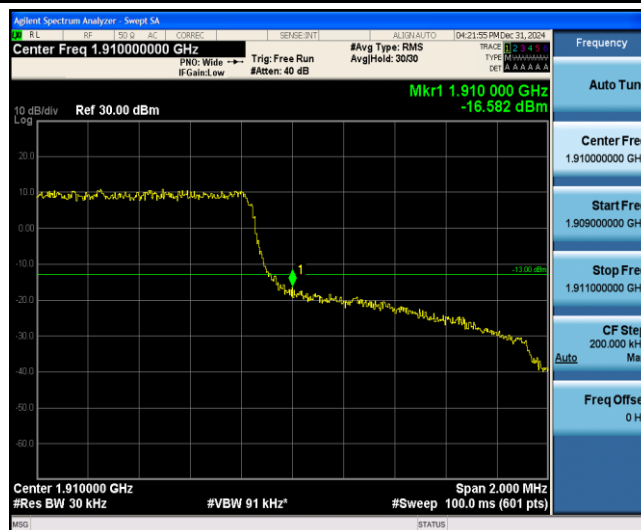
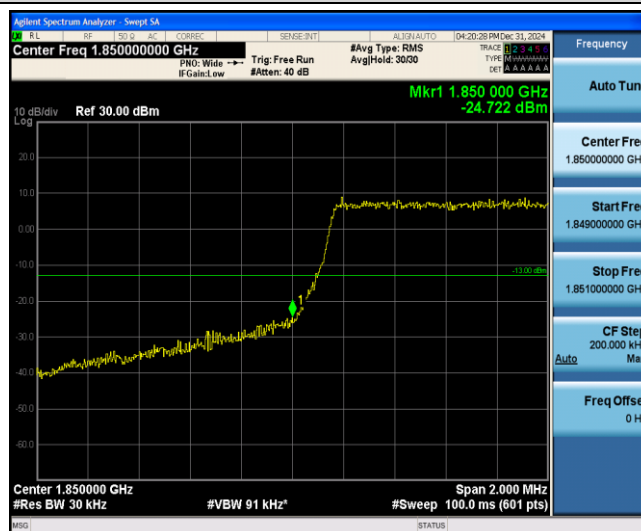
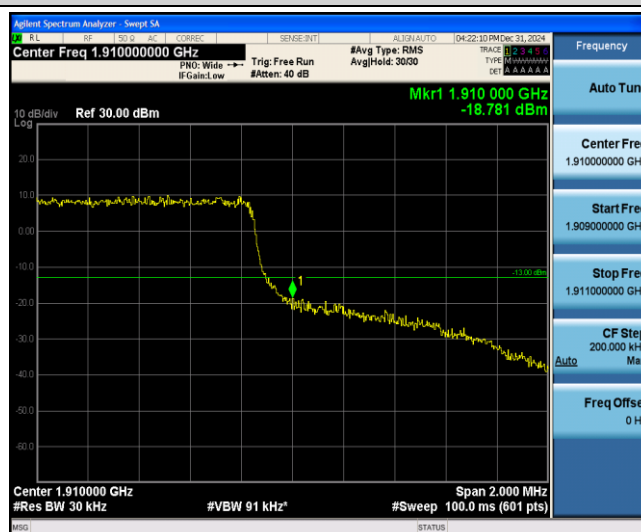




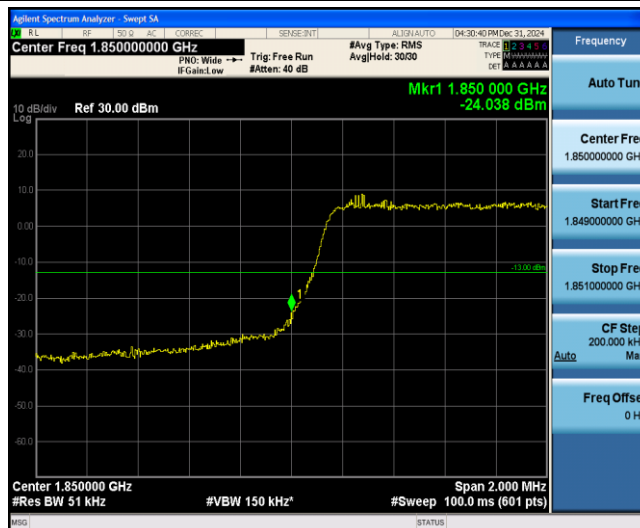
Band2-1.4MHz-QPSK-19193-6RB#0



Band2-1.4MHz-16QAM-18607-6RB#0



Band2-1.4MHz-16QAM-19193-6RB#0



Band2-3MHz-QPSK-18615-15RB#0



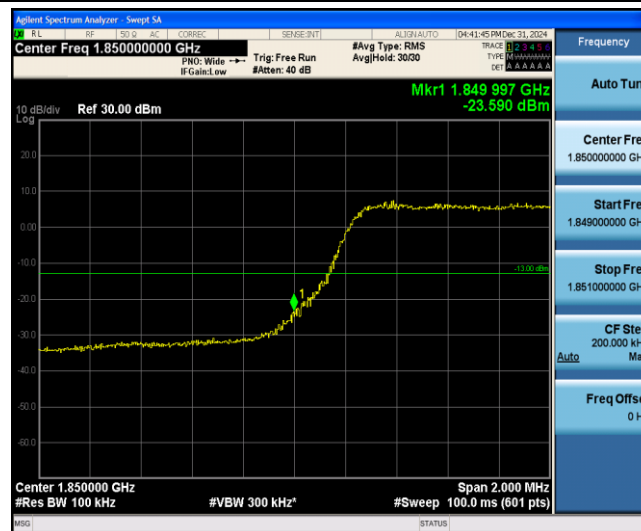
Band2-3MHz-QPSK-19185-15RB#0



Band2-3MHz-16QAM-18615-15RB#0



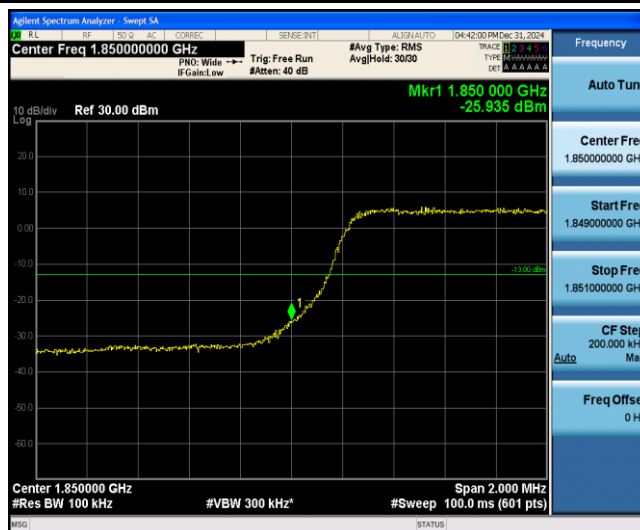
Band2-3MHz-16QAM-19185-15RB#0



Band2-5MHz-QPSK-18625-25RB#0



Band2-5MHz-QPSK-19175-25RB#0



Band2-5MHz-16QAM-18625-25RB#0



Band2-5MHz-16QAM-19175-25RB#0

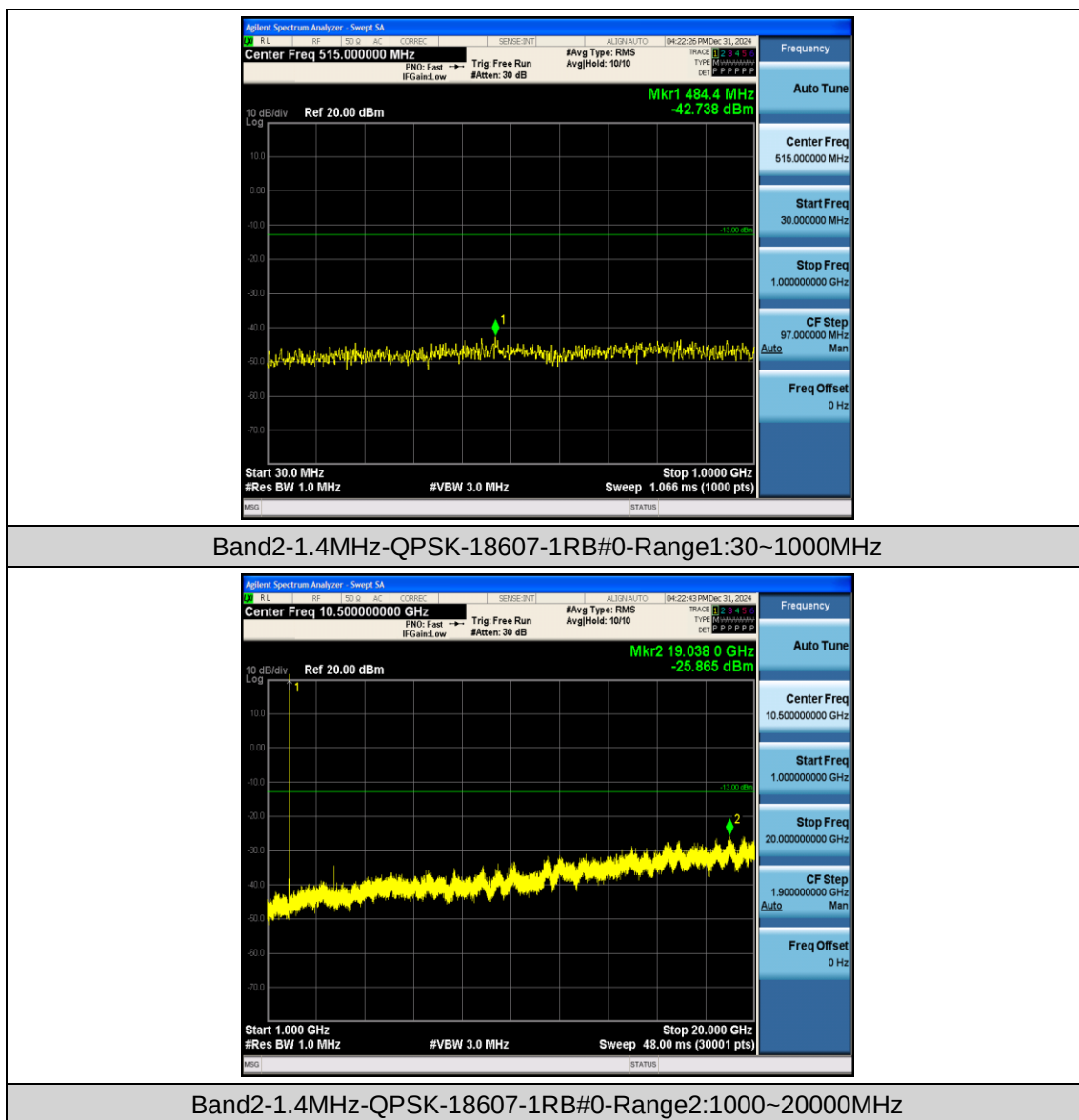
Appendix E: Conducted Spurious Emission

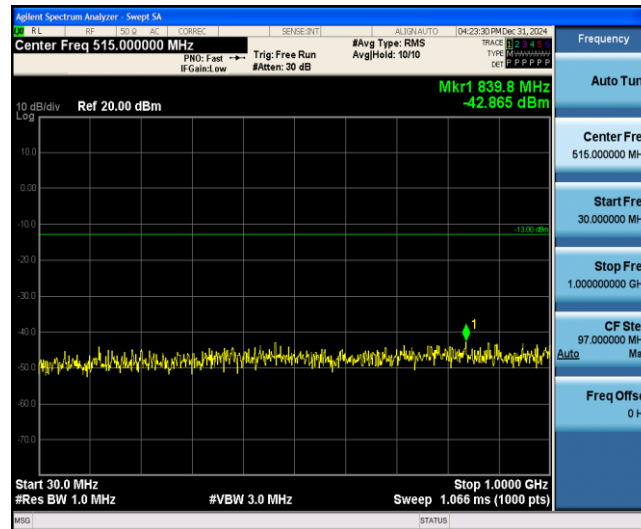
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	Range1:30~1000MHz	-42.74	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	Range2:1000~20000MHz	-25.87	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-42.87	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-25.38	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range1:30~1000MHz	-42.83	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	Range2:1000~20000MHz	-25.48	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range1:30~1000MHz	-43.09	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	Range2:1000~20000MHz	-25.89	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-42.44	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-25.72	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range1:30~1000MHz	-42.29	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	Range2:1000~20000MHz	-24.92	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range1:30~1000MHz	-43.08	PASS
Band2	3MHz	QPSK	18615	1RB#0	Range2:1000~20000MHz	-25.6	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-42.78	PASS
Band2	3MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-25.63	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range1:30~1000MHz	-43.31	PASS
Band2	3MHz	QPSK	19185	1RB#0	Range2:1000~20000MHz	-26.15	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range1:30~1000MHz	-42.26	PASS
Band2	3MHz	16QAM	18615	1RB#0	Range2:1000~20000MHz	-25.4	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-43.15	PASS
Band2	3MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-24.1	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range1:30~1000MHz	-42.59	PASS
Band2	3MHz	16QAM	19185	1RB#0	Range2:1000~20000MHz	-25.03	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range1:30~1000MHz	-42.12	PASS
Band2	5MHz	QPSK	18625	1RB#0	Range2:1000~20000MHz	-25.64	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range1:30~1000MHz	-42.98	PASS
Band2	5MHz	QPSK	18900	1RB#0	Range2:1000~20000MHz	-25.29	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range1:30~1000MHz	-42.22	PASS
Band2	5MHz	QPSK	19175	1RB#0	Range2:1000~20000MHz	-25.36	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range1:30~1000MHz	-42.9	PASS
Band2	5MHz	16QAM	18625	1RB#0	Range2:1000~20000MHz	-25.94	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range1:30~1000MHz	-42.59	PASS
Band2	5MHz	16QAM	18900	1RB#0	Range2:1000~20000MHz	-25.82	PASS
Band2	5MHz	16QAM	19175	1RB#0	Range1:30~1000MHz	-42.21	PASS

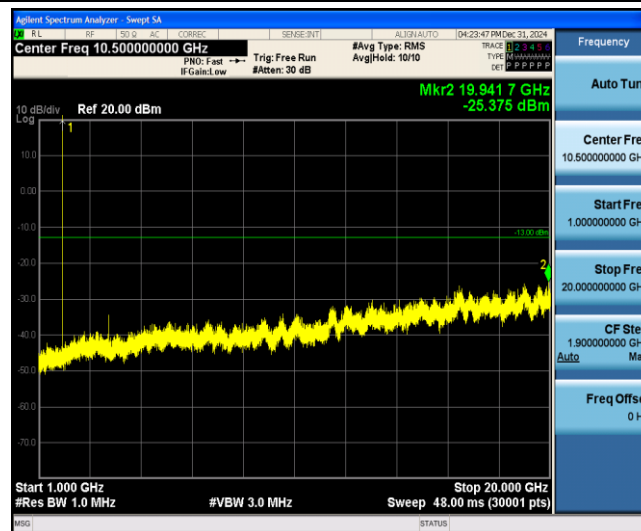
Band2	5MHz	16QAM	19175	1RB#0	Range2:1000~20000MHz	-25.96	PASS
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Test Graphs

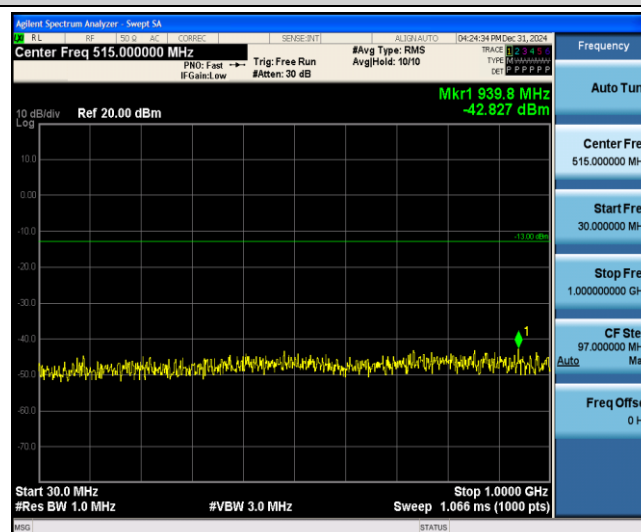




Band2-1.4MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



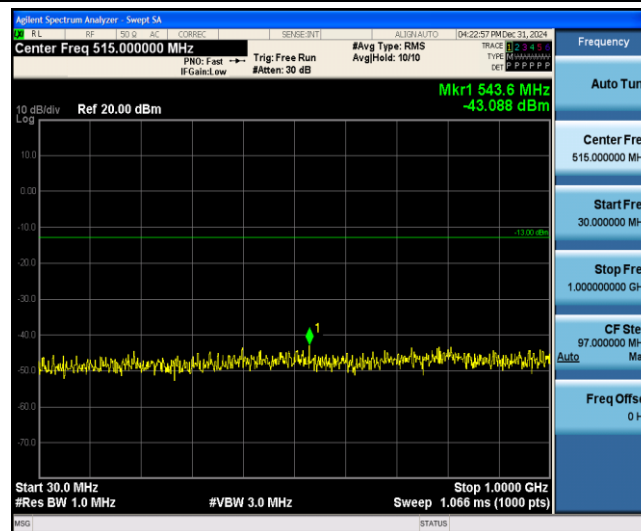
Band2-1.4MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



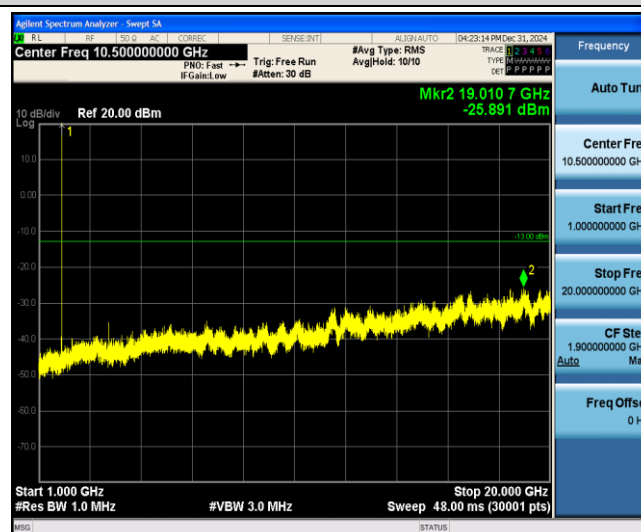
Band2-1.4MHz-QPSK-19193-1RB#0-Range1:30~1000MHz



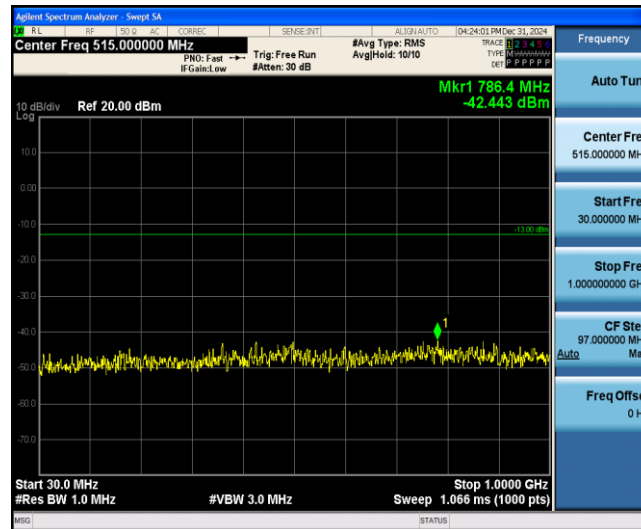
Band2-1.4MHz-QPSK-19193-1RB#0-Range2:1000~20000MHz



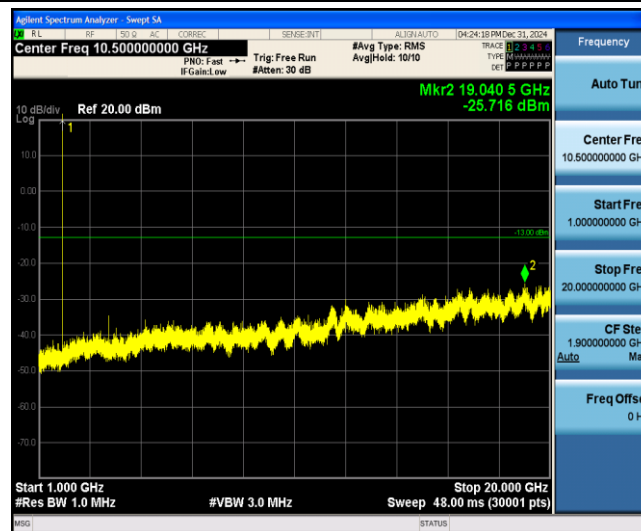
Band2-1.4MHz-16QAM-18607-1RB#0-Range1:30~1000MHz



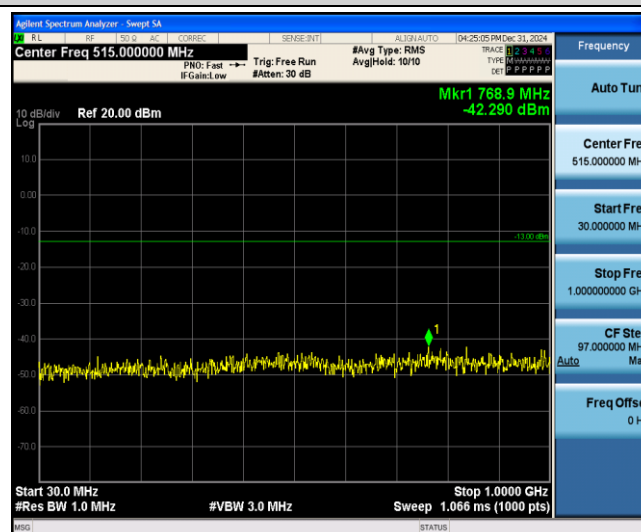
Band2-1.4MHz-16QAM-18607-1RB#0-Range2:1000~20000MHz



Band2-1.4MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



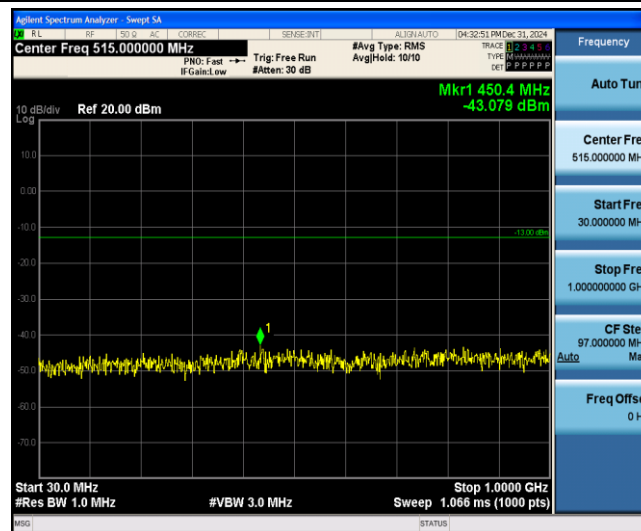
Band2-1.4MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



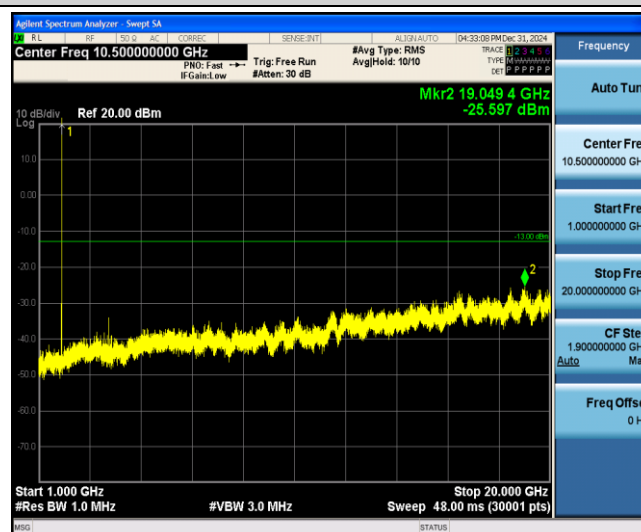
Band2-1.4MHz-16QAM-19193-1RB#0-Range1:30~1000MHz



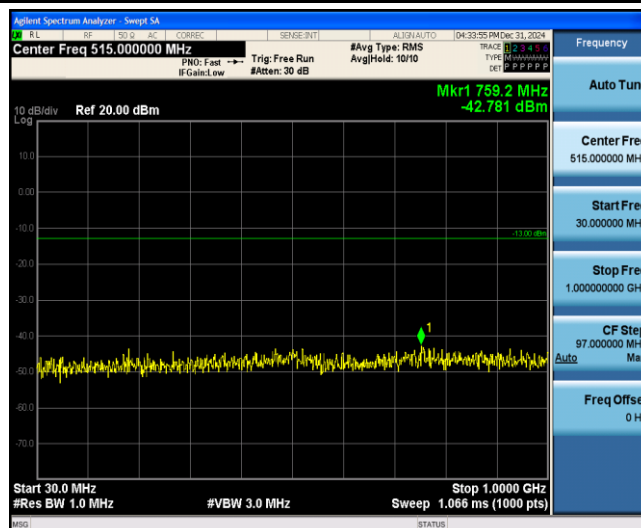
Band2-1.4MHz-16QAM-19193-1RB#0-Range2:1000~20000MHz



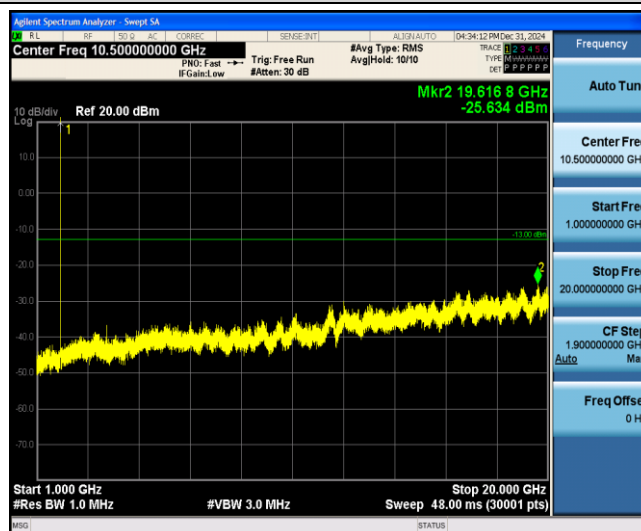
Band2-3MHz-QPSK-18615-1RB#0-Range1:30~1000MHz



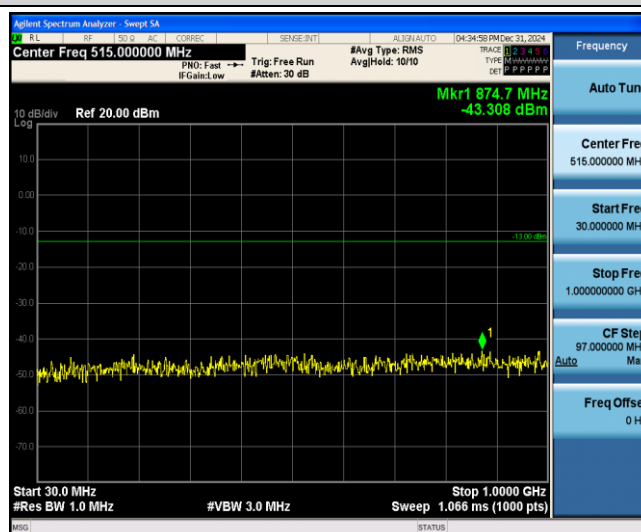
Band2-3MHz-QPSK-18615-1RB#0-Range2:1000~20000MHz



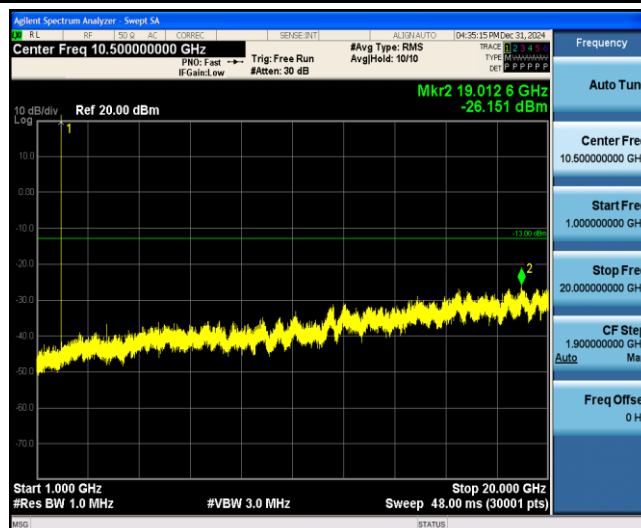
Band2-3MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



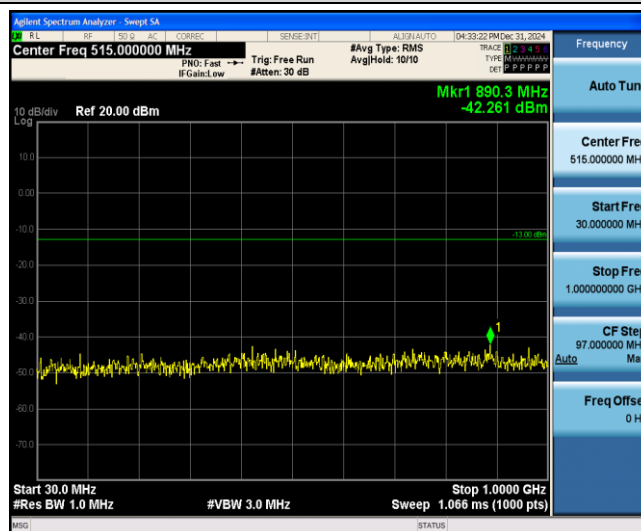
Band2-3MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



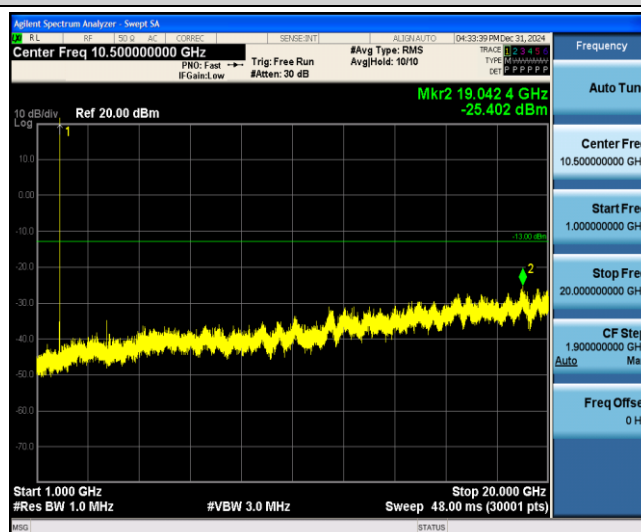
Band2-3MHz-QPSK-19185-1RB#0-Range1:30~1000MHz



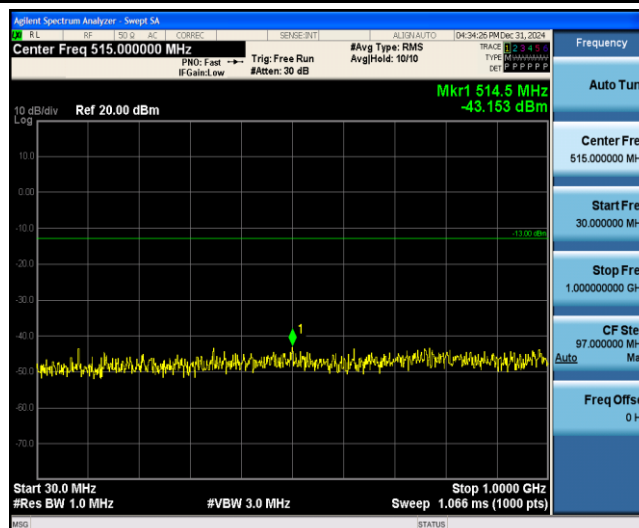
Band2-3MHz-QPSK-19185-1RB#0-Range2:1000~20000MHz



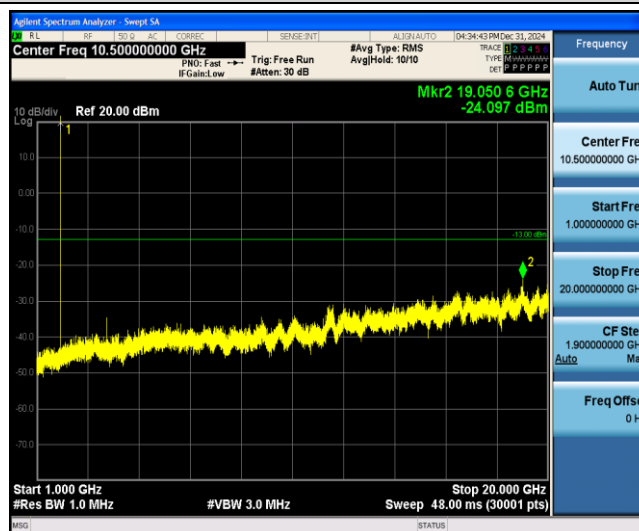
Band2-3MHz-16QAM-18615-1RB#0-Range1:30~1000MHz



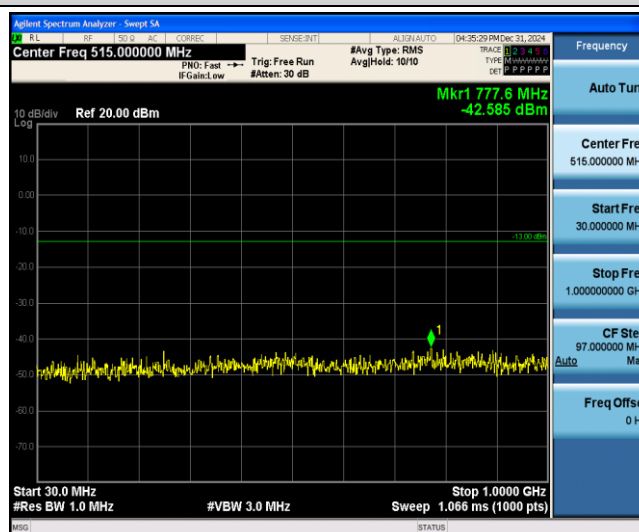
Band2-3MHz-16QAM-18615-1RB#0-Range2:1000~20000MHz



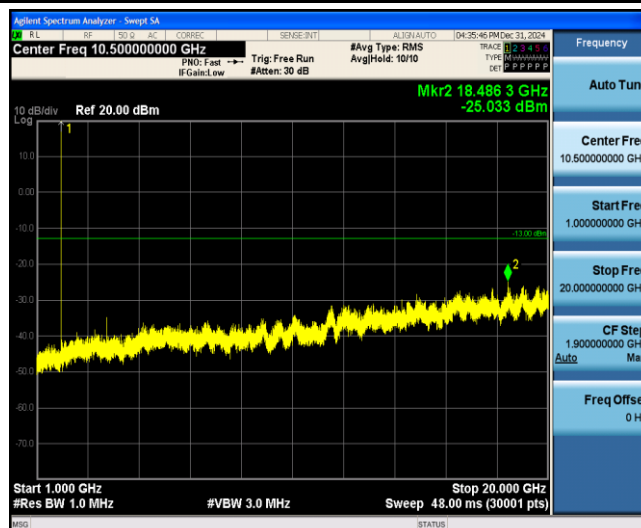
Band2-3MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



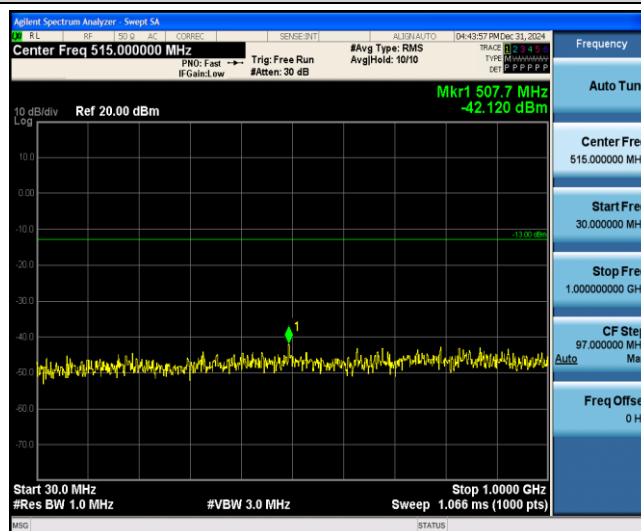
Band2-3MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



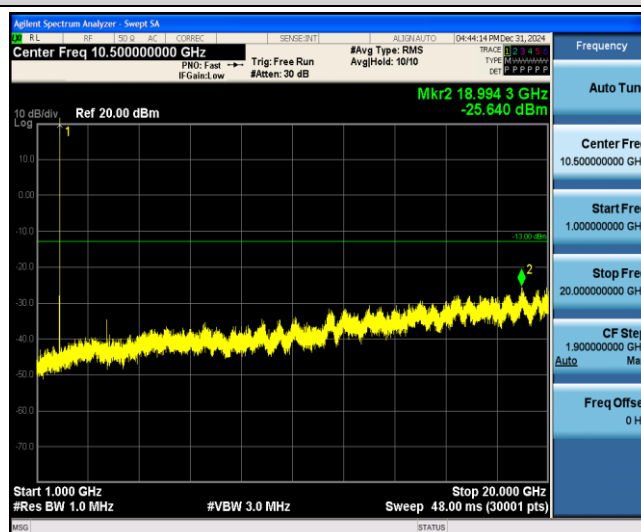
Band2-3MHz-16QAM-19185-1RB#0-Range1:30~1000MHz



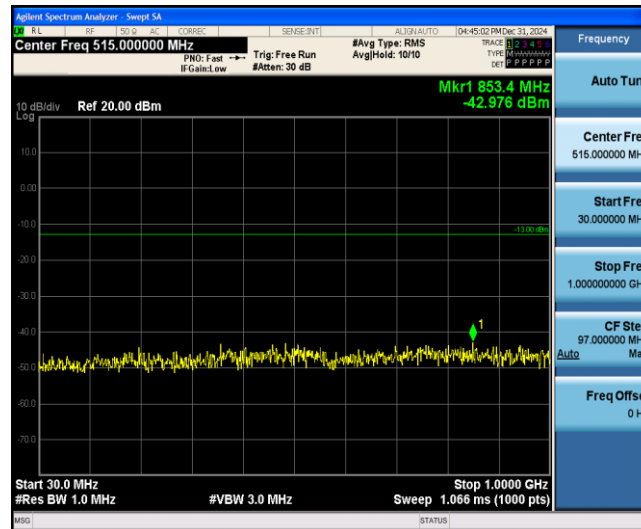
Band2-3MHz-16QAM-19185-1RB#0-Range2:1000~20000MHz



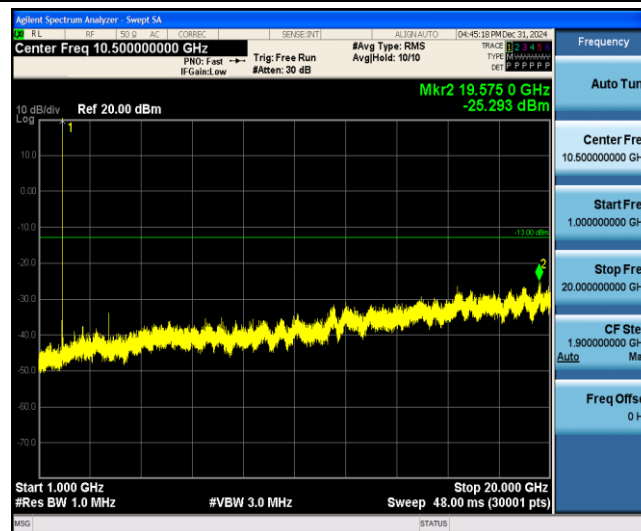
Band2-5MHz-QPSK-18625-1RB#0-Range1:30~1000MHz



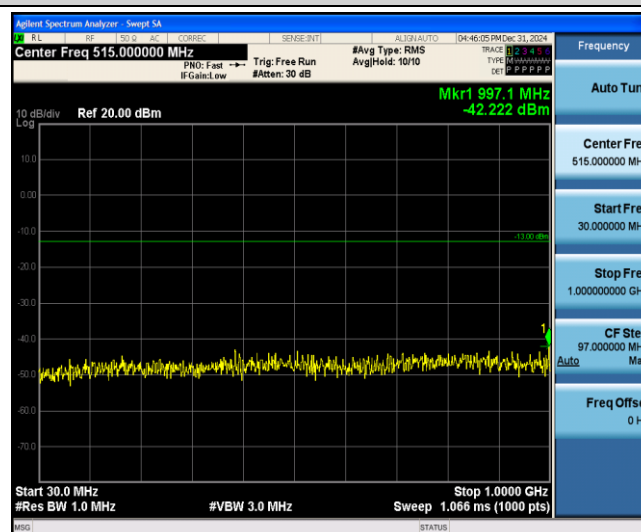
Band2-5MHz-QPSK-18625-1RB#0-Range2:1000~20000MHz



Band2-5MHz-QPSK-18900-1RB#0-Range1:30~1000MHz



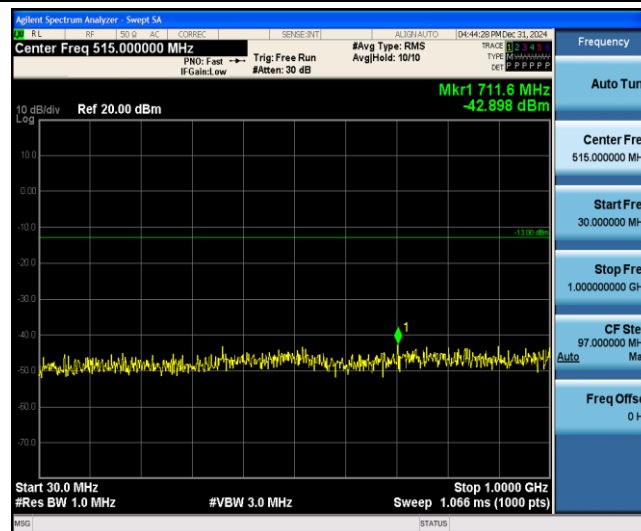
Band2-5MHz-QPSK-18900-1RB#0-Range2:1000~20000MHz



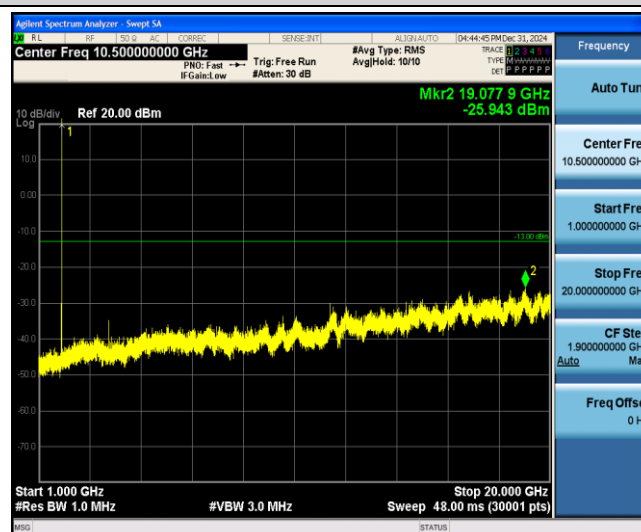
Band2-5MHz-QPSK-19175-1RB#0-Range1:30~1000MHz



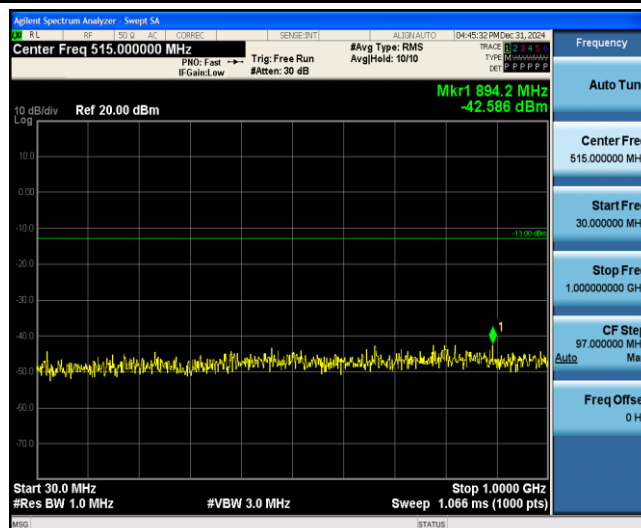
Band2-5MHz-QPSK-19175-1RB#0-Range2:1000~20000MHz



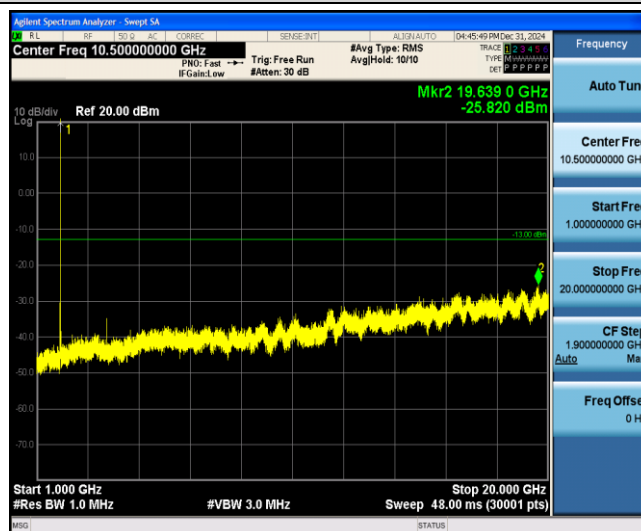
Band2-5MHz-16QAM-18625-1RB#0-Range1:30~1000MHz



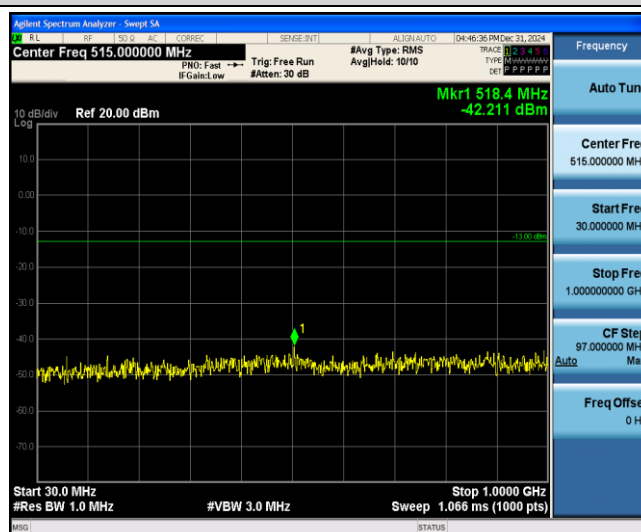
Band2-5MHz-16QAM-18625-1RB#0-Range2:1000~20000MHz



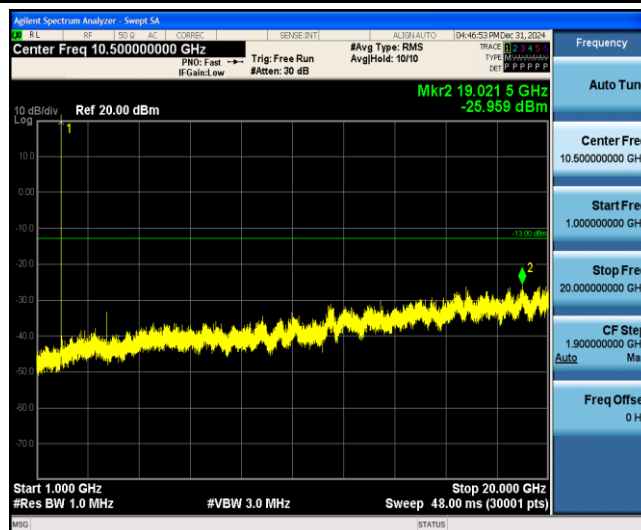
Band2-5MHz-16QAM-18900-1RB#0-Range1:30~1000MHz



Band2-5MHz-16QAM-18900-1RB#0-Range2:1000~20000MHz



Band2-5MHz-16QAM-19175-1RB#0-Range1:30~1000MHz



Band2-5MHz-16QAM-19175-1RB#0-Range2:1000~20000MHz

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	VL	NT	-28.41	-0.015351	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VN	NT	-21.25	-0.011482	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	VH	NT	-20.09	-0.010855	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VL	NT	-25.15	-0.013378	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VN	NT	29.97	0.015941	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	VH	NT	-21.58	-0.011479	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VL	NT	-27.16	-0.014225	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VN	NT	15.72	0.008233	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	VH	NT	-29.93	-0.015676	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VL	NT	-25.57	-0.013816	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VN	NT	-22.11	-0.011947	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	VH	NT	-21.13	-0.011417	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VL	NT	6.73	0.003580	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VN	NT	-19.32	-0.010277	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	VH	NT	17.47	0.009293	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VL	NT	-3.73	-0.001954	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VN	NT	-26.68	-0.013974	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	VH	NT	8.11	0.004248	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-30	-13.89	-0.007505	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	-20	-24.09	-0.013017	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	0	-11.15	-0.006025	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	10	-25.00	-0.013508	±2.5	PASS
Band2	1.4MHz	QPSK	18607	6RB#0	NV	20	-27.64	-0.014935	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-30	-11.97	-0.006367	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	-20	-4.74	-0.002521	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	0	-6.56	-0.003489	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	10	-11.28	-0.006000	±2.5	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	NV	20	-17.18	-0.009138	±2.5	PASS

Band2	1.4MHz	QPSK	19193	6RB#0	NV	-30	-12.60	-0.006599	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	-20	-26.77	-0.014021	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	0	-13.27	-0.006950	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	10	-12.26	-0.006421	±2.5	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	NV	20	-16.86	-0.008830	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-30	-16.15	-0.008726	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	-20	-26.44	-0.014286	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	0	-19.81	-0.010704	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	10	-23.43	-0.012660	±2.5	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	NV	20	-29.14	-0.015745	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-30	27.86	0.014819	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	-20	24.82	0.013202	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	0	18.67	0.009931	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	10	14.00	0.007447	±2.5	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	NV	20	27.51	0.014633	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-30	15.17	0.007945	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	-20	20.72	0.010852	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	0	12.24	0.006411	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	10	19.32	0.010119	±2.5	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	NV	20	28.14	0.014738	±2.5	PASS