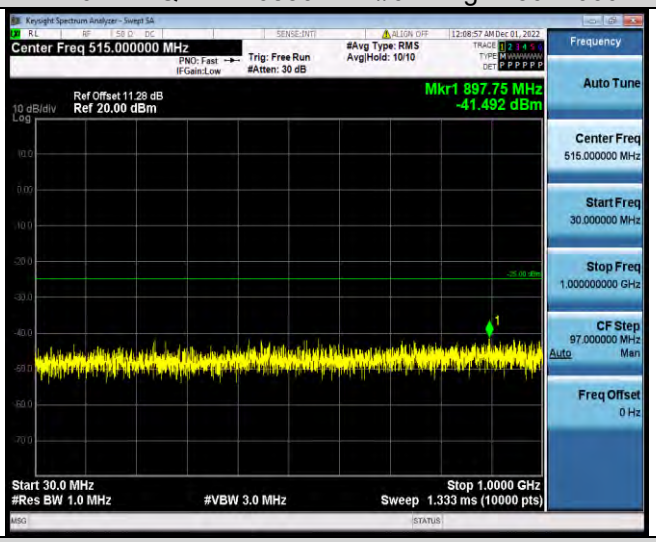
Band7-15MHz-64QAM-21375-1RB#0-Range1:30~1000MHz



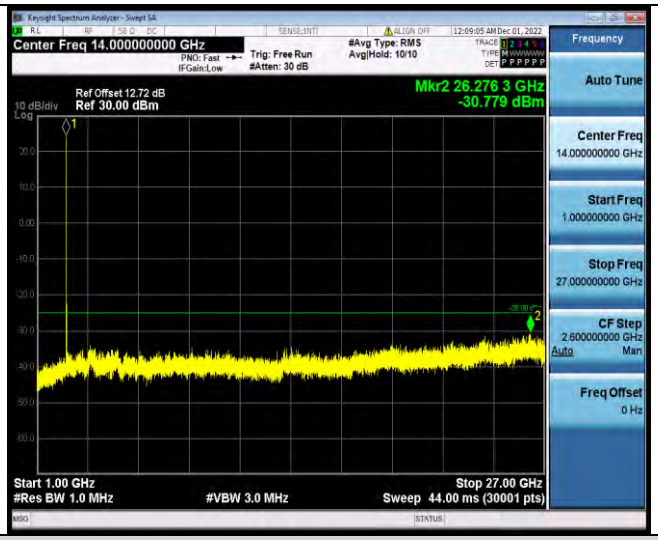
Band7-15MHz-64QAM-21375-1RB#0-Range2:1000~27000MHz



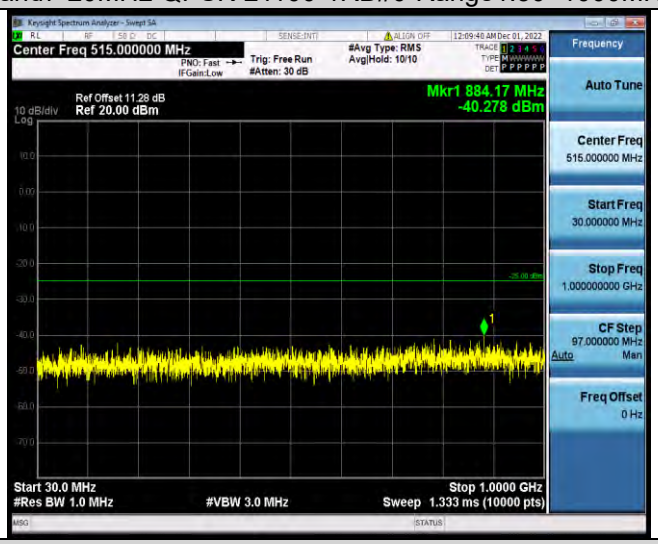
Band7-20MHz-QPSK-20850-1RB#0-Range1:30~1000MHz



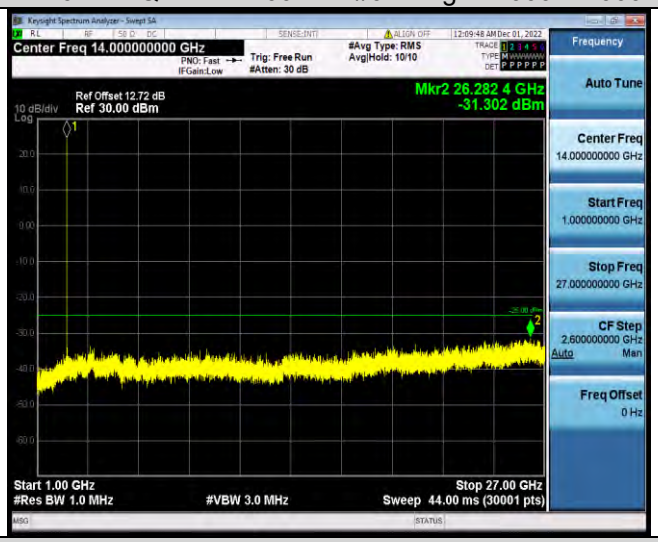
Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~27000MHz



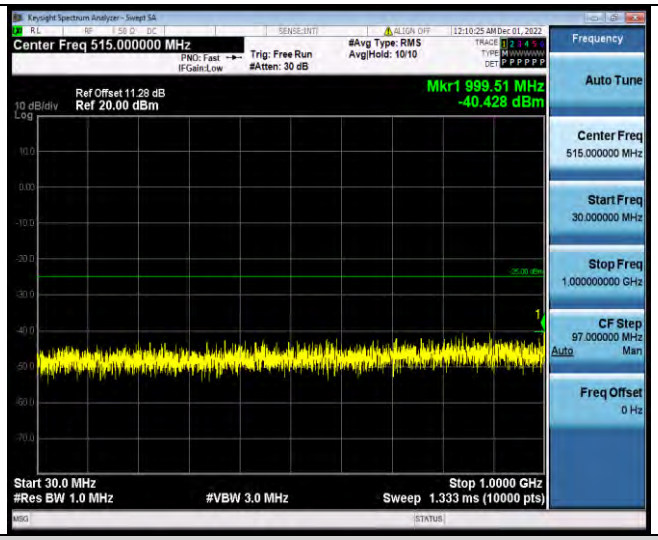
Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



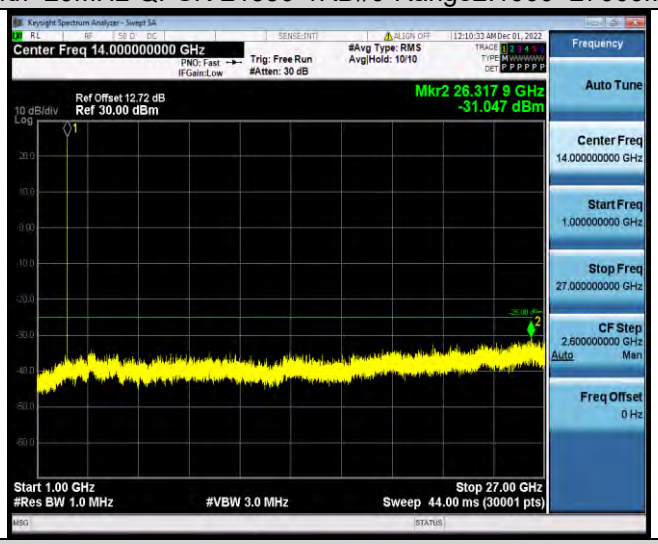
Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



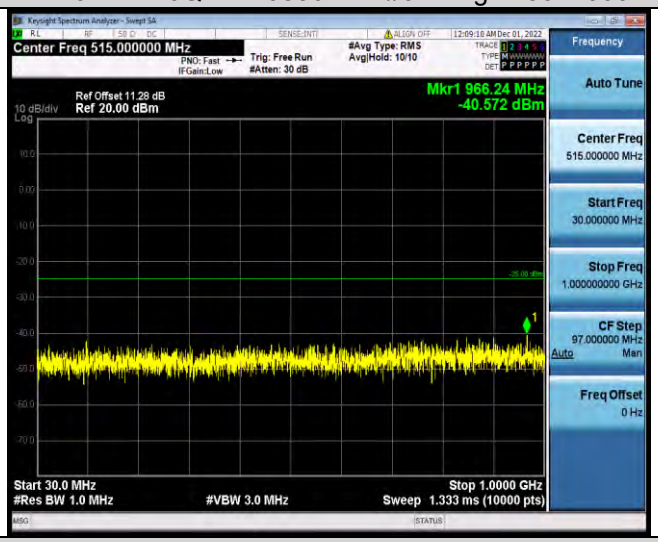
Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz



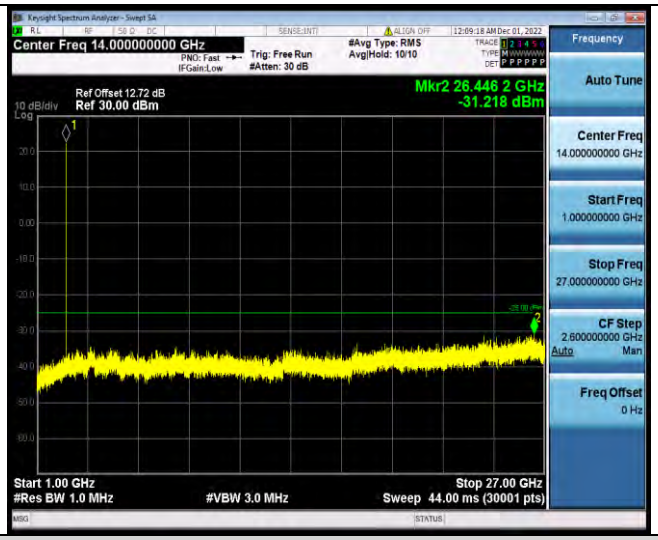
Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~27000MHz



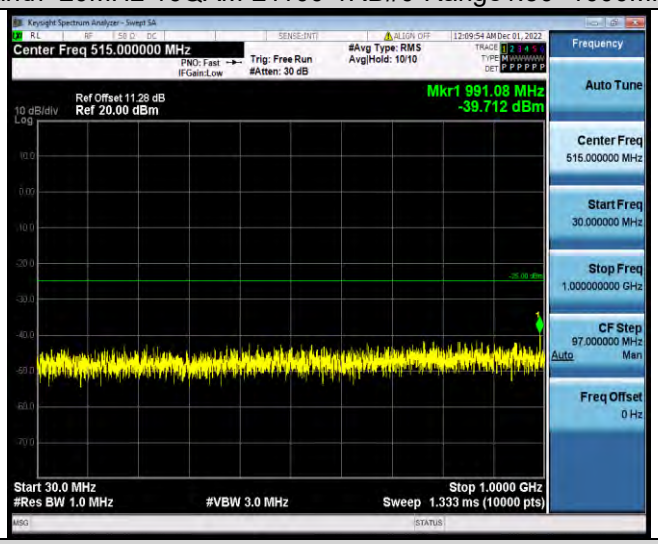
Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz



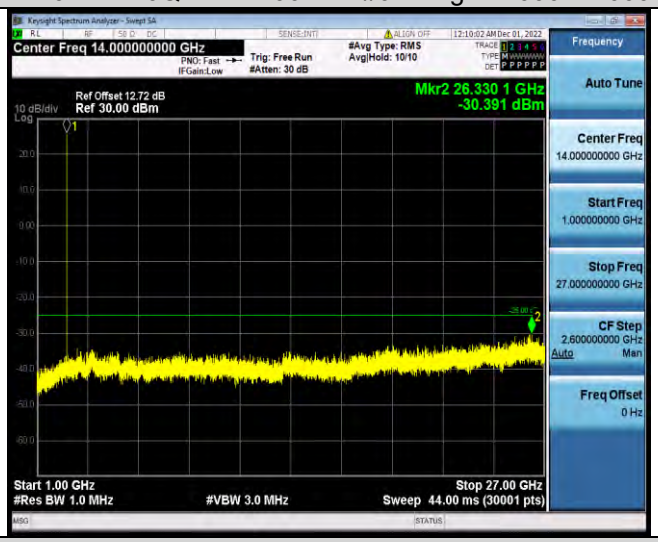
Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~27000MHz



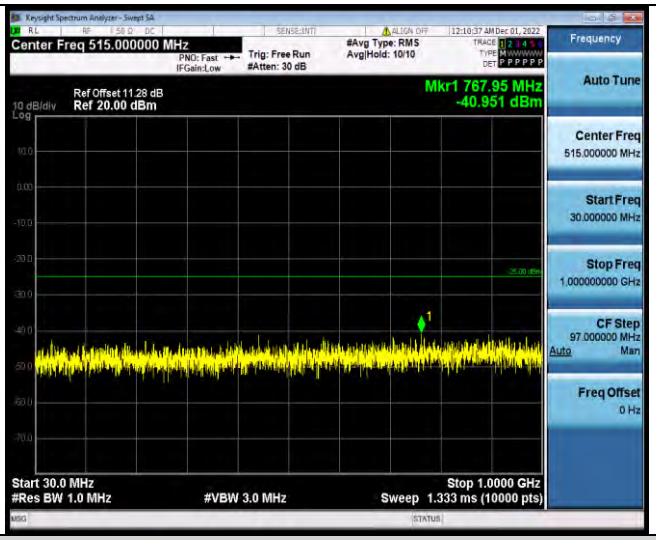
Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



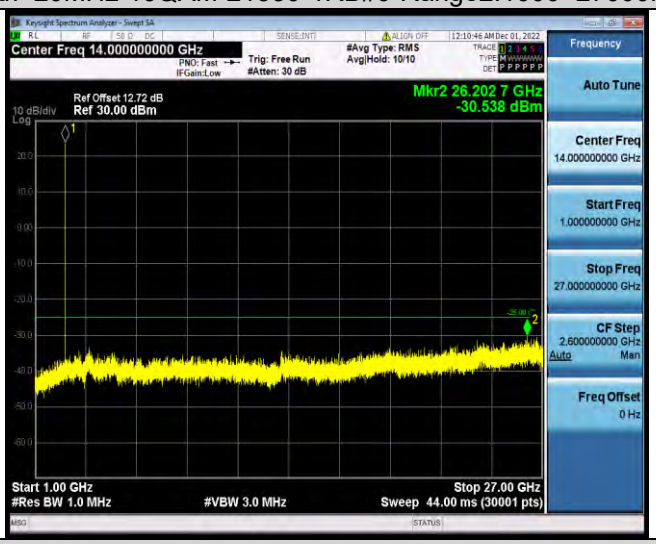
Band7-20MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



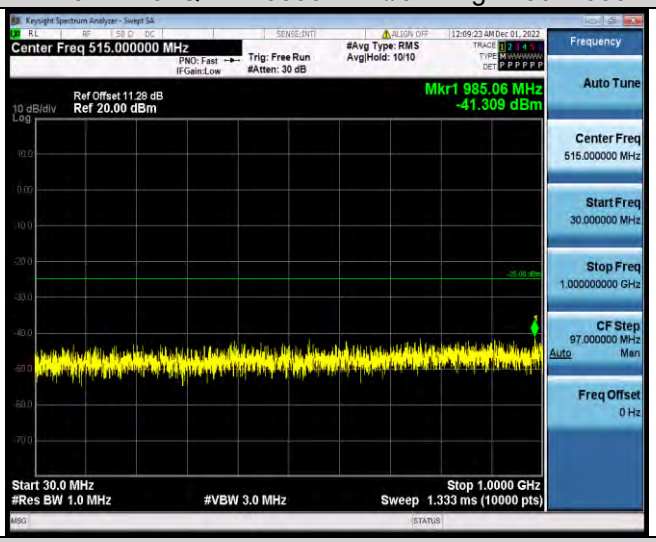
Band7-20MHz-16QAM-21350-1RB#0-Range1:30~1000MHz



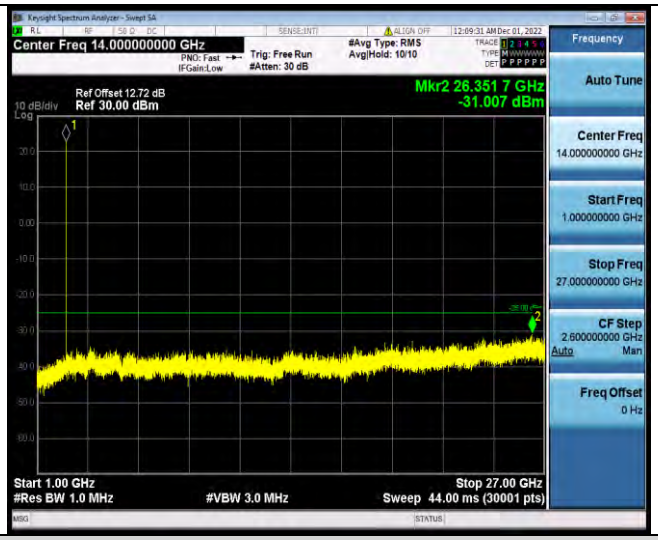
Band7-20MHz-16QAM-21350-1RB#0-Range2:1000~27000MHz



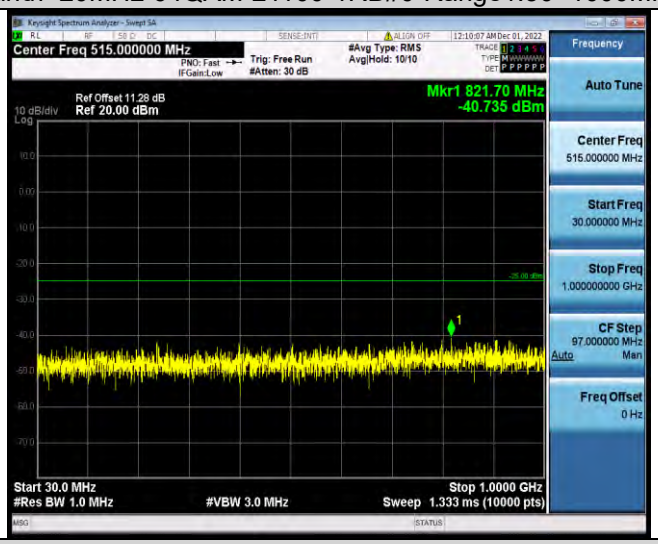
Band7-20MHz-64QAM-20850-1RB#0-Range1:30~1000MHz



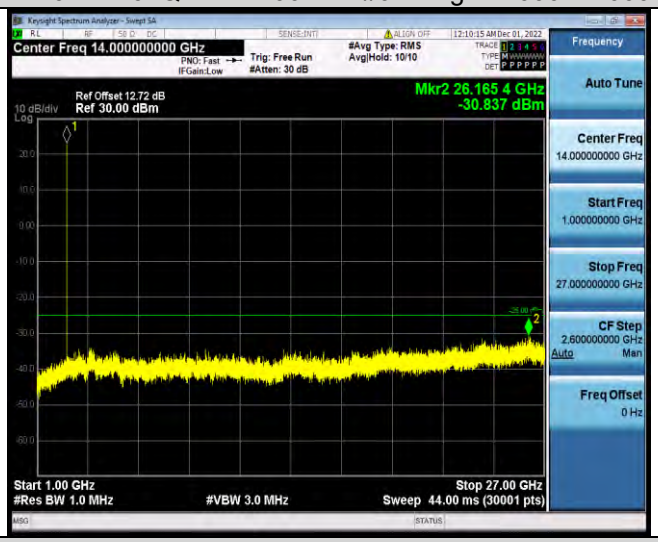
Band7-20MHz-64QAM-20850-1RB#0-Range2:1000~27000MHz



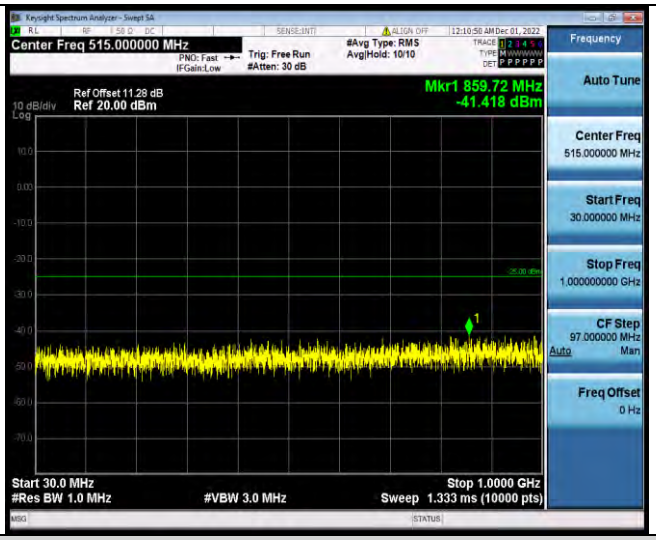
Band7-20MHz-64QAM-21100-1RB#0-Range1:30~1000MHz



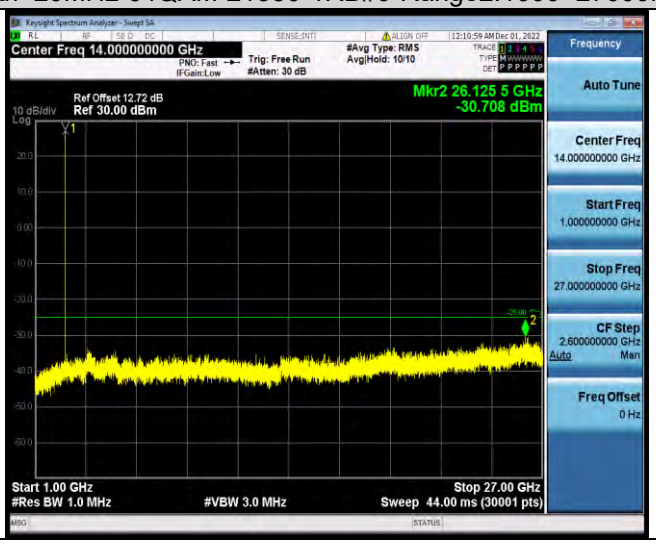
Band7-20MHz-64QAM-21100-1RB#0-Range2:1000~27000MHz



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	5.51	0.002202	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	2.26	0.000903	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	-2.56	-0.001023	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	2.86	0.001128	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	5.99	0.002363	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	4.88	0.001925	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	5.02	0.001955	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	-4.98	-0.001940	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-5.31	-0.002068	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	-5.29	-0.002114	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	3.60	0.001439	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	4.03	0.001610	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	3.10	0.001223	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	-3.09	-0.001219	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	5.02	0.001980	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	2.00	0.000779	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	-1.92	-0.000748	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	-4.06	-0.001581	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VL	NT	5.56	0.002222	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VN	NT	-3.92	-0.001566	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	VH	NT	4.76	0.001902	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VL	NT	4.32	0.001704	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VN	NT	-3.22	-0.001270	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	VH	NT	3.83	0.001511	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VL	NT	2.98	0.001161	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VN	NT	3.48	0.001355	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	VH	NT	1.79	0.000697	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	3.32	0.001325	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	2.88	0.001150	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	4.13	0.001649	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	-4.11	-0.001621	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	4.76	0.001878	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	3.03	0.001195	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	5.11	0.001992	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	5.91	0.002304	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	3.23	0.001259	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	-4.18	-0.001669	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	3.12	0.001246	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	-1.97	-0.000786	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	-2.69	-0.001061	±2.5	PASS

Band7	10MHz	16QAM	21100	50RB#0	VN	NT	4.01	0.001582	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	4.96	0.001957	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	6.78	0.002643	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VN	NT	4.21	0.001641	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VH	NT	4.98	0.001942	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VL	NT	3.30	0.001317	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VN	NT	-3.20	-0.001277	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	VH	NT	5.34	0.002132	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VL	NT	3.19	0.001258	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VN	NT	5.01	0.001976	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	VH	NT	8.11	0.003199	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VL	NT	6.48	0.002526	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VN	NT	2.62	0.001021	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	VH	NT	5.79	0.002257	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	2.39	0.000953	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	-3.85	-0.001535	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	4.46	0.001779	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	3.63	0.001432	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VN	NT	4.32	0.001704	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	4.59	0.001811	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	3.26	0.001272	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	4.58	0.001787	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	7.02	0.002740	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	-3.83	-0.001527	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VN	NT	3.83	0.001527	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	3.30	0.001316	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	3.46	0.001365	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	3.08	0.001215	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	3.09	0.001219	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	5.51	0.002150	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	3.89	0.001518	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VH	NT	3.81	0.001487	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VL	NT	-3.50	-0.001396	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VN	NT	5.01	0.001998	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	VH	NT	-3.73	-0.001488	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VL	NT	5.81	0.002292	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VN	NT	3.39	0.001337	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	VH	NT	-2.10	-0.000828	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VL	NT	-5.19	-0.002025	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VN	NT	3.75	0.001463	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	VH	NT	4.35	0.001698	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	2.90	0.001155	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	4.99	0.001988	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	3.32	0.001323	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	6.57	0.002592	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	6.08	0.002398	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	4.63	0.001826	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	3.89	0.001520	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	4.31	0.001684	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	5.49	0.002145	±2.5	PASS

Band7	20MHz	16QAM	20850	100RB#0	VL	NT	3.13	0.001247	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	2.65	0.001056	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	3.79	0.001510	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	4.71	0.001858	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-2.49	-0.000982	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	2.89	0.001140	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	4.91	0.001918	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	-4.82	-0.001883	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	4.68	0.001828	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VL	NT	4.56	0.001817	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VN	NT	-2.75	-0.001096	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	VH	NT	5.02	0.002000	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VL	NT	5.95	0.002347	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VN	NT	4.43	0.001748	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	VH	NT	3.76	0.001483	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VL	NT	-2.52	-0.000984	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VN	NT	5.88	0.002297	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	VH	NT	-4.66	-0.001820	±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	2.76	0.001103	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	-5.94	-0.002374	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	3.25	0.001299	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	6.01	0.002402	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	4.01	0.001602	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	3.50	0.001381	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	4.98	0.001964	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	2.80	0.001105	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-2.70	-0.001065	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	2.85	0.001124	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	3.69	0.001437	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	5.01	0.001951	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	3.19	0.001242	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	2.45	0.000954	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	-6.67	-0.002598	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	-2.72	-0.001087	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	4.65	0.001858	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	7.18	0.002869	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	2.75	0.001099	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	5.22	0.002086	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	3.82	0.001507	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	3.75	0.001479	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	2.25	0.000888	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	3.08	0.001215	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-4.55	-0.001795	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	4.98	0.001940	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	3.98	0.001550	±2.5	PASS

Band7	5MHz	16QAM	21425	25RB#0	NV	0	5.65	0.002201	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	-2.88	-0.001122	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	5.55	0.002162	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	-30	7.24	0.002893	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	-20	4.46	0.001782	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	0	3.06	0.001223	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	10	3.49	0.001395	±2.5	PASS
Band7	5MHz	64QAM	20775	25RB#0	NV	20	4.85	0.001938	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	-30	3.66	0.001444	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	-20	4.03	0.001590	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	0	2.99	0.001179	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	10	-4.71	-0.001858	±2.5	PASS
Band7	5MHz	64QAM	21100	25RB#0	NV	20	4.06	0.001602	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	-30	4.65	0.001811	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	-20	4.81	0.001873	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	0	-2.17	-0.000845	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	10	4.29	0.001671	±2.5	PASS
Band7	5MHz	64QAM	21425	25RB#0	NV	20	7.05	0.002746	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-3.09	-0.001234	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	5.51	0.002200	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	3.18	0.001269	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	3.39	0.001353	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	6.21	0.002479	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	7.02	0.002769	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	6.57	0.002592	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-2.25	-0.000888	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-5.62	-0.002217	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	3.15	0.001243	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	4.98	0.001942	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	7.85	0.003060	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	7.57	0.002951	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	3.83	0.001493	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	3.82	0.001489	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-30	3.02	0.001206	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-20	4.22	0.001685	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	-1.66	-0.000663	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	4.09	0.001633	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	2.63	0.001050	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-30	5.99	0.002363	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-20	-3.38	-0.001333	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	0	2.57	0.001014	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	2.65	0.001045	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	5.21	0.002055	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	6.07	0.002366	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	3.86	0.001505	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	-4.16	-0.001622	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	8.96	0.003493	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	5.55	0.002164	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	-30	-5.02	-0.002004	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	-20	5.38	0.002148	±2.5	PASS

Band7	10MHz	64QAM	20800	50RB#0	NV	0	3.79	0.001513	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	10	2.45	0.000978	±2.5	PASS
Band7	10MHz	64QAM	20800	50RB#0	NV	20	-3.88	-0.001549	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	-30	-5.46	-0.002154	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	-20	2.55	0.001006	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	0	6.09	0.002402	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	10	3.79	0.001495	±2.5	PASS
Band7	10MHz	64QAM	21100	50RB#0	NV	20	2.75	0.001085	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	-30	6.71	0.002616	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	-20	3.62	0.001411	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	0	8.03	0.003131	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	10	7.14	0.002784	±2.5	PASS
Band7	10MHz	64QAM	21400	50RB#0	NV	20	4.12	0.001606	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	2.85	0.001137	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-20	5.65	0.002253	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	4.66	0.001858	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	4.43	0.001767	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	5.76	0.002297	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	3.73	0.001471	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	1.93	0.000761	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	6.55	0.002584	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	2.32	0.000915	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	6.58	0.002596	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	5.38	0.002100	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	3.32	0.001296	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	4.56	0.001780	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	4.48	0.001748	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	6.77	0.002642	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-30	4.84	0.001930	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-20	-4.28	-0.001707	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	4.41	0.001759	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	3.69	0.001472	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	-4.88	-0.001946	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-30	-2.66	-0.001049	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-20	4.48	0.001767	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	2.83	0.001116	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	2.83	0.001116	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	-3.83	-0.001511	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-30	3.32	0.001296	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-20	-2.62	-0.001022	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	5.26	0.002053	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	3.63	0.001417	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	20	3.38	0.001319	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	-30	-3.10	-0.001236	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	-20	-4.25	-0.001695	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	0	2.47	0.000985	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	10	-5.97	-0.002381	±2.5	PASS
Band7	15MHz	64QAM	20825	75RB#0	NV	20	-3.35	-0.001336	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	-30	3.03	0.001195	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	-20	-3.16	-0.001247	±2.5	PASS

Band7	15MHz	64QAM	21100	75RB#0	NV	0	2.53	0.000998	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	10	2.82	0.001112	±2.5	PASS
Band7	15MHz	64QAM	21100	75RB#0	NV	20	-2.92	-0.001152	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	-30	3.23	0.001260	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	-20	4.69	0.001830	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	0	2.93	0.001143	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	10	3.26	0.001272	±2.5	PASS
Band7	15MHz	64QAM	21375	75RB#0	NV	20	-3.82	-0.001491	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	4.66	0.001857	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	-2.93	-0.001167	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	2.76	0.001100	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	5.39	0.002147	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	20	3.91	0.001558	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	4.28	0.001688	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	3.78	0.001491	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	5.25	0.002071	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	3.52	0.001389	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	4.61	0.001819	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	4.23	0.001652	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-4.22	-0.001648	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	3.73	0.001457	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	5.26	0.002055	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	2.19	0.000855	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	-5.98	-0.002382	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	3.59	0.001430	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	6.14	0.002446	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	-4.28	-0.001705	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	-4.71	-0.001876	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	2.70	0.001065	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	3.68	0.001452	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	3.28	0.001294	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	4.75	0.001874	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-6.64	-0.002619	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	2.78	0.001086	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	-5.71	-0.002230	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	4.19	0.001637	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	-2.29	-0.000895	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	2.13	0.000832	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-30	5.35	0.002131	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	-20	-3.73	-0.001486	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	0	2.20	0.000876	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	10	7.47	0.002976	±2.5	PASS
Band7	20MHz	64QAM	20850	100RB#0	NV	20	3.29	0.001311	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-30	-4.13	-0.001629	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	-20	4.23	0.001669	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	0	6.92	0.002730	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	10	4.05	0.001598	±2.5	PASS
Band7	20MHz	64QAM	21100	100RB#0	NV	20	-2.46	-0.000970	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-30	-2.95	-0.001152	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	-20	4.11	0.001605	±2.5	PASS

Band7	20MHz	64QAM	21350	100RB#0	NV	0	-4.49	-0.001754	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	10	6.29	0.002457	±2.5	PASS
Band7	20MHz	64QAM	21350	100RB#0	NV	20	2.26	0.000883	±2.5	PASS

LTE BAND12 (INCLUDING B17)

PEAK-TO-AVERAGE RATIO(CCDF)

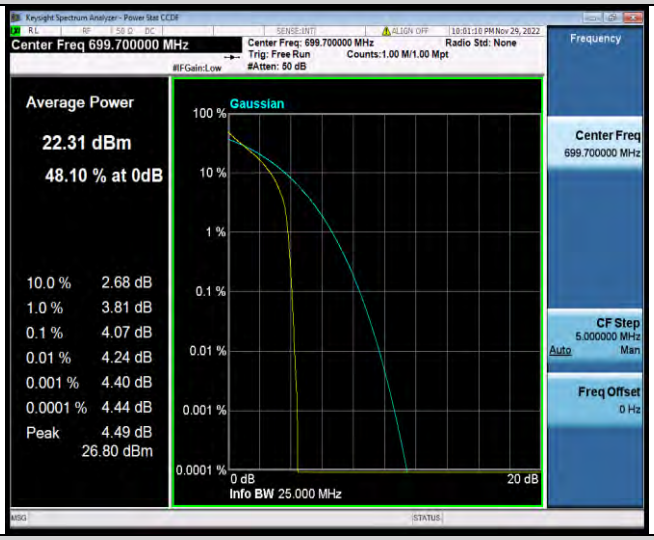
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	4.07	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.49	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	3.70	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	4.97	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	3.99	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.38	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.78	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.25	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.13	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	5.81	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.73	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.19	13	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	7.15	13	PASS
Band12	1.4MHz	64QAM	23017	6RB#0	6.97	13	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	6.27	13	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	6.74	13	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	6.93	13	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	6.87	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	3.92	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.42	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	3.55	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	4.91	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	3.84	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.41	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.59	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.27	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.18	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	5.79	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.70	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.27	13	PASS
Band12	3MHz	64QAM	23025	1RB#0	6.80	13	PASS
Band12	3MHz	64QAM	23025	15RB#0	7.01	13	PASS
Band12	3MHz	64QAM	23095	1RB#0	6.05	13	PASS
Band12	3MHz	64QAM	23095	15RB#0	6.45	13	PASS
Band12	3MHz	64QAM	23165	1RB#0	6.59	13	PASS
Band12	3MHz	64QAM	23165	15RB#0	6.97	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	3.84	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.44	13	PASS

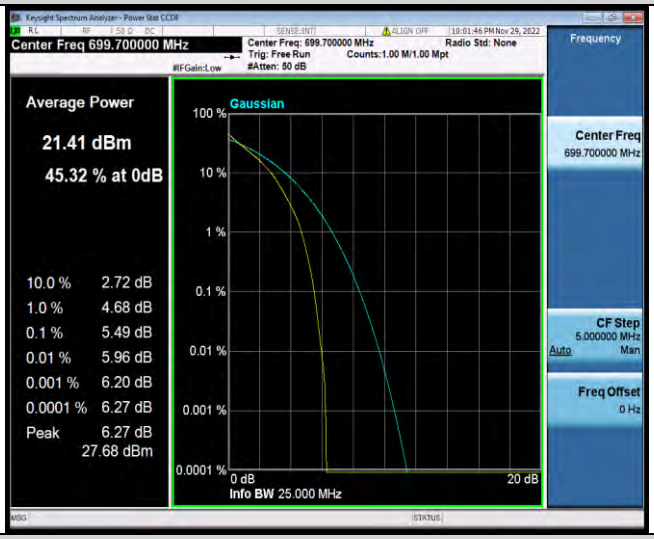
Band12	5MHz	QPSK	23095	1RB#0	3.54	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.02	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	3.69	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.54	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.60	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.30	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.24	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.80	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.33	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.29	13	PASS
Band12	5MHz	64QAM	23035	1RB#0	6.87	13	PASS
Band12	5MHz	64QAM	23035	25RB#0	6.91	13	PASS
Band12	5MHz	64QAM	23095	1RB#0	6.23	13	PASS
Band12	5MHz	64QAM	23095	25RB#0	6.57	13	PASS
Band12	5MHz	64QAM	23155	1RB#0	6.78	13	PASS
Band12	5MHz	64QAM	23155	25RB#0	6.92	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	3.71	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.27	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	3.74	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	4.99	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	3.47	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.07	13	PASS
Band12	10MHz	16QAM	23060	1RB#0	5.62	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.08	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.47	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.86	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.00	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.92	13	PASS
Band12	10MHz	64QAM	23060	1RB#0	6.93	13	PASS
Band12	10MHz	64QAM	23060	50RB#0	6.76	13	PASS
Band12	10MHz	64QAM	23095	1RB#0	6.35	13	PASS
Band12	10MHz	64QAM	23095	50RB#0	6.57	13	PASS
Band12	10MHz	64QAM	23130	1RB#0	6.42	13	PASS
Band12	10MHz	64QAM	23130	50RB#0	6.70	13	PASS

Test Graphs

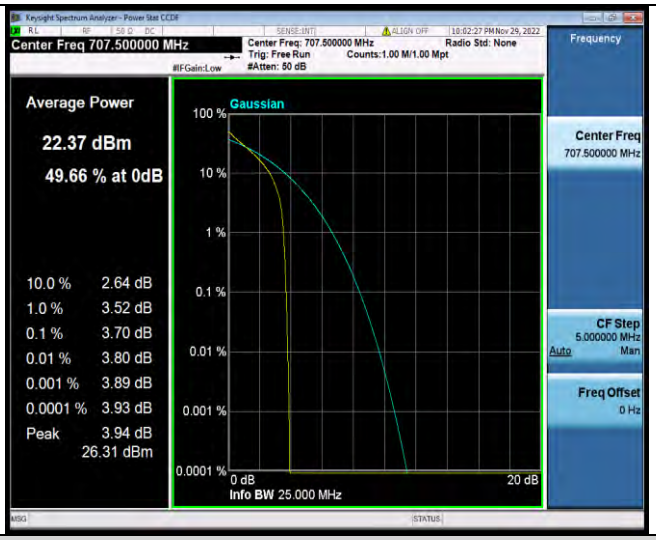
Band12-1.4MHz-QPSK-23017-1RB#0



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



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



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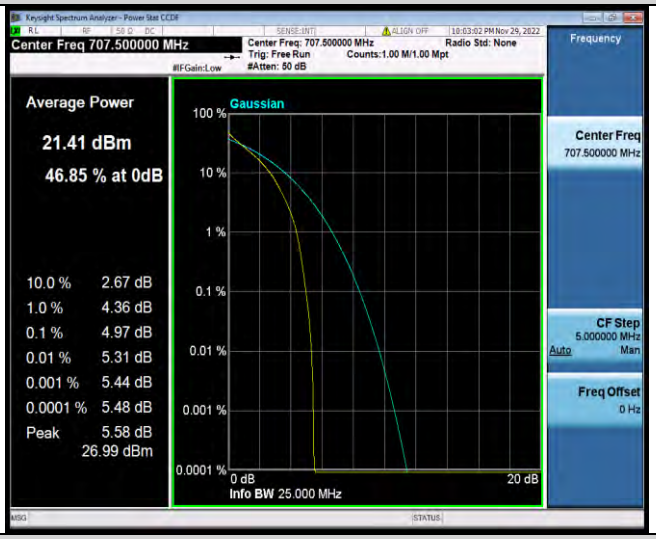
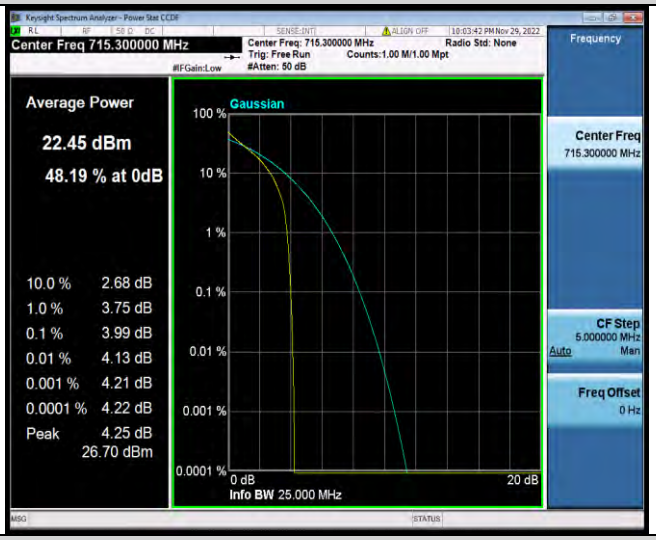


Band12-1.4MHz-QPSK-23173-1RB#0



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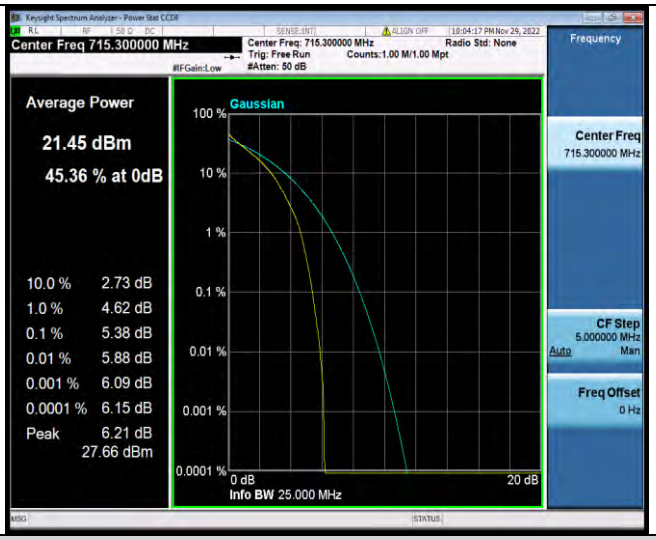
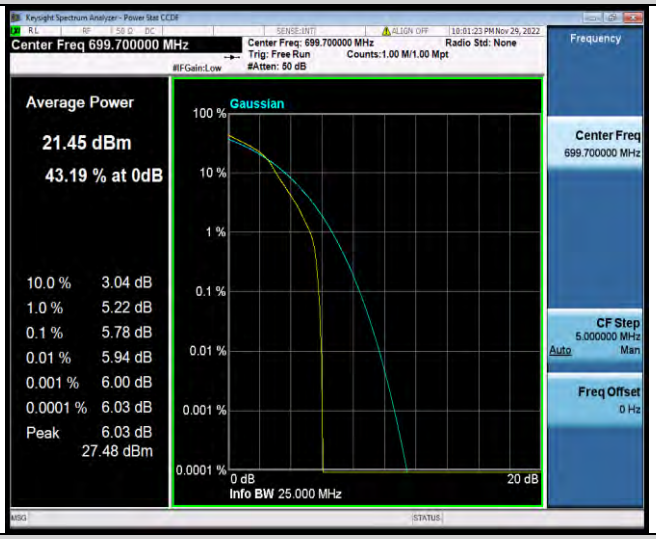


Band12-1.4MHz-16QAM-23017-1RB#0



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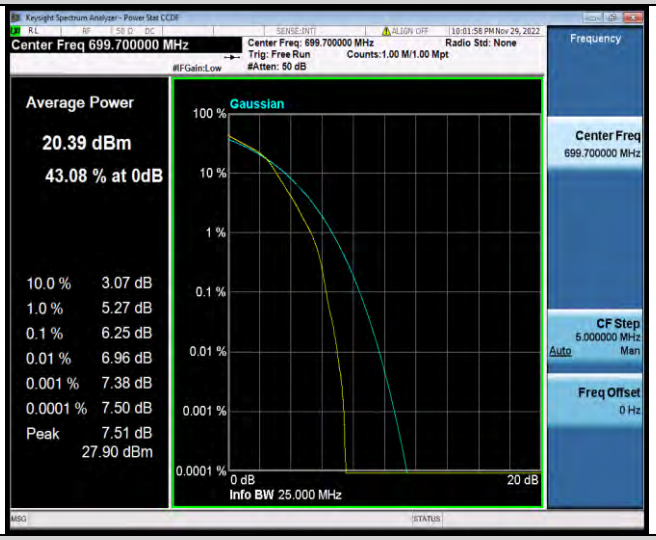

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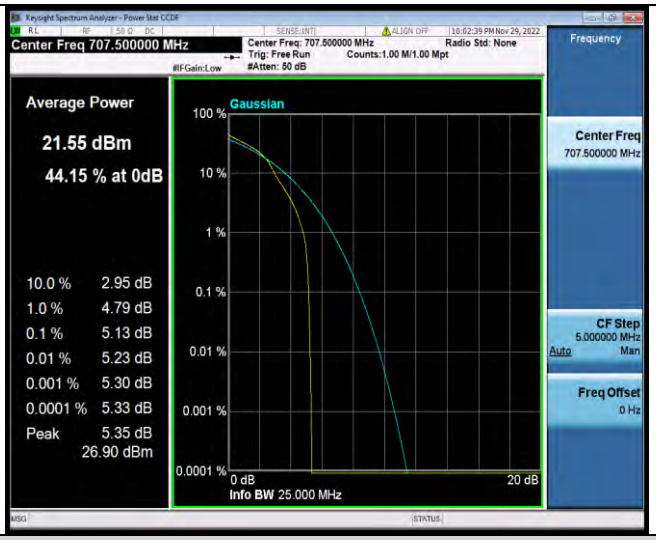

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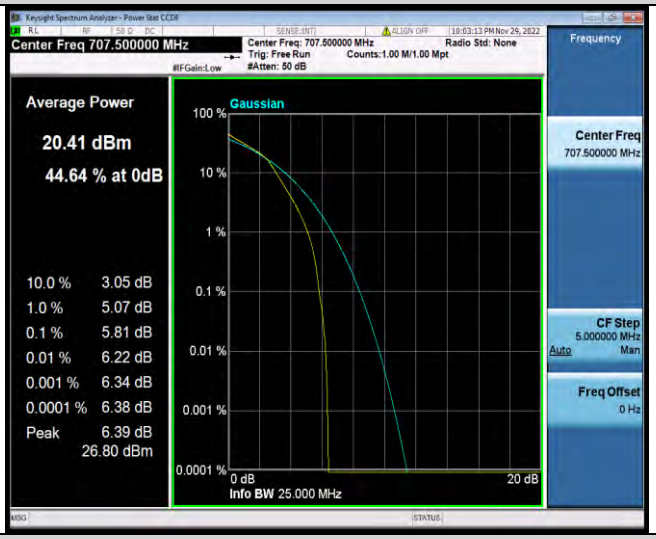
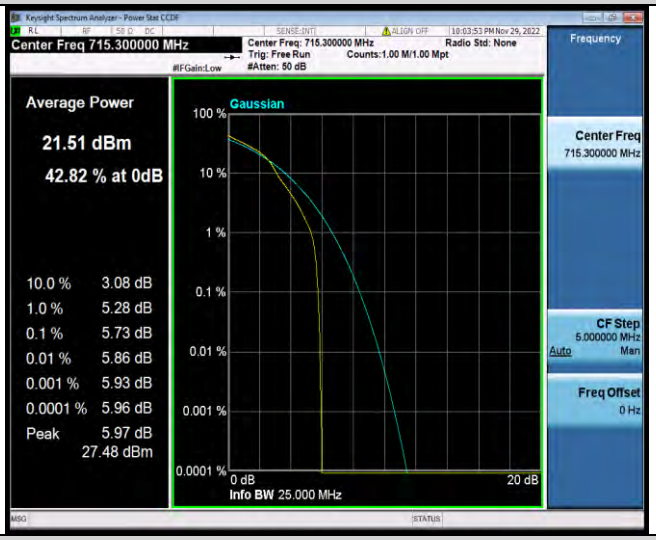
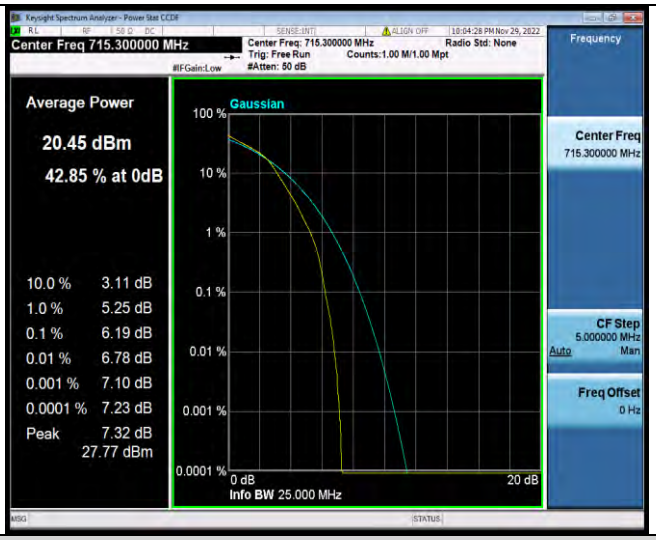


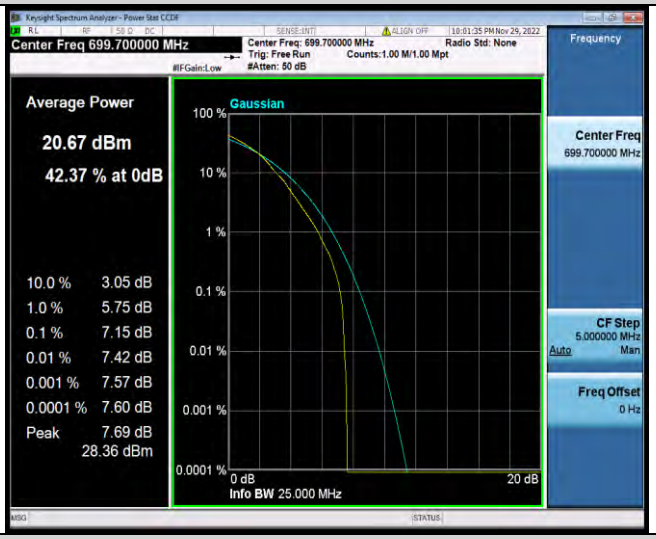
Band12-1.4MHz-16QAM-23173-1RB#0



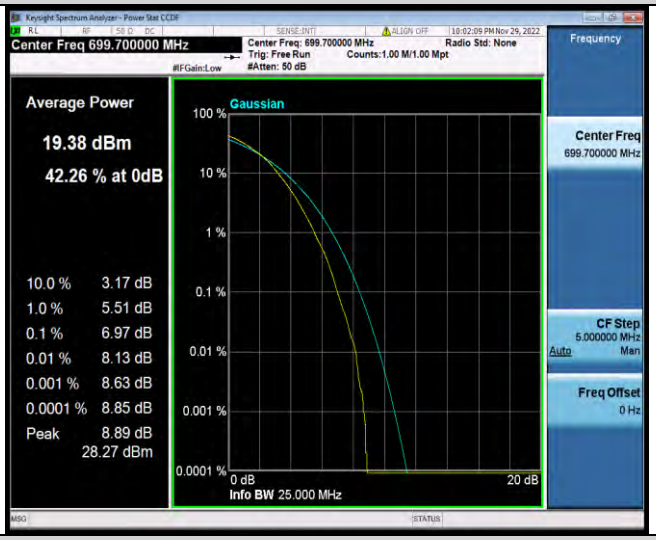
Band12-1.4MHz-16QAM-23173-6RB#0



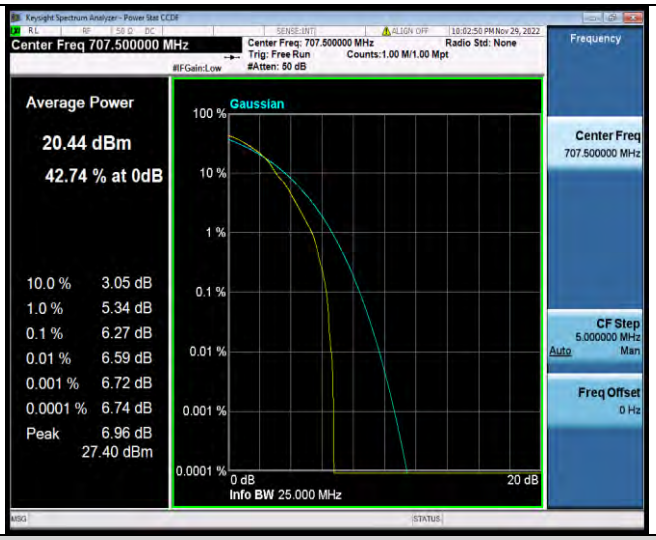
Band12-1.4MHz-64QAM-23017-1RB#0



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



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



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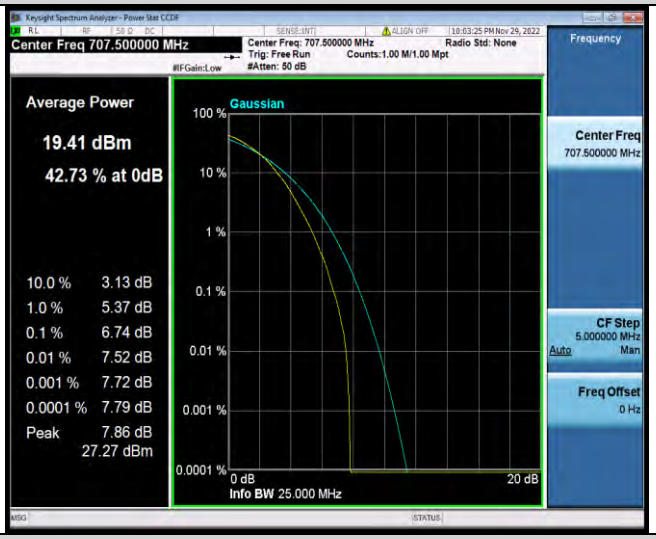
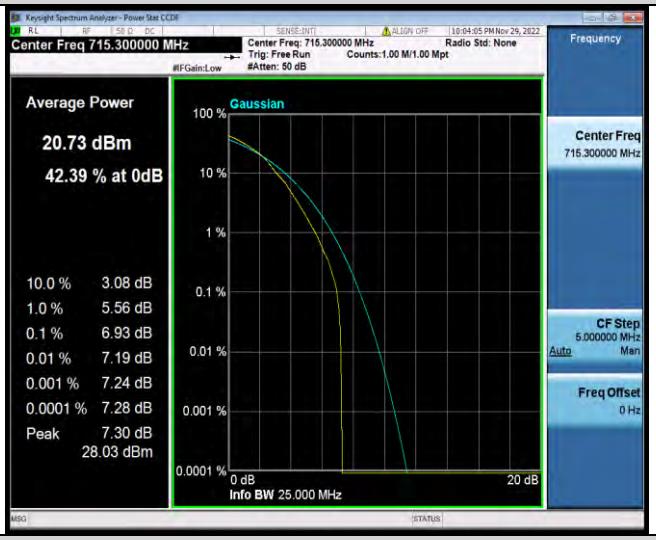


Band12-1.4MHz-64QAM-23173-1RB#0



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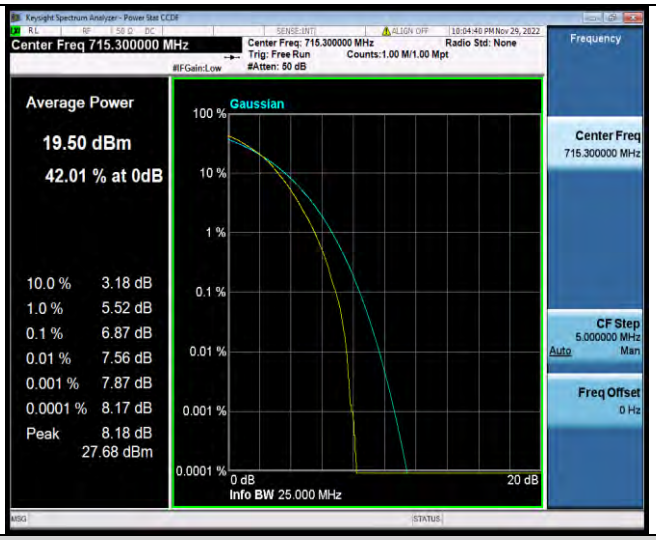
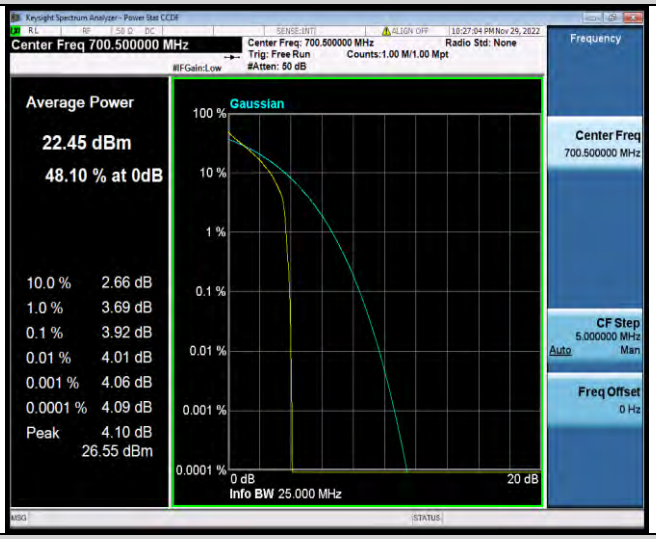
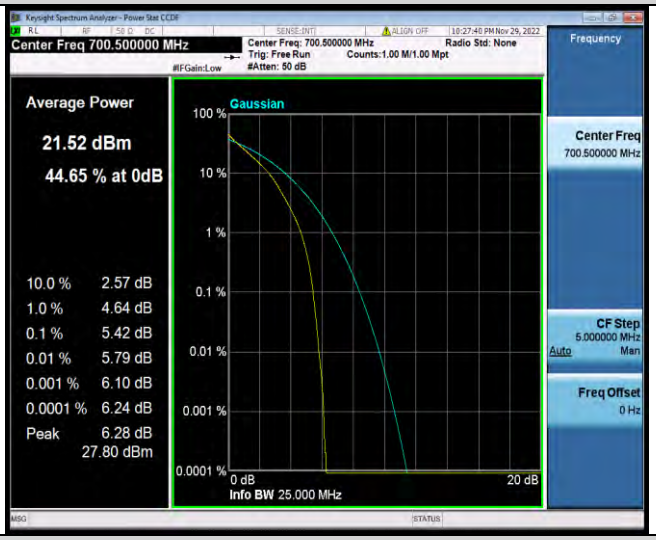


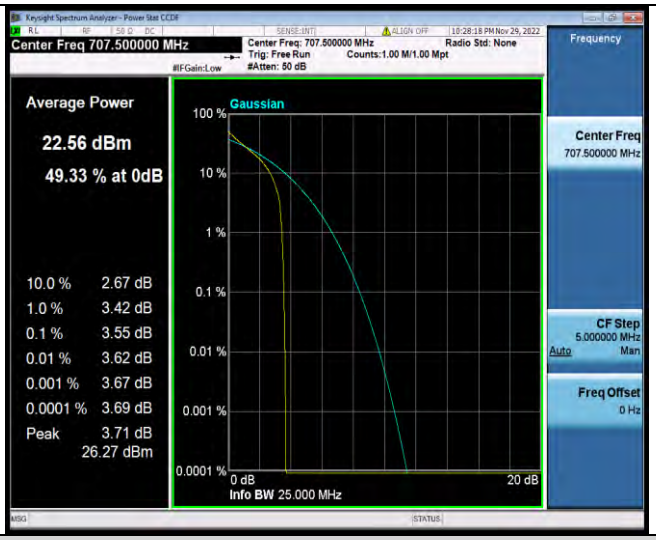
Band12-3MHz-QPSK-23025-1RB#0



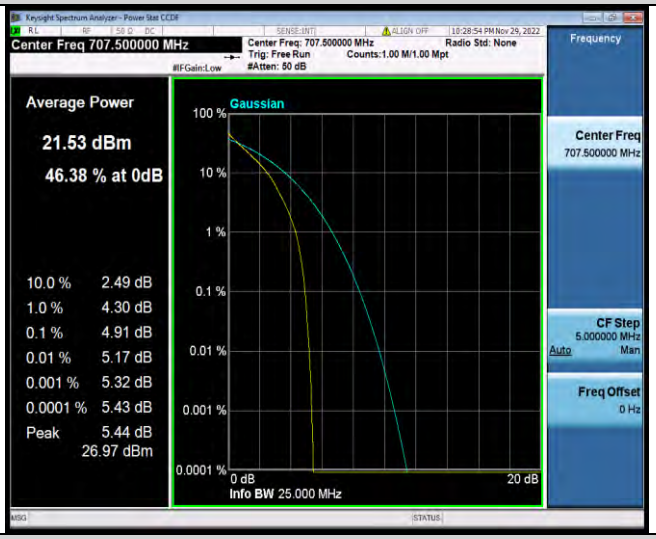
Band12-3MHz-QPSK-23025-15RB#0



Band12-3MHz-QPSK-23095-1RB#0



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



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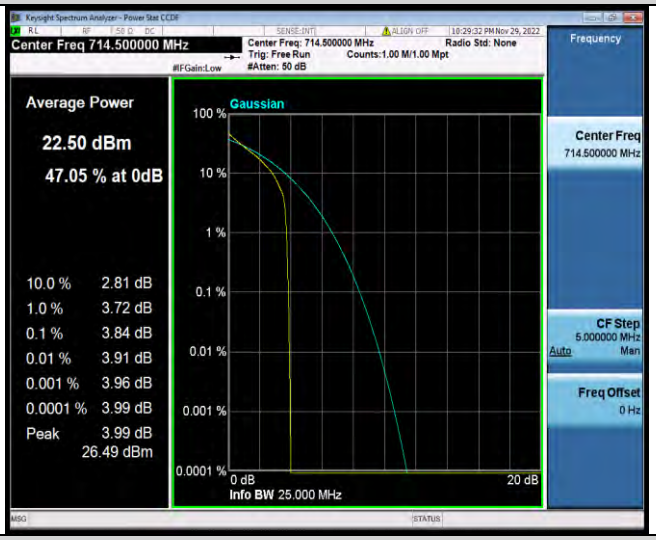

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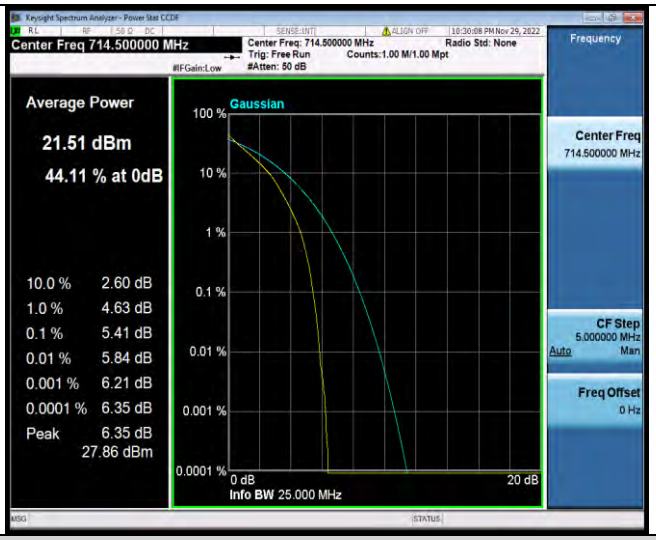
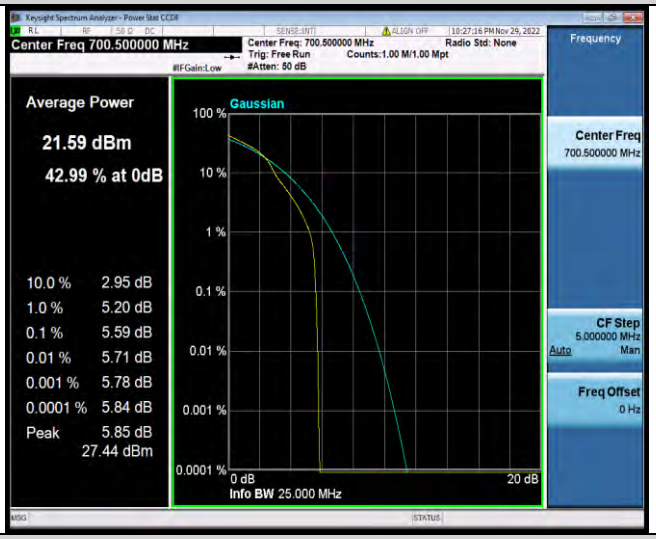


Band12-3MHz-16QAM-23025-1RB#0



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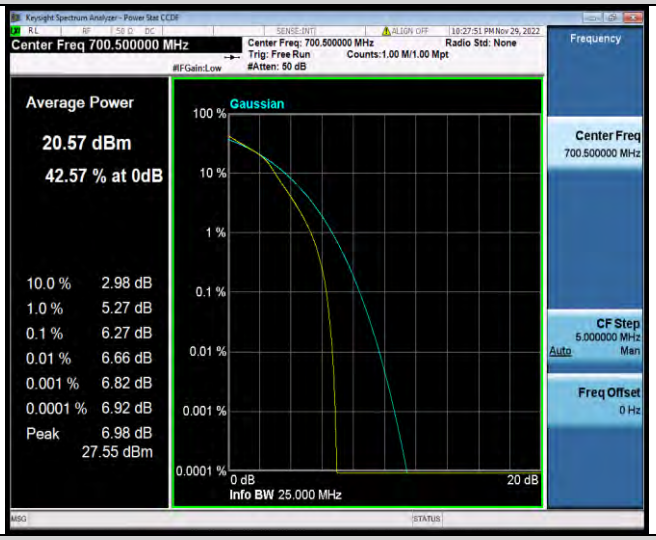
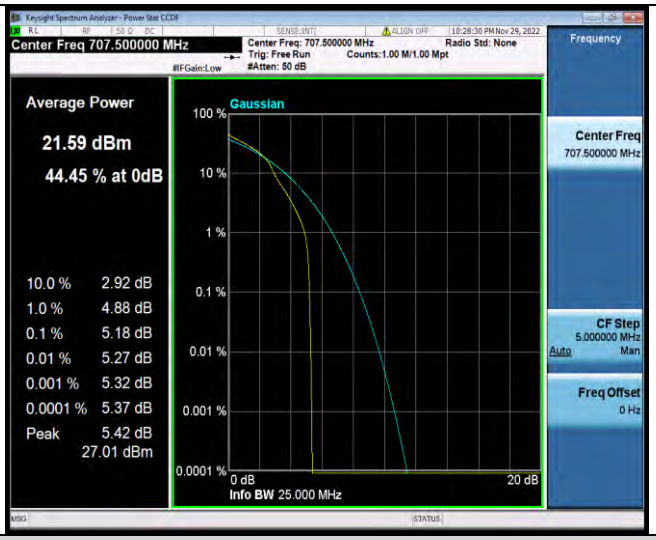


Band12-3MHz-16QAM-23095-1RB#0



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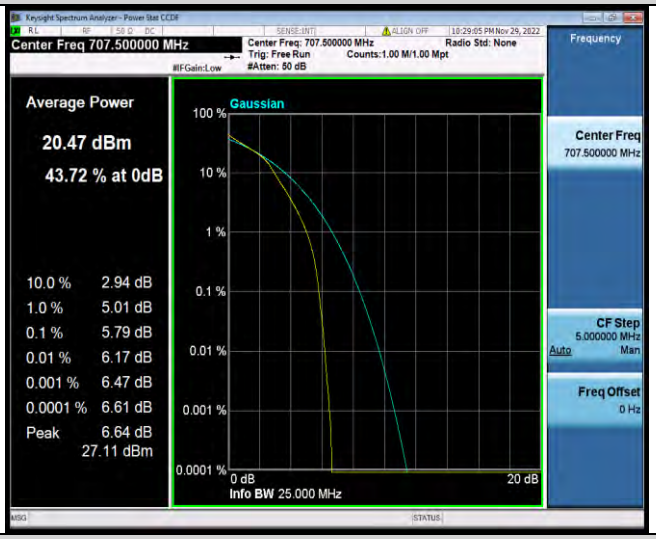

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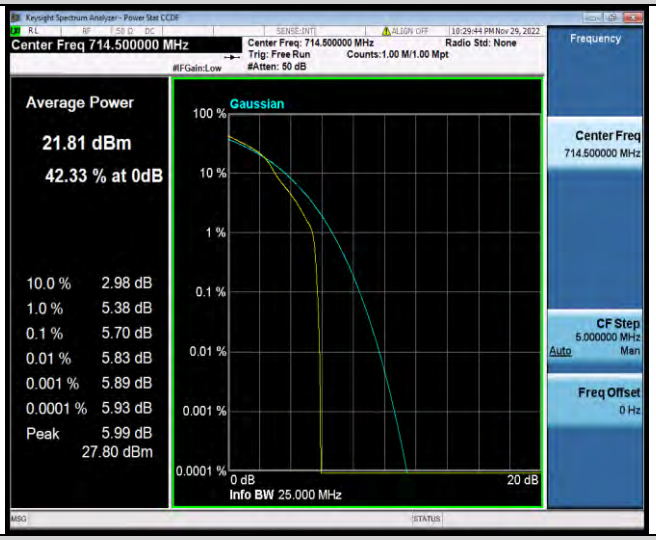

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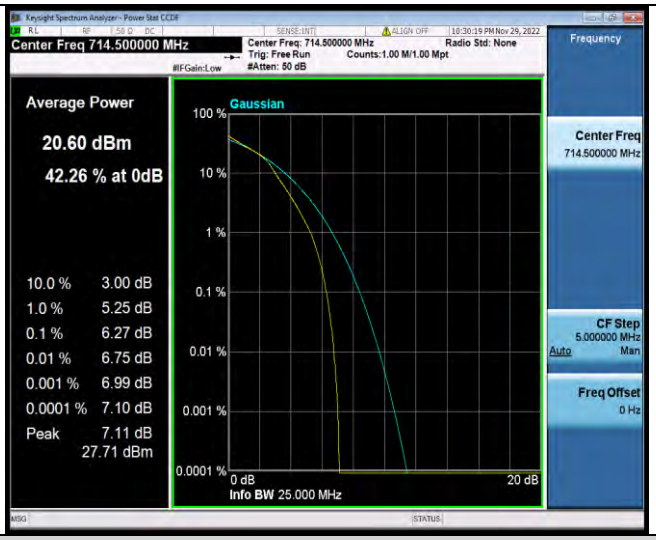

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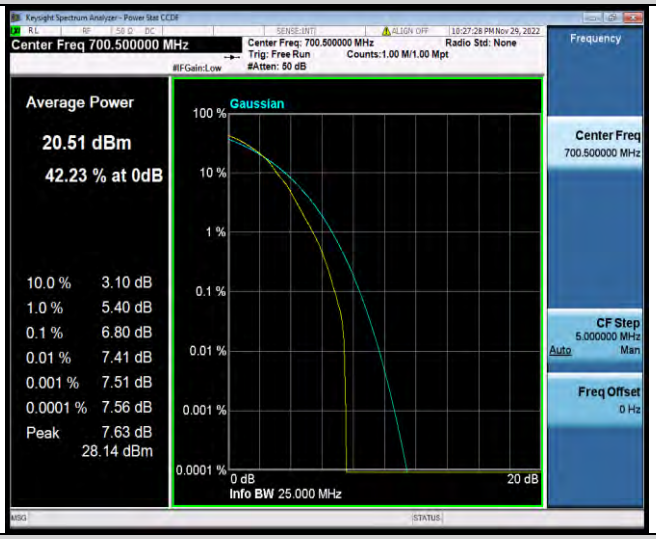

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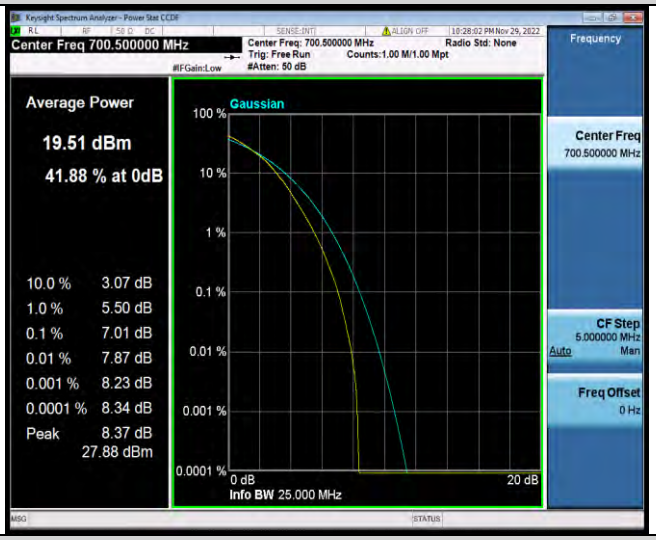

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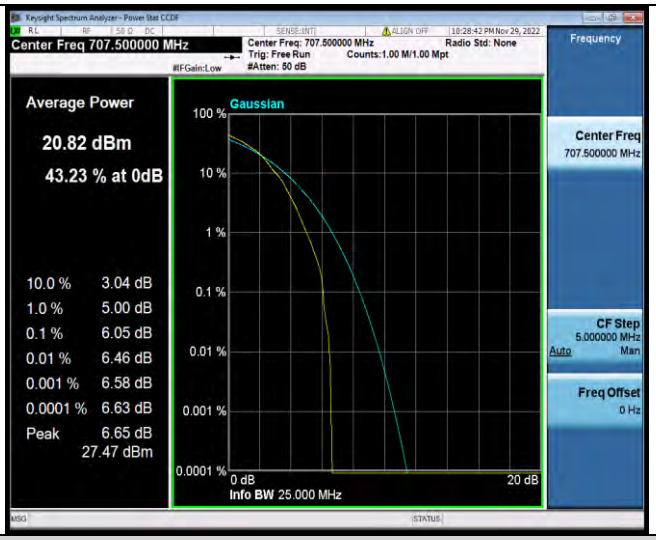

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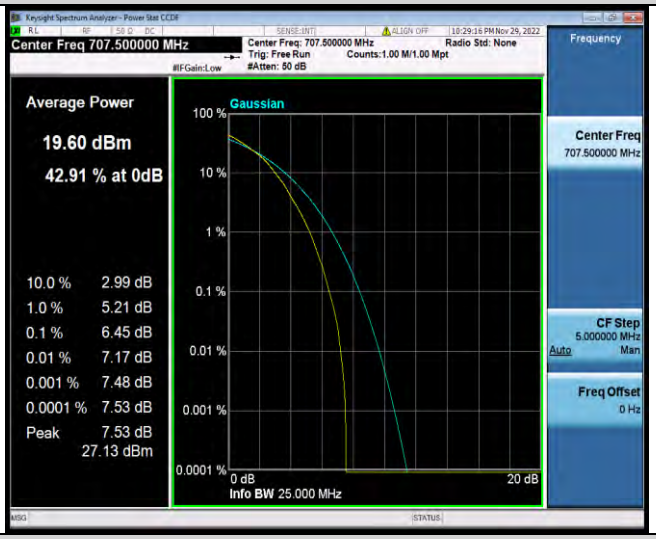

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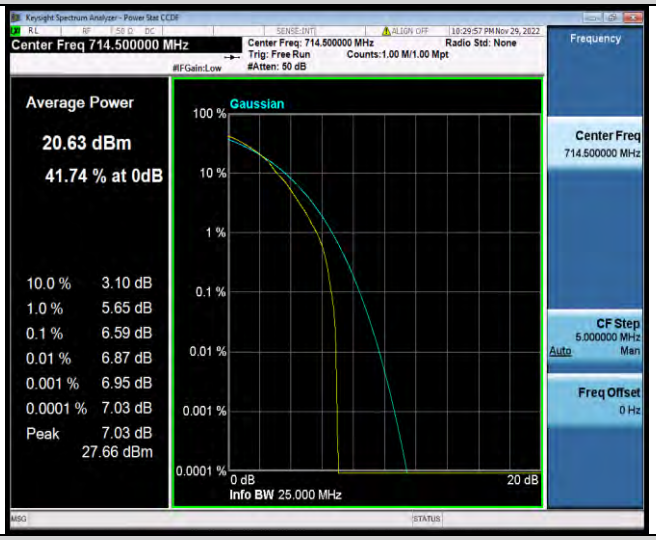

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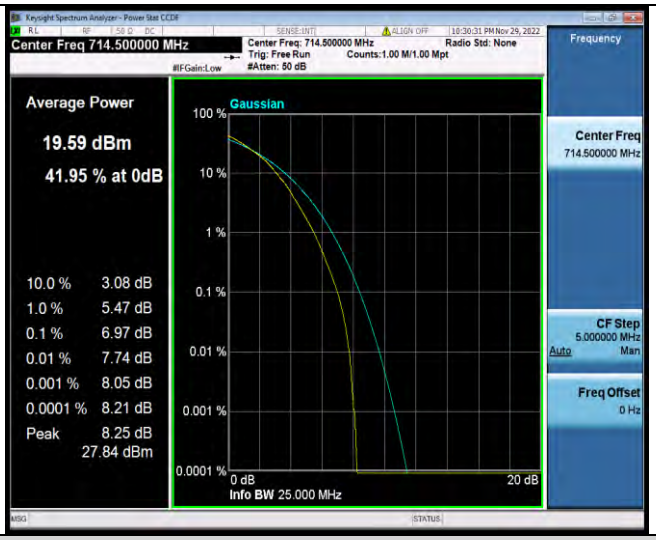

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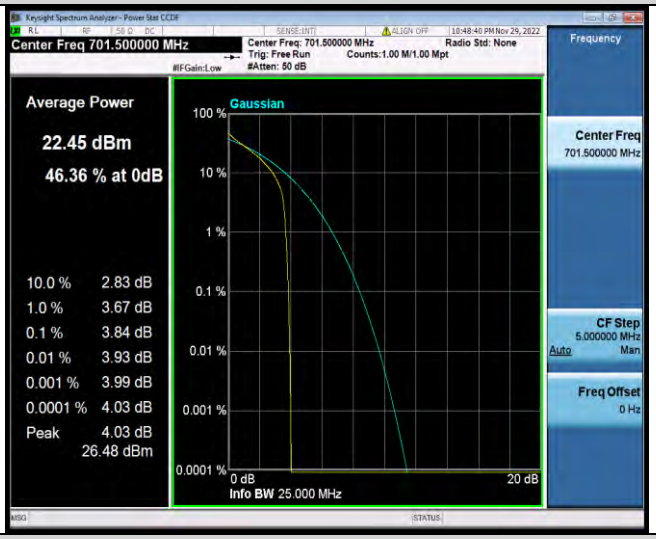

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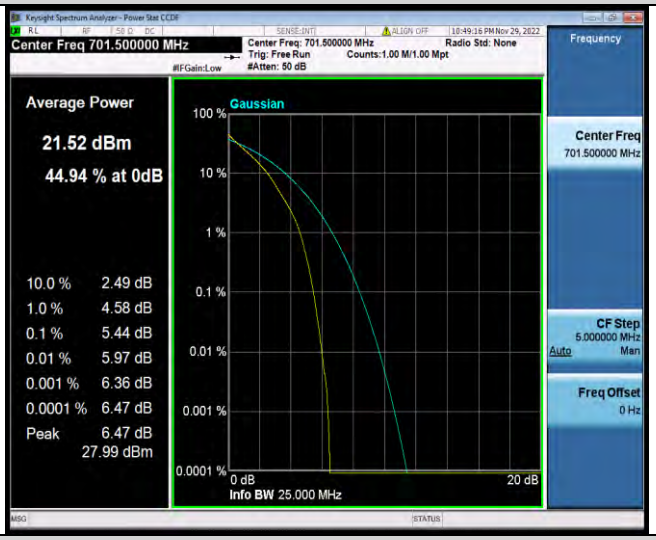

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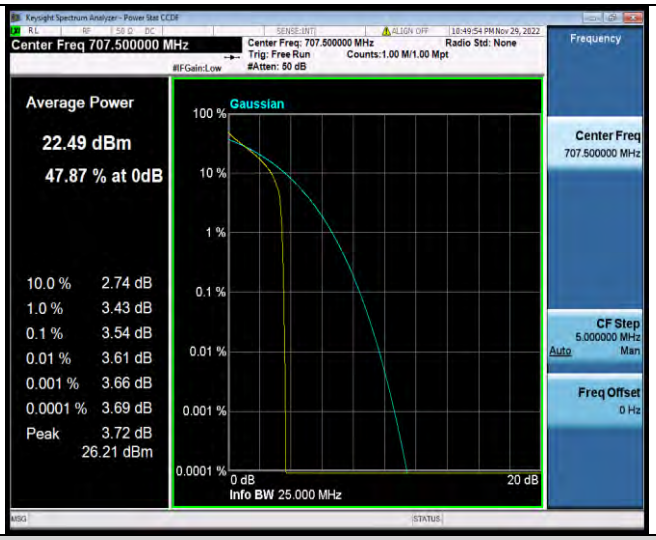

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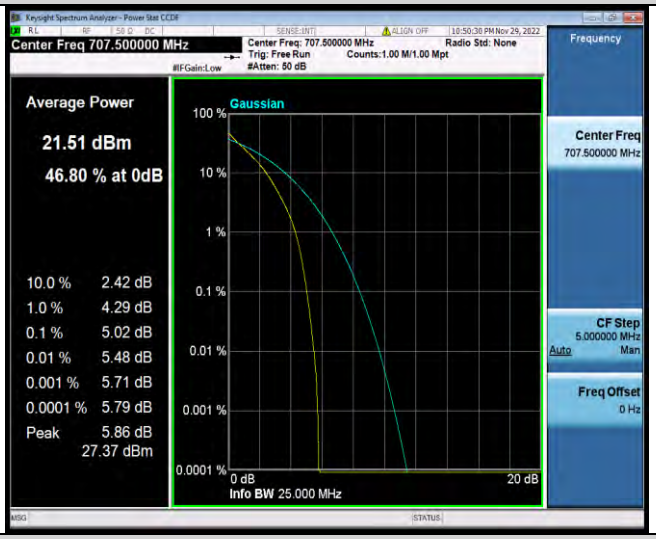

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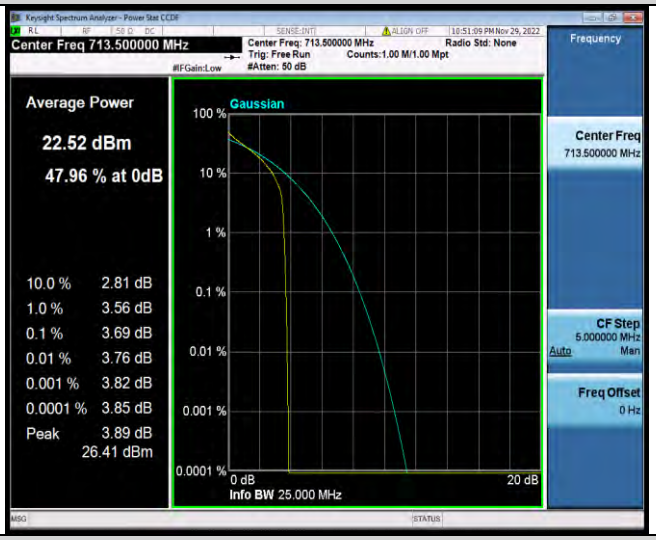

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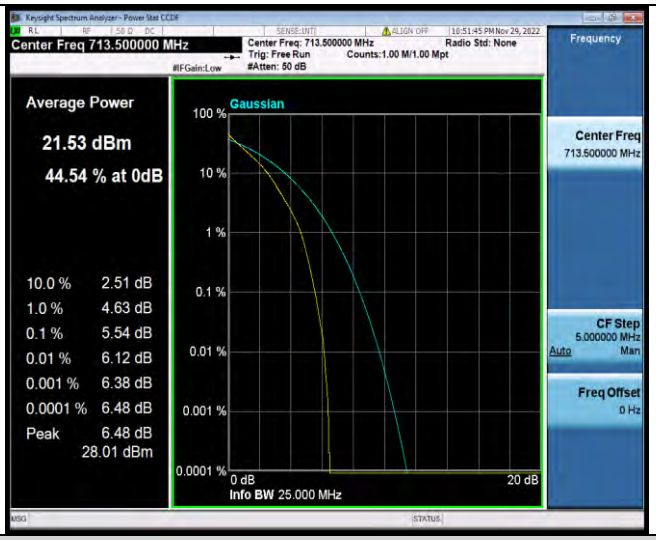

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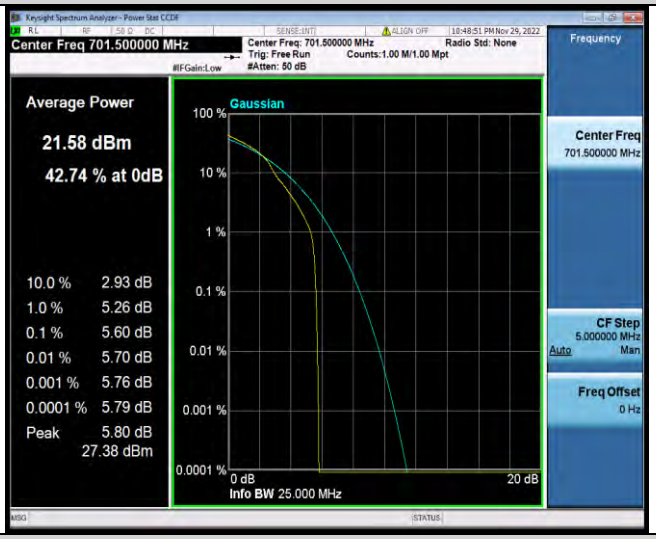

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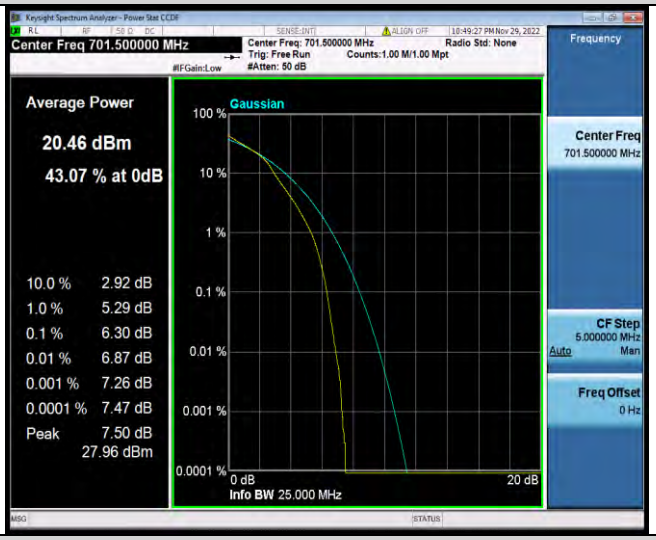

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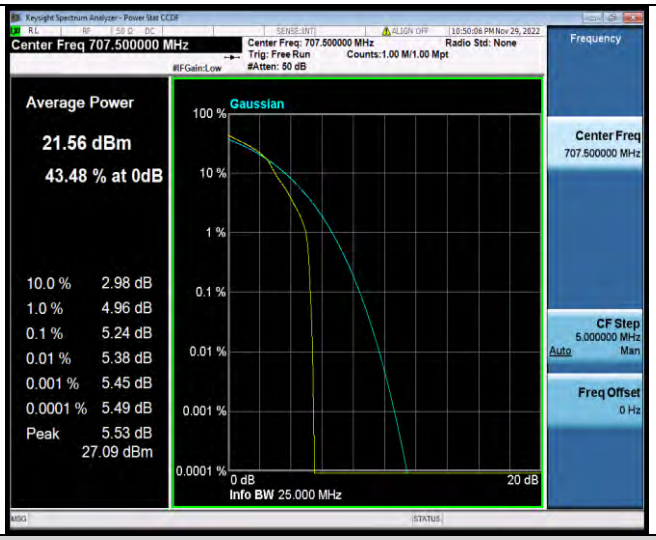

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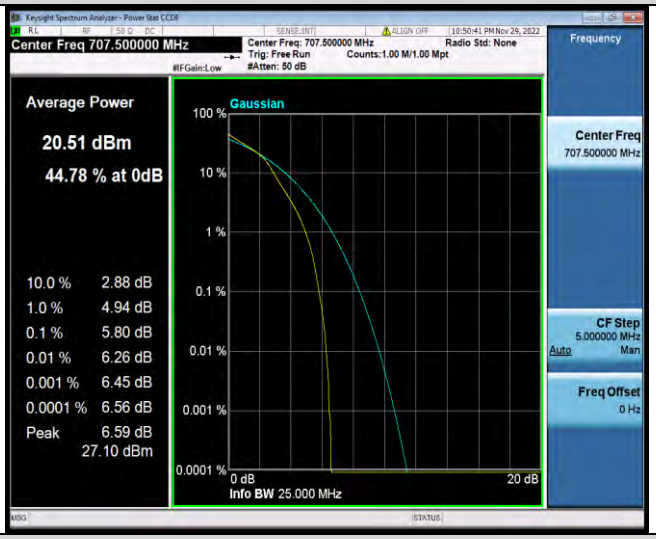

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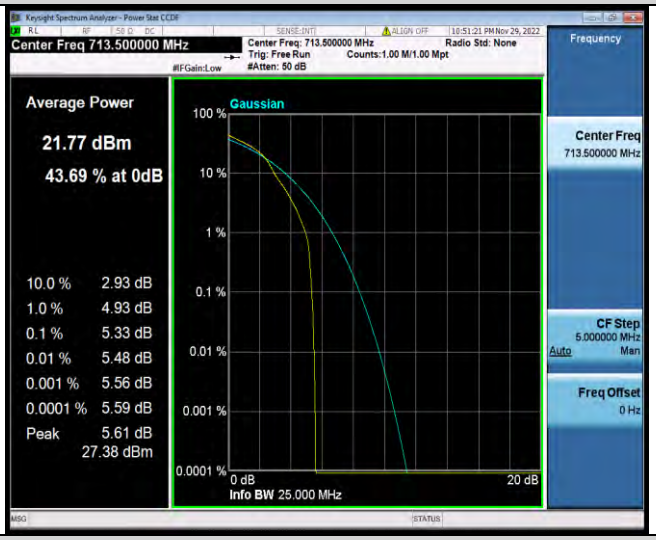

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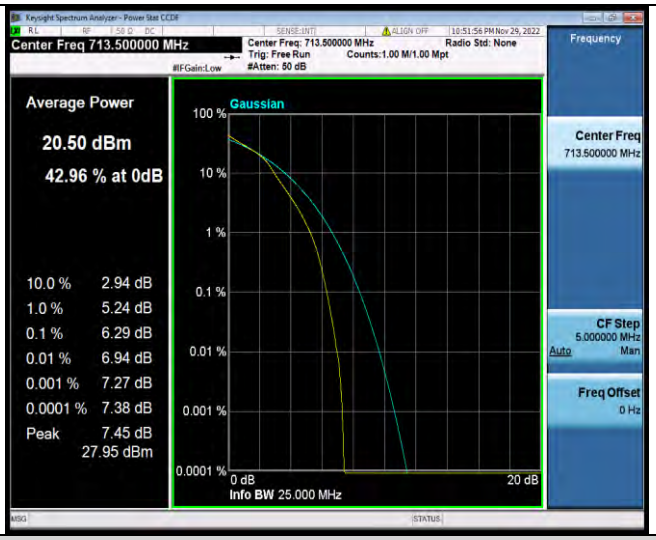

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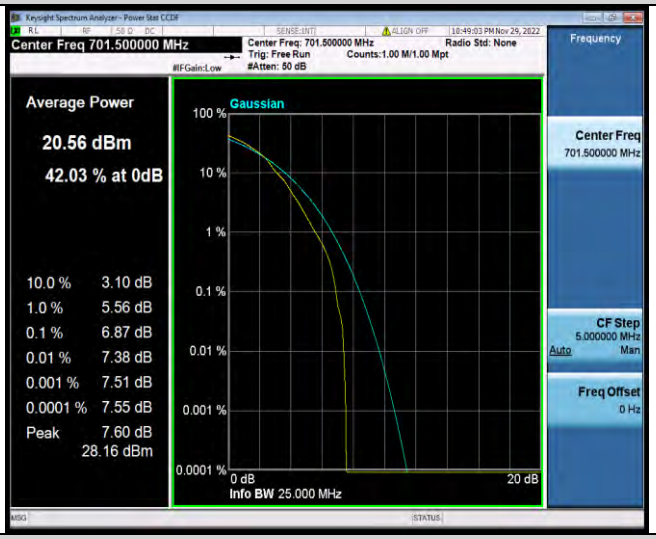

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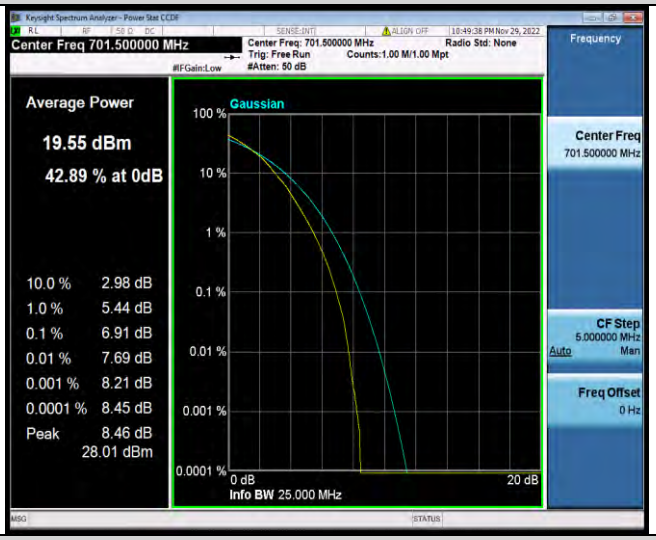

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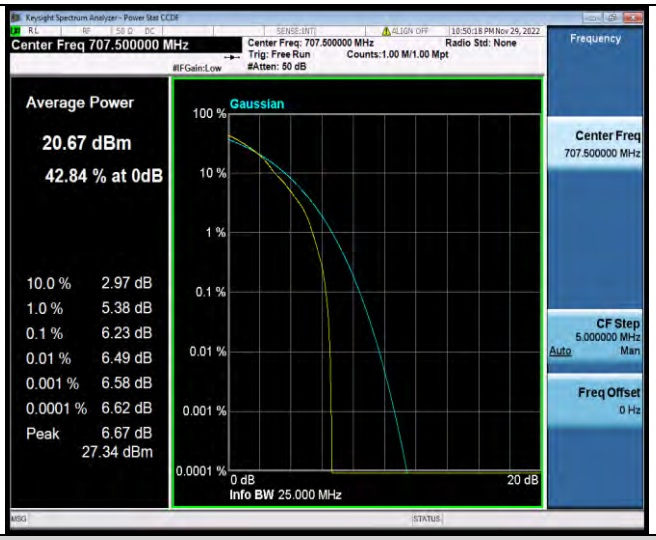

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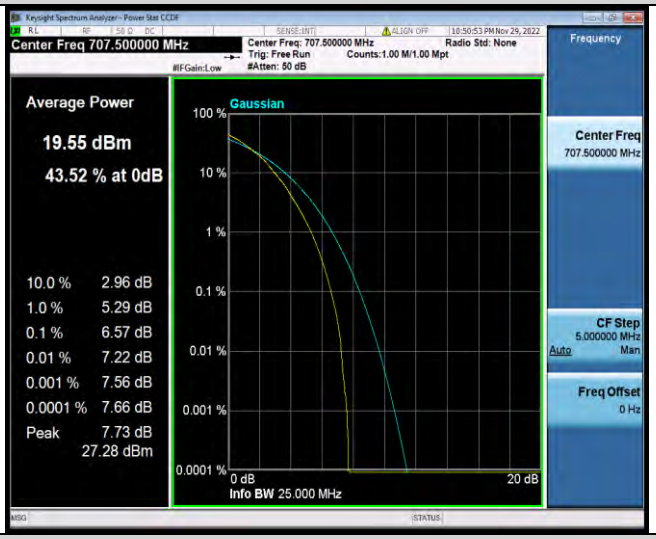

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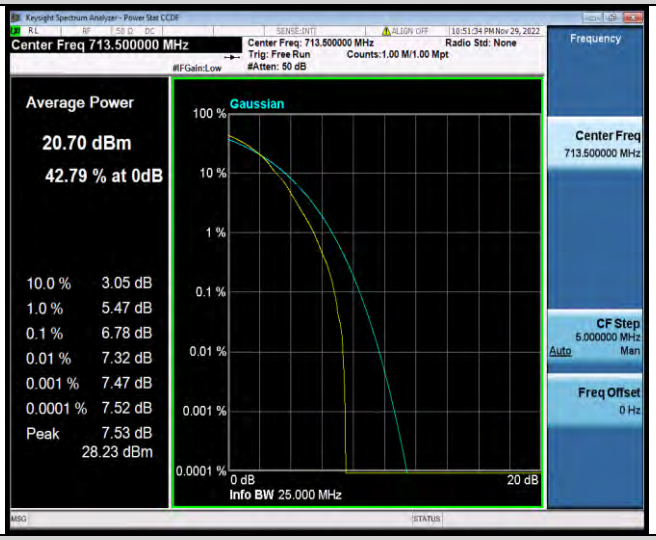

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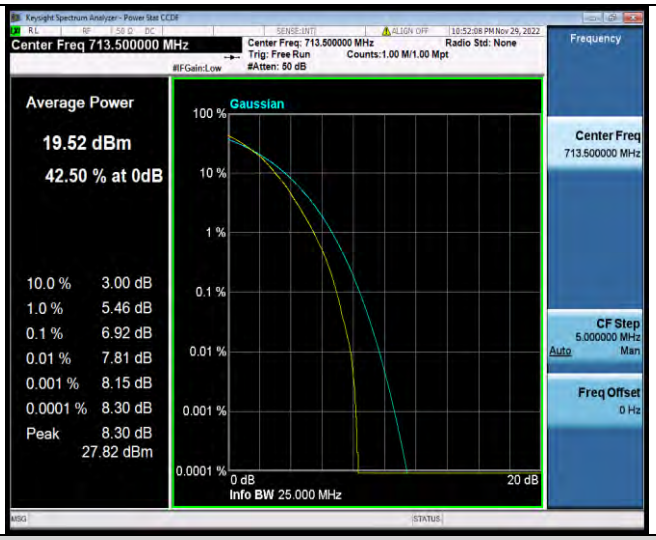

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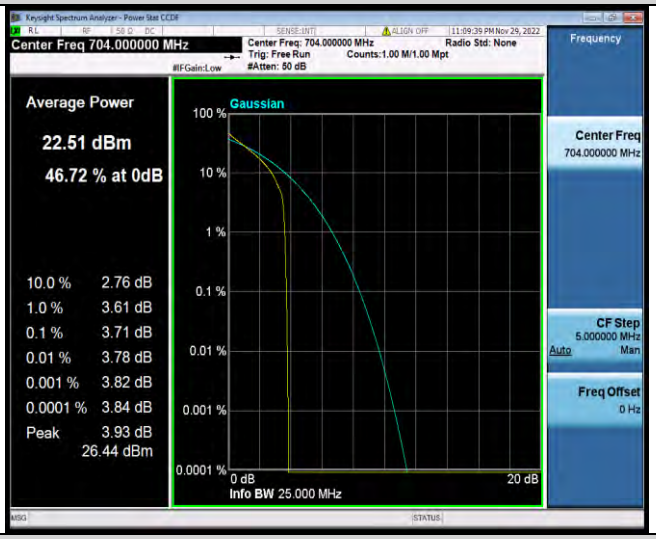

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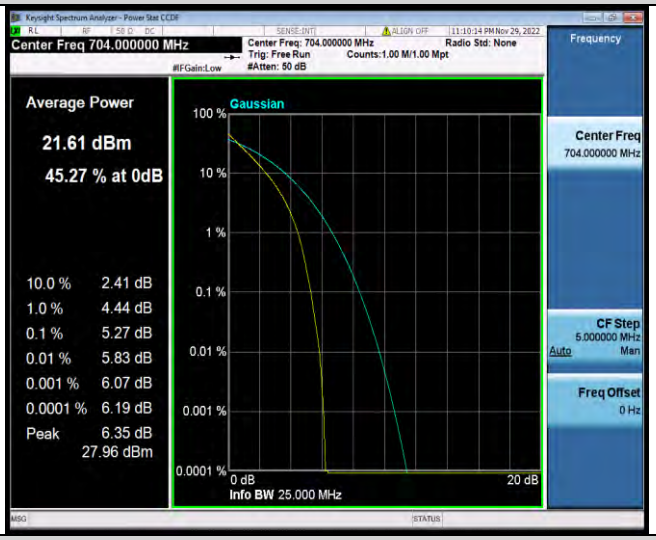

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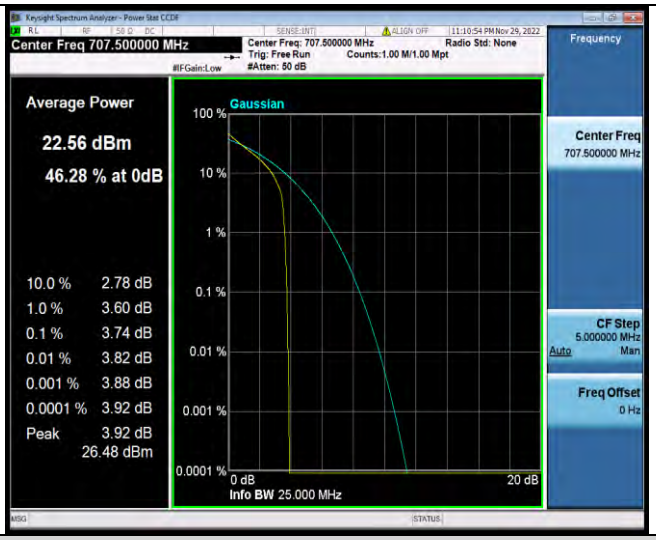

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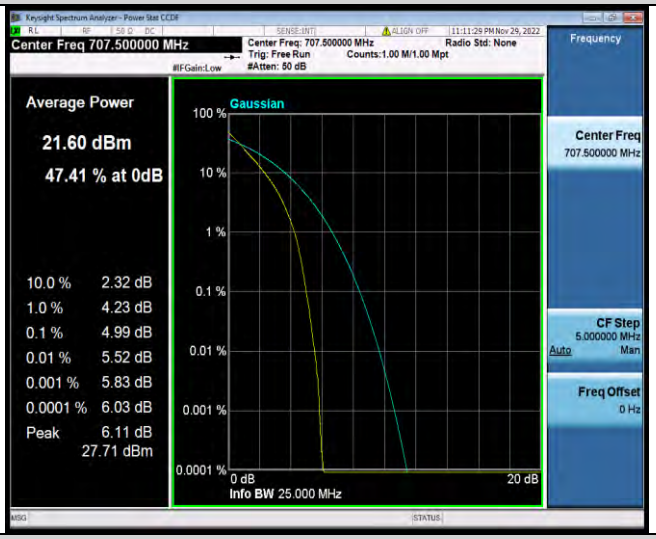

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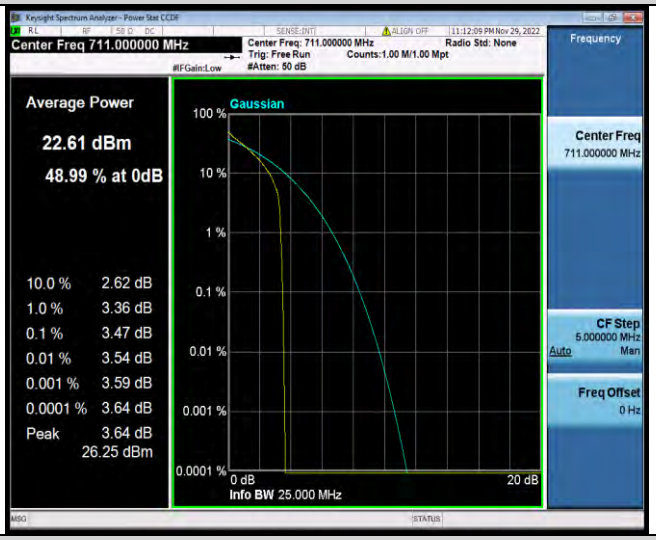

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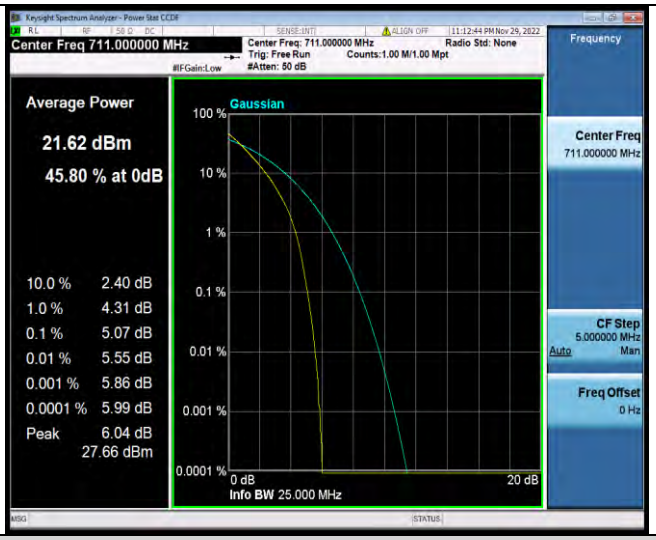

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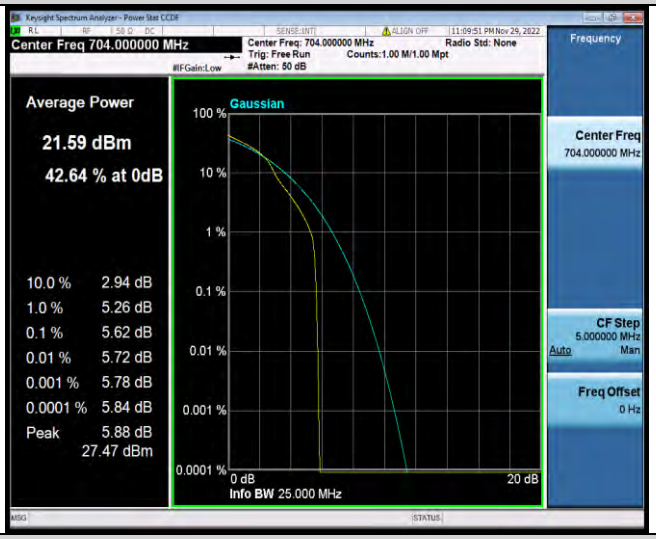

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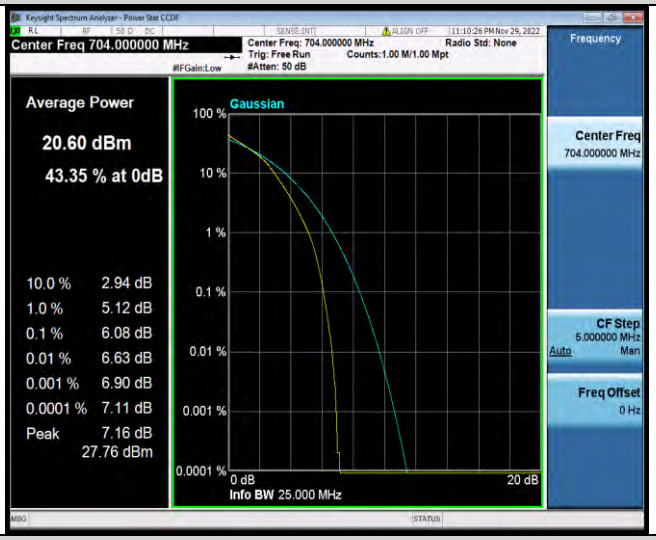

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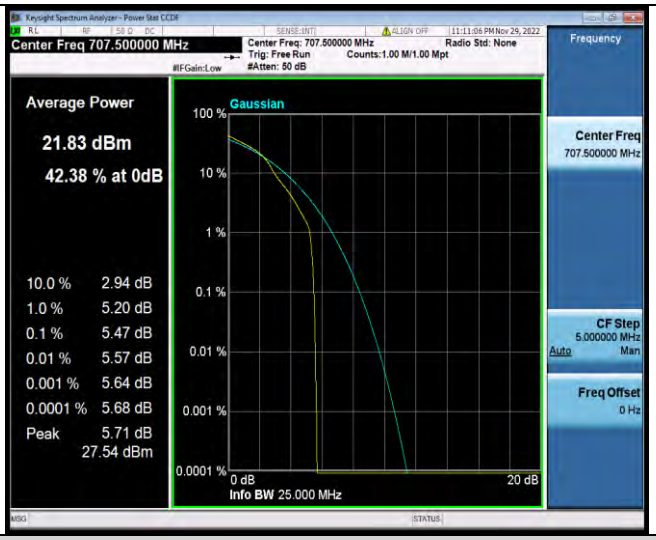

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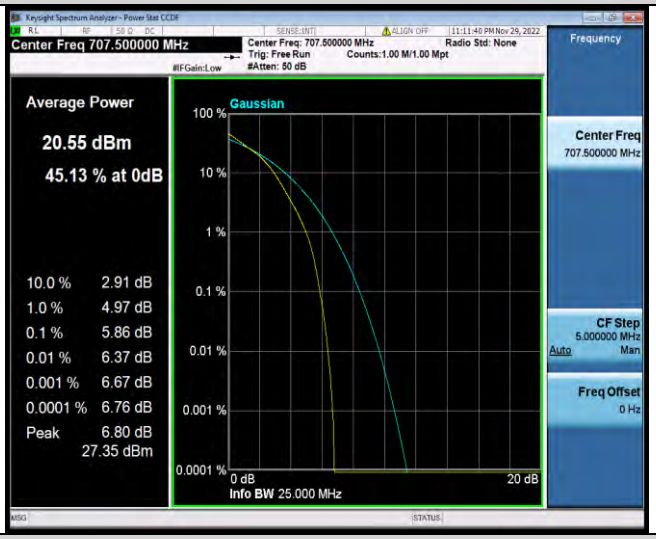

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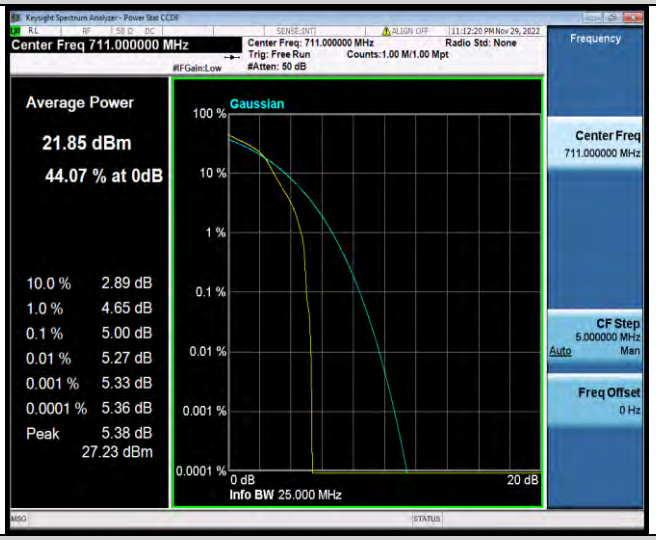

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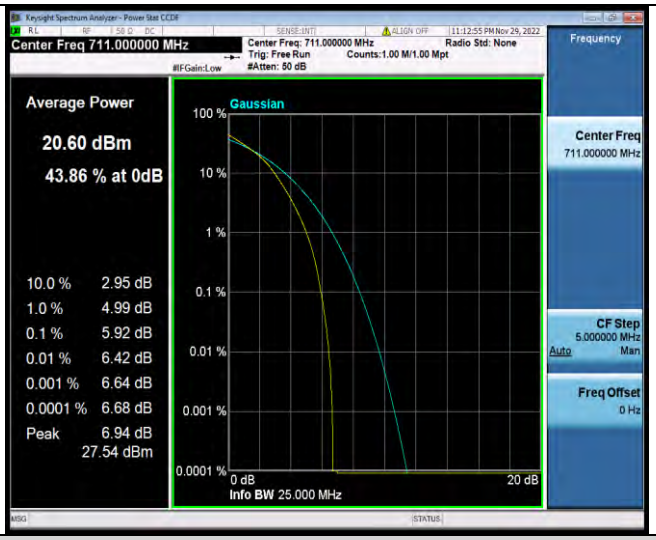

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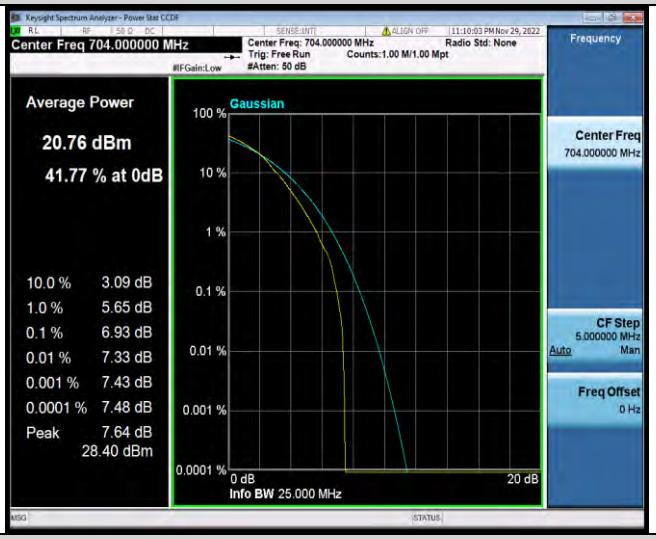

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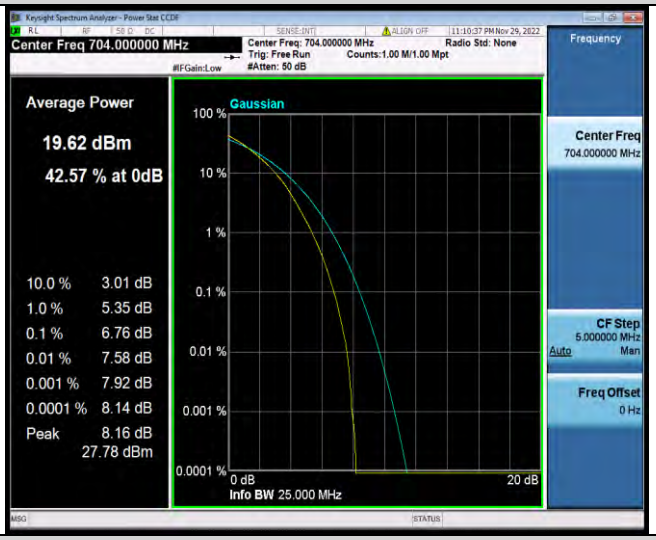

Band12-10MHz-64QAM-23095-1RB#0