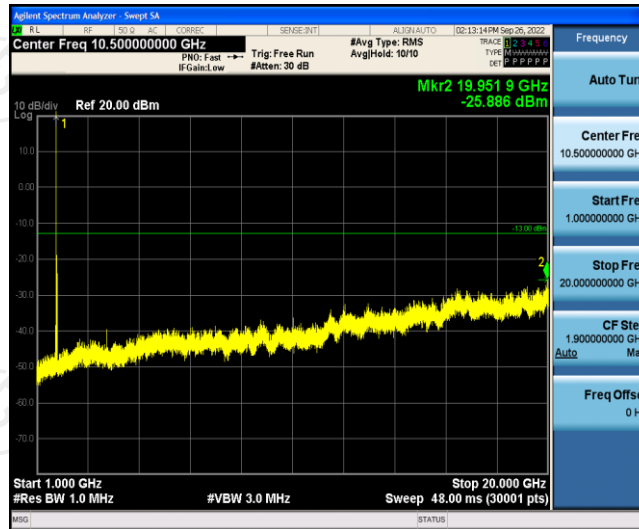
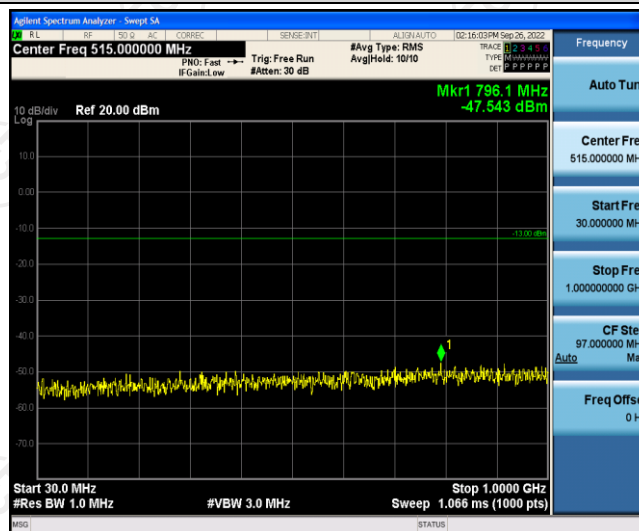
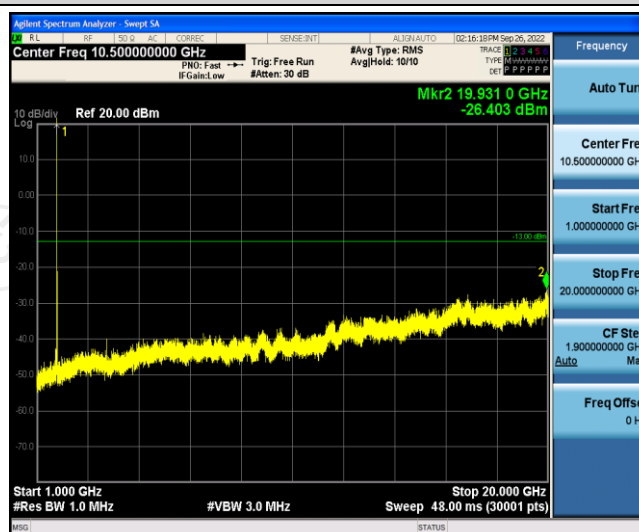




Band4-20MHz-16QAM-20300-1RB#0-Range1:30~1000MHz



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	5.51	0.003221	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VN	NT	4.69	0.002742	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	VH	NT	4.77	0.002788	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VL	NT	-3.08	-0.001778	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VN	NT	2.99	0.001726	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	VH	NT	-3.18	-0.001835	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VL	NT	-2.94	-0.001676	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VN	NT	-5.98	-0.003409	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	VH	NT	-7.45	-0.004247	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VL	NT	2.93	0.001713	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VN	NT	2.88	0.001684	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	VH	NT	4.19	0.002449	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VL	NT	-4.43	-0.002557	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VN	NT	2.81	0.001622	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	VH	NT	-3.74	-0.002159	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VL	NT	-5.00	-0.002850	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VN	NT	-5.16	-0.002941	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	VH	NT	-6.98	-0.003979	±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	4.41	0.002578	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	-20	5.29	0.003092	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	0	4.57	0.002671	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	10	4.50	0.002631	±2.5	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	NV	20	2.87	0.001678	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-30	-4.17	-0.002407	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	-20	-5.49	-0.003169	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	0	4.37	0.002522	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	10	4.47	0.002580	±2.5	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	NV	20	-4.07	-0.002349	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	-30	-7.24	-0.004127	±2.5	PASS

Band4	1.4MHz	QPSK	20393	6RB#0	NV	-20	-8.93	-0.005090	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	0	-4.12	-0.002349	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	10	-6.67	-0.003802	±2.5	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	NV	20	-6.25	-0.003563	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-30	5.71	0.003338	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	-20	4.45	0.002601	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	0	4.05	0.002367	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	10	3.15	0.001841	±2.5	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	NV	20	3.63	0.002122	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-30	-4.40	-0.002540	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	-20	-3.27	-0.001887	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	0	-3.22	-0.001859	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	10	3.22	0.001859	±2.5	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	NV	20	4.07	0.002349	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-30	-5.97	-0.003403	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	-20	-5.92	-0.003375	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	0	-5.56	-0.003169	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	10	-4.49	-0.002559	±2.5	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	NV	20	-6.28	-0.003580	±2.5	PASS