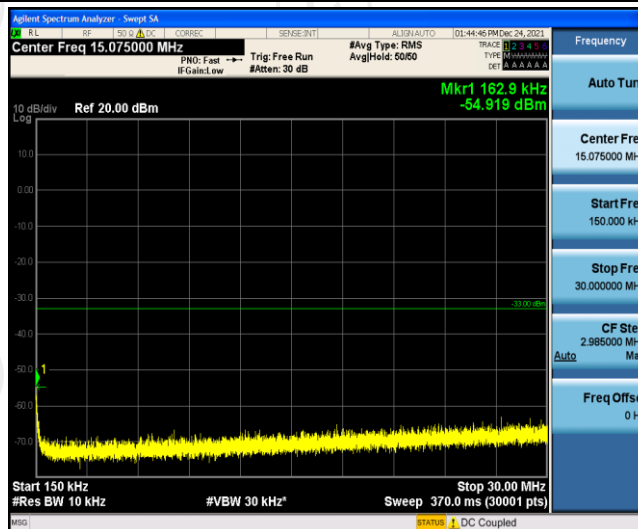
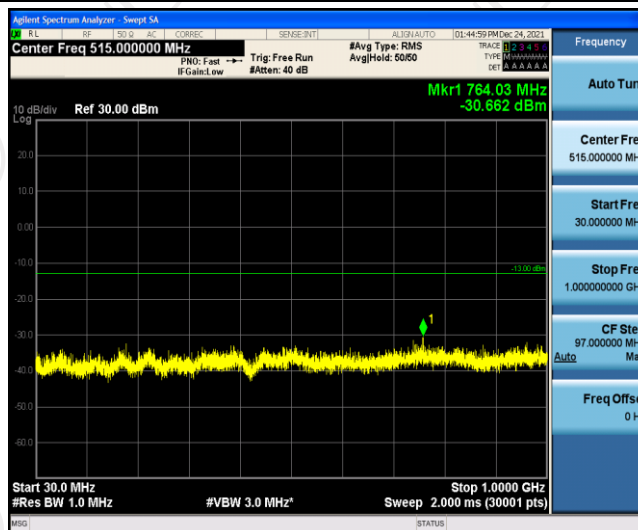
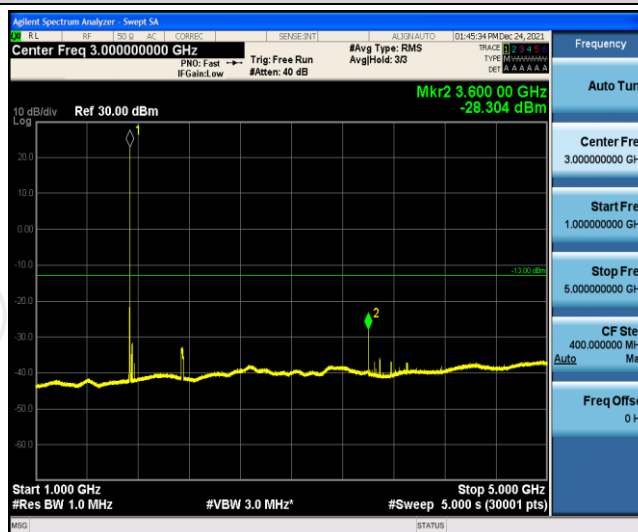




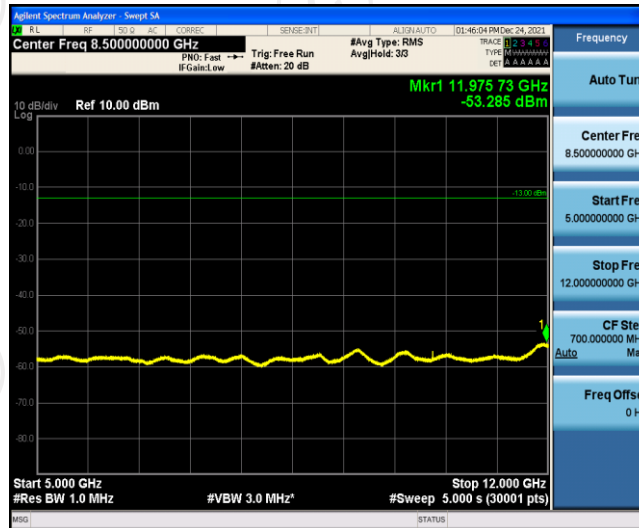
Band4-20MHz-16QAM-20300-1RB#0-Range3:30~1000MHz



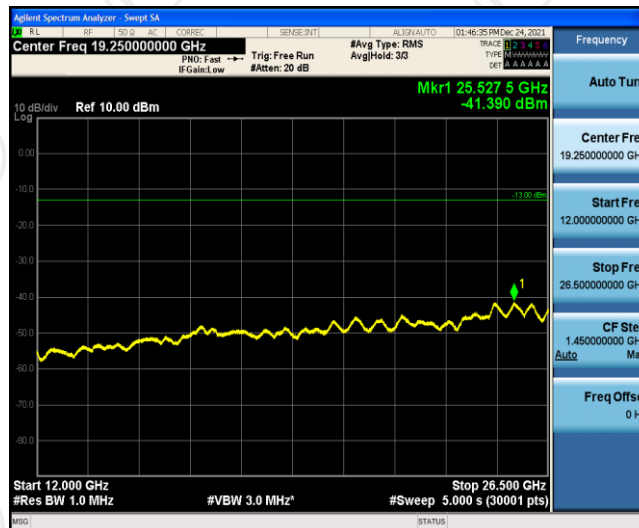
Band4-20MHz-16QAM-20300-1RB#0-Range4:1000~5000MHz



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 Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	VL	NT	-8.11	-0.004741	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	-10.81	-0.006319	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	-9.60	-0.005612	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	-17.12	-0.009882	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	-9.06	-0.005229	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	-57.27	-0.033056	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-20.72	-0.011811	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	-25.15	-0.014336	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-22.66	-0.012917	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	-11.69	-0.006833	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	-9.03	-0.005279	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	8.09	0.004729	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-10.78	-0.006222	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-2.96	-0.001709	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	4.02	0.002320	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-2.77	-0.001579	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-4.99	-0.002844	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-9.05	-0.005159	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-30	-7.03	-0.004109	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	-5.17	-0.003022	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	-3.24	-0.001894	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	4.91	0.002870	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	-12.88	-0.007529	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-7.32	-0.004225	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-8.68	-0.005010	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-4.26	-0.002459	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-15.21	-0.008779	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-9.04	-0.005218	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-23.80	-0.013567	±2.5	PASS

Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-24.29	-0.013846	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-16.55	-0.009434	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-19.77	-0.011269	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-18.65	-0.010631	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	10.59	0.006190	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	-3.31	-0.001935	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	6.86	0.004010	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	-11.97	-0.006997	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	-5.52	-0.003227	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-16.23	-0.009368	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	3.19	0.001841	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	3.05	0.001760	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	-11.71	-0.006759	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-5.06	-0.002921	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-6.84	-0.003899	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	4.03	0.002297	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-14.64	-0.008345	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-10.81	-0.006162	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-3.49	-0.001989	±2.5	PASS