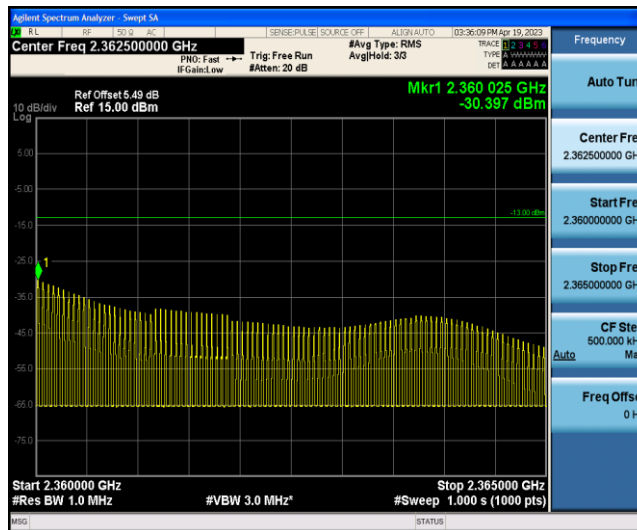


Band40-10MHz-16QAM-39200-1RB#0-Range12:2360~2365MHz



Band40-10MHz-16QAM-39200-1RB#0-Range13:2365~26500MHz



Appendix F: Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band40	5MHz	QPSK	38725	25RB#0	VL	NT	-23.36	-0.010124	±2.5	PASS
Band40	5MHz	QPSK	38725	25RB#0	VN	NT	-21.00	-0.009101	±2.5	PASS
Band40	5MHz	QPSK	38725	25RB#0	VH	NT	-23.55	-0.010206	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	VL	NT	-13.62	-0.005896	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	VN	NT	-4.25	-0.001840	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	VH	NT	-7.95	-0.003442	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	VL	NT	-15.03	-0.006499	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	VN	NT	5.19	0.002244	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	VH	NT	-13.68	-0.005916	±2.5	PASS
Band40	5MHz	QPSK	39175	25RB#0	VL	NT	13.43	0.005709	±2.5	PASS
Band40	5MHz	QPSK	39175	25RB#0	VN	NT	16.11	0.006848	±2.5	PASS
Band40	5MHz	QPSK	39175	25RB#0	VH	NT	16.92	0.007192	±2.5	PASS
Band40	5MHz	QPSK	39200	25RB#0	VL	NT	-3.69	-0.001567	±2.5	PASS
Band40	5MHz	QPSK	39200	25RB#0	VN	NT	11.09	0.004709	±2.5	PASS
Band40	5MHz	QPSK	39200	25RB#0	VH	NT	2.88	0.001223	±2.5	PASS
Band40	5MHz	QPSK	39225	25RB#0	VL	NT	-6.15	-0.002609	±2.5	PASS
Band40	5MHz	QPSK	39225	25RB#0	VN	NT	7.37	0.003126	±2.5	PASS
Band40	5MHz	QPSK	39225	25RB#0	VH	NT	-5.79	-0.002456	±2.5	PASS

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Band4 0	5MHz	16QAM	38725	25RB#0	VL	NT	-18.10	-0.007844	±2.5	PASS
Band4 0	5MHz	16QAM	38725	25RB#0	VN	NT	-19.77	-0.008568	±2.5	PASS
Band4 0	5MHz	16QAM	38725	25RB#0	VH	NT	-19.97	-0.008654	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	VL	NT	3.40	0.001472	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	VN	NT	2.50	0.001082	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	VH	NT	-2.10	-0.000909	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	VL	NT	-11.10	-0.004800	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	VN	NT	-13.59	-0.005877	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	VH	NT	-11.73	-0.005072	±2.5	PASS
Band4 0	5MHz	16QAM	39175	25RB#0	VL	NT	21.34	0.009071	±2.5	PASS
Band4 0	5MHz	16QAM	39175	25RB#0	VN	NT	21.74	0.009241	±2.5	PASS
Band4 0	5MHz	16QAM	39175	25RB#0	VH	NT	20.50	0.008714	±2.5	PASS
Band4 0	5MHz	16QAM	39200	25RB#0	VL	NT	10.03	0.004259	±2.5	PASS
Band4 0	5MHz	16QAM	39200	25RB#0	VN	NT	7.22	0.003066	±2.5	PASS
Band4 0	5MHz	16QAM	39200	25RB#0	VH	NT	8.63	0.003665	±2.5	PASS
Band4 0	5MHz	16QAM	39225	25RB#0	VL	NT	5.58	0.002367	±2.5	PASS
Band4 0	5MHz	16QAM	39225	25RB#0	VN	NT	3.92	0.001663	±2.5	PASS
Band4 0	5MHz	16QAM	39225	25RB#0	VH	NT	-3.72	-0.001578	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	VL	NT	-13.80	-0.005974	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	VN	NT	-12.04	-0.005212	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	VH	NT	-14.71	-0.006368	±2.5	PASS

Band4 0	10MHz	QPSK	39200	50RB#0	VL	NT	9.36	0.003975	±2.5	PASS
Band4 0	10MHz	QPSK	39200	50RB#0	VN	NT	6.98	0.002964	±2.5	PASS
Band4 0	10MHz	QPSK	39200	50RB#0	VH	NT	10.56	0.004484	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	VL	NT	-8.94	-0.003870	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	VN	NT	-10.44	-0.004519	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	VH	NT	-9.44	-0.004087	±2.5	PASS
Band4 0	10MHz	16QAM	39200	50RB#0	VL	NT	11.54	0.004900	±2.5	PASS
Band4 0	10MHz	16QAM	39200	50RB#0	VN	NT	12.56	0.005333	±2.5	PASS
Band4 0	10MHz	16QAM	39200	50RB#0	VH	NT	10.69	0.004539	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4 0	5MHz	QPSK	38725	25RB#0	NV	-30	-22.79	-0.009876	±2.5	PASS
Band4 0	5MHz	QPSK	38725	25RB#0	NV	-20	-21.51	-0.009322	±2.5	PASS
Band4 0	5MHz	QPSK	38725	25RB#0	NV	0	-20.26	-0.008780	±2.5	PASS
Band4 0	5MHz	QPSK	38725	25RB#0	NV	10	-21.17	-0.009174	±2.5	PASS
Band4 0	5MHz	QPSK	38725	25RB#0	NV	20	-19.00	-0.008234	±2.5	PASS
Band4 0	5MHz	QPSK	38750	25RB#0	NV	-30	-3.52	-0.001524	±2.5	PASS
Band4 0	5MHz	QPSK	38750	25RB#0	NV	-20	-5.58	-0.002416	±2.5	PASS
Band4 0	5MHz	QPSK	38750	25RB#0	NV	0	-2.99	-0.001294	±2.5	PASS
Band4 0	5MHz	QPSK	38750	25RB#0	NV	10	4.02	0.001740	±2.5	PASS
Band4 0	5MHz	QPSK	38750	25RB#0	NV	20	2.78	0.001203	±2.5	PASS

Band4 0	5MHz	QPSK	38775	25RB#0	NV	-30	-14.88	-0.006435	±2.5	PASS
Band4 0	5MHz	QPSK	38775	25RB#0	NV	-20	-13.62	-0.005890	±2.5	PASS
Band4 0	5MHz	QPSK	38775	25RB#0	NV	0	-13.22	-0.005717	±2.5	PASS
Band4 0	5MHz	QPSK	38775	25RB#0	NV	10	-13.45	-0.005816	±2.5	PASS
Band4 0	5MHz	QPSK	38775	25RB#0	NV	20	-11.32	-0.004895	±2.5	PASS
Band4 0	5MHz	QPSK	39175	25RB#0	NV	-30	15.95	0.006780	±2.5	PASS
Band4 0	5MHz	QPSK	39175	25RB#0	NV	-20	18.04	0.007668	±2.5	PASS
Band4 0	5MHz	QPSK	39175	25RB#0	NV	0	19.71	0.008378	±2.5	PASS
Band4 0	5MHz	QPSK	39175	25RB#0	NV	10	18.48	0.007855	±2.5	PASS
Band4 0	5MHz	QPSK	39175	25RB#0	NV	20	18.42	0.007830	±2.5	PASS
Band4 0	5MHz	QPSK	39200	25RB#0	NV	-30	5.78	0.002454	±2.5	PASS
Band4 0	5MHz	QPSK	39200	25RB#0	NV	-20	6.64	0.002820	±2.5	PASS
Band4 0	5MHz	QPSK	39200	25RB#0	NV	0	5.61	0.002382	±2.5	PASS
Band4 0	5MHz	QPSK	39200	25RB#0	NV	10	7.27	0.003087	±2.5	PASS
Band4 0	5MHz	QPSK	39200	25RB#0	NV	20	8.47	0.003597	±2.5	PASS
Band4 0	5MHz	QPSK	39225	25RB#0	NV	-30	-3.98	-0.001688	±2.5	PASS
Band4 0	5MHz	QPSK	39225	25RB#0	NV	-20	2.66	0.001128	±2.5	PASS
Band4 0	5MHz	QPSK	39225	25RB#0	NV	0	2.40	0.001018	±2.5	PASS
Band4 0	5MHz	QPSK	39225	25RB#0	NV	10	5.02	0.002129	±2.5	PASS
Band4 0	5MHz	QPSK	39225	25RB#0	NV	20	3.69	0.001565	±2.5	PASS
Band4 0	5MHz	16QAM	38725	25RB#0	NV	-30	-19.93	-0.008637	±2.5	PASS
Band4 0	5MHz	16QAM	38725	25RB#0	NV	-20	-20.50	-0.008884	±2.5	PASS

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Band4 0	5MHz	16QAM	38725	25RB#0	NV	0	-22.14	-0.009595	±2.5	PASS
Band4 0	5MHz	16QAM	38725	25RB#0	NV	10	-21.86	-0.009473	±2.5	PASS
Band4 0	5MHz	16QAM	38725	25RB#0	NV	20	-18.60	-0.008061	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	NV	-30	-3.49	-0.001511	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	NV	-20	-4.15	-0.001797	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	NV	0	-9.54	-0.004130	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	NV	10	-8.41	-0.003641	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	NV	20	-7.38	-0.003195	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	NV	-30	-13.45	-0.005816	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	NV	-20	-13.93	-0.006024	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	NV	0	-14.09	-0.006093	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	NV	10	-16.35	-0.007070	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	NV	20	-14.62	-0.006322	±2.5	PASS
Band4 0	5MHz	16QAM	39175	25RB#0	NV	-30	20.86	0.008867	±2.5	PASS
Band4 0	5MHz	16QAM	39175	25RB#0	NV	-20	19.53	0.008302	±2.5	PASS
Band4 0	5MHz	16QAM	39175	25RB#0	NV	0	19.34	0.008221	±2.5	PASS
Band4 0	5MHz	16QAM	39175	25RB#0	NV	10	19.03	0.008089	±2.5	PASS
Band4 0	5MHz	16QAM	39175	25RB#0	NV	20	18.57	0.007894	±2.5	PASS
Band4 0	5MHz	16QAM	39200	25RB#0	NV	-30	7.15	0.003036	±2.5	PASS
Band4 0	5MHz	16QAM	39200	25RB#0	NV	-20	3.63	0.001541	±2.5	PASS
Band4 0	5MHz	16QAM	39200	25RB#0	NV	0	6.59	0.002798	±2.5	PASS

Band4 0	5MHz	16QAM	39200	25RB#0	NV	10	4.65	0.001975	±2.5	PASS
Band4 0	5MHz	16QAM	39200	25RB#0	NV	20	3.63	0.001541	±2.5	PASS
Band4 0	5MHz	16QAM	39225	25RB#0	NV	-30	-5.22	-0.002214	±2.5	PASS
Band4 0	5MHz	16QAM	39225	25RB#0	NV	-20	-4.68	-0.001985	±2.5	PASS
Band4 0	5MHz	16QAM	39225	25RB#0	NV	0	-4.49	-0.001905	±2.5	PASS
Band4 0	5MHz	16QAM	39225	25RB#0	NV	10	-5.08	-0.002155	±2.5	PASS
Band4 0	5MHz	16QAM	39225	25RB#0	NV	20	-6.14	-0.002604	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	NV	-30	-14.93	-0.006463	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	NV	-20	-13.05	-0.005649	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	NV	0	-11.82	-0.005117	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	NV	10	-9.90	-0.004286	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	NV	20	-10.94	-0.004736	±2.5	PASS
Band4 0	10MHz	QPSK	39200	50RB#0	NV	-30	10.33	0.004386	±2.5	PASS
Band4 0	10MHz	QPSK	39200	50RB#0	NV	-20	10.36	0.004399	±2.5	PASS
Band4 0	10MHz	QPSK	39200	50RB#0	NV	0	12.93	0.005490	±2.5	PASS
Band4 0	10MHz	QPSK	39200	50RB#0	NV	10	11.47	0.004870	±2.5	PASS
Band4 0	10MHz	QPSK	39200	50RB#0	NV	20	11.56	0.004909	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	NV	-30	-12.07	-0.005225	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	NV	-20	-11.66	-0.005048	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	NV	0	-12.85	-0.005563	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	NV	10	-12.35	-0.005346	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	NV	20	-11.63	-0.005035	±2.5	PASS

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Band4 0	10MHz	16QAM	39200	50RB#0	NV	-30	11.22	0.004764	±2.5	PASS
Band4 0	10MHz	16QAM	39200	50RB#0	NV	-20	8.58	0.003643	±2.5	PASS
Band4 0	10MHz	16QAM	39200	50RB#0	NV	0	8.61	0.003656	±2.5	PASS
Band4 0	10MHz	16QAM	39200	50RB#0	NV	10	6.68	0.002837	±2.5	PASS
Band4 0	10MHz	16QAM	39200	50RB#0	NV	20	5.89	0.002501	±2.5	PASS