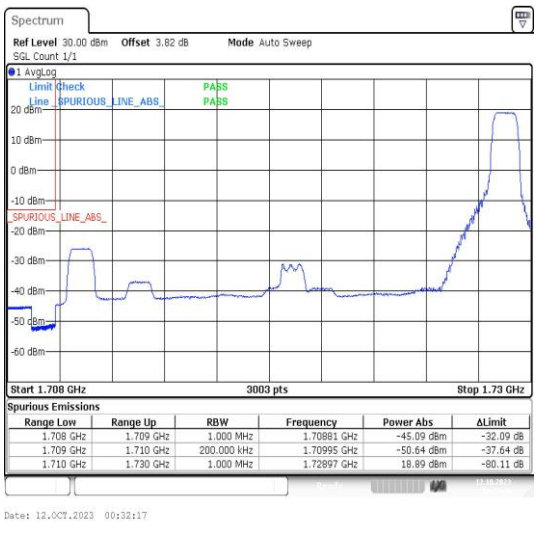
Band4_20MHz_QPSK_20050_1RB#0

Band4_20MHz_16QAM_20050_1RB#0



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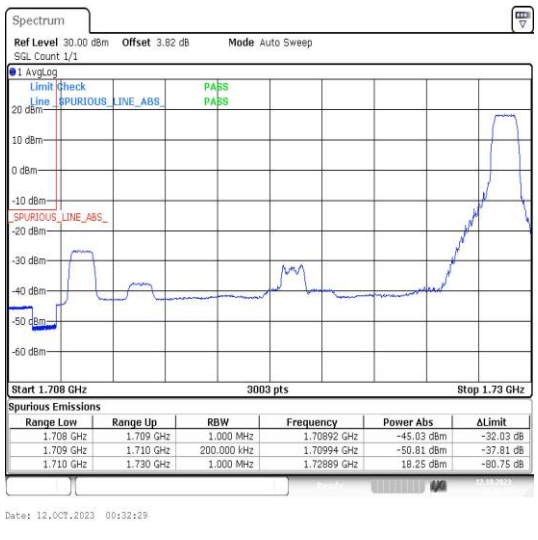

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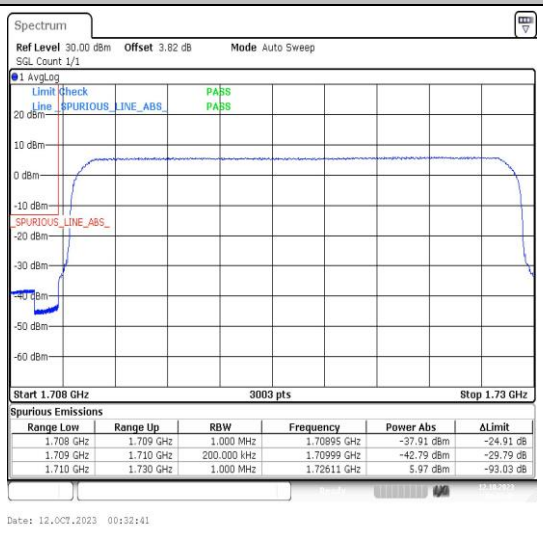
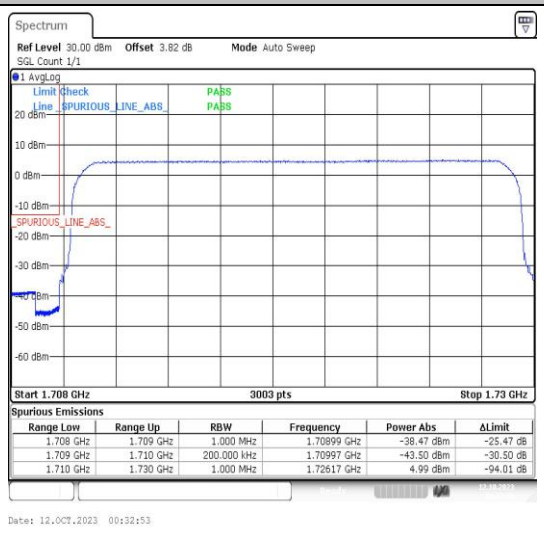
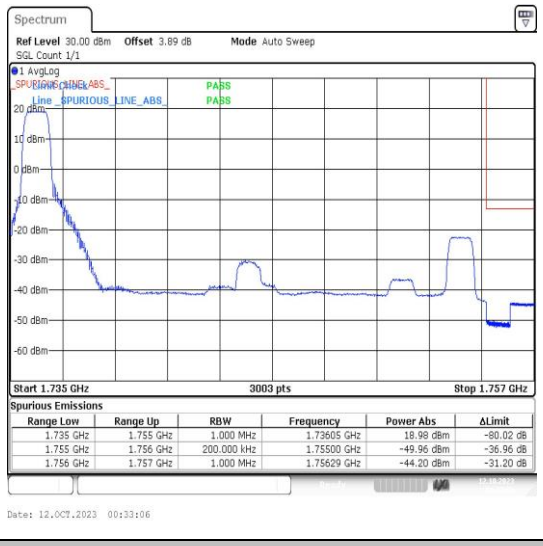


Band4_20MHz_QPSK_20050_100RB#0

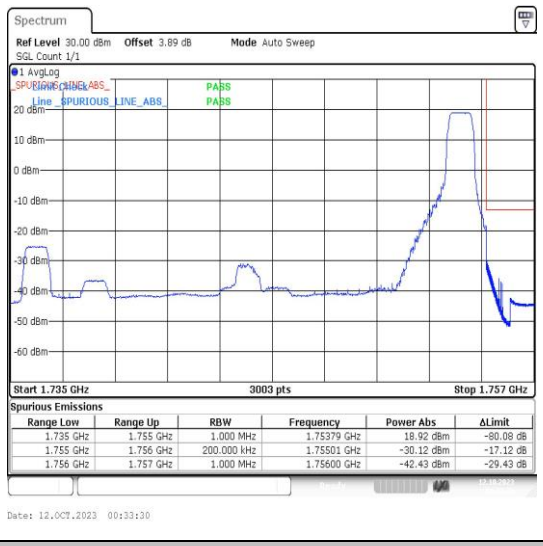


Band4_20MHz_16QAM_20050_100RB#0



Band4_20MHz_QPSK_20300_1RB#0

Band4_20MHz_16QAM_20300_1RB#0



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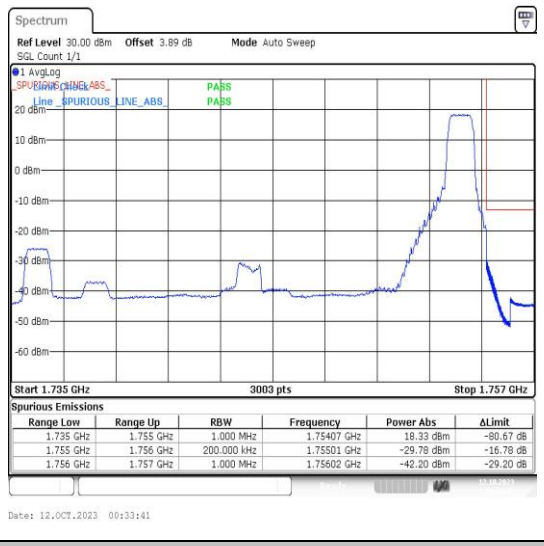
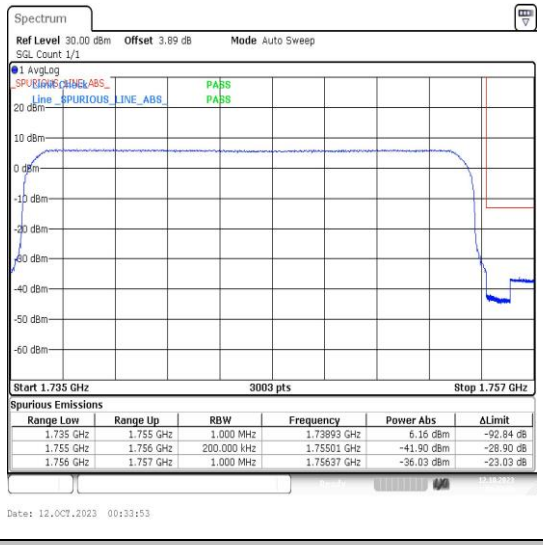


Band4_20MHz_16QAM_20300_1RB#99



Band4_20MHz_QPSK_20300_100RB#0

Band4_20MHz_16QAM_20300_100RB#0

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Verdict
Band4	1.4MHz	QPSK	19957	1RB#0	0.009~0.15	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	0.15~30	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	30~1000	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	1000~3000	PASS
Band4	1.4MHz	QPSK	19957	1RB#0	3000~20000	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.009~0.15	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	0.15~30	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	30~1000	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	1000~3000	PASS
Band4	1.4MHz	16QAM	19957	1RB#0	3000~20000	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.009~0.15	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	0.15~30	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	30~1000	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	1000~3000	PASS
Band4	1.4MHz	QPSK	20175	1RB#0	3000~20000	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.009~0.15	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	0.15~30	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	30~1000	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	1000~3000	PASS
Band4	1.4MHz	16QAM	20175	1RB#0	3000~20000	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.009~0.15	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	0.15~30	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	30~1000	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	1000~3000	PASS
Band4	1.4MHz	QPSK	20393	1RB#0	3000~20000	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.009~0.15	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	0.15~30	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	30~1000	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	1000~3000	PASS
Band4	1.4MHz	16QAM	20393	1RB#0	3000~20000	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.009~0.15	PASS
Band4	3MHz	QPSK	19965	1RB#0	0.15~30	PASS
Band4	3MHz	QPSK	19965	1RB#0	30~1000	PASS
Band4	3MHz	QPSK	19965	1RB#0	1000~3000	PASS
Band4	3MHz	QPSK	19965	1RB#0	3000~20000	PASS

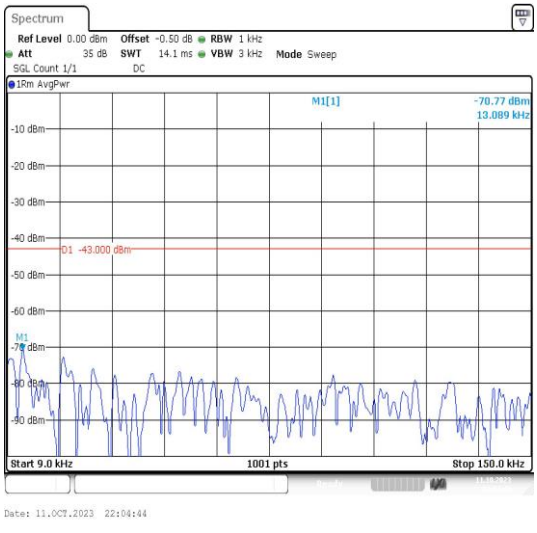
Band4	3MHz	16QAM	19965	1RB#0	0.009~0.15	PASS
Band4	3MHz	16QAM	19965	1RB#0	0.15~30	PASS
Band4	3MHz	16QAM	19965	1RB#0	30~1000	PASS
Band4	3MHz	16QAM	19965	1RB#0	1000~3000	PASS
Band4	3MHz	16QAM	19965	1RB#0	3000~20000	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.009~0.15	PASS
Band4	3MHz	QPSK	20175	1RB#0	0.15~30	PASS
Band4	3MHz	QPSK	20175	1RB#0	30~1000	PASS
Band4	3MHz	QPSK	20175	1RB#0	1000~3000	PASS
Band4	3MHz	QPSK	20175	1RB#0	3000~20000	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.009~0.15	PASS
Band4	3MHz	16QAM	20175	1RB#0	0.15~30	PASS
Band4	3MHz	16QAM	20175	1RB#0	30~1000	PASS
Band4	3MHz	16QAM	20175	1RB#0	1000~3000	PASS
Band4	3MHz	16QAM	20175	1RB#0	3000~20000	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.009~0.15	PASS
Band4	3MHz	QPSK	20385	1RB#0	0.15~30	PASS
Band4	3MHz	QPSK	20385	1RB#0	30~1000	PASS
Band4	3MHz	QPSK	20385	1RB#0	1000~3000	PASS
Band4	3MHz	QPSK	20385	1RB#0	3000~20000	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.009~0.15	PASS
Band4	3MHz	16QAM	20385	1RB#0	0.15~30	PASS
Band4	3MHz	16QAM	20385	1RB#0	30~1000	PASS
Band4	3MHz	16QAM	20385	1RB#0	1000~3000	PASS
Band4	3MHz	16QAM	20385	1RB#0	3000~20000	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.009~0.15	PASS
Band4	5MHz	QPSK	19975	1RB#0	0.15~30	PASS
Band4	5MHz	QPSK	19975	1RB#0	30~1000	PASS
Band4	5MHz	QPSK	19975	1RB#0	1000~3000	PASS
Band4	5MHz	QPSK	19975	1RB#0	3000~20000	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.009~0.15	PASS
Band4	5MHz	16QAM	19975	1RB#0	0.15~30	PASS
Band4	5MHz	16QAM	19975	1RB#0	30~1000	PASS
Band4	5MHz	16QAM	19975	1RB#0	1000~3000	PASS
Band4	5MHz	16QAM	19975	1RB#0	3000~20000	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.009~0.15	PASS
Band4	5MHz	QPSK	20175	1RB#0	0.15~30	PASS
Band4	5MHz	QPSK	20175	1RB#0	30~1000	PASS
Band4	5MHz	QPSK	20175	1RB#0	1000~3000	PASS
Band4	5MHz	QPSK	20175	1RB#0	3000~20000	PASS
Band4	5MHz	16QAM	20175	1RB#0	0.009~0.15	PASS
Band4	5MHz	16QAM	20175	1RB#0	0.15~30	PASS

Band4	5MHz	16QAM	20175	1RB#0	30~1000	PASS
Band4	5MHz	16QAM	20175	1RB#0	1000~3000	PASS
Band4	5MHz	16QAM	20175	1RB#0	3000~20000	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.009~0.15	PASS
Band4	5MHz	QPSK	20375	1RB#0	0.15~30	PASS
Band4	5MHz	QPSK	20375	1RB#0	30~1000	PASS
Band4	5MHz	QPSK	20375	1RB#0	1000~3000	PASS
Band4	5MHz	QPSK	20375	1RB#0	3000~20000	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.009~0.15	PASS
Band4	5MHz	16QAM	20375	1RB#0	0.15~30	PASS
Band4	5MHz	16QAM	20375	1RB#0	30~1000	PASS
Band4	5MHz	16QAM	20375	1RB#0	1000~3000	PASS
Band4	5MHz	16QAM	20375	1RB#0	3000~20000	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.009~0.15	PASS
Band4	10MHz	QPSK	20000	1RB#0	0.15~30	PASS
Band4	10MHz	QPSK	20000	1RB#0	30~1000	PASS
Band4	10MHz	QPSK	20000	1RB#0	1000~3000	PASS
Band4	10MHz	QPSK	20000	1RB#0	3000~20000	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.009~0.15	PASS
Band4	10MHz	16QAM	20000	1RB#0	0.15~30	PASS
Band4	10MHz	16QAM	20000	1RB#0	30~1000	PASS
Band4	10MHz	16QAM	20000	1RB#0	1000~3000	PASS
Band4	10MHz	16QAM	20000	1RB#0	3000~20000	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.009~0.15	PASS
Band4	10MHz	QPSK	20175	1RB#0	0.15~30	PASS
Band4	10MHz	QPSK	20175	1RB#0	30~1000	PASS
Band4	10MHz	QPSK	20175	1RB#0	1000~3000	PASS
Band4	10MHz	QPSK	20175	1RB#0	3000~20000	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.009~0.15	PASS
Band4	10MHz	16QAM	20175	1RB#0	0.15~30	PASS
Band4	10MHz	16QAM	20175	1RB#0	30~1000	PASS
Band4	10MHz	16QAM	20175	1RB#0	1000~3000	PASS
Band4	10MHz	16QAM	20175	1RB#0	3000~20000	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.009~0.15	PASS
Band4	10MHz	QPSK	20350	1RB#0	0.15~30	PASS
Band4	10MHz	QPSK	20350	1RB#0	30~1000	PASS
Band4	10MHz	QPSK	20350	1RB#0	1000~3000	PASS
Band4	10MHz	QPSK	20350	1RB#0	3000~20000	PASS
Band4	10MHz	16QAM	20350	1RB#0	0.009~0.15	PASS
Band4	10MHz	16QAM	20350	1RB#0	0.15~30	PASS
Band4	10MHz	16QAM	20350	1RB#0	30~1000	PASS
Band4	10MHz	16QAM	20350	1RB#0	1000~3000	PASS

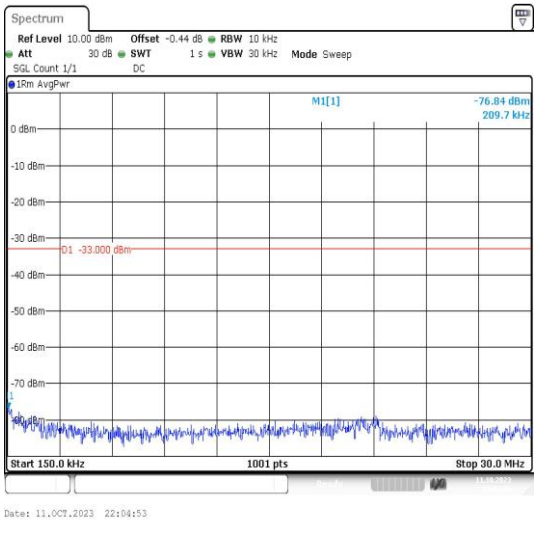
Band4	10MHz	16QAM	20350	1RB#0	3000~20000	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.009~0.15	PASS
Band4	15MHz	QPSK	20025	1RB#0	0.15~30	PASS
Band4	15MHz	QPSK	20025	1RB#0	30~1000	PASS
Band4	15MHz	QPSK	20025	1RB#0	1000~3000	PASS
Band4	15MHz	QPSK	20025	1RB#0	3000~20000	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.009~0.15	PASS
Band4	15MHz	16QAM	20025	1RB#0	0.15~30	PASS
Band4	15MHz	16QAM	20025	1RB#0	30~1000	PASS
Band4	15MHz	16QAM	20025	1RB#0	1000~3000	PASS
Band4	15MHz	16QAM	20025	1RB#0	3000~20000	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.009~0.15	PASS
Band4	15MHz	QPSK	20175	1RB#0	0.15~30	PASS
Band4	15MHz	QPSK	20175	1RB#0	30~1000	PASS
Band4	15MHz	QPSK	20175	1RB#0	1000~3000	PASS
Band4	15MHz	QPSK	20175	1RB#0	3000~20000	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.009~0.15	PASS
Band4	15MHz	16QAM	20175	1RB#0	0.15~30	PASS
Band4	15MHz	16QAM	20175	1RB#0	30~1000	PASS
Band4	15MHz	16QAM	20175	1RB#0	1000~3000	PASS
Band4	15MHz	16QAM	20175	1RB#0	3000~20000	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.009~0.15	PASS
Band4	15MHz	QPSK	20325	1RB#0	0.15~30	PASS
Band4	15MHz	QPSK	20325	1RB#0	30~1000	PASS
Band4	15MHz	QPSK	20325	1RB#0	1000~3000	PASS
Band4	15MHz	QPSK	20325	1RB#0	3000~20000	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.009~0.15	PASS
Band4	15MHz	16QAM	20325	1RB#0	0.15~30	PASS
Band4	15MHz	16QAM	20325	1RB#0	30~1000	PASS
Band4	15MHz	16QAM	20325	1RB#0	1000~3000	PASS
Band4	15MHz	16QAM	20325	1RB#0	3000~20000	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.009~0.15	PASS
Band4	20MHz	QPSK	20050	1RB#0	0.15~30	PASS
Band4	20MHz	QPSK	20050	1RB#0	30~1000	PASS
Band4	20MHz	QPSK	20050	1RB#0	1000~3000	PASS
Band4	20MHz	QPSK	20050	1RB#0	3000~20000	PASS
Band4	20MHz	16QAM	20050	1RB#0	0.009~0.15	PASS
Band4	20MHz	16QAM	20050	1RB#0	0.15~30	PASS
Band4	20MHz	16QAM	20050	1RB#0	30~1000	PASS
Band4	20MHz	16QAM	20050	1RB#0	1000~3000	PASS
Band4	20MHz	16QAM	20050	1RB#0	3000~20000	PASS
Band4	20MHz	QPSK	20175	1RB#0	0.009~0.15	PASS

Band4	20MHz	QPSK	20175	1RB#0	0.15~30	PASS
Band4	20MHz	QPSK	20175	1RB#0	30~1000	PASS
Band4	20MHz	QPSK	20175	1RB#0	1000~3000	PASS
Band4	20MHz	QPSK	20175	1RB#0	3000~20000	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.009~0.15	PASS
Band4	20MHz	16QAM	20175	1RB#0	0.15~30	PASS
Band4	20MHz	16QAM	20175	1RB#0	30~1000	PASS
Band4	20MHz	16QAM	20175	1RB#0	1000~3000	PASS
Band4	20MHz	16QAM	20175	1RB#0	3000~20000	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.009~0.15	PASS
Band4	20MHz	QPSK	20300	1RB#0	0.15~30	PASS
Band4	20MHz	QPSK	20300	1RB#0	30~1000	PASS
Band4	20MHz	QPSK	20300	1RB#0	1000~3000	PASS
Band4	20MHz	QPSK	20300	1RB#0	3000~20000	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.009~0.15	PASS
Band4	20MHz	16QAM	20300	1RB#0	0.15~30	PASS
Band4	20MHz	16QAM	20300	1RB#0	30~1000	PASS
Band4	20MHz	16QAM	20300	1RB#0	1000~3000	PASS
Band4	20MHz	16QAM	20300	1RB#0	3000~20000	PASS

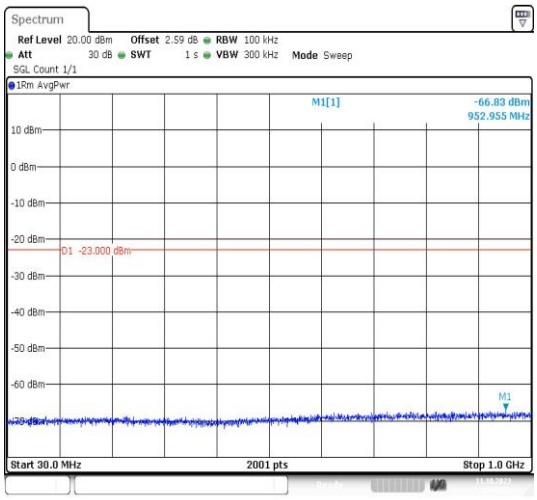
Test Graphs



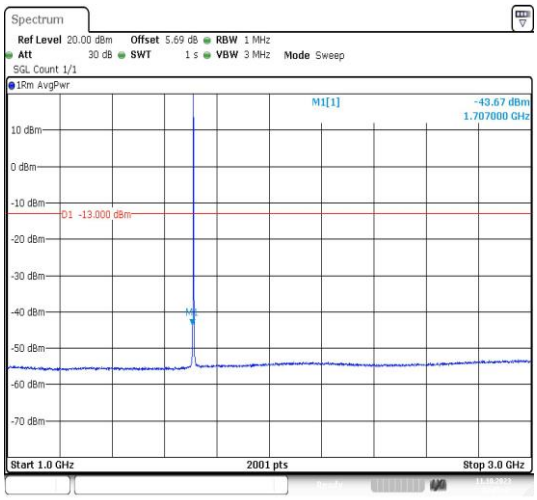
Band4_1.4MHz_QPSK_19957_1RB#0_0.009~0.15_0.009~0.15



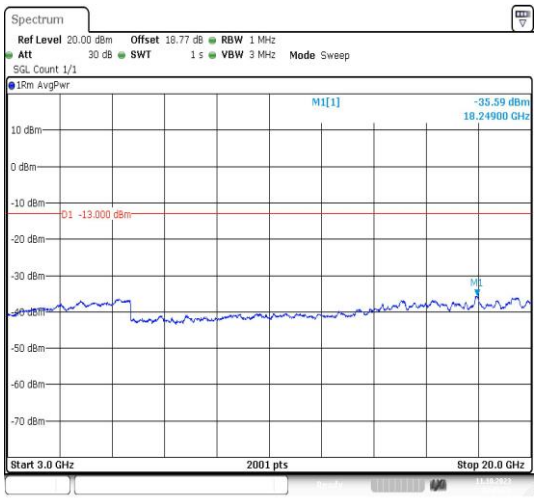
Band4_1.4MHz_QPSK_19957_1RB#0_0.15~30_0.15~30



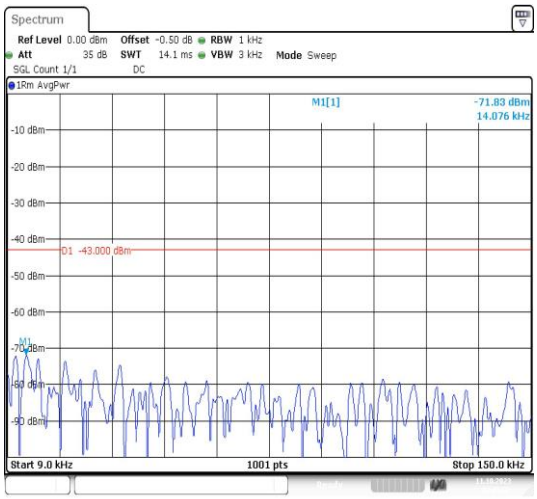
Band4_1.4MHz_QPSK_19957_1RB#0_30~1000_30~1000



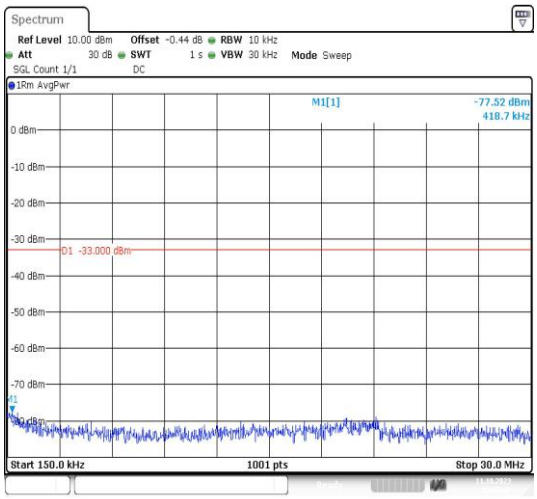
Band4_1.4MHz_QPSK_19957_1RB#0_1000~3000_1000~3000

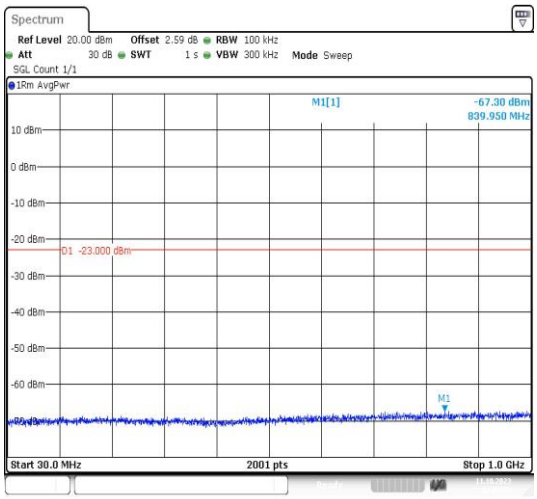


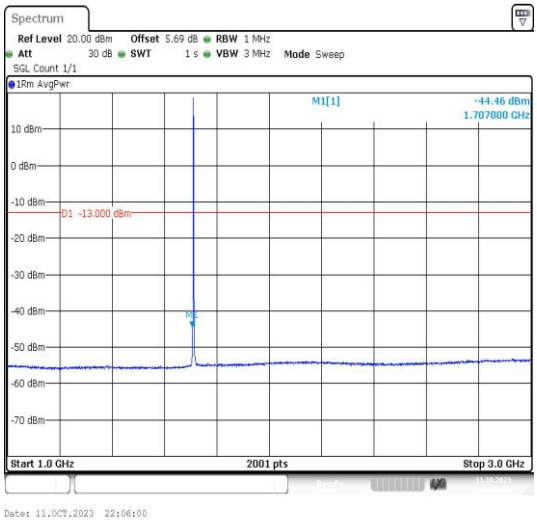
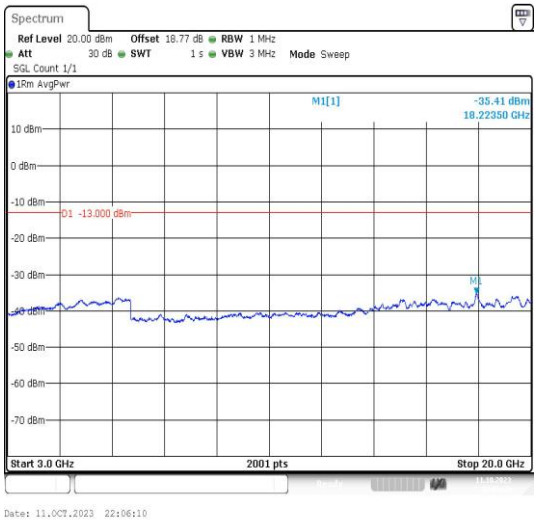
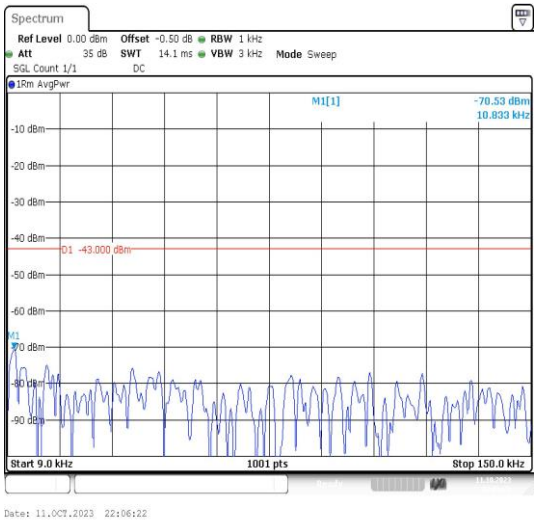
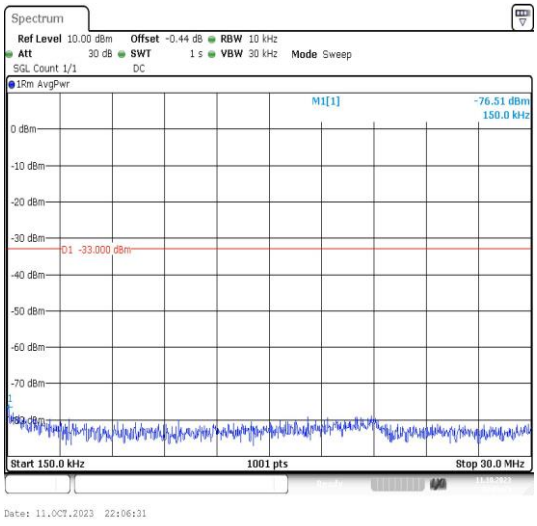
Band4_1.4MHz_QPSK_19957_1RB#0_3000~20000_3000~20000

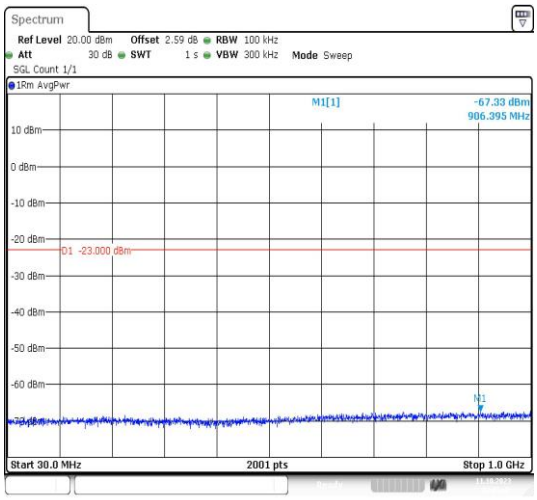


Band4_1.4MHz_16QAM_19957_1RB#0_0.009~0.15_0.009~0.15

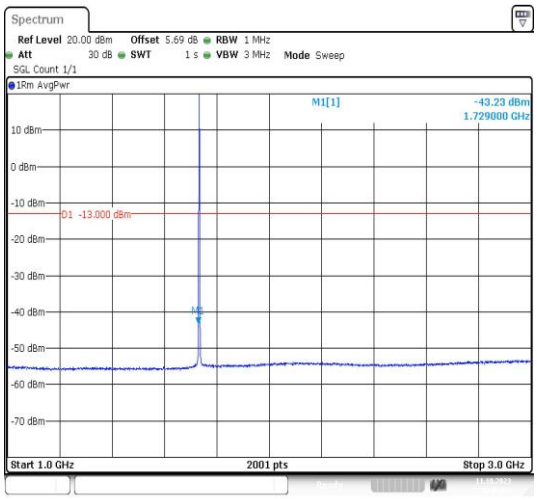




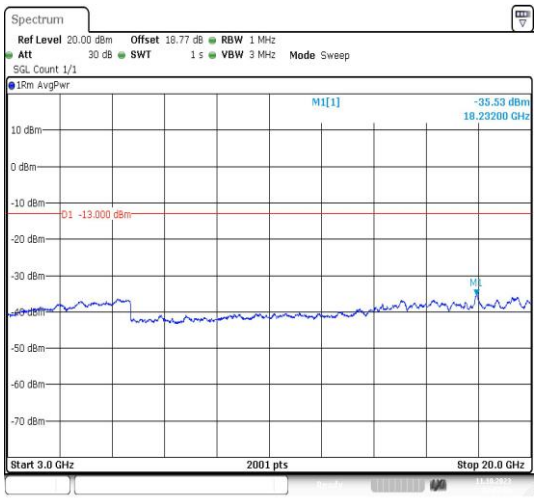
Band4_1.4MHz_16QAM_19957_1RB#0_0.15~30_0.15~30	Band4_1.4MHz_16QAM_19957_1RB#0_30~1000_30~1000
	
Band4_1.4MHz_16QAM_19957_1RB#0_1000~3000_1000~3000	Band4_1.4MHz_16QAM_19957_1RB#0_3000~20000_3000~20000
	
Band4_1.4MHz_QPSK_20175_1RB#0_0.009~0.15_0.009~0.15	Band4_1.4MHz_QPSK_20175_1RB#0_0.15~30_0.15~30



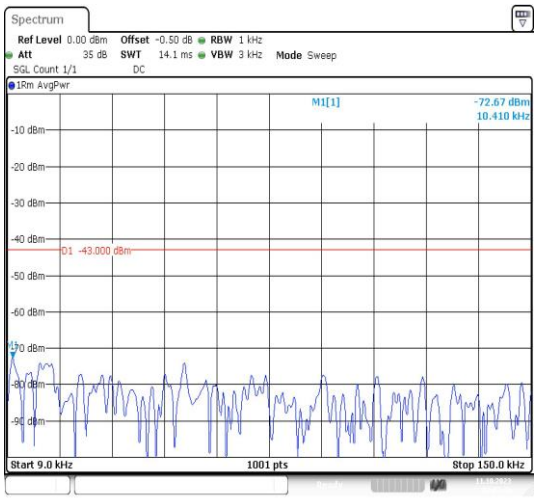
Band4_1.4MHz_QPSK_20175_1RB#0_30~1000_30~1000



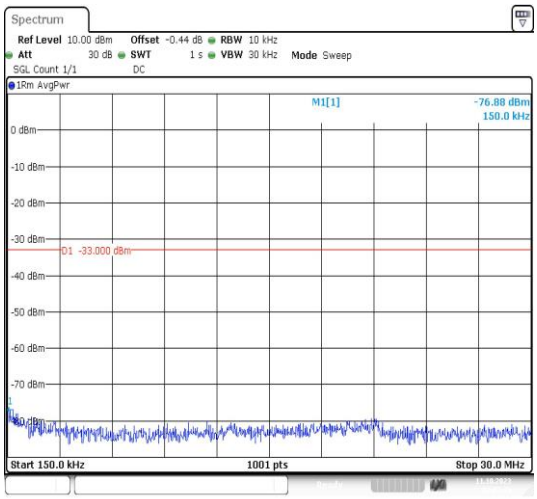
Band4_1.4MHz_QPSK_20175_1RB#0_1000~3000_1000~3000

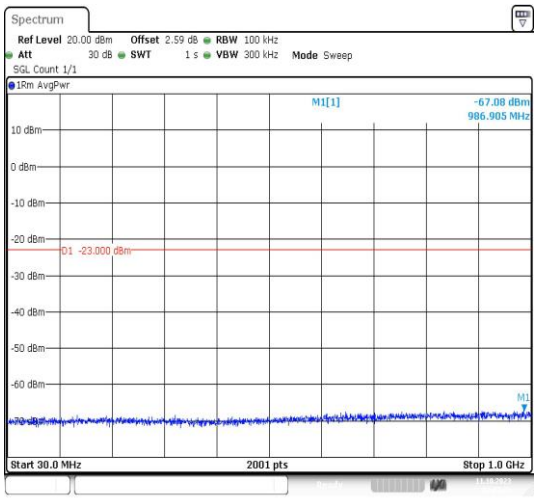


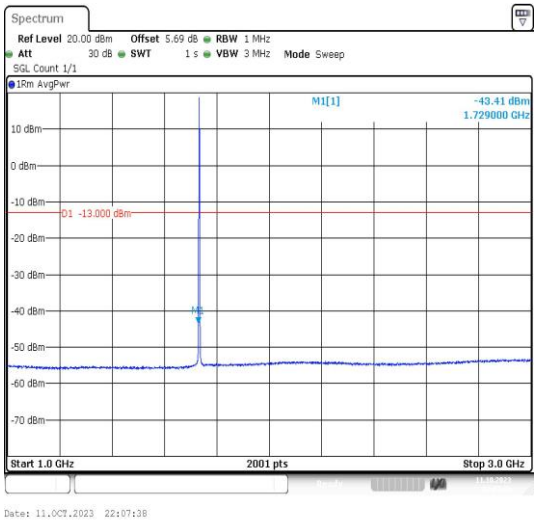
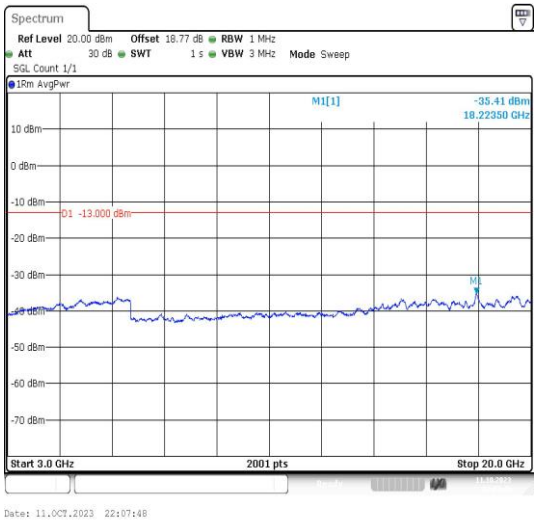
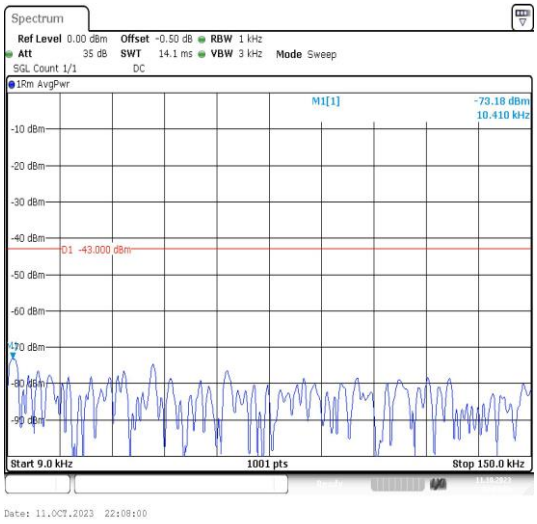
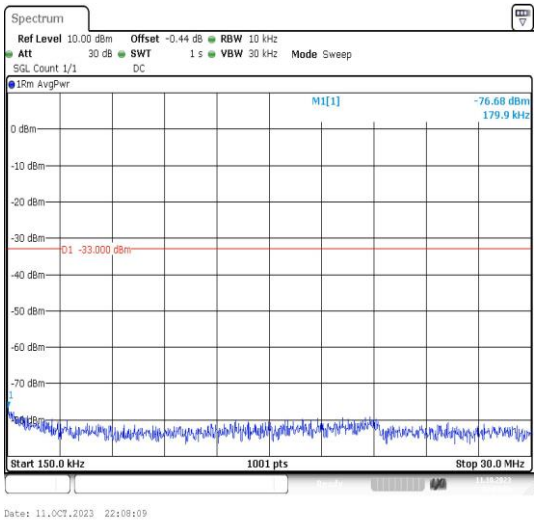
Band4_1.4MHz_QPSK_20175_1RB#0_3000~20000_3000~20000

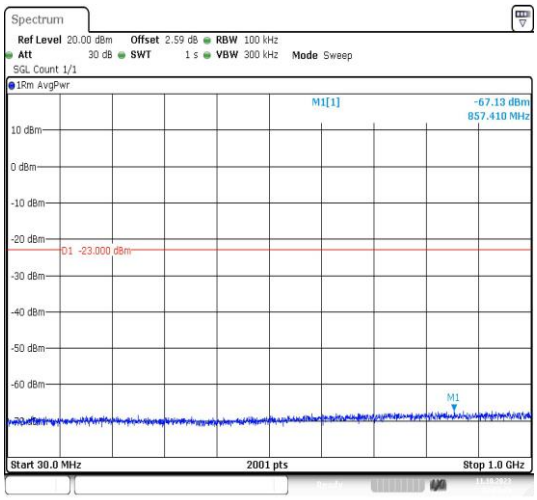


Band4_1.4MHz_16QAM_20175_1RB#0_0.009~0.15_0.009~0.15

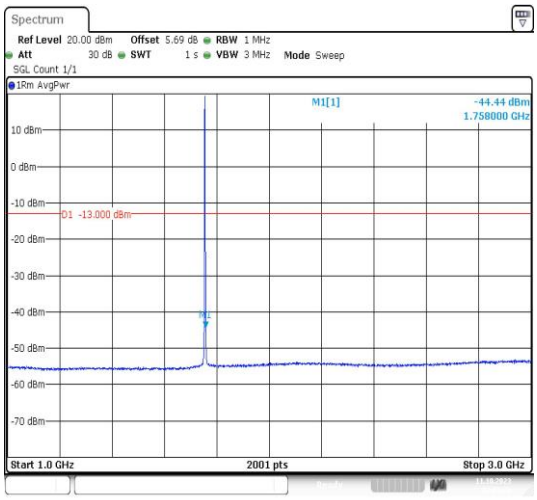




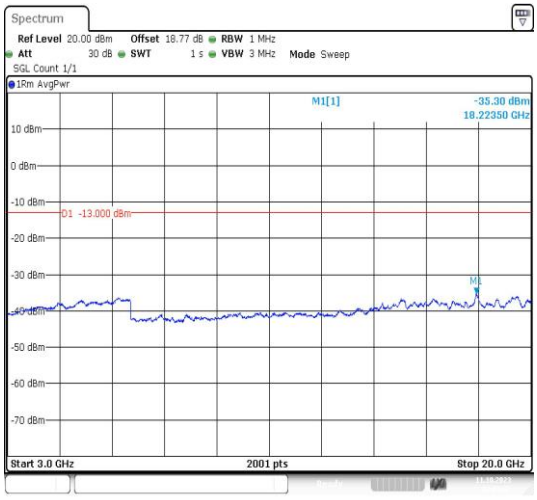
Band4_1.4MHz_16QAM_20175_1RB#0_0.15~30_0.15~30	Band4_1.4MHz_16QAM_20175_1RB#0_30~1000_30~1000
	
Band4_1.4MHz_16QAM_20175_1RB#0_1000~3000_1000~3000	Band4_1.4MHz_16QAM_20175_1RB#0_3000~20000_3000~20000
	
Band4_1.4MHz_QPSK_20393_1RB#0_0.009~0.15_0.009~0.15	Band4_1.4MHz_QPSK_20393_1RB#0_0.15~30_0.15~30



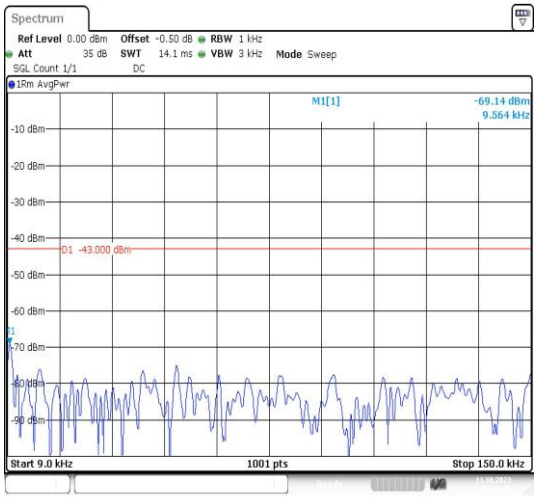
Band4_1.4MHz_QPSK_20393_1RB#0_30~1000_30~1000



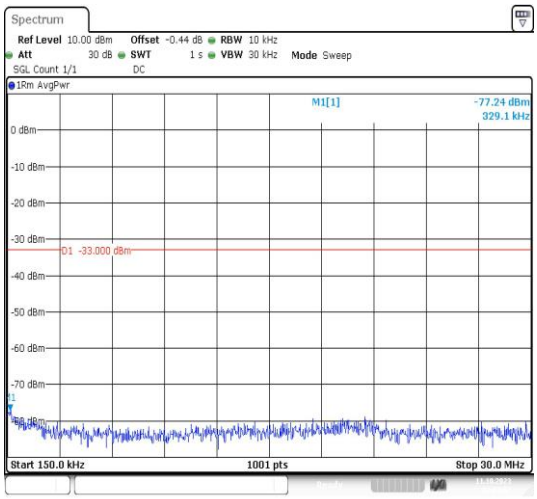
Band4_1.4MHz_QPSK_20393_1RB#0_1000~3000_1000~3000

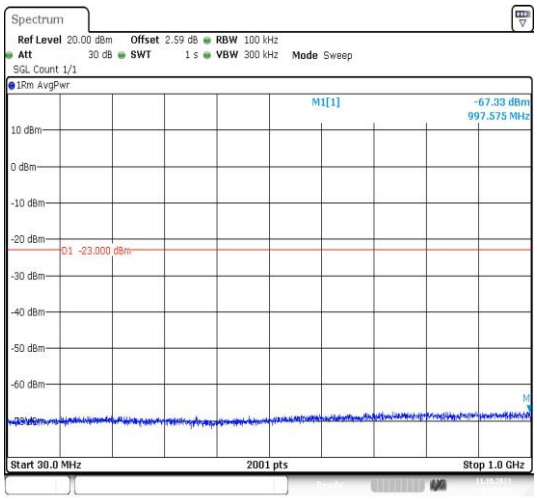


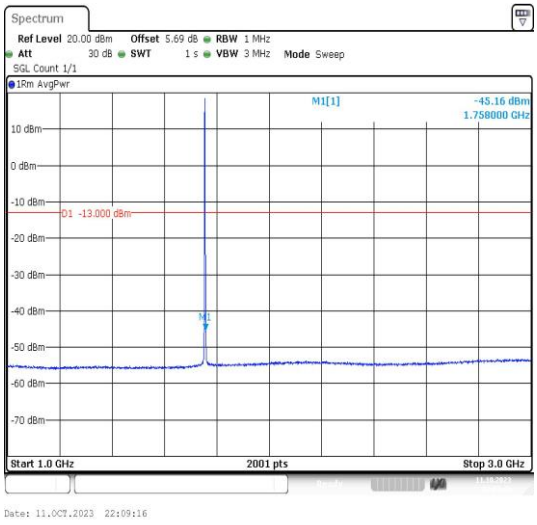
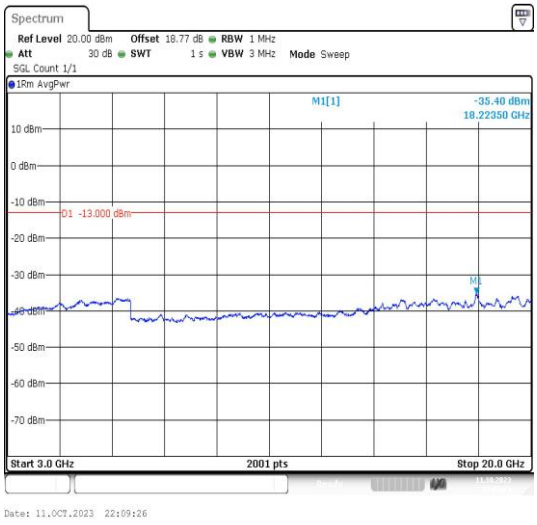
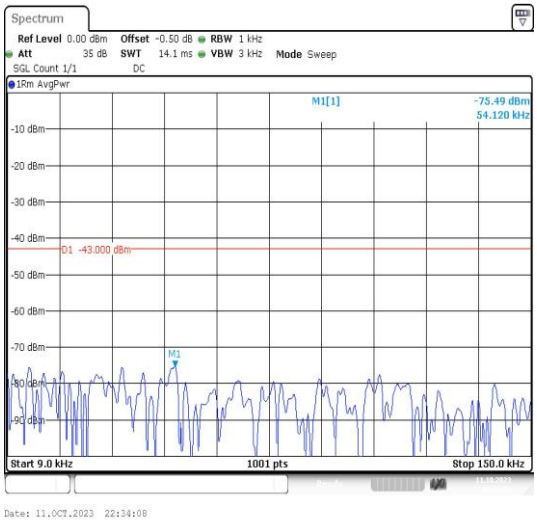
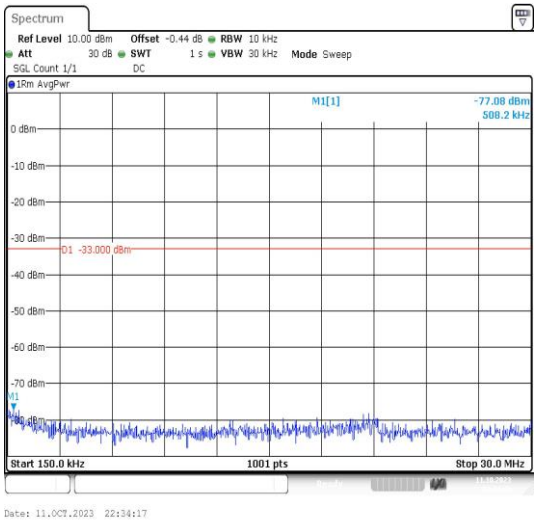
Band4_1.4MHz_QPSK_20393_1RB#0_3000~20000_3000~20000

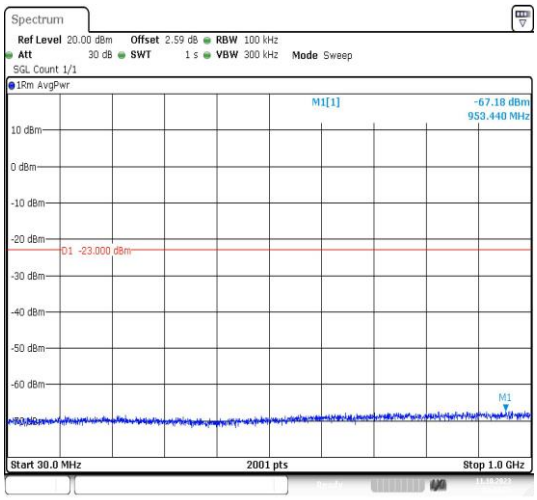


Band4_1.4MHz_16QAM_20393_1RB#0_0.009~0.15_0.009~0.15

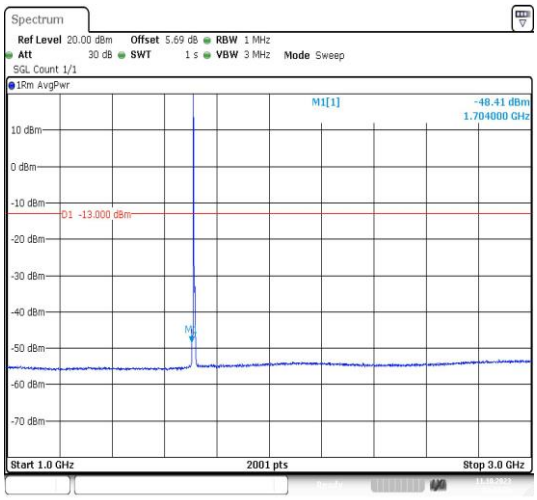




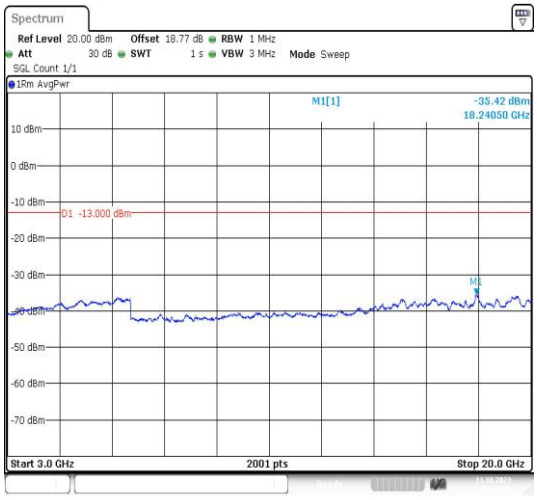
Band4_1.4MHz_16QAM_20393_1RB#0_0.15~30_0.15~30	Band4_1.4MHz_16QAM_20393_1RB#0_30~1000_30~1000
	
Band4_1.4MHz_16QAM_20393_1RB#0_1000~3000_1000~3000	Band4_1.4MHz_16QAM_20393_1RB#0_3000~20000_3000~20000
	
Band4_3MHz_QPSK_19965_1RB#0_0.009~0.15_0.009~0.15	Band4_3MHz_QPSK_19965_1RB#0_0.15~30_0.15~30



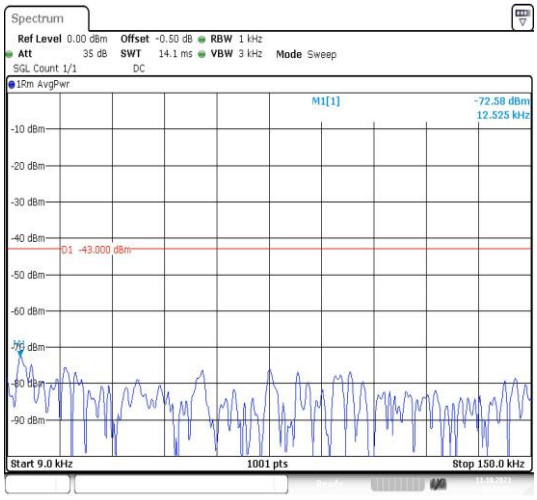
Band4_3MHz_QPSK_19965_1RB#0_30~1000_30~1000



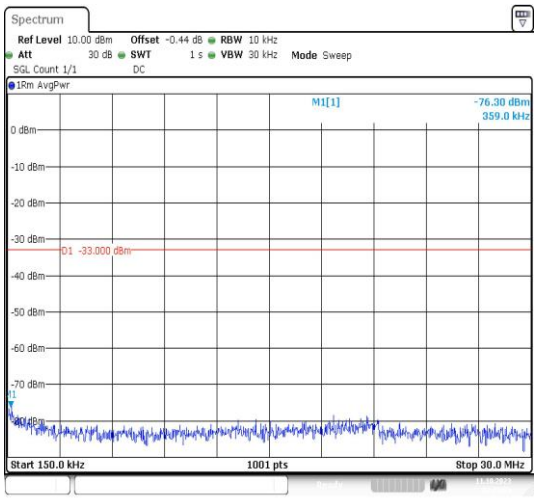
Band4_3MHz_QPSK_19965_1RB#0_1000~3000_1000~3000

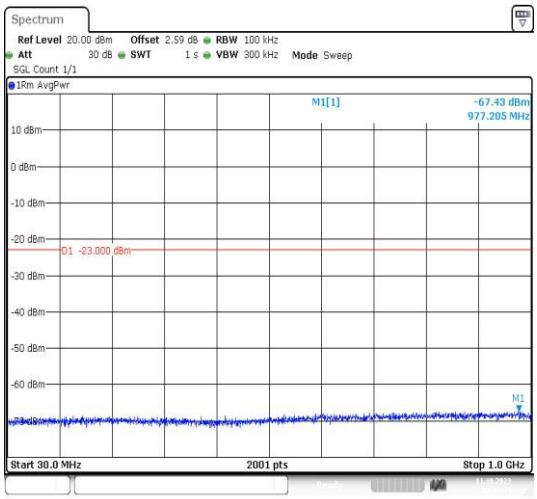


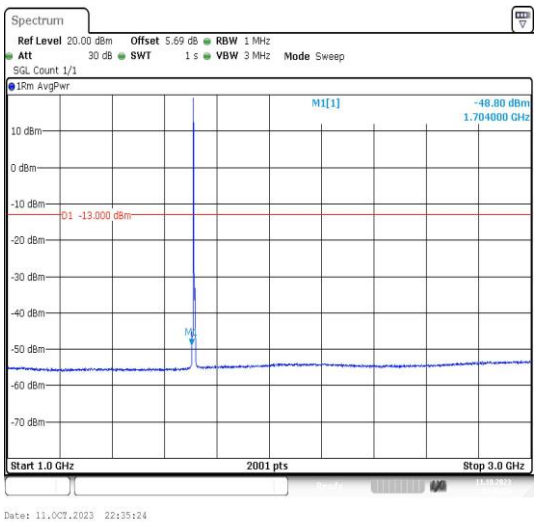
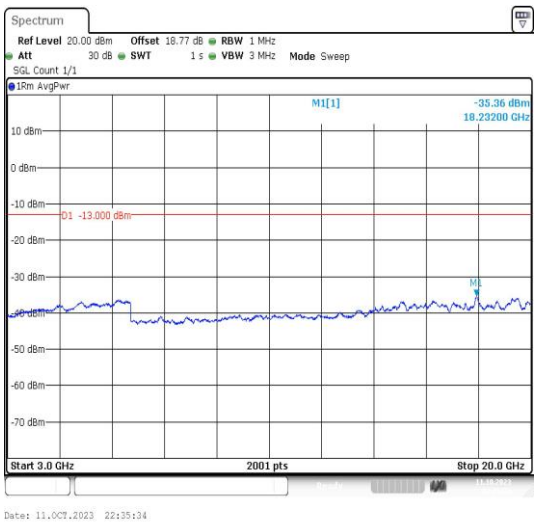
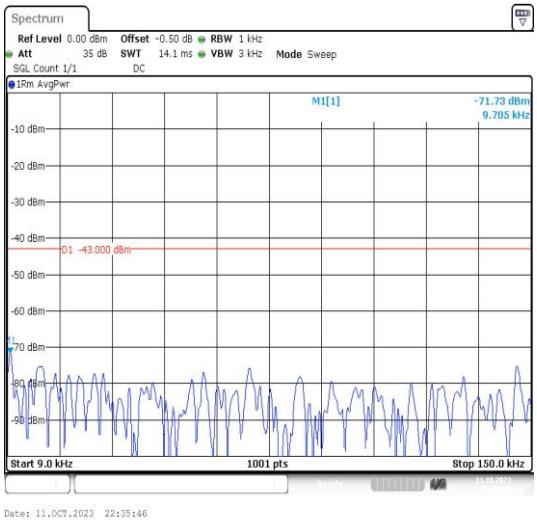
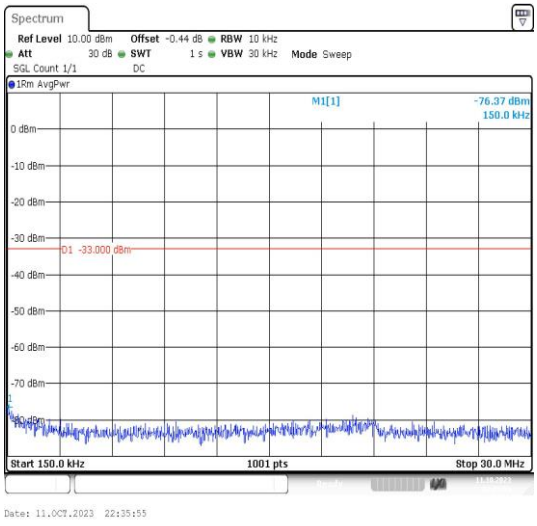
Band4_3MHz_QPSK_19965_1RB#0_3000~20000_3000~20000

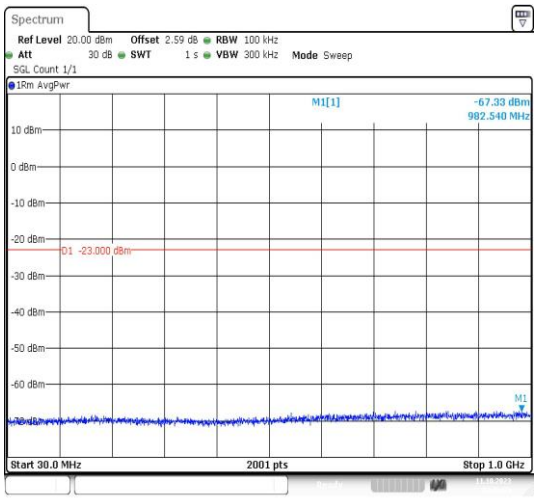


Band4_3MHz_16QAM_19965_1RB#0_0.009~0.15_0.009~0.15

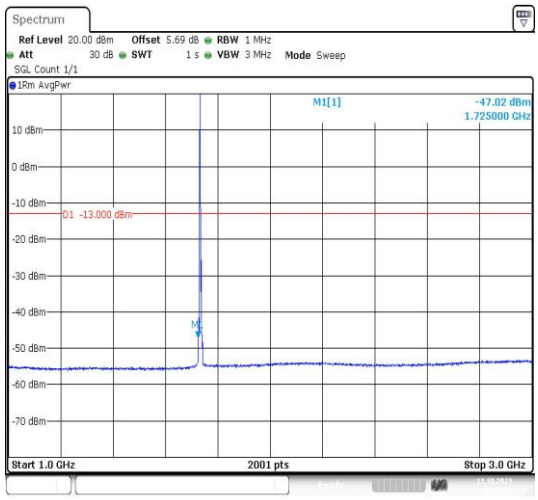




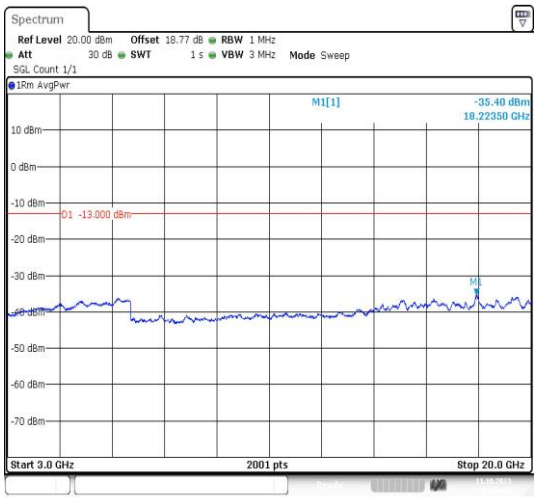
Band4_3MHz_16QAM_19965_1RB#0_0.15~30_0.15~30	Band4_3MHz_16QAM_19965_1RB#0_30~1000_30~1000
	
Band4_3MHz_16QAM_19965_1RB#0_1000~3000_1000~3000	Band4_3MHz_16QAM_19965_1RB#0_3000~20000_3000~20000
	
Band4_3MHz_QPSK_20175_1RB#0_0.009~0.15_0.009~0.15	Band4_3MHz_QPSK_20175_1RB#0_0.15~30_0.15~30



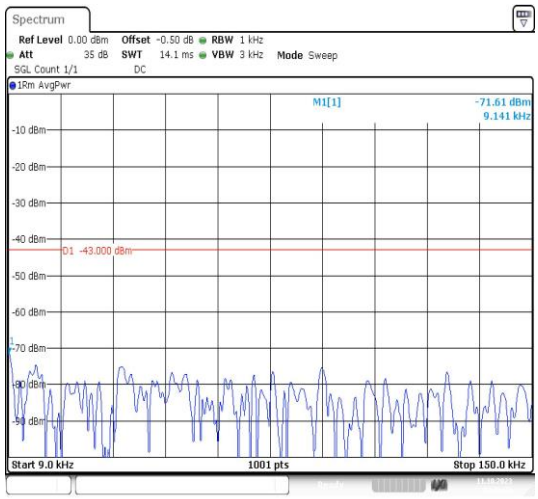
Band4_3MHz_QPSK_20175_1RB#0_30~1000_30~1000



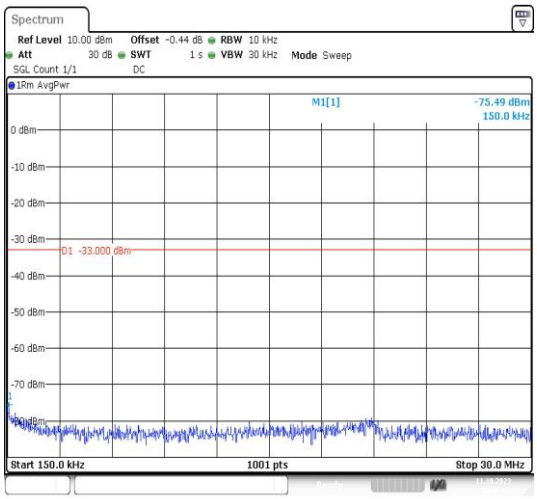
Band4_3MHz_QPSK_20175_1RB#0_1000~3000_1000~3000

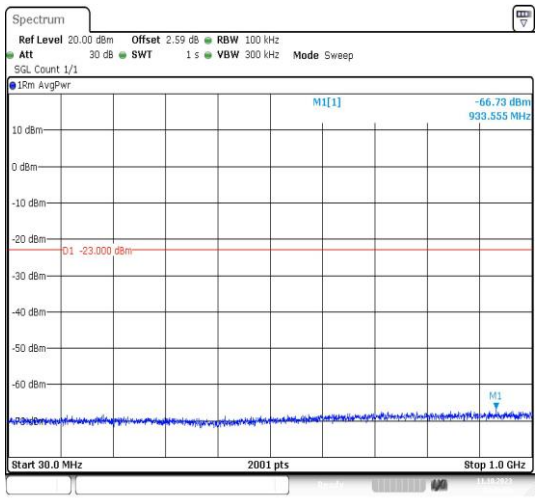


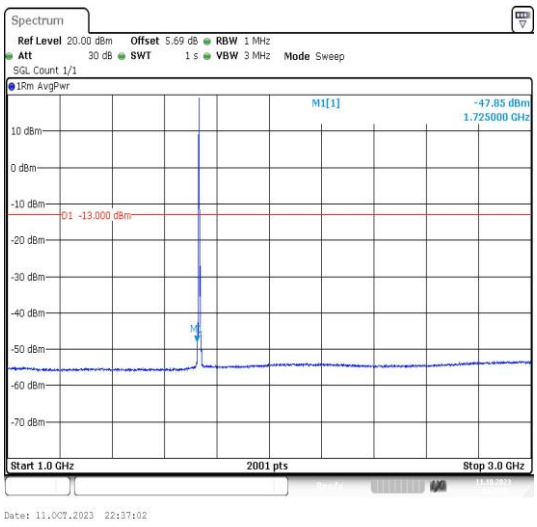
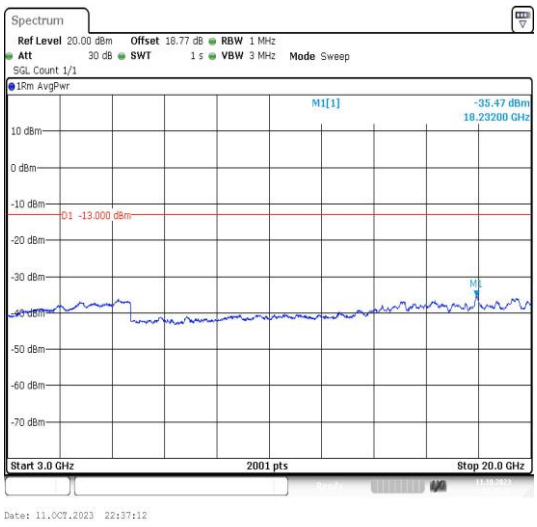
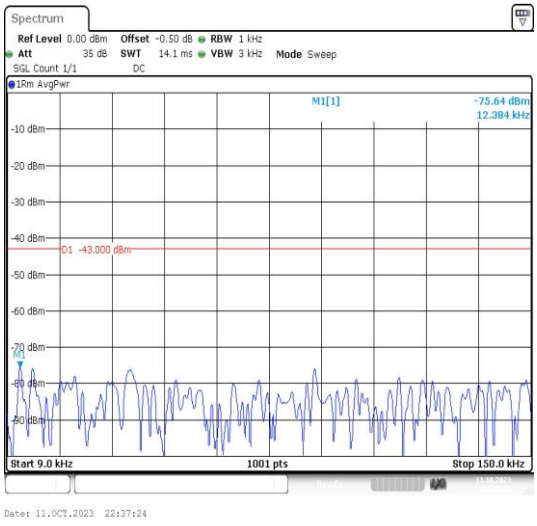
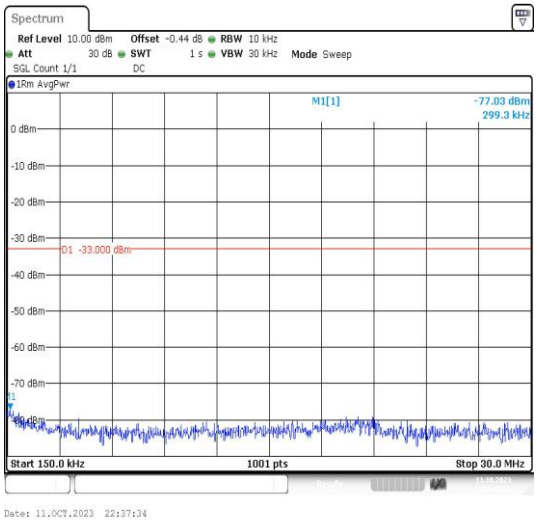
Band4_3MHz_QPSK_20175_1RB#0_3000~20000_3000~20000

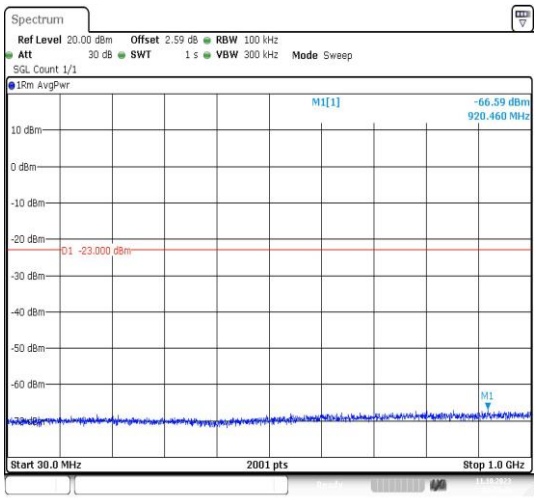


Band4_3MHz_16QAM_20175_1RB#0_0.009~0.15_0.009~0.15

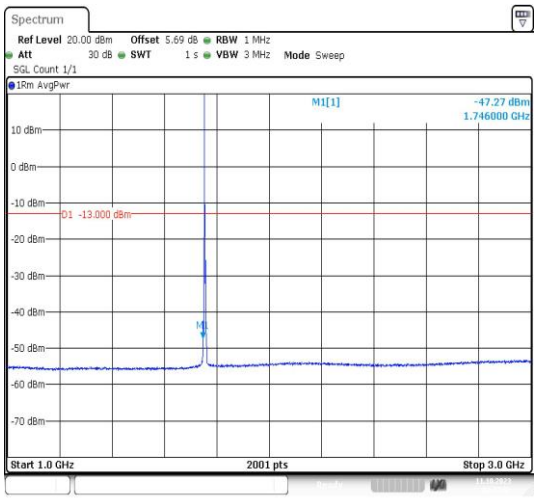




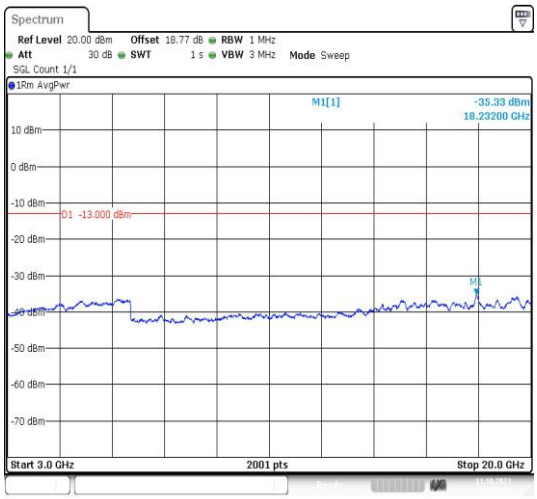
Band4_3MHz_16QAM_20175_1RB#0_0.15~30_0.15~30	Band4_3MHz_16QAM_20175_1RB#0_30~1000_30~1000
	
Band4_3MHz_16QAM_20175_1RB#0_1000~3000_1000~3000	Band4_3MHz_16QAM_20175_1RB#0_3000~20000_3000~20000
	
Band4_3MHz_QPSK_20385_1RB#0_0.009~0.15_0.009~0.15	Band4_3MHz_QPSK_20385_1RB#0_0.15~30_0.15~30



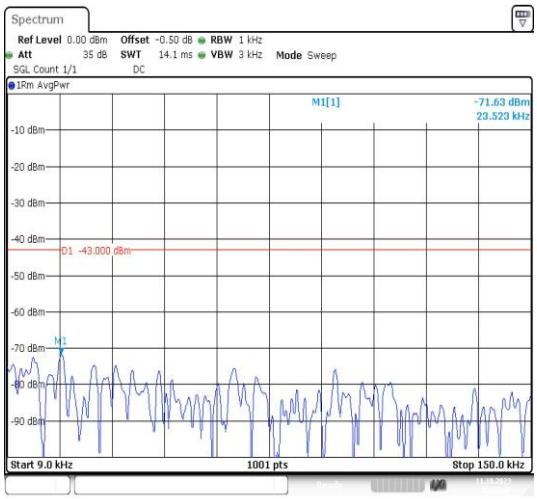
Band4_3MHz_QPSK_20385_1RB#0_30~1000_30~1000



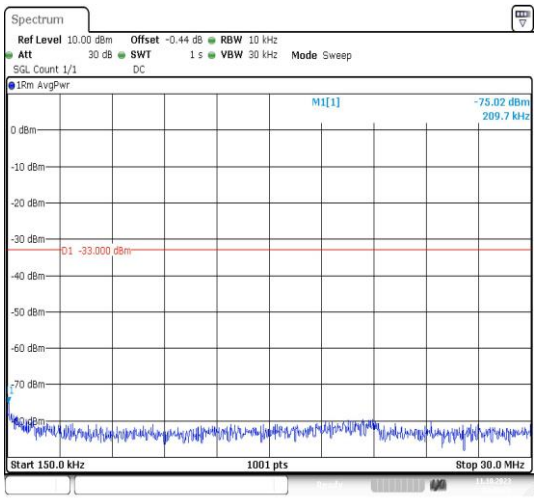
Band4_3MHz_QPSK_20385_1RB#0_1000~3000_1000~3000

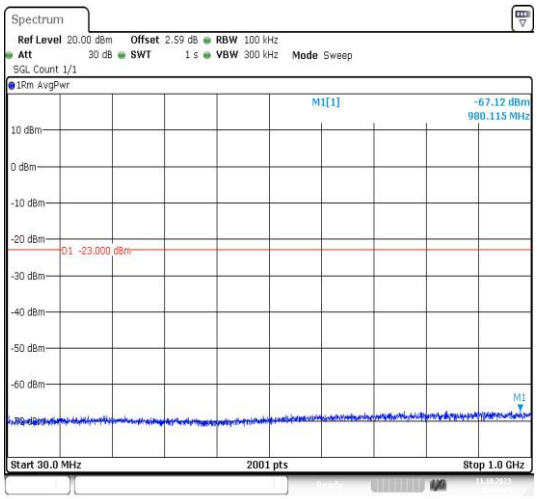


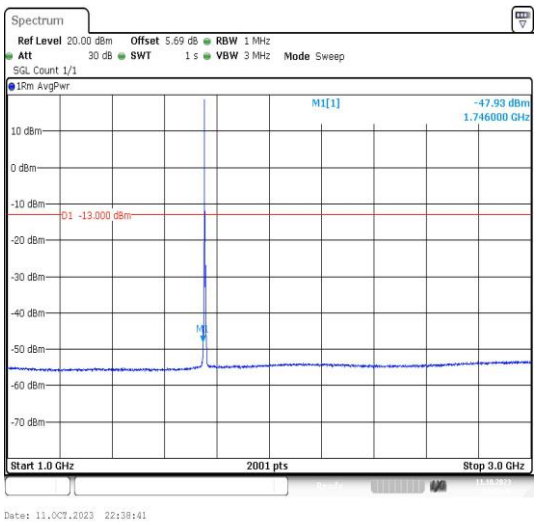
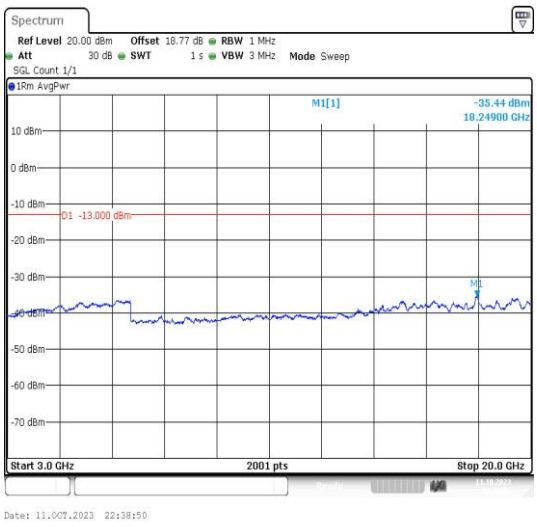
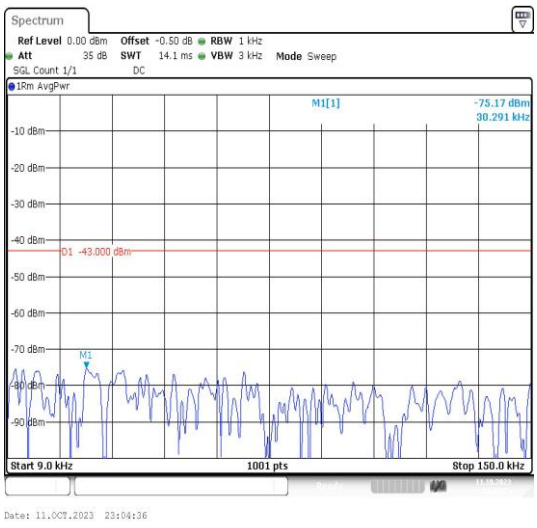
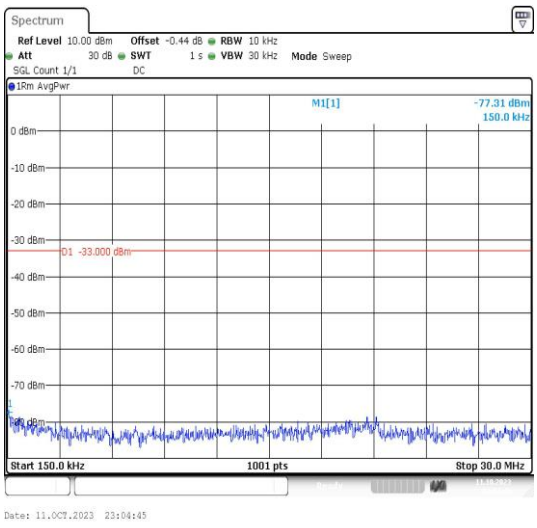
Band4_3MHz_QPSK_20385_1RB#0_3000~20000_3000~20000

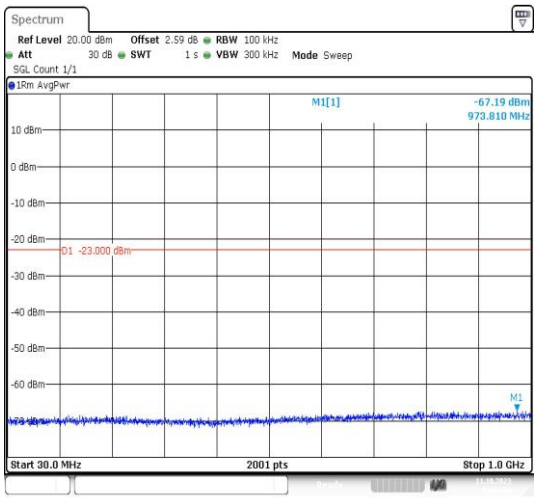


Band4_3MHz_16QAM_20385_1RB#0_0.009~0.15_0.009~0.15

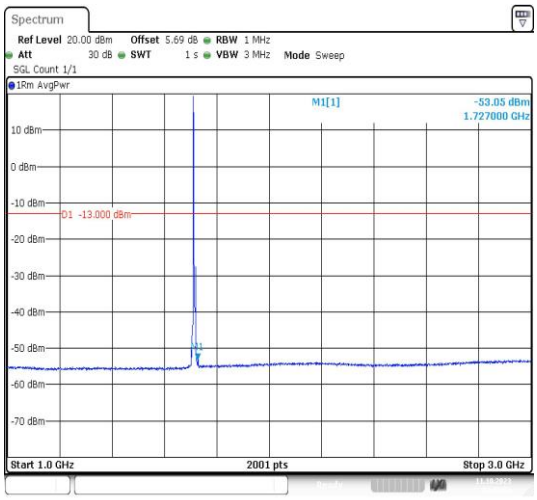




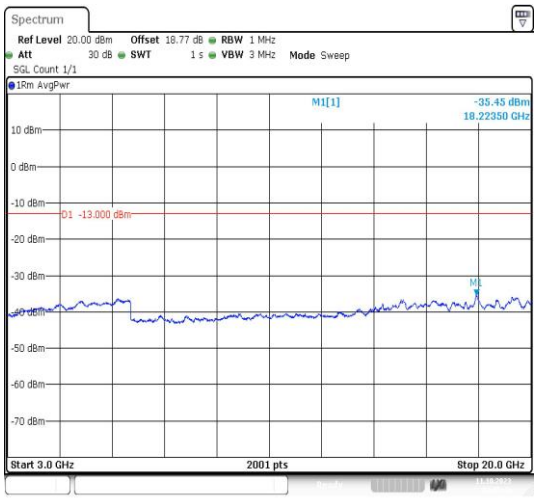
Band4_3MHz_16QAM_20385_1RB#0_0.15~30_0.15~30	Band4_3MHz_16QAM_20385_1RB#0_30~1000_30~1000
	
Band4_3MHz_16QAM_20385_1RB#0_1000~3000_1000~3000	Band4_3MHz_16QAM_20385_1RB#0_3000~20000_3000~20000
	
Band4_5MHz_QPSK_19975_1RB#0_0.009~0.15_0.009~0.15	Band4_5MHz_QPSK_19975_1RB#0_0.15~30_0.15~30



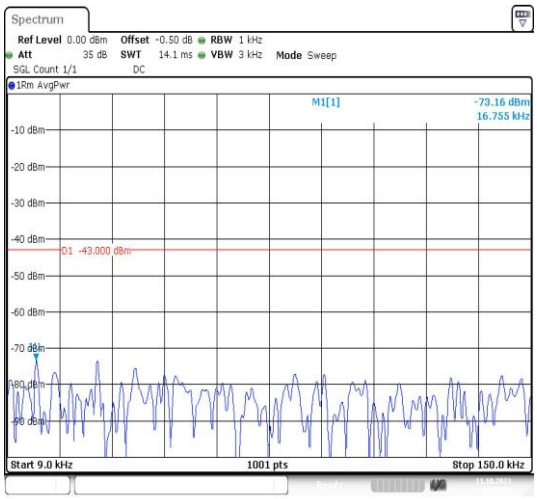
Band4_5MHz_QPSK_19975_1RB#0_30~1000_30~1000



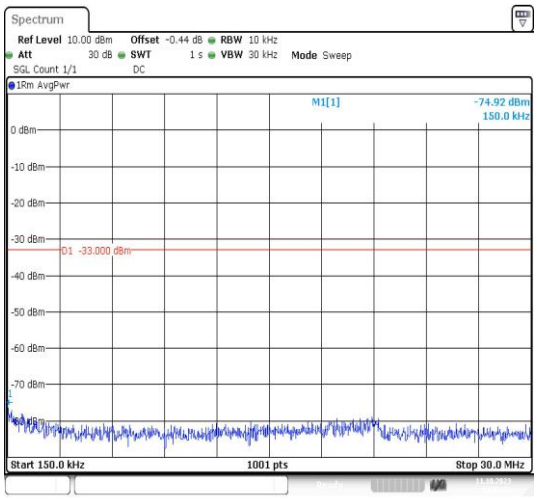
Band4_5MHz_QPSK_19975_1RB#0_1000~3000_1000~3000

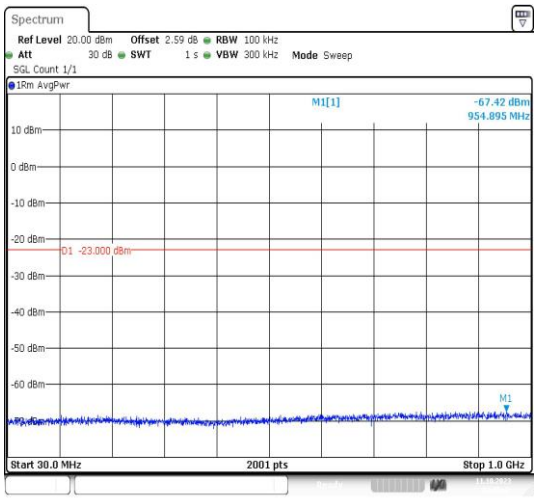


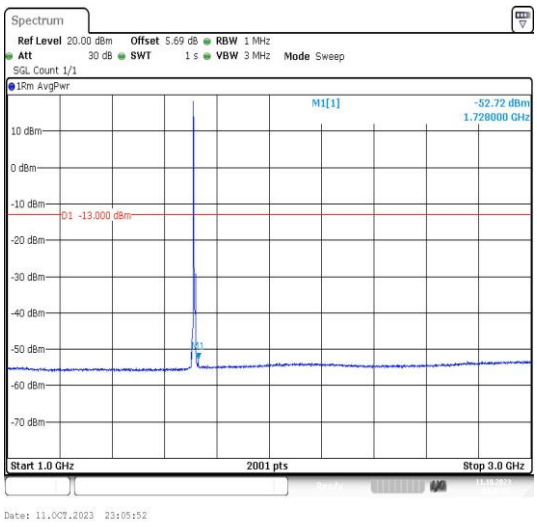
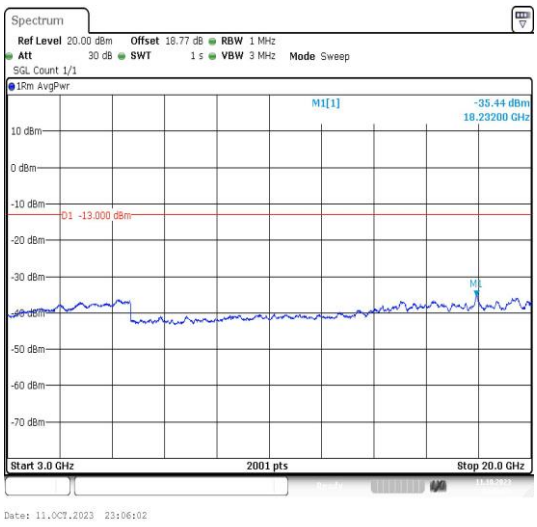
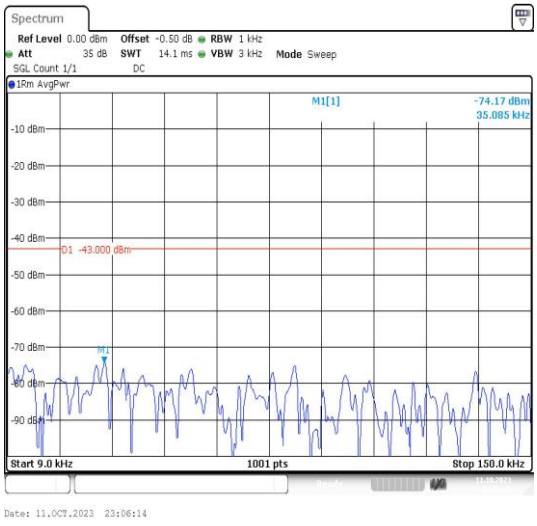
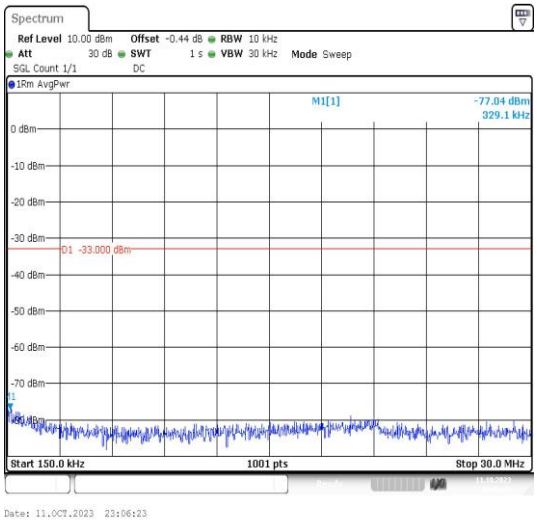
Band4_5MHz_QPSK_19975_1RB#0_3000~20000_3000~20000

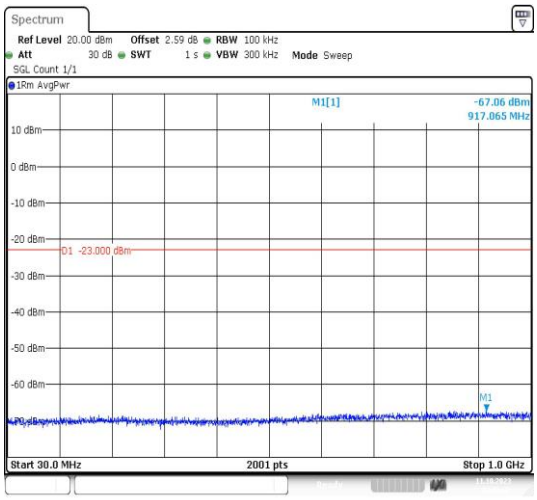


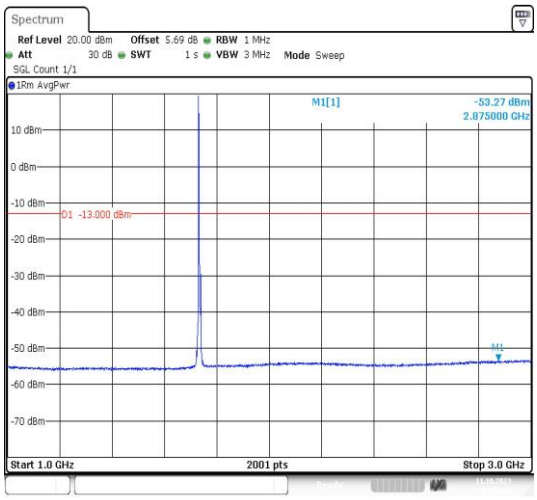
Band4_5MHz_16QAM_19975_1RB#0_0.009~0.15_0.009~0.15





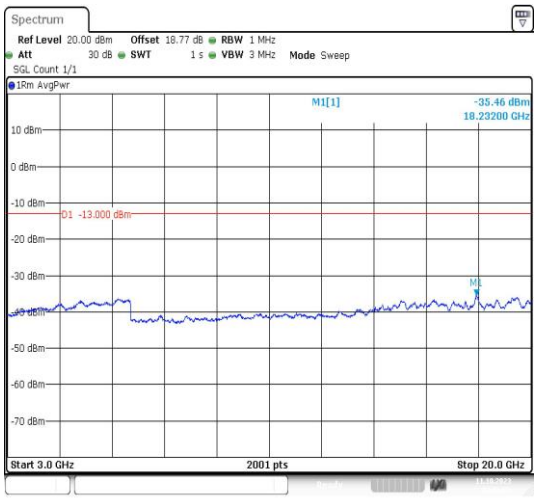
Band4_5MHz_16QAM_19975_1RB#0_0.15~30_0.15~30	Band4_5MHz_16QAM_19975_1RB#0_30~1000_30~1000
	
Band4_5MHz_16QAM_19975_1RB#0_1000~3000_1000~3000	Band4_5MHz_16QAM_19975_1RB#0_3000~20000_3000~20000
	
Band4_5MHz_QPSK_20175_1RB#0_0.009~0.15_0.009~0.15	Band4_5MHz_QPSK_20175_1RB#0_0.15~30_0.15~30

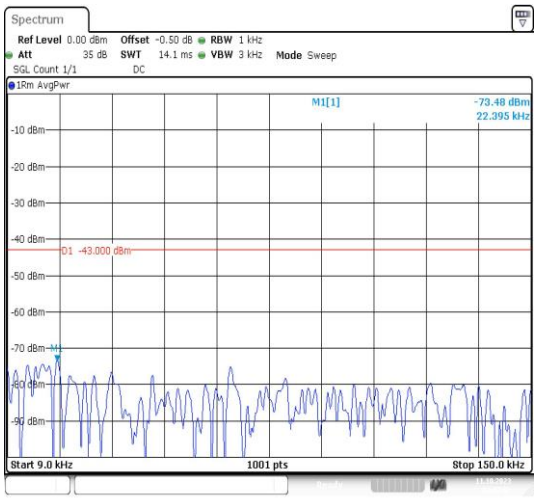




Band4_5MHz_QPSK_20175_1RB#0_30~1000_30~1000

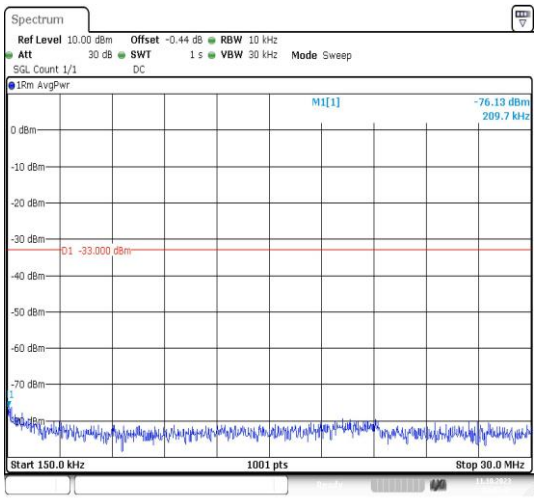
Band4_5MHz_QPSK_20175_1RB#0_1000~3000_1000~3000

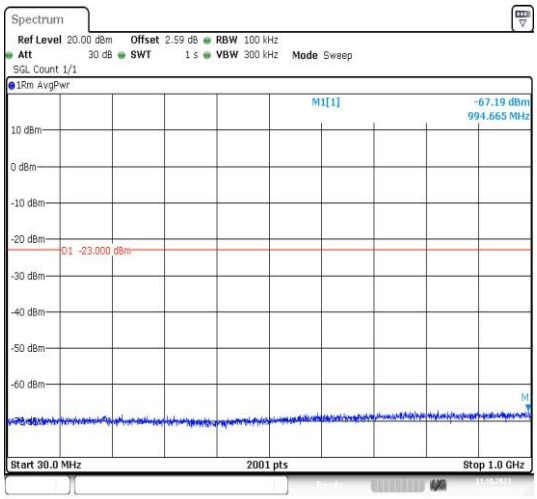


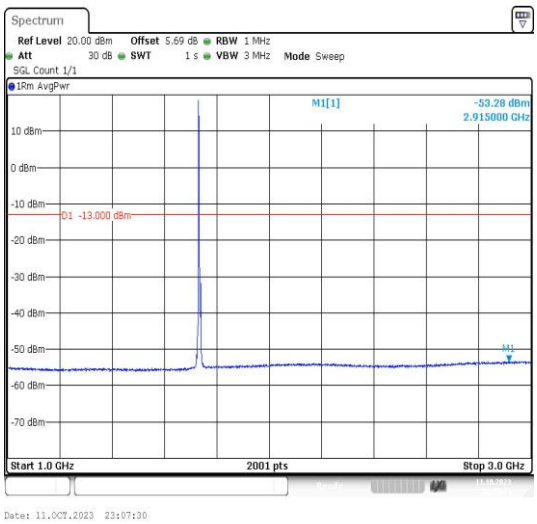
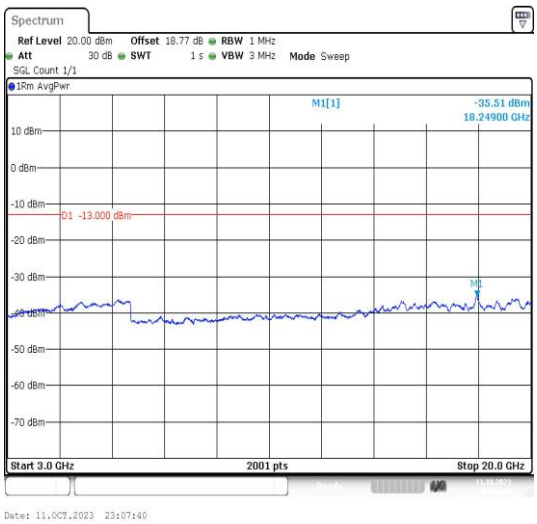
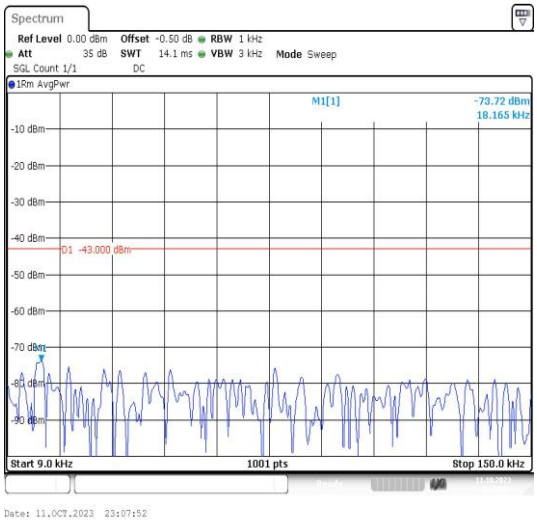
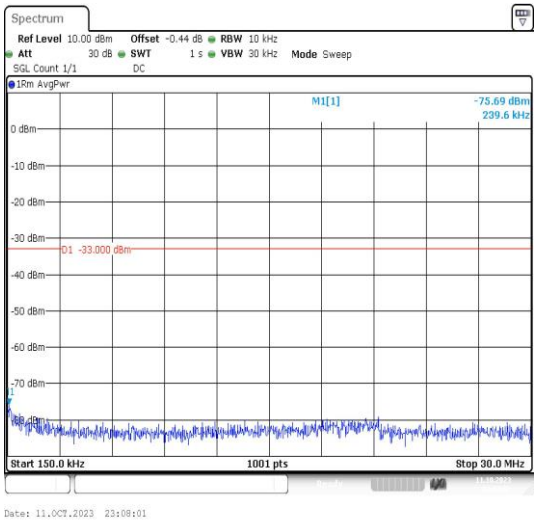


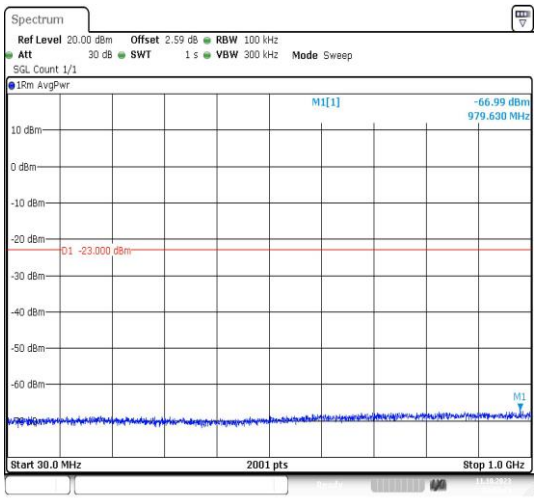
Band4_5MHz_QPSK_20175_1RB#0_3000~20000_3000~20000

Band4_5MHz_16QAM_20175_1RB#0_0.009~0.15_0.009~0.15

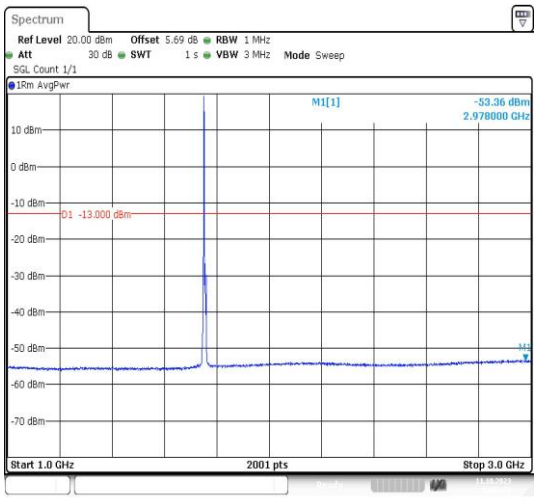




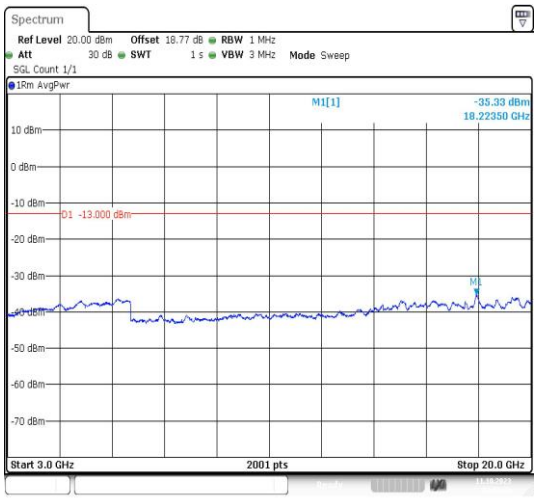
Band4_5MHz_16QAM_20175_1RB#0_0.15~30_0.15~30	Band4_5MHz_16QAM_20175_1RB#0_30~1000_30~1000
	
Band4_5MHz_16QAM_20175_1RB#0_1000~3000_1000~3000	Band4_5MHz_16QAM_20175_1RB#0_3000~20000_3000~20000
	
Band4_5MHz_QPSK_20375_1RB#0_0.009~0.15_0.009~0.15	Band4_5MHz_QPSK_20375_1RB#0_0.15~30_0.15~30



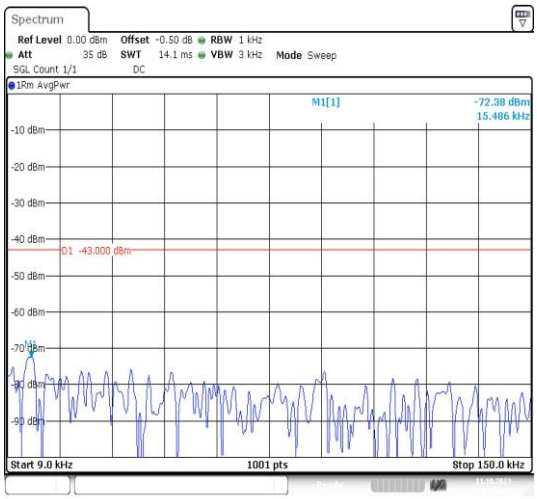
Band4_5MHz_QPSK_20375_1RB#0_30~1000_30~1000



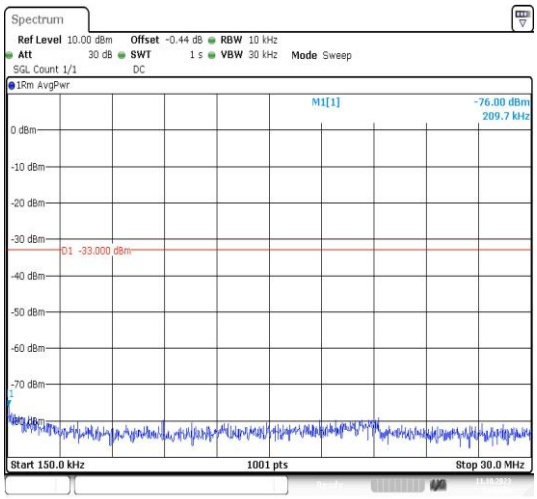
Band4_5MHz_QPSK_20375_1RB#0_1000~3000_1000~3000

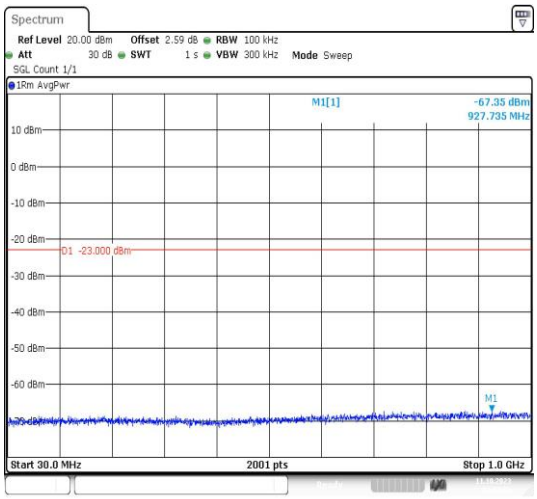


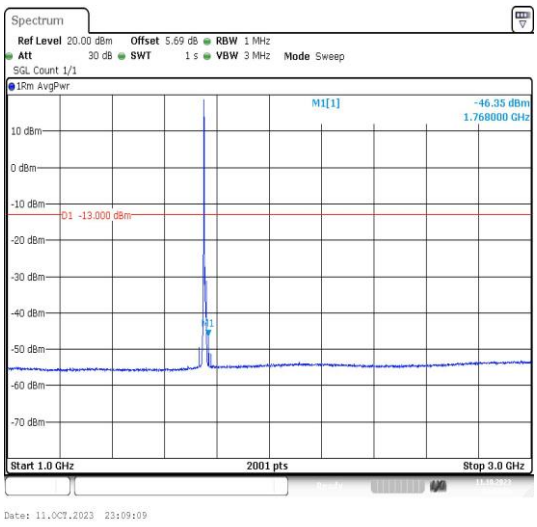
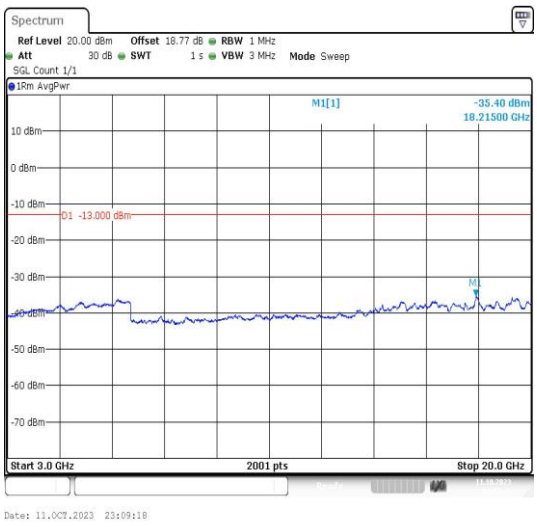
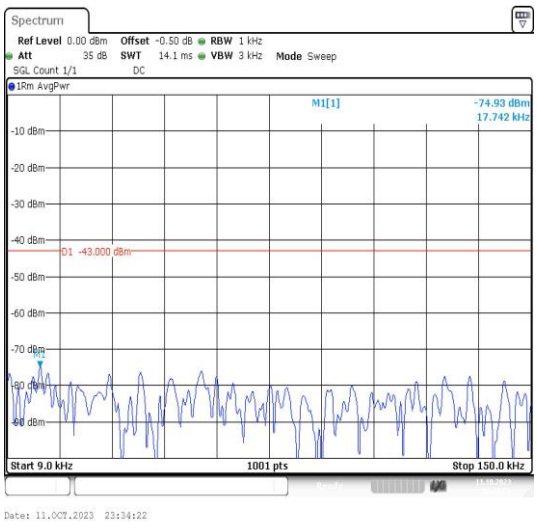
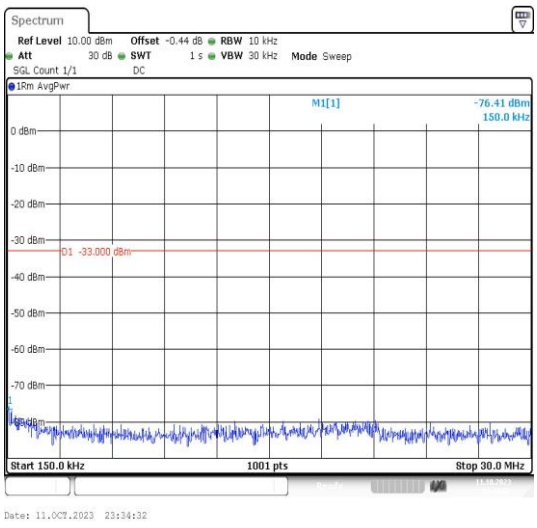
Band4_5MHz_QPSK_20375_1RB#0_3000~20000_3000~20000

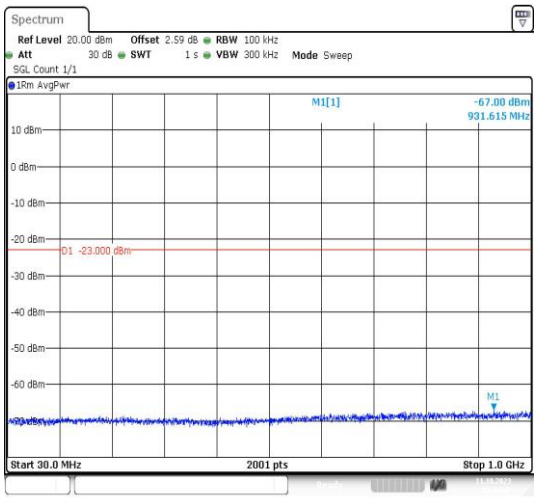


Band4_5MHz_16QAM_20375_1RB#0_0.009~0.15_0.009~0.15

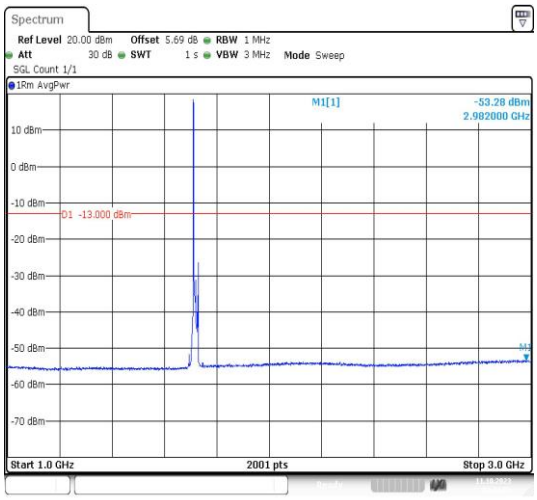




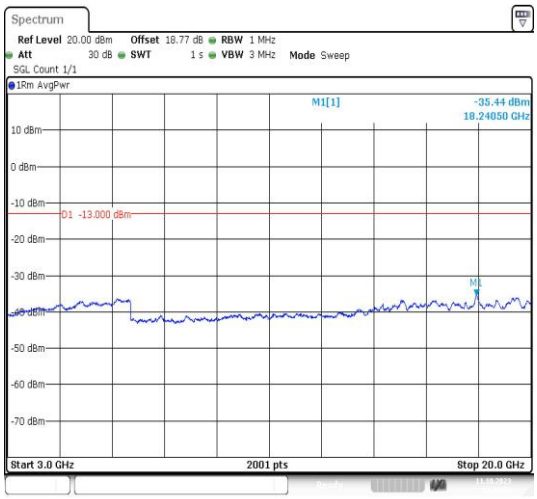
Band4_5MHz_16QAM_20375_1RB#0_0.15~30_0.15~30	Band4_5MHz_16QAM_20375_1RB#0_30~1000_30~1000
	
Band4_5MHz_16QAM_20375_1RB#0_1000~3000_1000~3000	Band4_5MHz_16QAM_20375_1RB#0_3000~20000_3000~20000
	
Band4_10MHz_QPSK_20000_1RB#0_0.009~0.15_0.009~0.15	Band4_10MHz_QPSK_20000_1RB#0_0.15~30_0.15~30



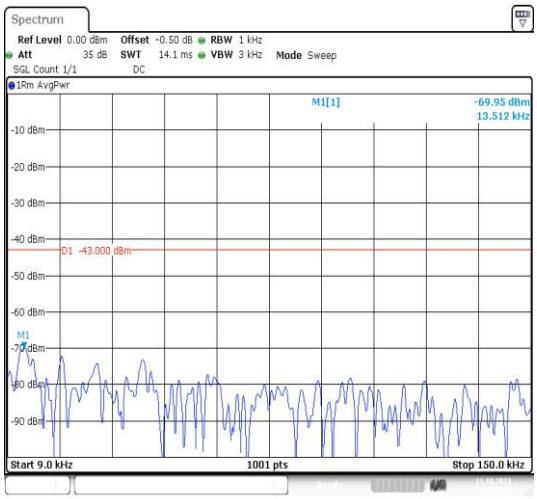
Band4_10MHz_QPSK_20000_1RB#0_30~1000_30~1000



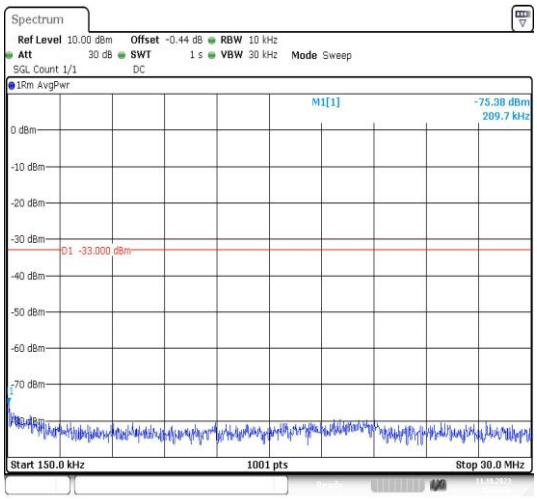
Band4_10MHz_QPSK_20000_1RB#0_1000~3000_1000~3000

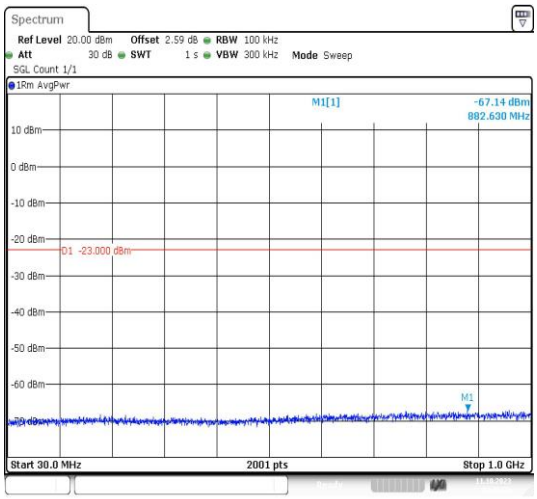


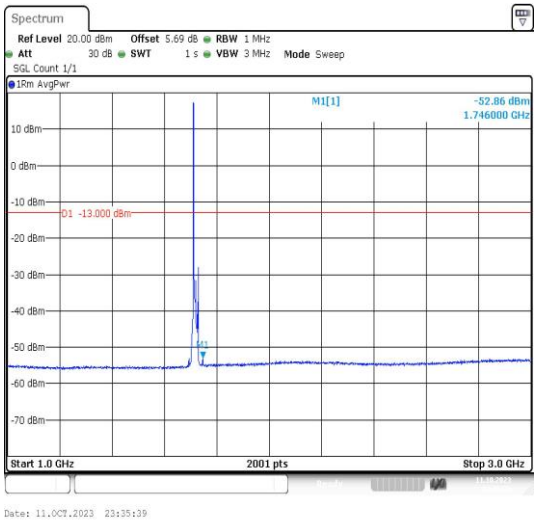
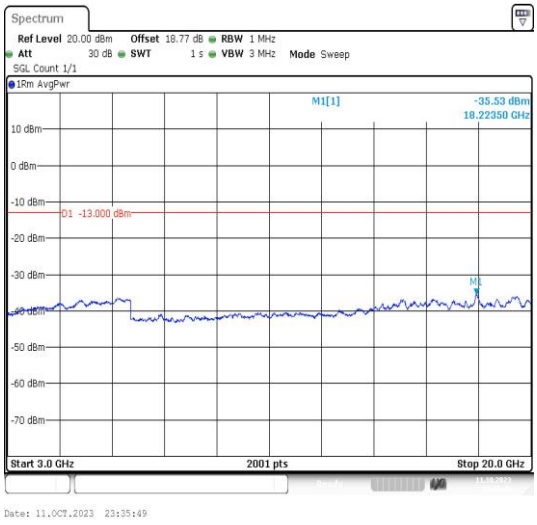
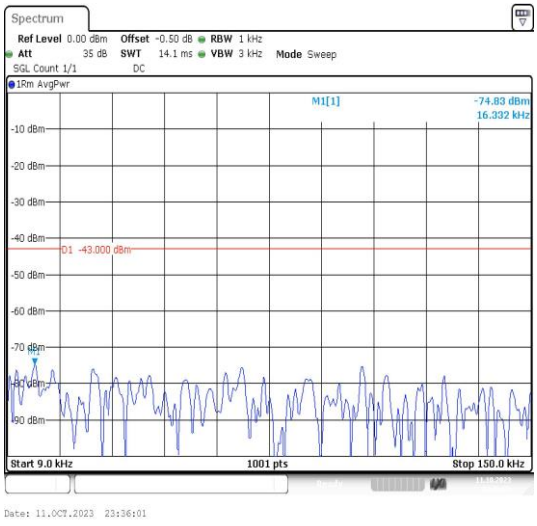
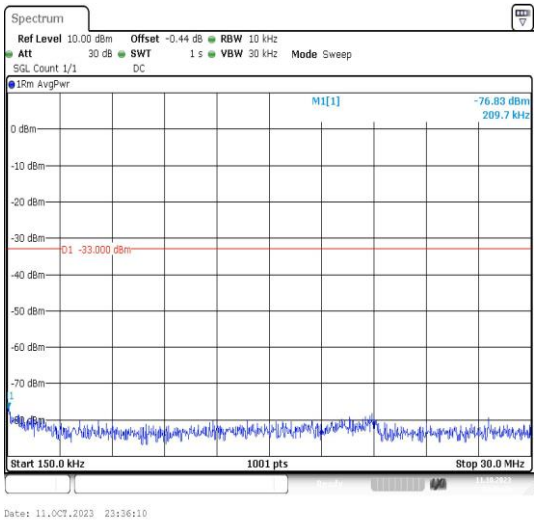
Band4_10MHz_QPSK_20000_1RB#0_3000~20000_3000~20000



Band4_10MHz_16QAM_20000_1RB#0_0.009~0.15_0.009~0.15





Band4_10MHz_16QAM_20000_1RB#0_0.15~30_0.15~30	Band4_10MHz_16QAM_20000_1RB#0_30~1000_30~1000
	
Band4_10MHz_16QAM_20000_1RB#0_1000~3000_1000~3000	Band4_10MHz_16QAM_20000_1RB#0_3000~20000_3000~20000
	
Band4_10MHz_QPSK_20175_1RB#0_0.009~0.15_0.009~0.15	Band4_10MHz_QPSK_20175_1RB#0_0.15~30_0.15~30