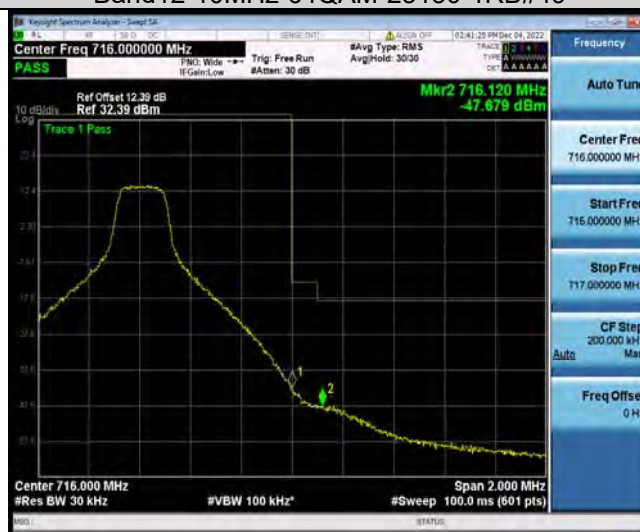




Band12-10MHz-64QAM-23060-50RB#0



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



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



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Test Report No.: W7L-P22110037RF06



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	-39.68	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-33.01	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-40.11	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.23	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-39.79	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-34.26	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-39.16	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-34.67	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-39.69	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-33.87	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-40.2	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-34.12	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	Range1:30~1000MHz	-40.15	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	Range2:1000~10000MHz	-33.42	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-39.7	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-34.84	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	Range1:30~1000MHz	-40.22	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	Range2:1000~10000MHz	-34.08	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-39.74	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-34.1	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-40.11	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.66	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-40.48	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-33.65	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-39.13	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-33.95	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-39.91	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.41	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-40.02	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-34.65	PASS
Band12	3MHz	64QAM	23025	1RB#0	Range1:30~1000MHz	-39.58	PASS
Band12	3MHz	64QAM	23025	1RB#0	Range2:1000~10000MHz	-33.95	PASS
Band12	3MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-39.81	PASS
Band12	3MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-34.54	PASS
Band12	3MHz	64QAM	23165	1RB#0	Range1:30~1000MHz	-39.84	PASS
Band12	3MHz	64QAM	23165	1RB#0	Range2:1000~10000MHz	-34.08	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-40.05	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-34.91	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.91	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-33.99	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-39.53	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-32.72	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-39.78	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-33.87	PASS

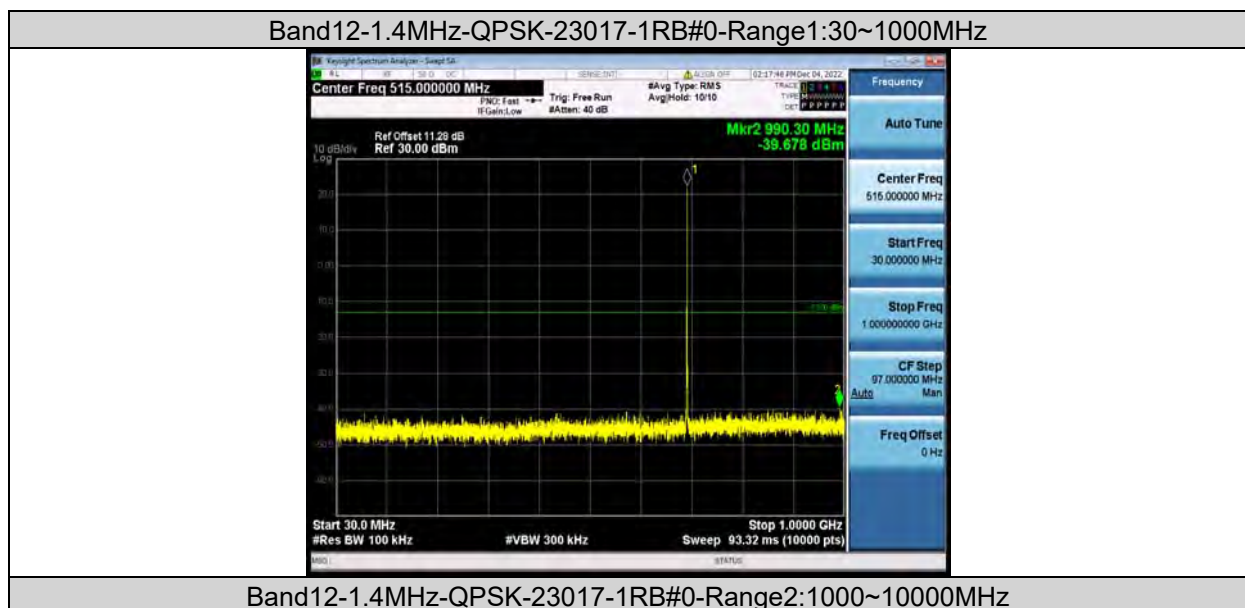


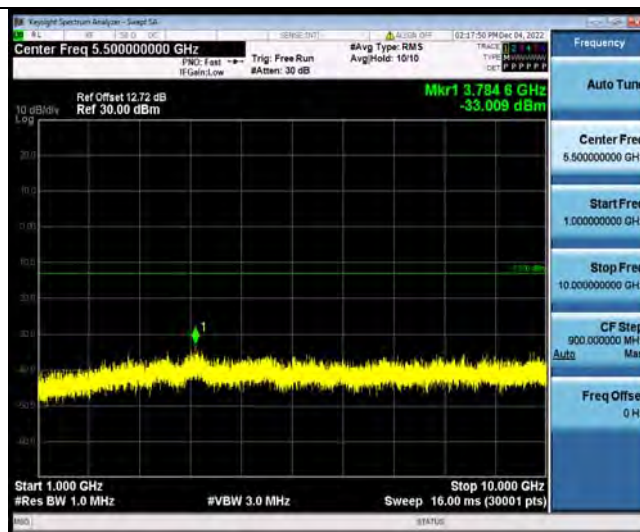
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Test Report No.: W7L-P22110037RF06

Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-40.28	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-33.72	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-39.79	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-33.57	PASS
Band12	5MHz	64QAM	23035	1RB#0	Range1:30~1000MHz	-38.88	PASS
Band12	5MHz	64QAM	23035	1RB#0	Range2:1000~10000MHz	-35.06	PASS
Band12	5MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-40.29	PASS
Band12	5MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-33.58	PASS
Band12	5MHz	64QAM	23155	1RB#0	Range1:30~1000MHz	-39.96	PASS
Band12	5MHz	64QAM	23155	1RB#0	Range2:1000~10000MHz	-33.8	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-39.66	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-34.6	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.97	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-33.89	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-40.16	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-33.63	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-39.78	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-34.5	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-40.01	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-35.05	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-40.26	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-34.15	PASS
Band12	10MHz	64QAM	23060	1RB#0	Range1:30~1000MHz	-40.26	PASS
Band12	10MHz	64QAM	23060	1RB#0	Range2:1000~10000MHz	-33.84	PASS
Band12	10MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-39.46	PASS
Band12	10MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-34.11	PASS
Band12	10MHz	64QAM	23130	1RB#0	Range1:30~1000MHz	-40.22	PASS
Band12	10MHz	64QAM	23130	1RB#0	Range2:1000~10000MHz	-33.38	PASS

Test Graphs

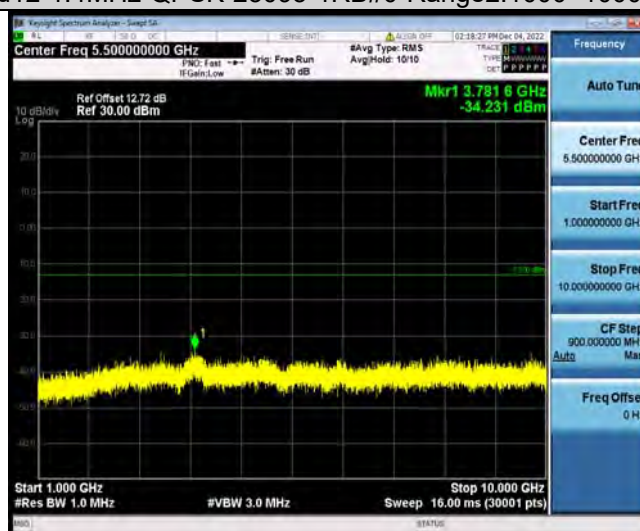




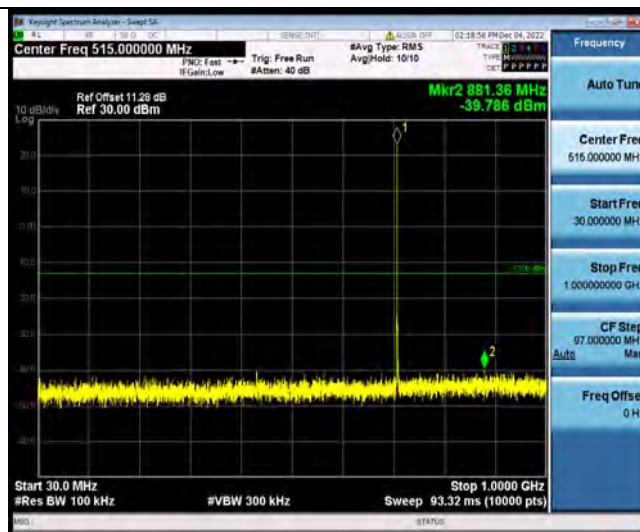
Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



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



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



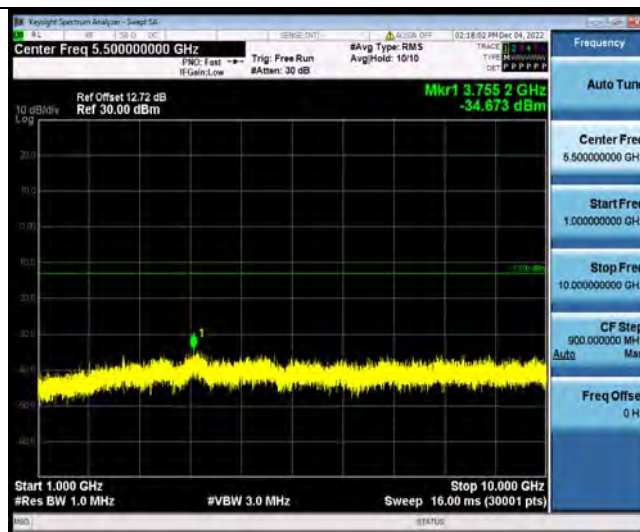
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Band12.1.4MHz-16QAM-23017-1RB#0-Range1:30~1000MHz



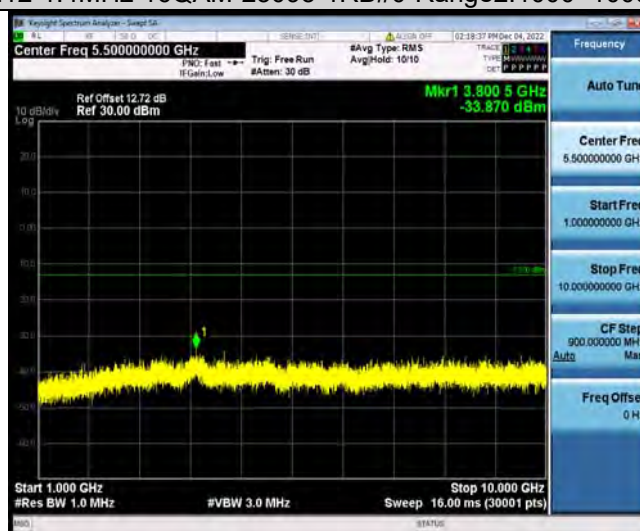
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Band12-1.4MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



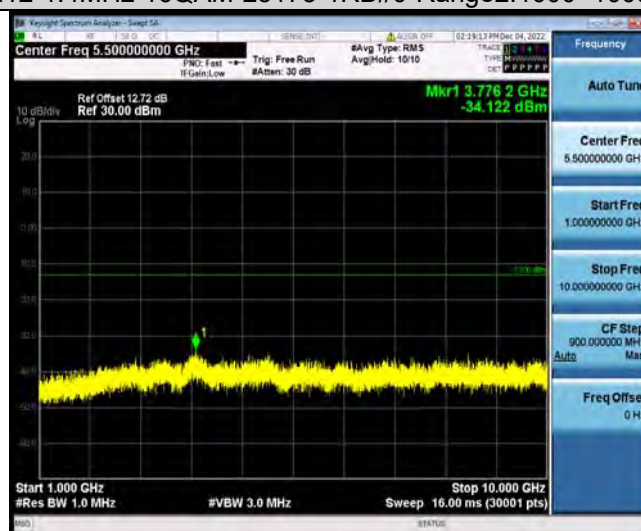
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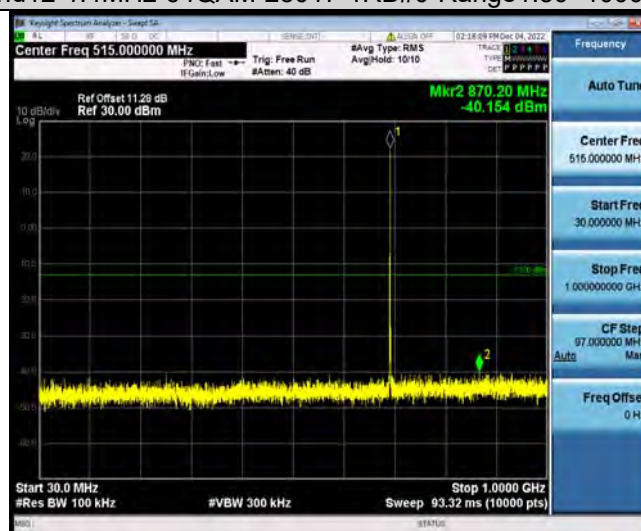
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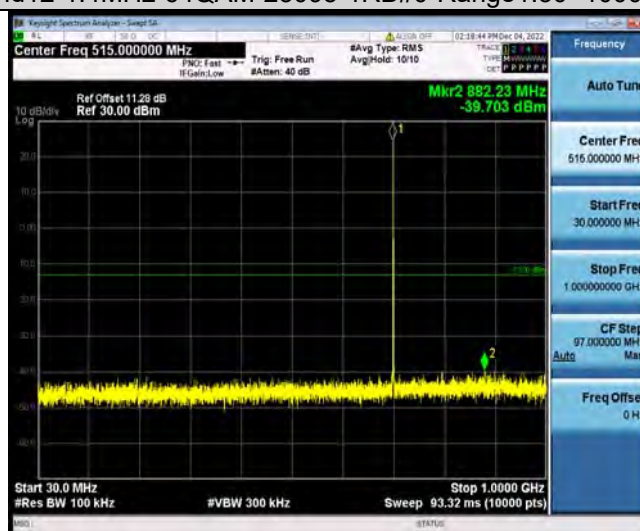
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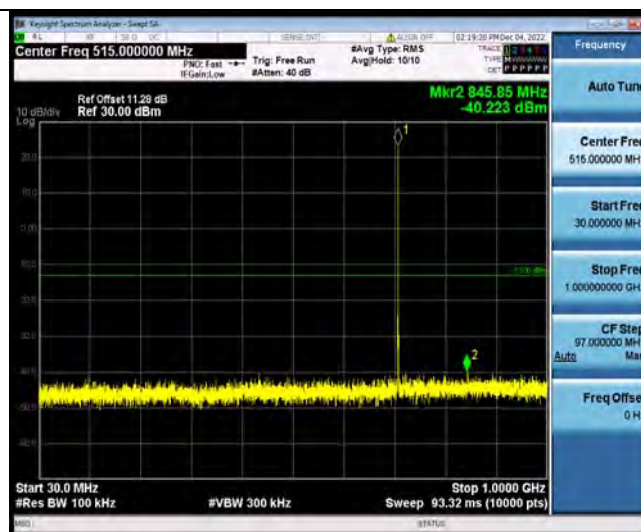
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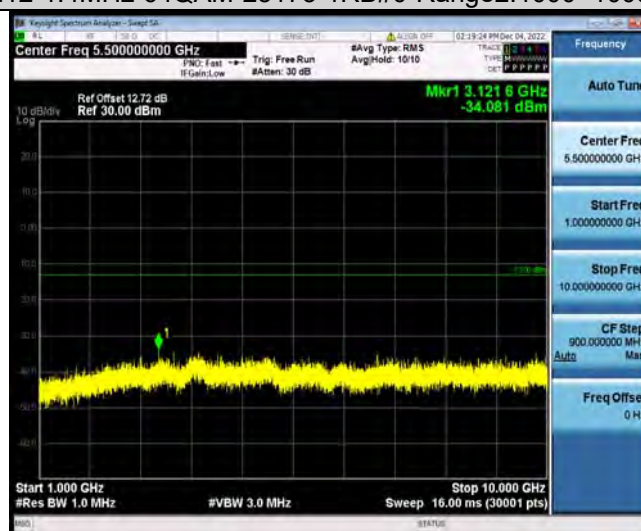
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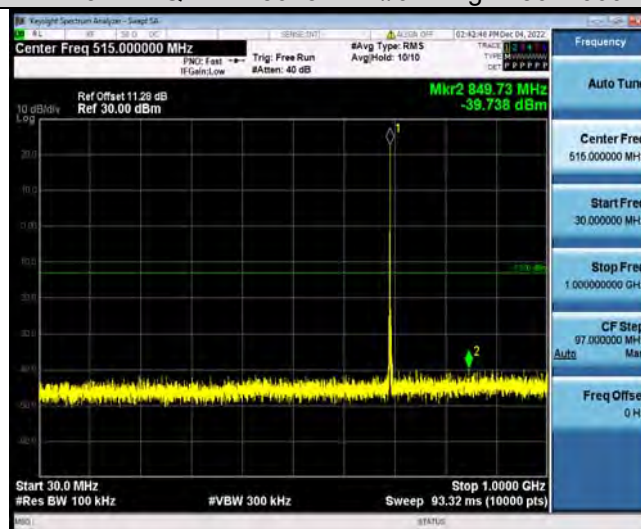
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Band12-1.4MHz-64QAM-23173-1RB#0-Range2:1000~10000MHz



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



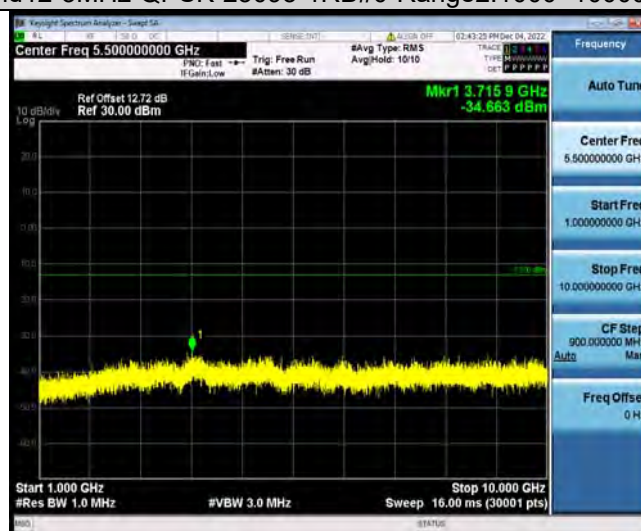
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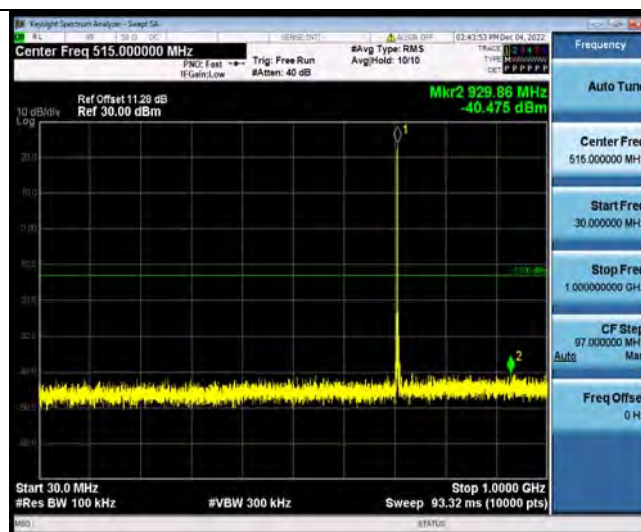
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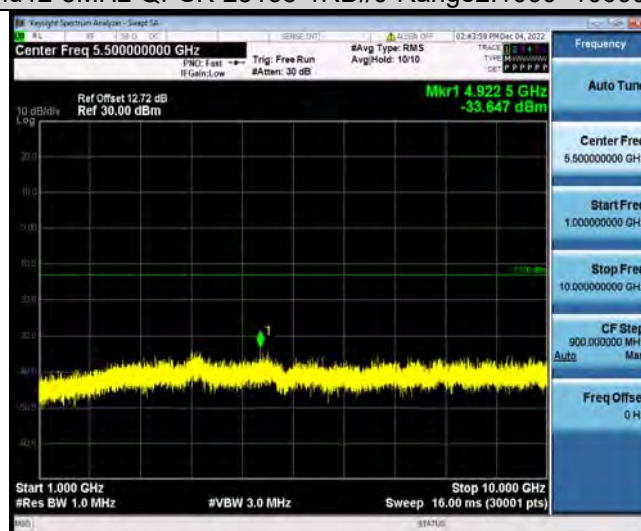
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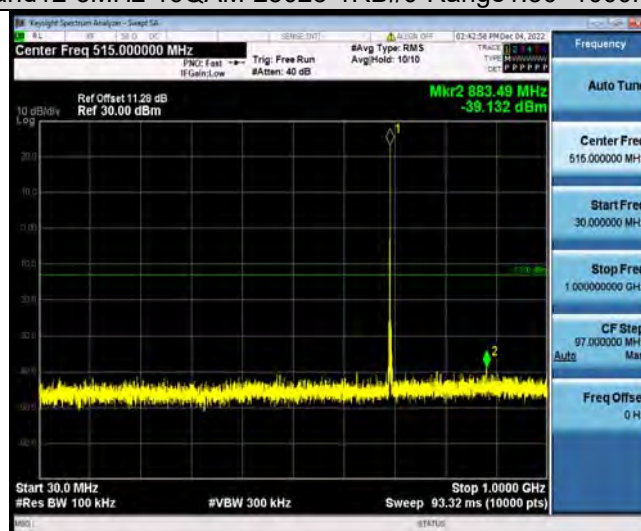
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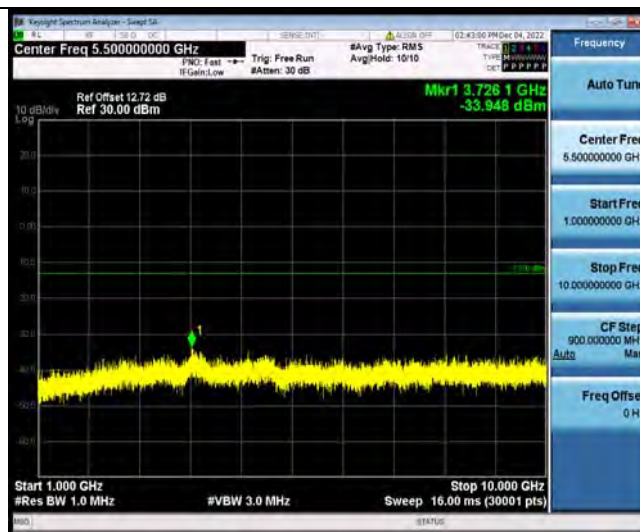
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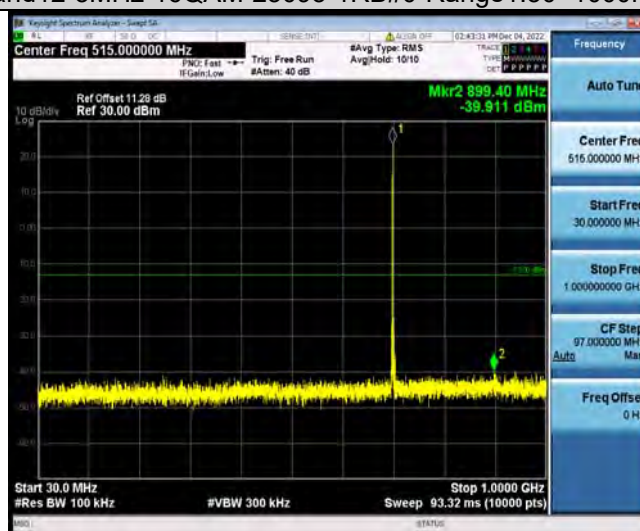
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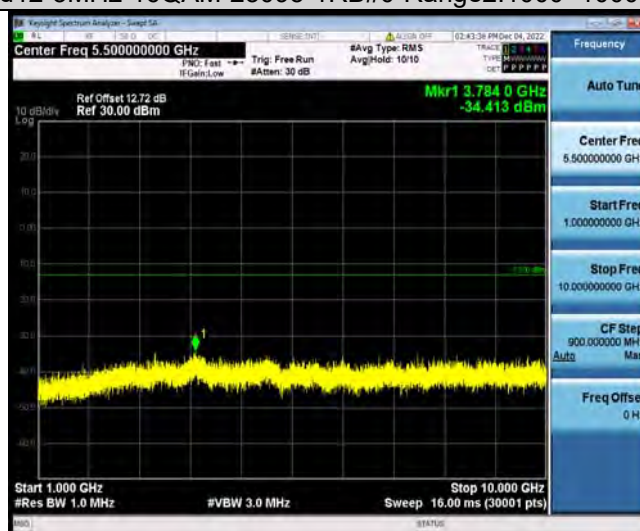
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Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz

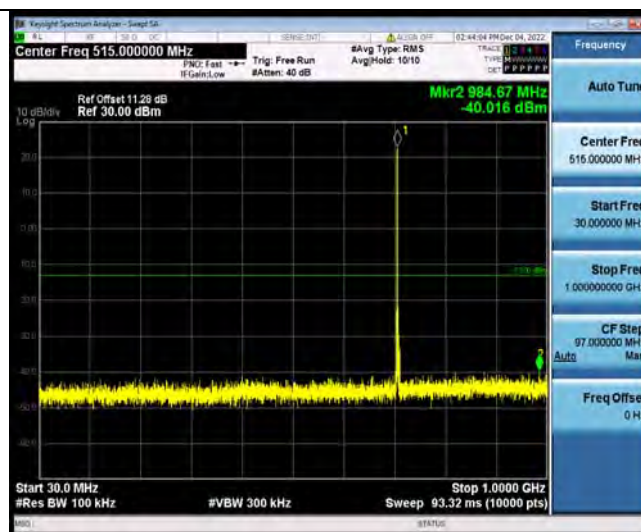


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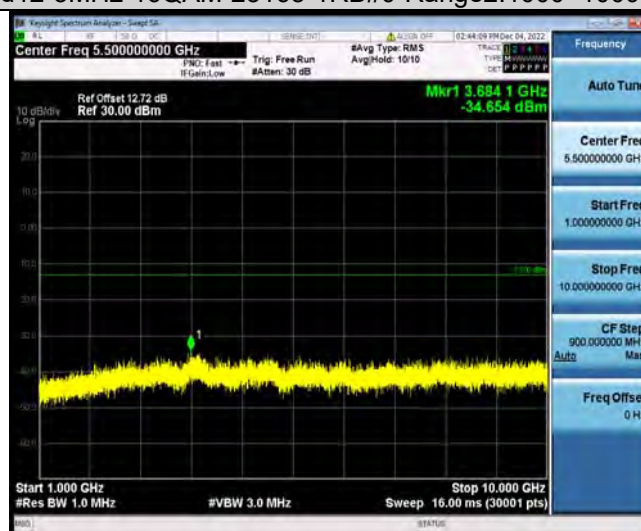


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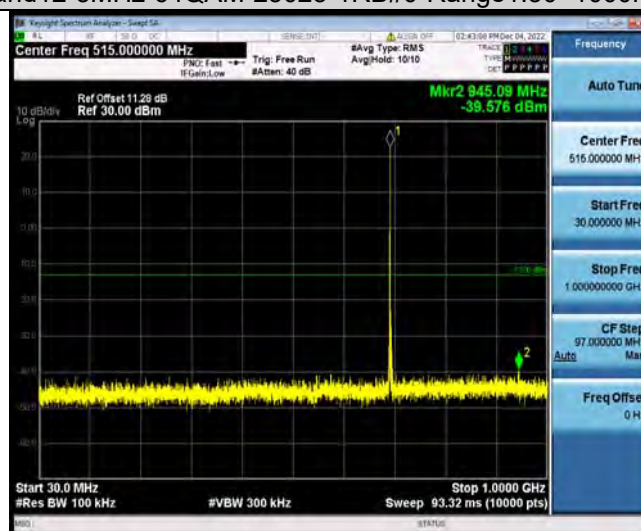
Test Report No.: W7L-P22110037RF06



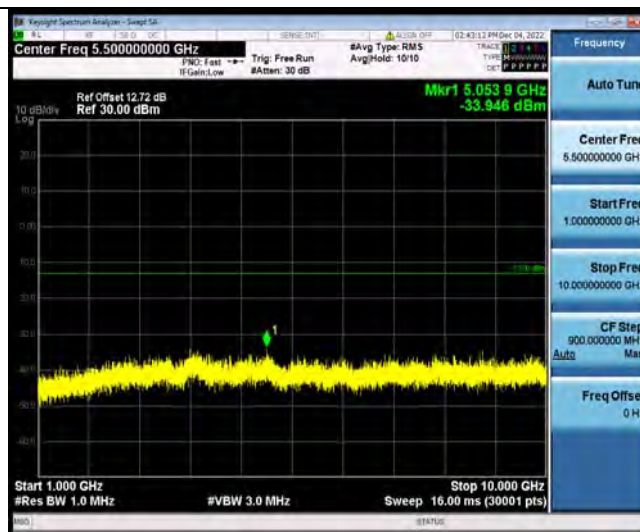
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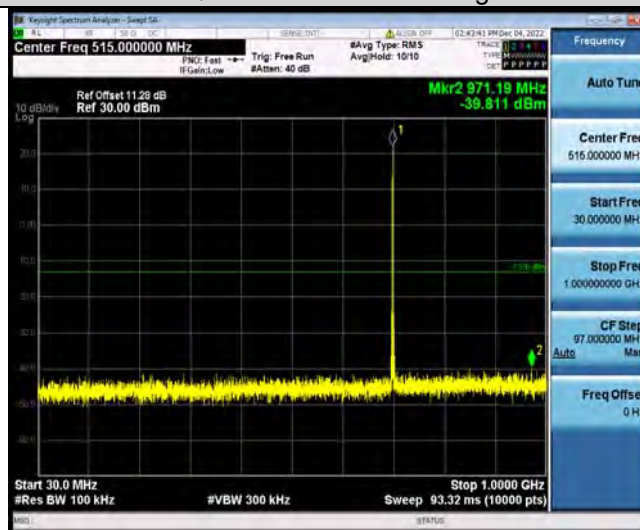
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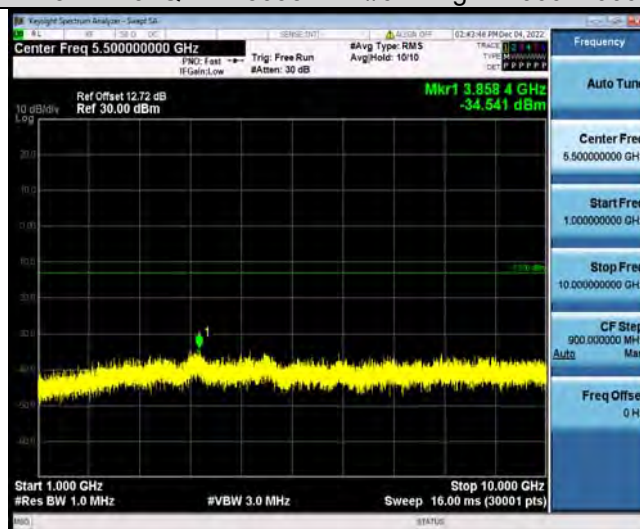
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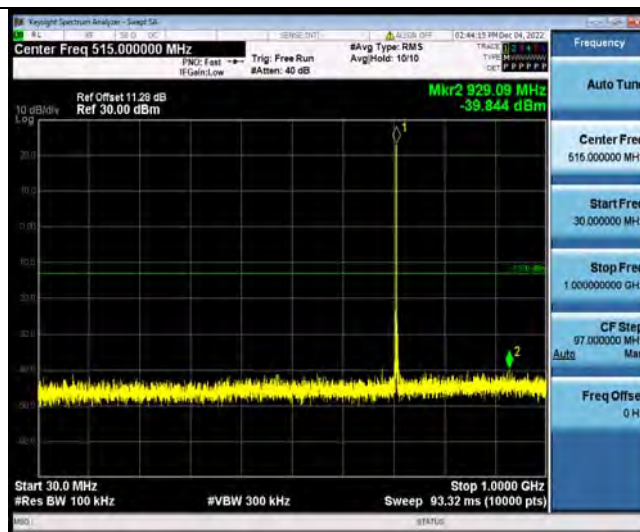
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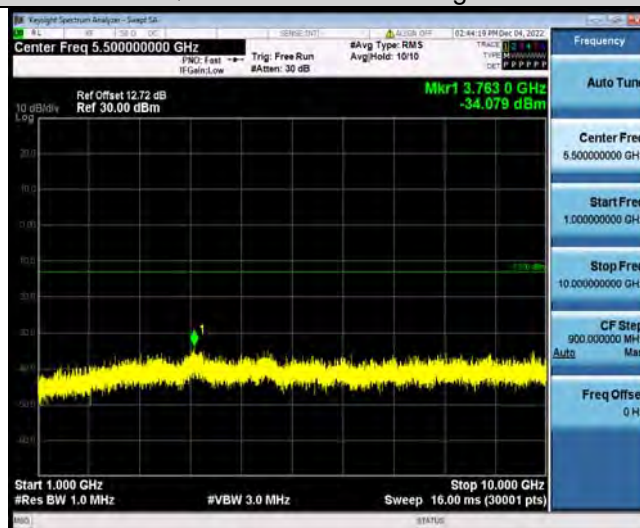
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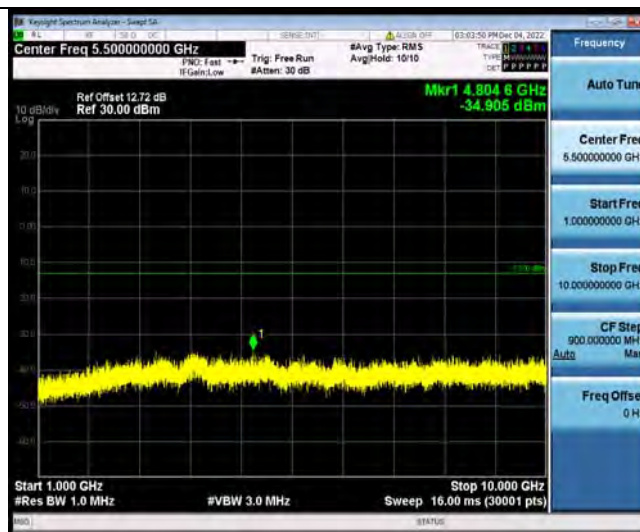
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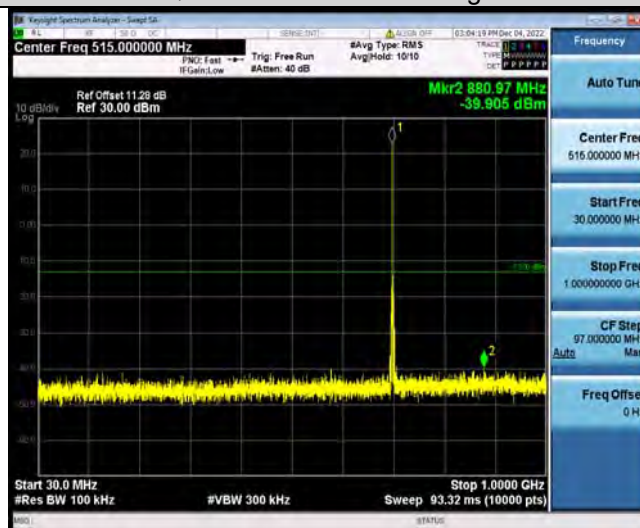
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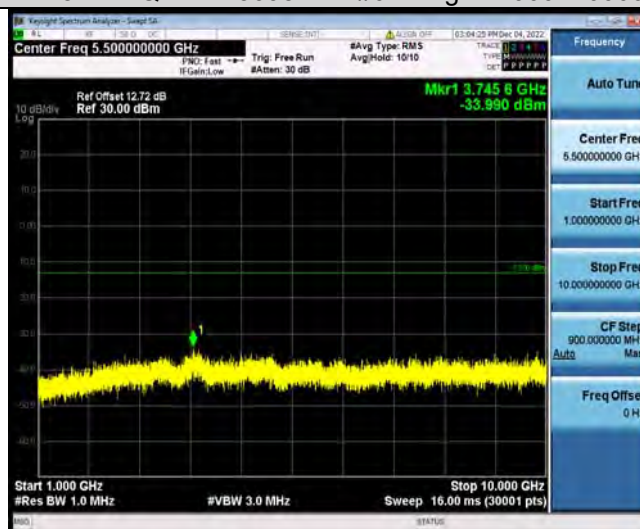
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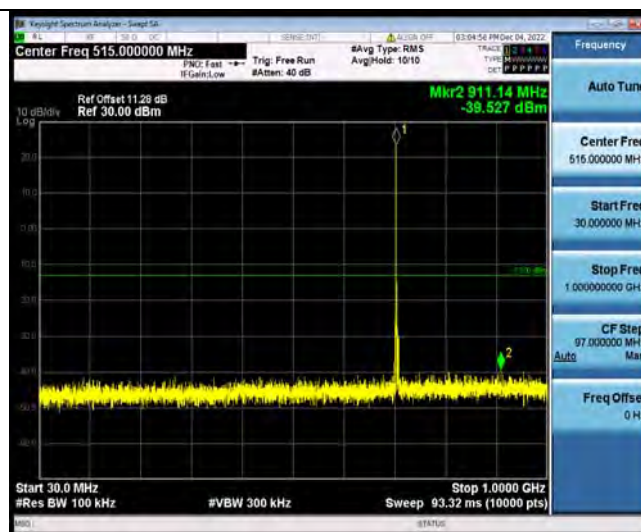
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Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



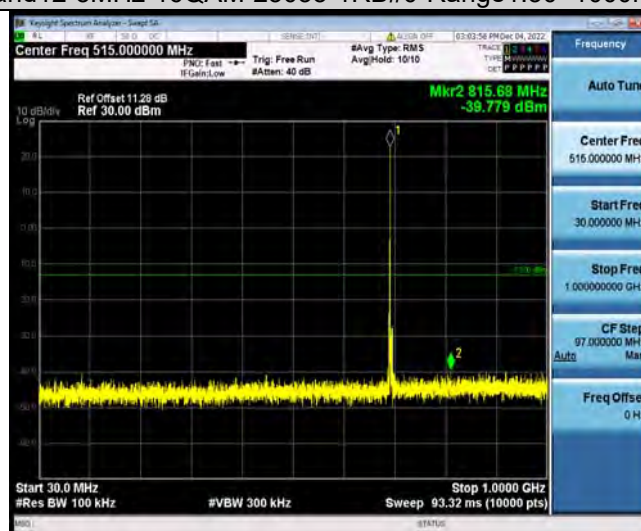
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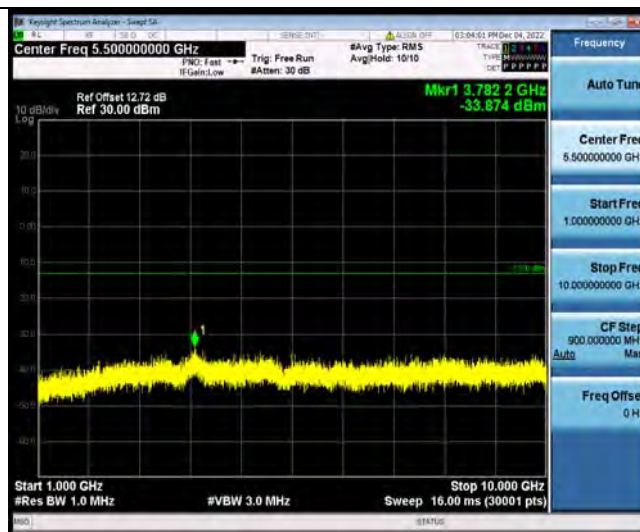
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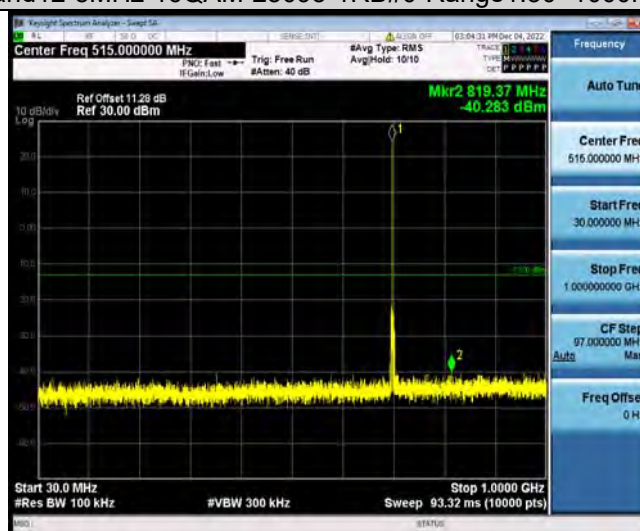
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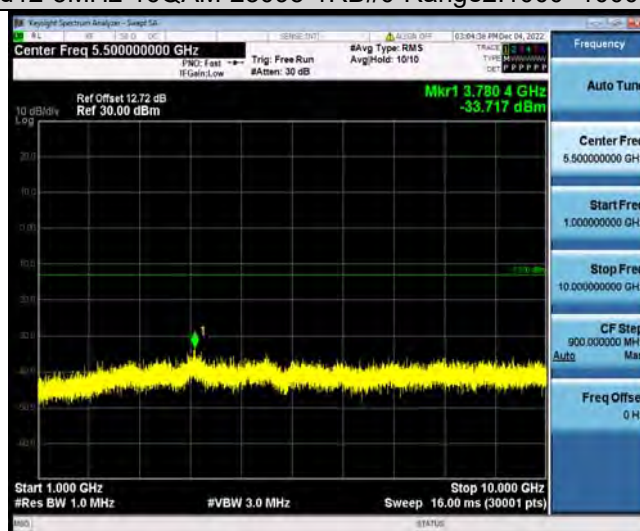
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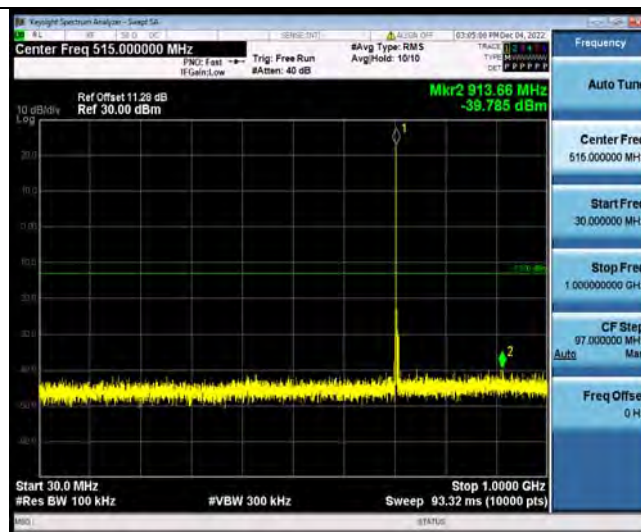
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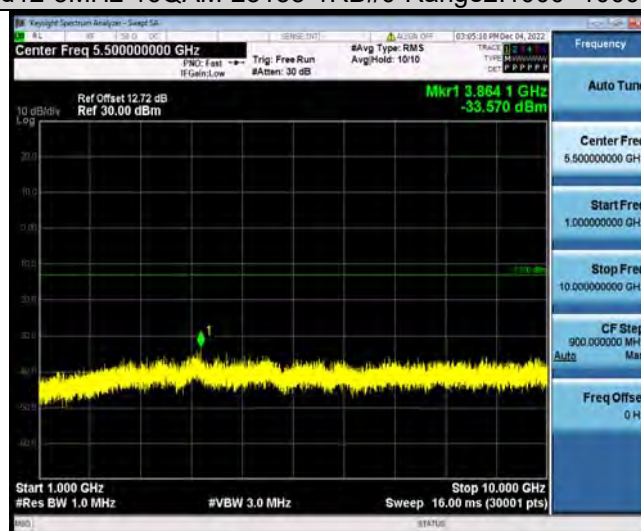
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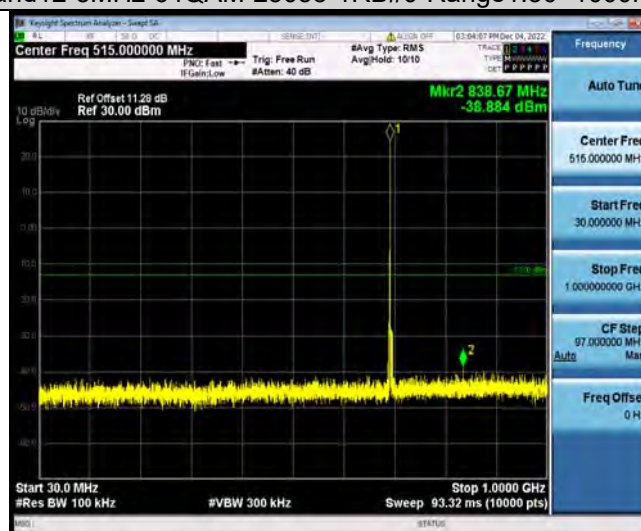
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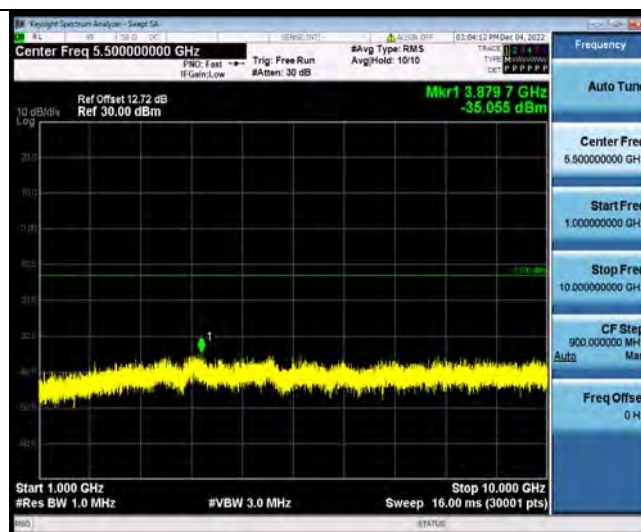
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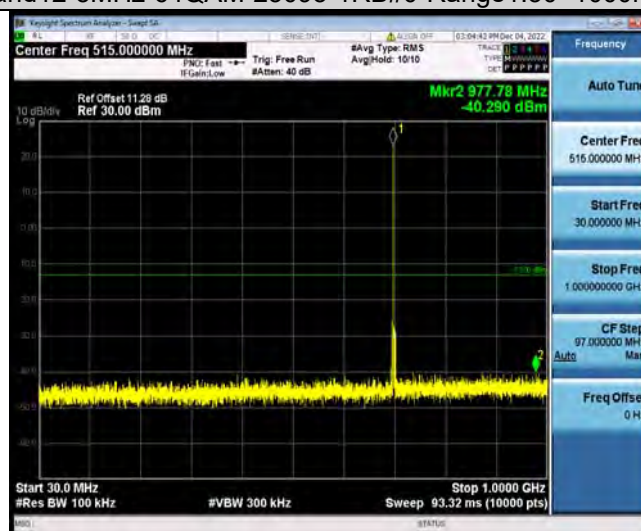
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Band12-5MHz-64QAM-23035-1RB#0-Range2:1000~10000MHz



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



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

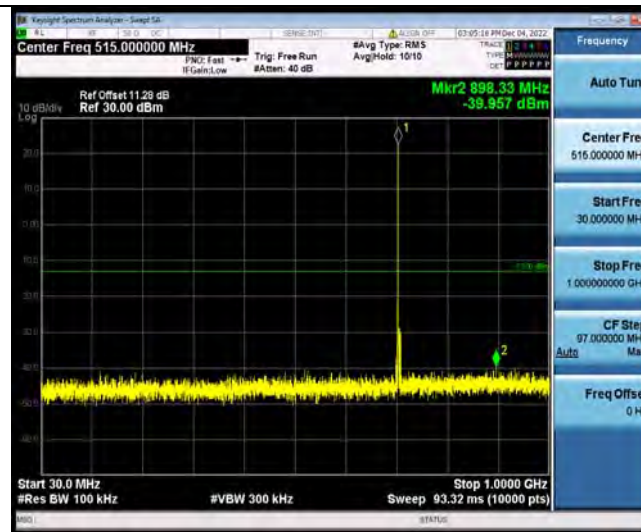


Band12-5MHz-64QAM-23155-1RB#0-Range1:30~1000MHz

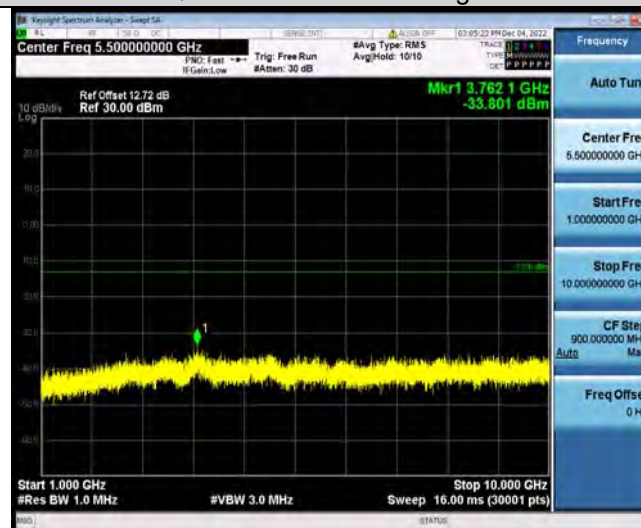


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Band12-5MHz-64QAM-23155-1RB#0-Range2:1000~10000MHz



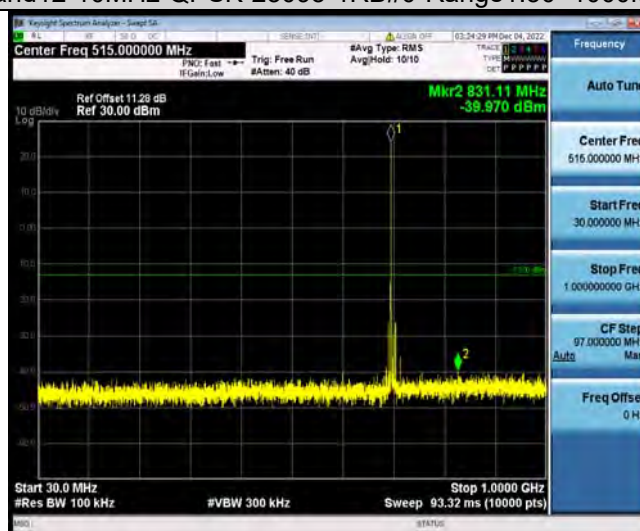
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Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



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



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

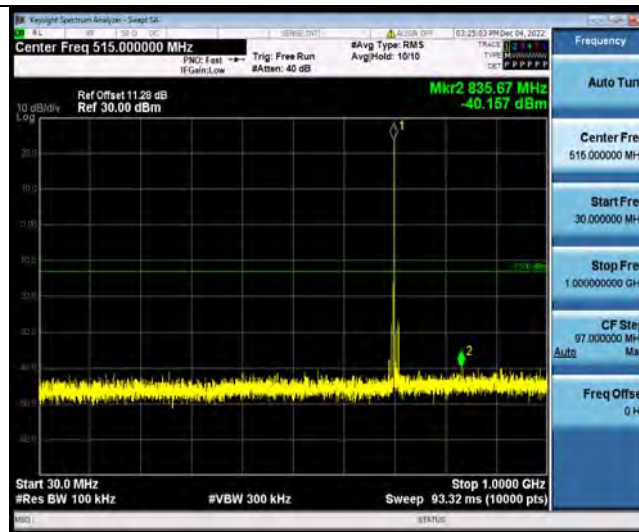


Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



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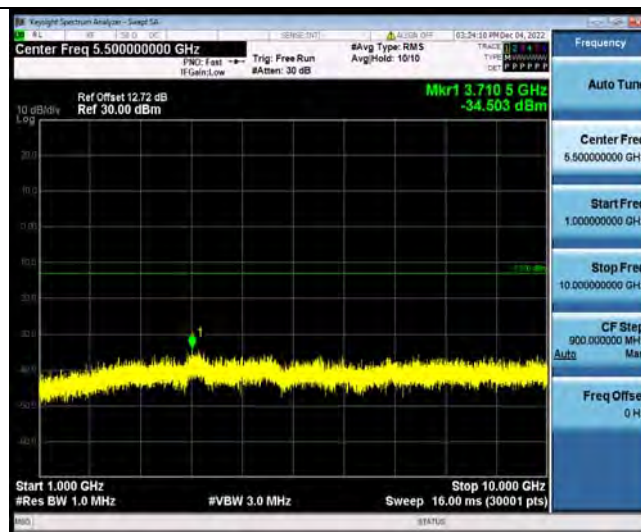
Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



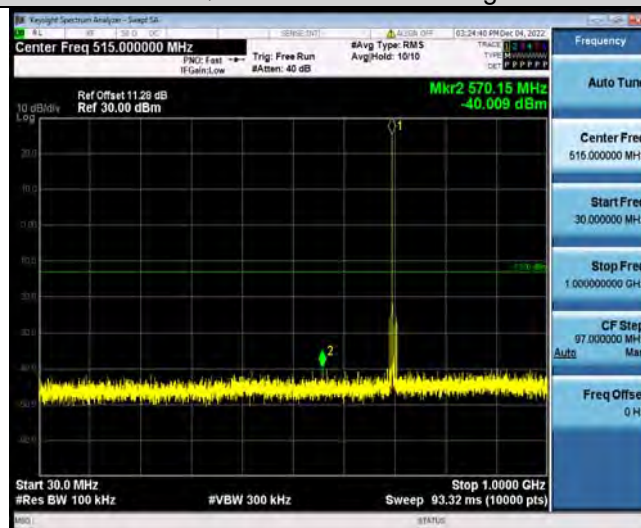
Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



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

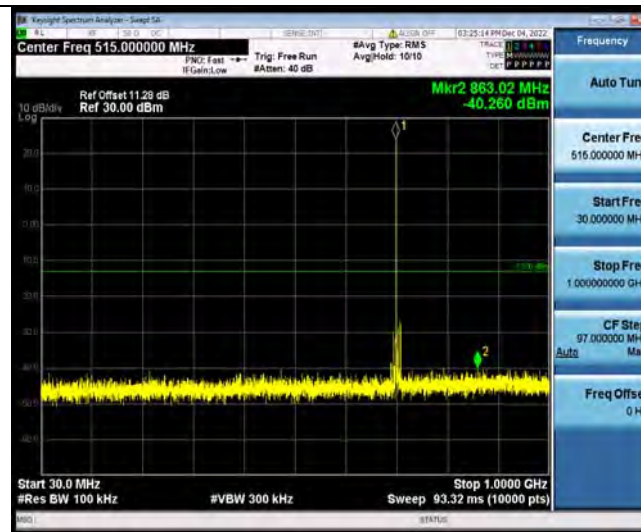


Band12-10MHz-16QAM-23130-1RB#0-Range1:30~1000MHz

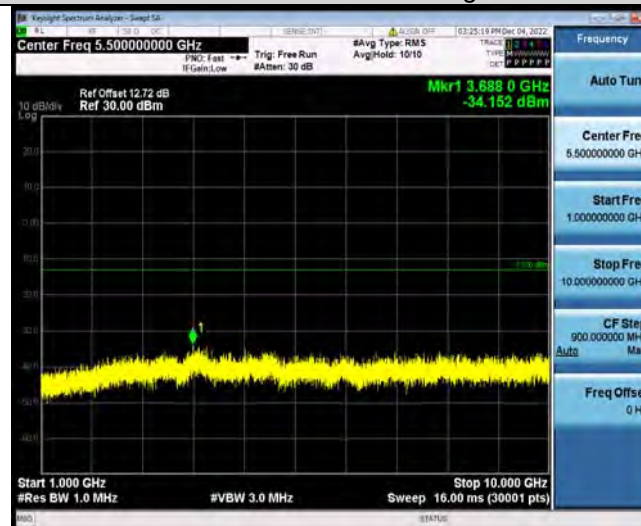


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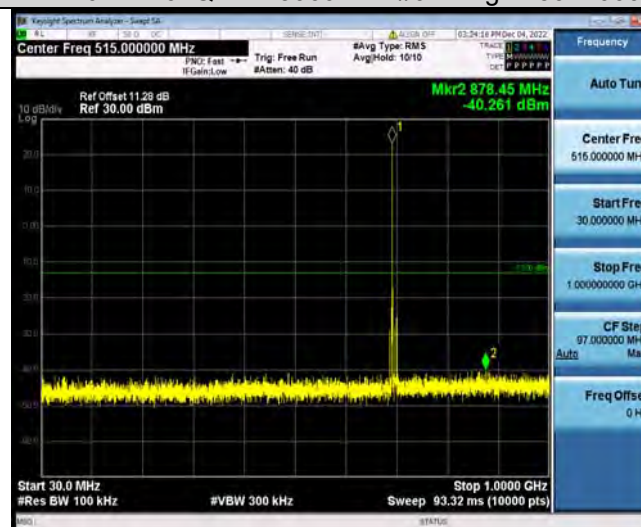
Test Report No.: W7L-P22110037RF06



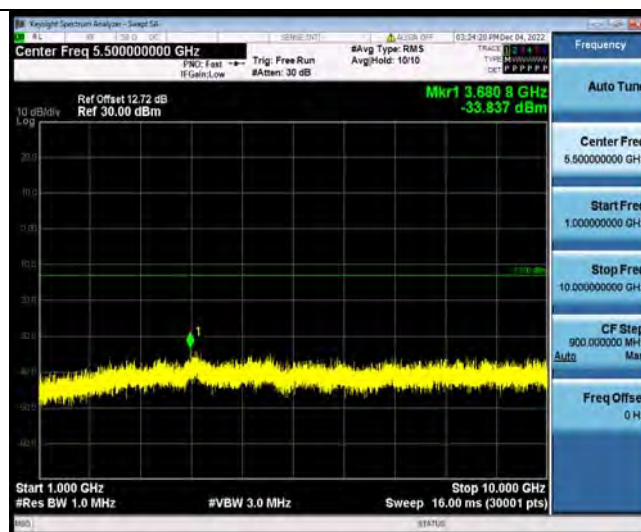
Band12-10MHz-16QAM-23130-1RB#0-Range2:1000~10000MHz



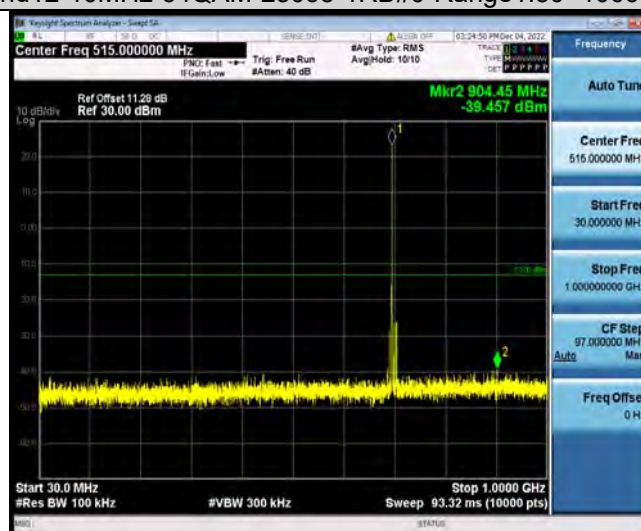
Band12-10MHz-64QAM-23060-1RB#0-Range1:30~1000MHz



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



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



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



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



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Band12-10MHz-64QAM-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	-9.57	-0.013677	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	VN	NT	-11.12	-0.015893	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	VH	NT	-6.67	-0.009533	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	VL	NT	4.05	0.005724	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	VN	NT	16.59	0.023449	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	VH	NT	2.70	0.003816	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	VL	NT	15.81	0.022103	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	VN	NT	4.36	0.006095	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	VH	NT	13.16	0.018398	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	VL	NT	-2.95	-0.004216	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	VN	NT	2.45	0.003502	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	VH	NT	-3.46	-0.004945	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	VL	NT	-3.56	-0.005032	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	VN	NT	-3.83	-0.005413	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	VH	NT	-4.48	-0.006332	±2.5	PASS
Band1_2	1.4MHz	16QAM	23173	6RB#0	VL	NT	-1.62	-0.002265	±2.5	PASS
Band1_2	1.4MHz	16QAM	23173	6RB#0	VN	NT	2.93	0.004096	±2.5	PASS
Band1_2	1.4MHz	16QAM	23173	6RB#0	VH	NT	-2.69	-0.003761	±2.5	PASS
Band1_2	1.4MHz	64QAM	23017	6RB#0	VL	NT	-3.09	-0.004416	±2.5	PASS
Band1_2	1.4MHz	64QAM	23017	6RB#0	VN	NT	-1.34	-0.001915	±2.5	PASS
Band1_2	1.4MHz	64QAM	23017	6RB#0	VH	NT	-2.56	-0.003659	±2.5	PASS



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Band1 2	1.4MHz	64QAM	23095	6RB#0	VL	NT	1.20	0.001696	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	VN	NT	-3.05	-0.004311	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	VH	NT	-1.47	-0.002078	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	VL	NT	-2.96	-0.004138	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	VN	NT	-1.80	-0.002516	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	VH	NT	-3.39	-0.004739	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	VL	NT	2.82	0.004026	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	VN	NT	2.29	0.003269	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	VH	NT	3.62	0.005168	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VL	NT	2.62	0.003703	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VN	NT	1.95	0.002756	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VH	NT	1.70	0.002403	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VL	NT	4.01	0.005612	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VN	NT	1.69	0.002365	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VH	NT	5.15	0.007208	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VL	NT	3.86	0.005510	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VN	NT	3.89	0.005553	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VH	NT	4.75	0.006781	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VL	NT	4.98	0.007039	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VN	NT	3.60	0.005088	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VH	NT	5.66	0.008000	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VL	NT	2.88	0.004031	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VN	NT	2.69	0.003765	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VH	NT	3.56	0.004983	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	VL	NT	-2.73	-0.003897	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	VN	NT	-1.49	-0.002127	±2.5	PASS
Band1	3MHz	64QAM	23025	15RB#0	VH	NT	2.43	0.003469	±2.5	PASS



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2										
Band1 2	3MHz	64QAM	23095	15RB#0	VL	NT	5.26	0.007435	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	VN	NT	2.10	0.002968	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	VH	NT	3.08	0.004353	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	VL	NT	2.22	0.003107	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	VN	NT	3.81	0.005332	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	VH	NT	1.95	0.002729	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VL	NT	2.15	0.003065	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VN	NT	-1.87	-0.002666	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VH	NT	-1.99	-0.002837	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VL	NT	3.06	0.004325	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VN	NT	5.41	0.007647	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VH	NT	1.96	0.002770	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VL	NT	2.03	0.002845	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VN	NT	4.06	0.005690	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VH	NT	2.33	0.003266	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VL	NT	4.29	0.006115	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VN	NT	4.22	0.006016	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VH	NT	2.65	0.003778	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VL	NT	5.71	0.008071	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VN	NT	1.75	0.002473	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VH	NT	2.85	0.004028	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VL	NT	-2.26	-0.003167	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VN	NT	2.75	0.003854	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VH	NT	3.19	0.004471	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	VL	NT	5.21	0.007427	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	VN	NT	6.84	0.009751	±2.5	PASS



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Band1 2	5MHz	64QAM	23035	25RB#0	VH	NT	2.49	0.003550	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	VL	NT	3.19	0.004509	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	VN	NT	2.22	0.003138	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	VH	NT	4.16	0.005880	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	VL	NT	2.73	0.003826	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	VN	NT	2.85	0.003994	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	VH	NT	-1.54	-0.002158	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VL	NT	3.15	0.004474	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VN	NT	-1.52	-0.002159	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VH	NT	4.51	0.006406	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VL	NT	-2.16	-0.003053	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VN	NT	2.95	0.004170	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VH	NT	-2.86	-0.004042	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VL	NT	-3.50	-0.004923	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VN	NT	-3.98	-0.005598	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VH	NT	-0.83	-0.001167	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VL	NT	-2.75	-0.003906	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VN	NT	1.70	0.002415	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VH	NT	1.67	0.002372	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VL	NT	2.56	0.003618	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VN	NT	2.19	0.003095	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VH	NT	-1.49	-0.002106	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VL	NT	-3.52	-0.004951	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VN	NT	-3.43	-0.004824	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VH	NT	-3.28	-0.004613	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	VL	NT	3.69	0.005241	±2.5	PASS
Band1	10MHz	64QAM	23060	50RB#0	VN	NT	3.79	0.005384	±2.5	PASS



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2										
Band1 2	10MHz	64QAM	23060	50RB#0	VH	NT	-2.43	-0.003452	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	VL	NT	-2.20	-0.003110	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	VN	NT	-2.69	-0.003802	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	VH	NT	-3.00	-0.004240	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	VL	NT	-4.02	-0.005654	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	VN	NT	-2.95	-0.004149	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	VH	NT	-4.19	-0.005893	±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	-5.14	-0.007346	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	-20	-3.76	-0.005374	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	0	-6.38	-0.009118	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	10	-3.10	-0.004430	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	20	-5.09	-0.007275	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	30	1.97	0.002815	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	40	1.92	0.002744	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	50	-5.62	-0.008032	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	-30	-1.96	-0.002770	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	-20	-3.63	-0.005131	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	0	-3.49	-0.004933	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	10	-3.16	-0.004466	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	20	-5.35	-0.007562	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	30	-4.23	-0.005979	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	40	-5.04	-0.007124	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	50	-6.75	-0.009541	±2.5	PASS
Band1	1.4MHz	QPSK	23173	6RB#0	NV	-30	3.98	0.005564	±2.5	PASS



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2										
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	-20	-2.55	-0.003565	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	0	-2.99	-0.004180	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	10	-2.23	-0.003118	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	20	1.99	0.002782	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	30	-1.93	-0.002698	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	40	-1.02	-0.001426	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	50	2.25	0.003146	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	-30	-3.25	-0.004645	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	-20	-4.63	-0.006617	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	0	-3.73	-0.005331	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	10	-2.65	-0.003787	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	20	-4.46	-0.006374	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	30	-3.95	-0.005645	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	40	-2.82	-0.004030	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	50	-3.49	-0.004988	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-30	-4.52	-0.006389	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-20	-4.49	-0.006346	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	0	-4.55	-0.006431	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	10	-6.41	-0.009060	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	20	-3.96	-0.005597	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	30	-2.17	-0.003067	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	40	-2.52	-0.003562	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	50	-2.92	-0.004127	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-30	-2.23	-0.003118	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-20	-2.66	-0.003719	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	0	-2.80	-0.003914	±2.5	PASS



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Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	10	-2.43	-0.003397	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	20	-4.36	-0.006095	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	30	-3.56	-0.004977	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	40	-4.08	-0.005704	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	50	-3.18	-0.004446	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	-30	-4.18	-0.005974	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	-20	-3.40	-0.004859	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	0	-3.10	-0.004430	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	10	-1.82	-0.002601	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	20	-2.76	-0.003945	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	30	-4.32	-0.006174	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	40	-2.29	-0.003273	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	50	-1.10	-0.001572	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	-30	1.76	0.002488	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	-20	-4.01	-0.005668	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	0	-5.01	-0.007081	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	10	-4.85	-0.006855	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	20	-4.03	-0.005696	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	30	-3.46	-0.004890	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	40	-4.26	-0.006021	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	50	-2.16	-0.003053	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	-30	3.25	0.004544	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	-20	-2.99	-0.004180	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	0	-1.66	-0.002321	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	10	-4.31	-0.006025	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	20	2.00	0.002796	±2.5	PASS
Band1	1.4MHz	64QAM	23173	6RB#0	NV	30	2.63	0.003677	±2.5	PASS



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2										
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	40	-1.04	-0.001454	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	50	2.30	0.003215	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-30	-2.53	-0.003612	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-20	1.93	0.002755	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	0	-2.45	-0.003498	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	10	-1.66	-0.002370	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	20	-1.50	-0.002141	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	30	-1.43	-0.002041	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	40	-1.63	-0.002327	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	50	0.92	0.001313	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-30	2.33	0.003293	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-20	4.09	0.005781	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	0	3.86	0.005456	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	10	2.36	0.003336	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	20	2.85	0.004028	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	30	2.07	0.002926	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	40	2.99	0.004226	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	50	5.25	0.007420	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-30	5.91	0.008272	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-20	5.39	0.007544	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	0	3.25	0.004549	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	10	1.75	0.002449	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	20	1.77	0.002477	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	30	2.37	0.003317	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	40	3.73	0.005220	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	50	5.12	0.007166	±2.5	PASS



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Band1 2	3MHz	16QAM	23025	15RB#0	NV	-30	3.08	0.004397	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-20	4.02	0.005739	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	0	3.49	0.004982	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	10	2.27	0.003241	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	20	-2.15	-0.003069	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	30	-2.72	-0.003883	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	40	2.16	0.003084	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	50	-1.43	-0.002041	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-30	5.35	0.007562	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-20	5.15	0.007279	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	0	3.08	0.004353	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	10	1.24	0.001753	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	20	-2.29	-0.003237	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	30	4.62	0.006530	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	40	-2.47	-0.003491	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	50	2.33	0.003293	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-30	3.22	0.004507	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-20	1.89	0.002645	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	0	2.15	0.003009	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	10	3.43	0.004801	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	20	4.82	0.006746	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	30	2.45	0.003429	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	40	3.18	0.004451	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	50	4.05	0.005668	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	-30	4.26	0.006081	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	-20	2.72	0.003883	±2.5	PASS
Band1	3MHz	64QAM	23025	15RB#0	NV	0	3.89	0.005553	±2.5	PASS



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2										
Band1 2	3MHz	64QAM	23025	15RB#0	NV	10	1.95	0.002784	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	20	3.18	0.004540	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	30	4.28	0.006110	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	40	5.04	0.007195	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	50	2.02	0.002884	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	-30	3.56	0.005032	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	-20	1.63	0.002304	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	0	5.34	0.007548	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	10	2.95	0.004170	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	20	4.95	0.006996	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	30	3.69	0.005216	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	40	1.44	0.002035	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	50	1.72	0.002431	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	-30	4.53	0.006340	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	-20	5.05	0.007068	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	0	2.03	0.002841	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	10	2.93	0.004101	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	20	4.75	0.006648	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	30	4.92	0.006886	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	40	6.24	0.008733	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	50	6.78	0.009489	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-30	1.89	0.002694	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-20	2.52	0.003592	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	0	3.63	0.005175	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	10	5.84	0.008325	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	20	5.62	0.008011	±2.5	PASS



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Band1 2	5MHz	QPSK	23035	25RB#0	NV	30	4.53	0.006458	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	40	4.65	0.006629	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	50	4.05	0.005773	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-30	3.89	0.005498	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	-20	3.72	0.005258	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	0	4.91	0.006940	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	10	2.85	0.004028	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	20	2.00	0.002827	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	NV	30	3.75	0.005300	±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	1.69	0.002389	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-30	3.55	0.004975	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	-20	3.85	0.005396	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	0	4.85	0.006797	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	10	5.34	0.007484	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	20	3.23	0.004527	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	30	-1.66	-0.002327	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	40	-2.66	-0.003728	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	NV	50	2.47	0.003462	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-30	3.13	0.004462	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	-20	3.02	0.004305	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	0	3.46	0.004932	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	10	-1.89	-0.002694	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	20	-2.26	-0.003222	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	30	3.25	0.004633	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	NV	40	4.01	0.005716	±2.5	PASS
Band1	5MHz	16QAM	23035	25RB#0	NV	50	5.04	0.007185	±2.5	PASS



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2										
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-30	3.92	0.005541	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	-20	2.20	0.003110	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	0	-2.23	-0.003152	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	10	-2.27	-0.003208	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	20	-1.19	-0.001682	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	30	-1.57	-0.002219	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	40	-2.69	-0.003802	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	NV	50	1.06	0.001498	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-30	3.96	0.005550	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	-20	4.96	0.006952	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	0	4.88	0.006840	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	10	6.45	0.009040	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	20	3.79	0.005312	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	30	1.77	0.002481	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	40	-3.38	-0.004737	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	NV	50	1.42	0.001990	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	-30	4.96	0.007071	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	-20	1.44	0.002053	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	0	-1.50	-0.002138	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	10	3.36	0.004790	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	20	2.83	0.004034	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	30	3.49	0.004975	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	40	4.38	0.006244	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	NV	50	3.50	0.004989	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	NV	-30	5.98	0.008452	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	NV	-20	3.99	0.005640	±2.5	PASS



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Band1 2	5MHz	64QAM	23095	25RB#0	NV	0	1.60	0.002261	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	NV	10	1.96	0.002770	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	NV	20	1.82	0.002572	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	NV	30	-2.50	-0.003534	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	NV	40	4.19	0.005922	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	NV	50	-1.96	-0.002770	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	-30	-3.30	-0.004625	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	-20	-1.73	-0.002425	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	0	3.28	0.004597	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	10	3.42	0.004793	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	20	4.66	0.006531	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	30	5.38	0.007540	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	40	5.74	0.008045	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	NV	50	5.66	0.007933	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-30	3.81	0.005412	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-20	4.19	0.005952	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	0	4.21	0.005980	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	10	3.68	0.005227	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	20	3.20	0.004545	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	30	3.36	0.004773	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	40	-2.47	-0.003509	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	50	1.89	0.002685	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-30	-2.60	-0.003675	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-20	-2.63	-0.003717	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	0	2.78	0.003929	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	10	3.13	0.004424	±2.5	PASS
Band1	10MHz	QPSK	23095	50RB#0	NV	20	3.71	0.005244	±2.5	PASS



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2										
Band1 2	10MHz	QPSK	23095	50RB#0	NV	30	2.15	0.003039	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	40	5.02	0.007095	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	50	1.59	0.002247	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-30	1.80	0.002532	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-20	-2.33	-0.003277	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	0	-2.12	-0.002982	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	10	-3.83	-0.005387	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	20	2.09	0.002940	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	30	-2.53	-0.003558	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	40	-4.26	-0.005992	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	50	-3.50	-0.004923	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-30	1.97	0.002798	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-20	3.25	0.004616	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	0	2.59	0.003679	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	10	-2.30	-0.003267	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	20	1.06	0.001506	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	30	-1.56	-0.002216	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	40	-1.75	-0.002486	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	50	2.45	0.003480	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-30	-3.45	-0.004876	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-20	2.39	0.003378	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	0	2.49	0.003519	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	10	3.29	0.004650	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	20	-2.15	-0.003039	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	30	-3.06	-0.004325	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	40	-2.63	-0.003717	±2.5	PASS



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Band1 2	10MHz	16QAM	23095	50RB#0	NV	50	1.95	0.002756	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-30	-3.18	-0.004473	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-20	-0.80	-0.001125	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	0	1.73	0.002433	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	10	1.90	0.002672	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	20	-1.59	-0.002236	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	30	-3.25	-0.004571	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	40	-4.76	-0.006695	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	50	-3.65	-0.005134	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	NV	-30	-2.23	-0.003168	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	NV	-20	3.05	0.004332	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	NV	0	1.82	0.002585	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	NV	10	-2.53	-0.003594	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	NV	20	-1.16	-0.001648	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	NV	30	3.62	0.005142	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	NV	40	1.82	0.002585	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	NV	50	2.50	0.003551	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	-30	-2.05	-0.002898	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	-20	2.82	0.003986	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	0	-1.75	-0.002473	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	10	2.27	0.003208	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	20	5.01	0.007081	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	30	3.19	0.004509	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	40	4.29	0.006064	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	NV	50	4.72	0.006671	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	NV	-30	-3.16	-0.004444	±2.5	PASS
Band1	10MHz	64QAM	23130	50RB#0	NV	-20	2.22	0.003122	±2.5	PASS



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2										
Band1 2	10MHz	64QAM	23130	50RB#0	NV	0	-2.47	-0.003474	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	NV	10	-1.83	-0.002574	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	NV	20	-1.59	-0.002236	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	NV	30	1.62	0.002278	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	NV	40	-2.06	-0.002897	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	NV	50	-3.13	-0.004402	±2.5	PASS

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	5.77	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	5.68	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	5.94	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.62	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	5.48	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.54	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	6.19	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	6.37	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	6.13	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	6.34	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	6.21	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	6.37	13	PASS
Band13	5MHz	64QAM	23205	1RB#0	6.29	13	PASS
Band13	5MHz	64QAM	23205	25RB#0	6.57	13	PASS
Band13	5MHz	64QAM	23230	1RB#0	6.38	13	PASS
Band13	5MHz	64QAM	23230	25RB#0	6.54	13	PASS
Band13	5MHz	64QAM	23255	1RB#0	6.75	13	PASS
Band13	5MHz	64QAM	23255	25RB#0	6.52	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	5.48	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.44	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	6.74	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	6.23	13	PASS
Band13	10MHz	64QAM	23230	1RB#0	6.19	13	PASS
Band13	10MHz	64QAM	23230	50RB#0	6.44	13	PASS

Test Graphs

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



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



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



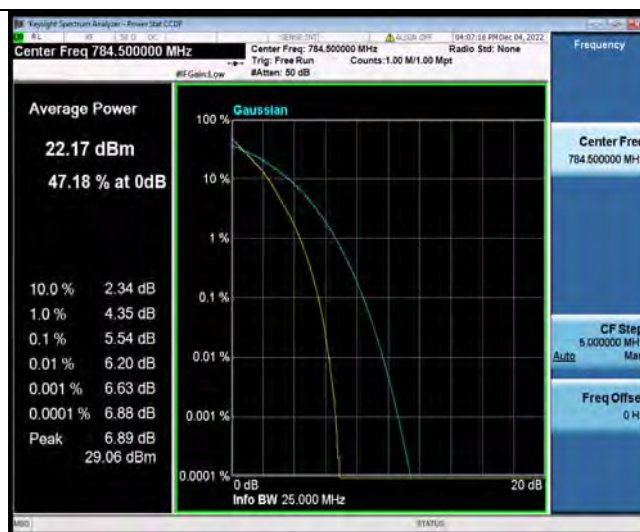
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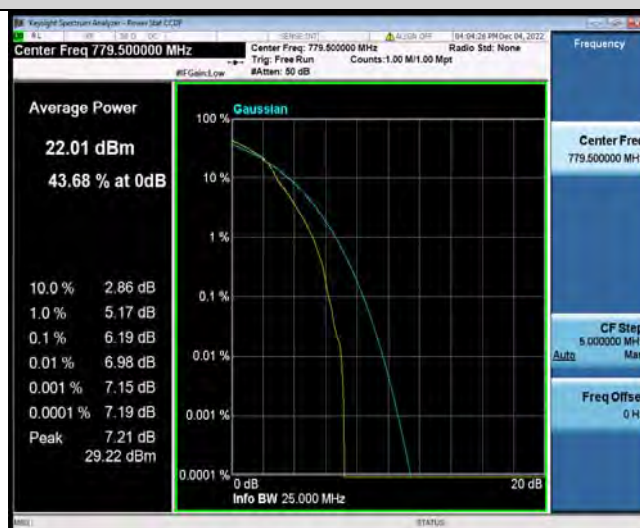
Band13-5MHz-QPSK-23255-1RB#0



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



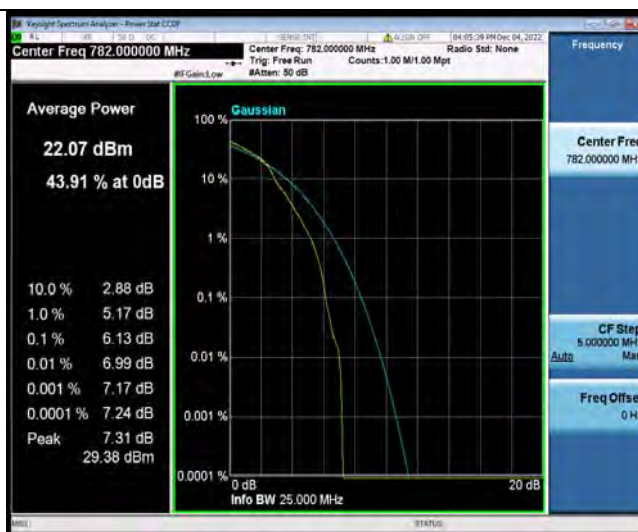
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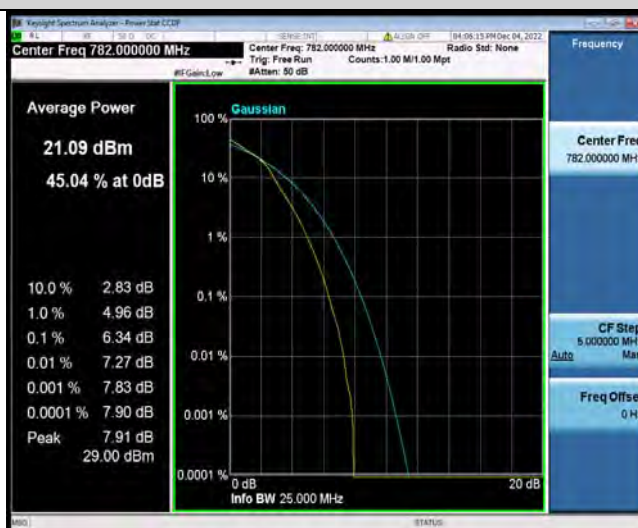
Band13-5MHz-16QAM-23205-25RB#0



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



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



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

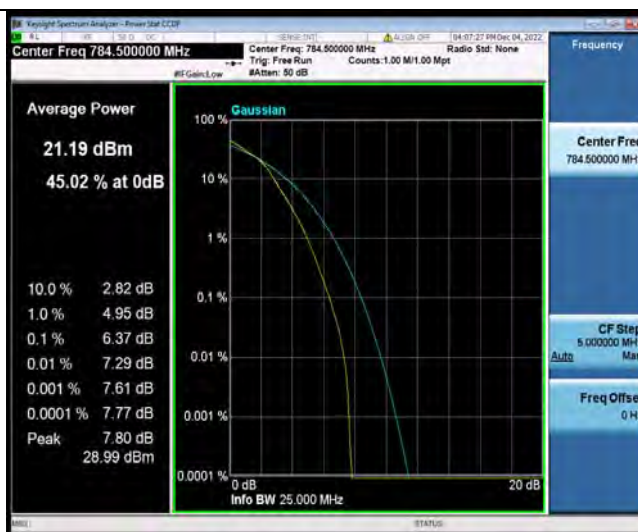


Band13-5MHz-16QAM-23255-25RB#0

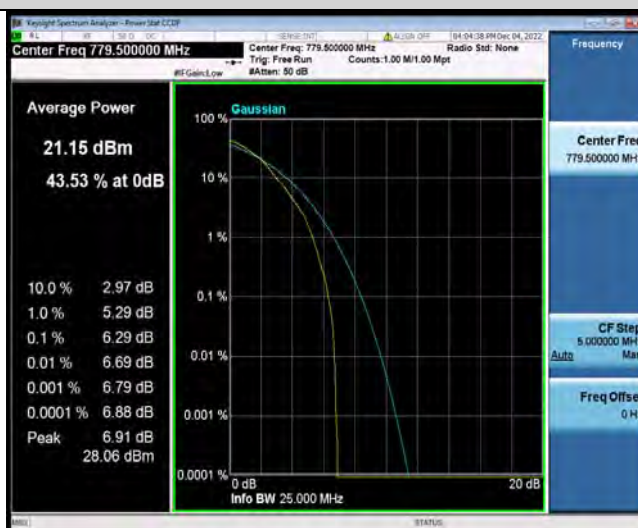


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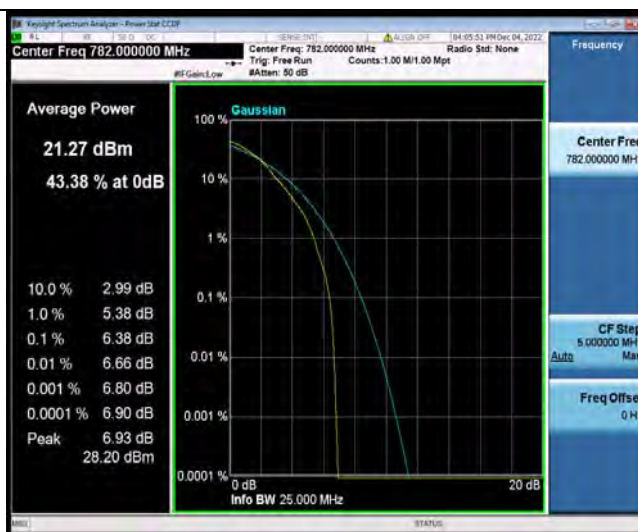
Band13-5MHz-64QAM-23205-1RB#0



Band13-5MHz-64QAM-23205-25RB#0



Band13-5MHz-64QAM-23230-1RB#0



Band13-5MHz-64QAM-23230-25RB#0



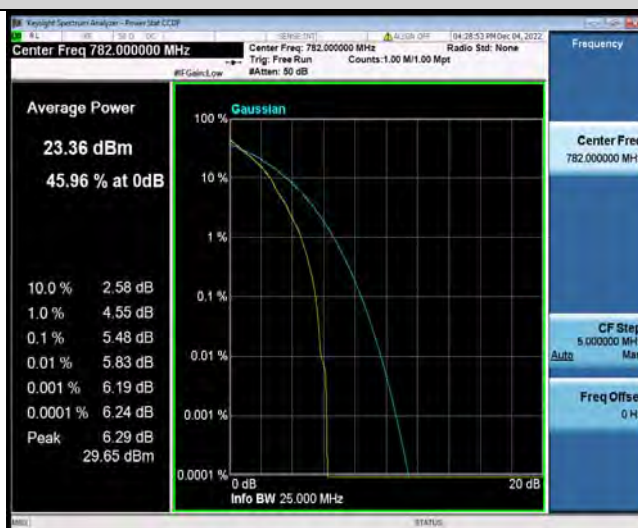
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Band13-5MHz-64QAM-23255-25RB#0



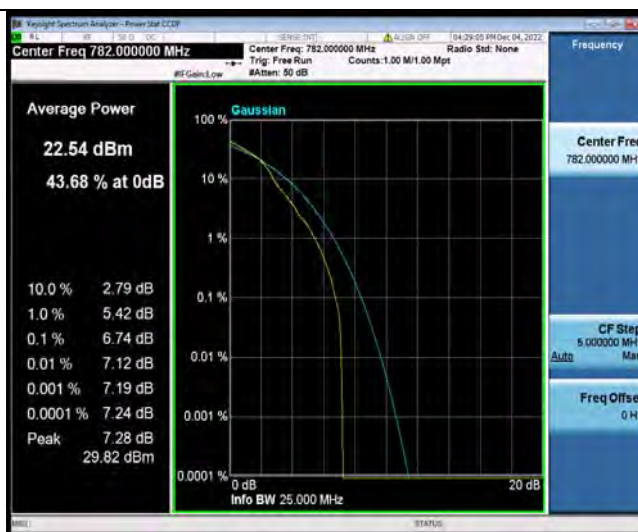
Band13-10MHz-QPSK-23230-1RB#0



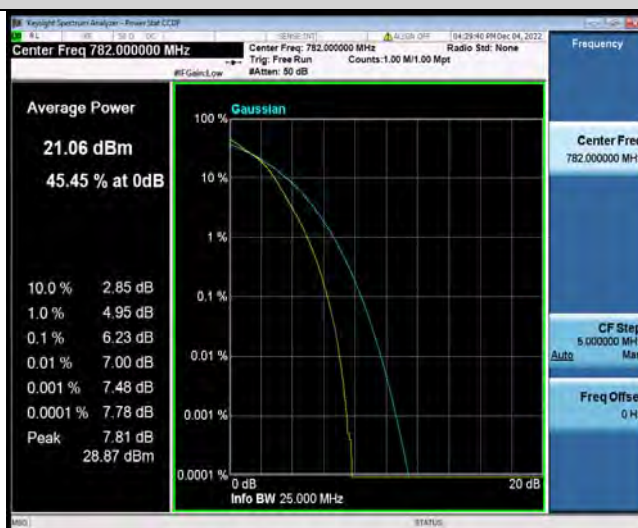
Band13-10MHz-QPSK-23230-50RB#0



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



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



Band13-10MHz-64QAM-23230-1RB#0

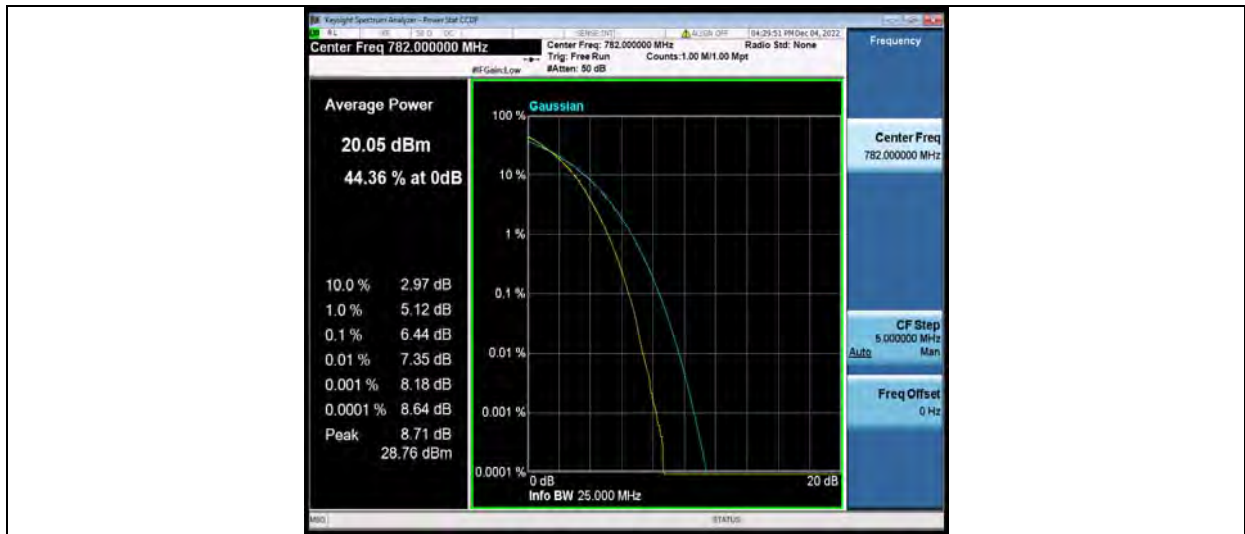


Band13-10MHz-64QAM-23230-50RB#0



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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	4.5046	4.878	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.5006	4.882	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.4944	4.868	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5033	4.866	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.4961	4.861	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.4916	4.895	PASS
Band13	5MHz	64QAM	23205	25RB#0	4.4962	4.851	PASS
Band13	5MHz	64QAM	23230	25RB#0	4.4922	4.861	PASS
Band13	5MHz	64QAM	23255	25RB#0	4.4978	4.859	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9593	9.532	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9435	9.539	PASS
Band13	10MHz	64QAM	23230	50RB#0	8.9377	9.526	PASS

Test Graphs

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



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

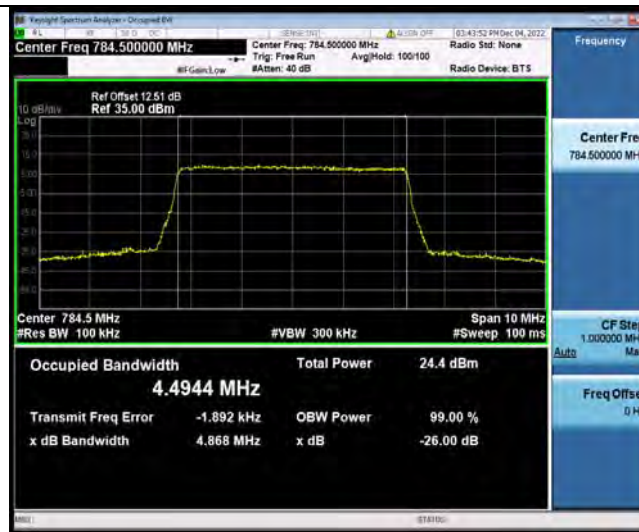


Band13-5MHz-QPSK-23255-25RB#0



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Test Report No.: W7L-P22110037RF06



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



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



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



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Test Report No.: W7L-P22110037RF06



Band13-5MHz-64QAM-23205-25RB#0



Band13-5MHz-64QAM-23230-25RB#0



Band13-5MHz-64QAM-23255-25RB#0



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Test Report No.: W7L-P22110037RF06



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



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



Band13-10MHz-64QAM-23230-50RB#0



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Test Report No.: W7L-P22110037RF06

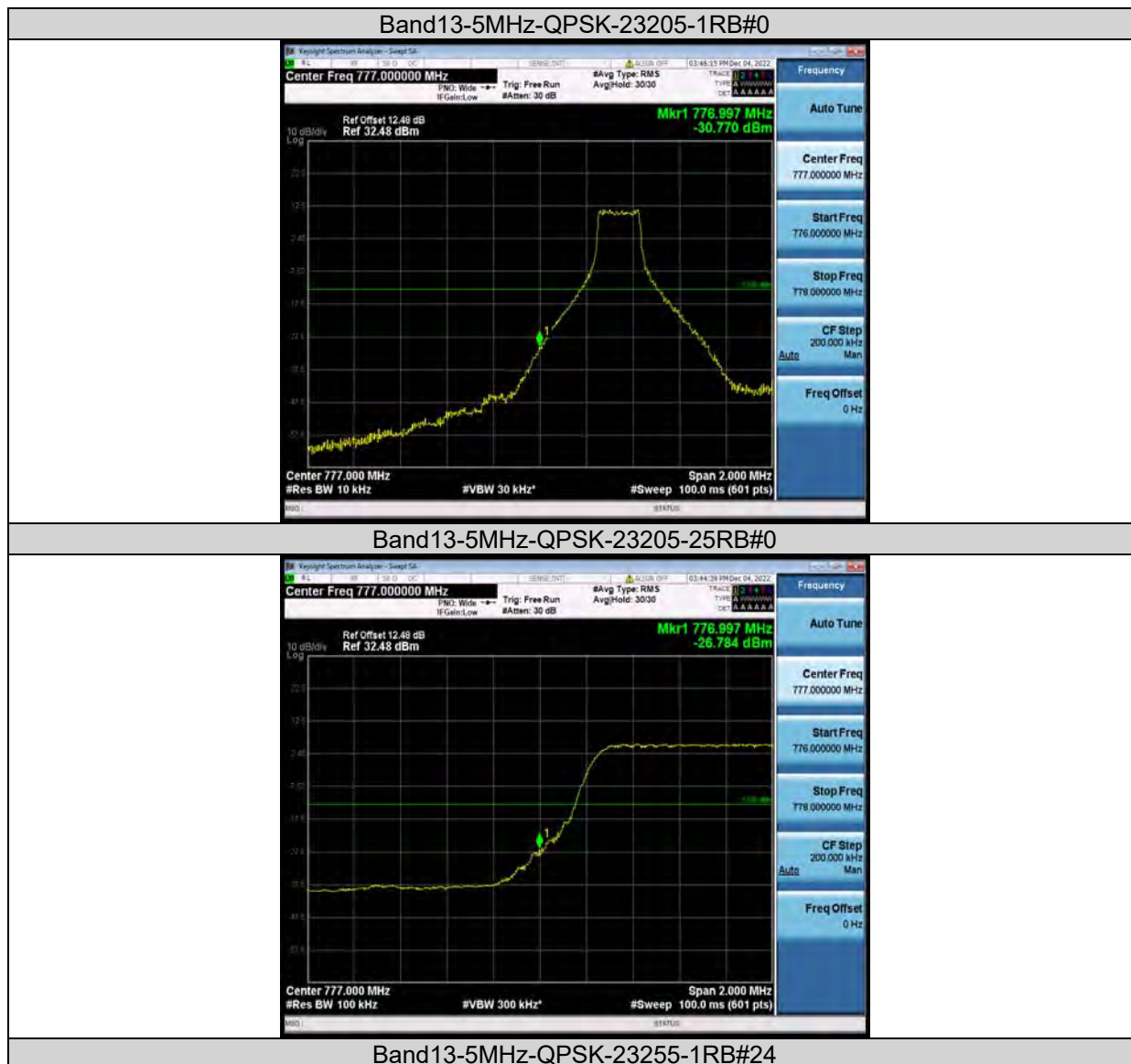


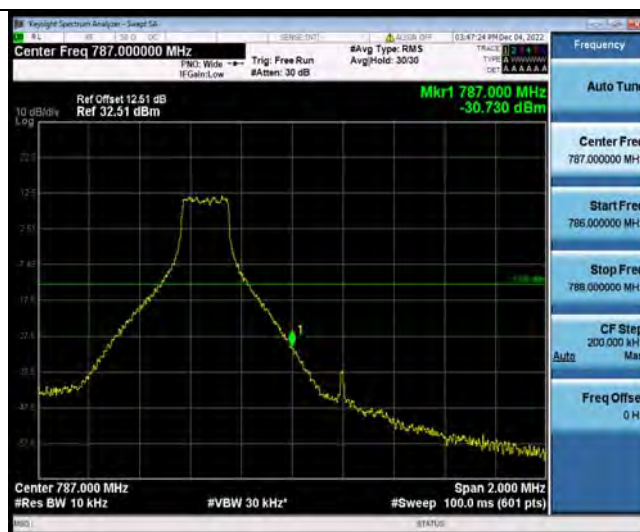
BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-30.77	PASS
Band13	5MHz	QPSK	23205	25RB#0	-26.78	PASS
Band13	5MHz	QPSK	23255	1RB#24	-30.73	PASS
Band13	5MHz	QPSK	23255	25RB#0	-27.40	PASS
Band13	5MHz	16QAM	23205	1RB#0	-30.38	PASS
Band13	5MHz	16QAM	23205	25RB#0	-27.73	PASS
Band13	5MHz	16QAM	23255	1RB#24	-31.71	PASS
Band13	5MHz	16QAM	23255	25RB#0	-28.58	PASS
Band13	5MHz	64QAM	23205	1RB#0	-31.16	PASS
Band13	5MHz	64QAM	23205	25RB#0	-29.41	PASS
Band13	5MHz	64QAM	23255	1RB#24	-33.01	PASS
Band13	5MHz	64QAM	23255	25RB#0	-29.44	PASS
Band13	10MHz	QPSK	23230	1RB#0	-43.49,-56.48	PASS
Band13	10MHz	QPSK	23230	1RB#49	-56.53,-45.18	PASS
Band13	10MHz	QPSK	23230	50RB#0	-29.62,-32.47	PASS
Band13	10MHz	16QAM	23230	1RB#0	-44.88,-57.82	PASS
Band13	10MHz	16QAM	23230	1RB#49	-58.17,-45.79	PASS
Band13	10MHz	16QAM	23230	50RB#0	-31.64,-33.34	PASS
Band13	10MHz	64QAM	23230	1RB#0	-44.97,-59.24	PASS
Band13	10MHz	64QAM	23230	1RB#49	-59.56,-48.25	PASS
Band13	10MHz	64QAM	23230	50RB#0	-33.06,-35.95	PASS

Test Graphs

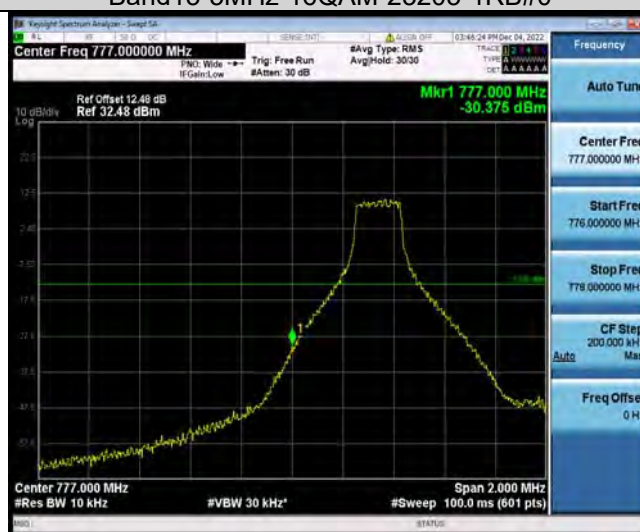




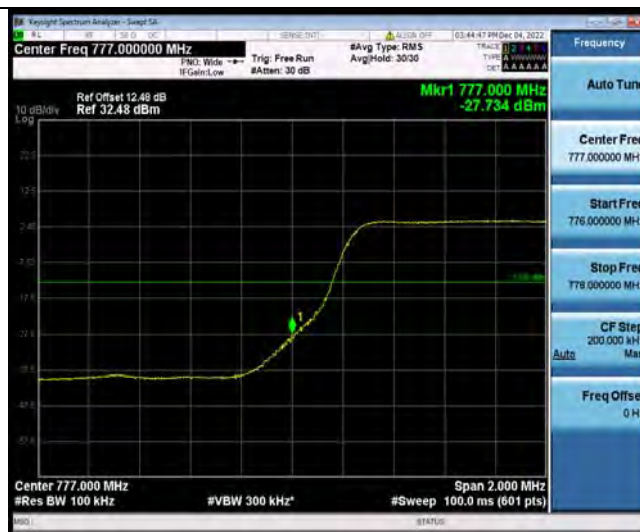
Band13-5MHz-QPSK-23255-25RB#0



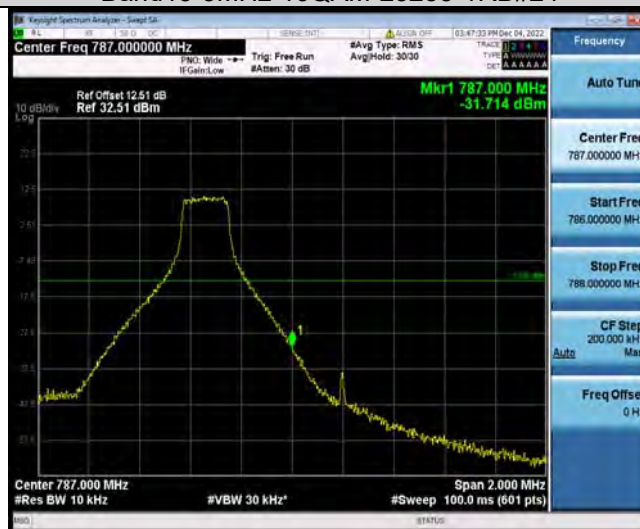
Band13-5MHz-16QAM-23205-1RB#0



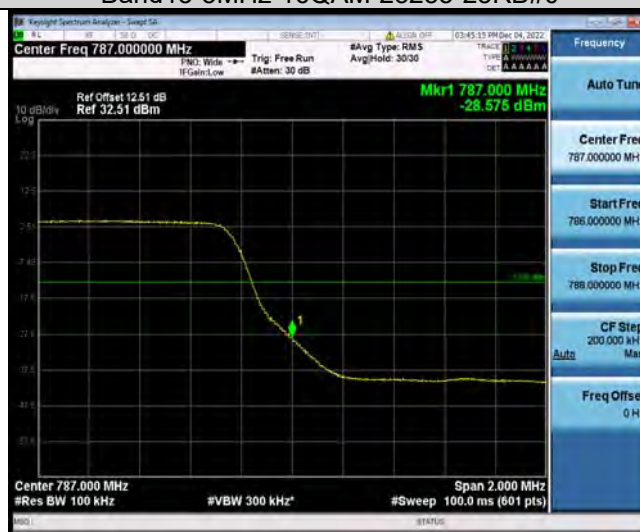
Band13-5MHz-16QAM-23205-25RB#0



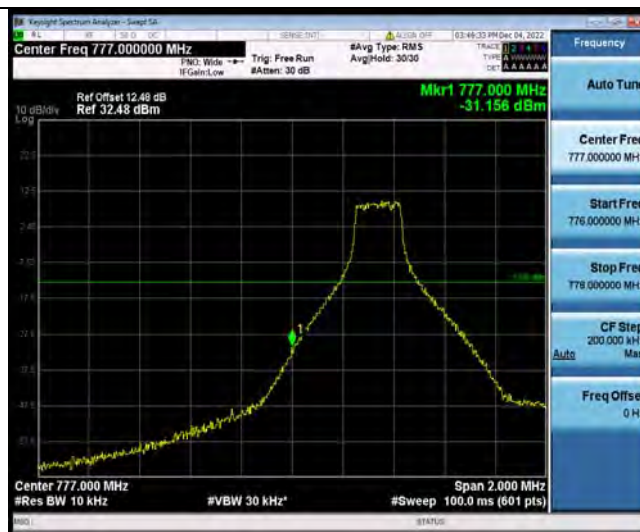
Band13-5MHz-16QAM-23255-1RB#24



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



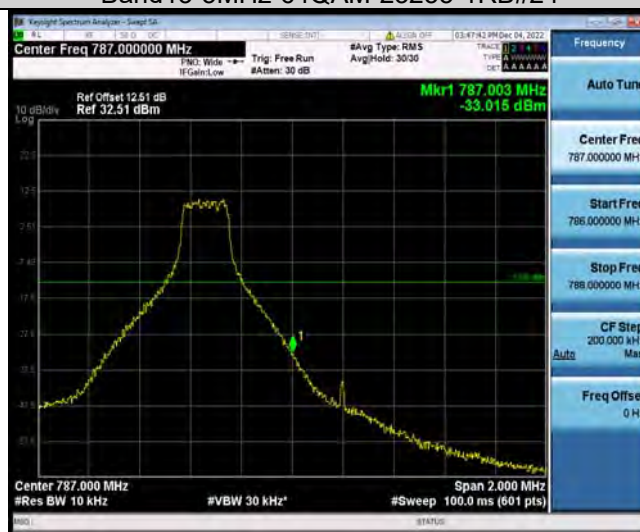
Band13-5MHz-64QAM-23205-1RB#0



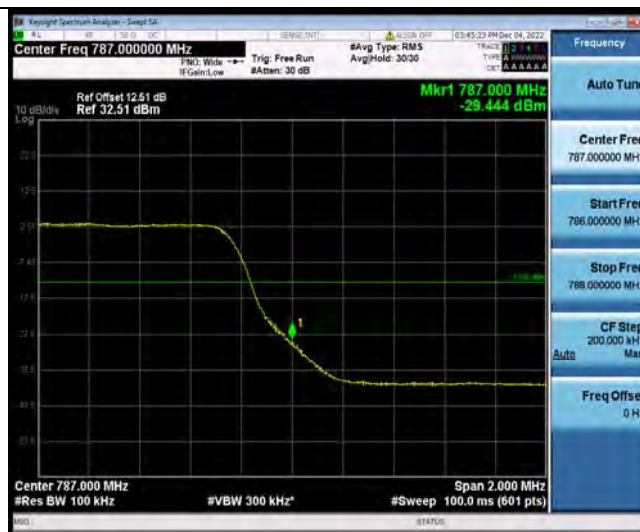
Band13-5MHz-64QAM-23205-25RB#0



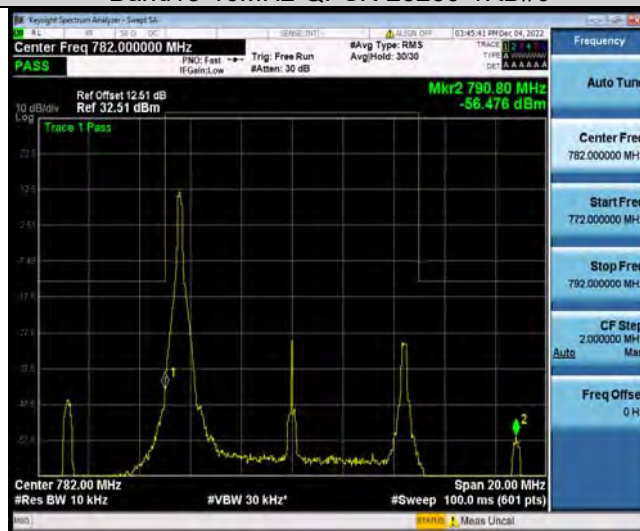
Band13-5MHz-64QAM-23255-1RB#24



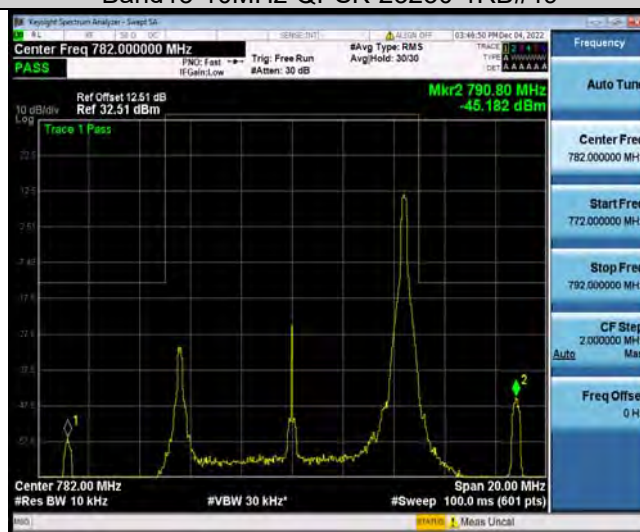
Band13-5MHz-64QAM-23255-25RB#0



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



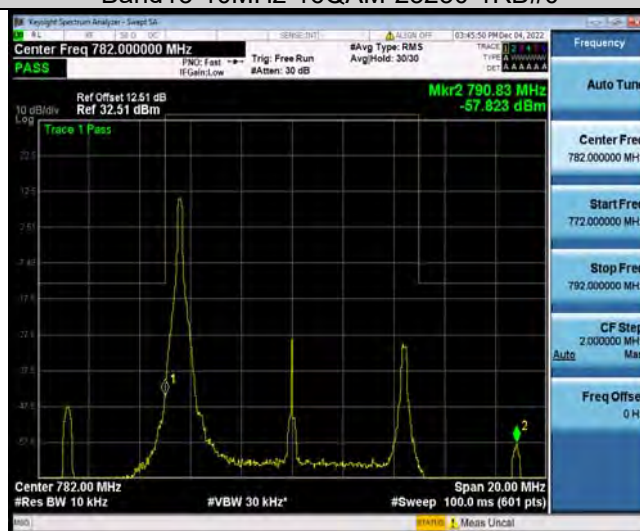
Band13-10MHz-QPSK-23230-1RB#49



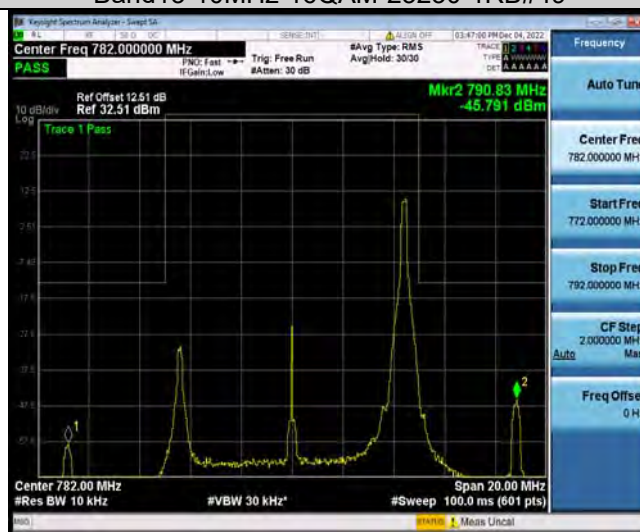
Band13-10MHz-QPSK-23230-50RB#0



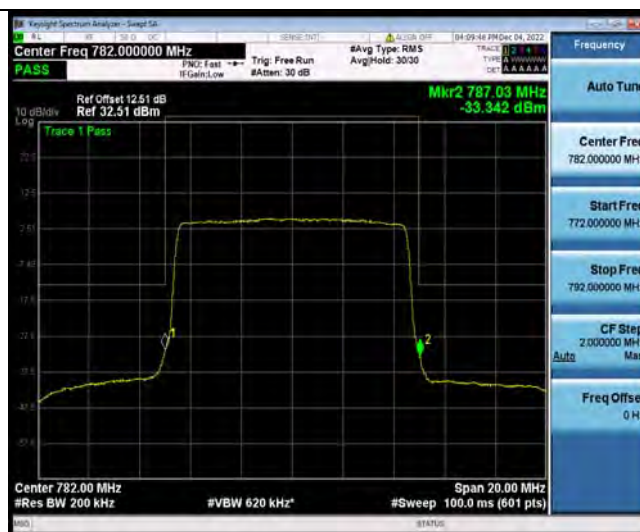
Band13-10MHz-16QAM-23230-1RB#0



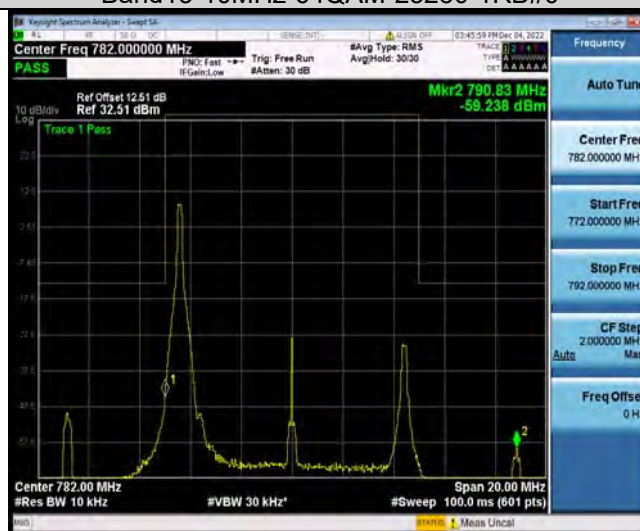
Band13-10MHz-16QAM-23230-1RB#49



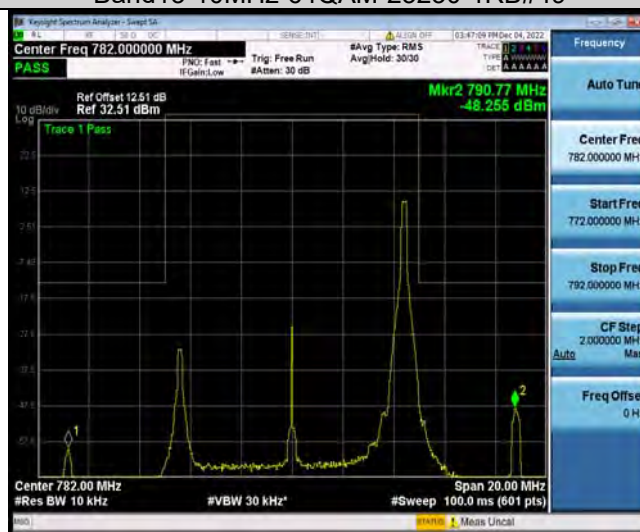
Band13-10MHz-16QAM-23230-50RB#0



Band13-10MHz-64QAM-23230-1RB#0



Band13-10MHz-64QAM-23230-1RB#49



Band13-10MHz-64QAM-23230-50RB#0



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CONDUCTED SPURIOUS EMISSION

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	Range1:30~1000MHz	-39.74	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range3:763~775MHz	-48.1	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range4:793~805MHz	-59.54	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range2:1000~10000MHz	-32.49	PASS
Band13	5MHz	QPSK	23205	1RB#0	Range5:1559~1610MHz	-59.51	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-39.59	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-60.08	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-59.6	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-33.94	PASS
Band13	5MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-49.06	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range1:30~1000MHz	-39.89	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range3:763~775MHz	-58.84	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range4:793~805MHz	-59.98	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range2:1000~10000MHz	-34.69	PASS
Band13	5MHz	QPSK	23255	1RB#0	Range5:1559~1610MHz	-49.62	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range1:30~1000MHz	-40.23	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range3:763~775MHz	-47.54	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range4:793~805MHz	-60.36	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range2:1000~10000MHz	-34.25	PASS
Band13	5MHz	16QAM	23205	1RB#0	Range5:1559~1610MHz	-59.6	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-39.3	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-59.84	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-60.03	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-33.92	PASS
Band13	5MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-50.23	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range1:30~1000MHz	-40.11	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range3:763~775MHz	-59.08	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range4:793~805MHz	-60.01	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range2:1000~10000MHz	-34.02	PASS
Band13	5MHz	16QAM	23255	1RB#0	Range5:1559~1610MHz	-50.33	PASS
Band13	5MHz	64QAM	23205	1RB#0	Range1:30~1000MHz	-39.72	PASS
Band13	5MHz	64QAM	23205	1RB#0	Range3:763~775MHz	-48.36	PASS
Band13	5MHz	64QAM	23205	1RB#0	Range4:793~805MHz	-60.04	PASS
Band13	5MHz	64QAM	23205	1RB#0	Range2:1000~10000MHz	-34.21	PASS
Band13	5MHz	64QAM	23205	1RB#0	Range5:1559~1610MHz	-59.62	PASS
Band13	5MHz	64QAM	23230	1RB#0	Range1:30~1000MHz	-40.12	PASS
Band13	5MHz	64QAM	23230	1RB#0	Range3:763~775MHz	-60.21	PASS
Band13	5MHz	64QAM	23230	1RB#0	Range4:793~805MHz	-59.26	PASS
Band13	5MHz	64QAM	23230	1RB#0	Range2:1000~10000MHz	-34.65	PASS
Band13	5MHz	64QAM	23230	1RB#0	Range5:1559~1610MHz	-51.87	PASS
Band13	5MHz	64QAM	23255	1RB#0	Range1:30~1000MHz	-39.65	PASS
Band13	5MHz	64QAM	23255	1RB#0	Range3:763~775MHz	-59.92	PASS
Band13	5MHz	64QAM	23255	1RB#0	Range4:793~805MHz	-60.36	PASS
Band13	5MHz	64QAM	23255	1RB#0	Range2:1000~10000MHz	-34.08	PASS



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Band13	5MHz	64QAM	23255	1RB#0	Range5:1559~1610MHz	-52.14	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-39.72	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range3:763~775MHz	-47.63	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range4:793~805MHz	-57.37	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-34.36	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range5:1559~1610MHz	-59.5	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-39.76	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range3:763~775MHz	-48.9	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range4:793~805MHz	-58.66	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-33.97	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range5:1559~1610MHz	-59.47	PASS
Band13	10MHz	64QAM	23230	1RB#0	Range1:30~1000MHz	-40.36	PASS
Band13	10MHz	64QAM	23230	1RB#0	Range3:763~775MHz	-48.69	PASS
Band13	10MHz	64QAM	23230	1RB#0	Range4:793~805MHz	-60.05	PASS
Band13	10MHz	64QAM	23230	1RB#0	Range2:1000~10000MHz	-34.8	PASS
Band13	10MHz	64QAM	23230	1RB#0	Range5:1559~1610MHz	-59.57	PASS

Test Graphs

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



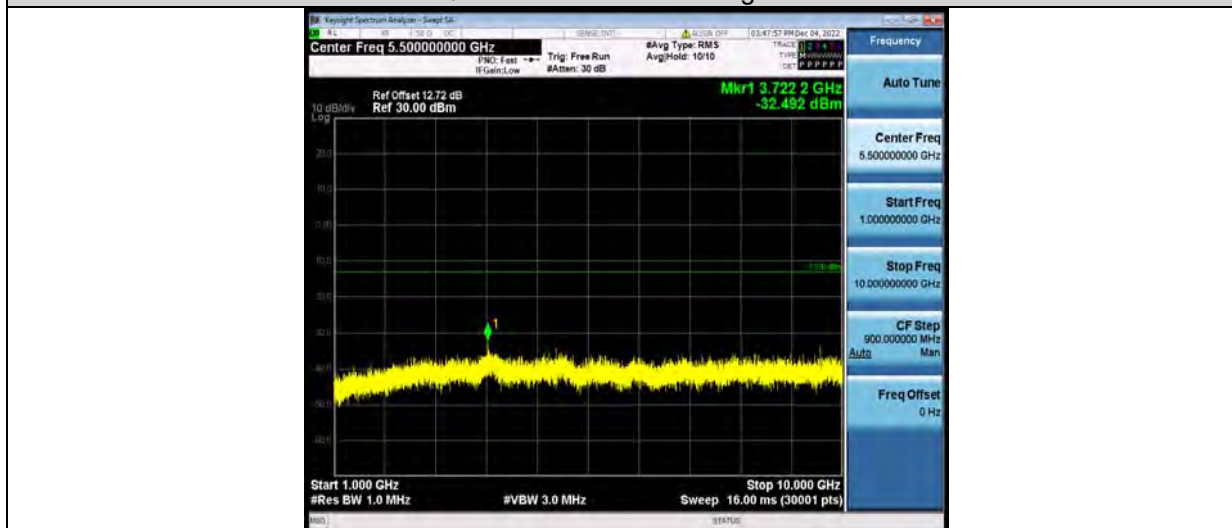
Band13-5MHz-QPSK-23205-1RB#0-Range3:763~775MHz



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



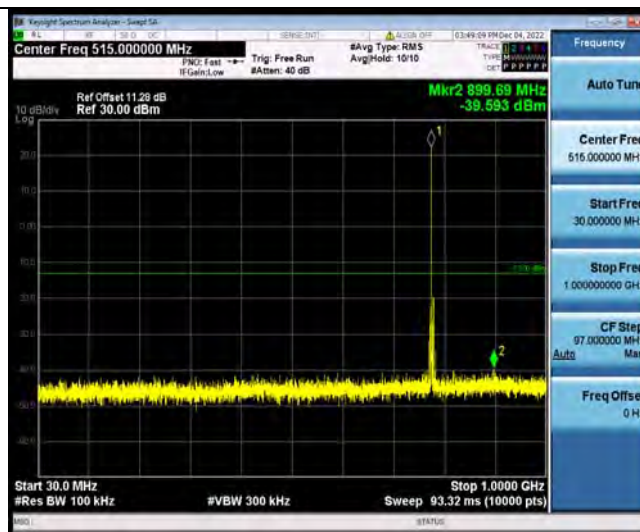
Band13-5MHz-QPSK-23205-1RB#0-Range2:1000~10000MHz



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



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



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



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



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



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



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



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



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



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



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

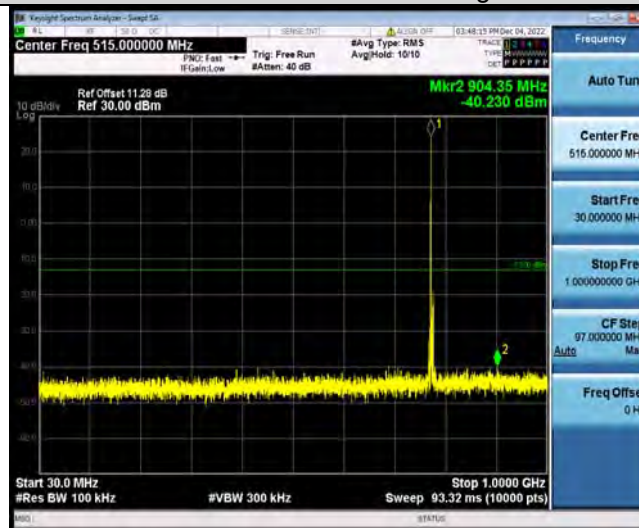


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Band13-5MHz-16QAM-23205-1RB#0-Range1:30~1000MHz



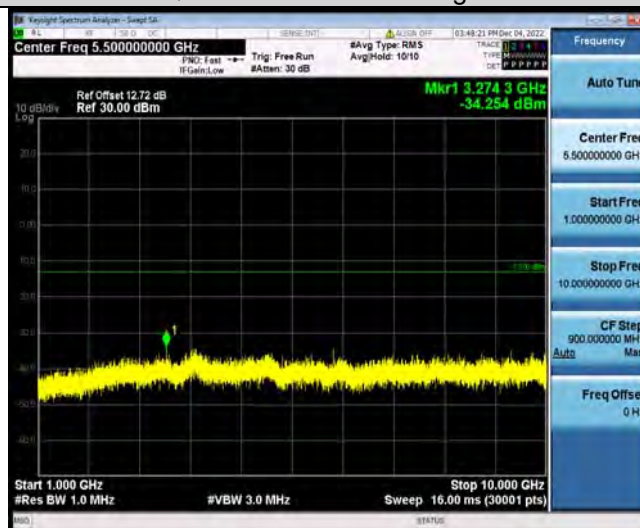
Band13-5MHz-16QAM-23205-1RB#0-Range3:763~775MHz



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



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



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

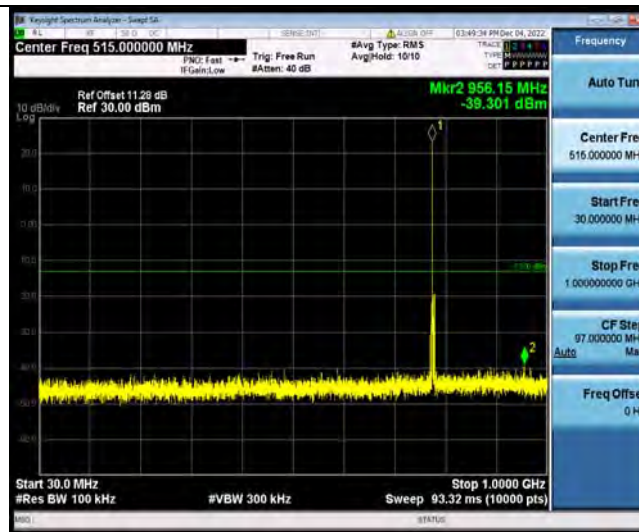


Band13-5MHz-16QAM-23230-1RB#0-Range1:30~1000MHz



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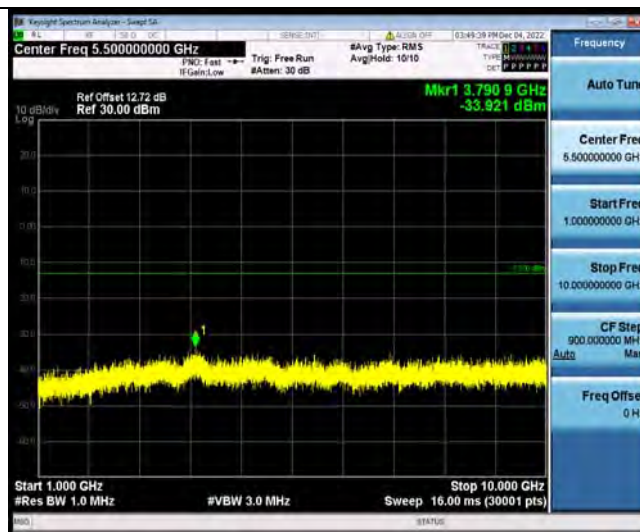
Band13-5MHz-16QAM-23230-1RB#0-Range3:763~775MHz



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



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



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



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



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



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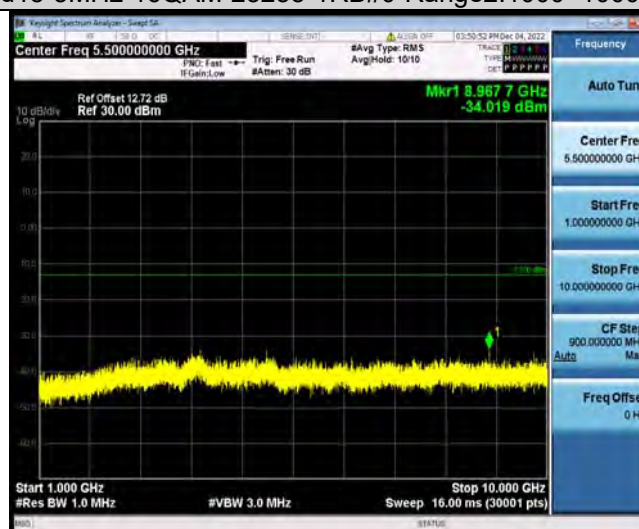
Test Report No.: W7L-P22110037RF06



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



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

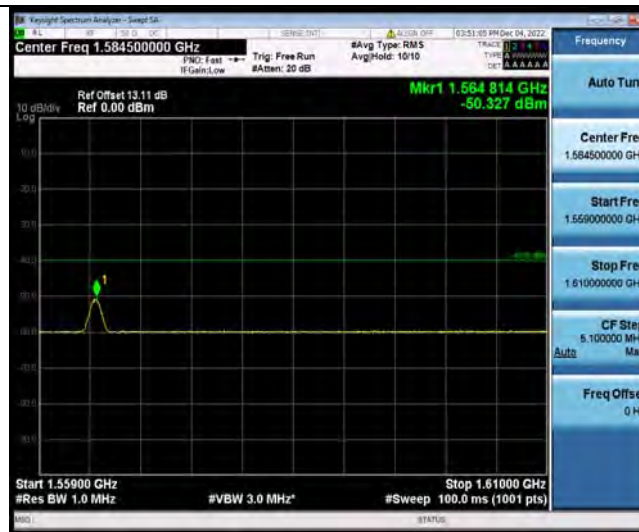


Band13-5MHz-16QAM-23255-1RB#0-Range5:1559~1610MHz



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Test Report No.: W7L-P22110037RF06



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



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

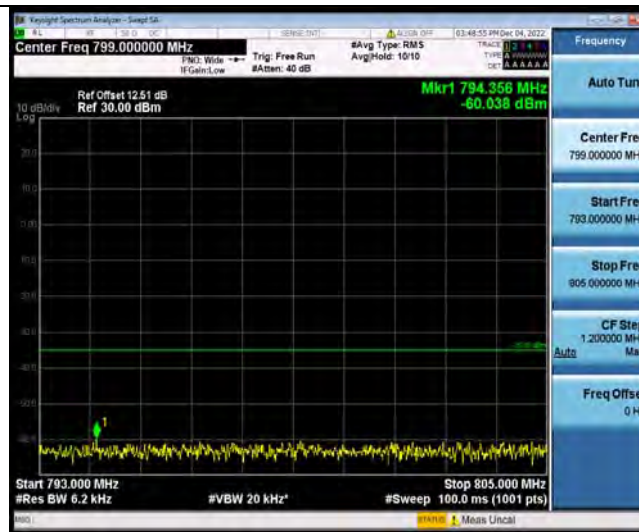


Band13-5MHz-64QAM-23205-1RB#0-Range4:793~805MHz

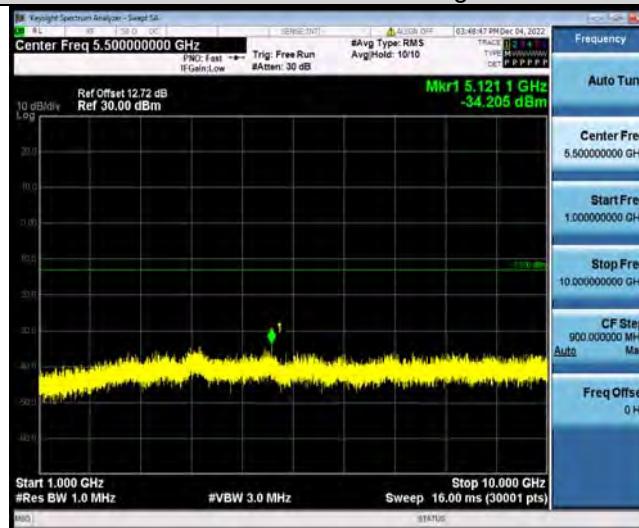


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Band13-5MHz-64QAM-23205-1RB#0-Range2:1000~10000MHz



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

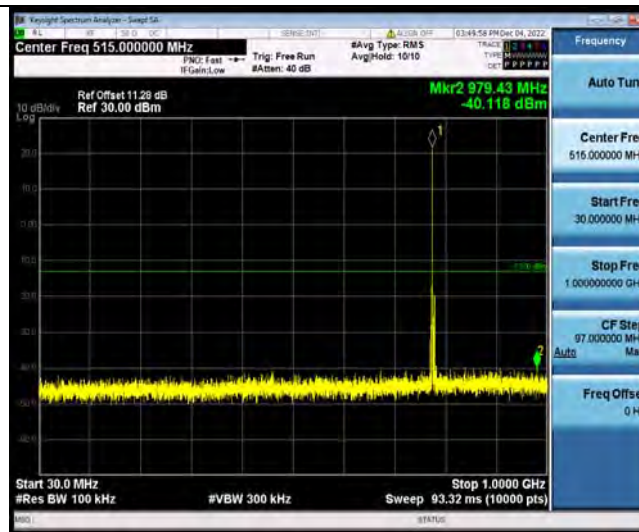


Band13-5MHz-64QAM-23230-1RB#0-Range1:30~1000MHz



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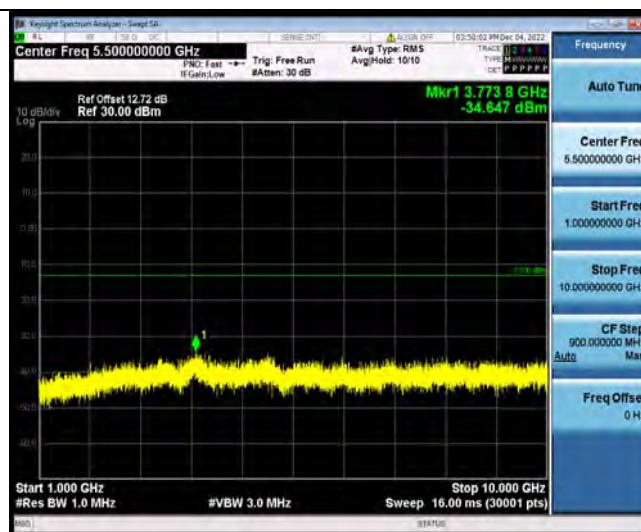
Band13-5MHz-64QAM-23230-1RB#0-Range3:763~775MHz



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



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



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



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



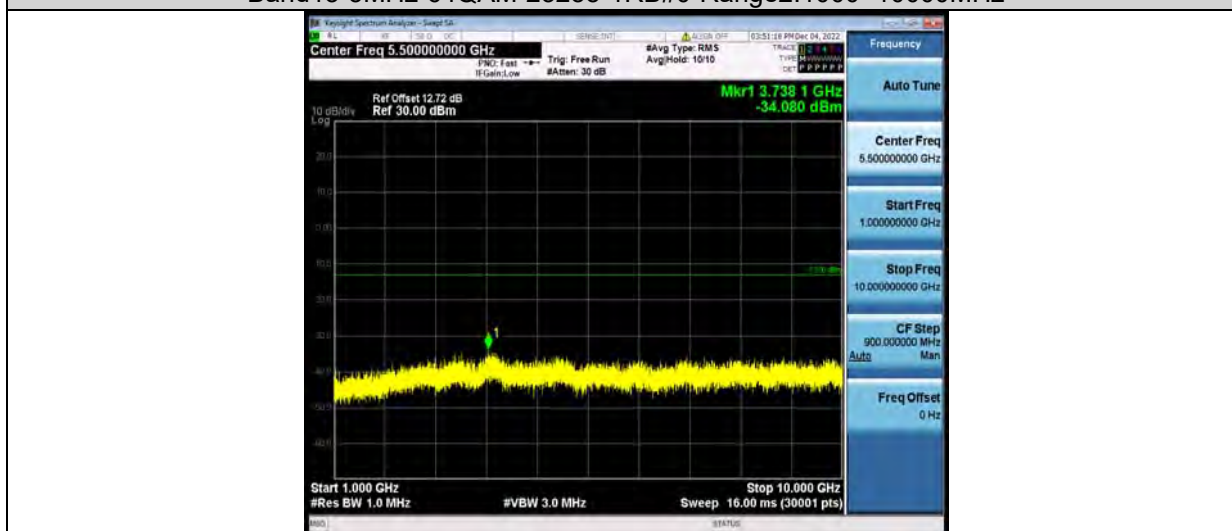
Band13-5MHz-64QAM-23255-1RB#0-Range3:763~775MHz



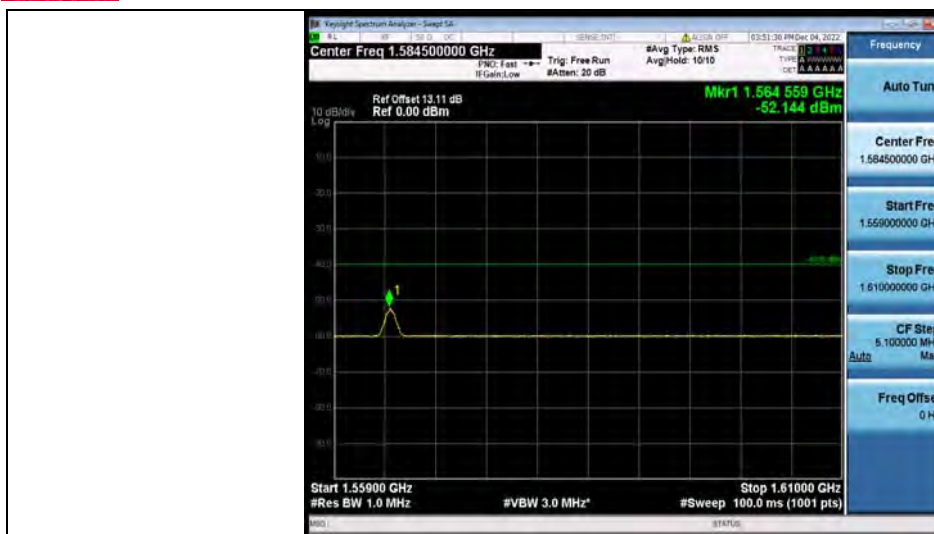
Band13-5MHz-64QAM-23255-1RB#0-Range4:793~805MHz



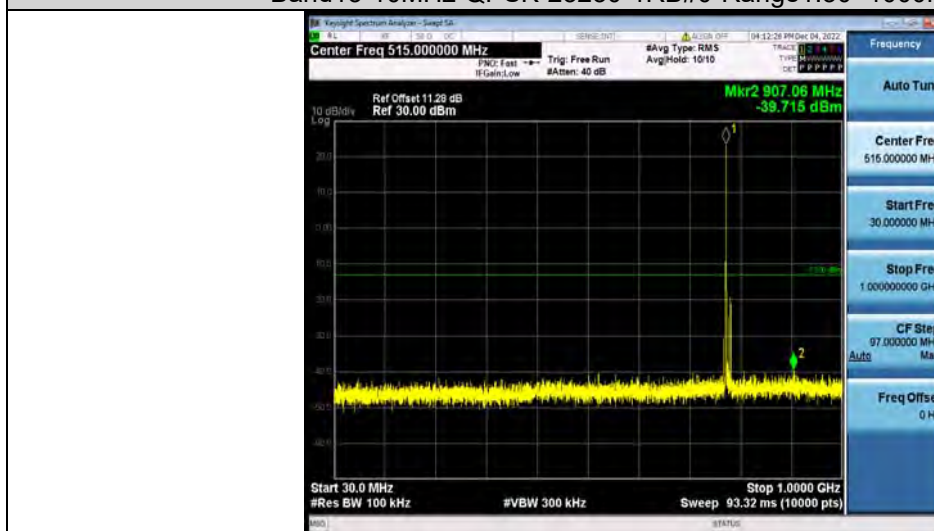
Band13-5MHz-64QAM-23255-1RB#0-Range2:1000~10000MHz



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



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



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



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

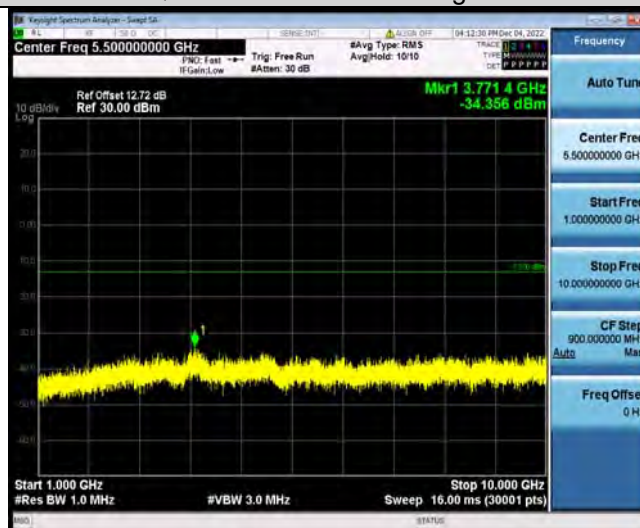


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Band13-10MHz-QPSK-23230-1RB#0-Range2:1000~10000MHz



Band13-10MHz-QPSK-23230-1RB#0-Range5:1559~16100MHz



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



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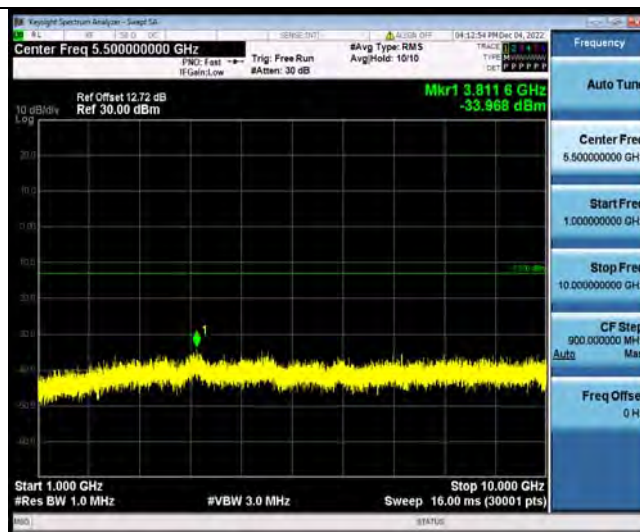
Band13-10MHz-16QAM-23230-1RB#0-Range3:763~775MHz



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



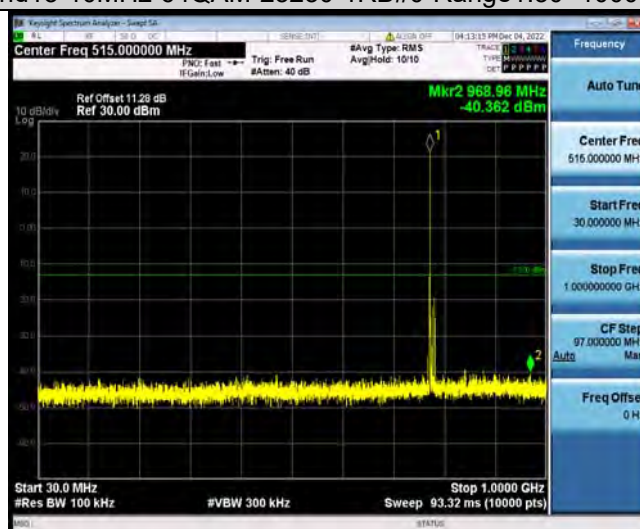
Band13-10MHz-16QAM-23230-1RB#0-Range2:1000~10000MHz



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



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



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



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



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



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



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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	-2.98	-0.003823	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	VN	NT	-2.22	-0.002848	±2.5	PASS
Band1_3	5MHz	QPSK	23205	25RB#0	VH	NT	0.84	0.001078	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VL	NT	5.14	0.006573	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VN	NT	4.76	0.006087	±2.5	PASS
Band1_3	5MHz	QPSK	23230	25RB#0	VH	NT	1.39	0.001777	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VL	NT	1.79	0.002282	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VN	NT	2.56	0.003263	±2.5	PASS
Band1_3	5MHz	QPSK	23255	25RB#0	VH	NT	2.27	0.002894	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VL	NT	2.39	0.003066	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VN	NT	-2.72	-0.003489	±2.5	PASS
Band1_3	5MHz	16QAM	23205	25RB#0	VH	NT	2.27	0.002912	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VL	NT	4.82	0.006164	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VN	NT	4.85	0.006202	±2.5	PASS
Band1_3	5MHz	16QAM	23230	25RB#0	VH	NT	5.82	0.007442	±2.5	PASS
Band1_3	5MHz	16QAM	23255	25RB#0	VL	NT	4.73	0.006029	±2.5	PASS
Band1_3	5MHz	16QAM	23255	25RB#0	VN	NT	4.41	0.005621	±2.5	PASS
Band1_3	5MHz	16QAM	23255	25RB#0	VH	NT	3.43	0.004372	±2.5	PASS
Band1_3	5MHz	64QAM	23205	25RB#0	VL	NT	-2.83	-0.003631	±2.5	PASS
Band1_3	5MHz	64QAM	23205	25RB#0	VN	NT	-2.92	-0.003746	±2.5	PASS
Band1_3	5MHz	64QAM	23205	25RB#0	VH	NT	1.20	0.001539	±2.5	PASS



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Band1 3	5MHz	64QAM	23230	25RB#0	VL	NT	3.91	0.005000	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	VN	NT	2.30	0.002941	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	VH	NT	2.15	0.002749	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	VL	NT	3.62	0.004614	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	VN	NT	5.74	0.007317	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	VH	NT	4.63	0.005902	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VL	NT	2.49	0.003184	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VN	NT	-1.70	-0.002174	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	VH	NT	-2.25	-0.002877	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VL	NT	3.36	0.004297	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VN	NT	5.26	0.006726	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	VH	NT	2.89	0.003696	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	VL	NT	1.36	0.001739	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	VN	NT	-1.75	-0.002238	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	VH	NT	-2.09	-0.002673	±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	-1.83	-0.002348	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	-20	-0.87	-0.001116	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	0	2.25	0.002886	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	10	2.82	0.003618	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	20	4.31	0.005529	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	30	4.45	0.005709	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	40	4.62	0.005927	±2.5	PASS
Band1 3	5MHz	QPSK	23205	25RB#0	NV	50	3.49	0.004477	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	-30	1.10	0.001407	±2.5	PASS



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Band1 3	5MHz	QPSK	23230	25RB#0	NV	-20	3.16	0.004041	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	0	1.30	0.001662	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	10	-1.83	-0.002340	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	20	3.00	0.003836	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	30	3.69	0.004719	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	40	3.49	0.004463	±2.5	PASS
Band1 3	5MHz	QPSK	23230	25RB#0	NV	50	5.18	0.006624	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	-30	-2.56	-0.003263	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	-20	2.52	0.003212	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	0	-1.93	-0.002460	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	10	2.02	0.002575	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	20	1.52	0.001938	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	30	4.75	0.006055	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	40	5.41	0.006896	±2.5	PASS
Band1 3	5MHz	QPSK	23255	25RB#0	NV	50	7.77	0.009904	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	-30	-0.96	-0.001232	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	-20	2.66	0.003412	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	0	2.69	0.003451	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	10	3.40	0.004362	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	20	1.59	0.002040	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	30	-2.68	-0.003438	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	40	-1.66	-0.002130	±2.5	PASS
Band1 3	5MHz	16QAM	23205	25RB#0	NV	50	-2.30	-0.002951	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	-30	3.60	0.004604	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	-20	3.92	0.005013	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	0	2.73	0.003491	±2.5	PASS
Band1	5MHz	16QAM	23230	25RB#0	NV	10	3.45	0.004412	±2.5	PASS



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Band1 3	5MHz	16QAM	23230	25RB#0	NV	20	-2.75	-0.003517	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	30	1.36	0.001739	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	40	-1.76	-0.002251	±2.5	PASS
Band1 3	5MHz	16QAM	23230	25RB#0	NV	50	-1.54	-0.001969	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	-30	4.61	0.005876	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	-20	2.85	0.003633	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	0	-1.24	-0.001581	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	10	-2.57	-0.003276	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	20	3.63	0.004627	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	30	5.11	0.006514	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	40	3.38	0.004308	±2.5	PASS
Band1 3	5MHz	16QAM	23255	25RB#0	NV	50	5.19	0.006616	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	-30	-2.25	-0.002886	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	-20	-1.42	-0.001822	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	0	-1.62	-0.002078	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	10	4.49	0.005760	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	20	3.58	0.004593	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	30	5.71	0.007325	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	40	2.59	0.003323	±2.5	PASS
Band1 3	5MHz	64QAM	23205	25RB#0	NV	50	2.62	0.003361	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	-30	5.05	0.006458	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	-20	5.38	0.006880	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	0	5.44	0.006957	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	10	3.71	0.004744	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	20	1.93	0.002468	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	30	4.03	0.005153	±2.5	PASS



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Band1 3	5MHz	64QAM	23230	25RB#0	NV	40	3.91	0.005000	±2.5	PASS
Band1 3	5MHz	64QAM	23230	25RB#0	NV	50	2.57	0.003286	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	-30	2.22	0.002830	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	-20	2.23	0.002843	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	0	-1.27	-0.001619	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	10	-2.70	-0.003442	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	20	3.33	0.004245	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	30	3.76	0.004793	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	40	5.34	0.006807	±2.5	PASS
Band1 3	5MHz	64QAM	23255	25RB#0	NV	50	6.34	0.008082	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-30	-2.60	-0.003325	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	-20	-2.16	-0.002762	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	0	-2.50	-0.003197	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	10	3.75	0.004795	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	20	3.55	0.004540	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	30	4.26	0.005448	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	40	4.05	0.005179	±2.5	PASS
Band1 3	10MHz	QPSK	23230	50RB#0	NV	50	1.46	0.001867	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	-30	-2.82	-0.003606	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	-20	-2.17	-0.002775	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	0	-2.86	-0.003657	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	10	-2.30	-0.002941	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	20	-3.13	-0.004003	±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	2.09	0.002673	±2.5	PASS
Band1 3	10MHz	16QAM	23230	50RB#0	NV	50	2.95	0.003772	±2.5	PASS
Band1	10MHz	64QAM	23230	50RB#0	NV	-30	2.72	0.003478	±2.5	PASS



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Band1 3	10MHz	64QAM	23230	50RB#0	NV	-20	3.38	0.004322	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	0	4.25	0.005435	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	10	1.52	0.001944	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	20	1.99	0.002545	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	30	-1.82	-0.002327	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	40	2.35	0.003005	±2.5	PASS
Band1 3	10MHz	64QAM	23230	50RB#0	NV	50	-2.83	-0.003619	±2.5	PASS

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