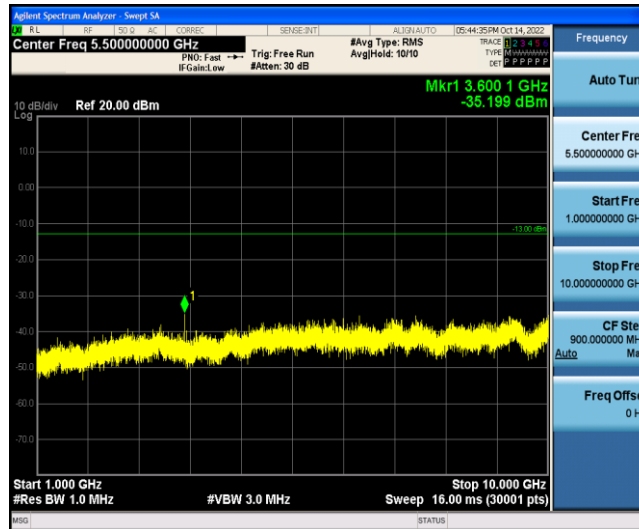
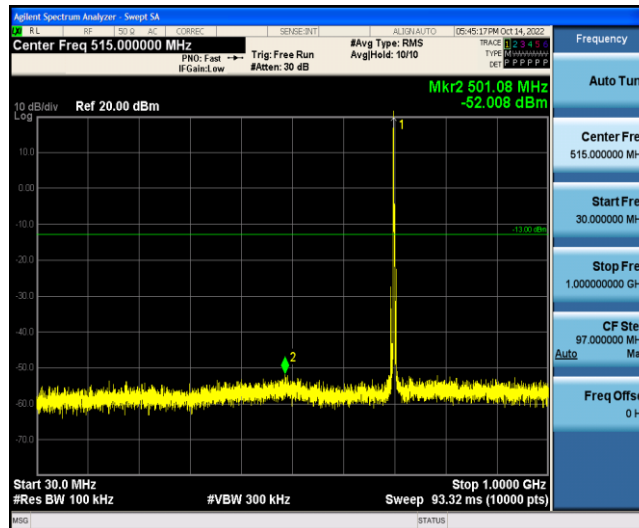
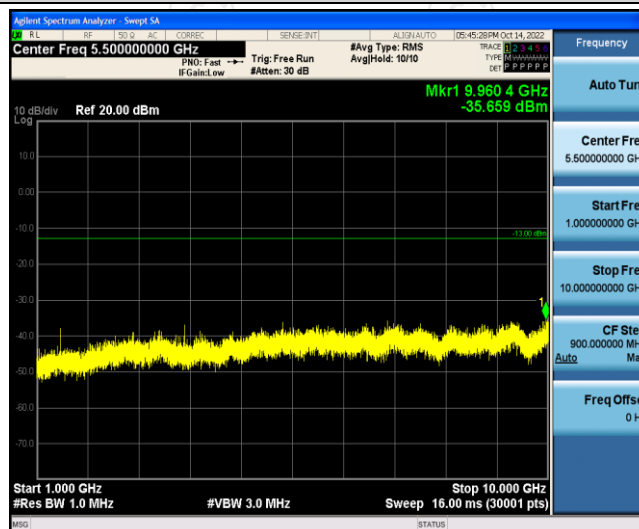




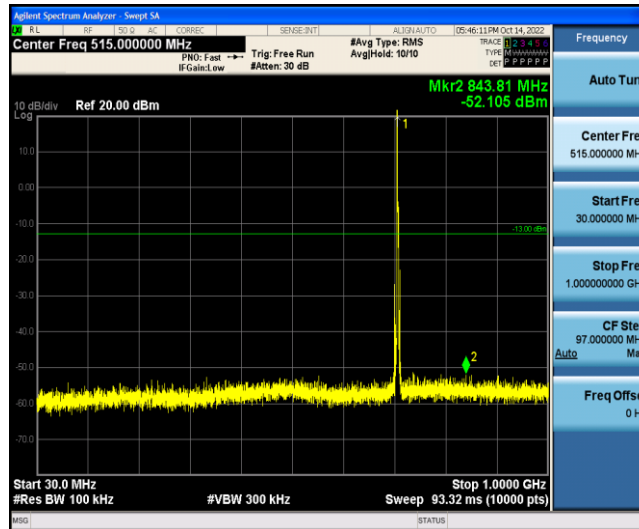
Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



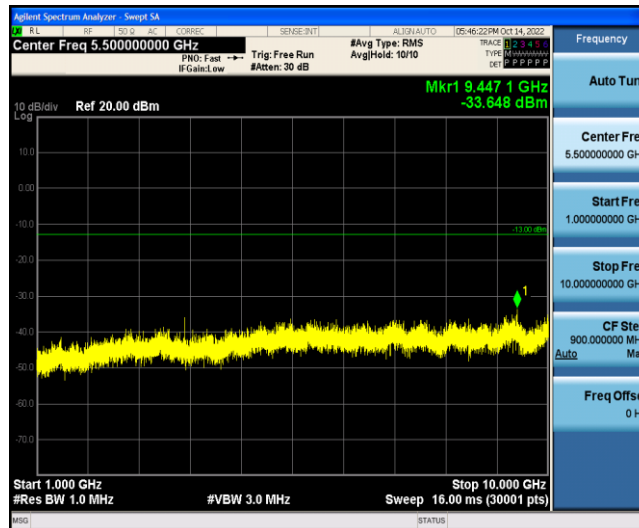
Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



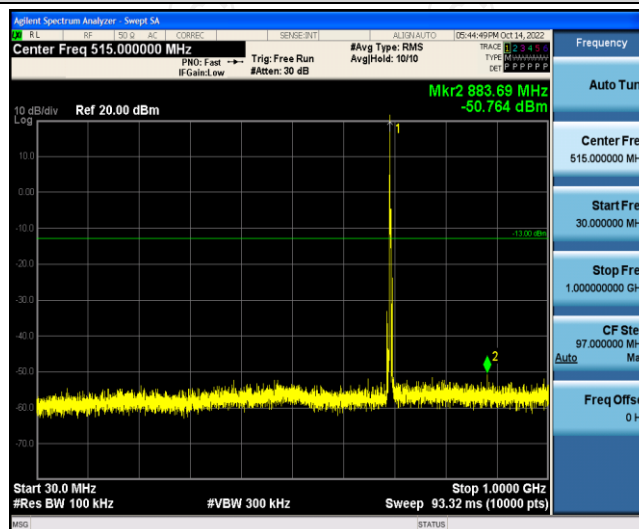
Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz



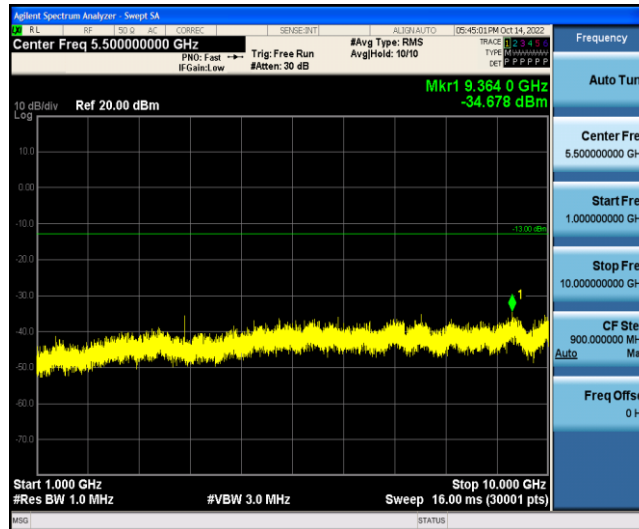
Band12-3MHz-QPSK-23165-1RB#0-Range2:1000~10000MHz



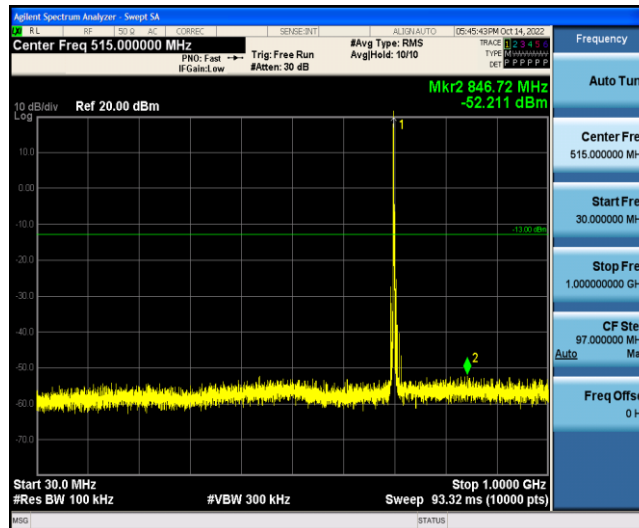
Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000MHz



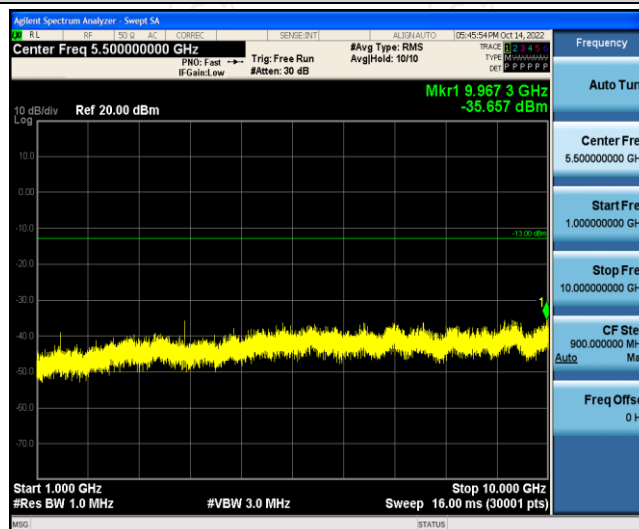
Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~10000MHz



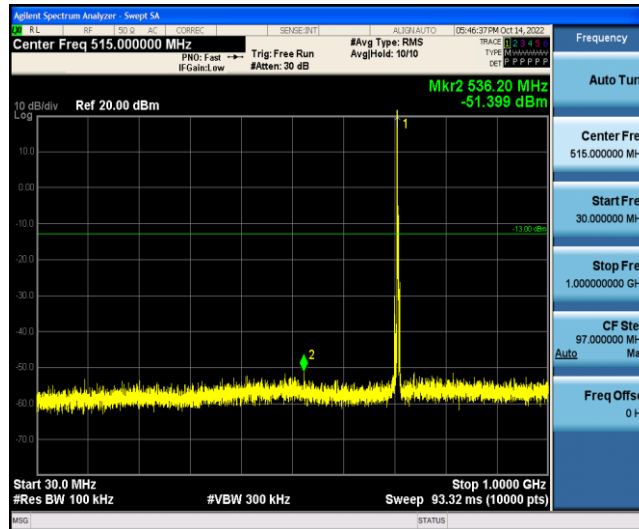
Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



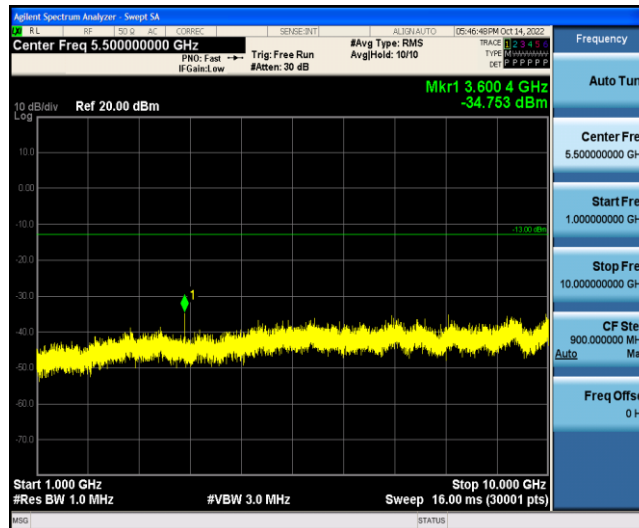
Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



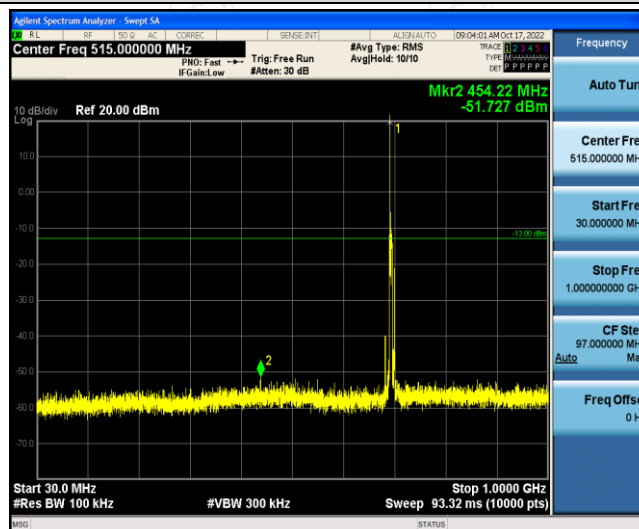
Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz



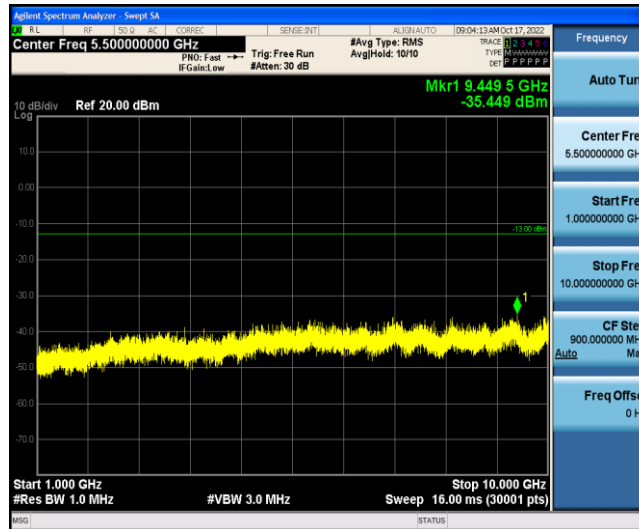
Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz



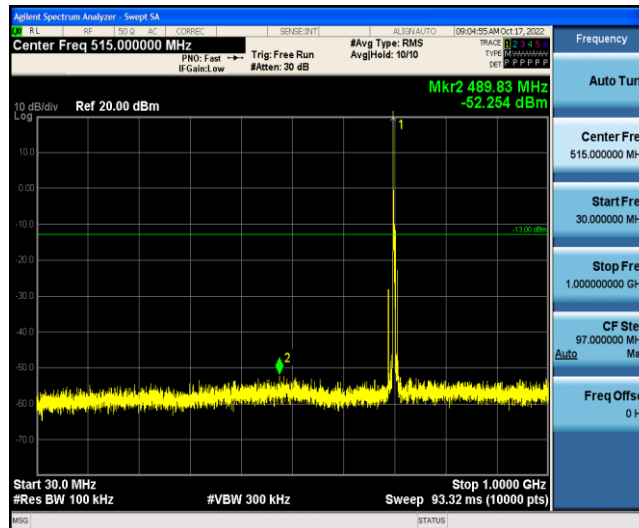
Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz



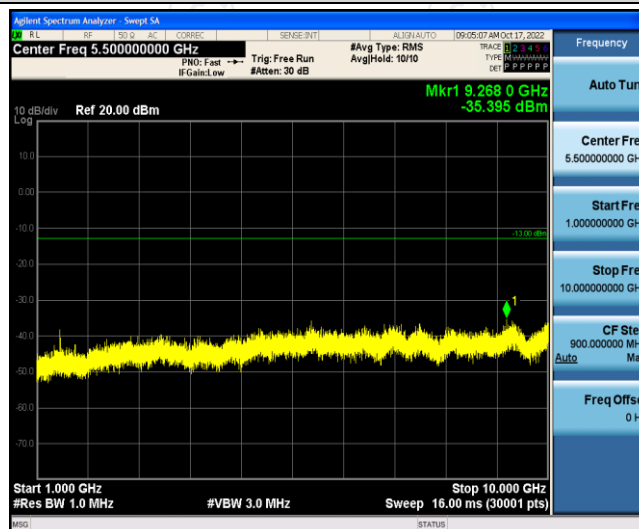
Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz



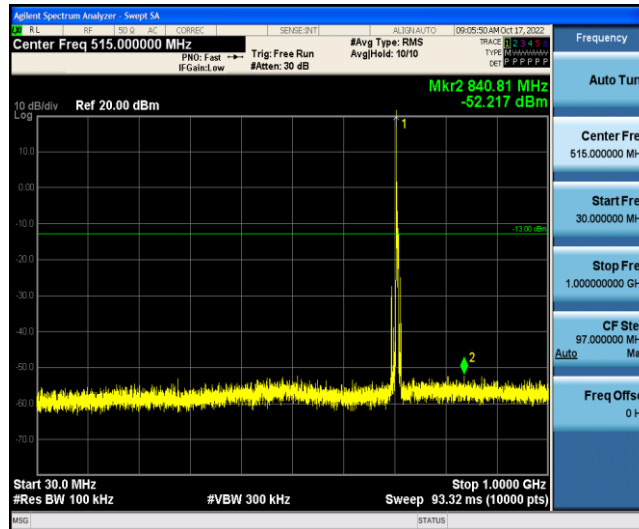
Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



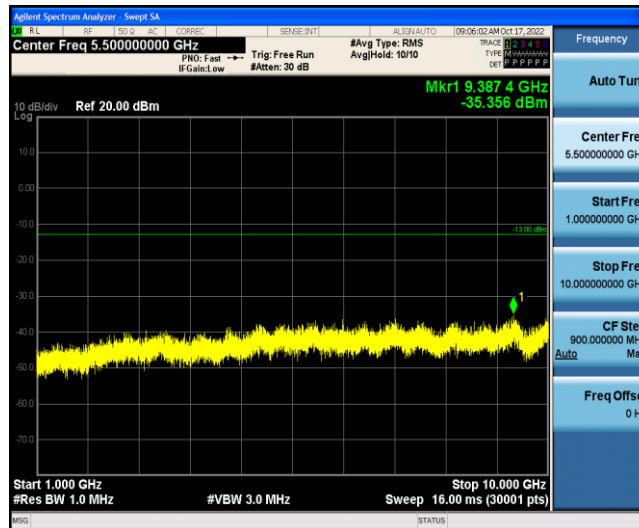
Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



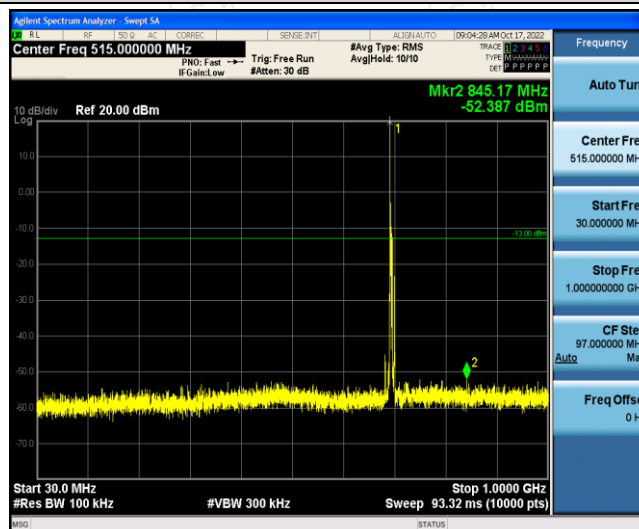
Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz



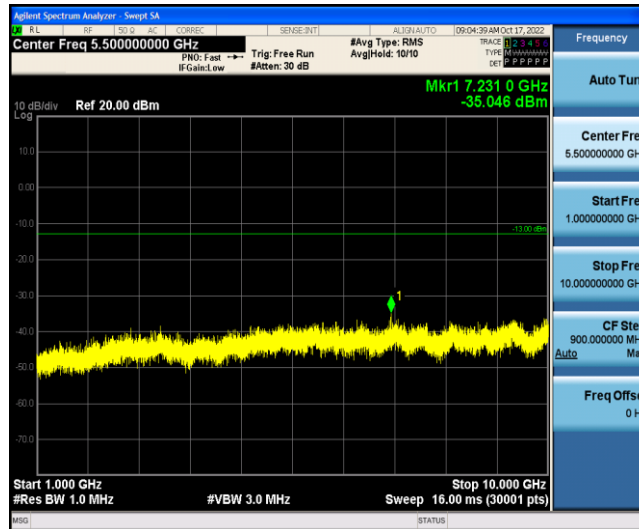
Band12-5MHz-QPSK-23155-1RB#0-Range2:1000~10000MHz



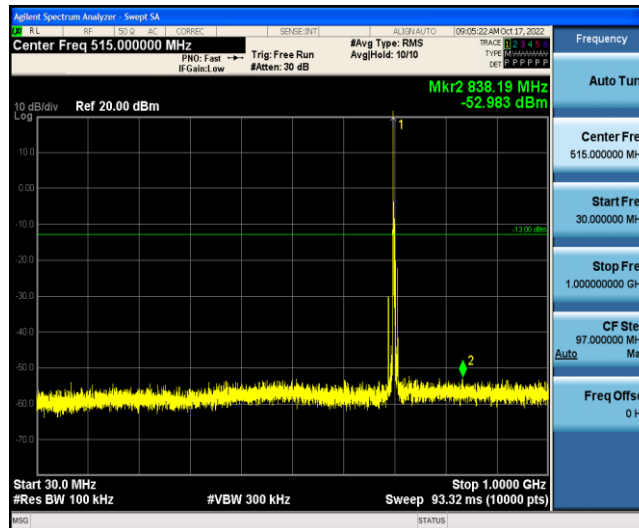
Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz



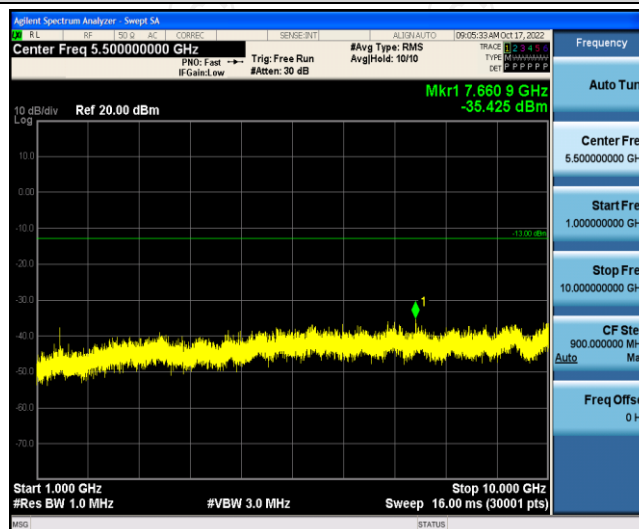
Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~10000MHz



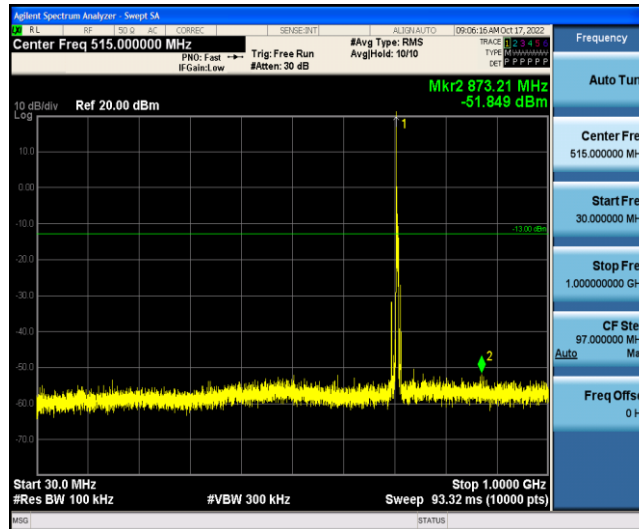
Band12-5MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



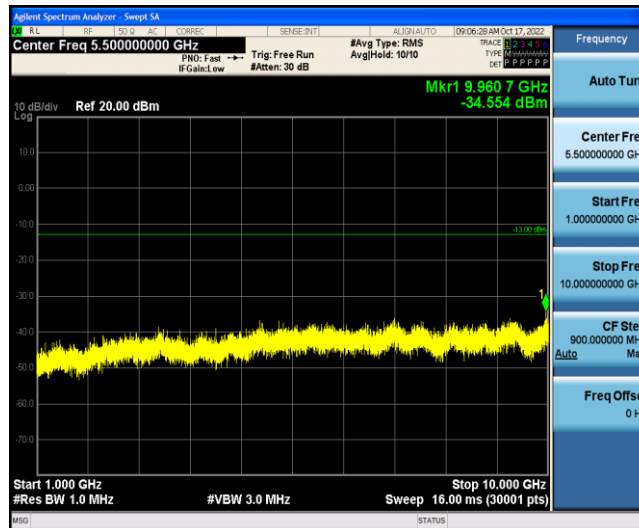
Band12-5MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



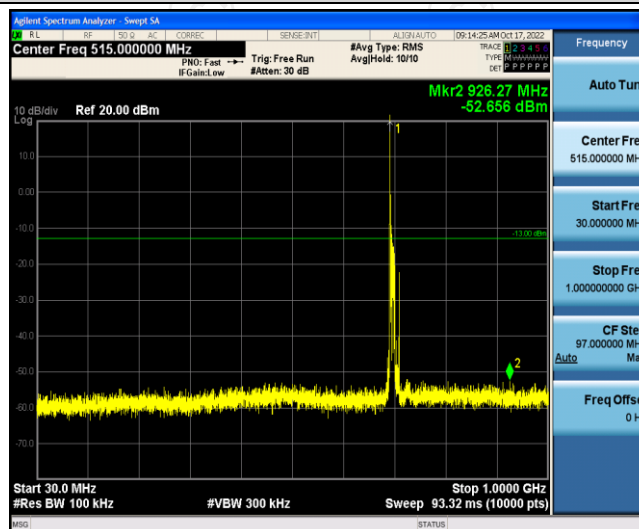
Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz



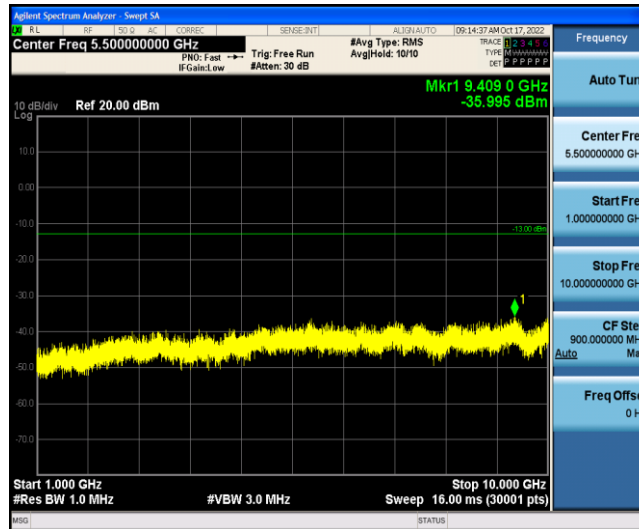
Band12-5MHz-16QAM-23155-1RB#0-Range2:1000~10000MHz



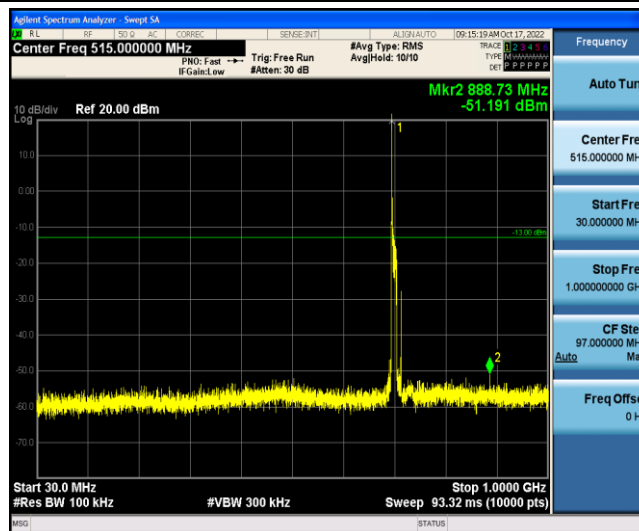
Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



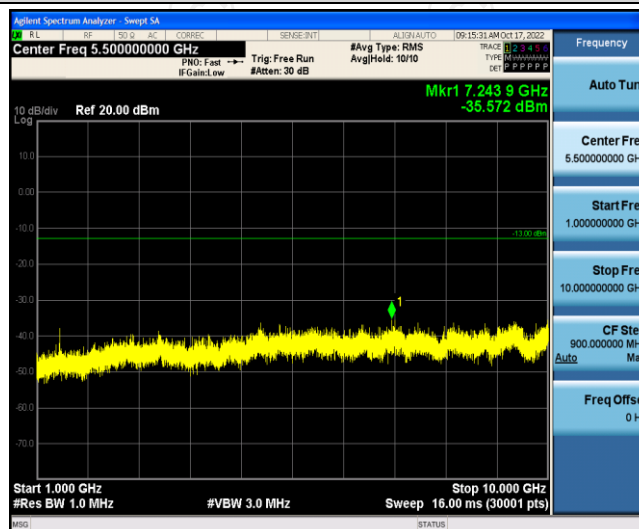
Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



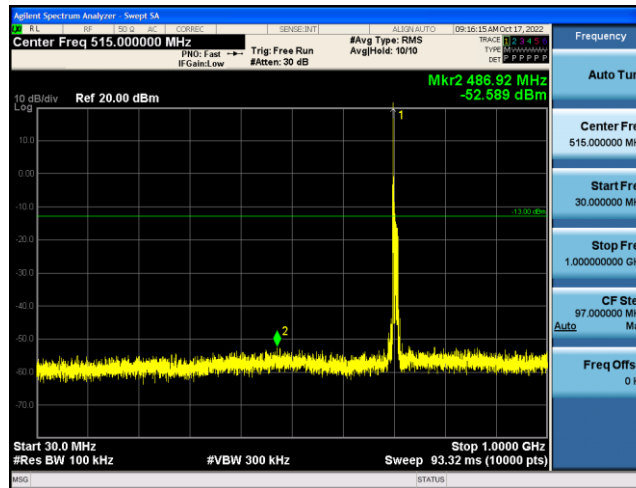
Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



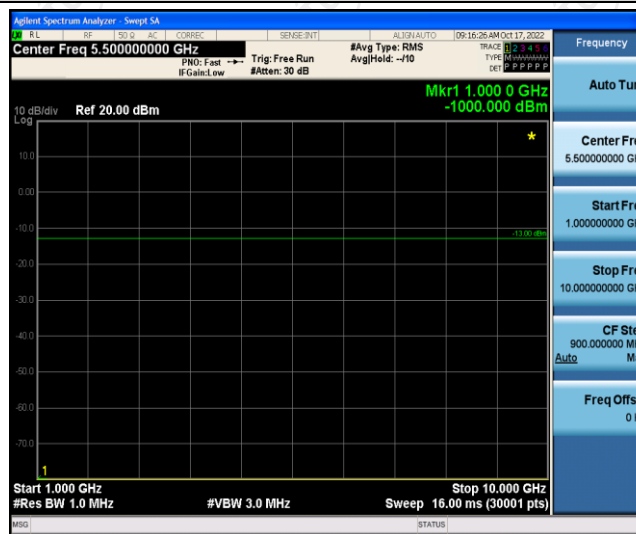
Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



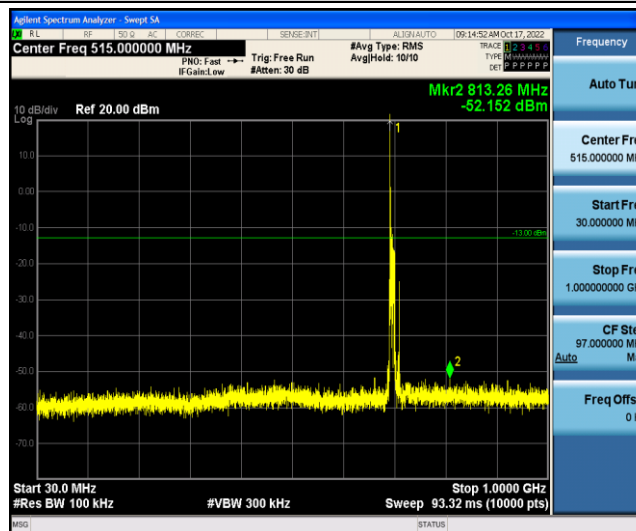
Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



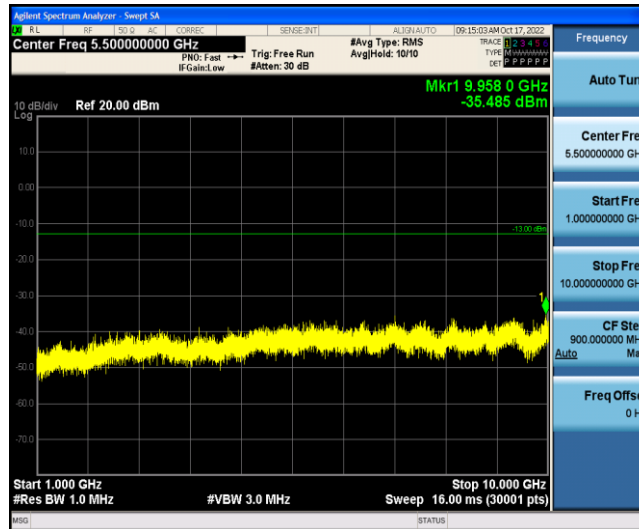
Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



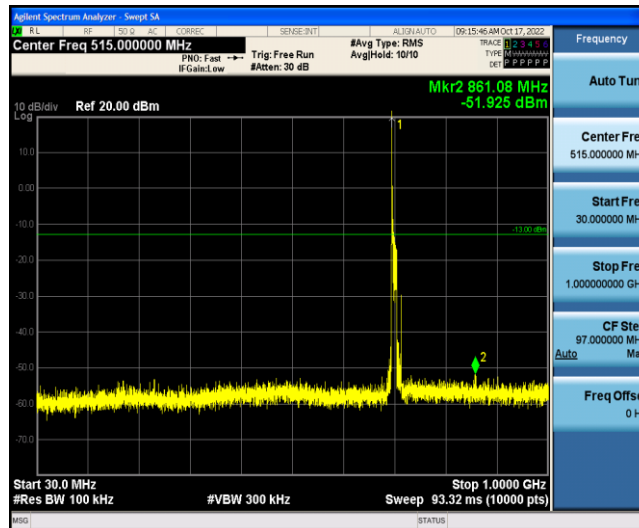
Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



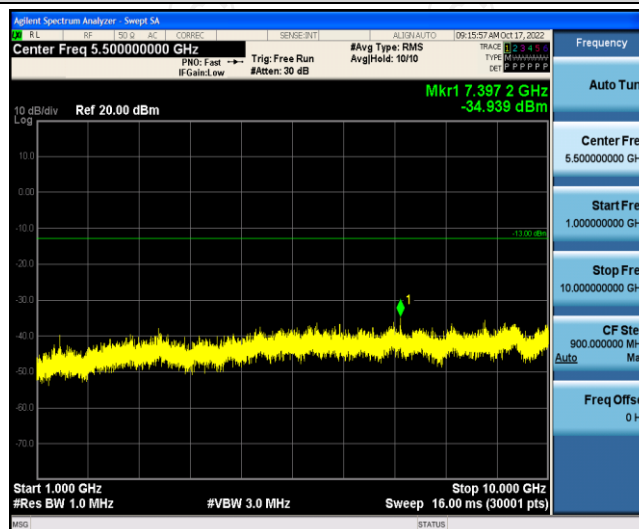
Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



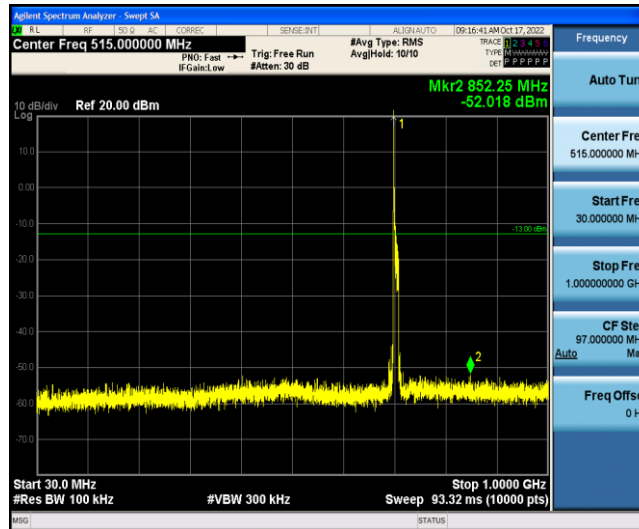
Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



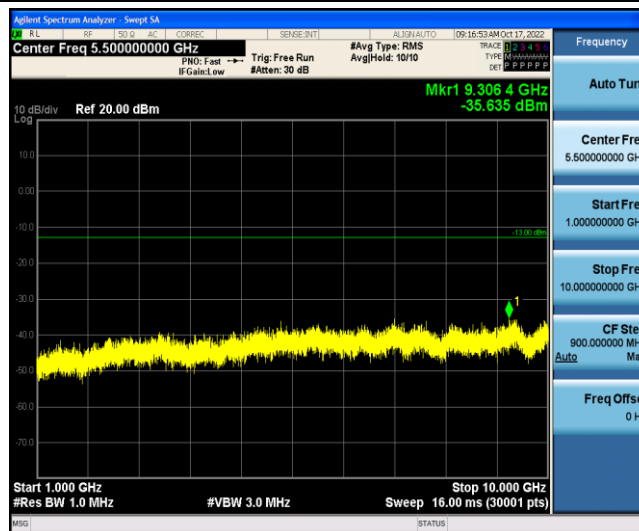
Band12-10MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



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



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



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	VL	NT	19.59	0.027998	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VN	NT	13.99	0.019994	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	VH	NT	18.26	0.026097	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VL	NT	9.70	0.013710	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VN	NT	3.73	0.005272	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	VH	NT	1.64	0.002318	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VL	NT	-6.97	-0.009744	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VN	NT	-11.03	-0.015420	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	VH	NT	-9.67	-0.013519	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VL	NT	-1.32	-0.001887	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VN	NT	-2.19	-0.003130	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	VH	NT	6.12	0.008747	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VL	NT	-40.71	-0.057541	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VN	NT	-37.66	-0.053230	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	VH	NT	-33.78	-0.047746	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VL	NT	-27.37	-0.038264	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VN	NT	-28.06	-0.039228	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	VH	NT	-22.21	-0.031050	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-30	13.35	0.019080	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	-20	11.31	0.016164	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	0	8.69	0.012420	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	10	5.04	0.007203	±2.5	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	NV	20	1.64	0.002344	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-30	-9.53	-0.013470	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	-20	-14.46	-0.020438	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	0	-20.85	-0.029470	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	10	-26.20	-0.037032	±2.5	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	NV	20	-31.35	-0.044311	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	-30	-13.52	-0.018901	±2.5	PASS

Band12	1.4MHz	QPSK	23173	6RB#0	NV	-20	-16.07	-0.022466	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	0	-19.77	-0.027639	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	10	-23.03	-0.032196	±2.5	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	NV	20	-25.39	-0.035496	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-30	9.23	0.013191	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	-20	12.26	0.017522	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	0	14.27	0.020394	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	10	16.61	0.023739	±2.5	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	NV	20	20.79	0.029713	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-30	-29.44	-0.041611	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	-20	-27.01	-0.038177	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	0	-24.37	-0.034445	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	10	-24.09	-0.034049	±2.5	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	NV	20	-22.85	-0.032297	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-30	-17.62	-0.024633	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	-20	-15.45	-0.021599	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	0	-16.14	-0.022564	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	10	-13.49	-0.018859	±2.5	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	NV	20	-11.44	-0.015993	±2.5	PASS