



Band2-10MHz-QPSK-18650-50RB#0



Band2-10MHz-QPSK-19150-1RB#49



Band2-10MHz-QPSK-19150-50RB#0



Band2-10MHz-16QAM-18650-1RB#0



Band2-10MHz-16QAM-18650-50RB#0



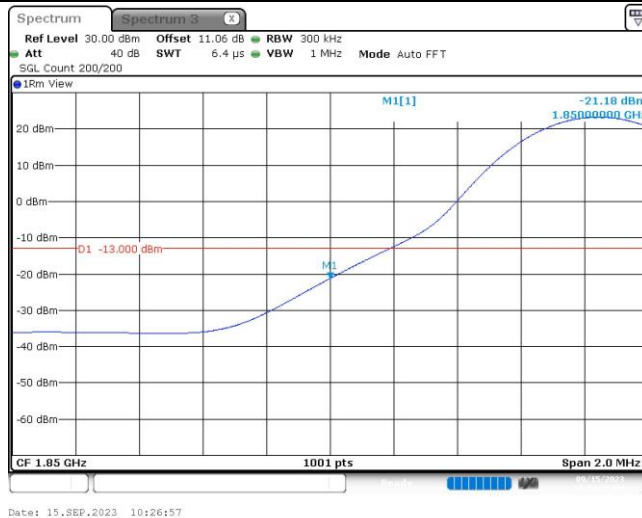
Band2-10MHz-16QAM-19150-1RB#49



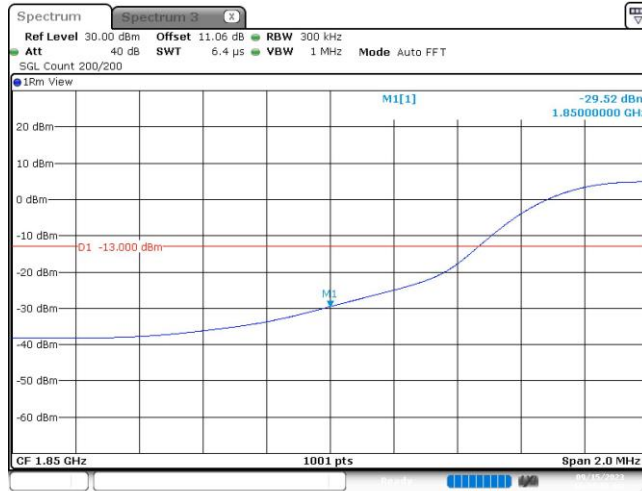
Band2-10MHz-16QAM-19150-50RB#0



Band2-15MHz-QPSK-18675-1RB#0



Band2-15MHz-QPSK-18675-75RB#0



Band2-15MHz-QPSK-19125-1RB#74



Band2-15MHz-QPSK-19125-75RB#0



Band2-15MHz-16QAM-18675-1RB#0



Band2-15MHz-16QAM-18675-75RB#0



Band2-15MHz-16QAM-19125-1RB#74



Band2-15MHz-16QAM-19125-75RB#0



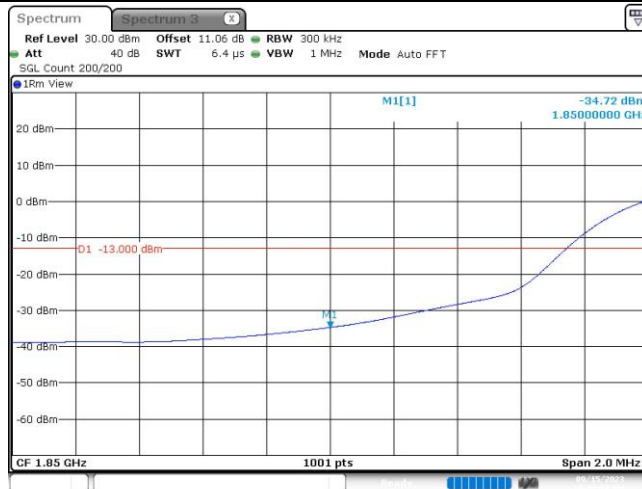
Date: 15. SEP. 2023 10:28:28

Band2-20MHz-QPSK-18700-1RB#0



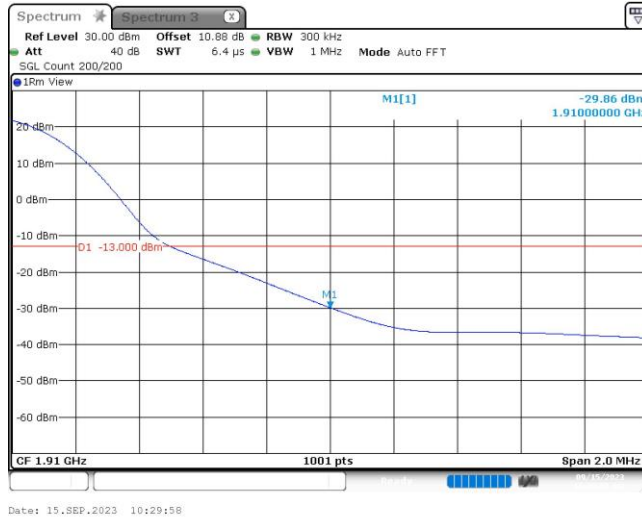
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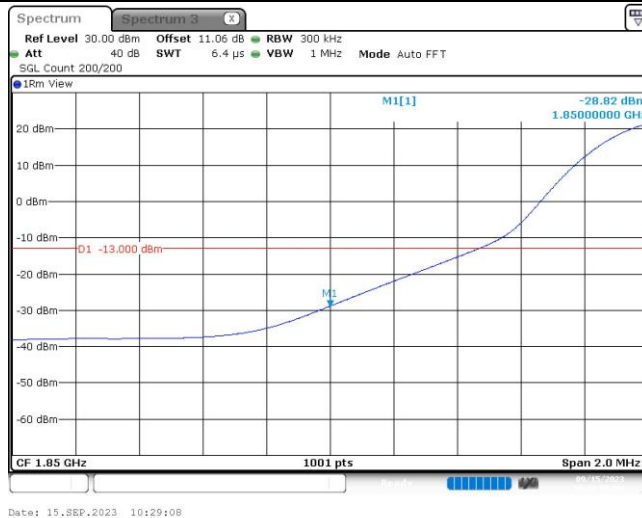
Band2-20MHz-QPSK-19100-1RB#99



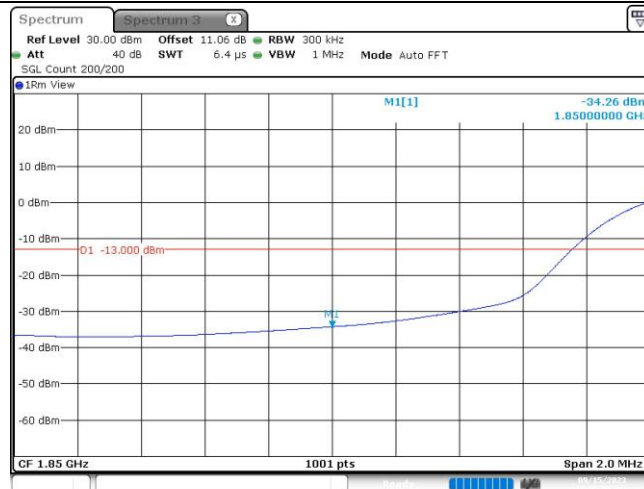
Band2-20MHz-QPSK-19100-100RB#0



Band2-20MHz-16QAM-18700-1RB#0



Band2-20MHz-16QAM-18700-100RB#0



Band2-20MHz-16QAM-19100-1RB#99



Band2-20MHz-16QAM-19100-100RB#0





## APPENDIX D.5: CONDUCTED SPURIOUS EMISSIONS

### Test Result

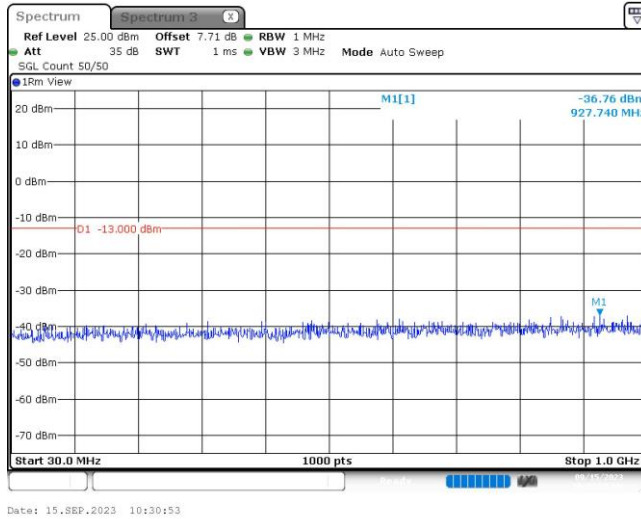
General:

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	20MHz	QPSK	18700	1RB#0	Range1:30~1000MHz	-36.76	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range2:1000~2000MHz	-35.29	PASS
Band2	20MHz	QPSK	18700	1RB#0	Range3:2000~20000MHz	-42.77	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-37.3	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range2:1000~2000MHz	-35.15	PASS
Band2	20MHz	QPSK	18900	1RB#0	Range3:2000~20000MHz	-42.47	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range1:30~1000MHz	-37.29	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range2:1000~2000MHz	-35.13	PASS
Band2	20MHz	QPSK	19100	1RB#0	Range3:2000~20000MHz	-42.66	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range1:30~1000MHz	-37.53	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range2:1000~2000MHz	-34.65	PASS
Band2	20MHz	16QAM	18700	1RB#0	Range3:2000~20000MHz	-43.06	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-37.14	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range2:1000~2000MHz	-35.35	PASS
Band2	20MHz	16QAM	18900	1RB#0	Range3:2000~20000MHz	-43.3	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range1:30~1000MHz	-38.09	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range2:1000~2000MHz	-35.21	PASS
Band2	20MHz	16QAM	19100	1RB#0	Range3:2000~20000MHz	-41.44	PASS

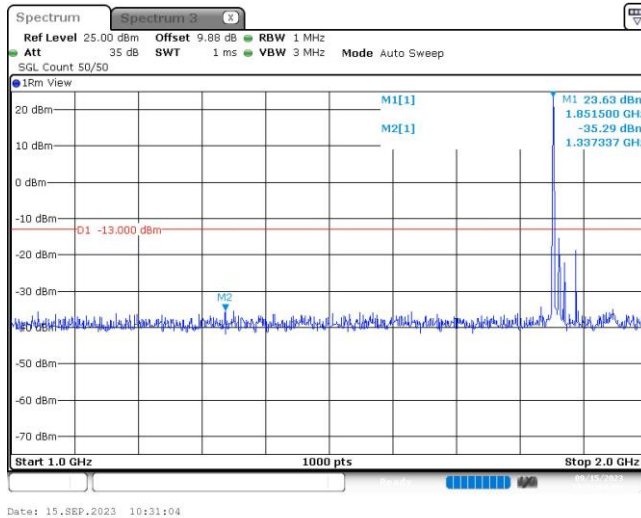
### Test Graphs

General:

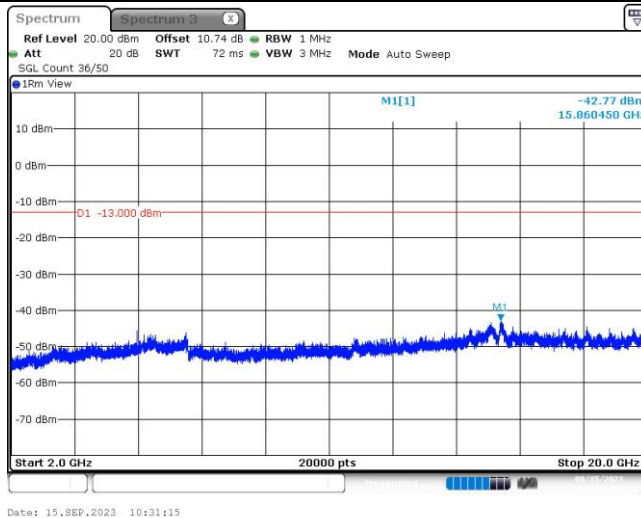
Band2-20MHz-QPSK-18700-1RB#0-Range1:30~1000MHz



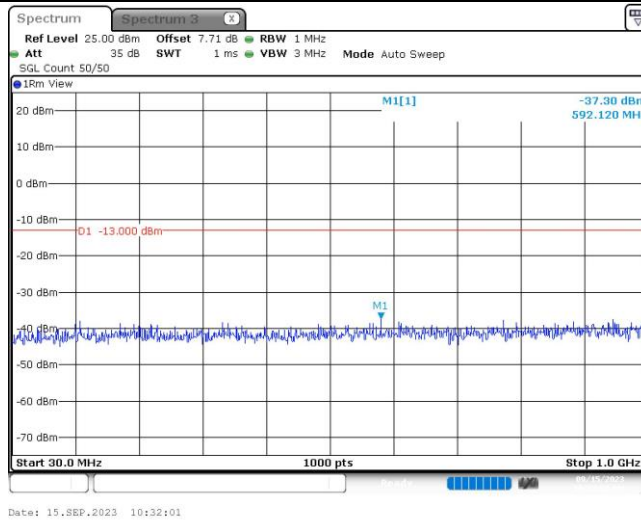
Band2-20MHz-QPSK-18700-1RB#0-Range2:1000~2000MHz



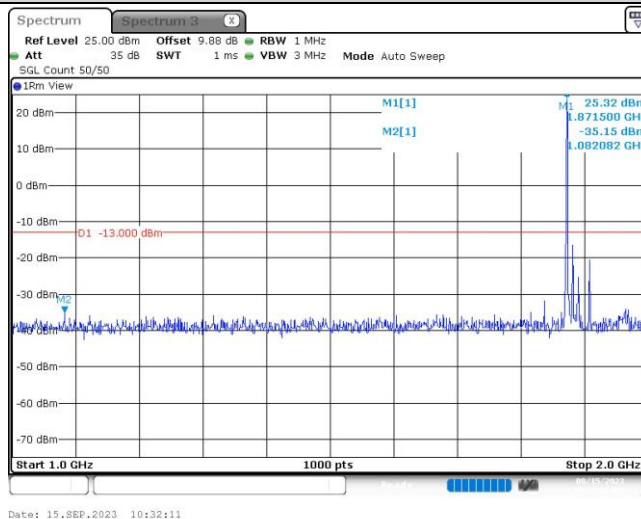
Band2-20MHz-QPSK-18700-1RB#0-Range3:2000~20000MHz



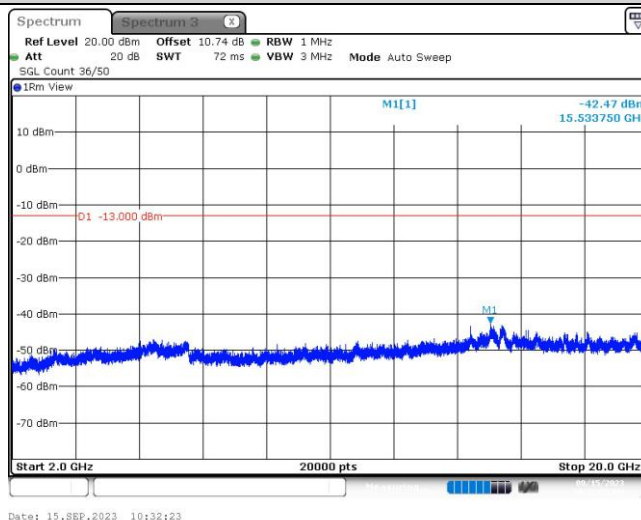
Band2-20MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



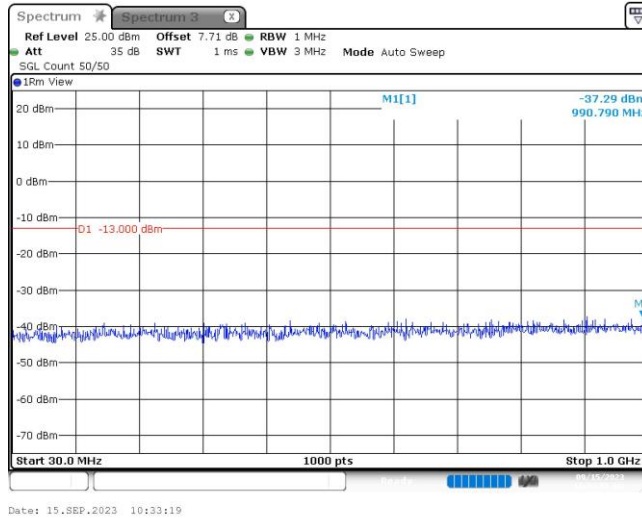
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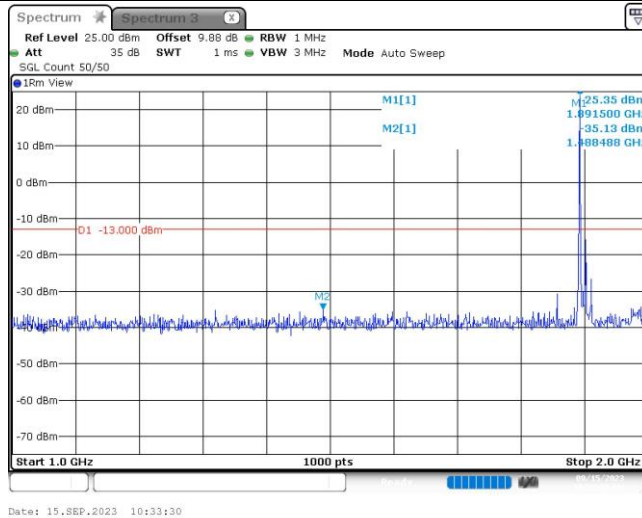
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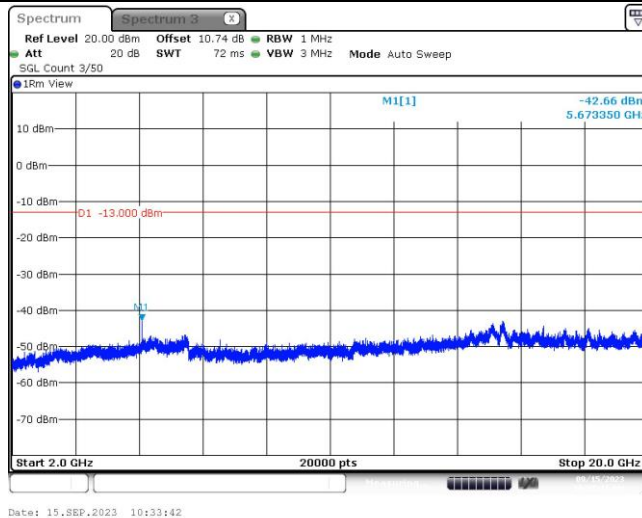
Band2-20MHz-QPSK-19100-1RB#0-Range1:30~1000MHz



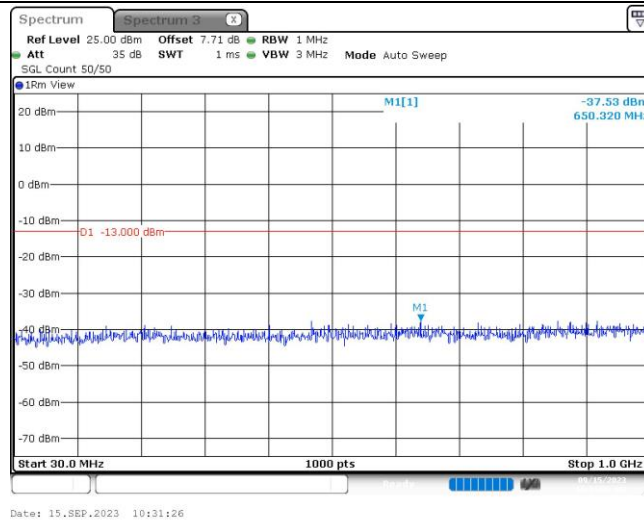
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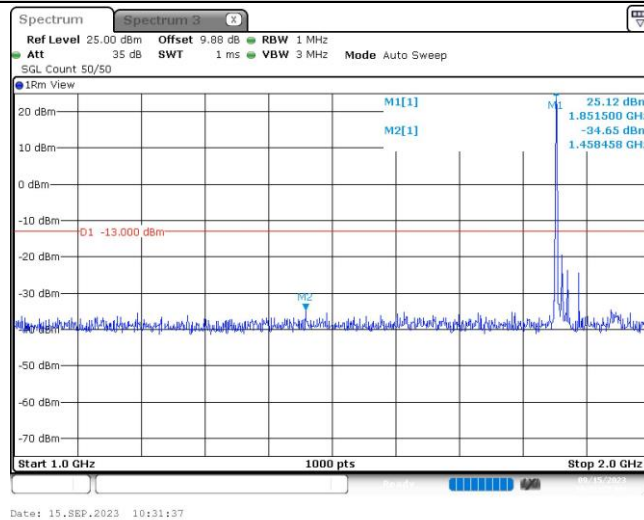
Band2-20MHz-QPSK-19100-1RB#0-Range3:2000~20000MHz



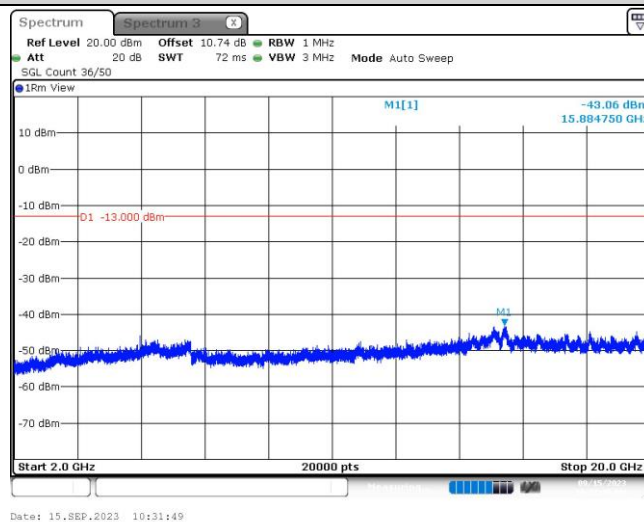
Band2-20MHz-16QAM-18700-1RB#0-Range1:30~1000MHz



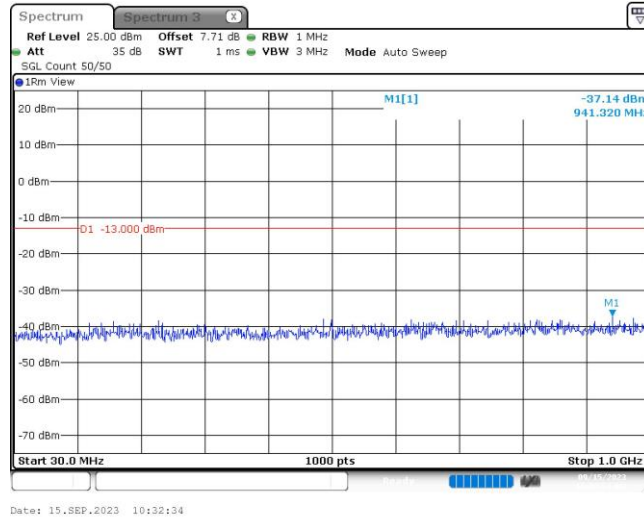
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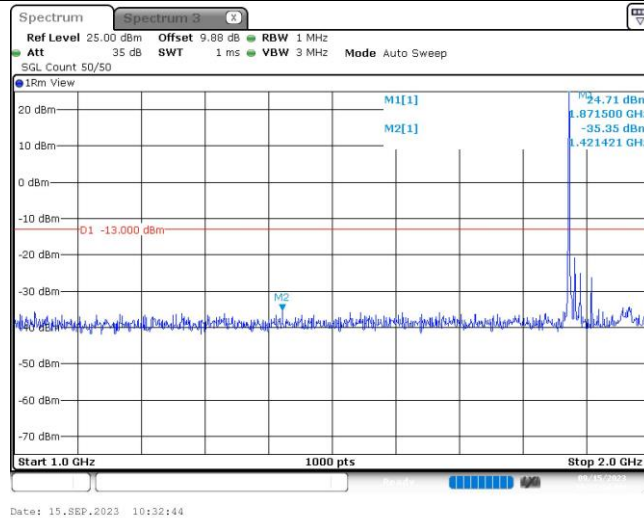
Band2-20MHz-16QAM-18700-1RB#0-Range3:2000~20000MHz



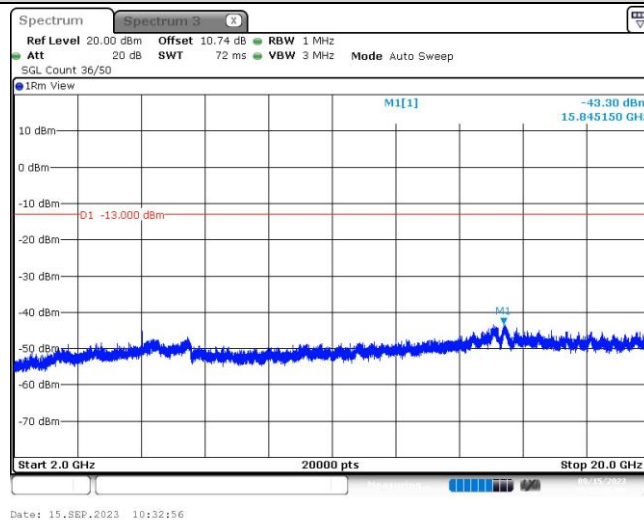
Band2-20MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



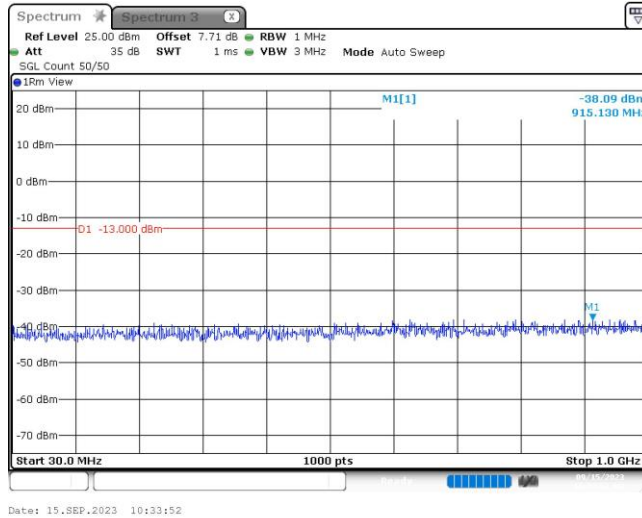
Band2-20MHz-16QAM-18900-1RB#0-Range2:1000~2000MHz



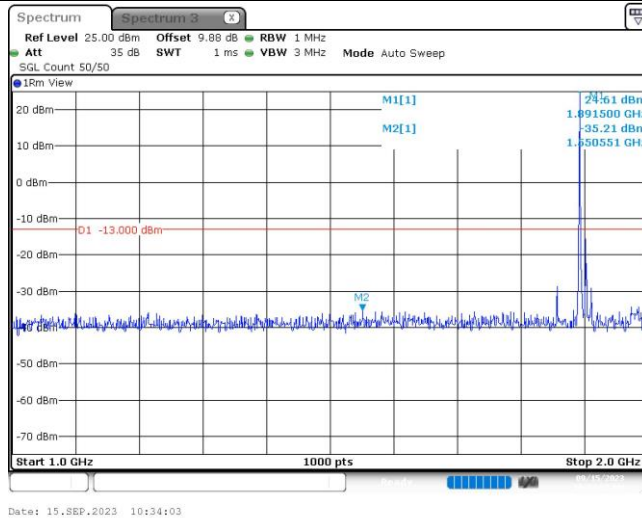
Band2-20MHz-16QAM-18900-1RB#0-Range3:2000~20000MHz



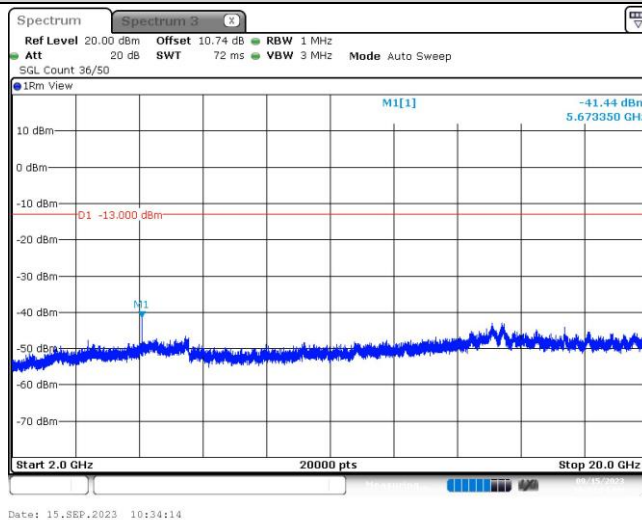
Band2-20MHz-16QAM-19100-1RB#0-Range1:30~1000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range2:1000~2000MHz



Band2-20MHz-16QAM-19100-1RB#0-Range3:2000~20000MHz



## APPENDIX D.6: FREQUENCY STABILITY

### Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	VL	NT	4.91	0.002640	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VN	NT	-3.68	-0.001978	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	VH	NT	6.27	0.003371	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-7.20	-0.003830	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-10.10	-0.005372	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-6.05	-0.003218	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VL	NT	-5.78	-0.003042	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VN	NT	-9.53	-0.005016	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	VH	NT	-6.18	-0.003253	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VL	NT	-6.01	-0.003231	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VN	NT	4.73	0.002543	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	VH	NT	-3.88	-0.002086	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VL	NT	-7.02	-0.003734	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VN	NT	-5.04	-0.002681	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	VH	NT	-8.93	-0.004750	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VL	NT	-5.81	-0.003058	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VN	NT	-5.11	-0.002689	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	VH	NT	-6.98	-0.003674	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	20MHz	QPSK	18700	100RB#0	NV	-30	3.23	0.001737	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	-20	3.93	0.002113	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	0	6.42	0.003452	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	10	5.24	0.002817	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	20	4.89	0.002629	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	30	5.49	0.002952	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	40	4.05	0.002177	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	50	4.92	0.002645	±2.5	PASS
Band2	20MHz	QPSK	18700	100RB#0	NV	55	5.52	0.002968	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-8.53	-0.004537	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-6.41	-0.003410	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-7.52	-0.004000	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-5.66	-0.003011	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-7.24	-0.003851	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	-6.27	-0.003335	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-6.51	-0.003463	±2.5	PASS



Band2	20MHz	QPSK	18900	100RB#0	NV	50	-6.72	-0.003574	±2.5	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	55	-7.62	-0.004053	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-30	-5.68	-0.002989	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	-20	-6.84	-0.003600	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	0	-7.90	-0.004158	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	10	-7.30	-0.003842	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	20	-6.79	-0.003574	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	30	-4.55	-0.002395	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	40	-5.62	-0.002958	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	50	-7.05	-0.003711	±2.5	PASS
Band2	20MHz	QPSK	19100	100RB#0	NV	55	-7.20	-0.003789	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-30	-4.98	-0.002677	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	-20	2.95	0.001586	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	0	4.82	0.002591	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	10	-5.56	-0.002989	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	20	2.63	0.001414	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	30	4.62	0.002484	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	40	4.02	0.002161	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	50	3.59	0.001930	±2.5	PASS
Band2	20MHz	16QAM	18700	100RB#0	NV	55	4.63	0.002489	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-30	-8.70	-0.004628	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	-20	-6.25	-0.003324	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	0	-4.84	-0.002574	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	10	-8.38	-0.004457	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	20	-4.26	-0.002266	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	30	-6.91	-0.003676	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	40	-6.27	-0.003335	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	50	-6.72	-0.003574	±2.5	PASS
Band2	20MHz	16QAM	18900	100RB#0	NV	55	-7.01	-0.003729	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-30	-7.31	-0.003847	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	-20	-4.88	-0.002568	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	0	-9.06	-0.004768	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	10	-4.48	-0.002358	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	20	-8.14	-0.004284	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	30	-5.62	-0.002958	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	40	-7.37	-0.003879	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	50	-5.81	-0.003058	±2.5	PASS
Band2	20MHz	16QAM	19100	100RB#0	NV	55	-7.47	-0.003932	±2.5	PASS