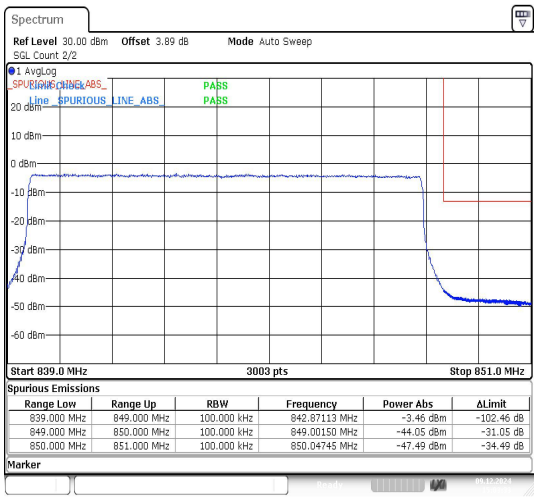
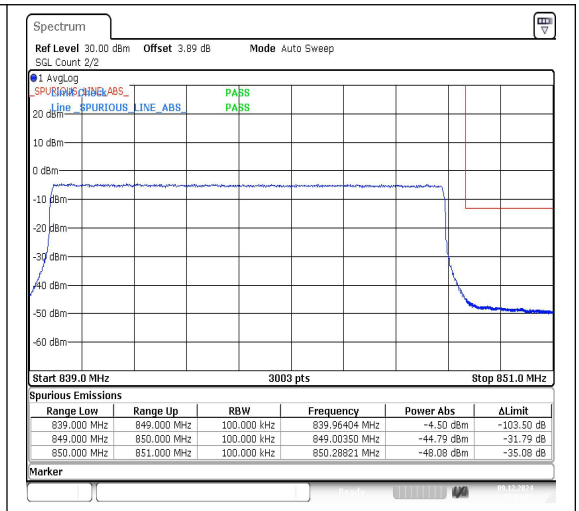


Band5_10MHz_QPSK_20600_50RB#0



Band5_10MHz_16QAM_20600_50RB#0

Appendix E: Conducted Spurious Emission

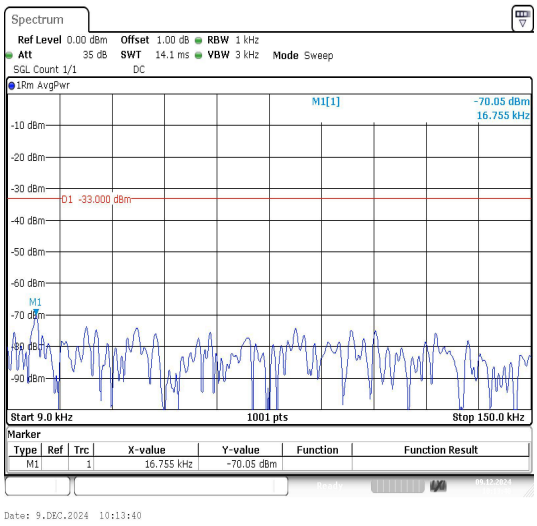
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-70.05	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-74.16	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-58.12	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-53.15	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-42.01	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-73.58	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-73.07	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-58.00	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-52.95	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-42.13	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-72.51	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-74.76	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-59.28	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-53.02	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-42.15	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-71.87	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-74.39	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-59.39	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-52.95	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-42.11	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-71.98	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-72.96	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-55.58	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-53.04	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-42.07	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-73.65	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-75.31	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-56.46	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-53.08	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-42.08	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-69.23	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-75.48	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-64.59	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-53.06	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-42.06	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-72.04	PASS

Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-74.96	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-64.56	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-53.00	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-42.16	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-71.49	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-75.70	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-64.27	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-53.01	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-42.05	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-72.64	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-75.04	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-53.56	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-53.05	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-42.11	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-73.54	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-73.98	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-64.73	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-53.03	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-42.14	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-74.14	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-75.36	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-64.91	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-53.06	PASS
Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-42.15	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-70.58	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-73.45	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-63.34	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-53.03	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-42.13	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-71.77	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-75.67	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-67.37	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-53.11	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-42.06	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-72.15	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-75.25	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-67.24	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-53.06	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-42.13	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-72.84	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-74.74	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-66.95	PASS

Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-53.00	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-42.09	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-74.10	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-76.08	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-67.39	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-53.04	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-42.06	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-71.20	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-75.70	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-67.29	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-53.02	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-42.14	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-74.50	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-73.98	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-67.58	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-53.05	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-42.16	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-70.89	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-74.65	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-67.42	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-53.03	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-42.09	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-71.48	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-73.93	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-67.75	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-53.05	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-42.12	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-72.37	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-75.67	PASS
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-67.73	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-53.07	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-42.00	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-74.37	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-74.81	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-67.58	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-53.01	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-42.18	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-70.46	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-75.18	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-67.71	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-53.07	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-42.10	PASS

Test Graphs



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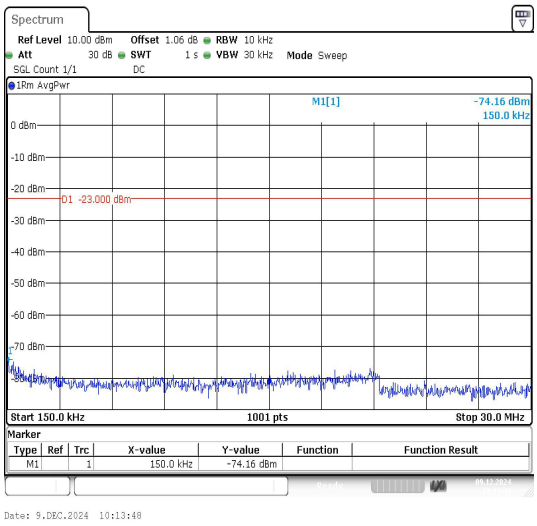
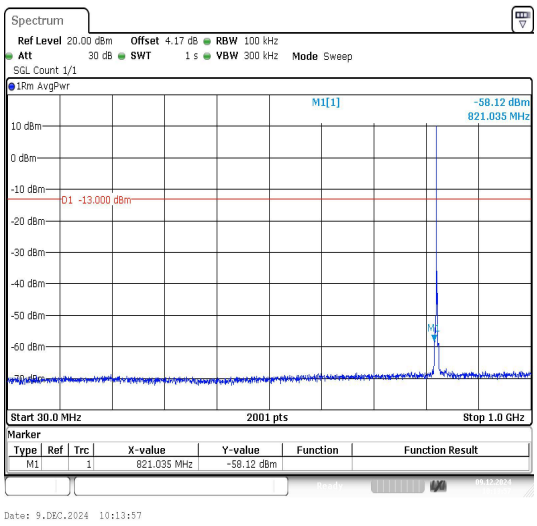
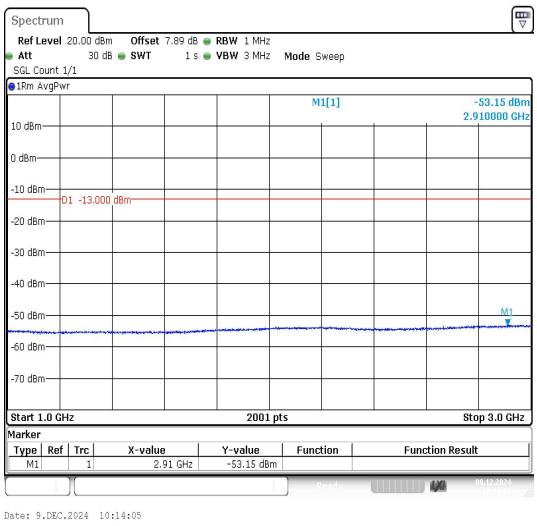


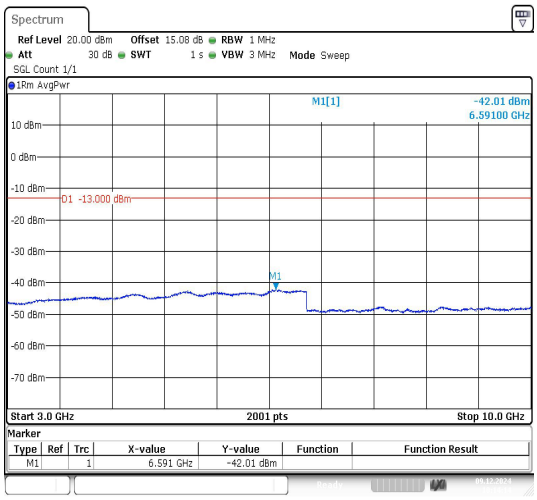
Band5_1.4MHz_QPSK_20407_1RB#0_0.15~30_0.15~30

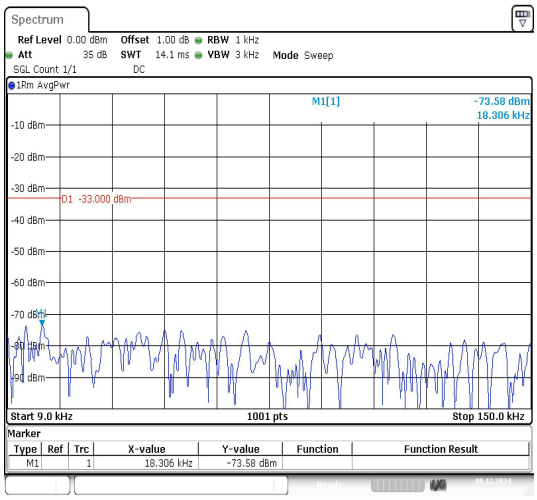


Band5_1.4MHz_QPSK_20407_1RB#0_30~1000_30~1000



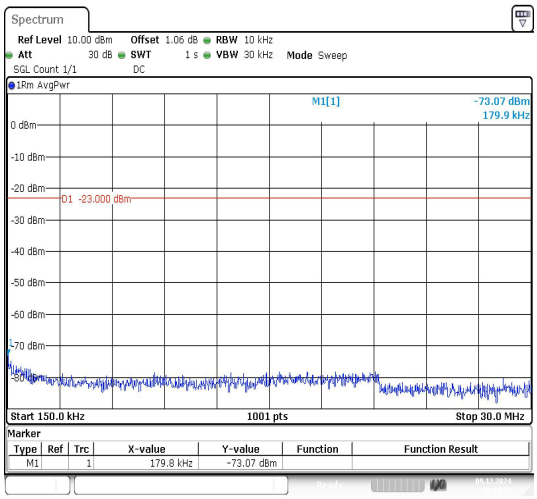
Band5_1.4MHz_QPSK_20407_1RB#0_1000~3000_1000~3000

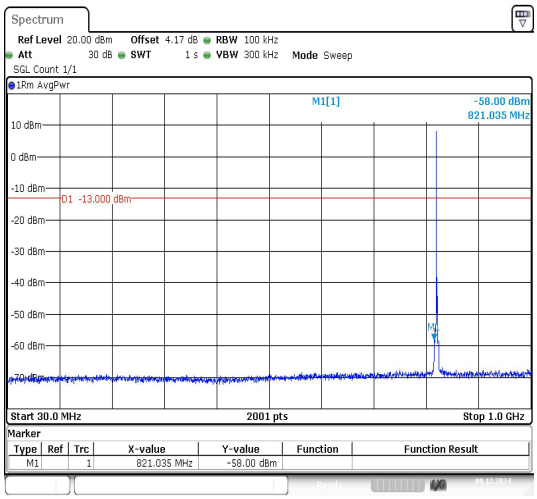




Band5_1.4MHz_QPSK_20407_1RB#0_3000~10000_3000~10000

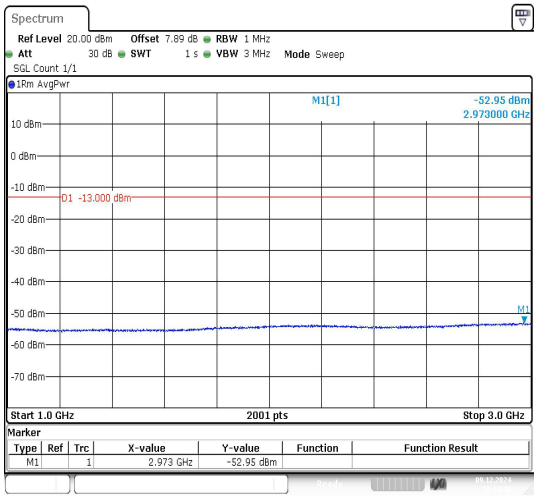
Band5_1.4MHz_16QAM_20407_1RB#0_0.009~0.15_0.009~0.15

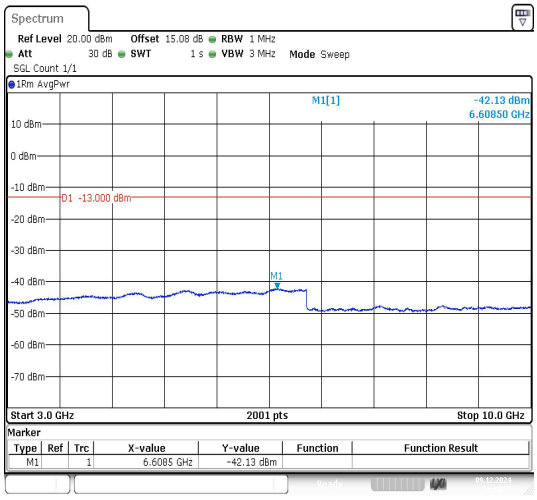


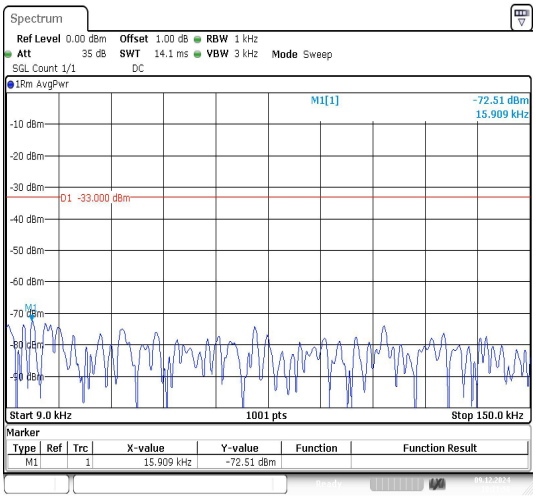
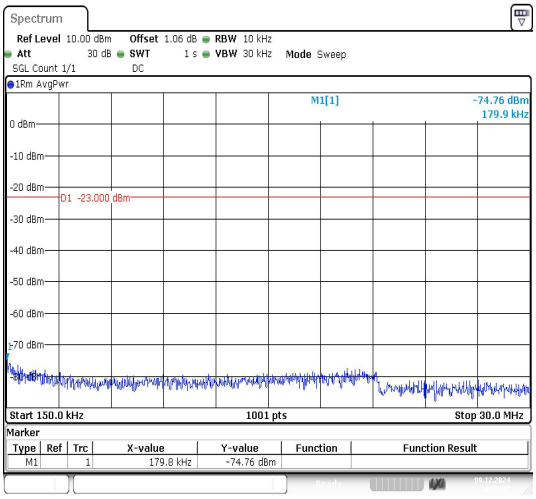
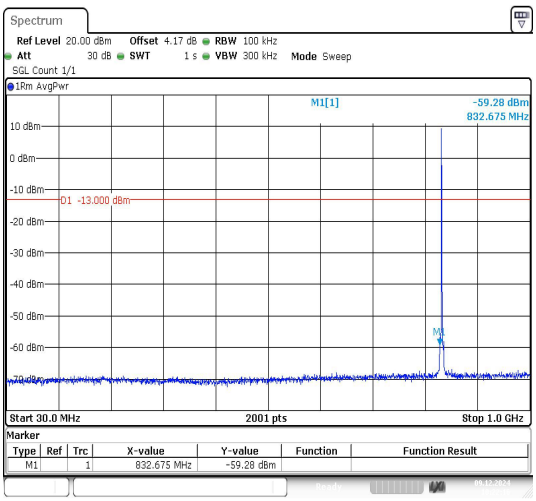
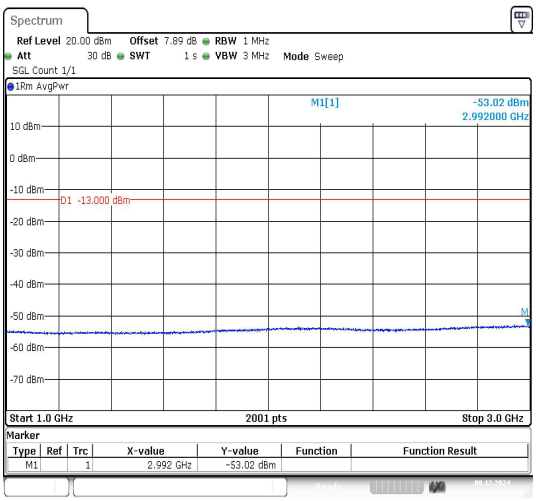


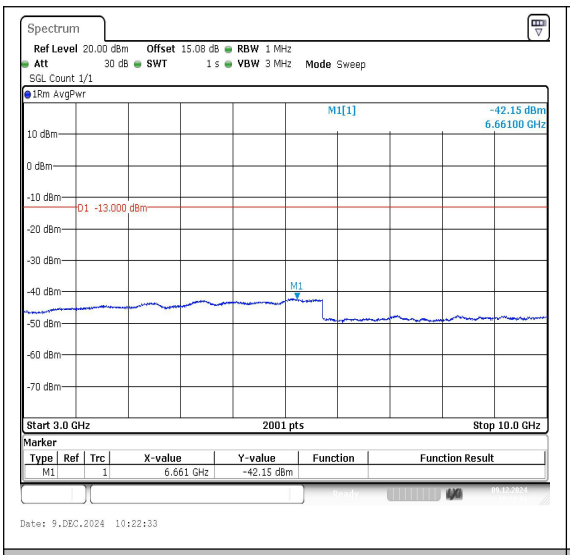
Band5_1.4MHz_16QAM_20407_1RB#0_0.15~30_0.15~30

Band5_1.4MHz_16QAM_20407_1RB#0_30~1000_30~1000





Band5_1.4MHz_16QAM_20407_1RB#0_1000~3000_1000~3000	Band5_1.4MHz_16QAM_20407_1RB#0_3000~10000_3000~10000
	
Band5_1.4MHz_QPSK_20525_1RB#0_0.009~0.15_0.009~0.15	Band5_1.4MHz_QPSK_20525_1RB#0_0.15~30_0.15~30
	
Band5_1.4MHz_QPSK_20525_1RB#0_30~1000_30~1000	Band5_1.4MHz_QPSK_20525_1RB#0_1000~3000_1000~3000



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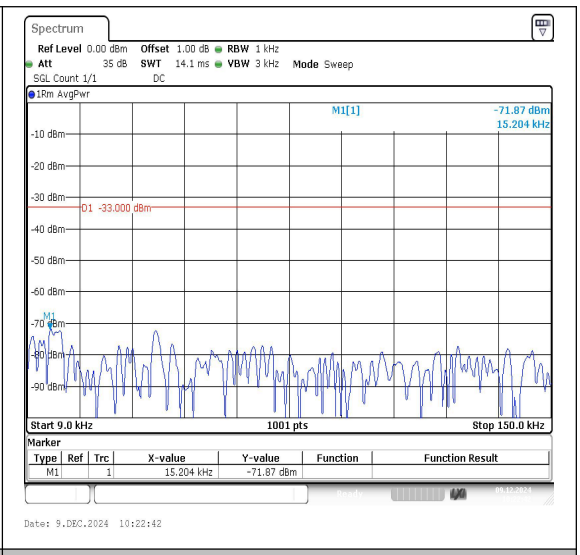
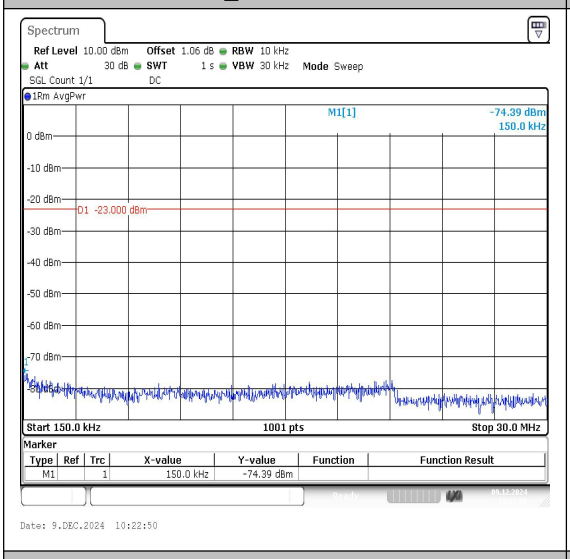
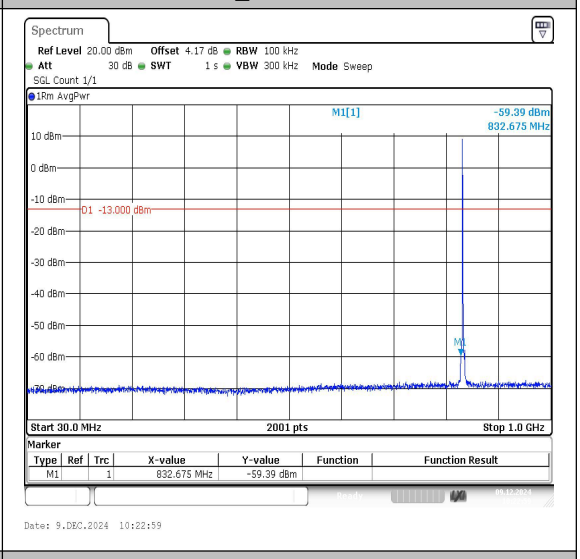


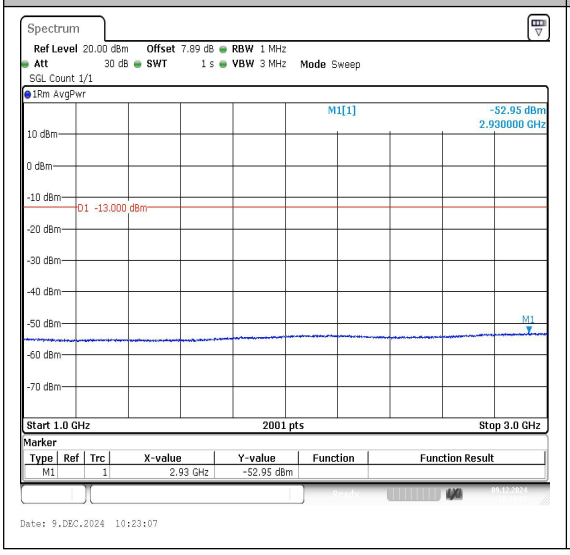
Band5_1.4MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15

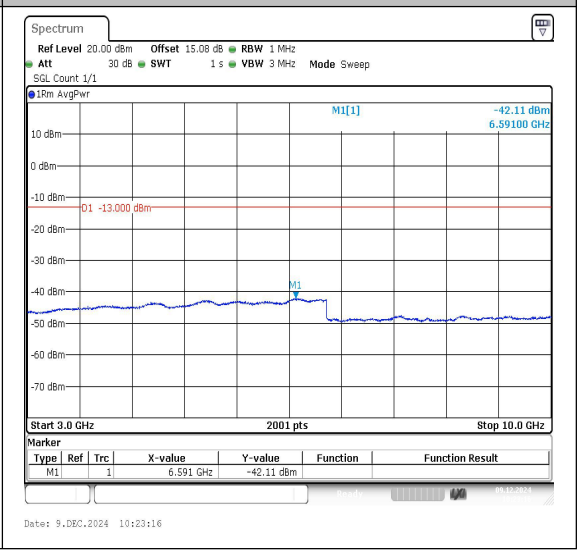


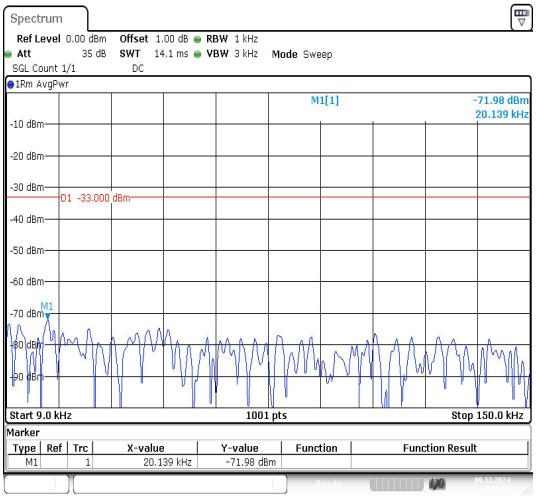
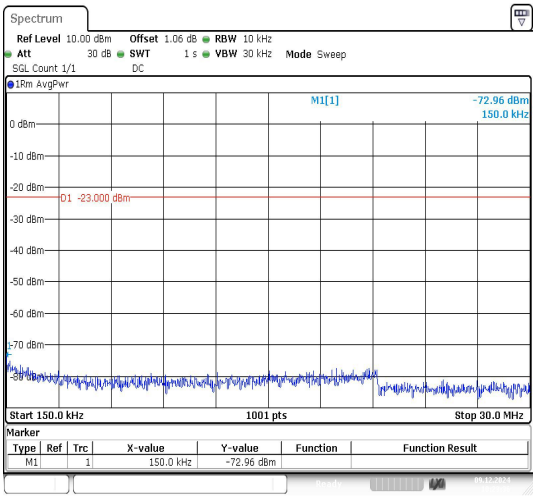
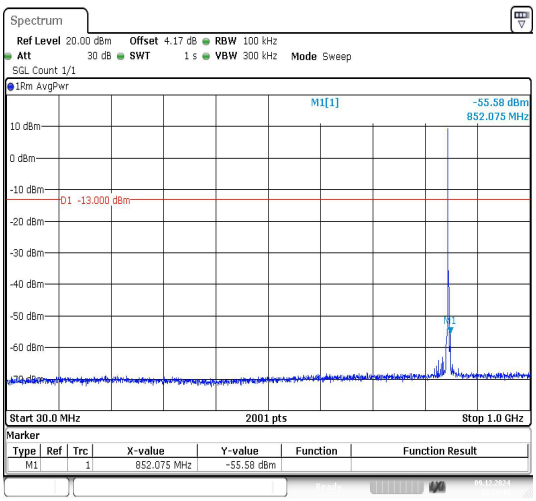
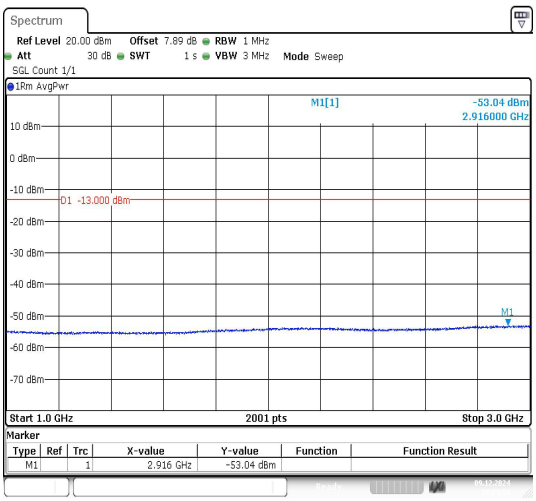
Band5_1.4MHz_16QAM_20525_1RB#0_0.15~30_0.15~30



Band5_1.4MHz_16QAM_20525_1RB#0_30~1000_30~1000





Band5_1.4MHz_16QAM_20525_1RB#0_1000~3000_1000~3000	Band5_1.4MHz_16QAM_20525_1RB#0_3000~10000_3000~10000
	
Band5_1.4MHz_QPSK_20643_1RB#0_0.009~0.15_0.009~0.15	Band5_1.4MHz_QPSK_20643_1RB#0_0.15~30_0.15~30
	
Band5_1.4MHz_QPSK_20643_1RB#0_30~1000_30~1000	Band5_1.4MHz_QPSK_20643_1RB#0_1000~3000_1000~3000