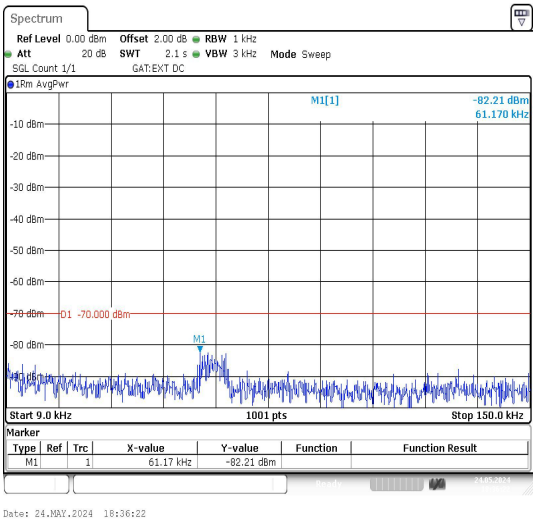
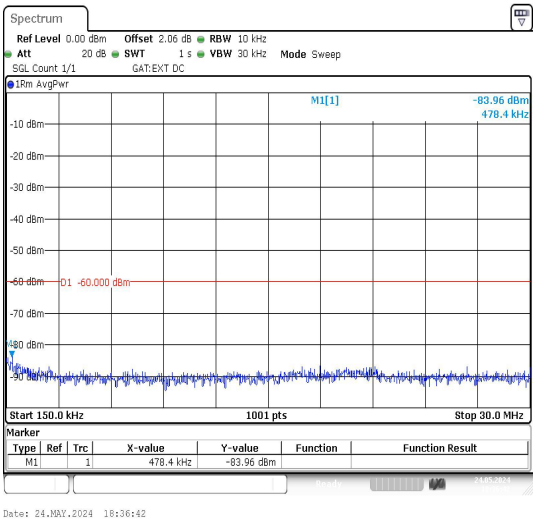
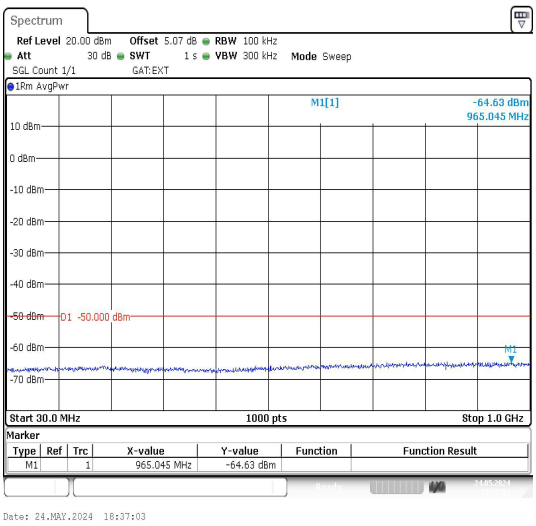
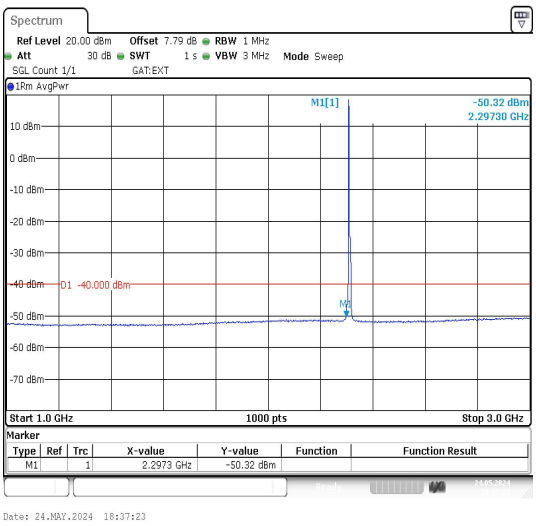
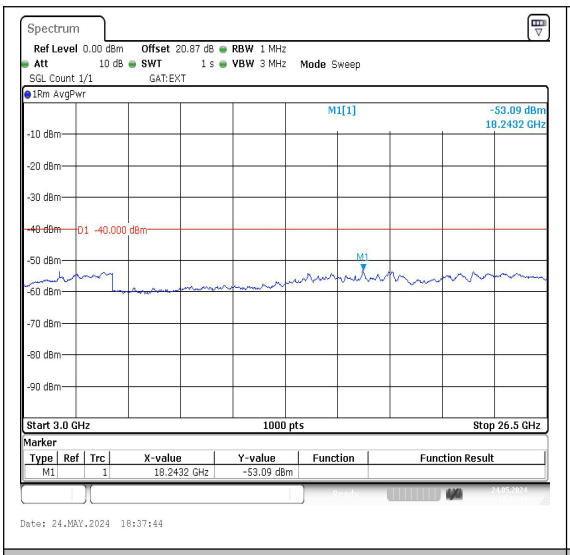
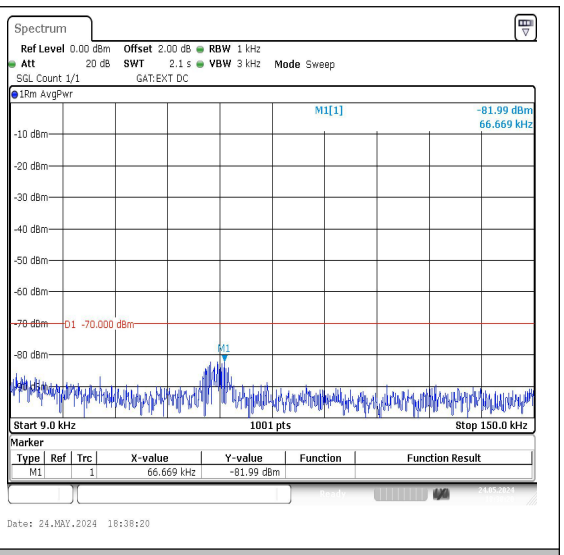
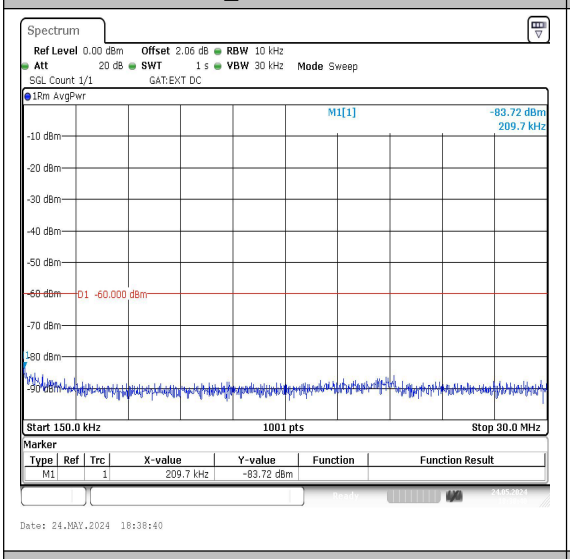
Band40_5MHz_16QAM_38725_1RB#0_1000~3000_1000~3000	Band40_5MHz_16QAM_38725_1RB#0_3000~26500_3000~26500
	
Band40_5MHz_QPSK_38750_1RB#0_0.009~0.15_0.009~0.15	Band40_5MHz_QPSK_38750_1RB#0_0.15~30_0.15~30
	
Band40_5MHz_QPSK_38750_1RB#0_30~1000_30~1000	Band40_5MHz_QPSK_38750_1RB#0_1000~3000_1000~3000



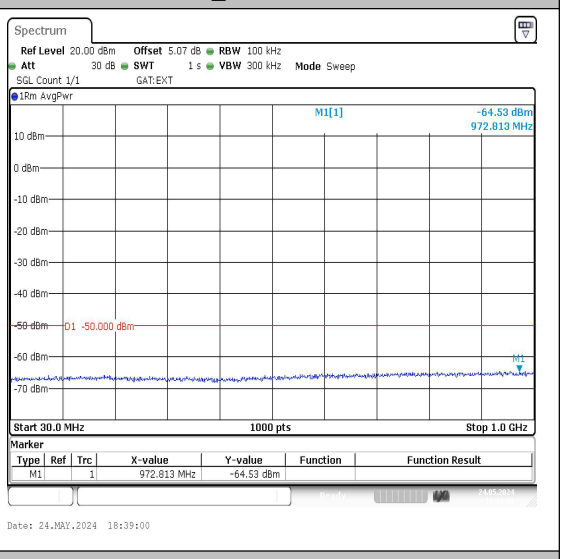
Band40_5MHz_QPSK_38750_1RB#0_3000~26500_3000~26500



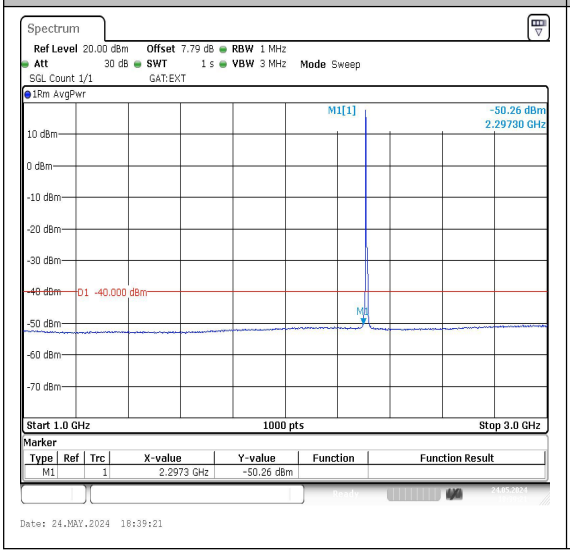
Band40_5MHz_16QAM_38750_1RB#0_0.009~0.15_0.009~0.15

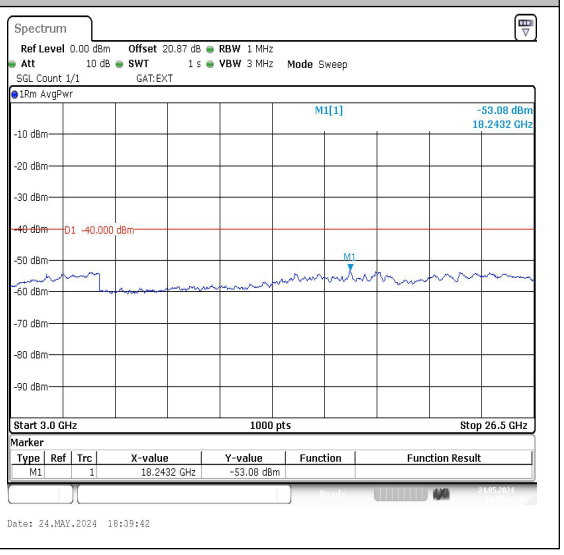


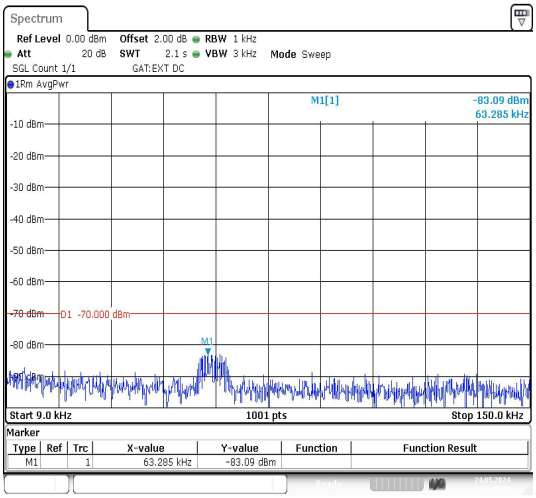
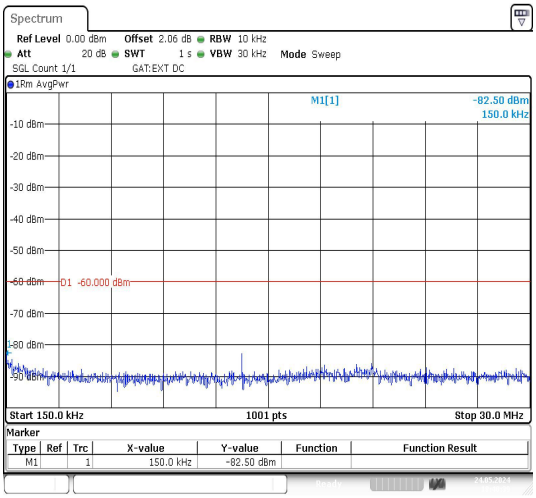
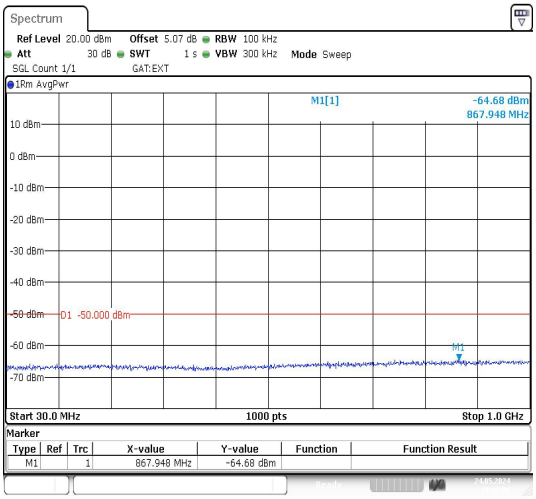
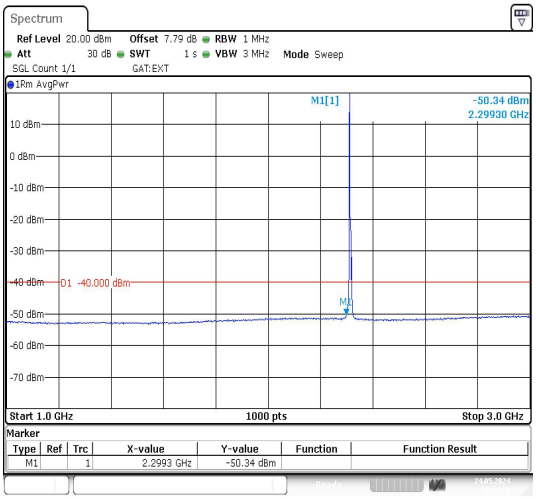
Band40_5MHz_16QAM_38750_1RB#0_0.15~30_0.15~30

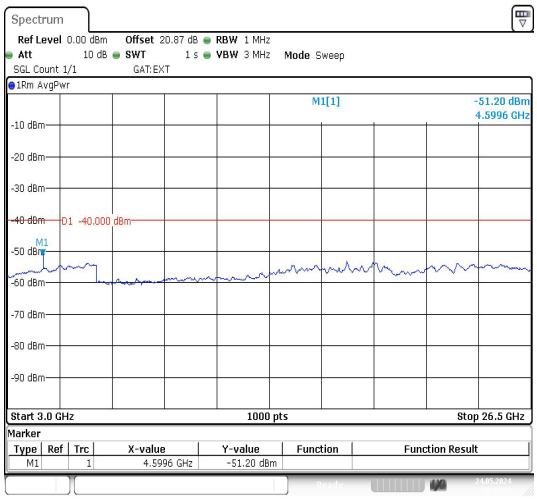


Band40_5MHz_16QAM_38750_1RB#0_30~1000_30~1000

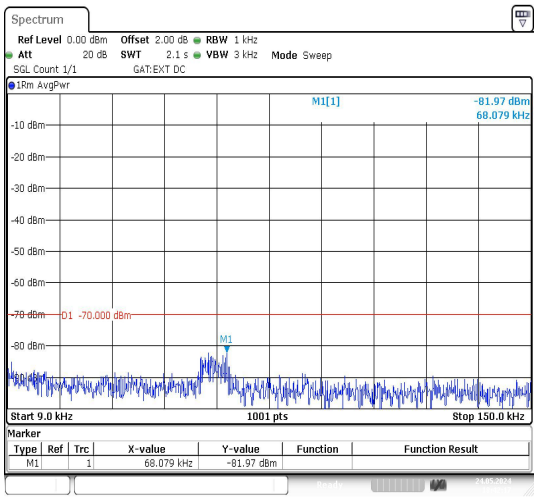




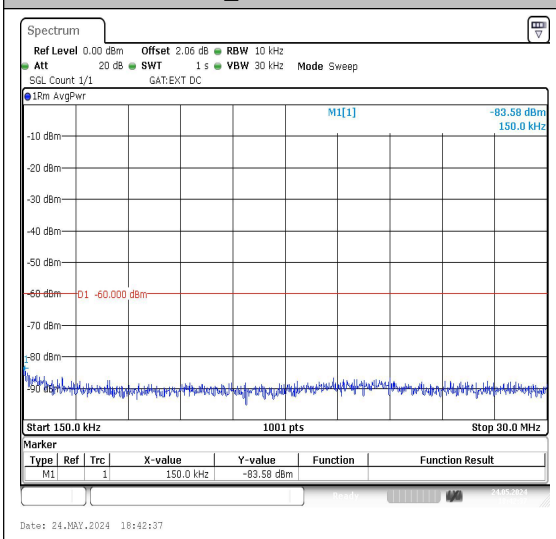
Band40_5MHz_16QAM_38750_1RB#0_1000~3000_1000~3000	Band40_5MHz_16QAM_38750_1RB#0_3000~26500_3000~26500
	
Band40_5MHz_QPSK_38775_1RB#0_0.009~0.15_0.009~0.15	Band40_5MHz_QPSK_38775_1RB#0_0.15~30_0.15~30
	
Band40_5MHz_QPSK_38775_1RB#0_30~1000_30~1000	Band40_5MHz_QPSK_38775_1RB#0_1000~3000_1000~3000



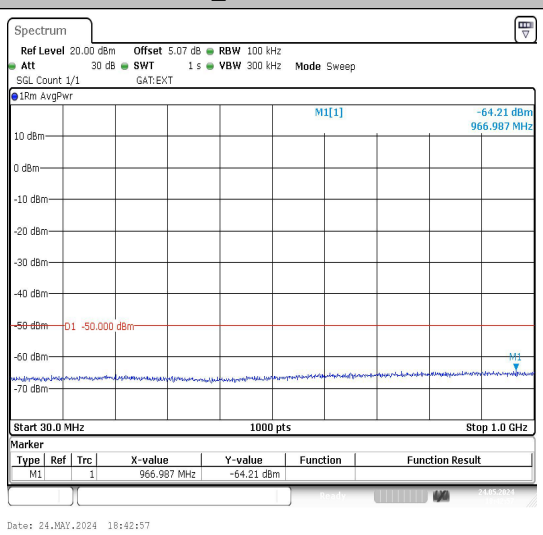
Band40_5MHz_QPSK_38775_1RB#0_3000~26500_3000~26500



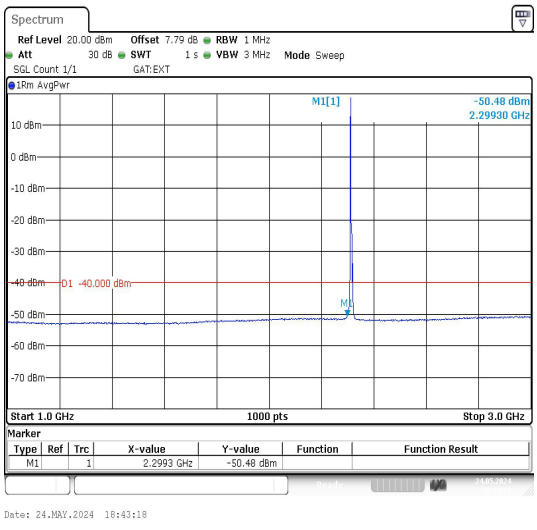
Band40_5MHz_16QAM_38775_1RB#0_0.009~0.15_0.009~0.15

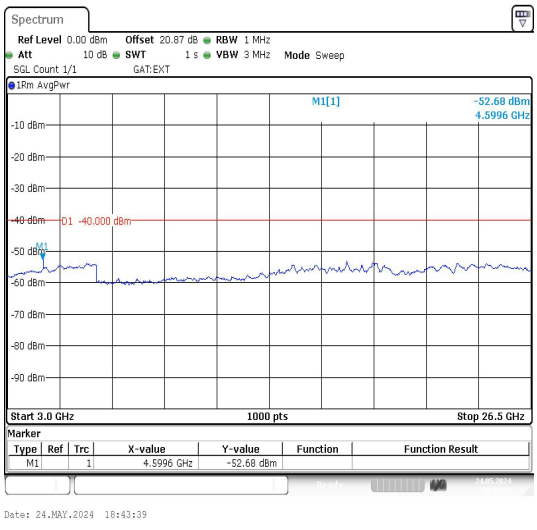


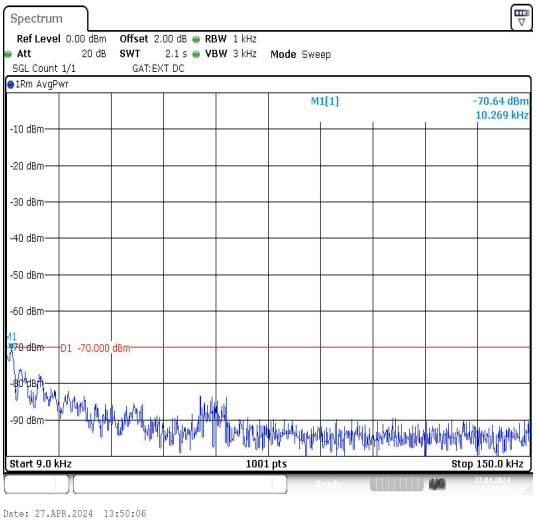
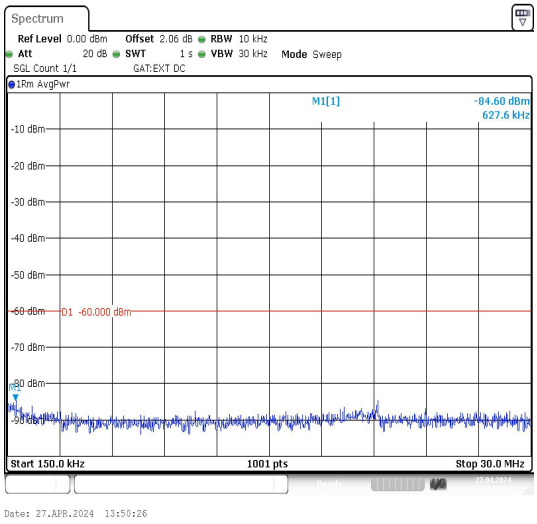
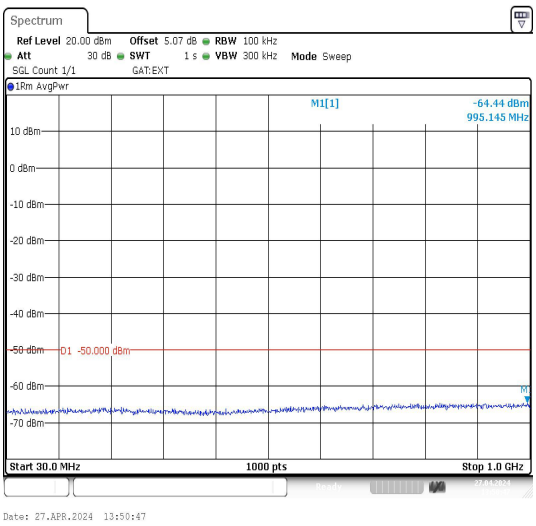
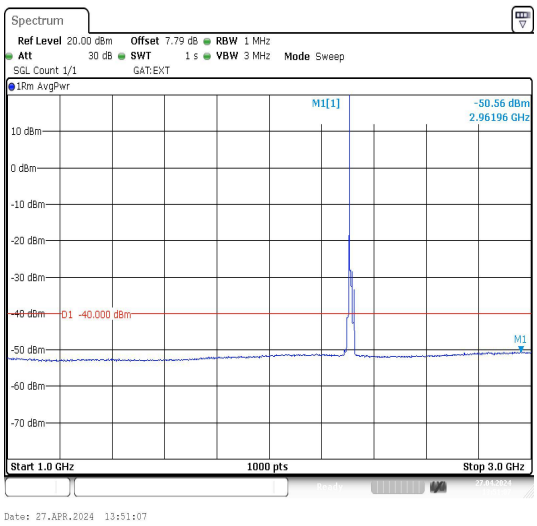
Band40_5MHz_16QAM_38775_1RB#0_0.15~30_0.15~30

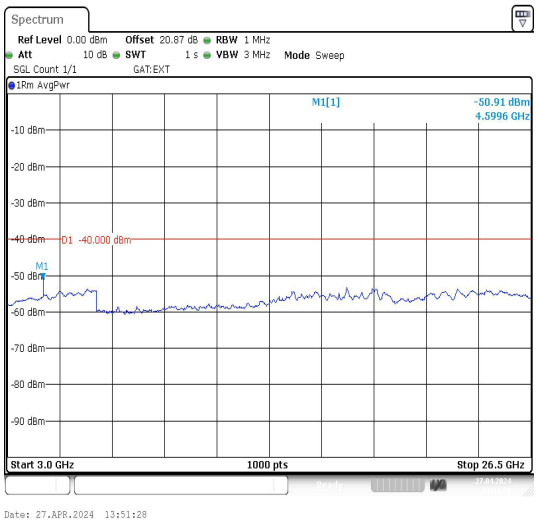


Band40_5MHz_16QAM_38775_1RB#0_30~1000_30~1000

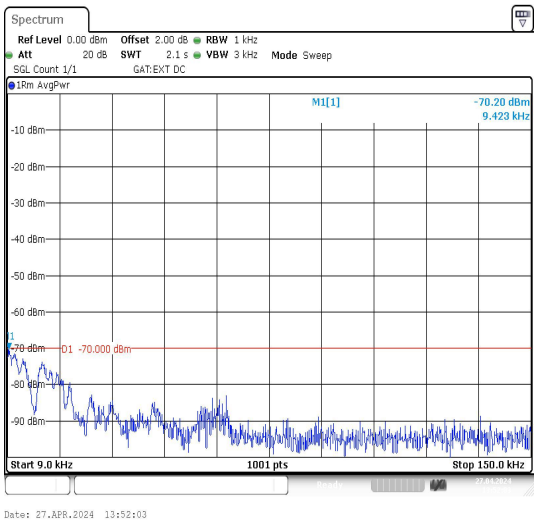




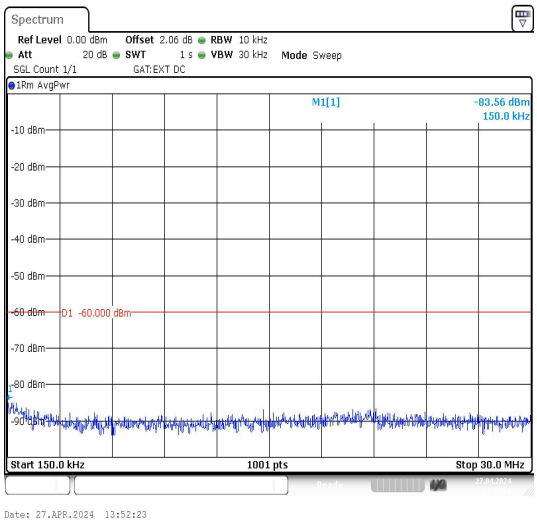
Band40_5MHz_16QAM_38775_1RB#0_1000~3000_1000~3000	Band40_5MHz_16QAM_38775_1RB#0_3000~26500_3000~26500
	
Band40_10MHz_QPSK_38750_1RB#0_0.009~0.15_0.009~0.15	Band40_10MHz_QPSK_38750_1RB#0_0.15~30_0.15~30
	
Band40_10MHz_QPSK_38750_1RB#0_30~1000_30~1000	Band40_10MHz_QPSK_38750_1RB#0_1000~3000_1000~3000



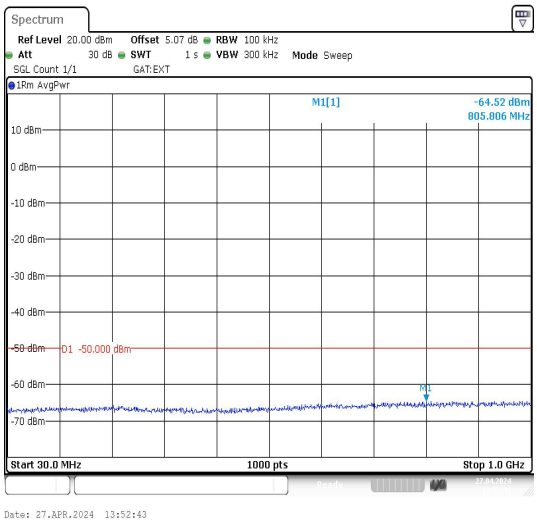
Band40_10MHz_QPSK_38750_1RB#0_3000~26500_3000~26500



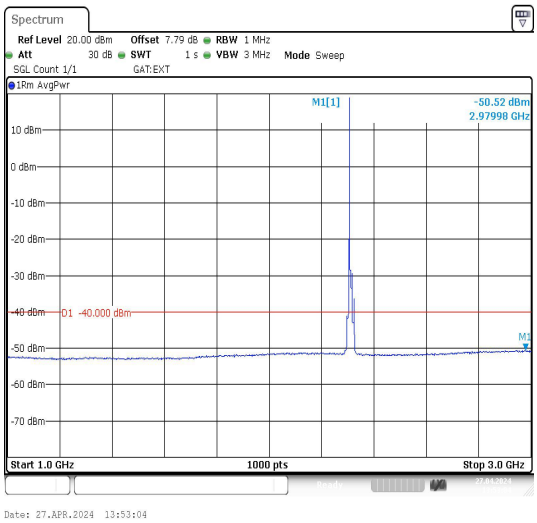
Band40_10MHz_16QAM_38750_1RB#0_0.009~0.15_0.009~0.15

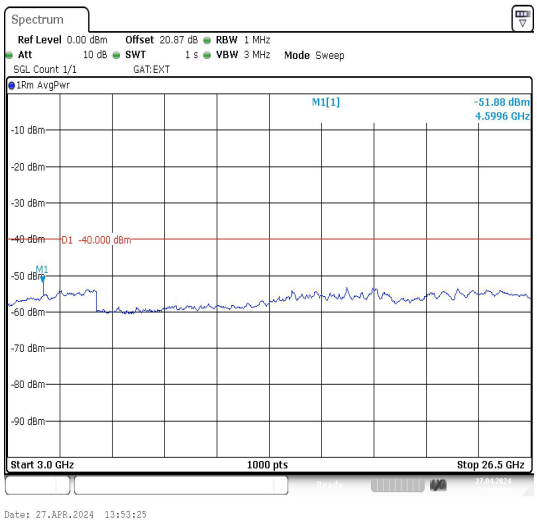


Band40_10MHz_16QAM_38750_1RB#0_0.15~30_0.15~30



Band40_10MHz_16QAM_38750_1RB#0_30~1000_30~1000





Band40_10MHz_16QAM_38750_1RB#0_1000~3000_1000~3000	Band40_10MHz_16QAM_38750_1RB#0_3000~26500_3000~26500

Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
40(2305-2315)	5MHz	QPSK	38725	25RB#0	VN	NT	-10.87	-0.004711	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38725	25RB#0	VL	NT	-13.10	-0.005677	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38725	25RB#0	VH	NT	-11.69	-0.005066	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	VN	NT	-8.53	-0.003697	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	VL	NT	-12.67	-0.005491	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	VH	NT	-6.88	-0.002982	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	VN	NT	6.90	0.002987	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	VL	NT	-9.67	-0.004186	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	VH	NT	-6.64	-0.002874	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	VN	NT	-6.92	-0.002996	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	VL	NT	-15.65	-0.006775	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	VH	NT	-14.53	-0.006290	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38775	25RB#0	VN	NT	-3.39	-0.001466	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38775	25RB#0	VL	NT	-12.32	-0.005328	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38775	25RB#0	VH	NT	-15.06	-0.006512	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38775	25RB#0	VN	NT	-7.50	-0.003243	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38775	25RB#0	VL	NT	-8.98	-0.003883	±2.5	PASS
40(2305	5MHz	16QAM	38775	25RB#0	VH	NT	-3.52	-0.001522	±2.5	PASS

-2315)										
40(2305 -2315)	10MHz	QPSK	38750	50RB#0	VN	NT	-12.59	-0.005450	±2.5	PASS
40(2305 -2315)	10MHz	QPSK	38750	50RB#0	VL	NT	-9.77	-0.004229	±2.5	PASS
40(2305 -2315)	10MHz	QPSK	38750	50RB#0	VH	NT	-9.41	-0.004074	±2.5	PASS
40(2305 -2315)	10MHz	16QAM	38750	50RB#0	VN	NT	-14.93	-0.006463	±2.5	PASS
40(2305 -2315)	10MHz	16QAM	38750	50RB#0	VL	NT	-11.33	-0.004905	±2.5	PASS
40(2305 -2315)	10MHz	16QAM	38750	50RB#0	VH	NT	-8.71	-0.003771	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
40(2305 -2315)	5MHz	QPSK	38725	25RB#0	NV	-30	-8.40	-0.003640	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38725	25RB#0	NV	-20	-13.79	-0.005976	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38725	25RB#0	NV	-10	-8.25	-0.003575	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38725	25RB#0	NV	0	-12.56	-0.005443	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38725	25RB#0	NV	10	-11.34	-0.004914	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38725	25RB#0	NV	20	-9.31	-0.004035	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38725	25RB#0	NV	30	-9.13	-0.003957	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38725	25RB#0	NV	40	-10.06	-0.004360	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38725	25RB#0	NV	50	-13.50	-0.005850	±2.5	PASS
40(2305 -2315)	5MHz	16QAM	38725	25RB#0	NV	-30	-9.28	-0.004022	±2.5	PASS
40(2305 -2315)	5MHz	16QAM	38725	25RB#0	NV	-20	-9.81	-0.004251	±2.5	PASS
40(2305 -2315)	5MHz	16QAM	38725	25RB#0	NV	-10	-12.76	-0.005530	±2.5	PASS

40(2305-2315)	5MHz	16QAM	38725	25RB#0	NV	0	-7.10	-0.003077	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	NV	10	-12.42	-0.005382	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	NV	20	-11.37	-0.004927	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	NV	30	-13.68	-0.005928	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	NV	40	-10.76	-0.004663	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38725	25RB#0	NV	50	-12.53	-0.005430	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	NV	-30	-10.74	-0.004649	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	NV	-20	-8.54	-0.003697	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	NV	-10	-7.47	-0.003234	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	NV	0	-9.83	-0.004255	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	NV	10	-8.55	-0.003701	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	NV	20	-3.23	-0.001398	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	NV	30	-6.44	-0.002788	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	NV	40	-13.09	-0.005667	±2.5	PASS
40(2305-2315)	5MHz	QPSK	38750	25RB#0	NV	50	-4.82	-0.002087	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	NV	-30	-6.07	-0.002628	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	NV	-20	-3.82	-0.001654	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	NV	-10	-4.43	-0.001918	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	NV	0	-9.28	-0.004017	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	NV	10	-10.57	-0.004576	±2.5	PASS
40(2305-2315)	5MHz	16QAM	38750	25RB#0	NV	20	-18.17	-0.007866	±2.5	PASS

40(2305 -2315)	5MHz	16QAM	38750	25RB#0	NV	30	-10.66	-0.004615	±2.5	PASS
40(2305 -2315)	5MHz	16QAM	38750	25RB#0	NV	40	-8.48	-0.003671	±2.5	PASS
40(2305 -2315)	5MHz	16QAM	38750	25RB#0	NV	50	-7.68	-0.003325	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38775	25RB#0	NV	-30	-13.68	-0.005916	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38775	25RB#0	NV	-20	-4.35	-0.001881	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38775	25RB#0	NV	-10	-9.11	-0.003939	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38775	25RB#0	NV	0	-4.16	-0.001799	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38775	25RB#0	NV	10	-9.26	-0.004004	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38775	25RB#0	NV	20	-14.15	-0.006119	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38775	25RB#0	NV	30	-6.38	-0.002759	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38775	25RB#0	NV	40	-2.78	-0.001202	±2.5	PASS
40(2305 -2315)	5MHz	QPSK	38775	25RB#0	NV	50	-20.28	-0.008770	±2.5	PASS
40(2305 -2315)	5MHz	16QAM	38775	25RB#0	NV	-30	-3.62	-0.001565	±2.5	PASS
40(2305 -2315)	5MHz	16QAM	38775	25RB#0	NV	-20	-10.86	-0.004696	±2.5	PASS
40(2305 -2315)	5MHz	16QAM	38775	25RB#0	NV	-10	-3.89	-0.001682	±2.5	PASS
40(2305 -2315)	5MHz	16QAM	38775	25RB#0	NV	0	-6.07	-0.002625	±2.5	PASS
40(2305 -2315)	5MHz	16QAM	38775	25RB#0	NV	10	-6.55	-0.002832	±2.5	PASS
40(2305 -2315)	5MHz	16QAM	38775	25RB#0	NV	20	-17.48	-0.007559	±2.5	PASS
40(2305 -2315)	5MHz	16QAM	38775	25RB#0	NV	30	-5.55	-0.002400	±2.5	PASS
40(2305 -2315)	5MHz	16QAM	38775	25RB#0	NV	40	-5.44	-0.002352	±2.5	PASS
40(2305 -2315)	5MHz	16QAM	38775	25RB#0	NV	50	4.98	0.002154	±2.5	PASS

40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	-30	-9.48	-0.004104	±2.5	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	-20	-12.66	-0.005481	±2.5	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	-10	-10.03	-0.004342	±2.5	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	0	-10.74	-0.004649	±2.5	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	10	-11.52	-0.004987	±2.5	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	20	-8.87	-0.003840	±2.5	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	30	-7.67	-0.003320	±2.5	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	40	-9.04	-0.003913	±2.5	PASS
40(2305-2315)	10MHz	QPSK	38750	50RB#0	NV	50	-8.77	-0.003797	±2.5	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	NV	-30	-10.39	-0.004498	±2.5	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	NV	-20	-4.61	-0.001996	±2.5	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	NV	-10	-6.81	-0.002948	±2.5	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	NV	0	-7.10	-0.003074	±2.5	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	NV	10	-7.27	-0.003147	±2.5	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	NV	20	-7.78	-0.003368	±2.5	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	NV	30	-8.41	-0.003641	±2.5	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	NV	40	-9.14	-0.003957	±2.5	PASS
40(2305-2315)	10MHz	16QAM	38750	50RB#0	NV	50	-14.09	-0.006100	±2.5	PASS