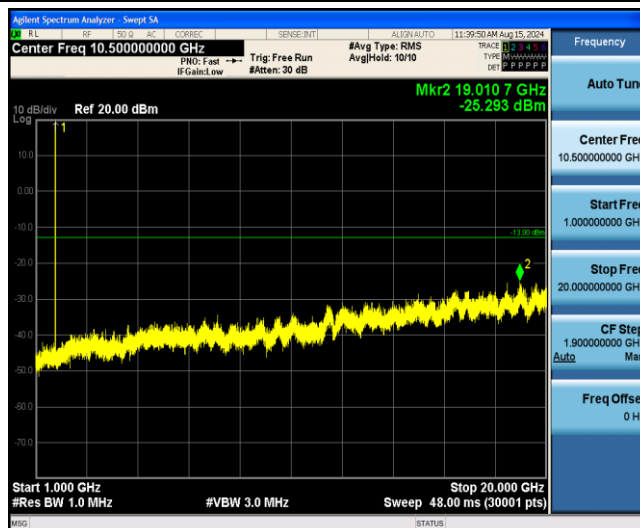
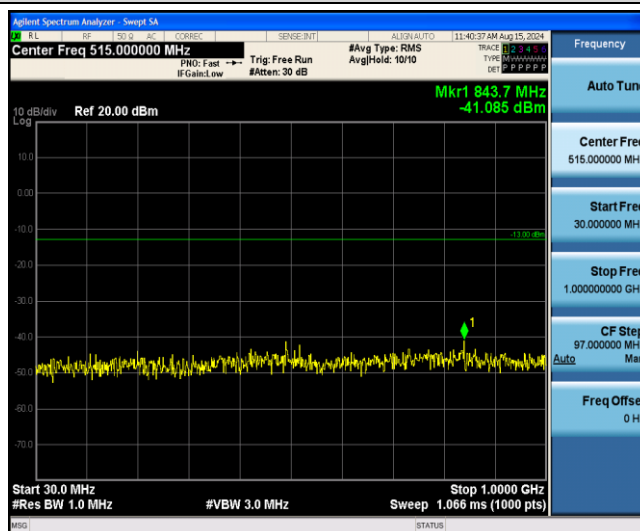
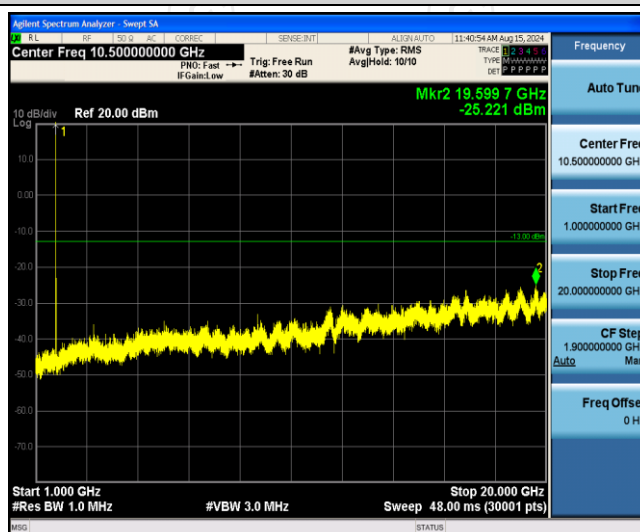




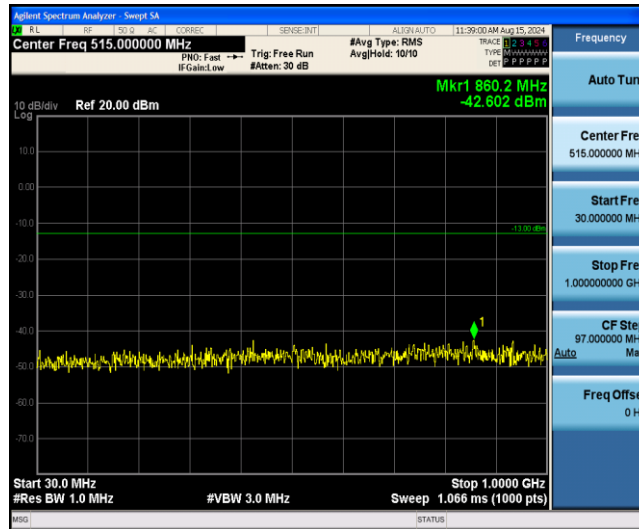
Band4-5MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



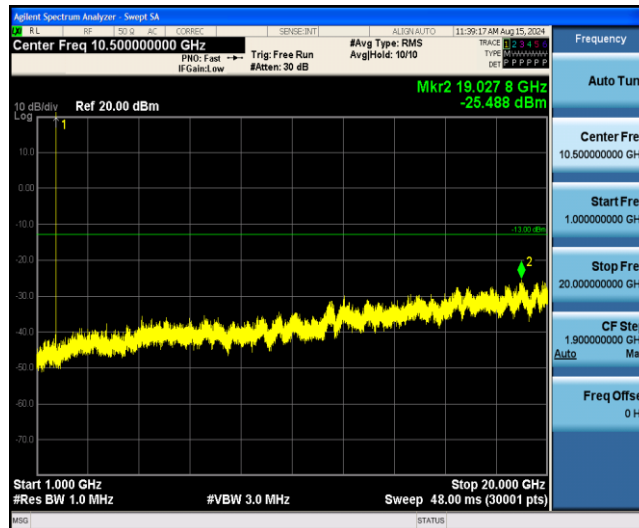
Band4-5MHz-QPSK-20375-1RB#0-Range1:30~1000MHz



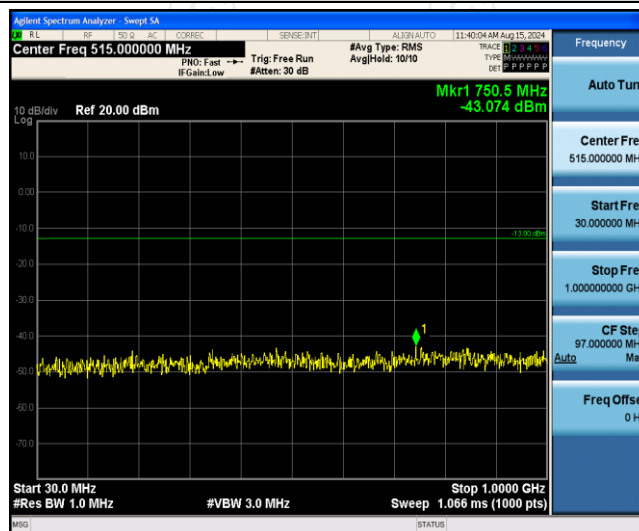
Band4-5MHz-QPSK-20375-1RB#0-Range2:1000~20000MHz



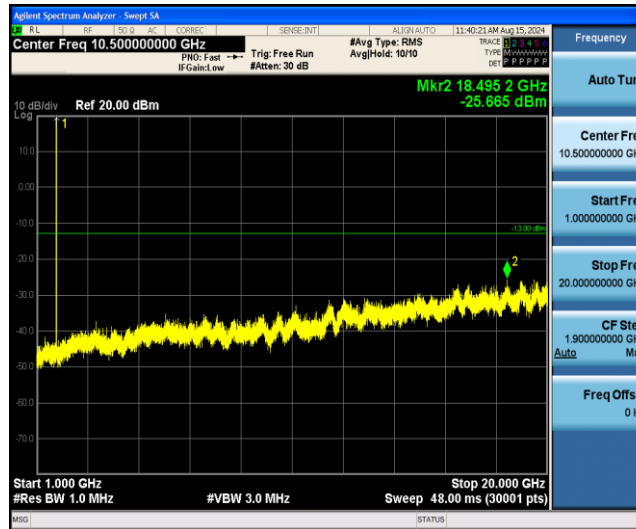
Band4-5MHz-16QAM-19975-1RB#0-Range1:30~1000MHz



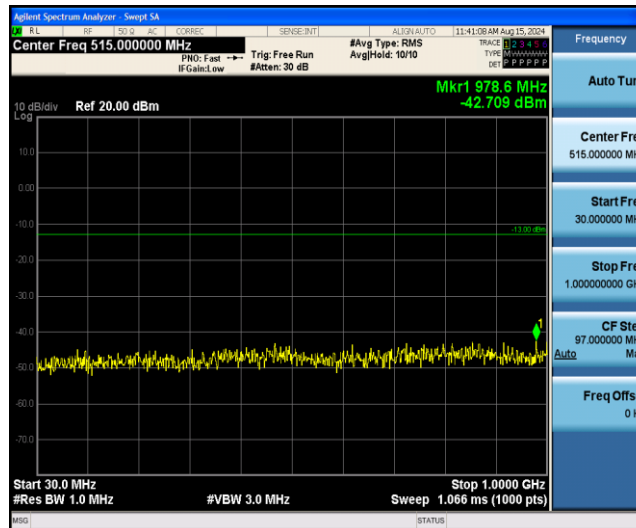
Band4-5MHz-16QAM-19975-1RB#0-Range2:1000~20000MHz



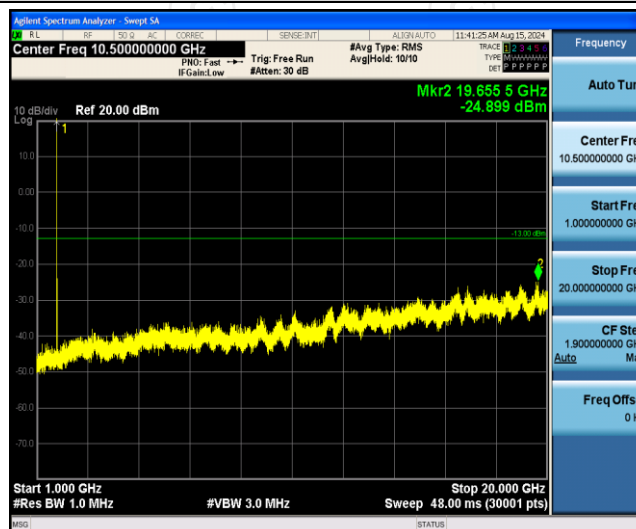
Band4-5MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



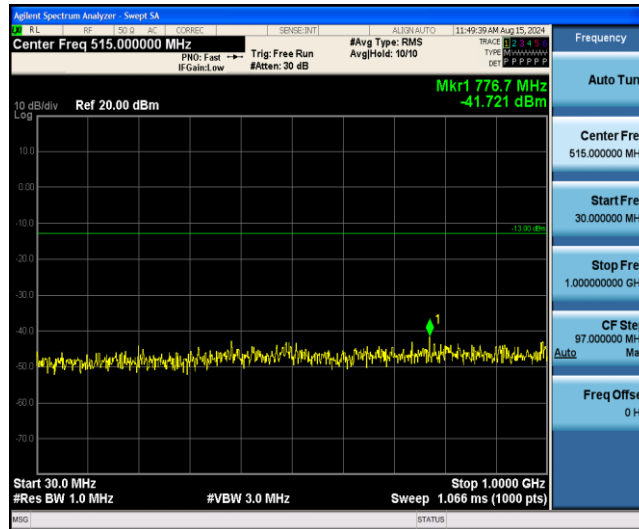
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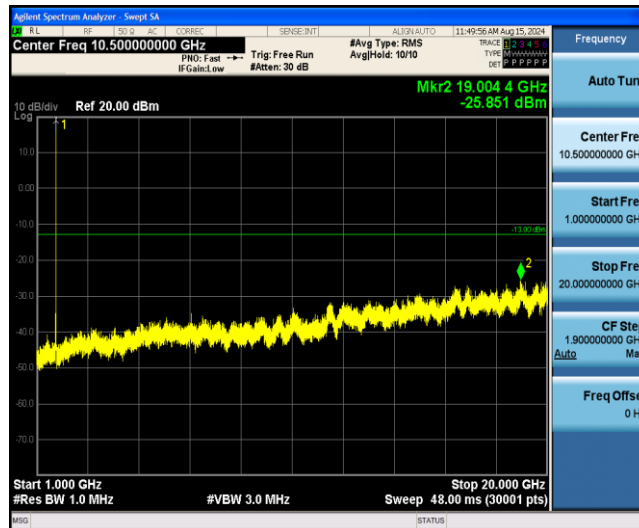
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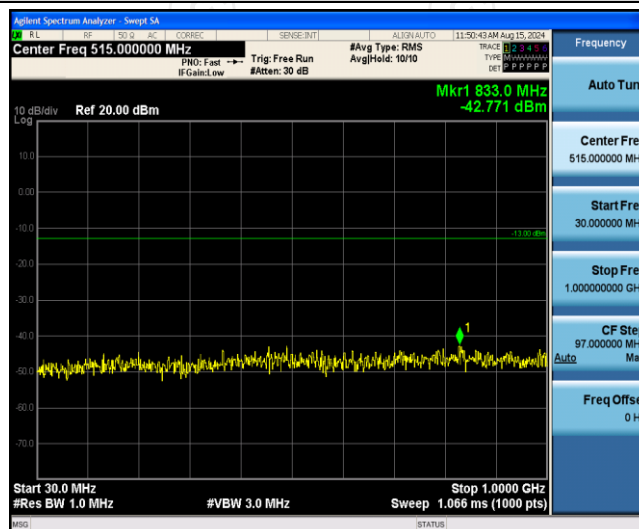
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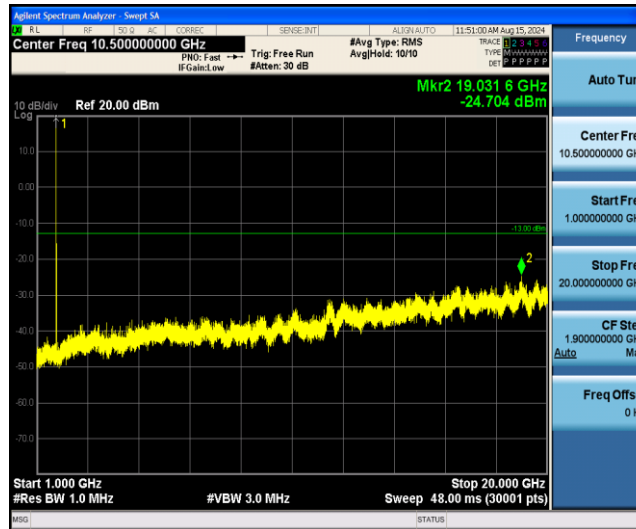
Band4-10MHz-QPSK-20000-1RB#0-Range1:30~1000MHz



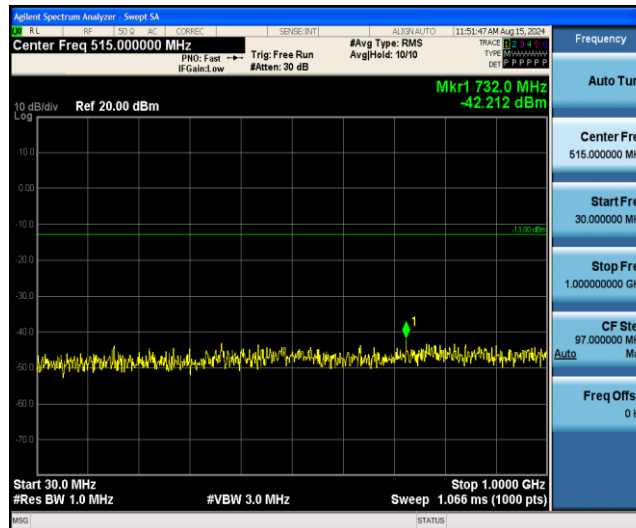
Band4-10MHz-QPSK-20000-1RB#0-Range2:1000~20000MHz



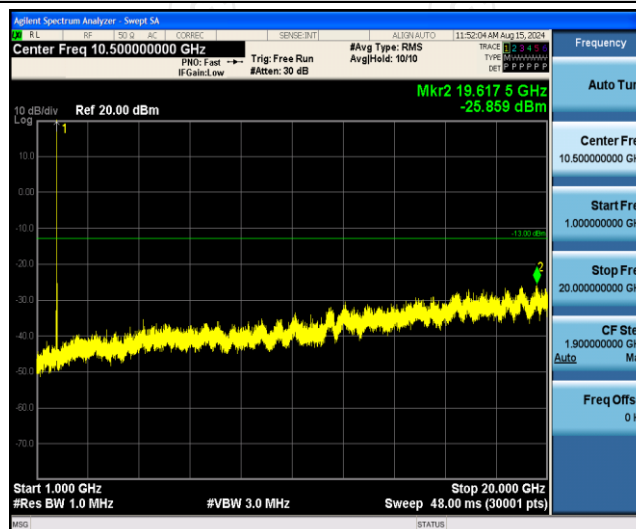
Band4-10MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



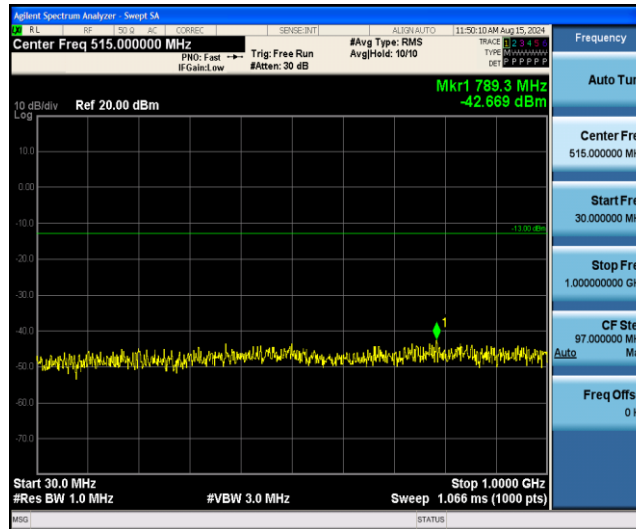
Band4-10MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



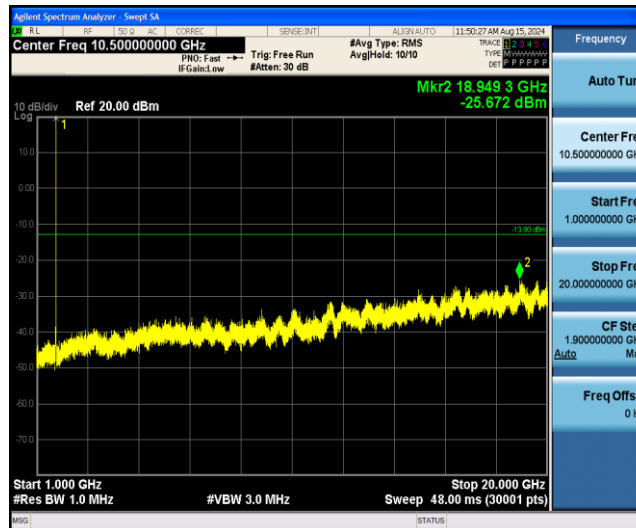
Band4-10MHz-QPSK-20350-1RB#0-Range1:30~1000MHz



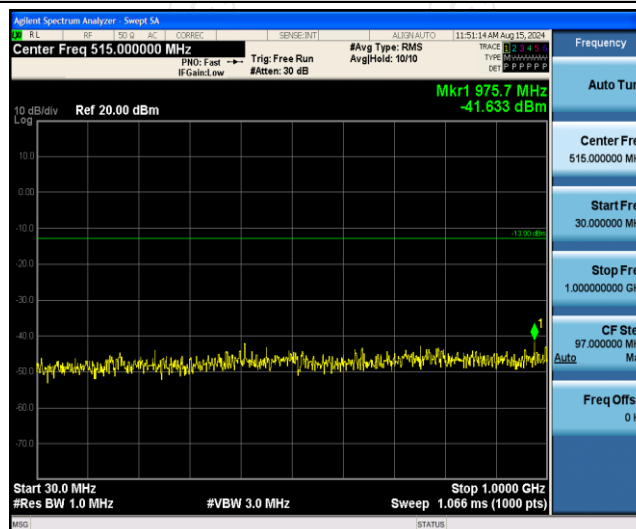
Band4-10MHz-QPSK-20350-1RB#0-Range2:1000~20000MHz



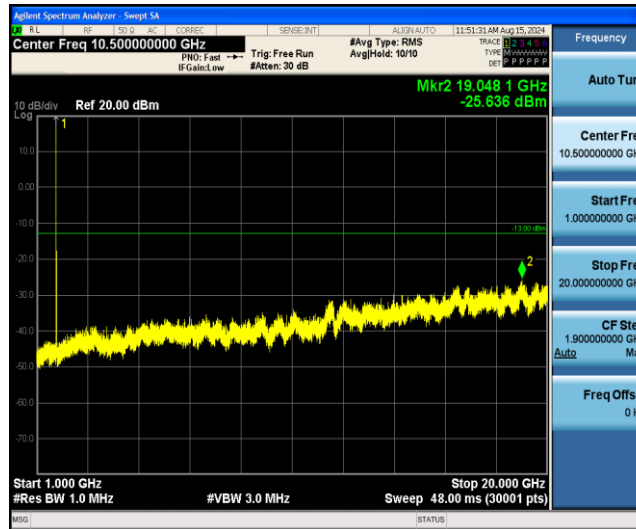
Band4-10MHz-16QAM-20000-1RB#0-Range1:30~1000MHz



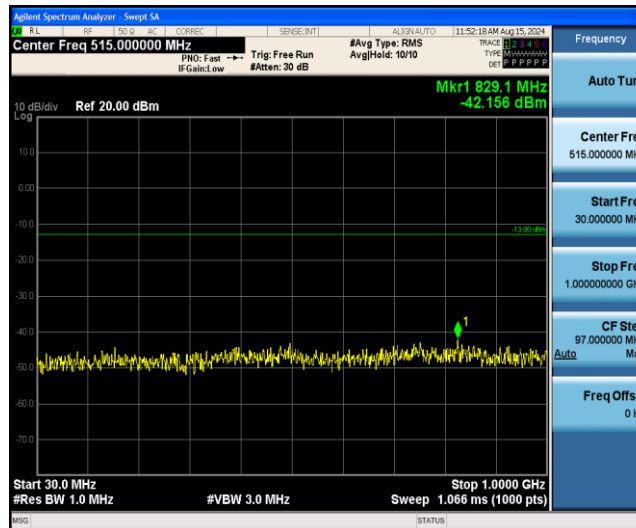
Band4-10MHz-16QAM-20000-1RB#0-Range2:1000~20000MHz



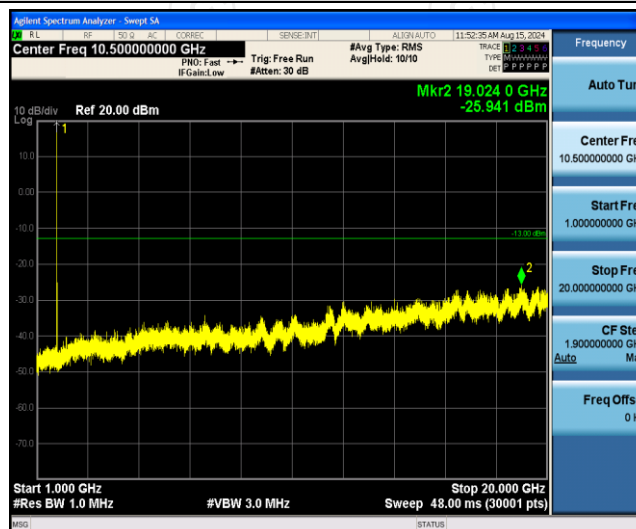
Band4-10MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



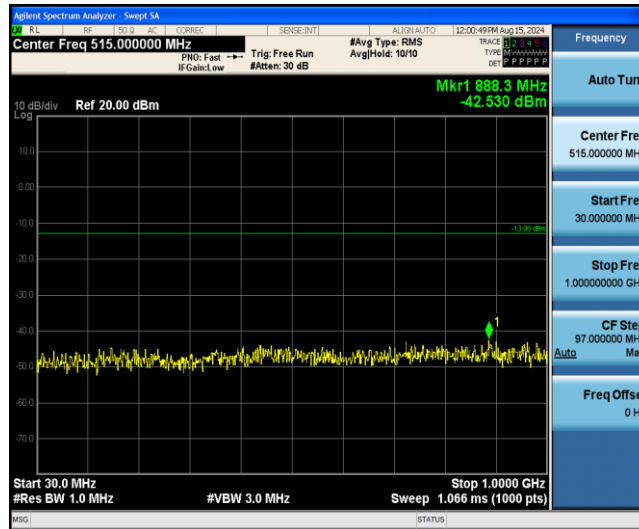
Band4-10MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



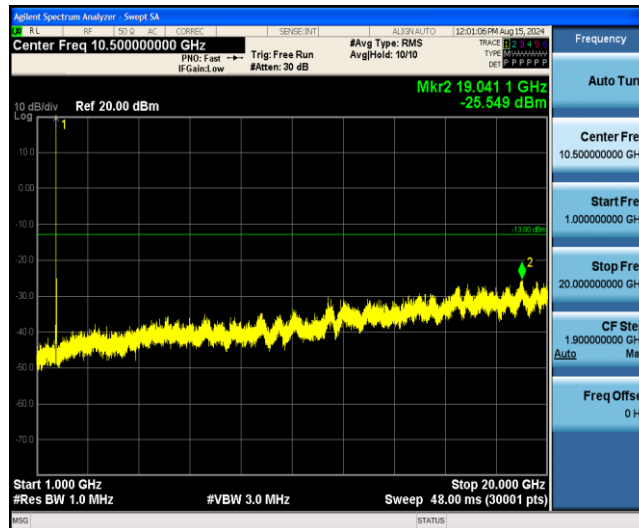
Band4-10MHz-16QAM-20350-1RB#0-Range1:30~1000MHz



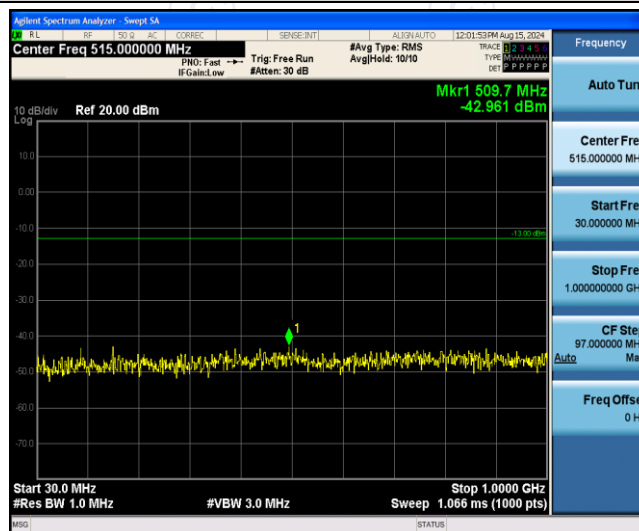
Band4-10MHz-16QAM-20350-1RB#0-Range2:1000~20000MHz



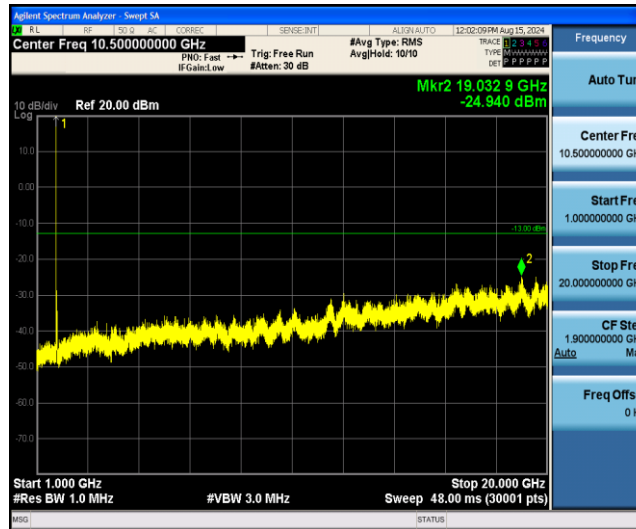
Band4-15MHz-QPSK-20025-1RB#0-Range1:30~1000MHz



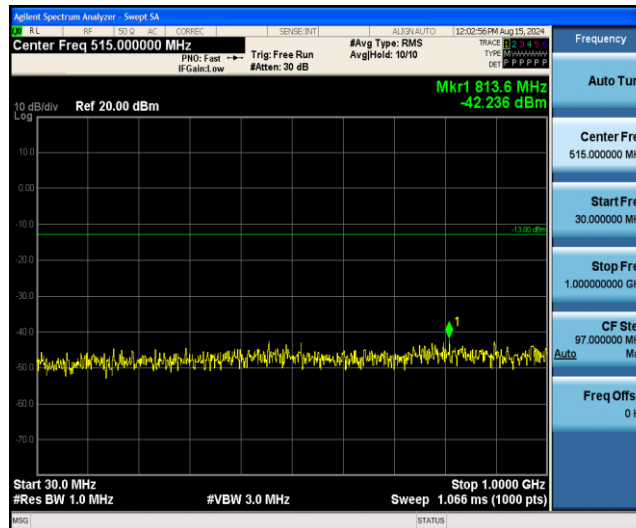
Band4-15MHz-QPSK-20025-1RB#0-Range2:1000~20000MHz



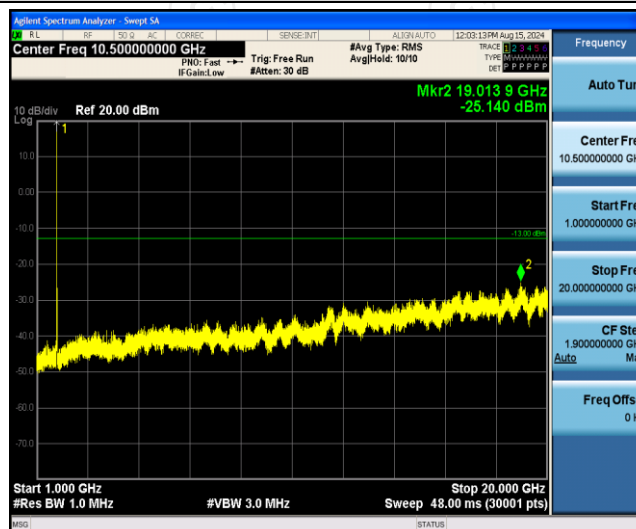
Band4-15MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



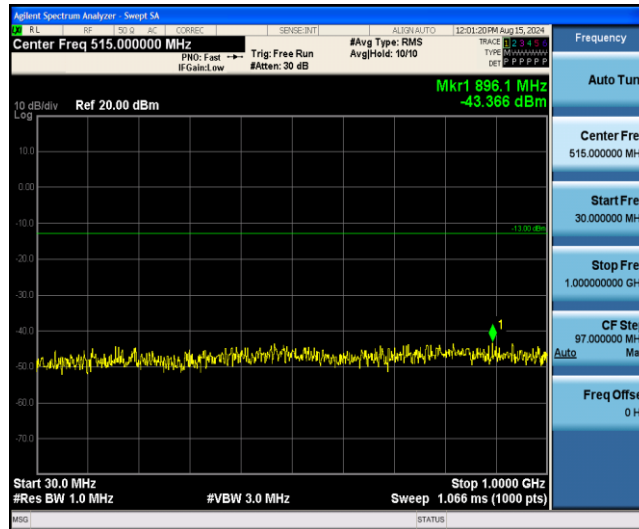
Band4-15MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



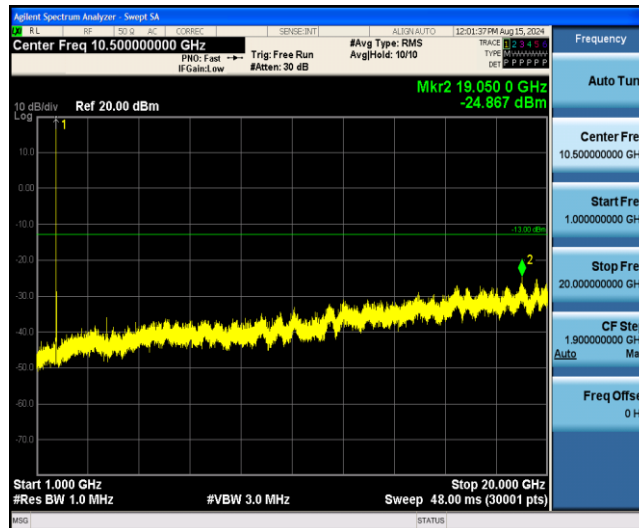
Band4-15MHz-QPSK-20325-1RB#0-Range1:30~1000MHz



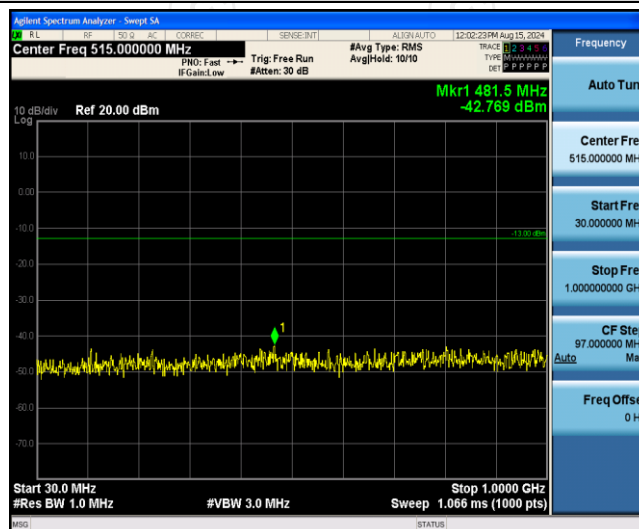
Band4-15MHz-QPSK-20325-1RB#0-Range2:1000~20000MHz



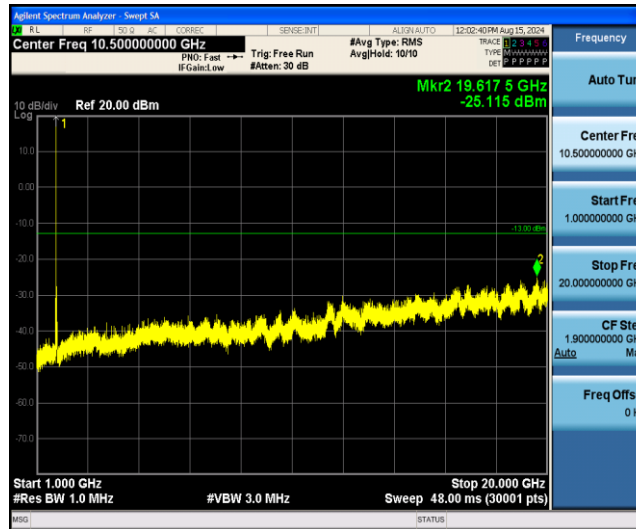
Band4-15MHz-16QAM-20025-1RB#0-Range1:30~1000MHz



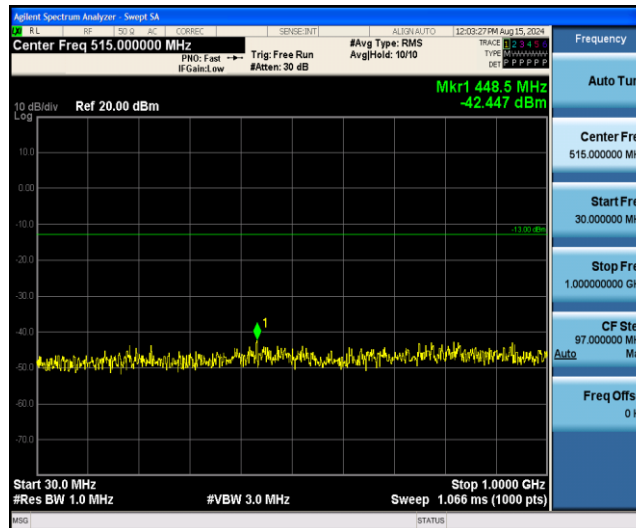
Band4-15MHz-16QAM-20025-1RB#0-Range2:1000~20000MHz



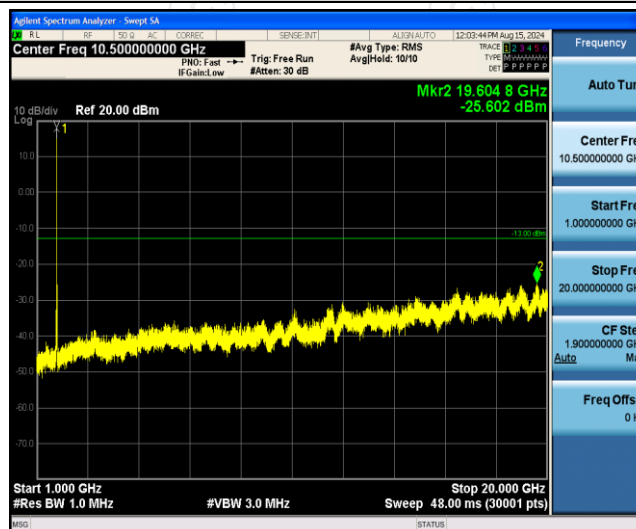
Band4-15MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



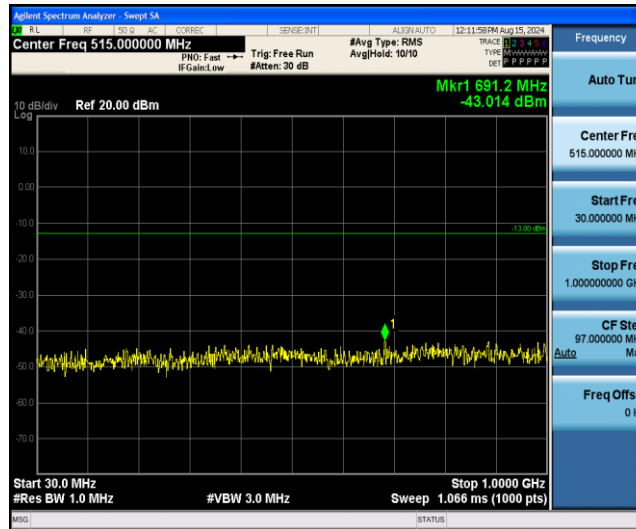
Band4-15MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



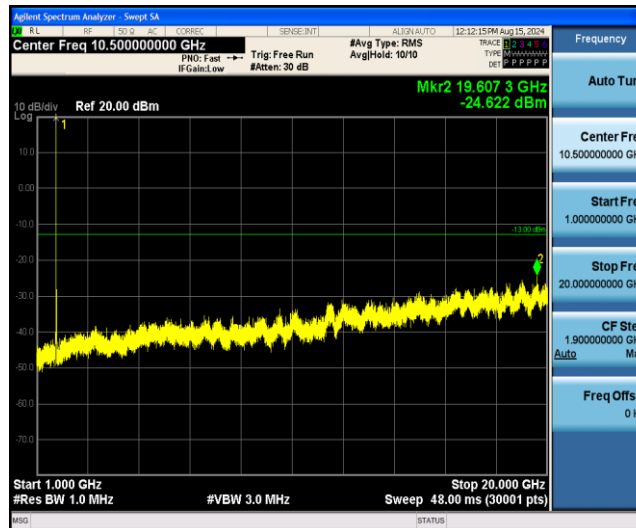
Band4-15MHz-16QAM-20325-1RB#0-Range1:30~1000MHz



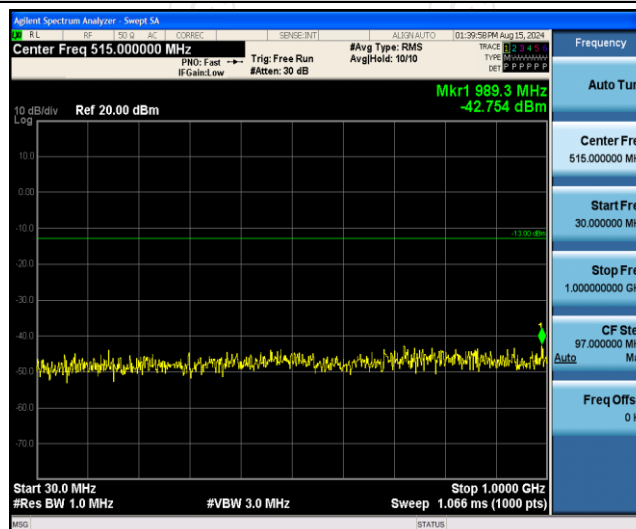
Band4-15MHz-16QAM-20325-1RB#0-Range2:1000~20000MHz



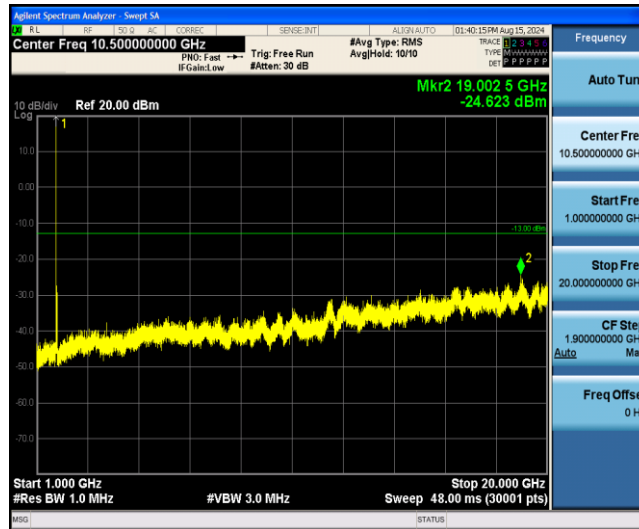
Band4-20MHz-QPSK-20050-1RB#0-Range1:30~1000MHz



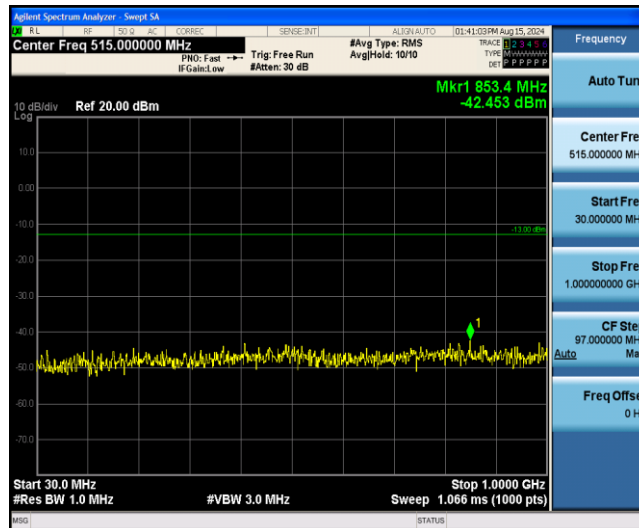
Band4-20MHz-QPSK-20050-1RB#0-Range2:1000~20000MHz



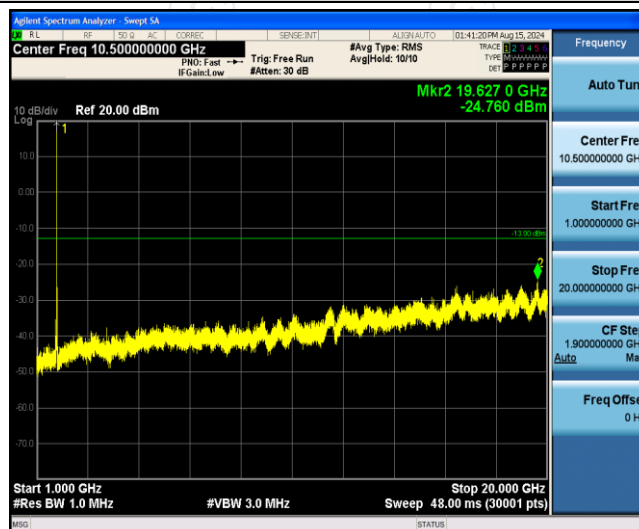
Band4-20MHz-QPSK-20175-1RB#0-Range1:30~1000MHz



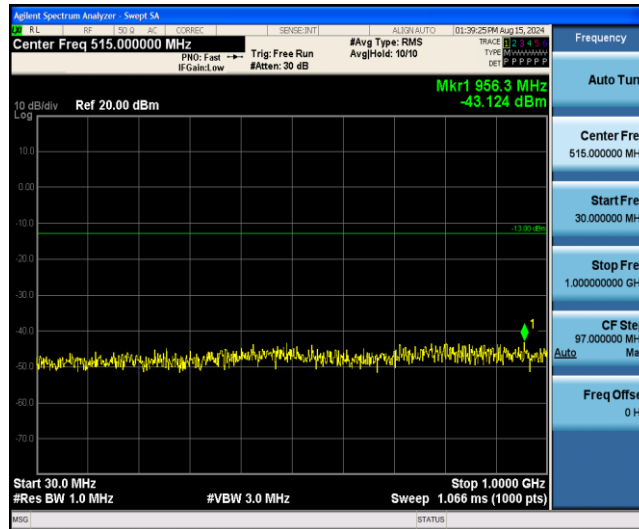
Band4-20MHz-QPSK-20175-1RB#0-Range2:1000~20000MHz



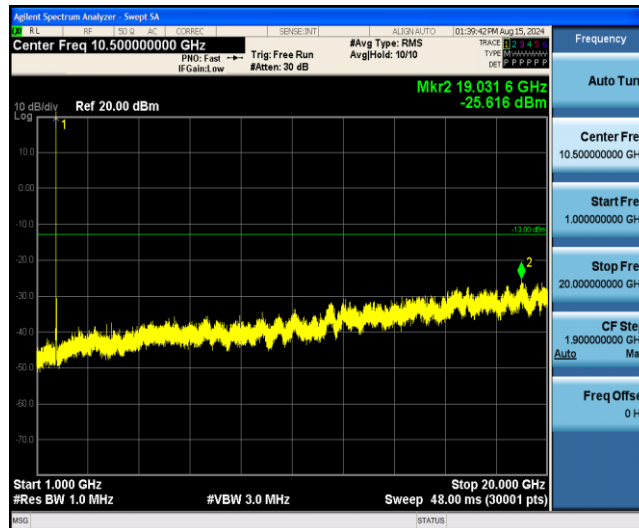
Band4-20MHz-QPSK-20300-1RB#0-Range1:30~1000MHz



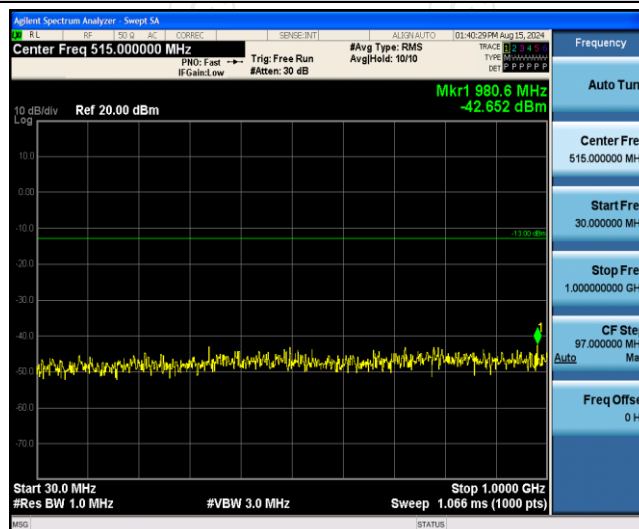
Band4-20MHz-QPSK-20300-1RB#0-Range2:1000~20000MHz



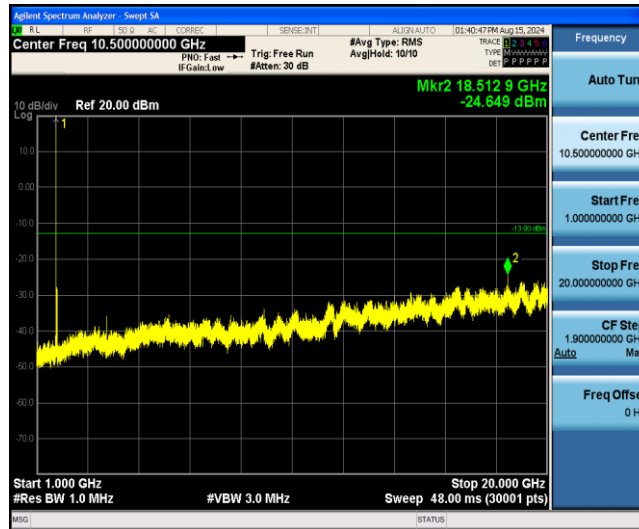
Band4-20MHz-16QAM-20050-1RB#0-Range1:30~1000MHz



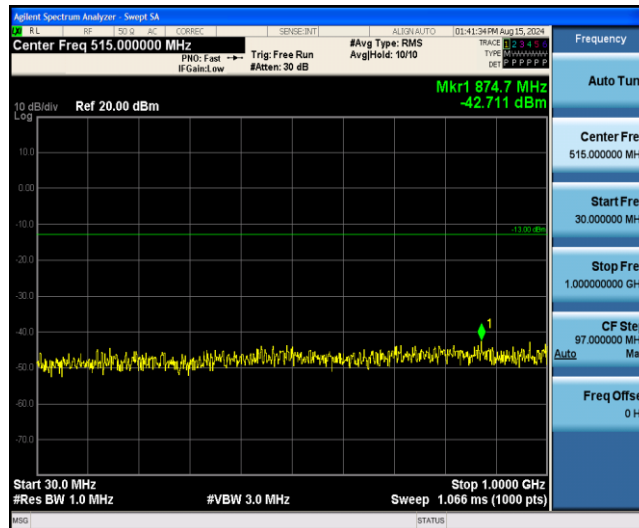
Band4-20MHz-16QAM-20050-1RB#0-Range2:1000~20000MHz



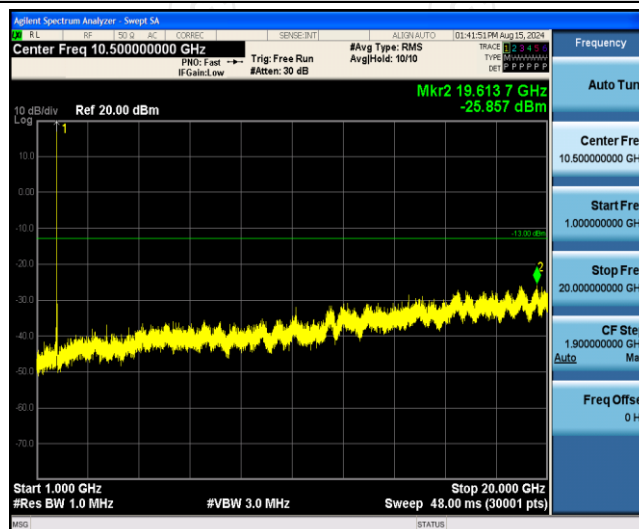
Band4-20MHz-16QAM-20175-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



Band4-20MHz-16QAM-20300-1RB#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
Band4	3MHz	QPSK	19965	15RB#0	VL	NT	-8.81	-0.005148	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VN	NT	-9.72	-0.005679	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	VH	NT	-3.47	-0.002027	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VL	NT	-5.32	-0.003071	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VN	NT	-4.24	-0.002447	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	VH	NT	-6.31	-0.003642	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VL	NT	-11.94	-0.006809	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VN	NT	-12.47	-0.007111	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	VH	NT	-10.50	-0.005988	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VL	NT	-8.74	-0.005107	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VN	NT	-7.42	-0.004335	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	VH	NT	-2.69	-0.001572	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VL	NT	-9.55	-0.005512	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VN	NT	-4.51	-0.002603	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	VH	NT	3.14	0.001812	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VL	NT	-18.59	-0.010602	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VN	NT	-11.83	-0.006747	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	VH	NT	-8.20	-0.004676	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	3MHz	QPSK	19965	15RB#0	NV	-30	-4.82	-0.002816	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	-20	-3.99	-0.002331	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	0	-5.31	-0.003103	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	10	-2.94	-0.001718	±2.5	PASS
Band4	3MHz	QPSK	19965	15RB#0	NV	20	-5.55	-0.003243	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-30	-7.52	-0.004341	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	-20	-10.40	-0.006003	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	0	-7.52	-0.004341	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	10	-8.02	-0.004629	±2.5	PASS
Band4	3MHz	QPSK	20175	15RB#0	NV	20	-7.07	-0.004081	±2.5	PASS

Band4	3MHz	QPSK	20385	15RB#0	NV	-30	-9.34	-0.005326	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	-20	-15.39	-0.008777	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	0	-15.81	-0.009016	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	10	-10.82	-0.006171	±2.5	PASS
Band4	3MHz	QPSK	20385	15RB#0	NV	20	-11.26	-0.006421	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-30	-13.50	-0.007888	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	-20	4.16	0.002431	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	0	-4.68	-0.002734	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	10	5.14	0.003003	±2.5	PASS
Band4	3MHz	16QAM	19965	15RB#0	NV	20	-7.05	-0.004119	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-30	7.26	0.004190	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	-20	-9.69	-0.005593	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	0	-9.06	-0.005229	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	10	-7.31	-0.004219	±2.5	PASS
Band4	3MHz	16QAM	20175	15RB#0	NV	20	-10.37	-0.005986	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-30	-12.19	-0.006952	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	-20	-9.34	-0.005326	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	0	-10.51	-0.005994	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	10	-6.22	-0.003547	±2.5	PASS
Band4	3MHz	16QAM	20385	15RB#0	NV	20	-16.22	-0.009250	±2.5	PASS
Band4	20MHz	16QAM	20300	100RB#0	NV	20	-10.77	-0.006172	±2.5	PASS