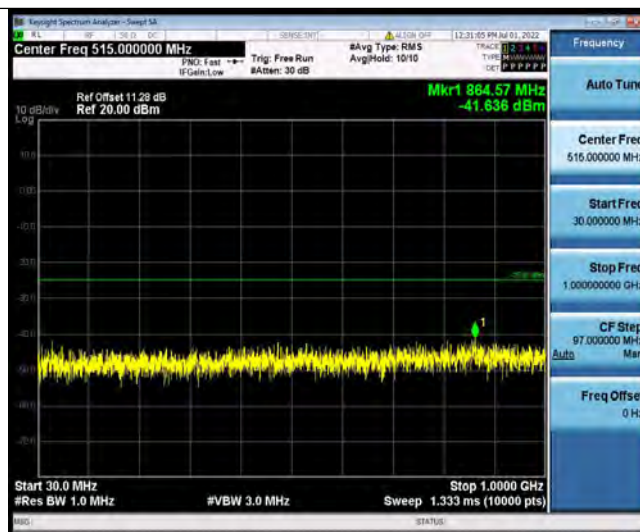
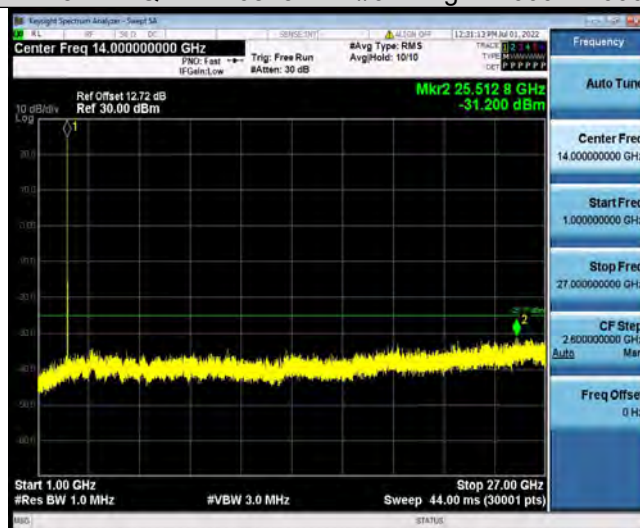
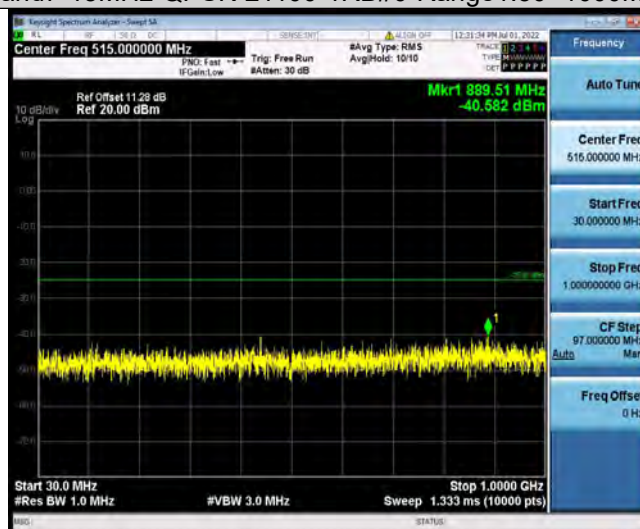




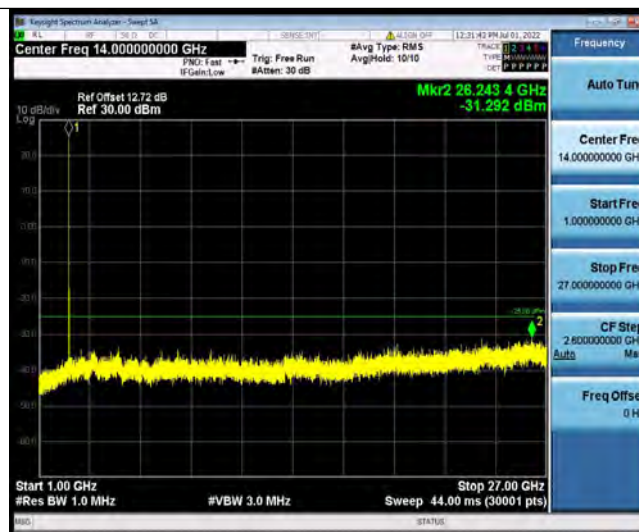
Band7-15MHz-QPSK-20825-1RB#0-Range2:1000~27000MHz



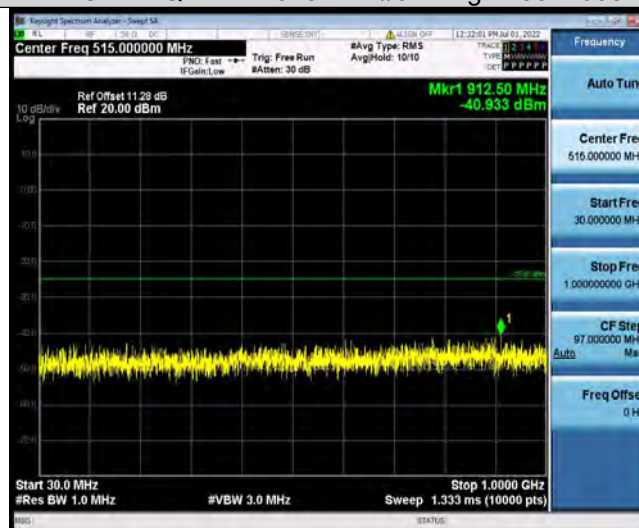
Band7-15MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



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



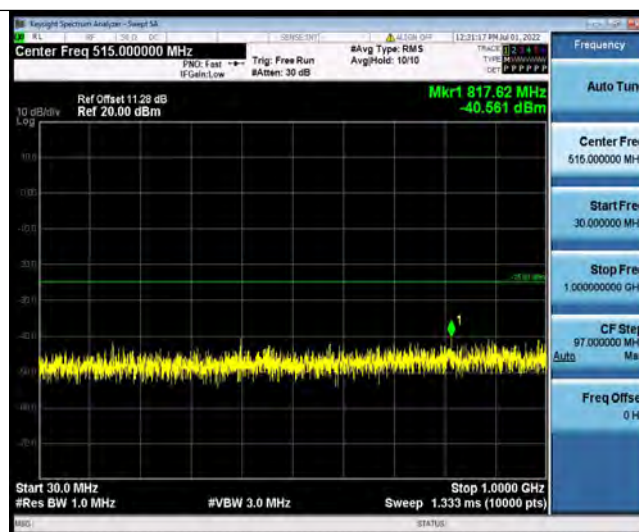
Band7-15MHz-QPSK-21375-1RB#0-Range1:30~1000MHz



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



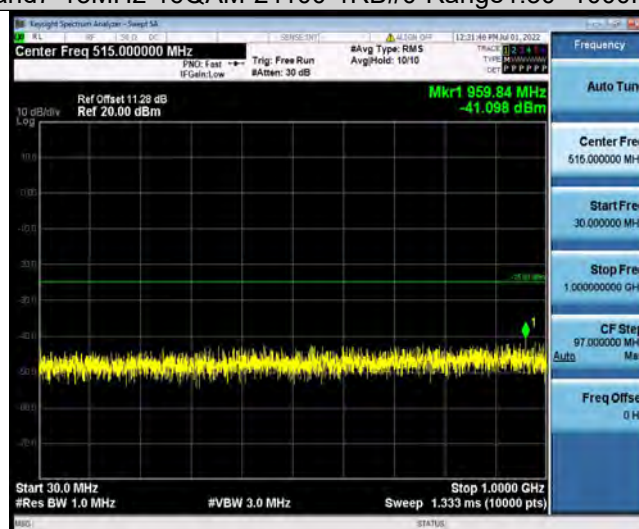
Band7-15MHz-16QAM-20825-1RB#0-Range1:30~1000MHz



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



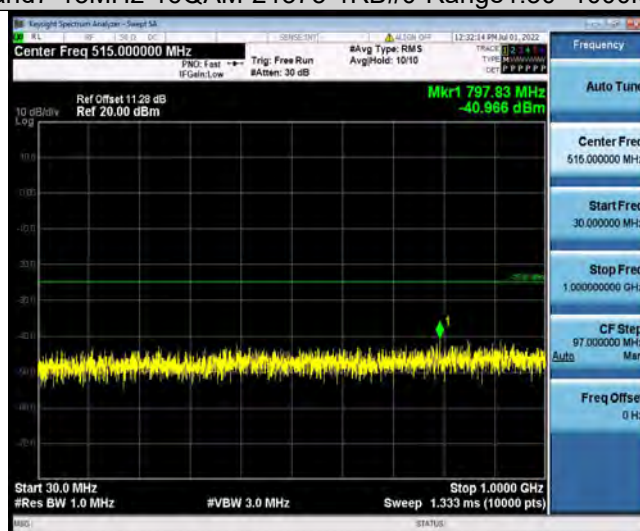
Band7-15MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



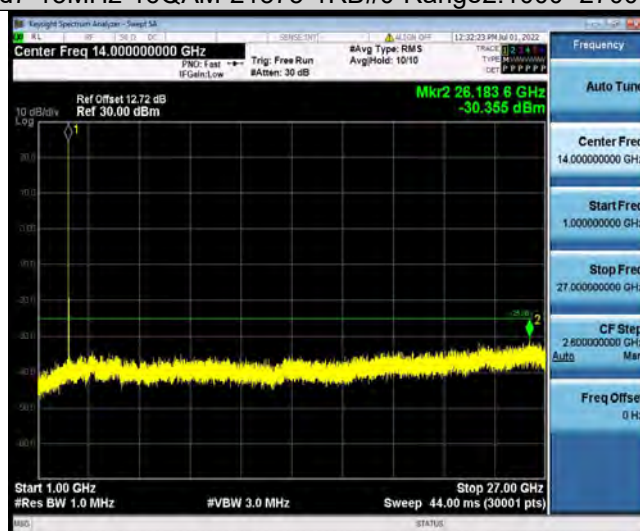
Band7-15MHz-16QAM-21100-1RB#0-Range2:1000~27000MHz



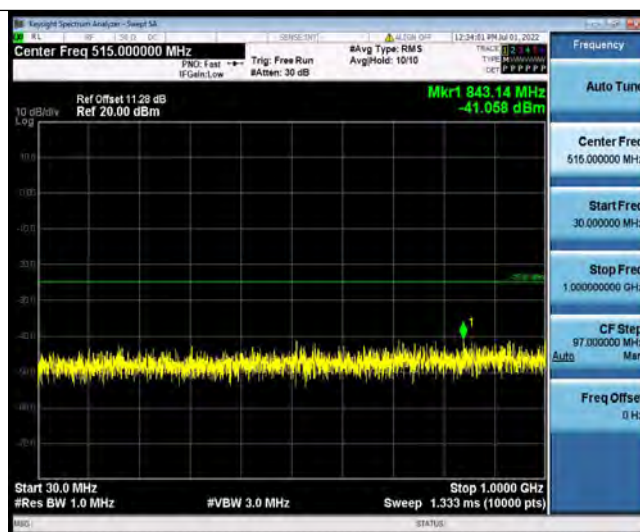
Band7-15MHz-16QAM-21375-1RB#0-Range1:30~1000MHz



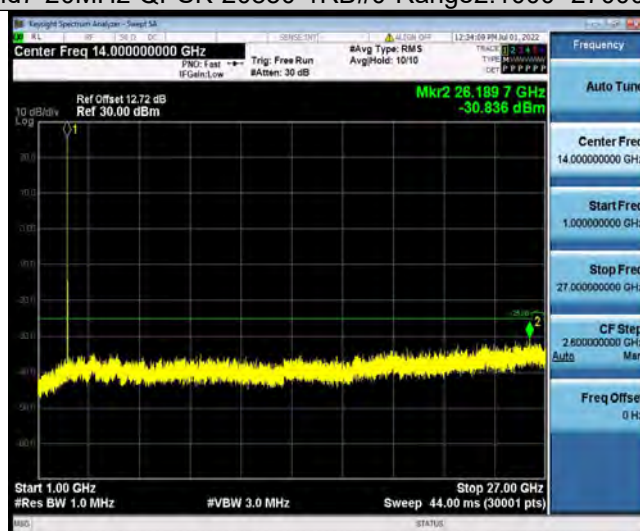
Band7-15MHz-16QAM-21375-1RB#0-Range2:1000~27000MHz



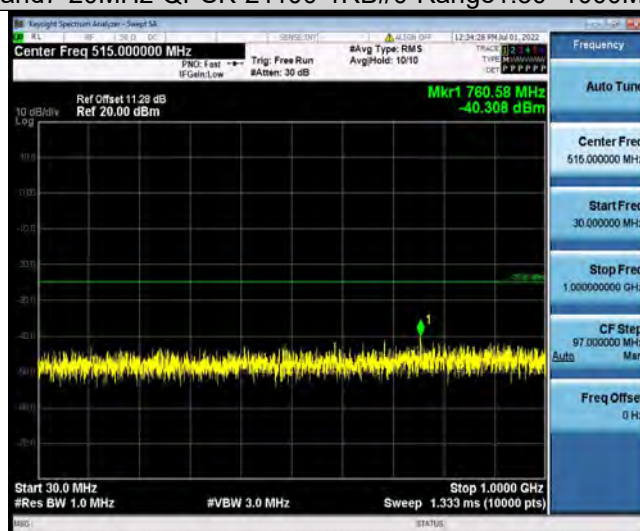
Band7-20MHz-QPSK-20850-1RB#0-Range1:30~1000MHz



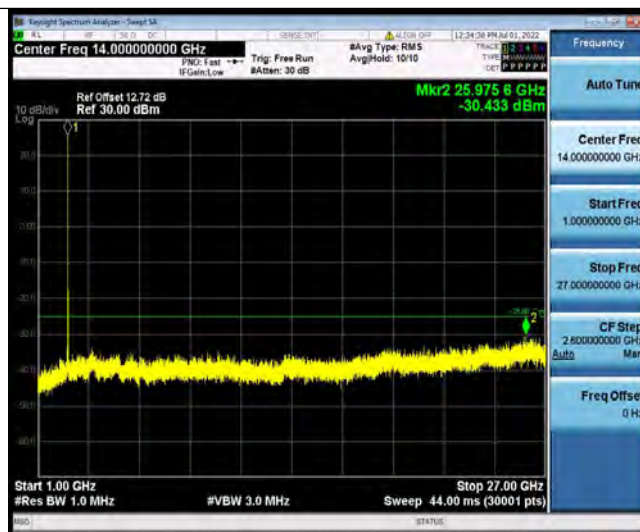
Band7-20MHz-QPSK-20850-1RB#0-Range2:1000~27000MHz



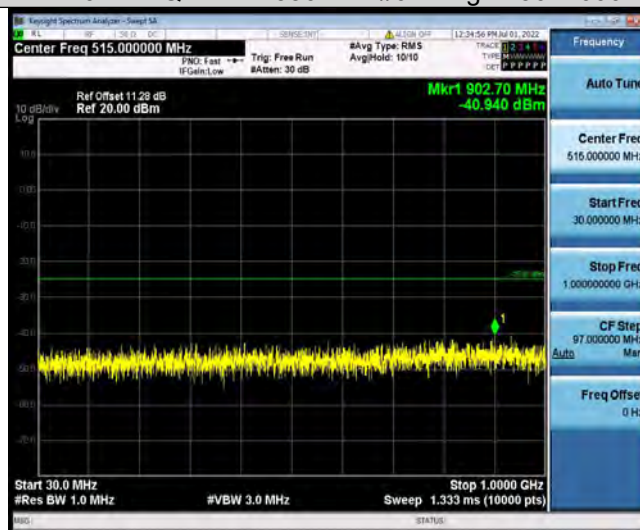
Band7-20MHz-QPSK-21100-1RB#0-Range1:30~1000MHz



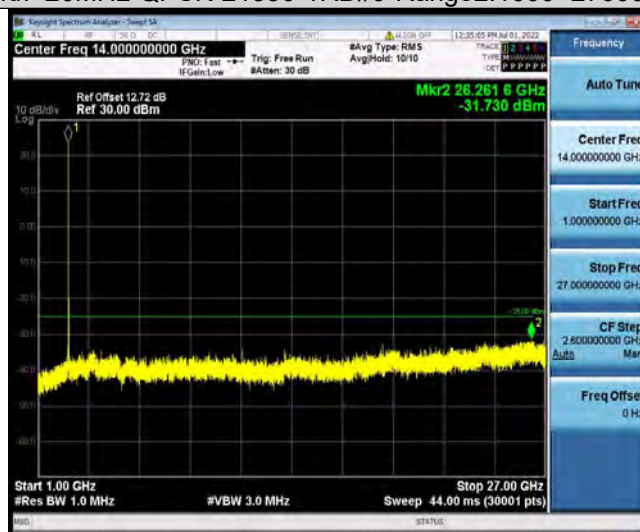
Band7-20MHz-QPSK-21100-1RB#0-Range2:1000~27000MHz



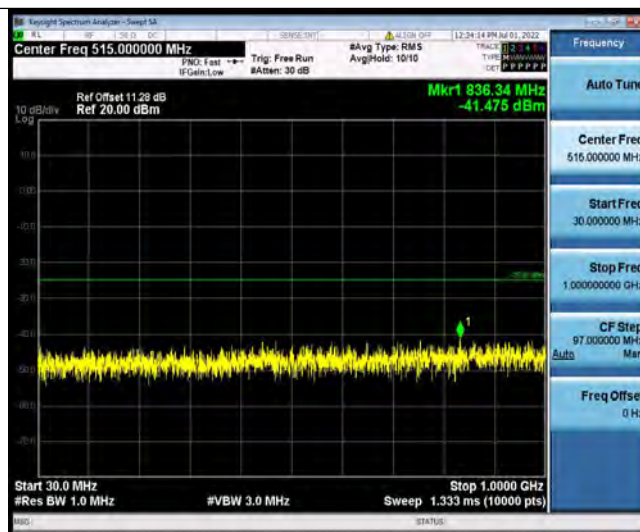
Band7-20MHz-QPSK-21350-1RB#0-Range1:30~1000MHz



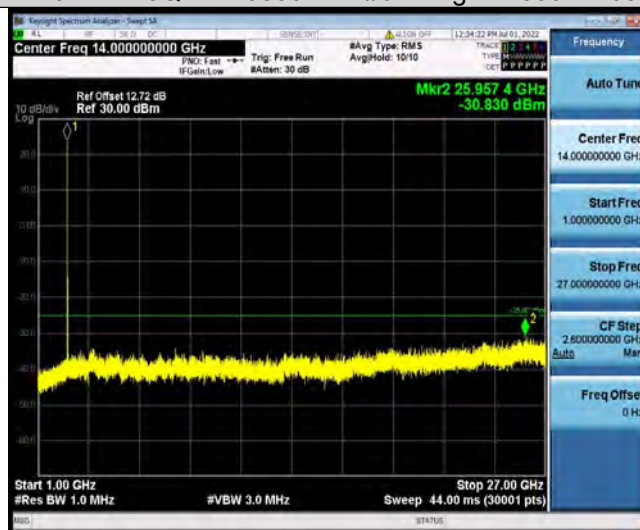
Band7-20MHz-QPSK-21350-1RB#0-Range2:1000~27000MHz



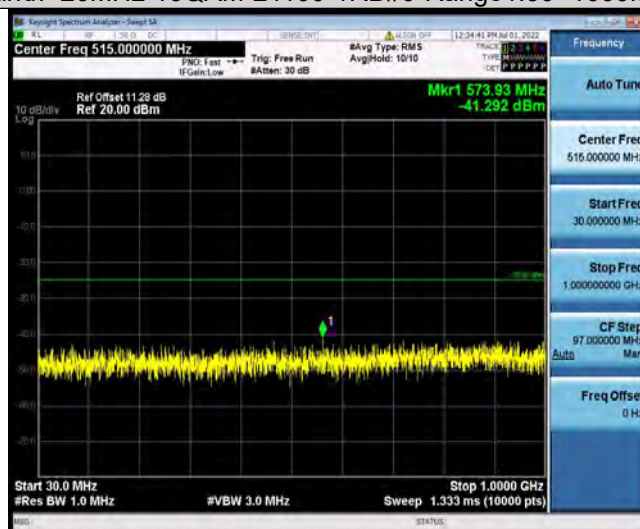
Band7-20MHz-16QAM-20850-1RB#0-Range1:30~1000MHz



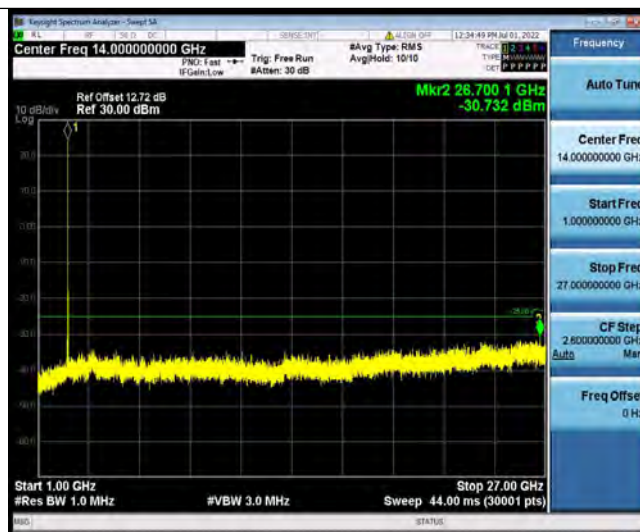
Band7-20MHz-16QAM-20850-1RB#0-Range2:1000~27000MHz



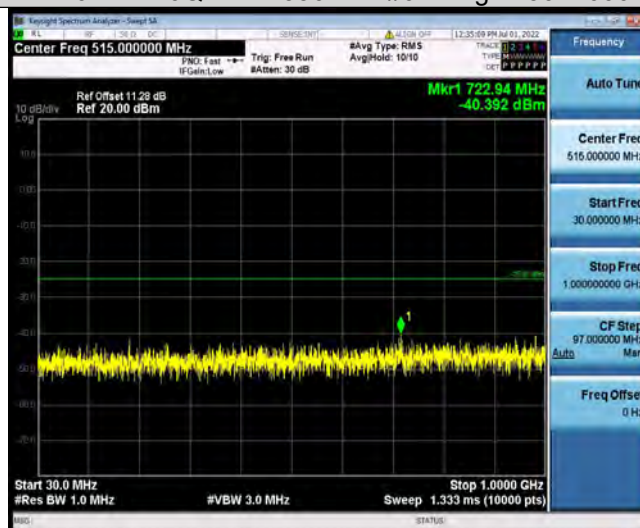
Band7-20MHz-16QAM-21100-1RB#0-Range1:30~1000MHz



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



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	VL	NT	6.08	0.002430	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VN	NT	8.87	0.003544	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	VH	NT	6.09	0.002434	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VL	NT	-7.11	-0.002805	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VN	NT	-5.79	-0.002284	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	VH	NT	-4.86	-0.001917	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VL	NT	-4.39	-0.001710	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VN	NT	3.72	0.001449	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	VH	NT	-4.13	-0.001609	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VL	NT	5.42	0.002166	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VN	NT	6.64	0.002653	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	VH	NT	6.28	0.002509	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VL	NT	-6.82	-0.002690	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VN	NT	-11.39	-0.004493	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	VH	NT	-8.13	-0.003207	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VL	NT	8.64	0.003365	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VN	NT	-4.08	-0.001589	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	VH	NT	8.23	0.003205	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VL	NT	-7.21	-0.002878	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VN	NT	-5.99	-0.002391	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	VH	NT	-8.67	-0.003461	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VL	NT	-9.27	-0.003657	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VN	NT	-7.34	-0.002895	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	VH	NT	6.82	0.002690	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VL	NT	8.93	0.003481	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VN	NT	7.80	0.003041	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	VH	NT	-8.51	-0.003318	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VL	NT	11.66	0.004655	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VN	NT	4.06	0.001621	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	VH	NT	-9.06	-0.003617	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VL	NT	-8.75	-0.003452	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VN	NT	-6.64	-0.002619	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	VH	NT	-9.97	-0.003933	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VL	NT	-6.39	-0.002491	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VN	NT	-7.58	-0.002955	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	VH	NT	6.34	0.002472	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VL	NT	-7.05	-0.002812	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VN	NT	-4.33	-0.001727	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	VH	NT	-3.29	-0.001312	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VL	NT	-8.84	-0.003487	±2.5	PASS



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Band7	15MHz	QPSK	21100	75RB#0	VN	NT	-8.20	-0.003235	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	VH	NT	-7.84	-0.003093	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VL	NT	6.87	0.002681	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VN	NT	6.12	0.002388	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	VH	NT	5.89	0.002299	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VL	NT	6.58	0.002624	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VN	NT	4.21	0.001679	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	VH	NT	-4.75	-0.001894	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VL	NT	-6.74	-0.002659	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VN	NT	-9.51	-0.003751	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	VH	NT	-7.80	-0.003077	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VL	NT	4.21	0.001643	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VN	NT	5.74	0.002240	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	VH	NT	6.88	0.002685	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VL	NT	11.16	0.004446	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VN	NT	5.44	0.002167	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	VH	NT	6.61	0.002633	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VL	NT	-10.10	-0.003984	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VN	NT	-6.44	-0.002540	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	VH	NT	-6.87	-0.002710	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VL	NT	3.96	0.001547	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VN	NT	-7.31	-0.002855	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	VH	NT	9.51	0.003715	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VL	NT	7.57	0.003016	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VN	NT	-4.28	-0.001705	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	VH	NT	7.54	0.003004	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VL	NT	-6.04	-0.002383	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VN	NT	-12.59	-0.004966	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	VH	NT	-14.46	-0.005704	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VL	NT	4.55	0.001777	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VN	NT	4.68	0.001828	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	VH	NT	-5.48	-0.002141	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	NV	-30	10.21	0.004080	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	-20	7.01	0.002801	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	0	3.78	0.001510	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	10	6.85	0.002737	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	20	-4.69	-0.001874	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	30	7.77	0.003105	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	40	5.82	0.002326	±2.5	PASS
Band7	5MHz	QPSK	20775	25RB#0	NV	50	5.39	0.002154	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-30	-8.10	-0.003195	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	-20	-8.75	-0.003452	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	0	-10.23	-0.004036	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	10	-7.90	-0.003116	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	20	-3.82	-0.001507	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	30	-8.30	-0.003274	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	40	-7.31	-0.002884	±2.5	PASS
Band7	5MHz	QPSK	21100	25RB#0	NV	50	-6.95	-0.002742	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-30	6.51	0.002536	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	-20	-5.54	-0.002158	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	0	3.88	0.001511	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	10	-4.12	-0.001605	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	20	6.12	0.002384	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	30	8.75	0.003408	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	40	8.31	0.003237	±2.5	PASS
Band7	5MHz	QPSK	21425	25RB#0	NV	50	7.54	0.002937	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-30	12.12	0.004843	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	-20	9.67	0.003864	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	0	9.94	0.003972	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	10	68.41	0.027337	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	20	6.74	0.002693	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	30	7.68	0.003069	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	40	10.27	0.004104	±2.5	PASS
Band7	5MHz	16QAM	20775	25RB#0	NV	50	5.87	0.002346	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-30	-6.27	-0.002473	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	-20	-4.36	-0.001720	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	0	-7.64	-0.003014	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	10	-8.00	-0.003156	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	20	-7.48	-0.002951	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	30	-6.37	-0.002513	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	40	-6.57	-0.002592	±2.5	PASS
Band7	5MHz	16QAM	21100	25RB#0	NV	50	-8.57	-0.003381	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-30	6.14	0.002391	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	-20	9.57	0.003727	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	0	-4.59	-0.001788	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	10	4.39	0.001710	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	20	10.30	0.004012	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	30	11.37	0.004428	±2.5	PASS



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Band7	5MHz	16QAM	21425	25RB#0	NV	40	8.40	0.003272	±2.5	PASS
Band7	5MHz	16QAM	21425	25RB#0	NV	50	5.36	0.002088	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-30	-9.93	-0.003964	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	-20	-7.48	-0.002986	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	0	-7.17	-0.002862	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	10	-5.39	-0.002152	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	20	-7.32	-0.002922	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	30	-6.47	-0.002583	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	40	-6.95	-0.002774	±2.5	PASS
Band7	10MHz	QPSK	20800	50RB#0	NV	50	-8.67	-0.003461	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-30	-5.51	-0.002174	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	-20	-7.10	-0.002801	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	0	-9.01	-0.003554	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	10	-6.74	-0.002659	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	20	-6.78	-0.002675	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	30	-7.28	-0.002872	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	40	-6.27	-0.002473	±2.5	PASS
Band7	10MHz	QPSK	21100	50RB#0	NV	50	-6.32	-0.002493	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-30	-9.08	-0.003540	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	-20	-7.15	-0.002788	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	0	-7.34	-0.002862	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	10	-3.99	-0.001556	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	20	-7.20	-0.002807	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	30	-6.94	-0.002706	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	40	-6.62	-0.002581	±2.5	PASS
Band7	10MHz	QPSK	21400	50RB#0	NV	50	-8.27	-0.003224	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-30	-11.42	-0.004559	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	-20	124.90	0.049860	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	0	-11.49	-0.004587	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	10	-9.08	-0.003625	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	20	-9.40	-0.003752	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	30	-5.05	-0.002016	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	40	-7.05	-0.002814	±2.5	PASS
Band7	10MHz	16QAM	20800	50RB#0	NV	50	-5.98	-0.002387	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-30	-6.91	-0.002726	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	-20	-8.05	-0.003176	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	0	-9.81	-0.003870	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	10	-9.34	-0.003684	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	20	-10.70	-0.004221	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	30	-7.88	-0.003108	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	40	-10.33	-0.004075	±2.5	PASS
Band7	10MHz	16QAM	21100	50RB#0	NV	50	-8.93	-0.003523	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-30	-4.56	-0.001778	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	-20	-7.20	-0.002807	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	0	-7.12	-0.002776	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	10	-8.78	-0.003423	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	20	5.71	0.002226	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	30	-7.21	-0.002811	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	40	-11.72	-0.004569	±2.5	PASS
Band7	10MHz	16QAM	21400	50RB#0	NV	50	-7.42	-0.002893	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	-30	7.70	0.003071	±2.5	PASS



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Band7	15MHz	QPSK	20825	75RB#0	NV	-20	-2.59	-0.001033	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	0	-4.86	-0.001938	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	10	-4.56	-0.001819	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	20	-6.48	-0.002584	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	30	-4.25	-0.001695	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	40	2.63	0.001049	±2.5	PASS
Band7	15MHz	QPSK	20825	75RB#0	NV	50	-6.32	-0.002520	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-30	-8.64	-0.003408	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	-20	-8.40	-0.003314	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	0	-11.47	-0.004525	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	10	-5.19	-0.002047	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	20	-5.72	-0.002256	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	30	-7.25	-0.002860	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	40	-10.39	-0.004099	±2.5	PASS
Band7	15MHz	QPSK	21100	75RB#0	NV	50	-6.38	-0.002517	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-30	-8.71	-0.003399	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	-20	-4.58	-0.001787	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	0	5.74	0.002240	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	10	9.61	0.003750	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	20	7.21	0.002814	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	30	7.51	0.002931	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	40	5.88	0.002295	±2.5	PASS
Band7	15MHz	QPSK	21375	75RB#0	NV	50	5.35	0.002088	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-30	-4.72	-0.001882	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	-20	-5.59	-0.002229	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	0	7.78	0.003103	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	10	5.44	0.002169	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	20	-4.46	-0.001779	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	30	8.57	0.003418	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	40	5.19	0.002070	±2.5	PASS
Band7	15MHz	16QAM	20825	75RB#0	NV	50	-7.48	-0.002983	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-30	-10.13	-0.003996	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	-20	-10.06	-0.003968	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	0	-9.83	-0.003878	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	10	-6.14	-0.002422	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	20	-8.58	-0.003385	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	30	-9.00	-0.003550	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	40	-8.34	-0.003290	±2.5	PASS
Band7	15MHz	16QAM	21100	75RB#0	NV	50	-7.35	-0.002899	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-30	9.84	0.003840	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	-20	6.35	0.002478	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	0	10.47	0.004086	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	10	9.44	0.003684	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	20	10.57	0.004125	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	30	8.07	0.003149	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	40	8.96	0.003497	±2.5	PASS
Band7	15MHz	16QAM	21375	75RB#0	NV	50	5.15	0.002010	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-30	5.89	0.002347	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	-20	5.39	0.002147	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	0	10.43	0.004155	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	10	3.92	0.001562	±2.5	PASS



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Band7	20MHz	QPSK	20850	100RB#0	NV	20	3.63	0.001446	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	30	5.09	0.002028	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	40	14.61	0.005821	±2.5	PASS
Band7	20MHz	QPSK	20850	100RB#0	NV	50	5.66	0.002255	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-30	-8.21	-0.003239	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	-20	-10.14	-0.004000	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	0	4.88	0.001925	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	10	-8.18	-0.003227	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	20	-6.09	-0.002402	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	30	-5.79	-0.002284	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	40	-6.82	-0.002690	±2.5	PASS
Band7	20MHz	QPSK	21100	100RB#0	NV	50	-8.50	-0.003353	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-30	5.75	0.002246	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	-20	-4.19	-0.001637	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	0	5.22	0.002039	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	10	-5.59	-0.002184	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	20	6.45	0.002520	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	30	5.81	0.002270	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	40	4.79	0.001871	±2.5	PASS
Band7	20MHz	QPSK	21350	100RB#0	NV	50	-6.85	-0.002676	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-30	7.77	0.003096	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	-20	9.84	0.003920	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	0	10.73	0.004275	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	10	8.97	0.003574	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	20	5.51	0.002195	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	30	7.07	0.002817	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	40	8.53	0.003398	±2.5	PASS
Band7	20MHz	16QAM	20850	100RB#0	NV	50	9.96	0.003968	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-30	-7.18	-0.002832	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	-20	-8.81	-0.003475	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	0	-11.77	-0.004643	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	10	11.49	0.004533	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	20	-6.57	-0.002592	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	30	-8.57	-0.003381	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	40	-3.71	-0.001464	±2.5	PASS
Band7	20MHz	16QAM	21100	100RB#0	NV	50	-12.73	-0.005022	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-30	-2.27	-0.000887	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	-20	-6.48	-0.002531	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	0	-5.68	-0.002219	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	10	-3.63	-0.001418	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	20	-4.94	-0.001930	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	30	5.05	0.001973	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	40	-3.33	-0.001301	±2.5	PASS
Band7	20MHz	16QAM	21350	100RB#0	NV	50	5.61	0.002191	±2.5	PASS



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LTE BAND12

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	4.48	13	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	5.05	13	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	4.66	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	5.19	13	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	4.60	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.11	13	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	5.39	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	5.96	13	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	5.54	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.05	13	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	5.45	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.00	13	PASS
Band12	3MHz	QPSK	23025	1RB#0	4.54	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.07	13	PASS
Band12	3MHz	QPSK	23095	1RB#0	4.65	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	5.23	13	PASS
Band12	3MHz	QPSK	23165	1RB#0	4.52	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.18	13	PASS
Band12	3MHz	16QAM	23025	1RB#0	5.32	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	5.90	13	PASS
Band12	3MHz	16QAM	23095	1RB#0	5.51	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.04	13	PASS
Band12	3MHz	16QAM	23165	1RB#0	5.40	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.01	13	PASS
Band12	5MHz	QPSK	23035	1RB#0	4.47	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.08	13	PASS
Band12	5MHz	QPSK	23095	1RB#0	4.59	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	5.22	13	PASS
Band12	5MHz	QPSK	23155	1RB#0	4.51	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.13	13	PASS
Band12	5MHz	16QAM	23035	1RB#0	5.40	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	5.89	13	PASS
Band12	5MHz	16QAM	23095	1RB#0	5.30	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	5.98	13	PASS
Band12	5MHz	16QAM	23155	1RB#0	5.13	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	5.94	13	PASS
Band12	10MHz	QPSK	23060	1RB#0	4.42	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.11	13	PASS
Band12	10MHz	QPSK	23095	1RB#0	4.46	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	5.18	13	PASS
Band12	10MHz	QPSK	23130	1RB#0	4.60	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.13	13	PASS



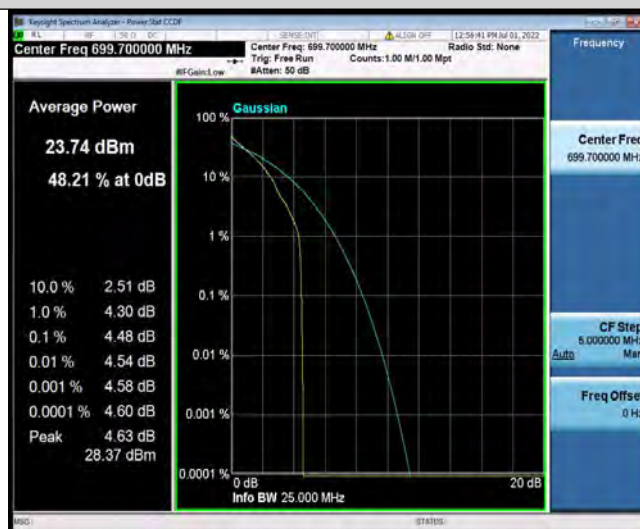
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Band12	10MHz	16QAM	23060	1RB#0	5.29	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	5.92	13	PASS
Band12	10MHz	16QAM	23095	1RB#0	5.33	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	5.99	13	PASS
Band12	10MHz	16QAM	23130	1RB#0	5.57	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	5.99	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



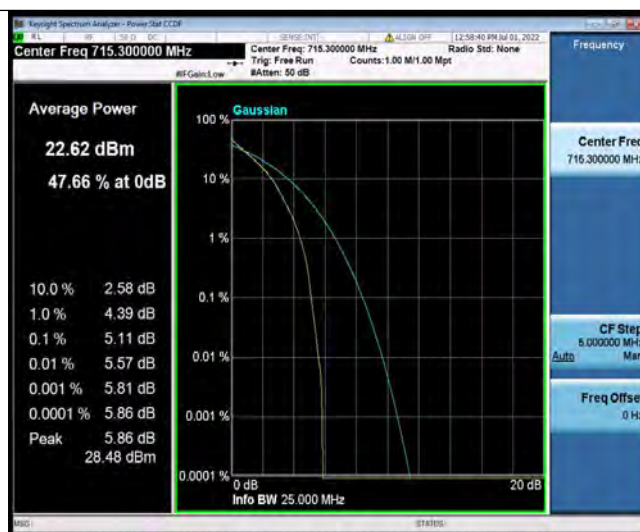
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Band12-1.4MHz-QPSK-23173-6RB#0



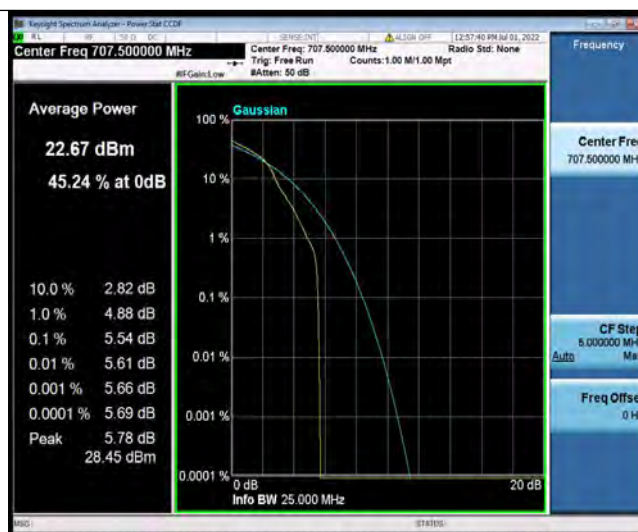
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Band12-1.4MHz-16QAM-23095-1RB#0



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



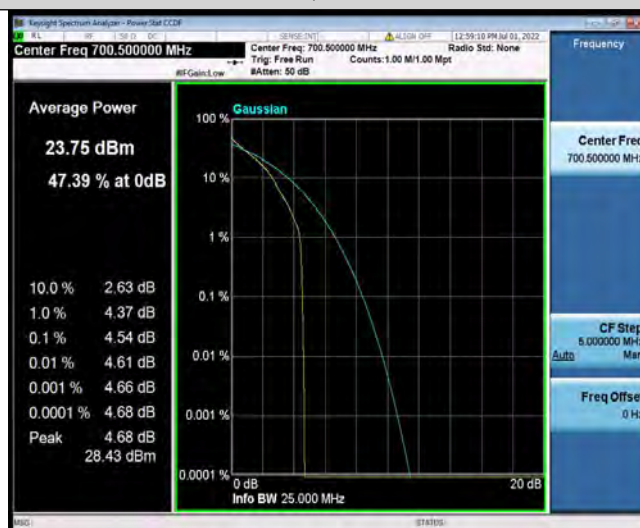
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Band12-1.4MHz-16QAM-23173-6RB#0



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



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



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



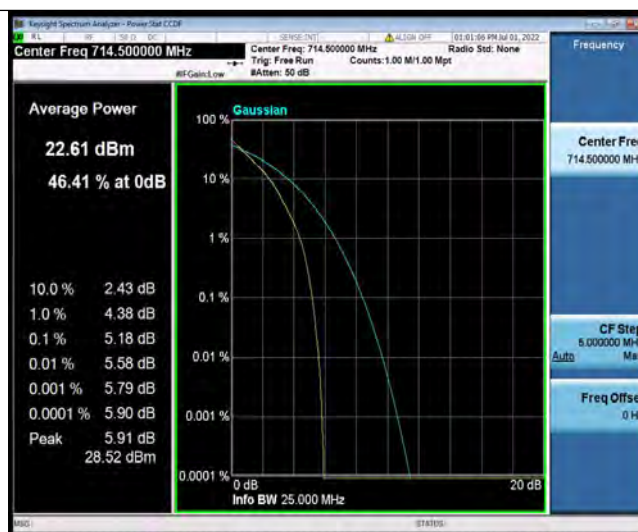
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Band12-3MHz-QPSK-23165-1RB#0



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



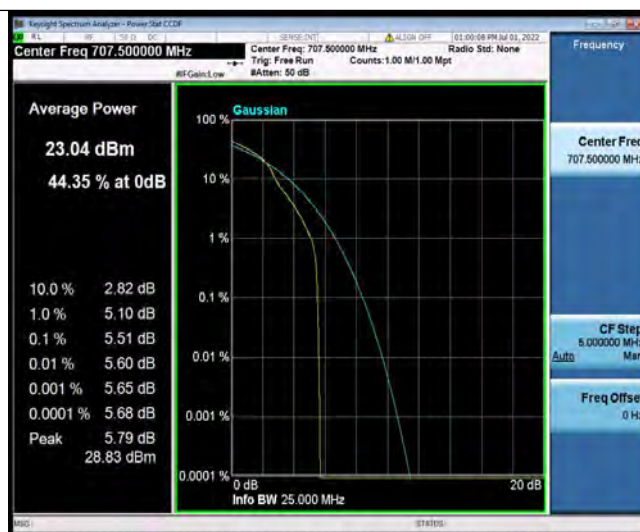
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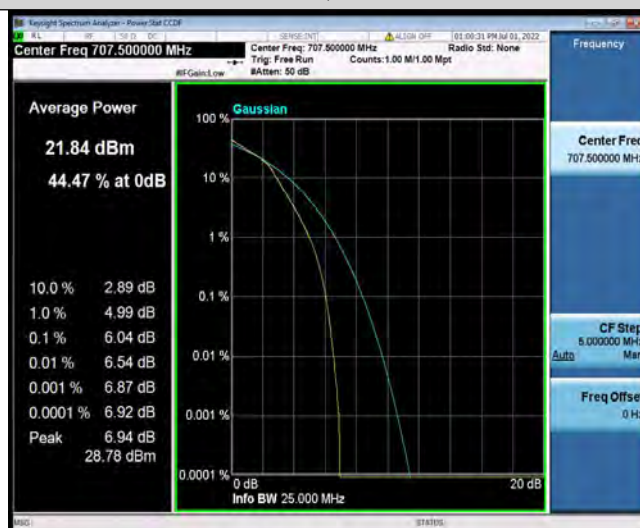
Band12-3MHz-16QAM-23025-15RB#0



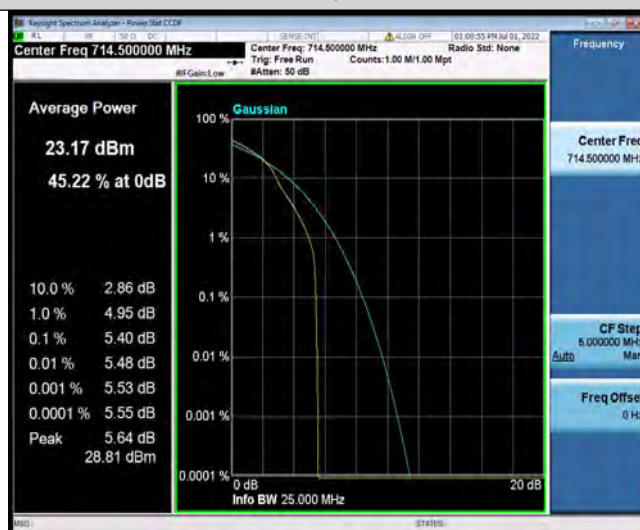
Band12-3MHz-16QAM-23095-1RB#0



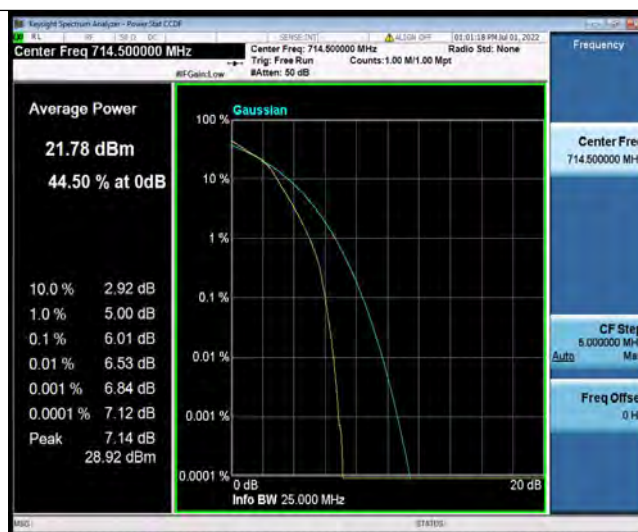
Band12-3MHz-16QAM-23095-15RB#0



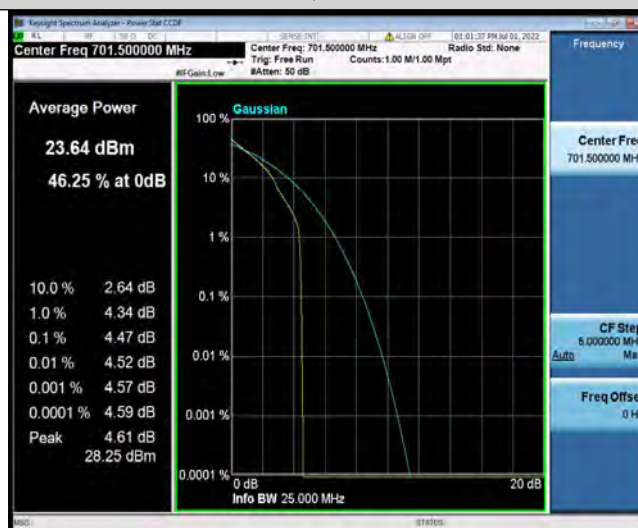
Band12-3MHz-16QAM-23165-1RB#0



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



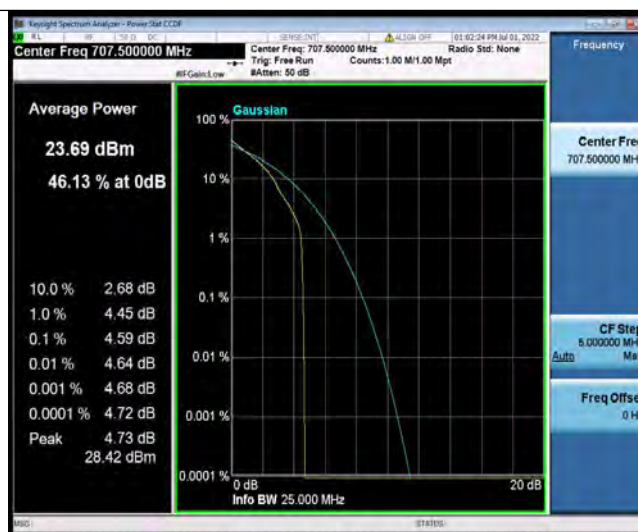
Band12-5MHz-QPSK-23035-1RB#0



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



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



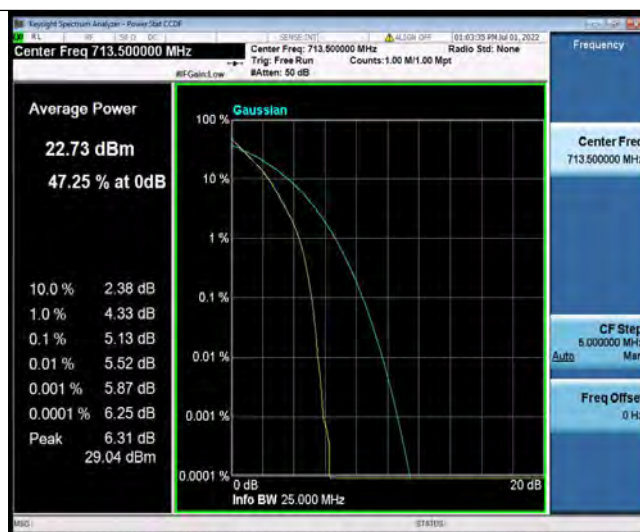
Band12-5MHz-QPSK-23095-25RB#0



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



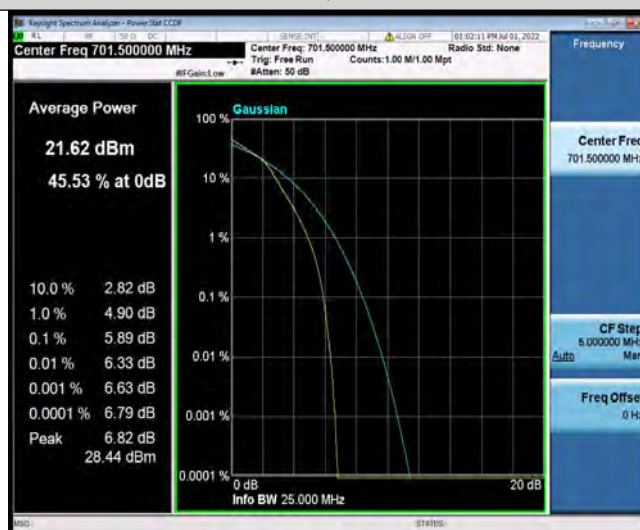
Band12-5MHz-QPSK-23155-25RB#0



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



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



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



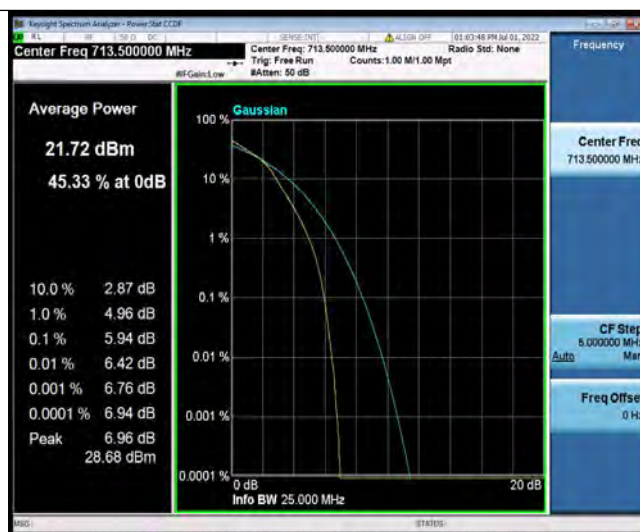
Band12-5MHz-16QAM-23095-25RB#0



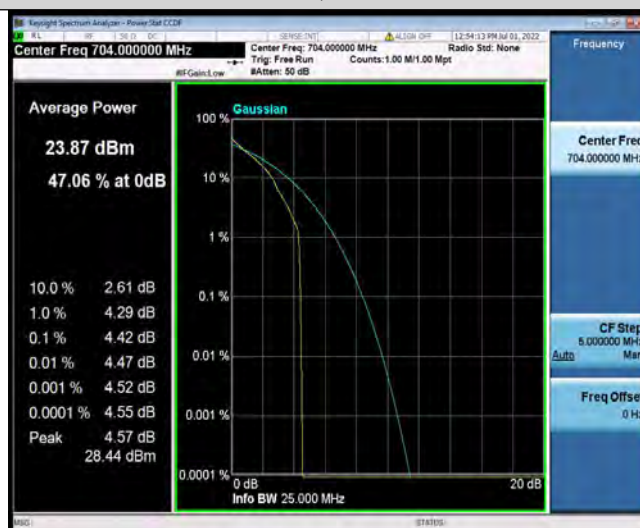
Band12-5MHz-16QAM-23155-1RB#0



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



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



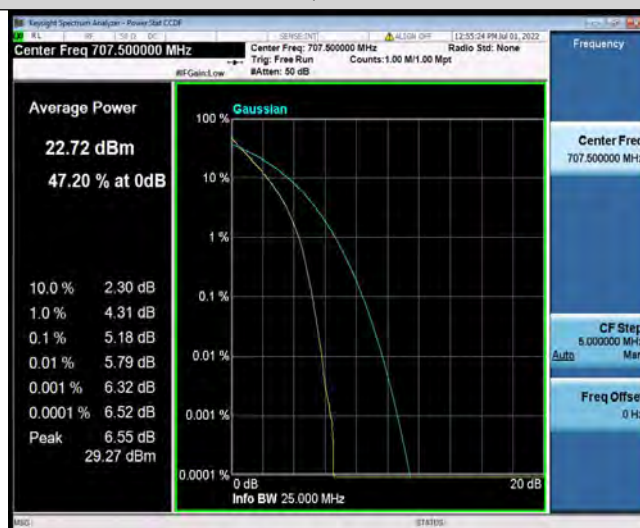
Band12-10MHz-QPSK-23060-50RB#0



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



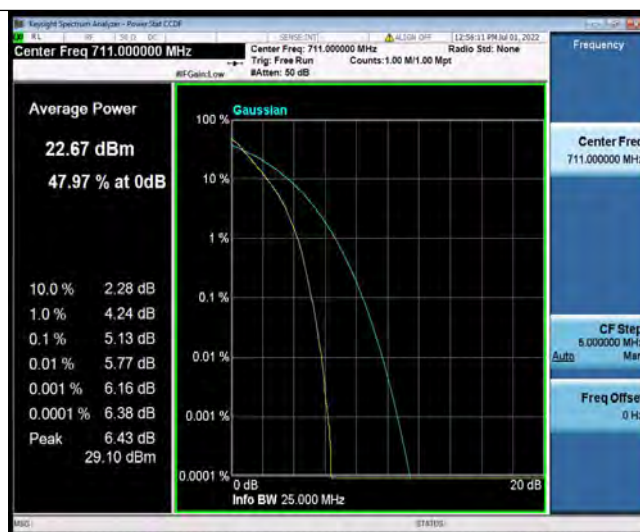
Band12-10MHz-QPSK-23095-50RB#0



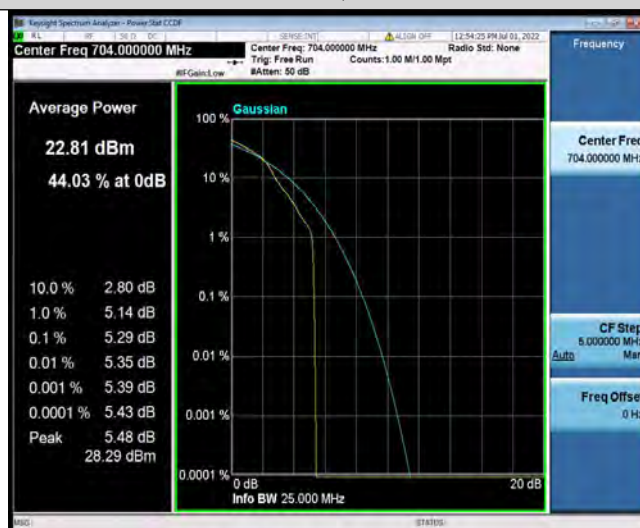
Band12-10MHz-QPSK-23130-1RB#0



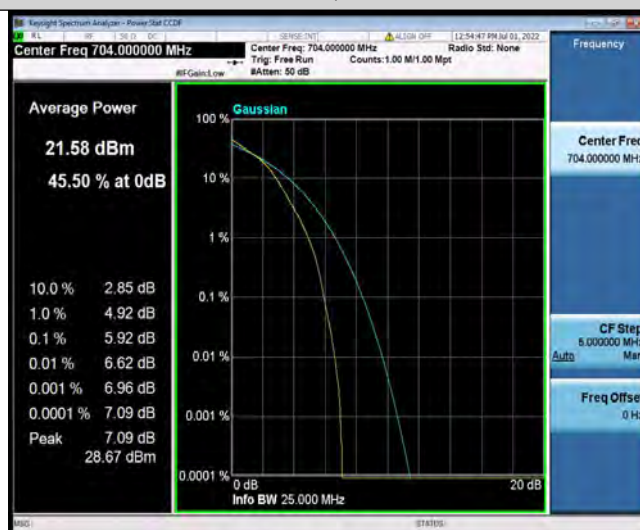
Band12-10MHz-QPSK-23130-50RB#0



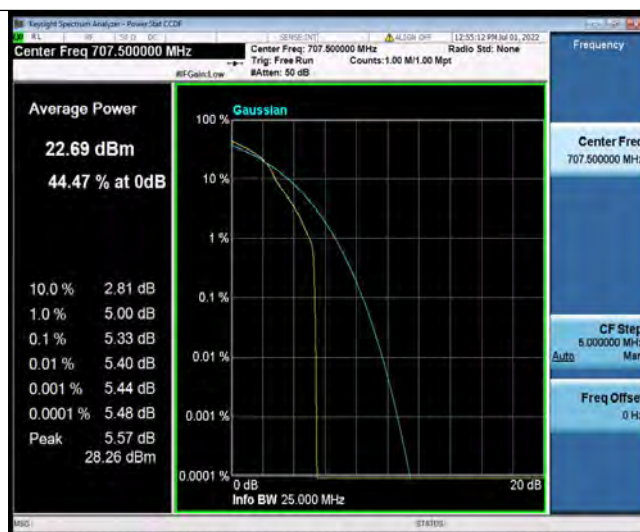
Band12-10MHz-16QAM-23060-1RB#0



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



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



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



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



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



6DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.0965	1.255	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.0898	1.249	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.0952	1.247	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.0915	1.264	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.0893	1.222	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.0894	1.272	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.6952	2.893	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.6974	2.906	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.7053	2.922	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.6887	2.901	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.6921	2.924	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.6964	2.892	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.4984	4.884	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.4976	4.872	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.4984	4.834	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.5026	4.831	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.5063	4.910	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.5027	4.869	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.9628	9.537	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.9748	9.522	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.9426	9.512	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.9483	9.519	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.9726	9.542	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.9355	9.510	PASS

Test Graphs

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



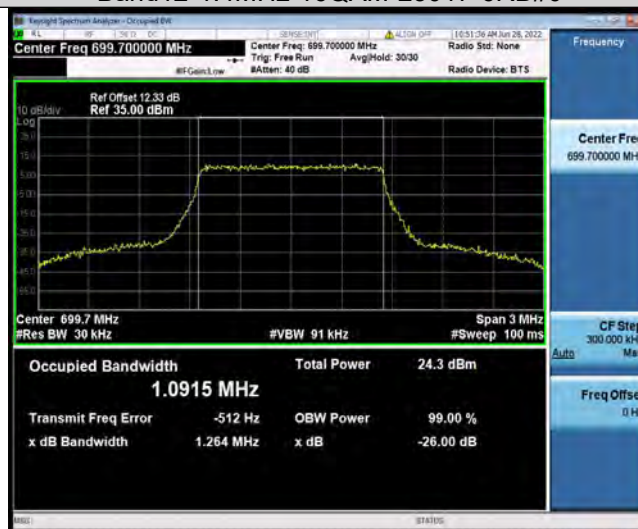
Band12-1.4MHz-QPSK-23095-6RB#0



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



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



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



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



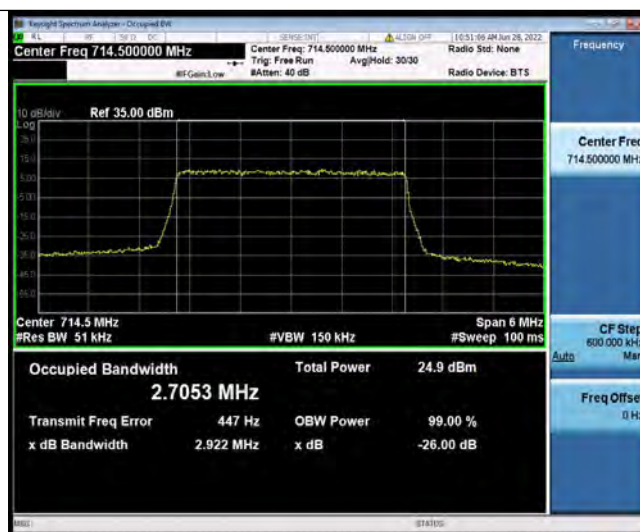
Band12-3MHz-QPSK-23025-15RB#0



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



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



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



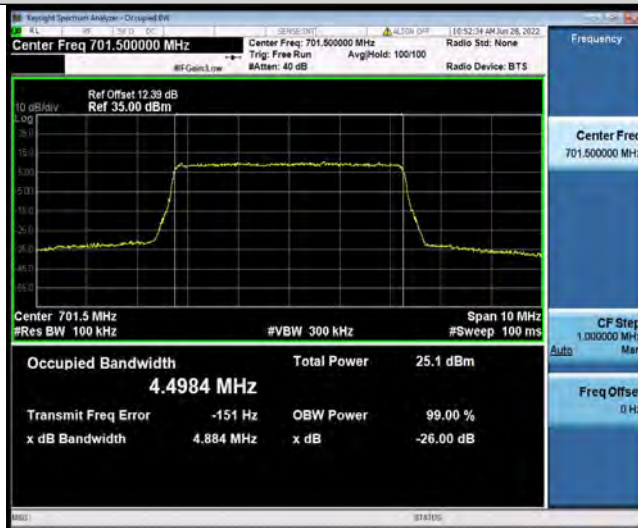
Band12-3MHz-16QAM-23095-15RB#0



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



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



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



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



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



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



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



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



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



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



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



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



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



BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	-40.27,-22.97	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	-31.55,-26.95	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	-22.77,-32.11	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	-27.99,-32.99	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	-43.00,-23.98	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	-32.80,-28.11	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	-24.90,-32.80	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	-29.14,-34.31	PASS
Band12	3MHz	QPSK	23025	1RB#0	-38.79,-22.03	PASS
Band12	3MHz	QPSK	23025	15RB#0	-32.66,-24.39	PASS
Band12	3MHz	QPSK	23165	1RB#14	-21.12,-39.18	PASS
Band12	3MHz	QPSK	23165	15RB#0	-26.19,-35.83	PASS
Band12	3MHz	16QAM	23025	1RB#0	-40.18,-21.91	PASS
Band12	3MHz	16QAM	23025	15RB#0	-33.60,-26.12	PASS
Band12	3MHz	16QAM	23165	1RB#14	-23.25,-40.51	PASS
Band12	3MHz	16QAM	23165	15RB#0	-27.18,-36.57	PASS
Band12	5MHz	QPSK	23035	1RB#0	-39.20,-25.00	PASS
Band12	5MHz	QPSK	23035	25RB#0	-25.65	PASS
Band12	5MHz	QPSK	23155	1RB#24	-24.78,-38.64	PASS
Band12	5MHz	QPSK	23155	25RB#0	-25.86	PASS
Band12	5MHz	16QAM	23035	1RB#0	-39.44,-25.69	PASS
Band12	5MHz	16QAM	23035	25RB#0	-26.34	PASS
Band12	5MHz	16QAM	23155	1RB#24	-25.64,-40.30	PASS
Band12	5MHz	16QAM	23155	25RB#0	-26.81	PASS
Band12	10MHz	QPSK	23060	1RB#0	-46.07,-39.26	PASS
Band12	10MHz	QPSK	23060	50RB#0	-29.25,-27.42	PASS
Band12	10MHz	QPSK	23130	1RB#49	-39.71,-45.85	PASS
Band12	10MHz	QPSK	23130	50RB#0	-29.02,-30.96	PASS
Band12	10MHz	16QAM	23060	1RB#0	-46.13,-39.78	PASS
Band12	10MHz	16QAM	23060	50RB#0	-30.94,-29.04	PASS
Band12	10MHz	16QAM	23130	1RB#49	-38.84,-46.99	PASS
Band12	10MHz	16QAM	23130	50RB#0	-30.79,-32.87	PASS

Test Graphs

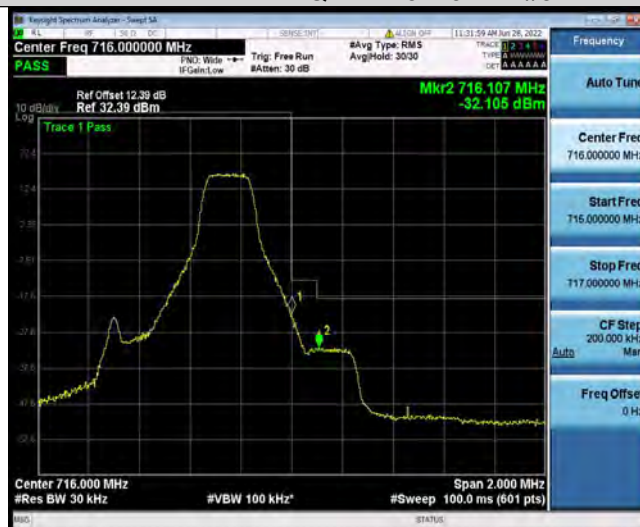
Band12-1.4MHz-QPSK-23017-1RB#0



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



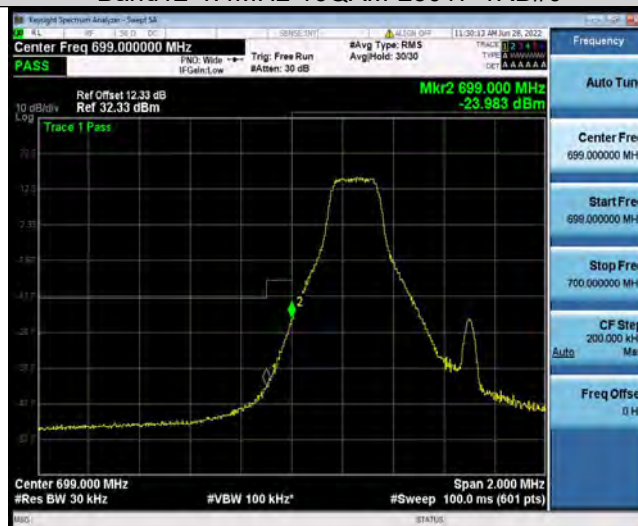
Band12-1.4MHz-QPSK-23173-1RB#5



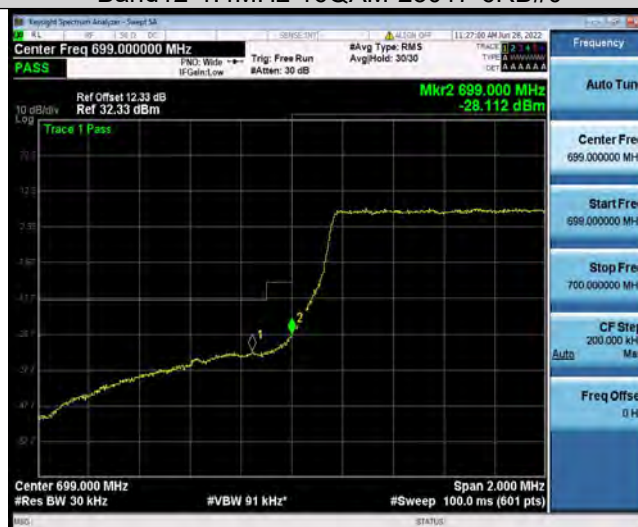
Band12-1.4MHz-QPSK-23173-6RB#0



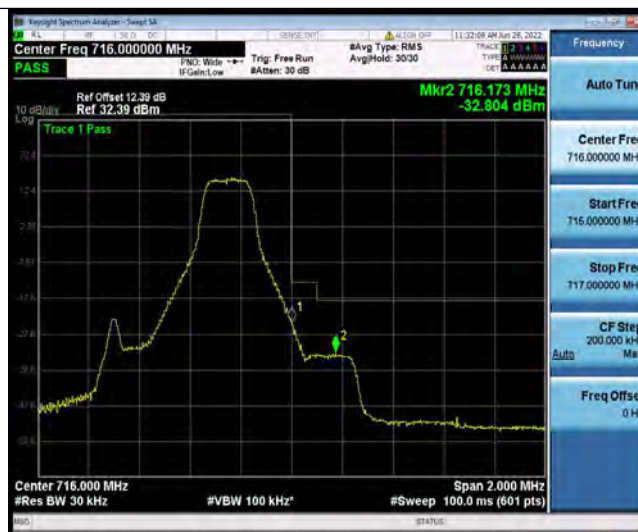
Band12-1.4MHz-16QAM-23017-1RB#0



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



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



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



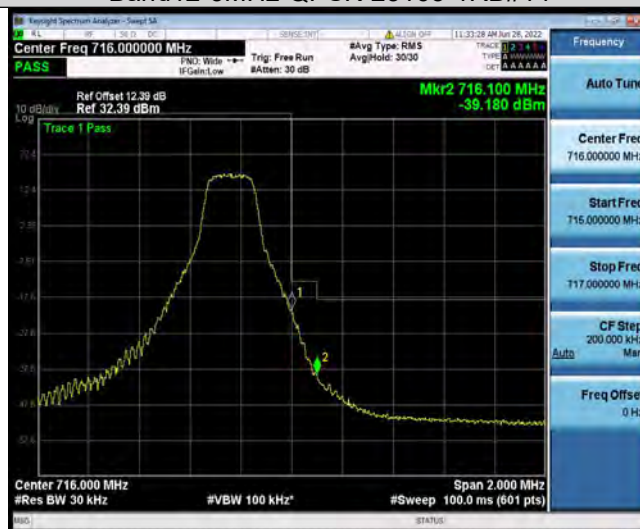
Band12-3MHz-QPSK-23025-1RB#0



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



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



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



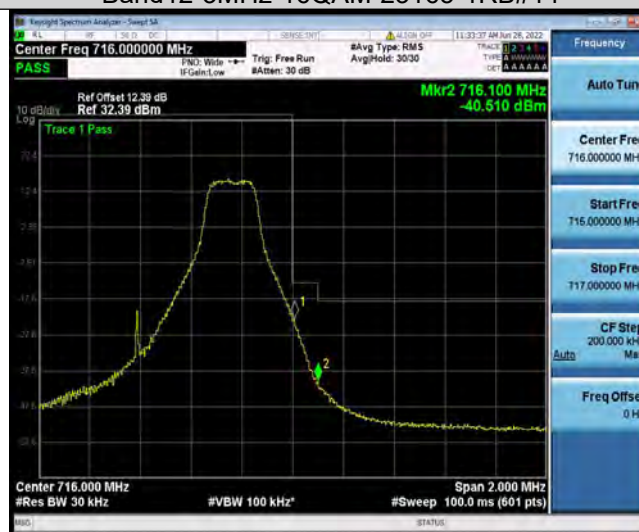
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Band12-3MHz-16QAM-23025-15RB#0



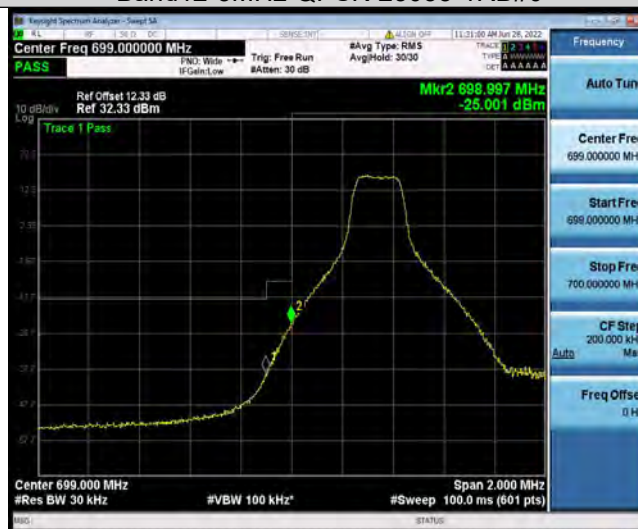
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Band12-3MHz-16QAM-23165-15RB#0



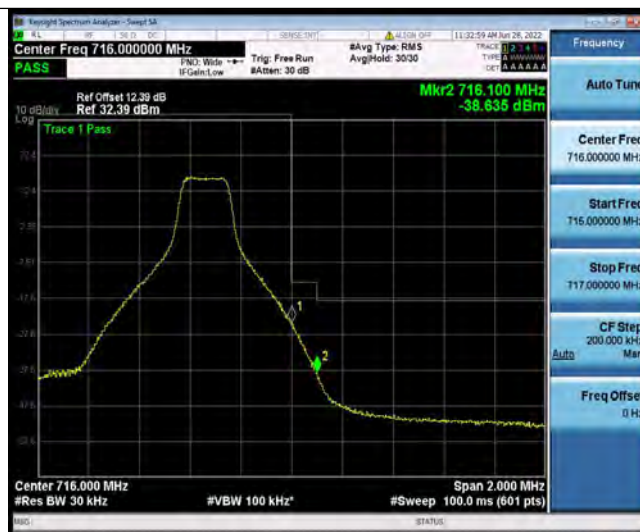
Band12-5MHz-QPSK-23035-1RB#0



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



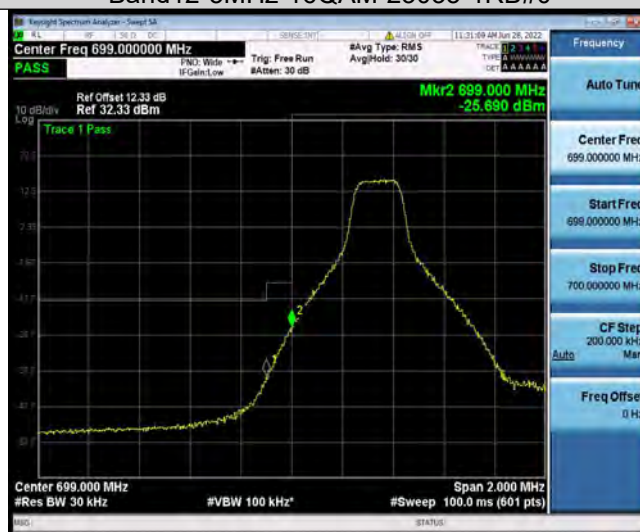
Band12-5MHz-QPSK-23155-1RB#24



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



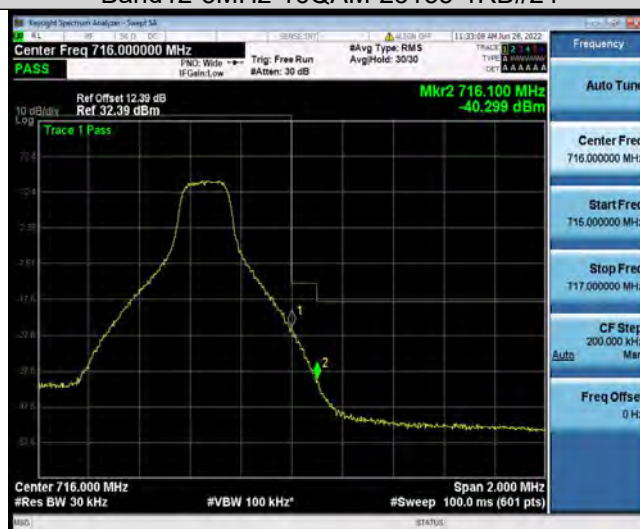
Band12-5MHz-16QAM-23035-1RB#0



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



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



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



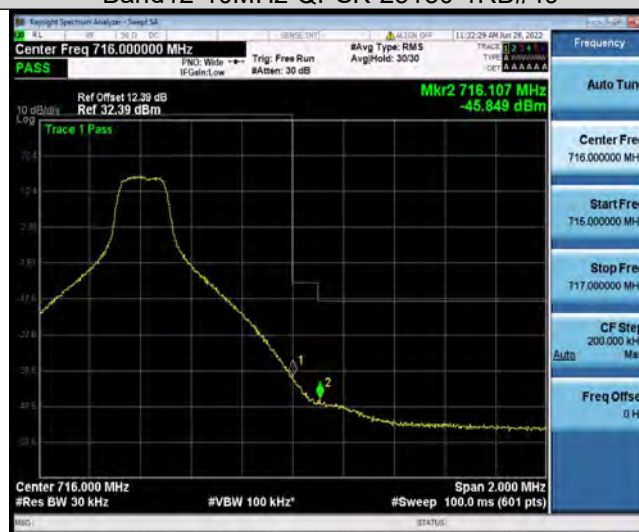
Band12-10MHz-QPSK-23060-1RB#0



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



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



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



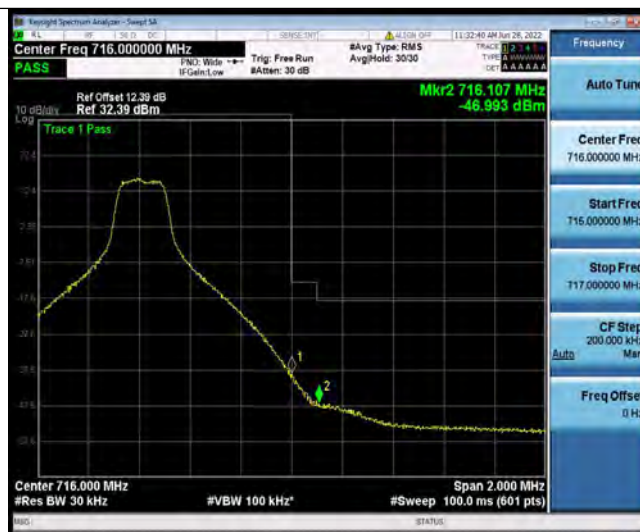
Band12-10MHz-16QAM-23060-1RB#0



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



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



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



CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-39.05	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-34.2	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.79	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-33.1	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-39.18	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-33.51	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-39.4	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-34.35	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-38.72	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-33.59	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-39.38	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-34.15	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-39.87	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-34.08	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-38.65	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-33.75	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-39.61	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-34.56	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-38.91	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-33.72	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-37.81	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-33.92	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-38.6	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-33.84	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-39.57	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-34.24	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-38.91	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.21	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-39.06	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-34.75	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-39.18	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-33.5	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-39.6	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.79	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-39.61	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-34.02	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-39.14	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-34.28	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.54	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.42	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-39.34	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-34.48	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-39.33	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-33.94	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-39.75	PASS



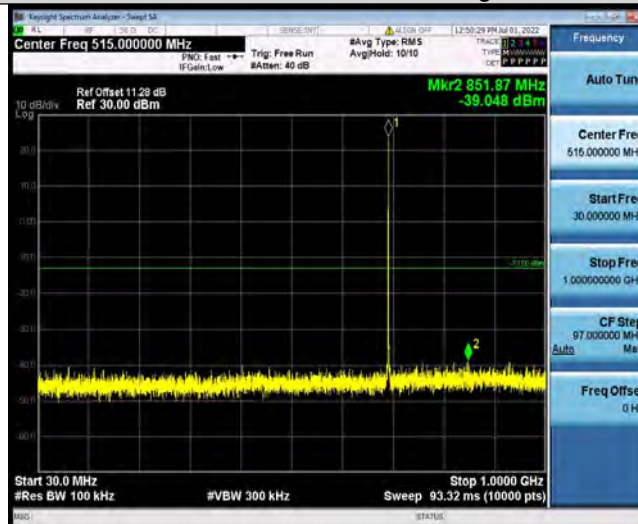
BUREAU
VERITAS

Test Report No.: PSU-QSU2206080111RF03

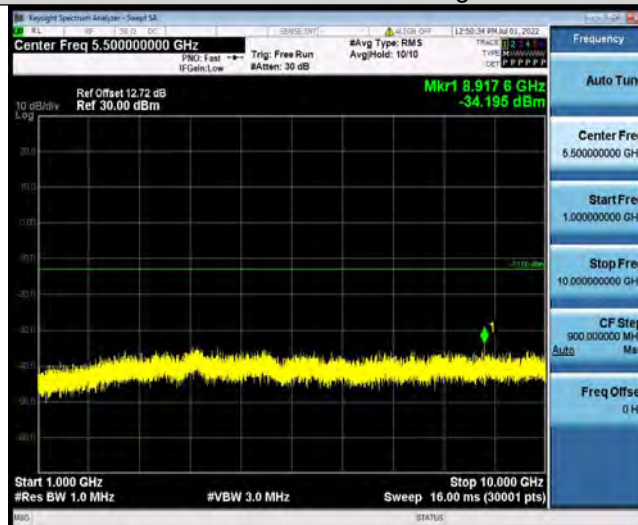
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-33.92	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-39.23	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-34.58	PASS

Test Graphs

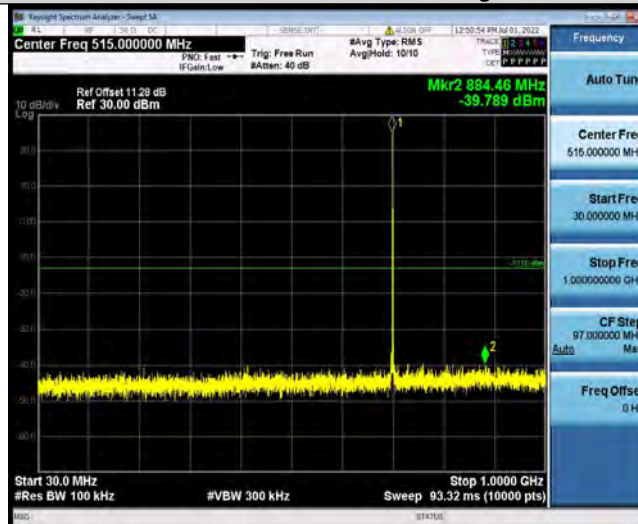
Band12-1.4MHz-QPSK-23017-1RB#0-Range1:30~1000MHz



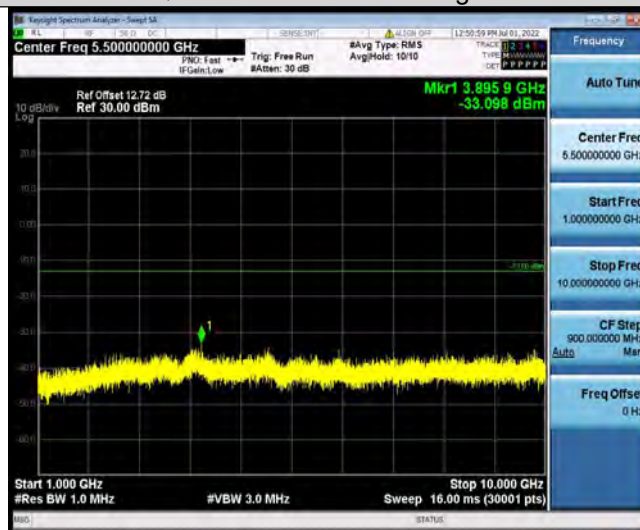
Band12-1.4MHz-QPSK-23017-1RB#0-Range2:1000~10000MHz



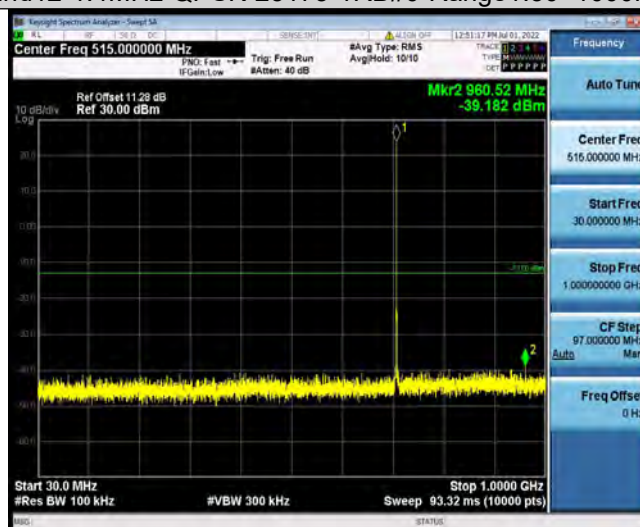
Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



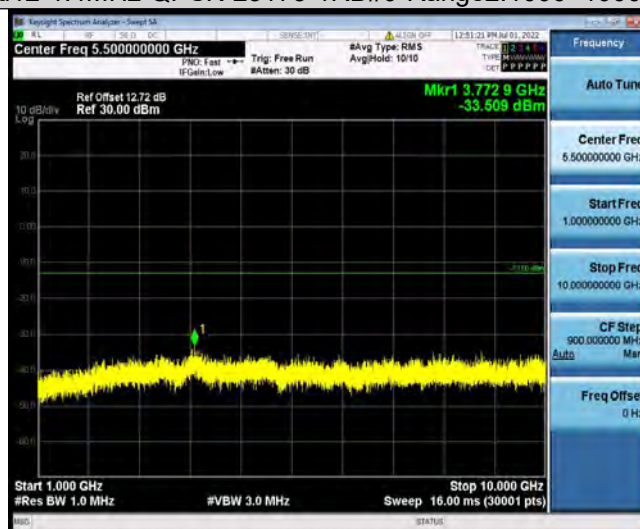
Band12-1.4MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



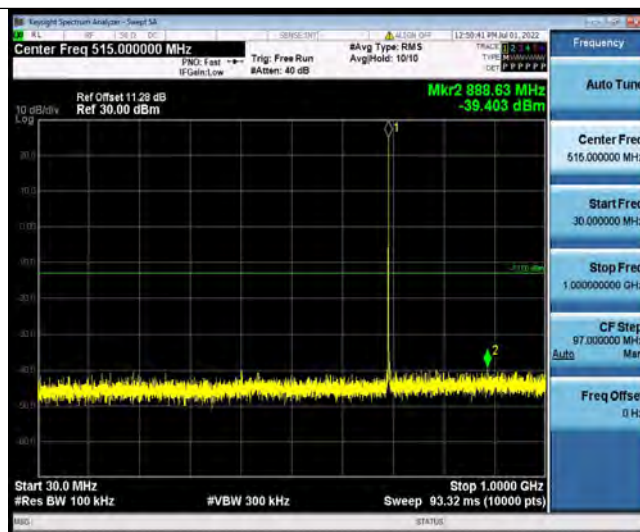
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz



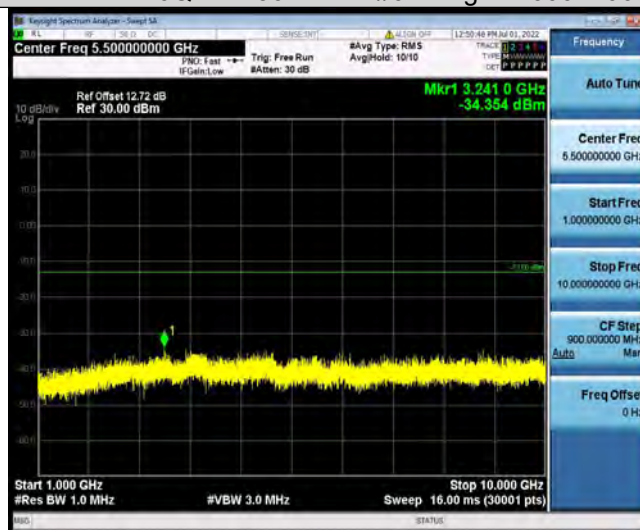
Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz



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



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



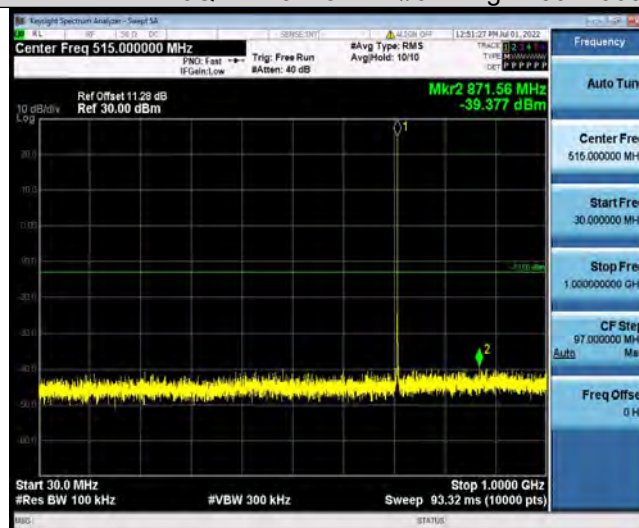
Band12-1.4MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



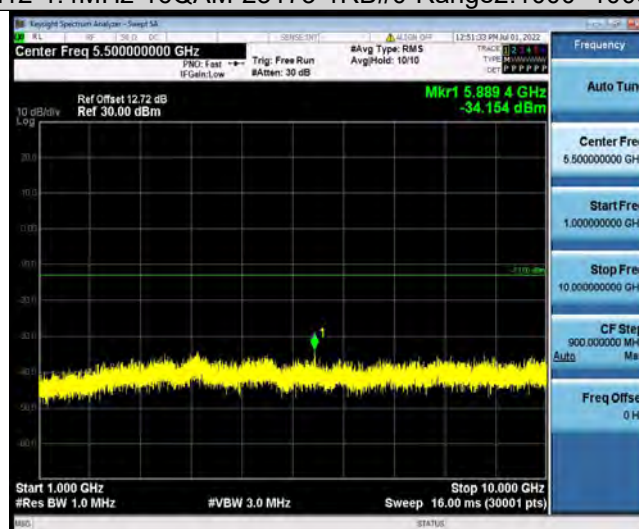
Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



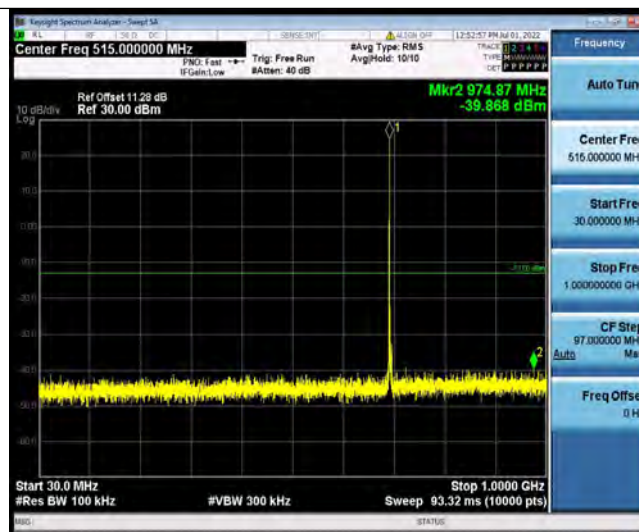
Band12-1.4MHz-16QAM-23173-1RB#0-Range1:30~1000MHz



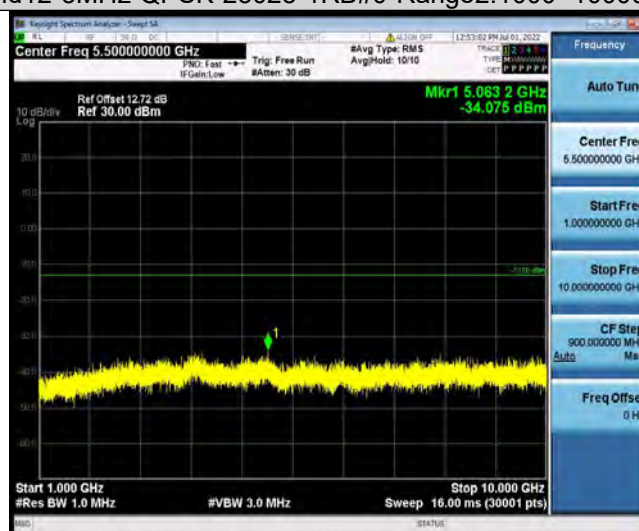
Band12-1.4MHz-16QAM-23173-1RB#0-Range2:1000~10000MHz



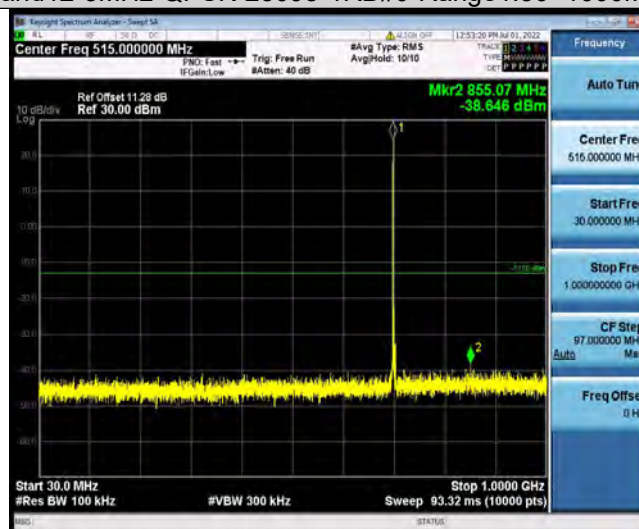
Band12-3MHz-QPSK-23025-1RB#0-Range1:30~1000MHz



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



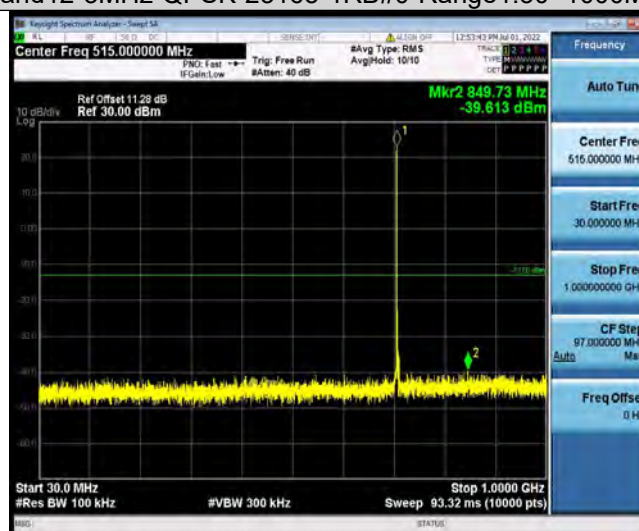
Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



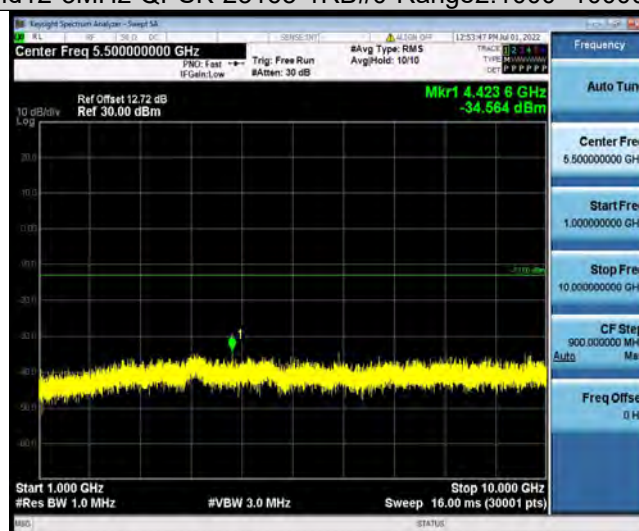
Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



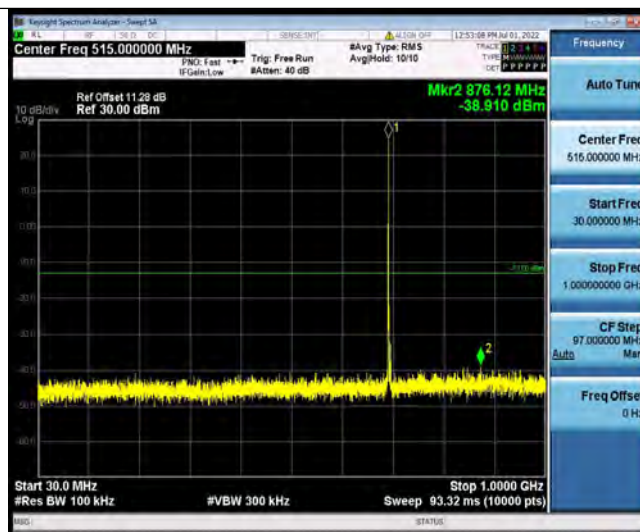
Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz



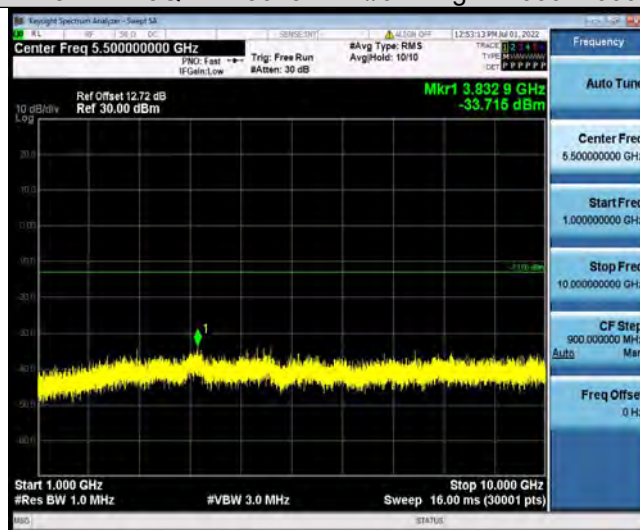
Band12-3MHz-QPSK-23165-1RB#0-Range2:1000~10000MHz



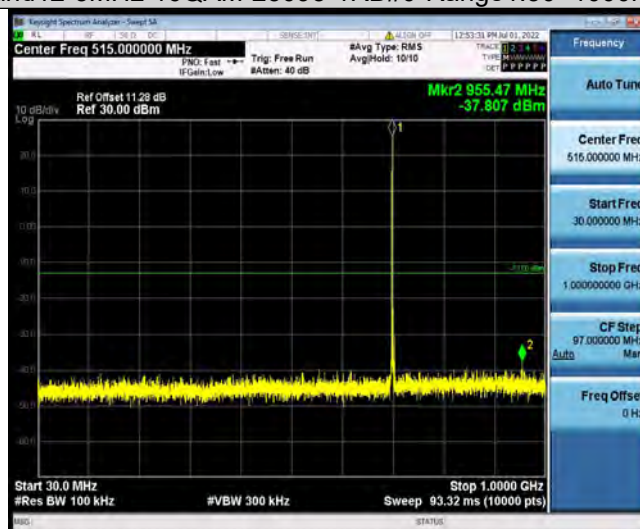
Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000MHz



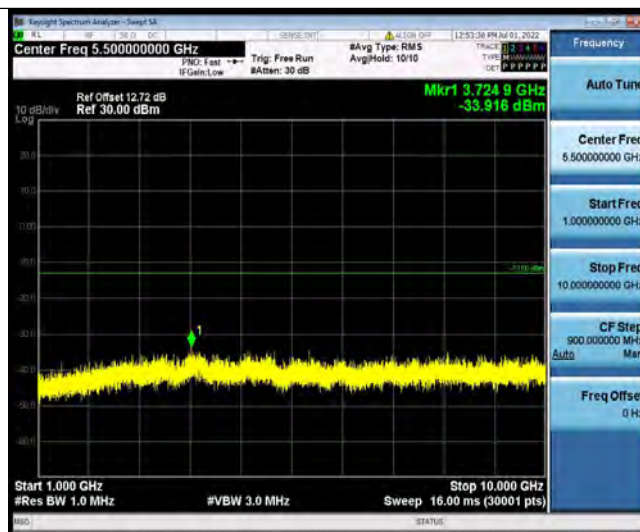
Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~10000MHz



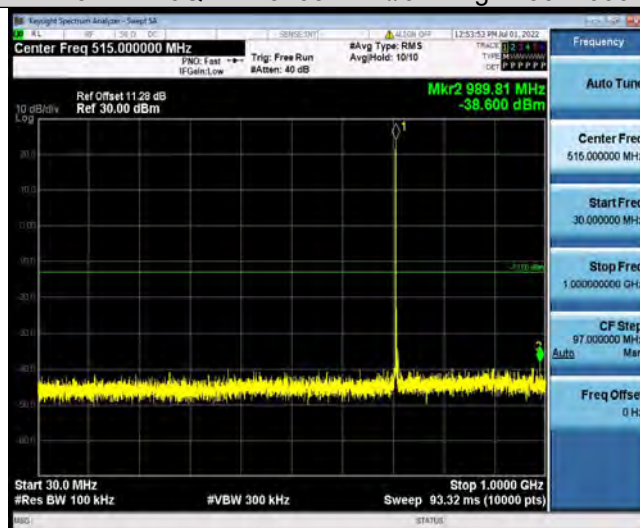
Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



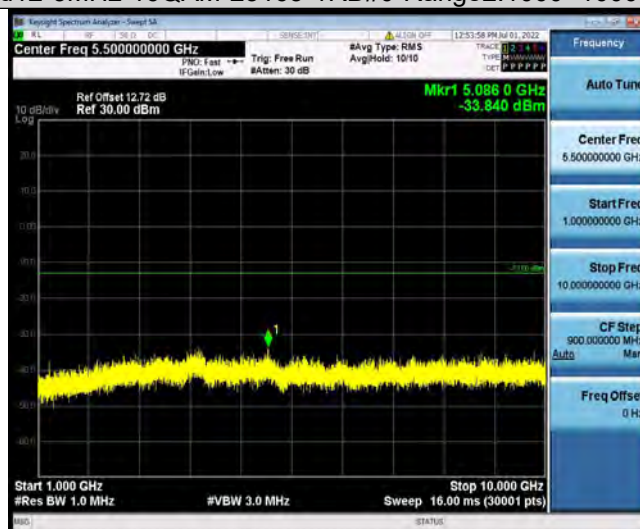
Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



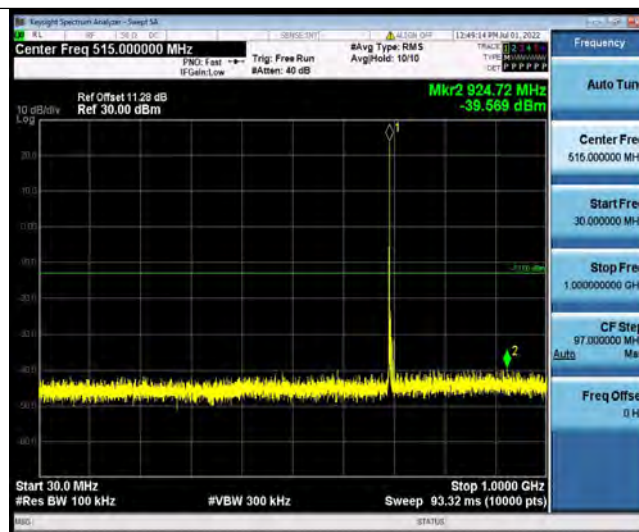
Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz



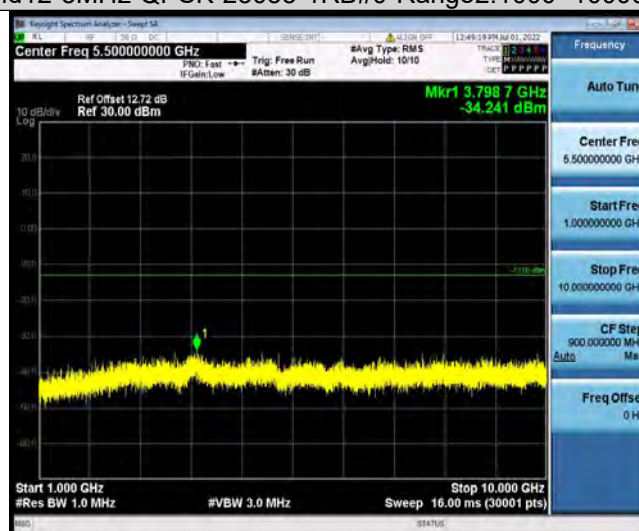
Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz



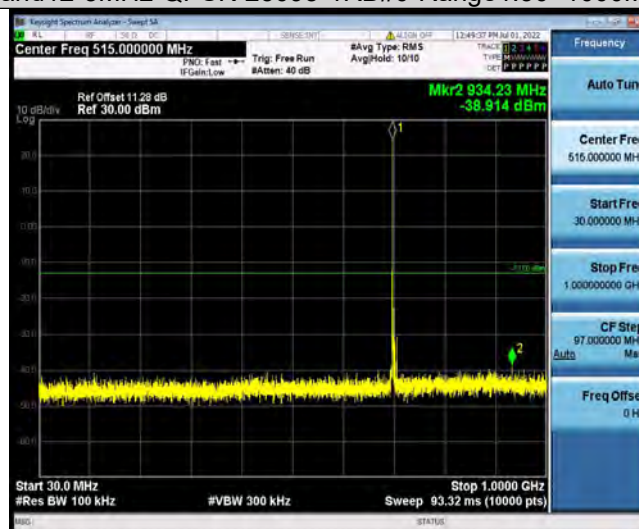
Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz



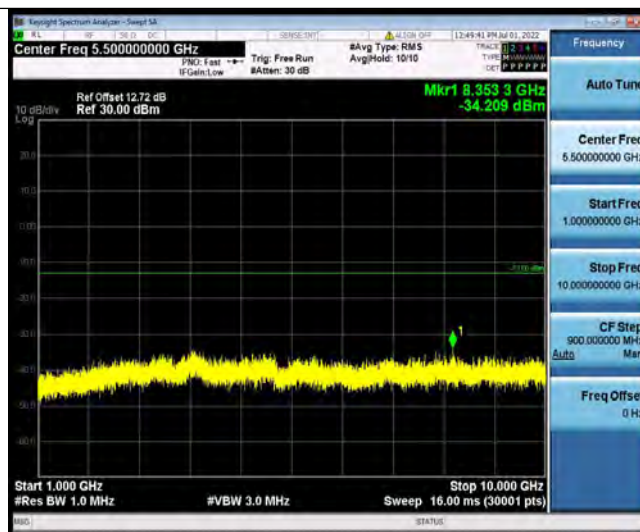
Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz



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



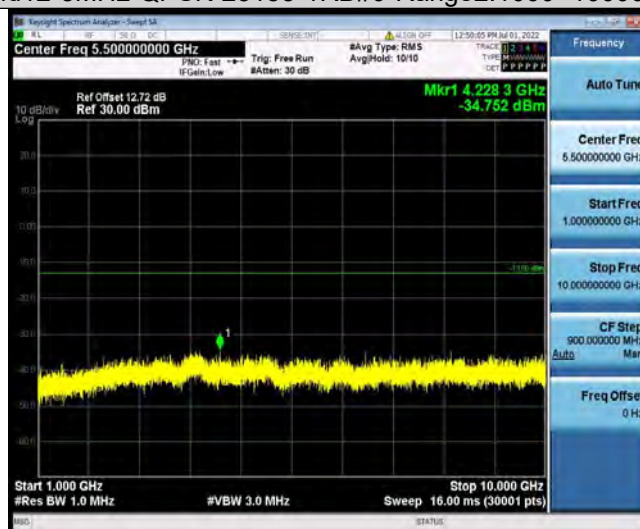
Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



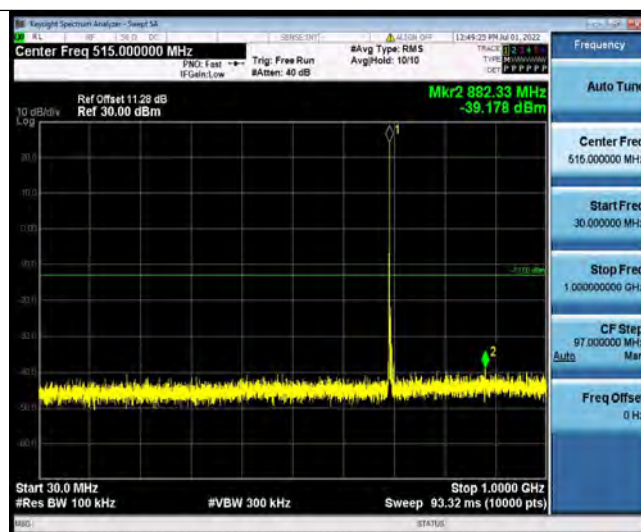
Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz



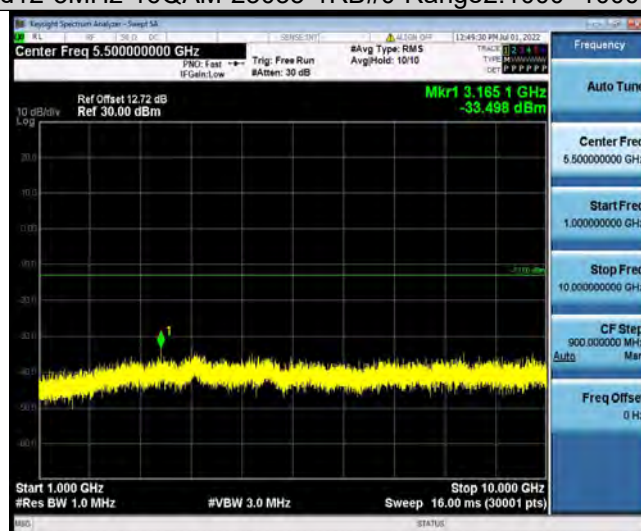
Band12-5MHz-QPSK-23155-1RB#0-Range2:1000~10000MHz



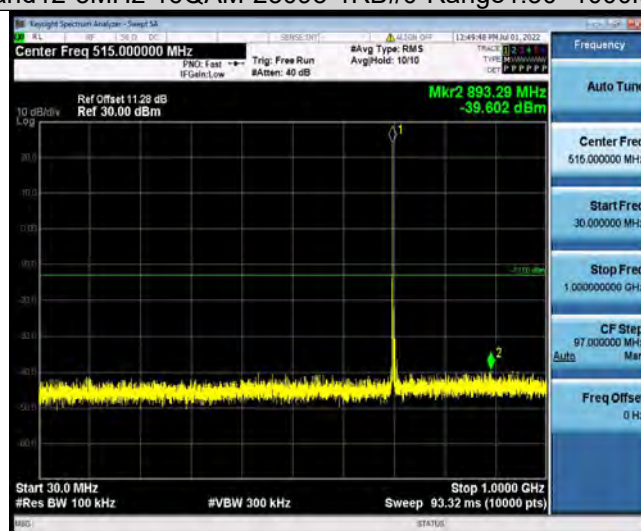
Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz



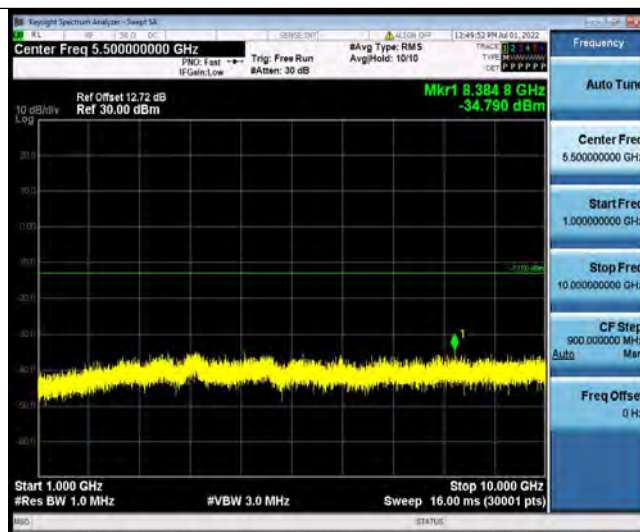
Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~10000MHz



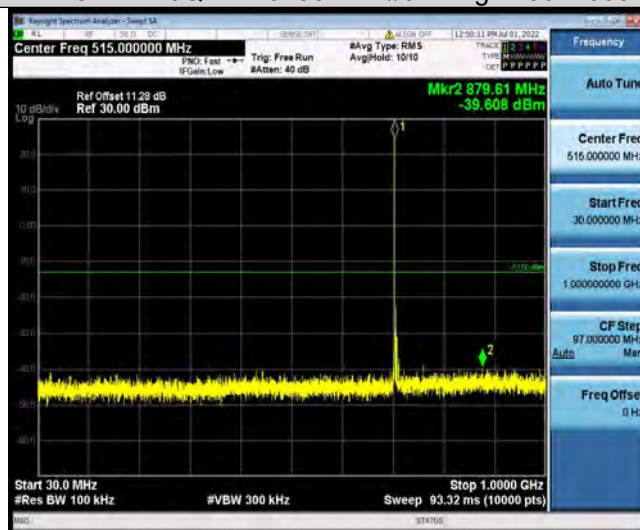
Band12-5MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



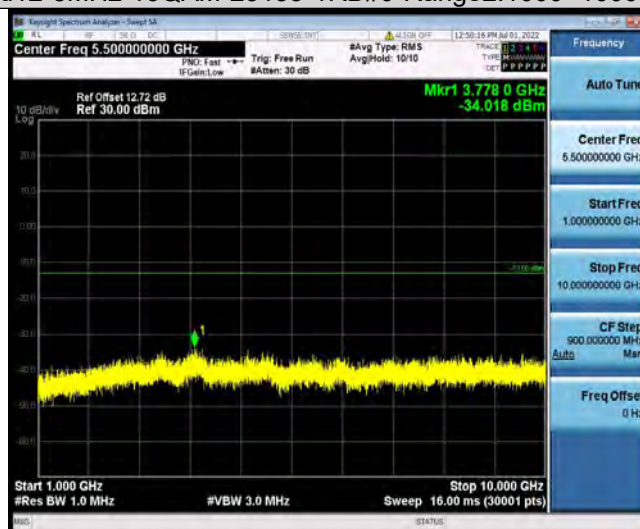
Band12-5MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz



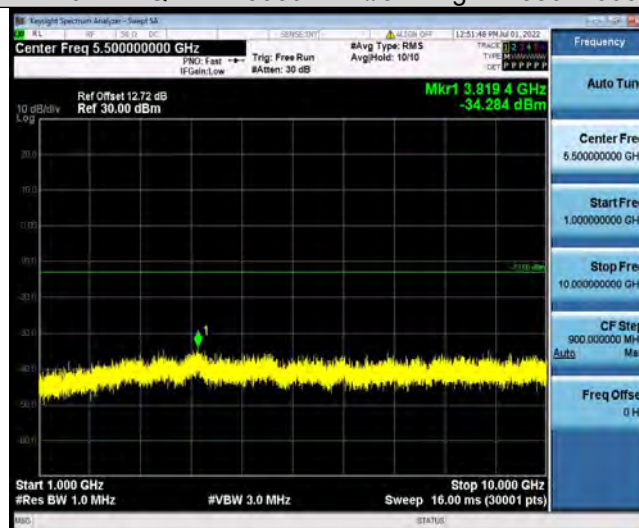
Band12-5MHz-16QAM-23155-1RB#0-Range2:1000~10000MHz



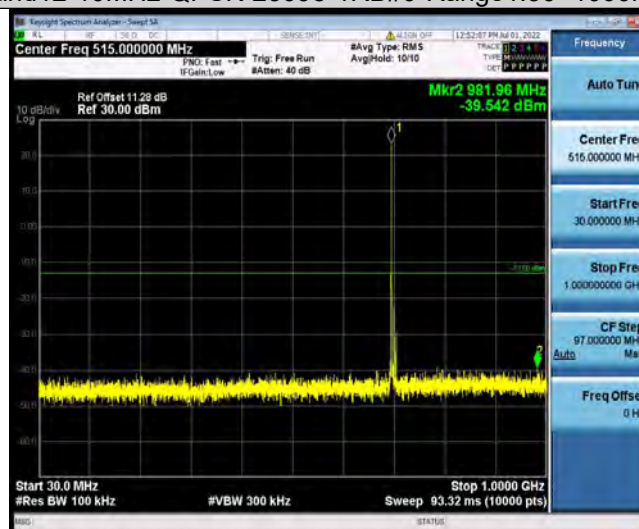
Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



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



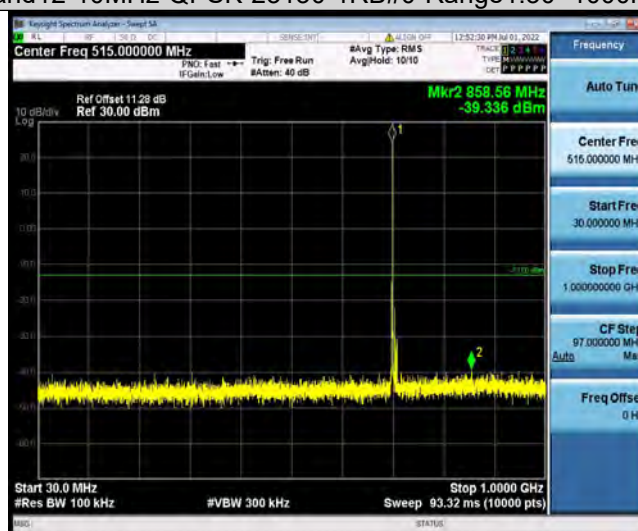
Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



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



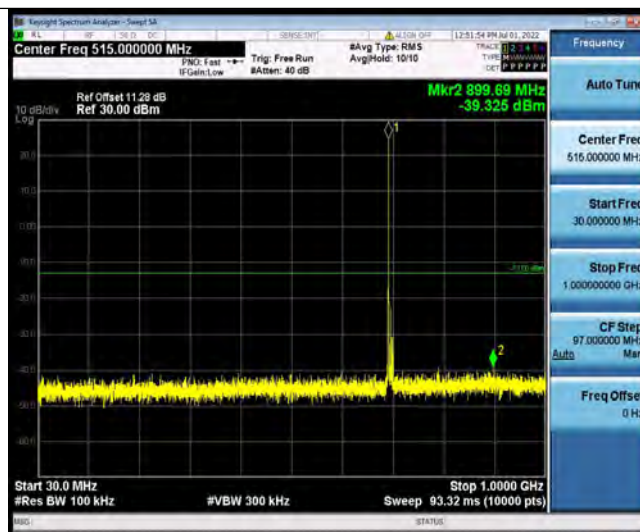
Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



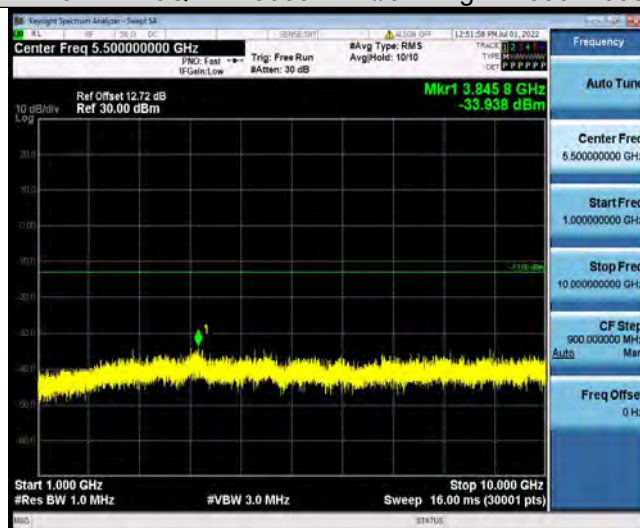
Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



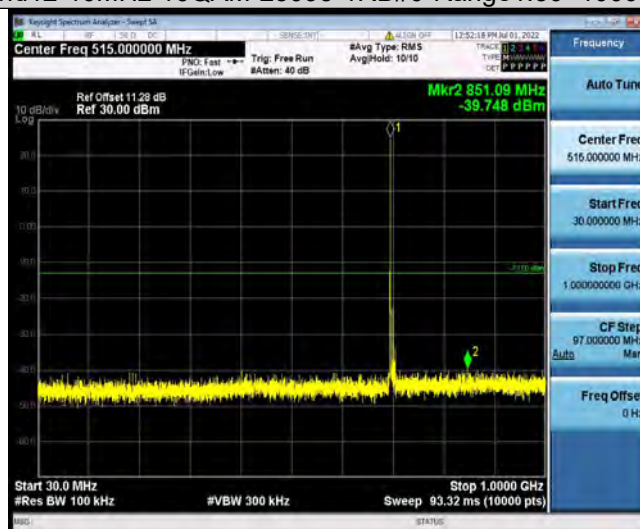
Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



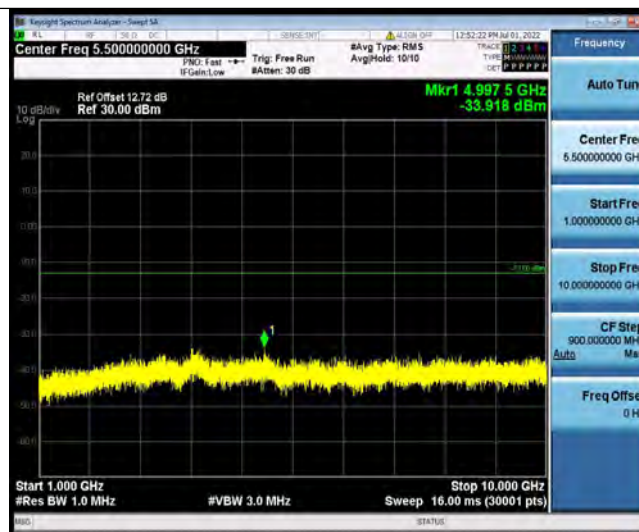
Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



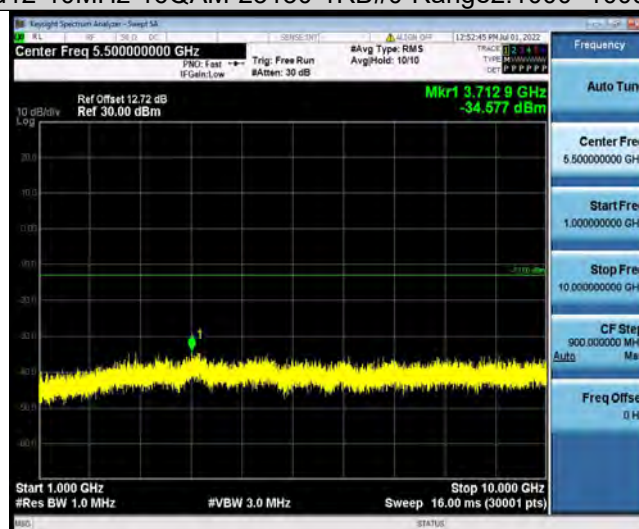
Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range1:30~1000MHz



Band12-10MHz-16QAM-23130-1RB#0-Range2:1000~10000MHz



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1_2	1.4MHz	QPSK	23017	6RB#0	VL	NT	-2.06	-0.002944	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	VN	NT	-1.79	-0.002558	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	VH	NT	-1.52	-0.002172	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	VL	NT	3.08	0.004353	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	VN	NT	3.91	0.005527	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	VH	NT	-2.85	-0.004028	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	VL	NT	-2.56	-0.003579	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	VN	NT	-1.20	-0.001678	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	VH	NT	-3.81	-0.005326	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	VL	NT	-1.13	-0.001615	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	VN	NT	-3.33	-0.004759	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	VH	NT	-2.02	-0.002887	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	VL	NT	-2.82	-0.003986	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	VN	NT	-2.85	-0.004028	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	VH	NT	-3.62	-0.005117	±2.5	PASS
Band1_2	1.4MHz	16QAM	23173	6RB#0	VL	NT	2.10	0.002936	±2.5	PASS
Band1_2	1.4MHz	16QAM	23173	6RB#0	VN	NT	2.03	0.002838	±2.5	PASS
Band1_2	1.4MHz	16QAM	23173	6RB#0	VH	NT	-2.42	-0.003383	±2.5	PASS
Band1_2	3MHz	QPSK	23025	15RB#0	VL	NT	-2.62	-0.003740	±2.5	PASS
Band1_2	3MHz	QPSK	23025	15RB#0	VN	NT	-2.35	-0.003355	±2.5	PASS
Band1_2	3MHz	QPSK	23025	15RB#0	VH	NT	-3.45	-0.004925	±2.5	PASS
Band1	3MHz	QPSK	23095	15RB#0	VL	NT	-3.10	-0.004382	±2.5	PASS



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2										
Band1 2	3MHz	QPSK	23095	15RB#0	VN	NT	-3.19	-0.004509	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VH	NT	-3.06	-0.004325	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VL	NT	3.20	0.004479	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VN	NT	-1.24	-0.001735	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VH	NT	-2.63	-0.003681	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VL	NT	-3.73	-0.005325	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VN	NT	-3.52	-0.005025	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VH	NT	-2.76	-0.003940	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VL	NT	-2.50	-0.003534	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VN	NT	-1.67	-0.002360	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VH	NT	-2.82	-0.003986	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VL	NT	-2.30	-0.003219	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VN	NT	-2.63	-0.003681	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VH	NT	2.56	0.003583	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VL	NT	-2.17	-0.003093	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VN	NT	-2.19	-0.003122	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VH	NT	1.92	0.002737	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VL	NT	2.89	0.004085	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VN	NT	-3.05	-0.004311	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VH	NT	-1.80	-0.002544	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VL	NT	-1.93	-0.002705	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VN	NT	-4.41	-0.006181	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VH	NT	3.23	0.004527	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VL	NT	-3.08	-0.004391	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VN	NT	-3.48	-0.004961	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VH	NT	-3.53	-0.005032	±2.5	PASS
Band1	5MHz	16QAM	23095	25RB#0	VL	NT	-1.49	-0.002106	±2.5	PASS

2										
Band1 2	5MHz	16QAM	23095	25RB#0	VN	NT	-4.03	-0.005696	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VH	NT	-2.27	-0.003208	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VL	NT	-2.29	-0.003210	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VN	NT	-2.68	-0.003756	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VH	NT	-2.96	-0.004149	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VL	NT	-2.15	-0.003054	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VN	NT	2.03	0.002884	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VH	NT	-1.52	-0.002159	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VL	NT	-3.09	-0.004367	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VN	NT	-3.40	-0.004806	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VH	NT	-2.90	-0.004099	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VL	NT	-3.53	-0.004965	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VN	NT	-2.52	-0.003544	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VH	NT	-3.00	-0.004219	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VL	NT	-1.75	-0.002486	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VN	NT	-1.87	-0.002656	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VH	NT	-1.60	-0.002273	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VL	NT	-3.08	-0.004353	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VN	NT	-2.83	-0.004000	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VH	NT	-2.36	-0.003336	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VL	NT	-5.62	-0.007904	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VN	NT	-2.79	-0.003924	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VH	NT	-3.99	-0.005612	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	-30	1.67	0.002387	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	-20	2.89	0.004130	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	0	-2.49	-0.003559	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	10	2.05	0.002930	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	20	1.99	0.002844	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	30	-1.60	-0.002287	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	40	2.09	0.002987	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	50	-1.60	-0.002287	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	-30	-1.73	-0.002445	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	-20	-2.02	-0.002855	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	0	-2.69	-0.003802	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	10	-2.07	-0.002926	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	20	-1.93	-0.002728	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	30	4.08	0.005767	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	40	-1.66	-0.002346	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	50	3.06	0.004325	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	-30	-1.75	-0.002447	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	-20	-1.83	-0.002558	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	0	-2.78	-0.003886	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	10	-2.46	-0.003439	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	20	-3.59	-0.005019	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	30	-2.90	-0.004054	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	40	-2.60	-0.003635	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	50	-3.40	-0.004753	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	-30	-2.29	-0.003273	±2.5	PASS



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Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	-20	-1.14	-0.001629	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	0	2.32	0.003316	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	10	1.83	0.002615	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	20	-1.20	-0.001715	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	30	1.47	0.002101	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	40	-2.68	-0.003830	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	50	-1.32	-0.001887	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-30	2.30	0.003251	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-20	-3.28	-0.004636	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	0	-2.19	-0.003095	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	10	-3.48	-0.004919	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	20	2.62	0.003703	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	30	-2.02	-0.002855	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	40	-2.93	-0.004141	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	50	-2.57	-0.003633	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-30	-1.53	-0.002139	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-20	-1.53	-0.002139	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	0	-1.90	-0.002656	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	10	-4.06	-0.005676	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	20	-2.75	-0.003845	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	30	-1.99	-0.002782	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	40	-2.70	-0.003775	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	50	-2.27	-0.003173	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-30	-3.60	-0.005139	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-20	-2.60	-0.003712	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	0	-2.85	-0.004069	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	10	-3.32	-0.004739	±2.5	PASS



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Band1 2	3MHz	QPSK	23025	15RB#0	NV	20	-3.98	-0.005682	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	30	-2.22	-0.003169	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	40	-4.06	-0.005796	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	50	-3.53	-0.005039	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-30	-1.92	-0.002714	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-20	-2.05	-0.002898	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	0	-3.42	-0.004834	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	10	-2.70	-0.003816	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	20	-1.82	-0.002572	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	30	-3.09	-0.004367	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	40	-1.37	-0.001936	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	50	-3.15	-0.004452	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-30	2.30	0.003219	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-20	3.53	0.004941	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	0	1.26	0.001763	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	10	2.22	0.003107	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	20	-1.89	-0.002645	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	30	1.79	0.002505	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	40	2.29	0.003205	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	50	-2.90	-0.004059	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-30	-2.83	-0.004040	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-20	-2.50	-0.003569	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	0	-3.33	-0.004754	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	10	-2.09	-0.002984	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	20	-2.68	-0.003826	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	30	-3.35	-0.004782	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	40	-2.73	-0.003897	±2.5	PASS



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Band1 2	3MHz	16QAM	23025	15RB#0	NV	50	-3.99	-0.005696	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-30	2.80	0.003958	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-20	-2.90	-0.004099	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	0	1.92	0.002714	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	10	-1.72	-0.002431	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	20	3.30	0.004664	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	30	-2.85	-0.004028	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	40	-2.90	-0.004099	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	50	-1.67	-0.002360	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-30	-4.29	-0.006004	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-20	-3.12	-0.004367	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	0	-2.30	-0.003219	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	10	4.84	0.006774	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	20	2.07	0.002897	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	30	-2.59	-0.003625	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	40	-3.00	-0.004199	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	50	-2.47	-0.003457	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-30	-2.72	-0.003877	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-20	-3.25	-0.004633	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	0	1.96	0.002794	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	10	-2.19	-0.003122	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	20	1.90	0.002708	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	30	-3.91	-0.005574	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	40	-2.70	-0.003849	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	50	-1.75	-0.002495	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-30	-1.90	-0.002686	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-20	-2.55	-0.003604	±2.5	PASS

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Band1 2	5MHz	QPSK	23095	25RB#0	NV	0	2.63	0.003717	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	10	-2.86	-0.004042	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	20	-1.67	-0.002360	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	30	-1.32	-0.001866	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	40	-2.82	-0.003986	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	50	-2.07	-0.002926	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-30	-2.86	-0.004008	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-20	-3.25	-0.004555	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	0	-2.43	-0.003406	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	10	-2.98	-0.004177	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	20	-3.13	-0.004387	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	30	-2.96	-0.004149	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	40	-1.49	-0.002088	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	50	-2.35	-0.003294	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-30	-1.62	-0.002309	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-20	2.33	0.003321	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	0	-2.37	-0.003378	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	10	-2.90	-0.004134	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	20	-2.82	-0.004020	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	30	-1.82	-0.002594	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	40	-2.42	-0.003450	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	50	-2.65	-0.003778	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-30	-1.69	-0.002389	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-20	-1.14	-0.001611	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	0	-2.35	-0.003322	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	10	-2.15	-0.003039	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	20	-2.52	-0.003562	±2.5	PASS



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Band1 2	5MHz	16QAM	23095	25RB#0	NV	30	-1.62	-0.002290	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	40	-2.07	-0.002926	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	50	-1.86	-0.002629	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-30	-3.39	-0.004751	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-20	-3.08	-0.004317	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	0	-1.30	-0.001822	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	10	-3.22	-0.004513	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	20	-2.07	-0.002901	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	30	-2.40	-0.003364	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	40	-1.89	-0.002649	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	50	-3.15	-0.004415	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-30	1.60	0.002273	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-20	-2.19	-0.003111	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	0	-3.02	-0.004290	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	10	-0.97	-0.001378	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	20	-3.13	-0.004446	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	30	-2.45	-0.003480	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	40	-3.06	-0.004347	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	50	-2.90	-0.004119	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-30	2.29	0.003237	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-20	-2.66	-0.003760	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	0	-3.52	-0.004975	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	10	1.47	0.002078	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	20	-3.68	-0.005201	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	30	-1.46	-0.002064	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	40	-2.39	-0.003378	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	50	-2.05	-0.002898	±2.5	PASS



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Band1 2	10MHz	QPSK	23130	50RB#0	NV	-30	-4.18	-0.005879	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-20	-2.42	-0.003404	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	0	-2.26	-0.003179	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	10	-2.22	-0.003122	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	20	-3.30	-0.004641	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	30	-3.99	-0.005612	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	40	-5.05	-0.007103	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	50	-3.05	-0.004290	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-30	-2.10	-0.002983	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-20	-2.22	-0.003153	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	0	1.76	0.002500	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	10	1.20	0.001705	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	20	2.07	0.002940	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	30	2.70	0.003835	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	40	1.67	0.002372	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	50	1.92	0.002727	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-30	-2.50	-0.003534	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-20	1.26	0.001781	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	0	-3.35	-0.004735	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	10	-2.02	-0.002855	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	20	-1.26	-0.001781	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	30	-2.70	-0.003816	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	40	-2.79	-0.003943	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	50	-2.07	-0.002926	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-30	-2.93	-0.004121	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-20	-2.69	-0.003783	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	0	-3.91	-0.005499	±2.5	PASS



BUREAU
VERITAS

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Band1 2	10MHz	16QAM	23130	50RB#0	NV	10	-3.46	-0.004866	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	20	-2.86	-0.004023	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	30	-3.39	-0.004768	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	40	-3.71	-0.005218	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	50	-2.75	-0.003868	±2.5	PASS



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LTE BAND13

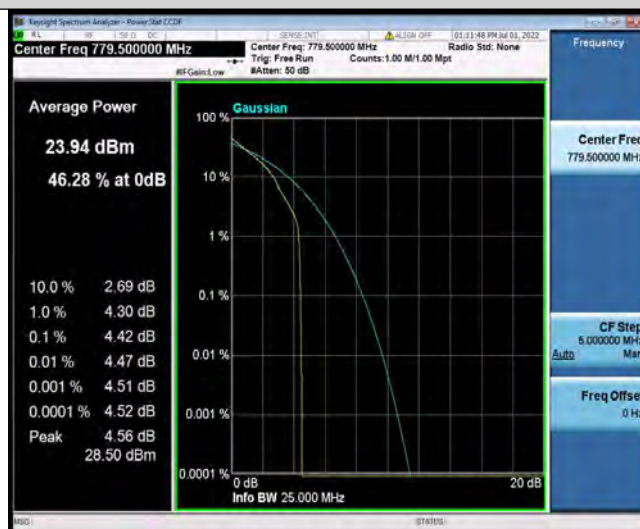
PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	4.42	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.19	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	4.53	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.30	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.69	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.25	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.37	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.00	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.39	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.10	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.50	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.04	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	4.37	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.25	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.15	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.03	13	PASS

Test Graphs

Band13-5MHz-QPSK-23205-1RB#0



Band13-5MHz-QPSK-23205-25RB#0



Band13-5MHz-QPSK-23230-1RB#0



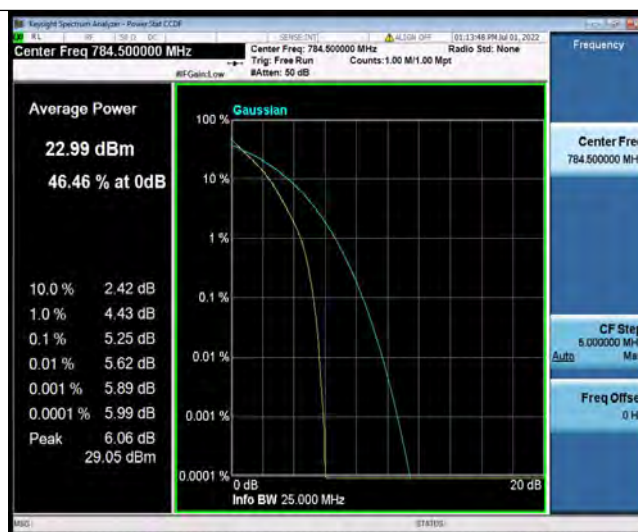
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Band13-5MHz-QPSK-23255-1RB#0



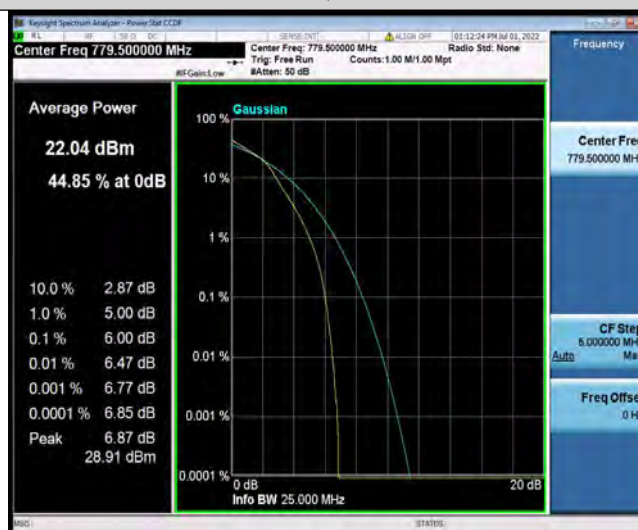
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Band13-5MHz-16QAM-23205-1RB#0



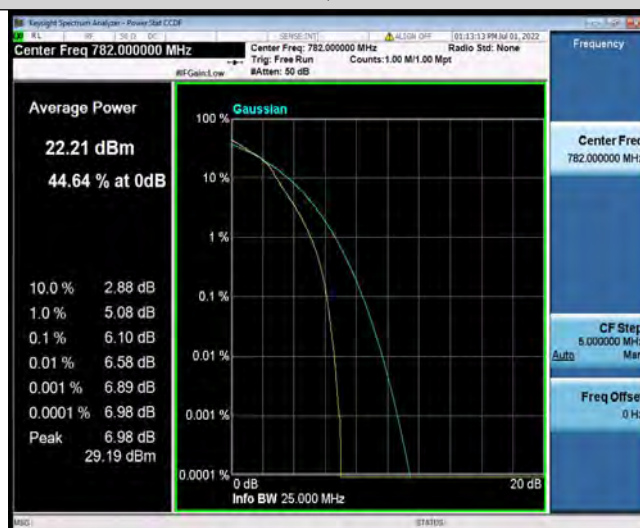
Band13-5MHz-16QAM-23205-25RB#0



Band13-5MHz-16QAM-23230-1RB#0



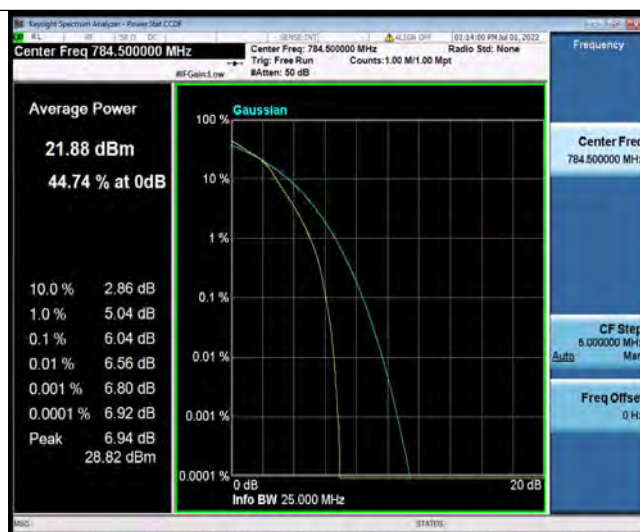
Band13-5MHz-16QAM-23230-25RB#0



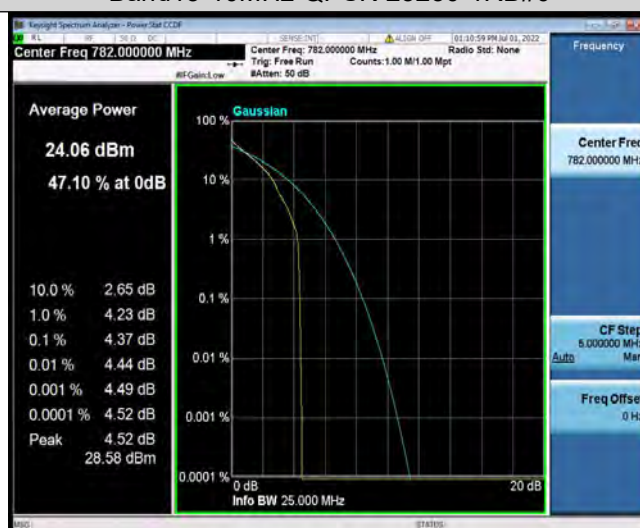
Band13-5MHz-16QAM-23255-1RB#0



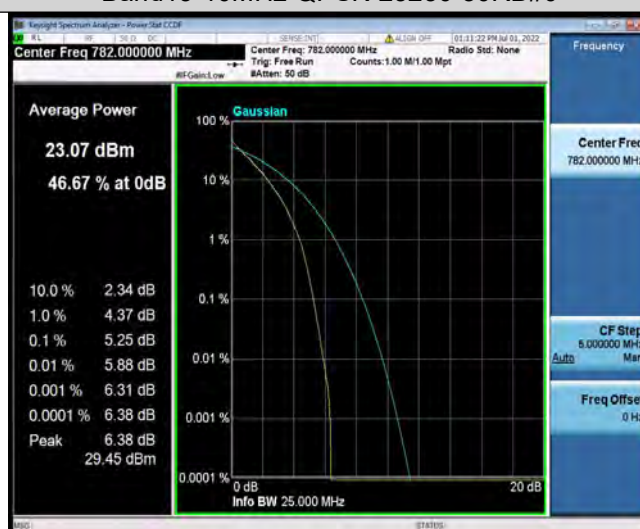
Band13-5MHz-16QAM-23255-25RB#0



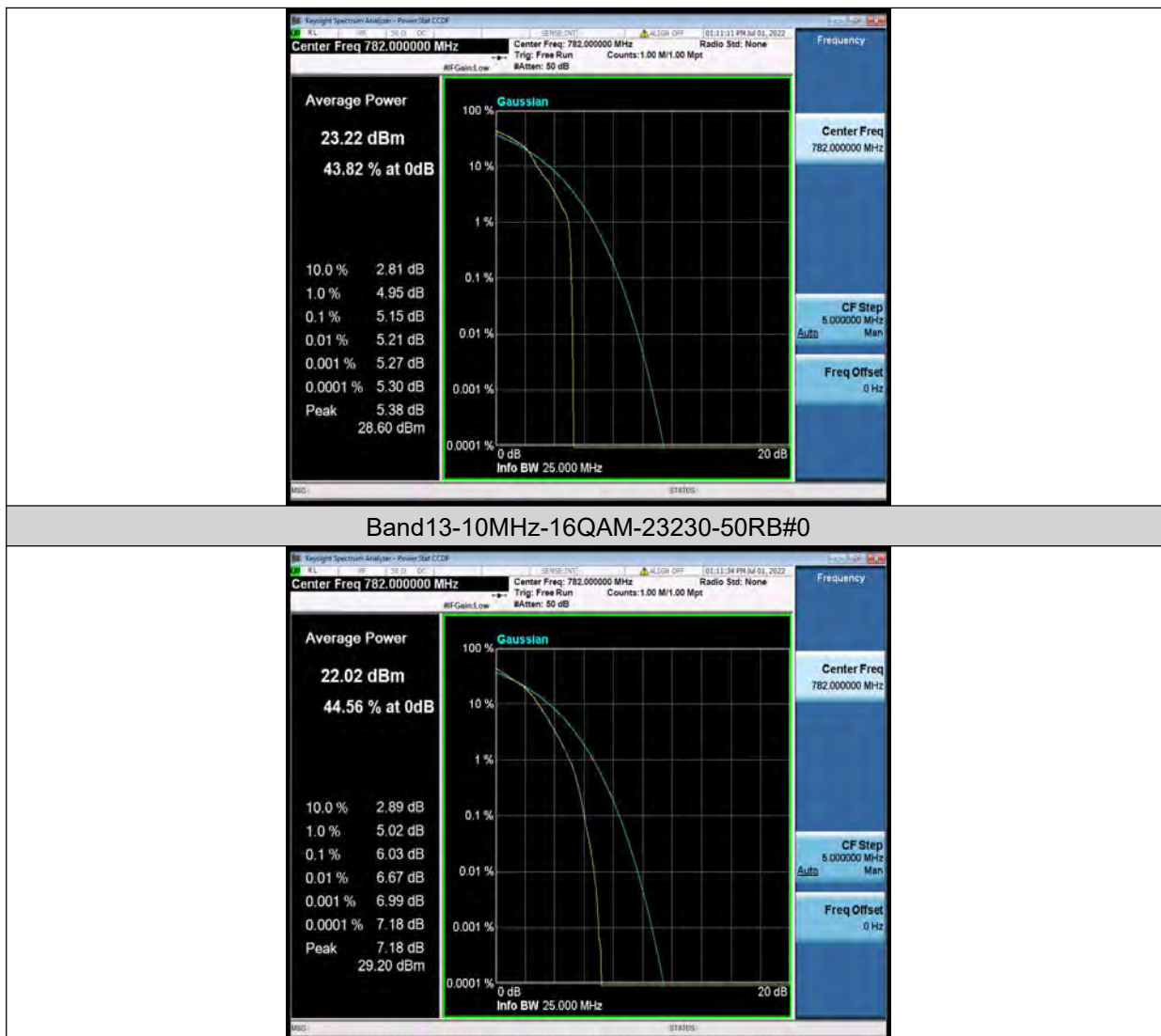
Band13-10MHz-QPSK-23230-1RB#0



Band13-10MHz-QPSK-23230-50RB#0



Band13-10MHz-16QAM-23230-1RB#0





Test Report No.: PSU-QSU2206080111RF03

26DB BANDWIDTH AND OCCUPIED BANDWIDTH

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5000	4.896	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5018	4.886	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4974	4.878	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5027	4.855	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4989	4.867	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5033	4.902	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9758	9.569	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9548	9.539	PASS

Test Graphs

Band13-5MHz-QPSK-23205-25RB#0



Band13-5MHz-QPSK-23230-25RB#0



Band13-5MHz-QPSK-23255-25RB#0



Band13-5MHz-16QAM-23205-25RB#0



Band13-5MHz-16QAM-23230-25RB#0



Band13-5MHz-16QAM-23255-25RB#0



Band13-10MHz-QPSK-23230-50RB#0



Band13-10MHz-16QAM-23230-50RB#0



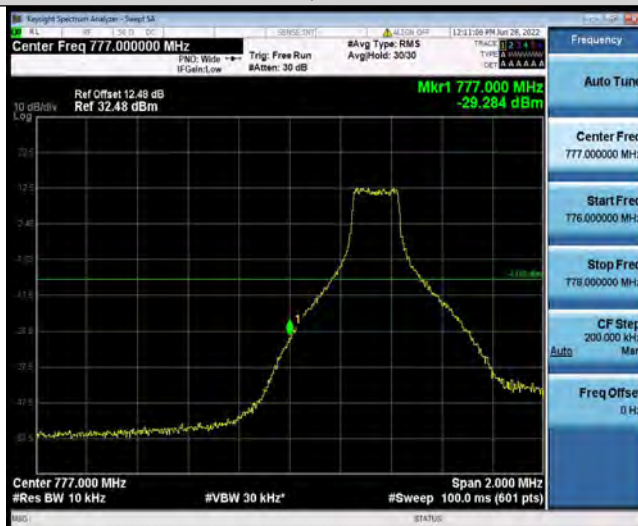
BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-29.28	PASS
Band13	5MHz	QPSK	23205	25RB#0	-24.43	PASS
Band13	5MHz	QPSK	23255	1RB#24	-29.88	PASS
Band13	5MHz	QPSK	23255	25RB#0	-24.96	PASS
Band13	5MHz	16QAM	23205	1RB#0	-29.84	PASS
Band13	5MHz	16QAM	23205	25RB#0	-25.69	PASS
Band13	5MHz	16QAM	23255	1RB#24	-30.71	PASS
Band13	5MHz	16QAM	23255	25RB#0	-26.53	PASS
Band13	10MHz	QPSK	23230	1RB#0	-25.65,-51.80	PASS
Band13	10MHz	QPSK	23230	1RB#49	-49.63,-28.27	PASS
Band13	10MHz	QPSK	23230	50RB#0	-27.71,-29.88	PASS
Band13	10MHz	16QAM	23230	1RB#0	-25.95,-52.08	PASS
Band13	10MHz	16QAM	23230	1RB#49	-50.98,-28.54	PASS
Band13	10MHz	16QAM	23230	50RB#0	-29.97,-30.81	PASS

Test Graphs

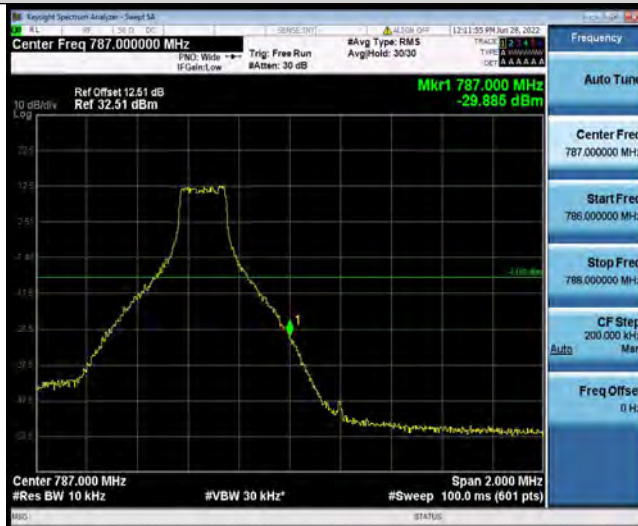
Band13-5MHz-QPSK-23205-1RB#0



Band13-5MHz-QPSK-23205-25RB#0



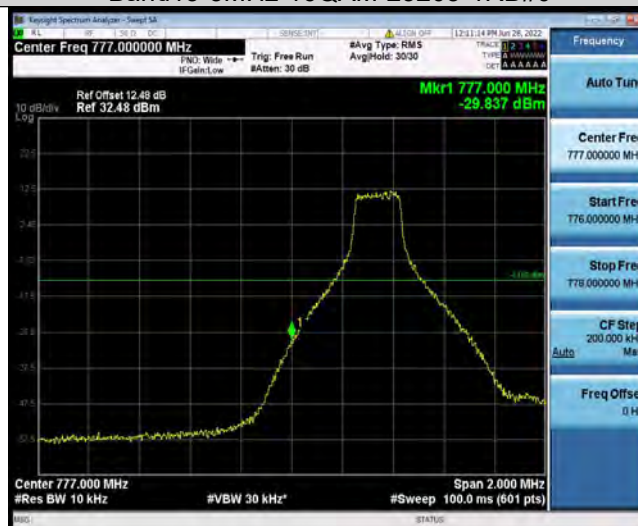
Band13-5MHz-QPSK-23255-1RB#24



Band13-5MHz-QPSK-23255-25RB#0



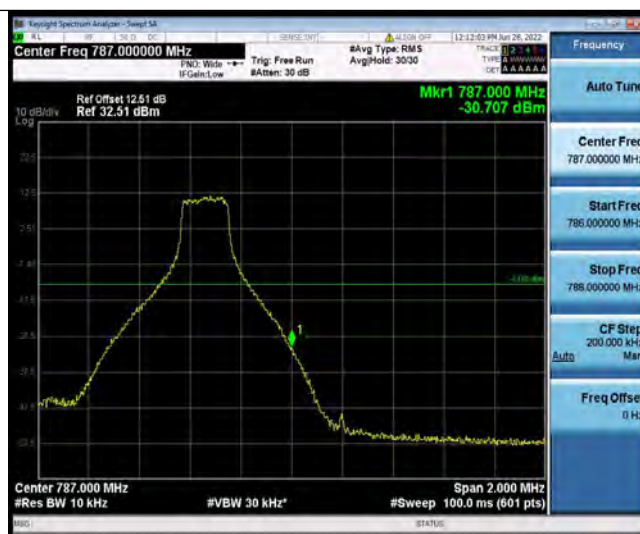
Band13-5MHz-16QAM-23205-1RB#0



Band13-5MHz-16QAM-23205-25RB#0



Band13-5MHz-16QAM-23255-1RB#24



Band13-5MHz-16QAM-23255-25RB#0



Band13-10MHz-QPSK-23230-1RB#0



Band13-10MHz-QPSK-23230-1RB#49



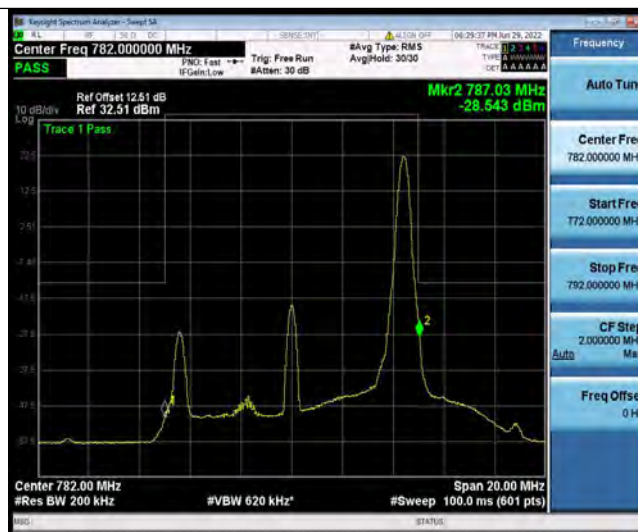
Band13-10MHz-QPSK-23230-50RB#0



Band13-10MHz-16QAM-23230-1RB#0



Band13-10MHz-16QAM-23230-1RB#49



Band13-10MHz-16QAM-23230-50RB#0



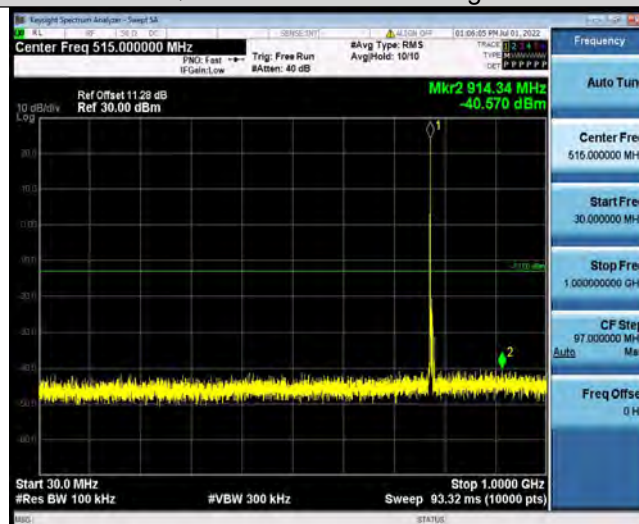
CONDUCTED SPURIOUS EMISSION

Test Result

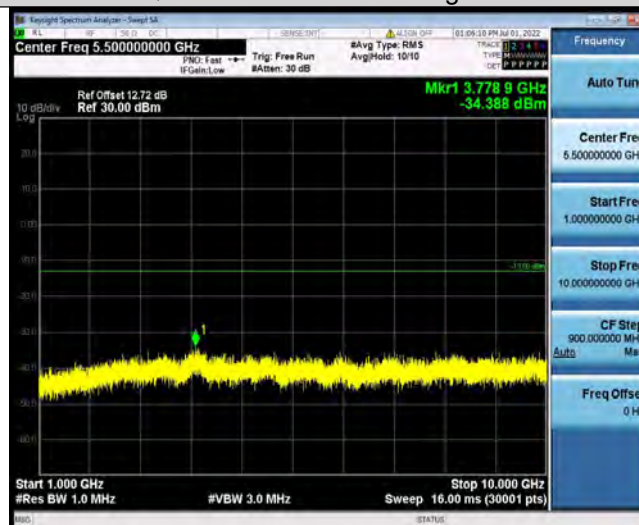
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-40.57	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-34.39	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:1559~1610MHz	-59.11	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-40.12	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-34.06	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:1559~1610MHz	-46.77	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-40.12	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-34.55	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:1559~1610MHz	-46.36	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-39.21	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-34.16	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:1559~1610MHz	-59.19	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-40.22	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-34.06	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:1559~1610MHz	-48.54	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-39.97	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-34.07	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:1559~1610MHz	-46.65	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-40.24	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-34.74	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:1559~1610MHz	-59.12	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-40.11	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-34.14	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:1559~1610MHz	-59.1	PASS

Test Graphs

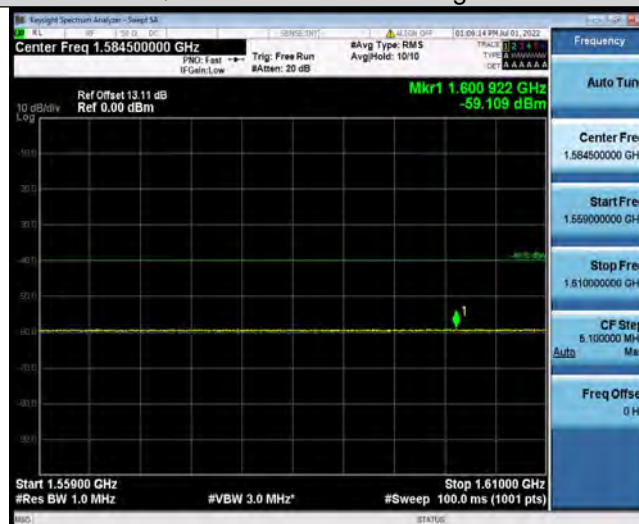
Band13-5MHz-QPSK-23205-1RB#0-Range1:30~1000MHz



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



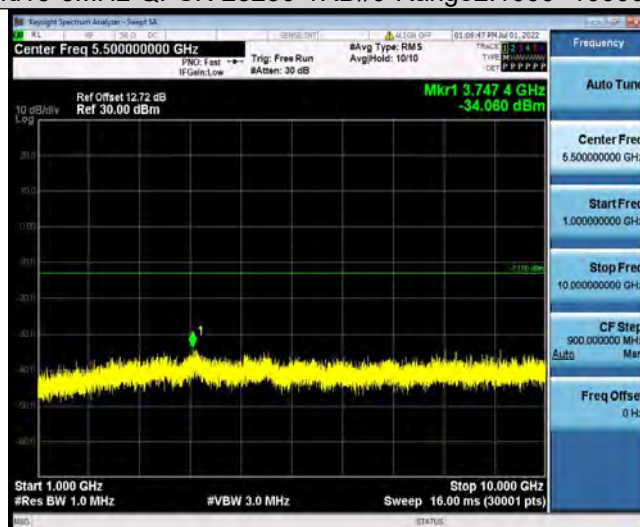
Band13-5MHz-QPSK-23205-1RB#0-Range3:1559~1610MHz



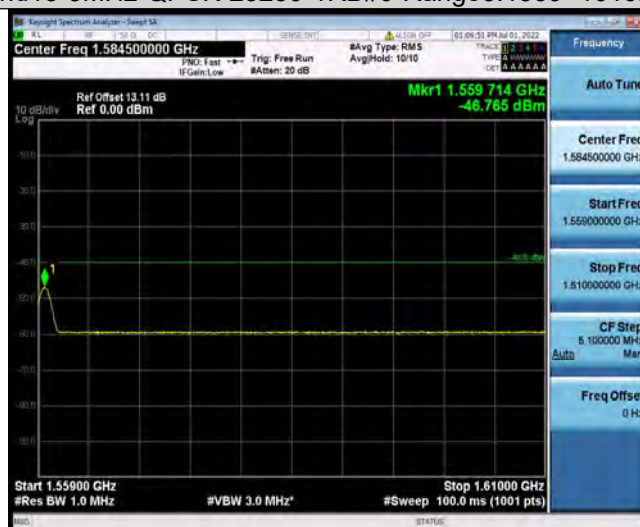
Band13-5MHz-QPSK-23230-1RB#0-Range1:30~1000MHz



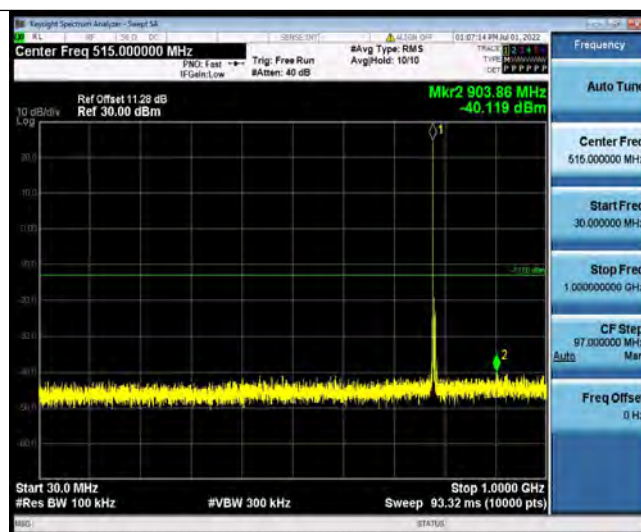
Band13-5MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



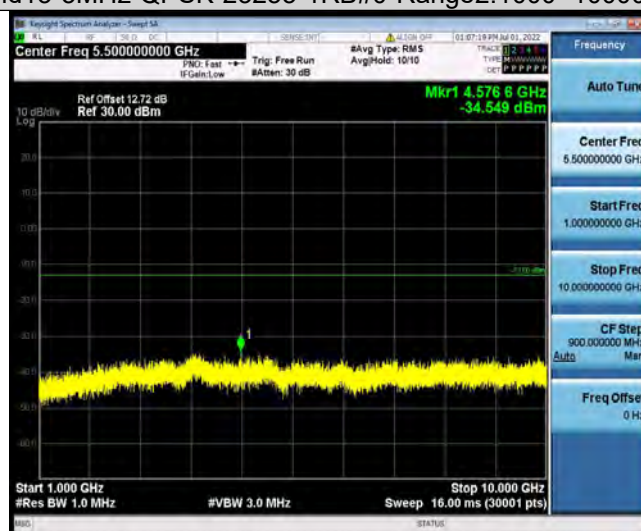
Band13-5MHz-QPSK-23230-1RB#0-Range3:1559~1610MHz



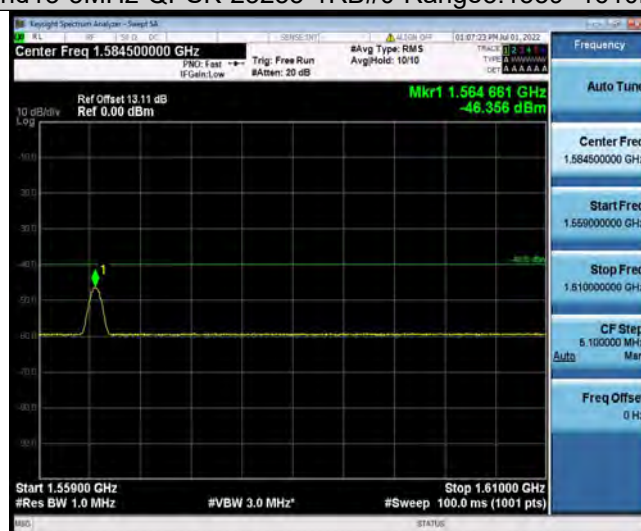
Band13-5MHz-QPSK-23255-1RB#0-Range1:30~1000MHz



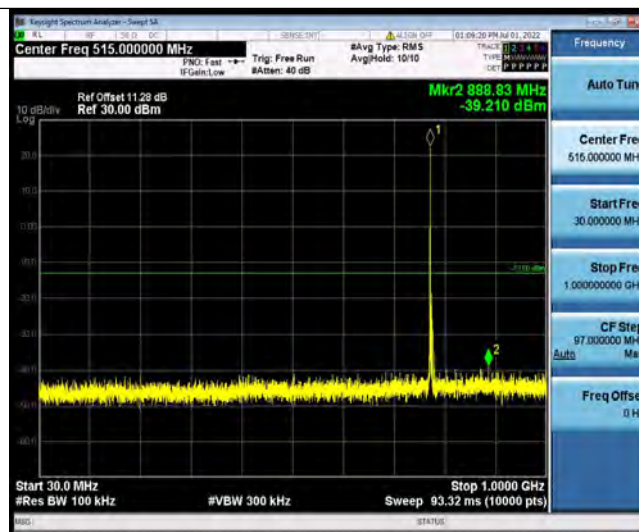
Band13-5MHz-QPSK-23255-1RB#0-Range2:1000~10000MHz



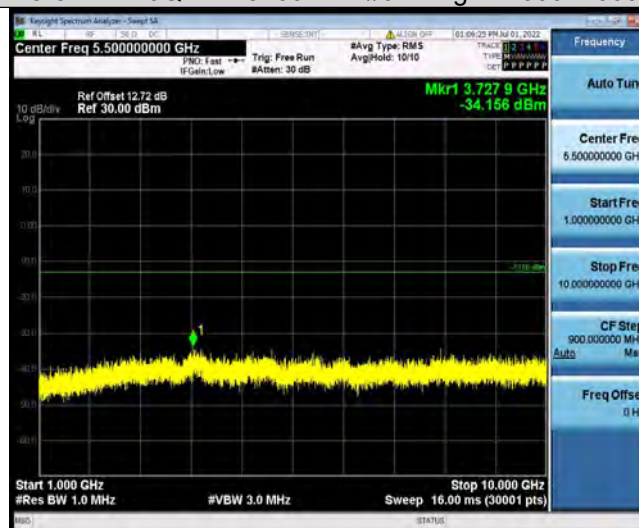
Band13-5MHz-QPSK-23255-1RB#0-Range3:1559~1610MHz



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



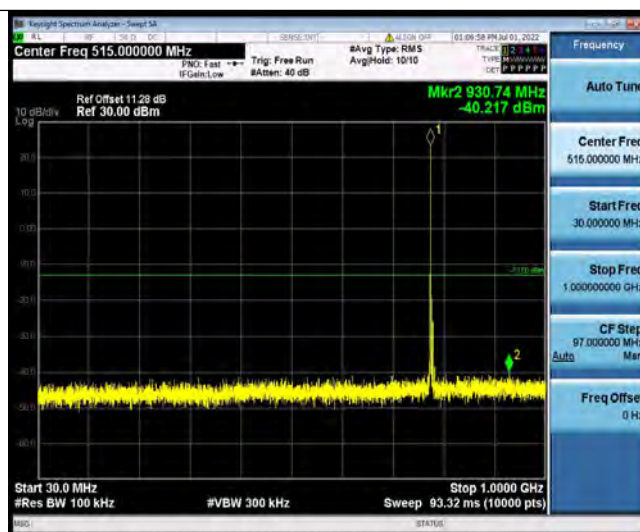
Band13-5MHz-16QAM-23205-1RB#0-Range2:1000~10000MHz



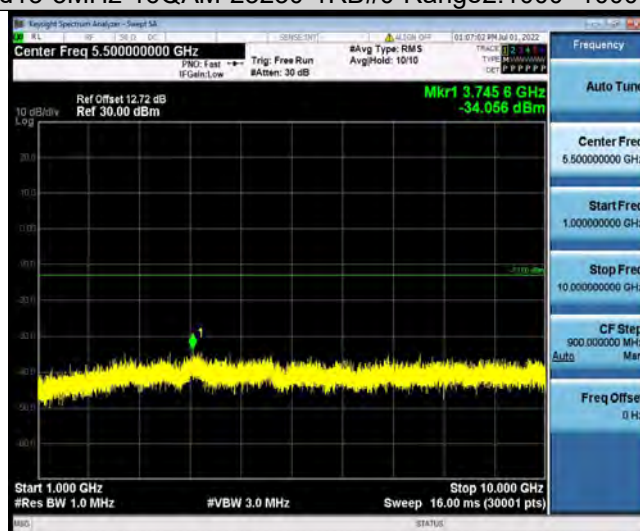
Band13-5MHz-16QAM-23205-1RB#0-Range3:1559~1610MHz



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



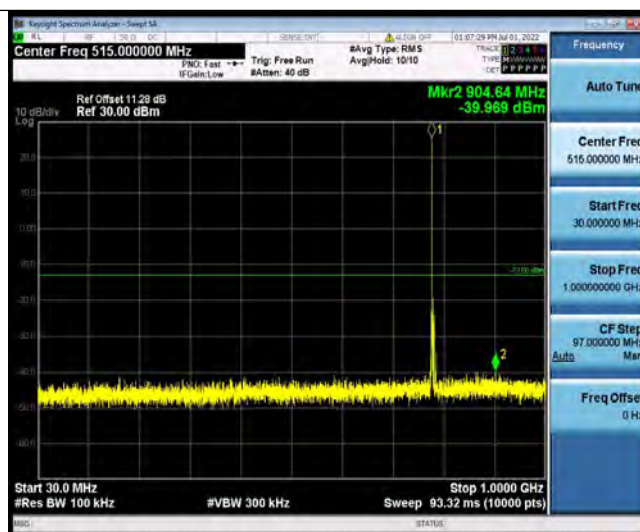
Band13-5MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz



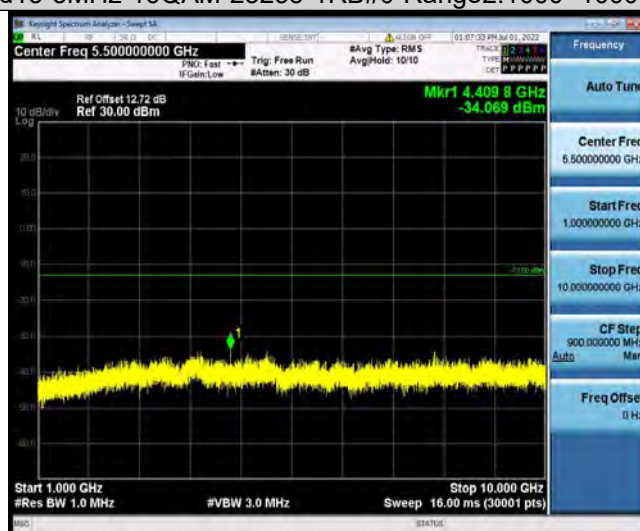
Band13-5MHz-16QAM-23230-1RB#0-Range3:1559~1610MHz



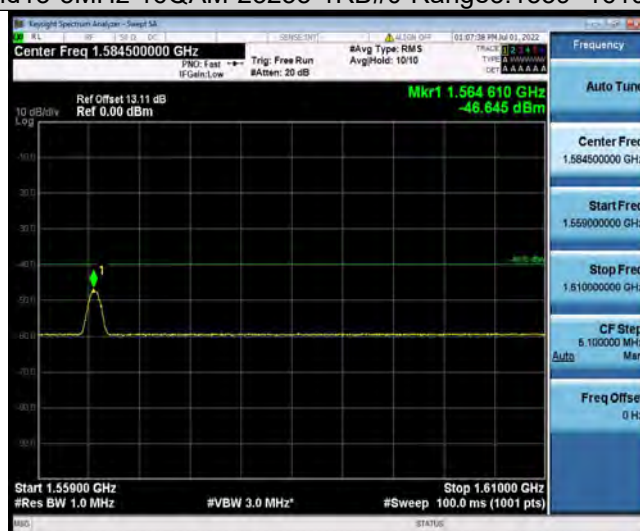
Band13-5MHz-16QAM-23255-1RB#0-Range1:30~1000MHz



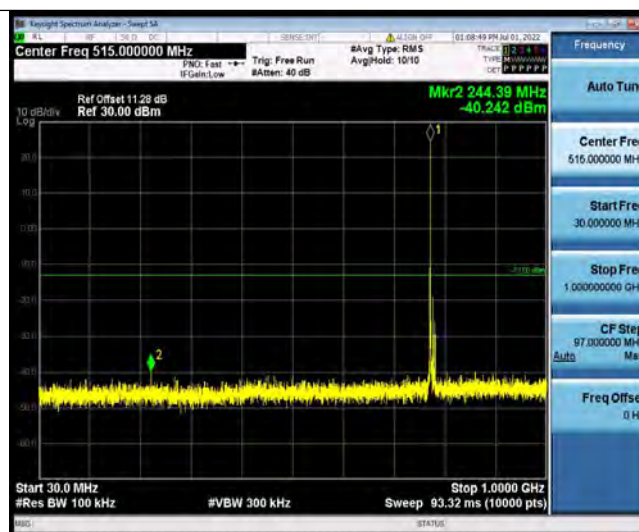
Band13-5MHz-16QAM-23255-1RB#0-Range2:1000~10000MHz



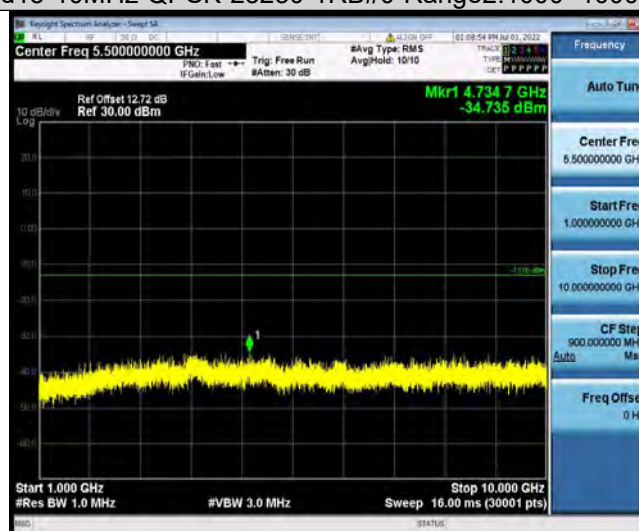
Band13-5MHz-16QAM-23255-1RB#0-Range3:1559~1610MHz



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



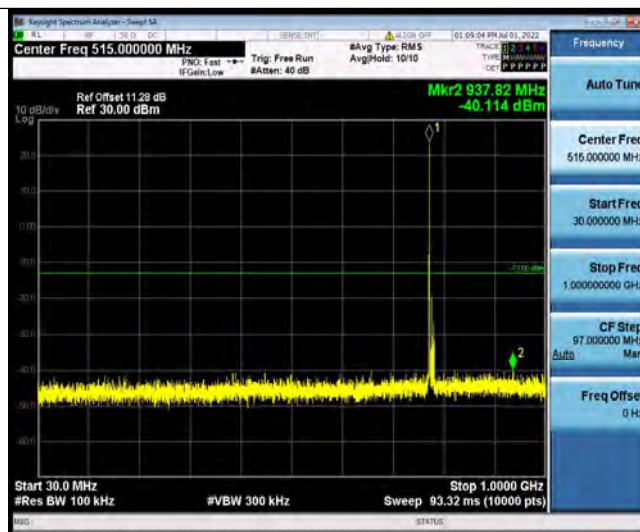
Band13-10MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



Band13-10MHz-QPSK-23230-1RB#0-Range3:1559~1610MHz



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



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



Band13-10MHz-16QAM-23230-1RB#0-Range3:1559~1610MHz



FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1_3	5MHz	QPSK	23205	25RB#0	VL	NT	-2.79	-0.003579	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	VN	NT	-3.75	-0.004811	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	VH	NT	-2.56	-0.003284	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VL	NT	-1.76	-0.002251	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VN	NT	3.63	0.004642	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VH	NT	-2.57	-0.003286	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VL	NT	1.85	0.002358	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VN	NT	-1.59	-0.002027	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VH	NT	-2.57	-0.003276	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VL	NT	-2.90	-0.003720	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VN	NT	-3.52	-0.004516	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VH	NT	-2.89	-0.003708	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VL	NT	-2.03	-0.002596	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VN	NT	-3.28	-0.004194	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VH	NT	-2.50	-0.003197	±2.5	PASS
Band1_3	5MHz	16QAM	23255	25RB#0	VL	NT	-1.76	-0.002243	±2.5	PASS
Band1_3	5MHz	16QAM	23255	25RB#0	VN	NT	-2.79	-0.003556	±2.5	PASS
Band1_3	5MHz	16QAM	23255	25RB#0	VH	NT	3.72	0.004742	±2.5	PASS
Band1_3	10MHz	QPSK	23230	50RB#0	VL	NT	-2.66	-0.003402	±2.5	PASS
Band1_3	10MHz	QPSK	23230	50RB#0	VN	NT	1.24	0.001586	±2.5	PASS
Band1_3	10MHz	QPSK	23230	50RB#0	VH	NT	-2.30	-0.002941	±2.5	PASS
Band1	10MHz	16QAM	23230	50RB#0	VL	NT	-5.18	-0.006624	±2.5	PASS



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3										
Band1 3	10MHz	16QAM	23230	50RB#0	VN	NT	-0.74	-0.000946	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VH	NT	-2.26	-0.002890	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1_3	5MHz	QPSK	23205	25RB#0	NV	-30	-3.88	-0.004978	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	NV	-20	-3.22	-0.004131	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	NV	0	-2.26	-0.002899	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	NV	10	-2.99	-0.003836	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	NV	20	-3.09	-0.003964	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	NV	30	-3.15	-0.004041	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	NV	40	-3.12	-0.004003	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	NV	50	-2.66	-0.003412	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	NV	-30	1.59	0.002033	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	NV	-20	-1.92	-0.002455	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	NV	0	-2.22	-0.002839	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	NV	10	-1.93	-0.002468	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	NV	20	-3.38	-0.004322	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	NV	30	-3.45	-0.004412	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	NV	40	-2.56	-0.003274	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	NV	50	-2.12	-0.002711	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	NV	-30	-1.23	-0.001568	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	NV	-20	1.56	0.001989	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	NV	0	-2.03	-0.002588	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	NV	10	1.97	0.002511	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	NV	20	-2.85	-0.003633	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	NV	30	1.72	0.002192	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	NV	40	-1.93	-0.002460	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	NV	50	2.02	0.002575	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	NV	-30	-2.66	-0.003412	±2.5	PASS



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Band1 3	5MHz	16QAM	23205	25RB#0	NV	-20	-1.56	-0.002001	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	0	-1.30	-0.001668	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	10	-1.83	-0.002348	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	20	-2.73	-0.003502	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	30	-3.02	-0.003874	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	40	-2.19	-0.002809	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	50	-5.36	-0.006876	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	-30	-1.65	-0.002110	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	-20	-2.35	-0.003005	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	0	-2.70	-0.003453	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	10	-2.55	-0.003261	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	20	-3.16	-0.004041	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	30	2.69	0.003440	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	40	-3.38	-0.004322	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	50	1.87	0.002391	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	-30	-1.99	-0.002537	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	-20	2.96	0.003773	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	0	2.92	0.003722	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	10	-2.92	-0.003722	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	20	-1.63	-0.002078	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	30	-2.95	-0.003760	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	40	2.36	0.003008	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	50	2.96	0.003773	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-30	-4.43	-0.005665	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-20	3.33	0.004258	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	0	-1.85	-0.002366	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	10	-3.43	-0.004386	±2.5	PASS



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Band1 3	10MHz	QPSK	23230	50RB#0	NV	20	-1.90	-0.002430	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	30	-2.70	-0.003453	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	40	1.73	0.002212	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	50	-2.19	-0.002801	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	-30	3.08	0.003939	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	-20	-1.43	-0.001829	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	0	-2.13	-0.002724	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	10	-2.88	-0.003683	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	20	0.97	0.001240	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	30	-2.32	-0.002967	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	40	-2.95	-0.003772	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	50	2.32	0.002967	±2.5	PASS



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LTE BAND41

PEAK-TO-AVERAGE RATIO(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	4.23	13	PASS
Band41	5MHz	QPSK	39675	25RB#0	4.96	13	PASS
Band41	5MHz	QPSK	40620	1RB#0	5.10	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.02	13	PASS
Band41	5MHz	QPSK	41565	1RB#0	4.47	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.66	13	PASS
Band41	5MHz	16QAM	39675	1RB#0	4.91	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	6.42	13	PASS
Band41	5MHz	16QAM	40620	1RB#0	6.09	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	6.05	13	PASS
Band41	5MHz	16QAM	41565	1RB#0	5.20	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	6.18	13	PASS
Band41	10MHz	QPSK	39700	1RB#0	4.12	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	4.82	13	PASS
Band41	10MHz	QPSK	40620	1RB#0	4.14	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	4.62	13	PASS
Band41	10MHz	QPSK	41540	1RB#0	4.80	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	4.50	13	PASS
Band41	10MHz	16QAM	39700	1RB#0	5.00	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	5.66	13	PASS
Band41	10MHz	16QAM	40620	1RB#0	5.01	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	5.52	13	PASS
Band41	10MHz	16QAM	41540	1RB#0	5.02	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	5.43	13	PASS
Band41	15MHz	QPSK	39725	1RB#0	4.47	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.09	13	PASS
Band41	15MHz	QPSK	40620	1RB#0	4.13	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	4.92	13	PASS
Band41	15MHz	QPSK	41515	1RB#0	3.77	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	4.75	13	PASS
Band41	15MHz	16QAM	39725	1RB#0	5.98	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	5.88	13	PASS
Band41	15MHz	16QAM	40620	1RB#0	5.41	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	5.68	13	PASS
Band41	15MHz	16QAM	41515	1RB#0	5.19	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	5.55	13	PASS
Band41	20MHz	QPSK	39750	1RB#0	4.26	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	4.93	13	PASS
Band41	20MHz	QPSK	40620	1RB#0	4.61	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	4.85	13	PASS
Band41	20MHz	QPSK	41490	1RB#0	3.92	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	4.72	13	PASS



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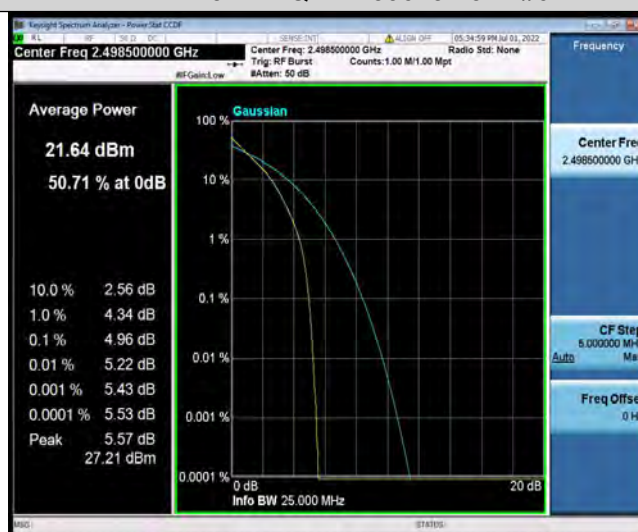
Band41	20MHz	16QAM	39750	1RB#0	5.24	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	5.82	13	PASS
Band41	20MHz	16QAM	40620	1RB#0	5.11	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	5.72	13	PASS
Band41	20MHz	16QAM	41490	1RB#0	4.70	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	5.54	13	PASS

Test Graphs

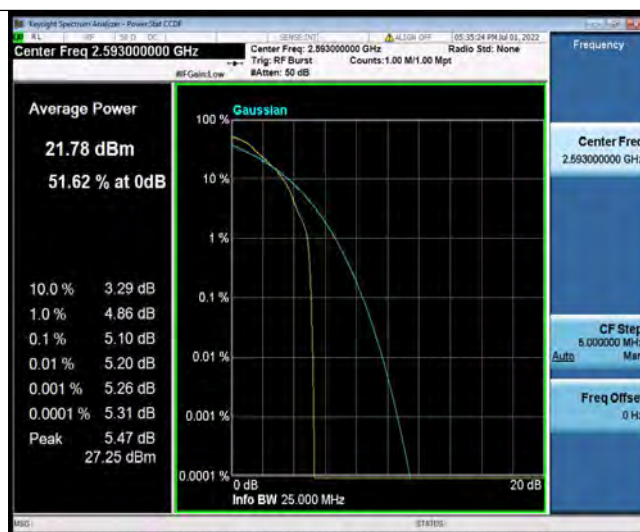
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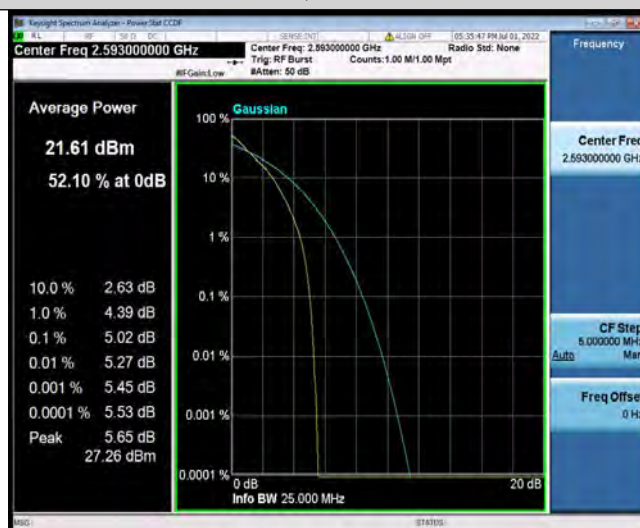
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Band41-5MHz-QPSK-40620-1RB#0



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



Band41-5MHz-QPSK-41565-1RB#0



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



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



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



Band41-5MHz-16QAM-40620-1RB#0



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



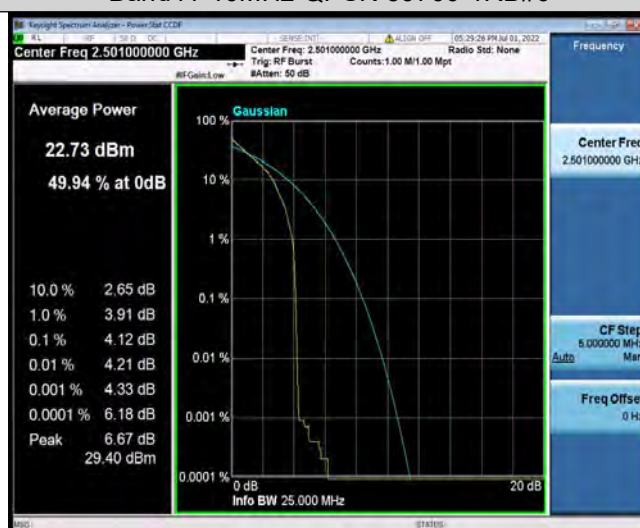
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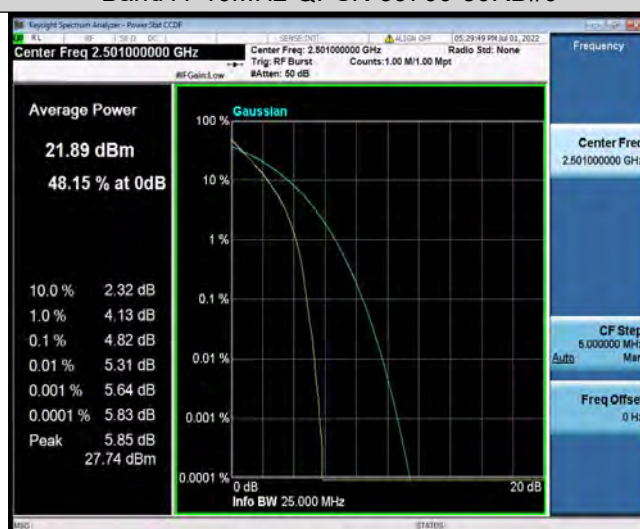
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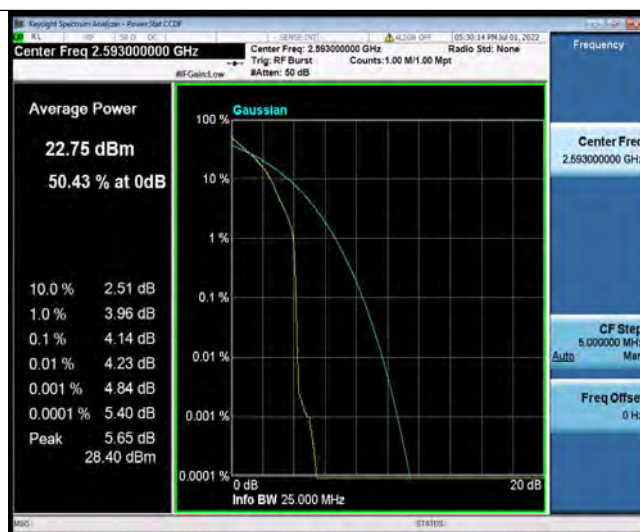
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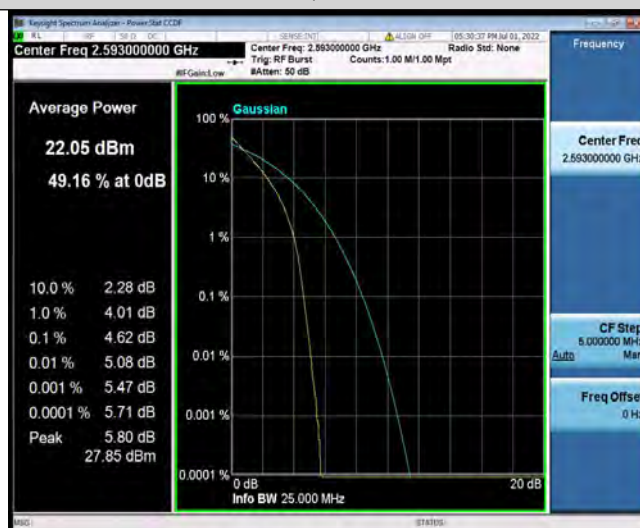
Band41-10MHz-QPSK-39700-50RB#0



Band41-10MHz-QPSK-40620-1RB#0



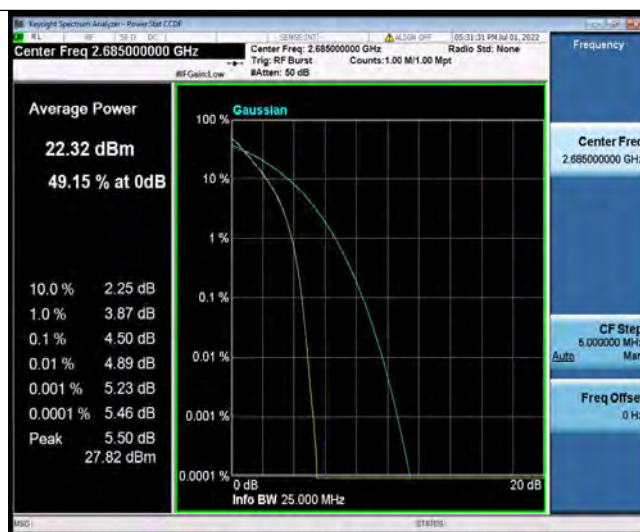
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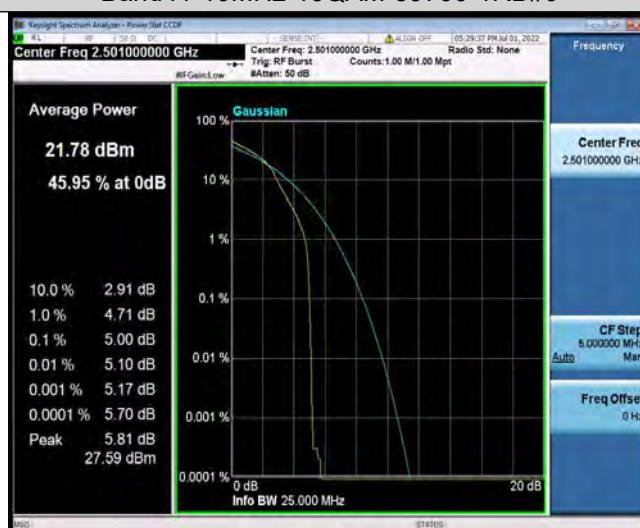
Band41-10MHz-QPSK-41540-1RB#0



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



Band41-10MHz-16QAM-39700-1RB#0



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



Band41-10MHz-16QAM-40620-1RB#0