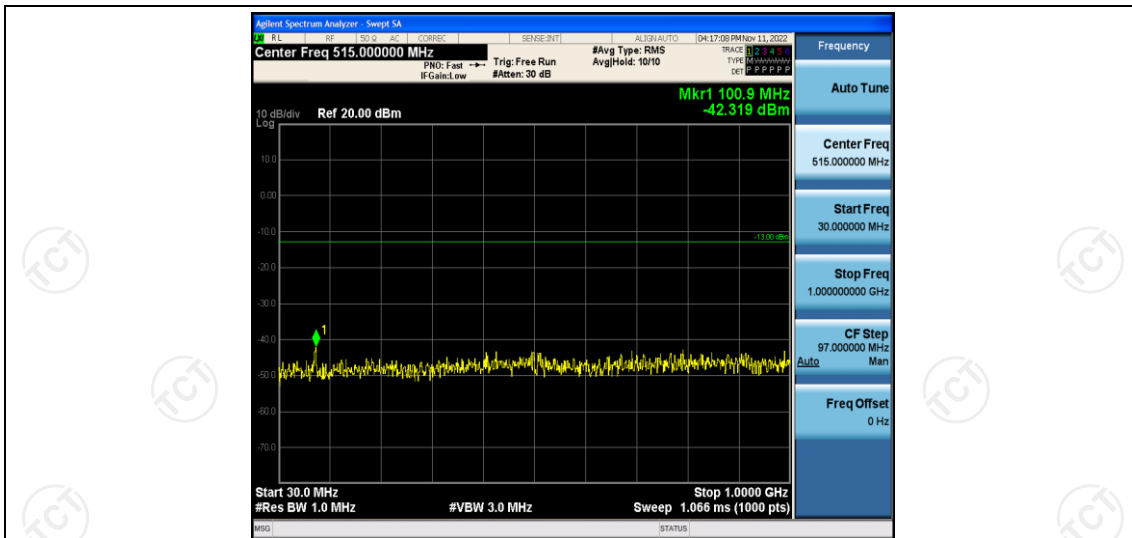
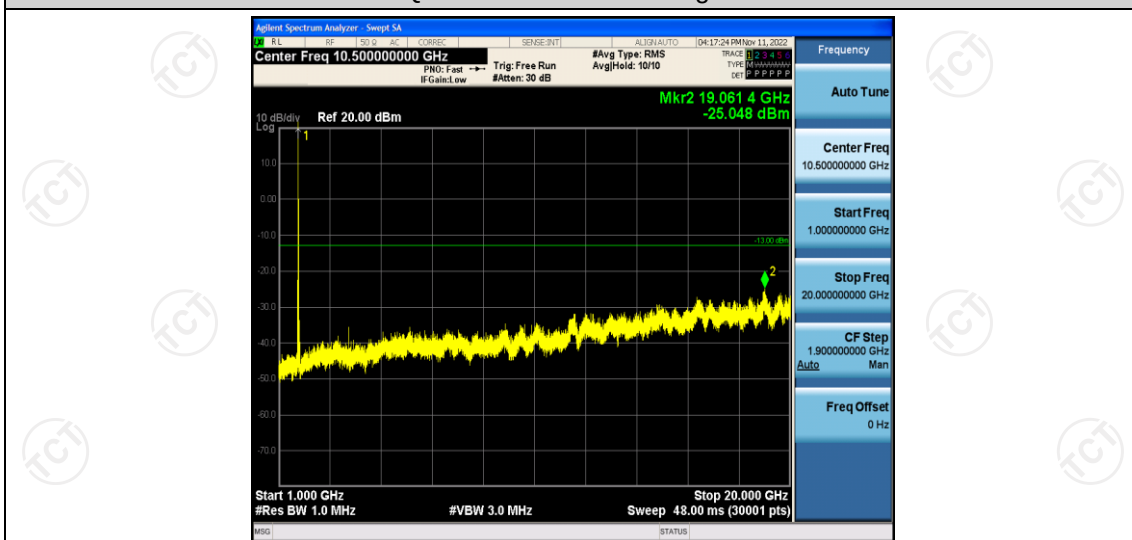
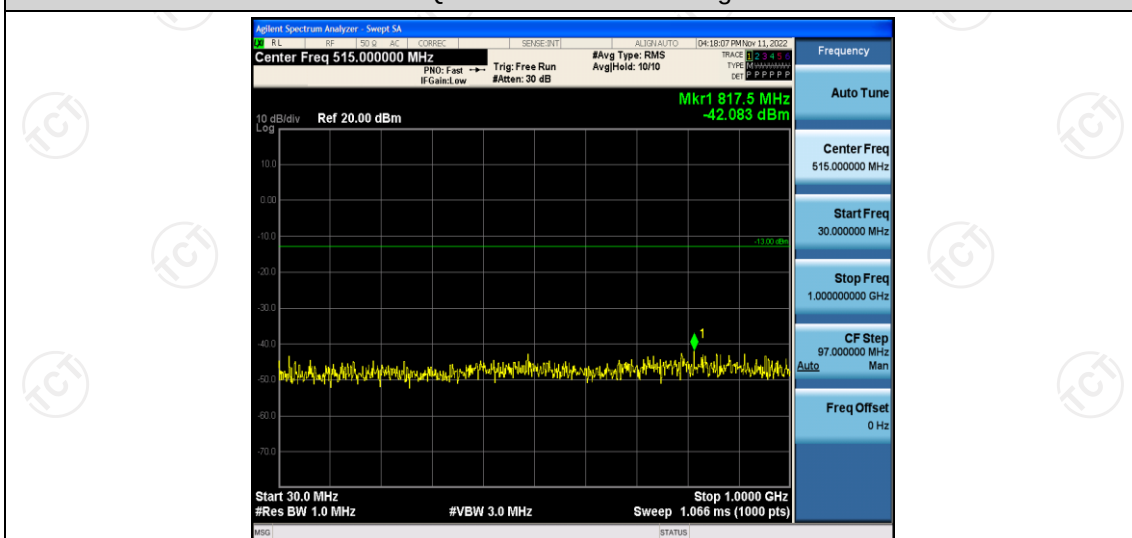




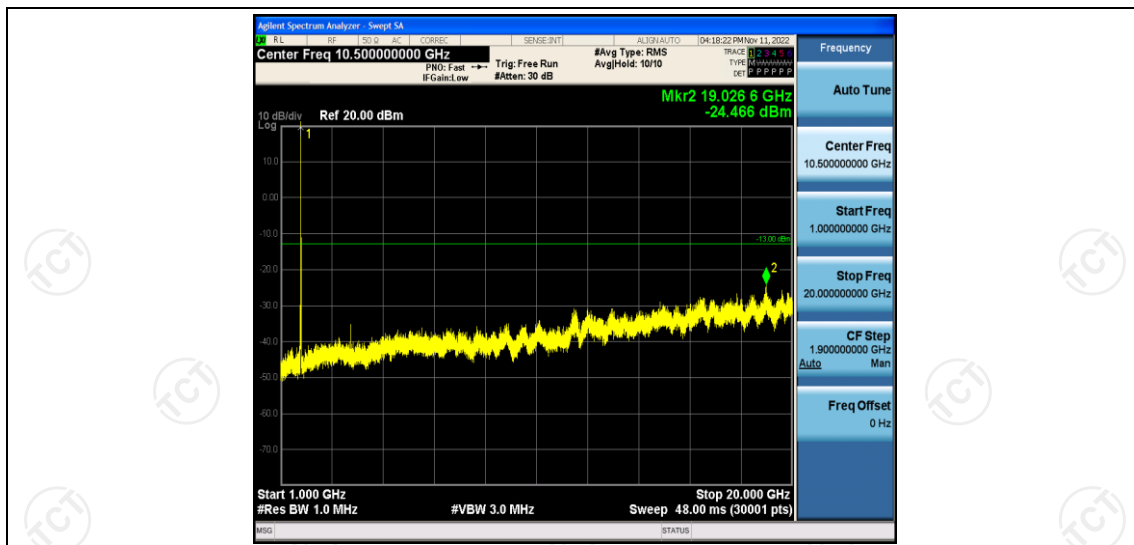
Band4-20MHz-16QAM-20175-1RB#0-Range2:1000~20000MHz



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	1.4MHz	QPSK	19957	6RB#0	VL	NT	51.94	0.030362	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	50.51	0.029526	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	17.08	0.009984	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	-7.77	-0.004485	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	-27.40	-0.015815	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	-26.98	-0.015573	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	12.71	0.007245	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	11.19	0.006379	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	17.98	0.010249	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	43.47	0.025411	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	30.44	0.017794	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	34.38	0.020097	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-19.79	-0.011423	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	-8.47	-0.004889	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-40.90	-0.023608	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-30.32	-0.017283	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	45.31	0.025828	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-32.96	-0.018788	±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	25.79	0.015076	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	37.69	0.022032	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	46.56	0.027217	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	49.60	0.028994	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	13.88	0.008114	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-39.47	-0.022782	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-23.77	-0.013720	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	-27.97	-0.016144	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	-28.53	-0.016468	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-15.86	-0.009154	±2.5	PASS

Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	34.46	0.019643	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	34.11	0.019444	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-5.38	-0.003067	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	13.45	0.007667	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	7.89	0.004498	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	15.93	0.009312	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	25.60	0.014965	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	25.39	0.014842	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	12.66	0.007400	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	18.93	0.011066	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-45.55	-0.026291	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-30.54	-0.017628	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-15.82	-0.009131	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	6.88	0.003971	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	-30.28	-0.017478	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-5.18	-0.002953	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-22.02	-0.012552	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-31.60	-0.018013	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-44.91	-0.025600	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-17.33	-0.009879	±2.5	PASS