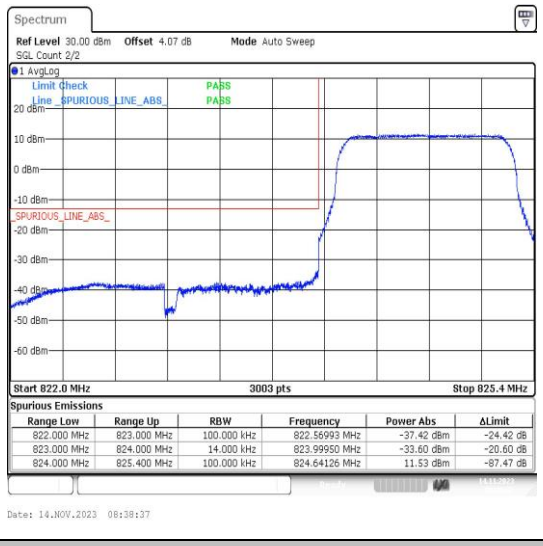

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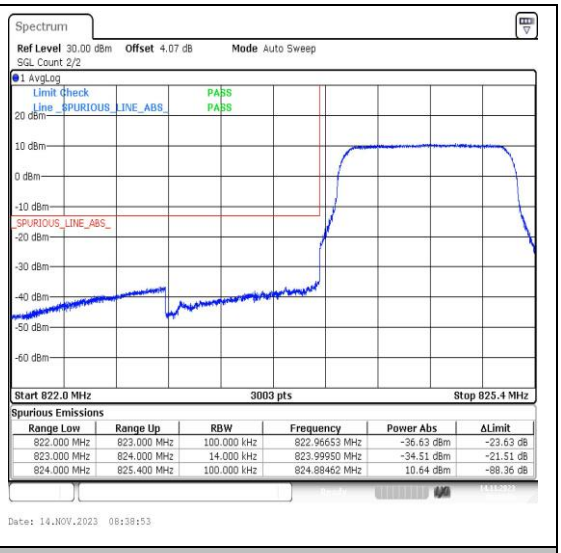

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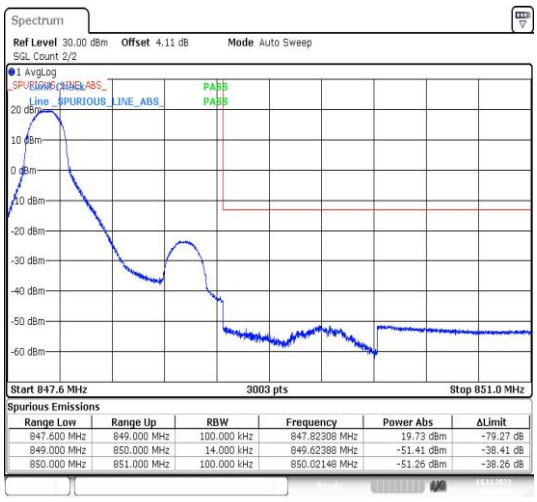

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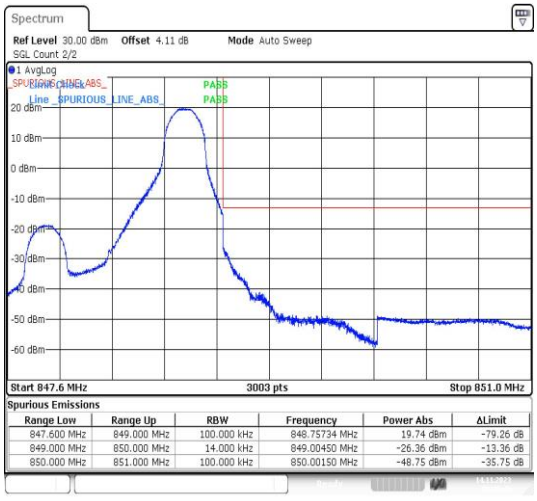

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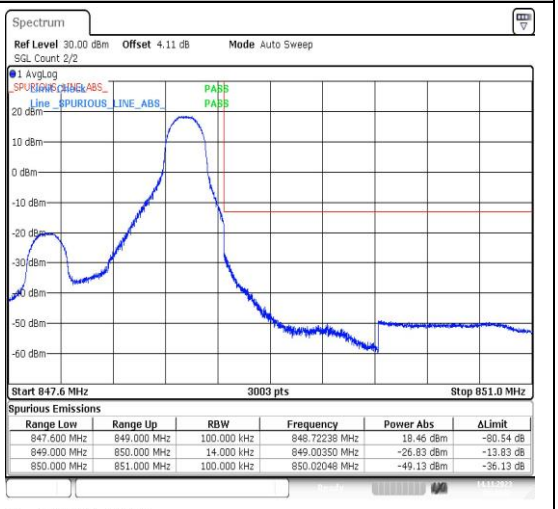

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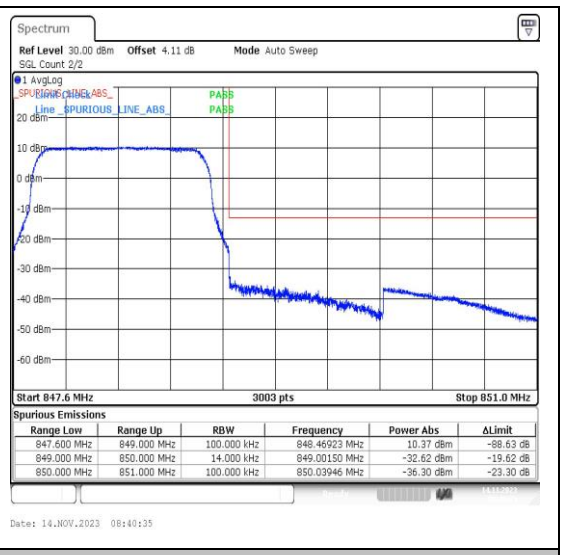

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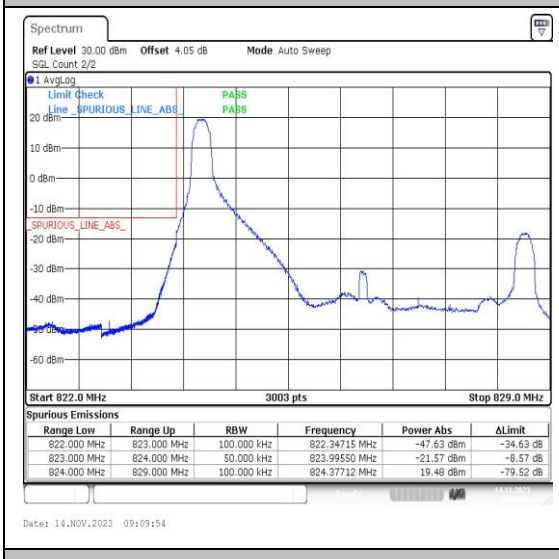

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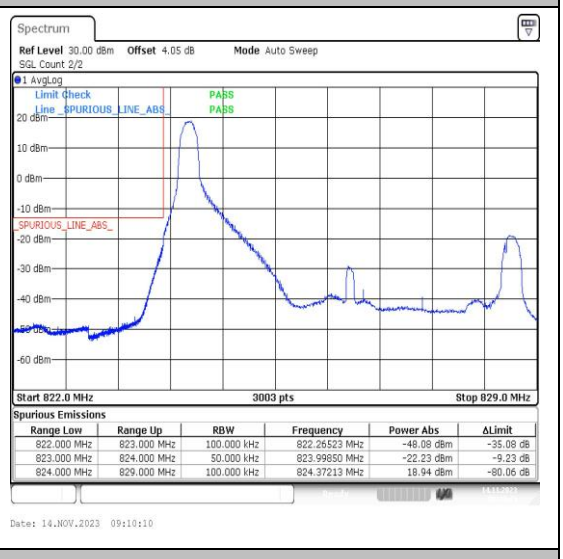

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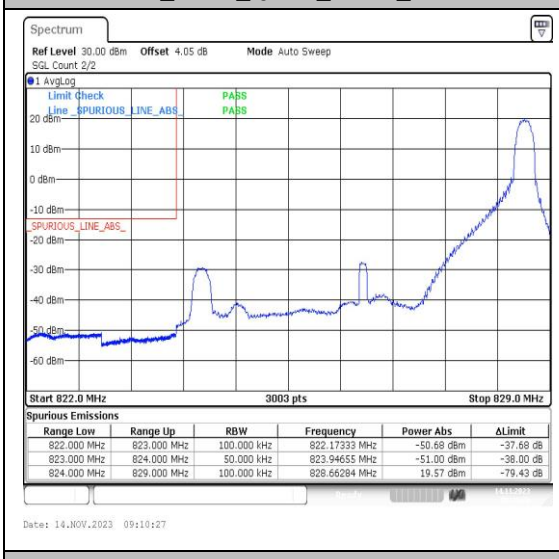

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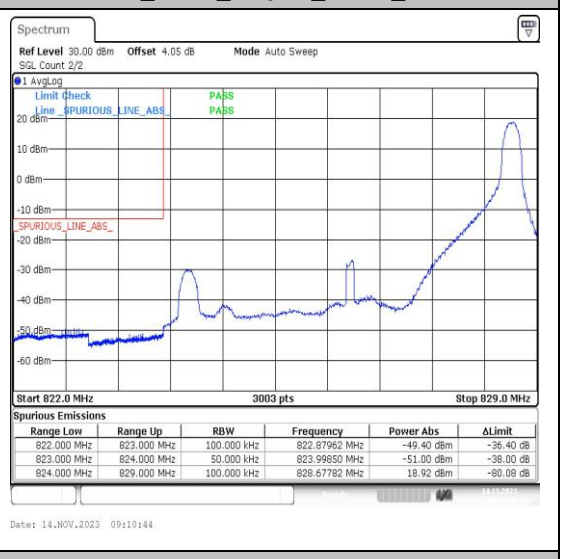

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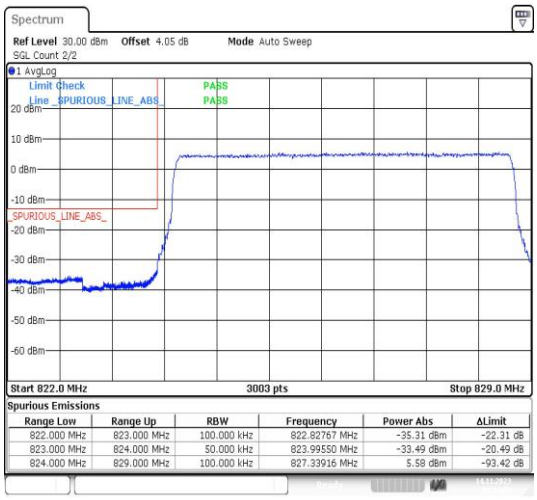

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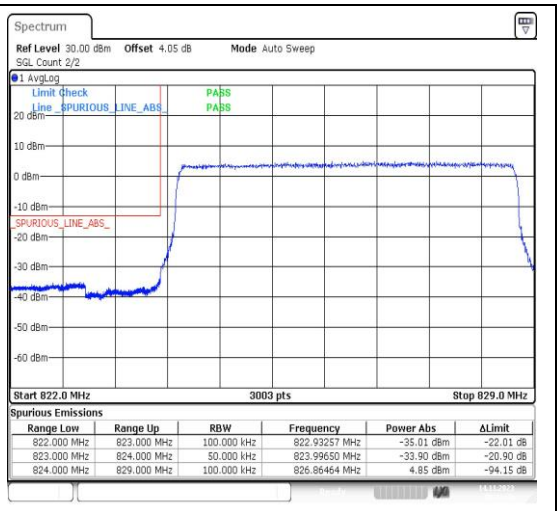

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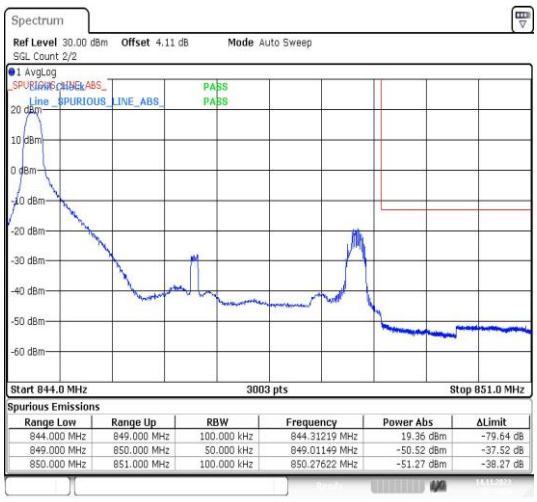

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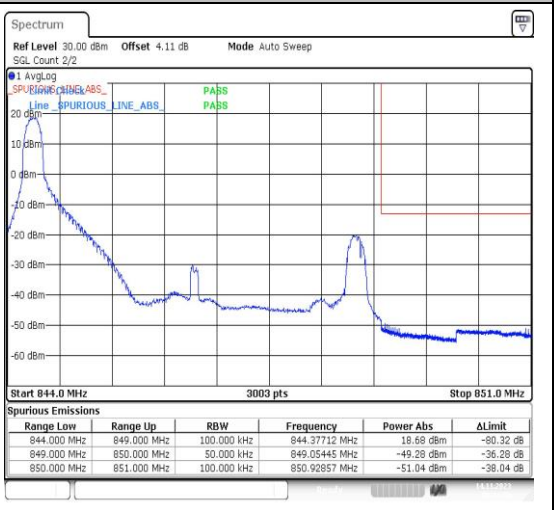

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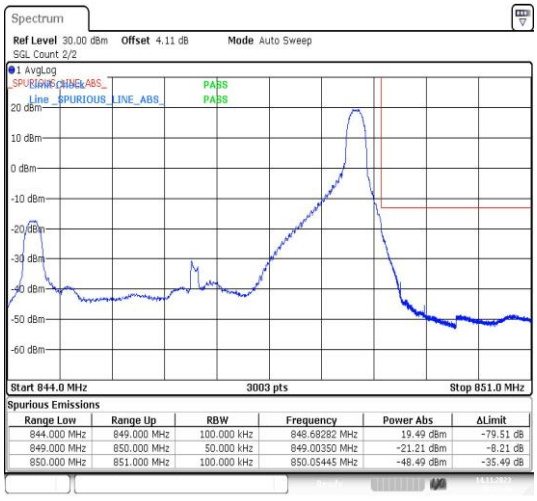

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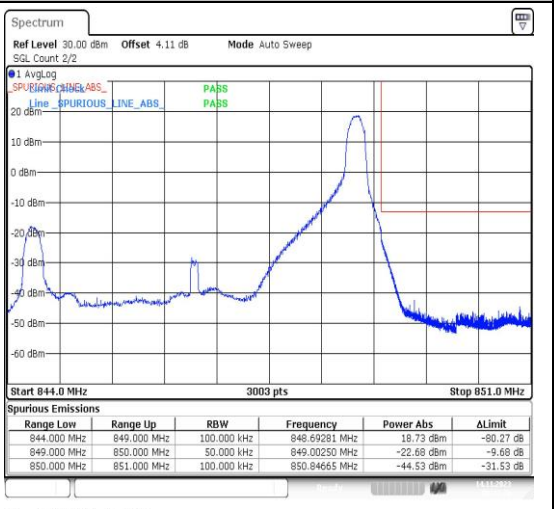

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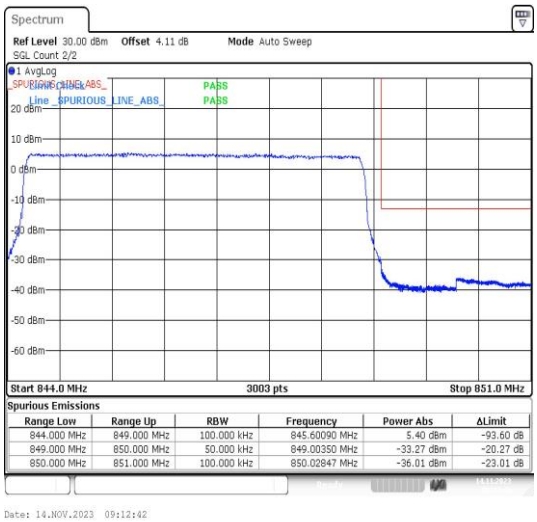

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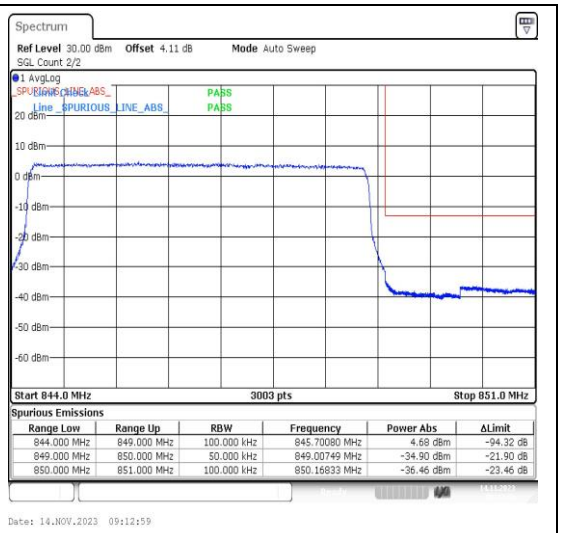

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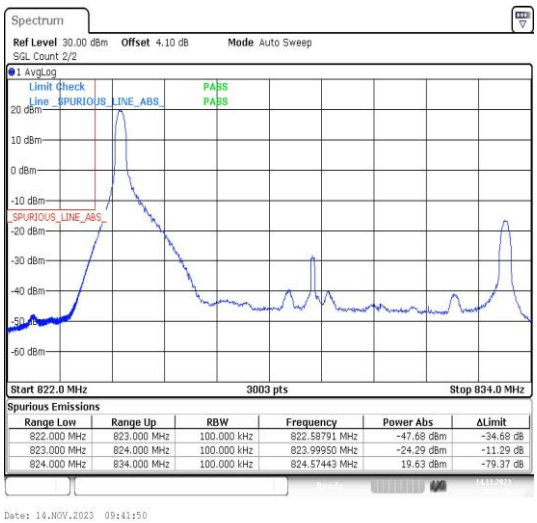

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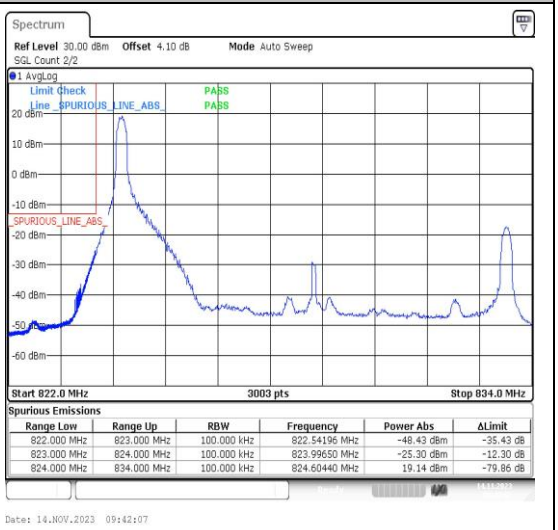

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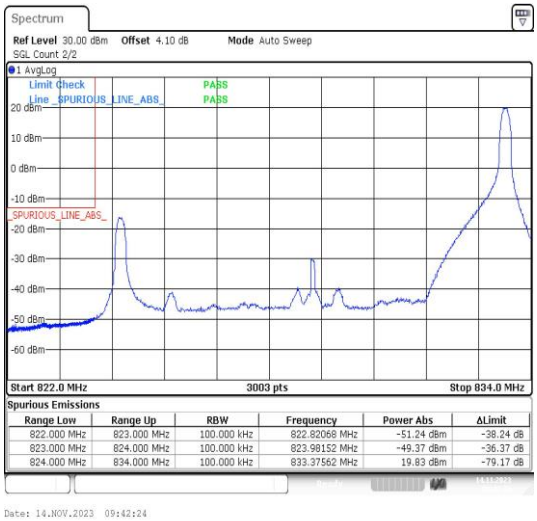

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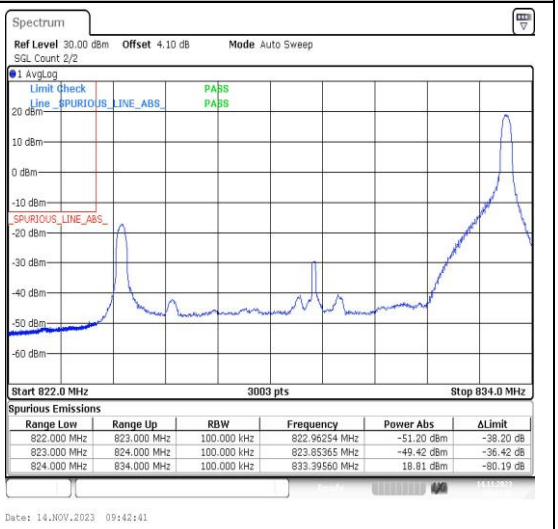

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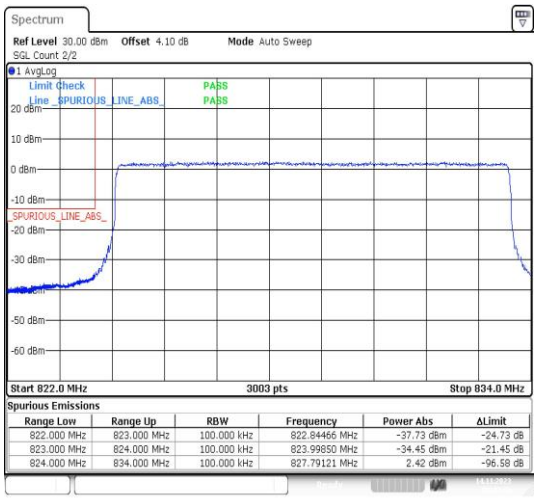

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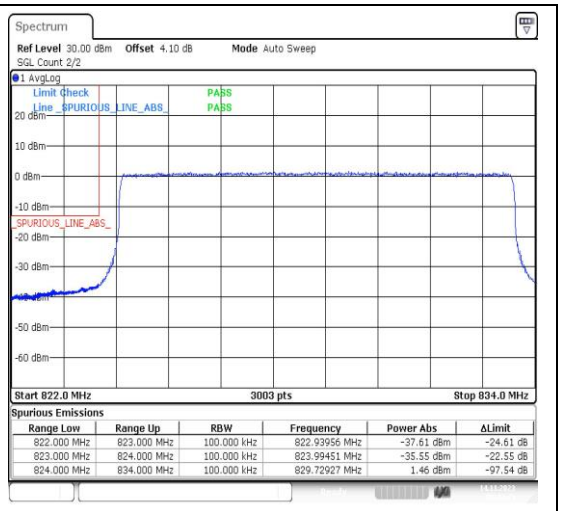

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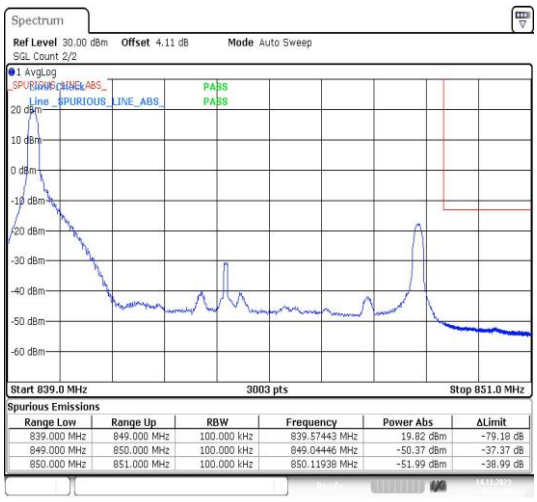

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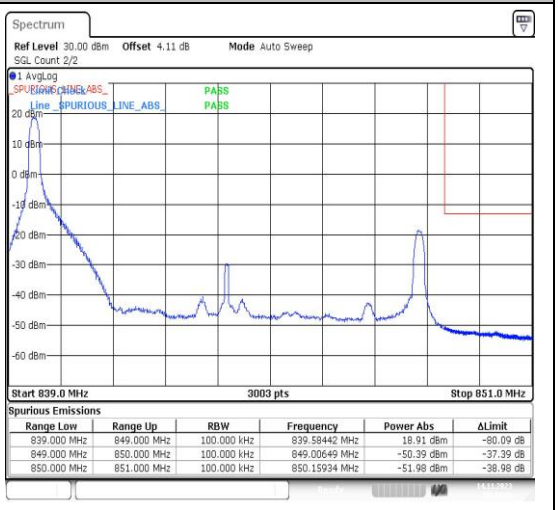

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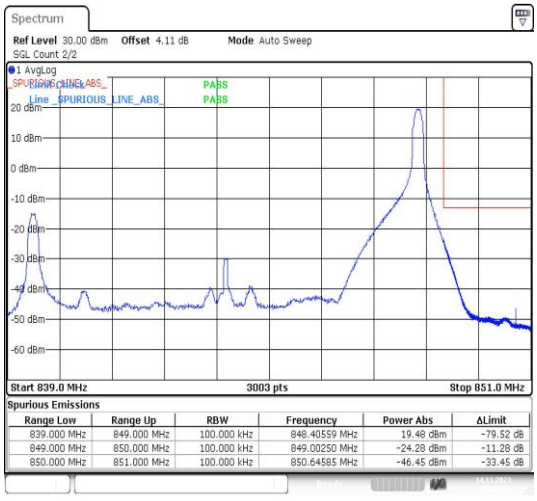

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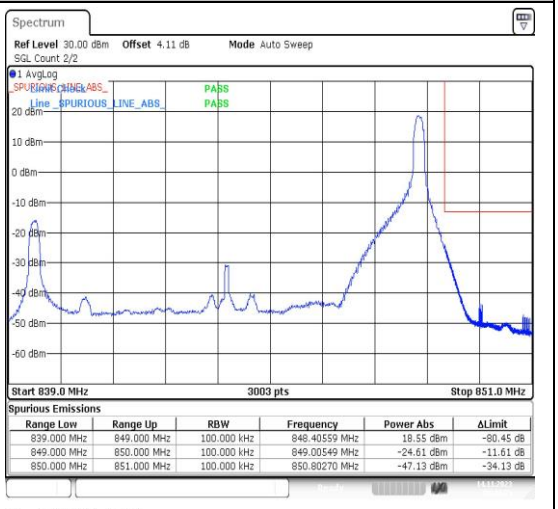

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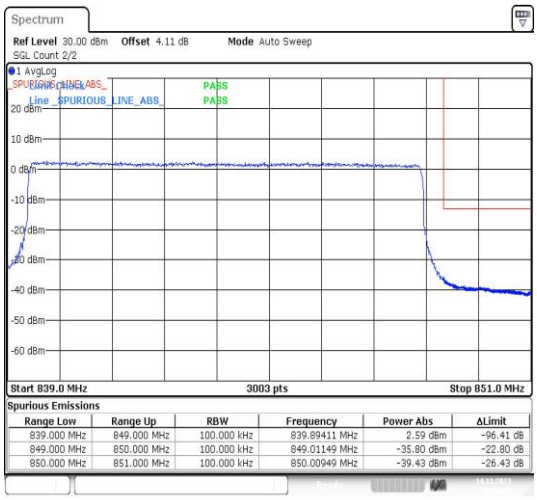

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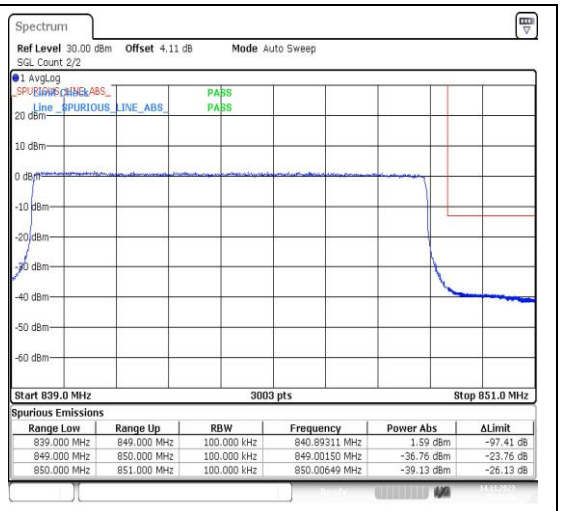

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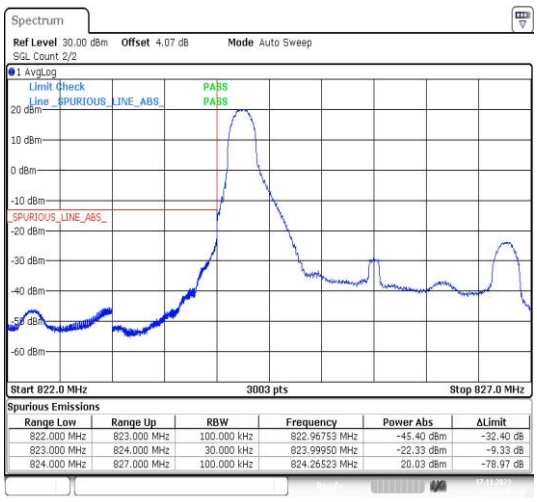

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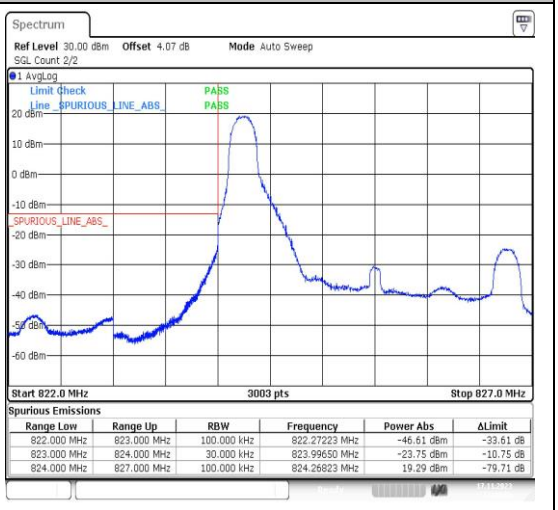

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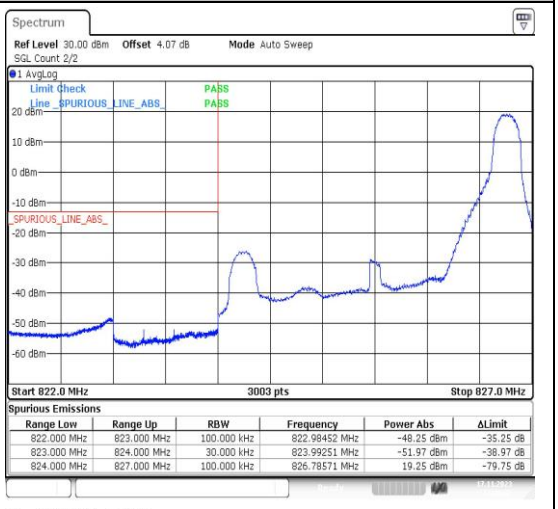

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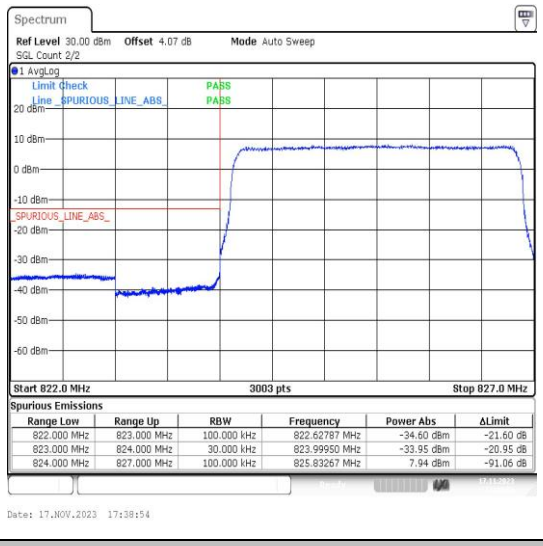

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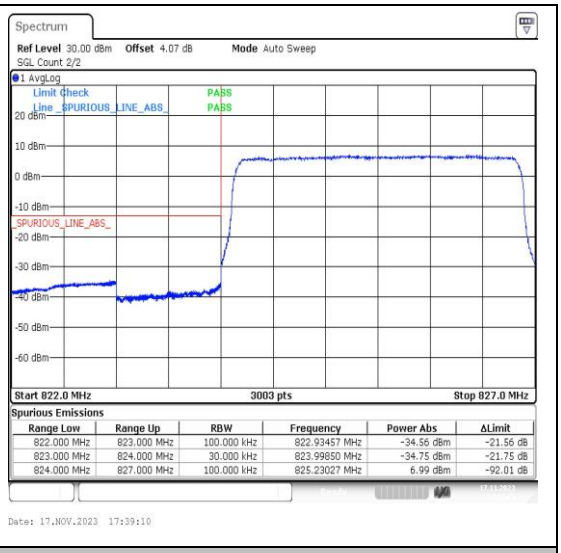

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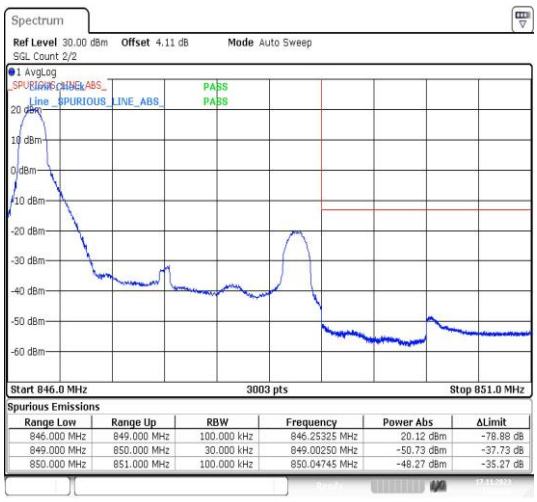

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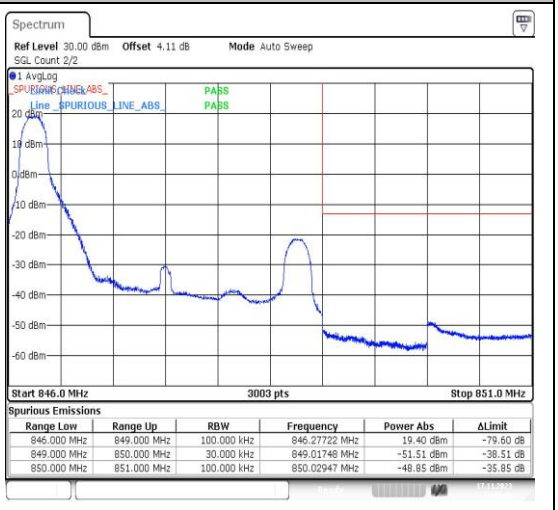

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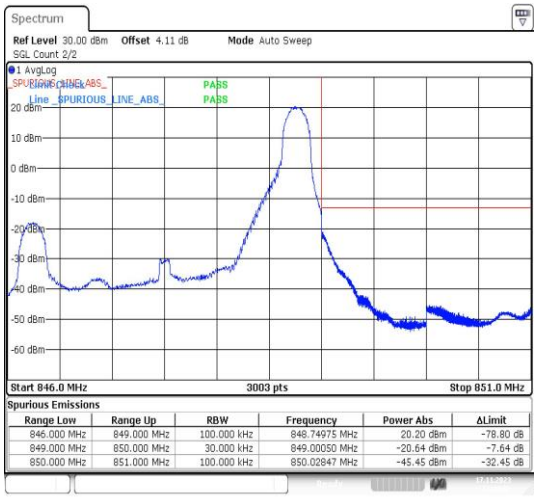

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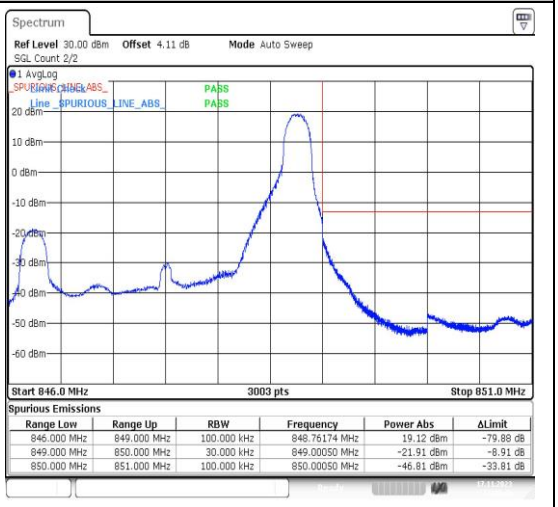

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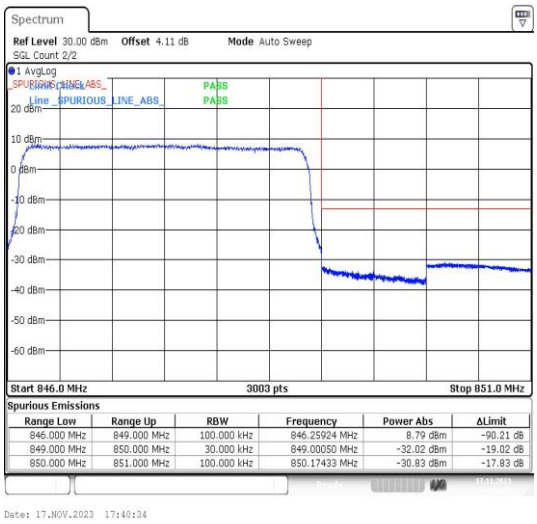

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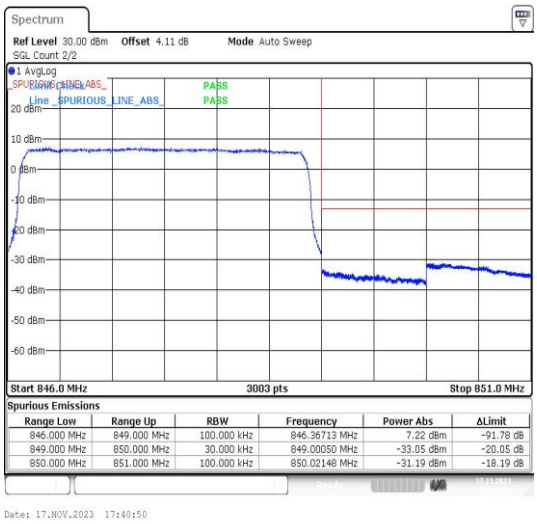


Band5_3MHz_16QAM_20635_15RB#0

Appendix E: Conducted Spurious Emission

Test Result

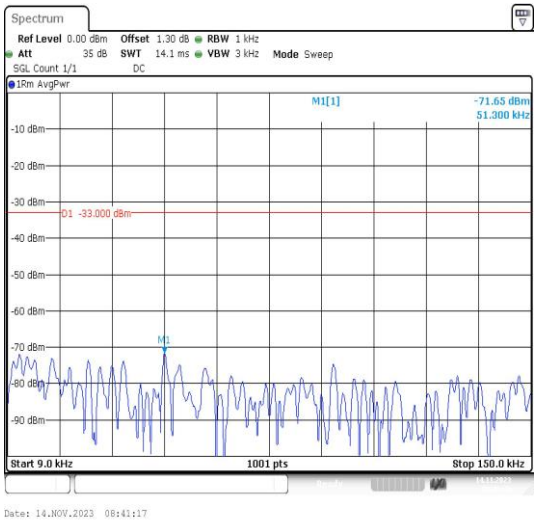
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	0.009~0.15	-71.65	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	0.15~30	-74.89	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	30~1000	-52.47	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	1000~3000	-50.93	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	3000~10000	-39.83	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.009~0.15	-71.15	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	0.15~30	-74.05	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	30~1000	-51.38	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	1000~3000	-50.87	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	3000~10000	-39.87	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.009~0.15	-69.75	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	0.15~30	-74.23	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	30~1000	-51.89	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	1000~3000	-50.88	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	3000~10000	-39.87	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.009~0.15	-71.85	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	0.15~30	-75.09	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	30~1000	-53.14	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	1000~3000	-50.87	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	3000~10000	-39.83	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.009~0.15	-68.51	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	0.15~30	-74.32	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	30~1000	-50.85	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	1000~3000	-50.94	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	3000~10000	-39.92	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.009~0.15	-70.70	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	0.15~30	-73.41	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	30~1000	-52.66	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	1000~3000	-50.93	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	3000~10000	-39.79	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.009~0.15	-73.71	PASS
Band5	5MHz	QPSK	20425	1RB#0	0.15~30	-73.87	PASS
Band5	5MHz	QPSK	20425	1RB#0	30~1000	-64.95	PASS
Band5	5MHz	QPSK	20425	1RB#0	1000~3000	-50.78	PASS
Band5	5MHz	QPSK	20425	1RB#0	3000~10000	-39.72	PASS

Band5	5MHz	16QAM	20425	1RB#0	0.009~0.15	-70.49	PASS
Band5	5MHz	16QAM	20425	1RB#0	0.15~30	-74.70	PASS
Band5	5MHz	16QAM	20425	1RB#0	30~1000	-65.16	PASS
Band5	5MHz	16QAM	20425	1RB#0	1000~3000	-50.82	PASS
Band5	5MHz	16QAM	20425	1RB#0	3000~10000	-39.80	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.009~0.15	-71.94	PASS
Band5	5MHz	QPSK	20525	1RB#0	0.15~30	-74.47	PASS
Band5	5MHz	QPSK	20525	1RB#0	30~1000	-64.56	PASS
Band5	5MHz	QPSK	20525	1RB#0	1000~3000	-50.76	PASS
Band5	5MHz	QPSK	20525	1RB#0	3000~10000	-39.79	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.009~0.15	-67.89	PASS
Band5	5MHz	16QAM	20525	1RB#0	0.15~30	-74.29	PASS
Band5	5MHz	16QAM	20525	1RB#0	30~1000	-65.23	PASS
Band5	5MHz	16QAM	20525	1RB#0	1000~3000	-50.79	PASS
Band5	5MHz	16QAM	20525	1RB#0	3000~10000	-39.73	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.009~0.15	-74.06	PASS
Band5	5MHz	QPSK	20625	1RB#0	0.15~30	-75.05	PASS
Band5	5MHz	QPSK	20625	1RB#0	30~1000	-63.16	PASS
Band5	5MHz	QPSK	20625	1RB#0	1000~3000	-50.81	PASS
Band5	5MHz	QPSK	20625	1RB#0	3000~10000	-39.94	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.009~0.15	-72.20	PASS
Band5	5MHz	16QAM	20625	1RB#0	0.15~30	-74.19	PASS
Band5	5MHz	16QAM	20625	1RB#0	30~1000	-65.09	PASS
Band5	5MHz	16QAM	20625	1RB#0	1000~3000	-50.91	PASS
Band5	5MHz	16QAM	20625	1RB#0	3000~10000	-39.86	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.009~0.15	-72.33	PASS
Band5	10MHz	QPSK	20450	1RB#0	0.15~30	-75.68	PASS
Band5	10MHz	QPSK	20450	1RB#0	30~1000	-65.59	PASS
Band5	10MHz	QPSK	20450	1RB#0	1000~3000	-50.76	PASS
Band5	10MHz	QPSK	20450	1RB#0	3000~10000	-39.75	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.009~0.15	-71.22	PASS
Band5	10MHz	16QAM	20450	1RB#0	0.15~30	-75.29	PASS
Band5	10MHz	16QAM	20450	1RB#0	30~1000	-65.33	PASS
Band5	10MHz	16QAM	20450	1RB#0	1000~3000	-50.87	PASS
Band5	10MHz	16QAM	20450	1RB#0	3000~10000	-39.85	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.009~0.15	-72.20	PASS
Band5	10MHz	QPSK	20525	1RB#0	0.15~30	-73.84	PASS
Band5	10MHz	QPSK	20525	1RB#0	30~1000	-65.35	PASS
Band5	10MHz	QPSK	20525	1RB#0	1000~3000	-50.86	PASS
Band5	10MHz	QPSK	20525	1RB#0	3000~10000	-39.85	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.009~0.15	-69.63	PASS
Band5	10MHz	16QAM	20525	1RB#0	0.15~30	-74.52	PASS

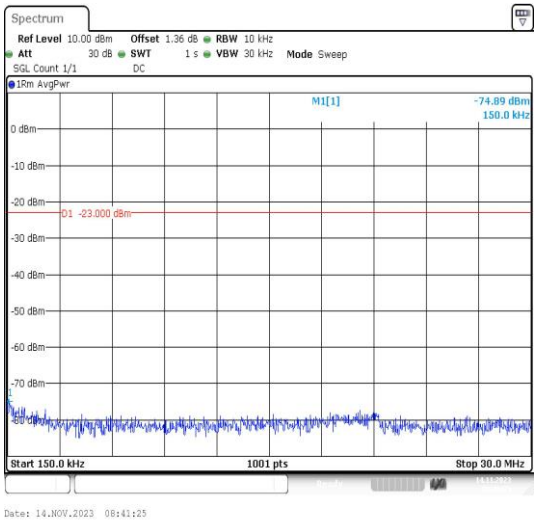
Band5	10MHz	16QAM	20525	1RB#0	30~1000	-65.44	PASS
Band5	10MHz	16QAM	20525	1RB#0	1000~3000	-50.86	PASS
Band5	10MHz	16QAM	20525	1RB#0	3000~10000	-39.84	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.009~0.15	-71.82	PASS
Band5	10MHz	QPSK	20600	1RB#0	0.15~30	-74.95	PASS
Band5	10MHz	QPSK	20600	1RB#0	30~1000	-65.39	PASS
Band5	10MHz	QPSK	20600	1RB#0	1000~3000	-50.87	PASS
Band5	10MHz	QPSK	20600	1RB#0	3000~10000	-39.91	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.009~0.15	-70.95	PASS
Band5	10MHz	16QAM	20600	1RB#0	0.15~30	-75.56	PASS
Band5	10MHz	16QAM	20600	1RB#0	30~1000	-65.31	PASS
Band5	10MHz	16QAM	20600	1RB#0	1000~3000	-50.93	PASS
Band5	10MHz	16QAM	20600	1RB#0	3000~10000	-39.69	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.009~0.15	-56.12	PASS
Band5	3MHz	QPSK	20415	1RB#0	0.15~30	-74.38	PASS
Band5	3MHz	QPSK	20415	1RB#0	30~1000	-58.11	PASS
Band5	3MHz	QPSK	20415	1RB#0	1000~3000	-50.78	PASS
Band5	3MHz	QPSK	20415	1RB#0	3000~10000	-39.89	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.009~0.15	-55.59	PASS
Band5	3MHz	16QAM	20415	1RB#0	0.15~30	-75.22	PASS
Band5	3MHz	16QAM	20415	1RB#0	30~1000	-58.98	PASS
Band5	3MHz	16QAM	20415	1RB#0	1000~3000	-50.80	PASS
Band5	3MHz	16QAM	20415	1RB#0	3000~10000	-39.79	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.009~0.15	-59.38	PASS
Band5	3MHz	QPSK	20525	1RB#0	0.15~30	-72.21	PASS
Band5	3MHz	QPSK	20525	1RB#0	30~1000	-59.63	PASS
Band5	3MHz	QPSK	20525	1RB#0	1000~3000	-50.82	PASS
Band5	3MHz	QPSK	20525	1RB#0	3000~10000	-39.89	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.009~0.15	-55.94	PASS
Band5	3MHz	16QAM	20525	1RB#0	0.15~30	-74.30	PASS
Band5	3MHz	16QAM	20525	1RB#0	30~1000	-59.01	PASS
Band5	3MHz	16QAM	20525	1RB#0	1000~3000	-50.67	PASS
Band5	3MHz	16QAM	20525	1RB#0	3000~10000	-39.82	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.009~0.15	-57.07	PASS
Band5	3MHz	QPSK	20635	1RB#0	0.15~30	-73.58	PASS
Band5	3MHz	QPSK	20635	1RB#0	30~1000	-60.49	PASS
Band5	3MHz	QPSK	20635	1RB#0	1000~3000	-50.76	PASS
Band5	3MHz	QPSK	20635	1RB#0	3000~10000	-39.92	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.009~0.15	-53.92	PASS
Band5	3MHz	16QAM	20635	1RB#0	0.15~30	-74.06	PASS
Band5	3MHz	16QAM	20635	1RB#0	30~1000	-58.58	PASS
Band5	3MHz	16QAM	20635	1RB#0	1000~3000	-50.74	PASS

Band5	3MHz	16QAM	20635	1RB#0	3000~10000	-39.82	PASS

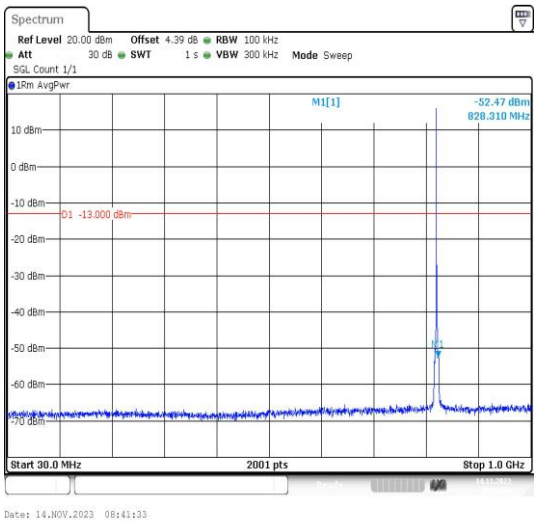
Test Graphs



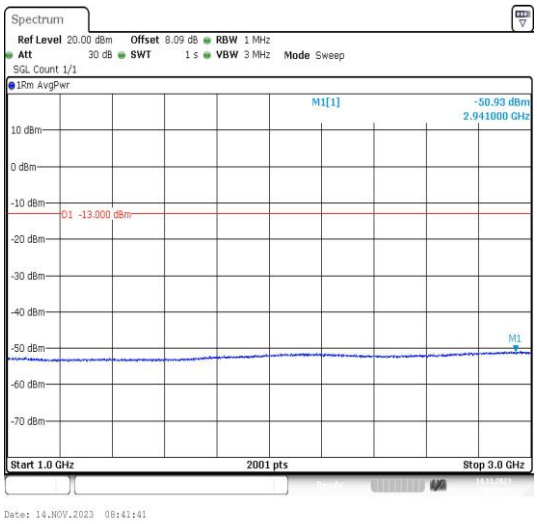
Band5_1.4MHz_QPSK_20407_1RB#0_0.009~0.15_0.009~0.15



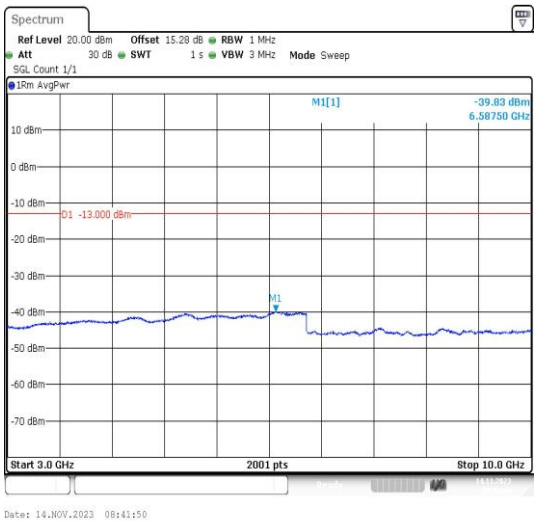
Band5_1.4MHz_QPSK_20407_1RB#0_0.15~30_0.15~30



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



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



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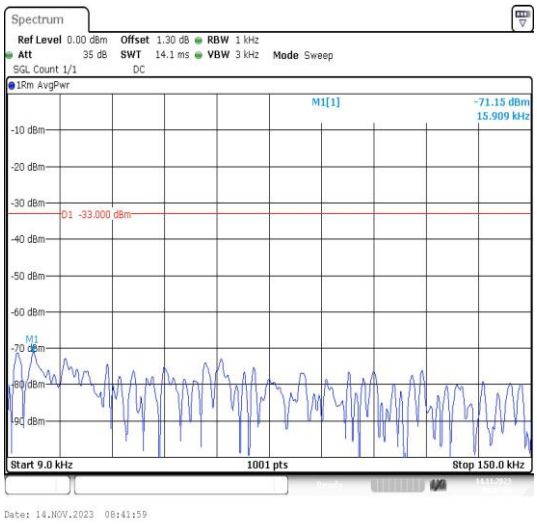

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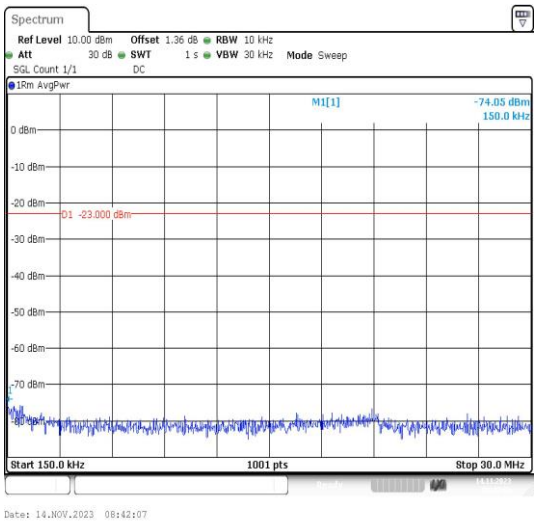

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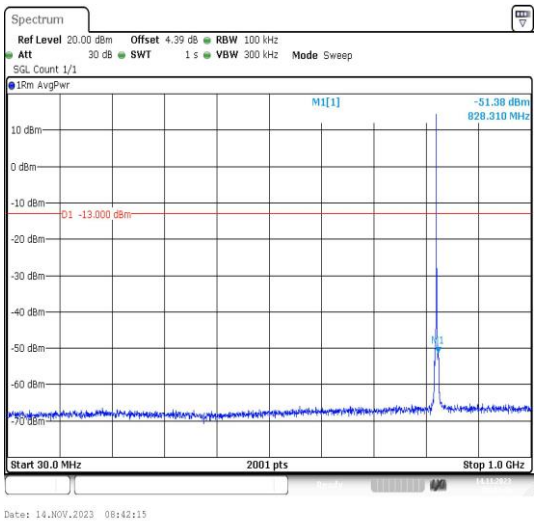

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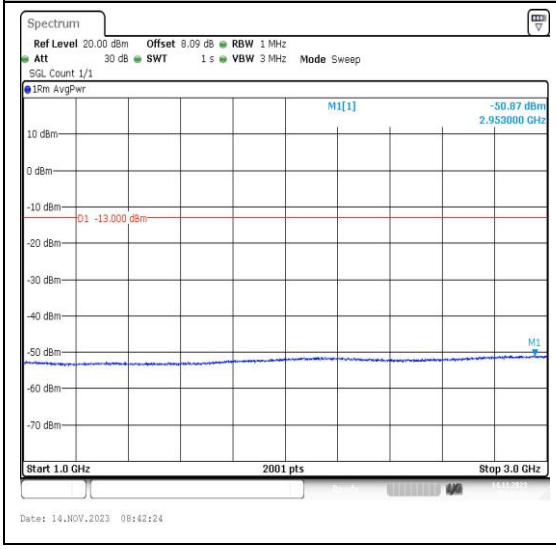
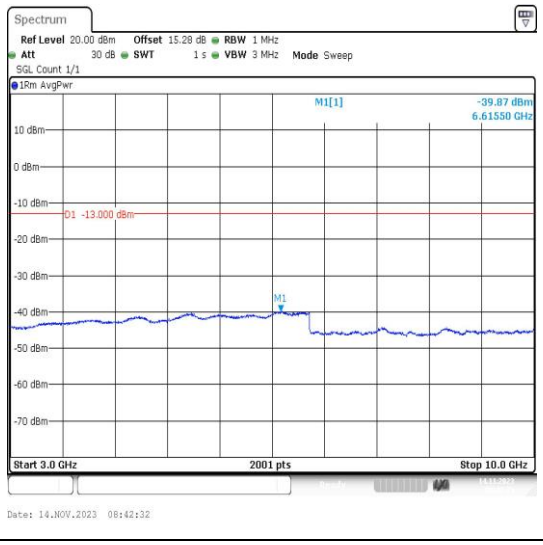
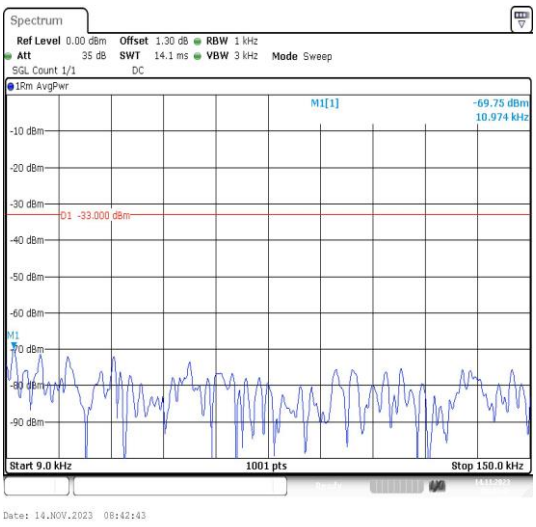
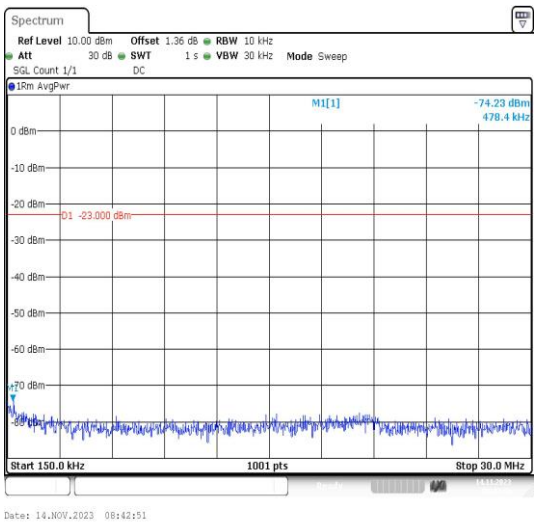
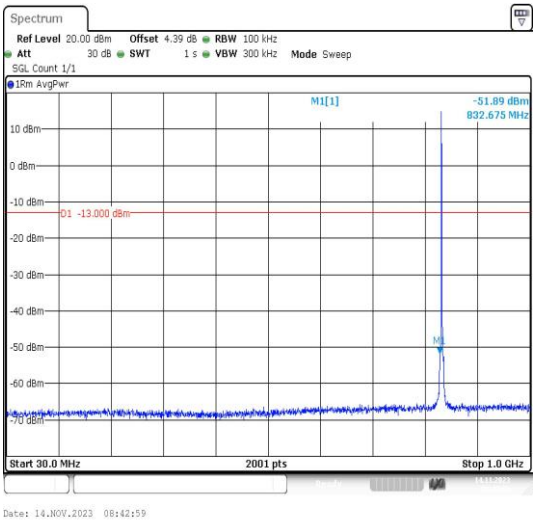
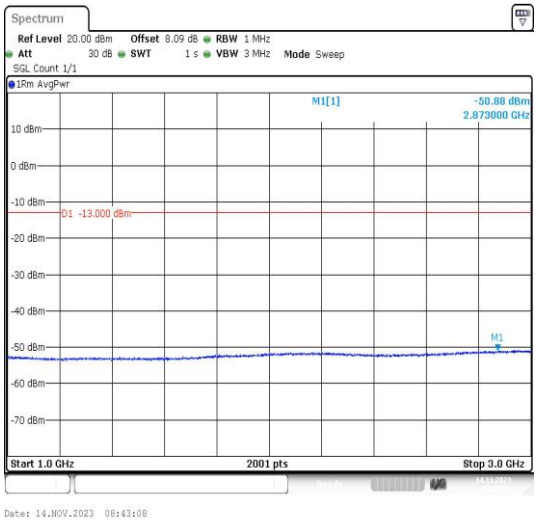
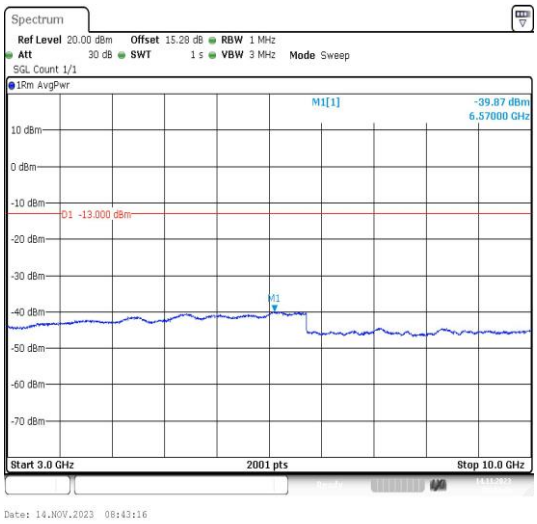
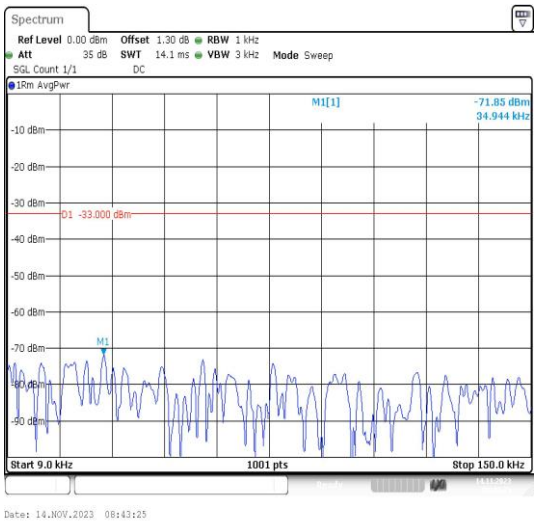




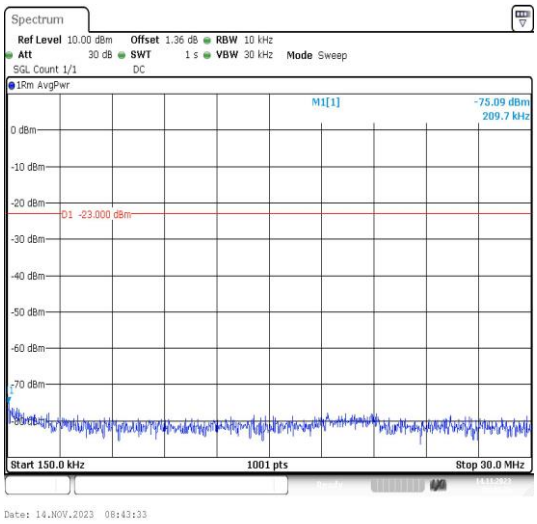
Band5_1.4MHz_16QAM_20407_1RB#0_1000~3000_1000~3000	Band5_1.4MHz_16QAM_20407_1RB#0_3000~10000_3000~10000
	
Band5_1.4MHz_QPSK_20525_1RB#0_0.009~0.15_0.009~0.15	Band5_1.4MHz_QPSK_20525_1RB#0_0.15~30_0.15~30
	
Band5_1.4MHz_QPSK_20525_1RB#0_30~1000_30~1000	Band5_1.4MHz_QPSK_20525_1RB#0_1000~3000_1000~3000



Band5_1.4MHz_QPSK_20525_1RB#0_3000~10000_3000~10000



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



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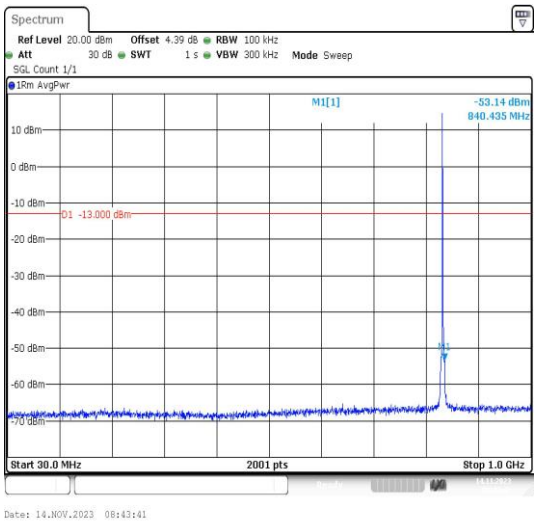
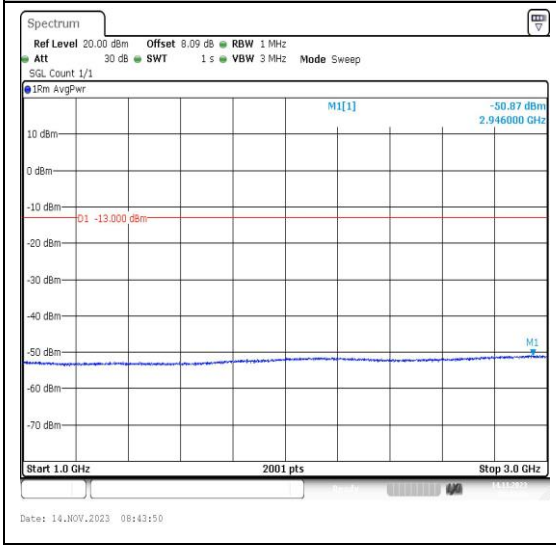
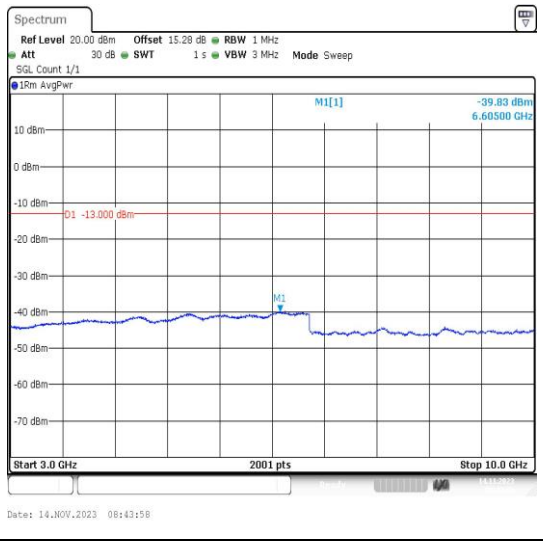
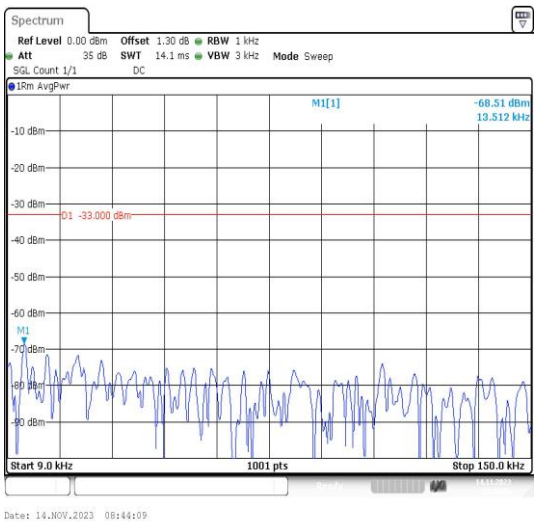
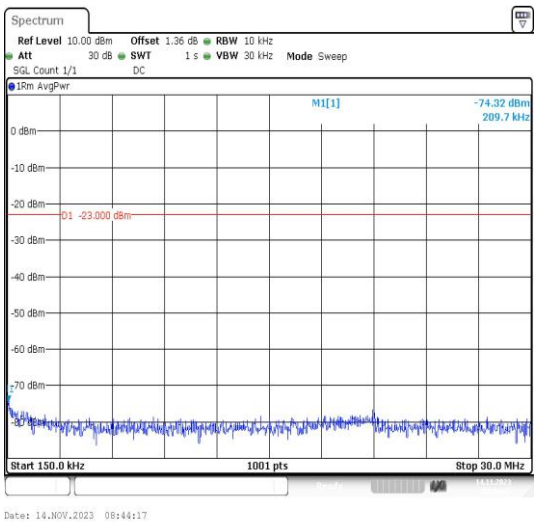
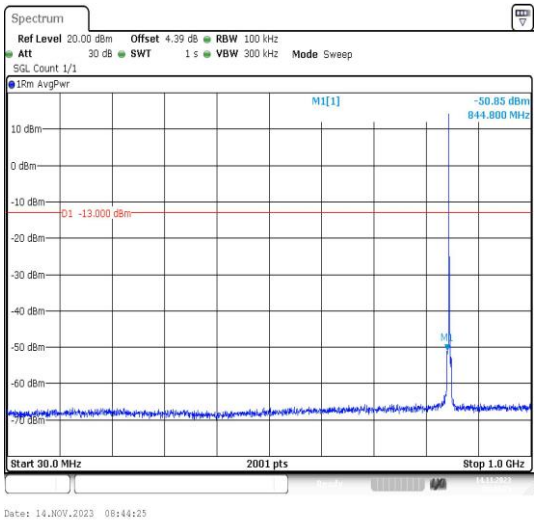
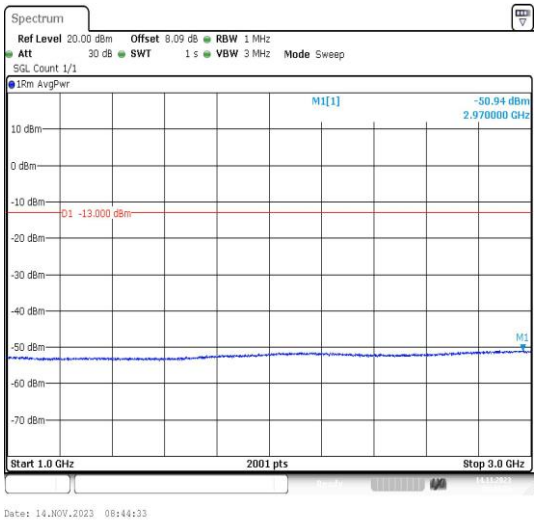


Band5_1.4MHz_16QAM_20525_1RB#0_30~1000_30~1000





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
	
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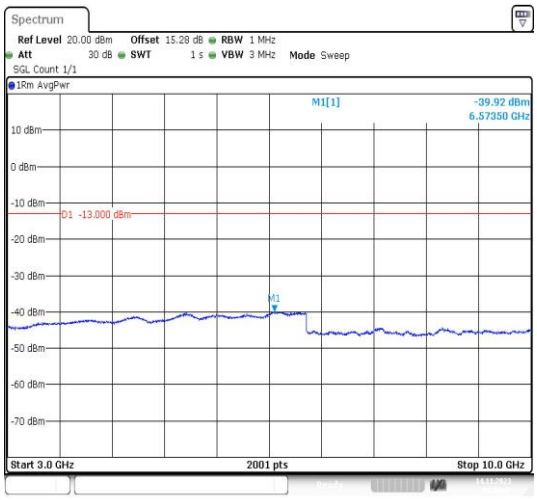
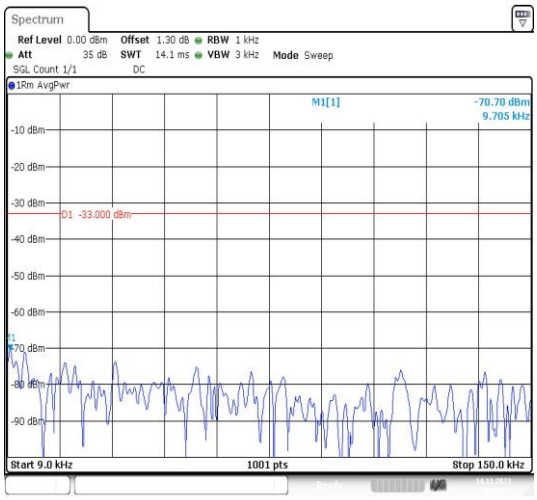
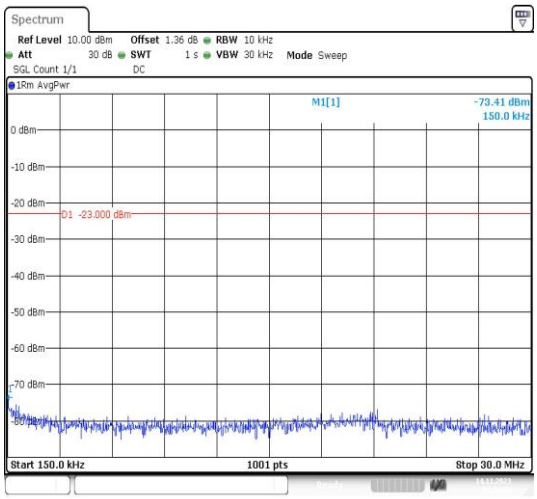


Band5_1.4MHz_QPSK_20643_1RB#0_3000~10000_3000~10000



Band5_1.4MHz_16QAM_20643_1RB#0_0.009~0.15_0.009~0.15



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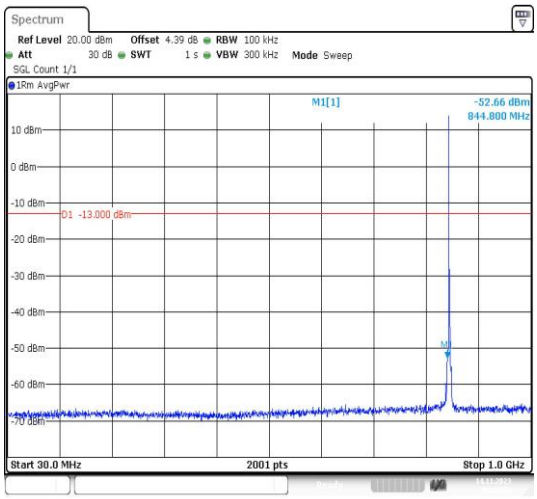

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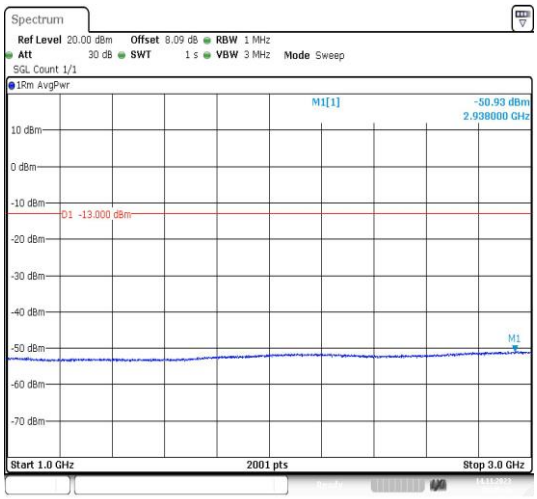
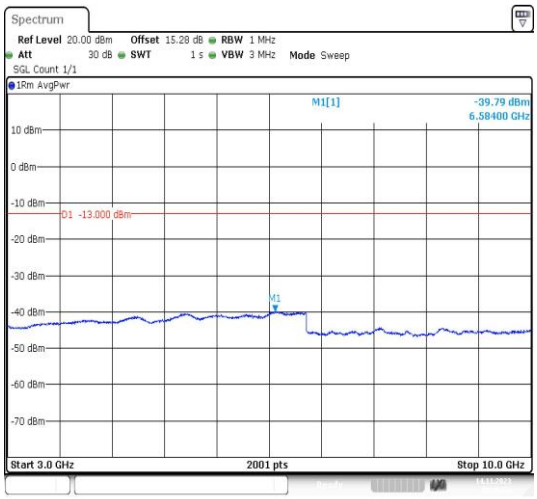
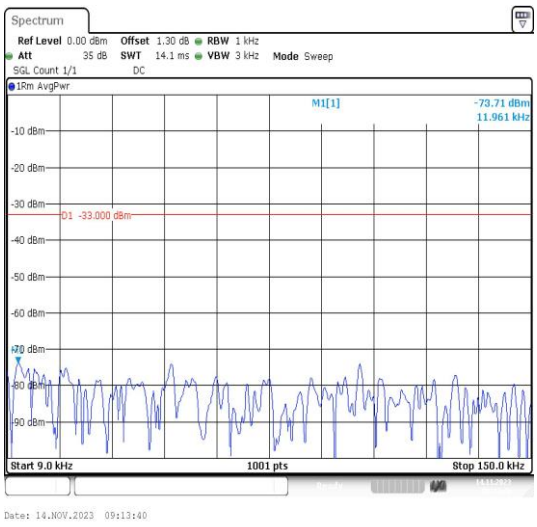
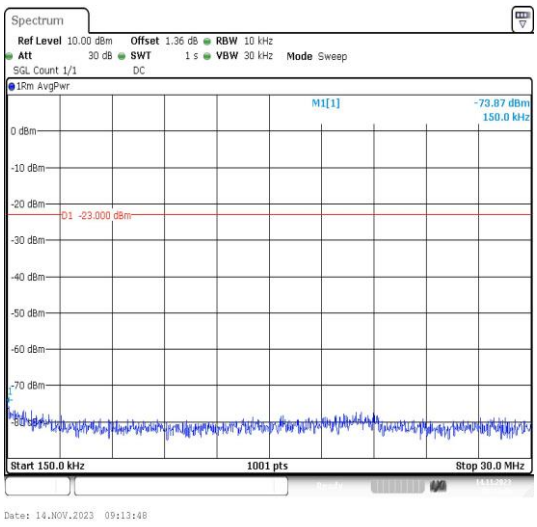
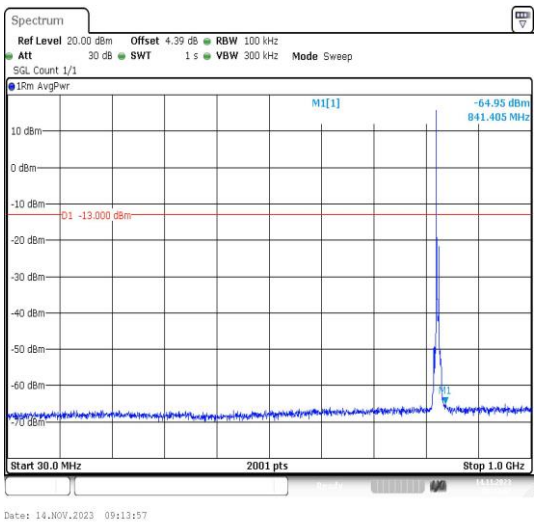
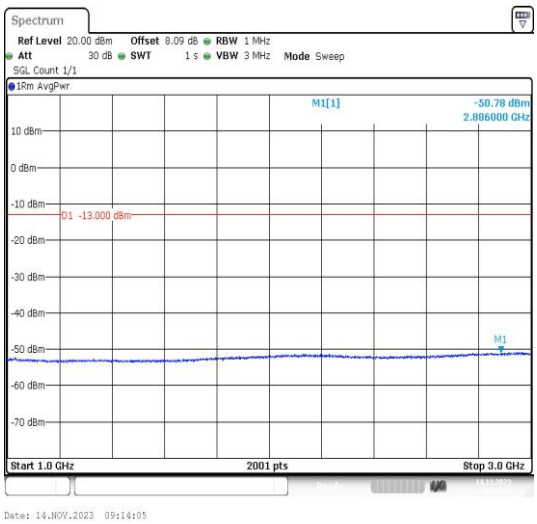
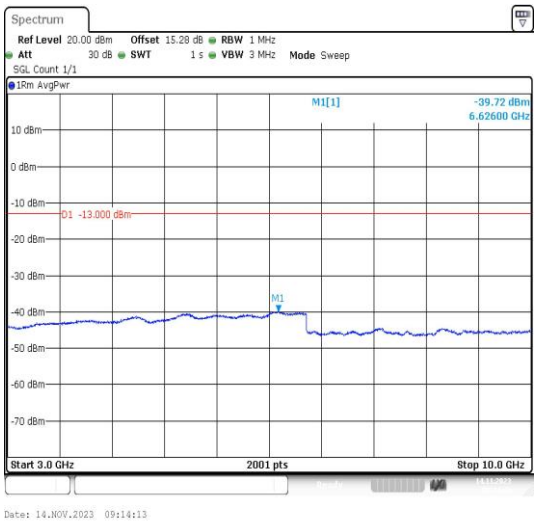
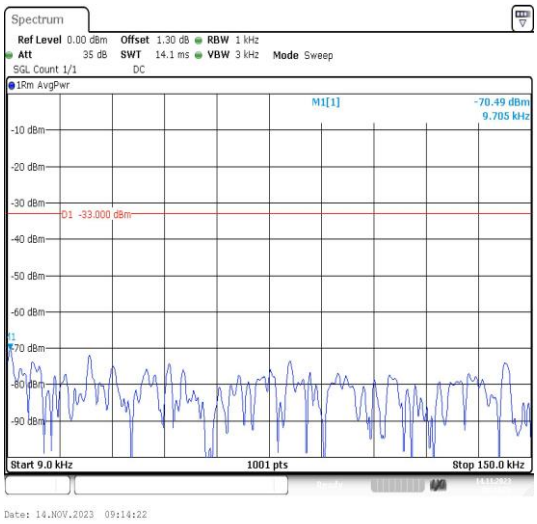




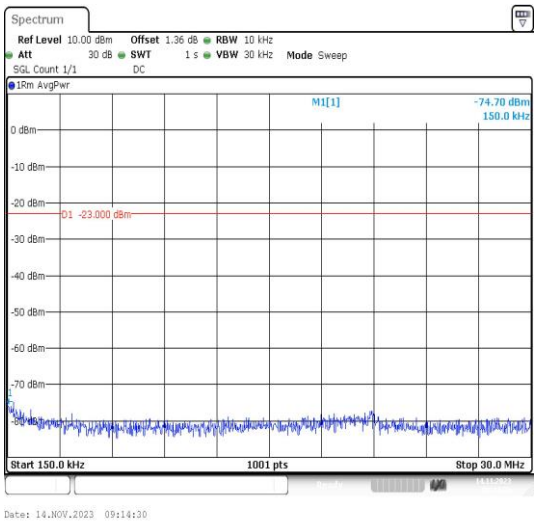
Band5_1.4MHz_16QAM_20643_1RB#0_1000~3000_1000~3000	Band5_1.4MHz_16QAM_20643_1RB#0_3000~10000_3000~10000
	
Band5_5MHz_QPSK_20425_1RB#0_0.009~0.15_0.009~0.15	Band5_5MHz_QPSK_20425_1RB#0_0.15~30_0.15~30
	
Band5_5MHz_QPSK_20425_1RB#0_30~1000_30~1000	Band5_5MHz_QPSK_20425_1RB#0_1000~3000_1000~3000



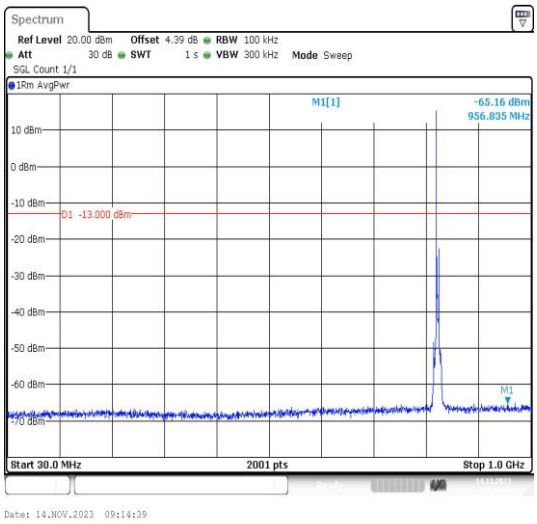
Band5_5MHz_QPSK_20425_1RB#0_3000~10000_3000~10000



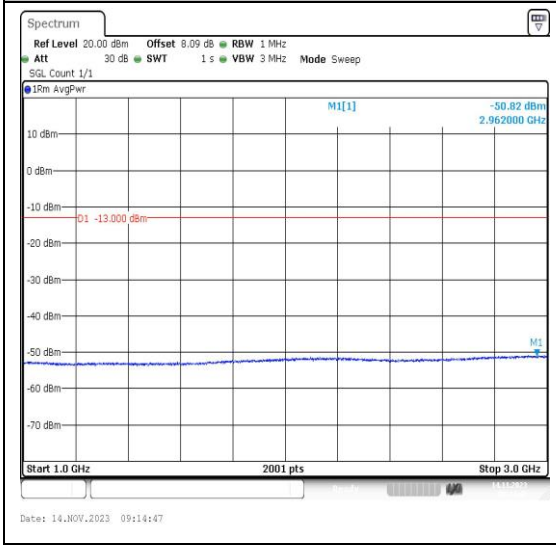
Band5_5MHz_16QAM_20425_1RB#0_0.009~0.15_0.009~0.15

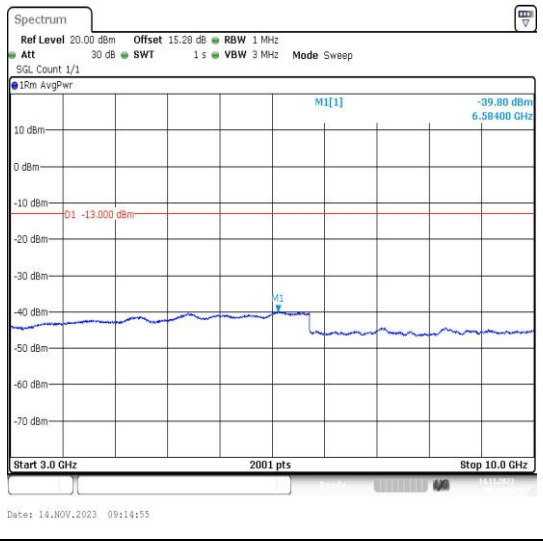


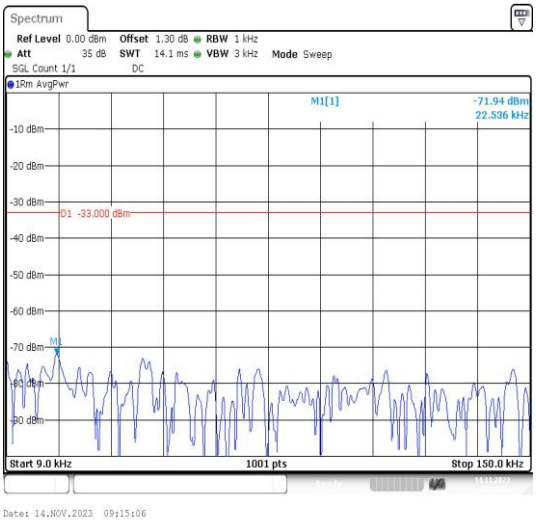
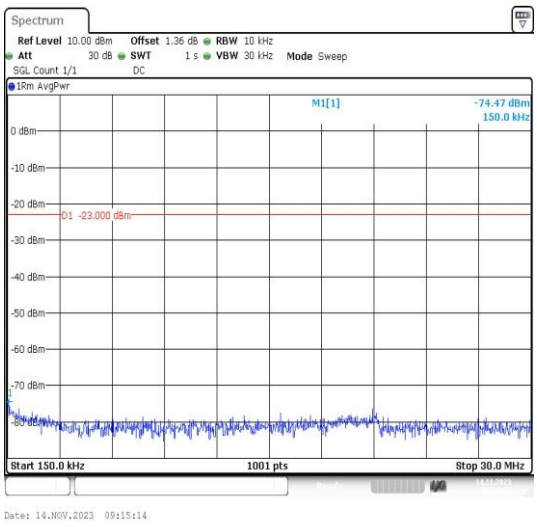
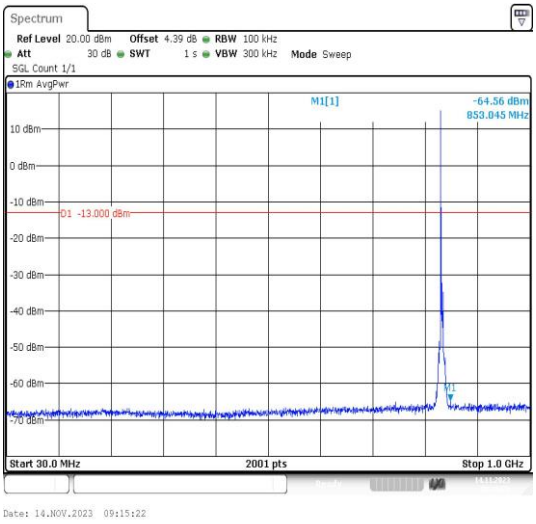
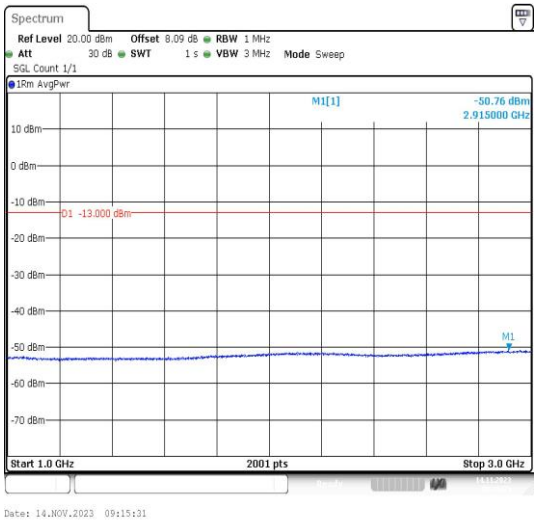
Band5_5MHz_16QAM_20425_1RB#0_0.15~30_0.15~30

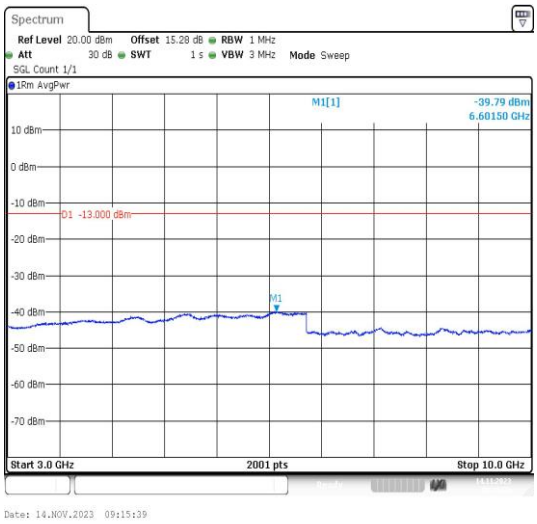


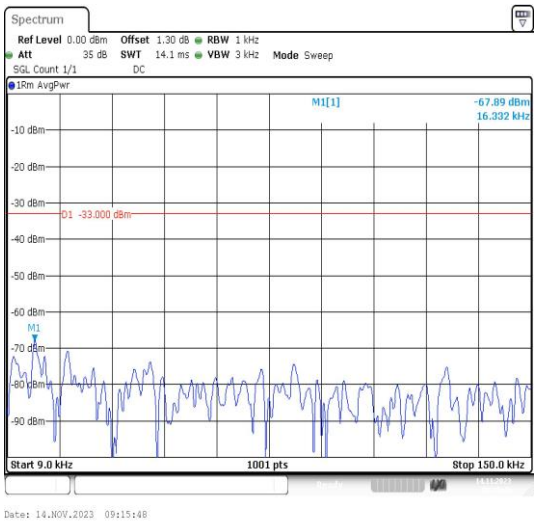
Band5_5MHz_16QAM_20425_1RB#0_30~1000_30~1000



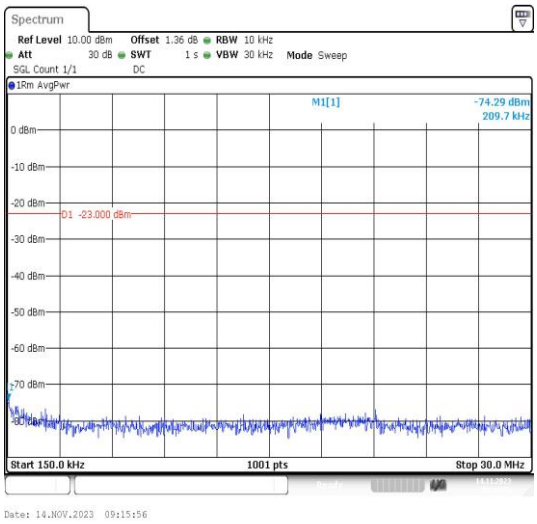


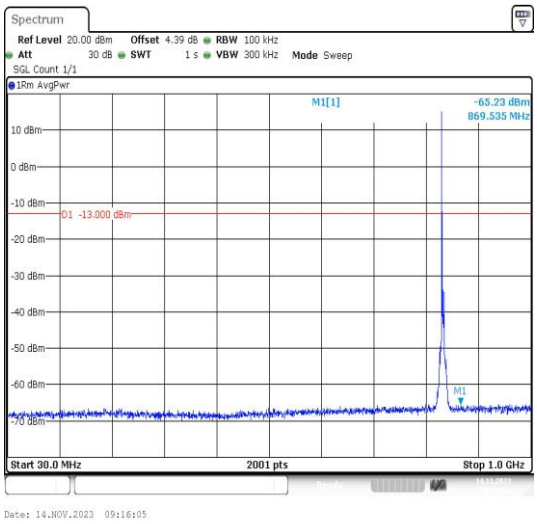
Band5_5MHz_16QAM_20425_1RB#0_1000~3000_1000~3000	Band5_5MHz_16QAM_20425_1RB#0_3000~10000_3000~10000
	
Band5_5MHz_QPSK_20525_1RB#0_0.009~0.15_0.009~0.15	Band5_5MHz_QPSK_20525_1RB#0_0.15~30_0.15~30
	
Band5_5MHz_QPSK_20525_1RB#0_30~1000_30~1000	Band5_5MHz_QPSK_20525_1RB#0_1000~3000_1000~3000



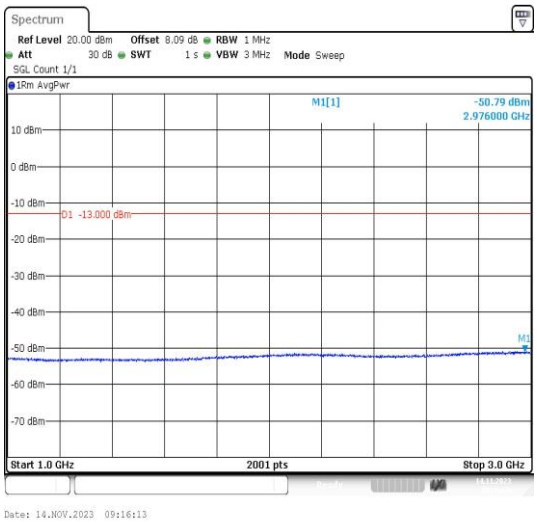


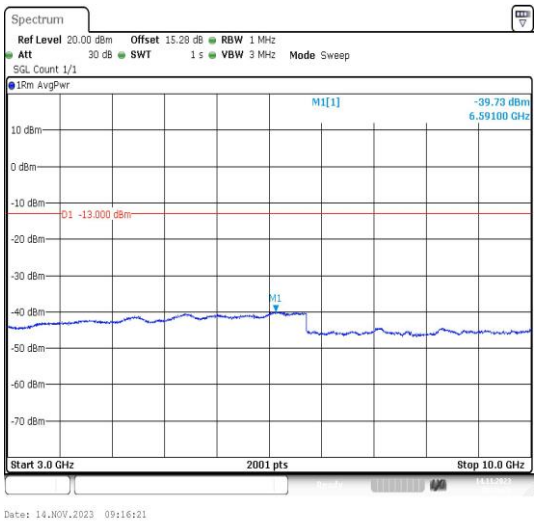
Band5_5MHz_QPSK_20525_1RB#0_3000~10000_3000~10000	Band5_5MHz_16QAM_20525_1RB#0_0.009~0.15_0.009~0.15

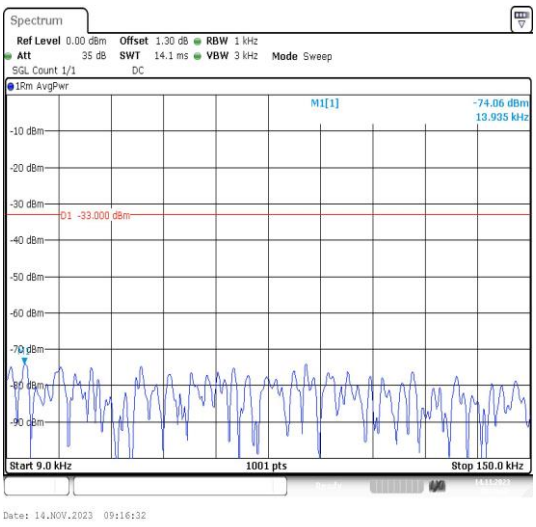
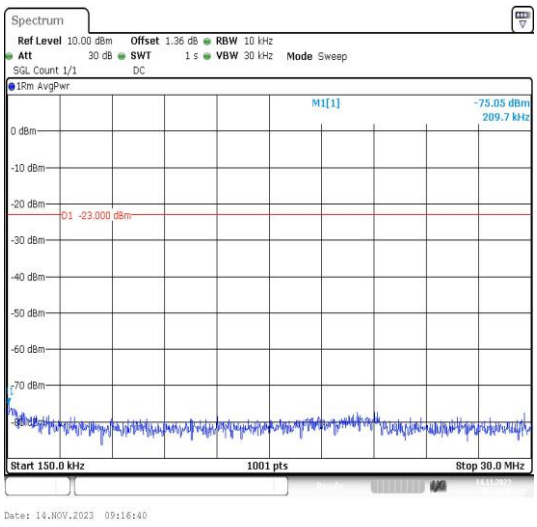
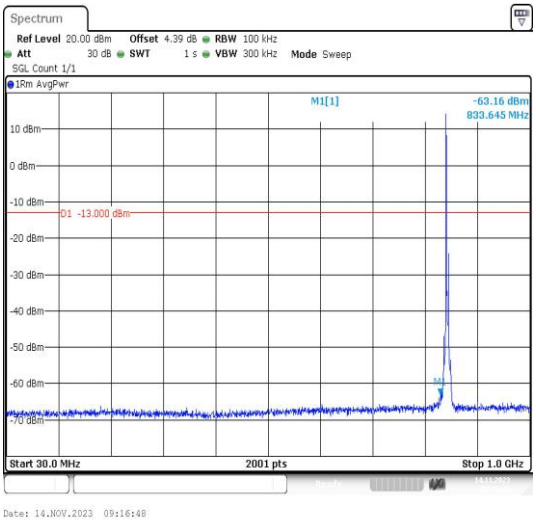
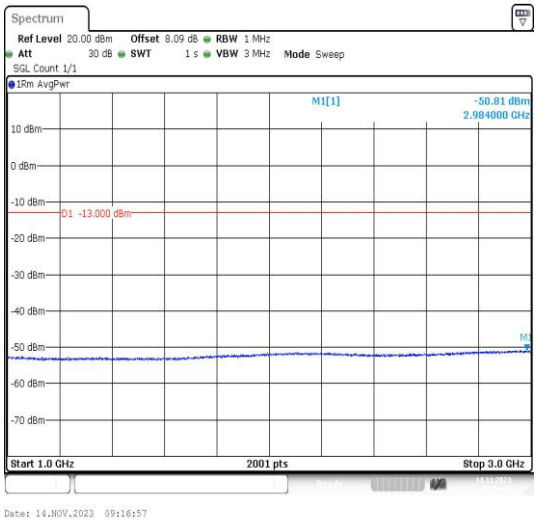


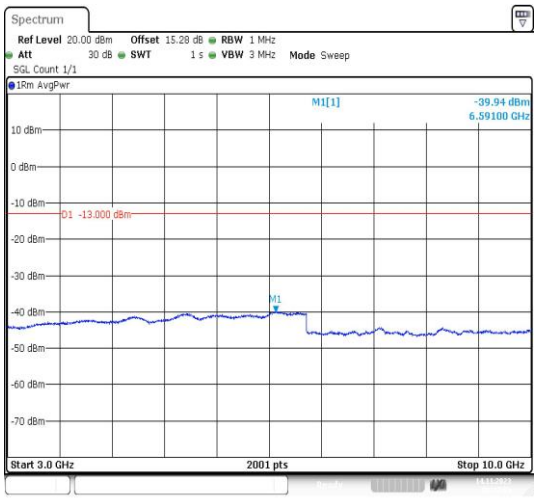


Band5_5MHz_16QAM_20525_1RB#0_0.15~30_0.15~30	Band5_5MHz_16QAM_20525_1RB#0_30~1000_30~1000

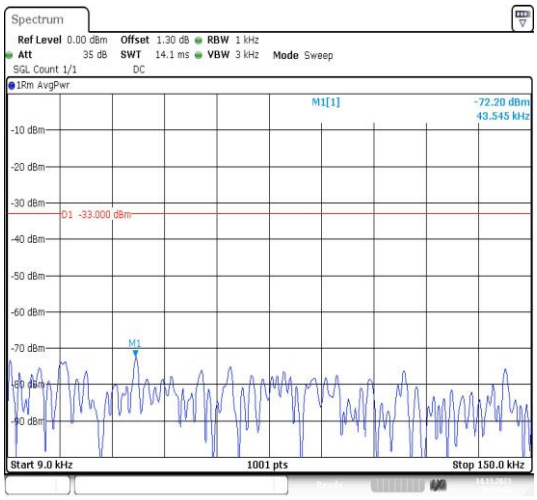




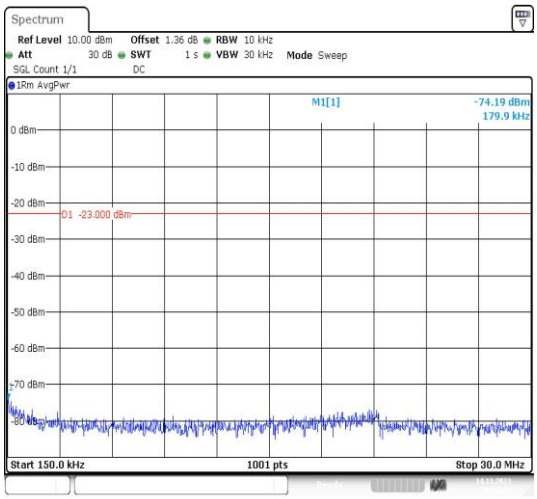
Band5_5MHz_16QAM_20525_1RB#0_1000~3000_1000~3000	Band5_5MHz_16QAM_20525_1RB#0_3000~10000_3000~10000
	
Band5_5MHz_QPSK_20625_1RB#0_0.009~0.15_0.009~0.15	Band5_5MHz_QPSK_20625_1RB#0_0.15~30_0.15~30
	
Band5_5MHz_QPSK_20625_1RB#0_30~1000_30~1000	Band5_5MHz_QPSK_20625_1RB#0_1000~3000_1000~3000



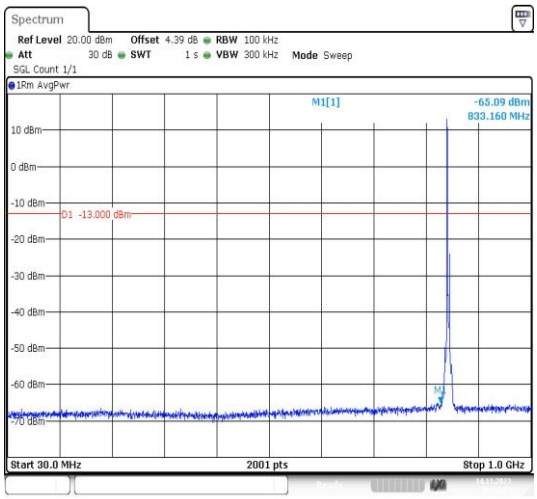
Band5_5MHz_QPSK_20625_1RB#0_3000~10000_3000~10000



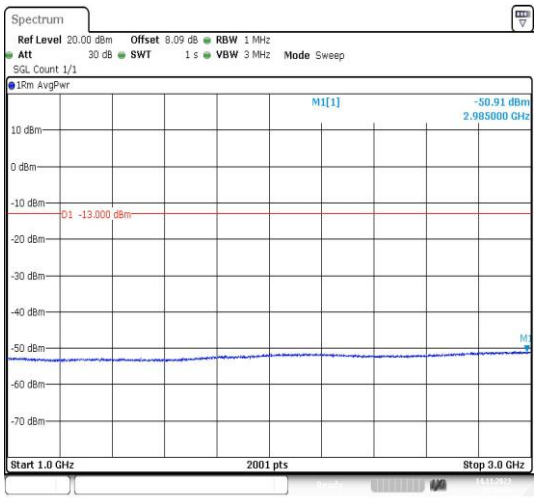
Band5_5MHz_16QAM_20625_1RB#0_0.009~0.15_0.009~0.15

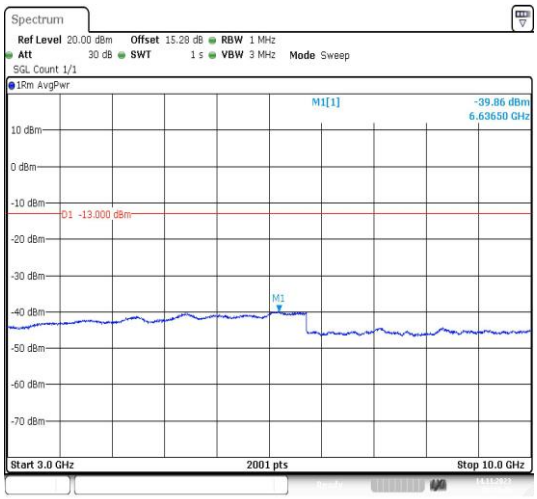


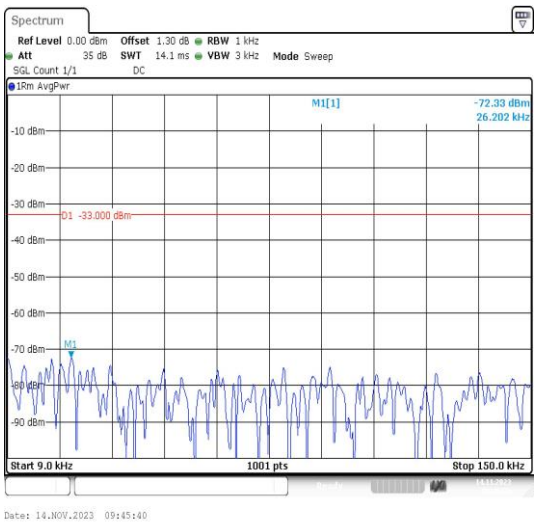
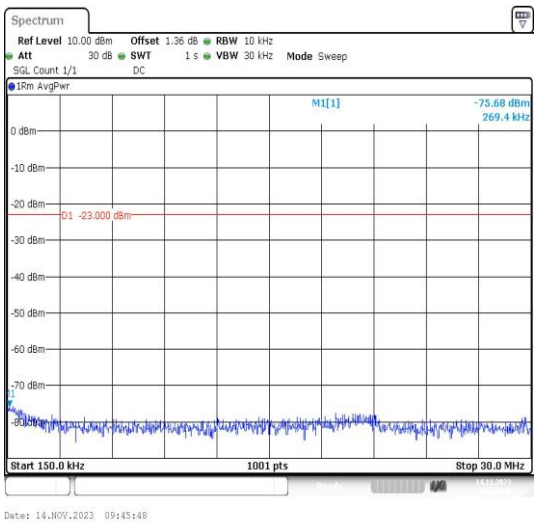
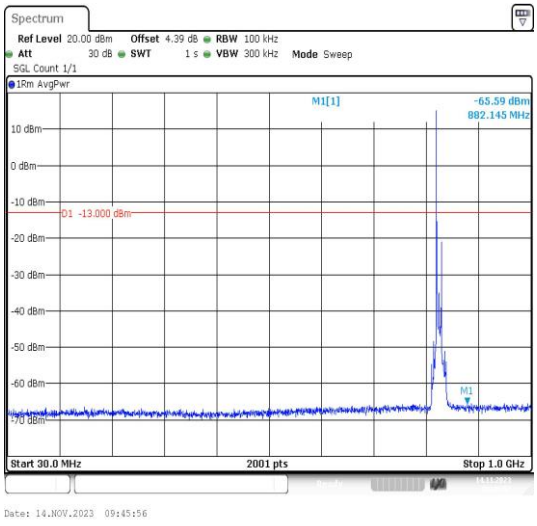
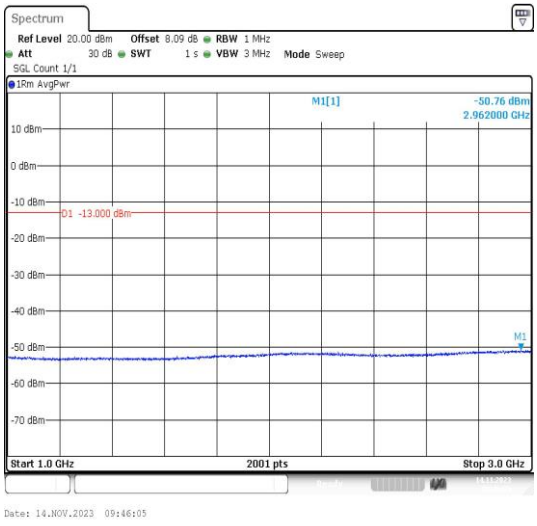
Band5_5MHz_16QAM_20625_1RB#0_0.15~30_0.15~30



Band5_5MHz_16QAM_20625_1RB#0_30~1000_30~1000





Band5_5MHz_16QAM_20625_1RB#0_1000~3000_1000~3000	Band5_5MHz_16QAM_20625_1RB#0_3000~10000_3000~10000
	
Band5_10MHz_QPSK_20450_1RB#0_0.009~0.15_0.009~0.15	Band5_10MHz_QPSK_20450_1RB#0_0.15~30_0.15~30
	
Band5_10MHz_QPSK_20450_1RB#0_30~1000_30~1000	Band5_10MHz_QPSK_20450_1RB#0_1000~3000_1000~3000