

## Appendix A: Peak-to-Average Ratio(CCDF)

### Test Result

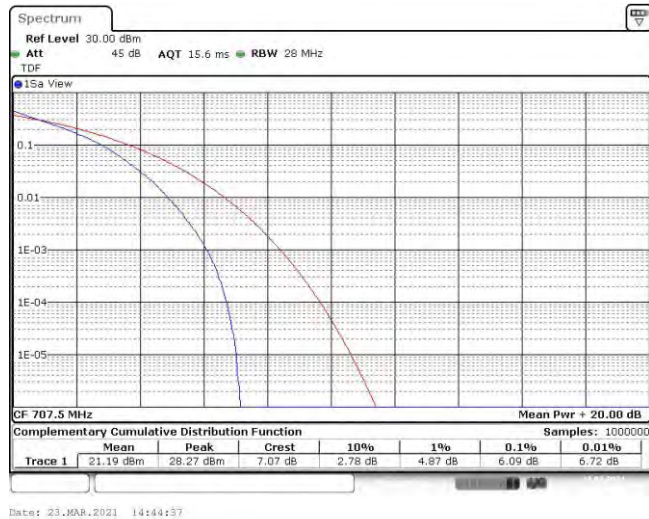
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	5.94	13	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	6.09	13	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	5.83	13	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	6.70	13	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	6.96	13	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	6.64	13	PASS
Band12	3MHz	QPSK	23025	15RB#0	5.83	13	PASS
Band12	3MHz	QPSK	23095	15RB#0	6.20	13	PASS
Band12	3MHz	QPSK	23165	15RB#0	5.65	13	PASS
Band12	3MHz	16QAM	23025	15RB#0	6.70	13	PASS
Band12	3MHz	16QAM	23095	15RB#0	6.93	13	PASS
Band12	3MHz	16QAM	23165	15RB#0	6.55	13	PASS
Band12	5MHz	QPSK	23035	25RB#0	5.77	13	PASS
Band12	5MHz	QPSK	23095	25RB#0	6.14	13	PASS
Band12	5MHz	QPSK	23155	25RB#0	5.62	13	PASS
Band12	5MHz	16QAM	23035	25RB#0	6.52	13	PASS
Band12	5MHz	16QAM	23095	25RB#0	6.81	13	PASS
Band12	5MHz	16QAM	23155	25RB#0	6.43	13	PASS
Band12	10MHz	QPSK	23060	50RB#0	5.97	13	PASS
Band12	10MHz	QPSK	23095	50RB#0	6.06	13	PASS
Band12	10MHz	QPSK	23130	50RB#0	5.68	13	PASS
Band12	10MHz	16QAM	23060	50RB#0	6.72	13	PASS
Band12	10MHz	16QAM	23095	50RB#0	6.84	13	PASS
Band12	10MHz	16QAM	23130	50RB#0	6.55	13	PASS

# Test Graphs

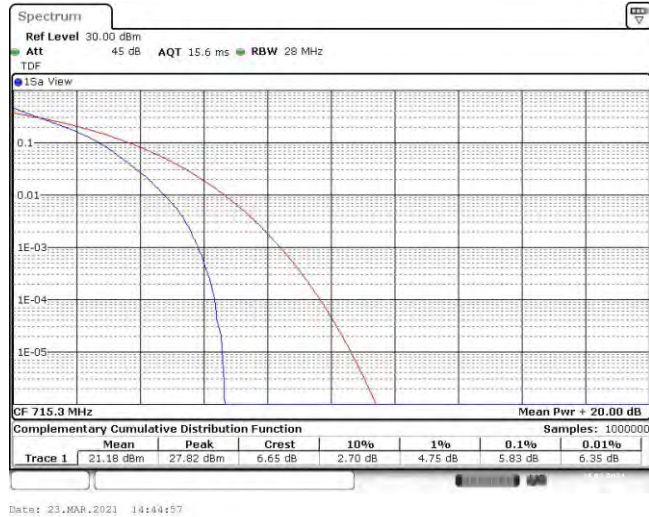
## Band12-1.4MHz-QPSK-23017-6RB#0



## Band12-1.4MHz-QPSK-23095-6RB#0



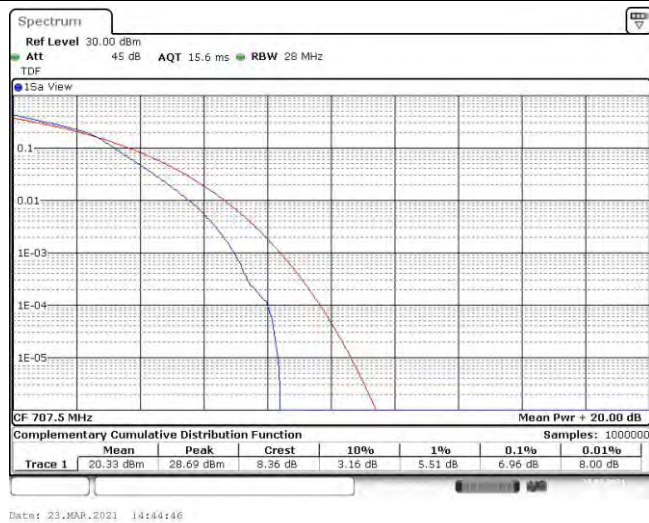
## Band12-1.4MHz-QPSK-23173-6RB#0



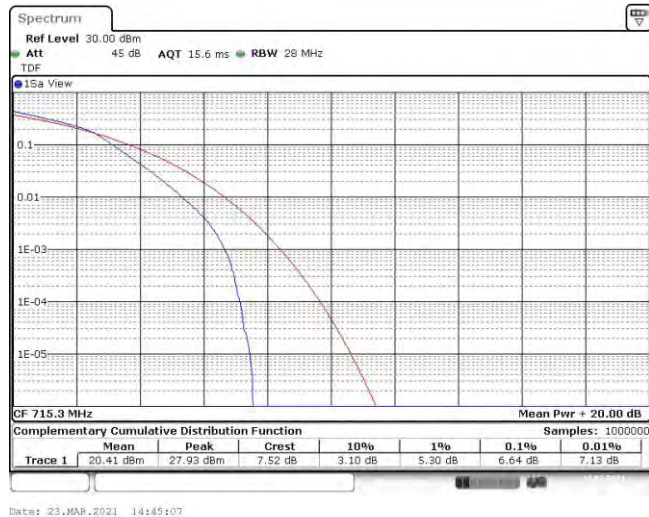
Band12-1.4MHz-16QAM-23017-6RB#0



Band12-1.4MHz-16QAM-23095-6RB#0



Band12-1.4MHz-16QAM-23173-6RB#0



Band12-3MHz-QPSK-23025-15RB#0

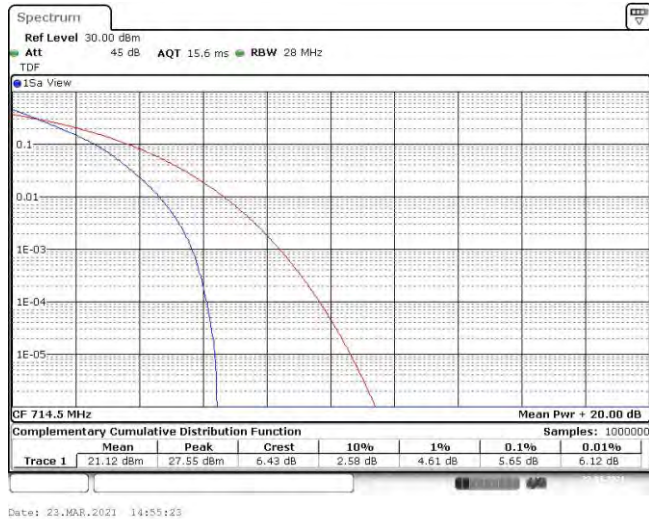


Band12-3MHz-QPSK-23095-15RB#0

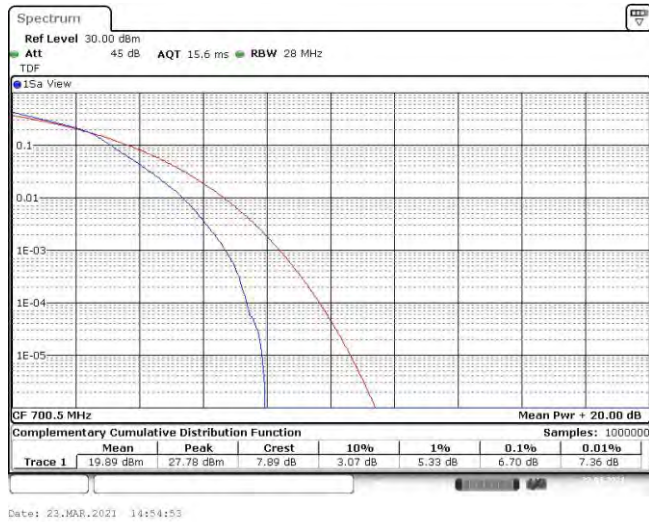


Band12-3MHz-QPSK-23165-15RB#0

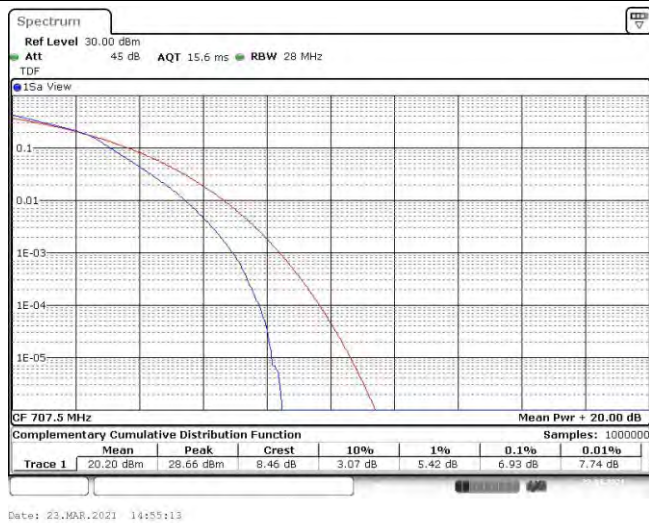




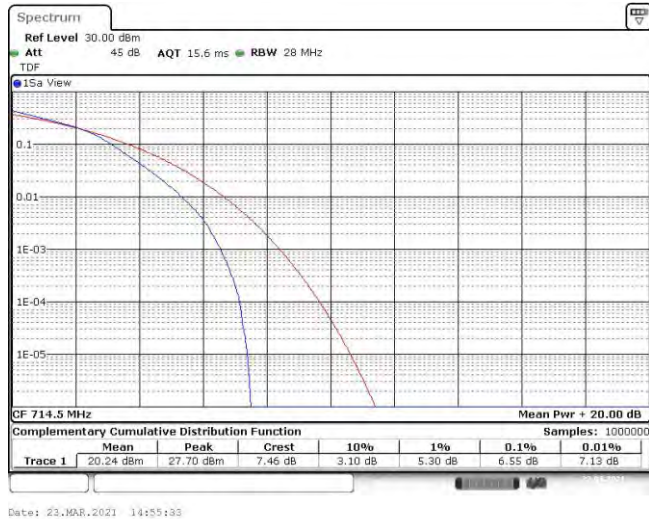
Band12-3MHz-16QAM-23025-15RB#0



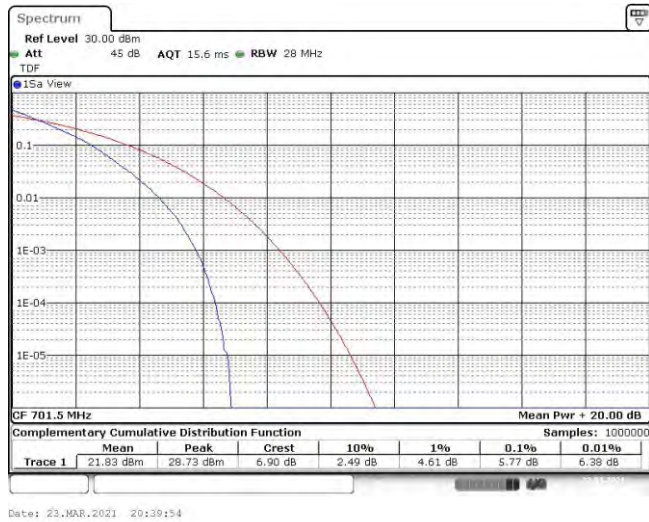
Band12-3MHz-16QAM-23095-15RB#0



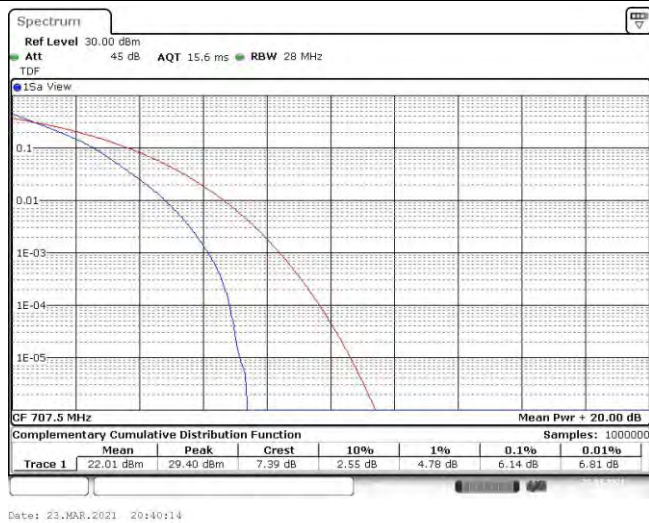
Band12-3MHz-16QAM-23165-15RB#0



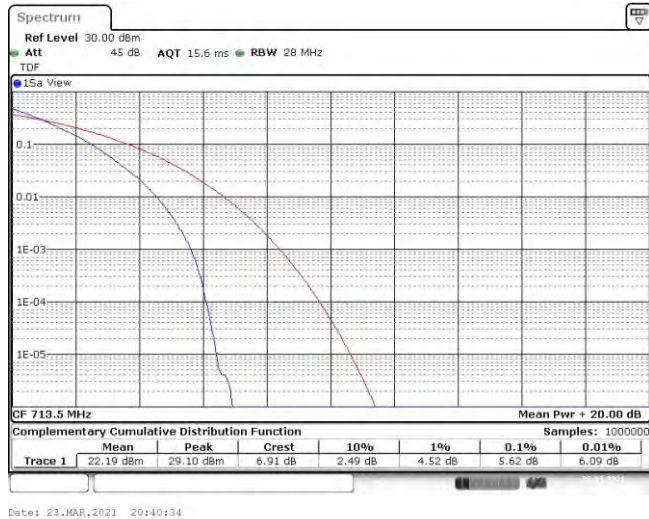
### Band12-5MHz-QPSK-23035-25RB#0



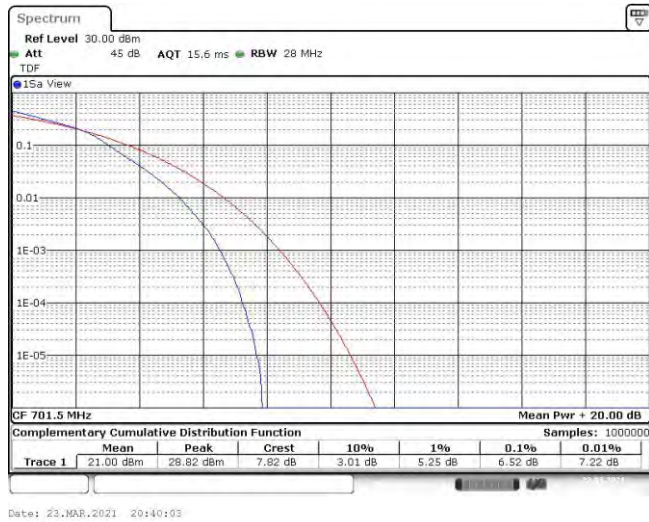
### Band12-5MHz-QPSK-23095-25RB#0



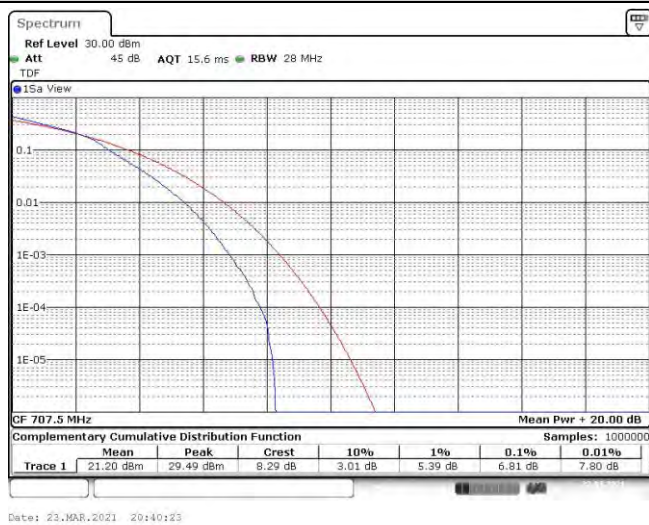
### Band12-5MHz-QPSK-23155-25RB#0



Band12-5MHz-16QAM-23035-25RB#0

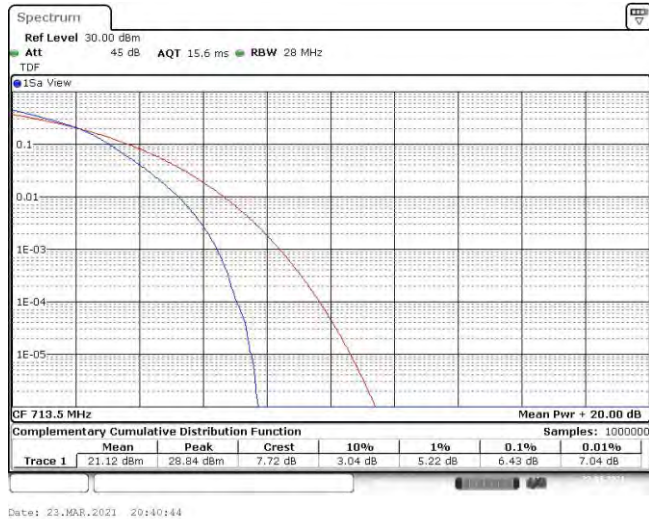


Band12-5MHz-16QAM-23095-25RB#0

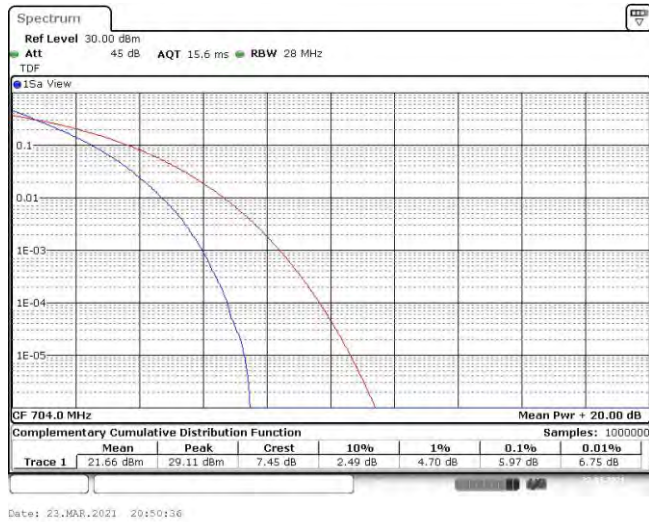


Band12-5MHz-16QAM-23155-25RB#0

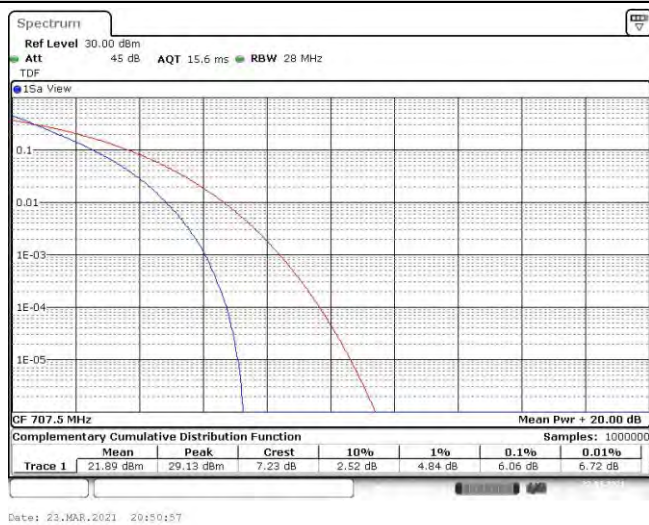




Band12-10MHz-QPSK-23060-50RB#0

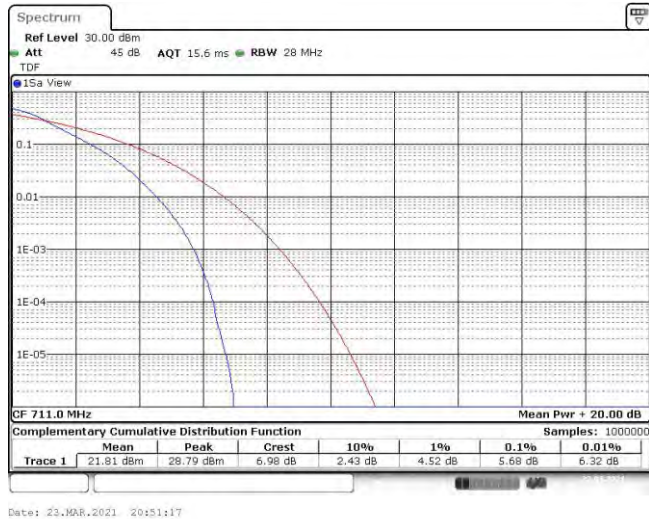


Band12-10MHz-QPSK-23095-50RB#0

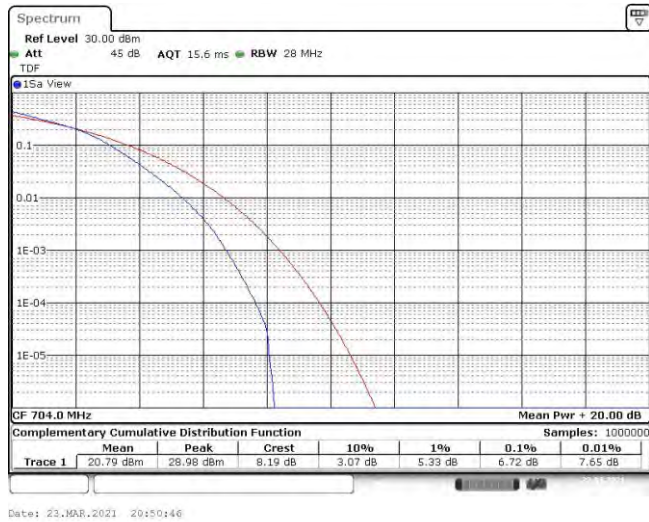


Band12-10MHz-QPSK-23130-50RB#0





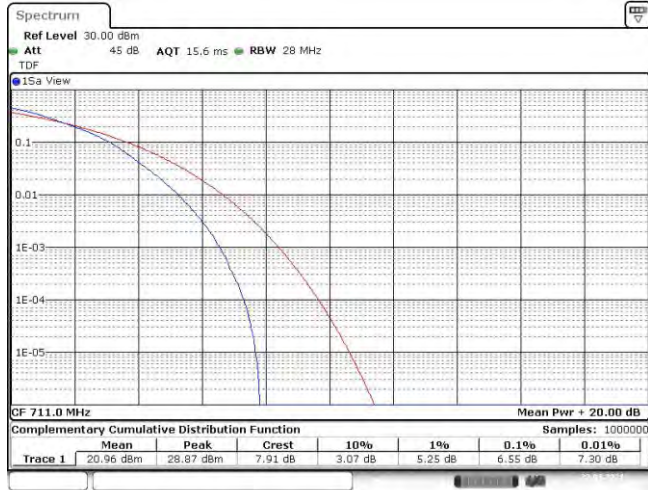
Band12-10MHz-16QAM-23060-50RB#0



Band12-10MHz-16QAM-23095-50RB#0



Band12-10MHz-16QAM-23130-50RB#0



Date: 23.MAR.2021 20:51:26

## Appendix B: 26dB Bandwidth and Occupied Bandwidth

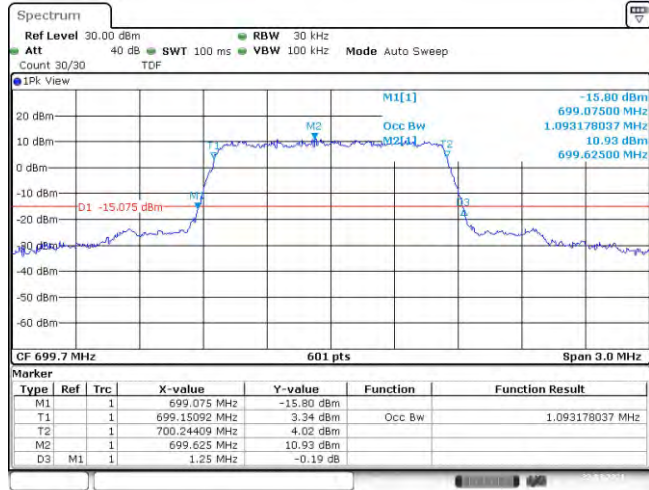
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band12	1.4MHz	QPSK	23017	6RB#0	1.093	1.250	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.093	1.255	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.103	1.255	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.098	1.265	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.098	1.260	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.088	1.255	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.705	3.050	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.705	3.050	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.715	3.060	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.705	3.040	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.715	3.070	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.705	3.030	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.496	4.980	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.515	5.010	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.496	5.000	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.496	4.950	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.525	5.010	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.515	4.990	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.985	9.933	PASS
Band12	10MHz	QPSK	23095	50RB#0	9.018	10.000	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.918	9.900	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.985	9.933	PASS
Band12	10MHz	16QAM	23095	50RB#0	9.052	10.000	PASS
Band12	10MHz	16QAM	23130	50RB#0	8.952	10.000	PASS

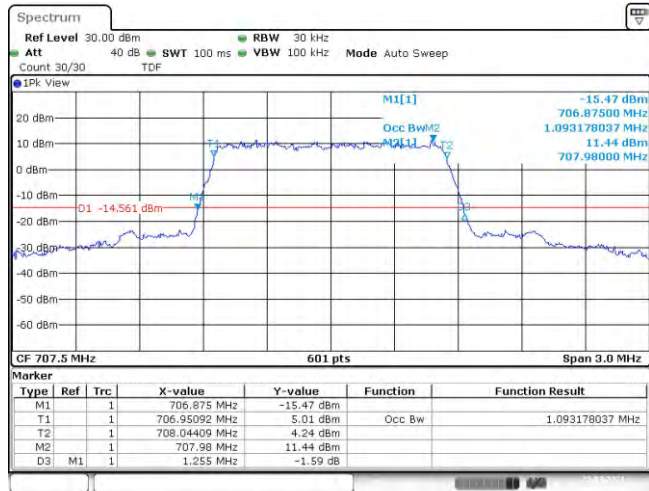


# Test Graphs

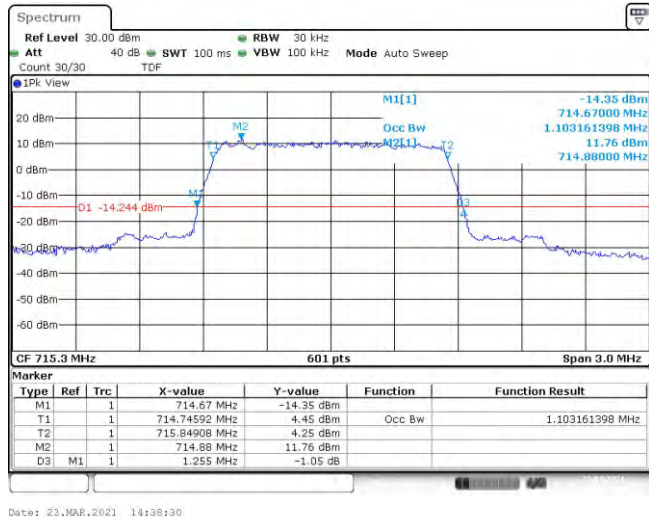
Band12-1.4MHz-QPSK-23017-6RB#0-1.093



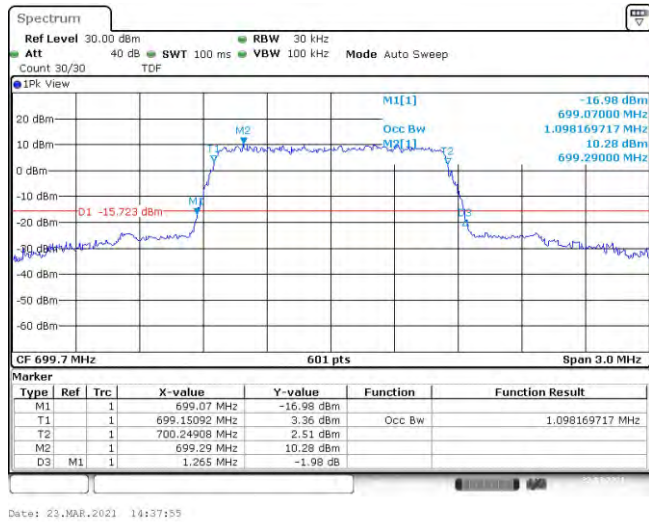
Band12-1.4MHz-QPSK-23095-6RB#0-1.093



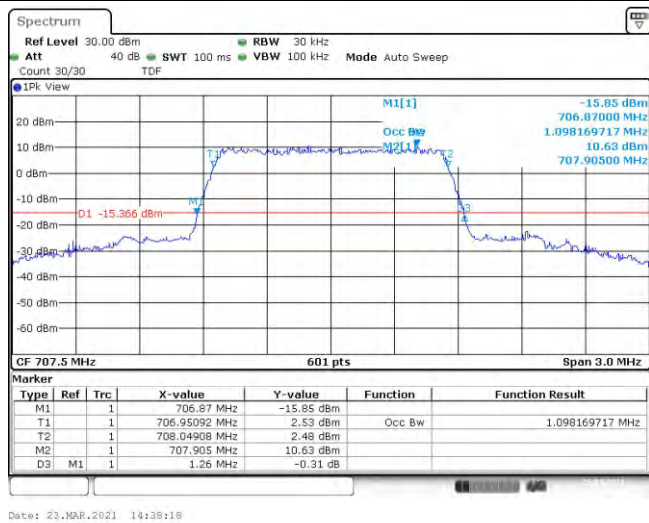
Band12-1.4MHz-QPSK-23173-6RB#0-1.103



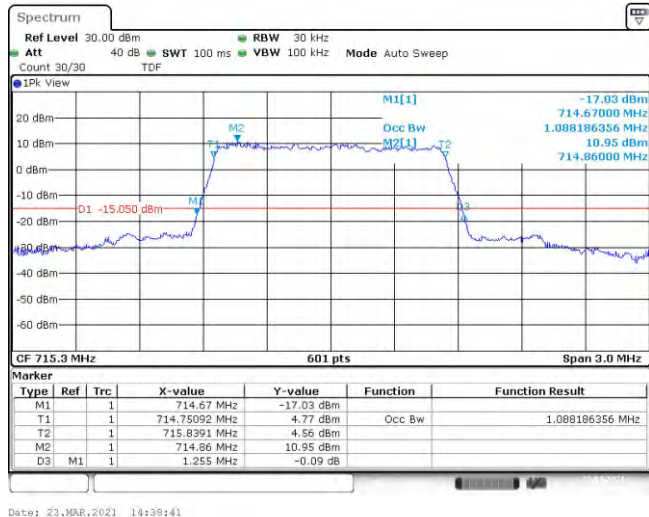
Band12-1.4MHz-16QAM-23017-6RB#0-1.098



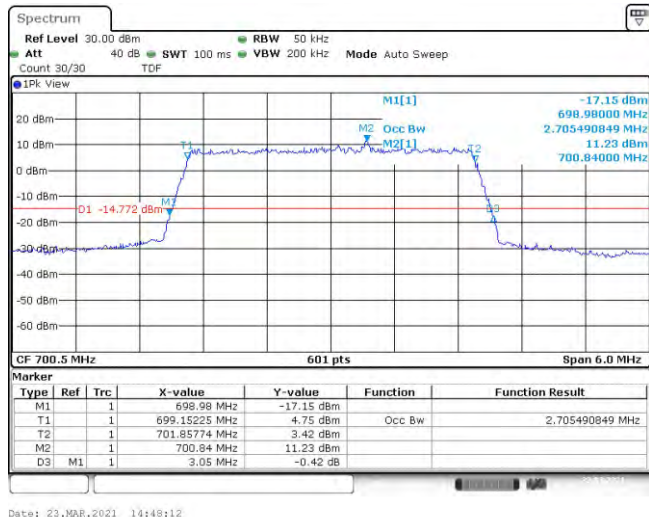
Band12-1.4MHz-16QAM-23095-6RB#0-1.098



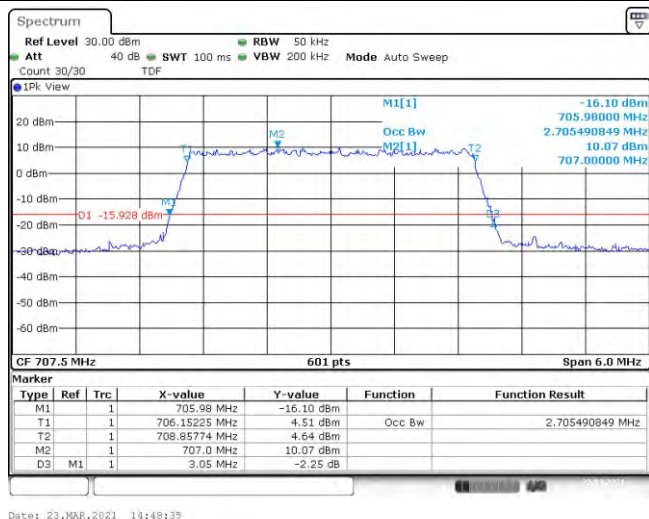
Band12-1.4MHz-16QAM-23173-6RB#0-1.088



### Band12-3MHz-QPSK-23025-15RB#0-2.705

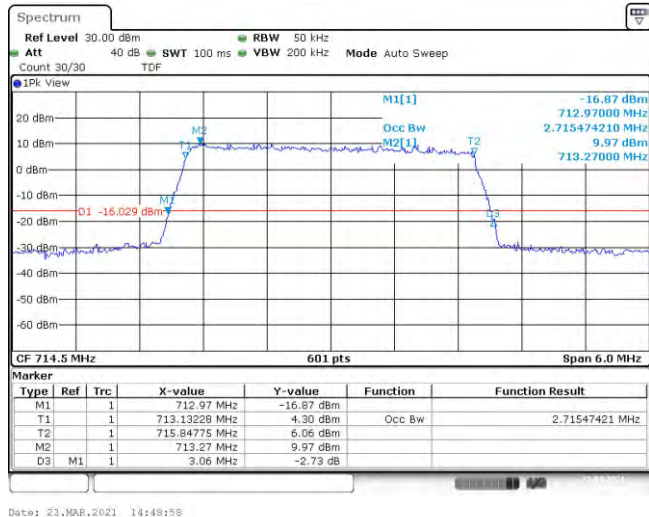


### Band12-3MHz-QPSK-23095-15RB#0-2.705

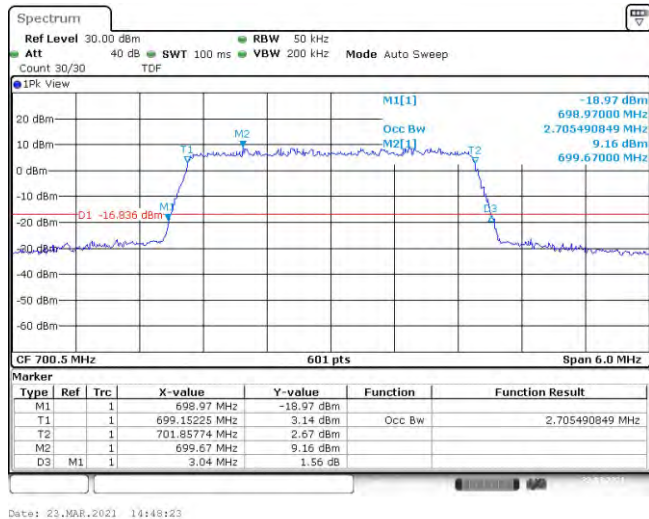


### Band12-3MHz-QPSK-23165-15RB#0-2.715

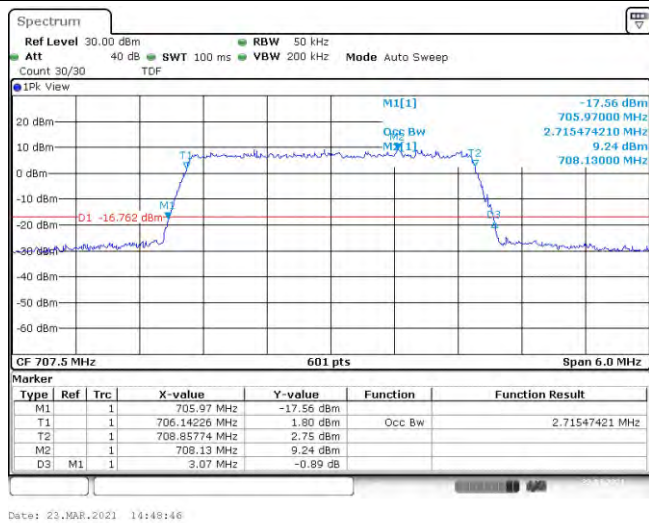




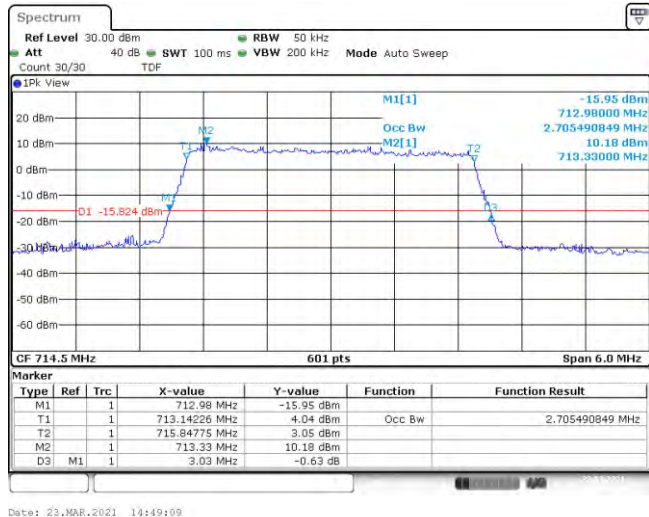
Band12-3MHz-16QAM-23025-15RB#0-2.705



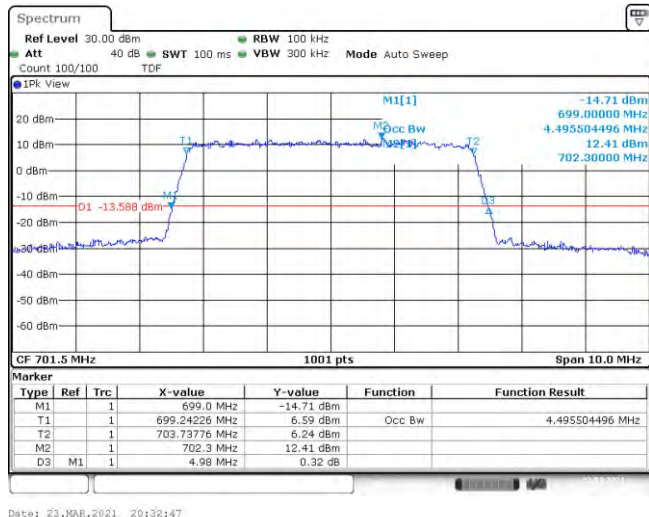
Band12-3MHz-16QAM-23095-15RB#0-2.715



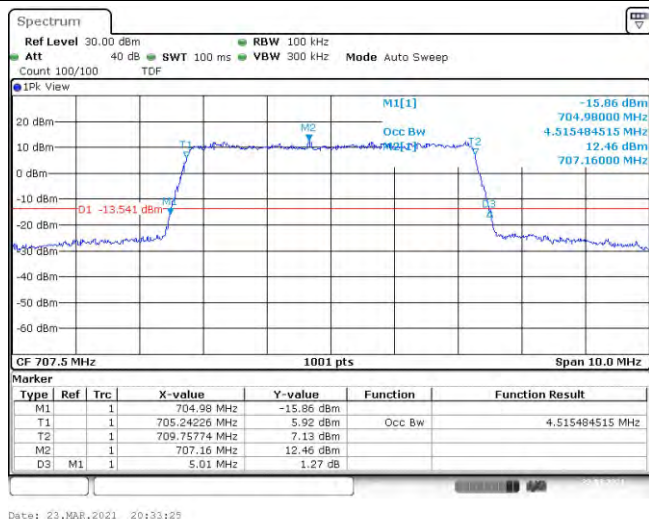
Band12-3MHz-16QAM-23165-15RB#0-2.705



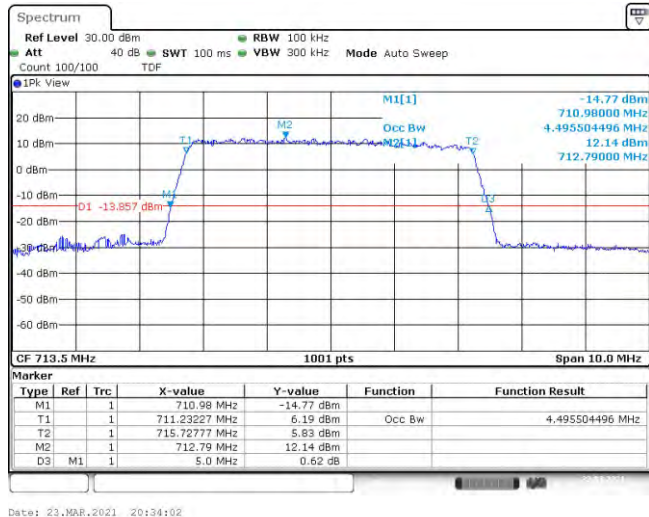
Band12-5MHz-QPSK-23035-25RB#0-4.496



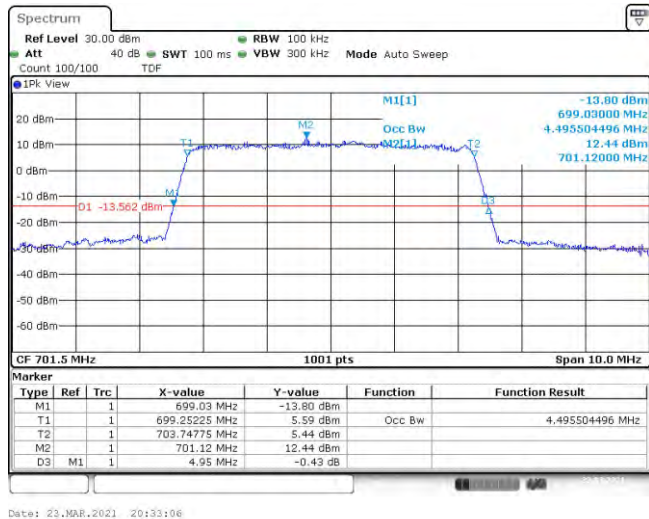
Band12-5MHz-QPSK-23095-25RB#0-4.515



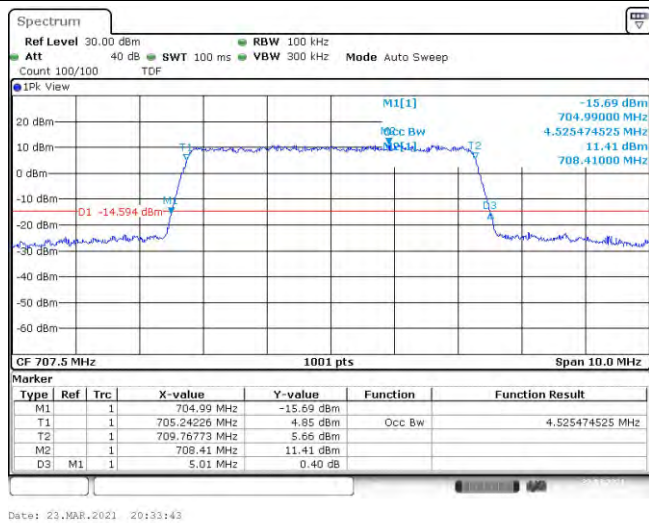
Band12-5MHz-QPSK-23155-25RB#0-4.496



Band12-5MHz-16QAM-23035-25RB#0-4.496

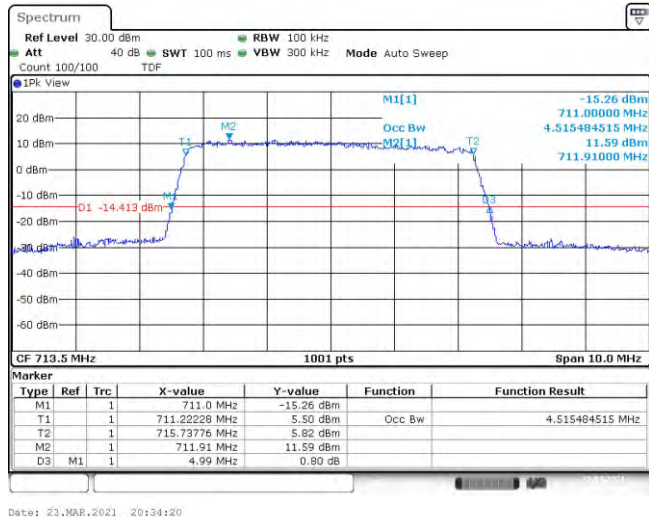


Band12-5MHz-16QAM-23095-25RB#0-4.525

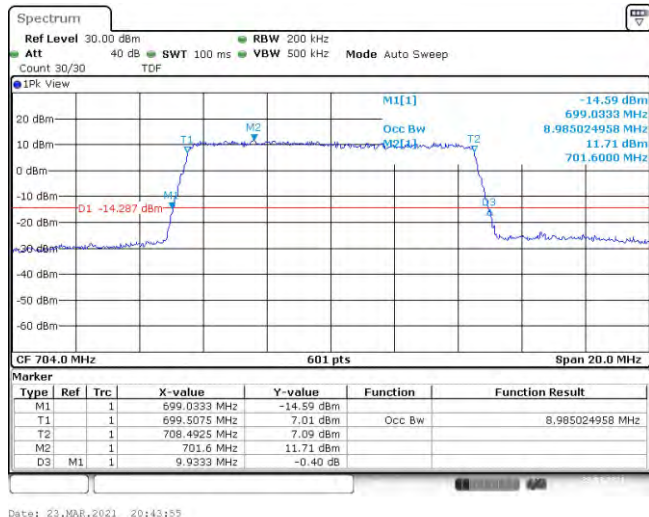


Band12-5MHz-16QAM-23155-25RB#0-4.515

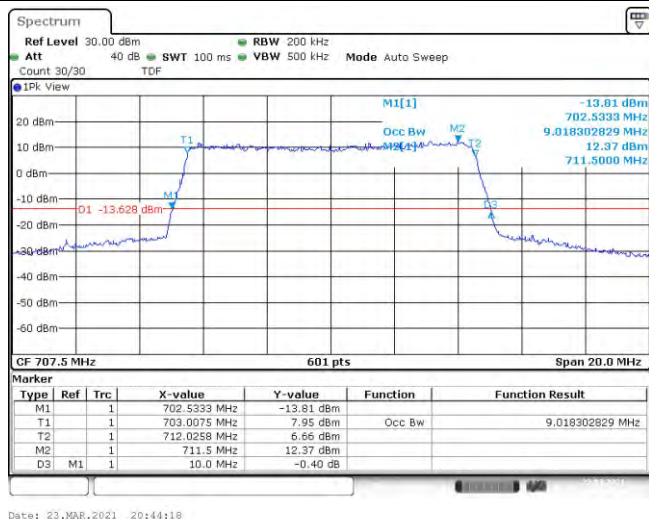




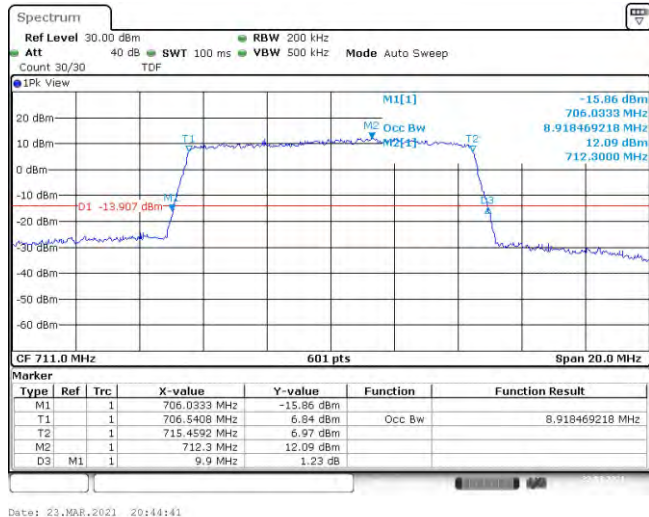
Band12-10MHz-QPSK-23060-50RB#0-8.985



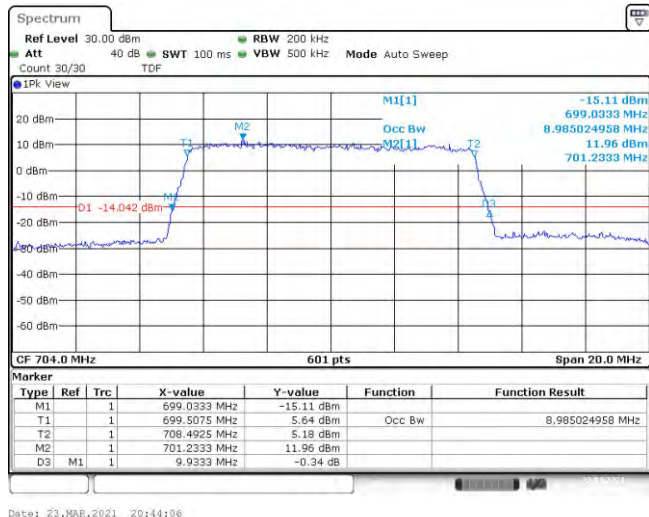
Band12-10MHz-QPSK-23095-50RB#0-9.018



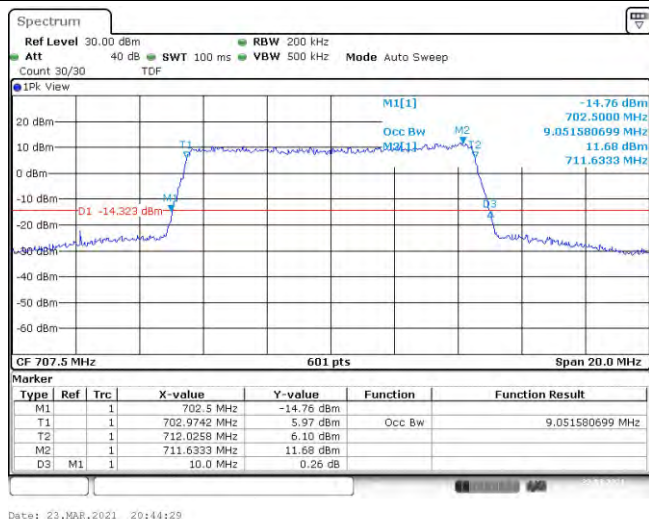
Band12-10MHz-QPSK-23130-50RB#0-8.918



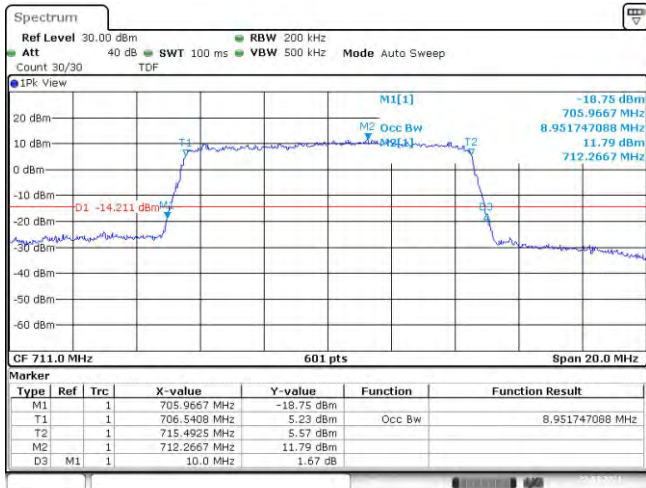
Band12-10MHz-16QAM-23060-50RB#0-8.985



Band12-10MHz-16QAM-23095-50RB#0-9.052



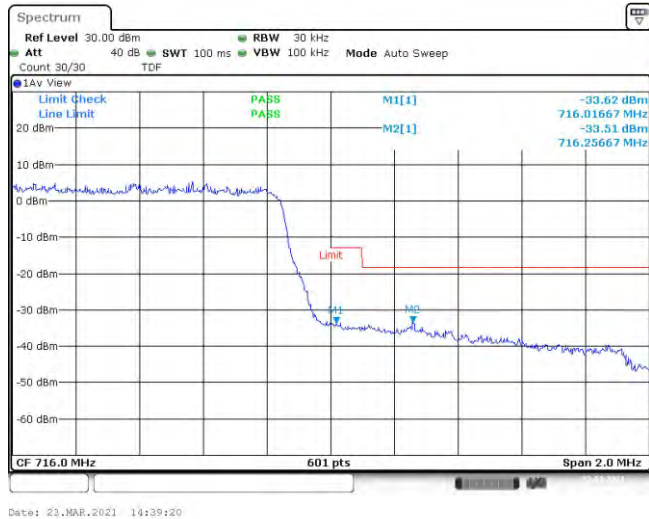
Band12-10MHz-16QAM-23130-50RB#0-8.952



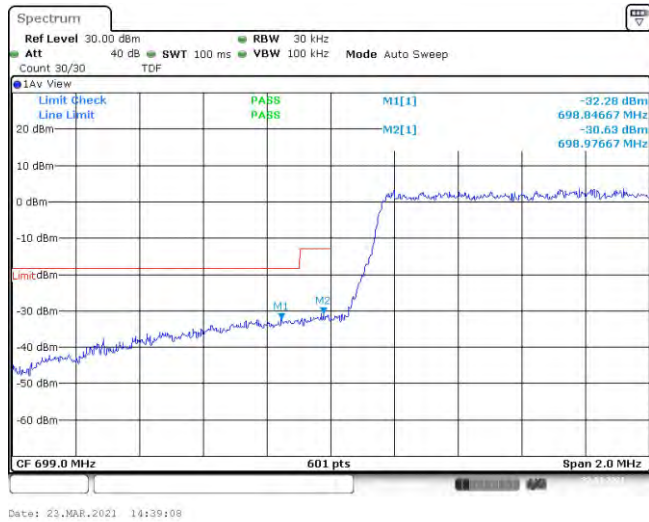
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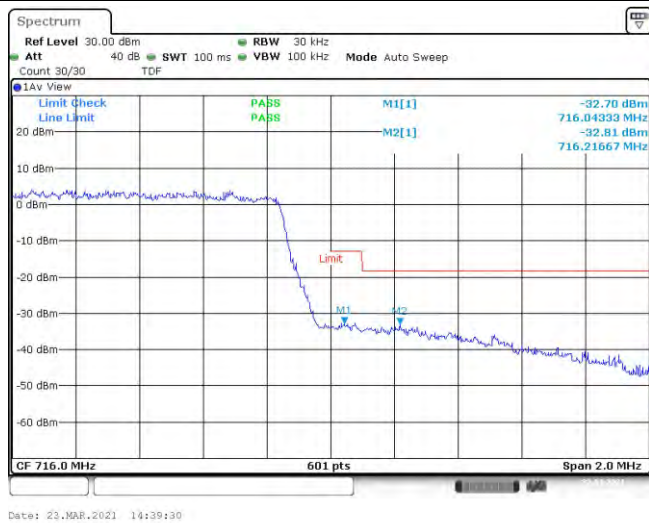




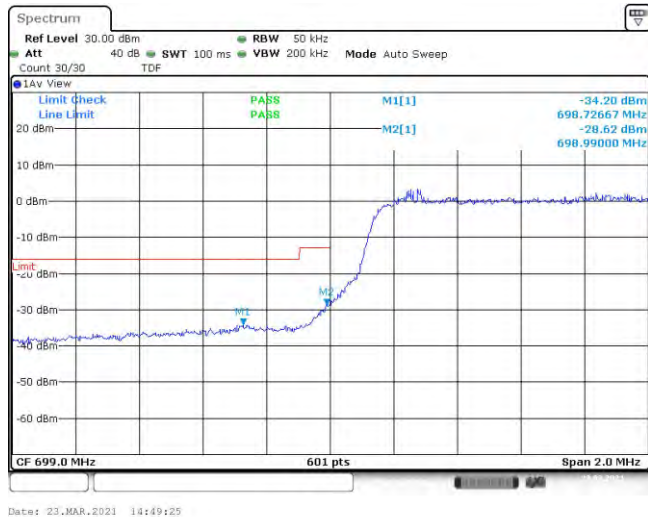
Band12-1.4MHz-16QAM-23017-6RB#0



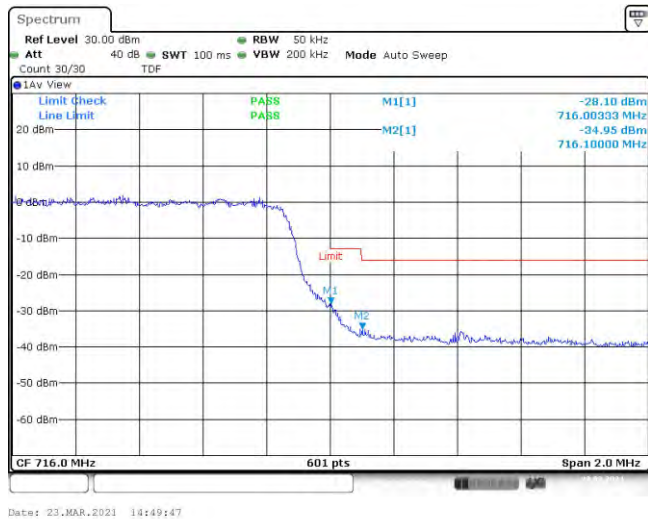
Band12-1.4MHz-16QAM-23173-6RB#0



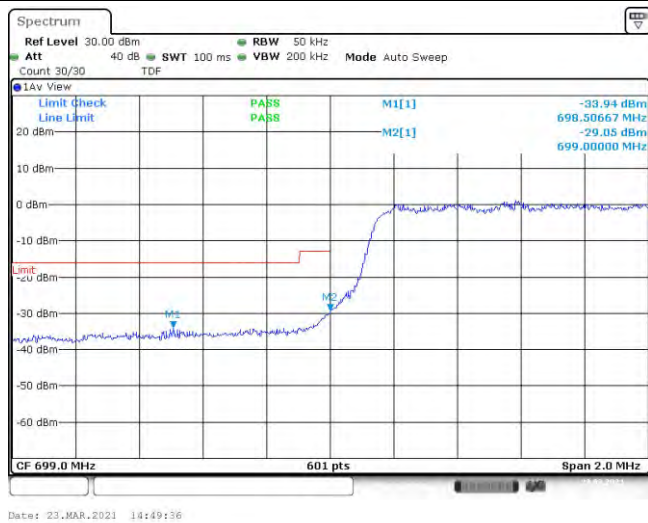
Band12-3MHz-QPSK-23025-15RB#0



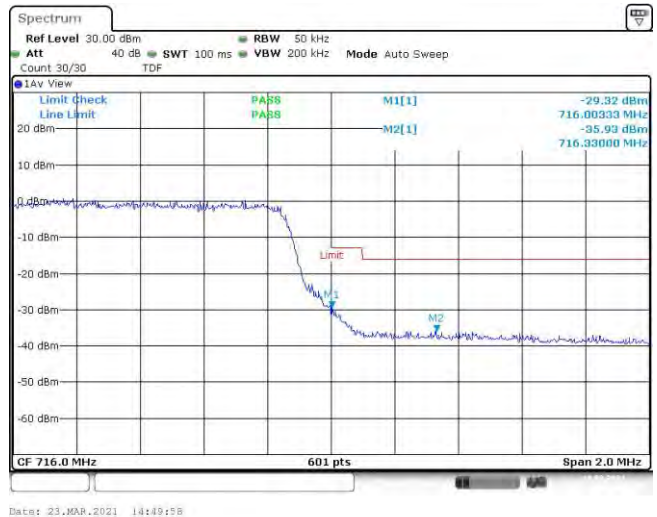
Band12-3MHz-QPSK-23165-15RB#0



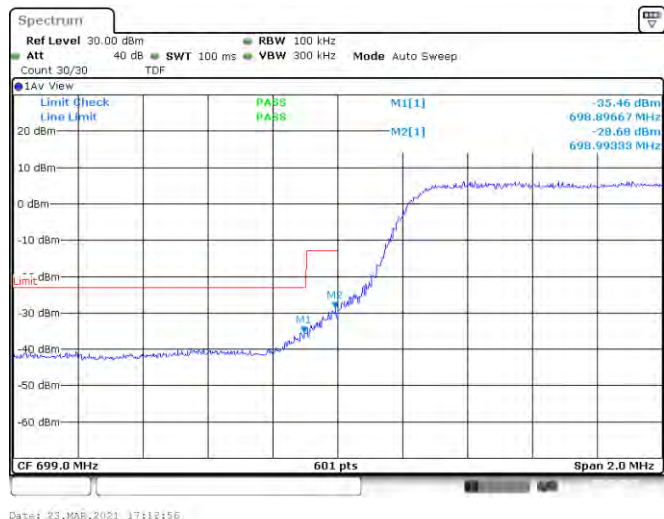
Band12-3MHz-16QAM-23025-15RB#0



Band12-3MHz-16QAM-23165-15RB#0



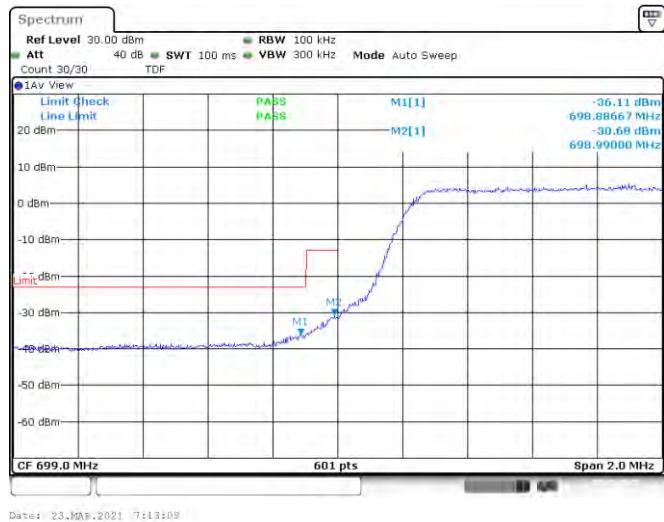
### Band12-5MHz-QPSK-23035-25RB#0



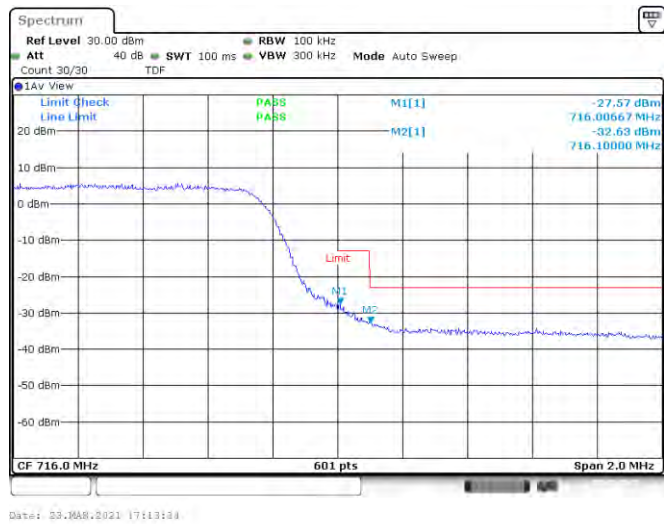
### Band12-5MHz-QPSK-23155-25RB#0



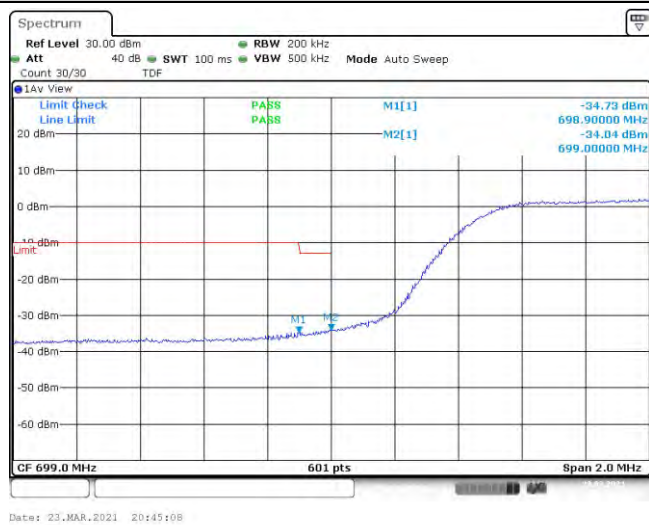
### Band12-5MHz-16QAM-23035-25RB#0



Band12-5MHz-16QAM-23155-25RB#0

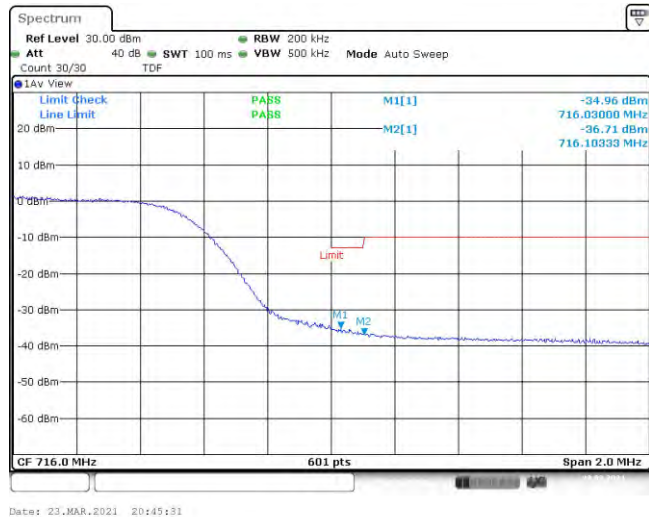


Band12-10MHz-QPSK-23060-50RB#0

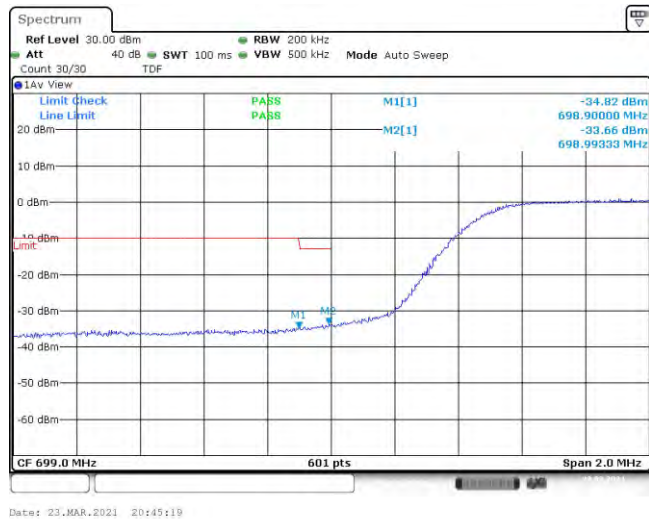


Band12-10MHz-QPSK-23130-50RB#0





**Band12-10MHz-16QAM-23060-50RB#0**



**Band12-10MHz-16QAM-23130-50RB#0**



## Appendix D: Conducted Spurious Emission

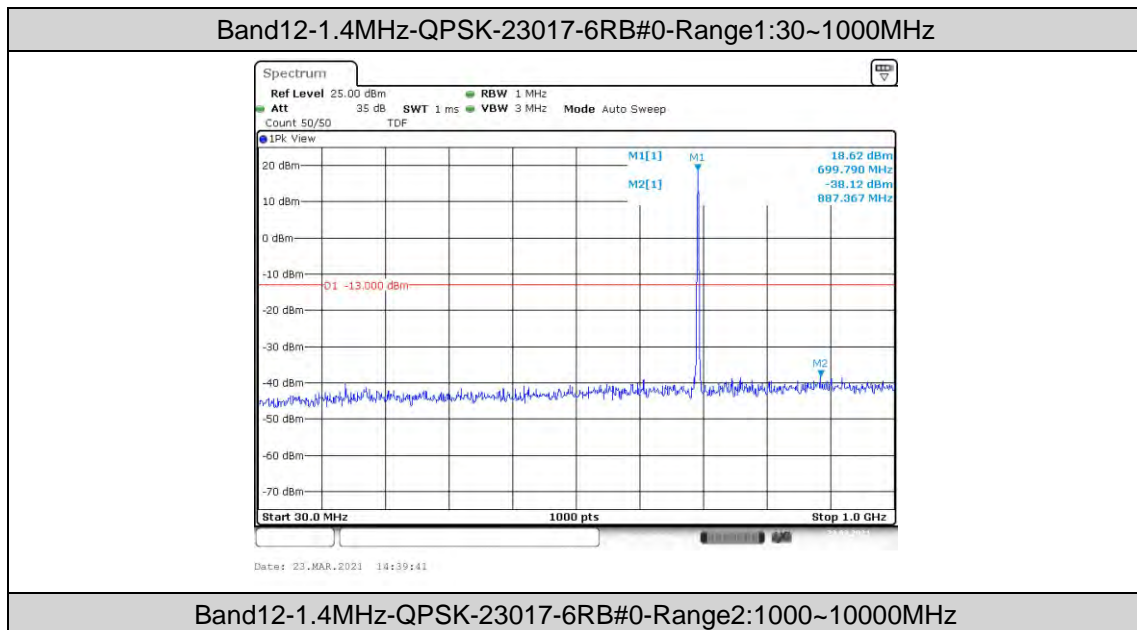
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band1 2	1.4MHz	QPSK	23017	6RB#0	Range1:30~1000MHz	-38.1 2	PAS S
Band1 2	1.4MHz	QPSK	23017	6RB#0	Range2:1000~10000MHz	-33.9 2	PAS S
Band1 2	1.4MHz	QPSK	23095	6RB#0	Range1:30~1000MHz	-37.8 5	PAS S
Band1 2	1.4MHz	QPSK	23095	6RB#0	Range2:1000~10000MHz	-37.3 8	PAS S
Band1 2	1.4MHz	QPSK	23173	6RB#0	Range1:30~1000MHz	-37.8 1	PAS S
Band1 2	1.4MHz	QPSK	23173	6RB#0	Range2:1000~10000MHz	-37.1	PAS S
Band1 2	1.4MHz	16QAM	23017	6RB#0	Range1:30~1000MHz	-38.7 3	PAS S
Band1 2	1.4MHz	16QAM	23017	6RB#0	Range2:1000~10000MHz	-37.5 8	PAS S
Band1 2	1.4MHz	16QAM	23095	6RB#0	Range1:30~1000MHz	-39.0 4	PAS S
Band1 2	1.4MHz	16QAM	23095	6RB#0	Range2:1000~10000MHz	-34.2	PAS S
Band1 2	1.4MHz	16QAM	23173	6RB#0	Range1:30~1000MHz	-38.6 6	PAS S
Band1 2	1.4MHz	16QAM	23173	6RB#0	Range2:1000~10000MHz	-38	PAS S
Band1 2	3MHz	QPSK	23025	15RB#0	Range1:30~1000MHz	-38.0 2	PAS S
Band1 2	3MHz	QPSK	23025	15RB#0	Range2:1000~10000MHz	-40.5 9	PAS S
Band1 2	3MHz	QPSK	23095	15RB#0	Range1:30~1000MHz	-38.1 4	PAS S
Band1 2	3MHz	QPSK	23095	15RB#0	Range2:1000~10000MHz	-41.0 2	PAS S
Band1 2	3MHz	QPSK	23165	15RB#0	Range1:30~1000MHz	-38.6 9	PAS S
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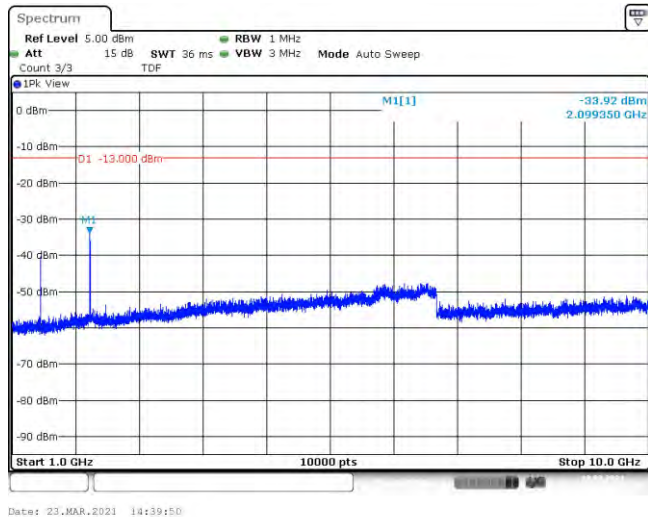
2					Hz	7	S
Band1 2	3MHz	16QAM	23025	15RB#0	Range1:30~1000MHz	-38.2 2	PAS S
Band1 2	3MHz	16QAM	23025	15RB#0	Range2:1000~10000M Hz	-41	PAS S
Band1 2	3MHz	16QAM	23095	15RB#0	Range1:30~1000MHz	-38.5 1	PAS S
Band1 2	3MHz	16QAM	23095	15RB#0	Range2:1000~10000M Hz	-39.3 8	PAS S
Band1 2	3MHz	16QAM	23165	15RB#0	Range1:30~1000MHz	-38.7	PAS S
Band1 2	3MHz	16QAM	23165	15RB#0	Range2:1000~10000M Hz	-42.9 5	PAS S
Band1 2	5MHz	QPSK	23035	25RB#0	Range1:30~1000MHz	-37.9 6	PAS S
Band1 2	5MHz	QPSK	23035	25RB#0	Range2:1000~10000M Hz	-44.0 9	PAS S
Band1 2	5MHz	QPSK	23095	25RB#0	Range1:30~1000MHz	-38.0 1	PAS S
Band1 2	5MHz	QPSK	23095	25RB#0	Range2:1000~10000M Hz	-42.0 1	PAS S
Band1 2	5MHz	QPSK	23155	25RB#0	Range1:30~1000MHz	-38.1 5	PAS S
Band1 2	5MHz	QPSK	23155	25RB#0	Range2:1000~10000M Hz	-43.6 6	PAS S
Band1 2	5MHz	16QAM	23035	25RB#0	Range1:30~1000MHz	-38.5 6	PAS S
Band1 2	5MHz	16QAM	23035	25RB#0	Range2:1000~10000M Hz	-43.1 1	PAS S
Band1 2	5MHz	16QAM	23095	25RB#0	Range1:30~1000MHz	-37.6 7	PAS S
Band1 2	5MHz	16QAM	23095	25RB#0	Range2:1000~10000M Hz	-43.1 4	PAS S
Band1 2	5MHz	16QAM	23155	25RB#0	Range1:30~1000MHz	-38.2 3	PAS S
Band1 2	5MHz	16QAM	23155	25RB#0	Range2:1000~10000M Hz	-44.7 9	PAS S
Band1 2	10MHz	QPSK	23060	50RB#0	Range1:30~1000MHz	-38.1 5	PAS S
Band1 2	10MHz	QPSK	23060	50RB#0	Range2:1000~10000M Hz	-46.5 2	PAS S
Band1 2	10MHz	QPSK	23095	50RB#0	Range1:30~1000MHz	-37.9 4	PAS S

Band1 2	10MHz	QPSK	23095	50RB#0	Range2:1000~10000M Hz	-45.9 9	PAS S
Band1 2	10MHz	QPSK	23130	50RB#0	Range1:30~1000MHz	-39.0 3	PAS S
Band1 2	10MHz	QPSK	23130	50RB#0	Range2:1000~10000M Hz	-46.1 3	PAS S
Band1 2	10MHz	16QAM	23060	50RB#0	Range1:30~1000MHz	-38.5 4	PAS S
Band1 2	10MHz	16QAM	23060	50RB#0	Range2:1000~10000M Hz	-46.4 3	PAS S
Band1 2	10MHz	16QAM	23095	50RB#0	Range1:30~1000MHz	-38.0 5	PAS S
Band1 2	10MHz	16QAM	23095	50RB#0	Range2:1000~10000M Hz	-45.2 7	PAS S
Band1 2	10MHz	16QAM	23130	50RB#0	Range1:30~1000MHz	-37.4 8	PAS S
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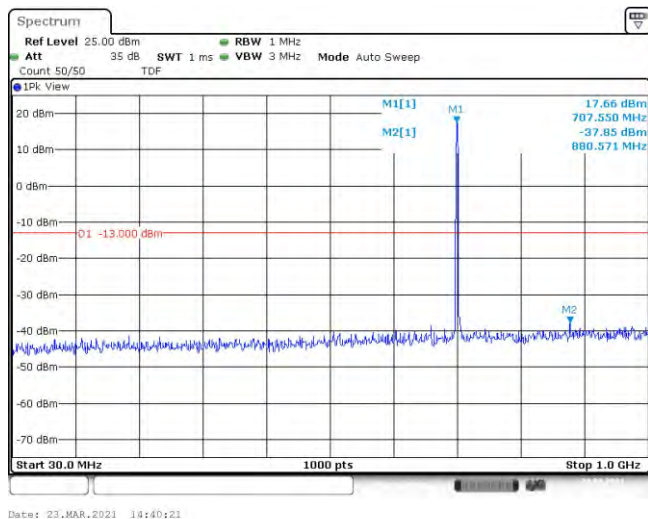
## Test Graphs



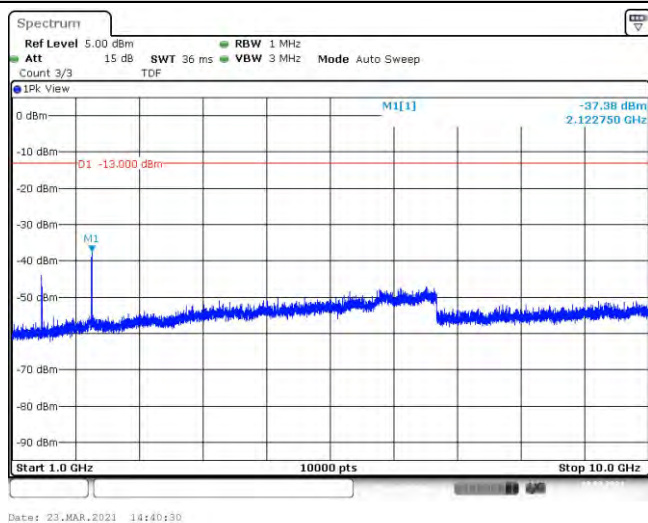




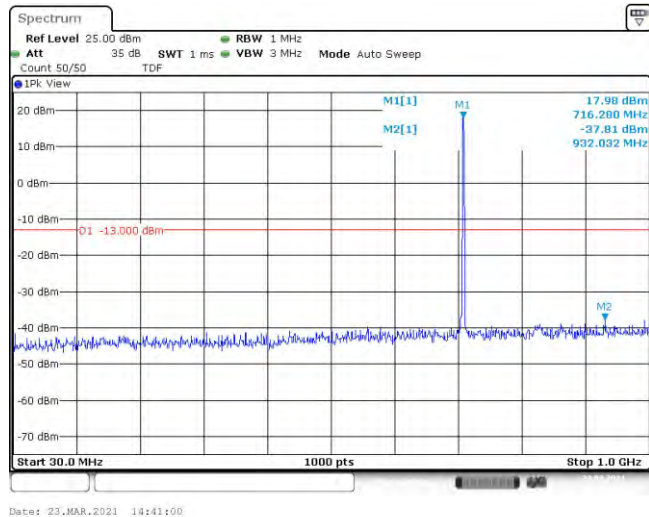
Band12-1.4MHz-QPSK-23095-6RB#0-Range1:30~1000MHz



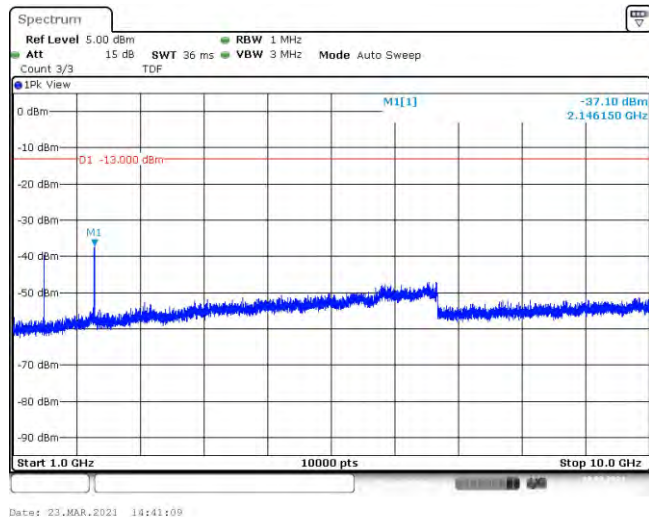
Band12-1.4MHz-QPSK-23095-6RB#0-Range2:1000~10000MHz



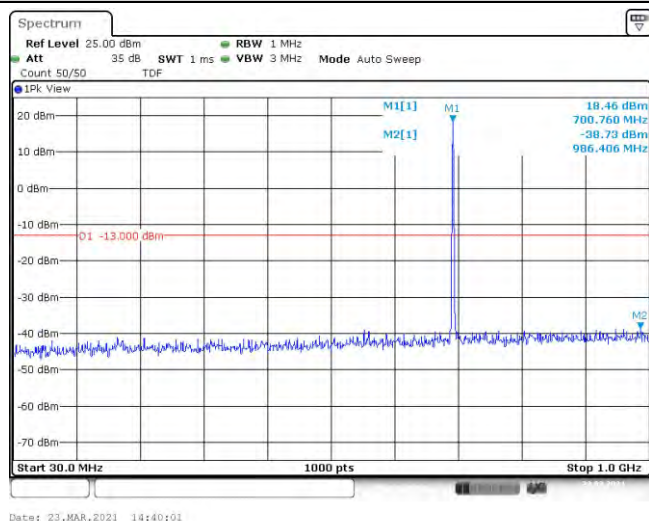
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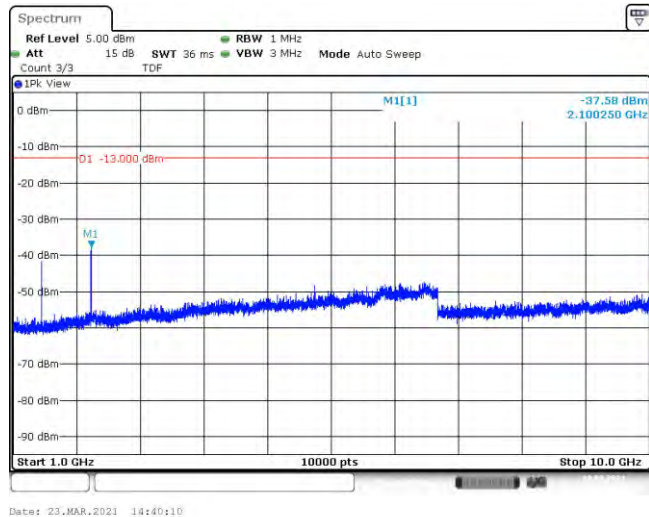
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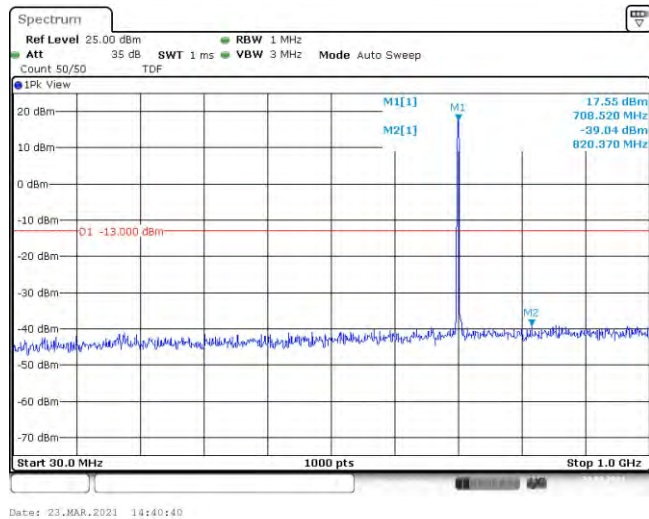
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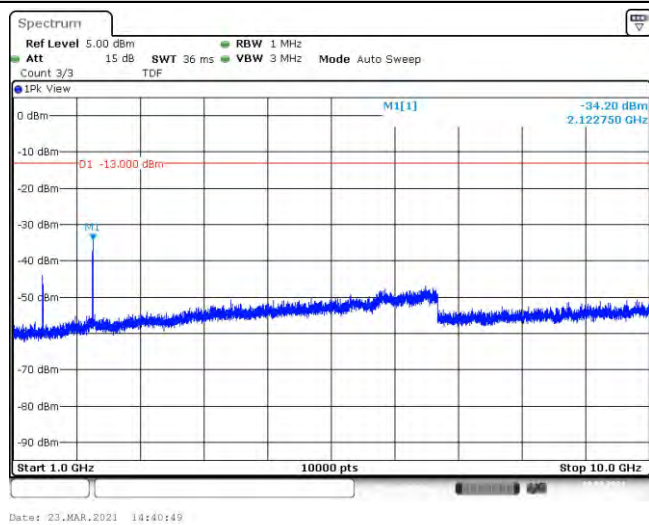
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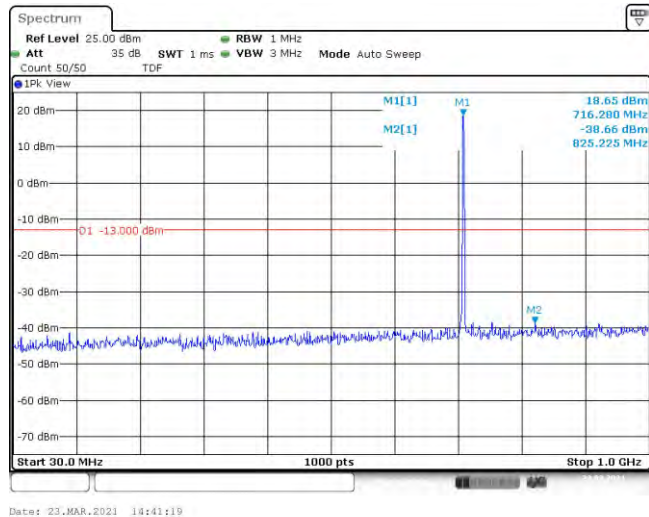
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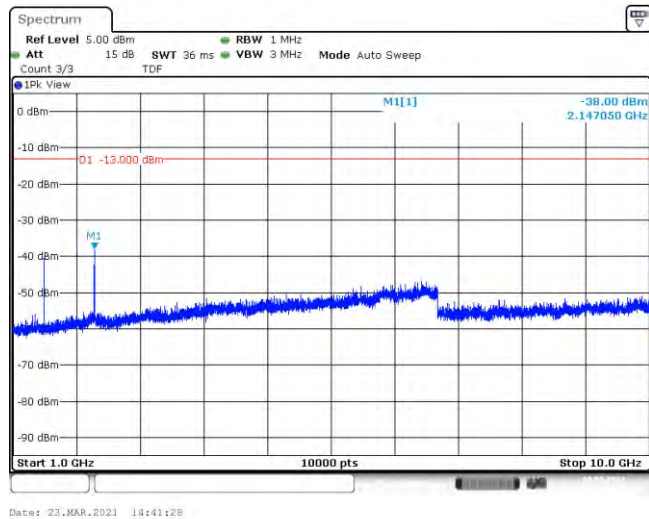
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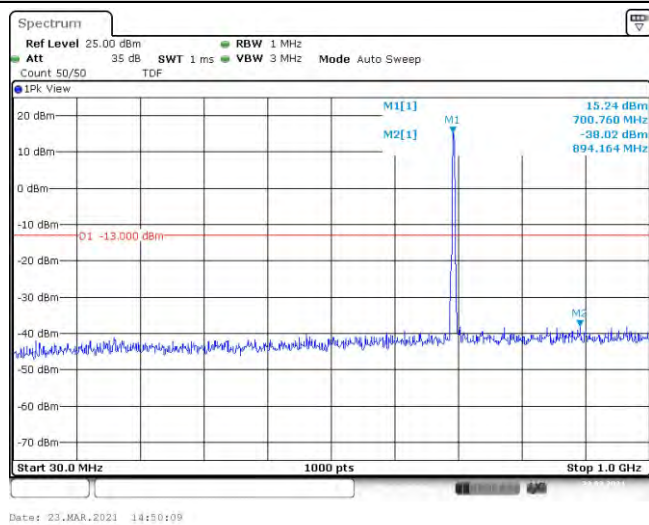
Band12-1.4MHz-16QAM-23173-6RB#0-Range1:30~1000MHz



Band12-1.4MHz-16QAM-23173-6RB#0-Range2:1000~10000MHz

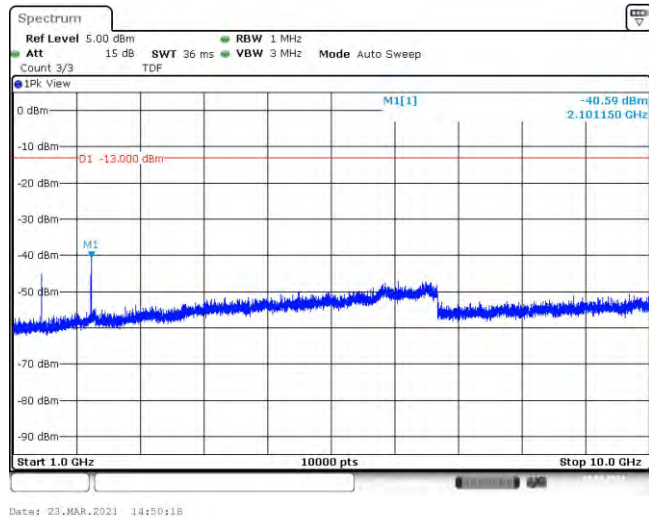


Band12-3MHz-QPSK-23025-15RB#0-Range1:30~1000MHz

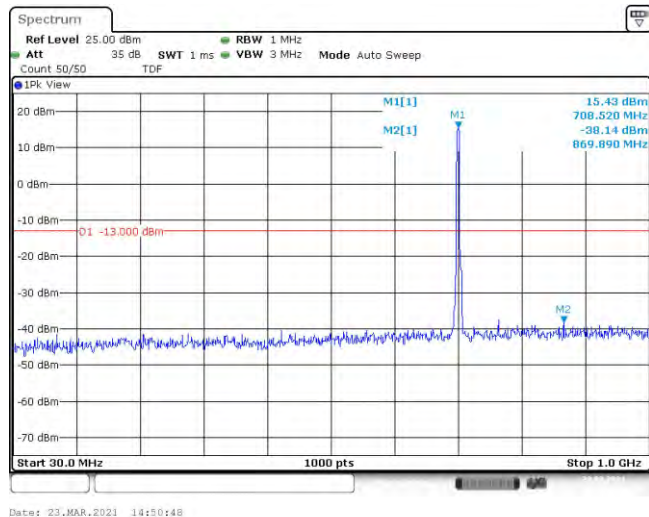


Band12-3MHz-QPSK-23025-15RB#0-Range2:1000~10000MHz

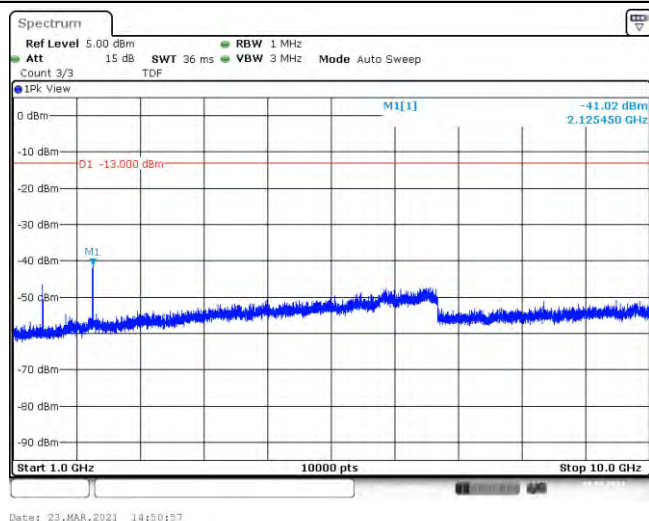




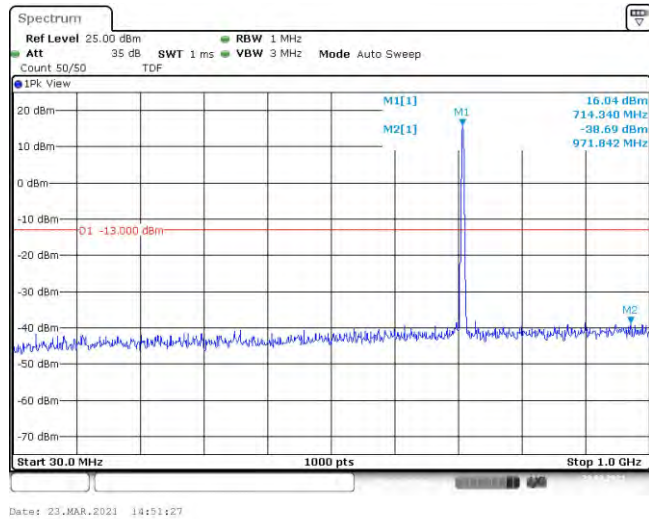
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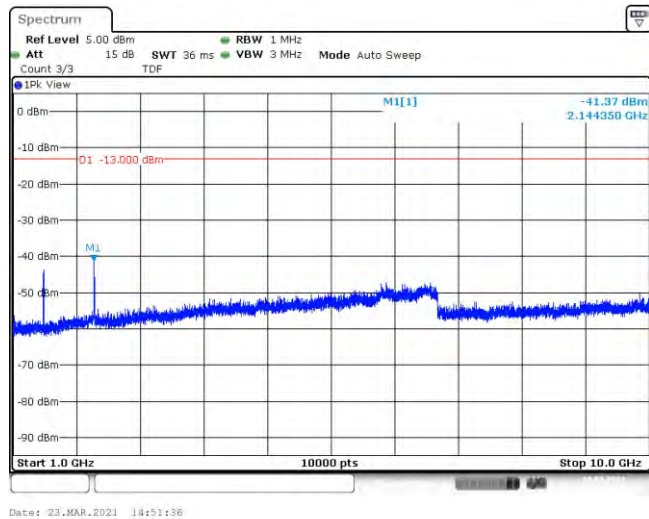
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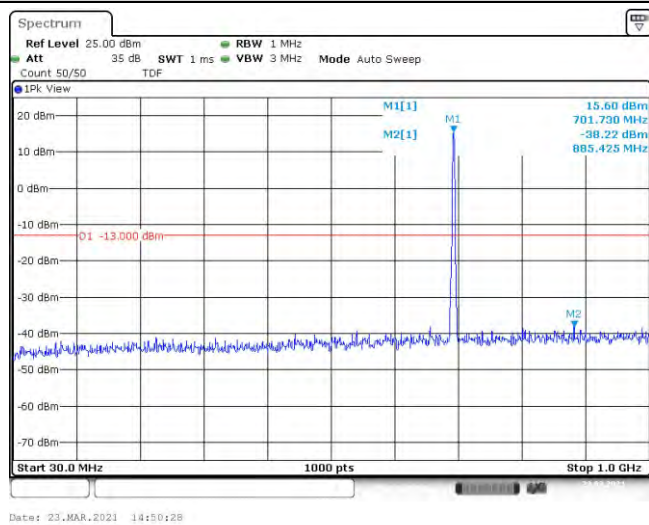
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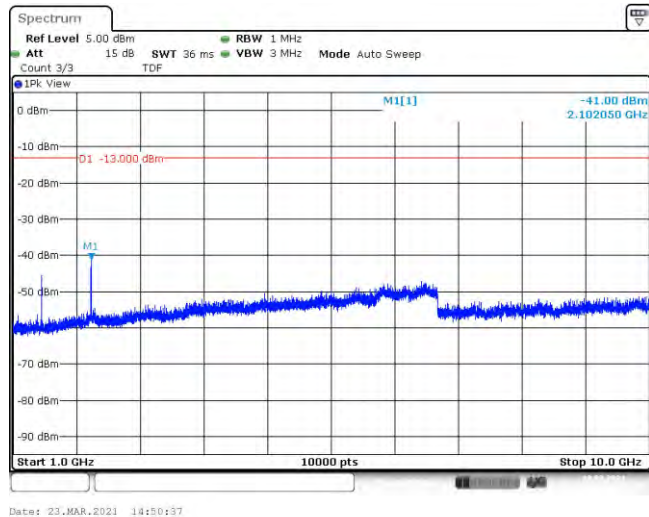
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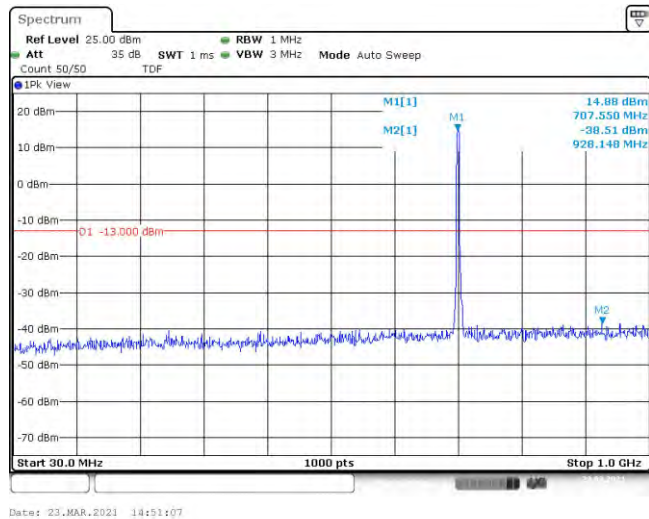
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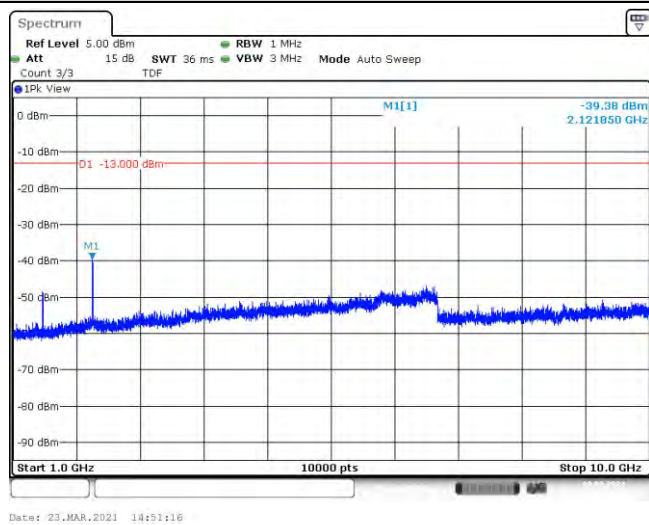
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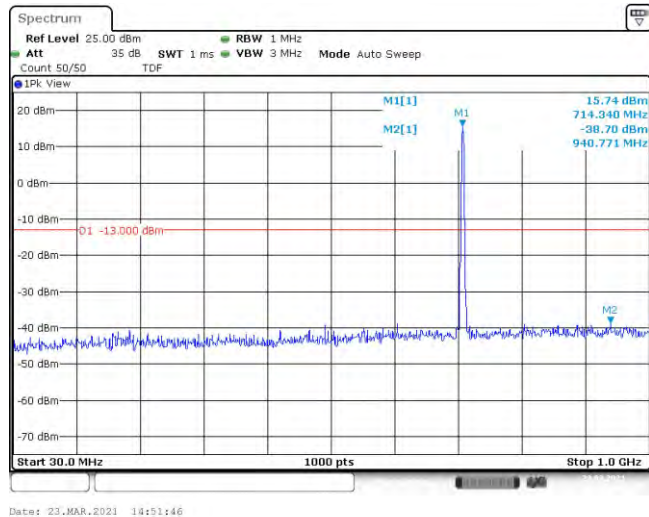
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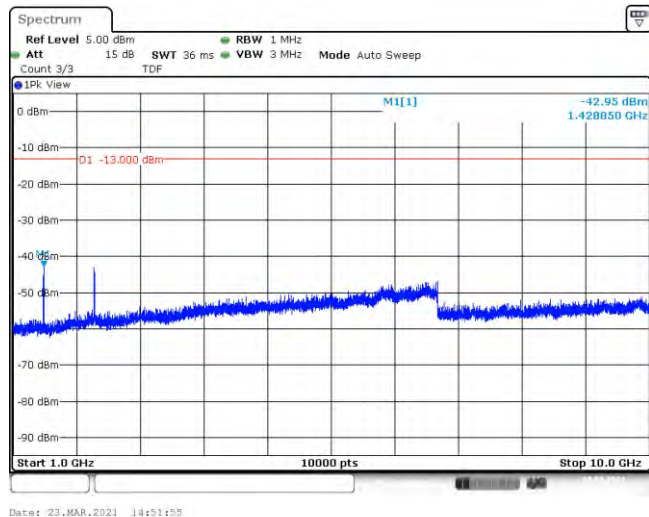
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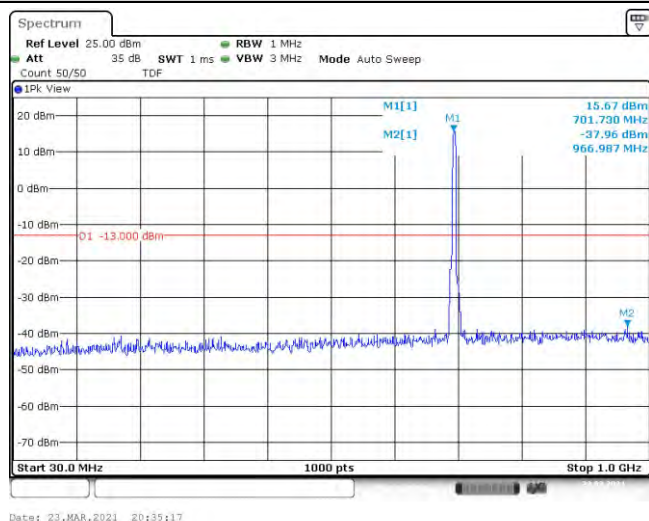
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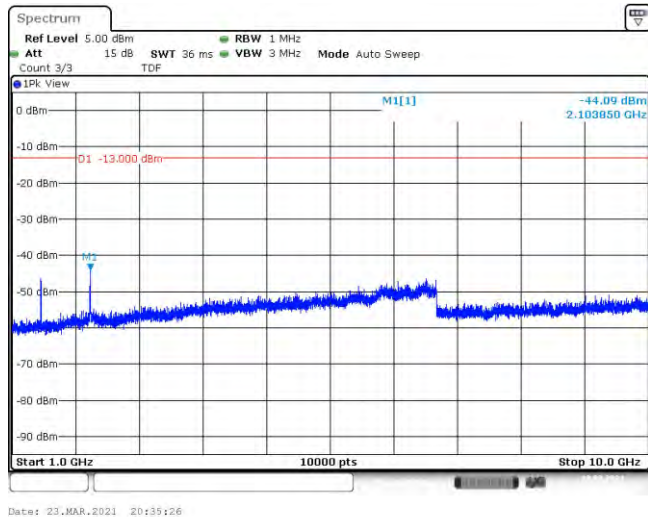
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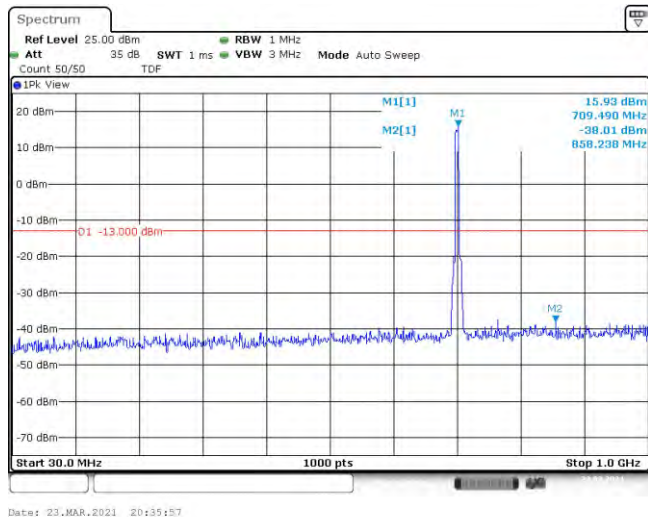
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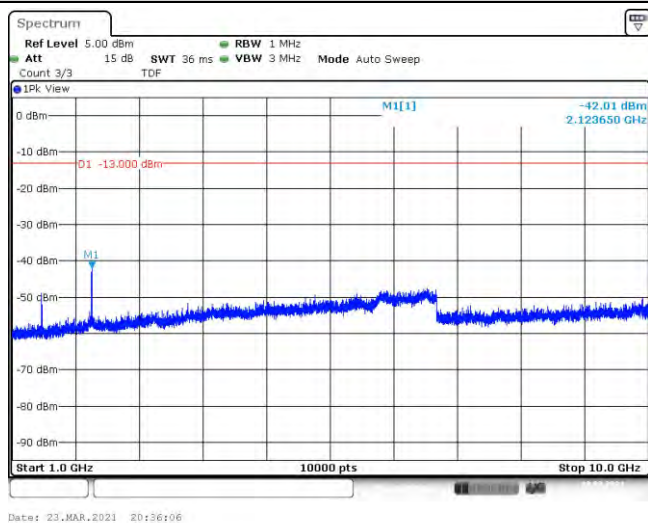
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Band12-5MHz-QPSK-23095-25RB#0-Range1:30~1000MHz

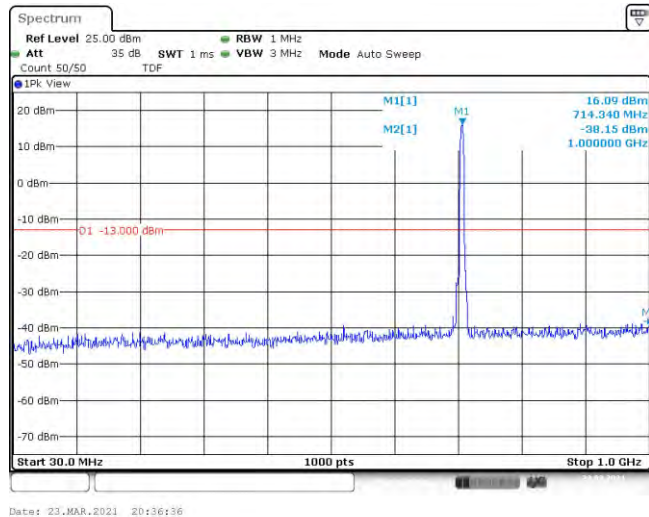


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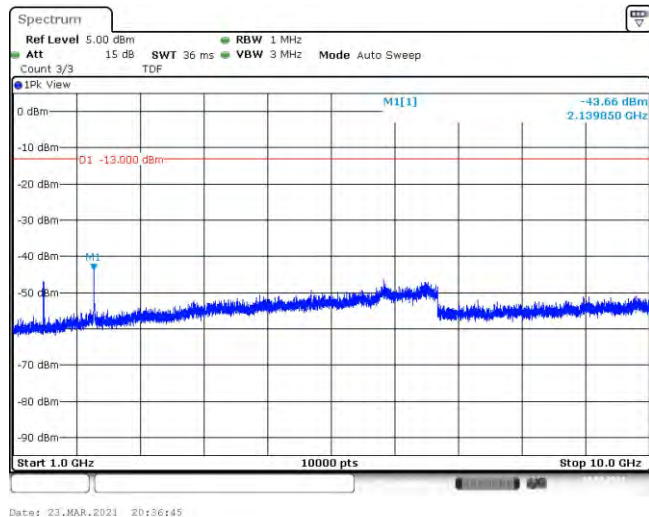


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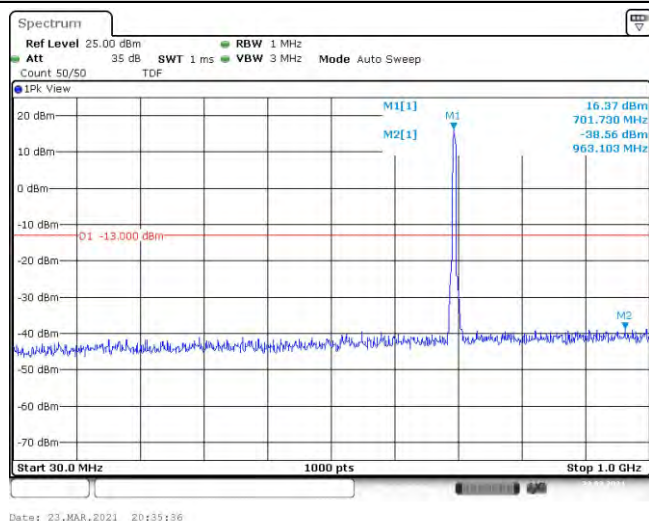




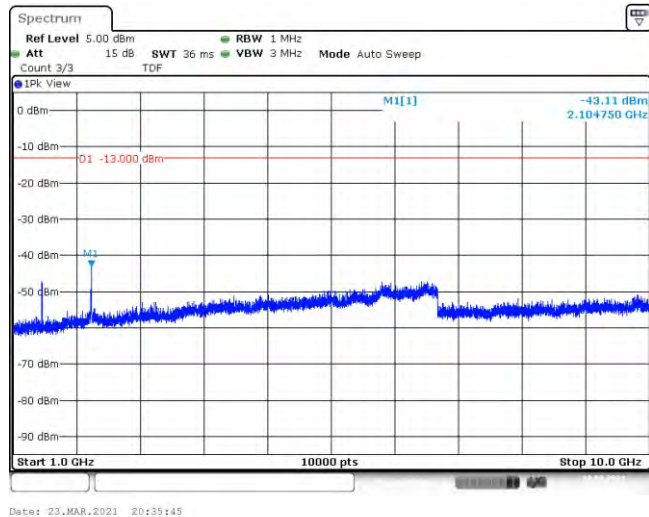
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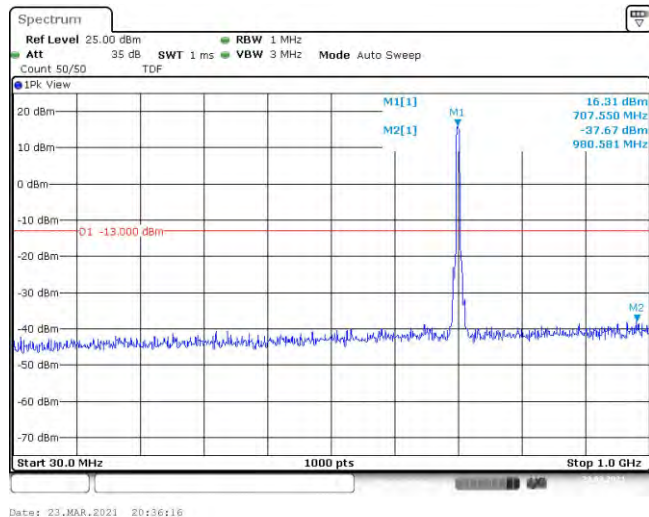
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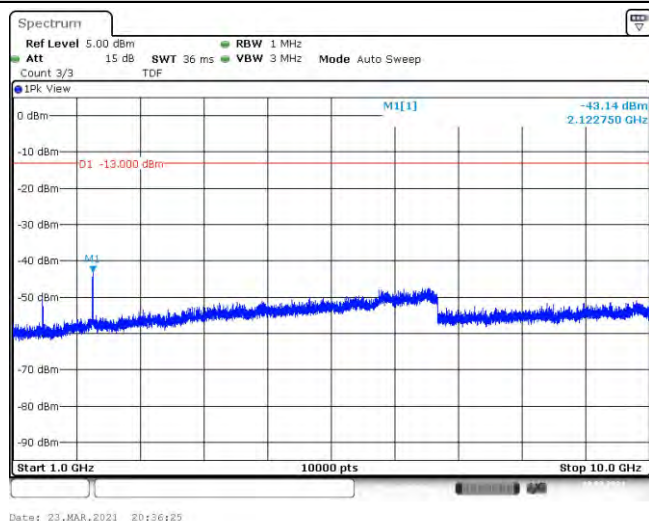
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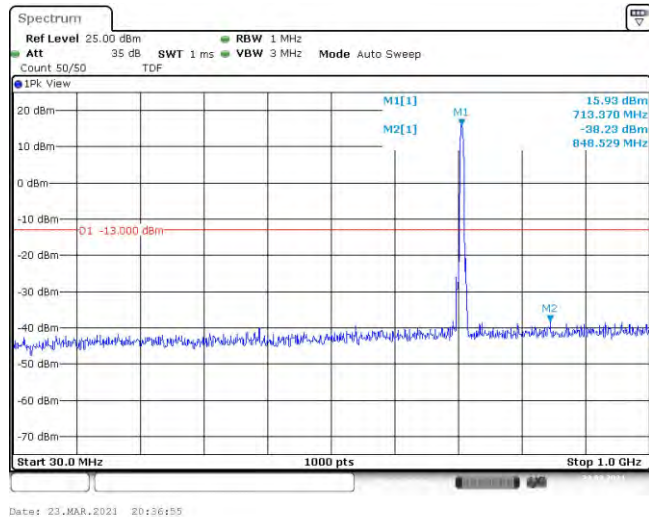
Band12-5MHz-16QAM-23095-25RB#0-Range1:30~1000MHz



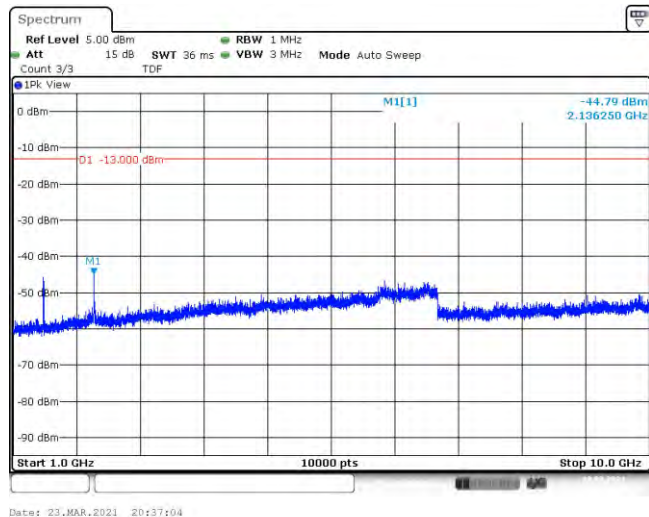
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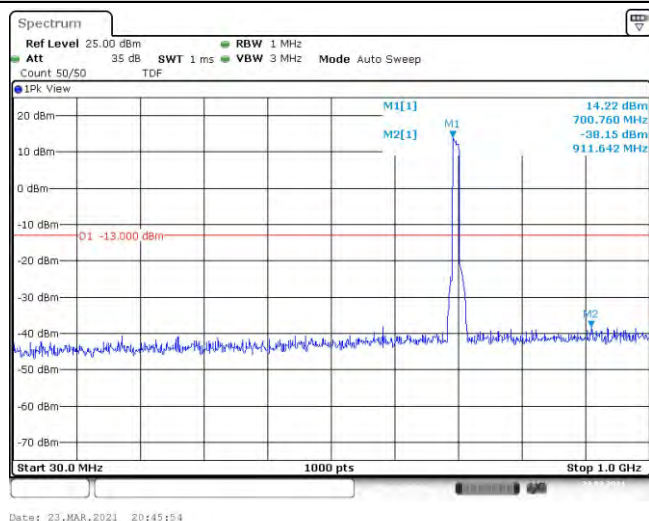
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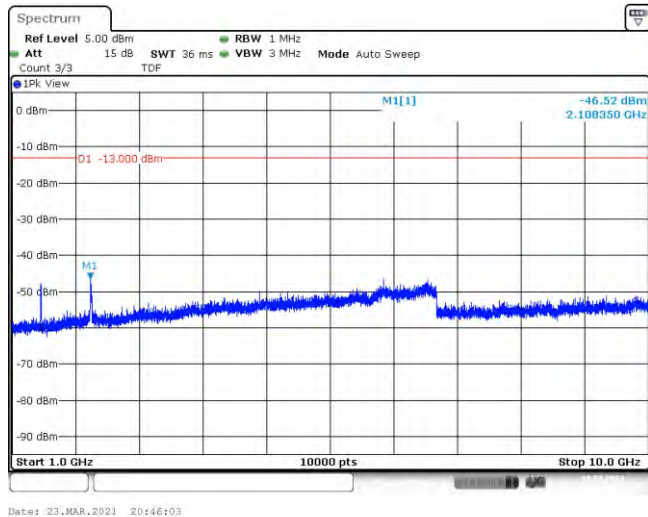
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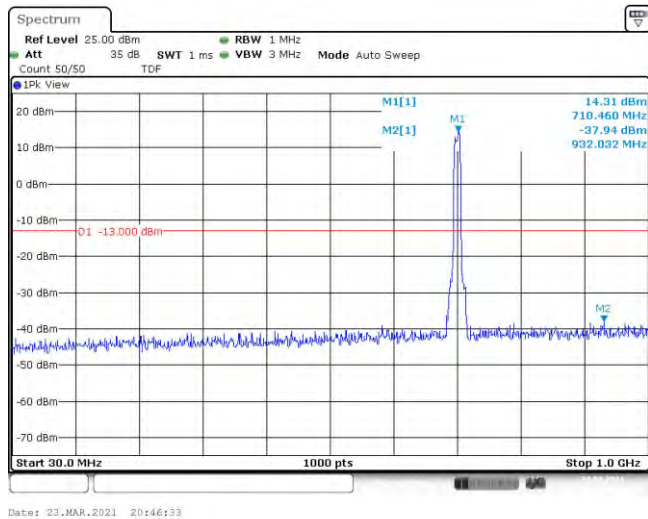
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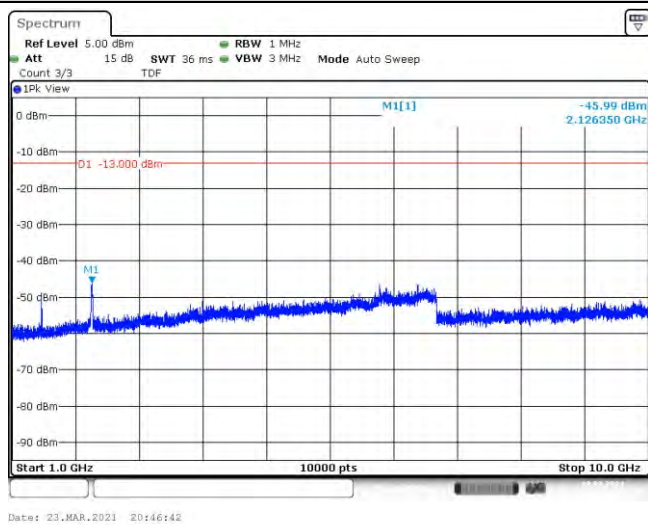
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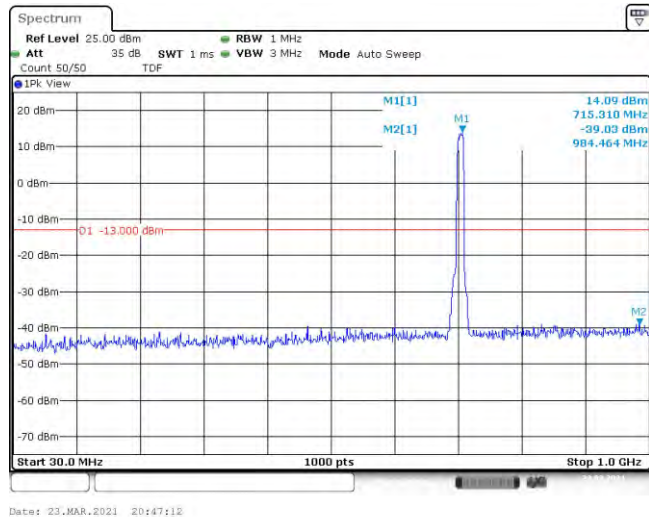
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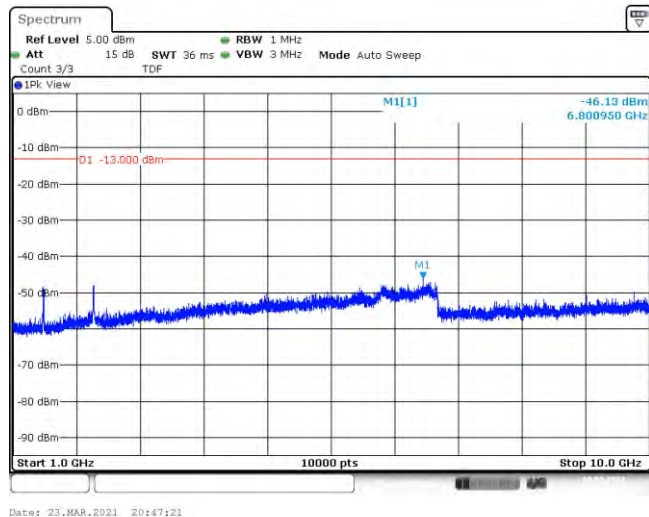
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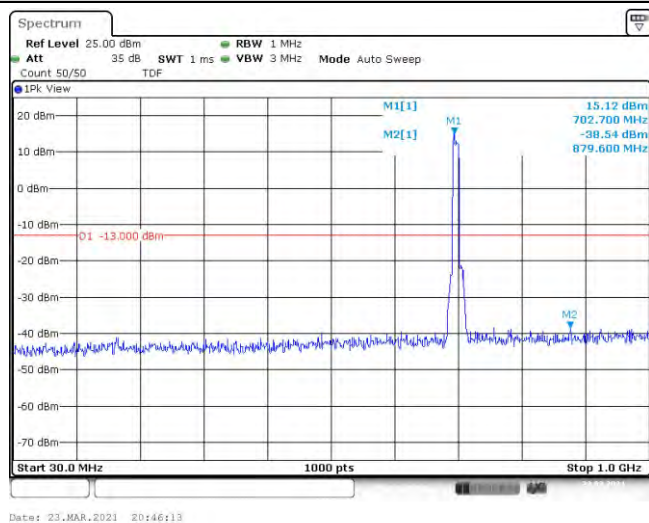
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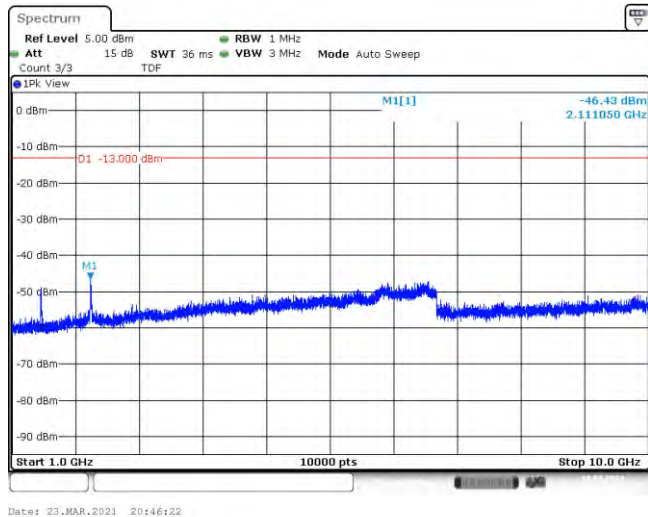


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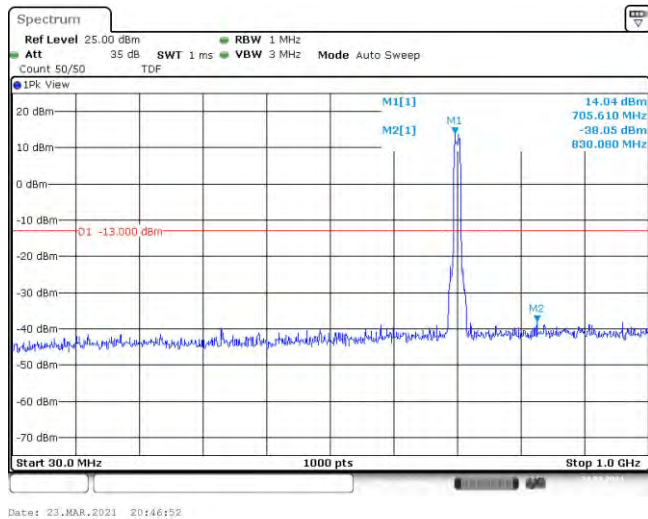


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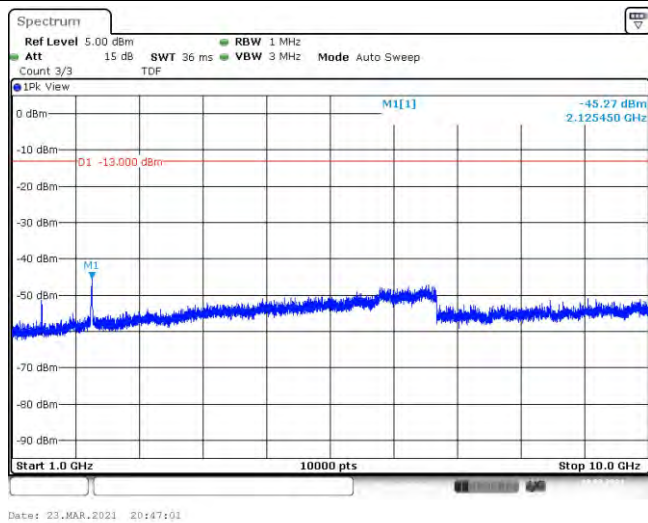




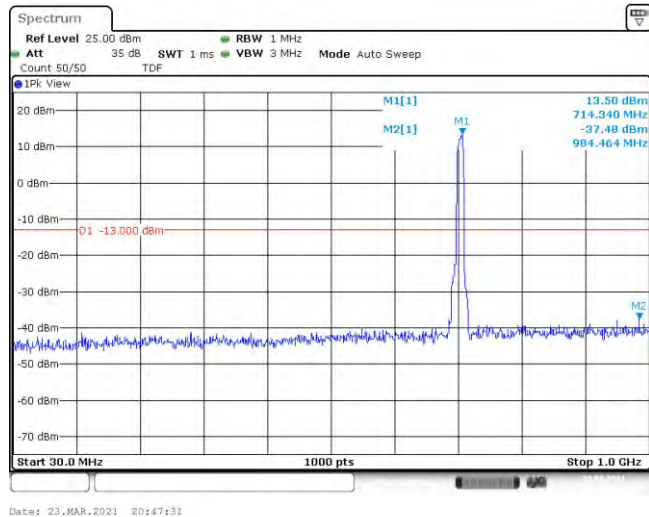
Band12-10MHz-16QAM-23095-50RB#0-Range1:30~1000MHz



Band12-10MHz-16QAM-23095-50RB#0-Range2:1000~10000MHz



Band12-10MHz-16QAM-23130-50RB#0-Range1:30~1000MHz



**Band12-10MHz-16QAM-23130-50RB#0-Range2:1000~10000MHz**

