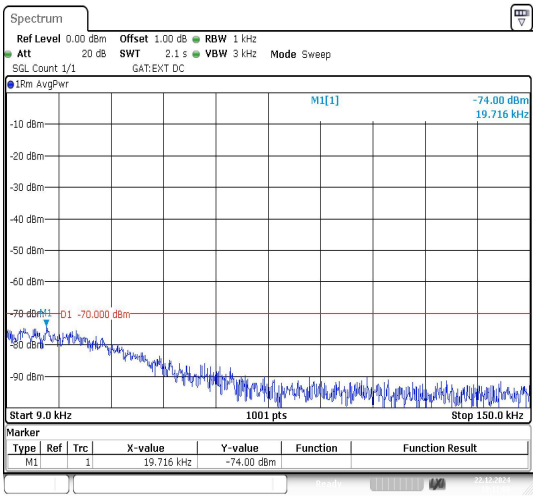
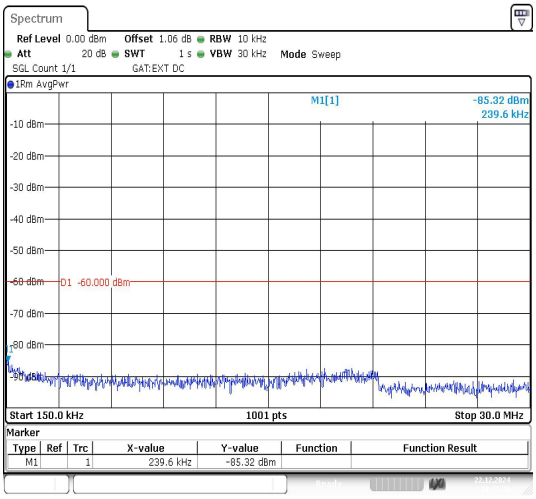
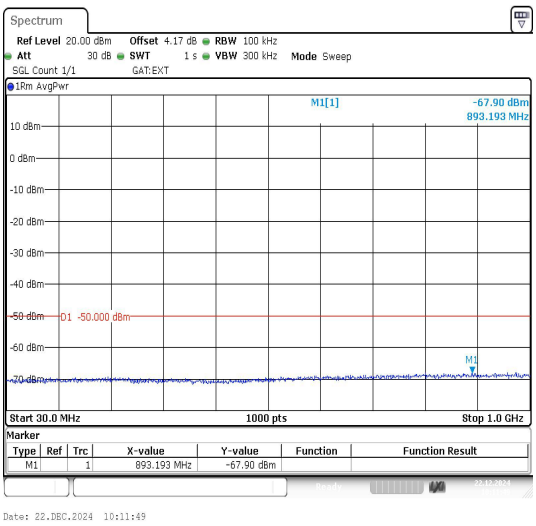
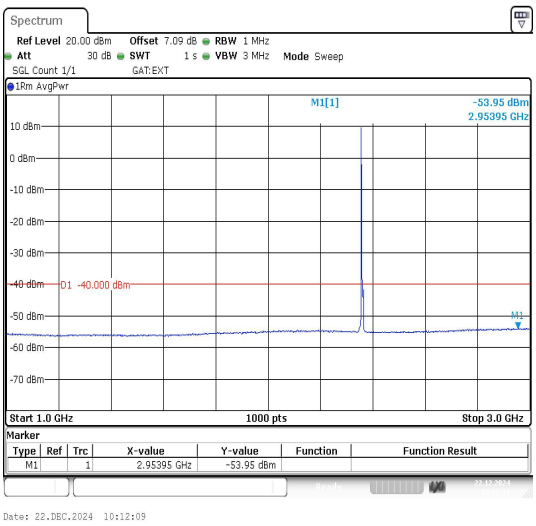
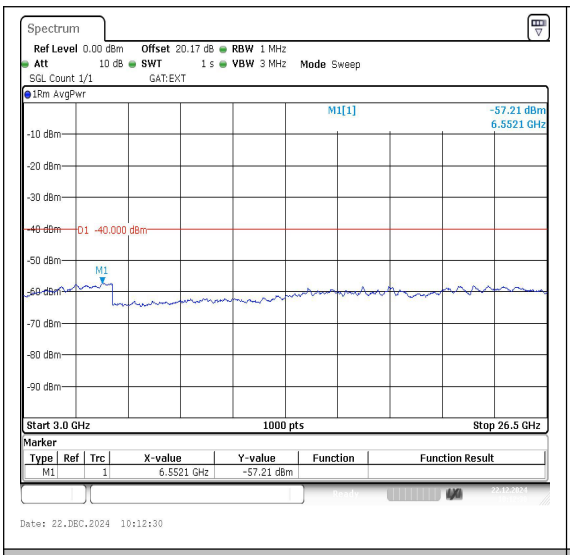
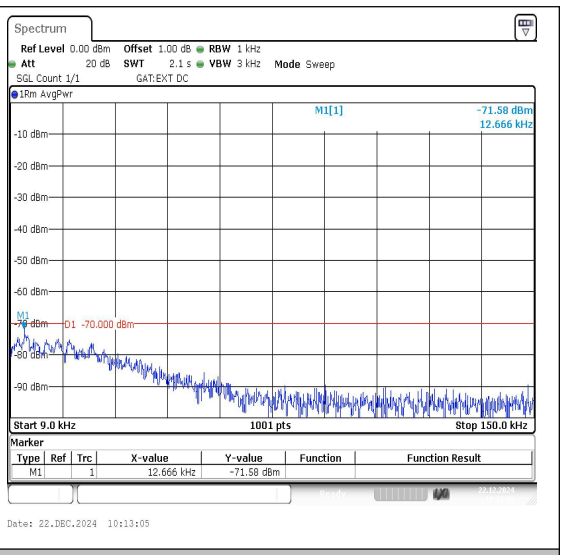
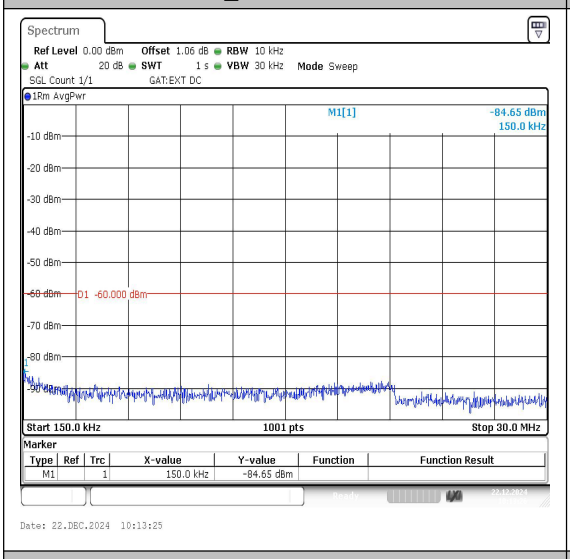
Band40_5MHz_16QAM_39200_1RB#0_1000~3000_1000~3000	Band40_5MHz_16QAM_39200_1RB#0_3000~26500_3000~26500
	
Band40_5MHz_QPSK_39225_1RB#0_0.009~0.15_0.009~0.15	Band40_5MHz_QPSK_39225_1RB#0_0.15~30_0.15~30
	
Band40_5MHz_QPSK_39225_1RB#0_30~1000_30~1000	Band40_5MHz_QPSK_39225_1RB#0_1000~3000_1000~3000



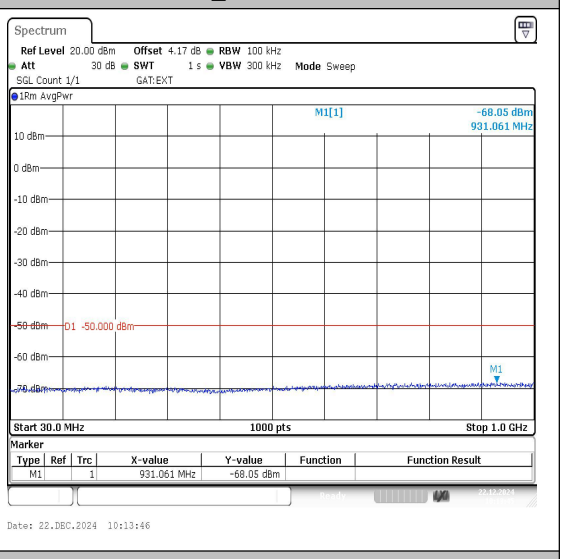
Band40_5MHz_QPSK_39225_1RB#0_3000~26500_3000~26500



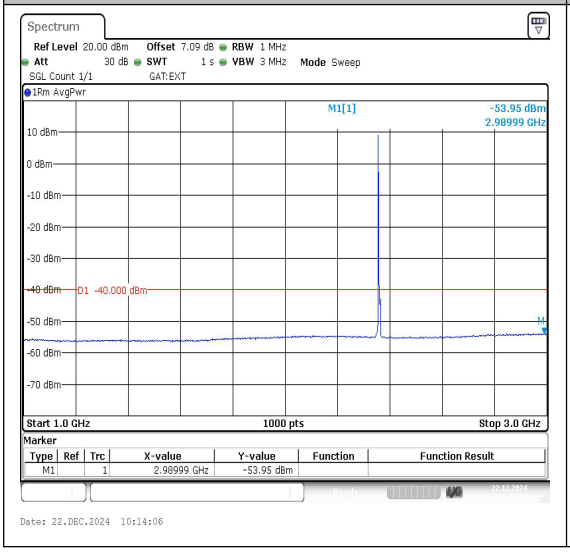
Band40_5MHz_16QAM_39225_1RB#0_0.009~0.15_0.009~0.15

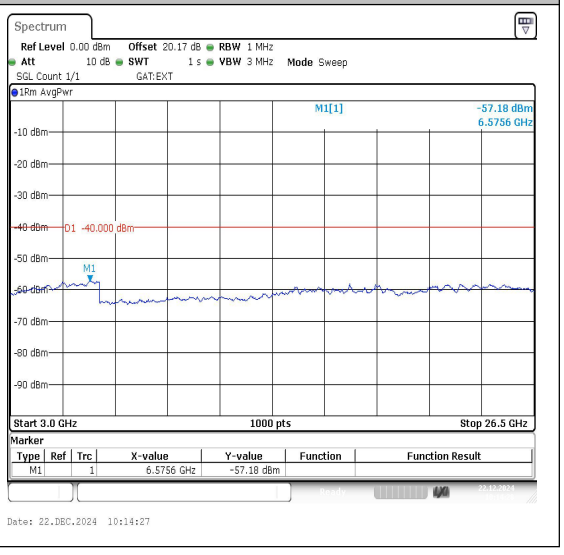


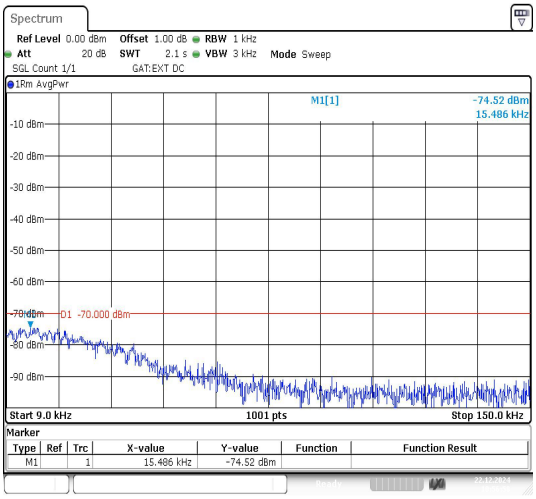
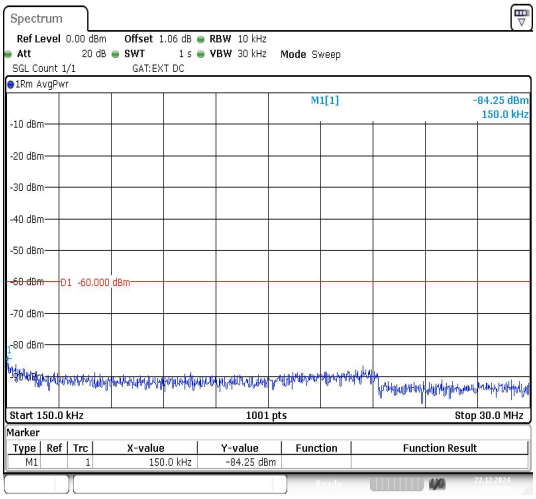
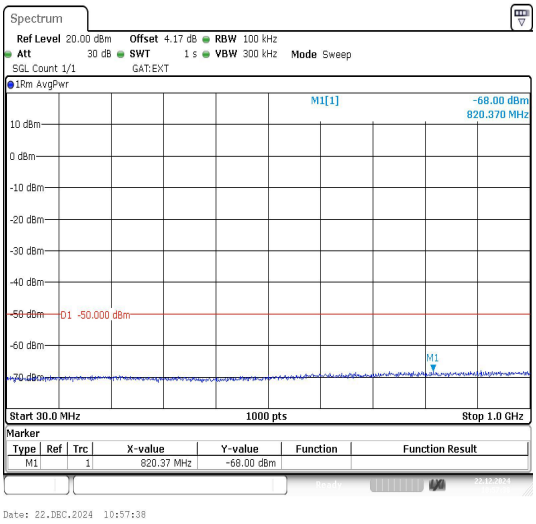
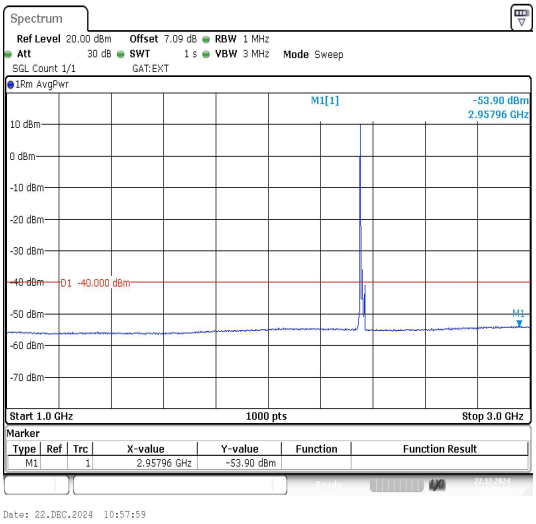
Band40_5MHz_16QAM_39225_1RB#0_0.15~30_0.15~30

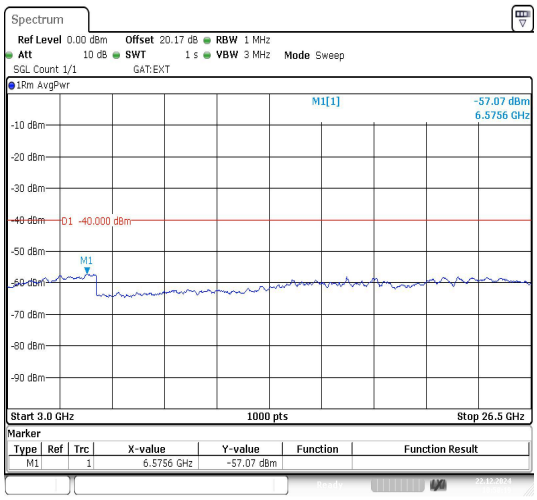


Band40_5MHz_16QAM_39225_1RB#0_30~1000_30~1000

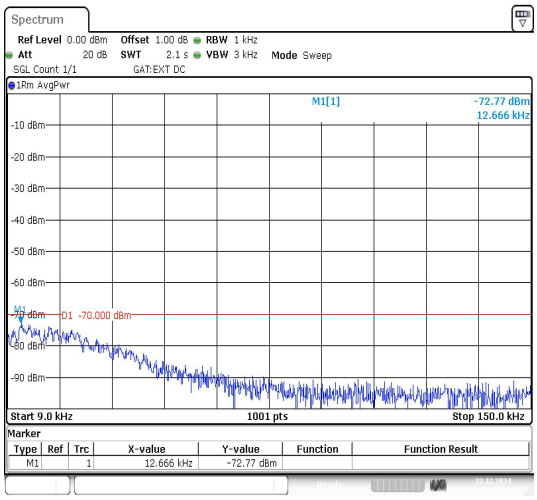




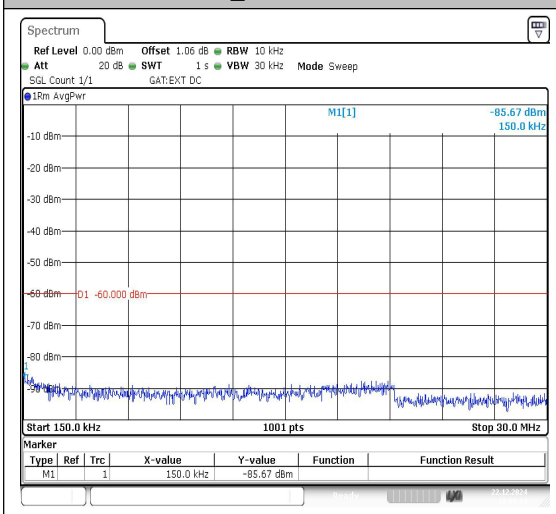
Band40_5MHz_16QAM_39225_1RB#0_1000~3000_1000~3000	Band40_5MHz_16QAM_39225_1RB#0_3000~26500_3000~26500
	
Band40_10MHz_QPSK_39200_1RB#0_0.009~0.15_0.009~0.15	Band40_10MHz_QPSK_39200_1RB#0_0.15~30_0.15~30
	
Band40_10MHz_QPSK_39200_1RB#0_30~1000_30~1000	Band40_10MHz_QPSK_39200_1RB#0_1000~3000_1000~3000



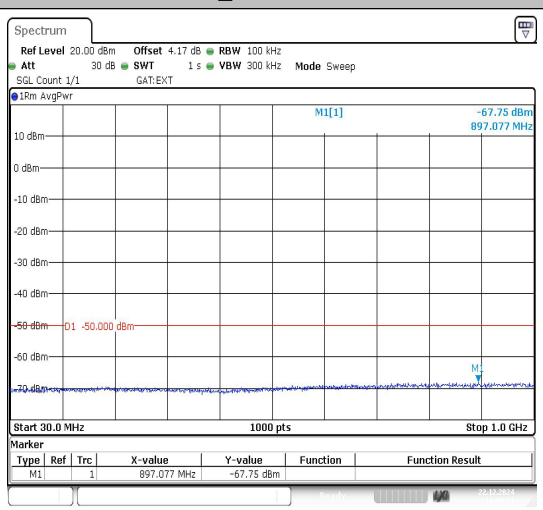
Band40_10MHz_QPSK_39200_1RB#0_3000~26500_3000~26500



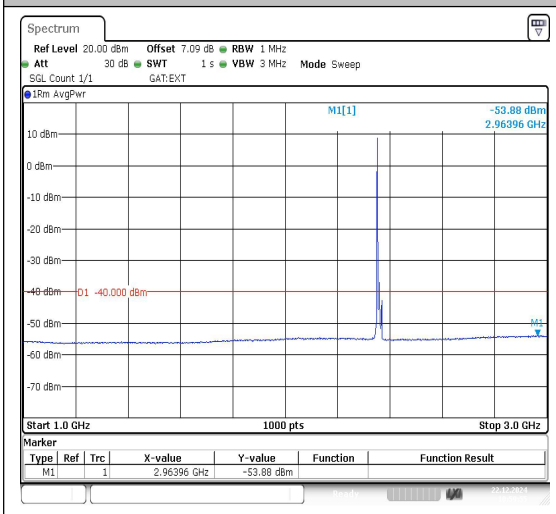
Band40_10MHz_16QAM_39200_1RB#0_0.009~0.15_0.009~0.15

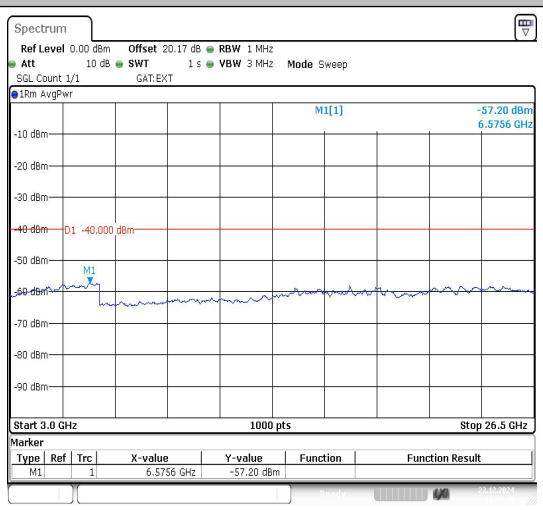


Band40_10MHz_16QAM_39200_1RB#0_0.15~30_0.15~30



Band40_10MHz_16QAM_39200_1RB#0_30~1000_30~1000





Band40_10MHz_16QAM_39200_1RB#0_1000~3000_1000~3000	Band40_10MHz_16QAM_39200_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(2350-2360)	5MHz	QPSK	39175	25RB#0	VN	NT	-7.58	-0.003222	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	VL	NT	-8.53	-0.003626	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39175	25RB#0	VH	NT	5.49	0.002334	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	VN	NT	-13.93	-0.005921	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	VL	NT	-6.79	-0.002886	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	VH	NT	-4.78	-0.002032	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	VN	NT	7.11	0.003019	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	VL	NT	-8.10	-0.003439	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	VH	NT	-8.77	-0.003724	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	VN	NT	-3.06	-0.001299	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	VL	NT	-7.34	-0.003117	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	VH	NT	-7.81	-0.003316	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	VN	NT	7.32	0.003105	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	VL	NT	-9.07	-0.003847	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	VH	NT	-7.40	-0.003139	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	VN	NT	-8.53	-0.003618	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	VL	NT	-11.01	-0.004670	±2.5	PASS
40(2350	5MHz	16QAM	39225	25RB#0	VH	NT	-8.21	-0.003483	±2.5	PASS

-2360)										
40(2350 -2360)	10MHz	QPSK	39200	50RB#0	VN	NT	-10.51	-0.004463	±2.5	PASS
40(2350 -2360)	10MHz	QPSK	39200	50RB#0	VL	NT	-8.27	-0.003512	±2.5	PASS
40(2350 -2360)	10MHz	QPSK	39200	50RB#0	VH	NT	-9.24	-0.003924	±2.5	PASS
40(2350 -2360)	10MHz	16QAM	39200	50RB#0	VN	NT	-8.50	-0.003609	±2.5	PASS
40(2350 -2360)	10MHz	16QAM	39200	50RB#0	VL	NT	-16.58	-0.007040	±2.5	PASS
40(2350 -2360)	10MHz	16QAM	39200	50RB#0	VH	NT	-8.65	-0.003673	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
40(2350 -2360)	5MHz	QPSK	39175	25RB#0	NV	-30	2.25	0.000956	±2.5	PASS
40(2350 -2360)	5MHz	QPSK	39175	25RB#0	NV	-20	-3.66	-0.001556	±2.5	PASS
40(2350 -2360)	5MHz	QPSK	39175	25RB#0	NV	-10	-4.86	-0.002066	±2.5	PASS
40(2350 -2360)	5MHz	QPSK	39175	25RB#0	NV	0	-5.38	-0.002287	±2.5	PASS
40(2350 -2360)	5MHz	QPSK	39175	25RB#0	NV	10	-8.15	-0.003464	±2.5	PASS
40(2350 -2360)	5MHz	QPSK	39175	25RB#0	NV	20	-8.25	-0.003507	±2.5	PASS
40(2350 -2360)	5MHz	QPSK	39175	25RB#0	NV	30	-7.57	-0.003218	±2.5	PASS
40(2350 -2360)	5MHz	QPSK	39175	25RB#0	NV	40	-9.11	-0.003872	±2.5	PASS
40(2350 -2360)	5MHz	QPSK	39175	25RB#0	NV	50	-3.35	-0.001424	±2.5	PASS
40(2350 -2360)	5MHz	16QAM	39175	25RB#0	NV	-30	-8.20	-0.003486	±2.5	PASS
40(2350 -2360)	5MHz	16QAM	39175	25RB#0	NV	-20	-5.99	-0.002546	±2.5	PASS
40(2350 -2360)	5MHz	16QAM	39175	25RB#0	NV	-10	-5.74	-0.002440	±2.5	PASS

40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	0	-3.33	-0.001416	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	10	-7.14	-0.003035	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	20	-4.11	-0.001747	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	30	-6.28	-0.002670	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	40	-8.98	-0.003817	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39175	25RB#0	NV	50	-4.09	-0.001739	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	-30	-4.29	-0.001822	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	-20	-2.69	-0.001142	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	-10	3.15	0.001338	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	0	-3.55	-0.001507	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	10	-4.96	-0.002106	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	20	-10.17	-0.004318	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	30	2.96	0.001257	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	40	-6.97	-0.002960	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39200	25RB#0	NV	50	-9.08	-0.003856	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	-30	-8.84	-0.003754	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	-20	-5.24	-0.002225	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	-10	-4.16	-0.001766	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	0	-6.95	-0.002951	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	10	5.05	0.002144	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	20	-4.39	-0.001864	±2.5	PASS

40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	30	-5.98	-0.002539	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	40	-5.66	-0.002403	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39200	25RB#0	NV	50	-6.21	-0.002637	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-30	-6.35	-0.002694	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-20	-6.59	-0.002795	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	-10	-14.23	-0.006036	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	0	-14.12	-0.005989	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	10	-10.90	-0.004624	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	20	-13.98	-0.005930	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	30	-11.84	-0.005022	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	40	-7.95	-0.003372	±2.5	PASS
40(2350-2360)	5MHz	QPSK	39225	25RB#0	NV	50	-8.43	-0.003576	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-30	-14.36	-0.006091	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-20	-14.26	-0.006049	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	-10	-2.33	-0.000988	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	0	2.50	0.001060	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	10	-13.62	-0.005777	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	20	-12.49	-0.005298	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	30	4.09	0.001735	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	40	-4.55	-0.001930	±2.5	PASS
40(2350-2360)	5MHz	16QAM	39225	25RB#0	NV	50	-6.77	-0.002872	±2.5	PASS

40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-30	-10.26	-0.004357	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-20	-6.67	-0.002832	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	-10	-8.48	-0.003601	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	0	-9.56	-0.004059	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	10	-5.95	-0.002527	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	20	-6.42	-0.002726	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	30	-11.10	-0.004713	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	40	-9.84	-0.004178	±2.5	PASS
40(2350-2360)	10MHz	QPSK	39200	50RB#0	NV	50	-7.68	-0.003261	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-30	-11.93	-0.005066	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-20	-6.54	-0.002777	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	-10	-8.97	-0.003809	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	0	-10.69	-0.004539	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	10	-15.19	-0.006450	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	20	-9.50	-0.004034	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	30	-12.77	-0.005423	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	40	-11.50	-0.004883	±2.5	PASS
40(2350-2360)	10MHz	16QAM	39200	50RB#0	NV	50	-9.64	-0.004093	±2.5	PASS