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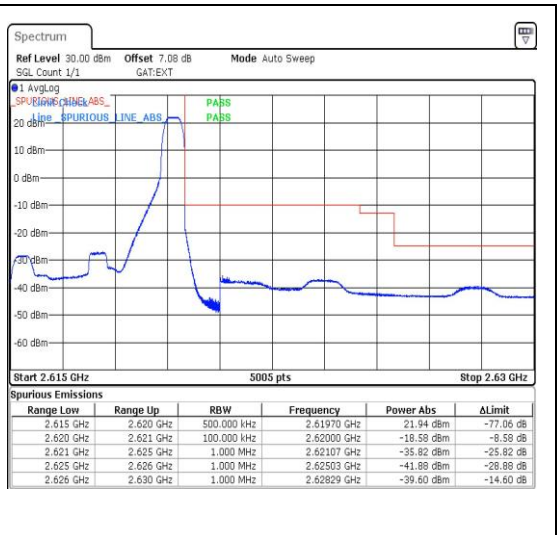
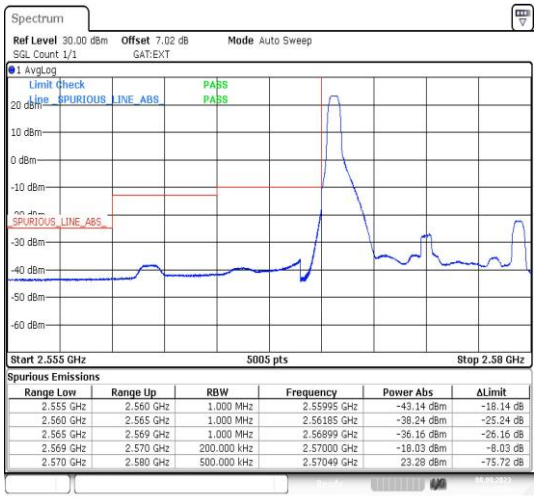


Band38_5MHz_16QAM_38225_1RB#24

Band38_5MHz_QPSK_38225_25RB#0

Band38_5MHz_16QAM_38225_25RB#0



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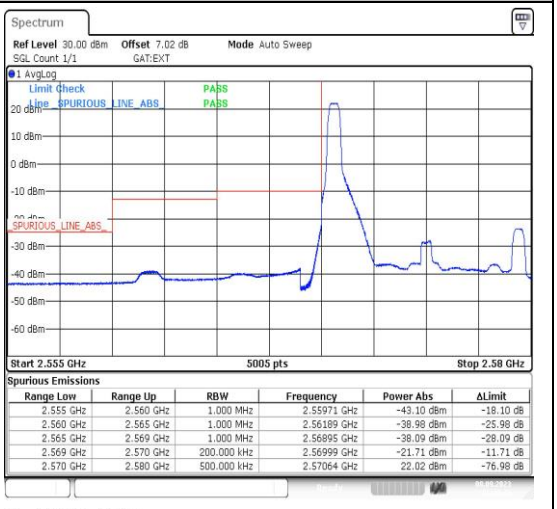

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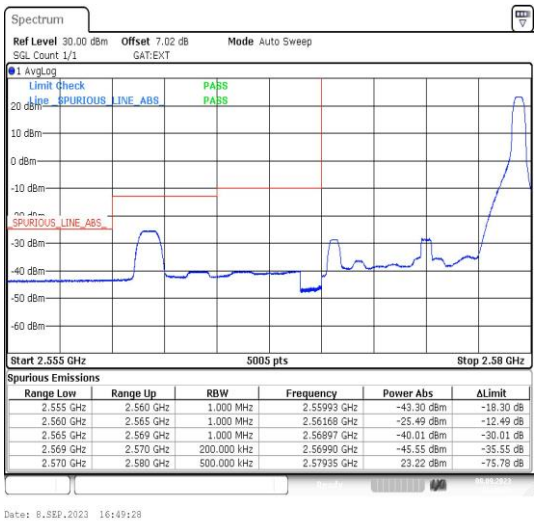

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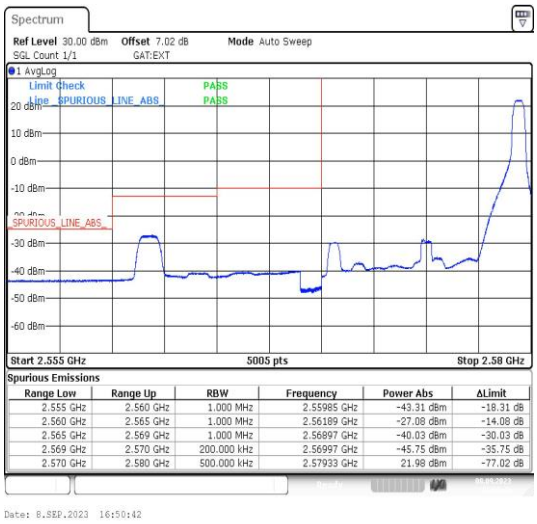

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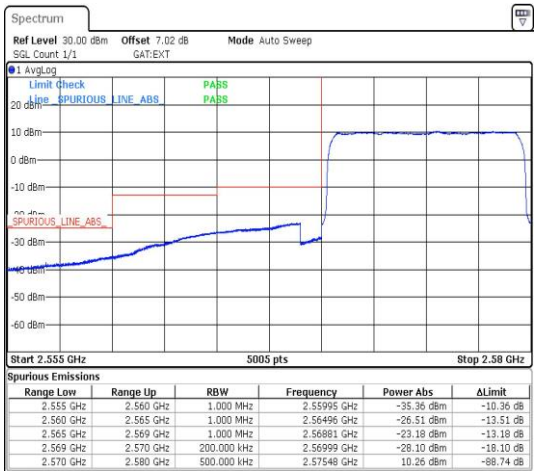

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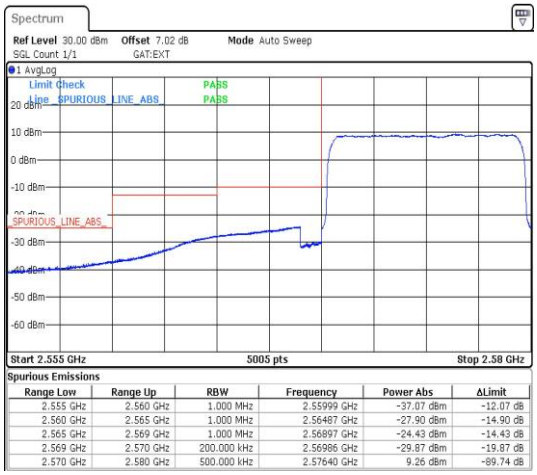

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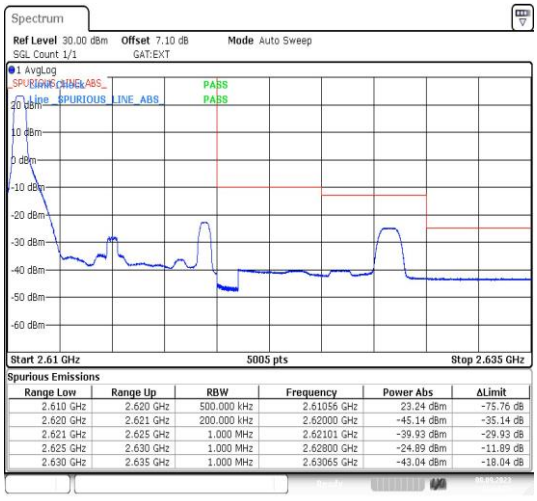

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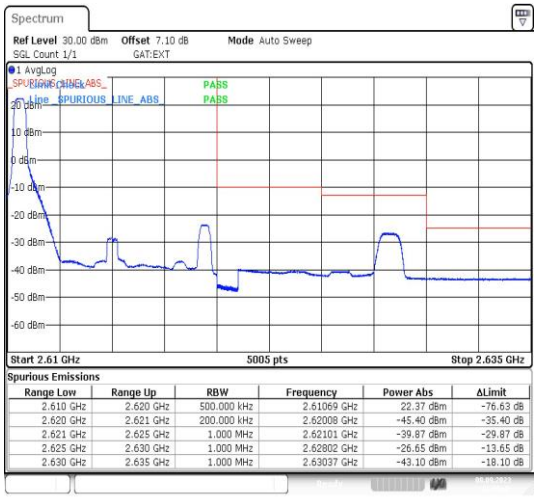

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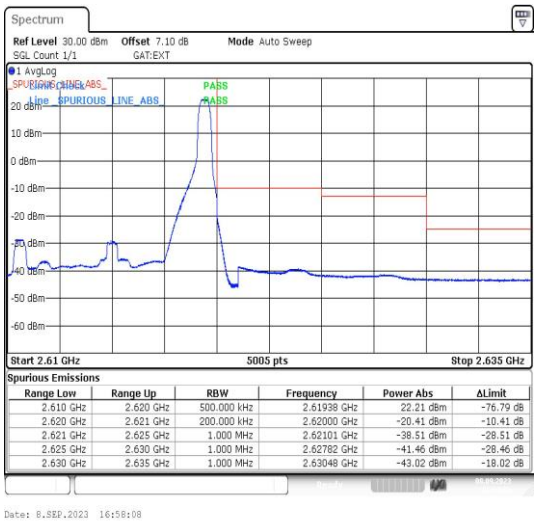

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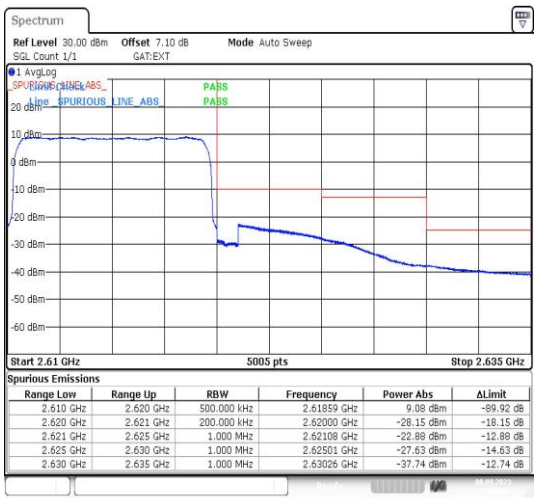

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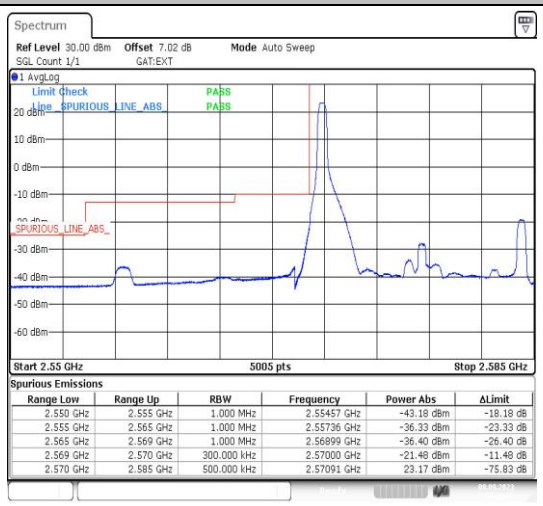

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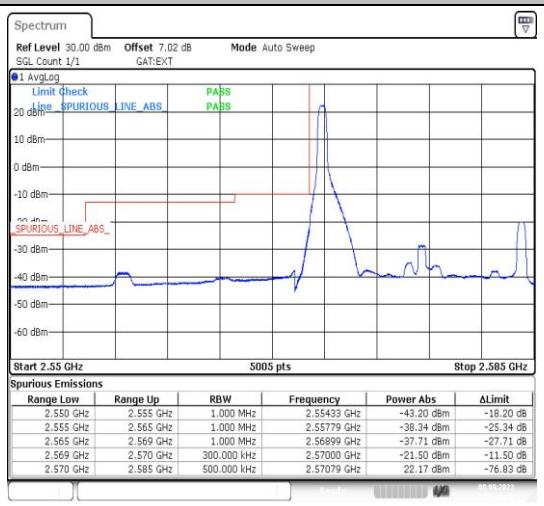

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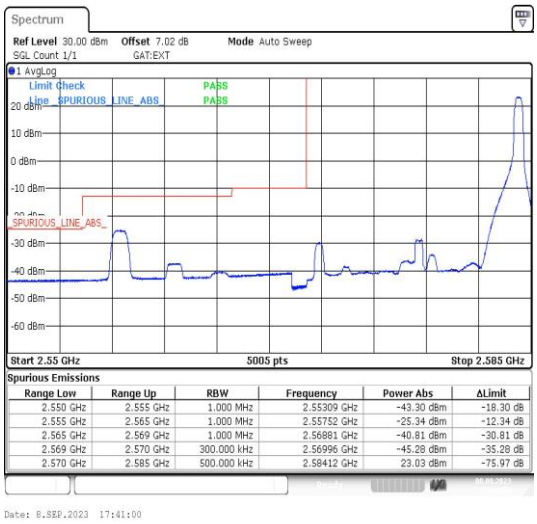

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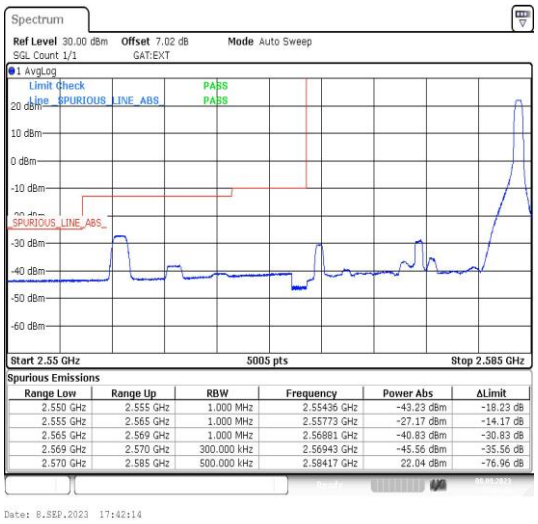

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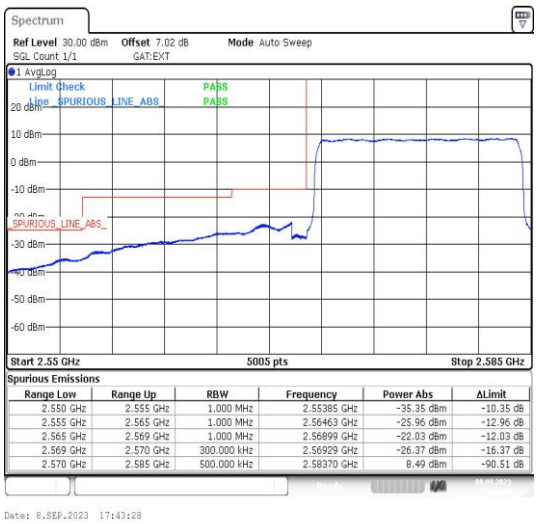
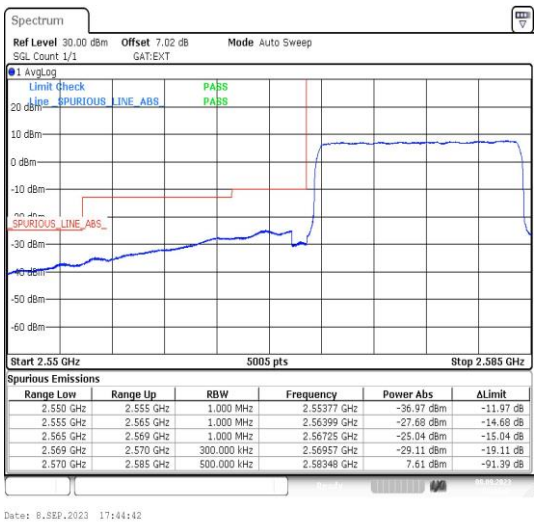


Band38_15MHz_QPSK_37825_75RB#0



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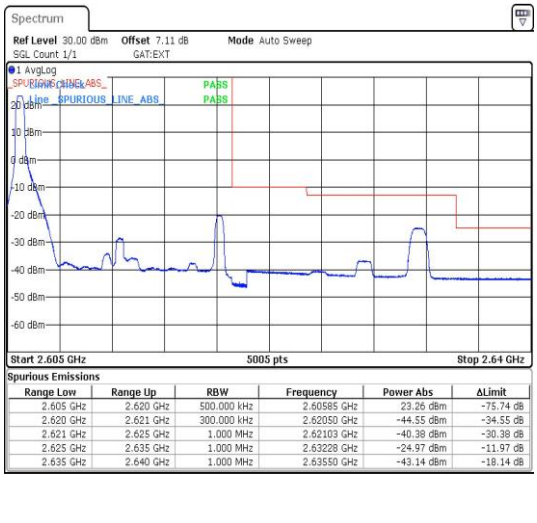

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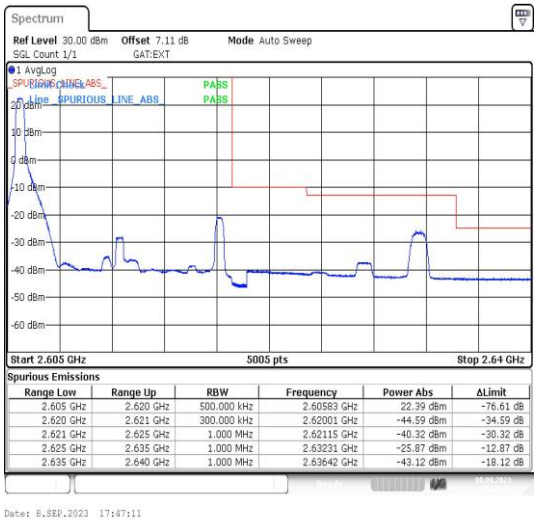

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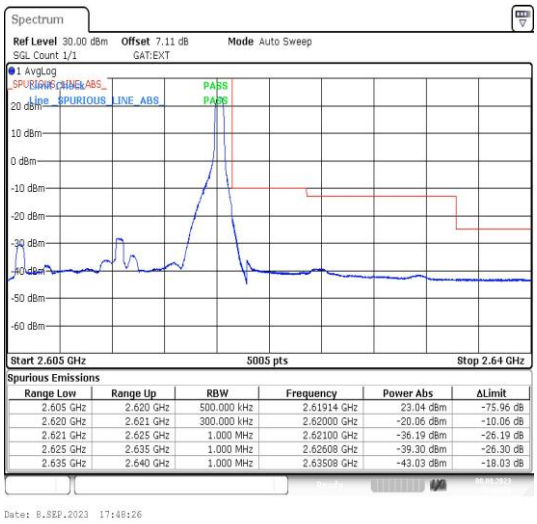

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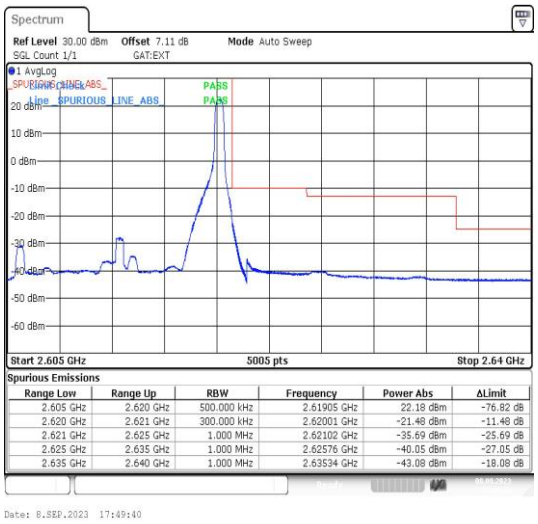

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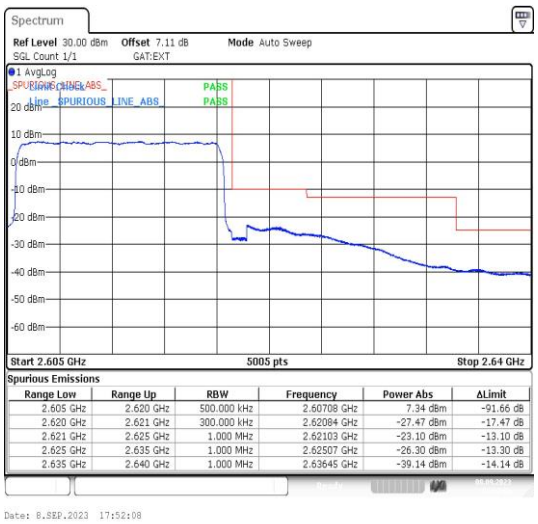

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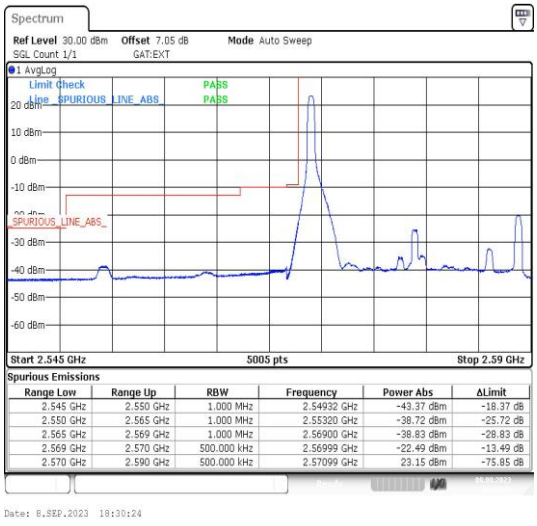

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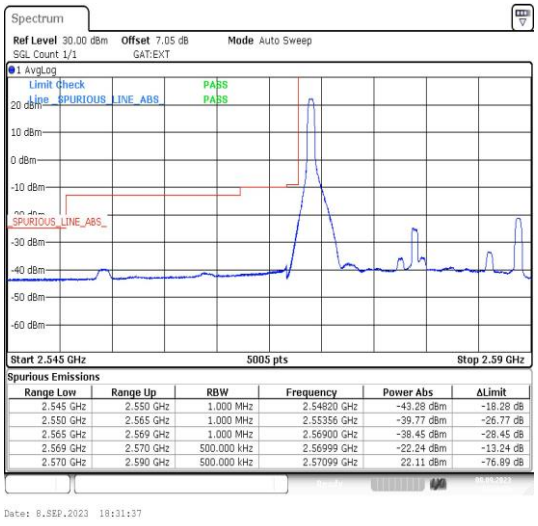

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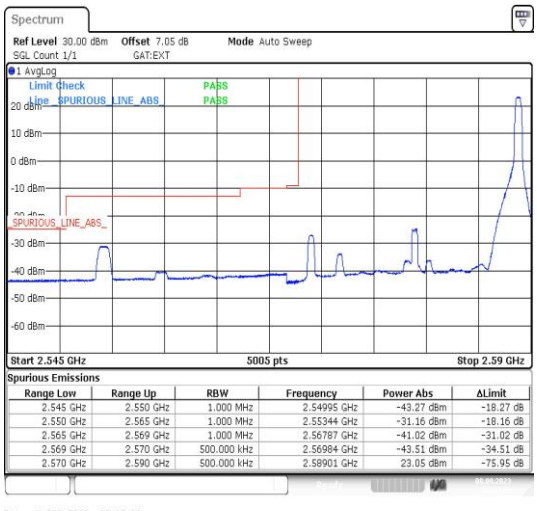

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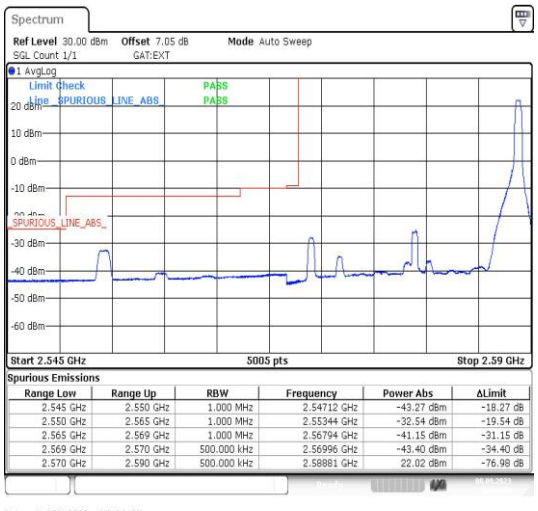

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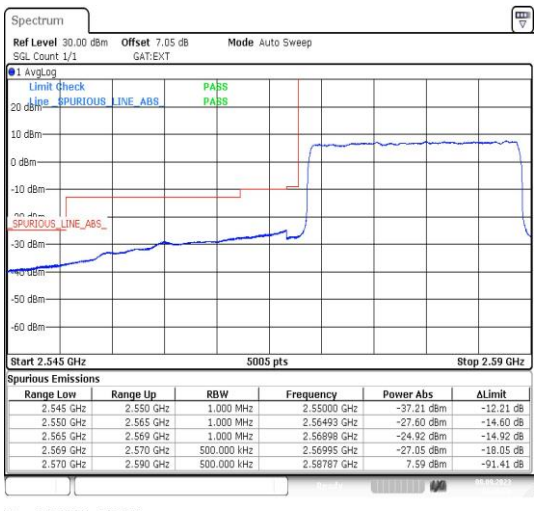

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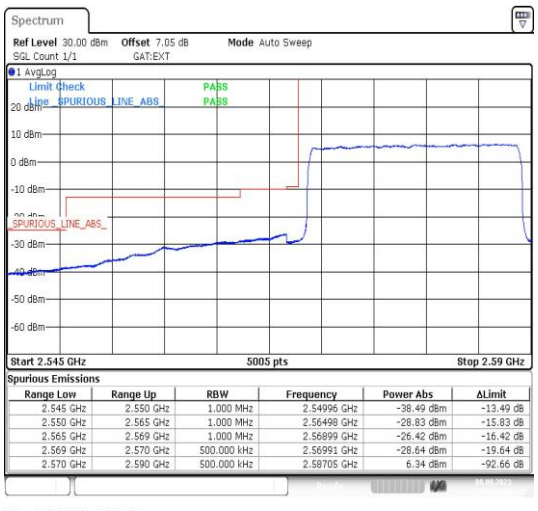

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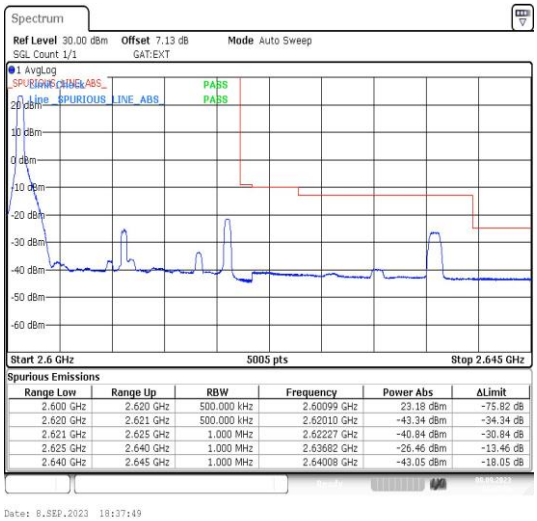
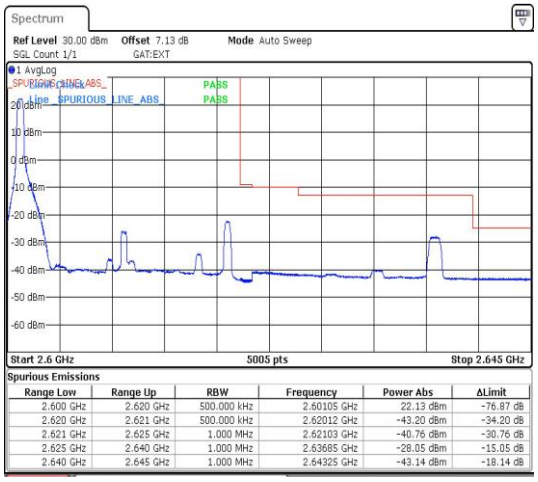
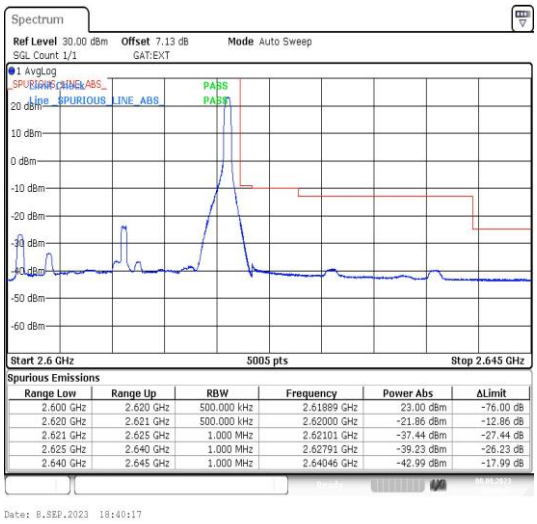


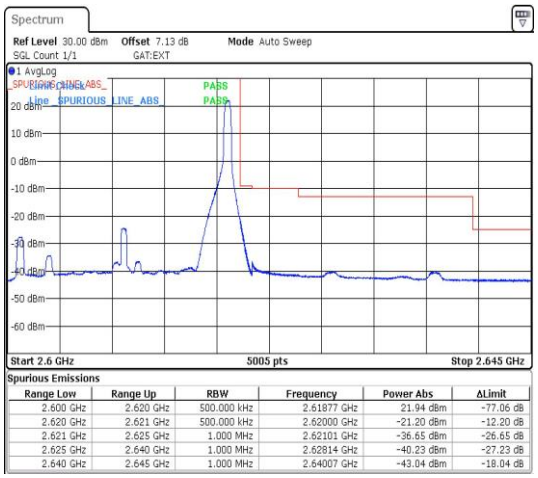
Band38_20MHz_QPSK_38150_1RB#0



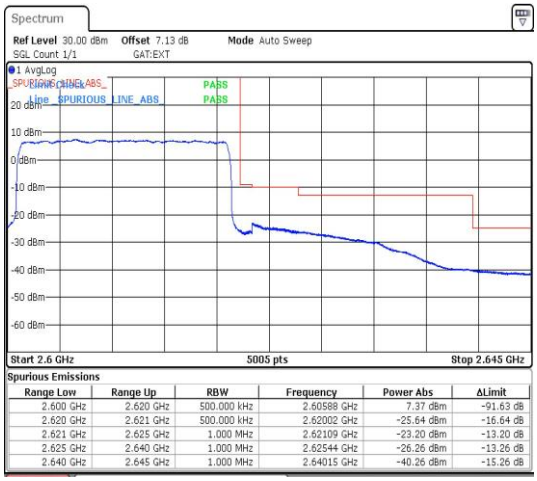
Band38_20MHz_16QAM_38150_1RB#0



Band38_20MHz_QPSK_38150_1RB#99



Band38_20MHz_16QAM_38150_1RB#99



Band38_20MHz_QPSK_38150_100RB#0

Band38_20MHz_16QAM_38150_100RB#0

Appendix E: Conducted Spurious Emission

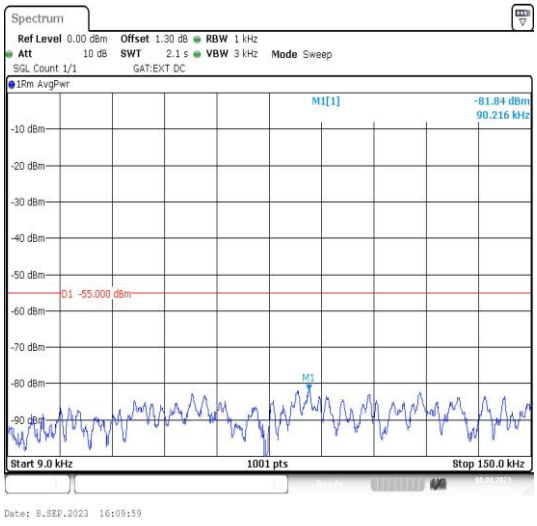
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	0.009~0.15	-81.84	PASS
Band38	5MHz	QPSK	37775	1RB#0	0.15~30	-83.76	PASS
Band38	5MHz	QPSK	37775	1RB#0	30~1000	-65.44	PASS
Band38	5MHz	QPSK	37775	1RB#0	1000~20000	-35.09	PASS
Band38	5MHz	QPSK	37775	1RB#0	20000~27000	-34.76	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.009~0.15	-83.06	PASS
Band38	5MHz	16QAM	37775	1RB#0	0.15~30	-84.34	PASS
Band38	5MHz	16QAM	37775	1RB#0	30~1000	-65.15	PASS
Band38	5MHz	16QAM	37775	1RB#0	1000~20000	-35.05	PASS
Band38	5MHz	16QAM	37775	1RB#0	20000~27000	-34.69	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.009~0.15	-82.02	PASS
Band38	5MHz	QPSK	38000	1RB#0	0.15~30	-84.06	PASS
Band38	5MHz	QPSK	38000	1RB#0	30~1000	-65.43	PASS
Band38	5MHz	QPSK	38000	1RB#0	1000~20000	-35.18	PASS
Band38	5MHz	QPSK	38000	1RB#0	20000~27000	-34.70	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.009~0.15	-83.27	PASS
Band38	5MHz	16QAM	38000	1RB#0	0.15~30	-83.77	PASS
Band38	5MHz	16QAM	38000	1RB#0	30~1000	-65.23	PASS
Band38	5MHz	16QAM	38000	1RB#0	1000~20000	-35.13	PASS
Band38	5MHz	16QAM	38000	1RB#0	20000~27000	-34.73	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.009~0.15	-76.73	PASS
Band38	5MHz	QPSK	38225	1RB#0	0.15~30	-85.69	PASS
Band38	5MHz	QPSK	38225	1RB#0	30~1000	-65.58	PASS
Band38	5MHz	QPSK	38225	1RB#0	1000~20000	-35.29	PASS
Band38	5MHz	QPSK	38225	1RB#0	20000~27000	-34.87	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.009~0.15	-78.03	PASS
Band38	5MHz	16QAM	38225	1RB#0	0.15~30	-83.79	PASS
Band38	5MHz	16QAM	38225	1RB#0	30~1000	-65.43	PASS
Band38	5MHz	16QAM	38225	1RB#0	1000~20000	-35.22	PASS
Band38	5MHz	16QAM	38225	1RB#0	20000~27000	-34.92	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.009~0.15	-78.48	PASS
Band38	10MHz	QPSK	37800	1RB#0	0.15~30	-84.26	PASS
Band38	10MHz	QPSK	37800	1RB#0	30~1000	-65.18	PASS
Band38	10MHz	QPSK	37800	1RB#0	1000~20000	-35.15	PASS
Band38	10MHz	QPSK	37800	1RB#0	20000~27000	-34.33	PASS
Band38	10MHz	16QAM	37800	1RB#0	0.009~0.15	-80.70	PASS

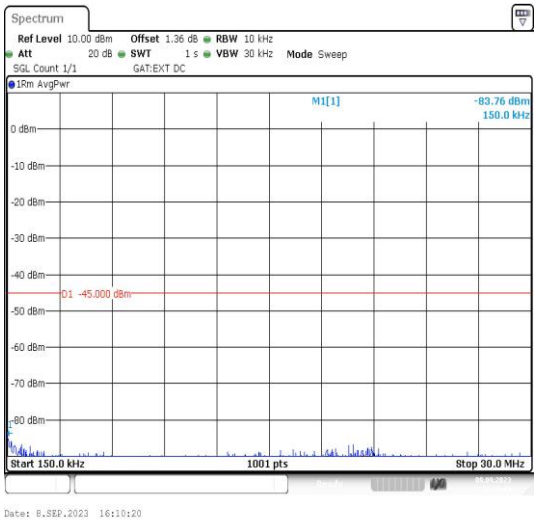
Band38	10MHz	16QAM	37800	1RB#0	0.15~30	-82.96	PASS
Band38	10MHz	16QAM	37800	1RB#0	30~1000	-65.69	PASS
Band38	10MHz	16QAM	37800	1RB#0	1000~20000	-32.84	PASS
Band38	10MHz	16QAM	37800	1RB#0	20000~27000	-34.85	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.009~0.15	-80.24	PASS
Band38	10MHz	QPSK	38000	1RB#0	0.15~30	-84.28	PASS
Band38	10MHz	QPSK	38000	1RB#0	30~1000	-65.45	PASS
Band38	10MHz	QPSK	38000	1RB#0	1000~20000	-35.38	PASS
Band38	10MHz	QPSK	38000	1RB#0	20000~27000	-34.65	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.009~0.15	-81.90	PASS
Band38	10MHz	16QAM	38000	1RB#0	0.15~30	-84.90	PASS
Band38	10MHz	16QAM	38000	1RB#0	30~1000	-65.19	PASS
Band38	10MHz	16QAM	38000	1RB#0	1000~20000	-32.25	PASS
Band38	10MHz	16QAM	38000	1RB#0	20000~27000	-34.68	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.009~0.15	-75.50	PASS
Band38	10MHz	QPSK	38200	1RB#0	0.15~30	-83.14	PASS
Band38	10MHz	QPSK	38200	1RB#0	30~1000	-64.91	PASS
Band38	10MHz	QPSK	38200	1RB#0	1000~20000	-33.95	PASS
Band38	10MHz	QPSK	38200	1RB#0	20000~27000	-34.86	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.009~0.15	-77.26	PASS
Band38	10MHz	16QAM	38200	1RB#0	0.15~30	-85.86	PASS
Band38	10MHz	16QAM	38200	1RB#0	30~1000	-65.62	PASS
Band38	10MHz	16QAM	38200	1RB#0	1000~20000	-35.11	PASS
Band38	10MHz	16QAM	38200	1RB#0	20000~27000	-34.57	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.009~0.15	-78.48	PASS
Band38	15MHz	QPSK	37825	1RB#0	0.15~30	-83.43	PASS
Band38	15MHz	QPSK	37825	1RB#0	30~1000	-65.31	PASS
Band38	15MHz	QPSK	37825	1RB#0	1000~20000	-29.13	PASS
Band38	15MHz	QPSK	37825	1RB#0	20000~27000	-34.98	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.009~0.15	-80.72	PASS
Band38	15MHz	16QAM	37825	1RB#0	0.15~30	-85.67	PASS
Band38	15MHz	16QAM	37825	1RB#0	30~1000	-65.43	PASS
Band38	15MHz	16QAM	37825	1RB#0	1000~20000	-35.29	PASS
Band38	15MHz	16QAM	37825	1RB#0	20000~27000	-34.59	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.009~0.15	-80.71	PASS
Band38	15MHz	QPSK	38000	1RB#0	0.15~30	-84.71	PASS
Band38	15MHz	QPSK	38000	1RB#0	30~1000	-64.85	PASS
Band38	15MHz	QPSK	38000	1RB#0	1000~20000	-35.24	PASS
Band38	15MHz	QPSK	38000	1RB#0	20000~27000	-34.87	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.009~0.15	-80.78	PASS
Band38	15MHz	16QAM	38000	1RB#0	0.15~30	-83.14	PASS
Band38	15MHz	16QAM	38000	1RB#0	30~1000	-65.29	PASS

Band38	15MHz	16QAM	38000	1RB#0	1000~20000	-34.93	PASS
Band38	15MHz	16QAM	38000	1RB#0	20000~27000	-34.85	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.009~0.15	-76.71	PASS
Band38	15MHz	QPSK	38175	1RB#0	0.15~30	-84.08	PASS
Band38	15MHz	QPSK	38175	1RB#0	30~1000	-65.17	PASS
Band38	15MHz	QPSK	38175	1RB#0	1000~20000	-34.84	PASS
Band38	15MHz	QPSK	38175	1RB#0	20000~27000	-34.74	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.009~0.15	-78.44	PASS
Band38	15MHz	16QAM	38175	1RB#0	0.15~30	-84.25	PASS
Band38	15MHz	16QAM	38175	1RB#0	30~1000	-65.36	PASS
Band38	15MHz	16QAM	38175	1RB#0	1000~20000	-35.23	PASS
Band38	15MHz	16QAM	38175	1RB#0	20000~27000	-34.74	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.009~0.15	-77.89	PASS
Band38	20MHz	QPSK	37850	1RB#0	0.15~30	-85.28	PASS
Band38	20MHz	QPSK	37850	1RB#0	30~1000	-65.07	PASS
Band38	20MHz	QPSK	37850	1RB#0	1000~20000	-35.05	PASS
Band38	20MHz	QPSK	37850	1RB#0	20000~27000	-34.55	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.009~0.15	-79.42	PASS
Band38	20MHz	16QAM	37850	1RB#0	0.15~30	-83.60	PASS
Band38	20MHz	16QAM	37850	1RB#0	30~1000	-64.85	PASS
Band38	20MHz	16QAM	37850	1RB#0	1000~20000	-35.32	PASS
Band38	20MHz	16QAM	37850	1RB#0	20000~27000	-34.79	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.009~0.15	-82.06	PASS
Band38	20MHz	QPSK	38000	1RB#0	0.15~30	-84.96	PASS
Band38	20MHz	QPSK	38000	1RB#0	30~1000	-65.44	PASS
Band38	20MHz	QPSK	38000	1RB#0	1000~20000	-35.41	PASS
Band38	20MHz	QPSK	38000	1RB#0	20000~27000	-34.87	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.009~0.15	-82.79	PASS
Band38	20MHz	16QAM	38000	1RB#0	0.15~30	-84.49	PASS
Band38	20MHz	16QAM	38000	1RB#0	30~1000	-65.58	PASS
Band38	20MHz	16QAM	38000	1RB#0	1000~20000	-35.37	PASS
Band38	20MHz	16QAM	38000	1RB#0	20000~27000	-34.86	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.009~0.15	-76.69	PASS
Band38	20MHz	QPSK	38150	1RB#0	0.15~30	-84.30	PASS
Band38	20MHz	QPSK	38150	1RB#0	30~1000	-65.49	PASS
Band38	20MHz	QPSK	38150	1RB#0	1000~20000	-33.71	PASS
Band38	20MHz	QPSK	38150	1RB#0	20000~27000	-34.87	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.009~0.15	-78.70	PASS
Band38	20MHz	16QAM	38150	1RB#0	0.15~30	-84.97	PASS
Band38	20MHz	16QAM	38150	1RB#0	30~1000	-65.13	PASS
Band38	20MHz	16QAM	38150	1RB#0	1000~20000	-35.20	PASS
Band38	20MHz	16QAM	38150	1RB#0	20000~27000	-34.59	PASS

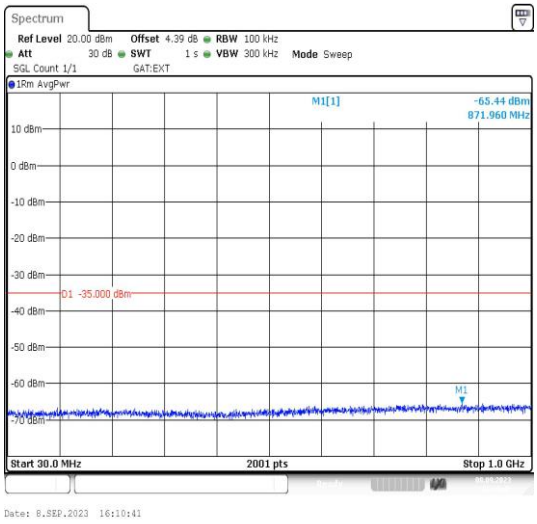
Test Graphs



Band38_5MHz_QPSK_37775_1RB#0_0.009~0.15_0.009~0.15



Band38_5MHz_QPSK_37775_1RB#0_0.15~30_0.15~30



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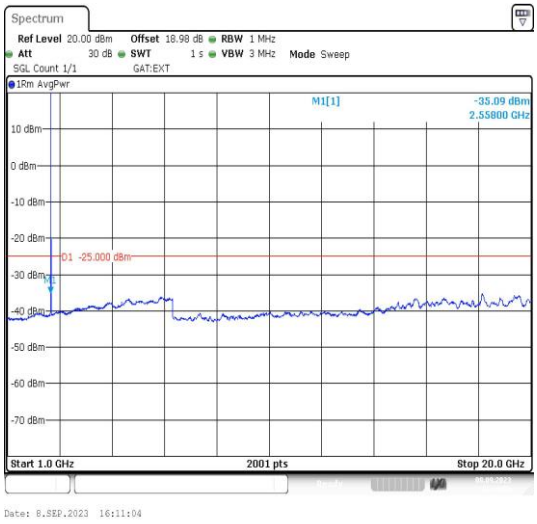

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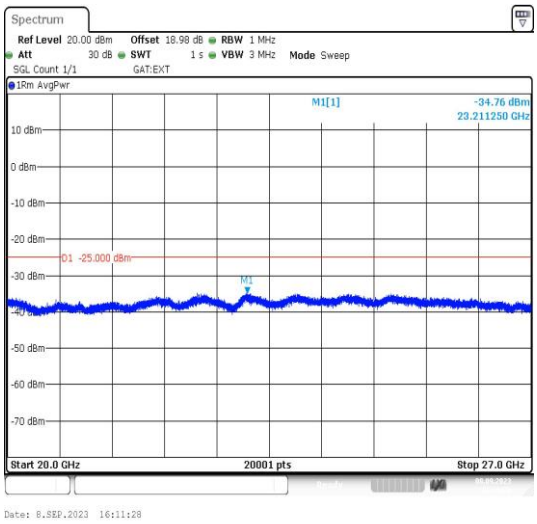

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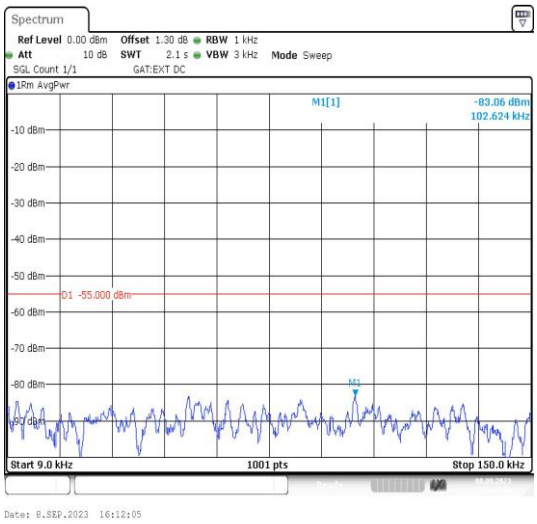

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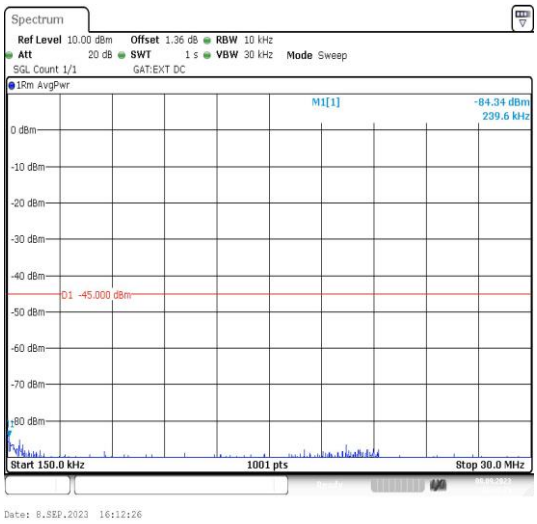

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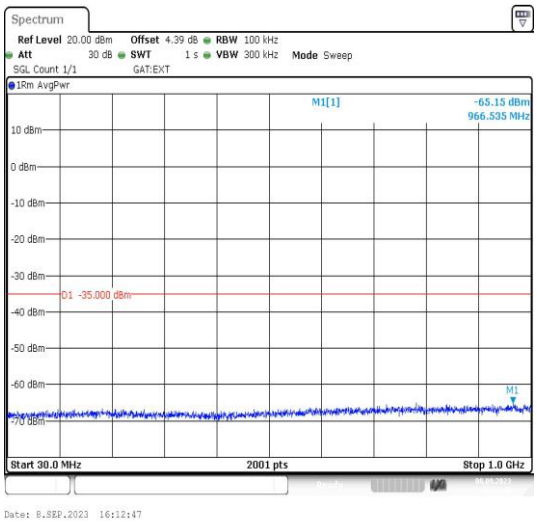

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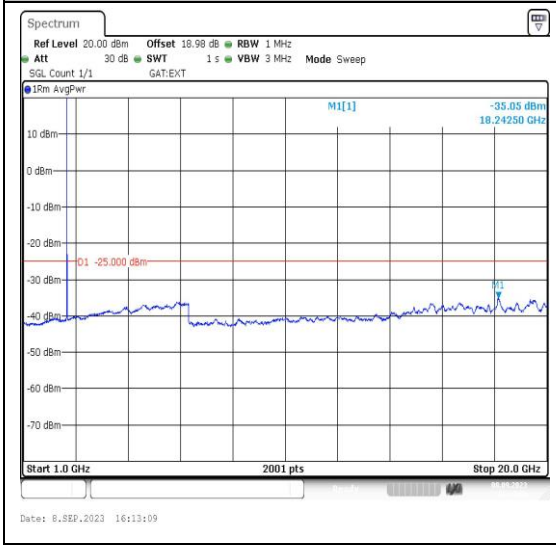
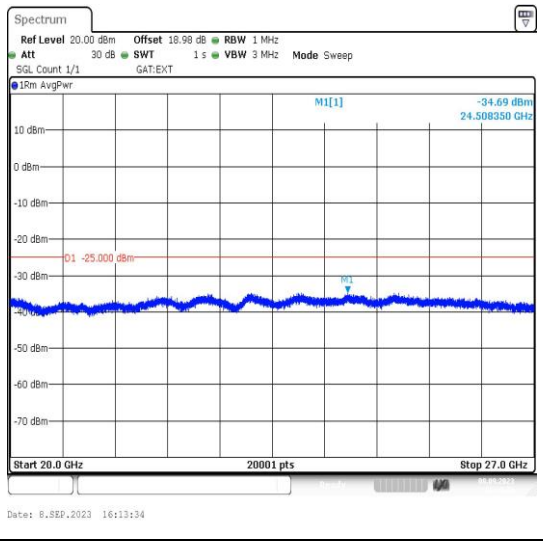
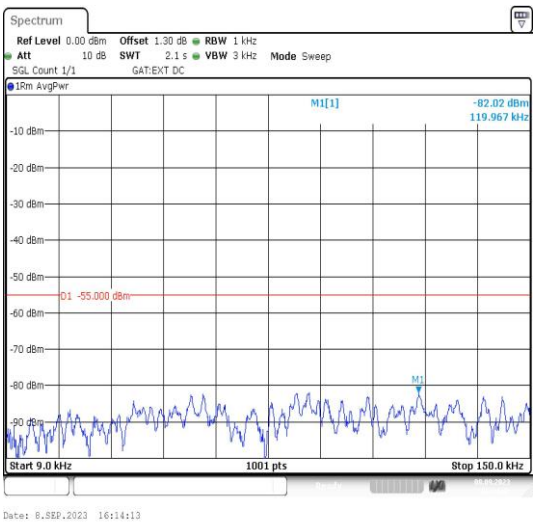
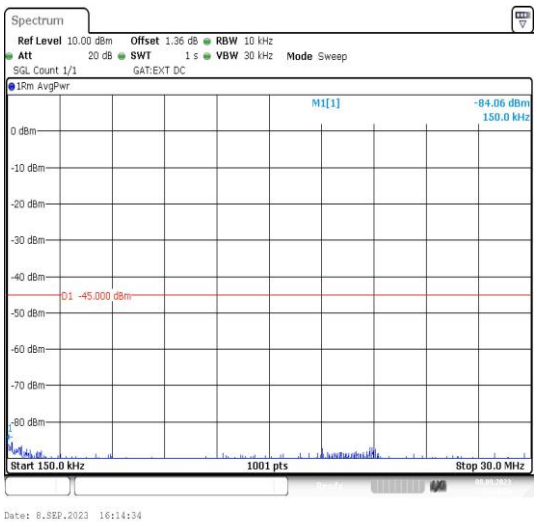
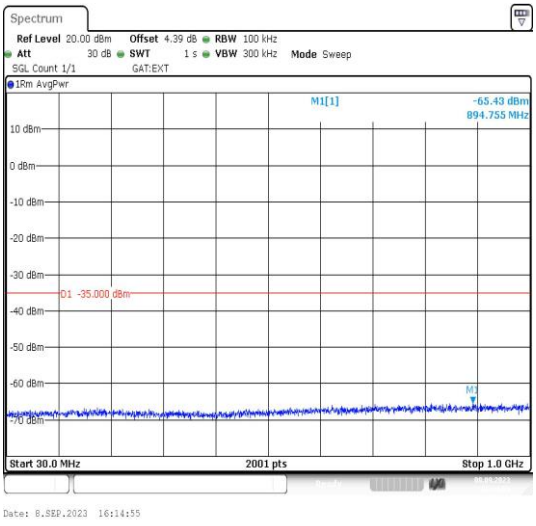
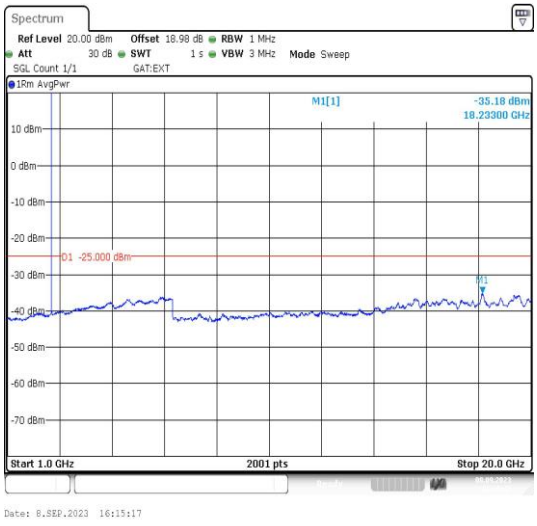




Band38_5MHz_16QAM_37775_1RB#0_1000~20000_1000~20000	Band38_5MHz_16QAM_37775_1RB#0_20000~27000_20000~27000
	
Band38_5MHz_QPSK_38000_1RB#0_0.009~0.15_0.009~0.15	Band38_5MHz_QPSK_38000_1RB#0_0.15~30_0.15~30
	
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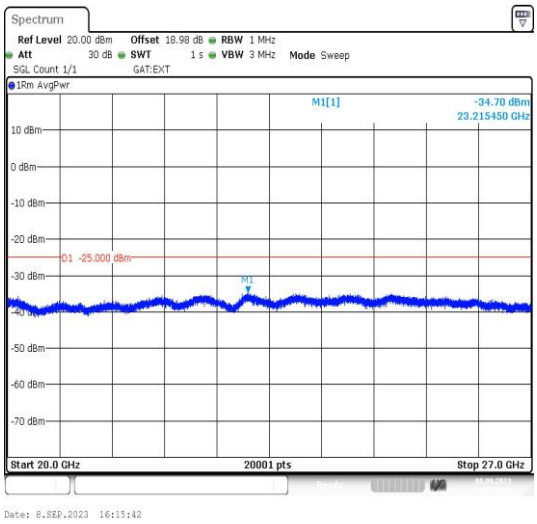

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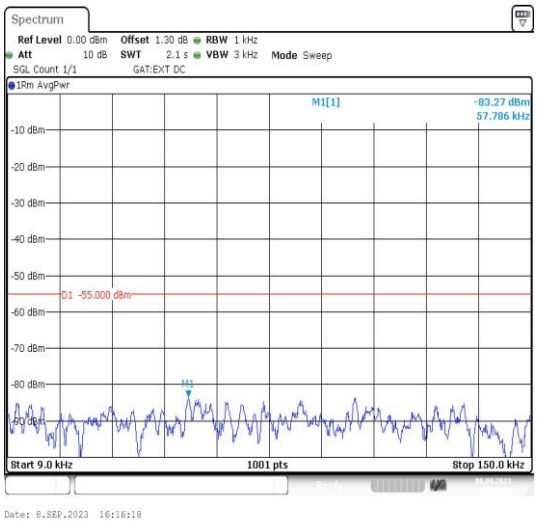

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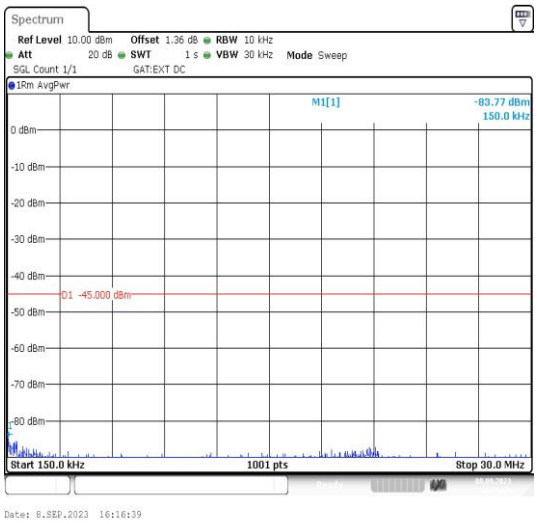

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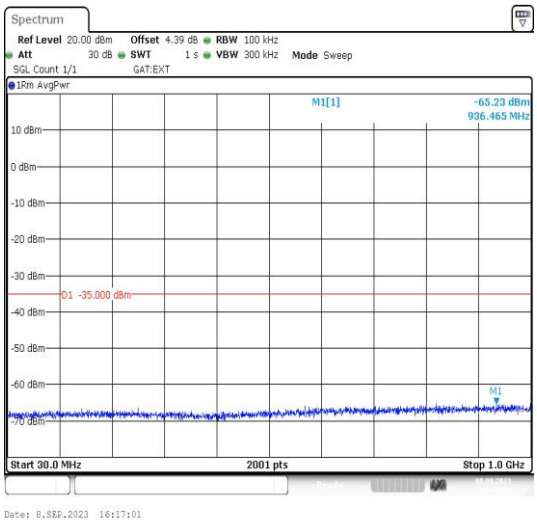

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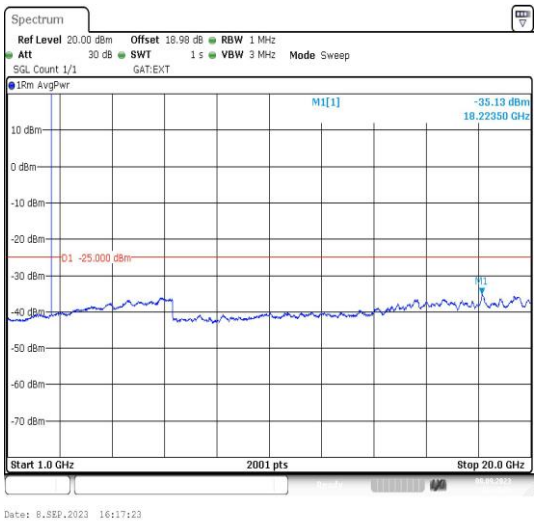
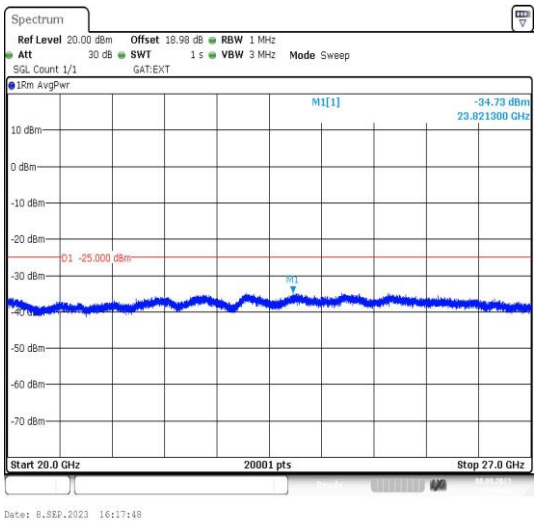
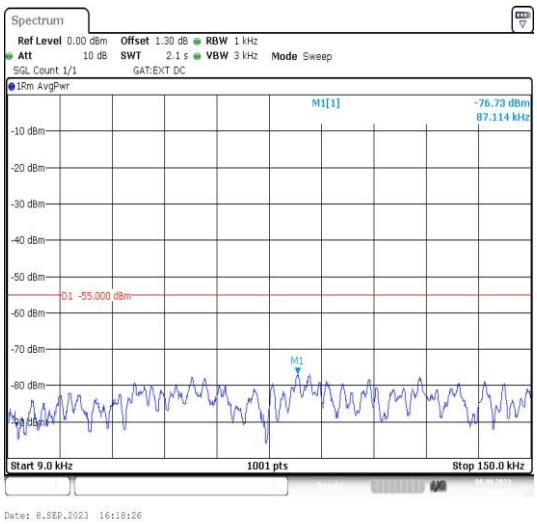
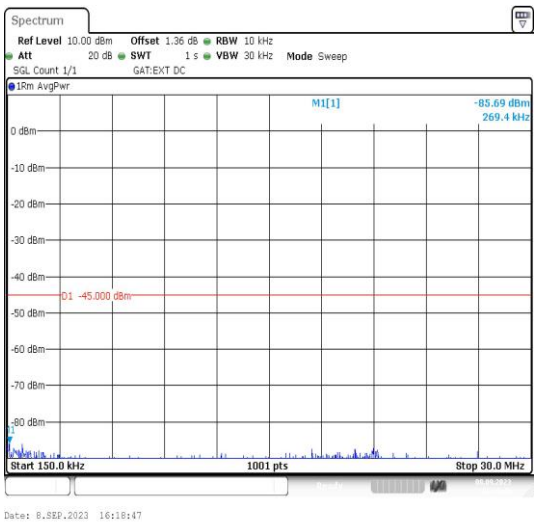




Band38_5MHz_16QAM_38000_1RB#0_1000~20000_1000~20000	Band38_5MHz_16QAM_38000_1RB#0_20000~27000_20000~27000
	
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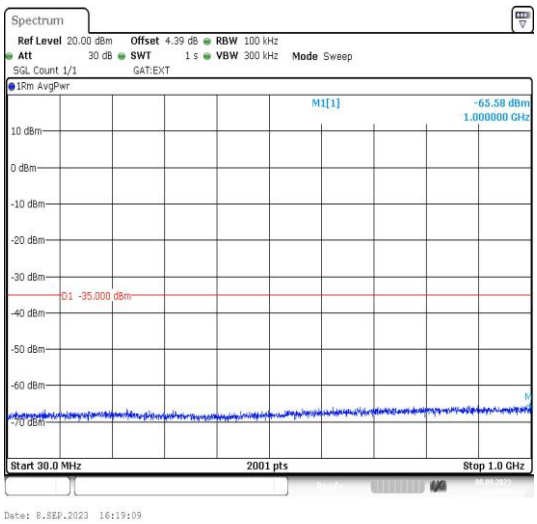	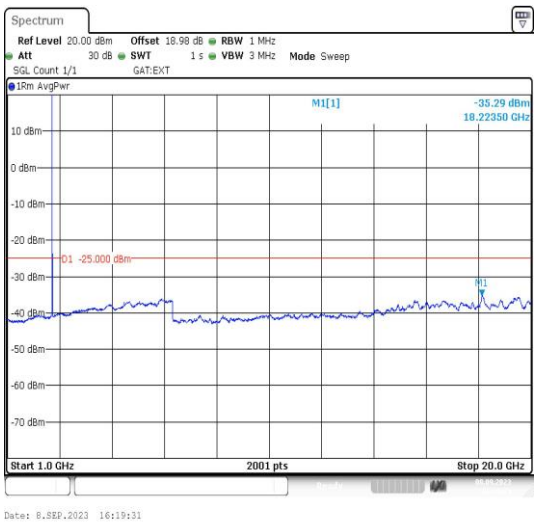
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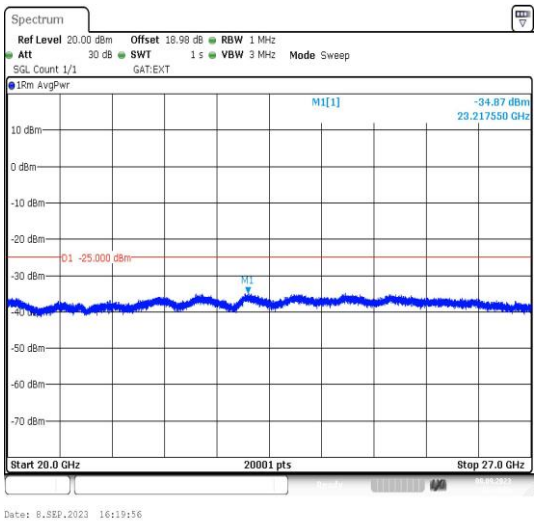

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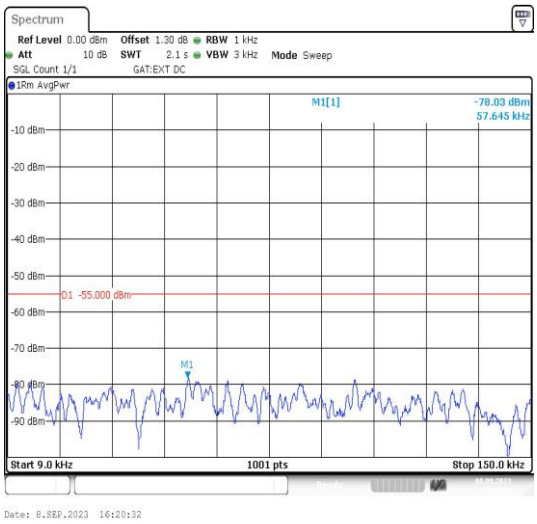

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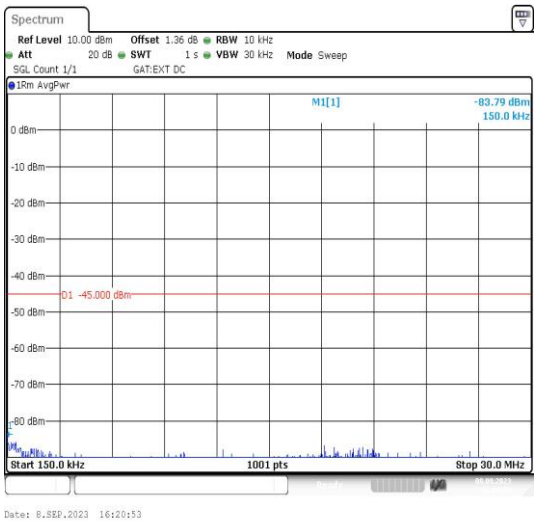
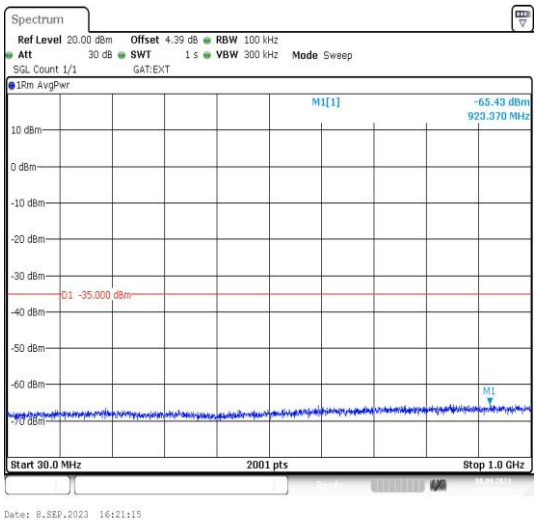


Band38_5MHz_16QAM_38225_1RB#0_0.15~30_0.15~30



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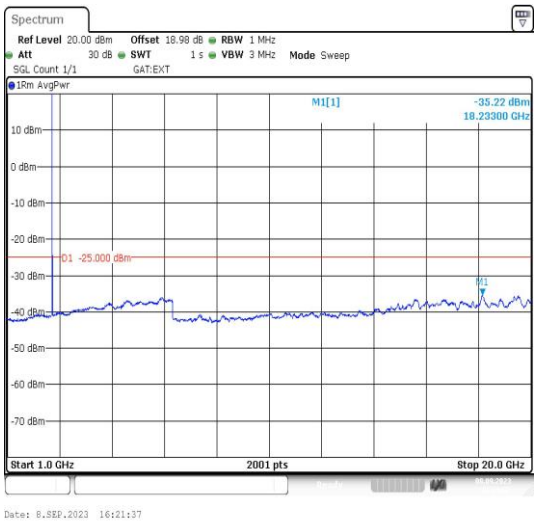

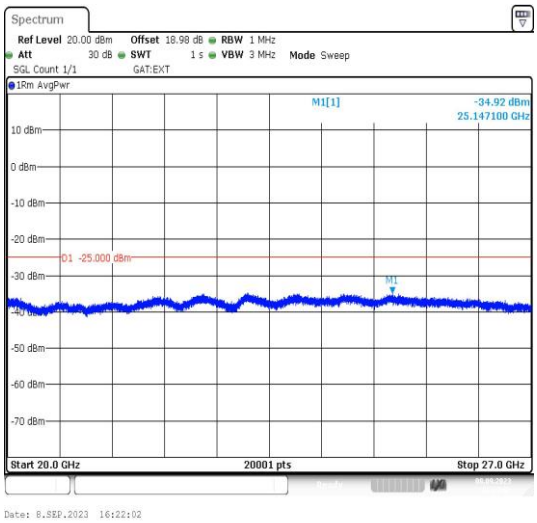

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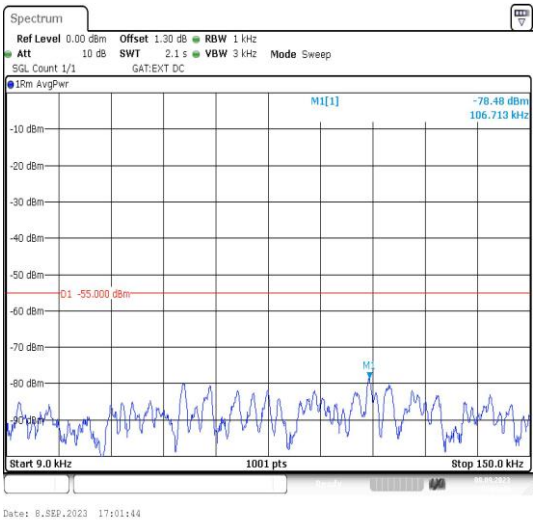
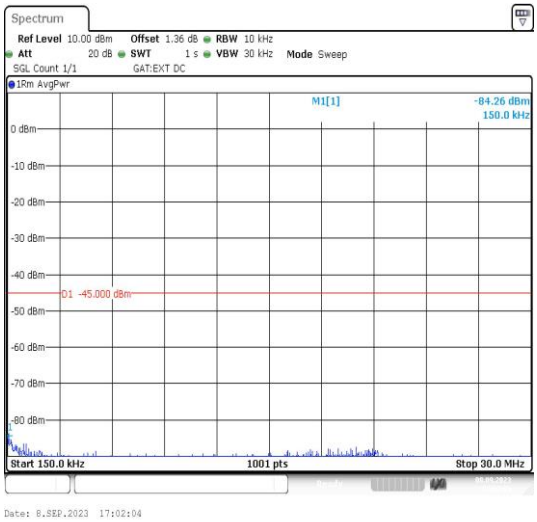
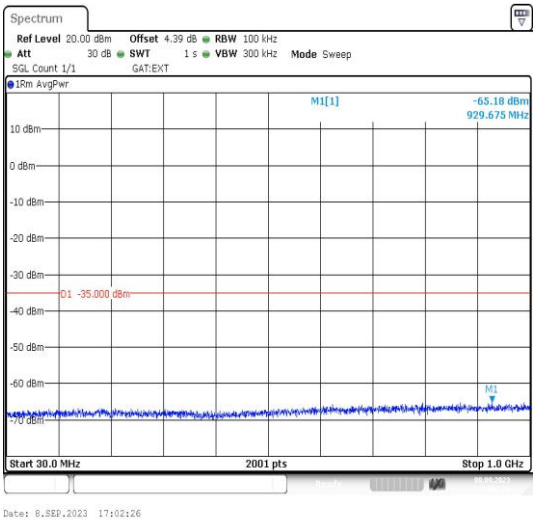
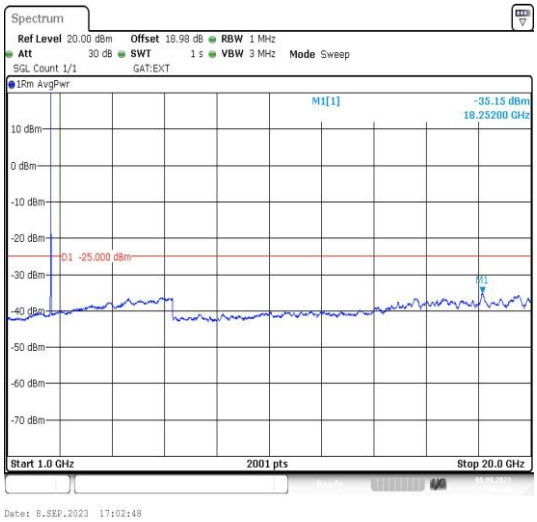
	
Band38_10MHz_QPSK_37800_1RB#0_0.009~0.15_0.009~0.15	Band38_10MHz_QPSK_37800_1RB#0_0.15~30_0.15~30
	
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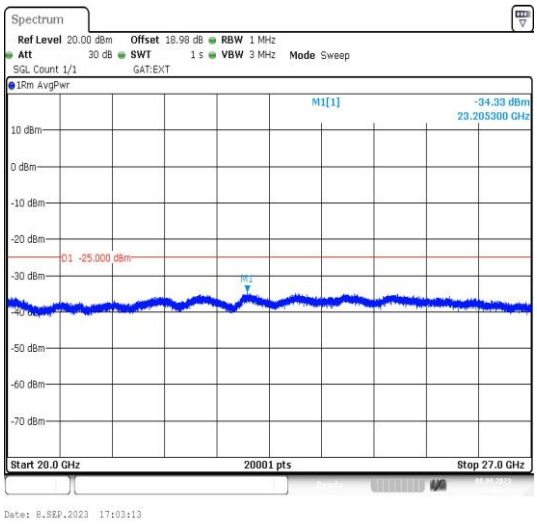
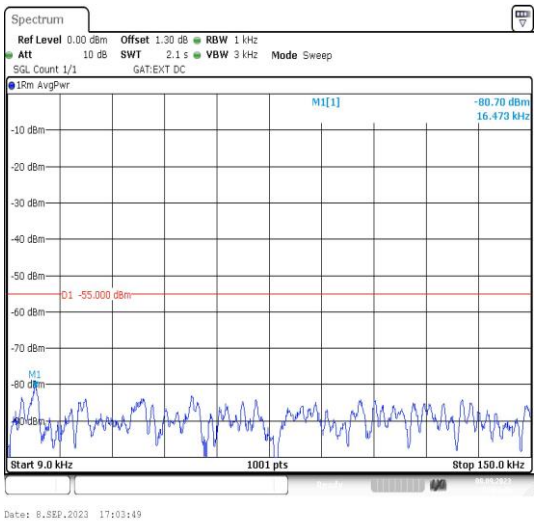
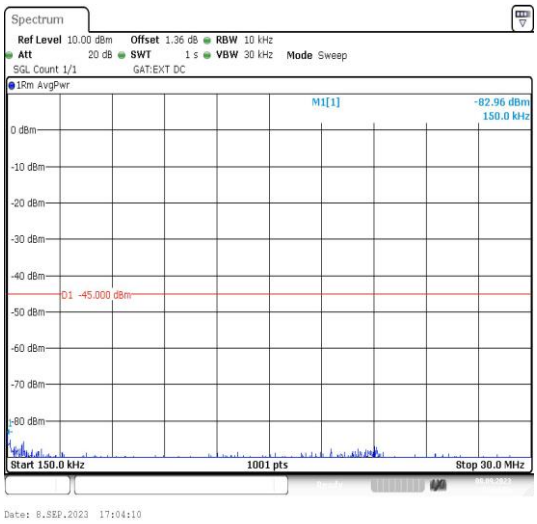


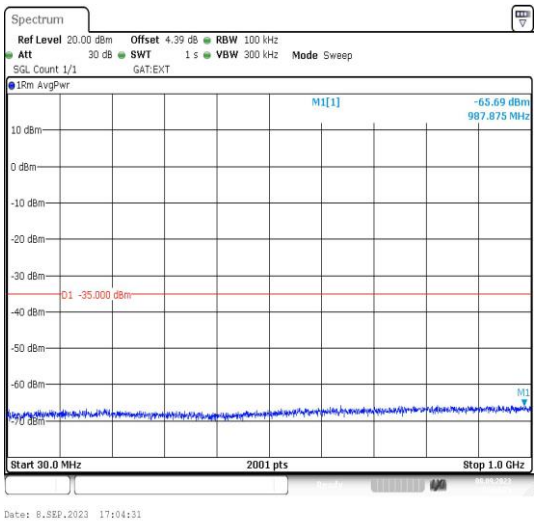
Band38_10MHz_QPSK_37800_1RB#0_20000~27000_20000~27000



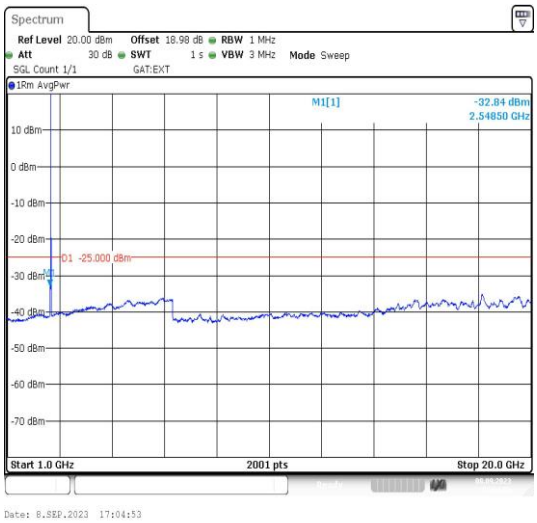
Band38_10MHz_16QAM_37800_1RB#0_0.009~0.15_0.009~0.15

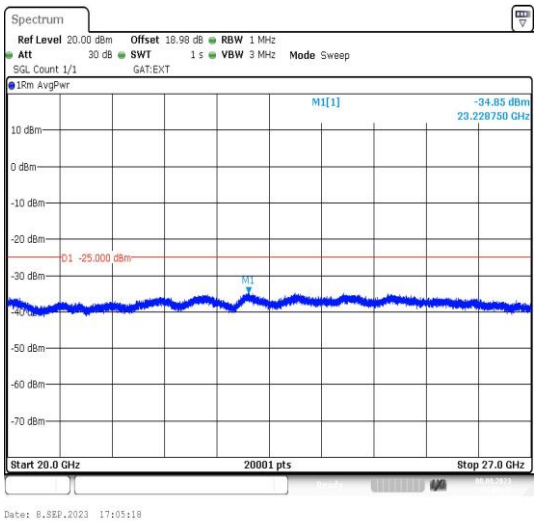


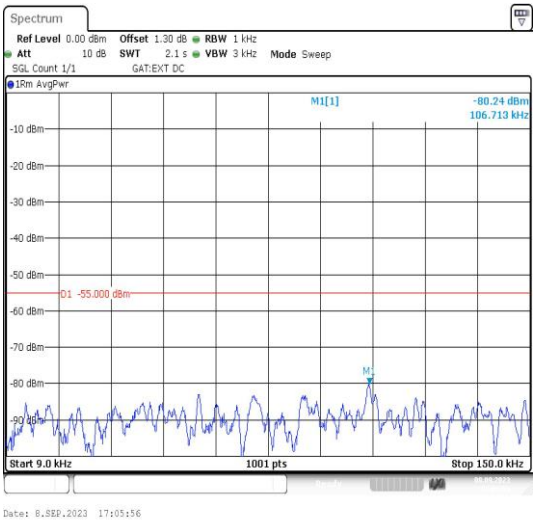
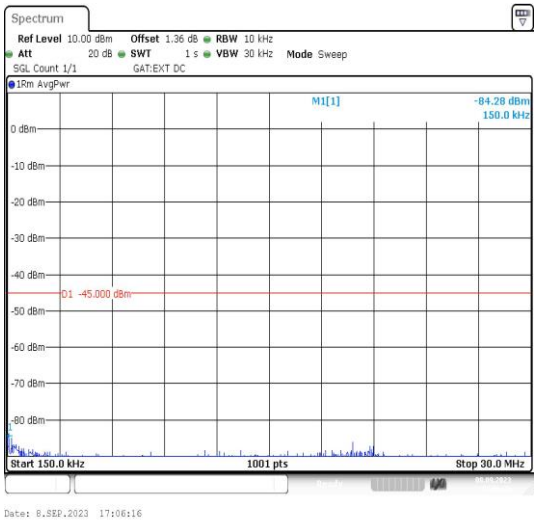
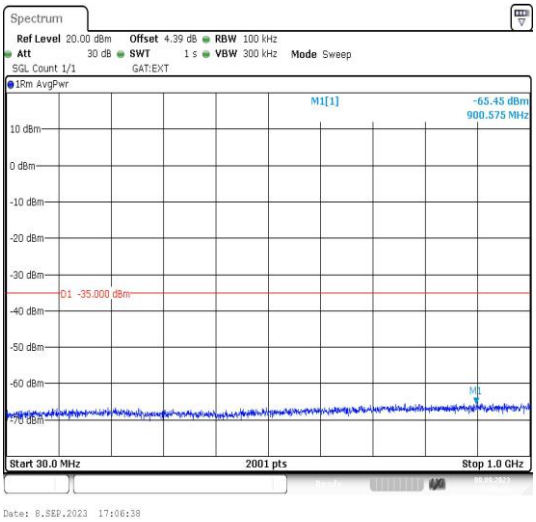
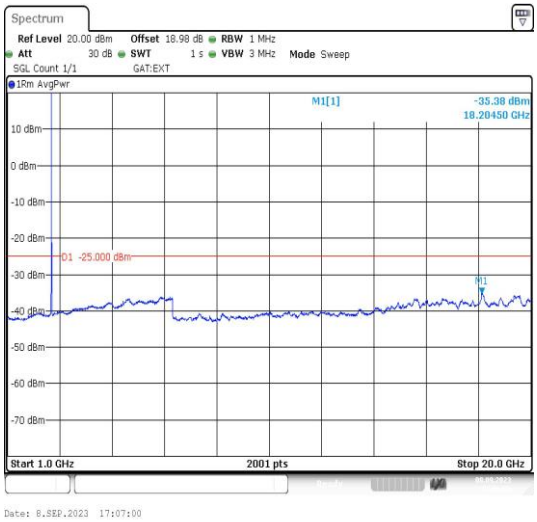
Band38_10MHz_16QAM_37800_1RB#0_0.15~30_0.15~30

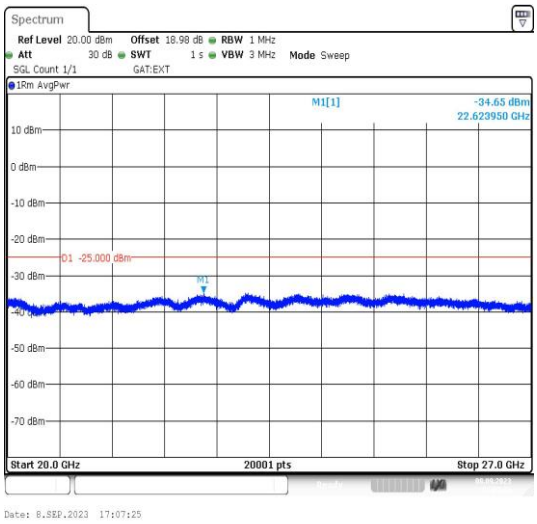


Band38_10MHz_16QAM_37800_1RB#0_30~1000_30~1000

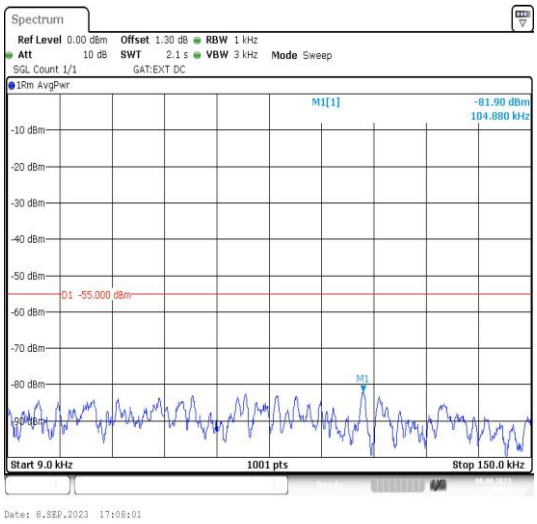




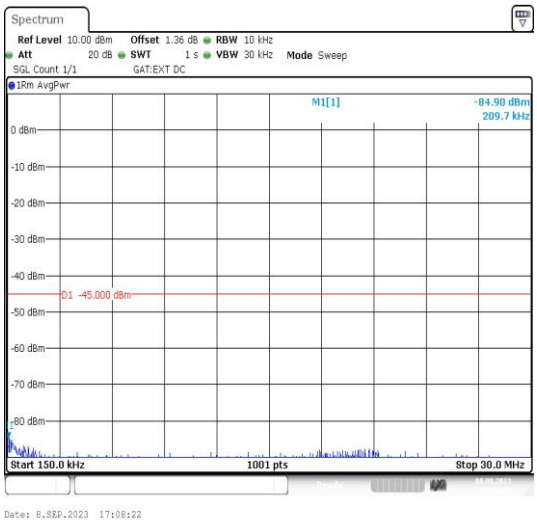
Band38_10MHz_16QAM_37800_1RB#0_1000~20000_1000~20000	Band38_10MHz_16QAM_37800_1RB#0_20000~27000_20000~27000
	
Band38_10MHz_QPSK_38000_1RB#0_0.009~0.15_0.009~0.15	Band38_10MHz_QPSK_38000_1RB#0_0.15~30_0.15~30
	
Band38_10MHz_QPSK_38000_1RB#0_30~1000_30~1000	Band38_10MHz_QPSK_38000_1RB#0_1000~20000_1000~20000



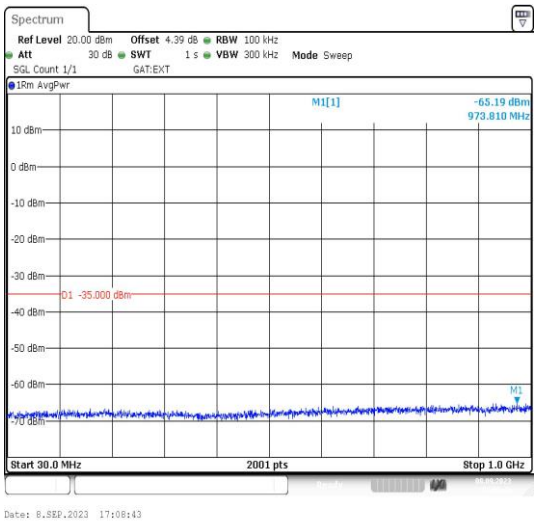
Band38_10MHz_QPSK_38000_1RB#0_20000~27000_20000~27000



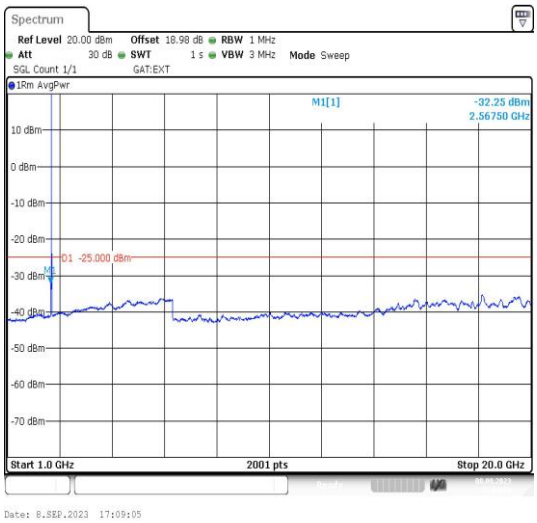
Band38_10MHz_16QAM_38000_1RB#0_0.009~0.15_0.009~0.15

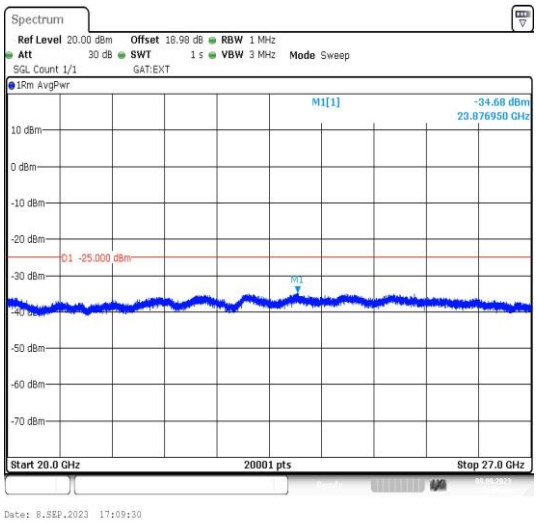


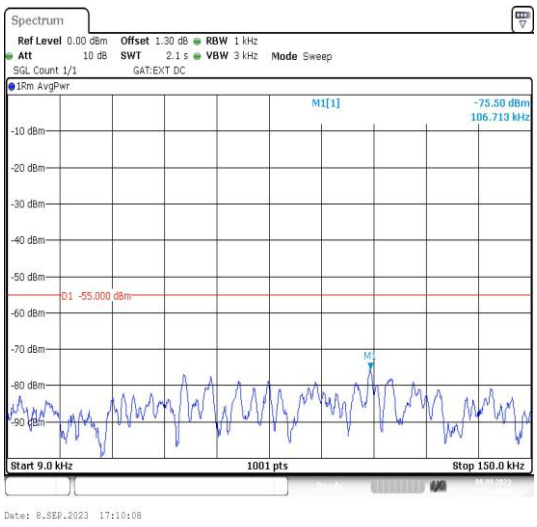
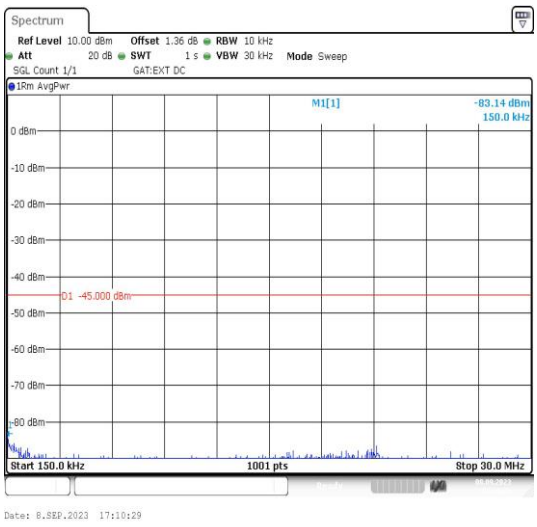
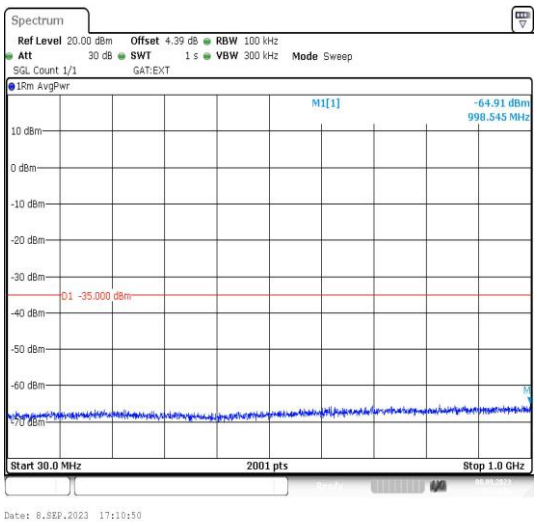
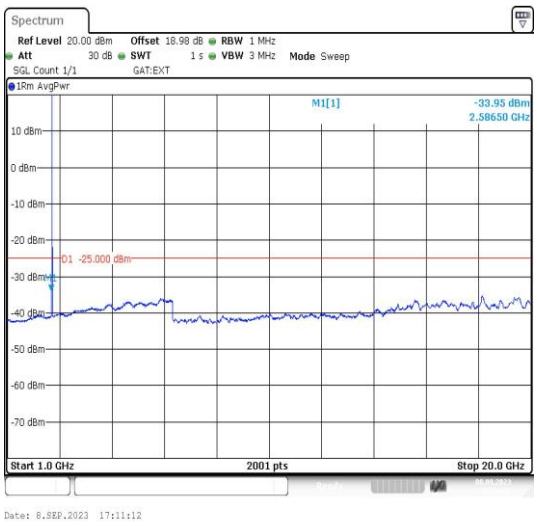
Band38_10MHz_16QAM_38000_1RB#0_0.15~30_0.15~30

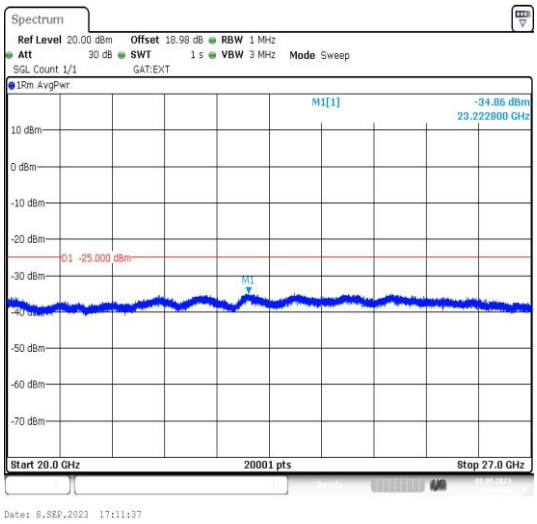


Band38_10MHz_16QAM_38000_1RB#0_30~1000_30~1000

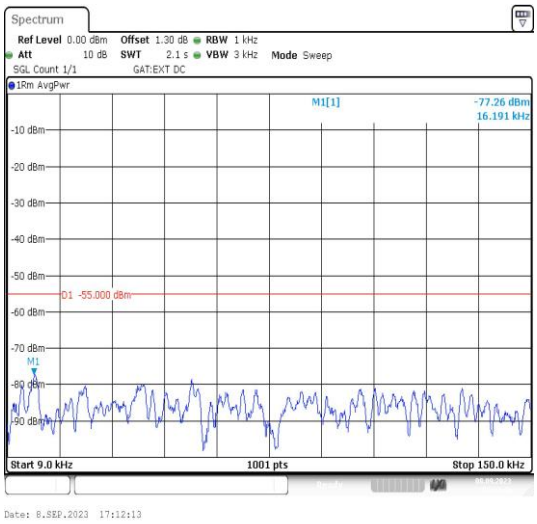




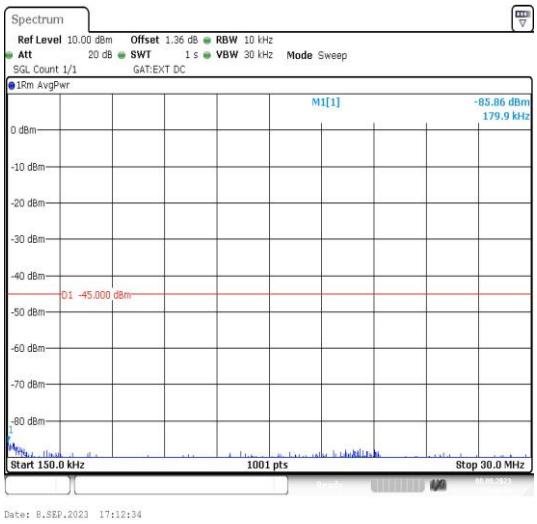
Band38_10MHz_16QAM_38000_1RB#0_1000~20000_1000~20000	Band38_10MHz_16QAM_38000_1RB#0_20000~27000_20000~27000
	
Band38_10MHz_QPSK_38200_1RB#0_0.009~0.15_0.009~0.15	Band38_10MHz_QPSK_38200_1RB#0_0.15~30_0.15~30
	
Band38_10MHz_QPSK_38200_1RB#0_30~1000_30~1000	Band38_10MHz_QPSK_38200_1RB#0_1000~20000_1000~20000



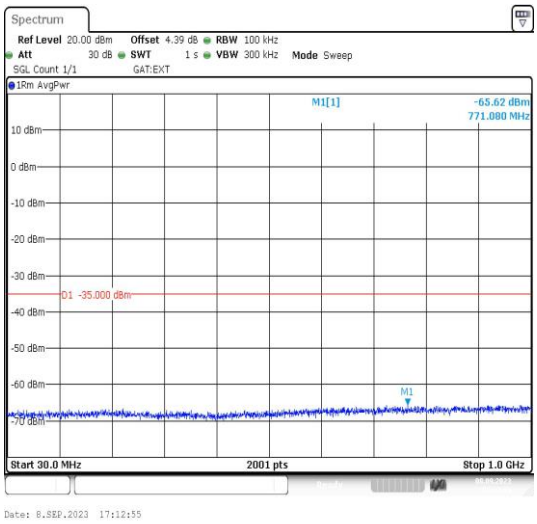
Band38_10MHz_QPSK_38200_1RB#0_20000~27000_20000~27000



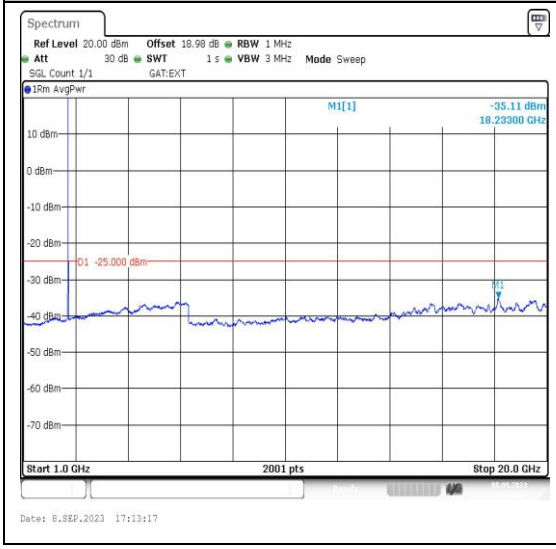
Band38_10MHz_16QAM_38200_1RB#0_0.009~0.15_0.009~0.15

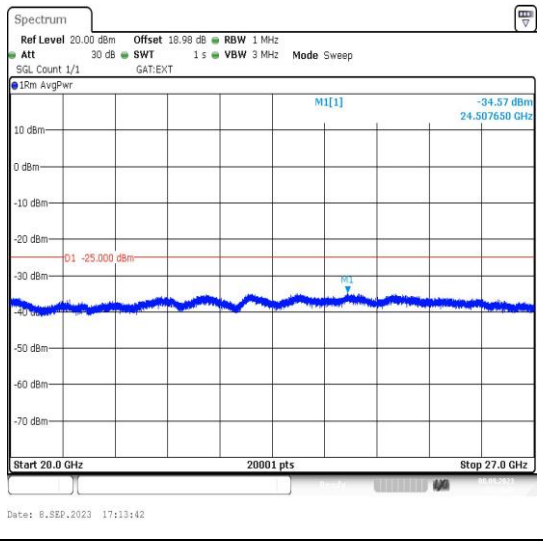


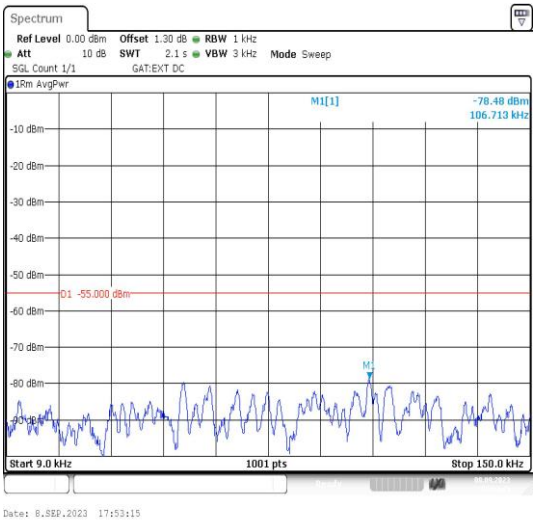
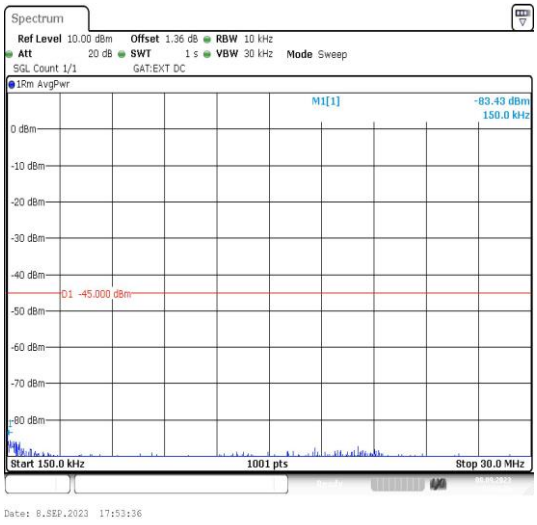
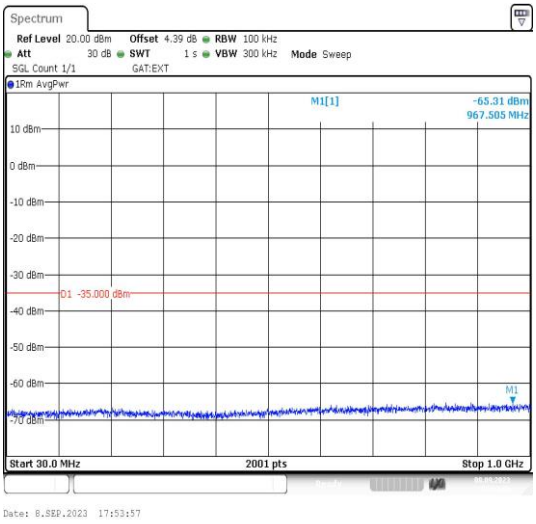
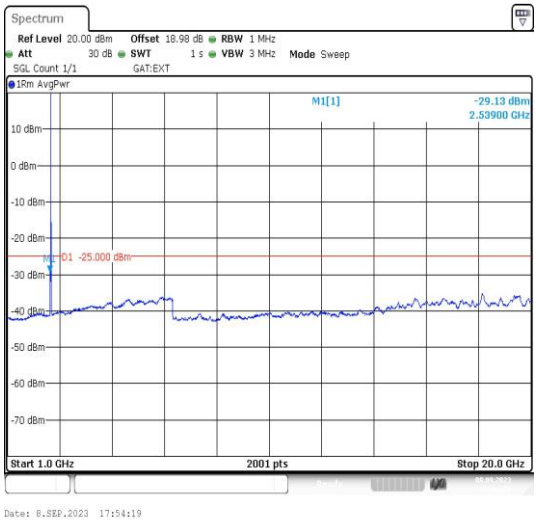
Band38_10MHz_16QAM_38200_1RB#0_0.15~30_0.15~30



Band38_10MHz_16QAM_38200_1RB#0_30~1000_30~1000





Band38_10MHz_16QAM_38200_1RB#0_1000~20000_1000~20000	Band38_10MHz_16QAM_38200_1RB#0_20000~27000_20000~27000
	
Band38_15MHz_QPSK_37825_1RB#0_0.009~0.15_0.009~0.15	Band38_15MHz_QPSK_37825_1RB#0_0.15~30_0.15~30
	
Band38_15MHz_QPSK_37825_1RB#0_30~1000_30~1000	Band38_15MHz_QPSK_37825_1RB#0_1000~20000_1000~20000