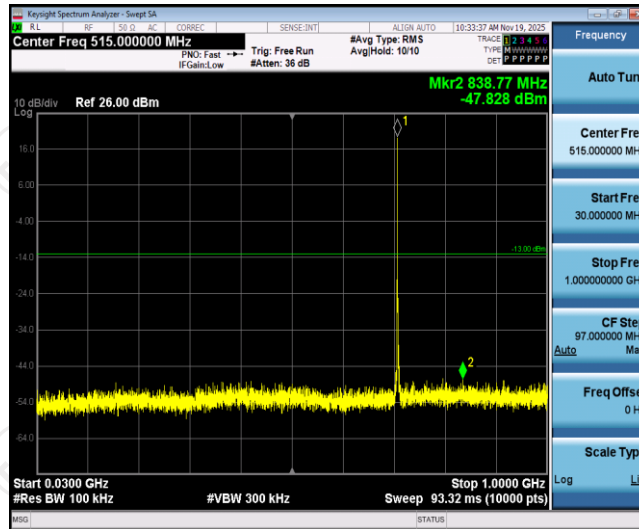
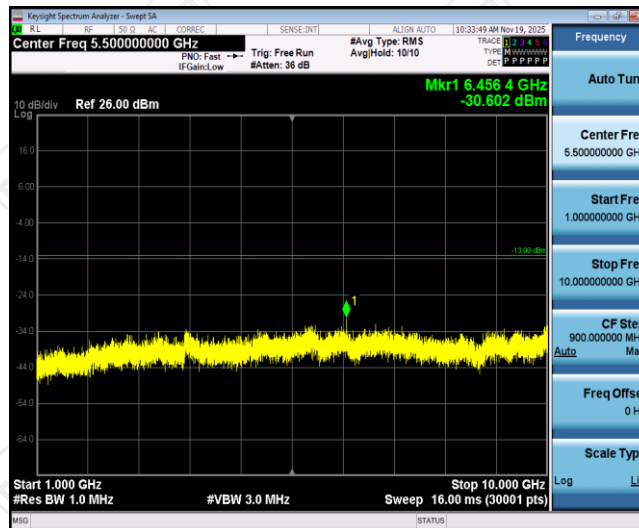
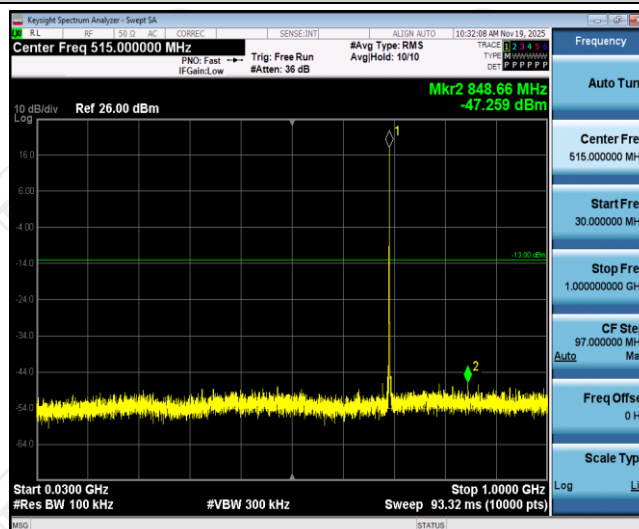




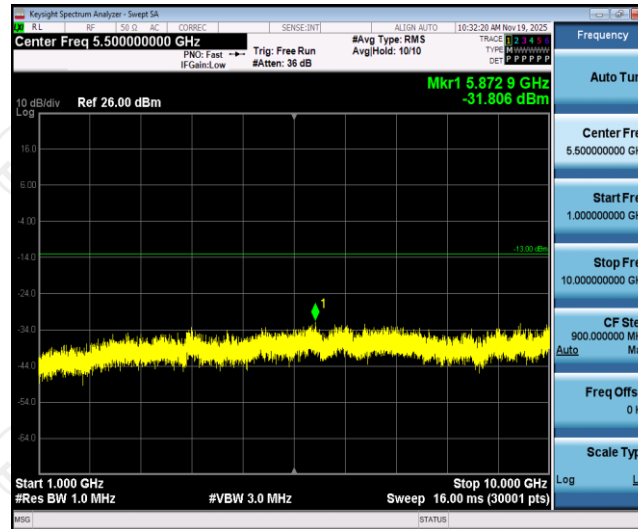
Band12-1.4MHz-QPSK-23173-1RB#0-Range1:30~1000MHz



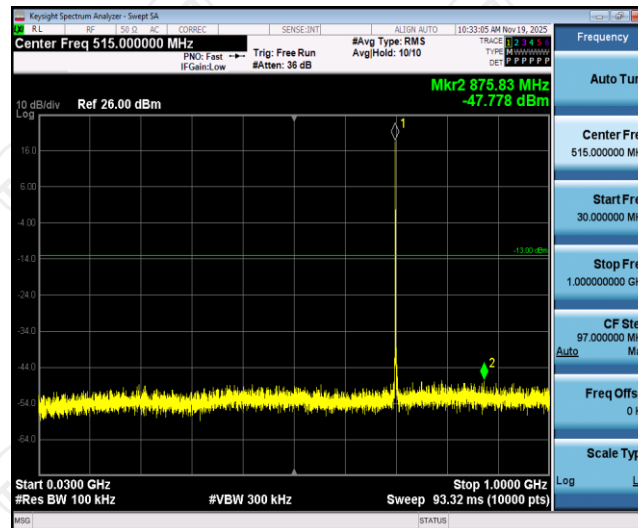
Band12-1.4MHz-QPSK-23173-1RB#0-Range2:1000~10000MHz



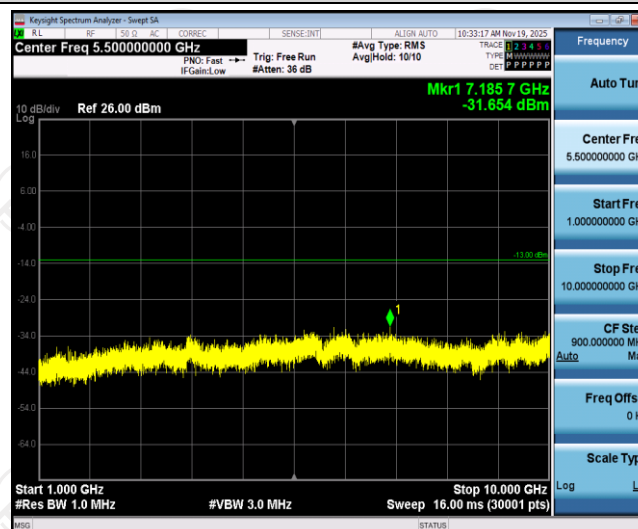
Band12-1.4MHz-16QAM-23017-1RB#0-Range1:30~1000MHz



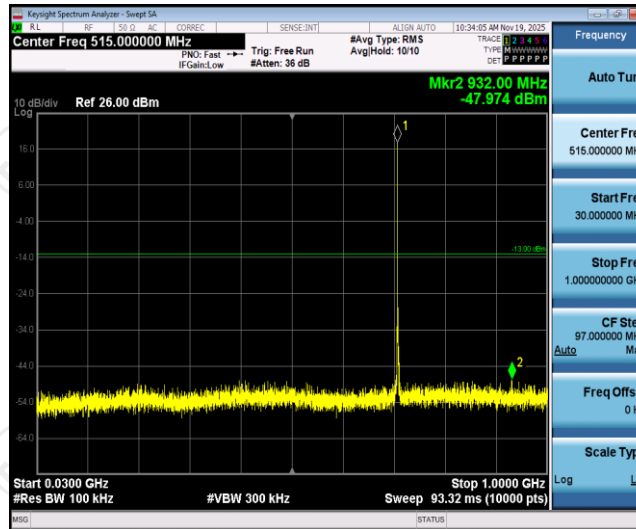
Band12-1.4MHz-16QAM-23017-1RB#0-Range2:1000~10000MHz



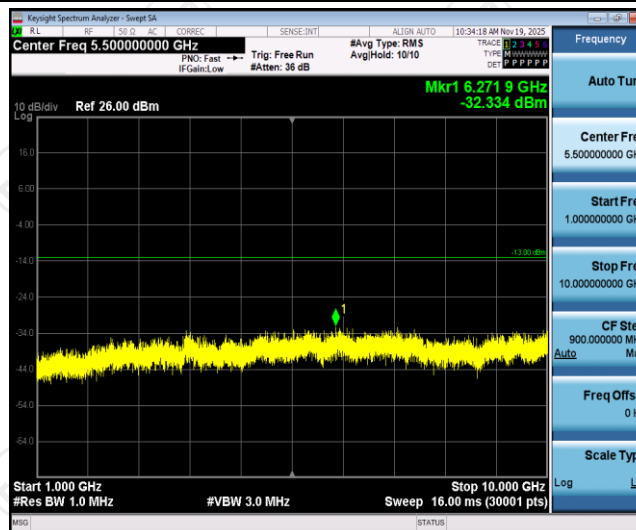
Band12-1.4MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



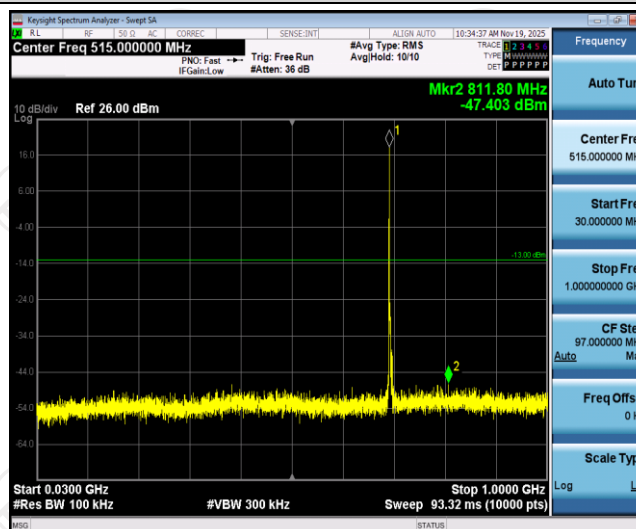
Band12-1.4MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



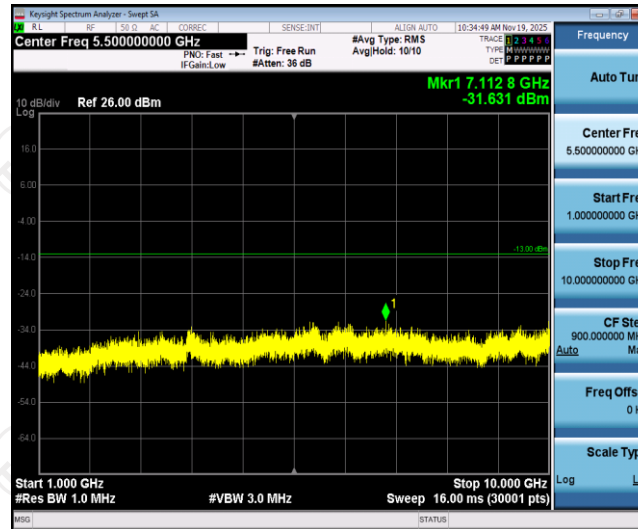
Band12-1.4MHz-16QAM-23173-1RB#0-Range1:30~1000MHz



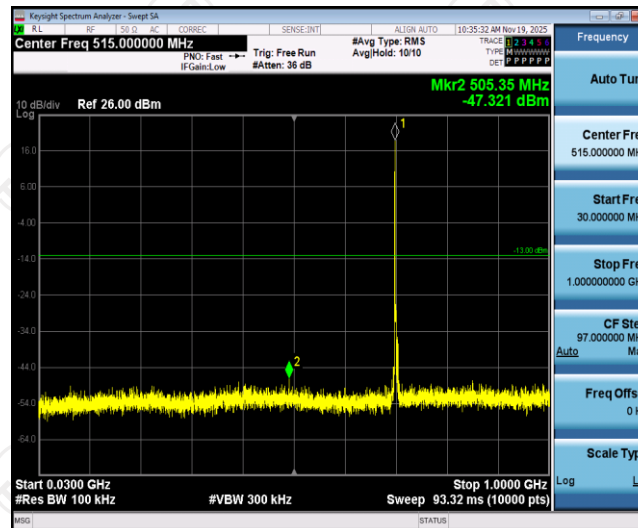
Band12-1.4MHz-16QAM-23173-1RB#0-Range2:1000~10000MHz



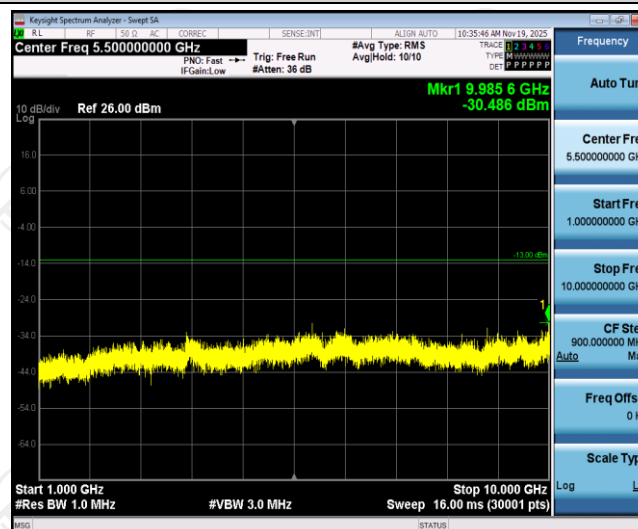
Band12-3MHz-QPSK-23025-1RB#0-Range1:30~1000MHz



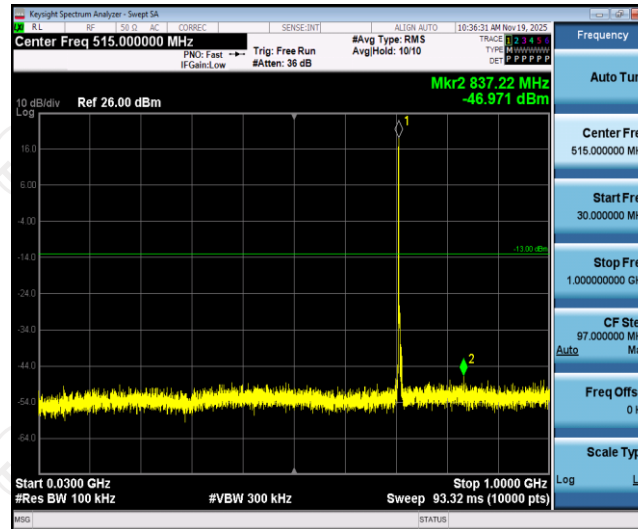
Band12-3MHz-QPSK-23025-1RB#0-Range2:1000~10000MHz



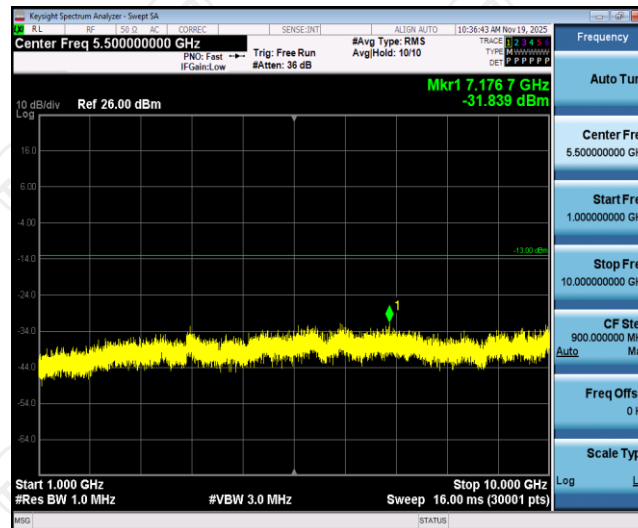
Band12-3MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



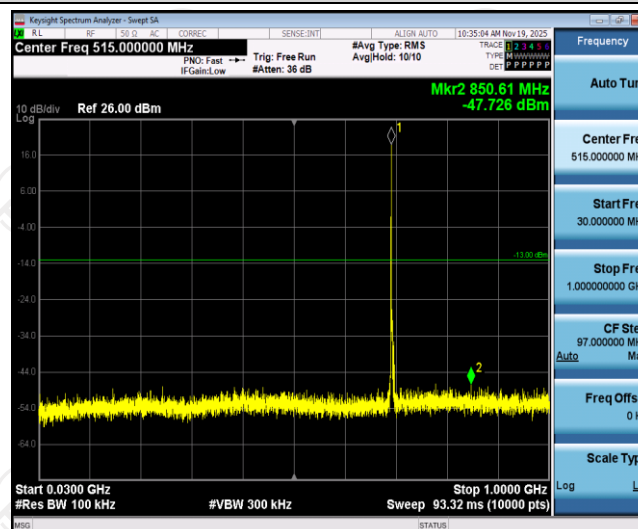
Band12-3MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



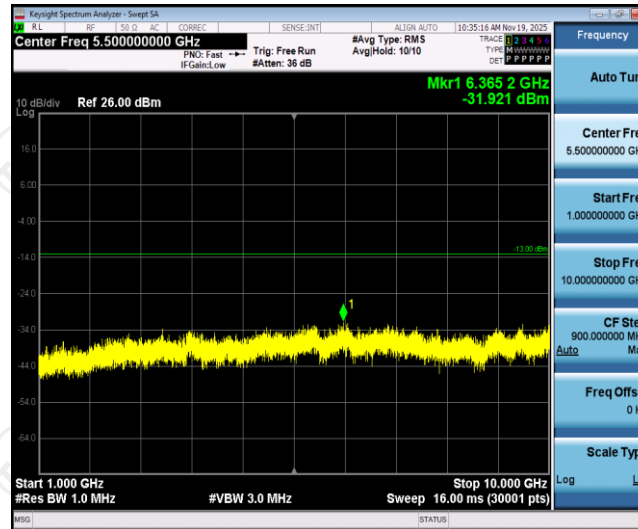
Band12-3MHz-QPSK-23165-1RB#0-Range1:30~1000MHz



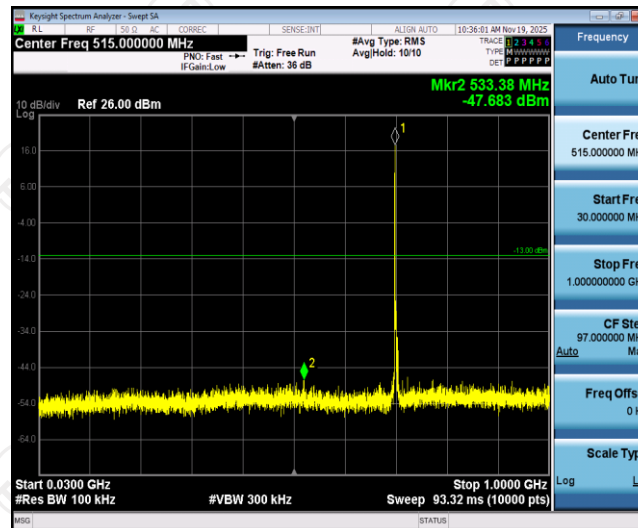
Band12-3MHz-QPSK-23165-1RB#0-Range2:1000~10000MHz



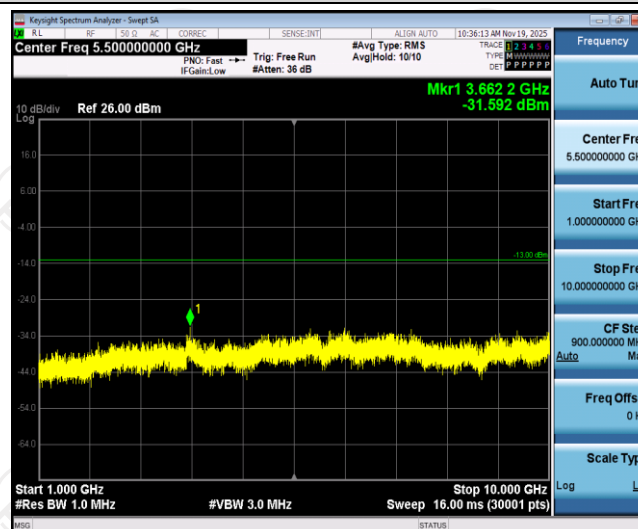
Band12-3MHz-16QAM-23025-1RB#0-Range1:30~1000MHz



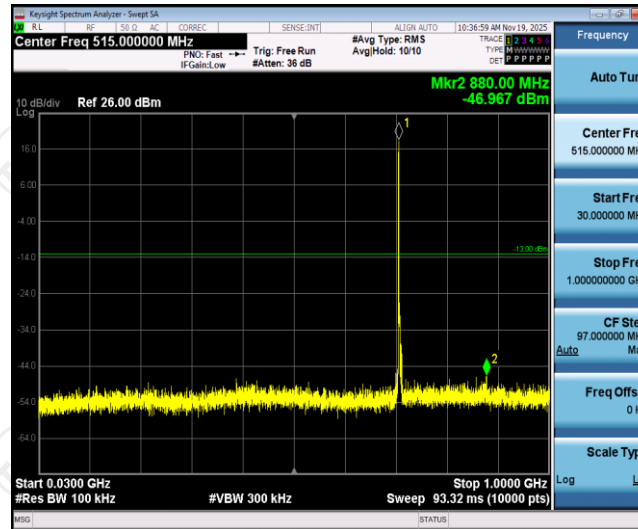
Band12-3MHz-16QAM-23025-1RB#0-Range2:1000~10000MHz



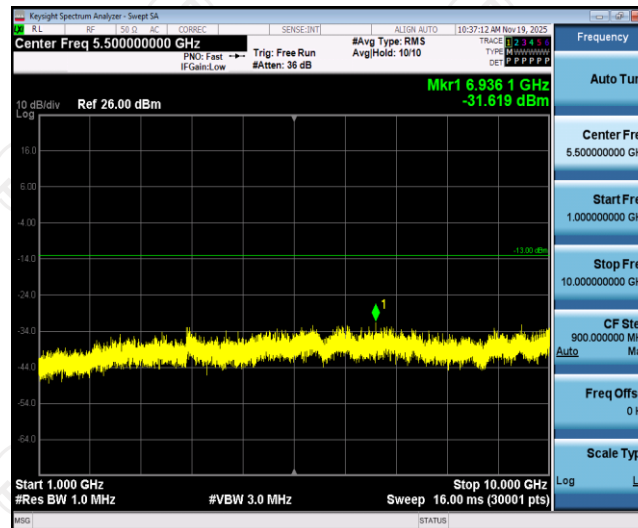
Band12-3MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



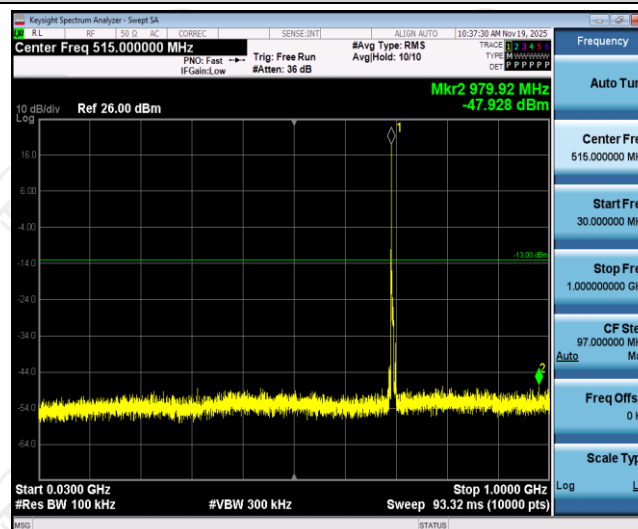
Band12-3MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



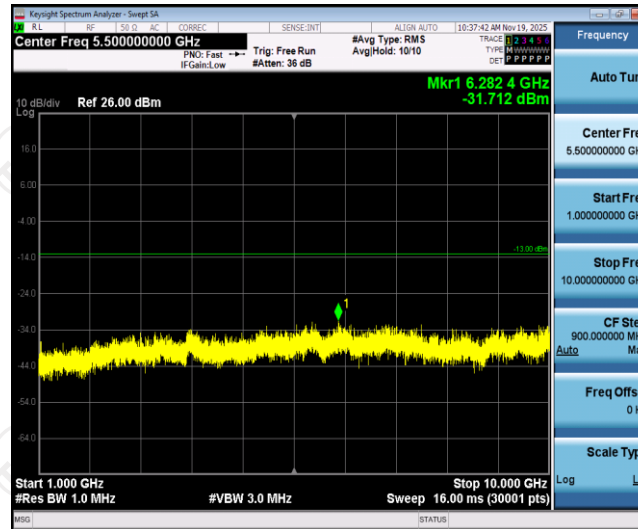
Band12-3MHz-16QAM-23165-1RB#0-Range1:30~1000MHz



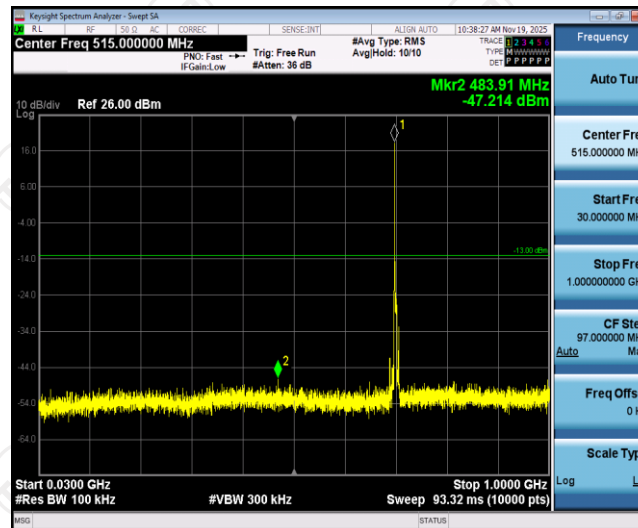
Band12-3MHz-16QAM-23165-1RB#0-Range2:1000~10000MHz



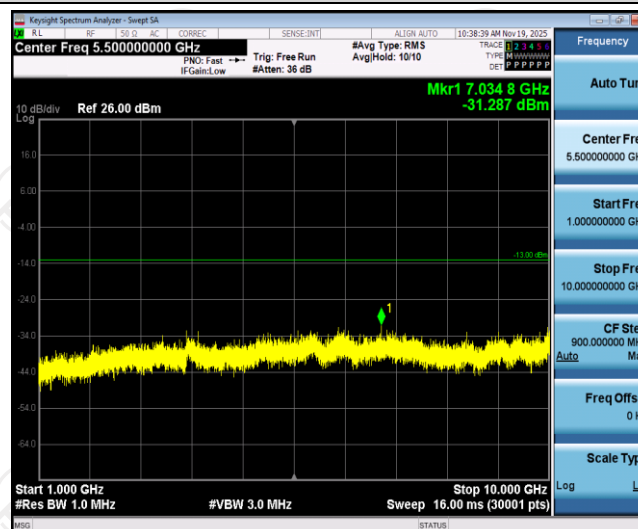
Band12-5MHz-QPSK-23035-1RB#0-Range1:30~1000MHz



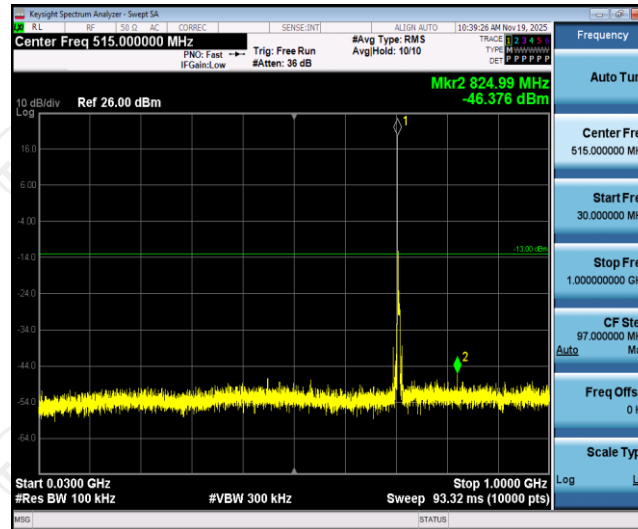
Band12-5MHz-QPSK-23035-1RB#0-Range2:1000~10000MHz



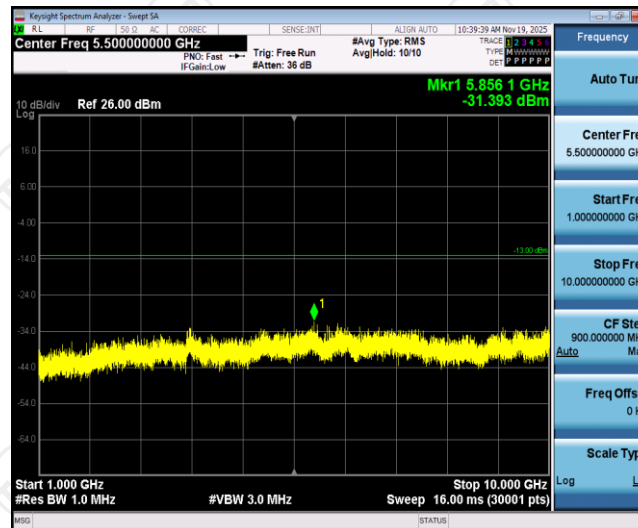
Band12-5MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



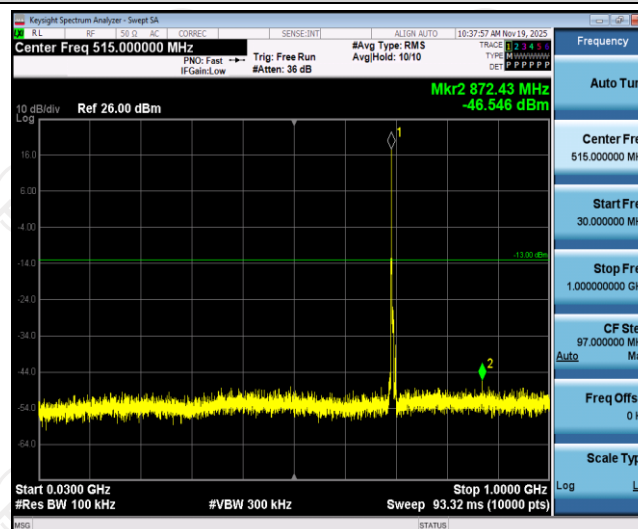
Band12-5MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



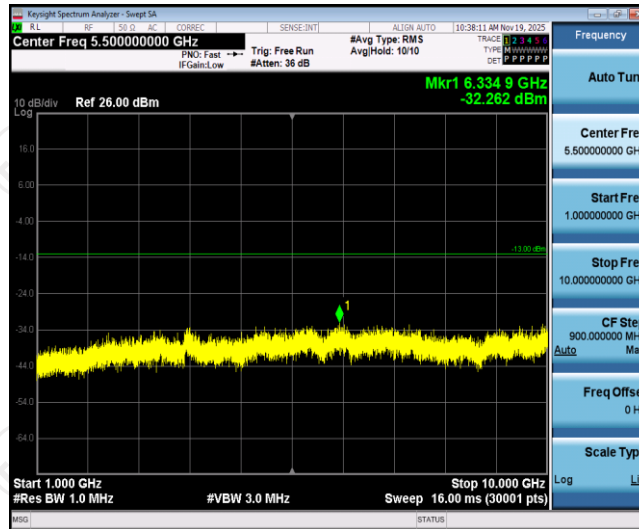
Band12-5MHz-QPSK-23155-1RB#0-Range1:30~1000MHz



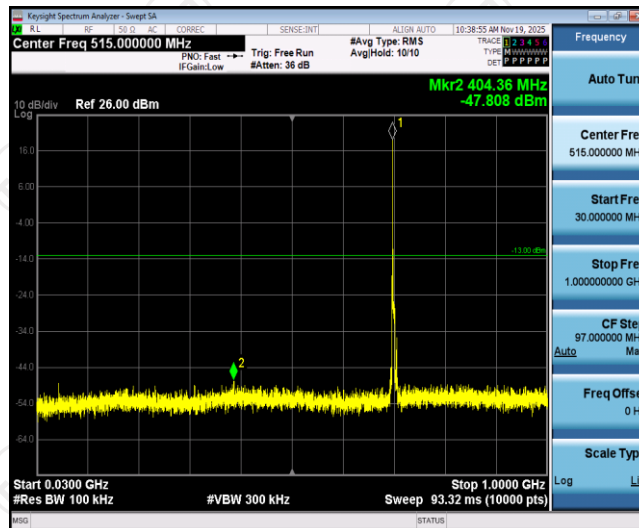
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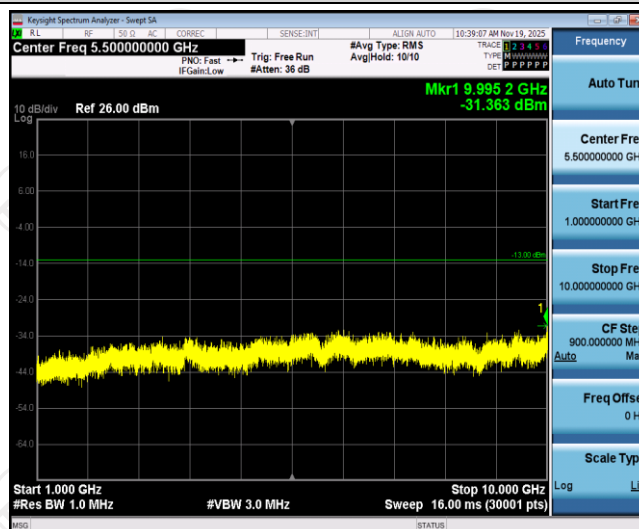
Band12-5MHz-16QAM-23035-1RB#0-Range1:30~1000MHz



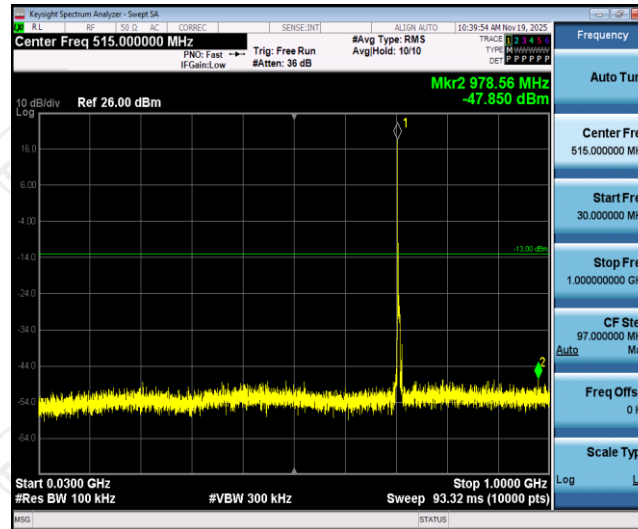
Band12-5MHz-16QAM-23035-1RB#0-Range2:1000~10000MHz



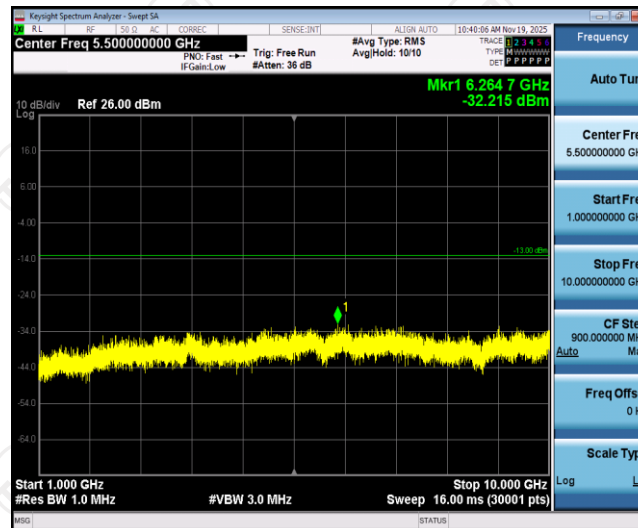
Band12-5MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



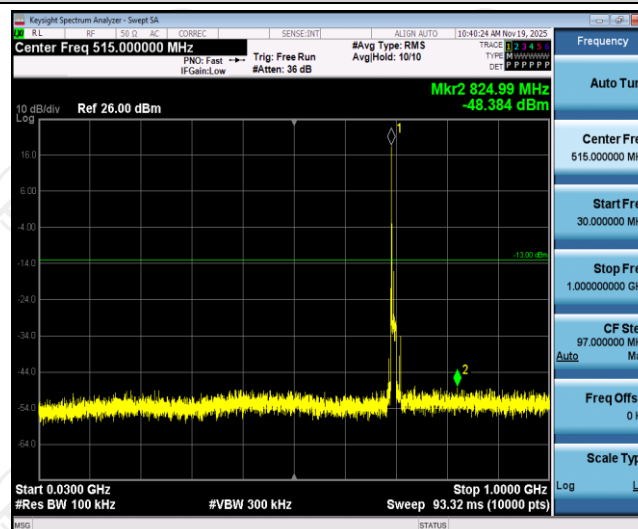
Band12-5MHz-16QAM-23095-1RB#0-Range2:1000~10000MHz



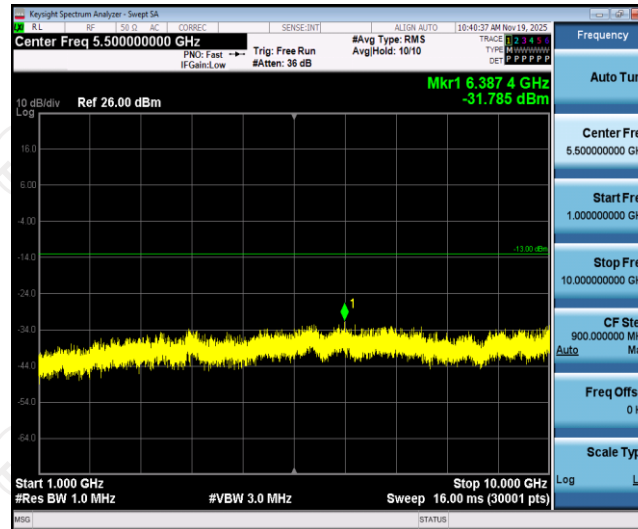
Band12-5MHz-16QAM-23155-1RB#0-Range1:30~1000MHz



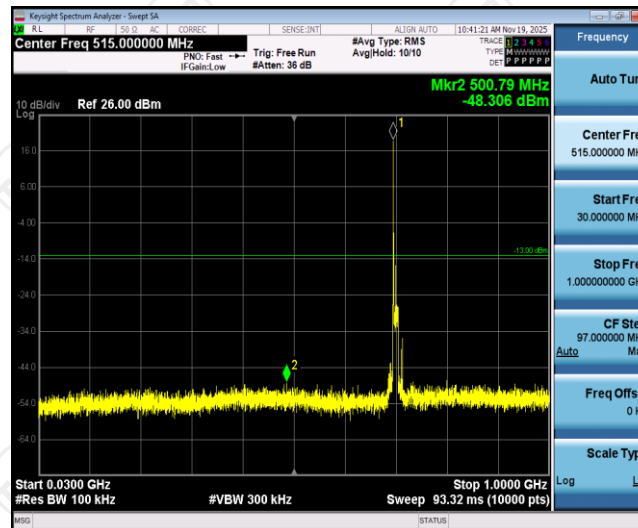
Band12-5MHz-16QAM-23155-1RB#0-Range2:1000~10000MHz



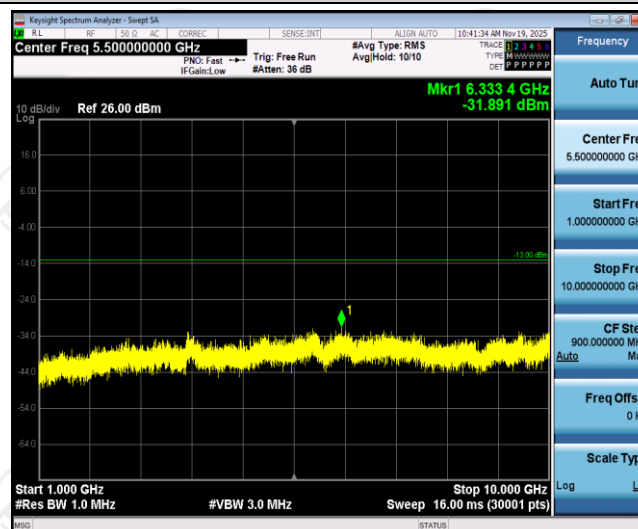
Band12-10MHz-QPSK-23060-1RB#0-Range1:30~1000MHz



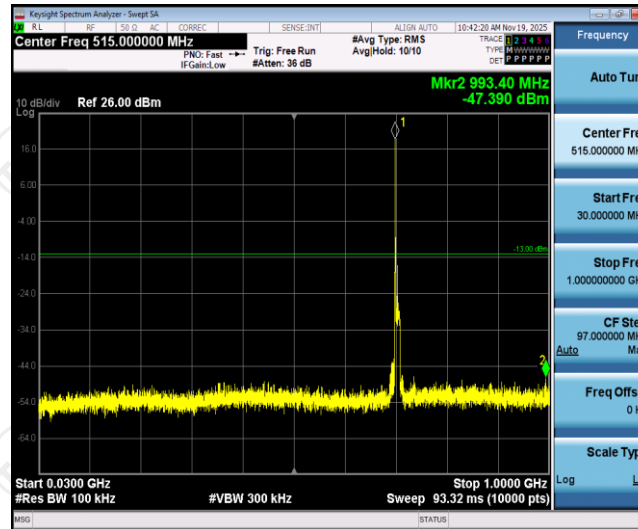
Band12-10MHz-QPSK-23060-1RB#0-Range2:1000~10000MHz



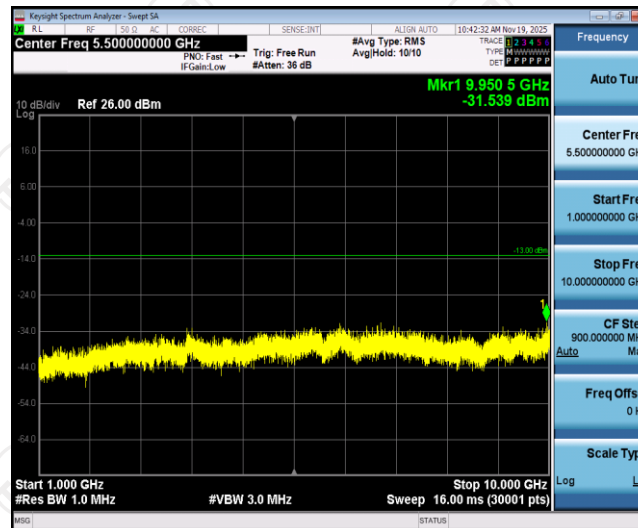
Band12-10MHz-QPSK-23095-1RB#0-Range1:30~1000MHz



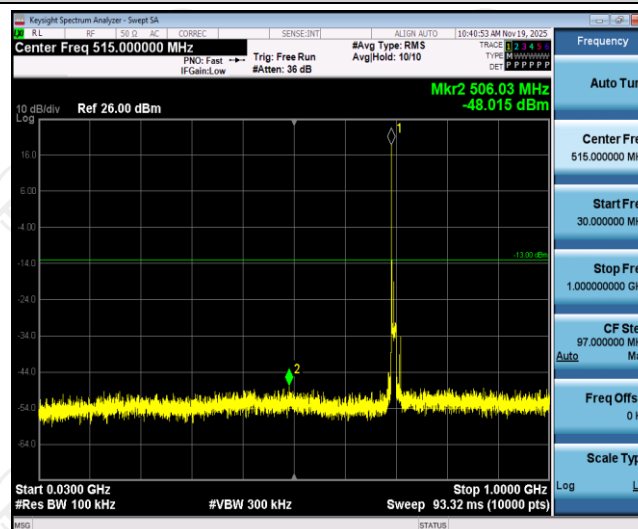
Band12-10MHz-QPSK-23095-1RB#0-Range2:1000~10000MHz



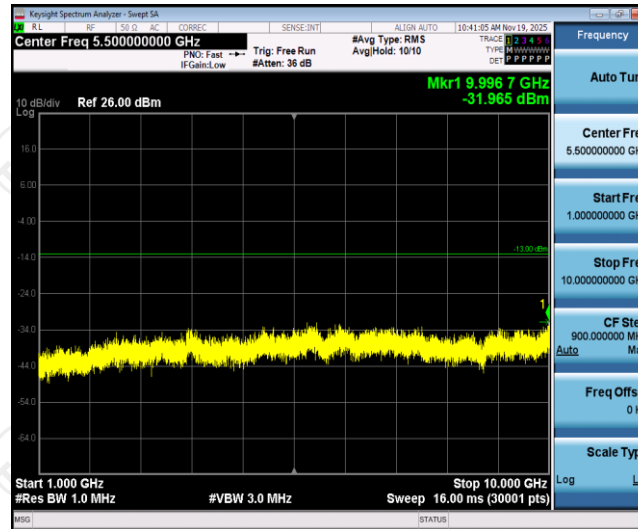
Band12-10MHz-QPSK-23130-1RB#0-Range1:30~1000MHz



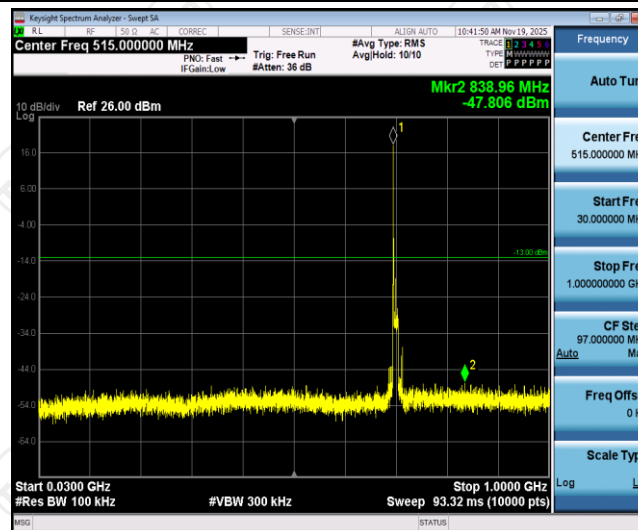
Band12-10MHz-QPSK-23130-1RB#0-Range2:1000~10000MHz



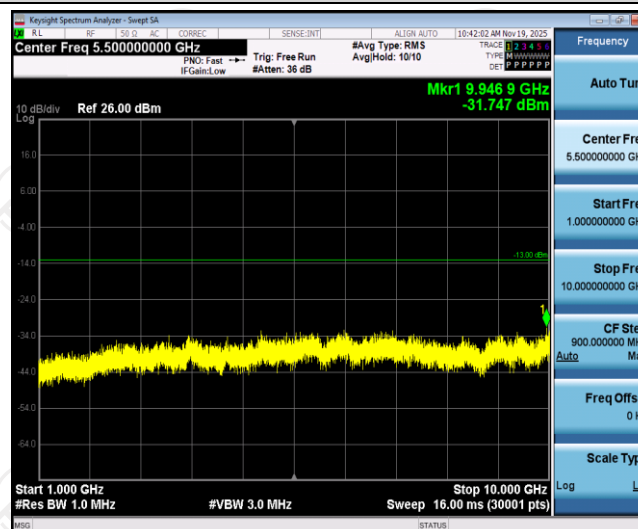
Band12-10MHz-16QAM-23060-1RB#0-Range1:30~1000MHz



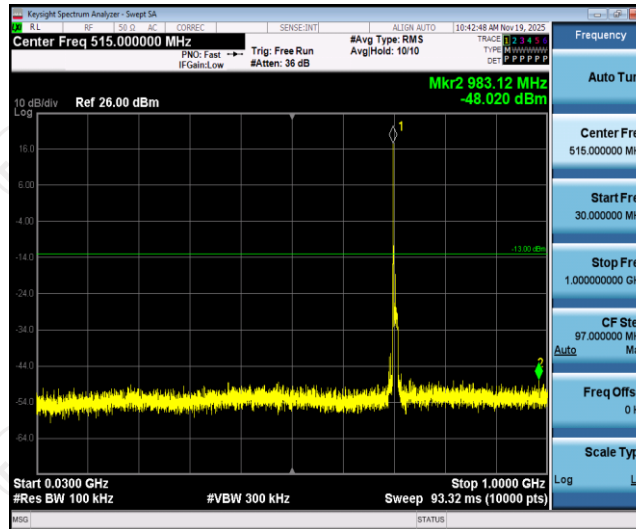
Band12-10MHz-16QAM-23060-1RB#0-Range2:1000~10000MHz



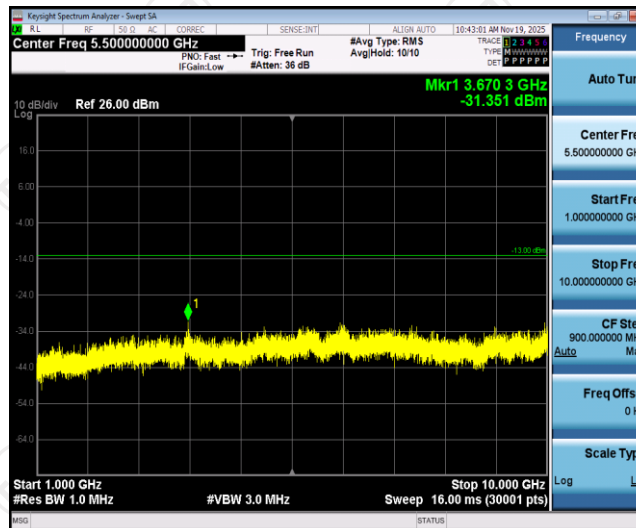
Band12-10MHz-16QAM-23095-1RB#0-Range1:30~1000MHz



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
Band1 2	10MHz	QPSK	23060	50RB#0	VL	NT	-4.29	-0.006094	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VN	NT	-1.74	-0.002472	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	VH	NT	1.54	0.002188	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VL	NT	-2.11	-0.002982	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VN	NT	2.04	0.002883	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	VH	NT	3.37	0.004763	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VL	NT	-2.46	-0.003460	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VN	NT	1.38	0.001941	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	VH	NT	-2.04	-0.002869	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VL	NT	-1.74	-0.002472	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VN	NT	-2.31	-0.003281	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	VH	NT	-5.48	-0.007784	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VL	NT	-3.71	-0.005244	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VN	NT	1.28	0.001809	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	VH	NT	-5.13	-0.007251	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VL	NT	-3.08	-0.004332	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	VN	NT	-2.30	-0.003235	±2.5	PASS

Band1 2	10MHz	16QAM	23130	50RB#0	VH	NT	-6.78	-0.009536	±2.5	PASS
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Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-30	-5.54	-0.007869	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	-20	-4.28	-0.006080	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	0	-3.96	-0.005625	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	10	-3.17	-0.004503	±2.5	PASS
Band1 2	10MHz	QPSK	23060	50RB#0	NV	20	-3.04	-0.004318	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-30	-1.27	-0.001795	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	-20	-4.83	-0.006827	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	0	-4.17	-0.005894	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	10	-6.64	-0.009385	±2.5	PASS
Band1 2	10MHz	QPSK	23095	50RB#0	NV	20	-4.50	-0.006360	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-30	-2.51	-0.003530	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	-20	-5.17	-0.007271	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	0	-3.59	-0.005049	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	10	-2.94	-0.004135	±2.5	PASS
Band1 2	10MHz	QPSK	23130	50RB#0	NV	20	-2.43	-0.003418	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-30	1.08	0.001534	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	-20	-4.02	-0.005710	±2.5	PASS
Band1	10MHz	16QAM	23060	50RB#0	NV	0	-1.36	-0.001932	±2.5	PASS

2										
Band1 2	10MHz	16QAM	23060	50RB#0	NV	10	-4.78	-0.006790	±2.5	PASS
Band1 2	10MHz	16QAM	23060	50RB#0	NV	20	2.36	0.003352	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-30	-2.57	-0.003633	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	-20	2.10	0.002968	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	0	-3.19	-0.004509	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	10	-3.61	-0.005102	±2.5	PASS
Band1 2	10MHz	16QAM	23095	50RB#0	NV	20	-5.68	-0.008028	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-30	-4.02	-0.005654	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	-20	-1.53	-0.002152	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	0	-5.08	-0.007145	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	10	2.61	0.003671	±2.5	PASS
Band1 2	10MHz	16QAM	23130	50RB#0	NV	20	-4.63	-0.006512	±2.5	PASS