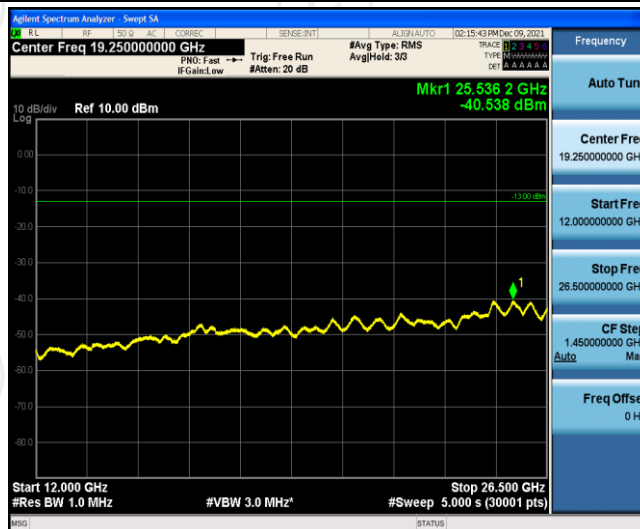
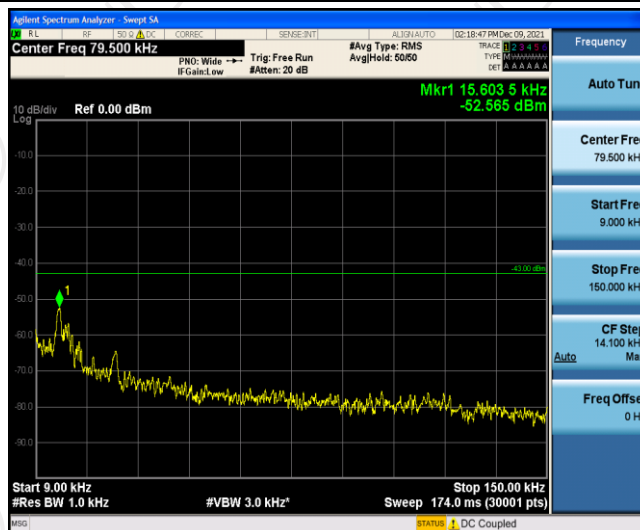
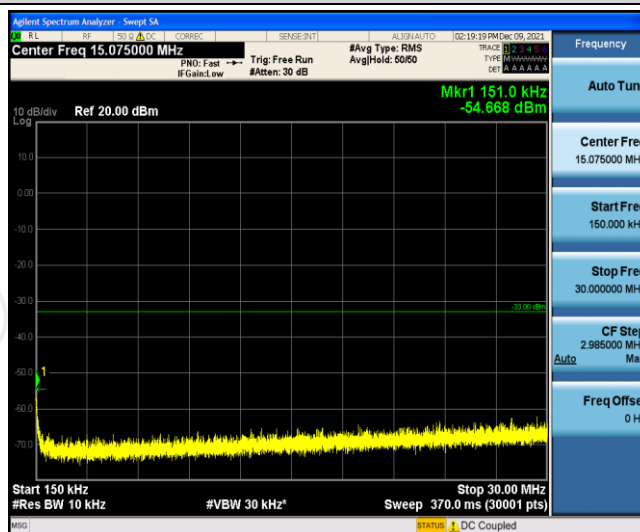




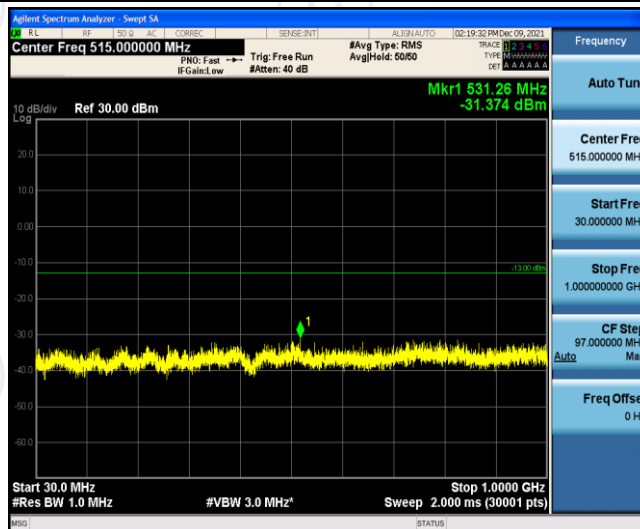
Band4-20MHz-16QAM-20300-1RB#0-Range1:0.009~0.15MHz



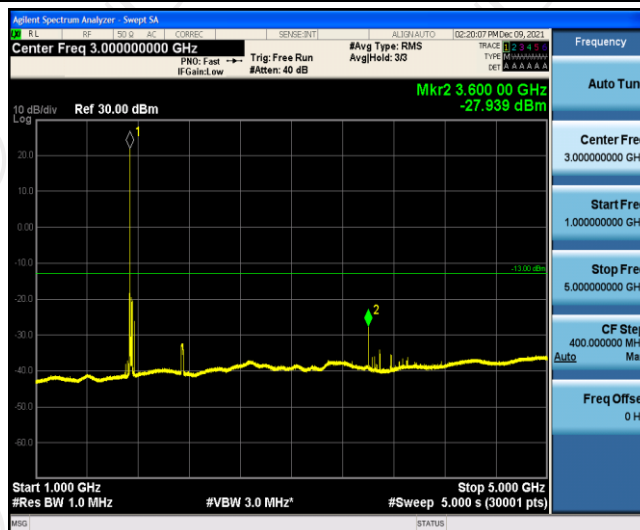
Band4-20MHz-16QAM-20300-1RB#0-Range2:0.15~30MHz



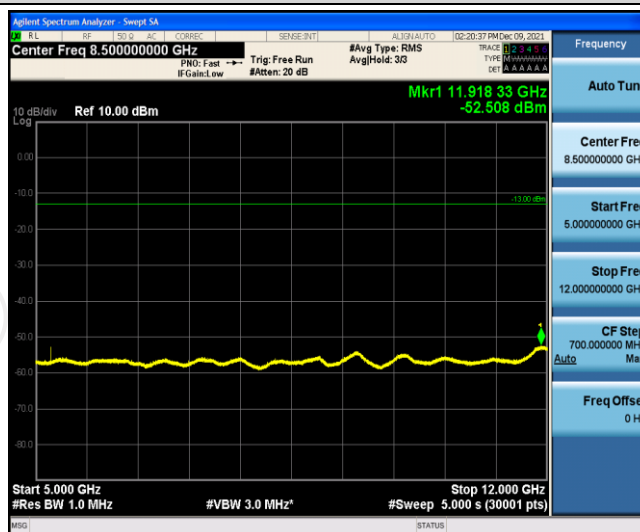
Band4-20MHz-16QAM-20300-1RB#0-Range3:30~1000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range4:1000~5000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range5:5000~12000MHz



Band4-20MHz-16QAM-20300-1RB#0-Range6:12000~26500MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	-10.97	-0.006413	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	4.09	0.002391	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	3.14	0.001836	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	-4.30	-0.002482	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	36.47	0.021051	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	-5.51	-0.003180	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-9.47	-0.005398	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	22.60	0.012883	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-5.78	-0.003295	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	-5.44	-0.003180	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	-9.86	-0.005764	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	-11.42	-0.006676	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	4.89	0.002823	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-15.26	-0.008808	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-6.41	-0.003700	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-5.33	-0.003038	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-9.45	-0.005387	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-5.77	-0.003289	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configuration	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	-19.29	-0.011276	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	-9.74	-0.005694	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	-8.97	-0.005243	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	3.55	0.002075	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	-8.98	-0.005249	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	4.53	0.002615	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-8.77	-0.005062	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-7.53	-0.004346	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-8.15	-0.004704	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-9.83	-0.005674	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-8.11	-0.004623	±2.5	PASS

Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	4.77	0.002719	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-11.00	-0.006270	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-14.43	-0.008226	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-9.12	-0.005199	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	-11.58	-0.006769	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-4.65	-0.002718	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	-5.33	-0.003116	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	5.07	0.002964	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	-9.76	-0.005705	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-3.93	-0.002268	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-13.52	-0.007804	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-9.84	-0.005680	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-8.82	-0.005091	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-7.82	-0.004514	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-5.35	-0.003050	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-10.63	-0.006059	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-16.06	-0.009155	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-7.54	-0.004298	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-10.88	-0.006202	±2.5	PASS