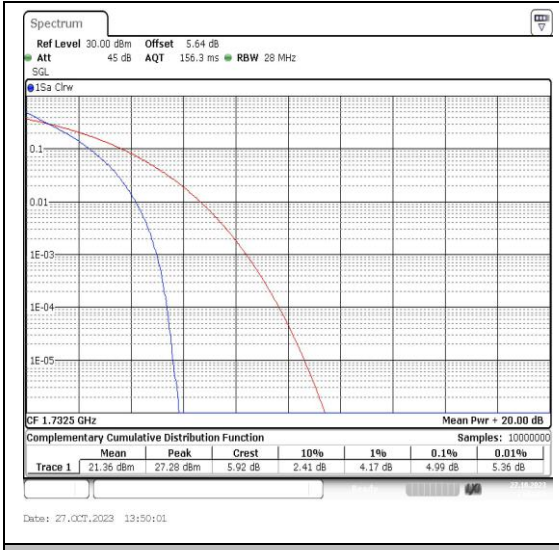
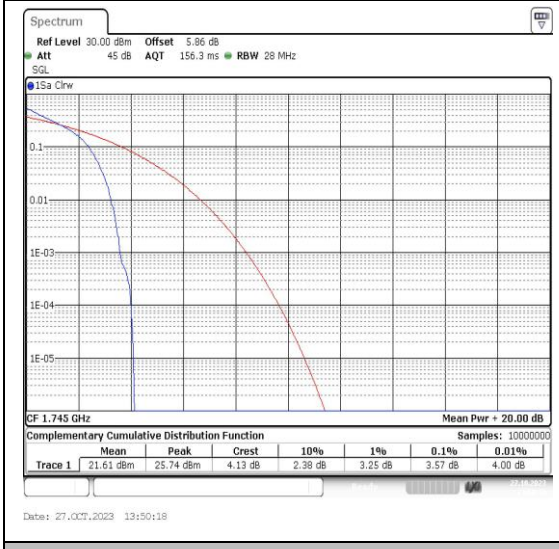
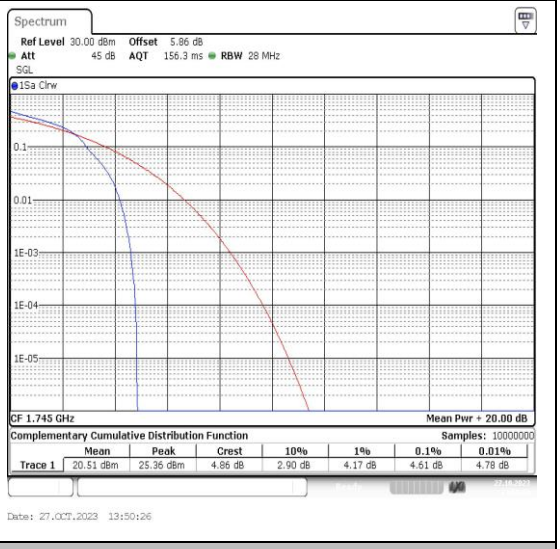


Band4-20MHz-QPSK-20175-100RB#0-PASS

Band4-20MHz-16QAM-20175-100RB#0-PASS



Band4-20MHz-QPSK-20300-1RB#0-PASS



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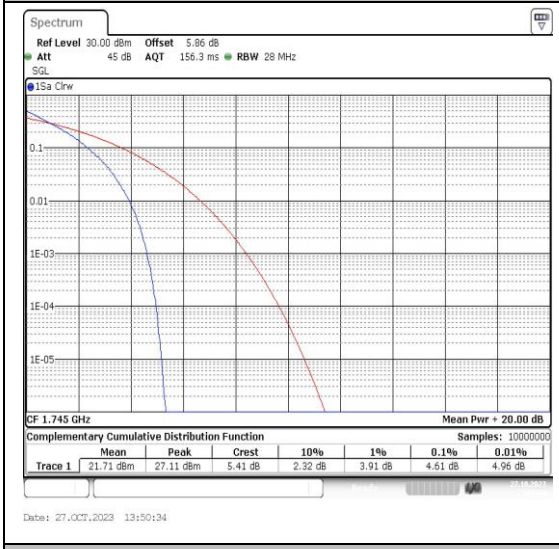
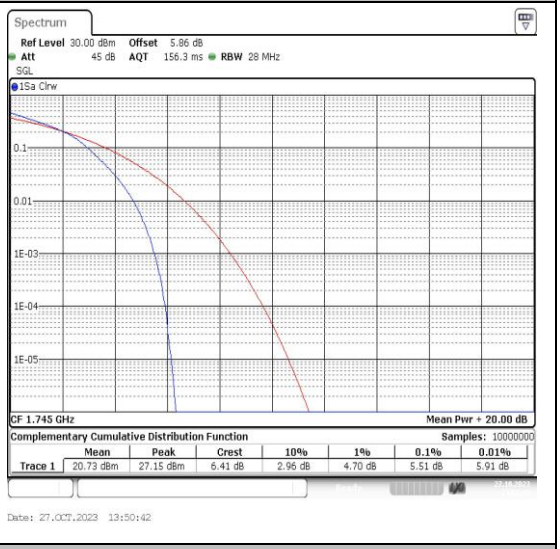


Band4-20MHz-QPSK-20300-100RB#0-PASS



Band4-20MHz-16QAM-20300-100RB#0-PASS

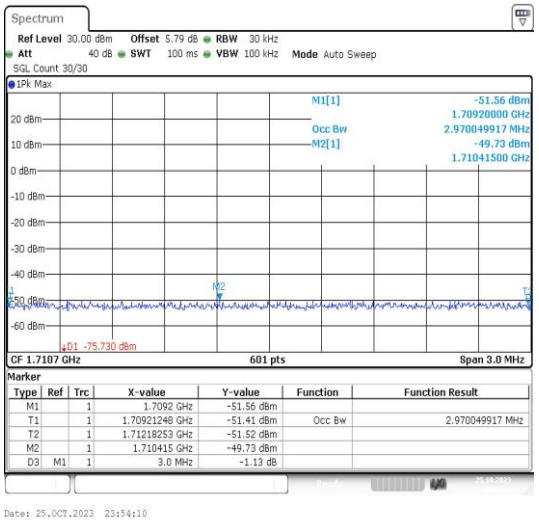
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

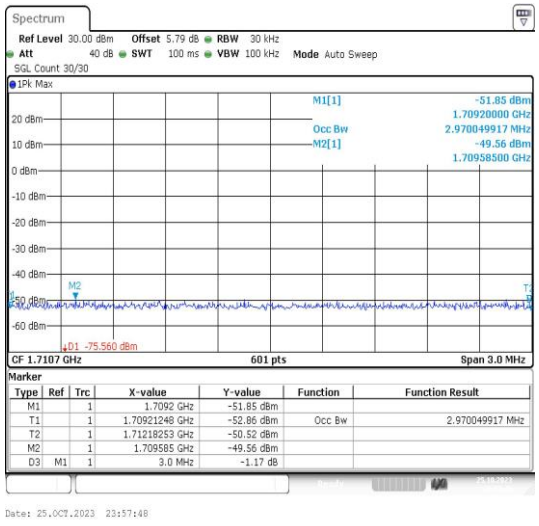
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band4	1.4MHz	QPSK	19957	6RB#0	2.97	3.00	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	2.97	3.00	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	2.97	3.00	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	2.97	3.00	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	2.97	3.00	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	2.97	3.00	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.686	2.91	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.676	2.90	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.696	2.91	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.676	2.92	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.686	2.92	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.676	2.91	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.505	4.96	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.496	4.91	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.486	4.95	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.496	4.97	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.496	4.96	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.496	4.93	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.985	9.87	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.952	9.80	PASS
Band4	10MHz	QPSK	20175	50RB#0	9.018	9.83	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.985	9.83	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.985	9.87	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.985	9.80	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.478	14.75	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.478	14.75	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.478	14.80	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.478	14.70	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.478	14.90	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.478	14.70	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.97	19.73	PASS
Band4	20MHz	16QAM	20050	100RB#0	18.037	19.67	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.037	19.80	PASS

Band4	20MHz	16QAM	20175	100RB#0	18.037	19.73	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.97	19.67	PASS
Band4	20MHz	16QAM	20300	100RB#0	18.037	19.80	PASS

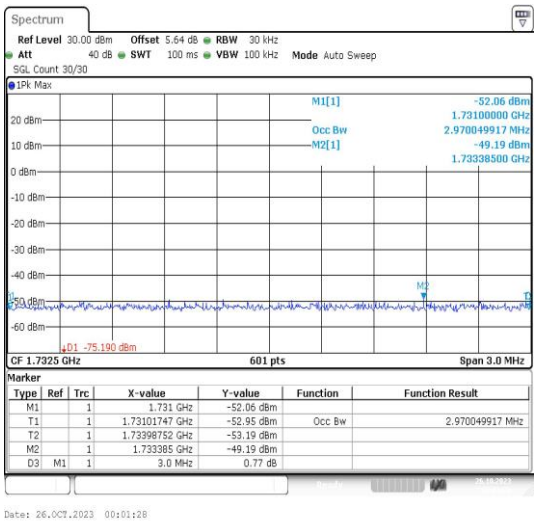
Test Graphs



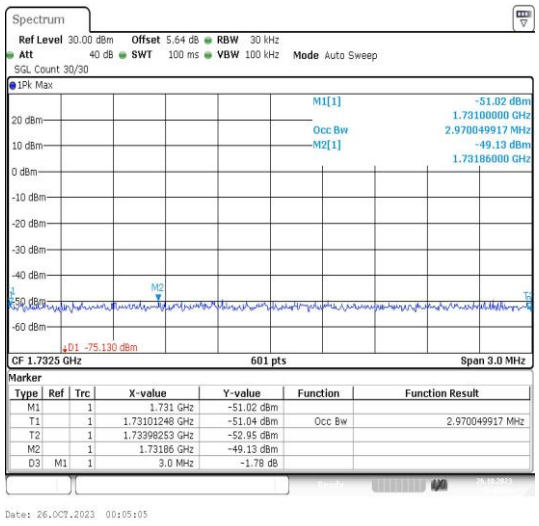
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



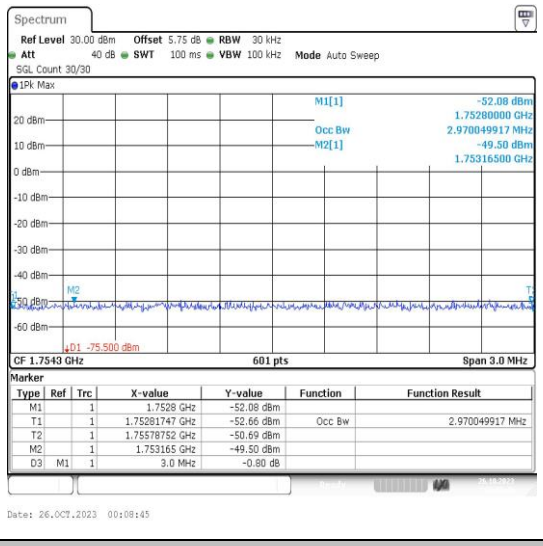
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



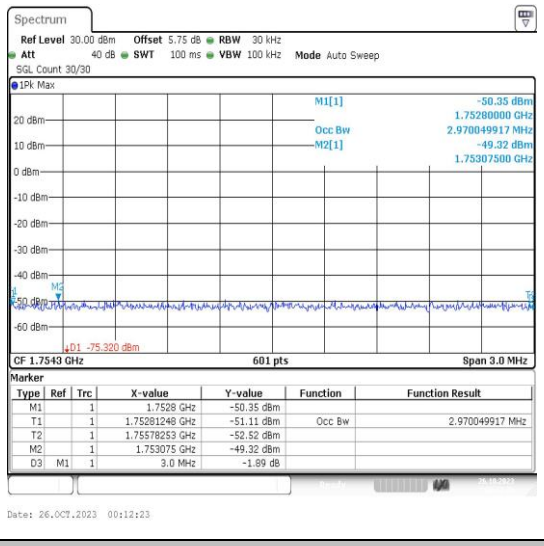
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



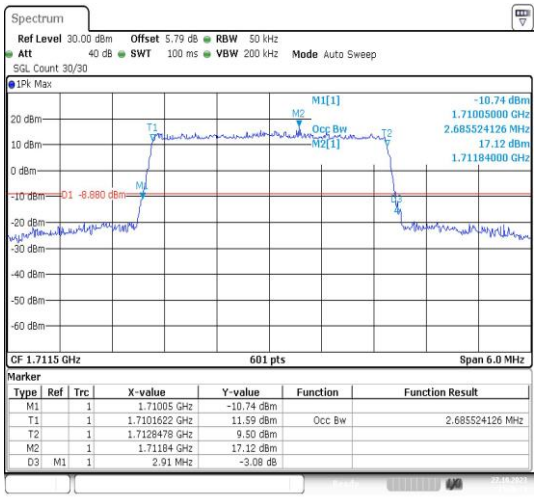
Band4-1.4MHz-16QAM-20175-6RB#0-PASS



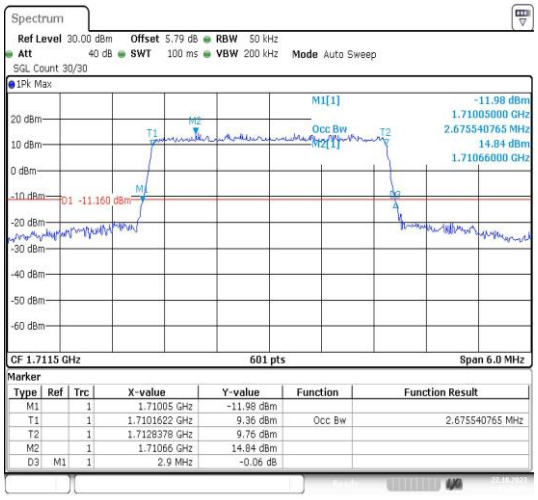
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



Band4-1.4MHz-16QAM-20393-6RB#0-PASS



Band4-3MHz-QPSK-19965-15RB#0-PASS



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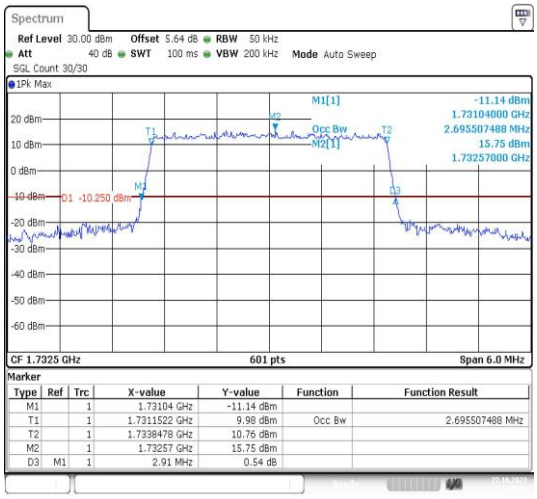

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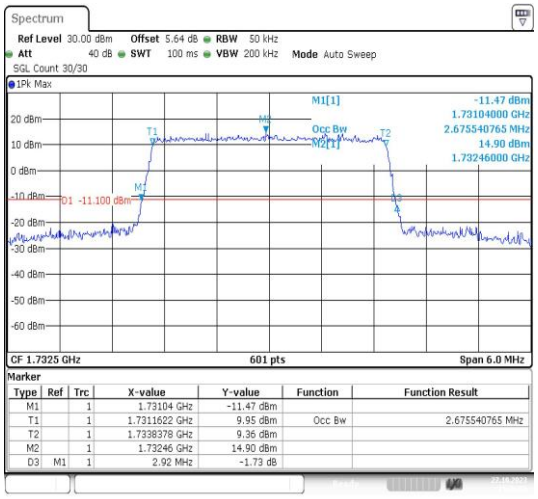

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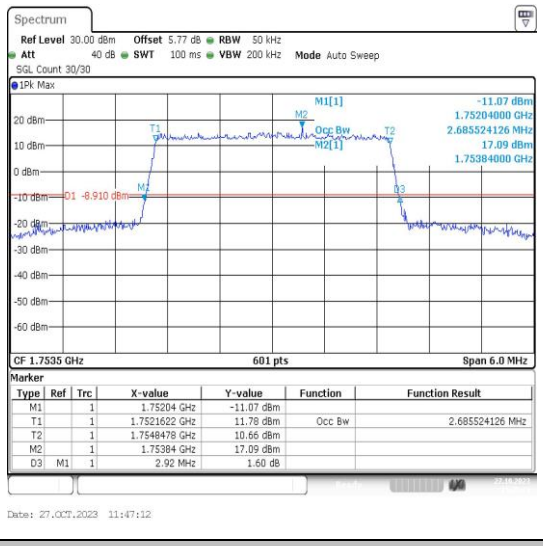
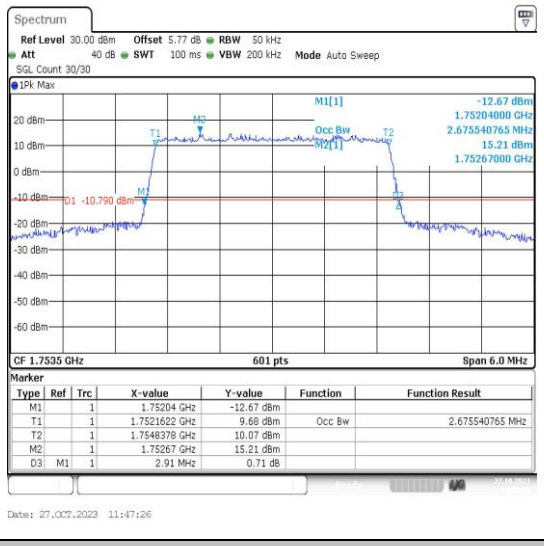
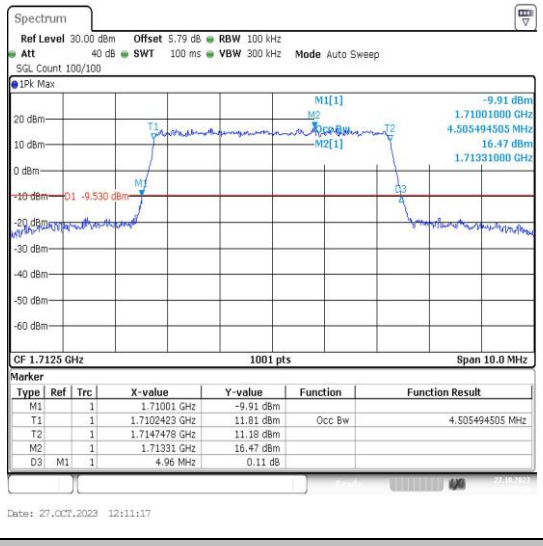


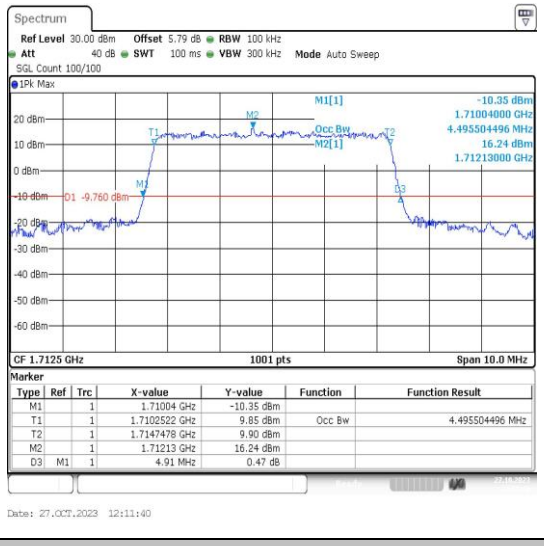
Band4-3MHz-QPSK-20385-15RB#0-PASS



Band4-3MHz-16QAM-20385-15RB#0-PASS



Band4-5MHz-QPSK-19975-25RB#0-PASS



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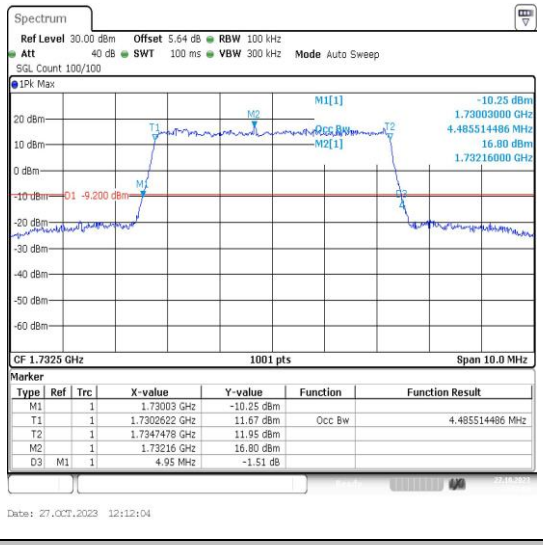

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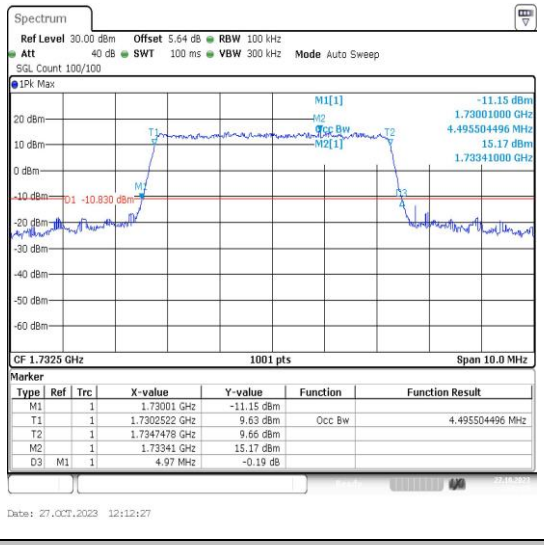

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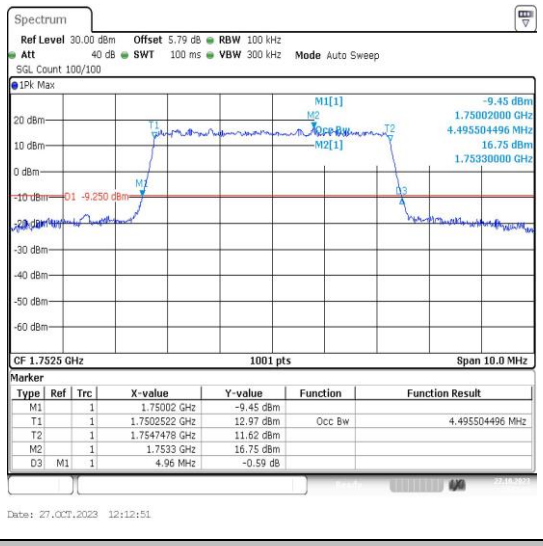
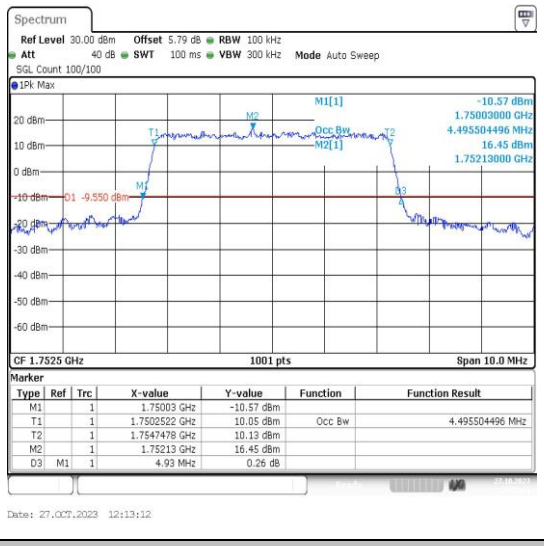


Band4-5MHz-QPSK-20375-25RB#0-PASS



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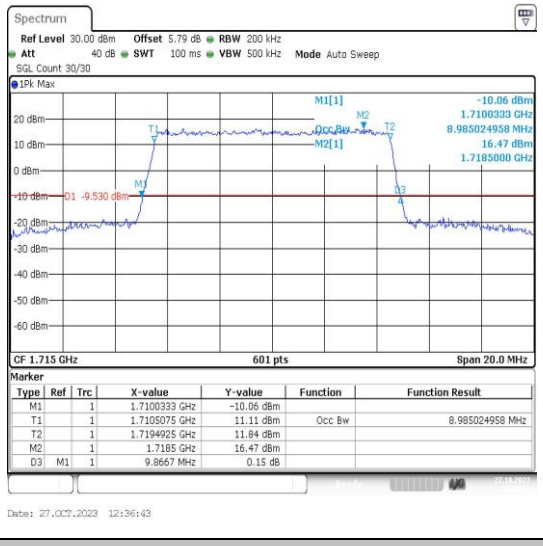
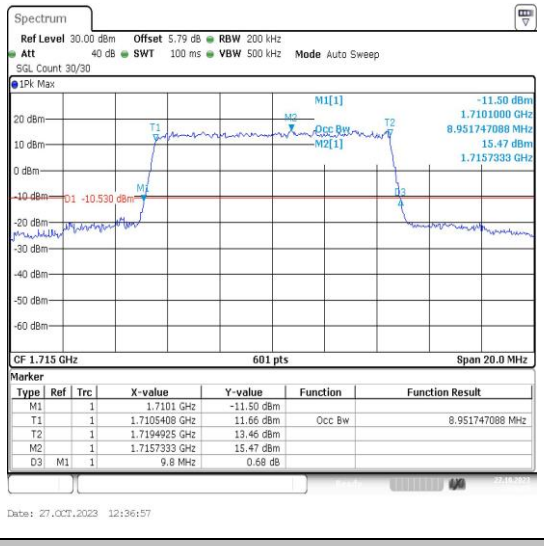
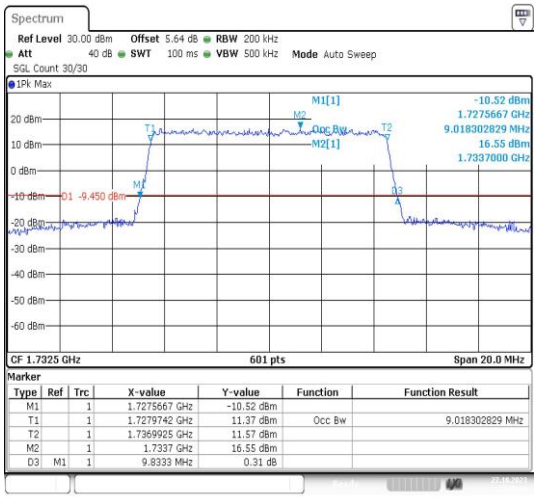


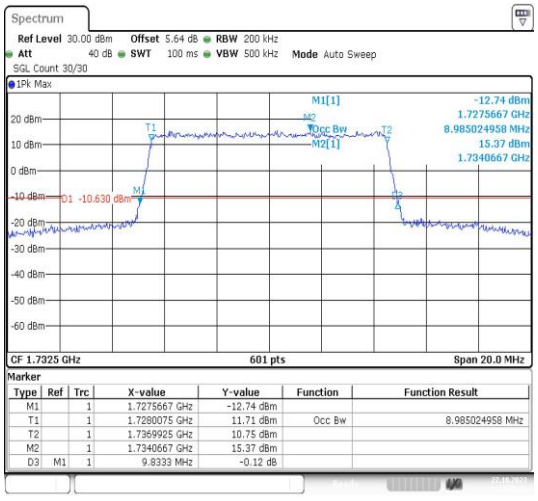
Band4-10MHz-QPSK-20000-50RB#0-PASS



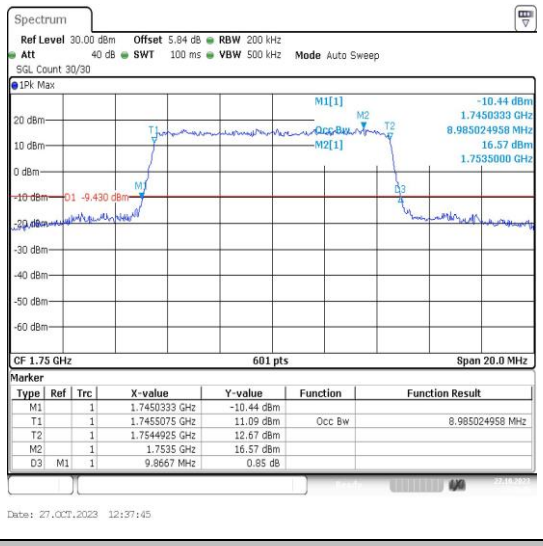
Band4-10MHz-16QAM-20000-50RB#0-PASS



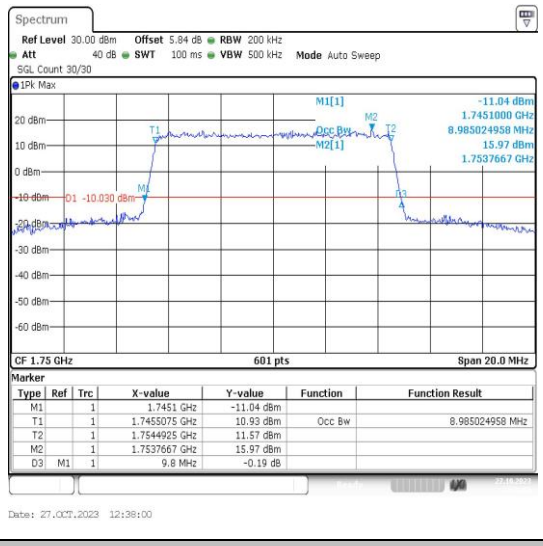
Band4-10MHz-QPSK-20175-50RB#0-PASS



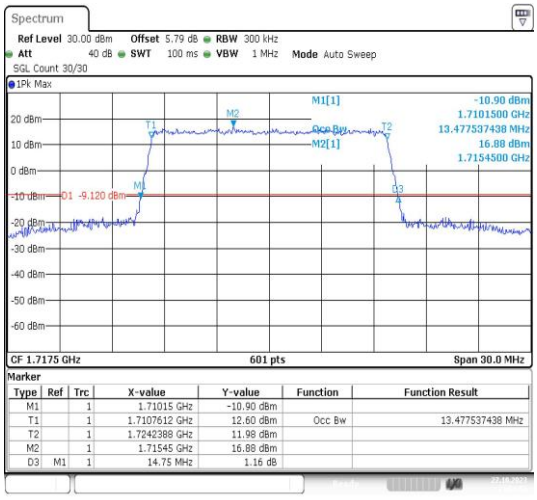
Band4-10MHz-16QAM-20175-50RB#0-PASS



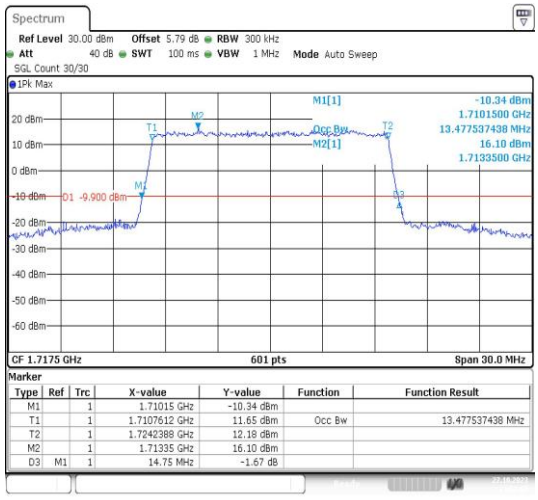
Band4-10MHz-QPSK-20350-50RB#0-PASS



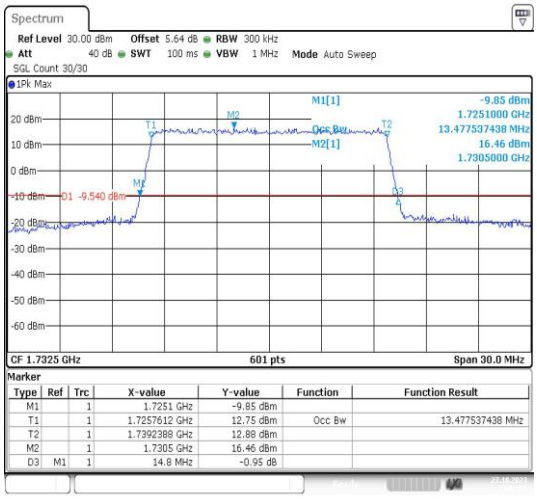
Band4-10MHz-16QAM-20350-50RB#0-PASS



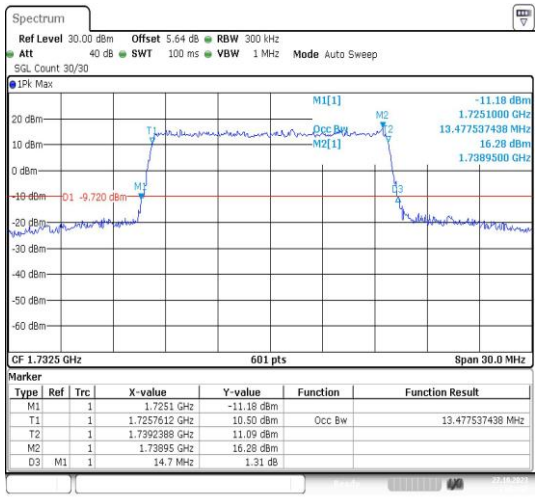
Band4-15MHz-QPSK-20025-75RB#0-PASS



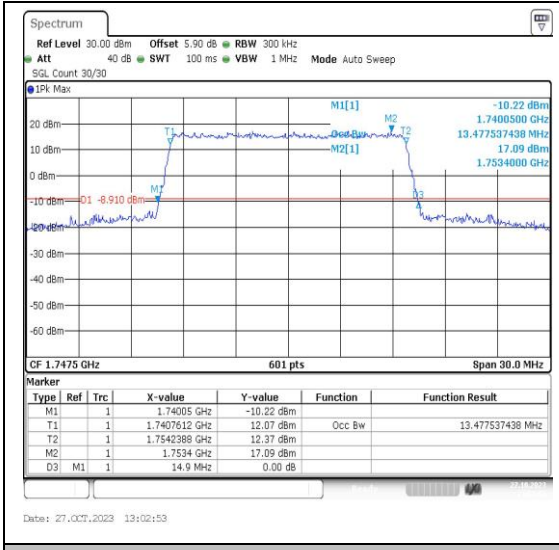
Band4-15MHz-16QAM-20025-75RB#0-PASS



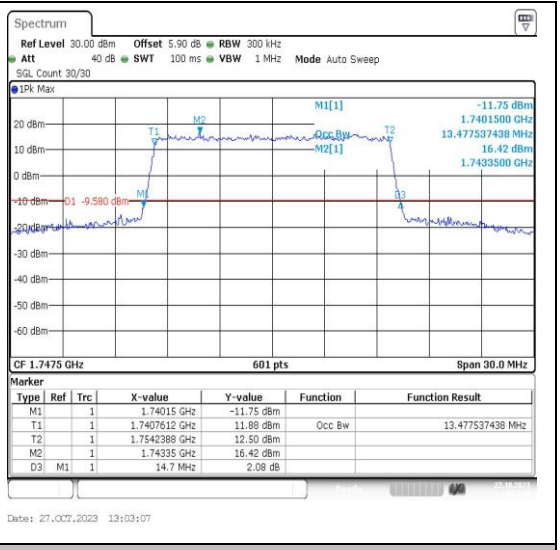
Band4-15MHz-QPSK-20175-75RB#0-PASS



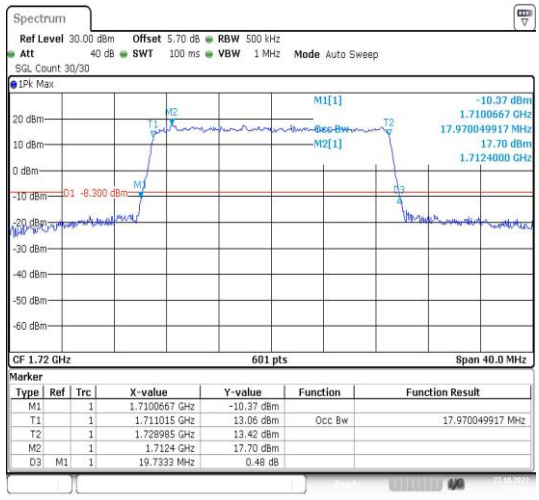
Band4-15MHz-16QAM-20175-75RB#0-PASS



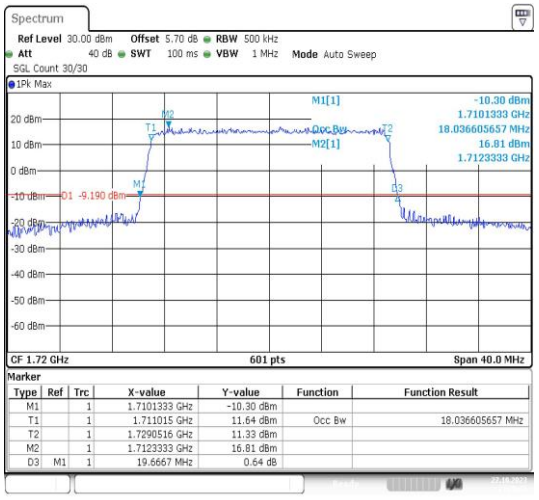
Band4-15MHz-QPSK-20325-75RB#0-PASS



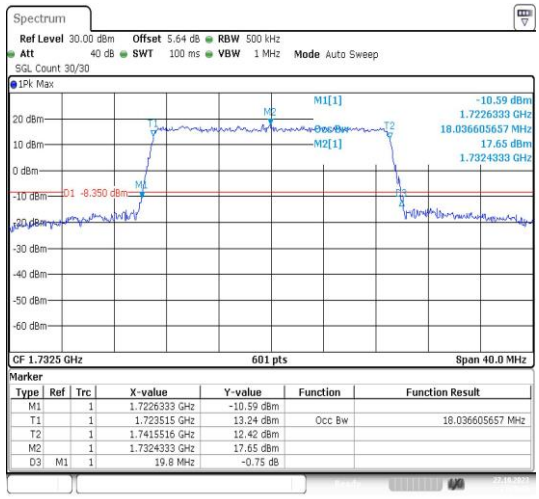
Band4-15MHz-16QAM-20325-75RB#0-PASS



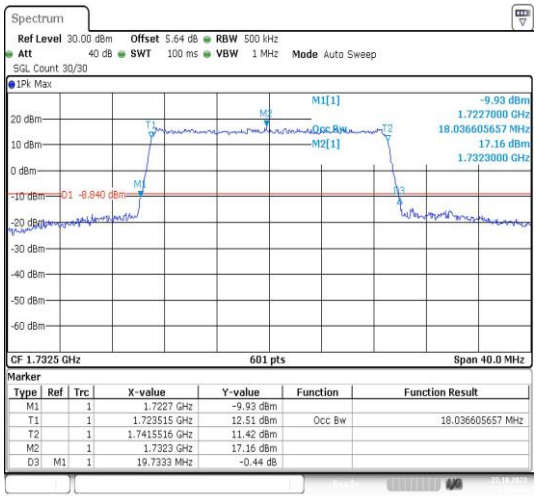
Band4-20MHz-QPSK-20050-100RB#0-PASS



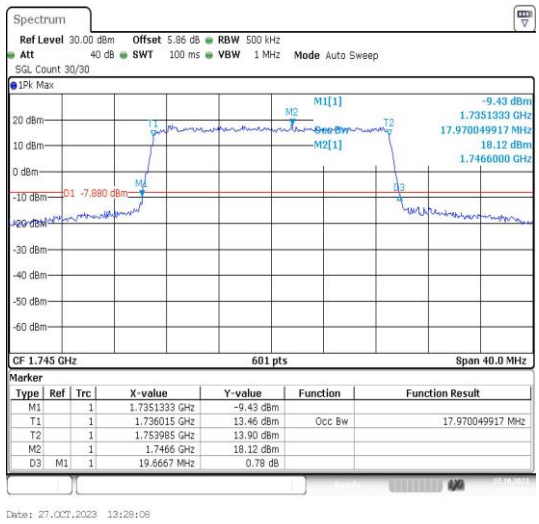
Band4-20MHz-16QAM-20050-100RB#0-PASS



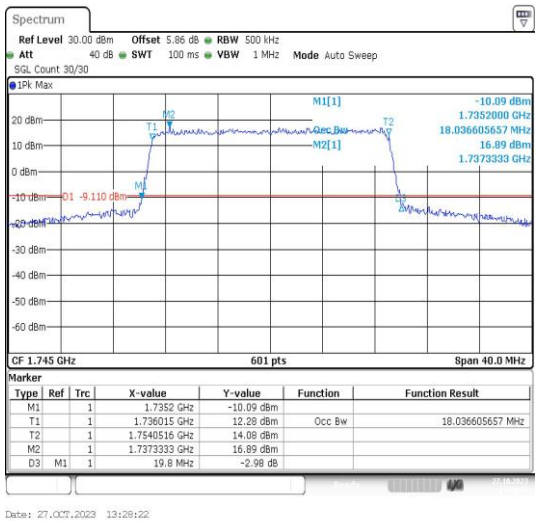
Band4-20MHz-QPSK-20175-100RB#0-PASS



Band4-20MHz-16QAM-20175-100RB#0-PASS



Band4-20MHz-QPSK-20300-100RB#0-PASS



Band4-20MHz-16QAM-20300-100RB#0-PASS

Appendix D: Band Edge

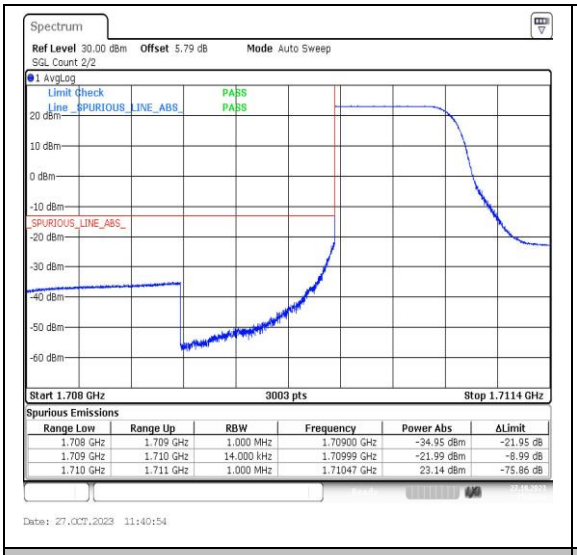
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	-21.99	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	-24.23	PASS
Band4	1.4MHz	QPSK	19957	1RB#5	-25.73	PASS
Band4	1.4MHz	16QAM	19957	1RB#5	-27.55	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	-20.51	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	-22.25	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	-26.29	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	-28.16	PASS
Band4	1.4MHz	QPSK	20393	1RB#5	-22.22	PASS
Band4	1.4MHz	16QAM	20393	1RB#5	-24.75	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	-20.83	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	-23.78	PASS
Band4	3MHz	QPSK	19965	1RB#0	-18.89	PASS
Band4	3MHz	16QAM	19965	1RB#0	-20.63	PASS
Band4	3MHz	QPSK	19965	1RB#14	-25.09	PASS
Band4	3MHz	16QAM	19965	1RB#14	-26.44	PASS
Band4	3MHz	QPSK	19965	15RB#0	-21.65	PASS
Band4	3MHz	16QAM	19965	15RB#0	-22.61	PASS
Band4	3MHz	QPSK	20385	1RB#0	-25.57	PASS
Band4	3MHz	16QAM	20385	1RB#0	-27.00	PASS

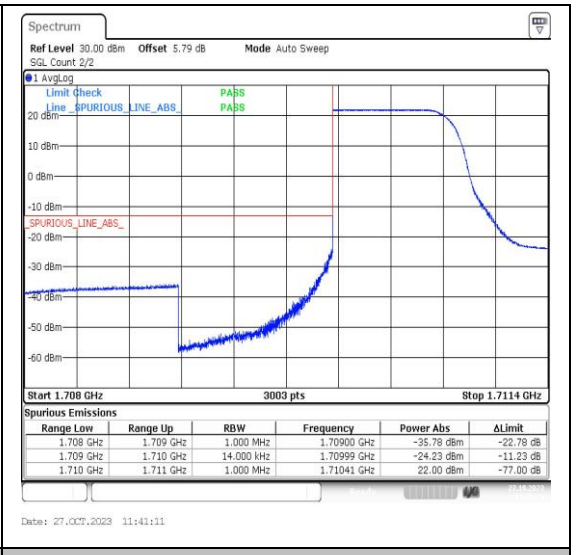
Band4	3MHz	QPSK	20385	1RB#14	-18.82	PASS
Band4	3MHz	16QAM	20385	1RB#14	-20.62	PASS
Band4	3MHz	QPSK	20385	15RB#0	-19.80	PASS
Band4	3MHz	16QAM	20385	15RB#0	-21.93	PASS
Band4	5MHz	QPSK	19975	1RB#0	-20.35	PASS
Band4	5MHz	16QAM	19975	1RB#0	-20.23	PASS
Band4	5MHz	QPSK	19975	1RB#24	-38.67	PASS
Band4	5MHz	16QAM	19975	1RB#24	-37.56	PASS
Band4	5MHz	QPSK	19975	25RB#0	-23.16	PASS
Band4	5MHz	16QAM	19975	25RB#0	-24.16	PASS
Band4	5MHz	QPSK	20375	1RB#0	-38.66	PASS
Band4	5MHz	16QAM	20375	1RB#0	-36.22	PASS
Band4	5MHz	QPSK	20375	1RB#24	-19.71	PASS
Band4	5MHz	16QAM	20375	1RB#24	-21.27	PASS
Band4	5MHz	QPSK	20375	25RB#0	-20.94	PASS
Band4	5MHz	16QAM	20375	25RB#0	-23.06	PASS
Band4	10MHz	QPSK	20000	1RB#0	-23.14	PASS
Band4	10MHz	16QAM	20000	1RB#0	-24.35	PASS
Band4	10MHz	QPSK	20000	1RB#49	-40.78	PASS
Band4	10MHz	16QAM	20000	1RB#49	-40.89	PASS
Band4	10MHz	QPSK	20000	50RB#0	-26.35	PASS
Band4	10MHz	16QAM	20000	50RB#0	-27.38	PASS
Band4	10MHz	QPSK	20350	1RB#0	-40.31	PASS
Band4	10MHz	16QAM	20350	1RB#0	-40.44	PASS
Band4	10MHz	QPSK	20350	1RB#49	-22.10	PASS
Band4	10MHz	16QAM	20350	1RB#49	-23.32	PASS
Band4	10MHz	QPSK	20350	50RB#0	-22.37	PASS
Band4	10MHz	16QAM	20350	50RB#0	-24.77	PASS
Band4	15MHz	QPSK	20025	1RB#0	-24.12	PASS
Band4	15MHz	16QAM	20025	1RB#0	-24.62	PASS
Band4	15MHz	QPSK	20025	1RB#74	-40.71	PASS
Band4	15MHz	16QAM	20025	1RB#74	-41.55	PASS
Band4	15MHz	QPSK	20025	75RB#0	-26.34	PASS
Band4	15MHz	16QAM	20025	75RB#0	-28.78	PASS
Band4	15MHz	QPSK	20325	1RB#0	-41.03	PASS
Band4	15MHz	16QAM	20325	1RB#0	-41.24	PASS
Band4	15MHz	QPSK	20325	1RB#74	-24.13	PASS
Band4	15MHz	16QAM	20325	1RB#74	-25.60	PASS
Band4	15MHz	QPSK	20325	75RB#0	-20.97	PASS
Band4	15MHz	16QAM	20325	75RB#0	-24.80	PASS
Band4	20MHz	QPSK	20050	1RB#0	-27.13	PASS
Band4	20MHz	16QAM	20050	1RB#0	-27.29	PASS

Band4	20MHz	QPSK	20050	1RB#99	-41.85	PASS
Band4	20MHz	16QAM	20050	1RB#99	-41.73	PASS
Band4	20MHz	QPSK	20050	100RB#0	-30.44	PASS
Band4	20MHz	16QAM	20050	100RB#0	-30.58	PASS
Band4	20MHz	QPSK	20300	1RB#0	-41.35	PASS
Band4	20MHz	16QAM	20300	1RB#0	-41.55	PASS
Band4	20MHz	QPSK	20300	1RB#99	-26.76	PASS
Band4	20MHz	16QAM	20300	1RB#99	-27.66	PASS
Band4	20MHz	QPSK	20300	100RB#0	-25.25	PASS
Band4	20MHz	16QAM	20300	100RB#0	-27.00	PASS

Test Graphs



Band4_1.4MHz_QPSK_19957_1RB#0



Band4_1.4MHz_16QAM_19957_1RB#0

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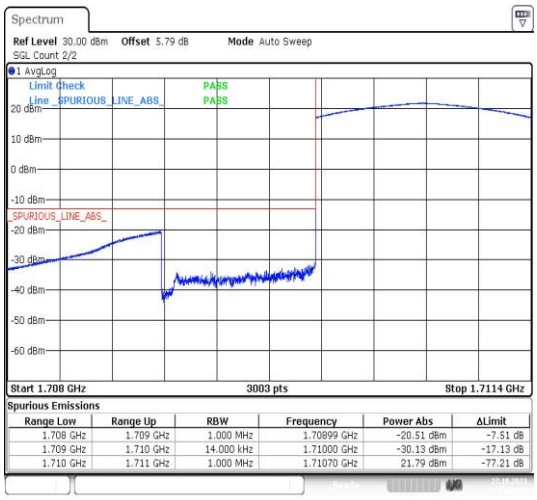

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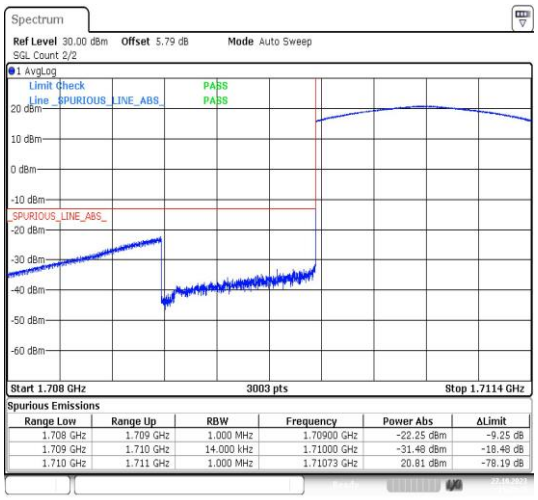

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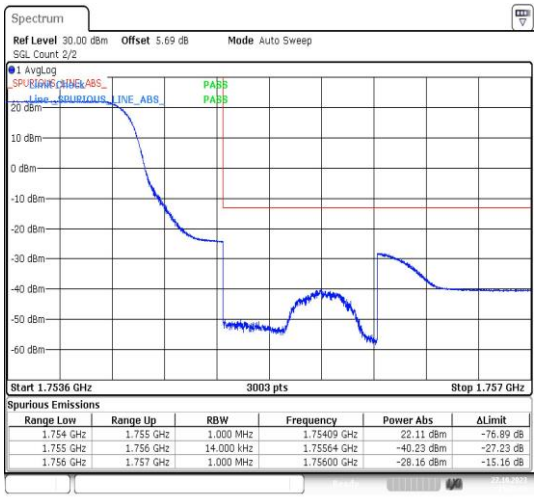

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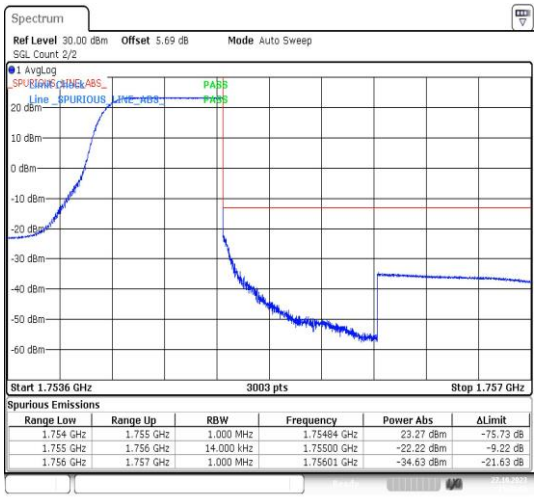

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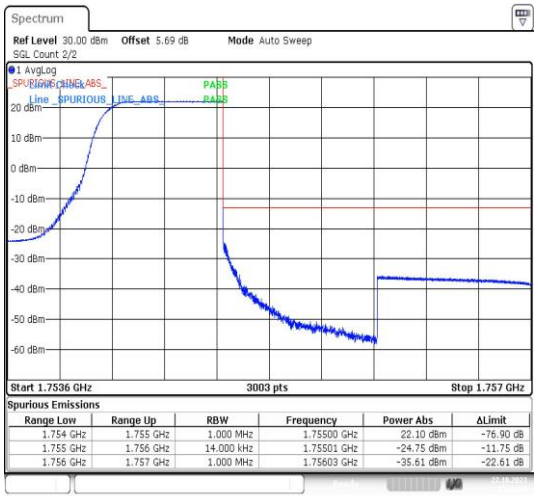

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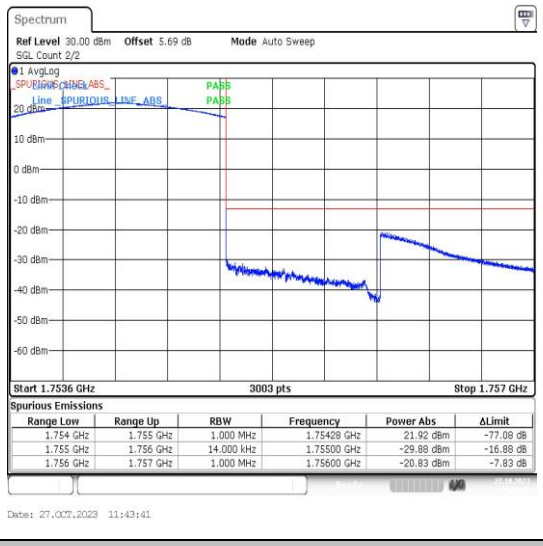

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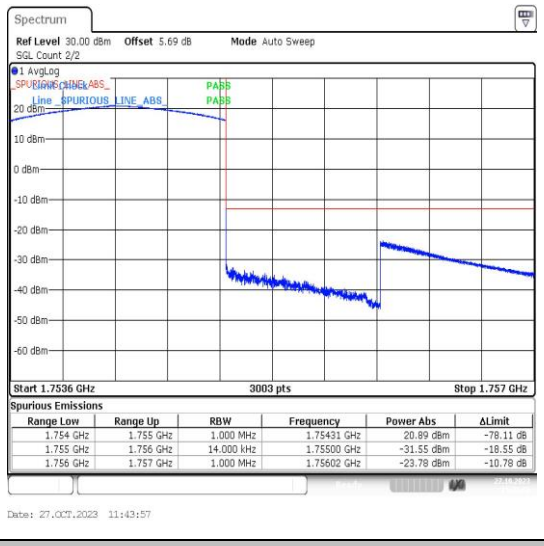

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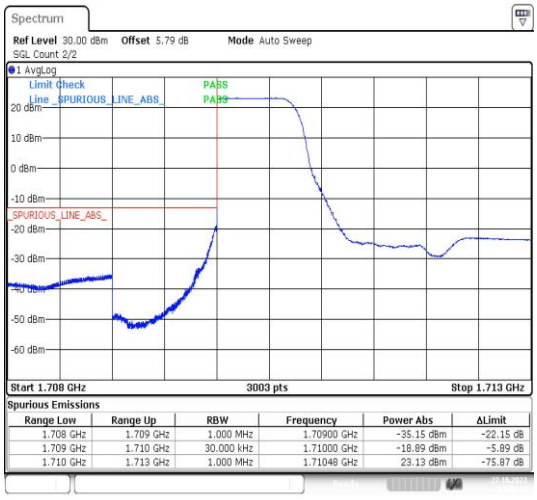
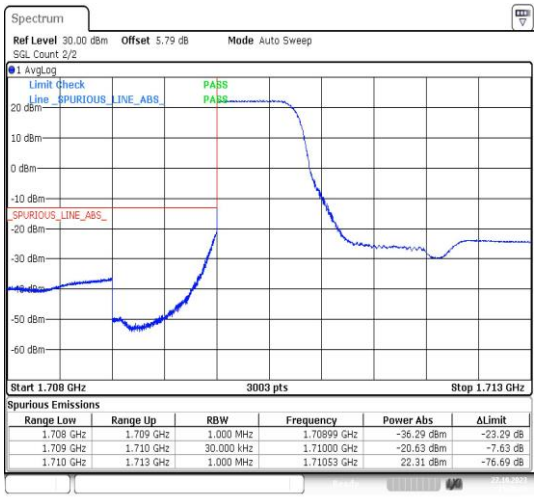
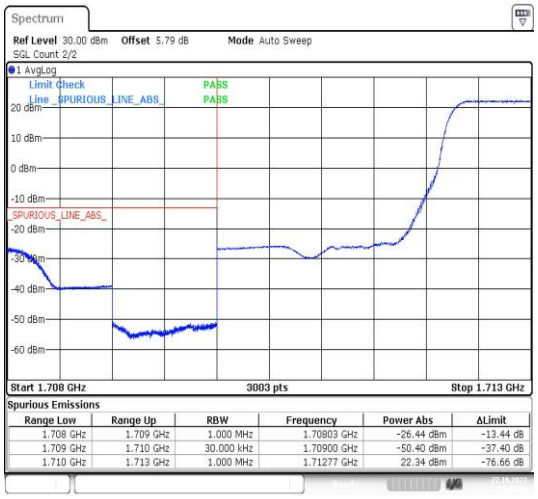


Band4_3MHz_QPSK_19965_1RB#0

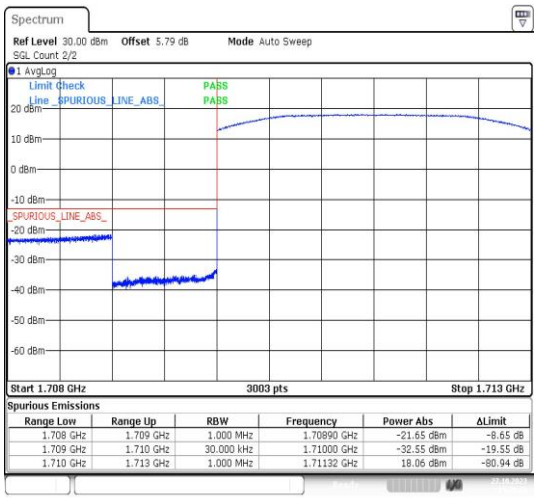


Band4_3MHz_16QAM_19965_1RB#0

Band4_3MHz_QPSK_19965_1RB#14



Band4_3MHz_16QAM_19965_1RB#14



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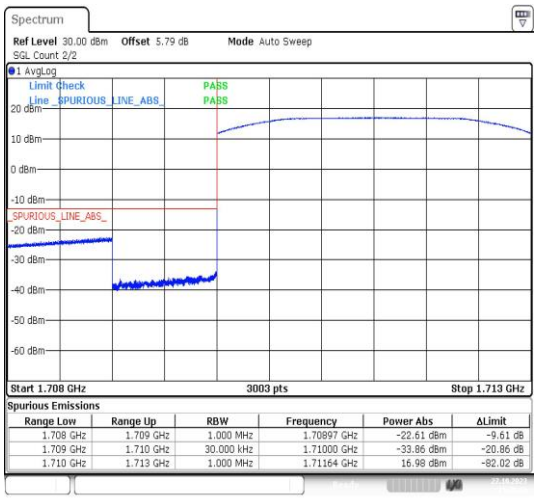

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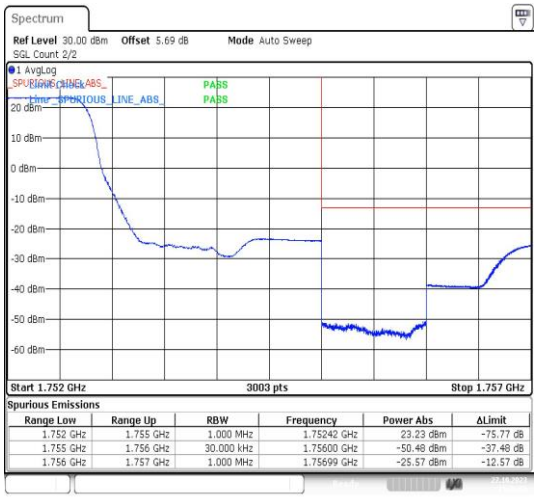
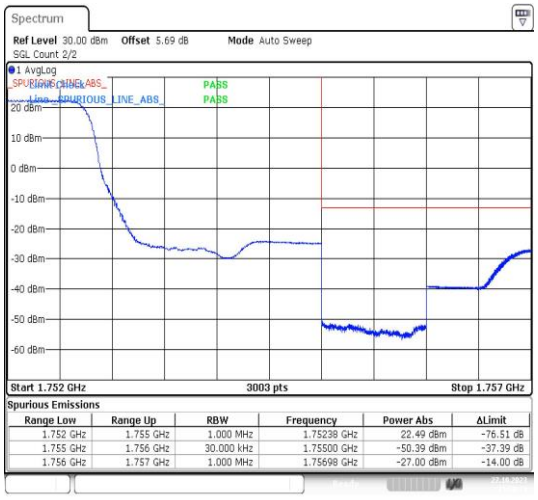


Band4_3MHz_QPSK_20385_1RB#0



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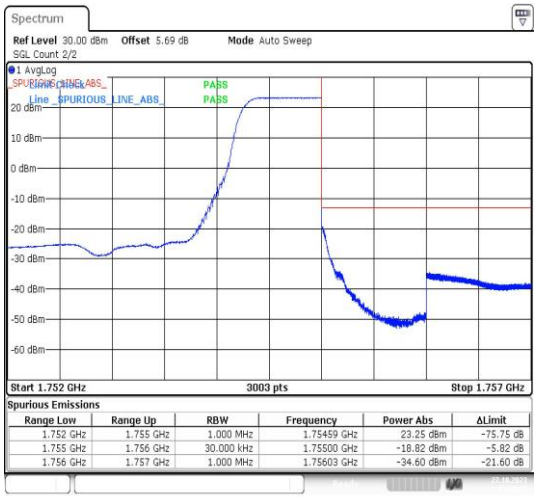

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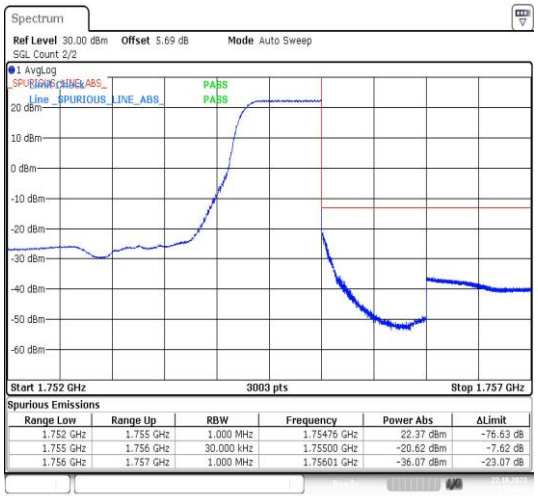

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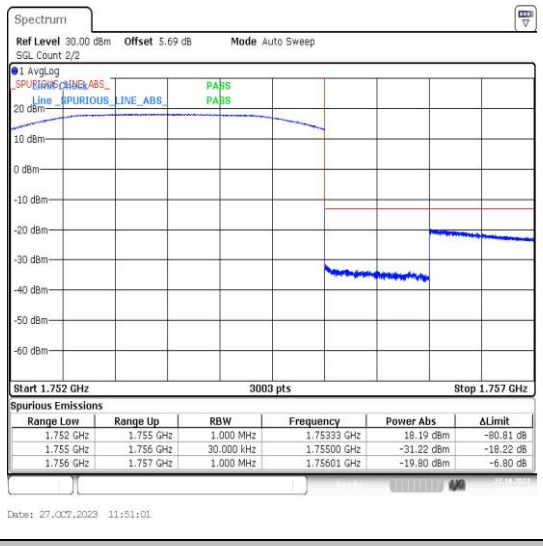
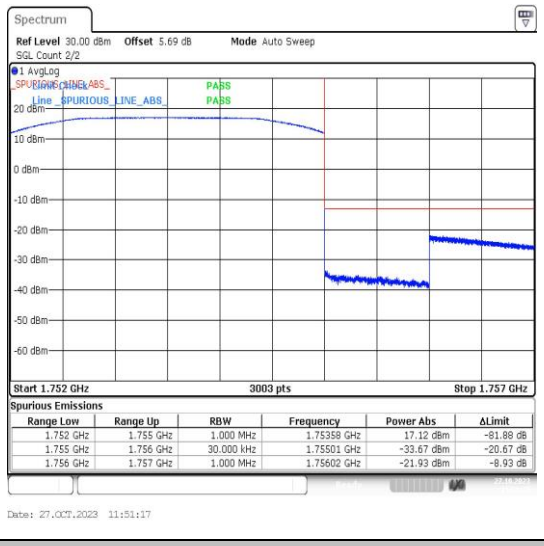
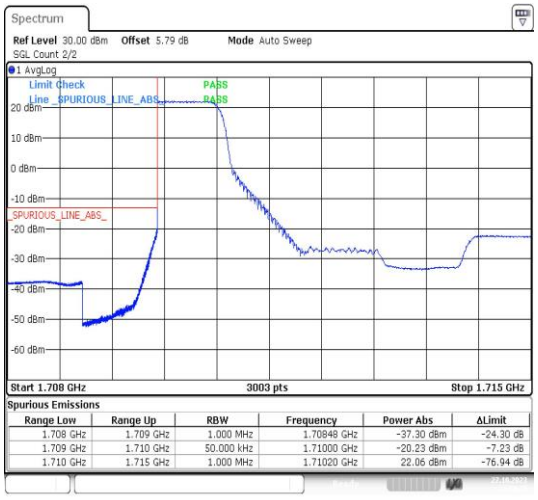


Band4_3MHz_QPSK_20385_15RB#0



Band4_3MHz_16QAM_20385_15RB#0

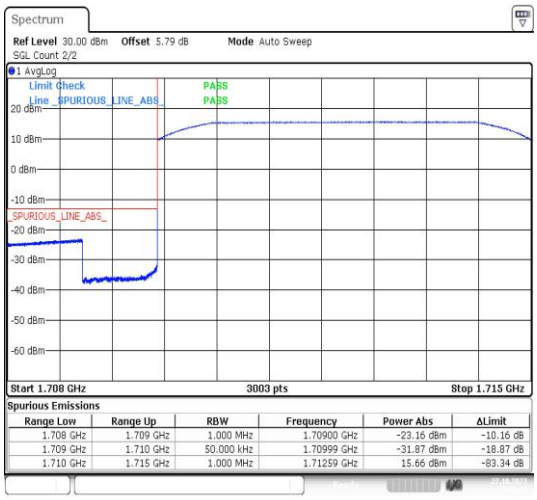
Band4_5MHz_QPSK_19975_1RB#0



Band4_5MHz_16QAM_19975_1RB#0

Band4_5MHz_QPSK_19975_1RB#24

Band4_5MHz_16QAM_19975_1RB#24



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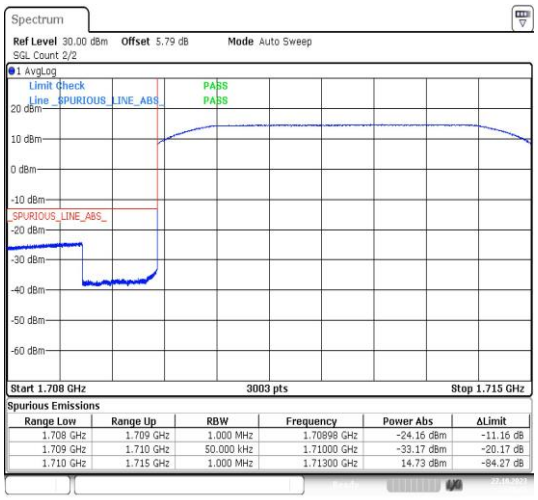

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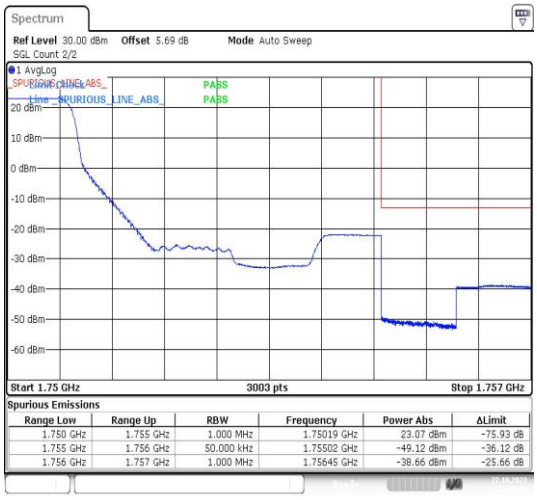

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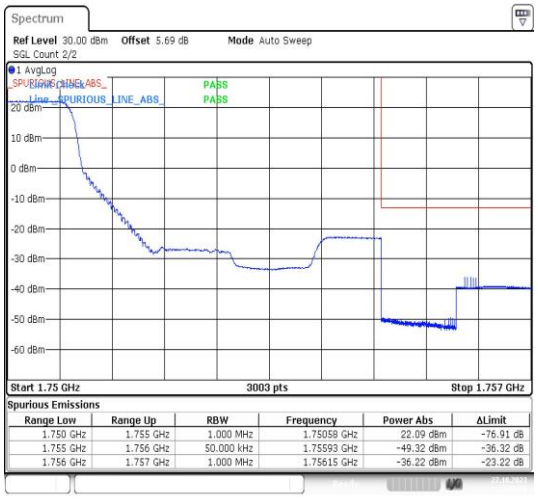

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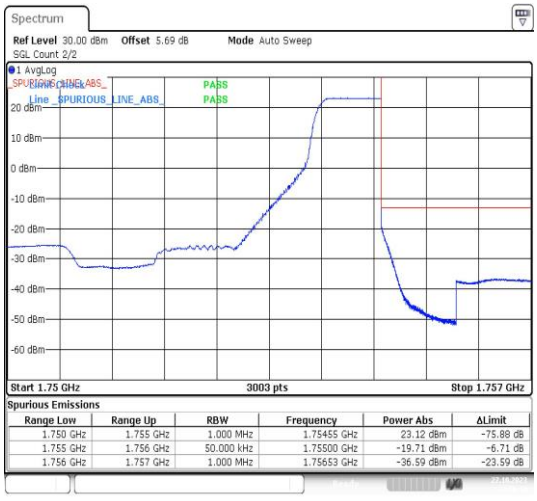
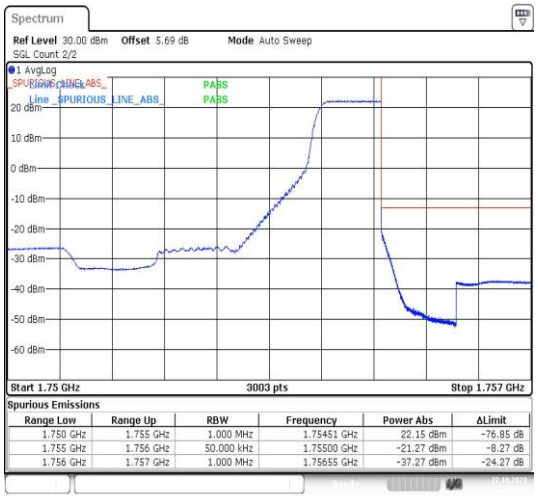
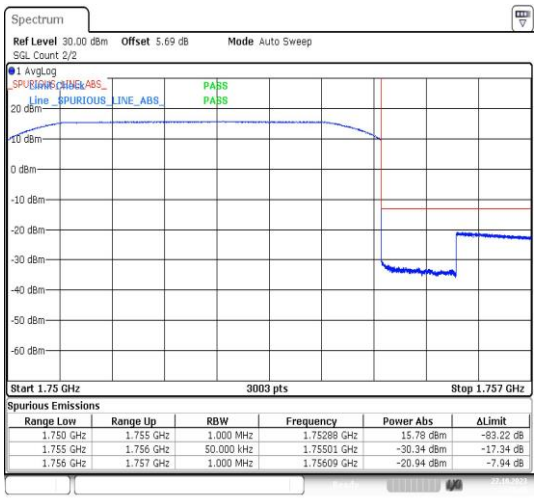


Band4_5MHz_QPSK_20375_1RB#24



Band4_5MHz_16QAM_20375_1RB#24



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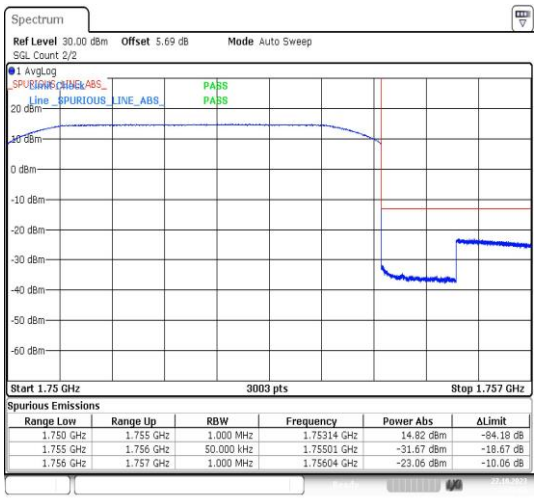


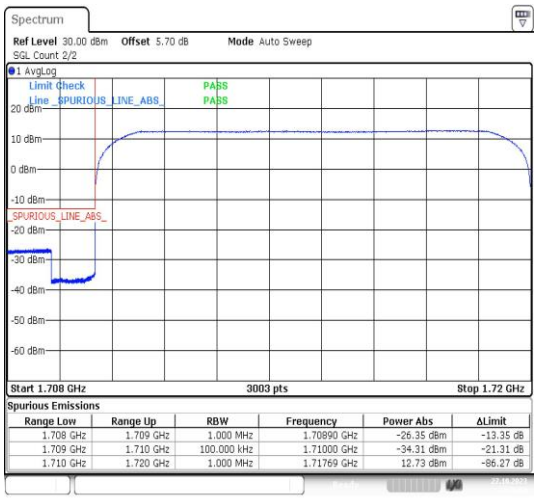
Band4_5MHz_16QAM_20375_25RB#0

Band4_10MHz_QPSK_20000_1RB#0

Band4_10MHz_16QAM_20000_1RB#0

Band4_10MHz_QPSK_20000_1RB#49

Band4_10MHz_16QAM_20000_1RB#49



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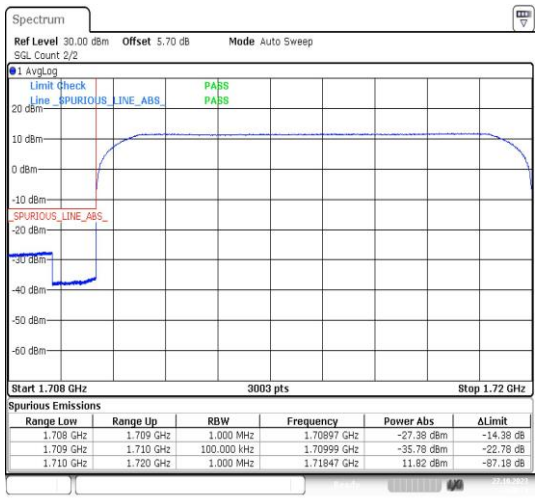

Band4_10MHz_16QAM_20000_50RB#0

Band4_10MHz_QPSK_20350_1RB#0

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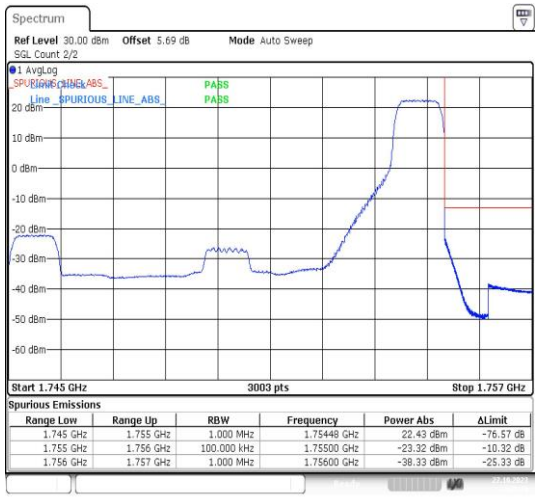

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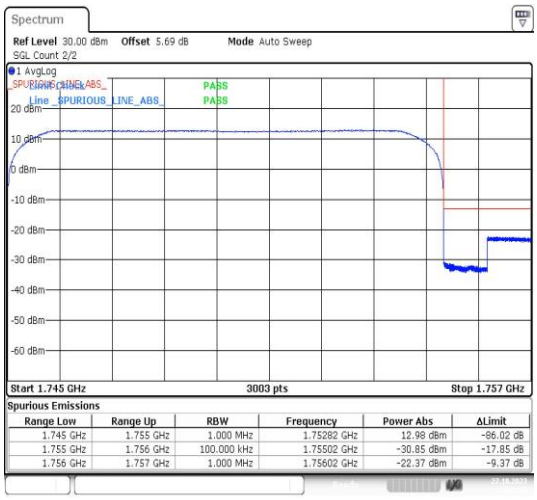

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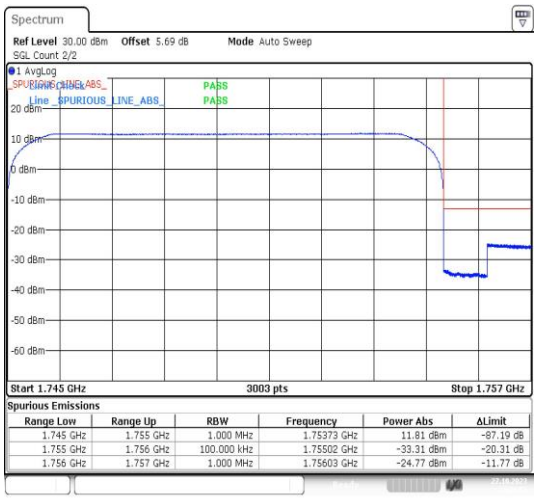

Band4_10MHz_16QAM_20350_50RB#0

Band4_15MHz_QPSK_20025_1RB#0

Band4_15MHz_16QAM_20025_1RB#0

Band4_15MHz_QPSK_20025_1RB#74

Band4_15MHz_16QAM_20025_1RB#74