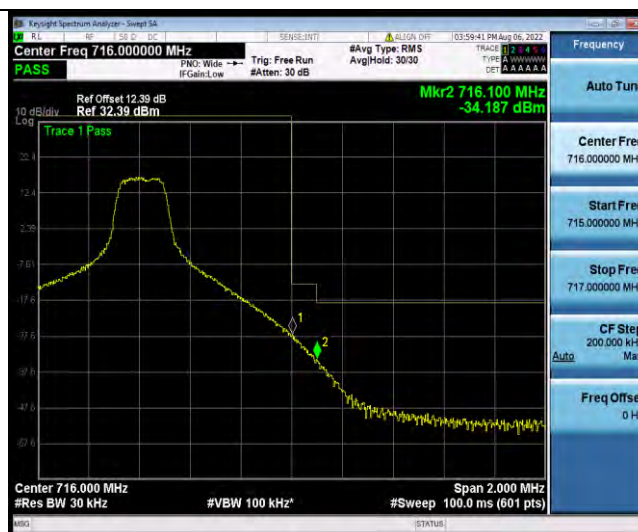
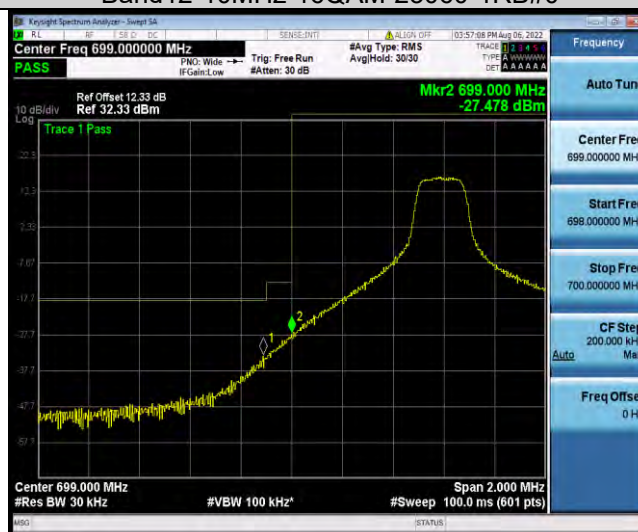




Band12-10MHz-QPSK-23130-50RB#0



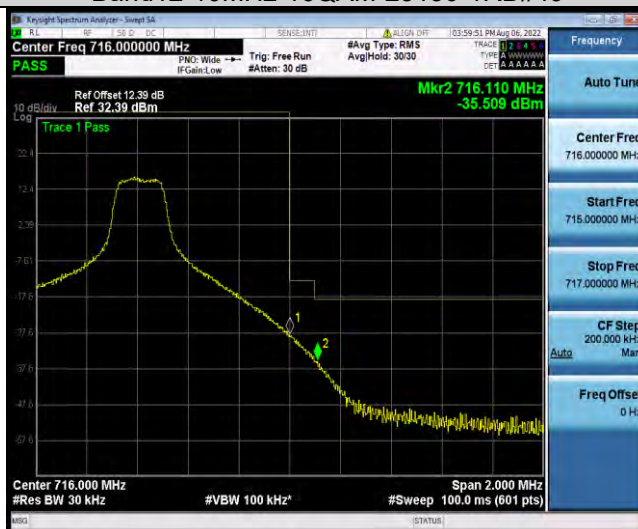
Band12-10MHz-16QAM-23060-1RB#0



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



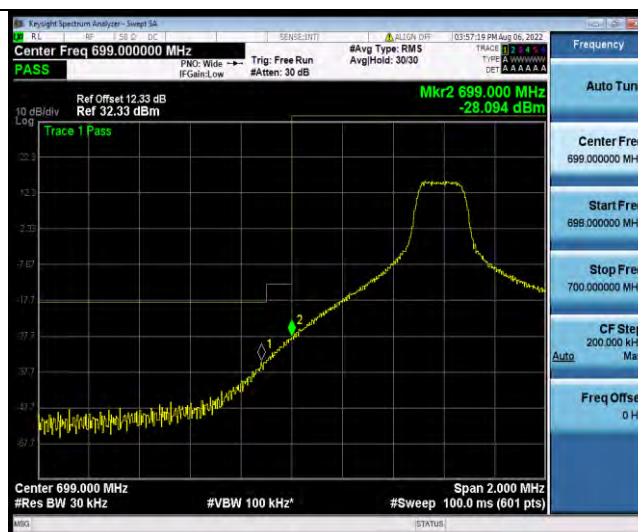
Band12-10MHz-16QAM-23130-1RB#49



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



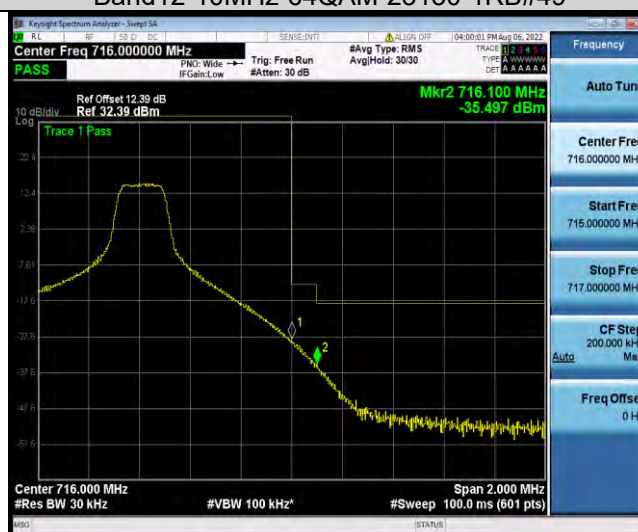
Band12-10MHz-64QAM-23060-1RB#0



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



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



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



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Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	Range1:30~1000MHz	-39.17	PASS
Band12	1.4MHz	QPSK	23017	1RB#0	Range2:1000~10000MHz	-33.54	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-38.92	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.14	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range1:30~1000MHz	-40.09	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	Range2:1000~10000MHz	-34.6	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range1:30~1000MHz	-39.54	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	Range2:1000~10000MHz	-33.99	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-39.9	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.33	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range1:30~1000MHz	-39.27	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	Range2:1000~10000MHz	-33.55	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	Range1:30~1000MHz	-39.76	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	Range2:1000~10000MHz	-34.83	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-39.76	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-33.95	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	Range1:30~1000MHz	-39.97	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	Range2:1000~10000MHz	-34.61	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range1:30~1000MHz	-39.72	PASS
Band12	3MHz	QPSK	23025	1RB#0	Range2:1000~10000MHz	-34.07	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.32	PASS
Band12	3MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-33.85	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range1:30~1000MHz	-39.86	PASS
Band12	3MHz	QPSK	23165	1RB#0	Range2:1000~10000MHz	-33.69	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range1:30~1000MHz	-39.6	PASS
Band12	3MHz	16QAM	23025	1RB#0	Range2:1000~10000MHz	-33.66	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-39.37	PASS
Band12	3MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range1:30~1000MHz	-39.63	PASS
Band12	3MHz	16QAM	23165	1RB#0	Range2:1000~10000MHz	-33.34	PASS
Band12	3MHz	64QAM	23025	1RB#0	Range1:30~1000MHz	-39.47	PASS
Band12	3MHz	64QAM	23025	1RB#0	Range2:1000~10000MHz	-33.6	PASS
Band12	3MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-39.68	PASS
Band12	3MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-34.44	PASS
Band12	3MHz	64QAM	23165	1RB#0	Range1:30~1000MHz	-39.54	PASS
Band12	3MHz	64QAM	23165	1RB#0	Range2:1000~10000MHz	-34.15	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range1:30~1000MHz	-39.73	PASS
Band12	5MHz	QPSK	23035	1RB#0	Range2:1000~10000MHz	-34.57	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.79	PASS
Band12	5MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.42	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range1:30~1000MHz	-39.13	PASS
Band12	5MHz	QPSK	23155	1RB#0	Range2:1000~10000MHz	-33.71	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range1:30~1000MHz	-39.01	PASS
Band12	5MHz	16QAM	23035	1RB#0	Range2:1000~10000MHz	-34.33	PASS

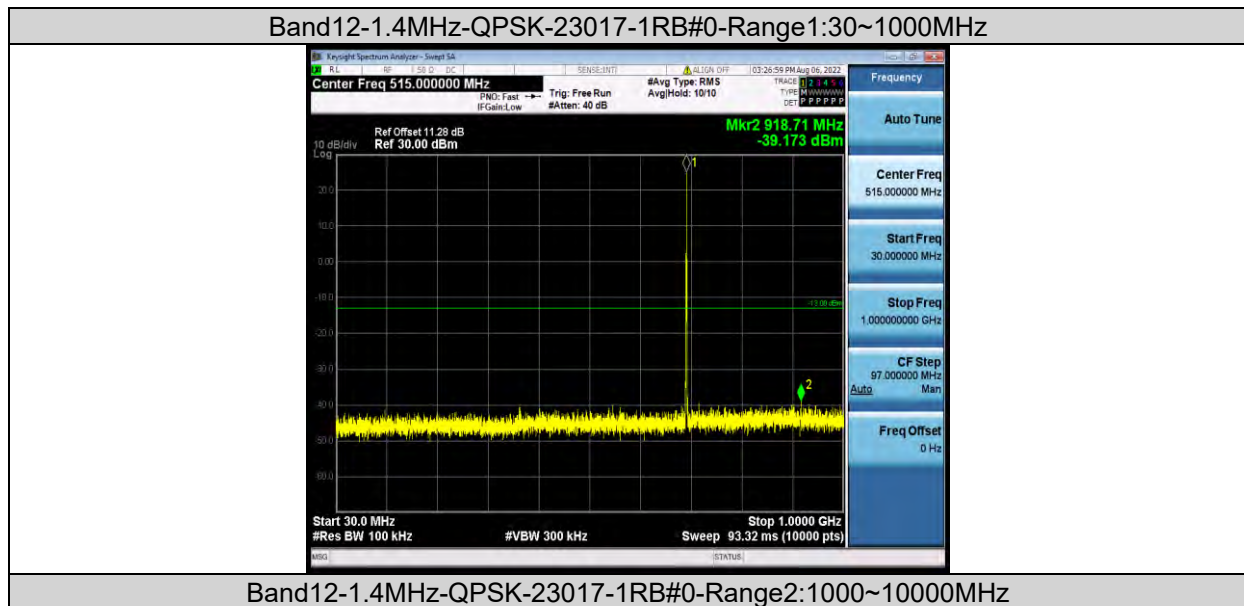


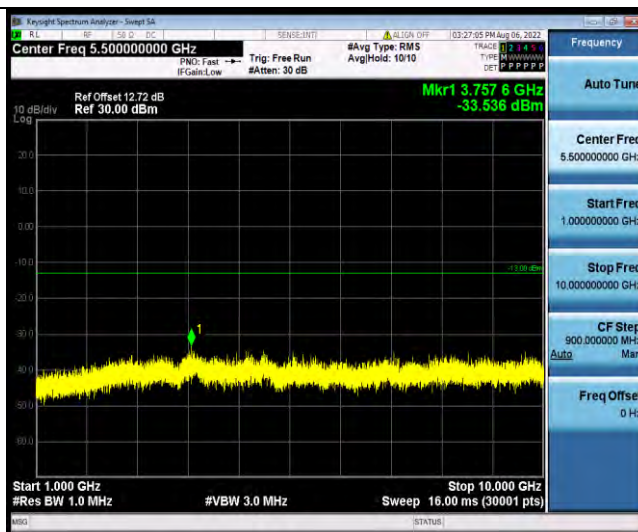
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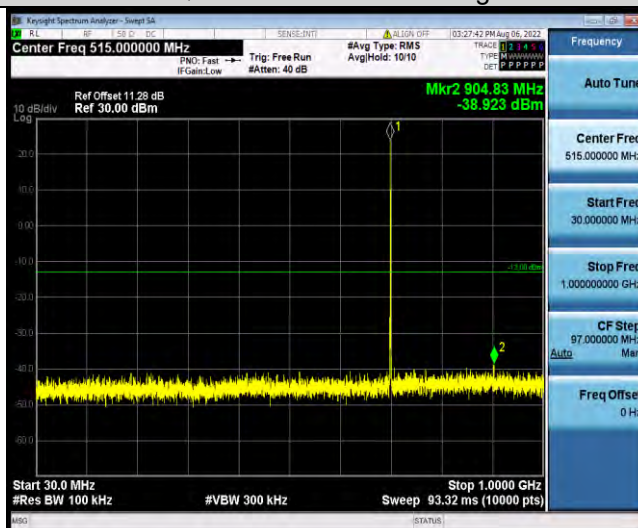
Band12	5MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-39.5	PASS
Band12	5MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-34.18	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range1:30~1000MHz	-39.51	PASS
Band12	5MHz	16QAM	23155	1RB#0	Range2:1000~10000MHz	-34.5	PASS
Band12	5MHz	64QAM	23035	1RB#0	Range1:30~1000MHz	-39.8	PASS
Band12	5MHz	64QAM	23035	1RB#0	Range2:1000~10000MHz	-33.92	PASS
Band12	5MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-39.53	PASS
Band12	5MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-33.95	PASS
Band12	5MHz	64QAM	23155	1RB#0	Range1:30~1000MHz	-39.51	PASS
Band12	5MHz	64QAM	23155	1RB#0	Range2:1000~10000MHz	-33.97	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range1:30~1000MHz	-38.99	PASS
Band12	10MHz	QPSK	23060	1RB#0	Range2:1000~10000MHz	-34.16	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range1:30~1000MHz	-39.55	PASS
Band12	10MHz	QPSK	23095	1RB#0	Range2:1000~10000MHz	-34.62	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range1:30~1000MHz	-39.06	PASS
Band12	10MHz	QPSK	23130	1RB#0	Range2:1000~10000MHz	-33.97	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range1:30~1000MHz	-38.83	PASS
Band12	10MHz	16QAM	23060	1RB#0	Range2:1000~10000MHz	-32.91	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range1:30~1000MHz	-39.75	PASS
Band12	10MHz	16QAM	23095	1RB#0	Range2:1000~10000MHz	-33.91	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range1:30~1000MHz	-39.08	PASS
Band12	10MHz	16QAM	23130	1RB#0	Range2:1000~10000MHz	-34.8	PASS
Band12	10MHz	64QAM	23060	1RB#0	Range1:30~1000MHz	-38.99	PASS
Band12	10MHz	64QAM	23060	1RB#0	Range2:1000~10000MHz	-33.38	PASS
Band12	10MHz	64QAM	23095	1RB#0	Range1:30~1000MHz	-39.37	PASS
Band12	10MHz	64QAM	23095	1RB#0	Range2:1000~10000MHz	-34.14	PASS
Band12	10MHz	64QAM	23130	1RB#0	Range1:30~1000MHz	-39.68	PASS
Band12	10MHz	64QAM	23130	1RB#0	Range2:1000~10000MHz	-34.32	PASS

Test Graphs

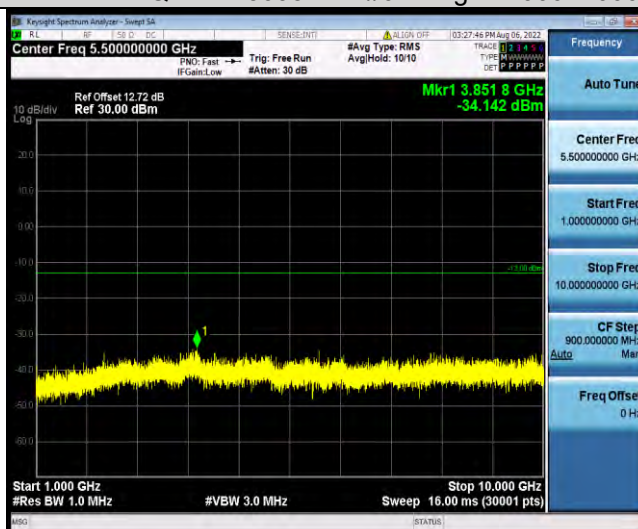




Band12-1.4MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



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

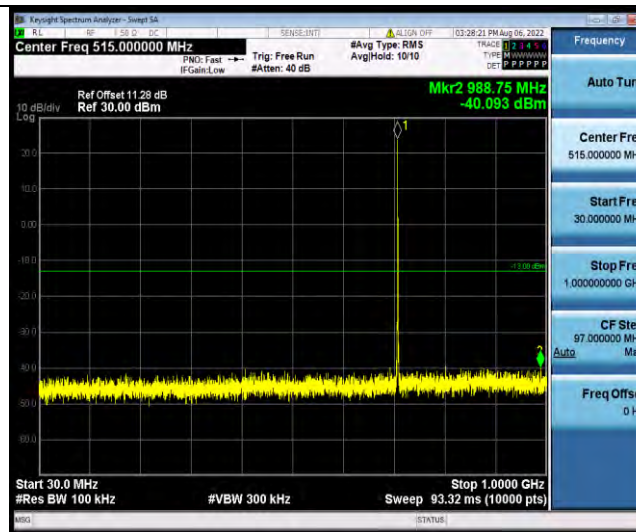


Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz

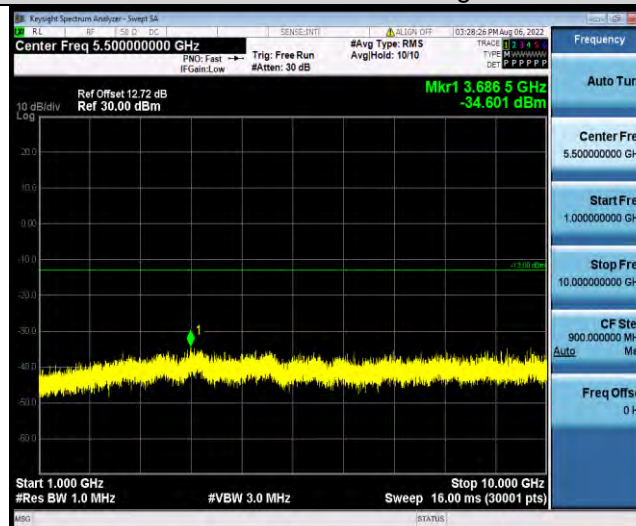


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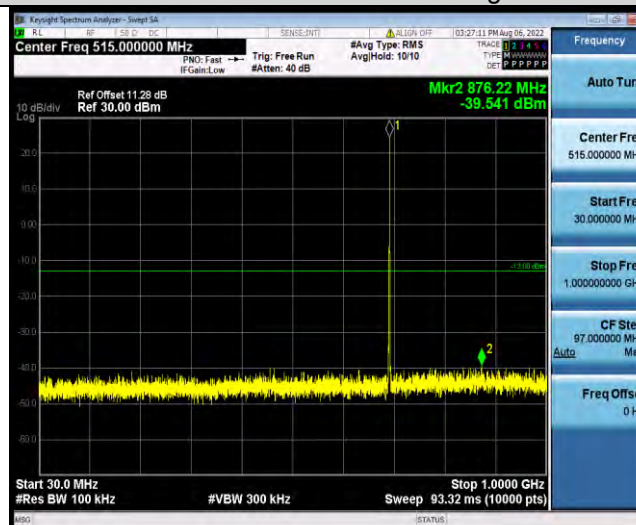
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Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz



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

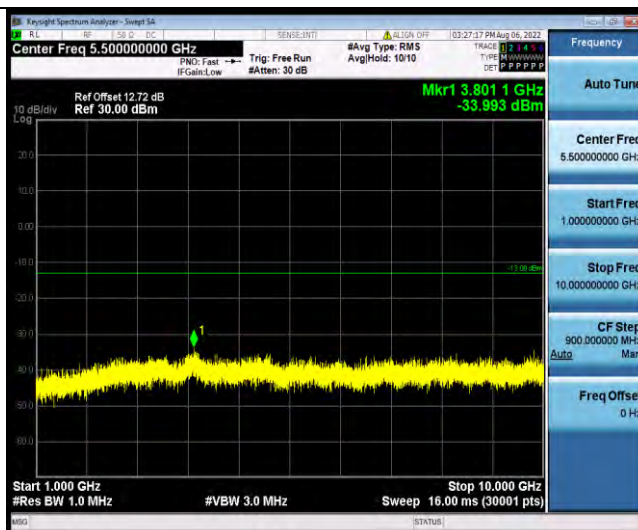


Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz

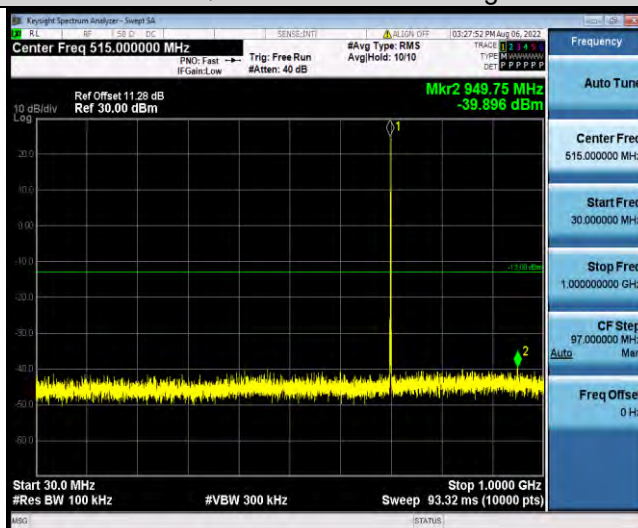


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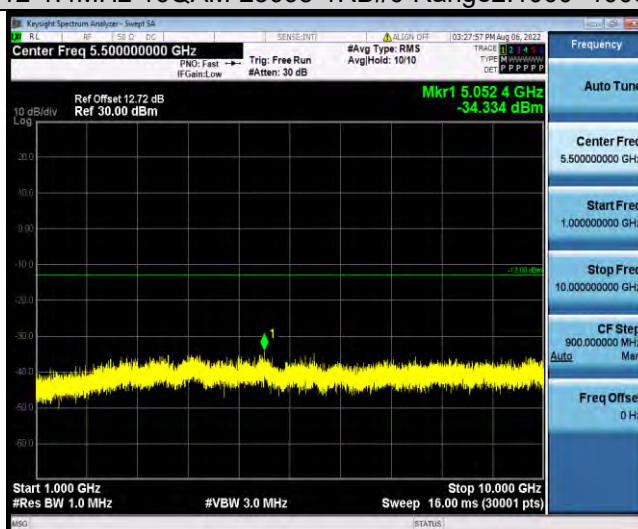
Test Report No.: W7L-P22070038RF06



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

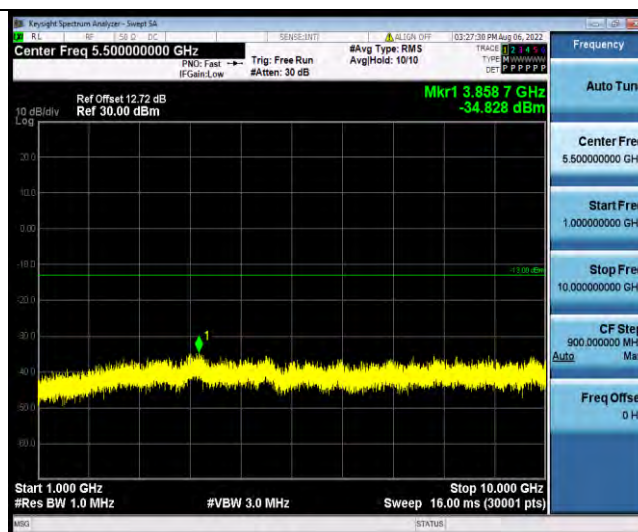


Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz

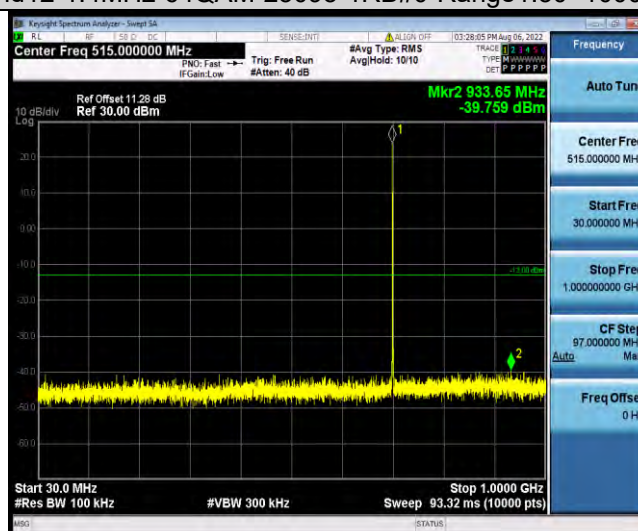


Band12-1.4MHz-16QAM-23173-1RB#0-Range1:30~1000MHz

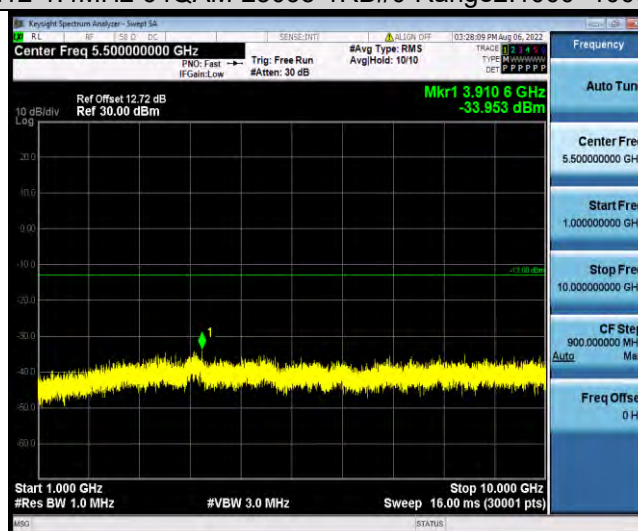




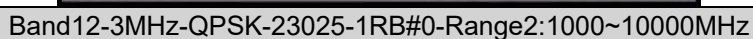
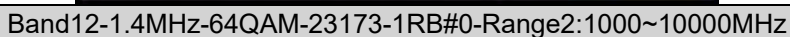
Band12-1.4MHz-64QAM-23095-1RB#0-Range1:30~1000MHz



Band12-1.4MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz



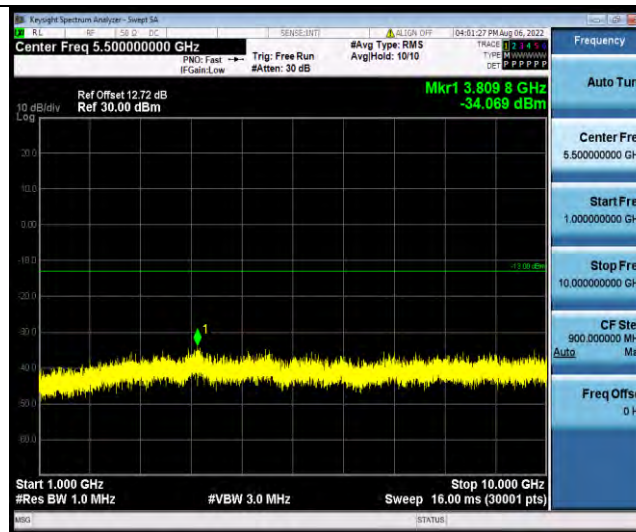
Band12-1.4MHz-64QAM-23173-1RB#0-Range1:30~1000MHz



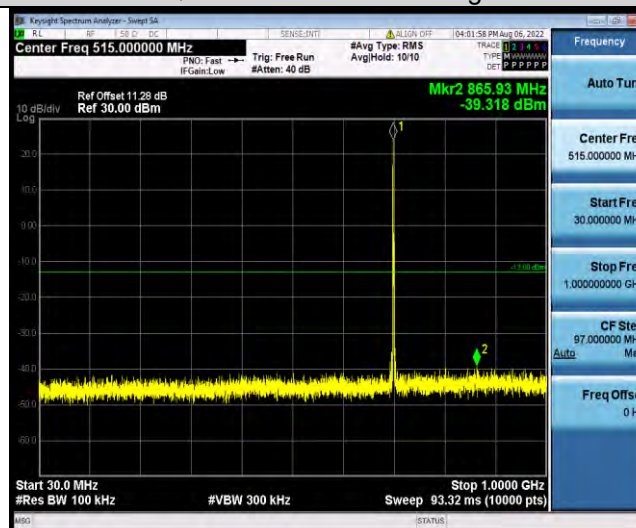


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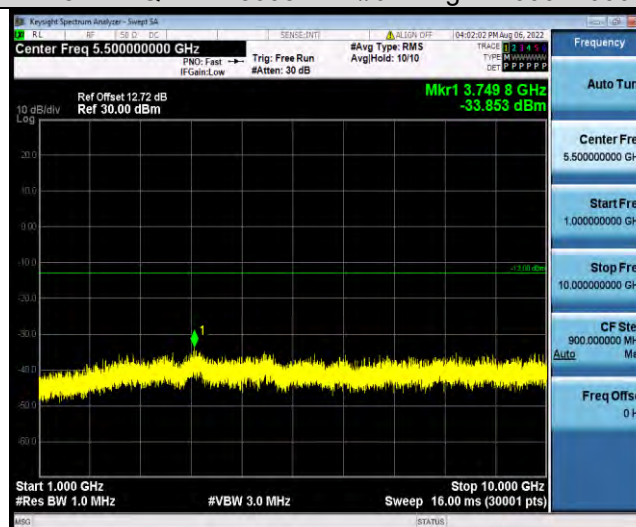
Test Report No.: W7L-P22070038RF06



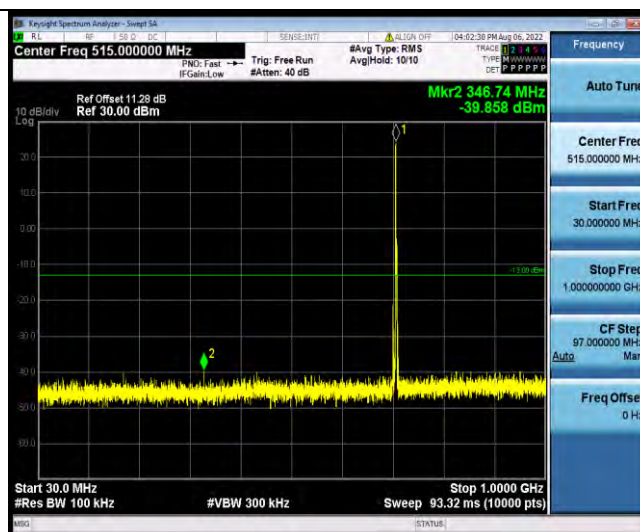
Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



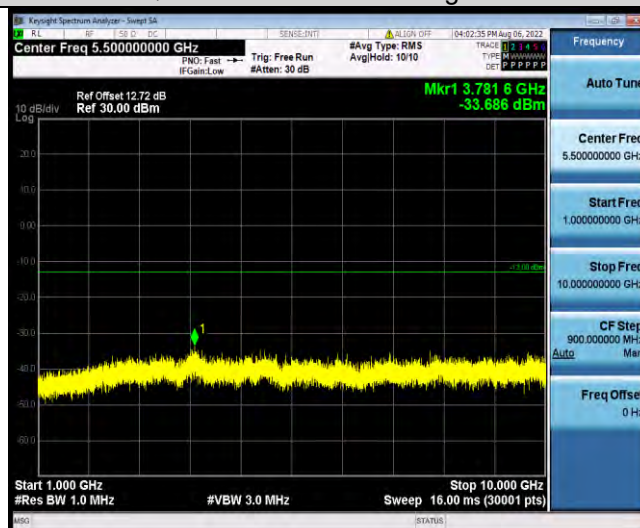
Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



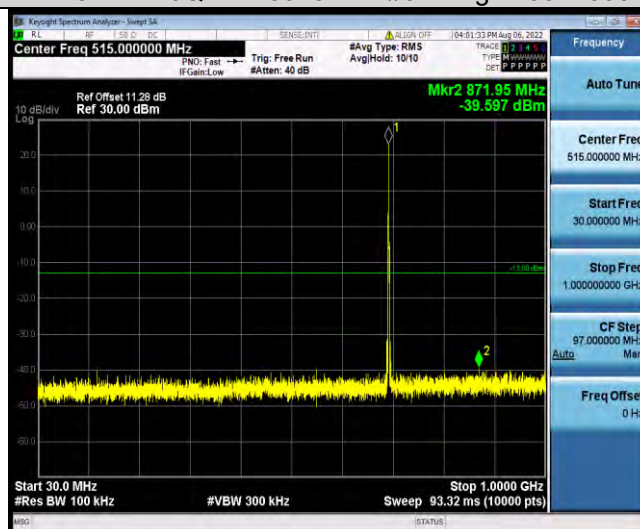
Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz



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



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

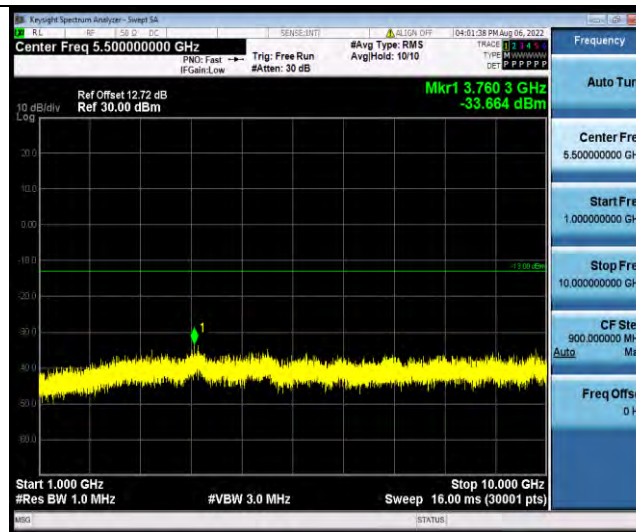


Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~10000MHz

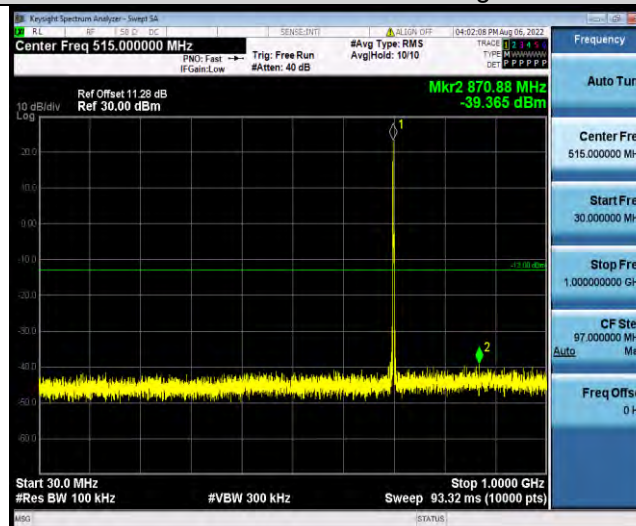


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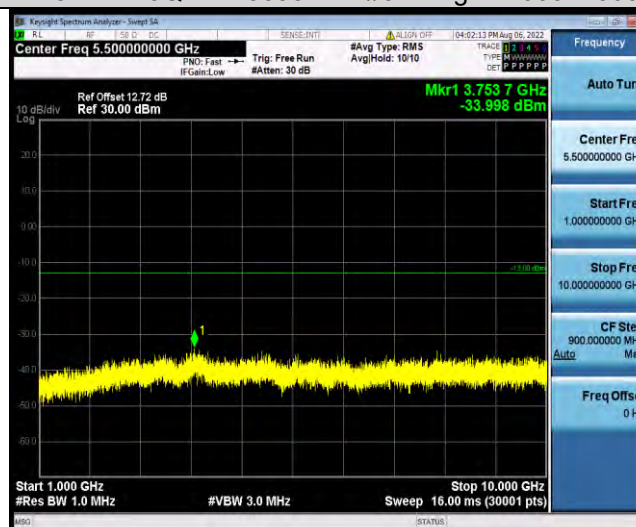
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Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



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



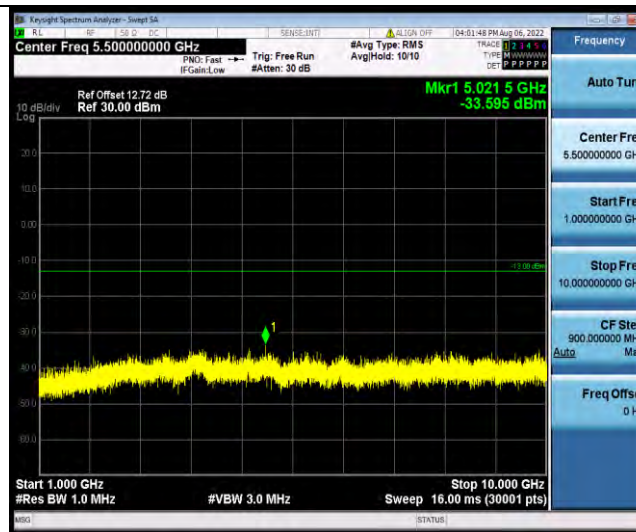
Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz



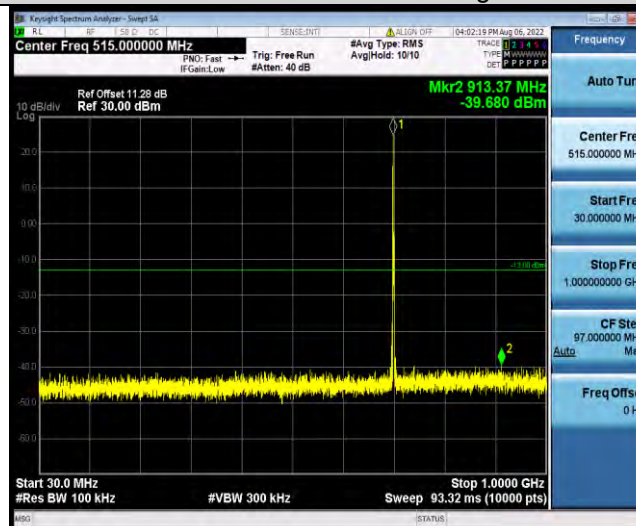


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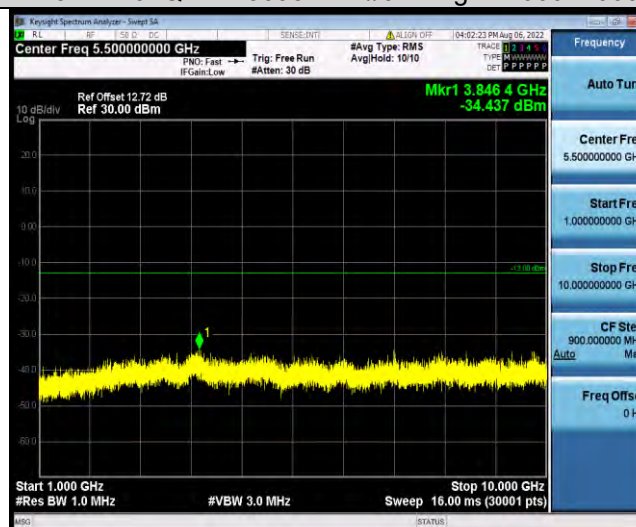
Test Report No.: W7L-P22070038RF06



Band12-3MHz-64QAM-23095-1RB#0-Range1:30~1000MHz



Band12-3MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz



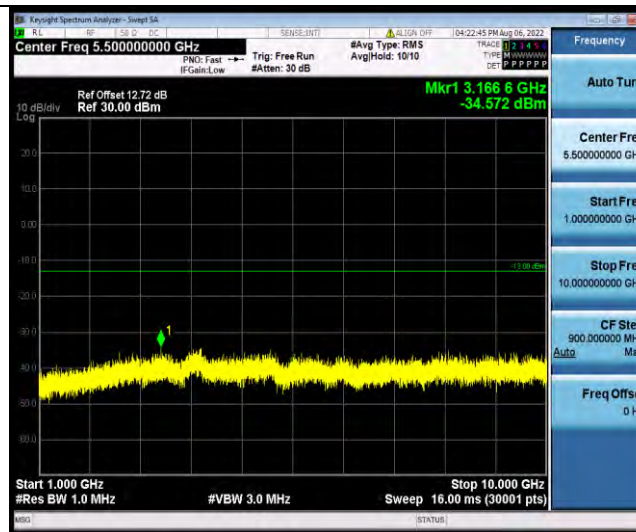
Band12-3MHz-64QAM-23165-1RB#0-Range1:30~1000MHz



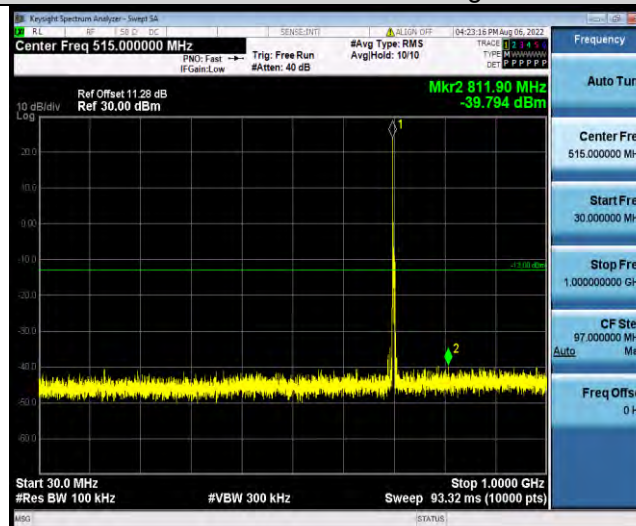


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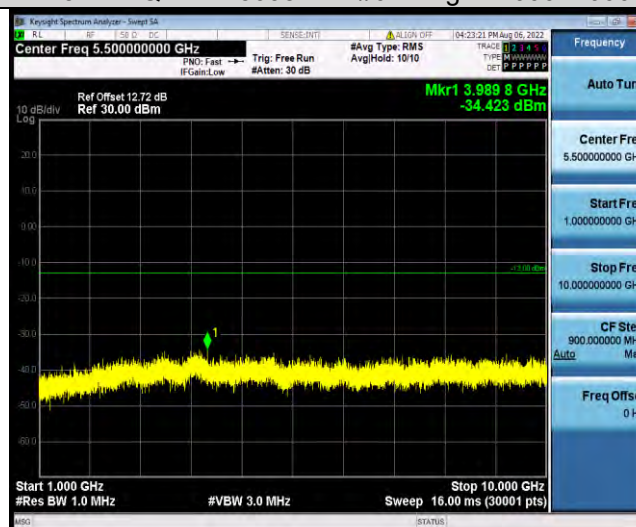
Test Report No.: W7L-P22070038RF06



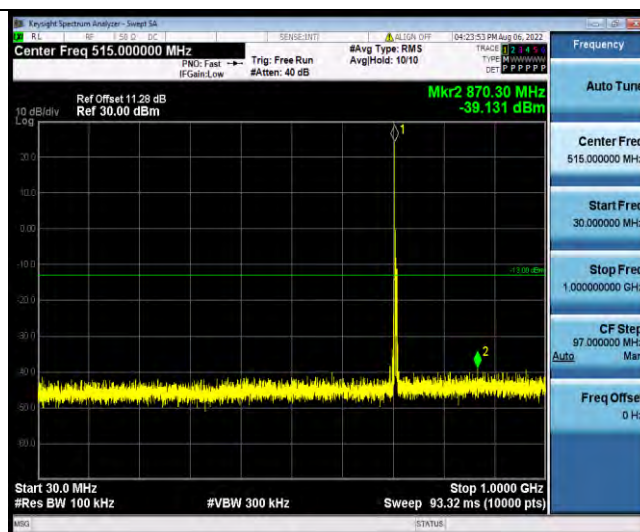
Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



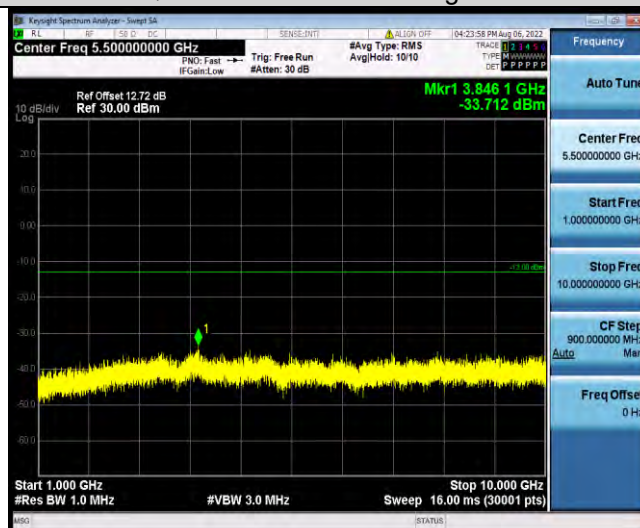
Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



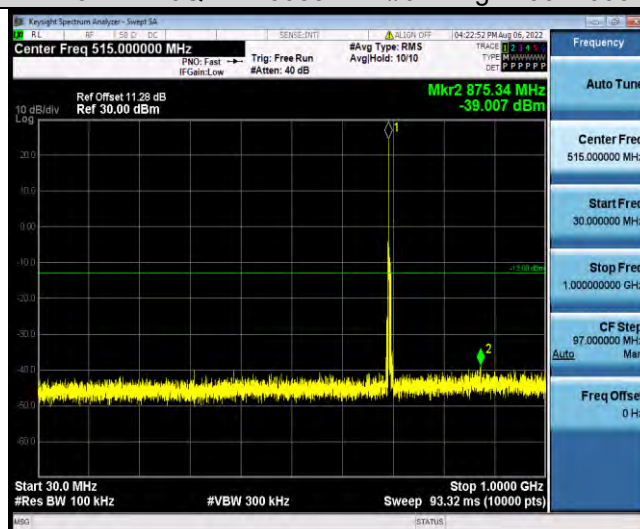
Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz



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



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

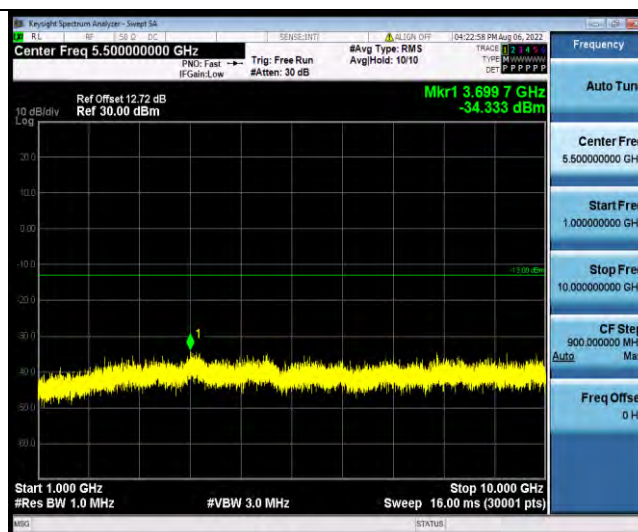


Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~10000MHz

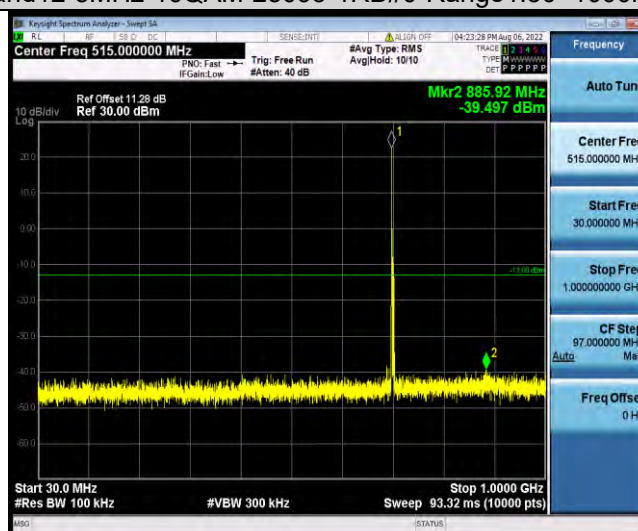


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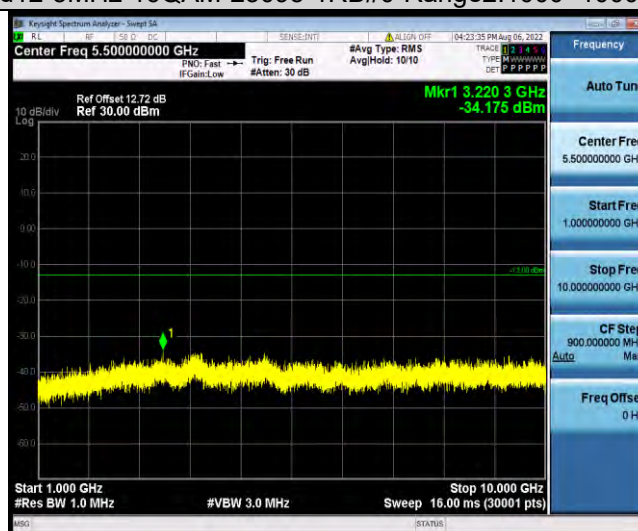
Test Report No.: W7L-P22070038RF06



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



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

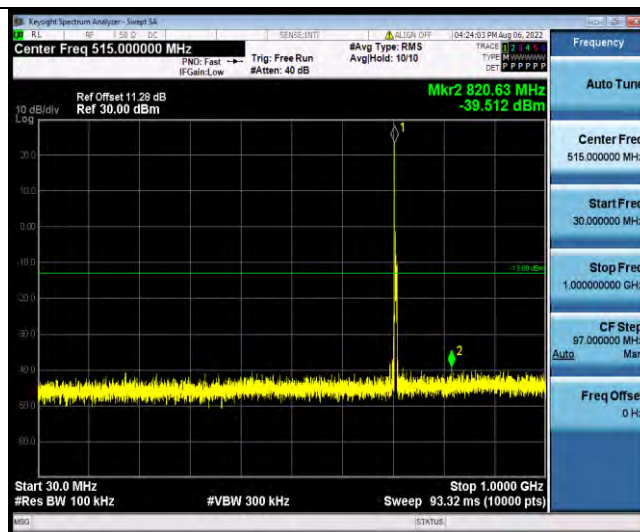


Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz

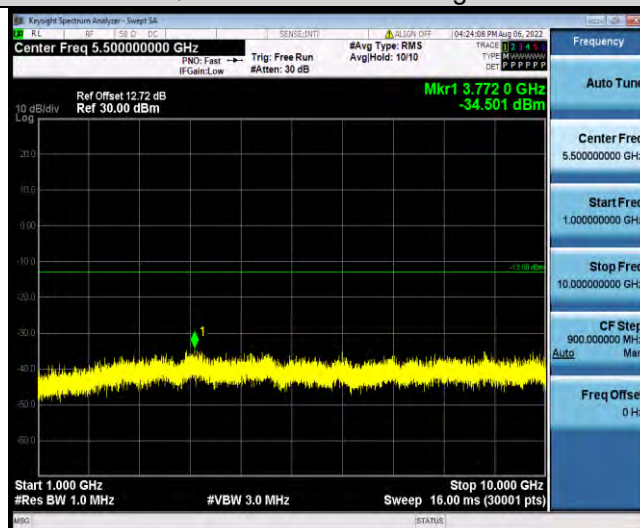


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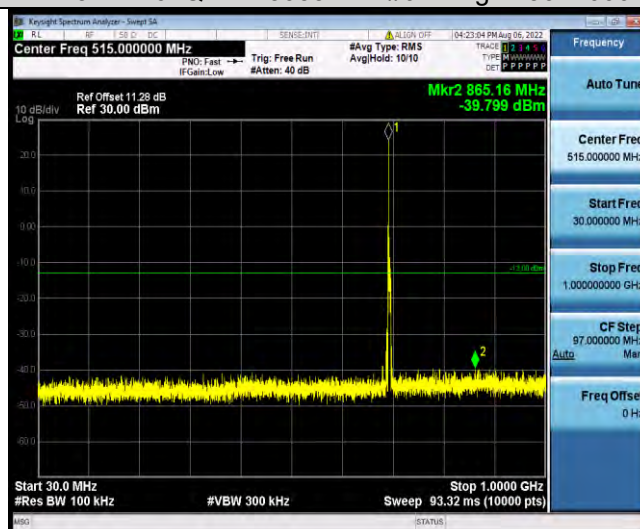
Test Report No.: W7L-P22070038RF06



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



Band12-5MHz-64QAM-23035-1RB#0-Range1:30~1000MHz

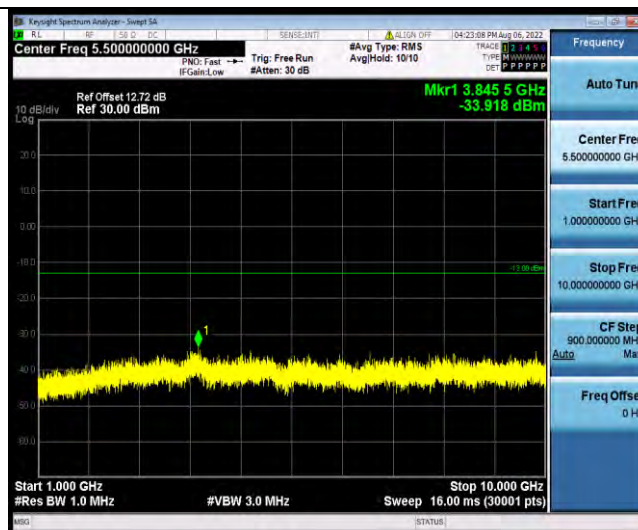


Band12-5MHz-64QAM-23035-1RB#0-Range2:1000~10000MHz

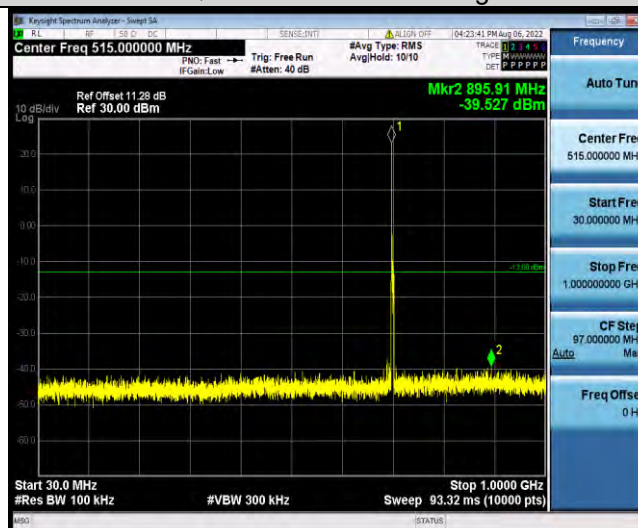


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VERITAS

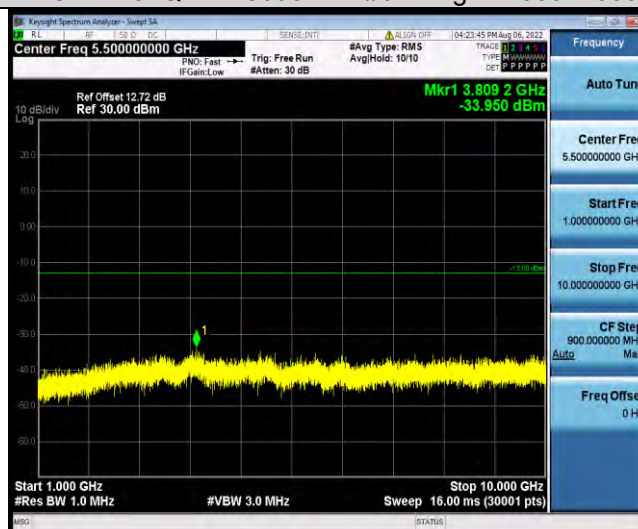
Test Report No.: W7L-P22070038RF06



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



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

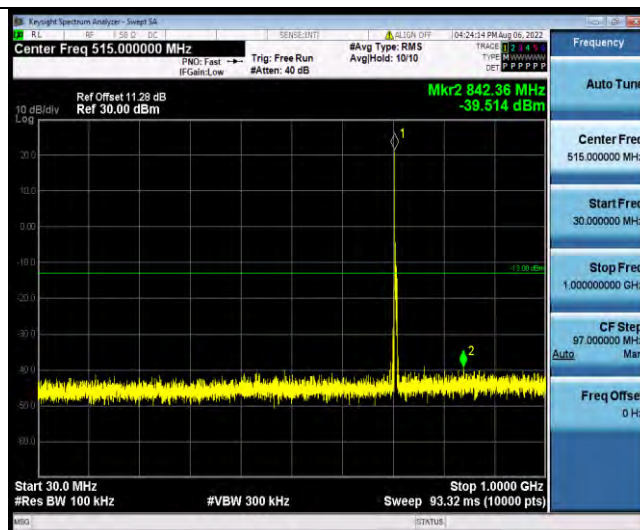


Band12-5MHz-64QAM-23155-1RB#0-Range1:30~1000MHz

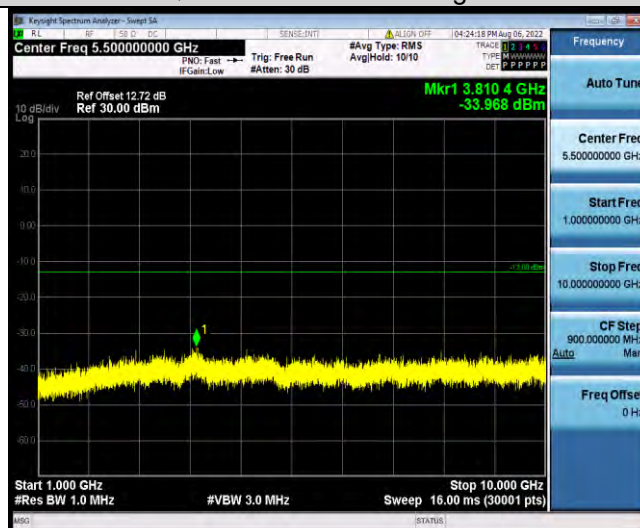


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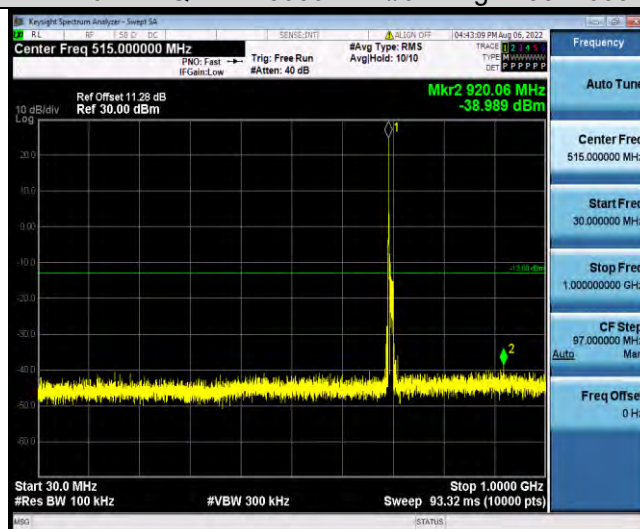
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Band12-5MHz-64QAM-23155-1RB#0-Range2:1000~10000MHz



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

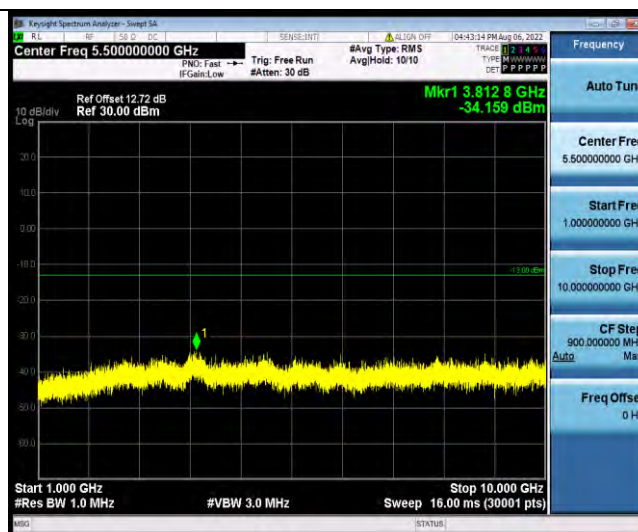


Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz

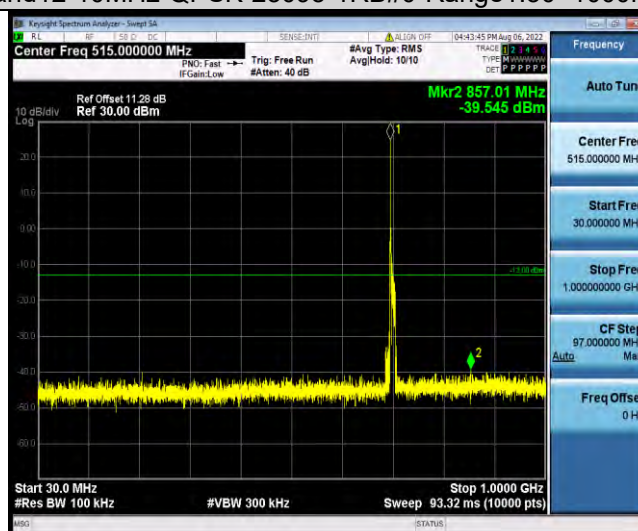


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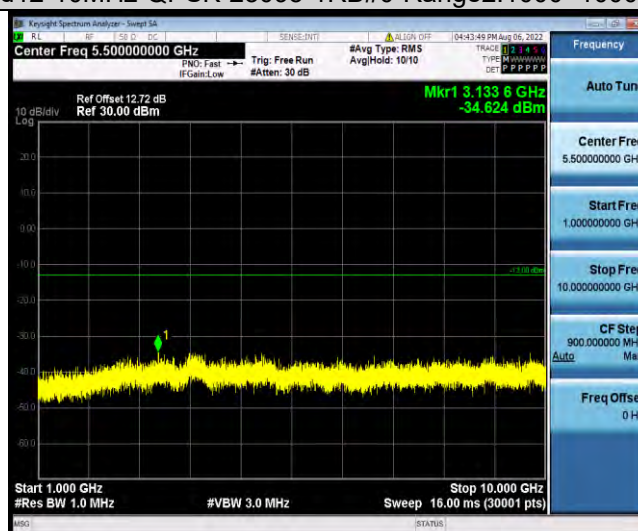
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Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



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

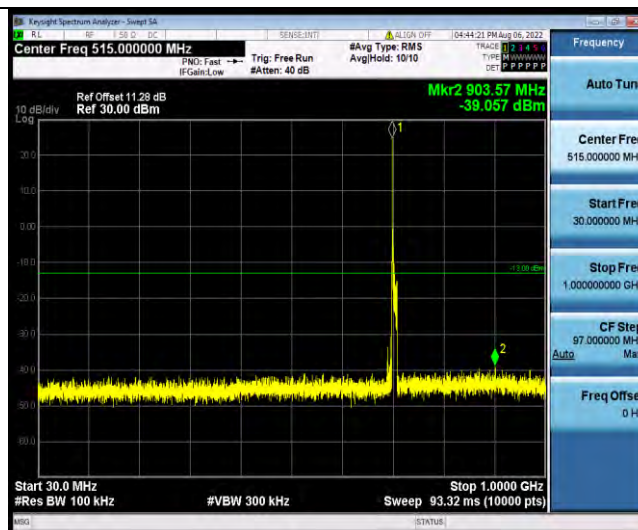


Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz

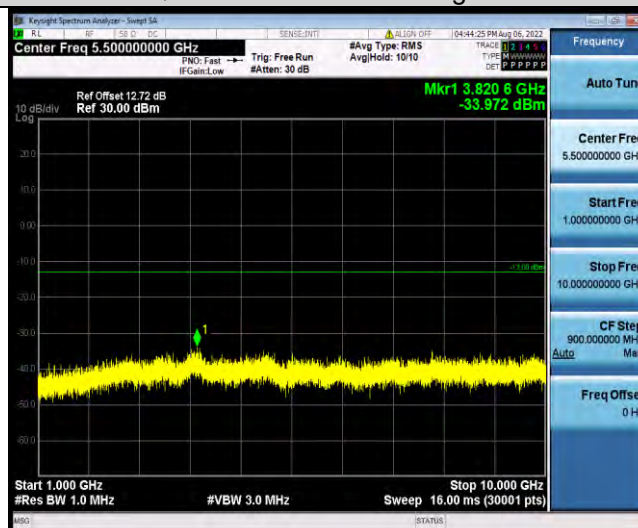


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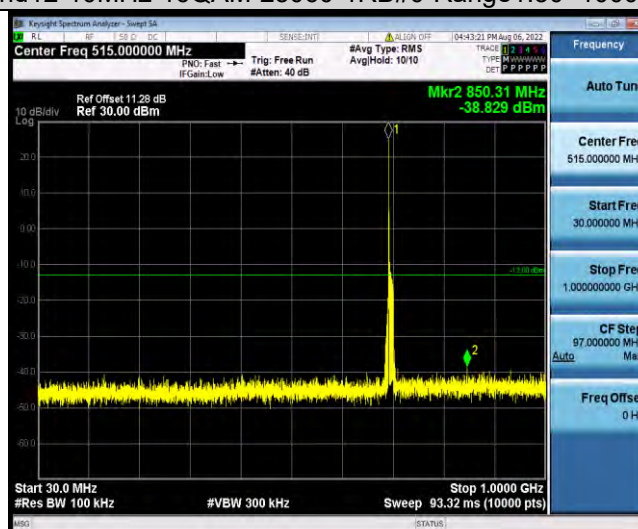
Test Report No.: W7L-P22070038RF06



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



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

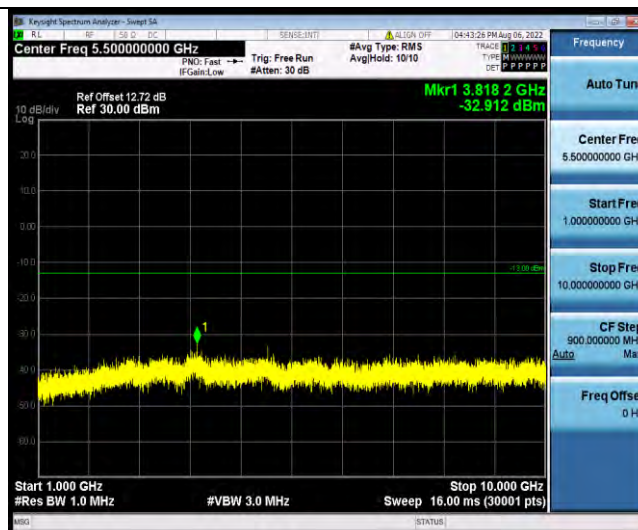


Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz

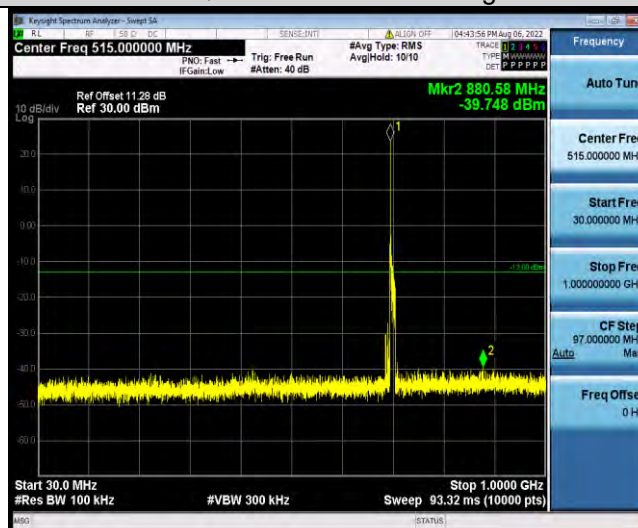


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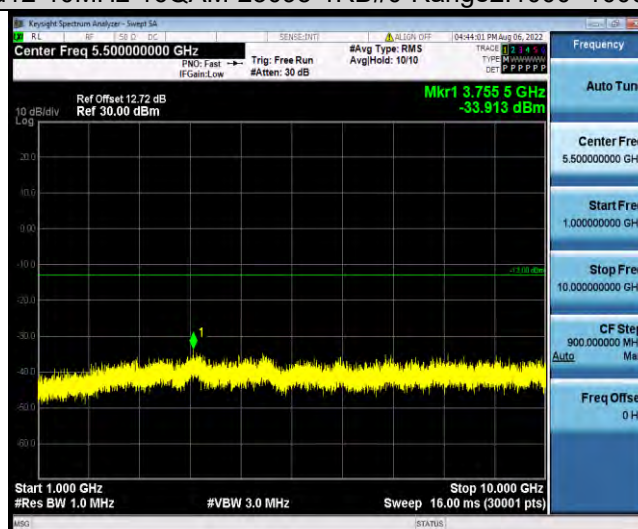
Test Report No.: W7L-P22070038RF06



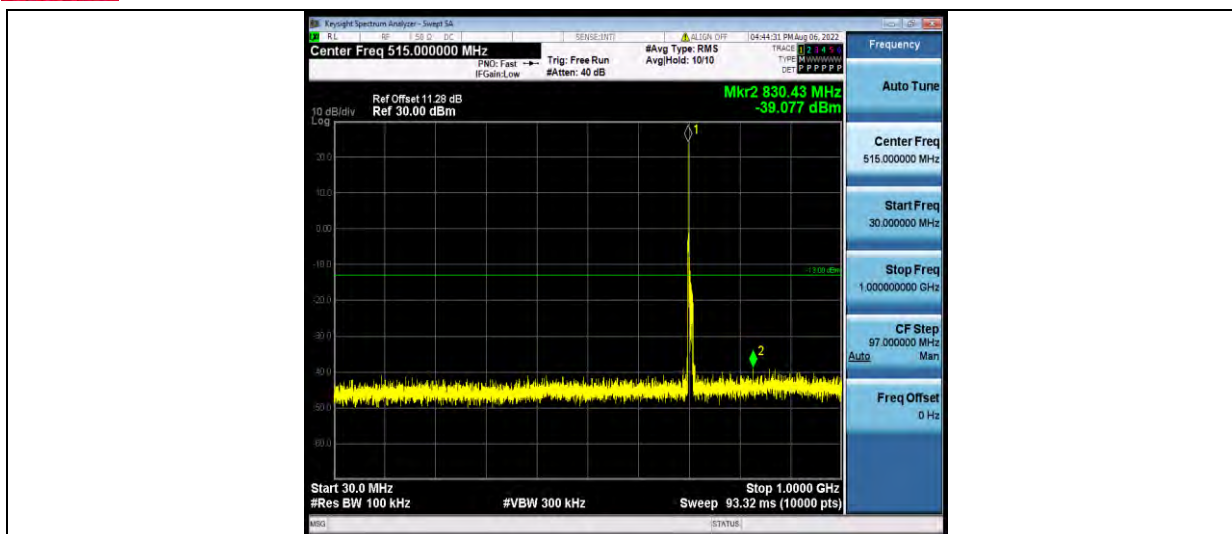
Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



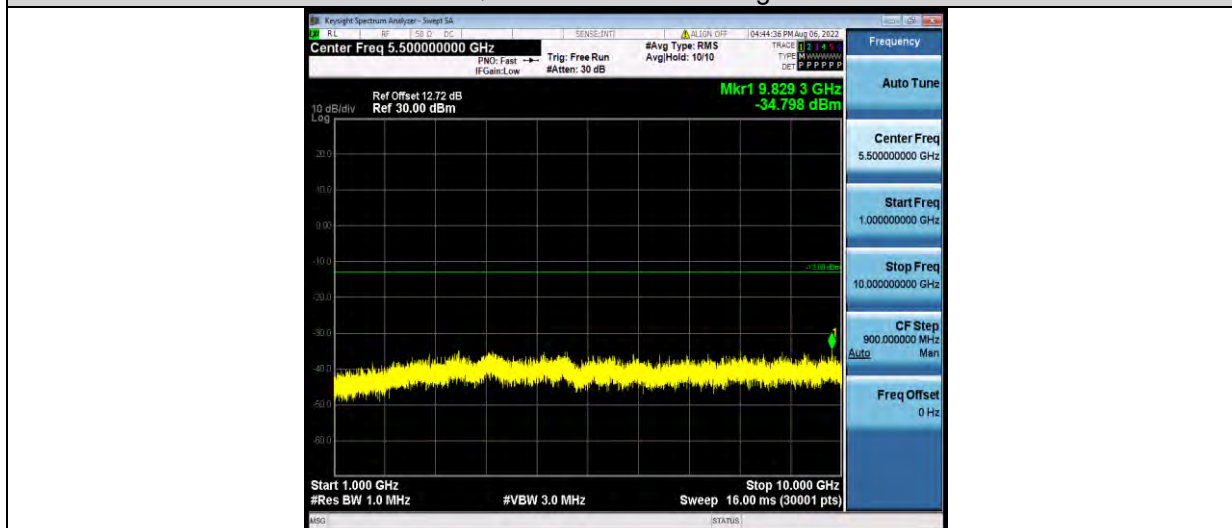
Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



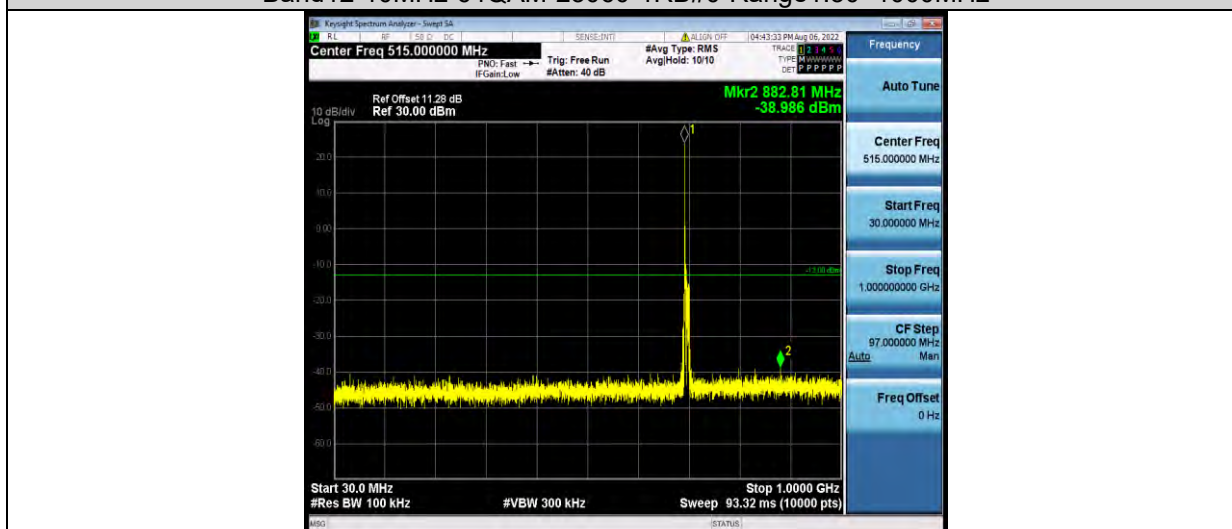
Band12-10MHz-16QAM-23130-1RB#0-Range1:30~1000MHz



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



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

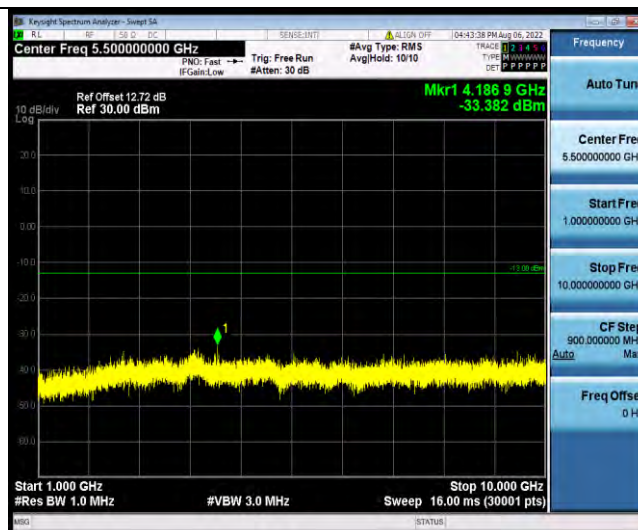


Band12-10MHz-64QAM-23060-1RB#0-Range2:1000~10000MHz

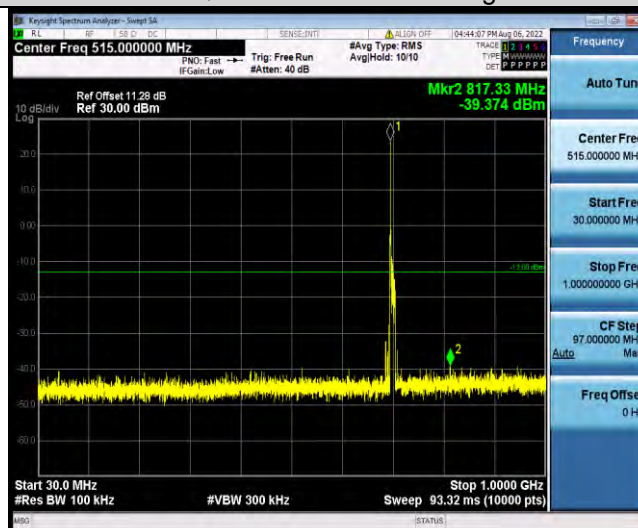


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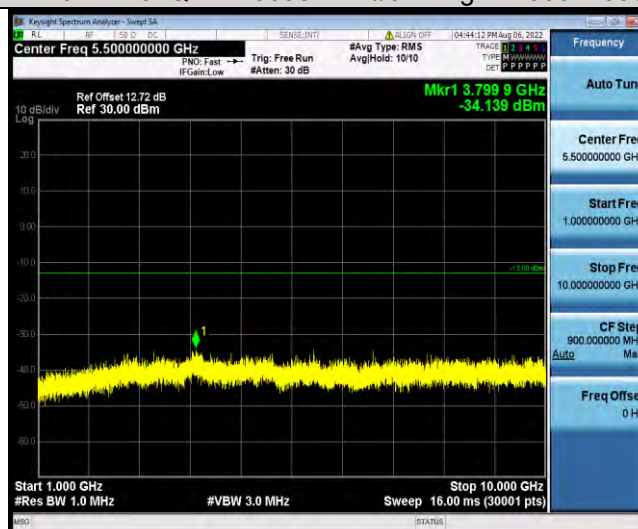
Test Report No.: W7L-P22070038RF06



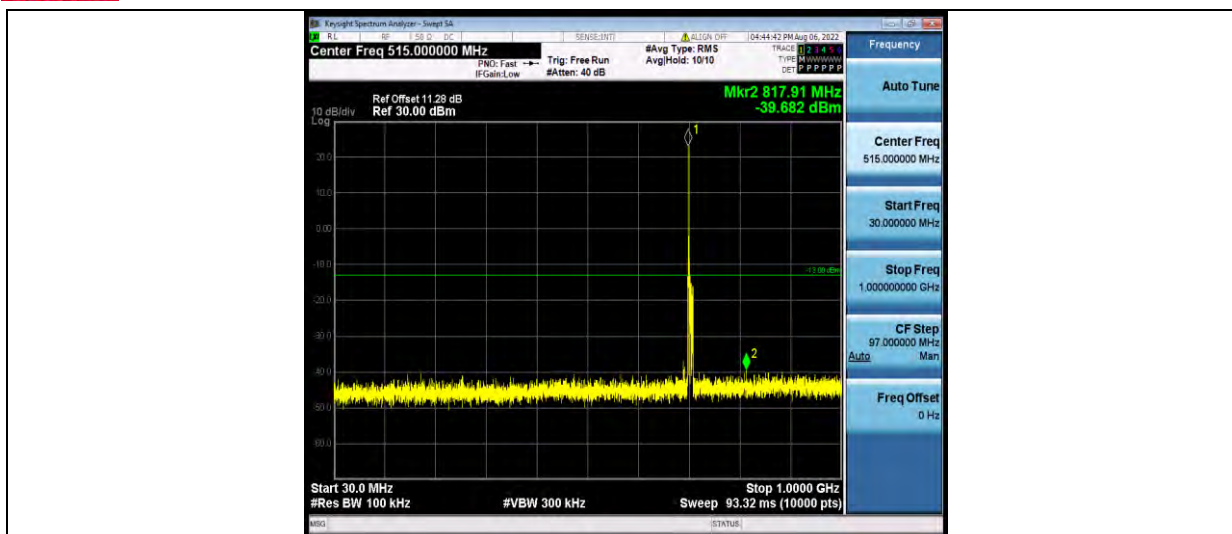
Band12-10MHz-64QAM-23095-1RB#0-Range1:30~1000MHz



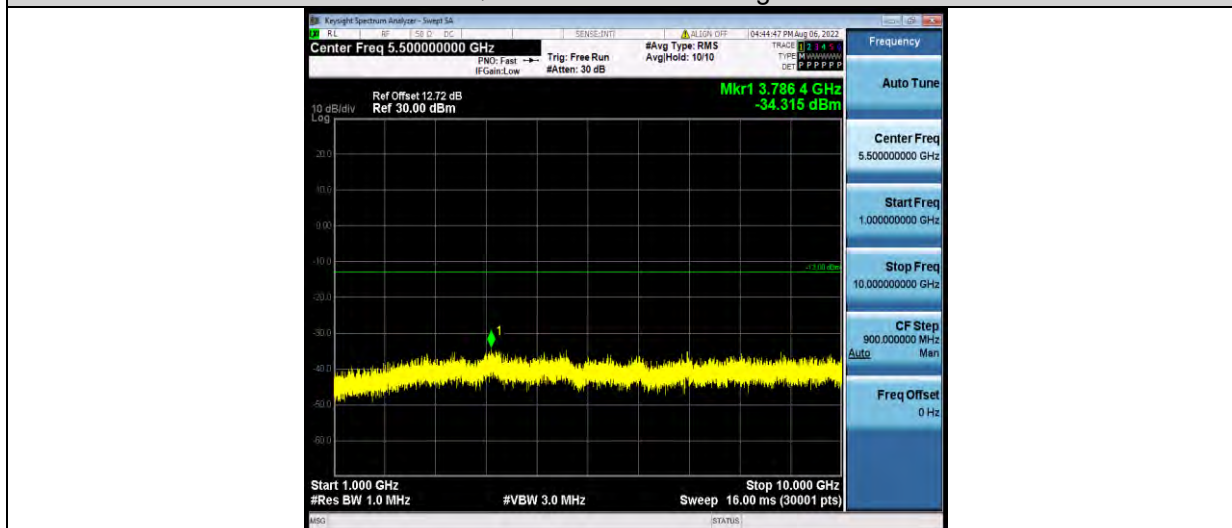
Band12-10MHz-64QAM-23095-1RB#0-Range2:1000~10000MHz



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



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	24.95	0.035658	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	VN	NT	-6.78	-0.009690	±2.5	PASS
Band1_2	1.4MHz	QPSK	23017	6RB#0	VH	NT	33.77	0.048264	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	VL	NT	-20.33	-0.028735	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	VN	NT	-15.25	-0.021555	±2.5	PASS
Band1_2	1.4MHz	QPSK	23095	6RB#0	VH	NT	-22.52	-0.031830	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	VL	NT	-19.74	-0.027597	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	VN	NT	-6.95	-0.009716	±2.5	PASS
Band1_2	1.4MHz	QPSK	23173	6RB#0	VH	NT	-11.79	-0.016483	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	VL	NT	30.18	0.043133	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	VN	NT	19.40	0.027726	±2.5	PASS
Band1_2	1.4MHz	16QAM	23017	6RB#0	VH	NT	43.29	0.061869	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	VL	NT	29.93	0.042304	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	VN	NT	23.95	0.033852	±2.5	PASS
Band1_2	1.4MHz	16QAM	23095	6RB#0	VH	NT	31.81	0.044961	±2.5	PASS
Band1_2	1.4MHz	16QAM	23173	6RB#0	VL	NT	-12.50	-0.017475	±2.5	PASS
Band1_2	1.4MHz	16QAM	23173	6RB#0	VN	NT	-10.07	-0.014078	±2.5	PASS
Band1_2	1.4MHz	16QAM	23173	6RB#0	VH	NT	9.01	0.012596	±2.5	PASS
Band1_2	1.4MHz	64QAM	23017	6RB#0	VL	NT	21.09	0.030141	±2.5	PASS
Band1_2	1.4MHz	64QAM	23017	6RB#0	VN	NT	17.90	0.025582	±2.5	PASS
Band1_2	1.4MHz	64QAM	23017	6RB#0	VH	NT	22.72	0.032471	±2.5	PASS



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Band1 2	1.4MHz	64QAM	23095	6RB#0	VL	NT	29.63	0.041880	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	VN	NT	30.36	0.042912	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	VH	NT	35.35	0.049965	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	VL	NT	16.97	0.023724	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	VN	NT	18.97	0.026520	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	VH	NT	-9.37	-0.013099	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	VL	NT	7.90	0.011278	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	VN	NT	-9.28	-0.013248	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	VH	NT	9.34	0.013333	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VL	NT	-48.45	-0.068481	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VN	NT	6.37	0.009004	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	VH	NT	-13.43	-0.018982	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VL	NT	-23.12	-0.032358	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VN	NT	-6.84	-0.009573	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	VH	NT	-10.69	-0.014962	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VL	NT	7.04	0.010050	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VN	NT	9.44	0.013476	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	VH	NT	7.57	0.010807	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VL	NT	-14.86	-0.021004	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VN	NT	-21.72	-0.030700	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	VH	NT	-5.32	-0.007519	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VL	NT	11.06	0.015479	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VN	NT	12.97	0.018153	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	VH	NT	-19.01	-0.026606	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	VL	NT	9.58	0.013676	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	VN	NT	5.14	0.007338	±2.5	PASS
Band1	3MHz	64QAM	23025	15RB#0	VH	NT	14.36	0.020500	±2.5	PASS



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2										
Band1 2	3MHz	64QAM	23095	15RB#0	VL	NT	-3.53	-0.004989	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	VN	NT	-33.62	-0.047519	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	VH	NT	8.61	0.012170	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	VL	NT	-29.74	-0.041624	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	VN	NT	6.24	0.008733	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	VH	NT	-4.56	-0.006382	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VL	NT	-11.63	-0.016579	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VN	NT	-7.05	-0.010050	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	VH	NT	-9.21	-0.013129	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VL	NT	21.72	0.030700	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VN	NT	-5.74	-0.008113	±2.5	PASS
Band1 2	5MHz	QPSK	23095	25RB#0	VH	NT	27.58	0.038982	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VL	NT	-11.37	-0.015936	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VN	NT	-3.13	-0.004387	±2.5	PASS
Band1 2	5MHz	QPSK	23155	25RB#0	VH	NT	-20.93	-0.029334	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VL	NT	20.77	0.029608	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VN	NT	16.45	0.023450	±2.5	PASS
Band1 2	5MHz	16QAM	23035	25RB#0	VH	NT	21.54	0.030706	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VL	NT	12.50	0.017668	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VN	NT	10.87	0.015364	±2.5	PASS
Band1 2	5MHz	16QAM	23095	25RB#0	VH	NT	16.95	0.023958	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VL	NT	35.23	0.049376	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VN	NT	32.39	0.045396	±2.5	PASS
Band1 2	5MHz	16QAM	23155	25RB#0	VH	NT	43.07	0.060364	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	VL	NT	-8.08	-0.011518	±2.5	PASS
Band1 2	5MHz	64QAM	23035	25RB#0	VN	NT	21.69	0.030919	±2.5	PASS



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Band1 2	5MHz	64QAM	23035	25RB#0	VH	NT	23.07	0.032887	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	VL	NT	11.62	0.016424	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	VN	NT	16.95	0.023958	±2.5	PASS
Band1 2	5MHz	64QAM	23095	25RB#0	VH	NT	14.10	0.019929	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	VL	NT	37.75	0.052908	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	VN	NT	33.50	0.046952	±2.5	PASS
Band1 2	5MHz	64QAM	23155	25RB#0	VH	NT	40.68	0.057015	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VL	NT	-3.25	-0.004616	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VN	NT	-2.32	-0.003295	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VH	NT	-7.52	-0.010682	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VL	NT	18.97	0.026813	±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	30.53	0.043152	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VL	NT	-7.35	-0.010338	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VN	NT	-5.78	-0.008129	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VH	NT	-5.69	-0.008003	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VL	NT	24.20	0.034375	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VN	NT	21.31	0.030270	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VH	NT	27.31	0.038793	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VL	NT	45.13	0.063788	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VN	NT	35.23	0.049795	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VH	NT	47.86	0.067647	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VL	NT	-3.56	-0.005007	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VN	NT	-3.75	-0.005274	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VH	NT	4.68	0.006582	±2.5	PASS
Band1 2	10MHz	64QAM	23060	50RB#0	VL	NT	25.23	0.035838	±2.5	PASS
Band1	10MHz	64QAM	23060	50RB#0	VN	NT	20.24	0.028750	±2.5	PASS



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2										
Band1 2	10MHz	64QAM	23060	50RB#0	VH	NT	28.97	0.041151	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	VL	NT	2.27	0.003208	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	VN	NT	-3.65	-0.005159	±2.5	PASS
Band1 2	10MHz	64QAM	23095	50RB#0	VH	NT	3.46	0.004890	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	VL	NT	-2.99	-0.004205	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	VN	NT	-4.62	-0.006498	±2.5	PASS
Band1 2	10MHz	64QAM	23130	50RB#0	VH	NT	-36.62	-0.051505	±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	23.17	0.033114	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	-20	44.82	0.064056	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	0	18.91	0.027026	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	10	33.27	0.047549	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	20	45.59	0.065156	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	30	-27.55	-0.039374	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	40	40.76	0.058254	±2.5	PASS
Band1 2	1.4MHz	QPSK	23017	6RB#0	NV	50	4.15	0.005931	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	-30	-21.80	-0.030813	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	-20	-18.28	-0.025837	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	0	-14.43	-0.020396	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	10	20.00	0.028269	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	20	18.37	0.025965	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	30	22.36	0.031604	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	40	20.24	0.028608	±2.5	PASS
Band1 2	1.4MHz	QPSK	23095	6RB#0	NV	50	21.63	0.030572	±2.5	PASS
Band1	1.4MHz	QPSK	23173	6RB#0	NV	-30	5.98	0.008360	±2.5	PASS



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2										
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	-20	11.50	0.016077	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	0	11.87	0.016594	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	10	5.16	0.007214	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	20	-2.85	-0.003984	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	30	-8.01	-0.011198	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	40	-7.27	-0.010164	±2.5	PASS
Band1 2	1.4MHz	QPSK	23173	6RB#0	NV	50	-9.50	-0.013281	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	-30	46.05	0.065814	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	-20	50.17	0.071702	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	0	4.03	0.005760	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	10	-18.98	-0.027126	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	20	-1.79	-0.002558	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	30	4.73	0.006760	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	40	8.07	0.011534	±2.5	PASS
Band1 2	1.4MHz	16QAM	23017	6RB#0	NV	50	8.84	0.012634	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-30	31.76	0.044890	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	-20	30.48	0.043081	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	0	10.04	0.014191	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	10	20.89	0.029527	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	20	26.58	0.037569	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	30	24.68	0.034883	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	40	27.95	0.039505	±2.5	PASS
Band1 2	1.4MHz	16QAM	23095	6RB#0	NV	50	28.08	0.039689	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-30	17.77	0.024843	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	-20	25.68	0.035901	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	0	23.19	0.032420	±2.5	PASS



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Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	10	24.26	0.033916	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	20	24.29	0.033958	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	30	22.79	0.031861	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	40	19.64	0.027457	±2.5	PASS
Band1 2	1.4MHz	16QAM	23173	6RB#0	NV	50	22.83	0.031917	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	-30	25.56	0.036530	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	-20	33.09	0.047292	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	0	37.26	0.053251	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	10	14.72	0.021038	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	20	32.59	0.046577	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	30	40.03	0.057210	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	40	45.83	0.065499	±2.5	PASS
Band1 2	1.4MHz	64QAM	23017	6RB#0	NV	50	49.12	0.070202	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	-30	33.29	0.047053	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	-20	4.35	0.006148	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	0	25.08	0.035449	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	10	35.43	0.050078	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	20	39.73	0.056155	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	30	40.03	0.056580	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	40	44.86	0.063406	±2.5	PASS
Band1 2	1.4MHz	64QAM	23095	6RB#0	NV	50	-4.53	-0.006403	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	-30	4.43	0.006193	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	-20	8.85	0.012372	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	0	12.89	0.018020	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	10	14.61	0.020425	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	20	15.15	0.021180	±2.5	PASS
Band1	1.4MHz	64QAM	23173	6RB#0	NV	30	16.48	0.023039	±2.5	PASS



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2										
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	40	15.81	0.022103	±2.5	PASS
Band1 2	1.4MHz	64QAM	23173	6RB#0	NV	50	19.31	0.026996	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-30	9.56	0.013647	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	-20	-37.29	-0.053233	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	0	-10.64	-0.015189	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	10	-7.27	-0.010378	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	20	-5.51	-0.007866	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	30	-4.38	-0.006253	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	40	1.39	0.001984	±2.5	PASS
Band1 2	3MHz	QPSK	23025	15RB#0	NV	50	3.99	0.005696	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-30	-8.20	-0.011590	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	-20	-4.35	-0.006148	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	0	-8.68	-0.012269	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	10	-3.79	-0.005357	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	20	2.39	0.003378	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	30	3.85	0.005442	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	40	5.22	0.007378	±2.5	PASS
Band1 2	3MHz	QPSK	23095	15RB#0	NV	50	9.33	0.013187	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-30	11.83	0.016557	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	-20	16.61	0.023247	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	0	19.67	0.027530	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	10	21.10	0.029531	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	20	21.73	0.030413	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	30	22.47	0.031449	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	40	22.77	0.031868	±2.5	PASS
Band1 2	3MHz	QPSK	23165	15RB#0	NV	50	15.59	0.021819	±2.5	PASS



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Band1 2	3MHz	16QAM	23025	15RB#0	NV	-30	5.59	0.007980	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	-20	-18.41	-0.026281	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	0	-6.52	-0.009308	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	10	-3.20	-0.004568	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	20	4.32	0.006167	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	30	7.37	0.010521	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	40	10.93	0.015603	±2.5	PASS
Band1 2	3MHz	16QAM	23025	15RB#0	NV	50	9.10	0.012991	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-30	-11.34	-0.016028	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	-20	-3.45	-0.004876	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	0	2.98	0.004212	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	10	6.91	0.009767	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	20	10.49	0.014827	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	30	10.77	0.015223	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	40	9.07	0.012820	±2.5	PASS
Band1 2	3MHz	16QAM	23095	15RB#0	NV	50	7.08	0.010007	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-30	-3.99	-0.005584	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	-20	-4.35	-0.006088	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	0	3.15	0.004409	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	10	2.96	0.004143	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	20	6.81	0.009531	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	30	6.24	0.008733	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	40	3.20	0.004479	±2.5	PASS
Band1 2	3MHz	16QAM	23165	15RB#0	NV	50	-4.18	-0.005850	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	-30	-26.08	-0.037231	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	-20	10.29	0.014690	±2.5	PASS
Band1	3MHz	64QAM	23025	15RB#0	NV	0	18.91	0.026995	±2.5	PASS



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Band1 2	3MHz	64QAM	23025	15RB#0	NV	10	16.87	0.024083	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	20	19.58	0.027951	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	30	21.51	0.030707	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	40	20.43	0.029165	±2.5	PASS
Band1 2	3MHz	64QAM	23025	15RB#0	NV	50	19.76	0.028208	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	-30	10.96	0.015491	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	-20	12.69	0.017936	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	0	14.25	0.020141	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	10	11.93	0.016862	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	20	11.63	0.016438	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	30	11.96	0.016905	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	40	-21.74	-0.030728	±2.5	PASS
Band1 2	3MHz	64QAM	23095	15RB#0	NV	50	-2.42	-0.003420	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	-30	5.52	0.007726	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	-20	9.07	0.012694	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	0	11.47	0.016053	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	10	8.14	0.011393	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	20	9.24	0.012932	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	30	6.85	0.009587	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	40	8.93	0.012498	±2.5	PASS
Band1 2	3MHz	64QAM	23165	15RB#0	NV	50	8.60	0.012036	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-30	-10.24	-0.014597	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	-20	18.48	0.026344	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	0	27.01	0.038503	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	10	26.24	0.037406	±2.5	PASS
Band1 2	5MHz	QPSK	23035	25RB#0	NV	20	25.43	0.036251	±2.5	PASS