

Appendix for LTE Band 13

Applicant: Launch Tech Co., Ltd.

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Product Name: Car Sense Vision

Model: YG5201

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Appendix A: Conducted Output Power

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	10MHz	QPSK	23230	1RB#0	24.06	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.38	PASS
Band13	10MHz	QPSK	23230	1RB#24	24.11	PASS
Band13	10MHz	16QAM	23230	1RB#24	23.42	PASS
Band13	10MHz	QPSK	23230	1RB#49	24.06	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.27	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.89	PASS
Band13	10MHz	16QAM	23230	25RB#0	22.04	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.94	PASS
Band13	10MHz	16QAM	23230	25RB#12	22.05	PASS
Band13	10MHz	QPSK	23230	25RB#25	23.08	PASS
Band13	10MHz	16QAM	23230	25RB#25	22.07	PASS
Band13	10MHz	QPSK	23230	50RB#0	23.06	PASS
Band13	10MHz	16QAM	23230	50RB#0	22.02	PASS
Band13	5MHz	QPSK	23205	1RB#0	23.90	PASS
Band13	5MHz	16QAM	23205	1RB#0	22.50	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.85	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.95	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.84	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.54	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.90	PASS
Band13	5MHz	16QAM	23205	12RB#0	22.24	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.98	PASS
Band13	5MHz	16QAM	23205	12RB#6	21.83	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.90	PASS
Band13	5MHz	16QAM	23205	12RB#13	21.83	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.82	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.87	PASS
Band13	5MHz	QPSK	23230	1RB#0	24.03	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.34	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.64	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.32	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.99	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.39	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.92	PASS
Band13	5MHz	16QAM	23230	12RB#0	21.92	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.88	PASS
Band13	5MHz	16QAM	23230	12RB#6	21.85	PASS

Band13	5MHz	QPSK	23230	12RB#13	23.05	PASS
Band13	5MHz	16QAM	23230	12RB#13	22.01	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.85	PASS
Band13	5MHz	16QAM	23230	25RB#0	22.05	PASS
Band13	5MHz	QPSK	23255	1RB#0	24.04	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.58	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.83	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.88	PASS
Band13	5MHz	QPSK	23255	1RB#24	24.04	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.63	PASS
Band13	5MHz	QPSK	23255	12RB#0	22.92	PASS
Band13	5MHz	16QAM	23255	12RB#0	22.00	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.98	PASS
Band13	5MHz	16QAM	23255	12RB#6	21.95	PASS
Band13	5MHz	QPSK	23255	12RB#13	23.00	PASS
Band13	5MHz	16QAM	23255	12RB#13	21.95	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.88	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.83	PASS

Appendix B: Peak-to-Average Ratio(CCDF)

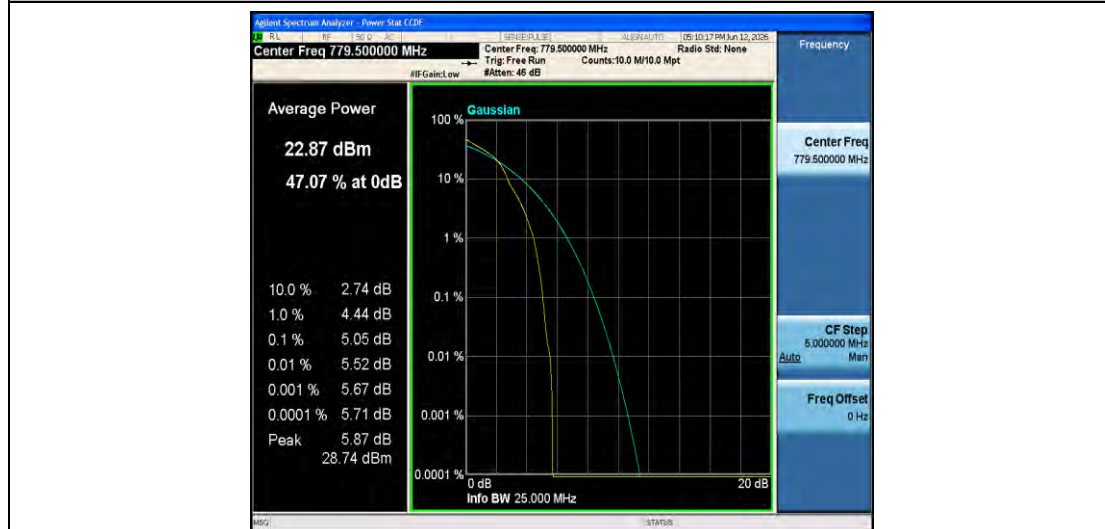
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	4.19	13	PASS
Band13	5MHz	16QAM	23205	1RB#0	5.05	13	PASS
Band13	5MHz	QPSK	23205	25RB#0	4.91	13	PASS
Band13	5MHz	16QAM	23205	25RB#0	5.68	13	PASS
Band13	5MHz	QPSK	23230	1RB#0	4.36	13	PASS
Band13	5MHz	16QAM	23230	1RB#0	5.28	13	PASS
Band13	5MHz	QPSK	23230	25RB#0	5.02	13	PASS
Band13	5MHz	16QAM	23230	25RB#0	5.71	13	PASS
Band13	5MHz	QPSK	23255	1RB#0	4.54	13	PASS
Band13	5MHz	16QAM	23255	1RB#0	5.46	13	PASS
Band13	5MHz	QPSK	23255	25RB#0	5.19	13	PASS
Band13	5MHz	16QAM	23255	25RB#0	5.92	13	PASS
Band13	10MHz	QPSK	23230	1RB#0	4.32	13	PASS
Band13	10MHz	16QAM	23230	1RB#0	5.10	13	PASS
Band13	10MHz	QPSK	23230	50RB#0	5.15	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.89	13	PASS

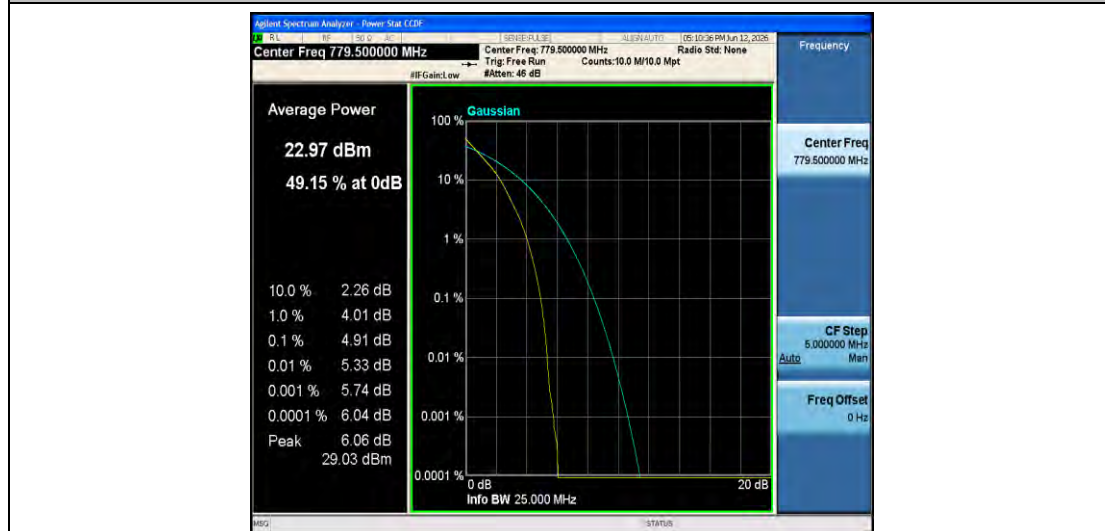
Test Graphs



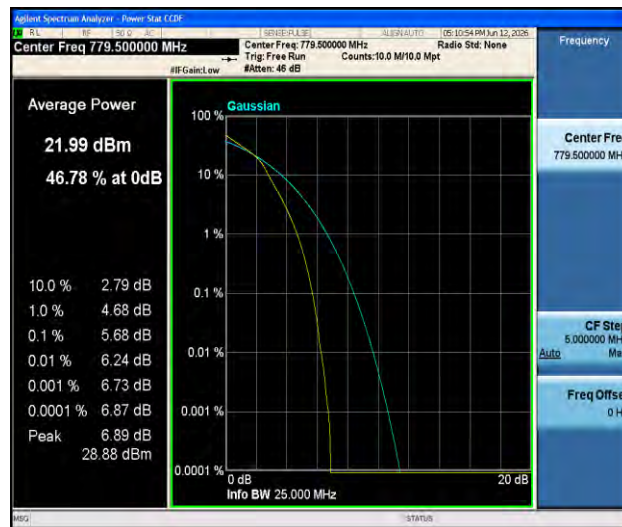
Band13-5MHz-QPSK-23205-1RB#0-PASS



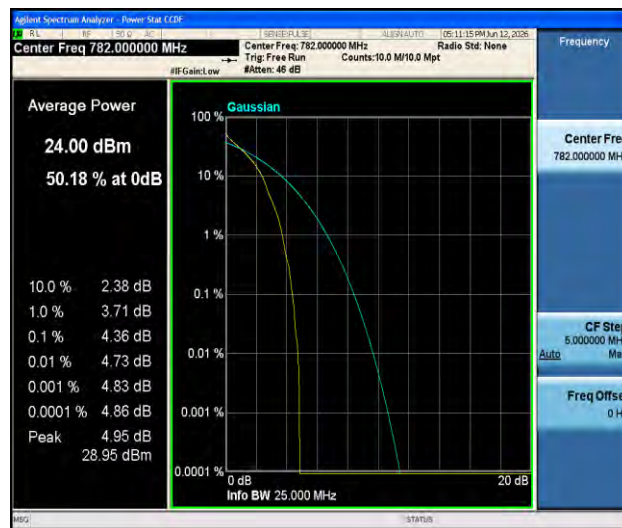
Band13-5MHz-16QAM-23205-1RB#0-PASS



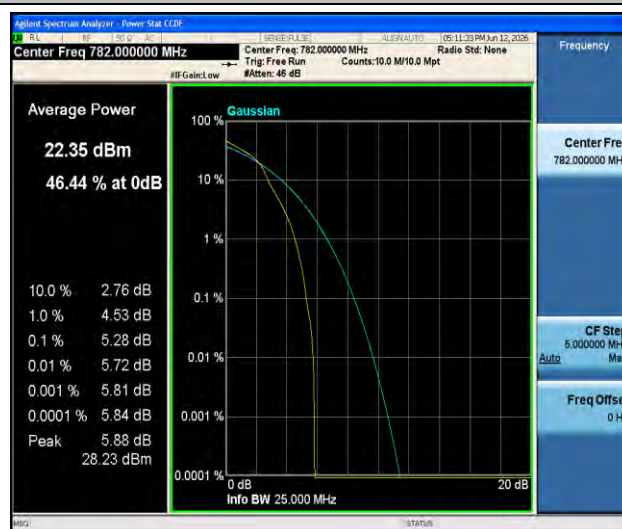
Band13-5MHz-QPSK-23205-25RB#0-PASS



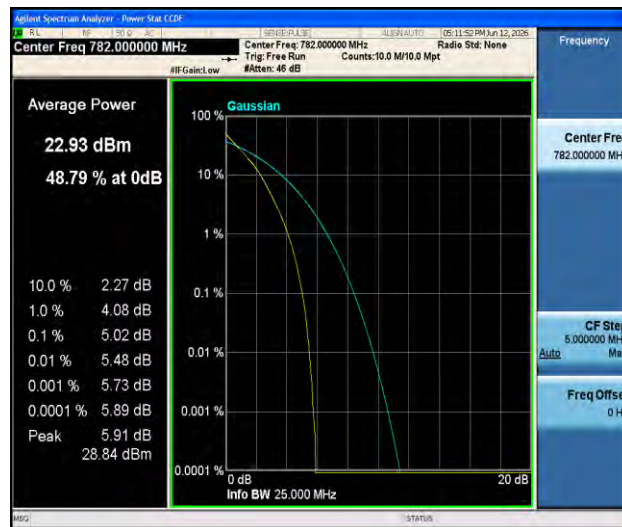
Band13-5MHz-16QAM-23205-25RB#0-PASS



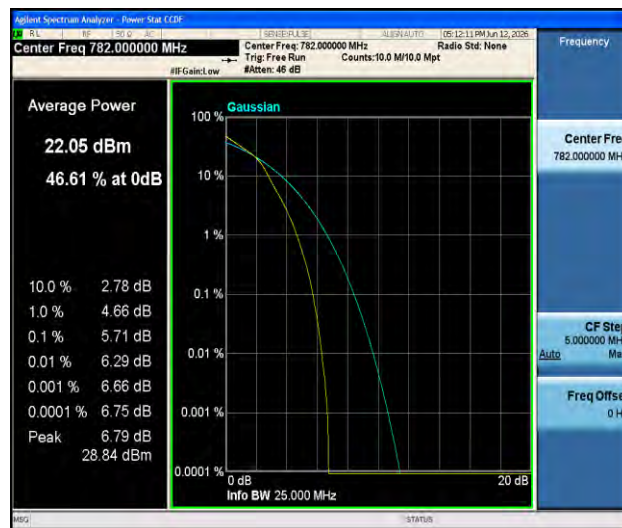
Band13-5MHz-QPSK-23230-1RB#0-PASS



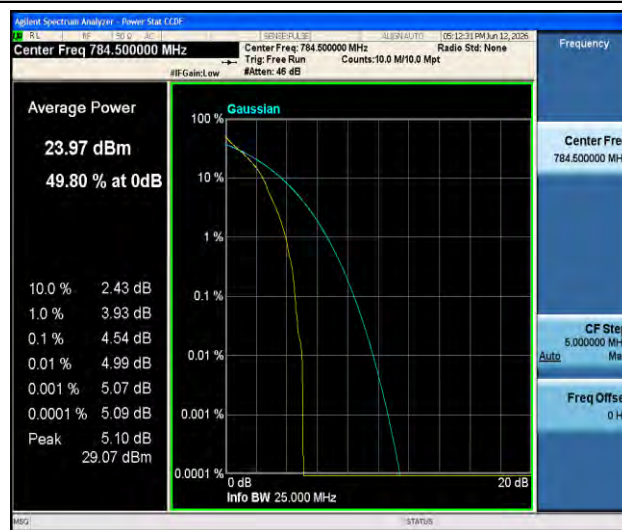
Band13-5MHz-16QAM-23230-1RB#0-PASS



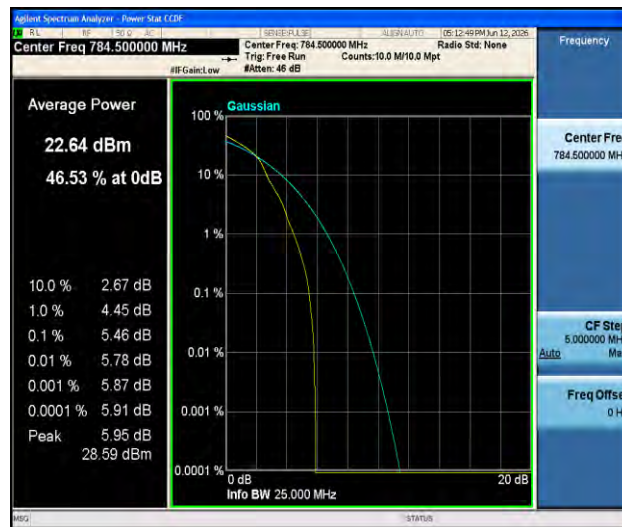
Band13-5MHz-QPSK-23230-25RB#0-PASS



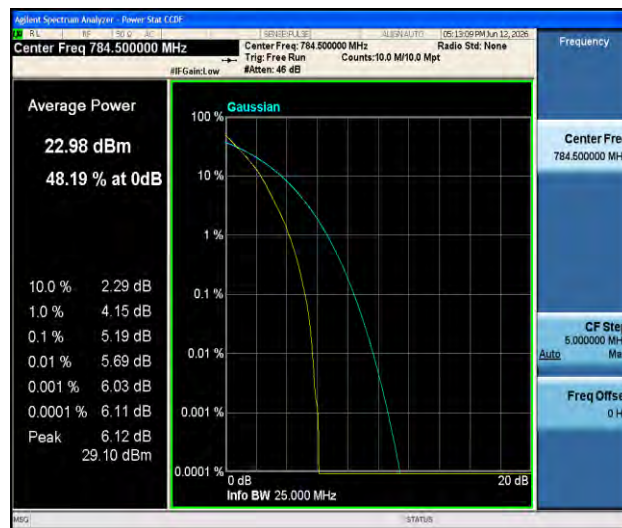
Band13-5MHz-16QAM-23230-25RB#0-PASS



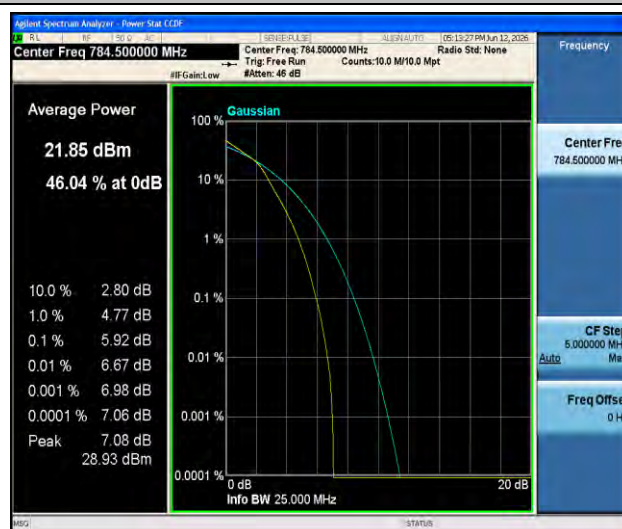
Band13-5MHz-QPSK-23255-1RB#0-PASS



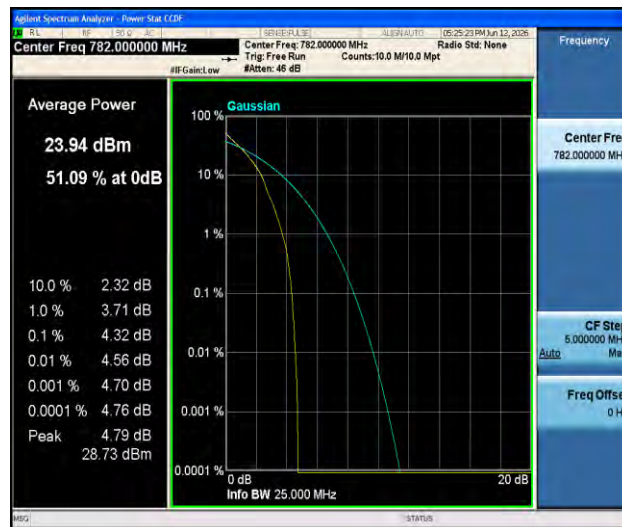
Band13-5MHz-16QAM-23255-1RB#0-PASS



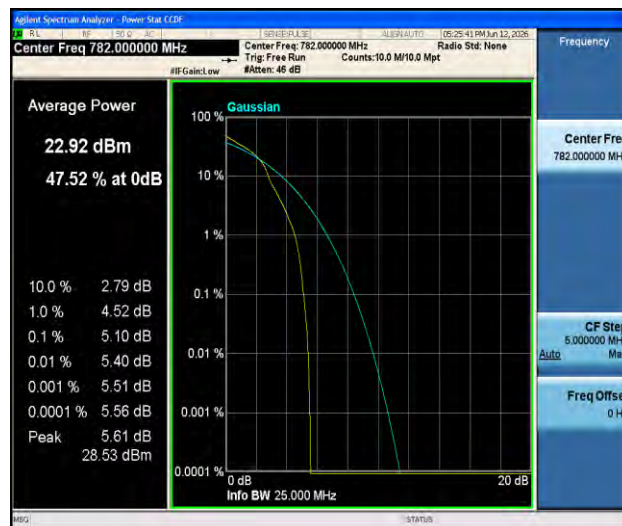
Band13-5MHz-QPSK-23255-25RB#0-PASS



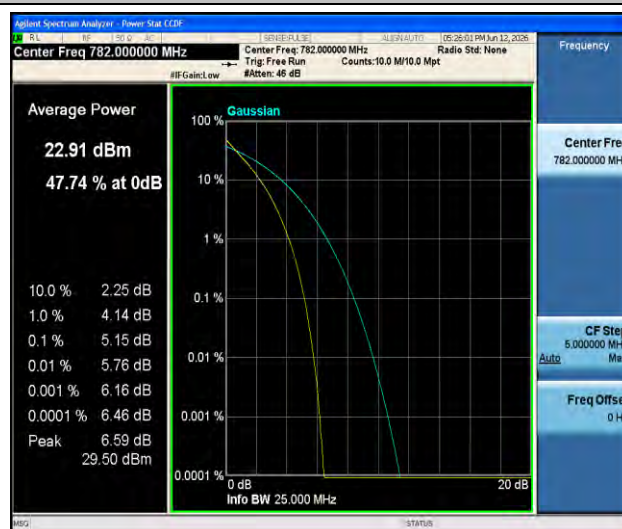
Band13-5MHz-16QAM-23255-25RB#0-PASS



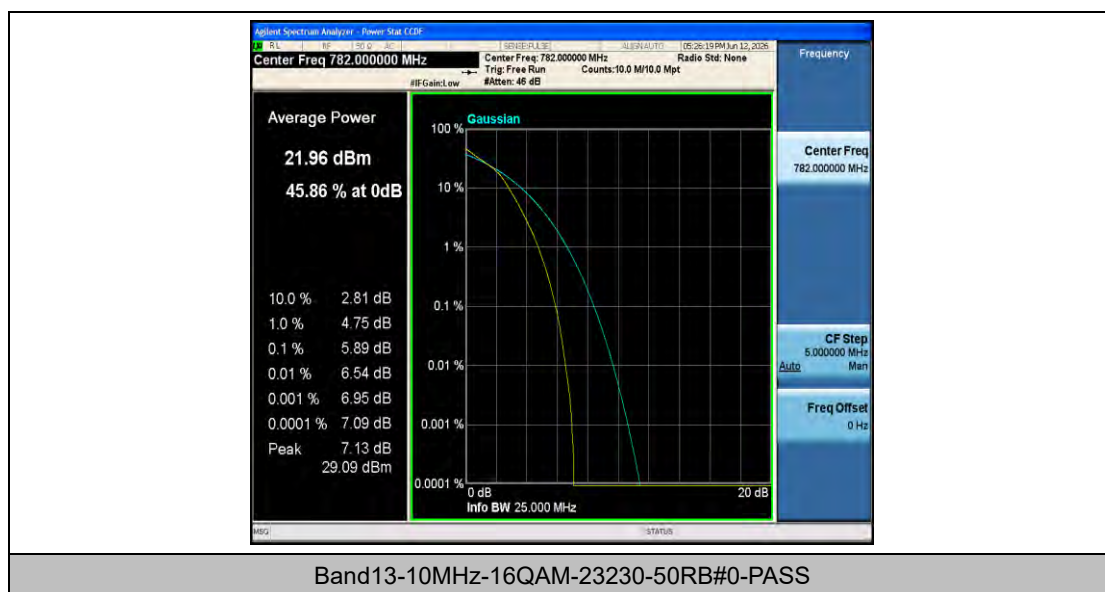
Band13-10MHz-QPSK-23230-1RB#0-PASS



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



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

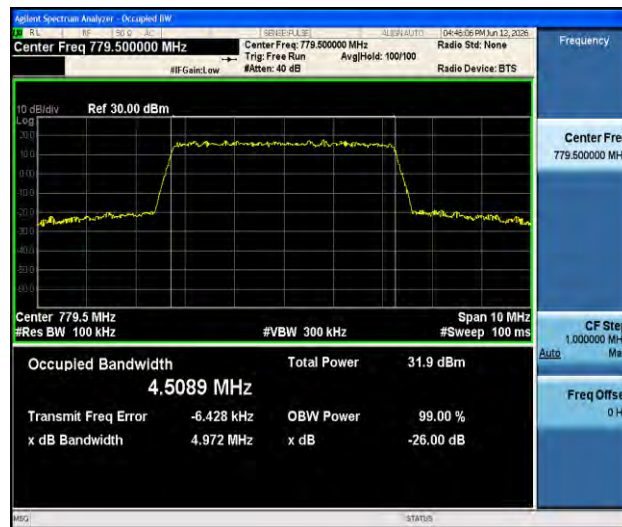


Appendix C: 26dB Bandwidth and Occupied Bandwidth

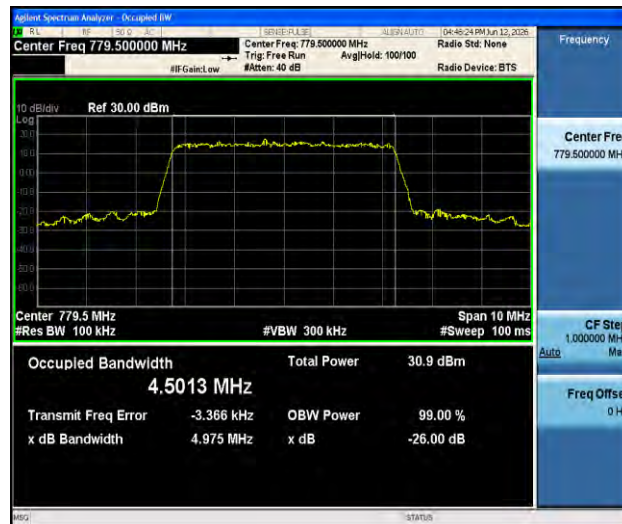
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.5089	4.972	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.5013	4.975	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.4999	4.962	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.5111	4.987	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.5108	4.994	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.5256	4.982	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.9865	9.899	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.9780	9.897	PASS

Test Graphs



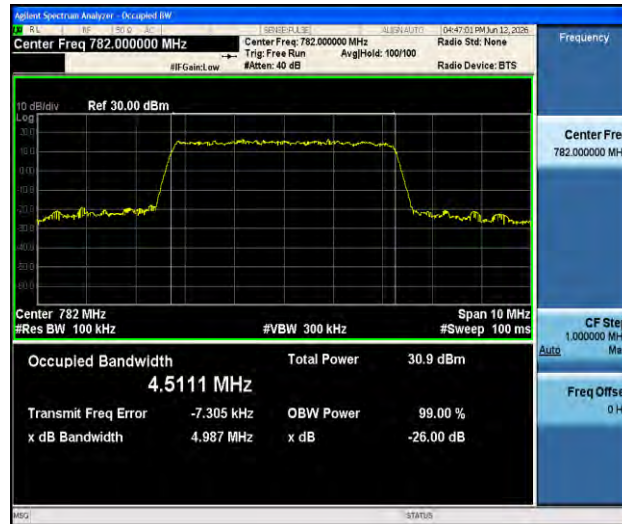
Band13-5MHz-QPSK-23205-25RB#0-PASS



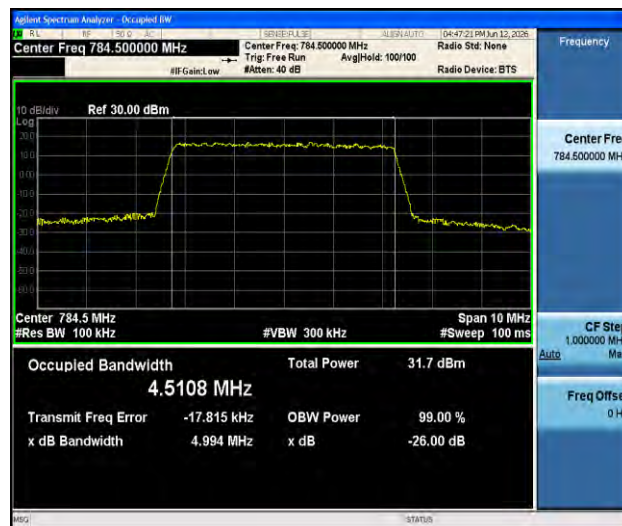
Band13-5MHz-16QAM-23205-25RB#0-PASS



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



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



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



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



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



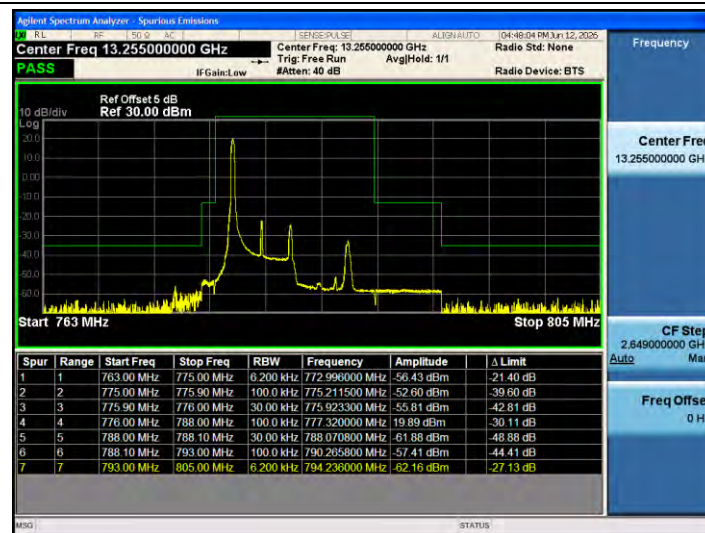
Band13-10MHz-16QAM-23230-50RB#0-PASS

Appendix D: Band Edge

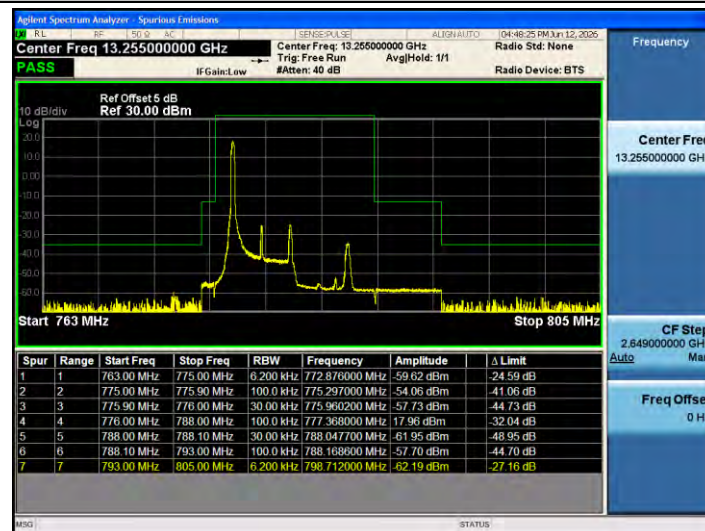
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	-56.43	PASS
Band13	5MHz	16QAM	23205	1RB#0	-59.62	PASS
Band13	5MHz	QPSK	23205	1RB#24	-41.70	PASS
Band13	5MHz	16QAM	23205	1RB#24	-42.44	PASS
Band13	5MHz	QPSK	23205	25RB#0	-46.08	PASS
Band13	5MHz	16QAM	23205	25RB#0	-46.73	PASS
Band13	5MHz	QPSK	23255	1RB#0	-52.19	PASS
Band13	5MHz	16QAM	23255	1RB#0	-53.58	PASS
Band13	5MHz	QPSK	23255	1RB#24	-48.57	PASS
Band13	5MHz	16QAM	23255	1RB#24	-51.75	PASS
Band13	5MHz	QPSK	23255	25RB#0	-55.40	PASS
Band13	5MHz	16QAM	23255	25RB#0	-56.00	PASS
Band13	10MHz	QPSK	23230	1RB#0	-41.99	PASS
Band13	10MHz	16QAM	23230	1RB#0	-42.15	PASS
Band13	10MHz	QPSK	23230	1RB#49	-52.22	PASS
Band13	10MHz	16QAM	23230	1RB#49	-53.87	PASS
Band13	10MHz	QPSK	23230	50RB#0	-45.17	PASS
Band13	10MHz	16QAM	23230	50RB#0	-45.85	PASS

Test Graphs



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



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



Band13-5MHz-QPSK-23205-1RB#24-PASS



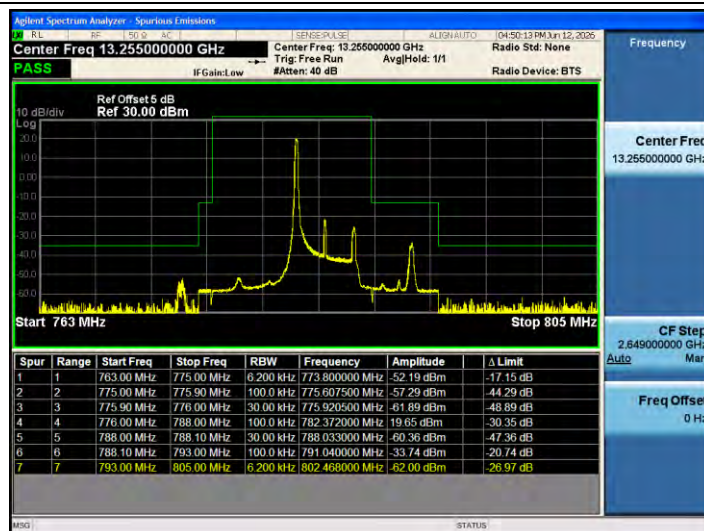
Band13-5MHz-16QAM-23205-1RB#24-PASS



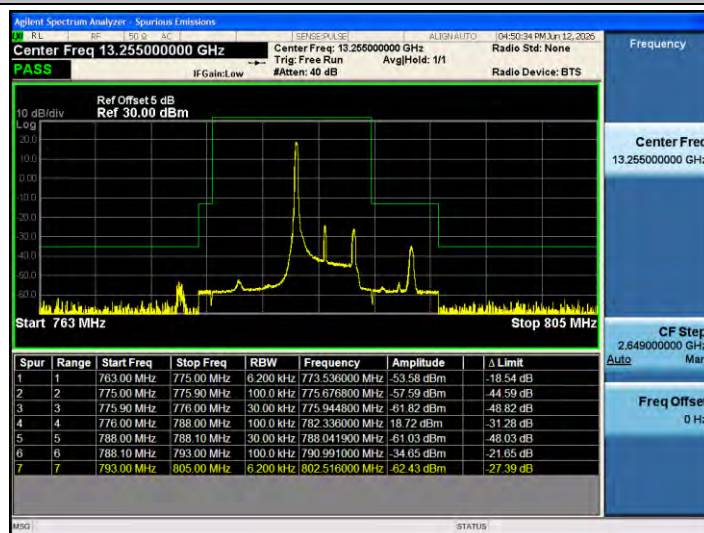
Band13-5MHz-QPSK-23205-25RB#0-PASS



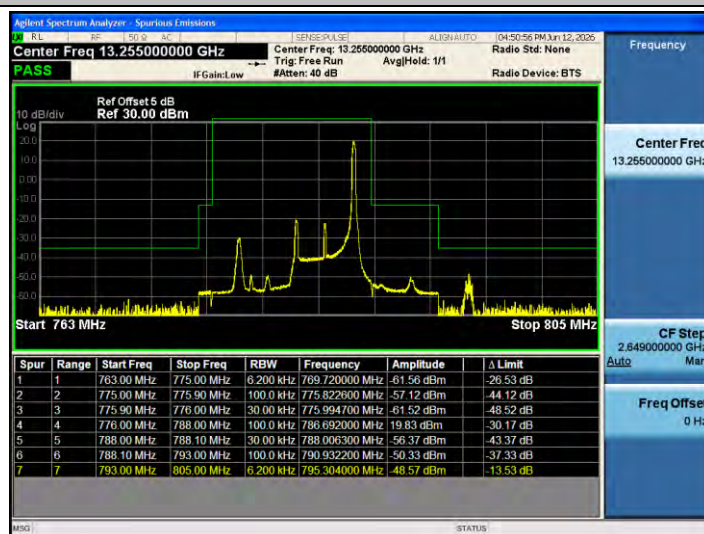
Band13-5MHz-16QAM-23205-25RB#0-PASS



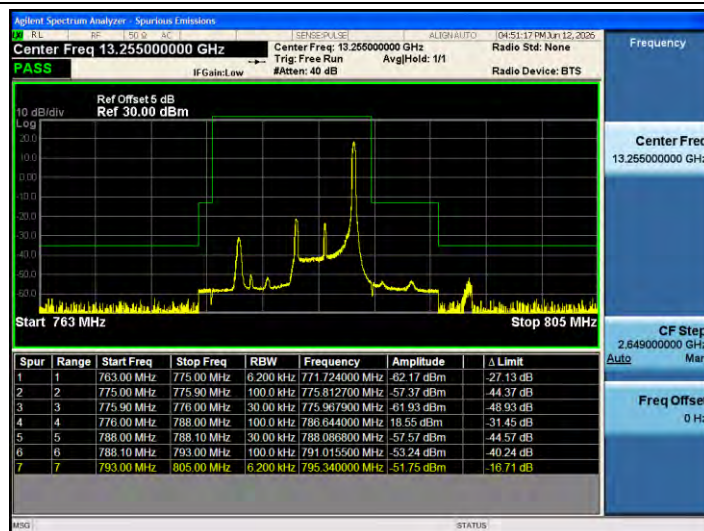
Band13-5MHz-QPSK-23255-1RB#0-PASS



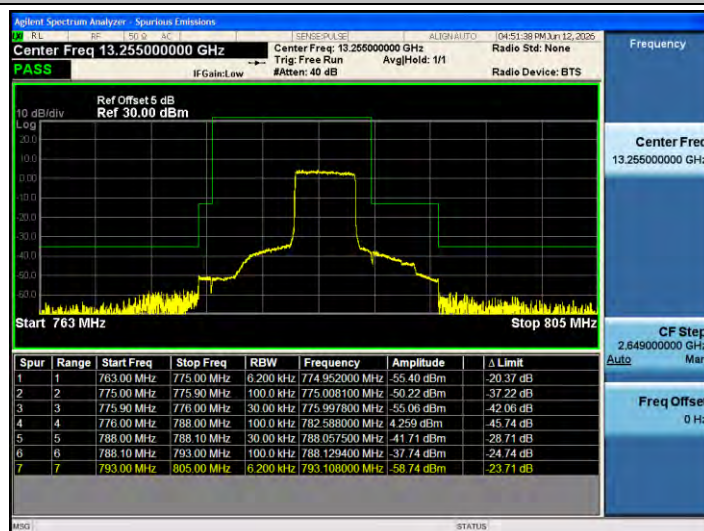
Band13-5MHz-16QAM-23255-1RB#0-PASS



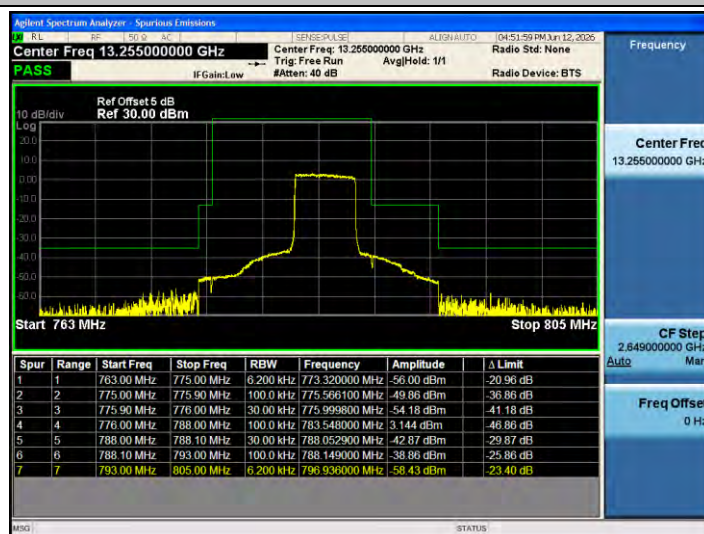
Band13-5MHz-QPSK-23255-1RB#24-PASS



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



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



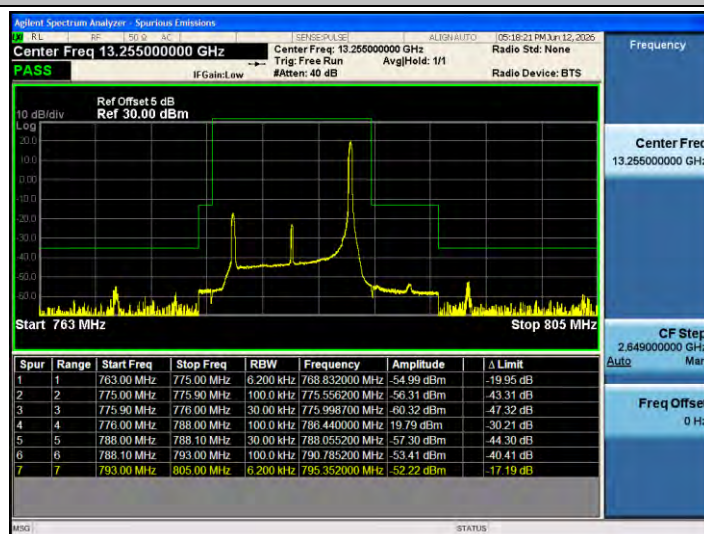
Band13-5MHz-16QAM-23255-25RB#0-PASS



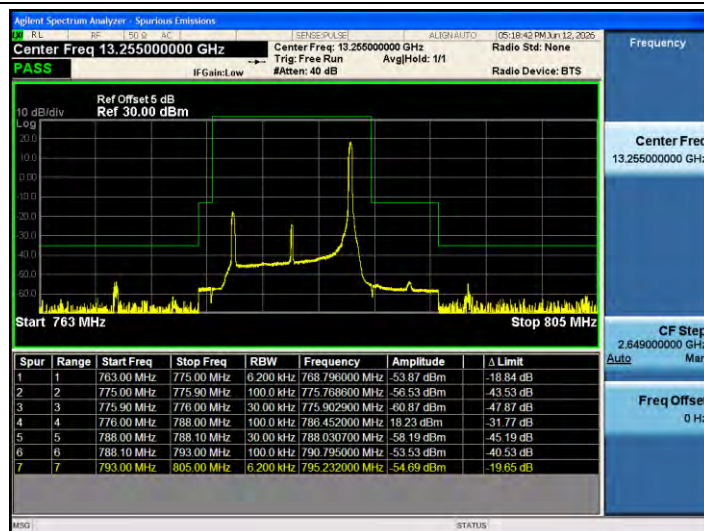
Band13-10MHz-QPSK-23230-1RB#0-PASS



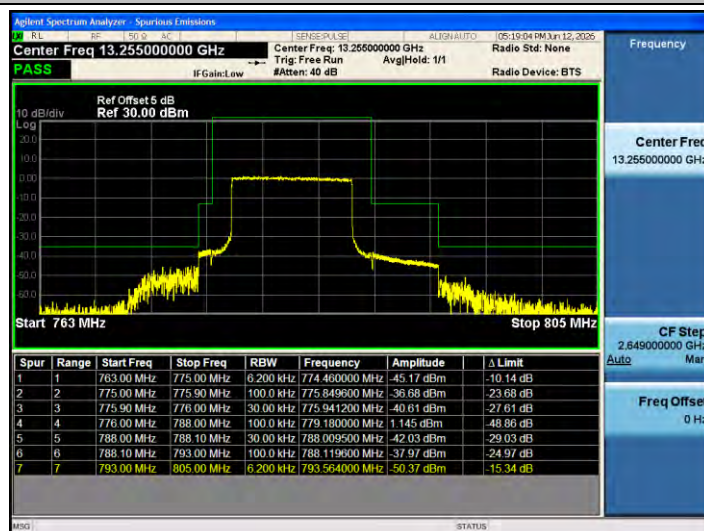
Band13-10MHz-16QAM-23230-1RB#0-PASS



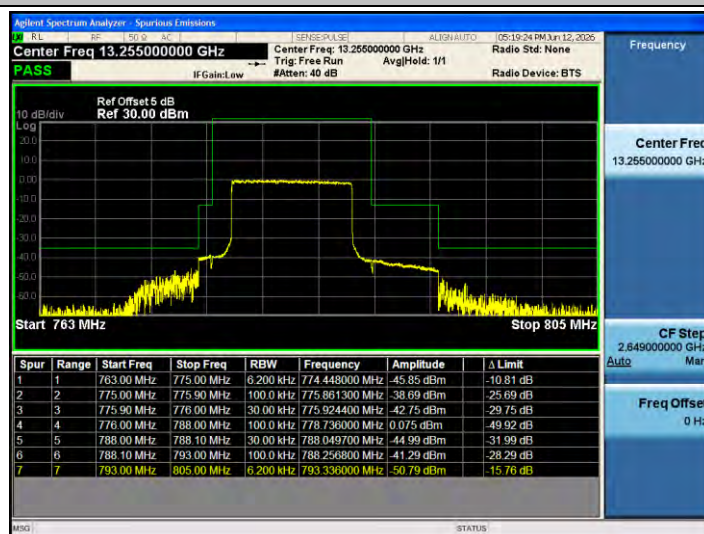
Band13-10MHz-QPSK-23230-1RB#49-PASS



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



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



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

Appendix E: Conducted Spurious Emission

Test Result

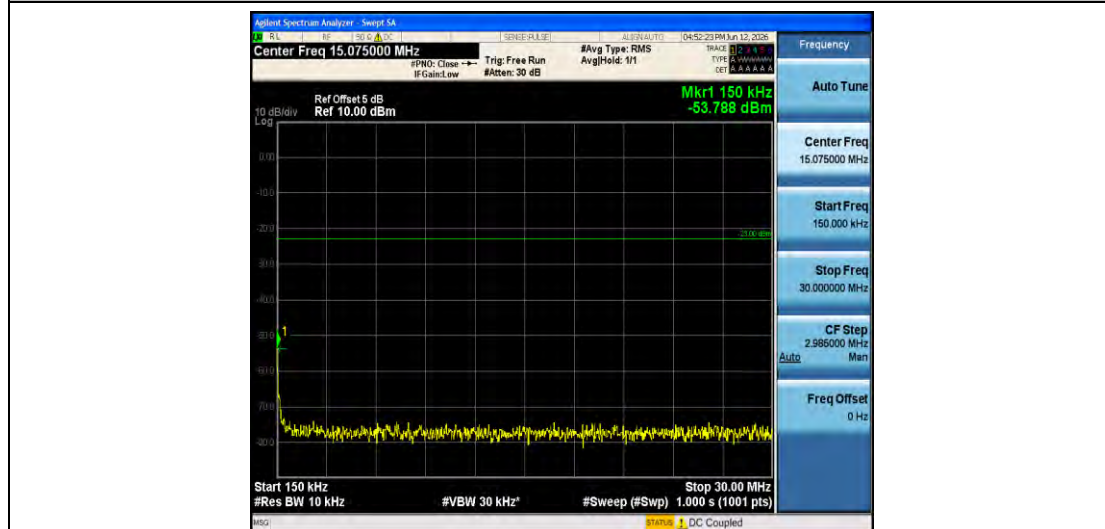
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	0.009~0.15	-38.15	PASS
Band13	5MHz	QPSK	23205	1RB#0	0.15~30	-53.79	PASS
Band13	5MHz	QPSK	23205	1RB#0	30~1000	-63.78	PASS
Band13	5MHz	QPSK	23205	1RB#0	1000~3000	-40.71	PASS
Band13	5MHz	QPSK	23205	1RB#0	3000~10000	-48.46	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.009~0.15	-39.70	PASS
Band13	5MHz	16QAM	23205	1RB#0	0.15~30	-54.03	PASS
Band13	5MHz	16QAM	23205	1RB#0	30~1000	-63.93	PASS
Band13	5MHz	16QAM	23205	1RB#0	1000~3000	-42.72	PASS
Band13	5MHz	16QAM	23205	1RB#0	3000~10000	-48.29	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.009~0.15	-39.94	PASS
Band13	5MHz	QPSK	23230	1RB#0	0.15~30	-55.31	PASS
Band13	5MHz	QPSK	23230	1RB#0	30~1000	-63.70	PASS
Band13	5MHz	QPSK	23230	1RB#0	1000~3000	-41.46	PASS
Band13	5MHz	QPSK	23230	1RB#0	3000~10000	-48.30	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.009~0.15	-37.12	PASS
Band13	5MHz	16QAM	23230	1RB#0	0.15~30	-54.99	PASS
Band13	5MHz	16QAM	23230	1RB#0	30~1000	-63.79	PASS
Band13	5MHz	16QAM	23230	1RB#0	1000~3000	-42.09	PASS
Band13	5MHz	16QAM	23230	1RB#0	3000~10000	-48.12	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.009~0.15	-37.62	PASS
Band13	5MHz	QPSK	23255	1RB#0	0.15~30	-54.82	PASS
Band13	5MHz	QPSK	23255	1RB#0	30~1000	-63.74	PASS
Band13	5MHz	QPSK	23255	1RB#0	1000~3000	-41.86	PASS
Band13	5MHz	QPSK	23255	1RB#0	3000~10000	-48.06	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.009~0.15	-38.24	PASS
Band13	5MHz	16QAM	23255	1RB#0	0.15~30	-53.77	PASS
Band13	5MHz	16QAM	23255	1RB#0	30~1000	-64.04	PASS
Band13	5MHz	16QAM	23255	1RB#0	1000~3000	-42.82	PASS
Band13	5MHz	16QAM	23255	1RB#0	3000~10000	-47.97	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.009~0.15	-38.10	PASS
Band13	10MHz	QPSK	23230	1RB#0	0.15~30	-53.20	PASS
Band13	10MHz	QPSK	23230	1RB#0	30~1000	-63.86	PASS
Band13	10MHz	QPSK	23230	1RB#0	1000~3000	-41.94	PASS
Band13	10MHz	QPSK	23230	1RB#0	3000~10000	-48.08	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.009~0.15	-38.42	PASS
Band13	10MHz	16QAM	23230	1RB#0	0.15~30	-54.58	PASS

Band13	10MHz	16QAM	23230	1RB#0	30~1000	-64.07	PASS
Band13	10MHz	16QAM	23230	1RB#0	1000~3000	-43.40	PASS
Band13	10MHz	16QAM	23230	1RB#0	3000~10000	-48.22	PASS

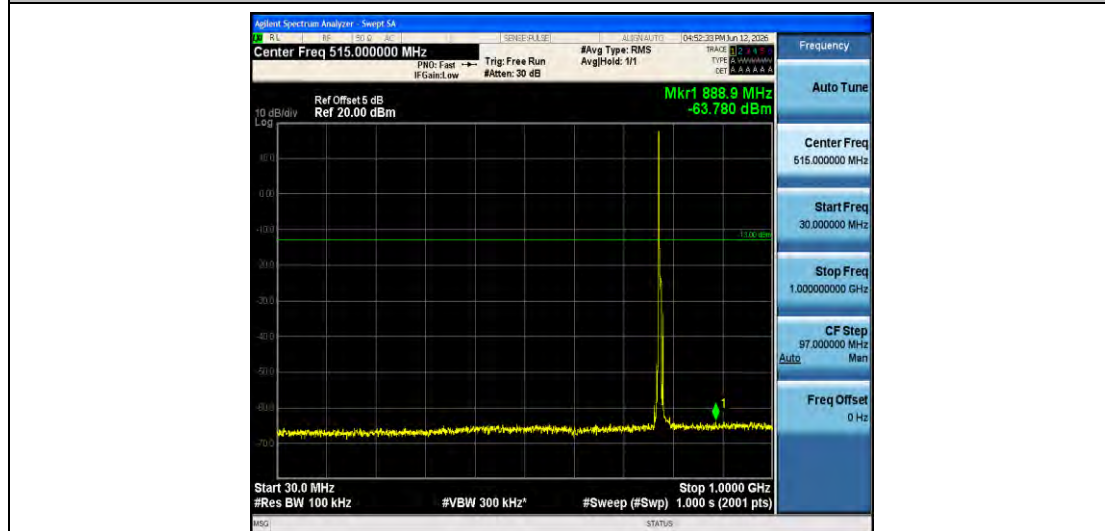
Test Graphs



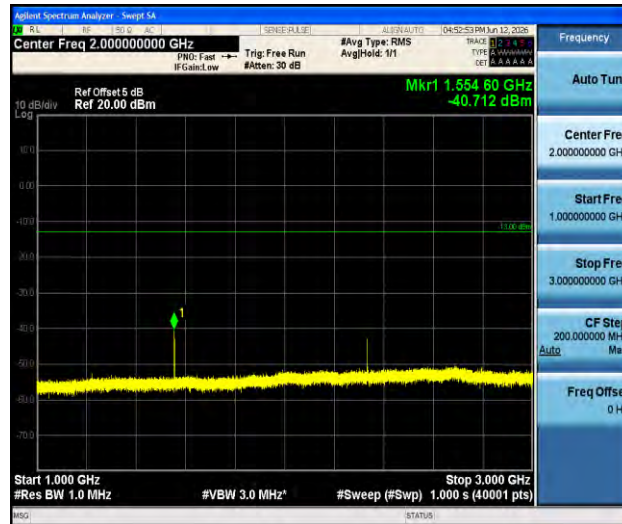
Band13-5MHz-QPSK-23205-1RB#0-0.009~0.15-PASS



Band13-5MHz-QPSK-23205-1RB#0-0.15~30-PASS



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



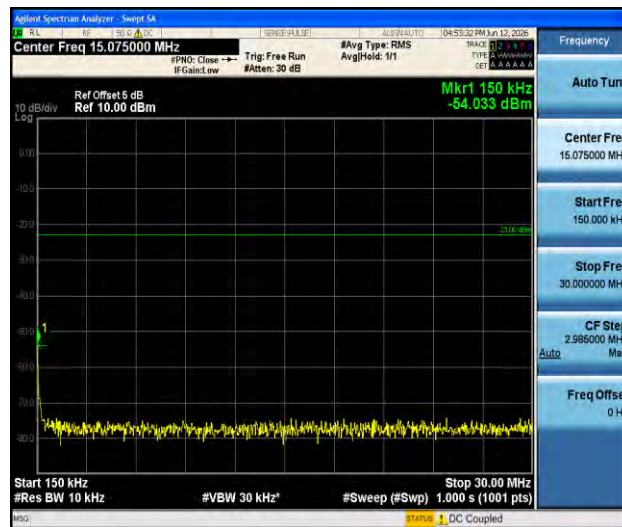
Band13-5MHz-QPSK-23205-1RB#0-1000~3000-PASS



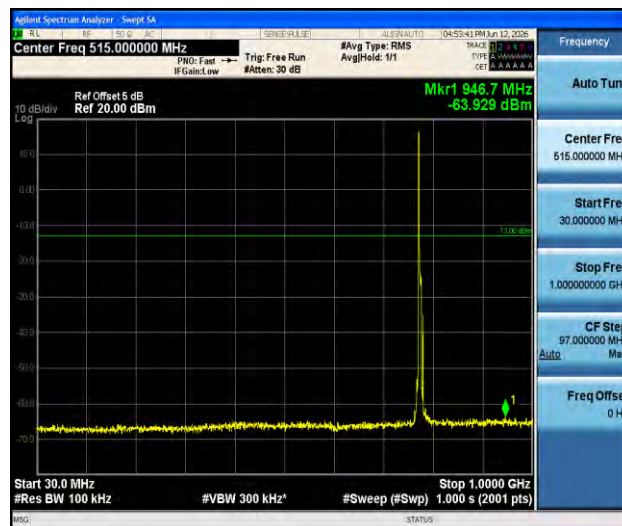
Band13-5MHz-QPSK-23205-1RB#0-3000~10000-PASS



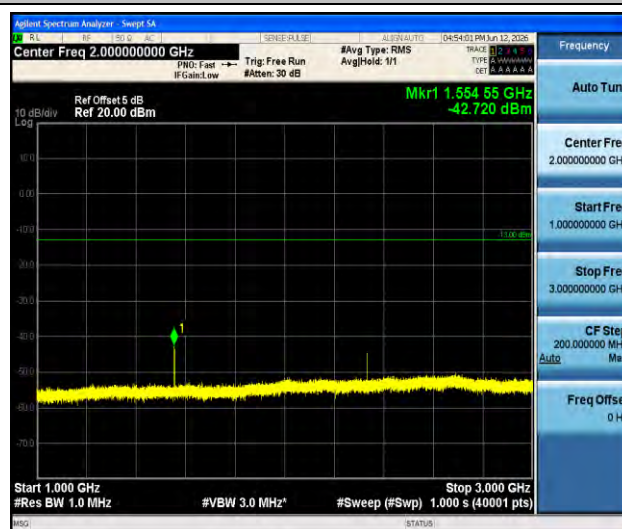
Band13-5MHz-16QAM-23205-1RB#0-0.009~0.15-PASS



Band13-5MHz-16QAM-23205-1RB#0-0.15~30-PASS



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



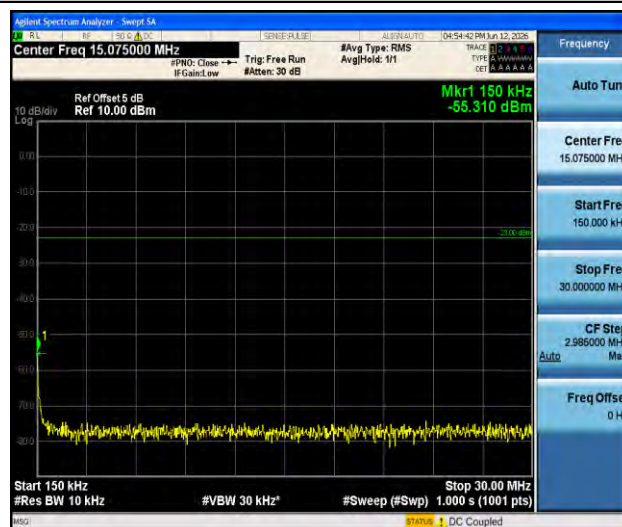
Band13-5MHz-16QAM-23205-1RB#0-1000~3000-PASS



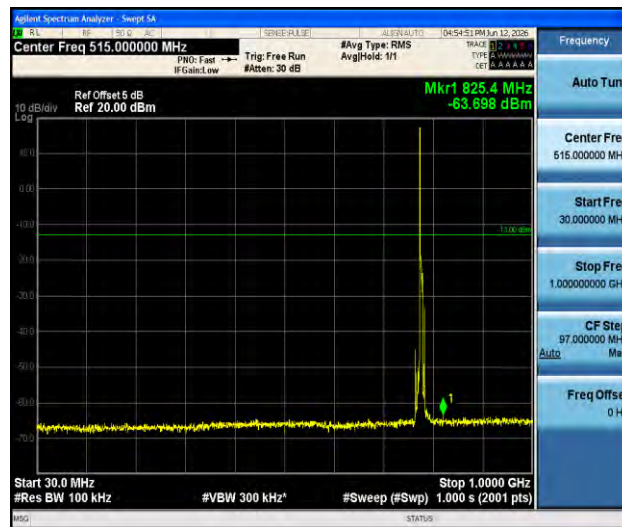
Band13-5MHz-16QAM-23205-1RB#0-3000~10000-PASS



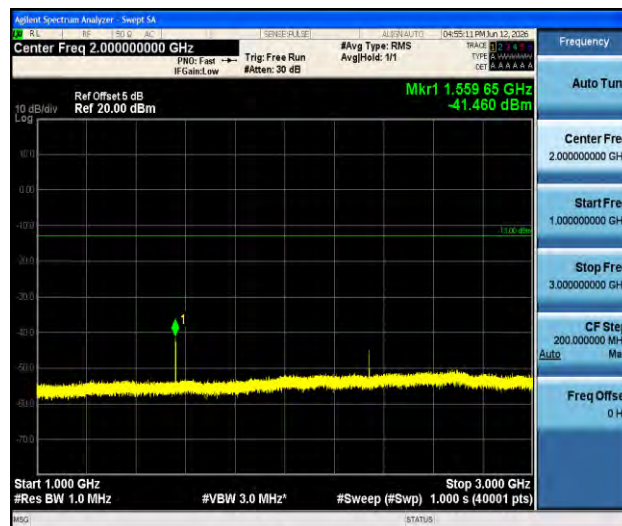
Band13-5MHz-QPSK-23230-1RB#0-0.009~0.15-PASS



Band13-5MHz-QPSK-23230-1RB#0-0.15~30-PASS



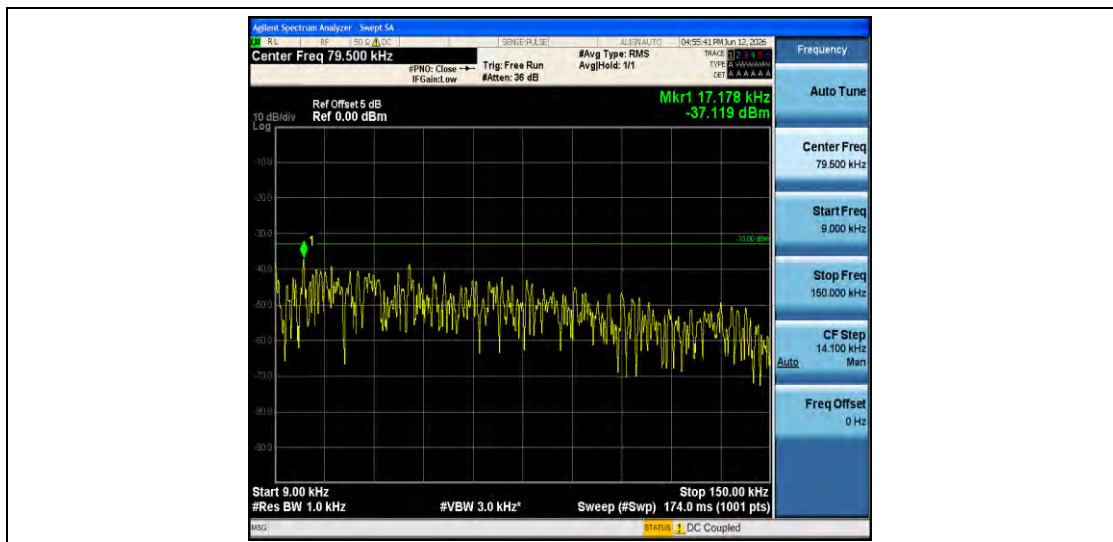
Band13-5MHz-QPSK-23230-1RB#0-30~1000-PASS



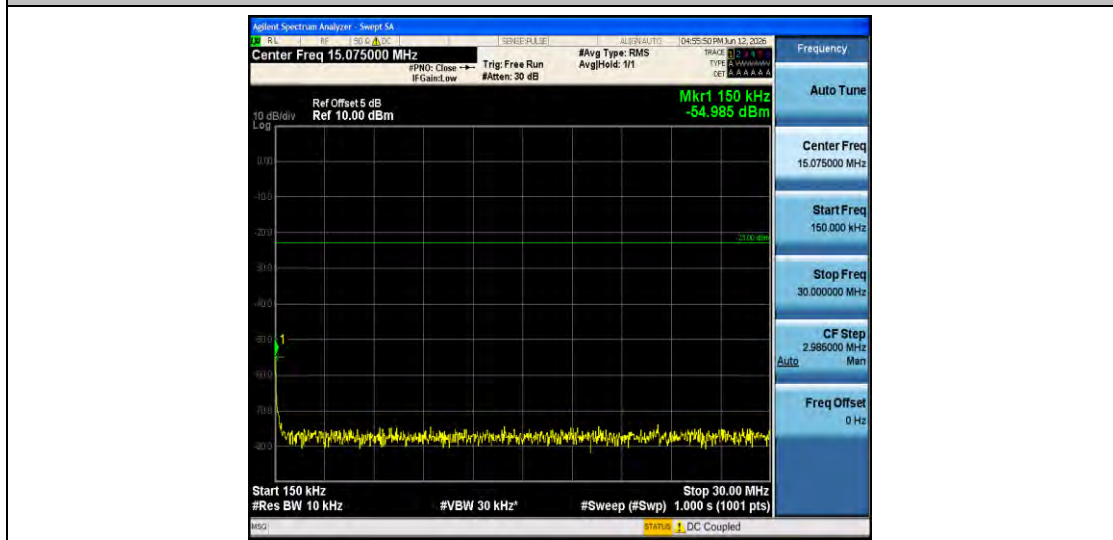
Band13-5MHz-QPSK-23230-1RB#0-1000~3000-PASS



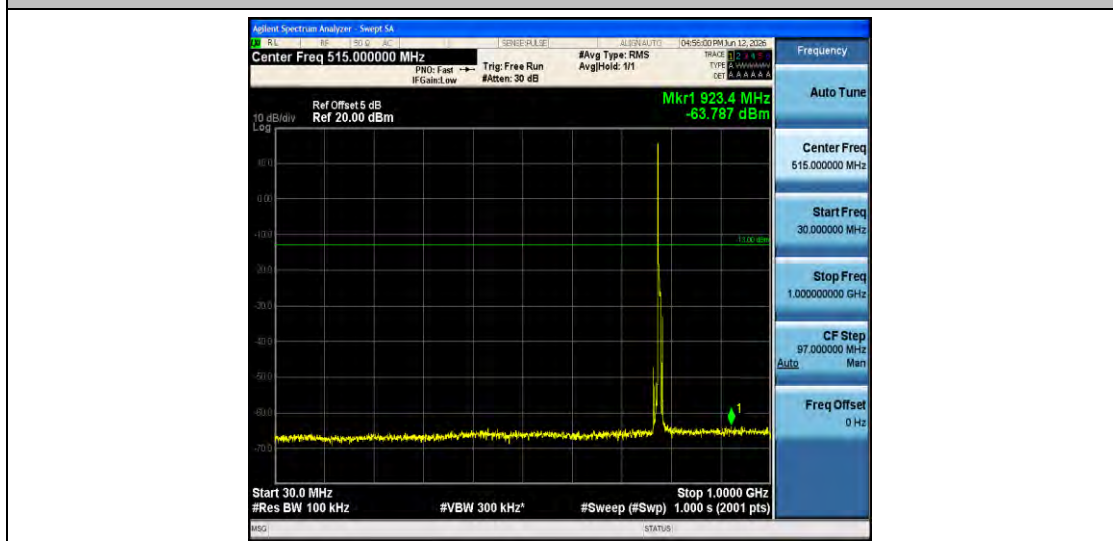
Band13-5MHz-QPSK-23230-1RB#0-3000~10000-PASS



Band13-5MHz-16QAM-23230-1RB#0-0.009~0.15-PASS



Band13-5MHz-16QAM-23230-1RB#0-0.15~30-PASS



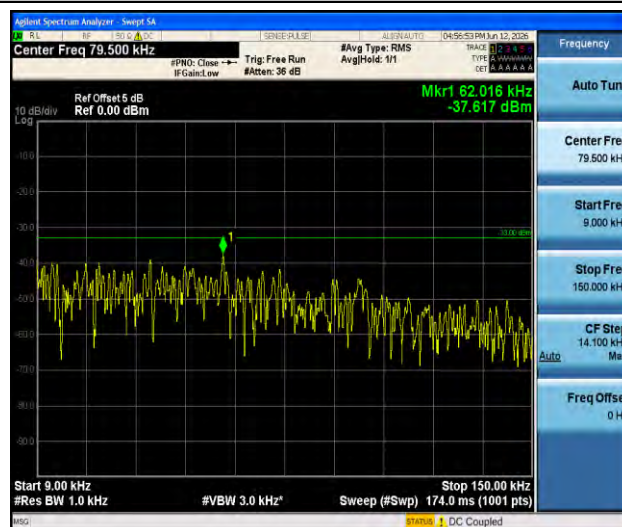
Band13-5MHz-16QAM-23230-1RB#0-30~1000-PASS



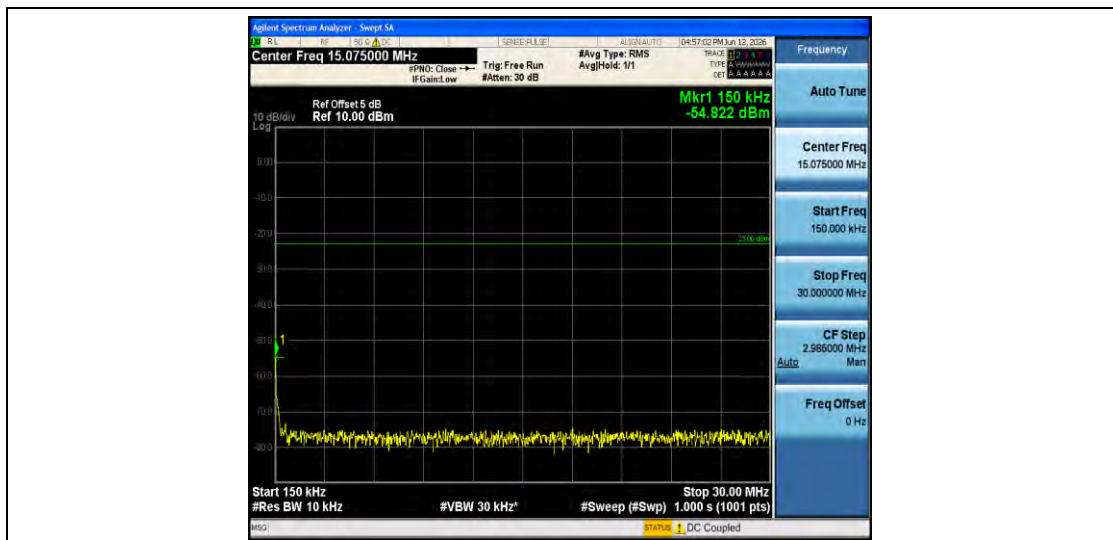
Band13-5MHz-16QAM-23230-1RB#0-1000~3000-PASS



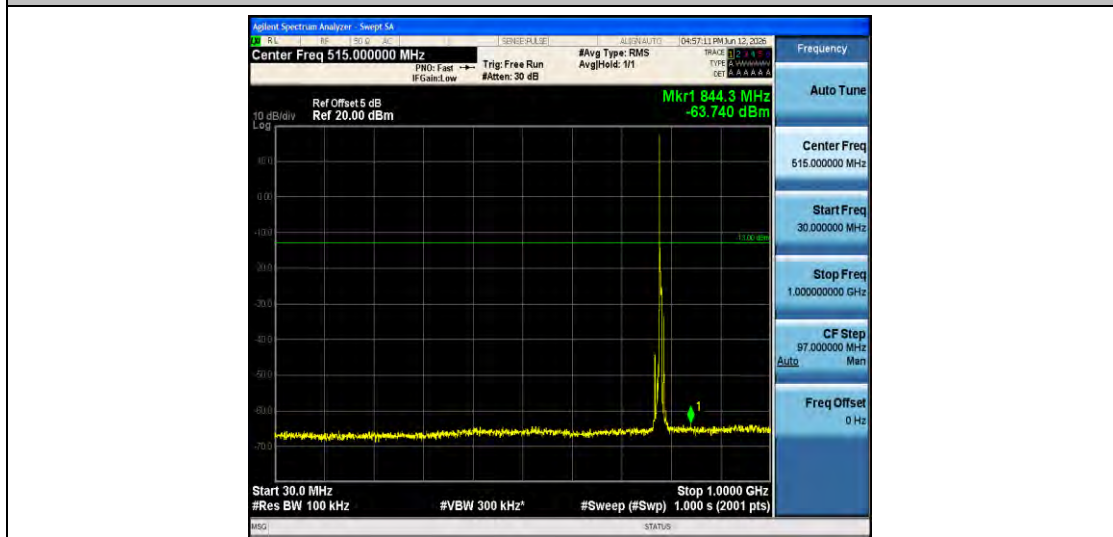
Band13-5MHz-16QAM-23230-1RB#0-3000~10000-PASS



Band13-5MHz-QPSK-23255-1RB#0-0.009~0.15-PASS



Band13-5MHz-QPSK-23255-1RB#0-0.15~30-PASS



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



Band13-5MHz-QPSK-23255-1RB#0-1000~3000-PASS



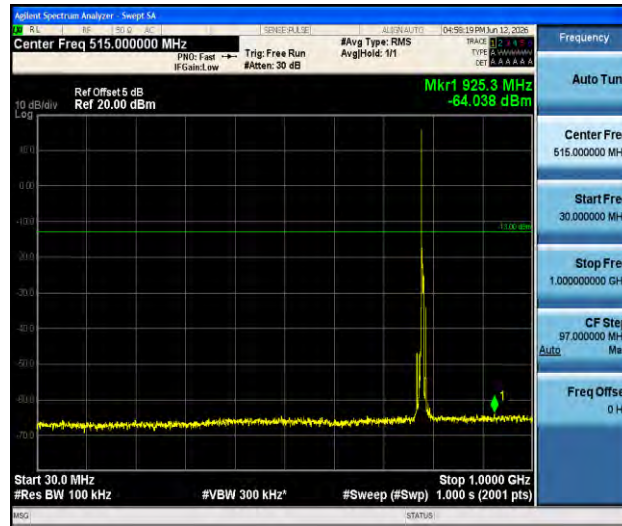
Band13-5MHz-QPSK-23255-1RB#0-3000~10000-PASS



Band13-5MHz-16QAM-23255-1RB#0-0.009~0.15-PASS



Band13-5MHz-16QAM-23255-1RB#0-0.15~30-PASS



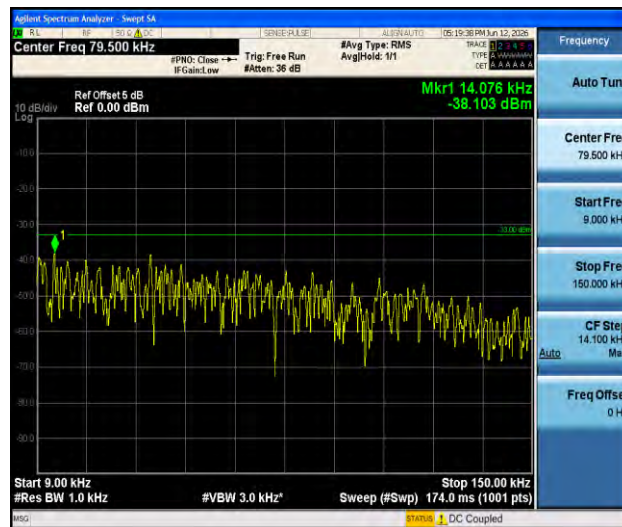
Band13-5MHz-16QAM-23255-1RB#0-30~1000-PASS



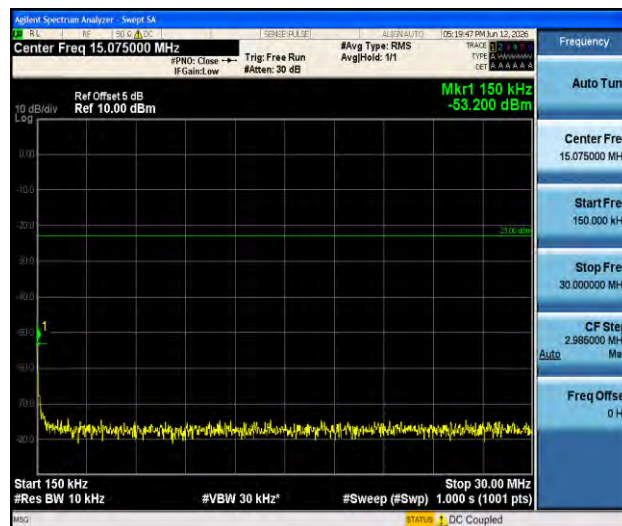
Band13-5MHz-16QAM-23255-1RB#0-1000~3000-PASS



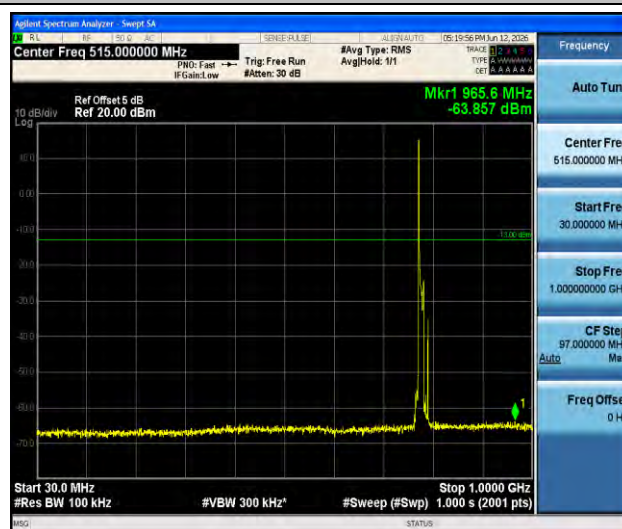
Band13-5MHz-16QAM-23255-1RB#0-3000~10000-PASS



Band13-10MHz-QPSK-23230-1RB#0-0.009~0.15-PASS



Band13-10MHz-QPSK-23230-1RB#0-0.15~30-PASS



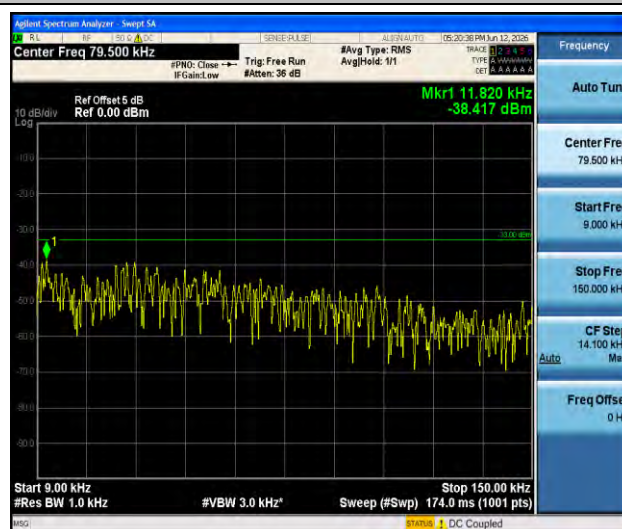
Band13-10MHz-QPSK-23230-1RB#0-30~1000-PASS



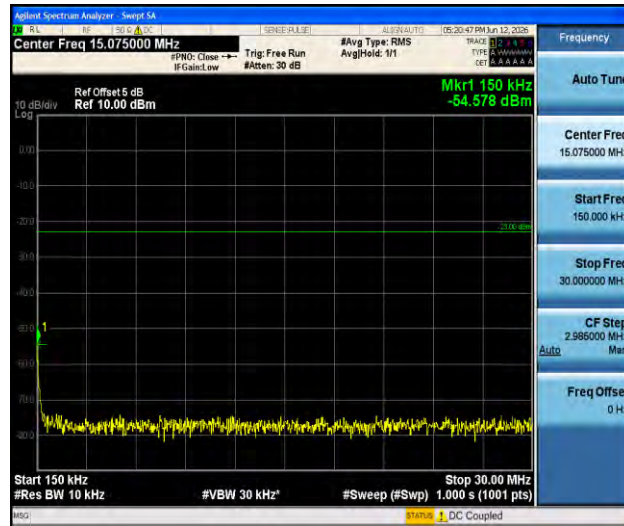
Band13-10MHz-QPSK-23230-1RB#0-1000~3000-PASS



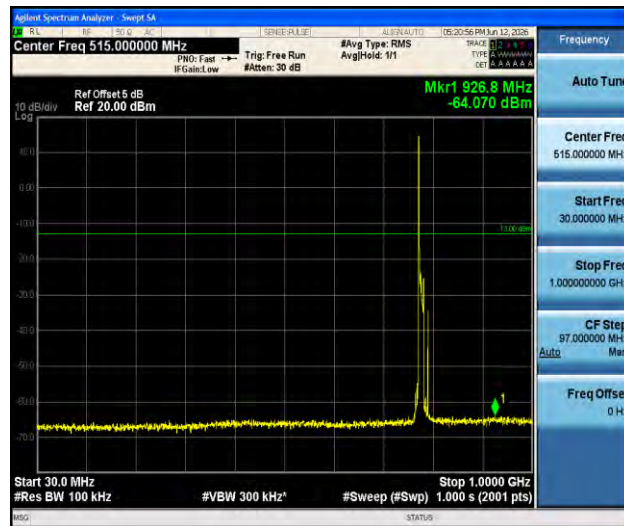
Band13-10MHz-QPSK-23230-1RB#0-3000~10000-PASS



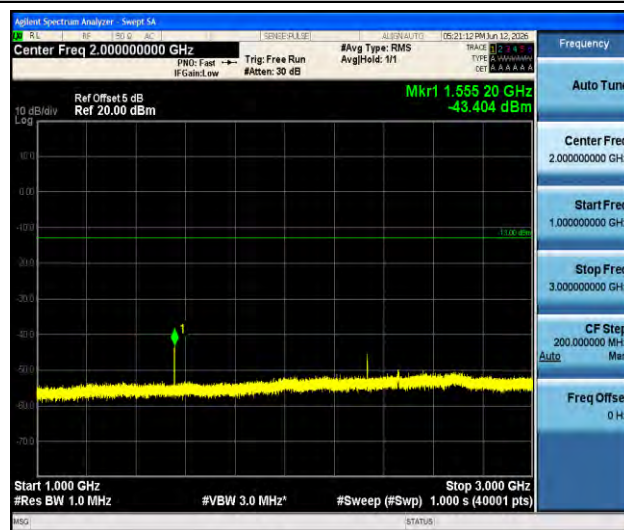
Band13-10MHz-16QAM-23230-1RB#0-0.009~0.15-PASS



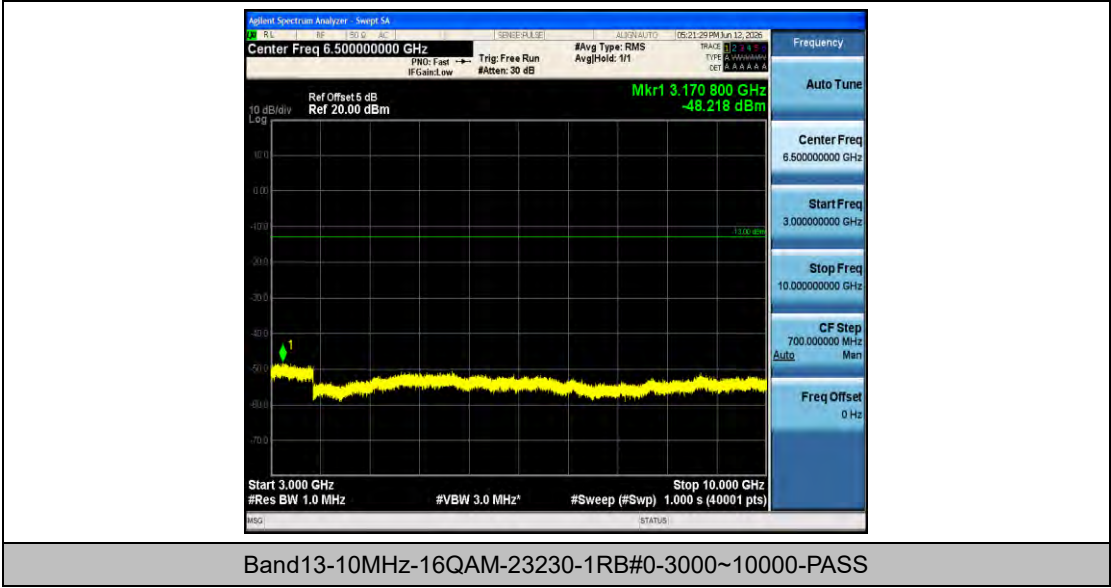
Band13-10MHz-16QAM-23230-1RB#0-0.15~30-PASS



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



Band13-10MHz-16QAM-23230-1RB#0-1000~3000-PASS



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	VN	NT	-11.55	-0.014817	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VL	NT	-6.40	-0.008210	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	VH	NT	-5.60	-0.007184	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VN	NT	-33.36	-0.042797	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VL	NT	3.90	0.005003	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	VH	NT	-18.94	-0.024298	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VN	NT	8.32	0.010639	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VL	NT	-9.97	-0.012749	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	VH	NT	4.13	0.005281	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VN	NT	-3.17	-0.004054	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VL	NT	-16.96	-0.021688	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	VH	NT	-30.36	-0.038824	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VN	NT	3.30	0.004207	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VL	NT	1.48	0.001887	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	VH	NT	18.97	0.024181	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VN	NT	22.07	0.028133	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VL	NT	12.40	0.015806	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	VH	NT	-3.28	-0.004181	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	-36.04	-0.046087	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	-40.56	-0.051867	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	-40.81	-0.052187	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	17.70	0.022634	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	-9.01	-0.011522	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	-28.29	-0.036176	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	NV	-30	-6.97	-0.008942	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-20	-10.35	-0.013278	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	-10	-4.06	-0.005208	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	0	-10.91	-0.013996	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	10	-15.15	-0.019436	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	20	-19.58	-0.025119	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	30	-17.93	-0.023002	±2.5	PASS

Band13	5MHz	QPSK	23205	25RB#0	NV	40	-21.09	-0.027056	±2.5	PASS
Band13	5MHz	QPSK	23205	25RB#0	NV	50	-26.10	-0.033483	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-30	-34.38	-0.044105	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-20	-47.35	-0.060744	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	-10	-8.01	-0.010276	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	0	-20.73	-0.026594	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	10	-30.35	-0.038935	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	20	-37.89	-0.048608	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	30	-48.28	-0.061937	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	40	-8.19	-0.010507	±2.5	PASS
Band13	5MHz	16QAM	23205	25RB#0	NV	50	-14.72	-0.018884	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-30	2.63	0.003363	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-20	-4.98	-0.006368	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	-10	4.61	0.005895	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	0	7.85	0.010038	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	10	5.50	0.007033	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	20	3.50	0.004476	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	30	-3.00	-0.003836	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	40	-4.60	-0.005882	±2.5	PASS
Band13	5MHz	QPSK	23230	25RB#0	NV	50	1.98	0.002532	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-30	-32.95	-0.042136	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-20	-49.30	-0.063043	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	-10	-12.47	-0.015946	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	0	-14.41	-0.018427	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	10	-14.23	-0.018197	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	20	-14.17	-0.018120	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	30	-22.08	-0.028235	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	40	-37.99	-0.048581	±2.5	PASS
Band13	5MHz	16QAM	23230	25RB#0	NV	50	-36.98	-0.047289	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-30	23.85	0.030402	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-20	35.07	0.044704	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	-10	39.91	0.050873	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	0	46.37	0.059108	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	10	52.73	0.067215	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	20	6.15	0.007839	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	30	11.35	0.014468	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	40	11.08	0.014124	±2.5	PASS
Band13	5MHz	QPSK	23255	25RB#0	NV	50	12.87	0.016405	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-30	-10.53	-0.013423	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-20	-19.90	-0.025366	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	-10	-29.31	-0.037361	±2.5	PASS

Band13	5MHz	16QAM	23255	25RB#0	NV	0	-37.22	-0.047444	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	10	-38.74	-0.049382	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	20	-44.82	-0.057132	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	30	-47.99	-0.061173	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	40	-53.42	-0.068094	±2.5	PASS
Band13	5MHz	16QAM	23255	25RB#0	NV	50	-7.68	-0.009790	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	-40.28	-0.051509	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	-37.38	-0.047801	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-10	-45.83	-0.058606	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-45.93	-0.058734	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	-42.96	-0.054936	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-48.80	-0.062404	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	-53.06	-0.067852	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	8.65	0.011061	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	15.74	0.020128	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	-41.31	-0.052826	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	-45.98	-0.058798	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-10	-6.73	-0.008606	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	-22.45	-0.028708	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	-25.83	-0.033031	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	-31.18	-0.039872	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	-44.88	-0.057391	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	-49.61	-0.063440	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	-52.09	-0.066611	±2.5	PASS