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APPENDIX H.1: EFFECTIVE (ISOTROPIC) RADIATED POWER

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.85	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.93	PASS
Band13	5MHz	QPSK	23205	1RB#24	24.01	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.91	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.90	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.97	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.91	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.86	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.78	PASS
Band13	5MHz	QPSK	23230	1RB#24	24.04	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.96	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.88	PASS
Band13	5MHz	QPSK	23230	12RB#13	22.83	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.88	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.95	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.77	PASS
Band13	5MHz	QPSK	23255	1RB#24	24.02	PASS
Band13	5MHz	QPSK	23255	12RB#0	22.92	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.94	PASS
Band13	5MHz	QPSK	23255	12RB#13	22.81	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.88	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.57	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.43	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.64	PASS
Band13	5MHz	16QAM	23205	12RB#0	21.98	PASS
Band13	5MHz	16QAM	23205	12RB#6	21.98	PASS
Band13	5MHz	16QAM	23205	12RB#13	21.97	PASS
Band13	5MHz	16QAM	23205	25RB#0	22.03	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.97	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.81	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.75	PASS
Band13	5MHz	16QAM	23230	12RB#0	22.01	PASS
Band13	5MHz	16QAM	23230	12RB#6	22.02	PASS
Band13	5MHz	16QAM	23230	12RB#13	21.98	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.94	PASS
Band13	5MHz	16QAM	23255	1RB#0	23.04	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.53	PASS

Band13	5MHz	16QAM	23255	1RB#24	23.13	PASS
Band13	5MHz	16QAM	23255	12RB#0	22.04	PASS
Band13	5MHz	16QAM	23255	12RB#6	22.05	PASS
Band13	5MHz	16QAM	23255	12RB#13	21.83	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.91	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.70	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.79	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.77	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.97	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.97	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.91	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.95	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.74	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.96	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.75	PASS
Band13	10MHz	16QAM	23230	25RB#0	22.03	PASS
Band13	10MHz	16QAM	23230	25RB#12	22.03	PASS
Band13	10MHz	16QAM	23230	25RB#25	21.98	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.91	PASS

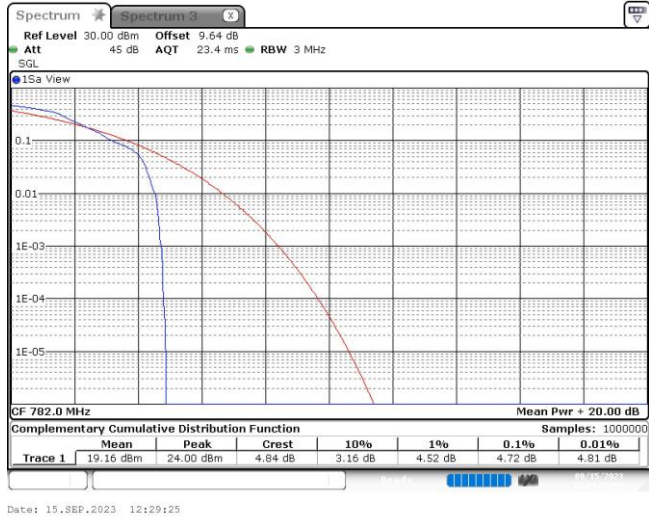
APPENDIX H.2: PEAK-TO AVERAGE RATIO

Test Result

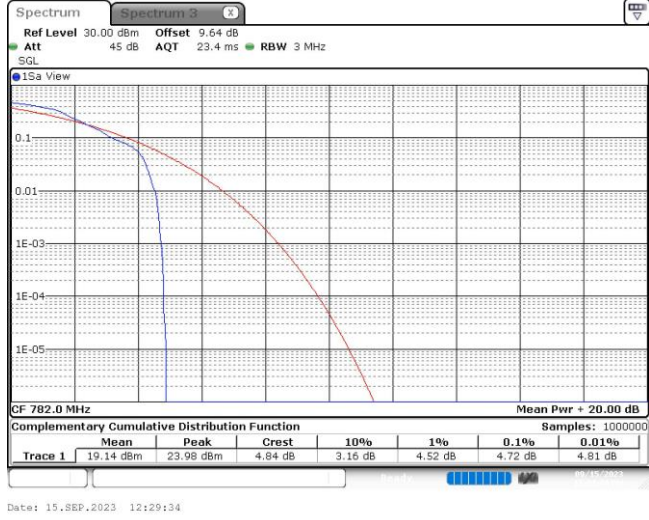
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	10MHz	QPSK	23230	100RB#0	4.72	13	PASS
Band13	10MHz	16QAM	23230	100RB#0	4.72	13	PASS

Test Graphs

Band13-10MHz-QPSK-23230-100RB#0



Band13-10MHz-16QAM-23230-100RB#0

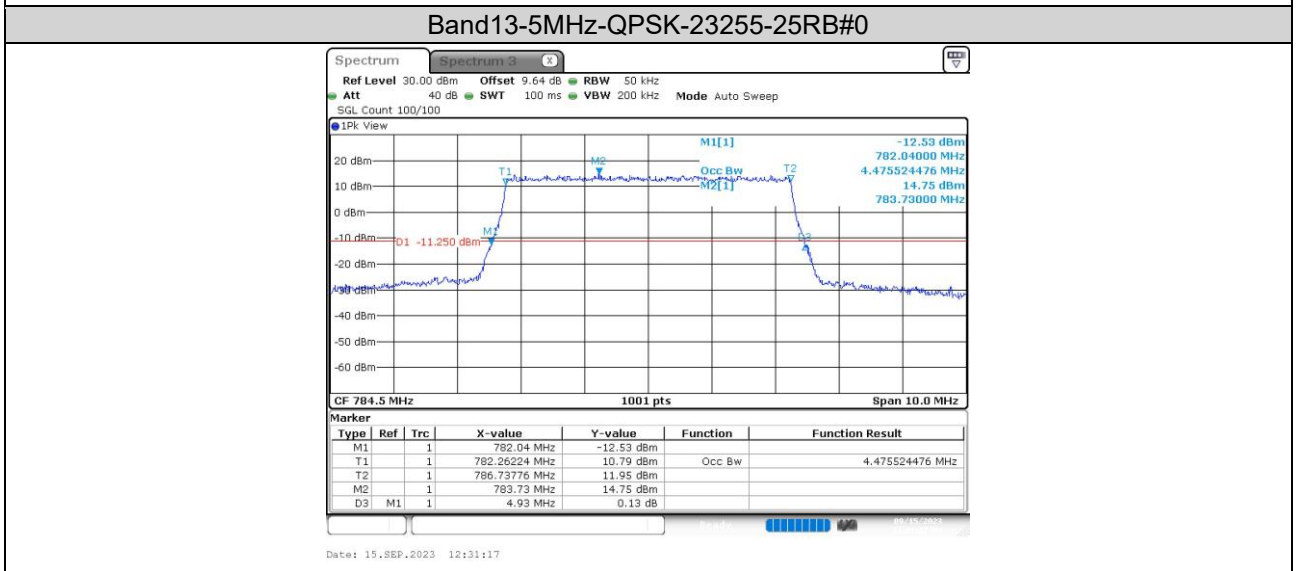
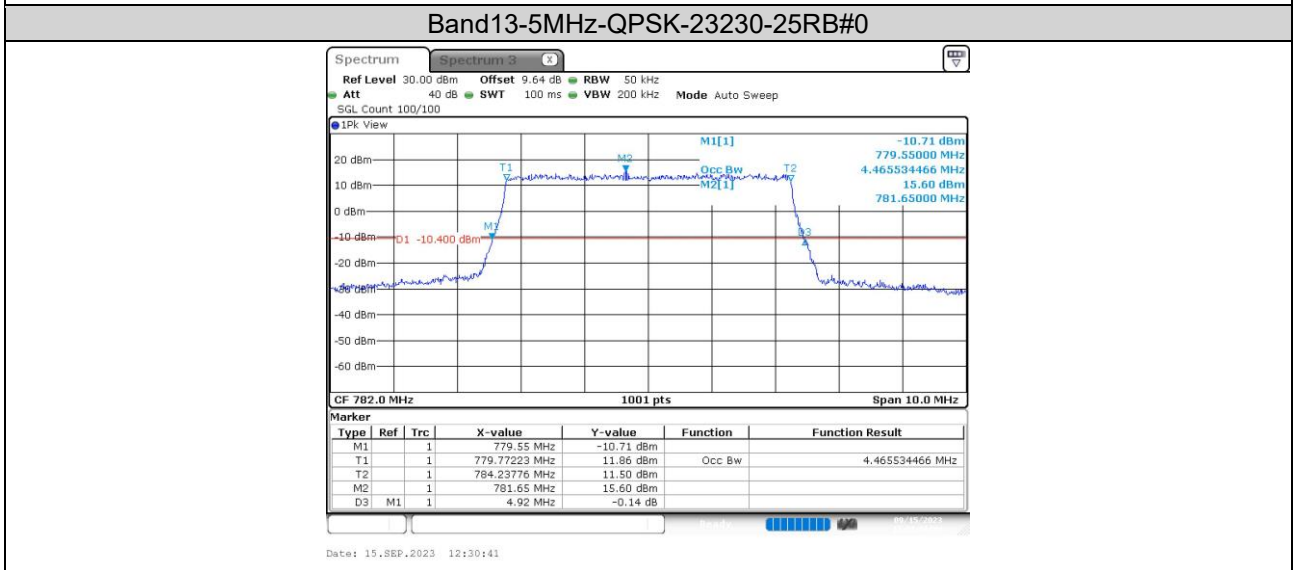
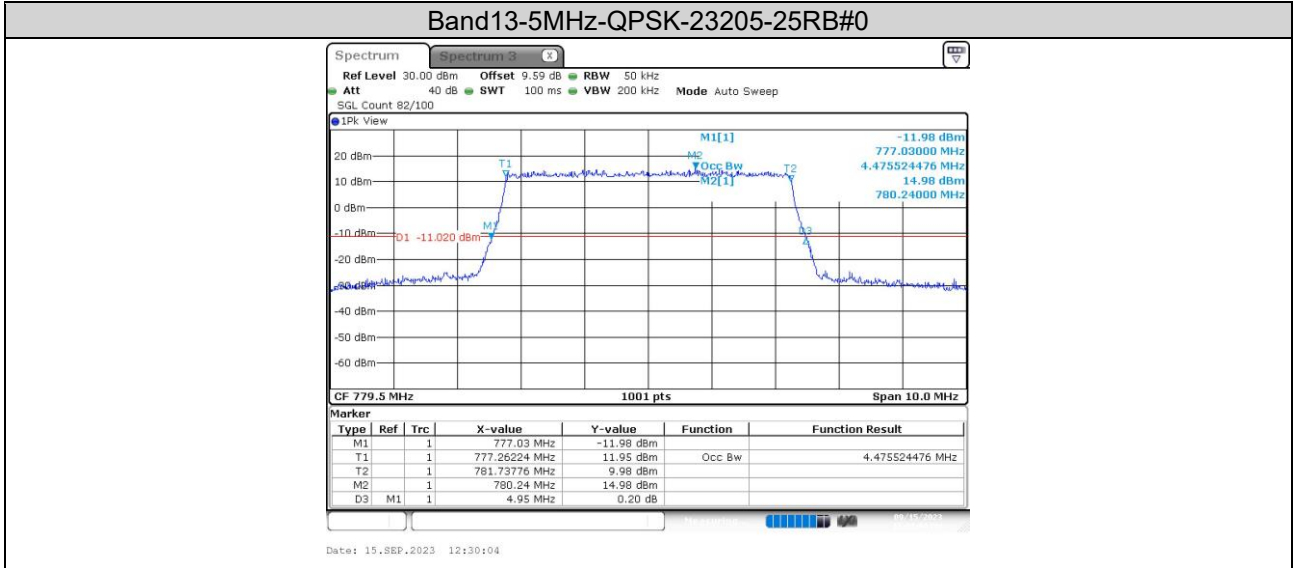


APPENDIX H.3: 26dB BANDWIDTH AND OCCUPIED BANDWIDTH

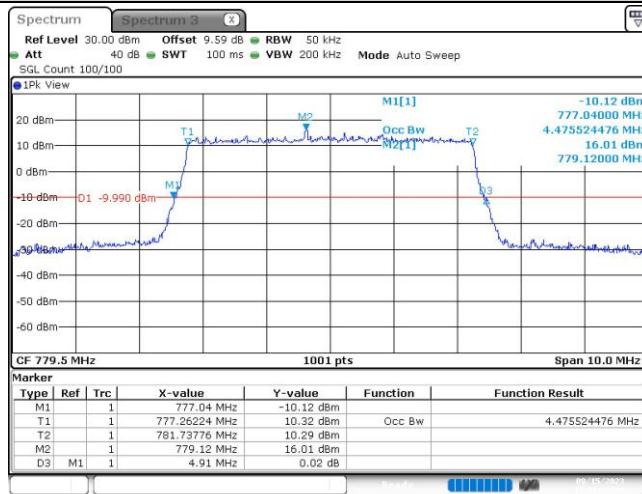
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.476	4.95	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.466	4.92	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.476	4.93	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.476	4.91	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.486	4.96	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.476	4.93	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.918	9.80	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.918	9.73	PASS

Test Graphs

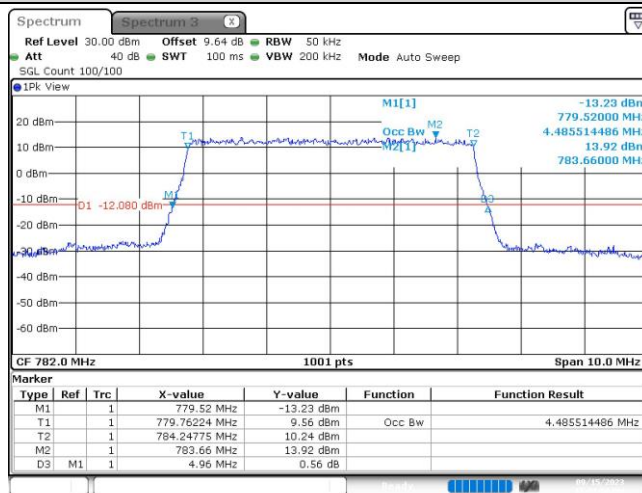


Band13-5MHz-16QAM-23205-25RB#0



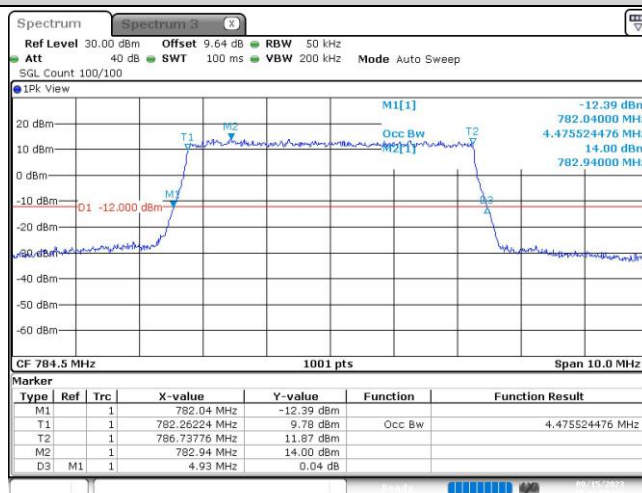
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Band13-5MHz-16QAM-23230-25RB#0



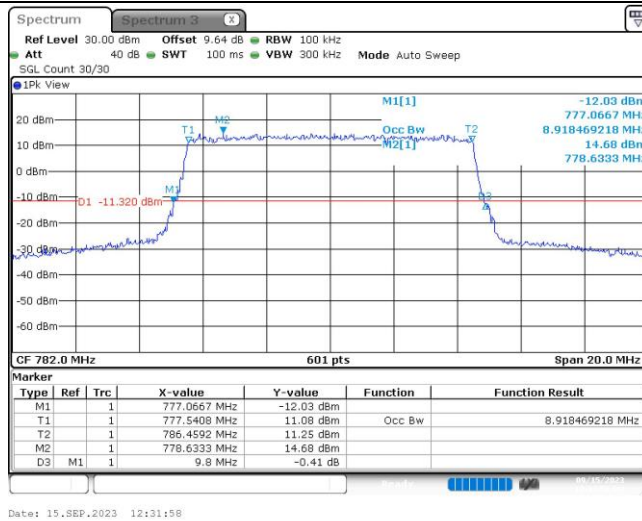
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Band13-5MHz-16QAM-23255-25RB#0



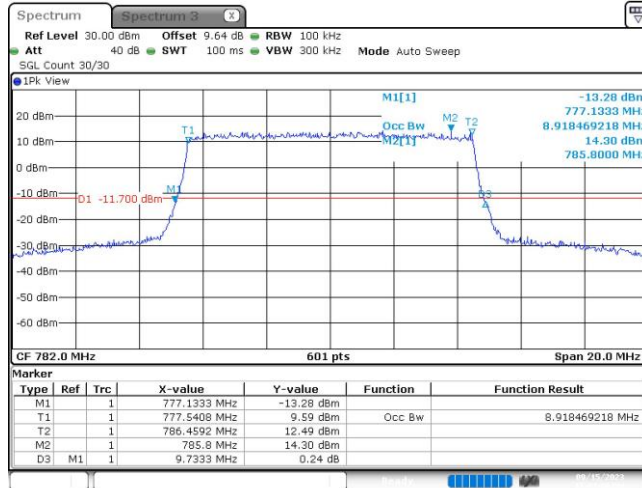
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Band13-10MHz-QPSK-23230-50RB#0



Date: 15_SEP,2023 12:31:58

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



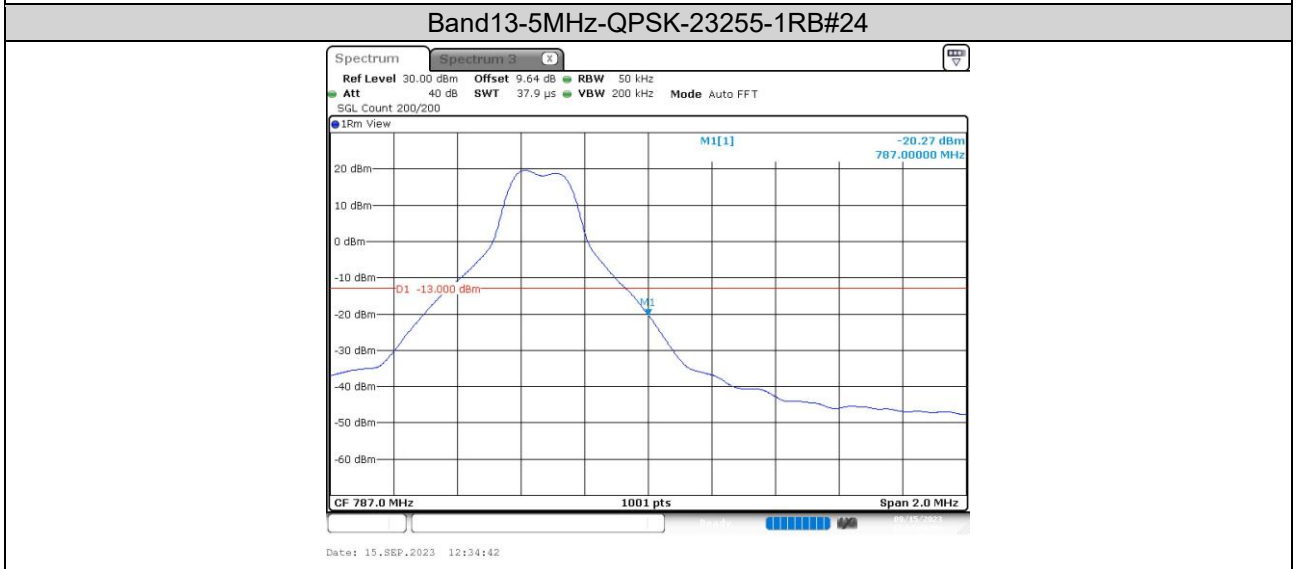
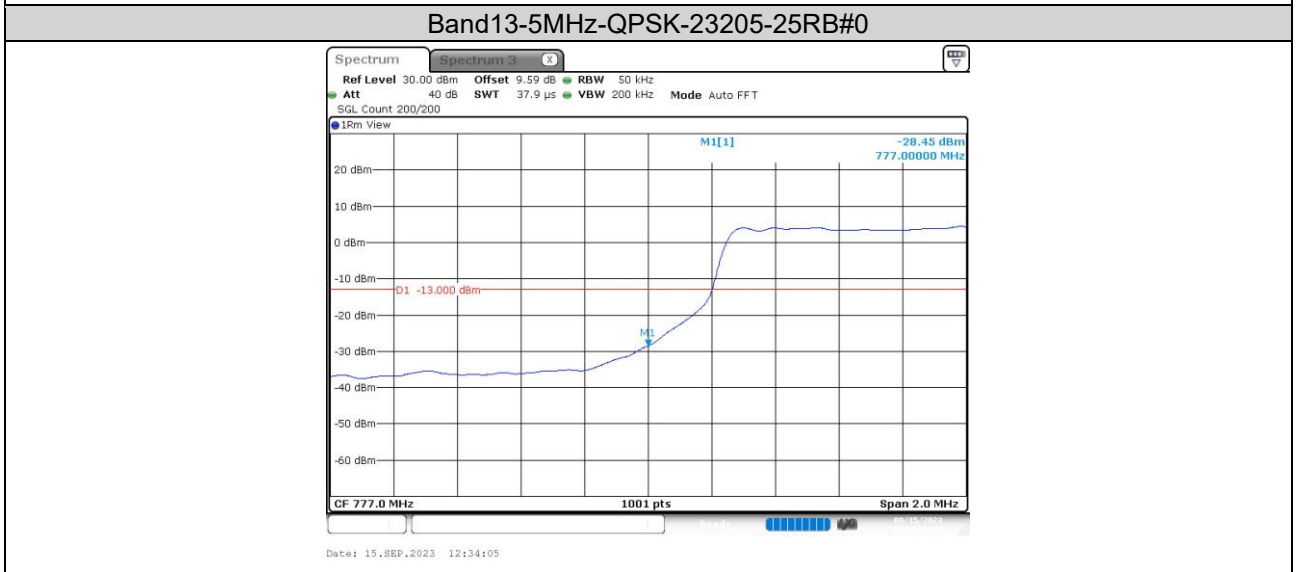
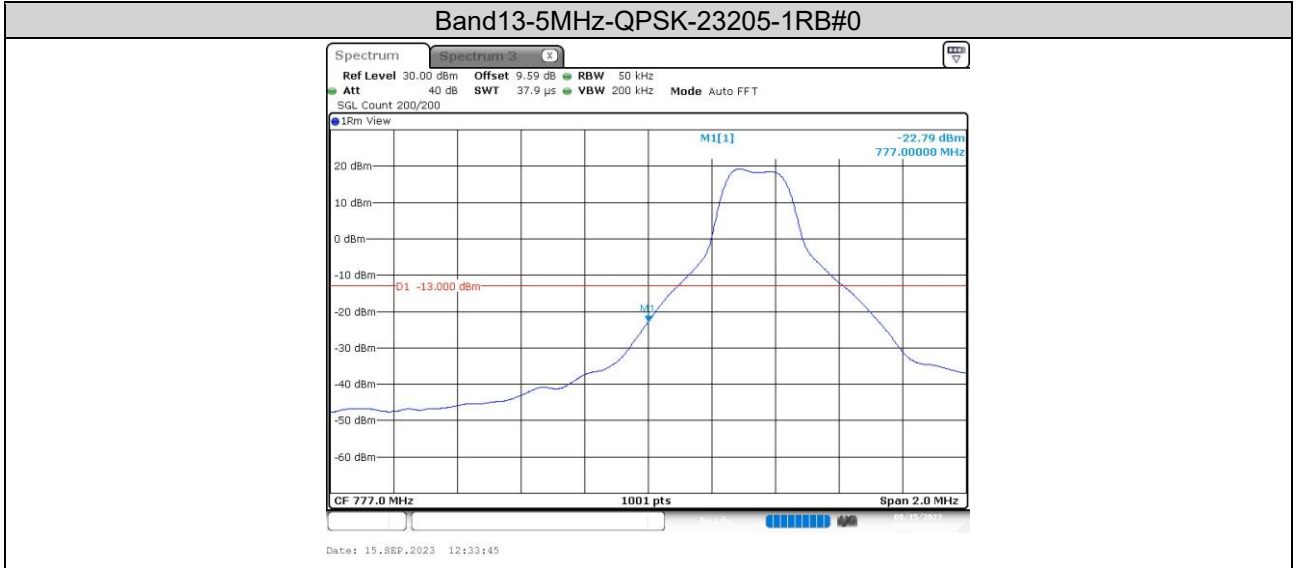
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APPENDIX H.4: BAND EDGE

Test Result

Band	Bandwidth	Modulation	Channel	RB Config.	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-22.79	PASS
Band13	5MHz	QPSK	23205	25RB#0	-28.45	PASS
Band13	5MHz	QPSK	23255	1RB#24	-20.27	PASS
Band13	5MHz	QPSK	23255	25RB#0	-28.67	PASS
Band13	5MHz	16QAM	23205	1RB#0	-23.99	PASS
Band13	5MHz	16QAM	23205	25RB#0	-29.10	PASS
Band13	5MHz	16QAM	23255	1RB#24	-22.54	PASS
Band13	5MHz	16QAM	23255	25RB#0	-30.98	PASS
Band13	10MHz	QPSK	23230	1RB#0	-30.41,-48.07	PASS
Band13	10MHz	QPSK	23230	1RB#49	-47.98,-30.41	PASS
Band13	10MHz	QPSK	23230	50RB#0	-30.32,-31.05	PASS
Band13	10MHz	16QAM	23230	1RB#0	-31.37,-47.97	PASS
Band13	10MHz	16QAM	23230	1RB#49	-47.11,-32.64	PASS
Band13	10MHz	16QAM	23230	50RB#0	-31.31,-32.94	PASS

Test Graphs



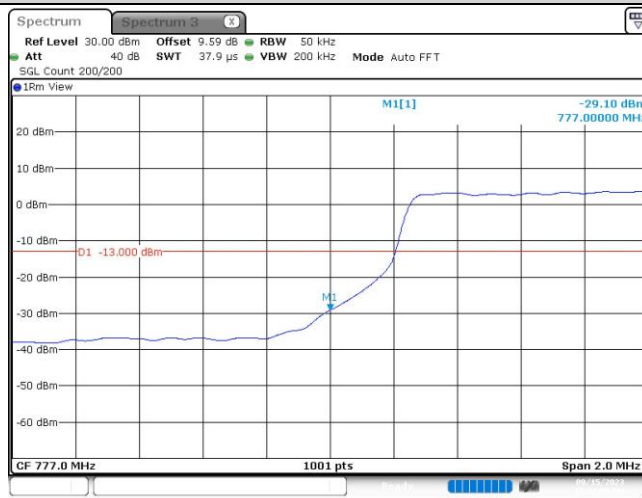
Band13-5MHz-QPSK-23255-25RB#0



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



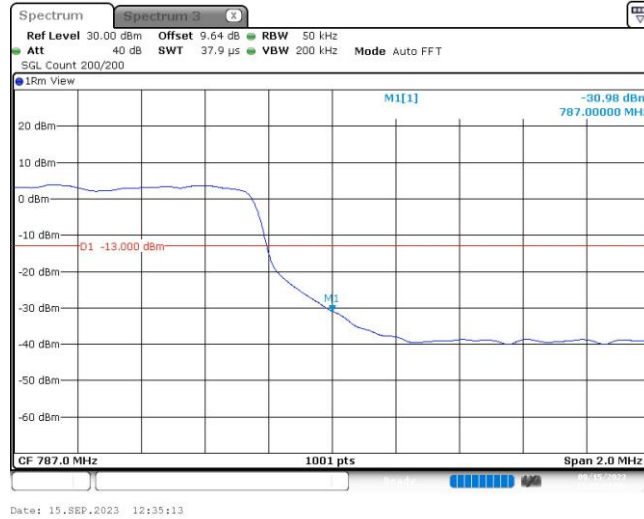
Band13-5MHz-16QAM-23205-25RB#0



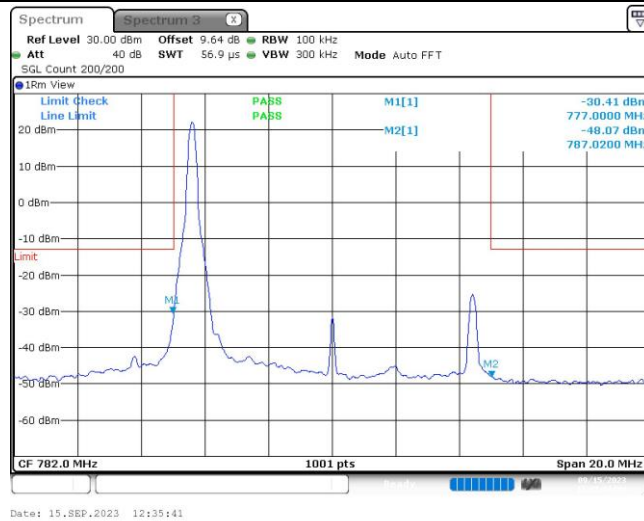
Band13-5MHz-16QAM-23255-1RB#24



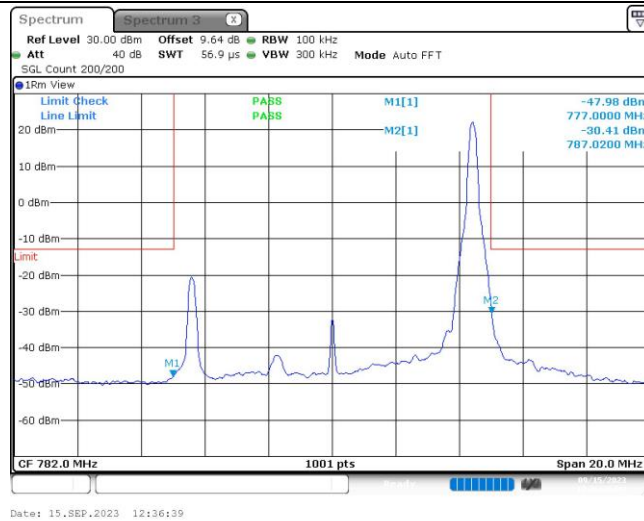
Band13-5MHz-16QAM-23255-25RB#0



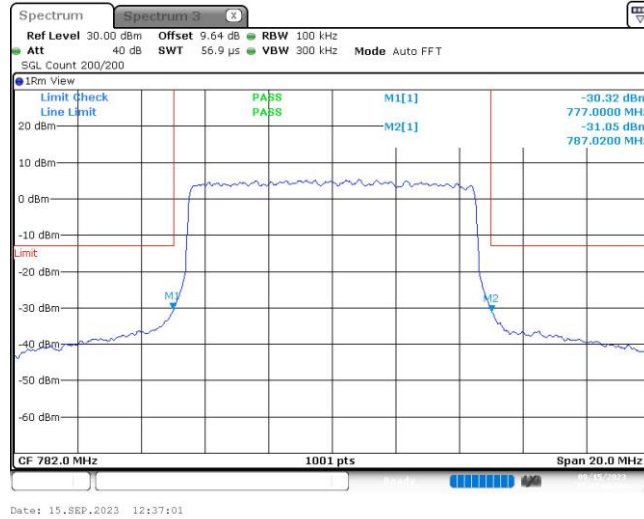
Band13-10MHz-QPSK-23230-1RB#0



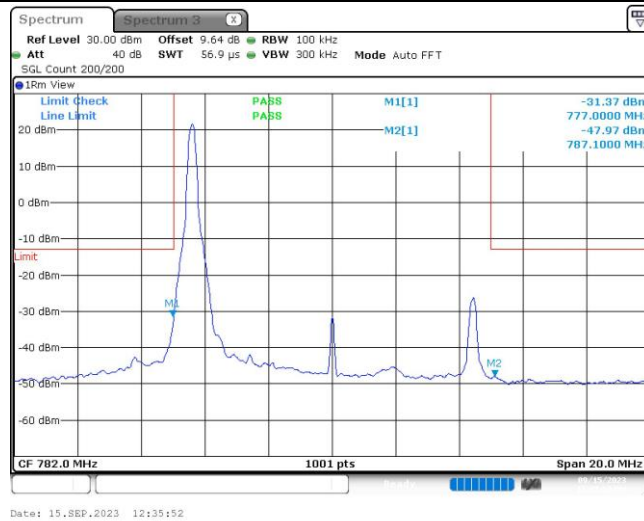
Band13-10MHz-QPSK-23230-1RB#49



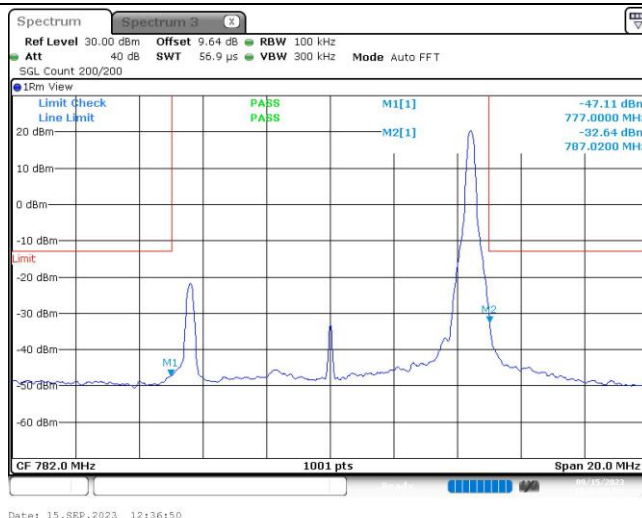
Band13-10MHz-QPSK-23230-50RB#0



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



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



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



APPENDIX H.5: CONDUCTED SPURIOUS EMISSIONS

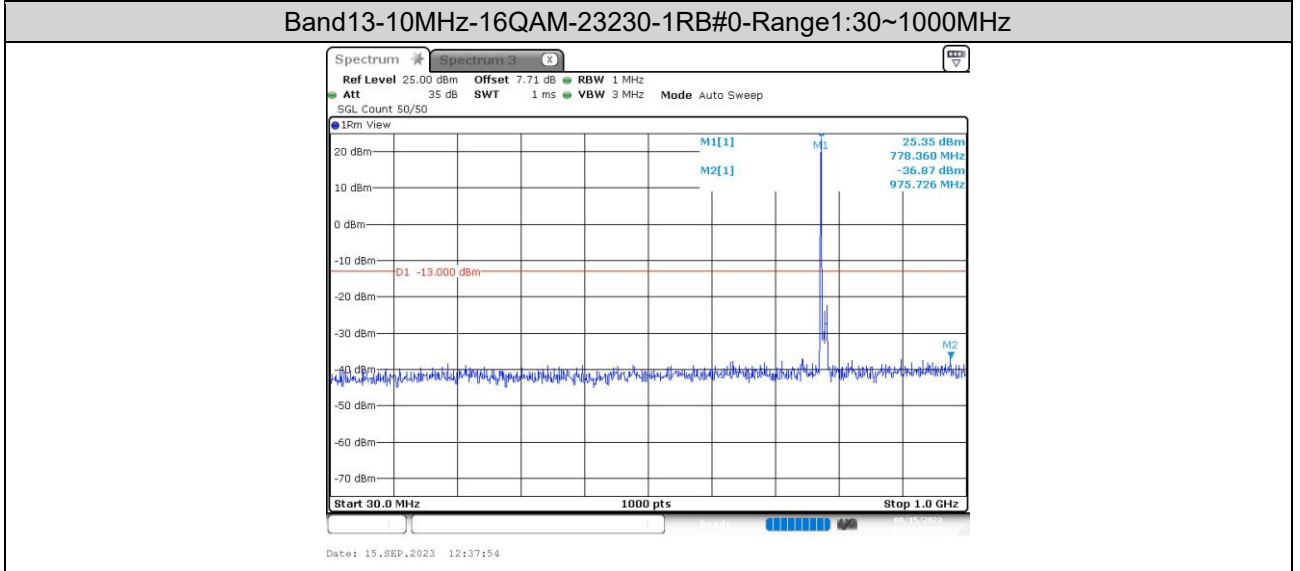
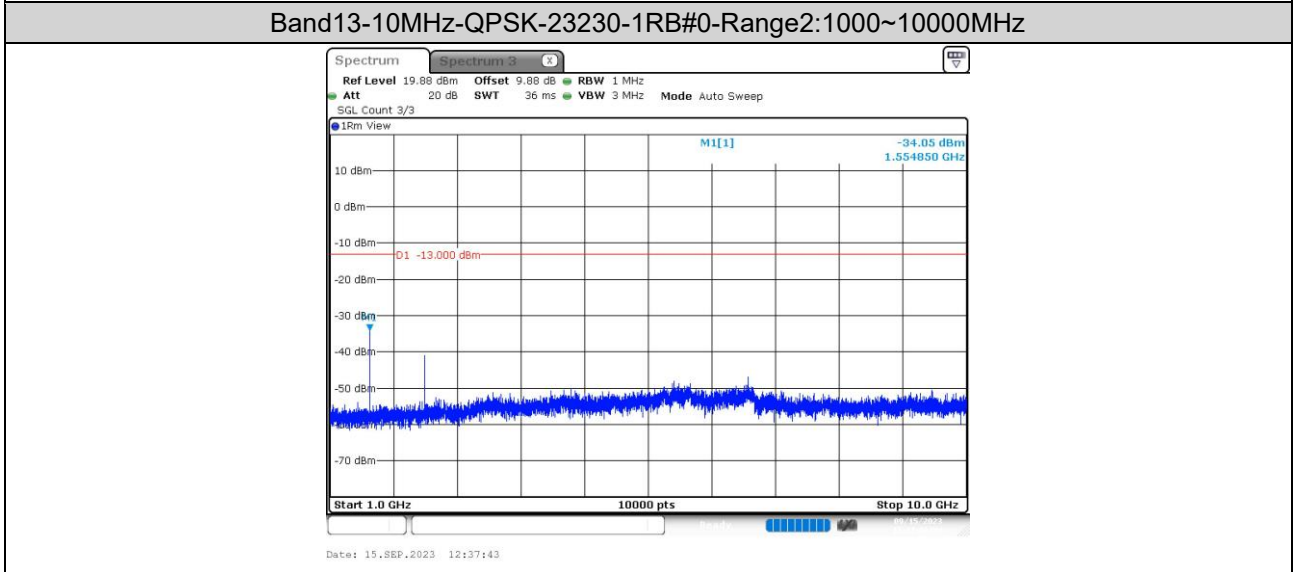
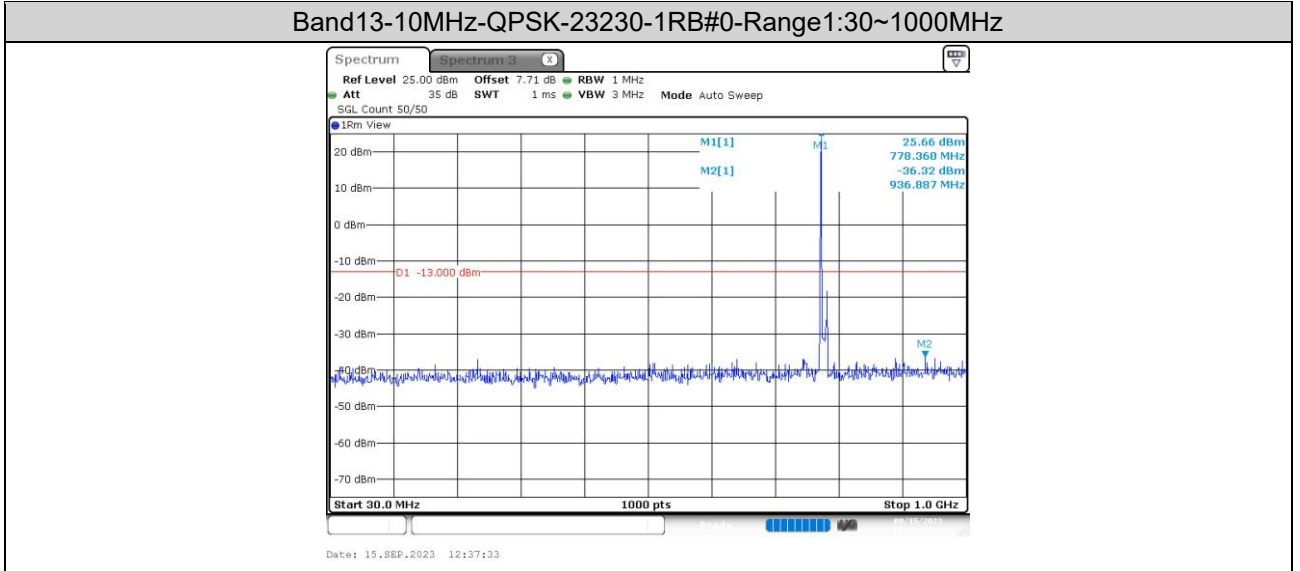
Test Result

General:

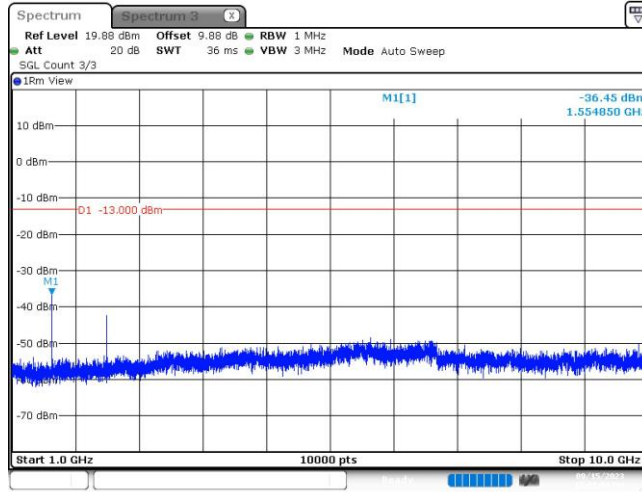
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	10MHz	QPSK	23230	1RB#0	Range1:30~1000MHz	-36.32	PASS
Band13	10MHz	QPSK	23230	1RB#0	Range2:1000~10000MHz	-34.05	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range1:30~1000MHz	-36.87	PASS
Band13	10MHz	16QAM	23230	1RB#0	Range2:1000~10000MHz	-36.45	PASS

Test Graphs

General:



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



Date: 15. SEP. 2023 12:38:04

APPENDIX H.6: FREQUENCY STABILITY

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	10MHz	QPSK	23230	100RB#0	VL	NT	-2.85	-0.003645	±2.5	PASS
Band13	10MHz	QPSK	23230	100RB#0	VN	NT	2.93	0.003747	±2.5	PASS
Band13	10MHz	QPSK	23230	100RB#0	VH	NT	-2.00	-0.002558	±2.5	PASS
Band13	10MHz	16QAM	23230	100RB#0	VL	NT	1.22	0.001560	±2.5	PASS
Band13	10MHz	16QAM	23230	100RB#0	VN	NT	2.00	0.002558	±2.5	PASS
Band13	10MHz	16QAM	23230	100RB#0	VH	NT	-2.03	-0.002596	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	10MHz	QPSK	23230	100RB#0	NV	-30	-3.26	-0.004169	±2.5	PASS
Band13	10MHz	QPSK	23230	100RB#0	NV	-20	2.46	0.003146	±2.5	PASS
Band13	10MHz	QPSK	23230	100RB#0	NV	0	2.26	0.002890	±2.5	PASS
Band13	10MHz	QPSK	23230	100RB#0	NV	10	3.13	0.004003	±2.5	PASS
Band13	10MHz	QPSK	23230	100RB#0	NV	20	-2.23	-0.002852	±2.5	PASS
Band13	10MHz	QPSK	23230	100RB#0	NV	30	-1.63	-0.002084	±2.5	PASS
Band13	10MHz	QPSK	23230	100RB#0	NV	40	-2.00	-0.002558	±2.5	PASS
Band13	10MHz	QPSK	23230	100RB#0	NV	50	-3.20	-0.004092	±2.5	PASS
Band13	10MHz	QPSK	23230	100RB#0	NV	55	-4.88	-0.006240	±2.5	PASS
Band13	10MHz	16QAM	23230	100RB#0	NV	-30	2.29	0.002928	±2.5	PASS
Band13	10MHz	16QAM	23230	100RB#0	NV	-20	-2.45	-0.003133	±2.5	PASS
Band13	10MHz	16QAM	23230	100RB#0	NV	0	-2.13	-0.002724	±2.5	PASS
Band13	10MHz	16QAM	23230	100RB#0	NV	10	2.72	0.003478	±2.5	PASS
Band13	10MHz	16QAM	23230	100RB#0	NV	20	-1.73	-0.002212	±2.5	PASS
Band13	10MHz	16QAM	23230	100RB#0	NV	30	-2.79	-0.003568	±2.5	PASS
Band13	10MHz	16QAM	23230	100RB#0	NV	40	2.39	0.003056	±2.5	PASS
Band13	10MHz	16QAM	23230	100RB#0	NV	50	-2.59	-0.003312	±2.5	PASS
Band13	10MHz	16QAM	23230	100RB#0	NV	55	2.85	0.003645	±2.5	PASS