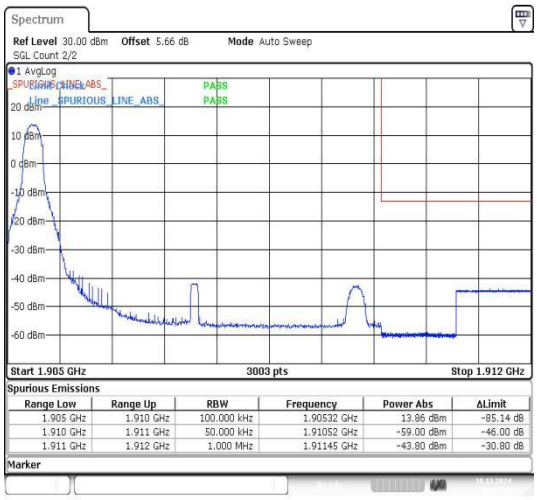
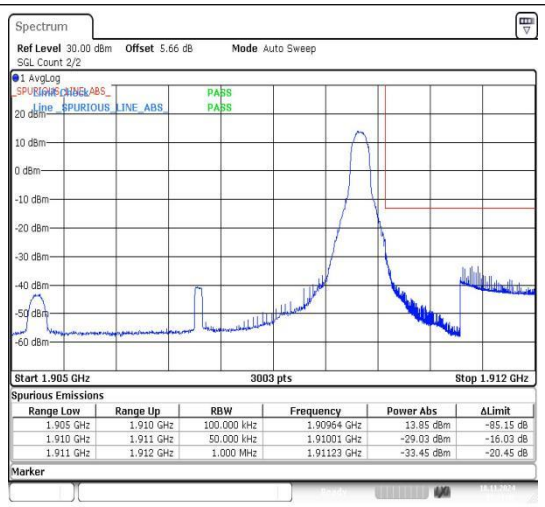
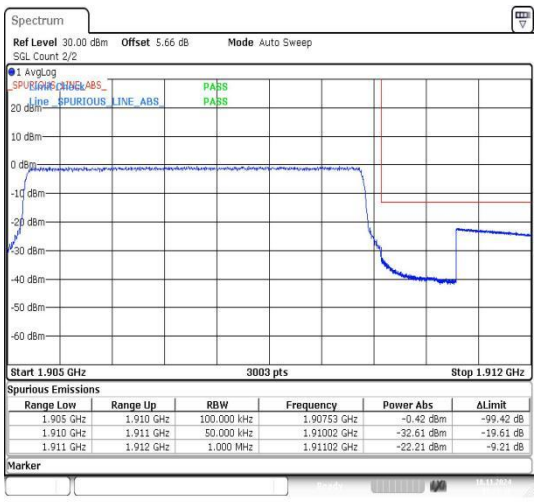


Band2_5MHz_QPSK_19175_1RB#0



Band2_5MHz_QPSK_19175_1RB#24



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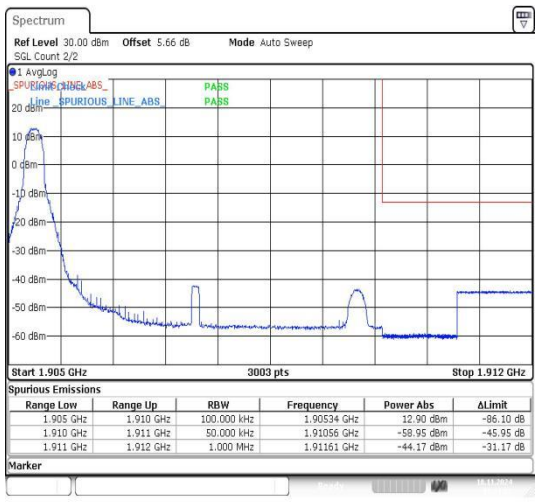
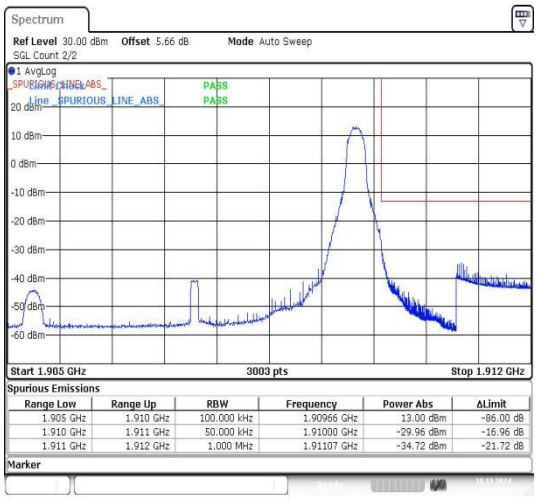


Band2_5MHz_16QAM_19175_1RB#0



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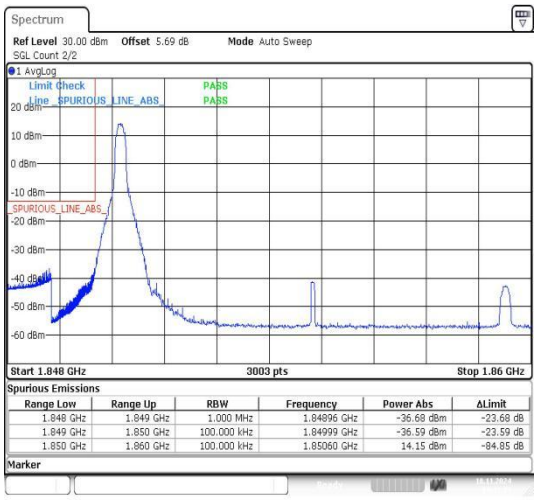
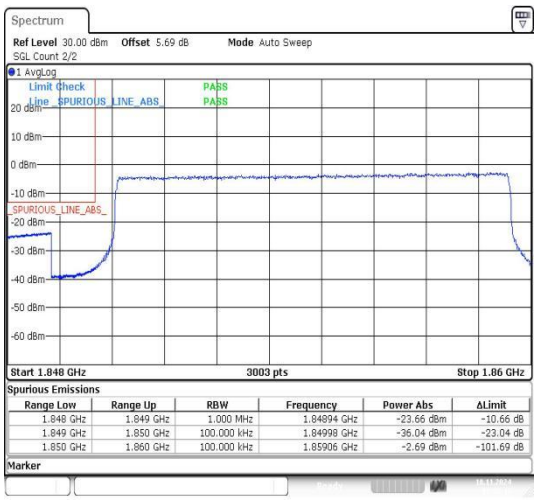


Band2_10MHz_QPSK_18650_1RB#0

Band2_10MHz_QPSK_18650_1RB#49



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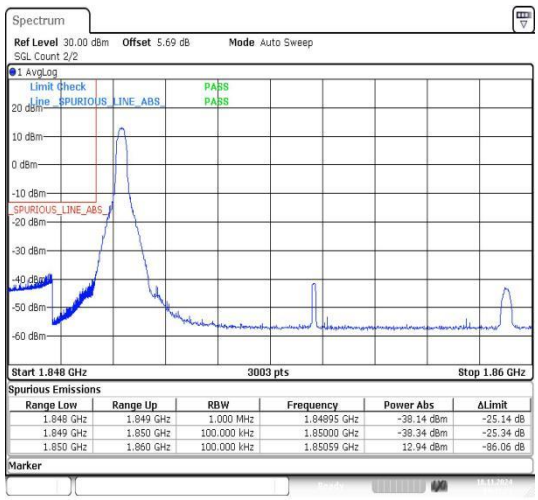

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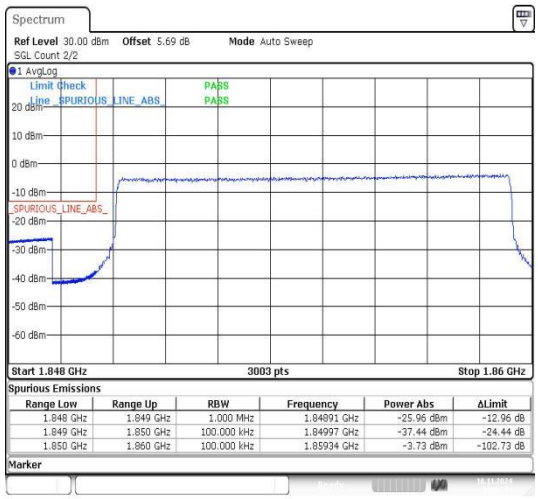
Band2_10MHz_16QAM_18650_1RB#49



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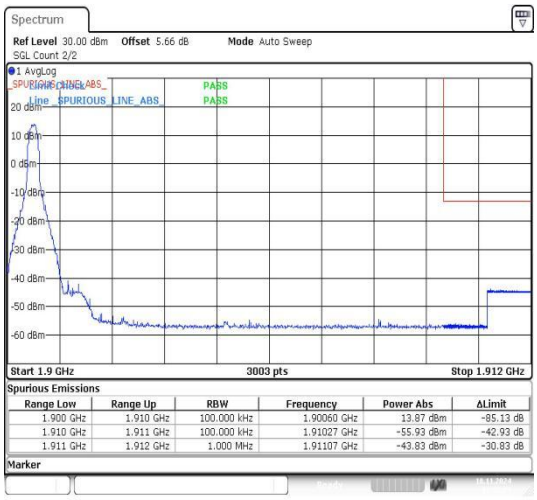

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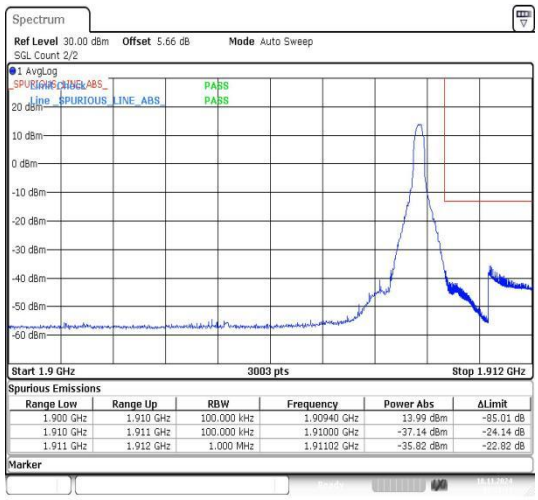
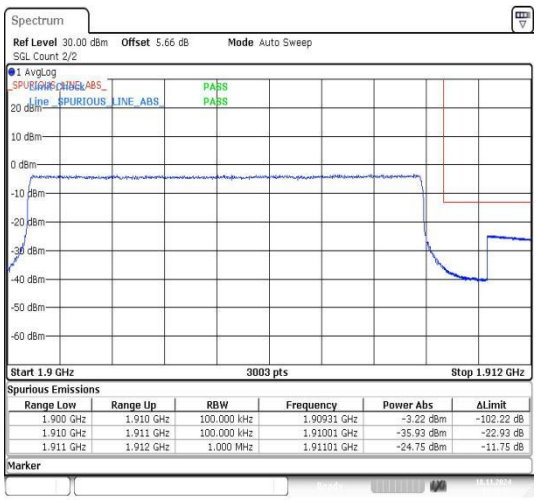


Band2_10MHz_QPSK_19150_1RB#49



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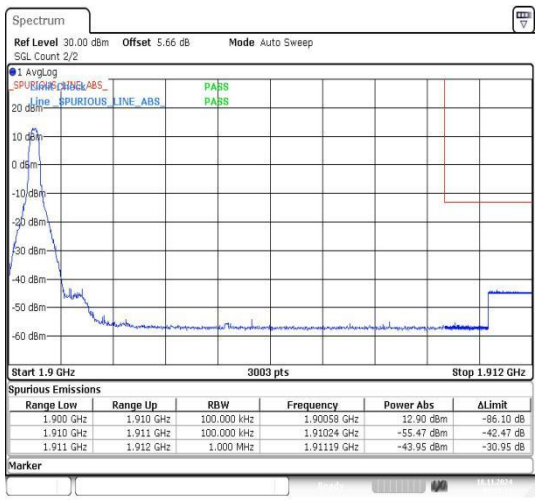
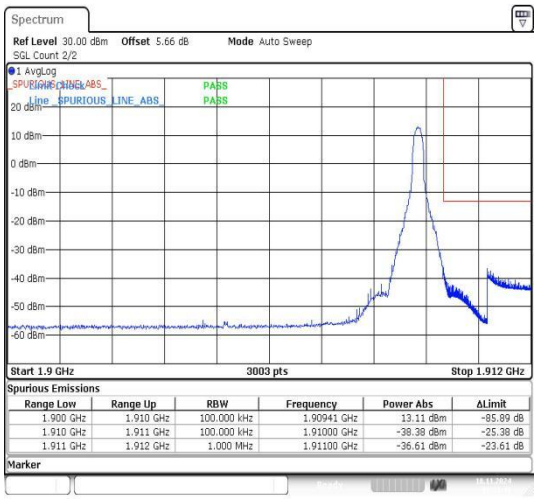
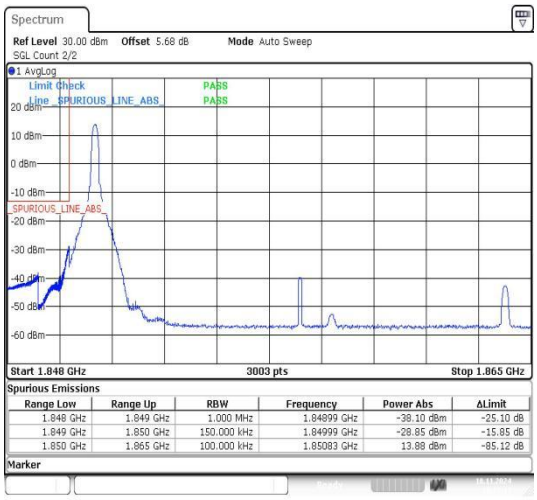


Band2_10MHz_16QAM_19150_1RB#0



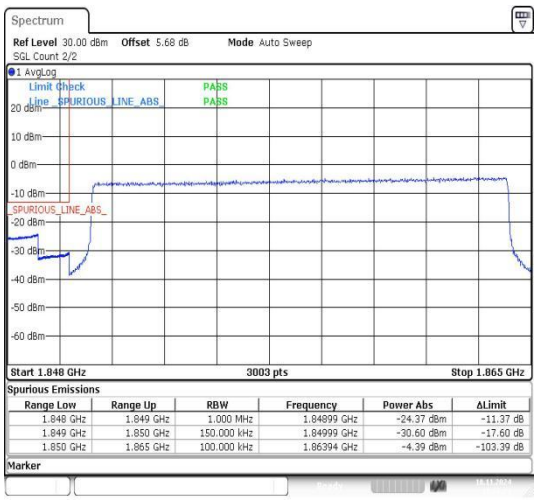
Band2_10MHz_16QAM_19150_1RB#49

Band2_10MHz_16QAM_19150_50RB#0



Band2_15MHz_QPSK_18675_1RB#0

Band2_15MHz_QPSK_18675_1RB#74



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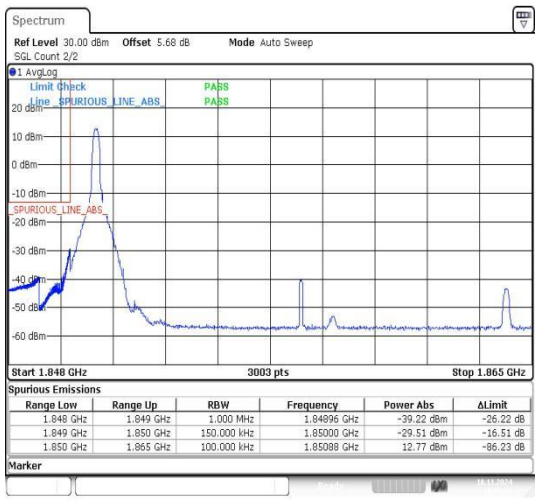

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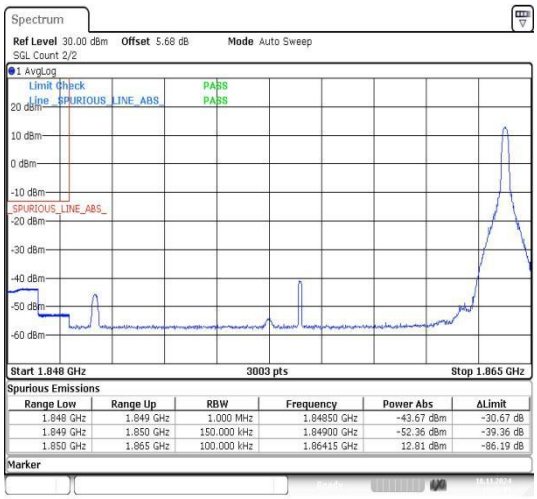

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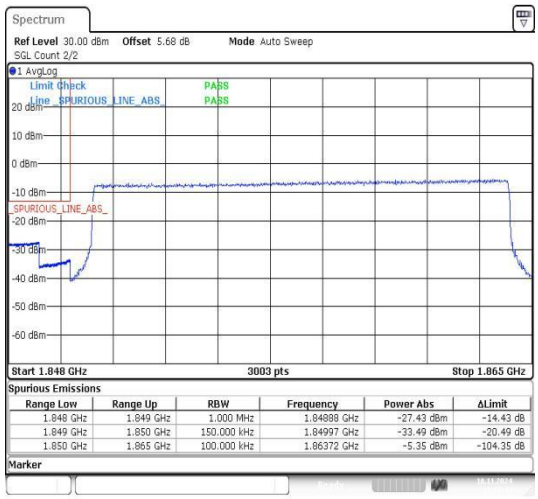

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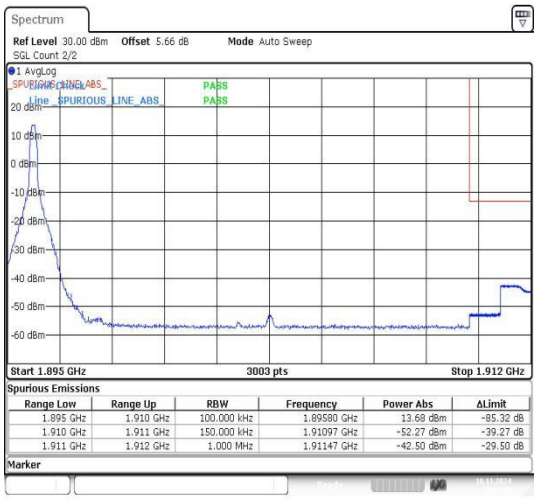

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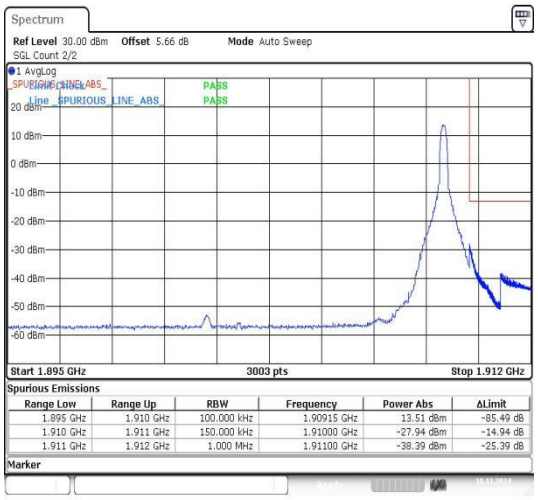

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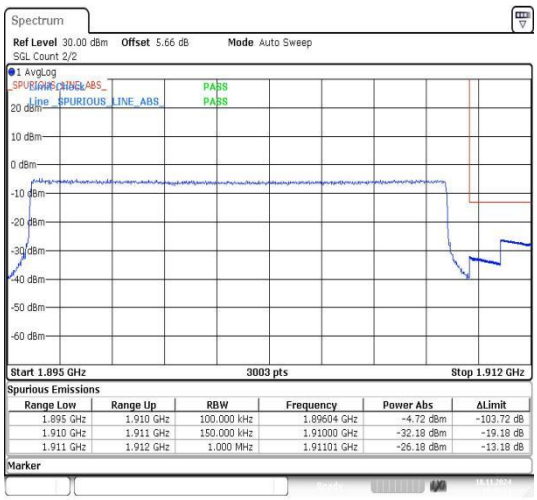

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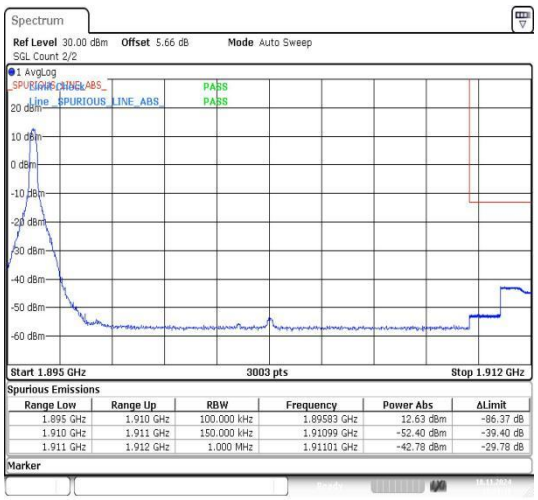

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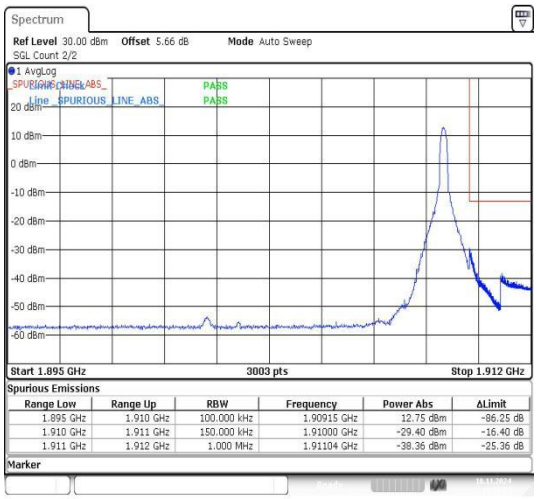

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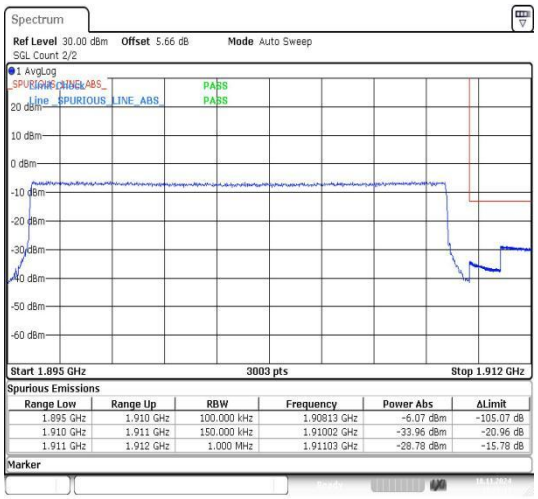

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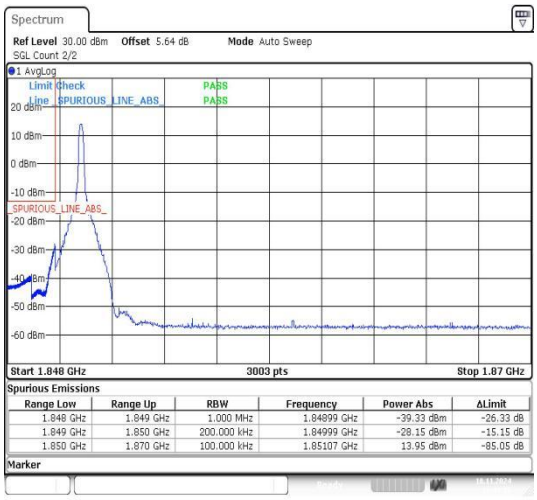

Band2_20MHz_QPSK_18700_1RB#0

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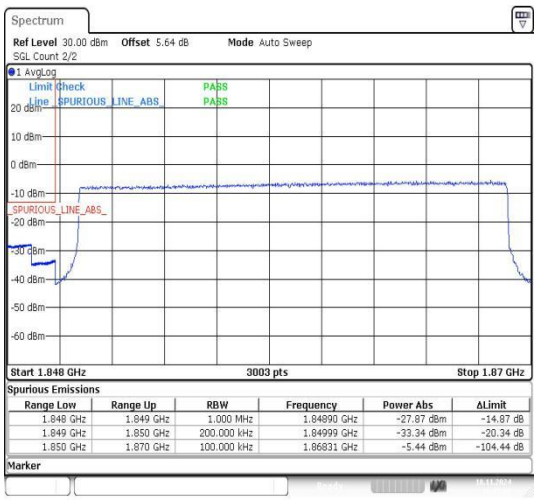
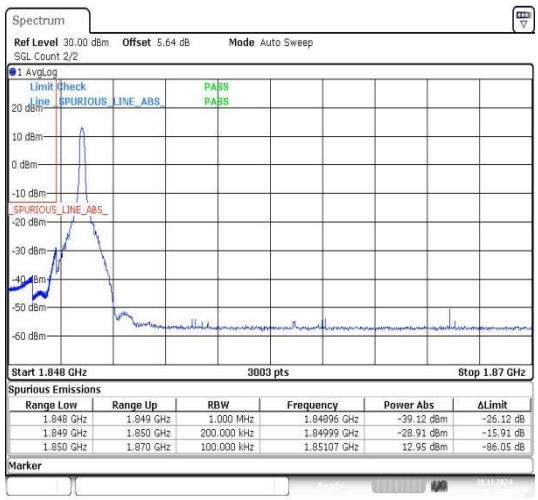
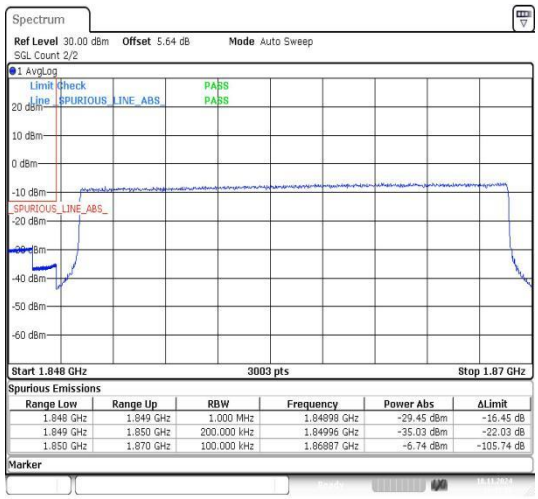


Band2_20MHz_QPSK_18700_100RB#0



Band2_20MHz_16QAM_18700_1RB#0

Band2_20MHz_16QAM_18700_1RB#99



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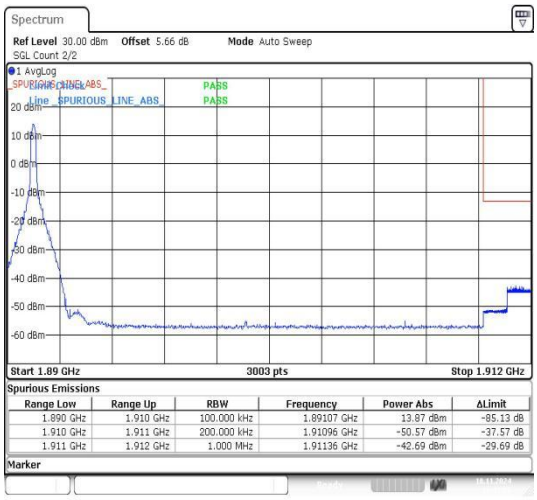
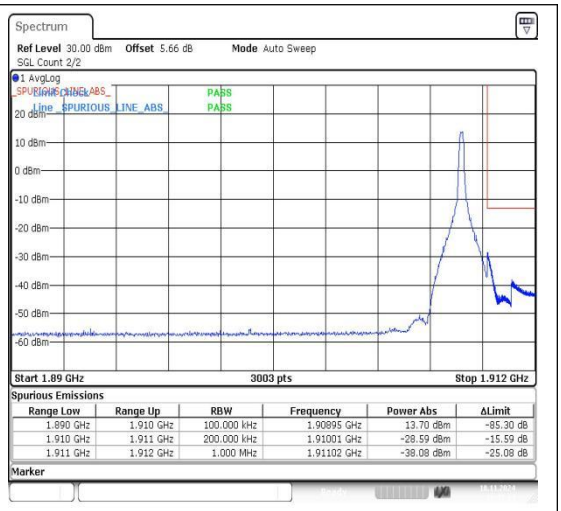


Band2_20MHz_QPSK_19100_1RB#0



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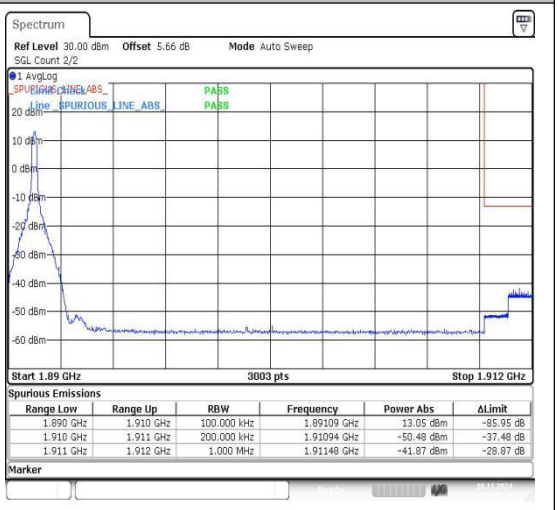
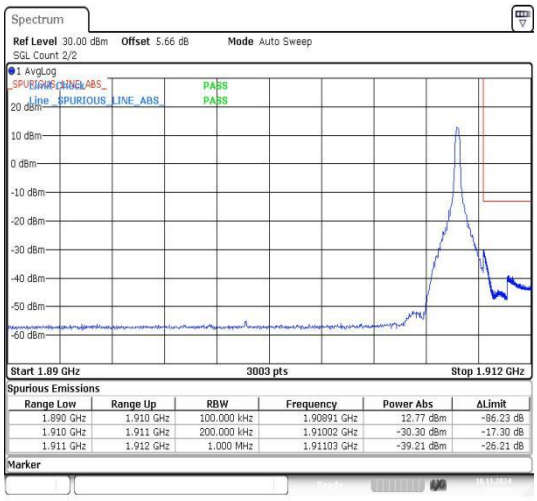
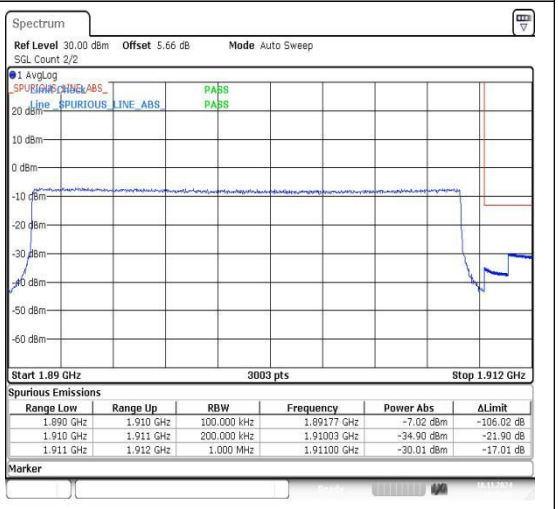
Band2_20MHz_QPSK_19100_100RB#0



Band2_20MHz_16QAM_19100_1RB#0



Band2_20MHz_16QAM_19100_1RB#99



Band2_20MHz_16QAM_19100_100RB#0

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band2	1.4MHz	QPSK	18607	1RB#0	0.009~0.15	-71.76	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	0.15~30	-75.09	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	30~1000	-67.58	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	1000~3000	-51.10	PASS
Band2	1.4MHz	QPSK	18607	1RB#0	3000~20000	-37.15	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.009~0.15	-73.14	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	0.15~30	-75.86	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	30~1000	-67.84	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	1000~3000	-51.96	PASS
Band2	1.4MHz	16QAM	18607	1RB#0	3000~20000	-37.19	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.009~0.15	-74.67	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	0.15~30	-72.91	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	30~1000	-67.87	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	1000~3000	-52.49	PASS
Band2	1.4MHz	QPSK	18900	1RB#0	3000~20000	-37.15	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.009~0.15	-72.37	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	0.15~30	-74.54	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	30~1000	-67.62	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	1000~3000	-52.93	PASS
Band2	1.4MHz	16QAM	18900	1RB#0	3000~20000	-37.05	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.009~0.15	-70.37	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	0.15~30	-74.81	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	30~1000	-67.21	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	1000~3000	-53.10	PASS
Band2	1.4MHz	QPSK	19193	1RB#0	3000~20000	-37.16	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.009~0.15	-69.89	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	0.15~30	-74.53	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	30~1000	-67.74	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	1000~3000	-53.27	PASS
Band2	1.4MHz	16QAM	19193	1RB#0	3000~20000	-37.03	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.009~0.15	-71.16	PASS
Band2	3MHz	QPSK	18615	1RB#0	0.15~30	-75.02	PASS
Band2	3MHz	QPSK	18615	1RB#0	30~1000	-67.77	PASS
Band2	3MHz	QPSK	18615	1RB#0	1000~3000	-53.80	PASS
Band2	3MHz	QPSK	18615	1RB#0	3000~20000	-37.24	PASS
Band2	3MHz	16QAM	18615	1RB#0	0.009~0.15	-72.45	PASS
Band2	3MHz	16QAM	18615	1RB#0	0.15~30	-75.79	PASS

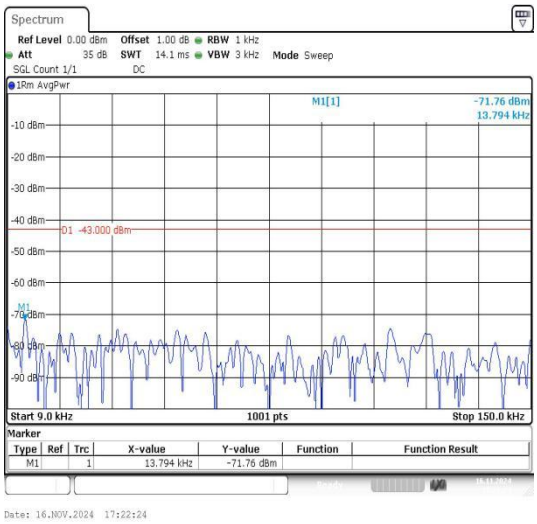
Band2	3MHz	16QAM	18615	1RB#0	30~1000	-67.65	PASS
Band2	3MHz	16QAM	18615	1RB#0	1000~3000	-53.86	PASS
Band2	3MHz	16QAM	18615	1RB#0	3000~20000	-37.13	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.009~0.15	-73.43	PASS
Band2	3MHz	QPSK	18900	1RB#0	0.15~30	-76.02	PASS
Band2	3MHz	QPSK	18900	1RB#0	30~1000	-67.73	PASS
Band2	3MHz	QPSK	18900	1RB#0	1000~3000	-53.91	PASS
Band2	3MHz	QPSK	18900	1RB#0	3000~20000	-36.98	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.009~0.15	-72.11	PASS
Band2	3MHz	16QAM	18900	1RB#0	0.15~30	-76.36	PASS
Band2	3MHz	16QAM	18900	1RB#0	30~1000	-67.87	PASS
Band2	3MHz	16QAM	18900	1RB#0	1000~3000	-53.85	PASS
Band2	3MHz	16QAM	18900	1RB#0	3000~20000	-37.09	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.009~0.15	-74.54	PASS
Band2	3MHz	QPSK	19185	1RB#0	0.15~30	-74.55	PASS
Band2	3MHz	QPSK	19185	1RB#0	30~1000	-67.70	PASS
Band2	3MHz	QPSK	19185	1RB#0	1000~3000	-53.82	PASS
Band2	3MHz	QPSK	19185	1RB#0	3000~20000	-37.18	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.009~0.15	-72.91	PASS
Band2	3MHz	16QAM	19185	1RB#0	0.15~30	-75.83	PASS
Band2	3MHz	16QAM	19185	1RB#0	30~1000	-67.44	PASS
Band2	3MHz	16QAM	19185	1RB#0	1000~3000	-53.95	PASS
Band2	3MHz	16QAM	19185	1RB#0	3000~20000	-37.16	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.009~0.15	-71.03	PASS
Band2	5MHz	QPSK	18625	1RB#0	0.15~30	-74.56	PASS
Band2	5MHz	QPSK	18625	1RB#0	30~1000	-67.86	PASS
Band2	5MHz	QPSK	18625	1RB#0	1000~3000	-53.79	PASS
Band2	5MHz	QPSK	18625	1RB#0	3000~20000	-37.08	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.009~0.15	-72.86	PASS
Band2	5MHz	16QAM	18625	1RB#0	0.15~30	-75.36	PASS
Band2	5MHz	16QAM	18625	1RB#0	30~1000	-67.52	PASS
Band2	5MHz	16QAM	18625	1RB#0	1000~3000	-53.78	PASS
Band2	5MHz	16QAM	18625	1RB#0	3000~20000	-37.14	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.009~0.15	-71.55	PASS
Band2	5MHz	QPSK	18900	1RB#0	0.15~30	-74.51	PASS
Band2	5MHz	QPSK	18900	1RB#0	30~1000	-67.45	PASS
Band2	5MHz	QPSK	18900	1RB#0	1000~3000	-53.62	PASS
Band2	5MHz	QPSK	18900	1RB#0	3000~20000	-37.16	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.009~0.15	-71.87	PASS
Band2	5MHz	16QAM	18900	1RB#0	0.15~30	-74.87	PASS
Band2	5MHz	16QAM	18900	1RB#0	30~1000	-67.59	PASS
Band2	5MHz	16QAM	18900	1RB#0	1000~3000	-53.87	PASS

Band2	5MHz	16QAM	18900	1RB#0	3000~20000	-37.17	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.009~0.15	-73.45	PASS
Band2	5MHz	QPSK	19175	1RB#0	0.15~30	-75.12	PASS
Band2	5MHz	QPSK	19175	1RB#0	30~1000	-67.79	PASS
Band2	5MHz	QPSK	19175	1RB#0	1000~3000	-53.93	PASS
Band2	5MHz	QPSK	19175	1RB#0	3000~20000	-37.14	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.009~0.15	-73.27	PASS
Band2	5MHz	16QAM	19175	1RB#0	0.15~30	-74.50	PASS
Band2	5MHz	16QAM	19175	1RB#0	30~1000	-67.62	PASS
Band2	5MHz	16QAM	19175	1RB#0	1000~3000	-53.80	PASS
Band2	5MHz	16QAM	19175	1RB#0	3000~20000	-37.09	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.009~0.15	-73.38	PASS
Band2	10MHz	QPSK	18650	1RB#0	0.15~30	-75.40	PASS
Band2	10MHz	QPSK	18650	1RB#0	30~1000	-67.76	PASS
Band2	10MHz	QPSK	18650	1RB#0	1000~3000	-53.77	PASS
Band2	10MHz	QPSK	18650	1RB#0	3000~20000	-37.21	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.009~0.15	-75.19	PASS
Band2	10MHz	16QAM	18650	1RB#0	0.15~30	-74.99	PASS
Band2	10MHz	16QAM	18650	1RB#0	30~1000	-67.22	PASS
Band2	10MHz	16QAM	18650	1RB#0	1000~3000	-53.83	PASS
Band2	10MHz	16QAM	18650	1RB#0	3000~20000	-37.21	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.009~0.15	-72.46	PASS
Band2	10MHz	QPSK	18900	1RB#0	0.15~30	-75.78	PASS
Band2	10MHz	QPSK	18900	1RB#0	30~1000	-67.59	PASS
Band2	10MHz	QPSK	18900	1RB#0	1000~3000	-53.89	PASS
Band2	10MHz	QPSK	18900	1RB#0	3000~20000	-37.20	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.009~0.15	-74.60	PASS
Band2	10MHz	16QAM	18900	1RB#0	0.15~30	-75.21	PASS
Band2	10MHz	16QAM	18900	1RB#0	30~1000	-67.46	PASS
Band2	10MHz	16QAM	18900	1RB#0	1000~3000	-53.88	PASS
Band2	10MHz	16QAM	18900	1RB#0	3000~20000	-37.13	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.009~0.15	-73.42	PASS
Band2	10MHz	QPSK	19150	1RB#0	0.15~30	-75.04	PASS
Band2	10MHz	QPSK	19150	1RB#0	30~1000	-67.67	PASS
Band2	10MHz	QPSK	19150	1RB#0	1000~3000	-53.89	PASS
Band2	10MHz	QPSK	19150	1RB#0	3000~20000	-37.13	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.009~0.15	-70.32	PASS
Band2	10MHz	16QAM	19150	1RB#0	0.15~30	-74.83	PASS
Band2	10MHz	16QAM	19150	1RB#0	30~1000	-67.34	PASS
Band2	10MHz	16QAM	19150	1RB#0	1000~3000	-53.78	PASS
Band2	10MHz	16QAM	19150	1RB#0	3000~20000	-37.06	PASS
Band2	15MHz	QPSK	18675	1RB#0	0.009~0.15	-74.30	PASS

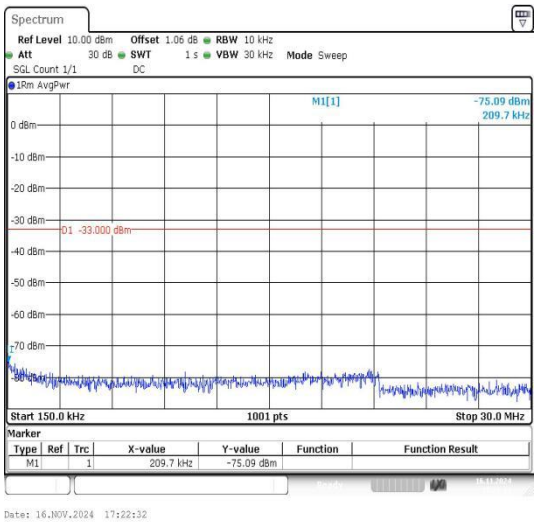
Band2	15MHz	QPSK	18675	1RB#0	0.15~30	-74.81	PASS
Band2	15MHz	QPSK	18675	1RB#0	30~1000	-67.56	PASS
Band2	15MHz	QPSK	18675	1RB#0	1000~3000	-53.83	PASS
Band2	15MHz	QPSK	18675	1RB#0	3000~20000	-37.26	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.009~0.15	-72.29	PASS
Band2	15MHz	16QAM	18675	1RB#0	0.15~30	-75.50	PASS
Band2	15MHz	16QAM	18675	1RB#0	30~1000	-67.69	PASS
Band2	15MHz	16QAM	18675	1RB#0	1000~3000	-53.83	PASS
Band2	15MHz	16QAM	18675	1RB#0	3000~20000	-37.25	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.009~0.15	-71.41	PASS
Band2	15MHz	QPSK	18900	1RB#0	0.15~30	-74.86	PASS
Band2	15MHz	QPSK	18900	1RB#0	30~1000	-67.73	PASS
Band2	15MHz	QPSK	18900	1RB#0	1000~3000	-53.89	PASS
Band2	15MHz	QPSK	18900	1RB#0	3000~20000	-37.13	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.009~0.15	-70.68	PASS
Band2	15MHz	16QAM	18900	1RB#0	0.15~30	-74.63	PASS
Band2	15MHz	16QAM	18900	1RB#0	30~1000	-67.83	PASS
Band2	15MHz	16QAM	18900	1RB#0	1000~3000	-53.82	PASS
Band2	15MHz	16QAM	18900	1RB#0	3000~20000	-37.04	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.009~0.15	-70.67	PASS
Band2	15MHz	QPSK	19125	1RB#0	0.15~30	-74.03	PASS
Band2	15MHz	QPSK	19125	1RB#0	30~1000	-67.59	PASS
Band2	15MHz	QPSK	19125	1RB#0	1000~3000	-53.95	PASS
Band2	15MHz	QPSK	19125	1RB#0	3000~20000	-37.14	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.009~0.15	-75.07	PASS
Band2	15MHz	16QAM	19125	1RB#0	0.15~30	-74.79	PASS
Band2	15MHz	16QAM	19125	1RB#0	30~1000	-67.70	PASS
Band2	15MHz	16QAM	19125	1RB#0	1000~3000	-53.91	PASS
Band2	15MHz	16QAM	19125	1RB#0	3000~20000	-37.06	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.009~0.15	-74.32	PASS
Band2	20MHz	QPSK	18700	1RB#0	0.15~30	-73.92	PASS
Band2	20MHz	QPSK	18700	1RB#0	30~1000	-67.67	PASS
Band2	20MHz	QPSK	18700	1RB#0	1000~3000	-53.77	PASS
Band2	20MHz	QPSK	18700	1RB#0	3000~20000	-37.15	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.009~0.15	-73.96	PASS
Band2	20MHz	16QAM	18700	1RB#0	0.15~30	-75.43	PASS
Band2	20MHz	16QAM	18700	1RB#0	30~1000	-67.54	PASS
Band2	20MHz	16QAM	18700	1RB#0	1000~3000	-53.87	PASS
Band2	20MHz	16QAM	18700	1RB#0	3000~20000	-37.20	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.009~0.15	-71.84	PASS
Band2	20MHz	QPSK	18900	1RB#0	0.15~30	-75.61	PASS
Band2	20MHz	QPSK	18900	1RB#0	30~1000	-67.73	PASS

Band2	20MHz	QPSK	18900	1RB#0	1000~3000	-53.90	PASS
Band2	20MHz	QPSK	18900	1RB#0	3000~20000	-37.14	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.009~0.15	-72.73	PASS
Band2	20MHz	16QAM	18900	1RB#0	0.15~30	-75.34	PASS
Band2	20MHz	16QAM	18900	1RB#0	30~1000	-67.89	PASS
Band2	20MHz	16QAM	18900	1RB#0	1000~3000	-53.72	PASS
Band2	20MHz	16QAM	18900	1RB#0	3000~20000	-37.20	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.009~0.15	-69.49	PASS
Band2	20MHz	QPSK	19100	1RB#0	0.15~30	-74.77	PASS
Band2	20MHz	QPSK	19100	1RB#0	30~1000	-67.37	PASS
Band2	20MHz	QPSK	19100	1RB#0	1000~3000	-53.88	PASS
Band2	20MHz	QPSK	19100	1RB#0	3000~20000	-36.94	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.009~0.15	-72.57	PASS
Band2	20MHz	16QAM	19100	1RB#0	0.15~30	-76.37	PASS
Band2	20MHz	16QAM	19100	1RB#0	30~1000	-68.06	PASS
Band2	20MHz	16QAM	19100	1RB#0	1000~3000	-53.76	PASS
Band2	20MHz	16QAM	19100	1RB#0	3000~20000	-37.10	PASS

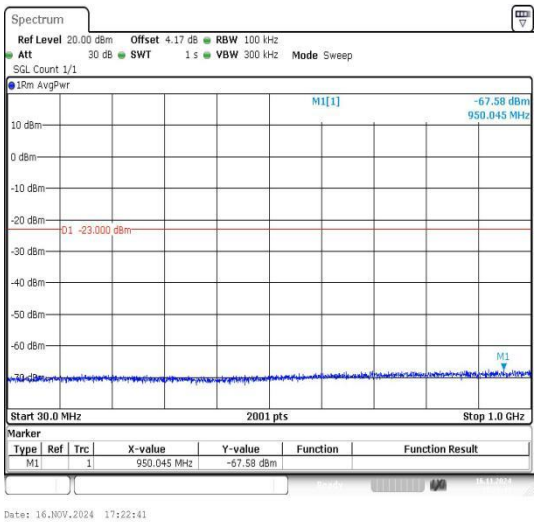
Test Graphs



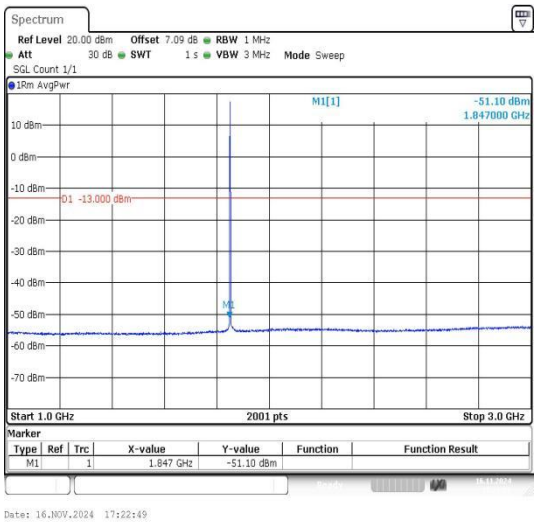
Band2_1.4MHz_QPSK_18607_1RB#0_0.009~0.15_0.009~0.15



Band2_1.4MHz_QPSK_18607_1RB#0_0.15~30_0.15~30



Band2_1.4MHz_QPSK_18607_1RB#0_30~1000_30~1000



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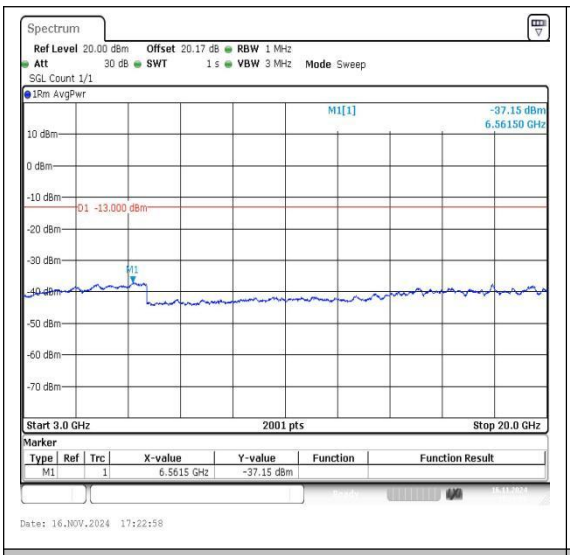

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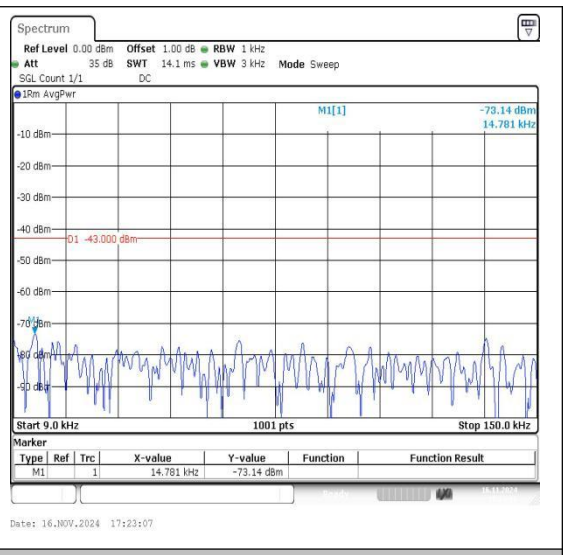

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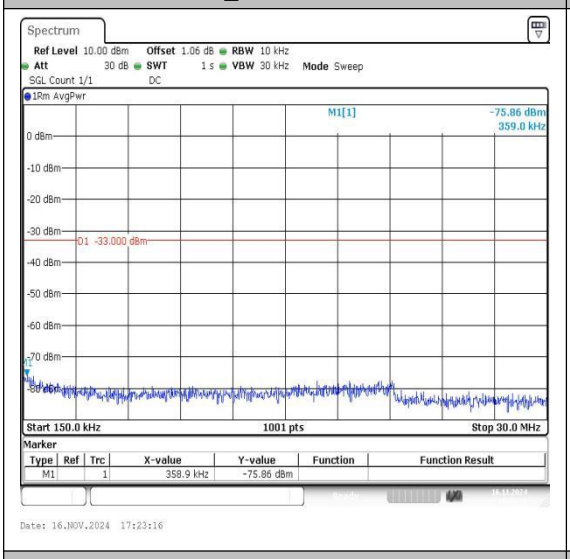
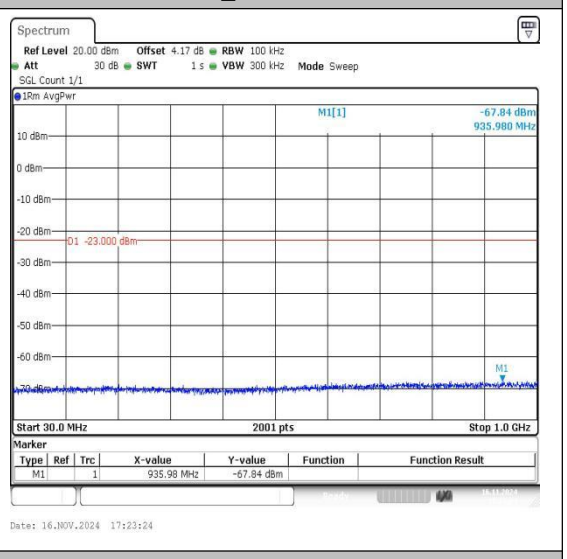
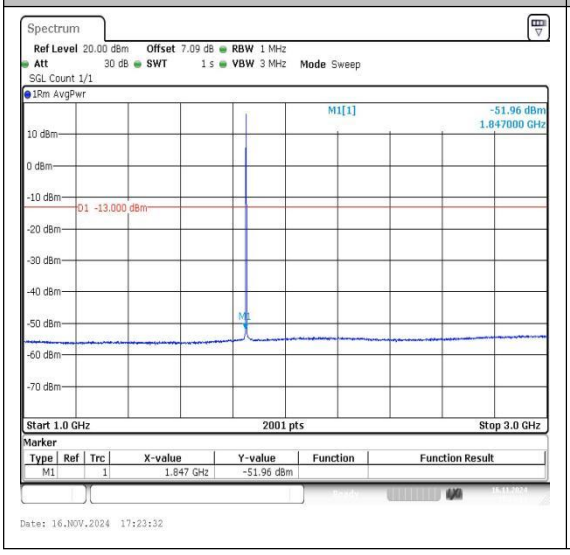
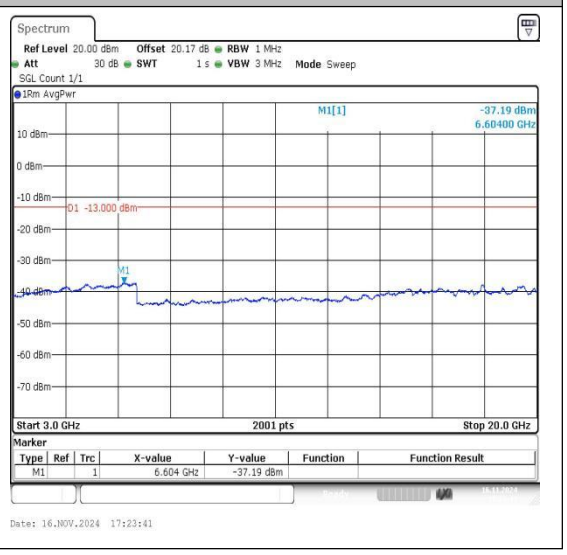


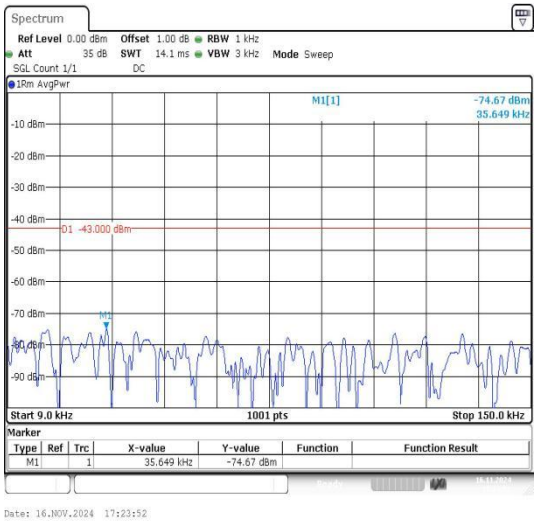
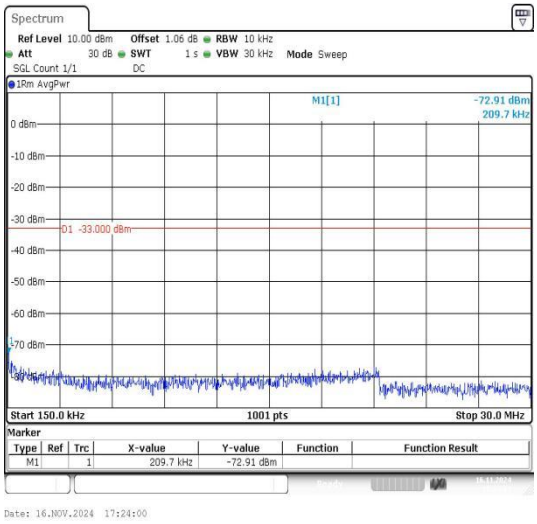
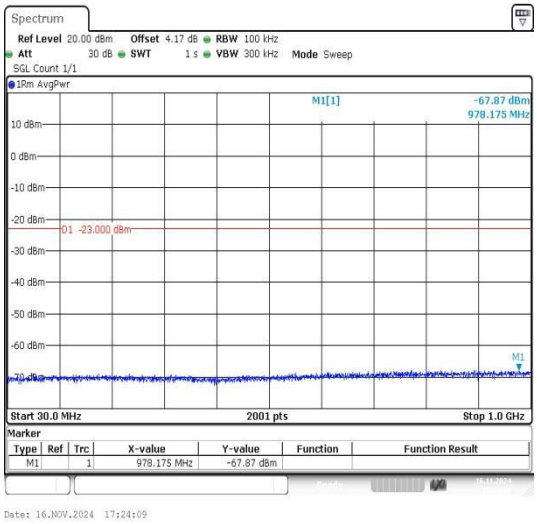
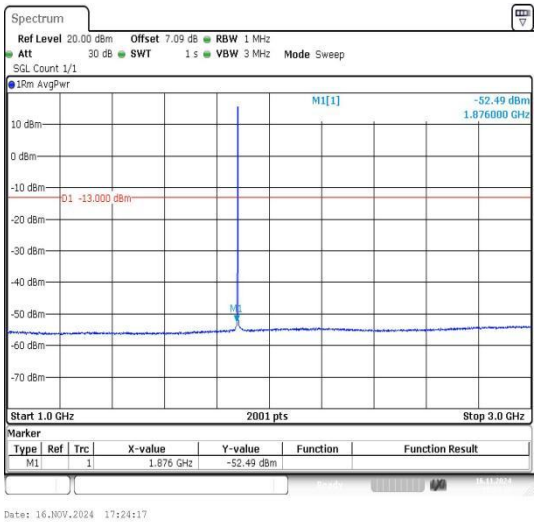
Band2_1.4MHz_16QAM_18607_1RB#0_0.15~30_0.15~30

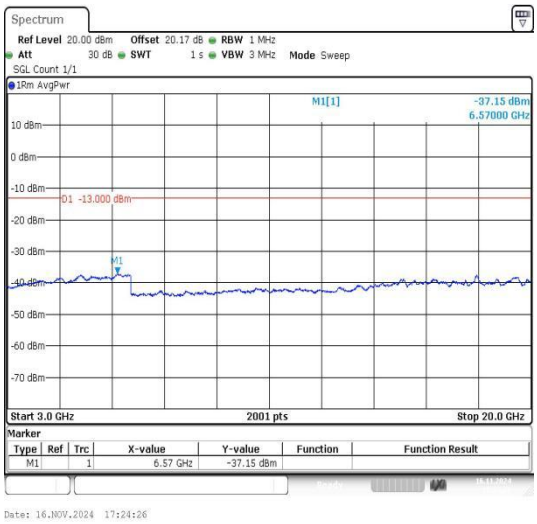


Band2_1.4MHz_16QAM_18607_1RB#0_30~1000_30~1000

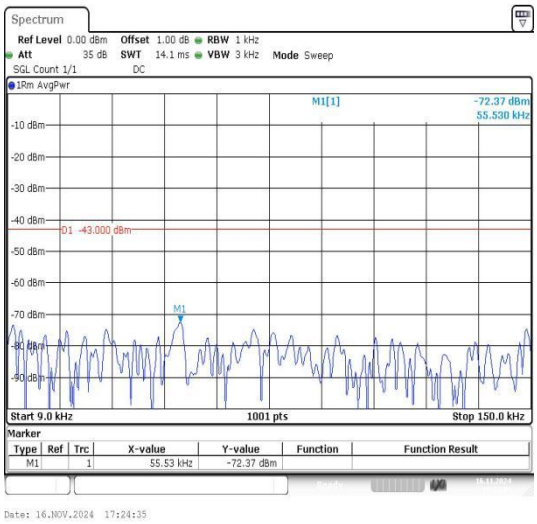




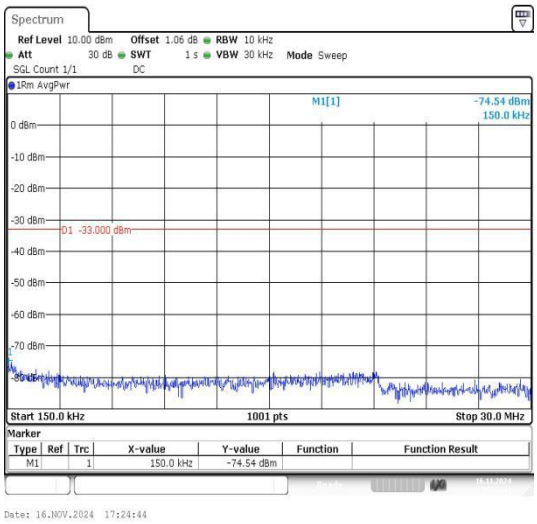
Band2_1.4MHz_16QAM_18607_1RB#0_1000~3000_1000~3000	Band2_1.4MHz_16QAM_18607_1RB#0_3000~20000_3000~20000
	
Band2_1.4MHz_QPSK_18900_1RB#0_0.009~0.15_0.009~0.15	Band2_1.4MHz_QPSK_18900_1RB#0_0.15~30_0.15~30
	
Band2_1.4MHz_QPSK_18900_1RB#0_30~1000_30~1000	Band2_1.4MHz_QPSK_18900_1RB#0_1000~3000_1000~3000



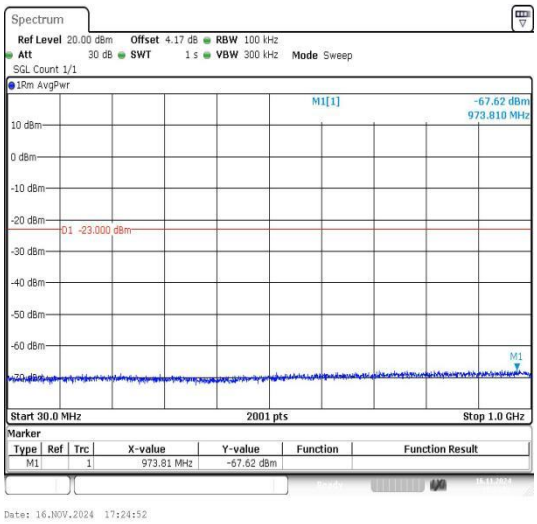
Band2_1.4MHz_QPSK_18900_1RB#0_3000~20000_3000~20000



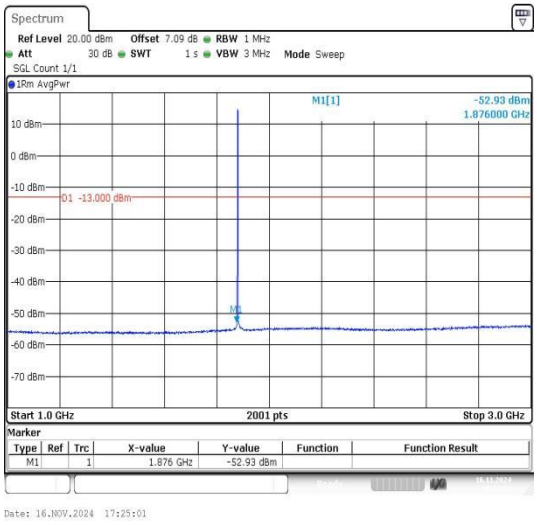
Band2_1.4MHz_16QAM_18900_1RB#0_0.009~0.15_0.009~0.15

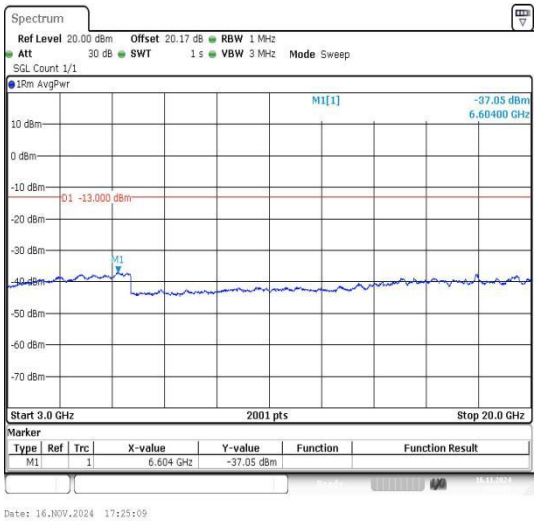


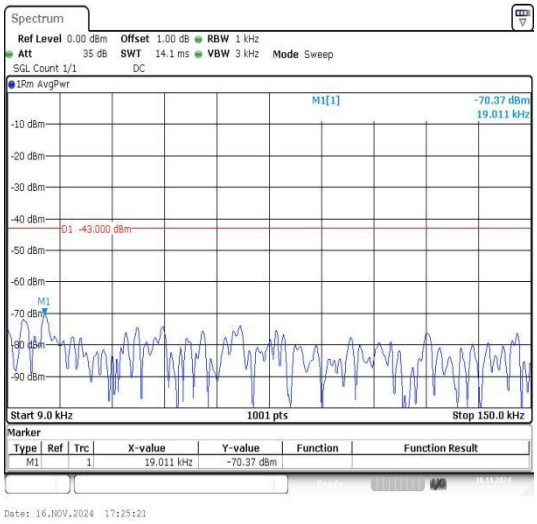
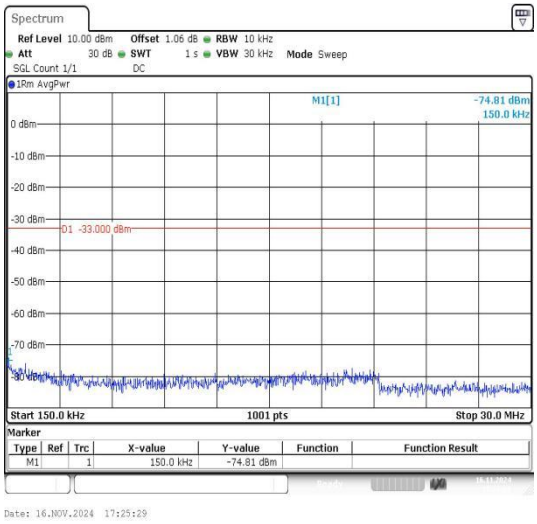
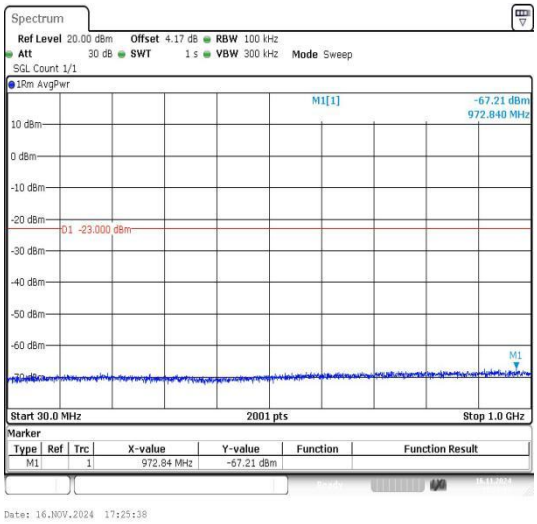
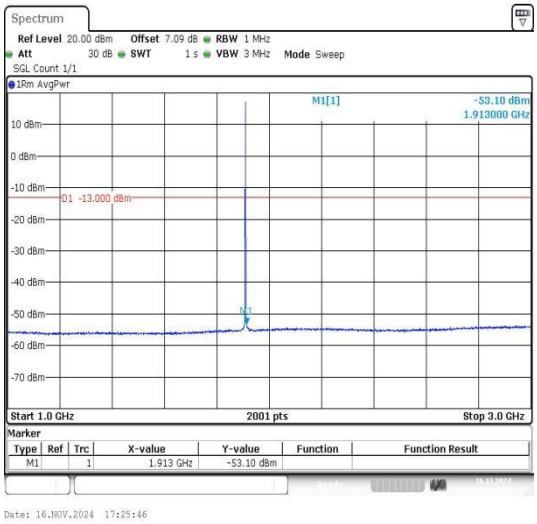
Band2_1.4MHz_16QAM_18900_1RB#0_0.15~30_0.15~30



Band2_1.4MHz_16QAM_18900_1RB#0_30~1000_30~1000





Band2_1.4MHz_16QAM_18900_1RB#0_1000~3000_1000~3000	Band2_1.4MHz_16QAM_18900_1RB#0_3000~20000_3000~20000
	
Band2_1.4MHz_QPSK_19193_1RB#0_0.009~0.15_0.009~0.15	Band2_1.4MHz_QPSK_19193_1RB#0_0.15~30_0.15~30
	
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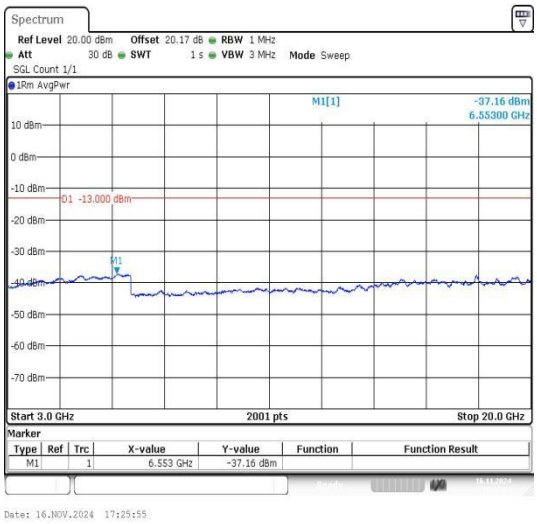
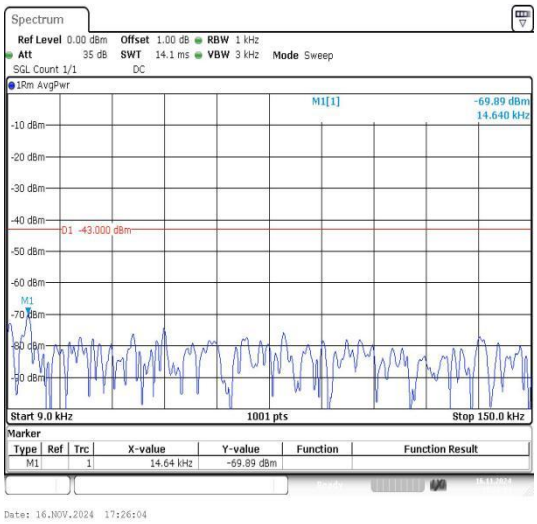
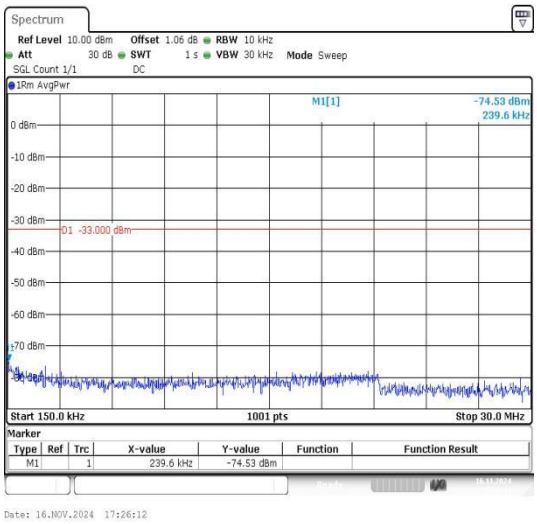


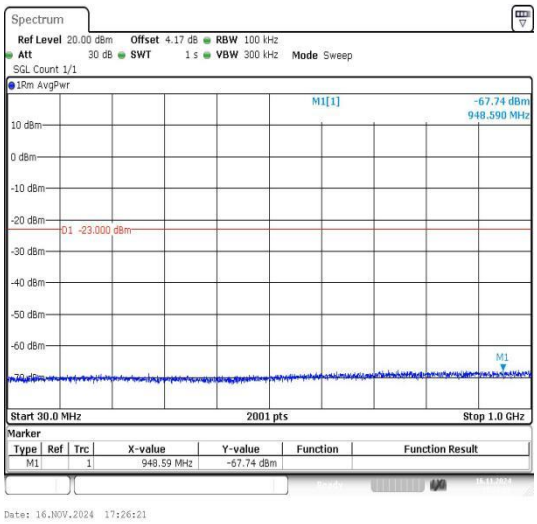
Band2_1.4MHz_QPSK_19193_1RB#0_3000~20000_3000~20000



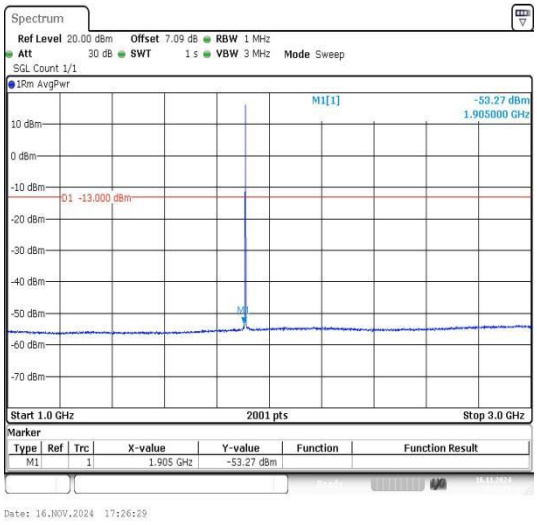
Band2_1.4MHz_16QAM_19193_1RB#0_0.009~0.15_0.009~0.15

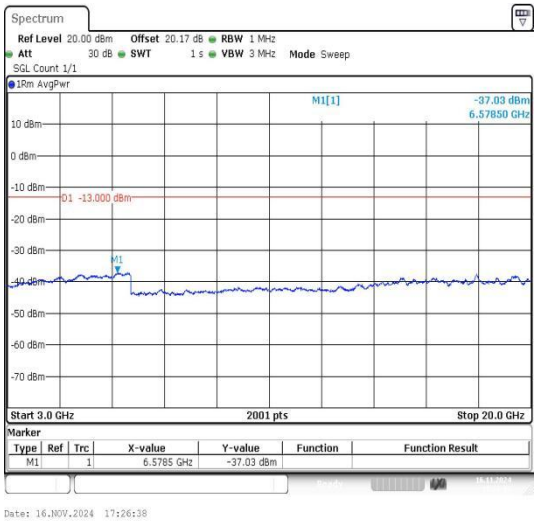


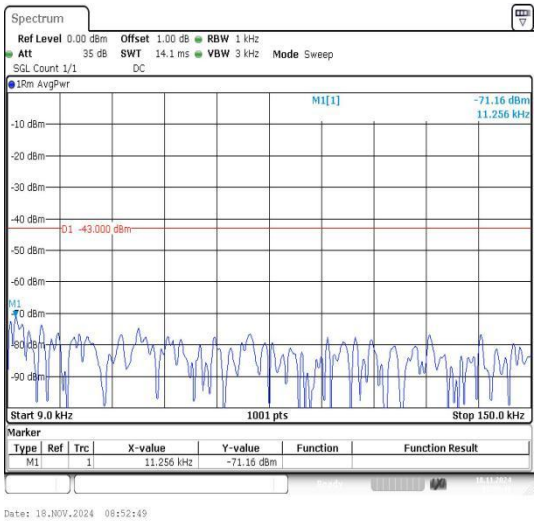
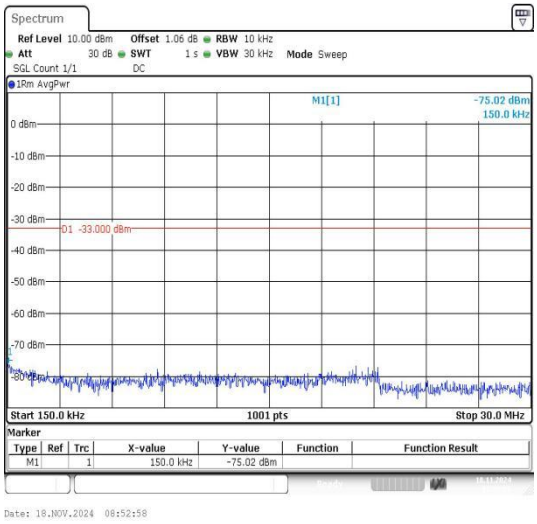
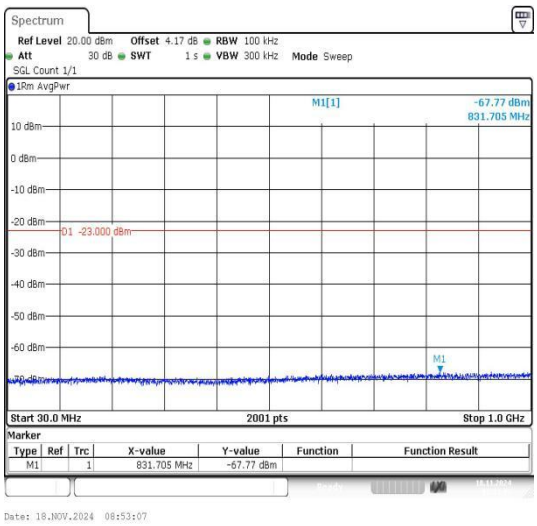
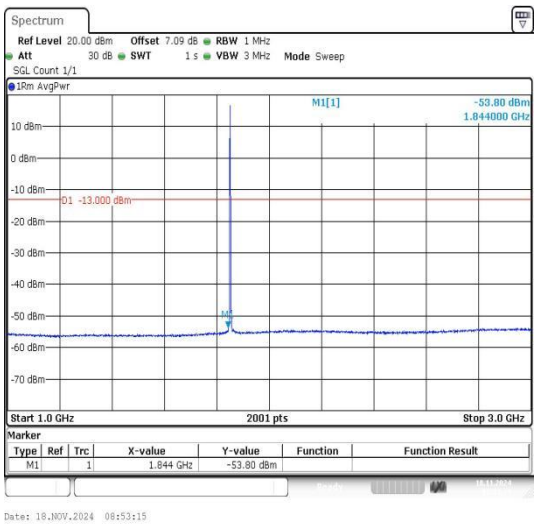
Band2_1.4MHz_16QAM_19193_1RB#0_0.15~30_0.15~30

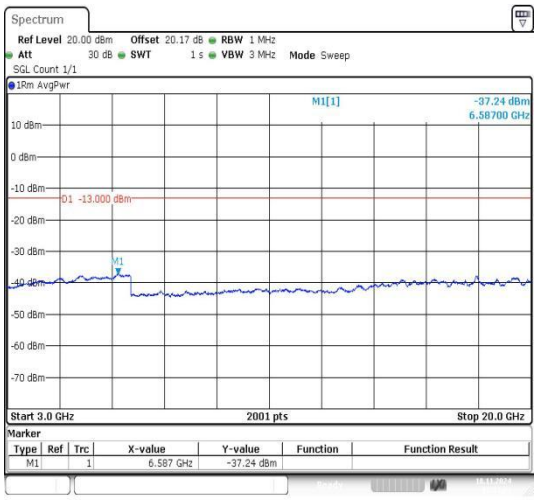


Band2_1.4MHz_16QAM_19193_1RB#0_30~1000_30~1000

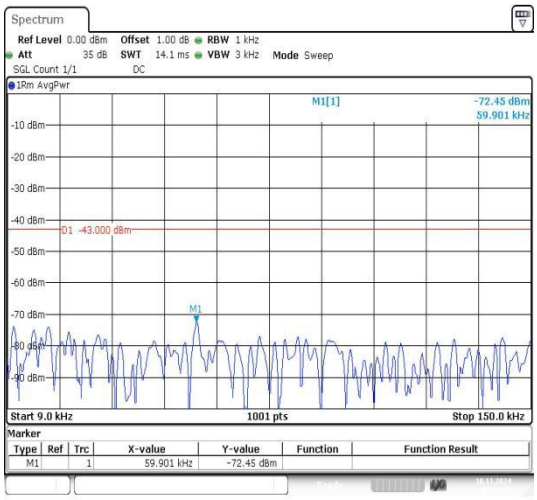




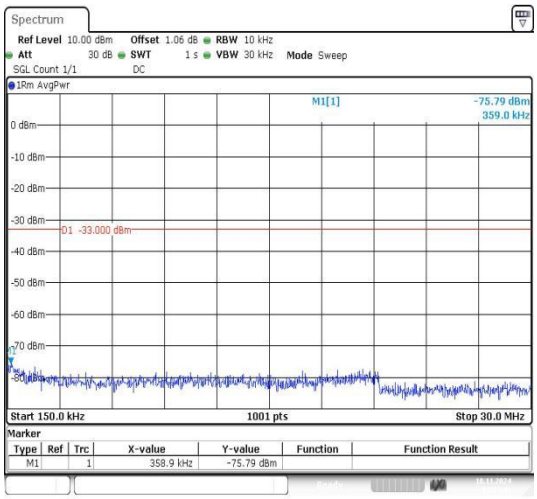
Band2_1.4MHz_16QAM_19193_1RB#0_1000~3000_1000~3000	Band2_1.4MHz_16QAM_19193_1RB#0_3000~20000_3000~20000
	
Band2_3MHz_QPSK_18615_1RB#0_0.009~0.15_0.009~0.15	Band2_3MHz_QPSK_18615_1RB#0_0.15~30_0.15~30
	
Band2_3MHz_QPSK_18615_1RB#0_30~1000_30~1000	Band2_3MHz_QPSK_18615_1RB#0_1000~3000_1000~3000



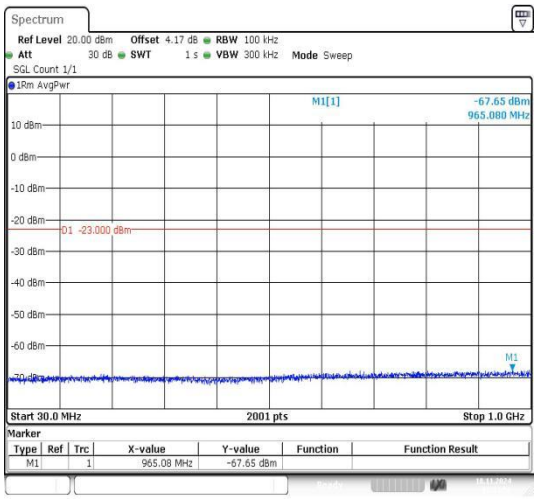
Band2_3MHz_QPSK_18615_1RB#0_3000~20000_3000~20000



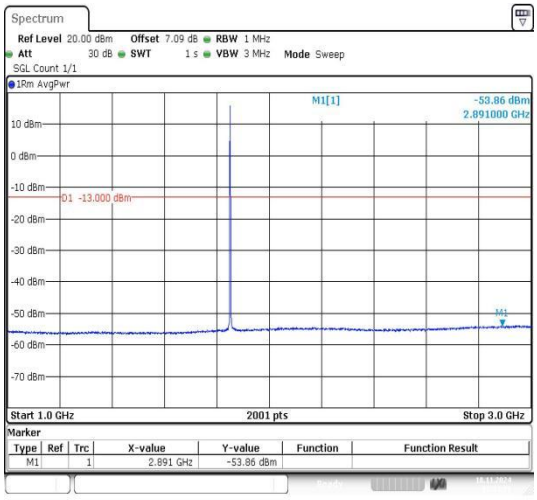
Band2_3MHz_16QAM_18615_1RB#0_0.009~0.15_0.009~0.15

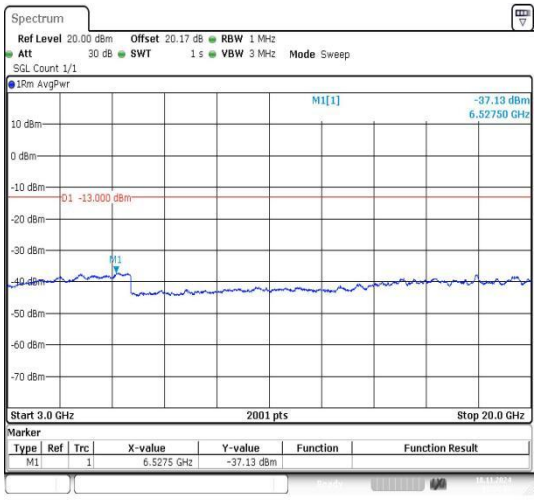


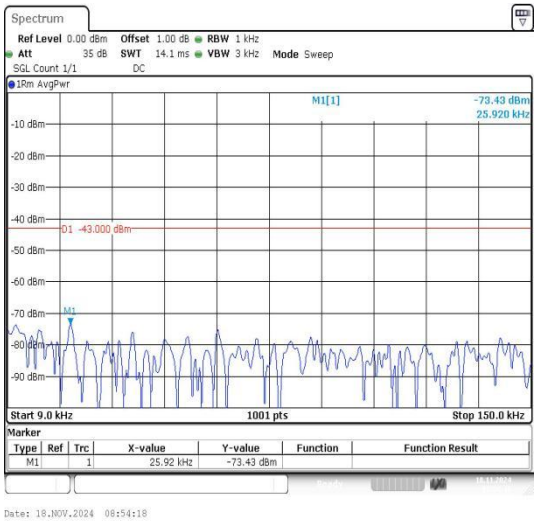
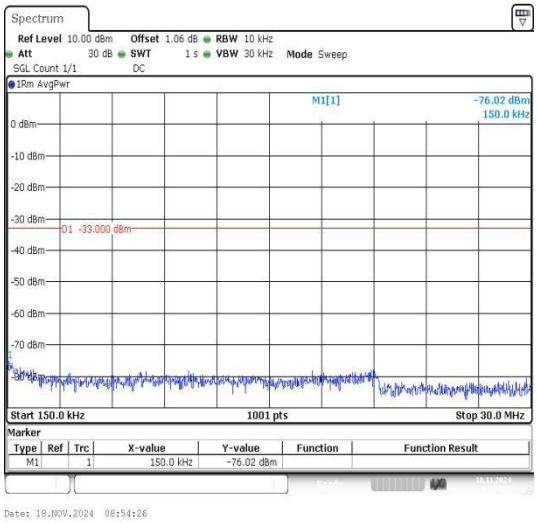
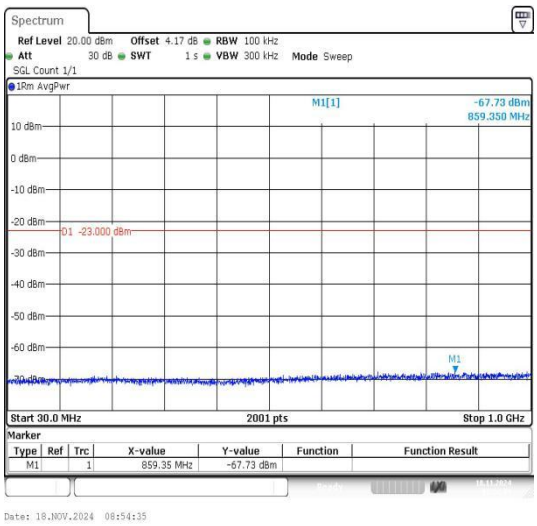
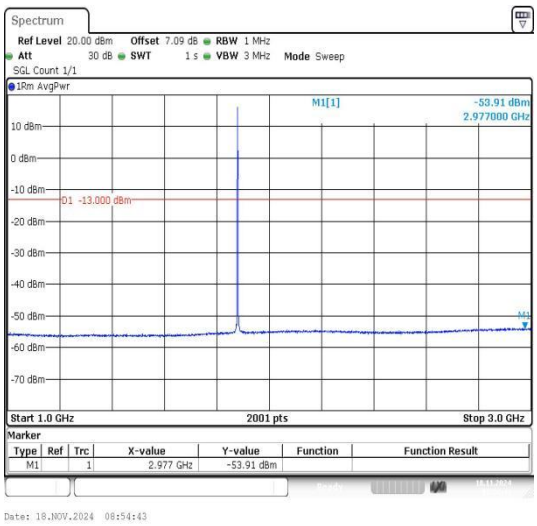
Band2_3MHz_16QAM_18615_1RB#0_0.15~30_0.15~30

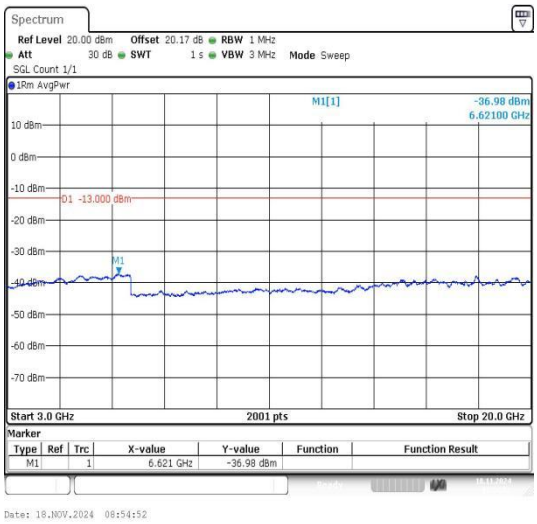


Band2_3MHz_16QAM_18615_1RB#0_30~1000_30~1000

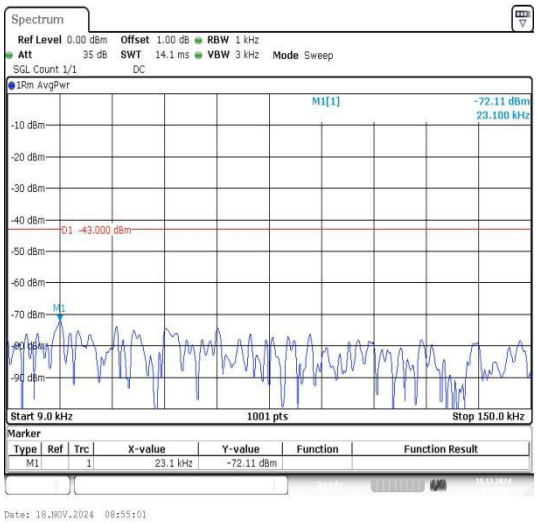




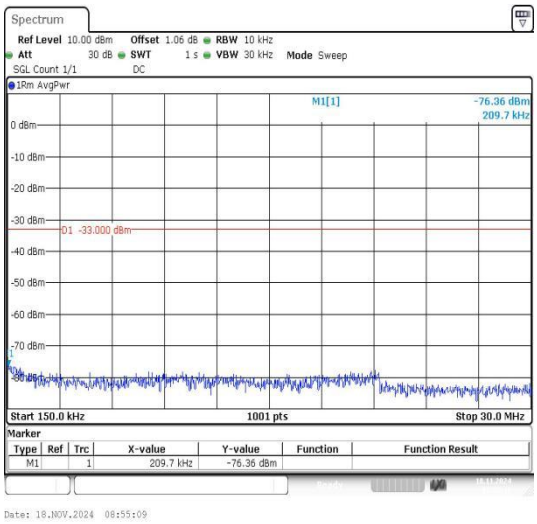
Band2_3MHz_16QAM_18615_1RB#0_1000~3000_1000~3000	Band2_3MHz_16QAM_18615_1RB#0_3000~20000_3000~20000
	
Band2_3MHz_QPSK_18900_1RB#0_0.009~0.15_0.009~0.15	Band2_3MHz_QPSK_18900_1RB#0_0.15~30_0.15~30
	
Band2_3MHz_QPSK_18900_1RB#0_30~1000_30~1000	Band2_3MHz_QPSK_18900_1RB#0_1000~3000_1000~3000



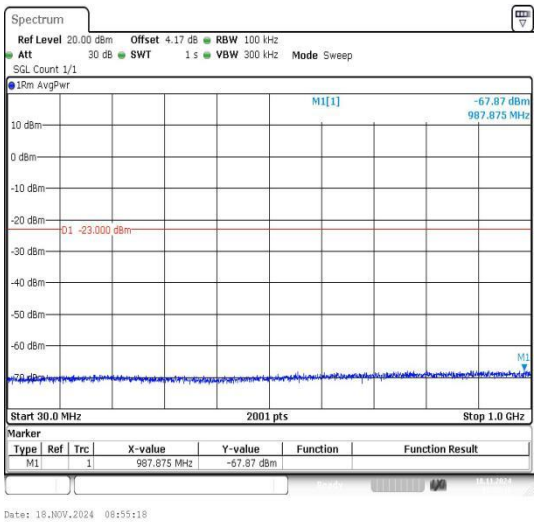
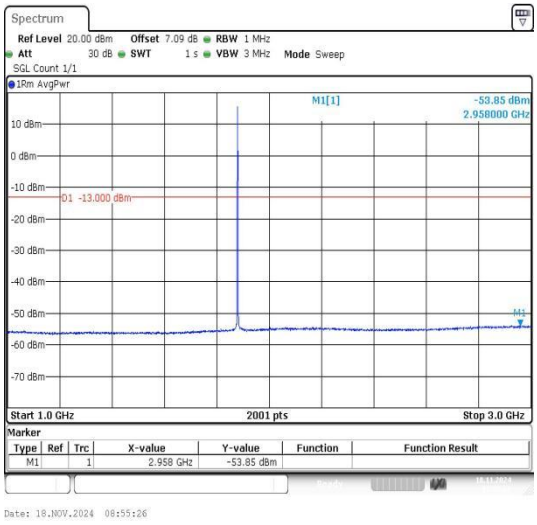
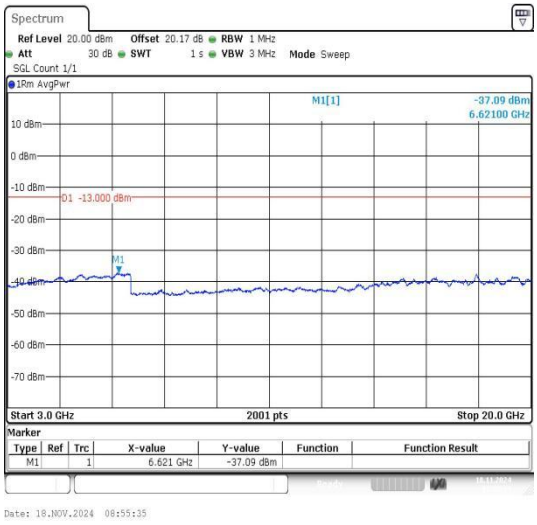
Band2_3MHz_QPSK_18900_1RB#0_3000~20000_3000~20000



Band2_3MHz_16QAM_18900_1RB#0_0.009~0.15_0.009~0.15



Band2_3MHz_16QAM_18900_1RB#0_0.15~30_0.15~30



Band2_3MHz_16QAM_18900_1RB#0_30~1000_30~1000