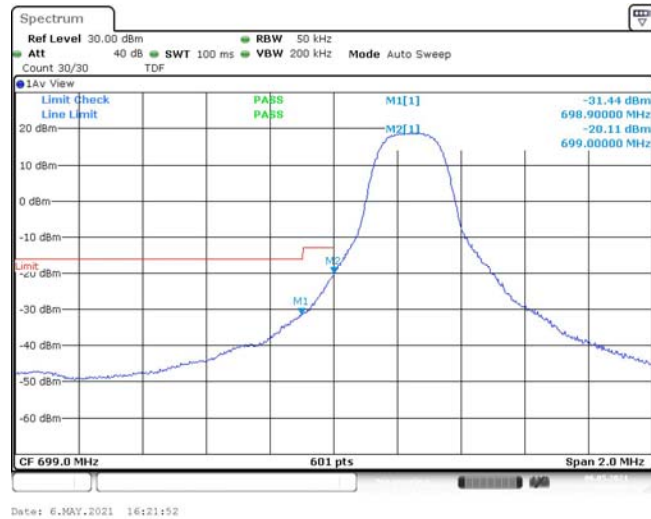
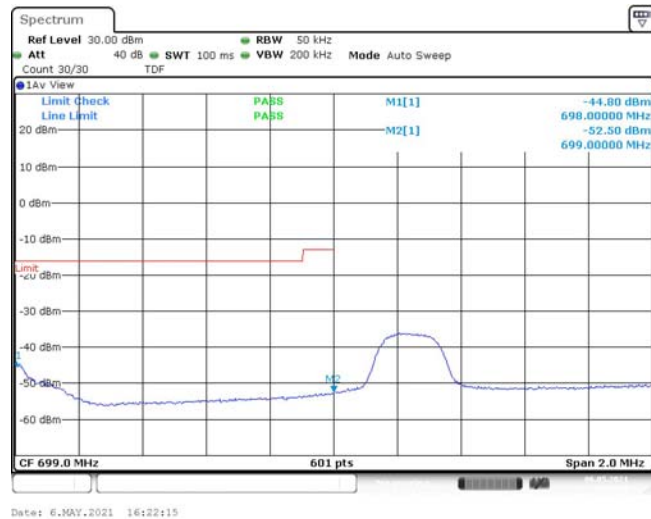




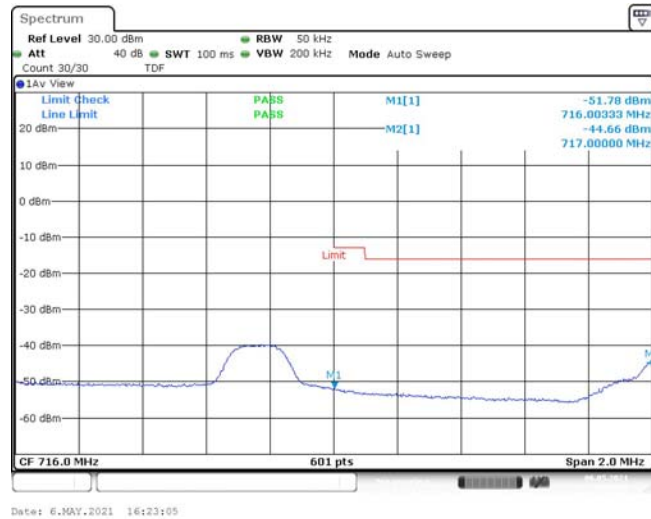
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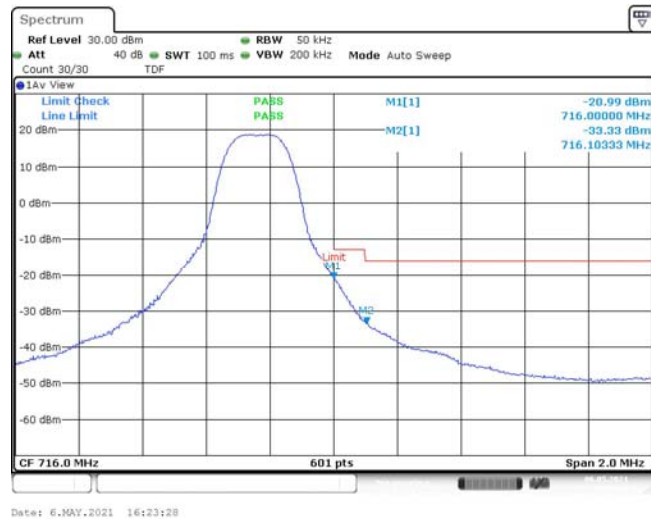
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Band12-3MHz-QPSK-23165-1RB#0



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



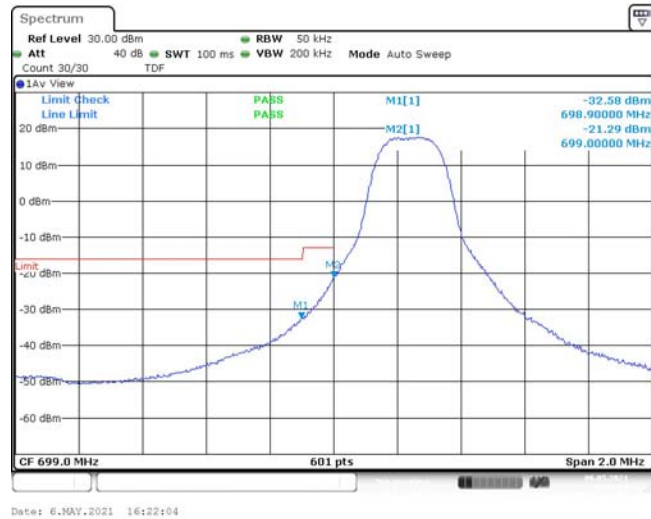
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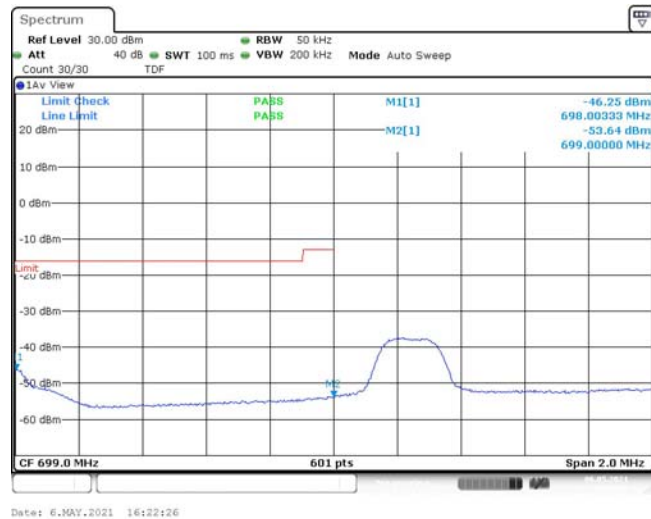
Band12-3MHz-16QAM-23025-1RB#0



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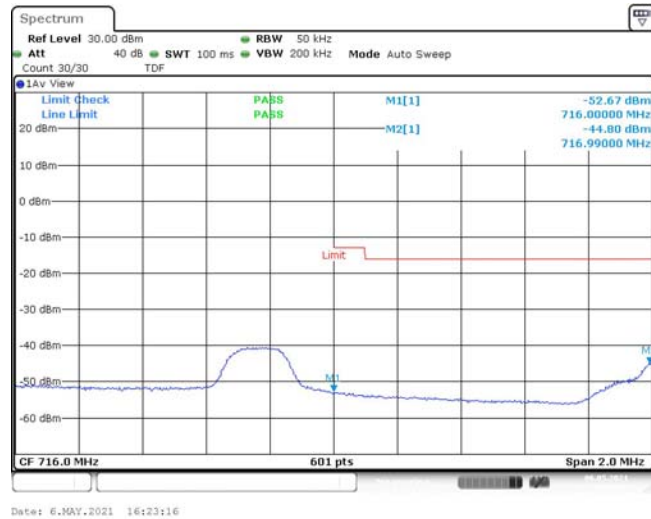
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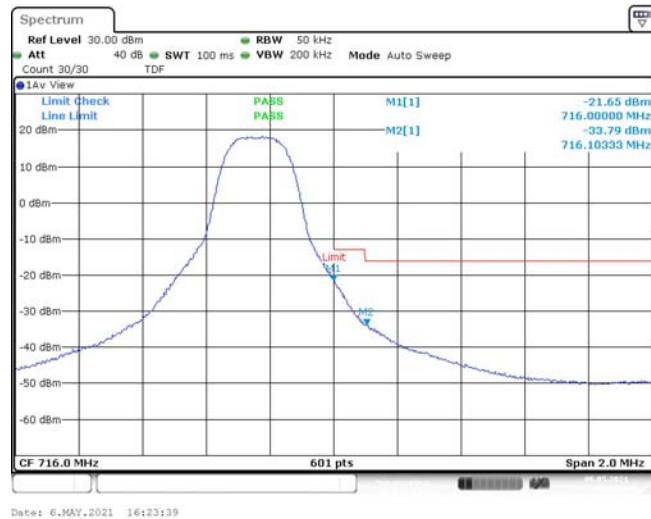
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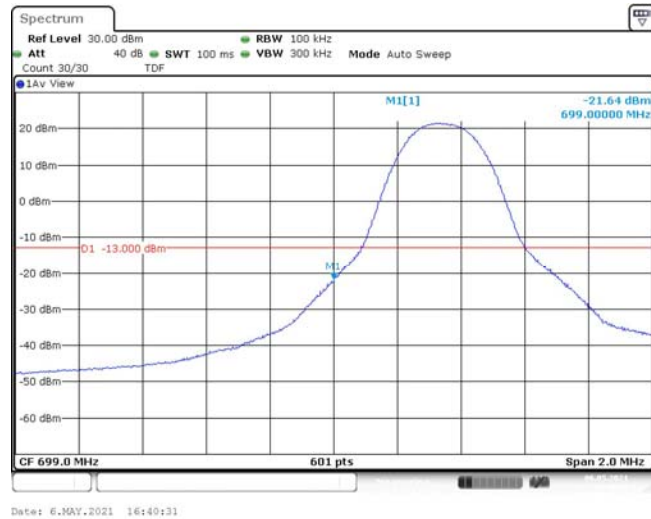
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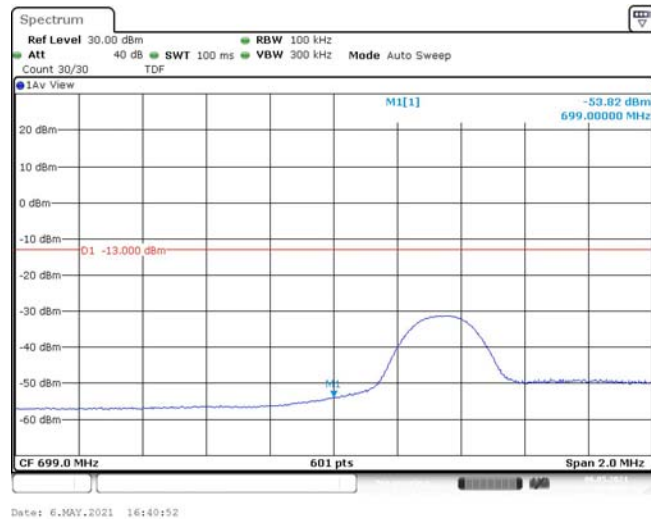
Band12-5MHz-QPSK-23035-1RB#0



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Band12-5MHz-QPSK-23035-1RB#24



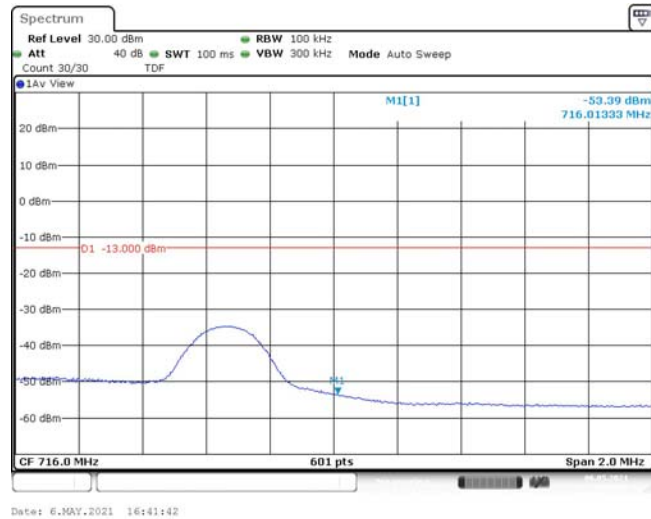
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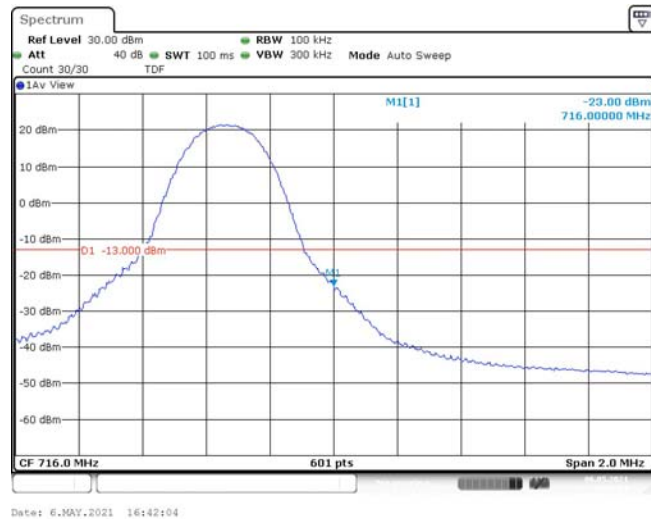
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CTC Laboratories, Inc.



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



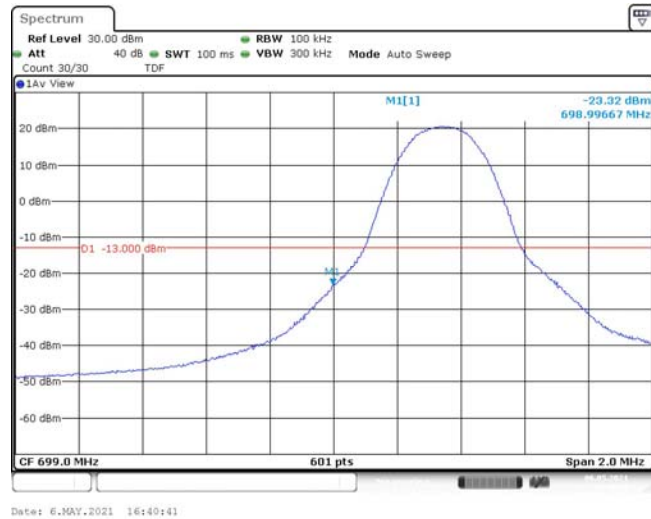
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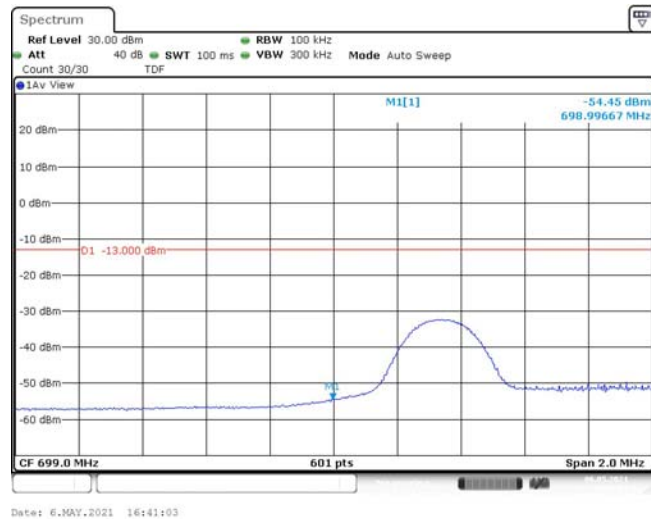
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CTC Laboratories, Inc.



Band12-5MHz-16QAM-23035-1RB#24



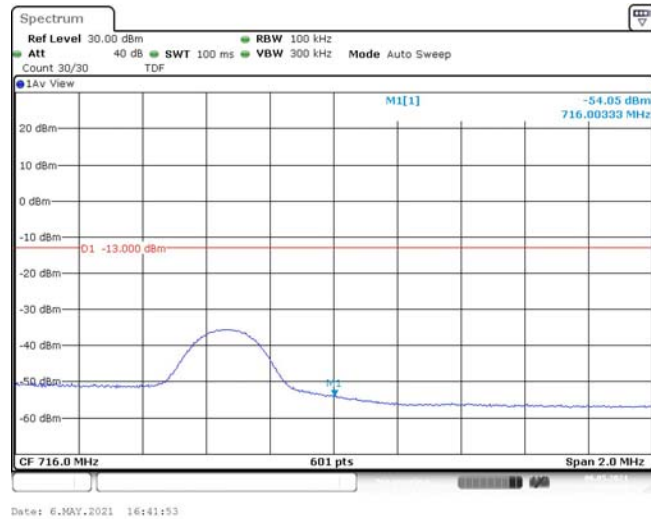
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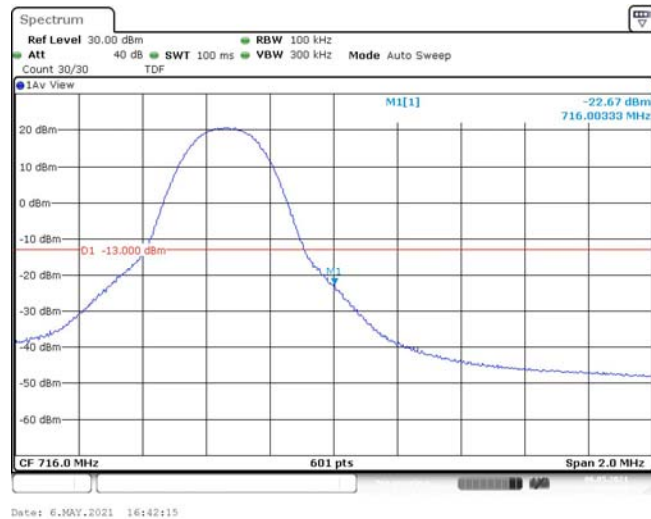
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CTC Laboratories, Inc.



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



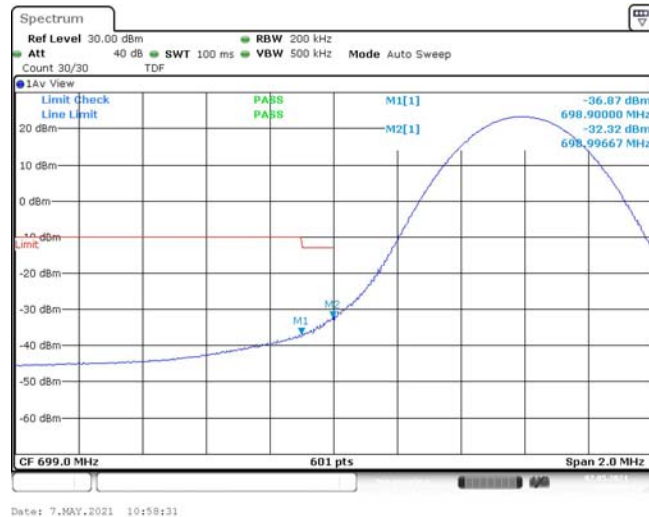
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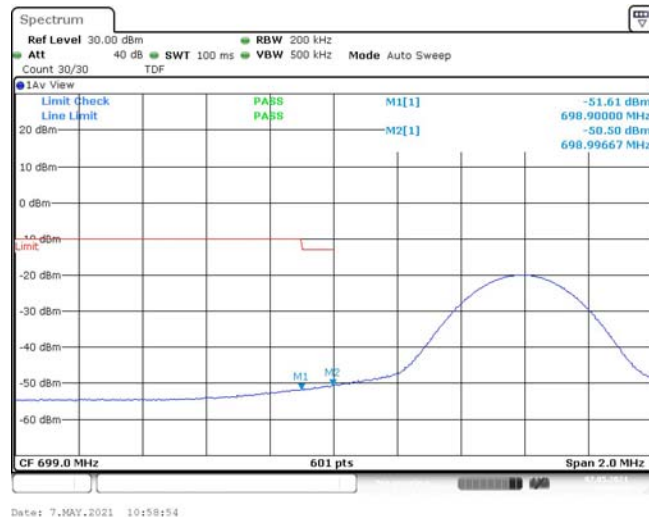
Band12-10MHz-QPSK-23060-1RB#0



CTC Laboratories, Inc.



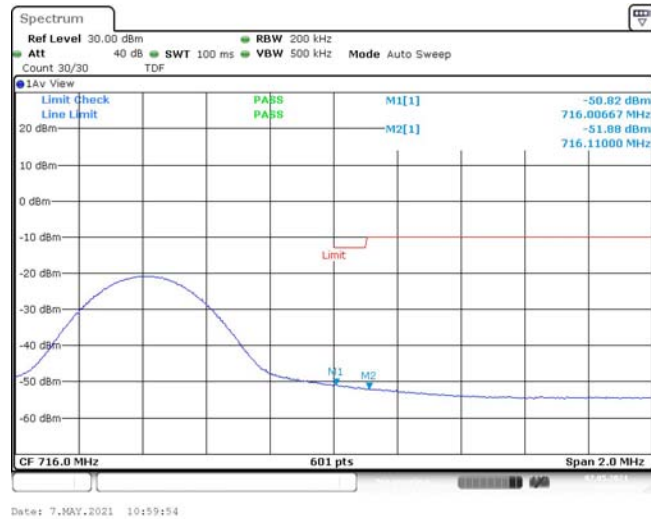
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Band12-10MHz-QPSK-23060-50RB#0



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



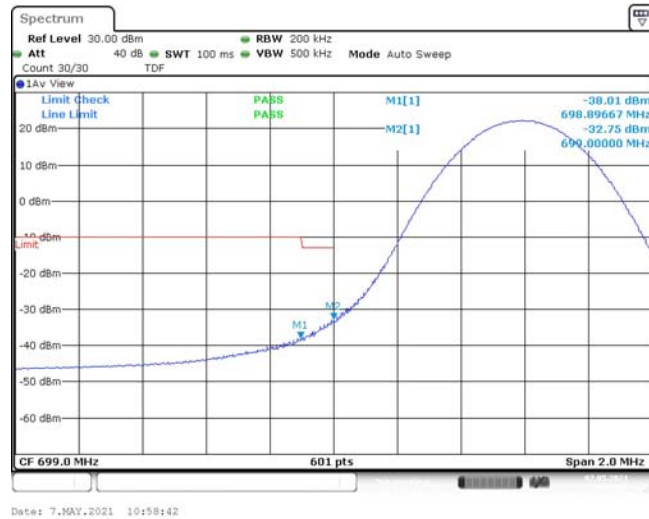
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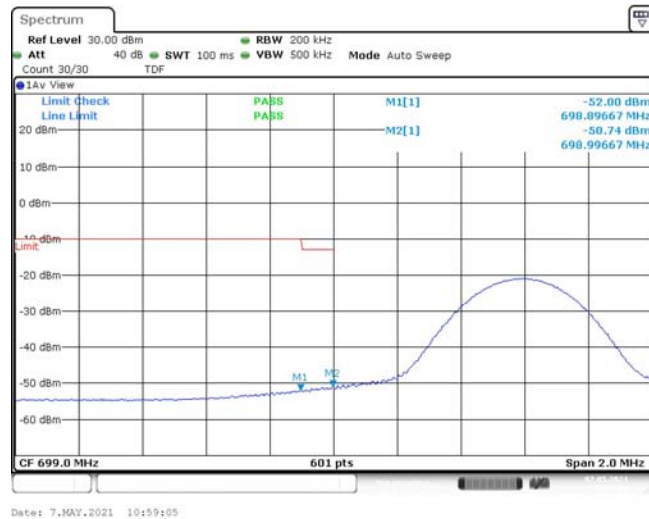
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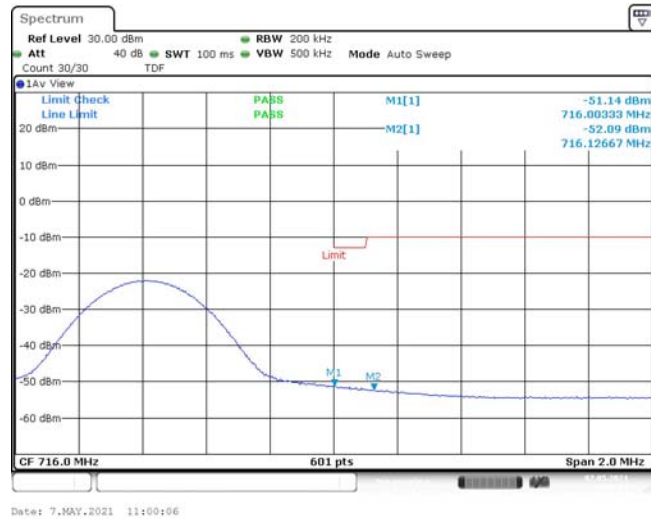
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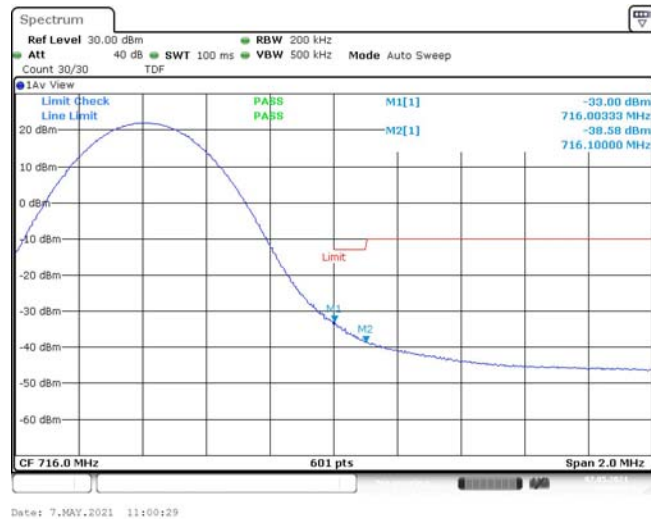
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Band12-10MHz-16QAM-23130-1RB#0



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



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





Appendix E: 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	-45.35	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-28.47	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-45.59	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-29.17	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-45.86	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-29.01	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-45.72	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-29.59	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-44.89	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-29.06	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-44.86	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-29.62	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-44.99	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-29.66	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-43.86	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-28.71	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-44.94	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-30.07	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-45.82	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-28.85	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-45.34	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-28.92	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-45.02	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-29.5	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-45.41	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-29.14	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-45.09	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-29.26	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-45.5	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-29.16	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-44.52	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-29.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-44.78	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-29.24	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-44.79	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-29.19	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-44.84	PASS



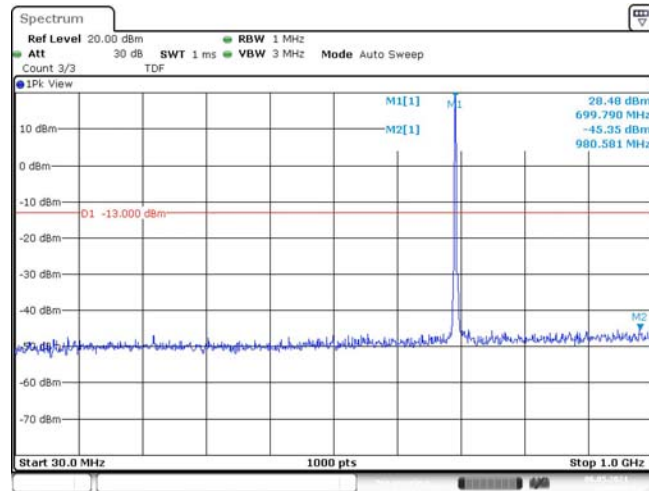
CTC Laboratories, Inc.

Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-28.98	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-45.34	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-29.66	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-45.24	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-29.69	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-44.84	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-29.46	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-45.12	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-29.84	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-44.05	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-28.71	PASS



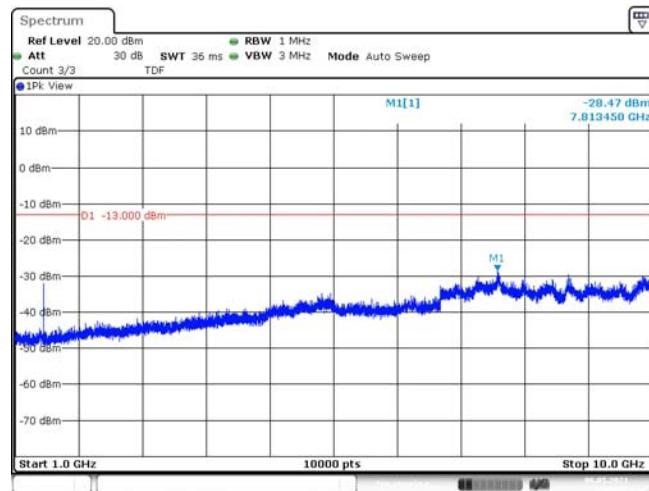
Test Graphs

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



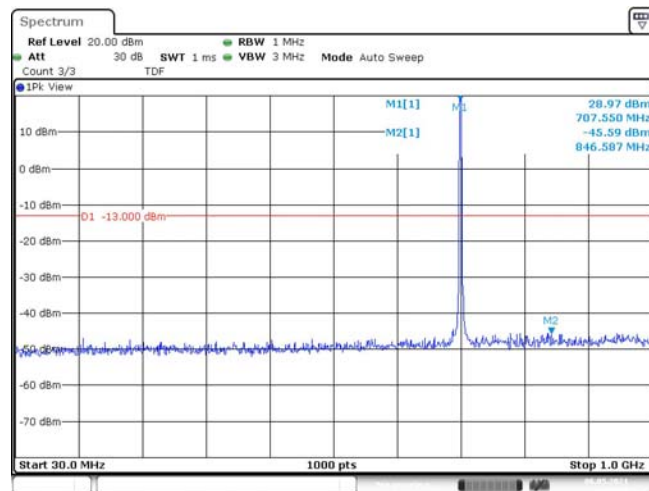
Date: 6.MAY.2021 16:06:31

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



Date: 6.MAY.2021 16:06:41

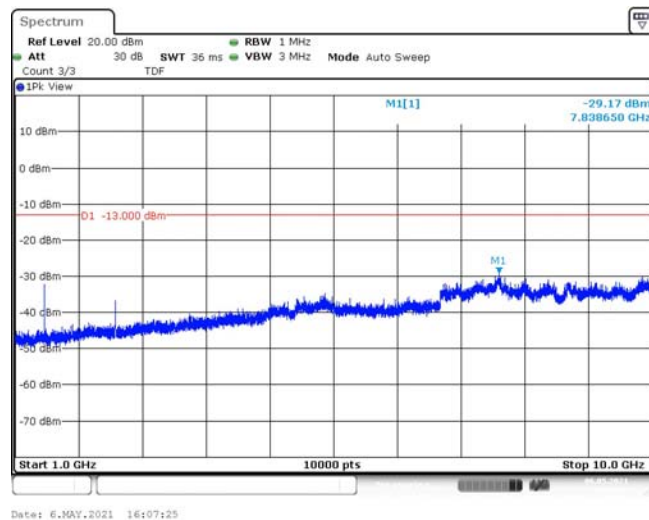
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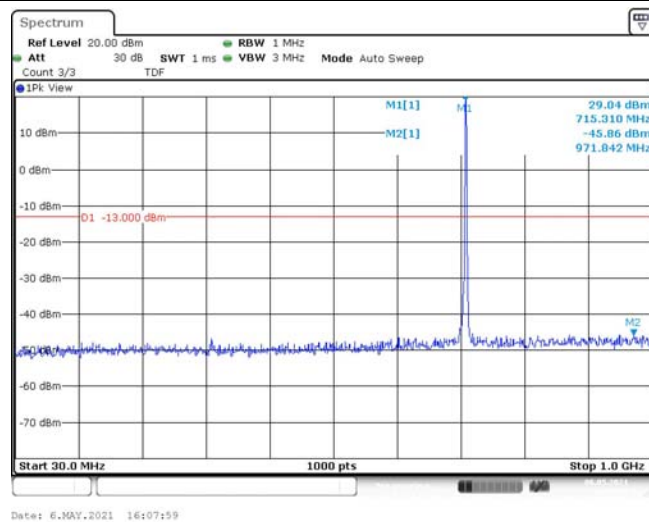
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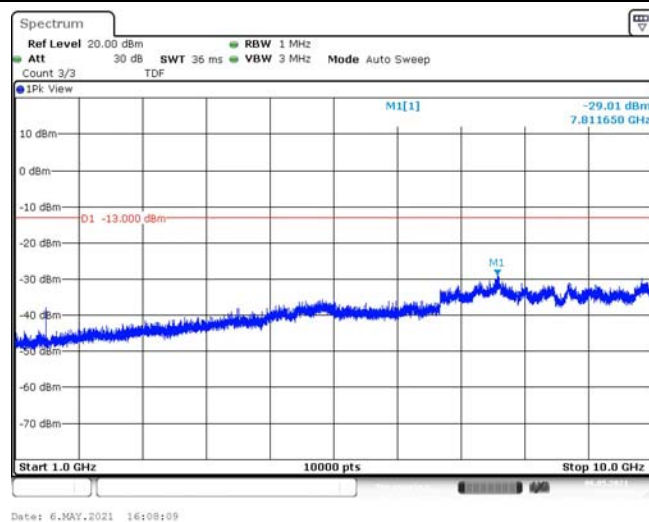
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Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz



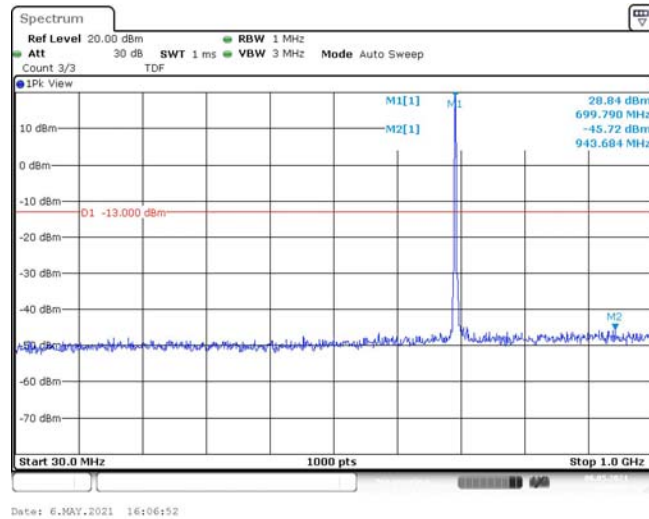
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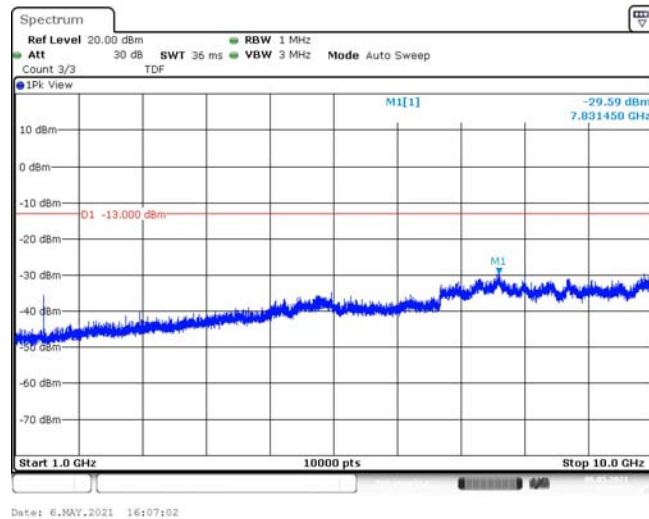
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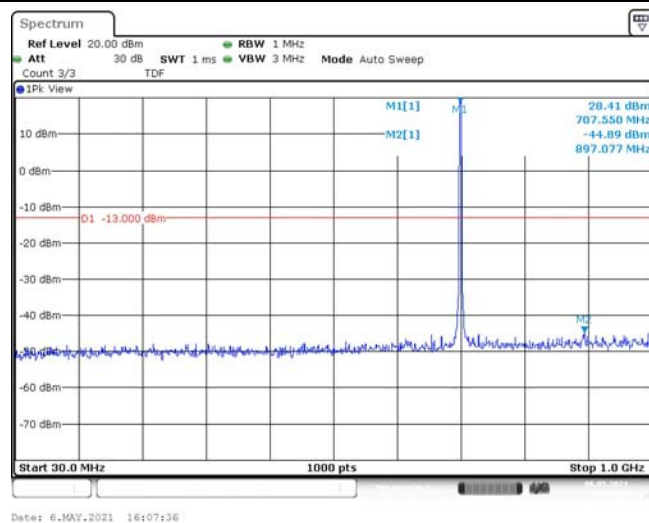
CTC Laboratories, Inc.



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



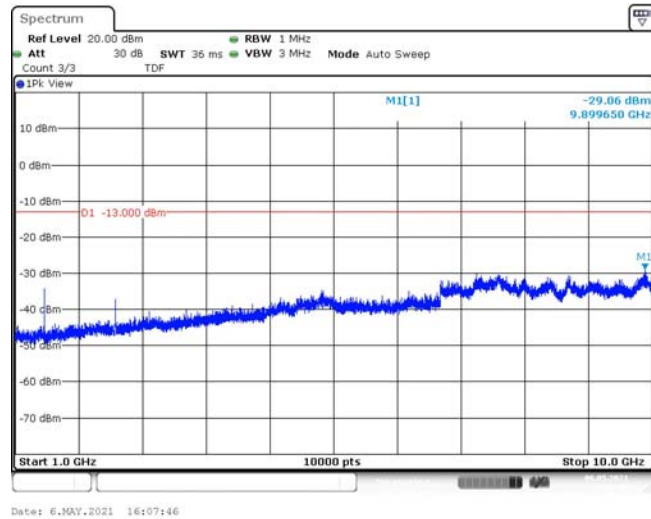
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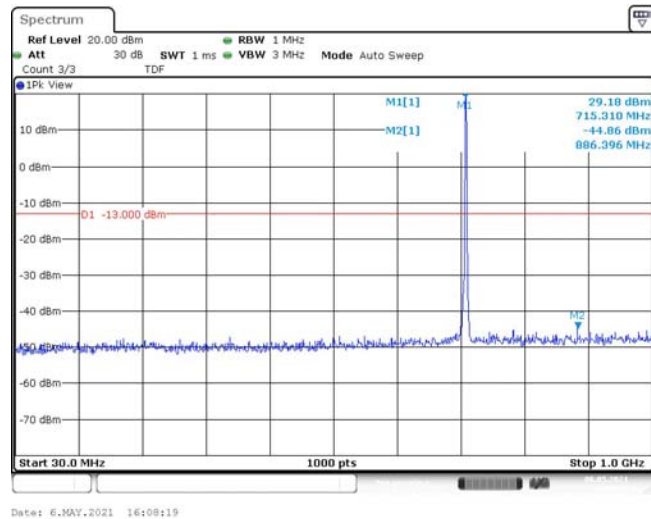
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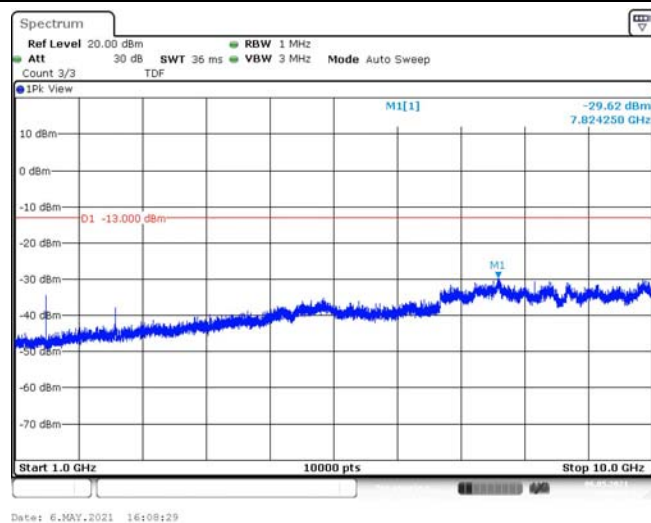
CTC Laboratories, Inc.



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



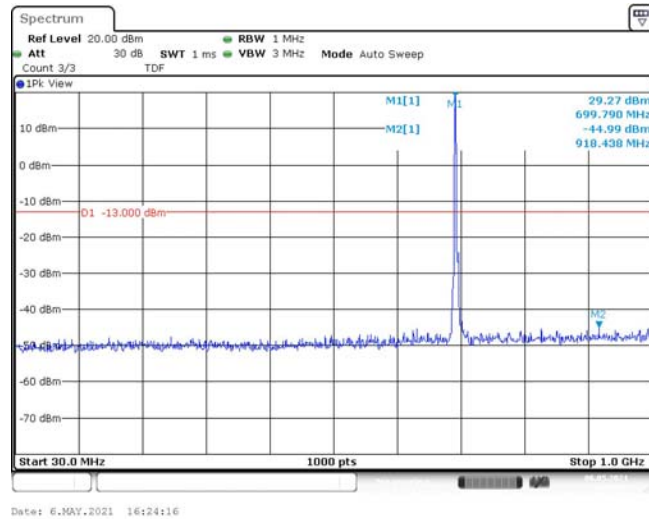
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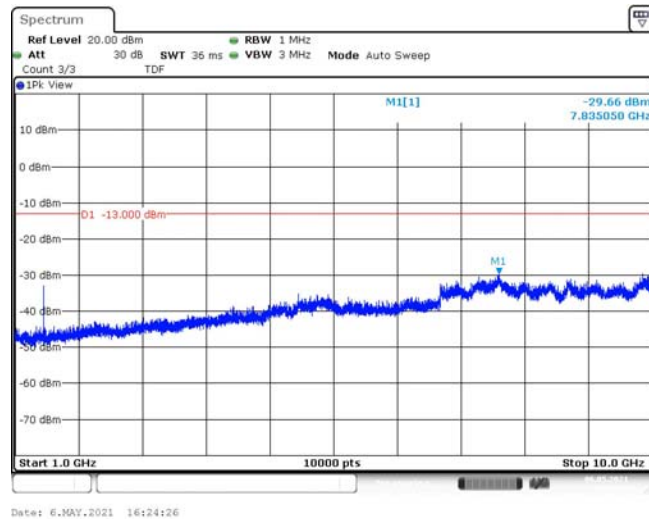
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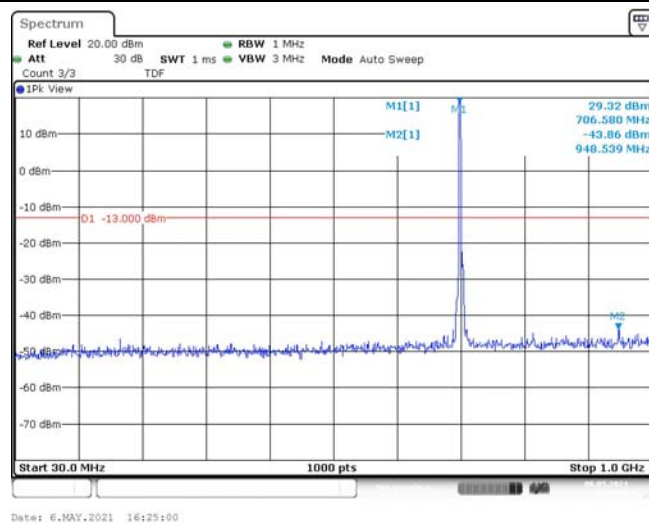
CTC Laboratories, Inc.



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



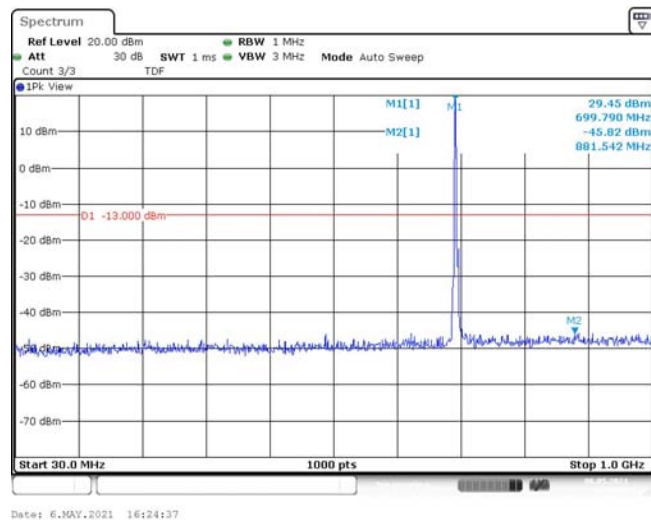
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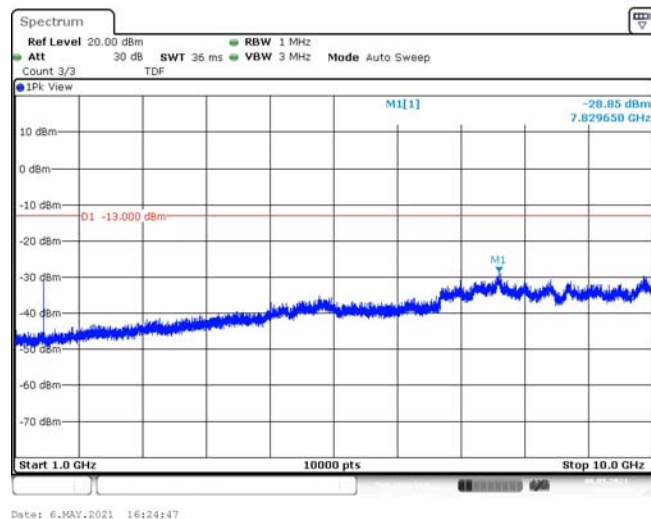
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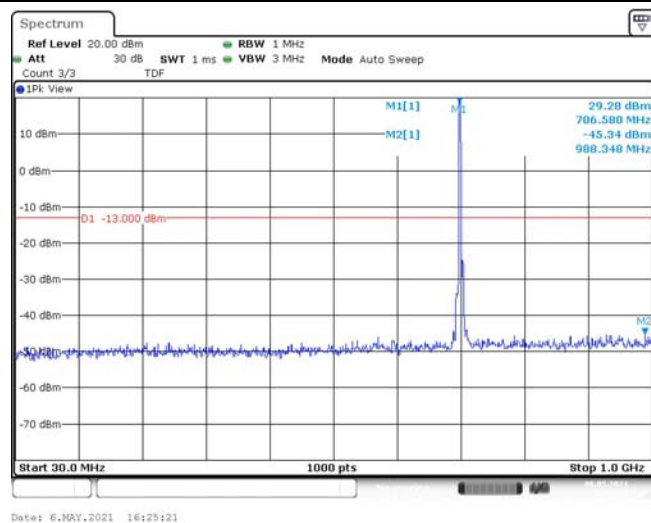
CTC Laboratories, Inc.



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



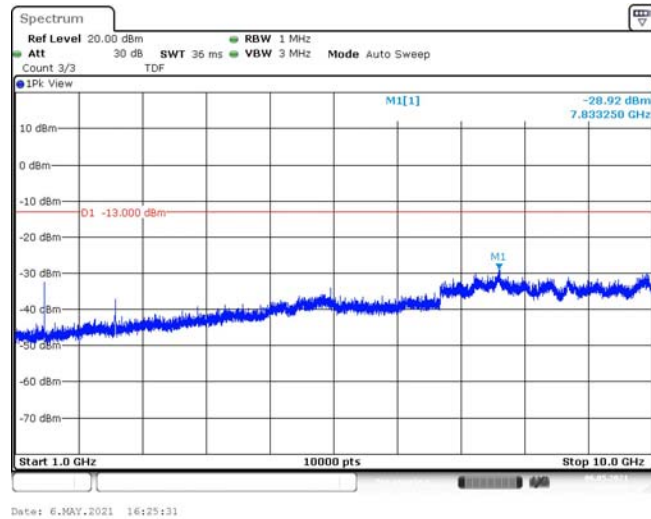
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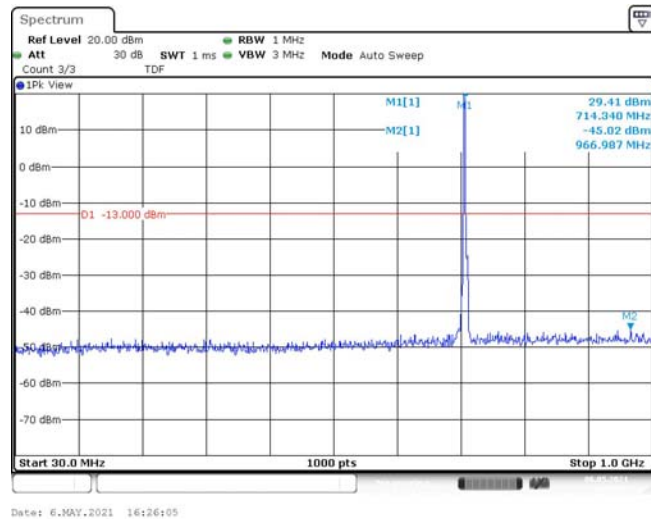


CTC Laboratories, Inc.



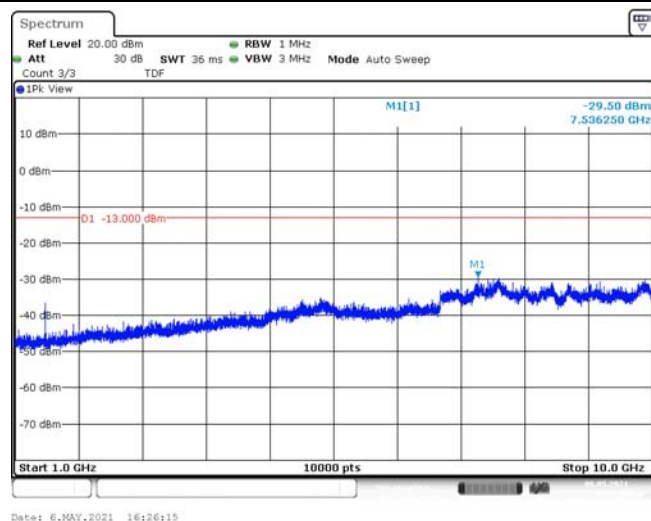
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Date: 6.MAY.2021 16:26:05

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

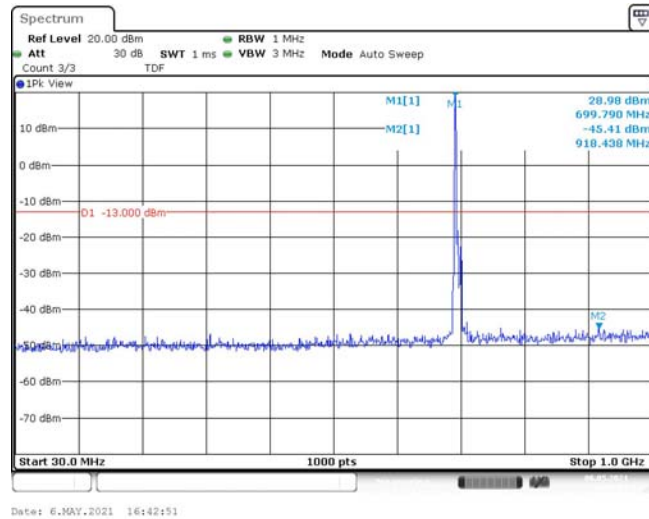


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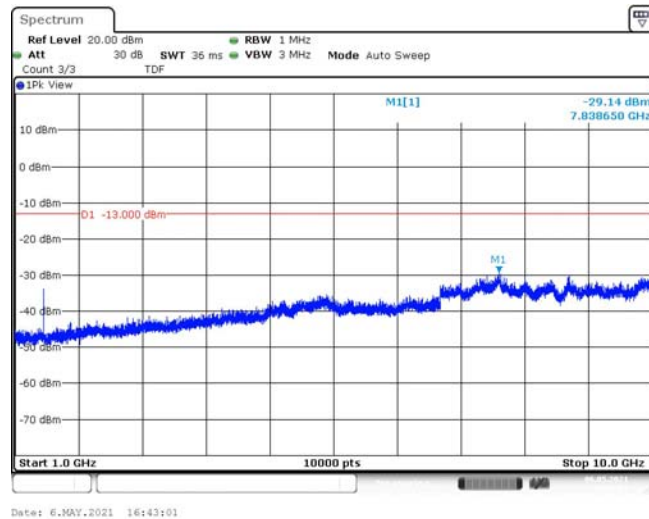
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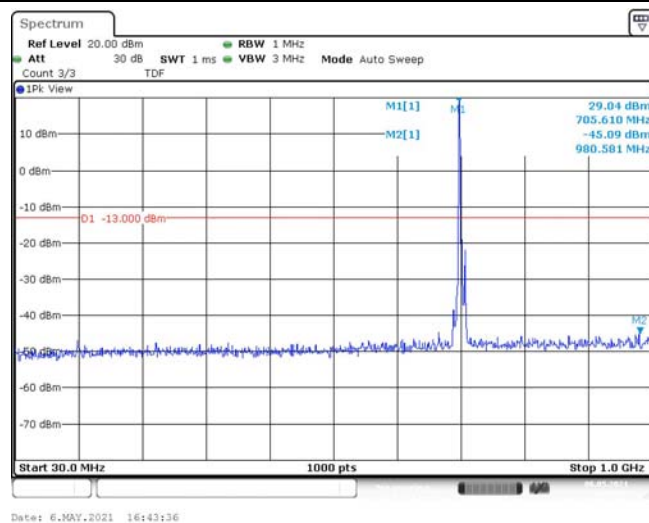
CTC Laboratories, Inc.



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



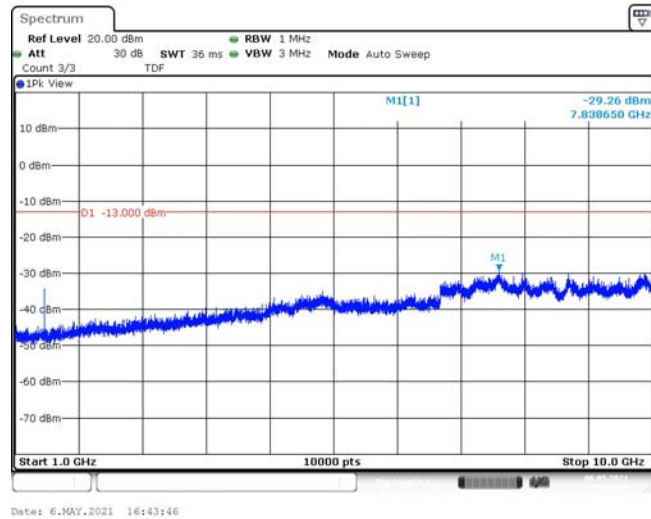
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Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz

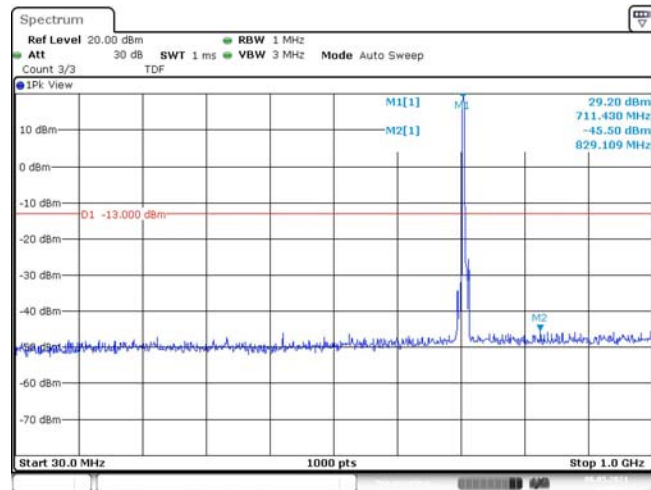


CTC Laboratories, Inc.



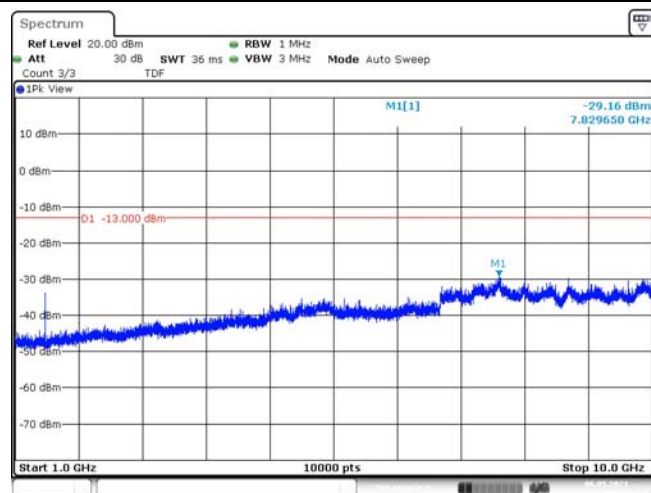
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Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz



Date: 6.MAY.2021 16:44:21

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

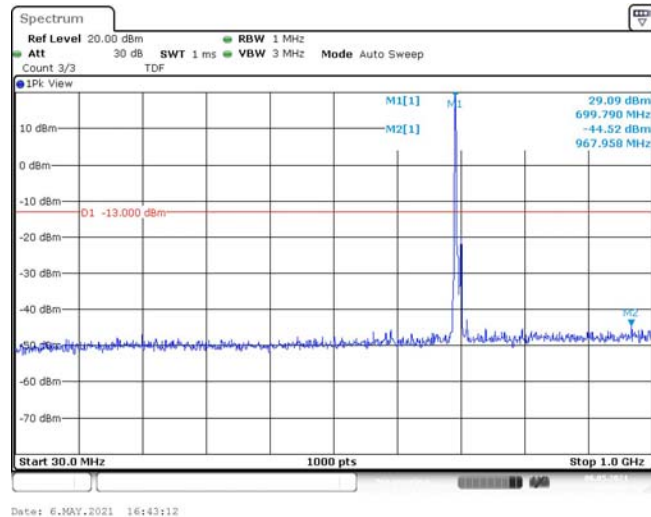


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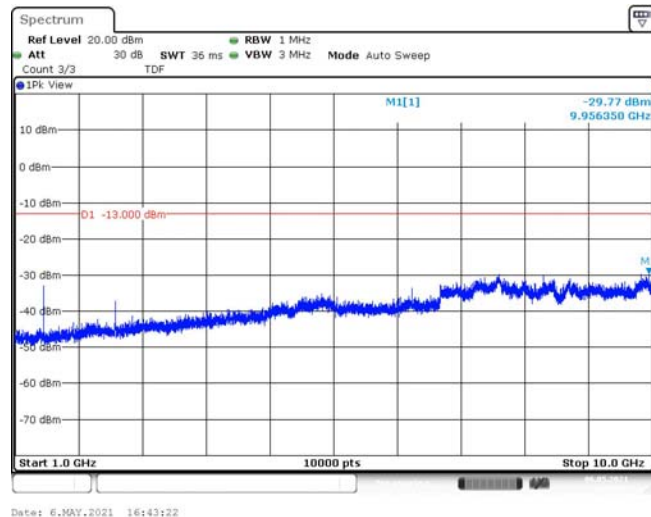
Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz



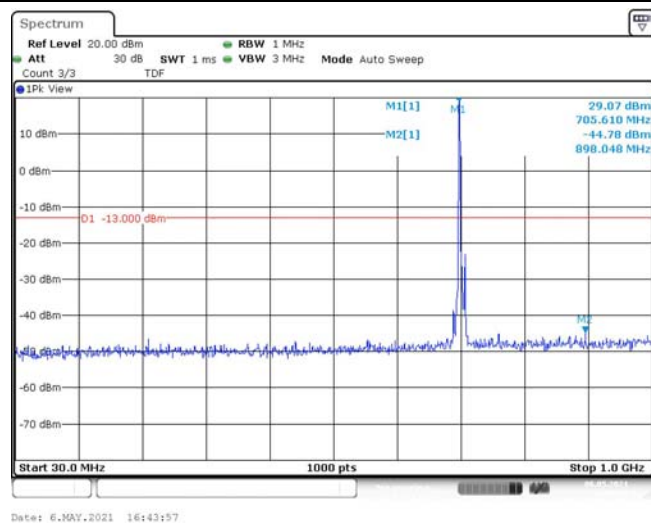
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Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~10000MHz



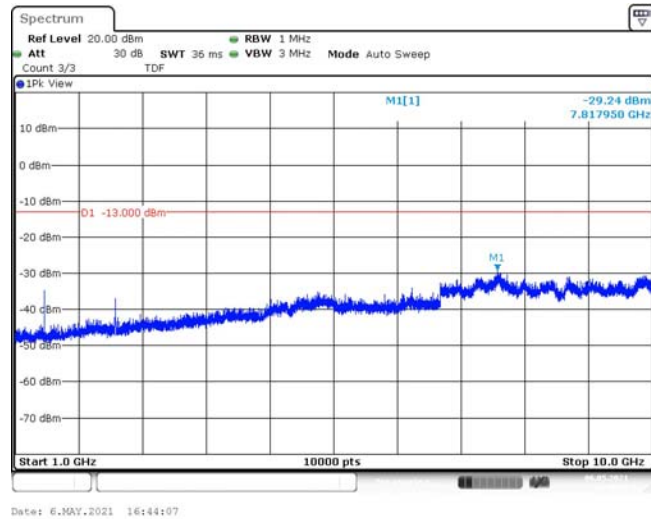
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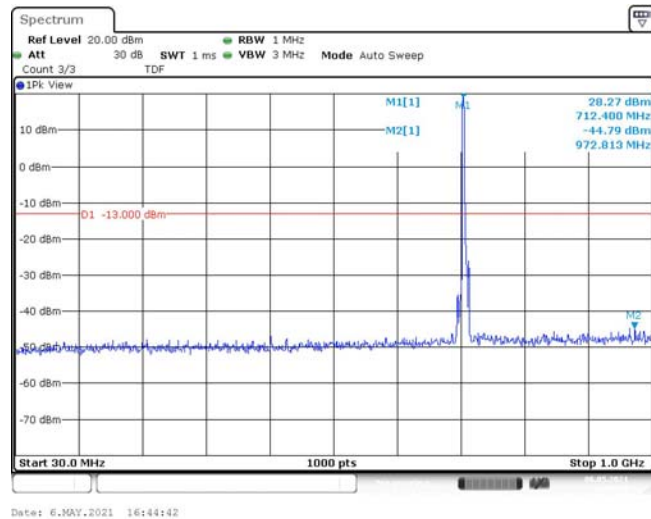
Band12-5MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



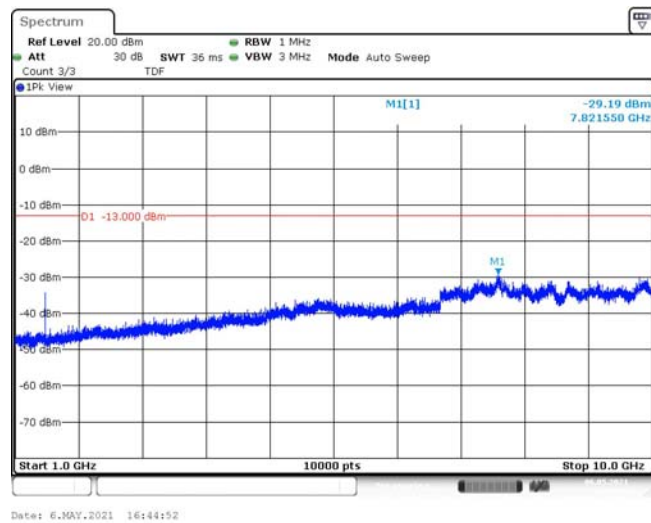
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Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz



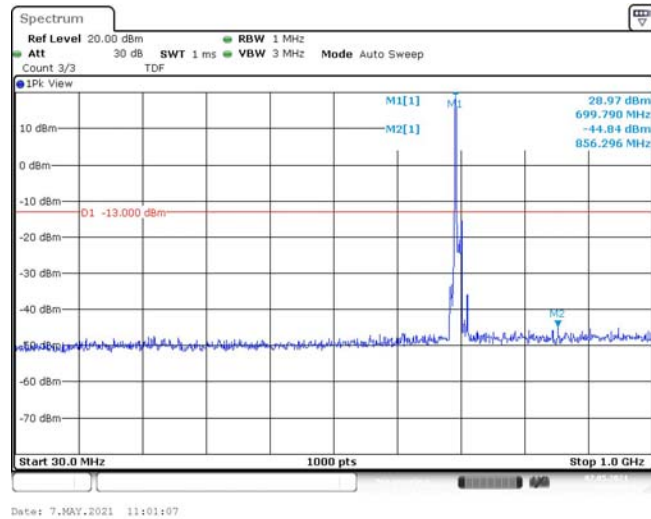
Band12-5MHz-16QAM-23155-1RB#0-Range2:1000~10000MHz



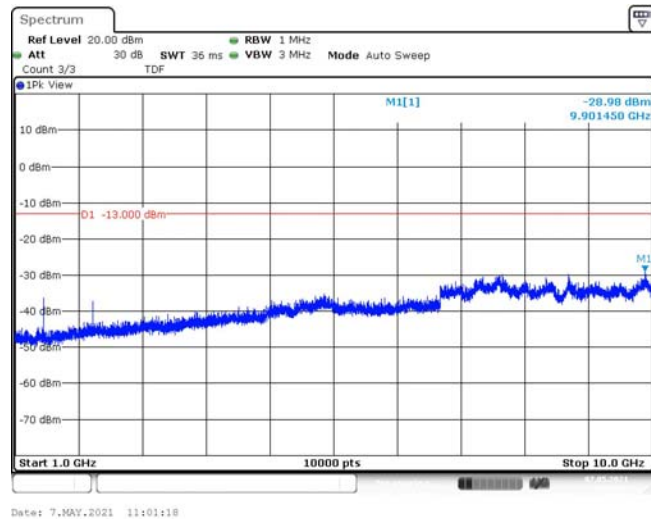
Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



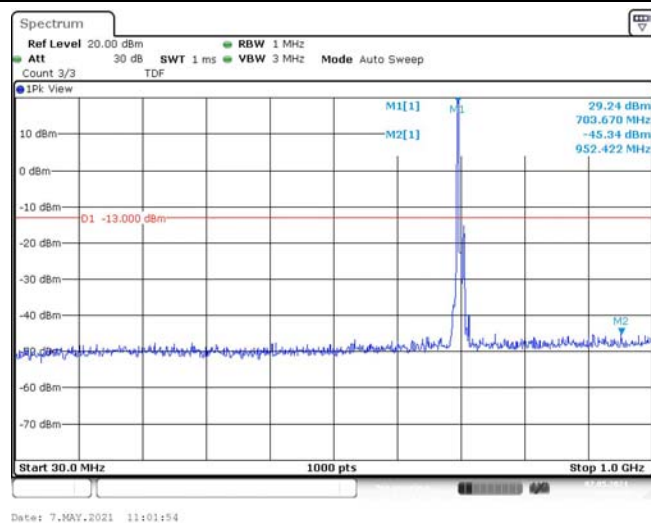
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Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



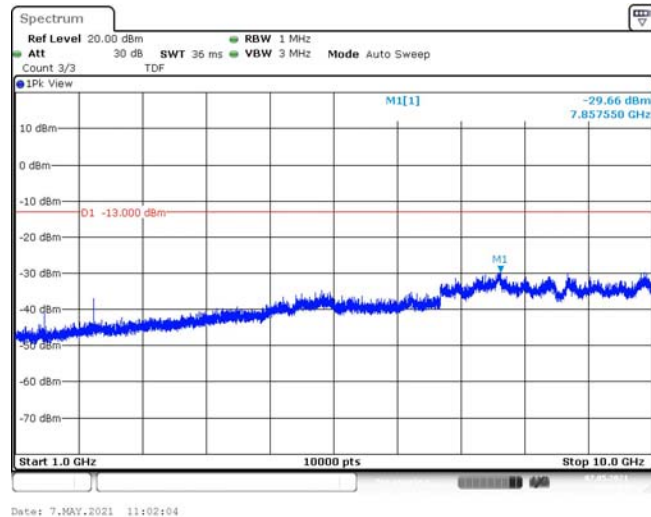
Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



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

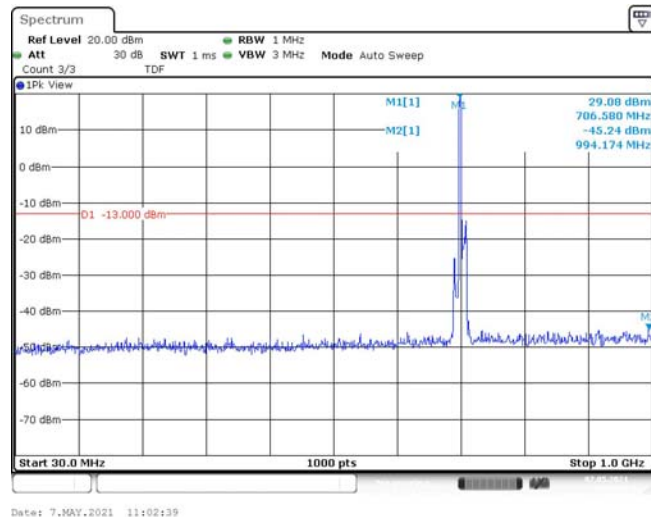


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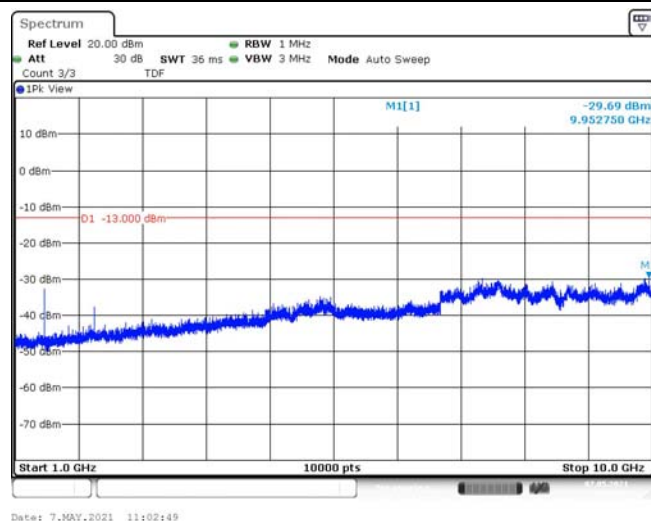
Date: 7.MAY.2021 11:02:04

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



Date: 7.MAY.2021 11:02:39

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

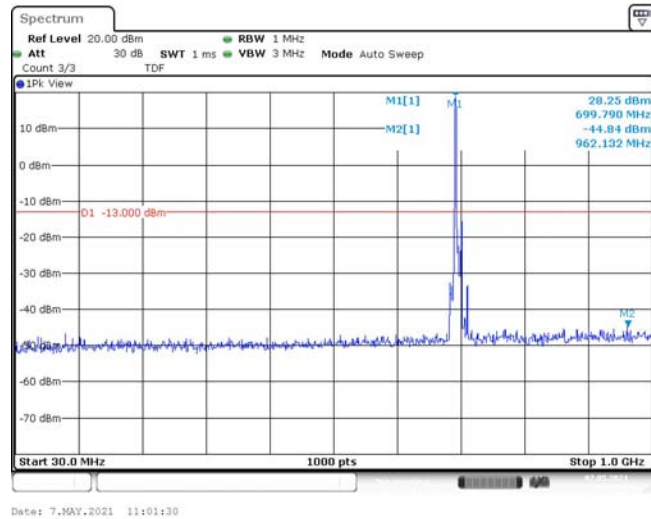


Date: 7.MAY.2021 11:02:49

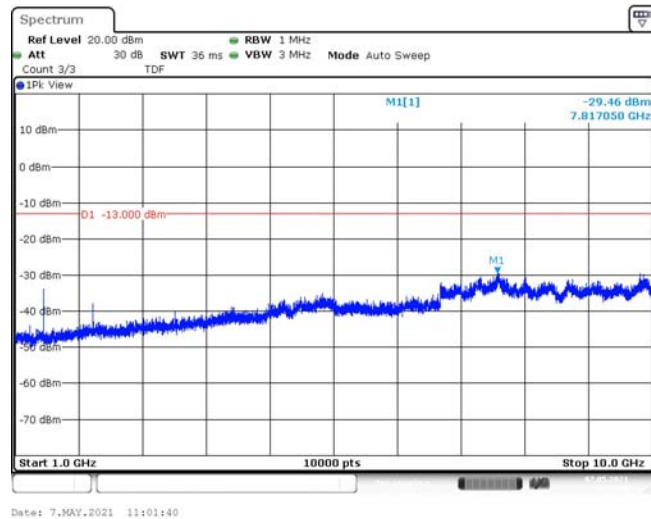
Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



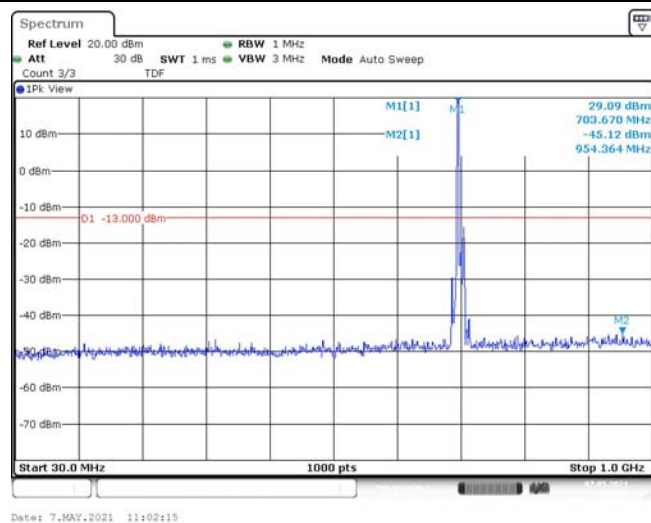
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Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



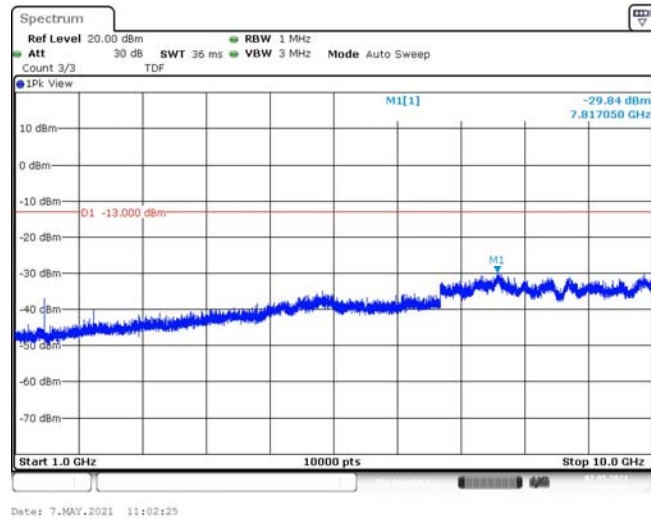
Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



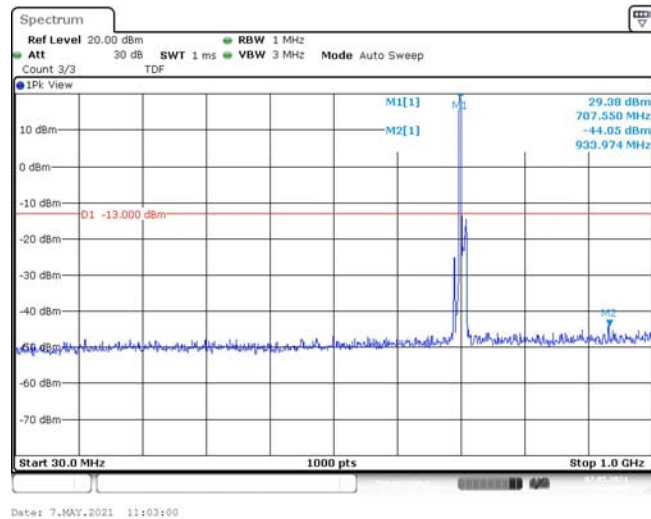
Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



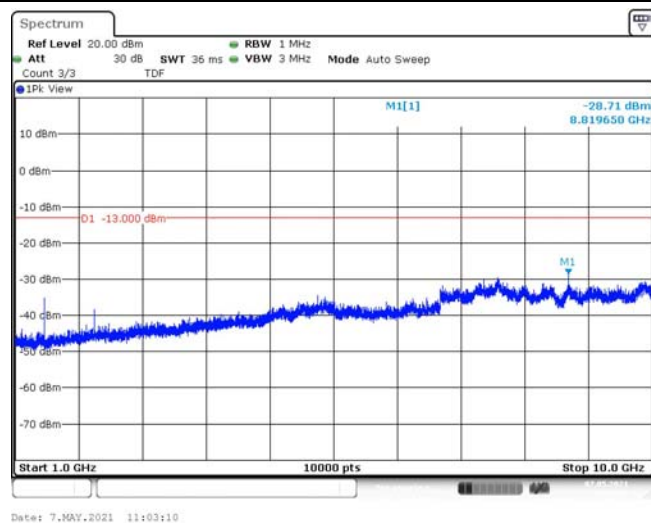
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Band12-10MHz-16QAM-23130-1RB#0-Range1:30~1000MHz



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





Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temp (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	VL	NT	-4.65	-0.006646	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VN	NT	-2.12	-0.003030	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VH	NT	-2.43	-0.003473	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	1.79	0.002530	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	-2.03	-0.002869	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	-3.12	-0.004410	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VL	NT	-2.53	-0.003537	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VN	NT	-2.85	-0.003984	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VH	NT	-0.83	-0.001160	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VL	NT	-2.86	-0.004087	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VN	NT	-1.92	-0.002744	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VH	NT	-2.32	-0.003316	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VL	NT	-2.32	-0.003279	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VN	NT	1.30	0.001837	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VH	NT	-2.63	-0.003717	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VL	NT	2.90	0.004054	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VN	NT	-1.92	-0.002684	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VH	NT	-2.06	-0.002880	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VL	NT	-2.45	-0.003498	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VN	NT	1.87	0.002670	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	VH	NT	1.43	0.002041	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VL	NT	-2.63	-0.003717	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VN	NT	-1.85	-0.002615	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	VH	NT	-2.39	-0.003378	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VL	NT	-1.06	-0.001484	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VN	NT	2.00	0.002799	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	VH	NT	2.46	0.003443	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VL	NT	1.99	0.002841	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VN	NT	-1.85	-0.002641	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	VH	NT	-2.15	-0.003069	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VL	NT	3.20	0.004523	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VN	NT	1.62	0.002290	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	VH	NT	2.35	0.003322	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VL	NT	2.39	0.003345	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VN	NT	-1.27	-0.001777	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	VH	NT	0.70	0.000980	±2.5	PASS



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Band12	5MHz	QPSK	23035	25RB#0	VL	NT	-1.85	-0.002637	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VN	NT	2.69	0.003835	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	VH	NT	1.63	0.002324	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VL	NT	-2.09	-0.002954	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VN	NT	-2.27	-0.003208	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	VH	NT	-1.83	-0.002587	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VL	NT	-2.03	-0.002845	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VN	NT	1.76	0.002467	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	VH	NT	-3.15	-0.004415	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VL	NT	-1.19	-0.001696	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VN	NT	-1.34	-0.001910	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	VH	NT	-1.72	-0.002452	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VL	NT	-1.80	-0.002544	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VN	NT	1.85	0.002615	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	VH	NT	1.13	0.001597	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VL	NT	-2.57	-0.003602	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VN	NT	-2.88	-0.004036	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	VH	NT	-2.49	-0.003490	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VL	NT	1.87	0.002656	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VN	NT	1.42	0.002017	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	VH	NT	1.77	0.002514	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VL	NT	-2.39	-0.003378	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VN	NT	-1.75	-0.002473	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	VH	NT	1.99	0.002813	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VL	NT	-2.62	-0.003685	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VN	NT	-2.06	-0.002897	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	VH	NT	-2.92	-0.004107	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VL	NT	-1.10	-0.001563	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VN	NT	1.27	0.001804	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	VH	NT	-1.32	-0.001875	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VL	NT	1.13	0.001597	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VN	NT	-2.78	-0.003929	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	VH	NT	-2.27	-0.003208	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VL	NT	-1.86	-0.002616	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VN	NT	-2.33	-0.003277	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	VH	NT	-3.06	-0.004304	±2.5	PASS



Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temp (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-30	-2.25	-0.003216	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	-1.99	-0.002844	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-10	-3.15	-0.004502	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	-2.27	-0.003244	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	-1.54	-0.002201	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	-4.31	-0.006160	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	30	-1.67	-0.002387	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	40	-2.39	-0.003416	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	50	-3.10	-0.004430	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	-1.82	-0.002572	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	-2.72	-0.003845	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-10	-1.92	-0.002714	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-2.46	-0.003477	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	-2.66	-0.003760	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	-2.47	-0.003491	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	30	2.56	0.003618	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	40	-2.17	-0.003067	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	50	1.76	0.002488	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-30	-3.18	-0.004446	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-20	-2.29	-0.003201	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-10	-1.43	-0.001999	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	-0.89	-0.001244	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	1.29	0.001803	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	-2.25	-0.003146	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	30	1.75	0.002447	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	40	-2.00	-0.002796	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	50	3.15	0.004404	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-30	-2.66	-0.003802	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-20	-1.99	-0.002844	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-10	-3.05	-0.004359	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	0	-4.68	-0.006689	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	10	-3.42	-0.004888	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	20	-3.13	-0.004473	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	30	-3.45	-0.004931	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	40	-3.29	-0.004702	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	50	-1.59	-0.002272	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-30	-3.03	-0.004283	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-20	-1.43	-0.002021	±2.5	PASS



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Band12	1.4MHz	16QAM	23095	6RB#0	NV	-10	-2.49	-0.003519	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	0	1.39	0.001965	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	10	-2.69	-0.003802	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	20	-2.66	-0.003760	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	30	-1.56	-0.002205	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	40	2.00	0.002827	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	50	1.79	0.002530	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-30	1.30	0.001817	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-20	-2.46	-0.003439	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-10	-1.76	-0.002461	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	0	2.05	0.002866	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	10	-1.75	-0.002447	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	20	1.72	0.002405	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	30	3.29	0.004599	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	40	-2.17	-0.003034	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	50	2.35	0.003285	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-30	3.43	0.004897	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-20	2.27	0.003241	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	-10	-2.42	-0.003455	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	0	-2.02	-0.002884	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	10	2.95	0.004211	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	20	-2.40	-0.003426	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	30	-1.22	-0.001742	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	40	-1.52	-0.002170	±2.5	PASS
Band12	3MHz	QPSK	23025	15RB#0	NV	50	0.96	0.001370	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-30	-1.79	-0.002530	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-20	-2.30	-0.003251	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	-10	-3.13	-0.004424	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	0	-2.98	-0.004212	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	10	-2.75	-0.003887	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	20	-2.65	-0.003746	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	30	-1.86	-0.002629	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	40	-1.86	-0.002629	±2.5	PASS
Band12	3MHz	QPSK	23095	15RB#0	NV	50	-1.49	-0.002106	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-30	1.13	0.001582	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-20	1.76	0.002463	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	-10	-1.72	-0.002407	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	0	-2.19	-0.003065	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	10	-3.19	-0.004465	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	20	-3.13	-0.004381	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	30	1.60	0.002239	±2.5	PASS



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Band12	3MHz	QPSK	23165	15RB#0	NV	40	1.75	0.002449	±2.5	PASS
Band12	3MHz	QPSK	23165	15RB#0	NV	50	2.53	0.003541	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-30	-2.82	-0.004026	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-20	-2.85	-0.004069	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	-10	1.99	0.002841	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	0	-2.42	-0.003455	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	10	-1.99	-0.002841	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	20	2.10	0.002998	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	30	-2.36	-0.003369	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	40	3.45	0.004925	±2.5	PASS
Band12	3MHz	16QAM	23025	15RB#0	NV	50	-2.02	-0.002884	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-30	-1.66	-0.002346	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-20	2.36	0.003336	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	-10	-2.05	-0.002898	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	0	-2.30	-0.003251	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	10	-2.92	-0.004127	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	20	-3.60	-0.005088	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	30	-2.10	-0.002968	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	40	-2.45	-0.003463	±2.5	PASS
Band12	3MHz	16QAM	23095	15RB#0	NV	50	-2.06	-0.002912	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-30	-2.49	-0.003485	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-20	-3.06	-0.004283	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	-10	-1.67	-0.002337	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	0	-2.47	-0.003457	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	10	-1.97	-0.002757	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	20	-3.29	-0.004605	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	30	-1.53	-0.002141	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	40	-1.59	-0.002225	±2.5	PASS
Band12	3MHz	16QAM	23165	15RB#0	NV	50	-3.19	-0.004465	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-30	2.05	0.002922	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-20	-2.95	-0.004205	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	-10	-1.46	-0.002081	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	0	-1.10	-0.001568	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	10	-2.22	-0.003165	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	20	1.60	0.002281	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	30	1.36	0.001939	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	40	0.79	0.001126	±2.5	PASS
Band12	5MHz	QPSK	23035	25RB#0	NV	50	3.86	0.005502	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-30	-3.60	-0.005088	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-20	2.36	0.003336	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	-10	-2.37	-0.003350	±2.5	PASS



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Band12	5MHz	QPSK	23095	25RB#0	NV	0	-3.19	-0.004509	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	10	-3.66	-0.005173	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	20	-2.78	-0.003929	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	30	-2.37	-0.003350	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	40	-2.09	-0.002954	±2.5	PASS
Band12	5MHz	QPSK	23095	25RB#0	NV	50	2.09	0.002954	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-30	-1.30	-0.001822	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-20	1.56	0.002186	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	-10	-1.60	-0.002242	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	0	-1.85	-0.002593	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	10	-3.18	-0.004457	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	20	-2.57	-0.003602	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	30	-2.15	-0.003013	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	40	1.65	0.002313	±2.5	PASS
Band12	5MHz	QPSK	23155	25RB#0	NV	50	-2.06	-0.002887	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-30	-3.23	-0.004604	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-20	2.80	0.003991	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	-10	-2.72	-0.003877	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	0	-2.88	-0.004105	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	10	-1.69	-0.002409	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	20	-3.81	-0.005431	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	30	-2.05	-0.002922	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	40	-1.99	-0.002837	±2.5	PASS
Band12	5MHz	16QAM	23035	25RB#0	NV	50	-3.95	-0.005631	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-30	2.03	0.002869	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-20	-0.63	-0.000890	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	-10	2.17	0.003067	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	0	-2.22	-0.003138	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	10	1.92	0.002714	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	20	1.75	0.002473	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	30	-4.48	-0.006332	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	40	-3.12	-0.004410	±2.5	PASS
Band12	5MHz	16QAM	23095	25RB#0	NV	50	-1.46	-0.002064	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-30	-2.22	-0.003111	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-20	-1.77	-0.002481	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	-10	2.20	0.003083	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	0	2.43	0.003406	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	10	1.69	0.002369	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	20	-2.68	-0.003756	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	30	-2.98	-0.004177	±2.5	PASS
Band12	5MHz	16QAM	23155	25RB#0	NV	40	2.72	0.003812	±2.5	PASS



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Band12	5MHz	16QAM	23155	25RB#0	NV	50	-2.72	-0.003812	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-30	-1.27	-0.001804	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-20	1.37	0.001946	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	-10	2.80	0.003977	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	0	-1.86	-0.002642	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	10	1.56	0.002216	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	20	1.57	0.002230	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	30	-1.89	-0.002685	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	40	-1.39	-0.001974	±2.5	PASS
Band12	10MHz	QPSK	23060	50RB#0	NV	50	1.34	0.001903	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-30	-1.95	-0.002756	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-20	-1.99	-0.002813	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	-10	-3.98	-0.005625	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	0	-2.85	-0.004028	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	10	-2.72	-0.003845	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	20	-3.48	-0.004919	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	30	2.75	0.003887	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	40	-1.65	-0.002332	±2.5	PASS
Band12	10MHz	QPSK	23095	50RB#0	NV	50	-1.54	-0.002177	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-30	-3.96	-0.005570	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-20	-3.43	-0.004824	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	-10	-4.42	-0.006217	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	0	-2.76	-0.003882	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	10	-3.55	-0.004993	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	20	-3.40	-0.004782	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	30	-5.59	-0.007862	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	40	-2.49	-0.003502	±2.5	PASS
Band12	10MHz	QPSK	23130	50RB#0	NV	50	-3.32	-0.004669	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-30	-2.36	-0.003352	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-20	-1.65	-0.002344	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	-10	-1.17	-0.001662	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	0	1.22	0.001733	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	10	-3.03	-0.004304	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	20	-1.36	-0.001932	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	30	-1.70	-0.002415	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	40	2.22	0.003153	±2.5	PASS
Band12	10MHz	16QAM	23060	50RB#0	NV	50	1.75	0.002486	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-30	-1.36	-0.001922	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-20	-1.80	-0.002544	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	-10	-1.36	-0.001922	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	0	1.17	0.001654	±2.5	PASS



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Band12	10MHz	16QAM	23095	50RB#0	NV	10	-3.32	-0.004693	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	20	-2.86	-0.004042	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	30	-1.76	-0.002488	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	40	-1.40	-0.001979	±2.5	PASS
Band12	10MHz	16QAM	23095	50RB#0	NV	50	-1.72	-0.002431	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-30	-3.59	-0.005049	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-20	-2.72	-0.003826	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	-10	-2.10	-0.002954	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	0	-5.09	-0.007159	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	10	-2.60	-0.003657	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	20	-2.99	-0.004205	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	30	-1.53	-0.002152	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	40	-2.17	-0.003052	±2.5	PASS
Band12	10MHz	16QAM	23130	50RB#0	NV	50	-1.54	-0.002166	±2.5	PASS