

## **Appendix for LTE BAND 17**

Product Name: CSX8

Model No: LGT-08QA-2301

## Appendix A: Average Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	23.36	PASS
Band17	5MHz	QPSK	23755	1RB#12	23.33	PASS
Band17	5MHz	QPSK	23755	1RB#24	23.26	PASS
Band17	5MHz	QPSK	23755	12RB#0	22.37	PASS
Band17	5MHz	QPSK	23755	12RB#6	22.30	PASS
Band17	5MHz	QPSK	23755	12RB#13	22.33	PASS
Band17	5MHz	QPSK	23755	25RB#0	22.41	PASS
Band17	5MHz	QPSK	23790	1RB#0	23.51	PASS
Band17	5MHz	QPSK	23790	1RB#12	23.48	PASS
Band17	5MHz	QPSK	23790	1RB#24	23.38	PASS
Band17	5MHz	QPSK	23790	12RB#0	22.49	PASS
Band17	5MHz	QPSK	23790	12RB#6	22.46	PASS
Band17	5MHz	QPSK	23790	12RB#13	22.47	PASS
Band17	5MHz	QPSK	23790	25RB#0	22.40	PASS
Band17	5MHz	QPSK	23825	1RB#0	23.60	PASS
Band17	5MHz	QPSK	23825	1RB#12	23.50	PASS
Band17	5MHz	QPSK	23825	1RB#24	23.41	PASS
Band17	5MHz	QPSK	23825	12RB#0	22.49	PASS
Band17	5MHz	QPSK	23825	12RB#6	22.55	PASS
Band17	5MHz	QPSK	23825	12RB#13	22.49	PASS
Band17	5MHz	QPSK	23825	25RB#0	22.43	PASS
Band17	5MHz	16QAM	23755	1RB#0	22.33	PASS
Band17	5MHz	16QAM	23755	1RB#12	22.42	PASS
Band17	5MHz	16QAM	23755	1RB#24	22.41	PASS
Band17	5MHz	16QAM	23755	12RB#0	21.34	PASS
Band17	5MHz	16QAM	23755	12RB#6	21.36	PASS
Band17	5MHz	16QAM	23755	12RB#13	21.35	PASS
Band17	5MHz	16QAM	23755	25RB#0	21.38	PASS
Band17	5MHz	16QAM	23790	1RB#0	22.73	PASS
Band17	5MHz	16QAM	23790	1RB#12	22.68	PASS

Band17	5MHz	16QAM	23790	1RB#24	22.65	PASS
Band17	5MHz	16QAM	23790	12RB#0	21.52	PASS
Band17	5MHz	16QAM	23790	12RB#6	21.56	PASS
Band17	5MHz	16QAM	23790	12RB#13	21.52	PASS
Band17	5MHz	16QAM	23790	25RB#0	21.43	PASS
Band17	5MHz	16QAM	23825	1RB#0	22.59	PASS
Band17	5MHz	16QAM	23825	1RB#12	22.61	PASS
Band17	5MHz	16QAM	23825	1RB#24	22.37	PASS
Band17	5MHz	16QAM	23825	12RB#0	21.58	PASS
Band17	5MHz	16QAM	23825	12RB#6	21.58	PASS
Band17	5MHz	16QAM	23825	12RB#13	21.50	PASS
Band17	5MHz	16QAM	23825	25RB#0	21.54	PASS
Band17	10MHz	QPSK	23780	1RB#0	23.65	PASS
Band17	10MHz	QPSK	23780	1RB#24	23.25	PASS
Band17	10MHz	QPSK	23780	1RB#49	23.28	PASS
Band17	10MHz	QPSK	23780	25RB#0	22.35	PASS
Band17	10MHz	QPSK	23780	25RB#12	22.36	PASS
Band17	10MHz	QPSK	23780	25RB#25	22.41	PASS
Band17	10MHz	QPSK	23780	50RB#0	22.47	PASS
Band17	10MHz	QPSK	23790	1RB#0	23.28	PASS
Band17	10MHz	QPSK	23790	1RB#24	23.36	PASS
Band17	10MHz	QPSK	23790	1RB#49	23.67	PASS
Band17	10MHz	QPSK	23790	25RB#0	22.48	PASS
Band17	10MHz	QPSK	23790	25RB#12	22.41	PASS
Band17	10MHz	QPSK	23790	25RB#25	22.48	PASS
Band17	10MHz	QPSK	23790	50RB#0	22.44	PASS
Band17	10MHz	QPSK	23800	1RB#0	23.63	PASS
Band17	10MHz	QPSK	23800	1RB#24	23.34	PASS
Band17	10MHz	QPSK	23800	1RB#49	23.32	PASS
Band17	10MHz	QPSK	23800	25RB#0	22.48	PASS
Band17	10MHz	QPSK	23800	25RB#12	22.46	PASS
Band17	10MHz	QPSK	23800	25RB#25	22.51	PASS
Band17	10MHz	QPSK	23800	50RB#0	22.49	PASS
Band17	10MHz	16QAM	23780	1RB#0	22.55	PASS
Band17	10MHz	16QAM	23780	1RB#24	22.64	PASS
Band17	10MHz	16QAM	23780	1RB#49	22.65	PASS

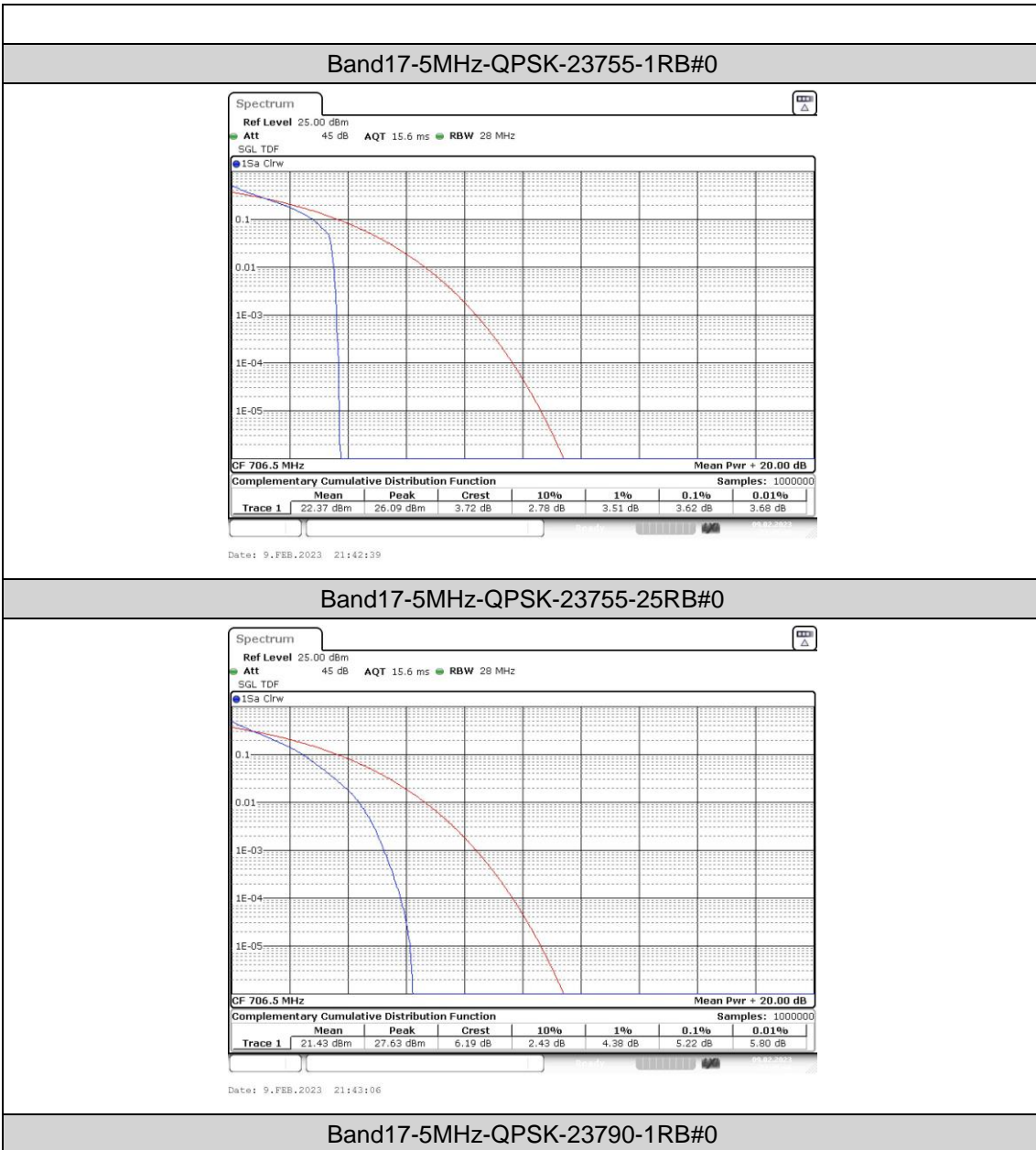
Band17	10MHz	16QAM	23780	25RB#0	21.38	PASS
Band17	10MHz	16QAM	23780	25RB#12	21.35	PASS
Band17	10MHz	16QAM	23780	25RB#25	21.41	PASS
Band17	10MHz	16QAM	23780	50RB#0	21.43	PASS
Band17	10MHz	16QAM	23790	1RB#0	22.54	PASS
Band17	10MHz	16QAM	23790	1RB#24	22.58	PASS
Band17	10MHz	16QAM	23790	1RB#49	22.60	PASS
Band17	10MHz	16QAM	23790	25RB#0	21.52	PASS
Band17	10MHz	16QAM	23790	25RB#12	21.51	PASS
Band17	10MHz	16QAM	23790	25RB#25	21.52	PASS
Band17	10MHz	16QAM	23790	50RB#0	21.46	PASS
Band17	10MHz	16QAM	23800	1RB#0	22.25	PASS
Band17	10MHz	16QAM	23800	1RB#24	22.40	PASS
Band17	10MHz	16QAM	23800	1RB#49	22.37	PASS
Band17	10MHz	16QAM	23800	25RB#0	21.48	PASS
Band17	10MHz	16QAM	23800	25RB#12	21.49	PASS
Band17	10MHz	16QAM	23800	25RB#25	21.55	PASS
Band17	10MHz	16QAM	23800	50RB#0	21.45	PASS

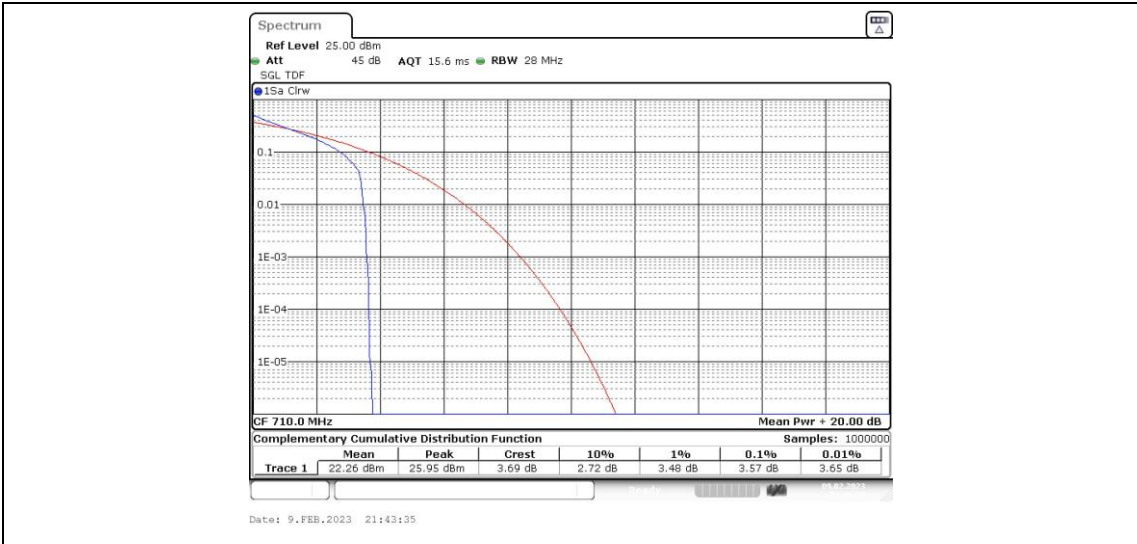
## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

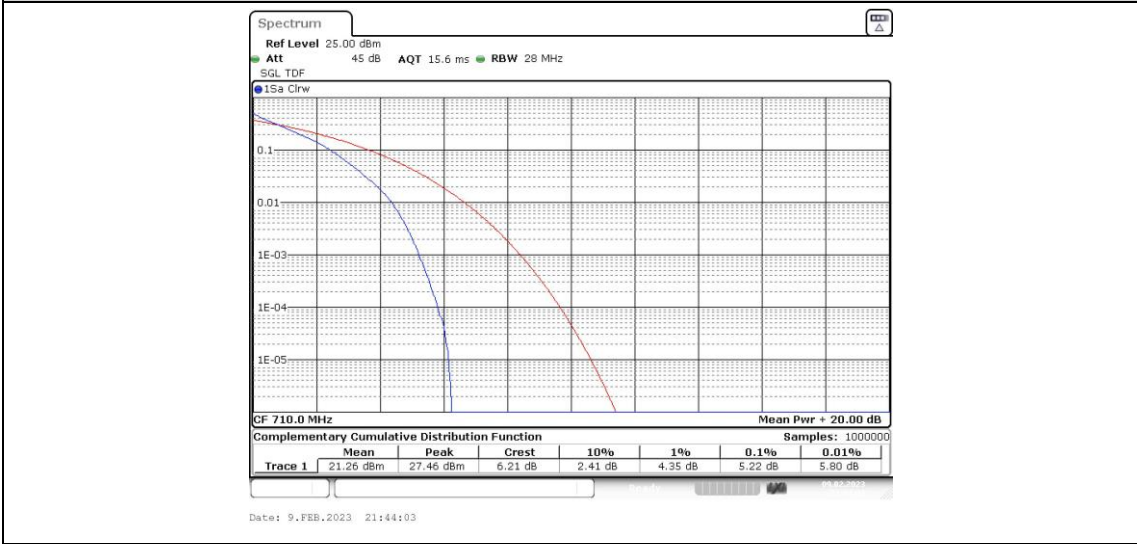
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	3.62	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	5.22	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	3.57	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	5.22	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	3.59	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	5.22	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	5.33	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	6.00	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.33	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	6.00	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	5.19	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.97	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	3.51	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	5.10	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	3.51	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	5.07	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	3.48	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	5.07	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	5.22	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.94	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	5.30	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.91	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	5.25	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.94	13	PASS

### Test Graphs

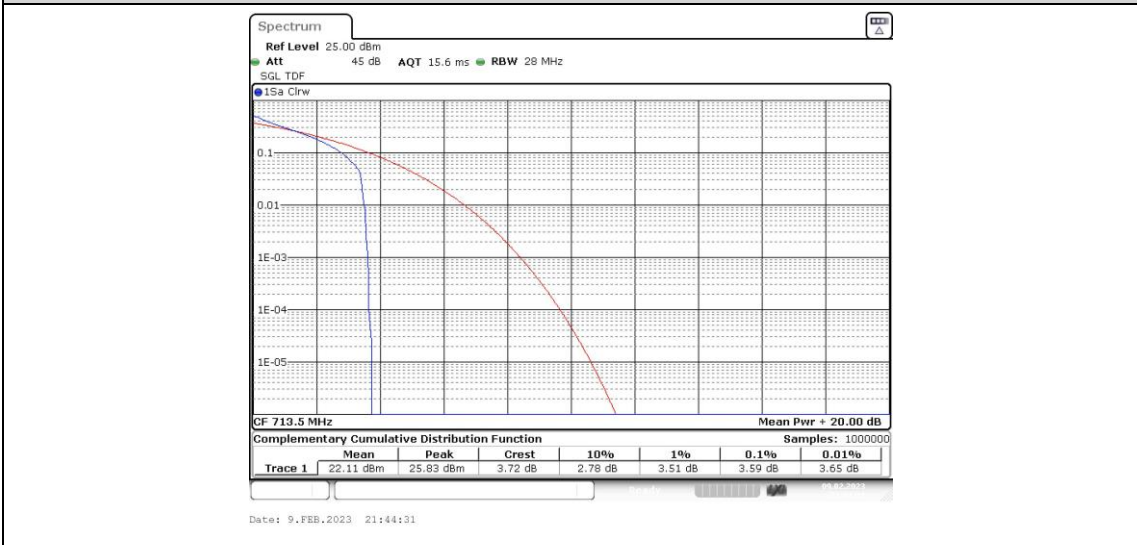




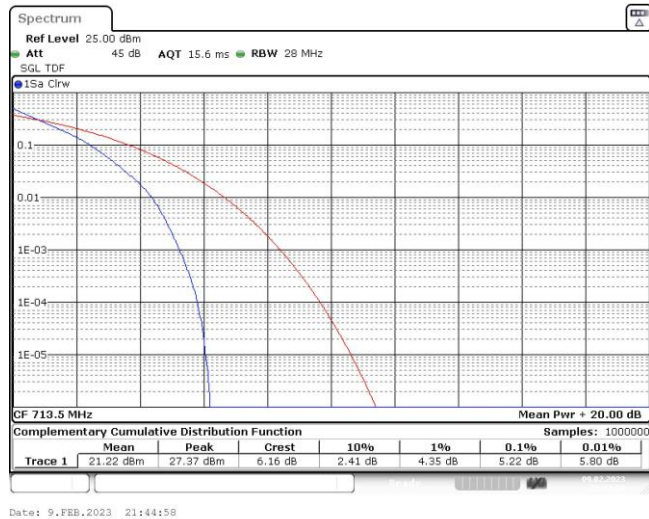
**Band17-5MHz-QPSK-23790-25RB#0**



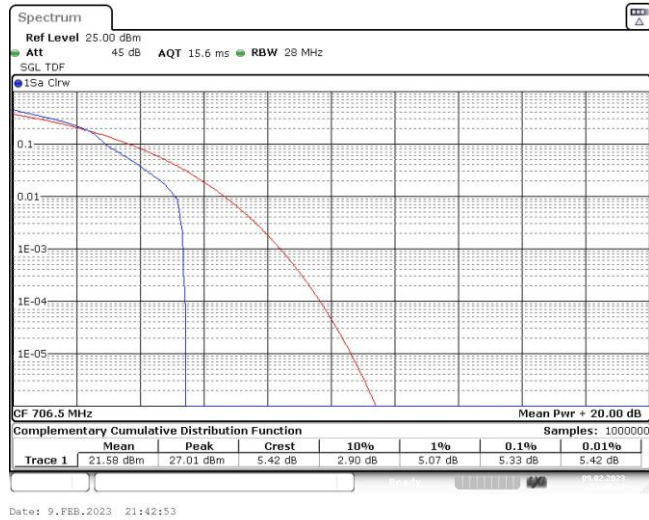
**Band17-5MHz-QPSK-23825-1RB#0**



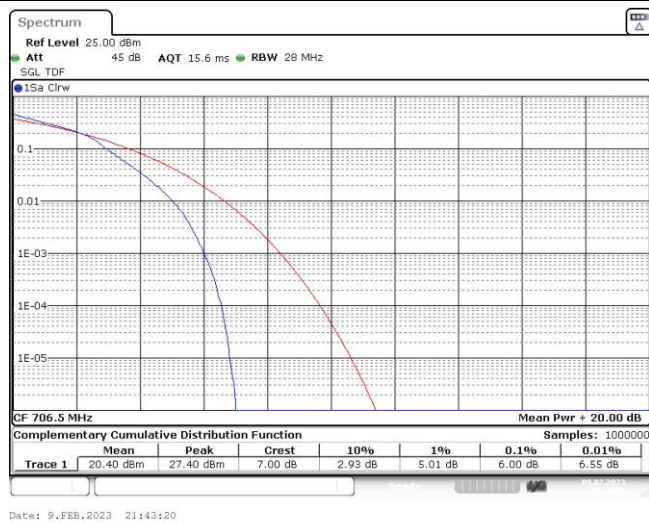
**Band17-5MHz-QPSK-23825-25RB#0**



**Band17-5MHz-16QAM-23755-1RB#0**

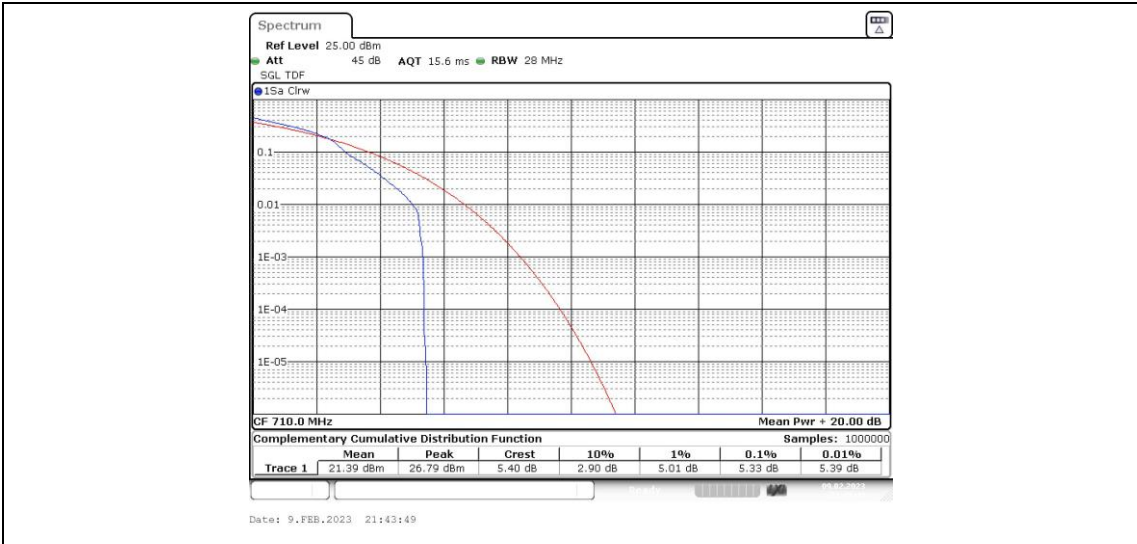


**Band17-5MHz-16QAM-23755-25RB#0**



**Band17-5MHz-16QAM-23790-1RB#0**

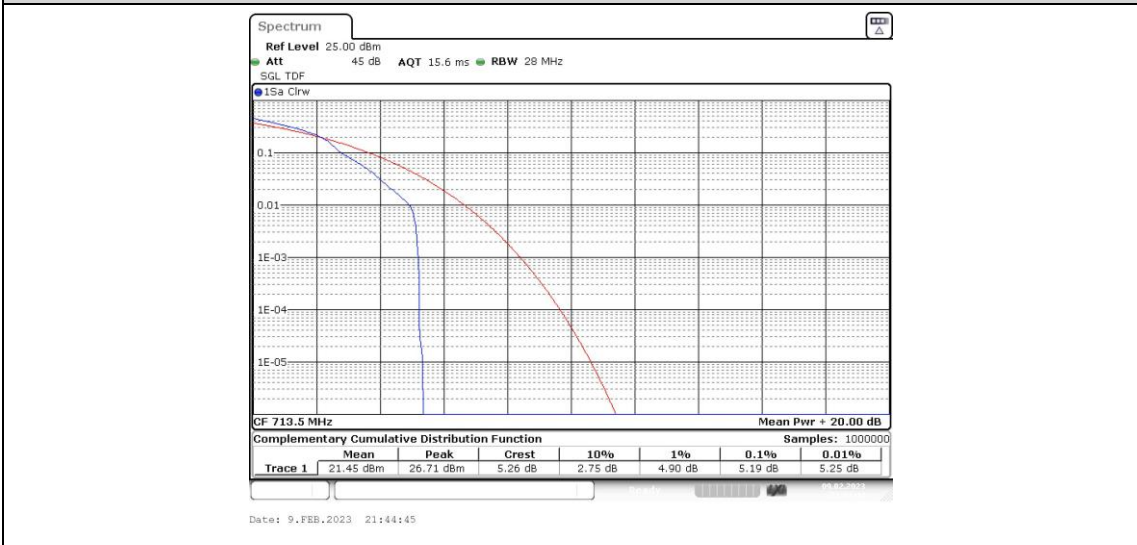




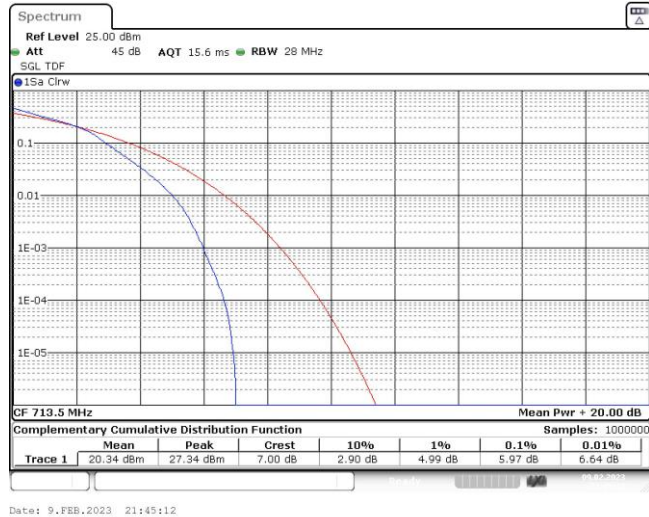
Band17-5MHz-16QAM-23790-25RB#0



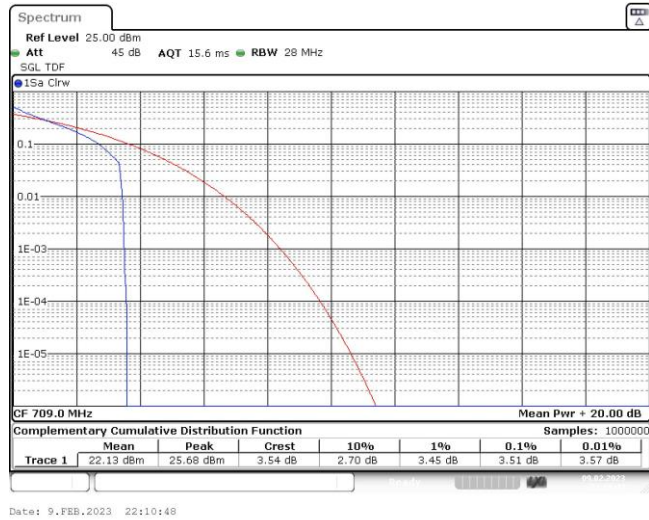
Band17-5MHz-16QAM-23825-1RB#0



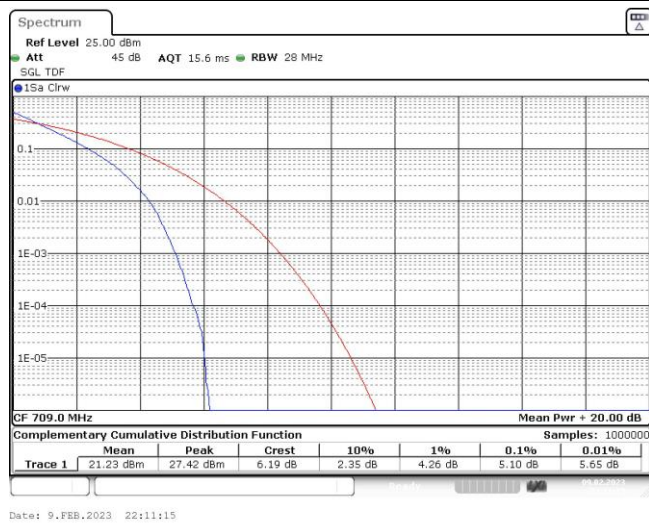
Band17-5MHz-16QAM-23825-25RB#0



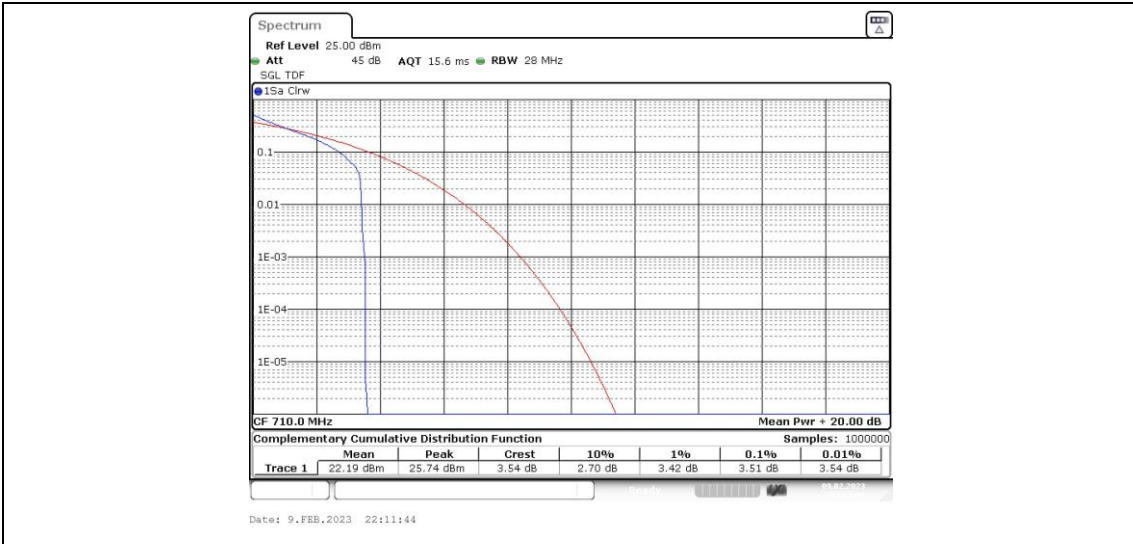
**Band17-10MHz-QPSK-23780-1RB#0**



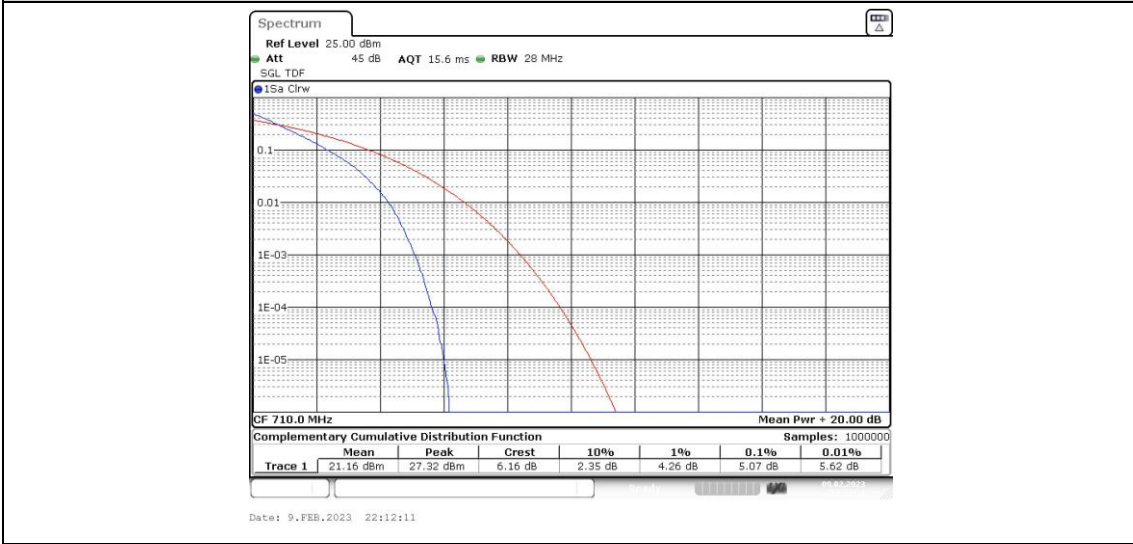
**Band17-10MHz-QPSK-23780-50RB#0**



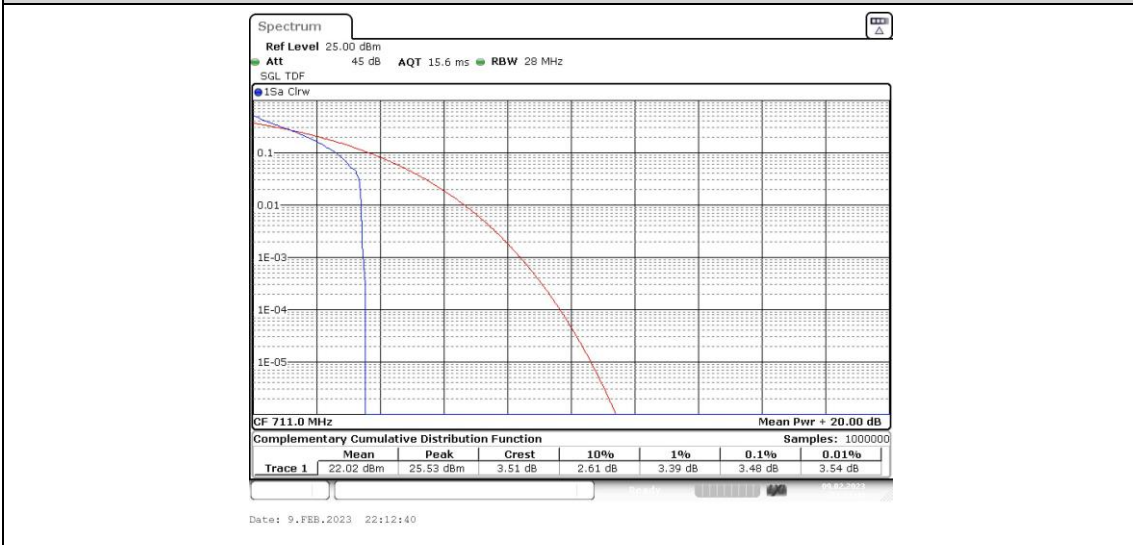
**Band17-10MHz-QPSK-23790-1RB#0**



Band17-10MHz-QPSK-23790-50RB#0

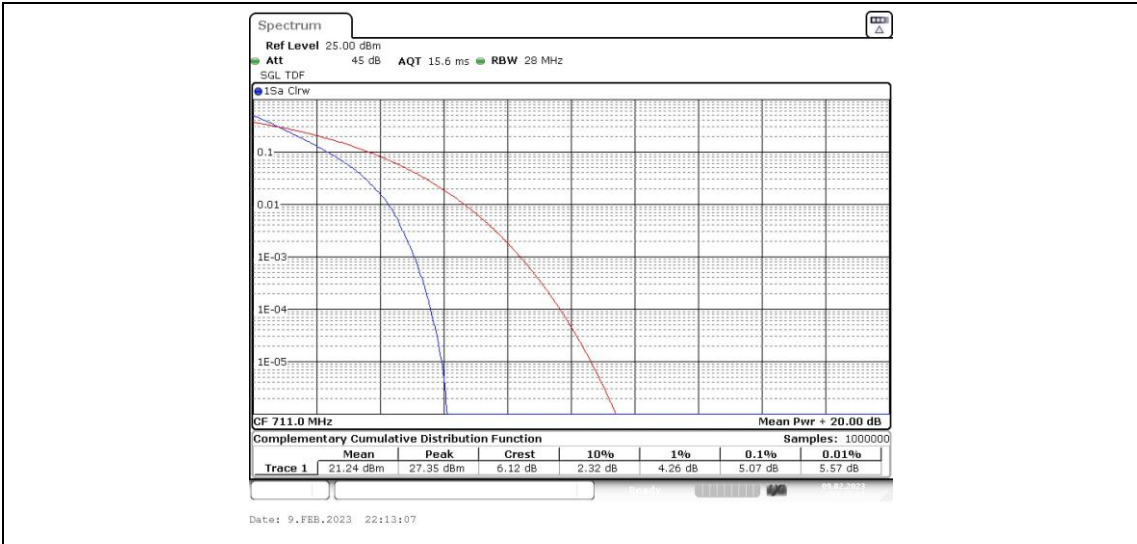


Band17-10MHz-QPSK-23800-1RB#0

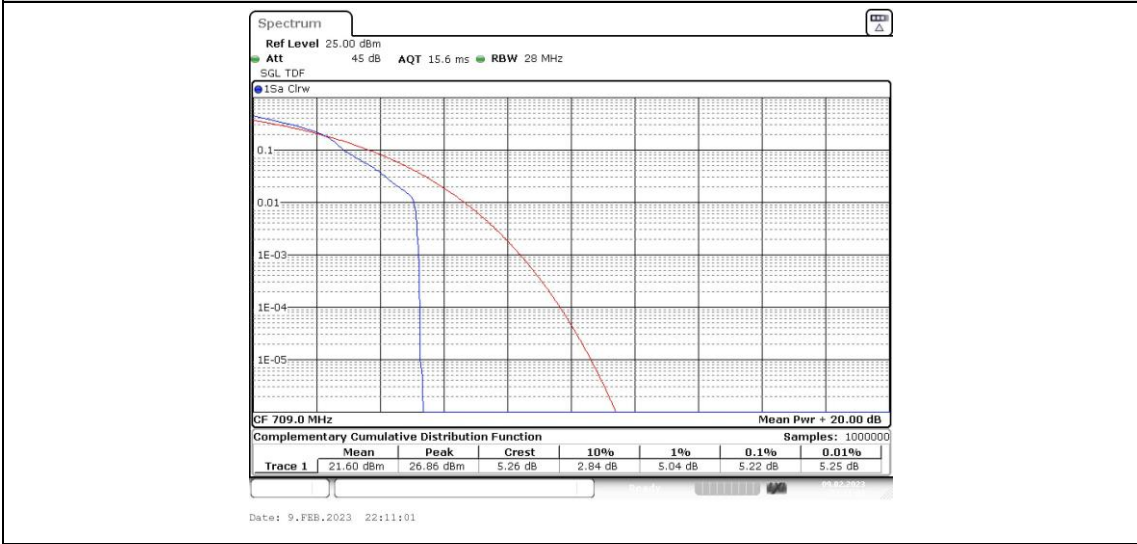


Band17-10MHz-QPSK-23800-50RB#0





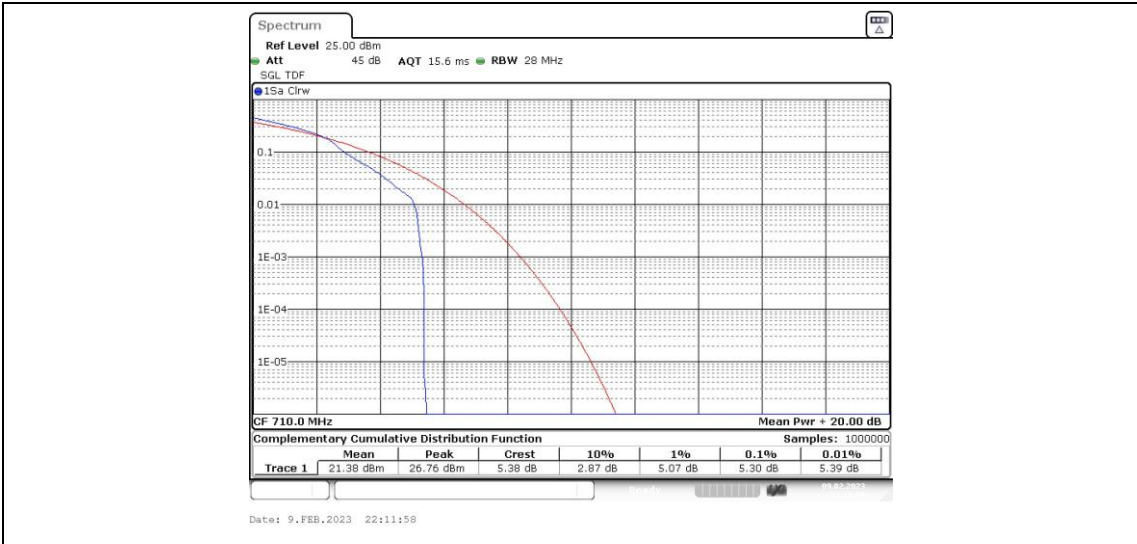
Band17-10MHz-16QAM-23780-1RB#0



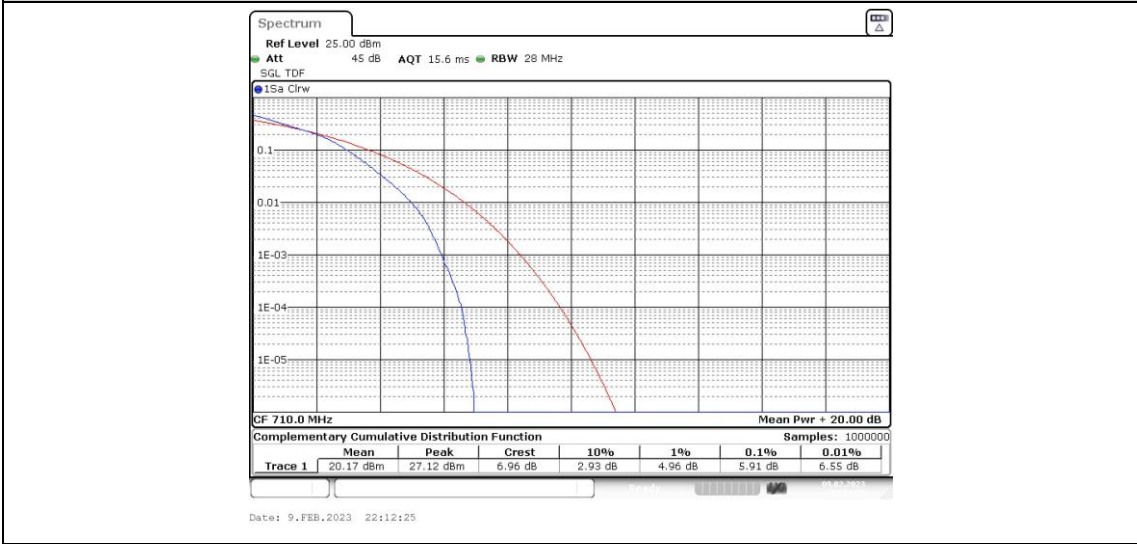
Band17-10MHz-16QAM-23780-50RB#0



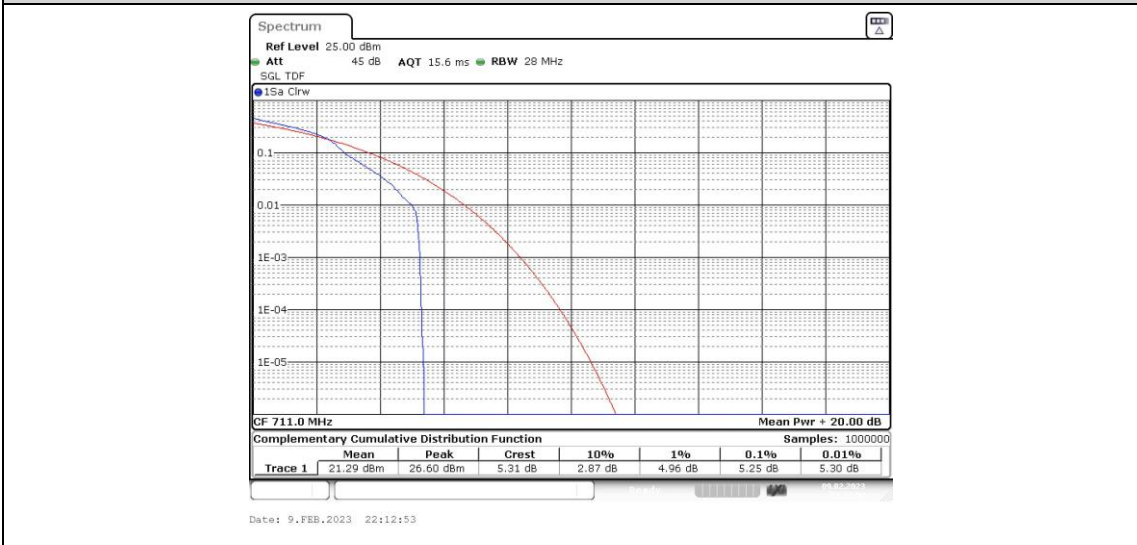
Band17-10MHz-16QAM-23790-1RB#0



Band17-10MHz-16QAM-23790-50RB#0



Band17-10MHz-16QAM-23800-1RB#0



Band17-10MHz-16QAM-23800-50RB#0

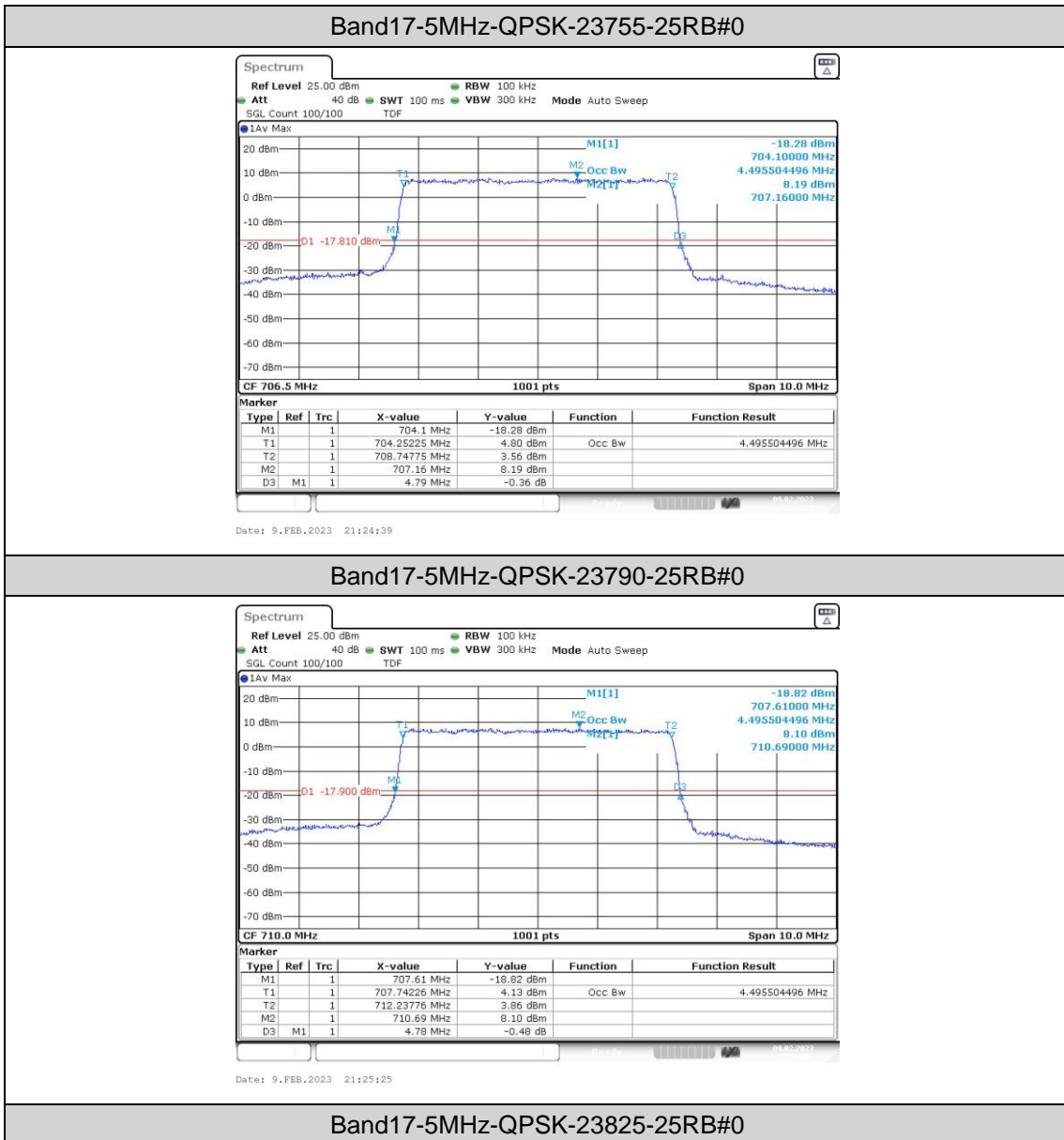


## Appendix C: 26dB Bandwidth and Occupied Bandwidth

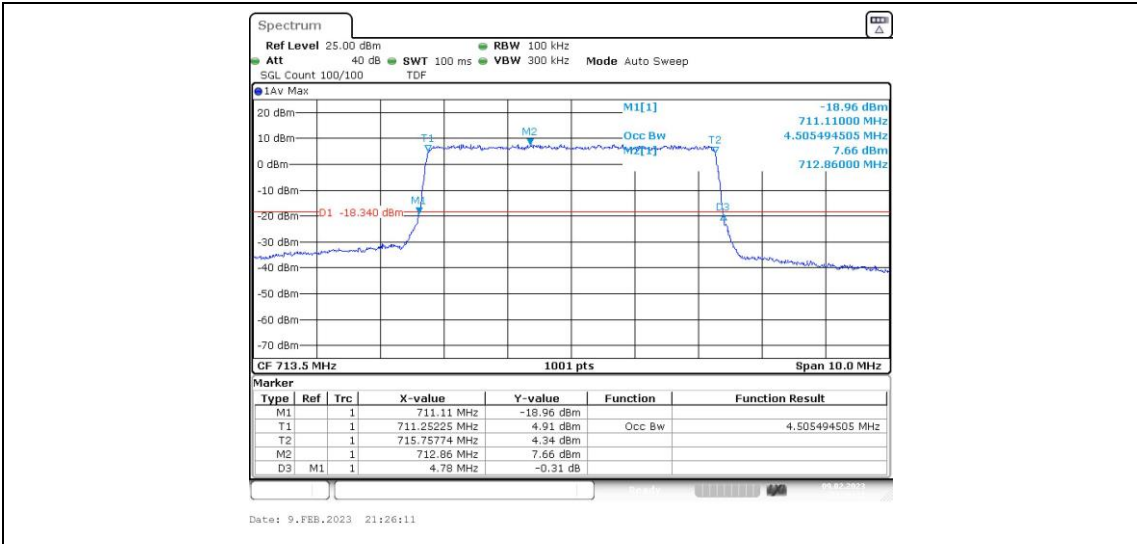
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.496	4.79	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.496	4.78	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.505	4.78	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.515	4.77	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.515	4.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.496	4.78	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.985	9.53	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.952	9.53	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.952	9.53	PASS
Band17	10MHz	16QAM	23780	50RB#0	8.952	9.53	PASS
Band17	10MHz	16QAM	23790	50RB#0	8.952	9.53	PASS
Band17	10MHz	16QAM	23800	50RB#0	8.952	9.53	PASS

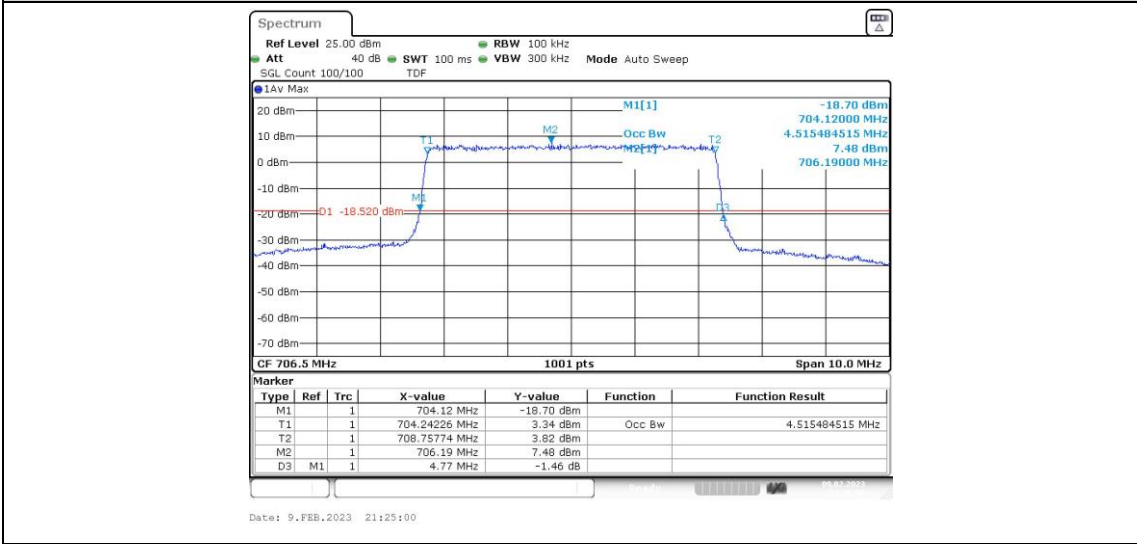
### Test Graphs



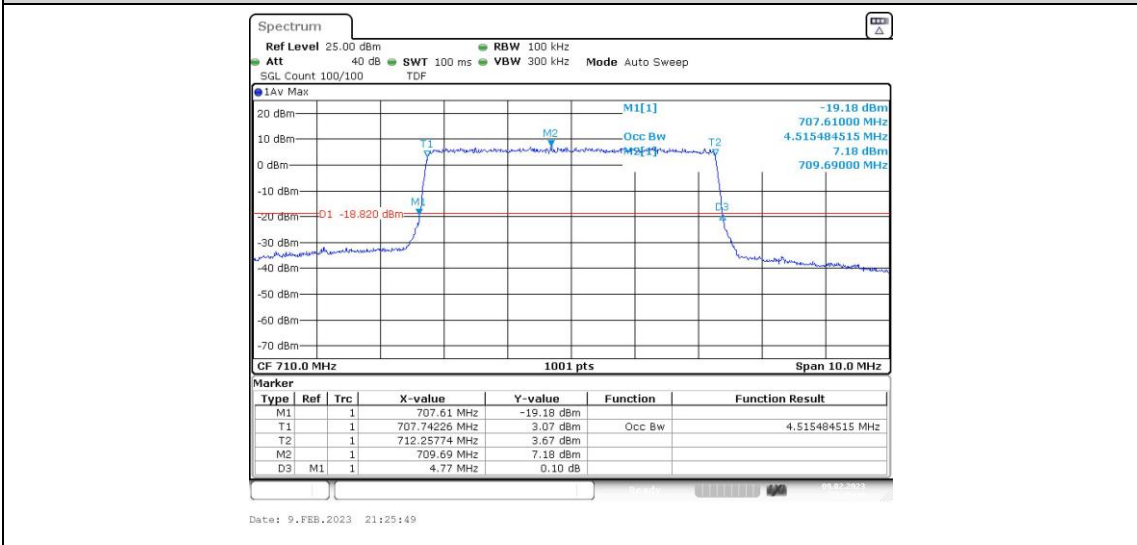




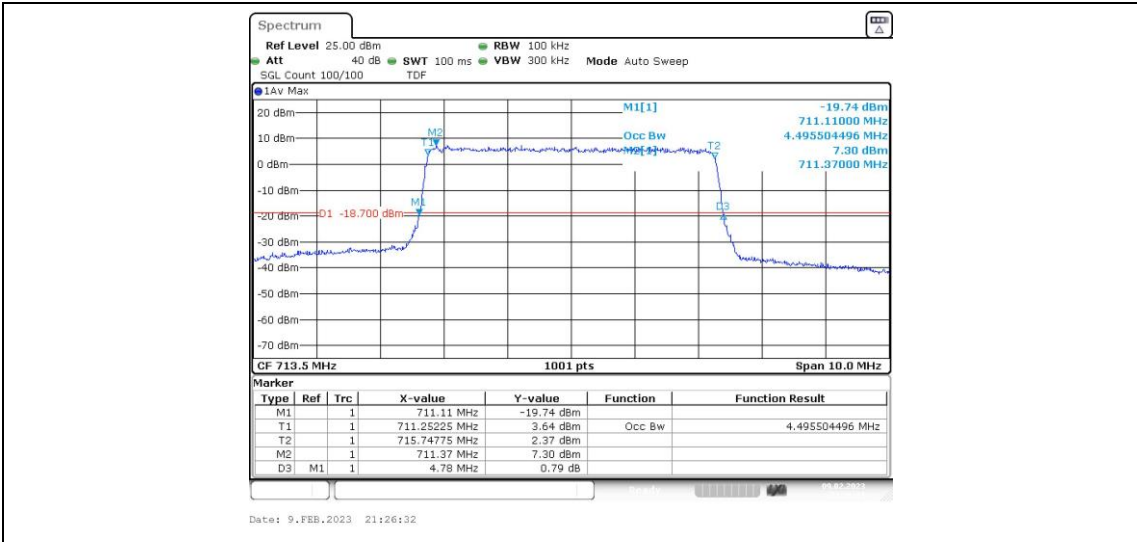
Band17-5MHz-16QAM-23755-25RB#0



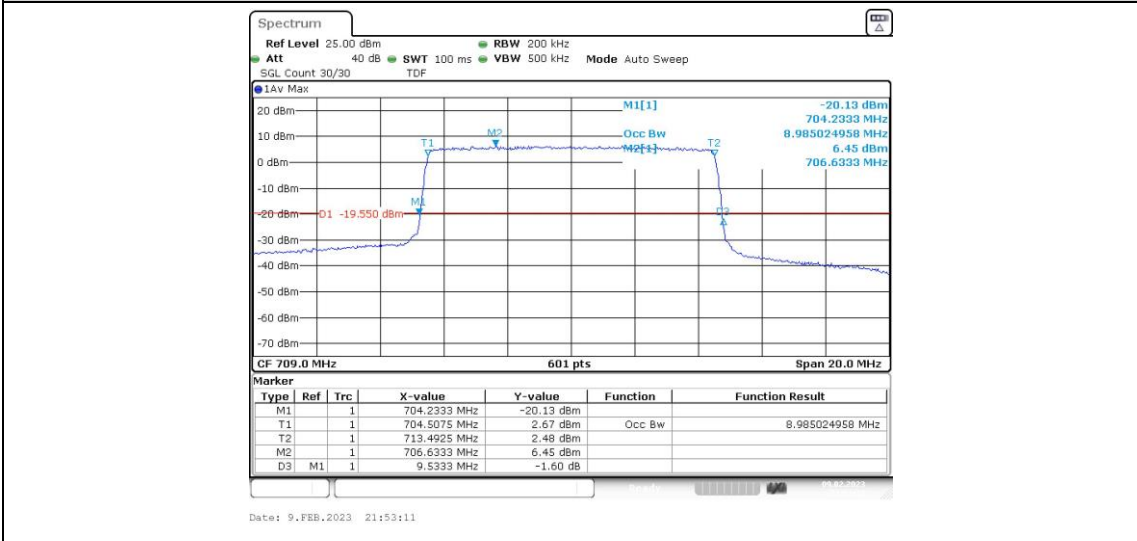
Band17-5MHz-16QAM-23790-25RB#0



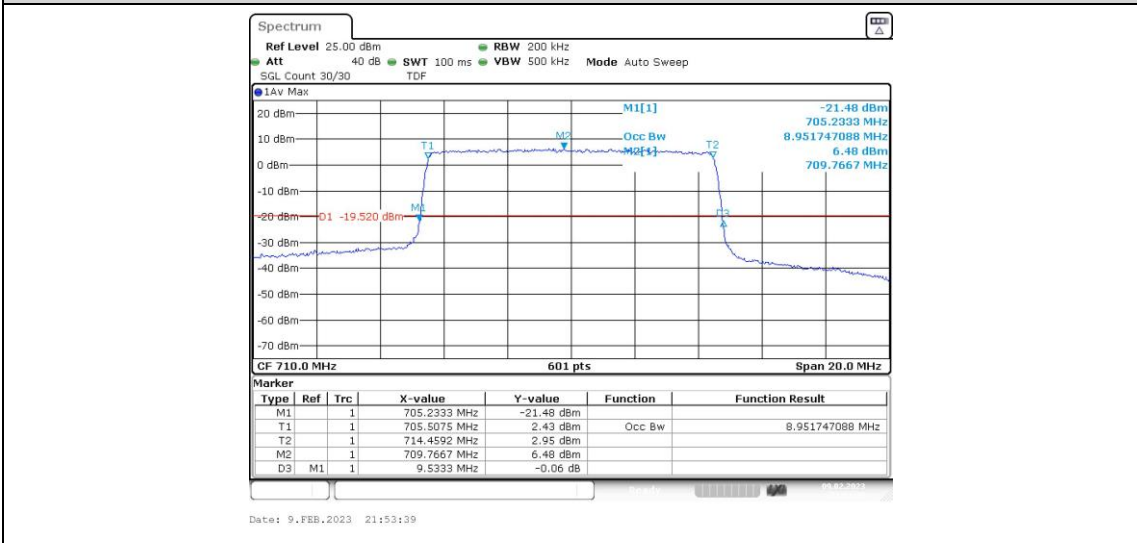
Band17-5MHz-16QAM-23825-25RB#0



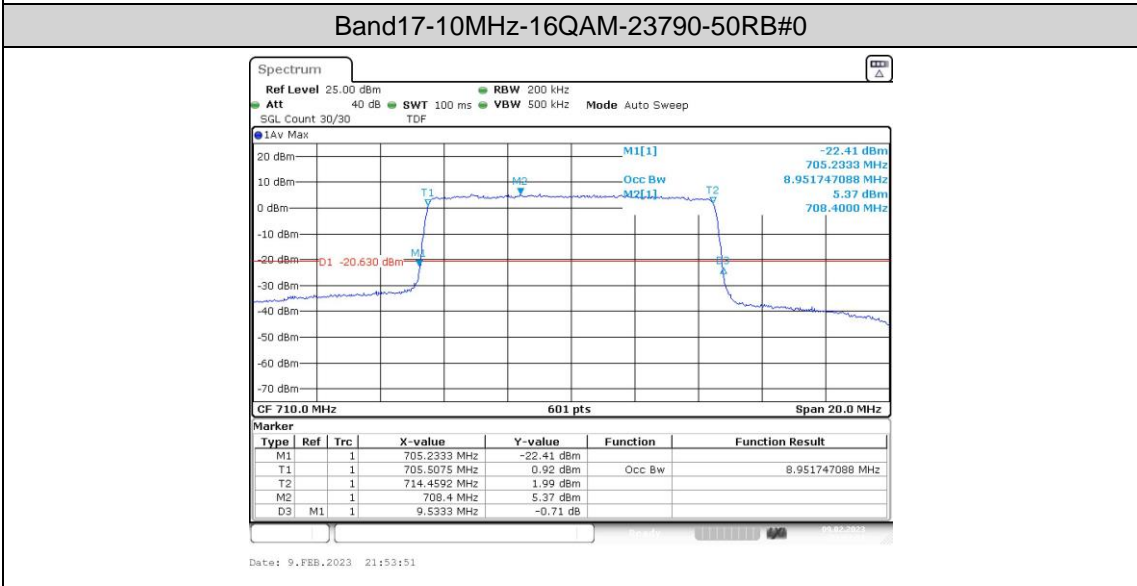
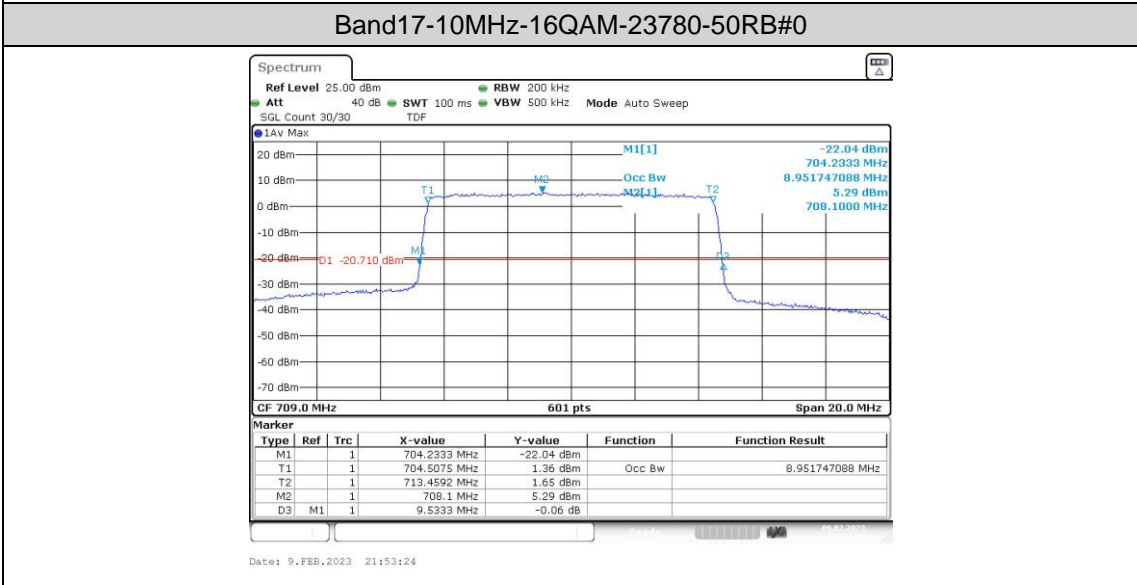
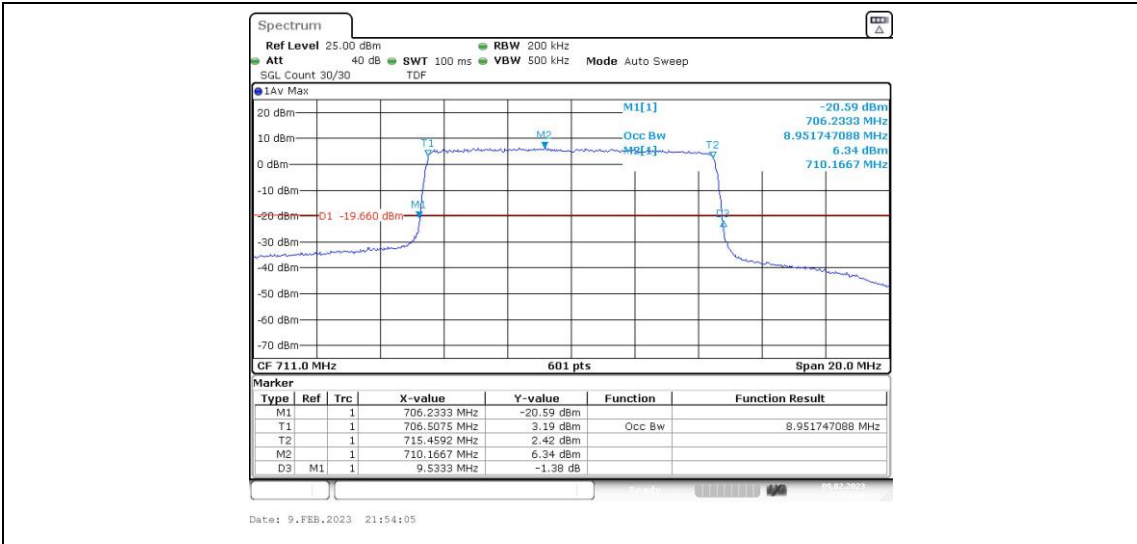
Band17-10MHz-QPSK-23780-50RB#0



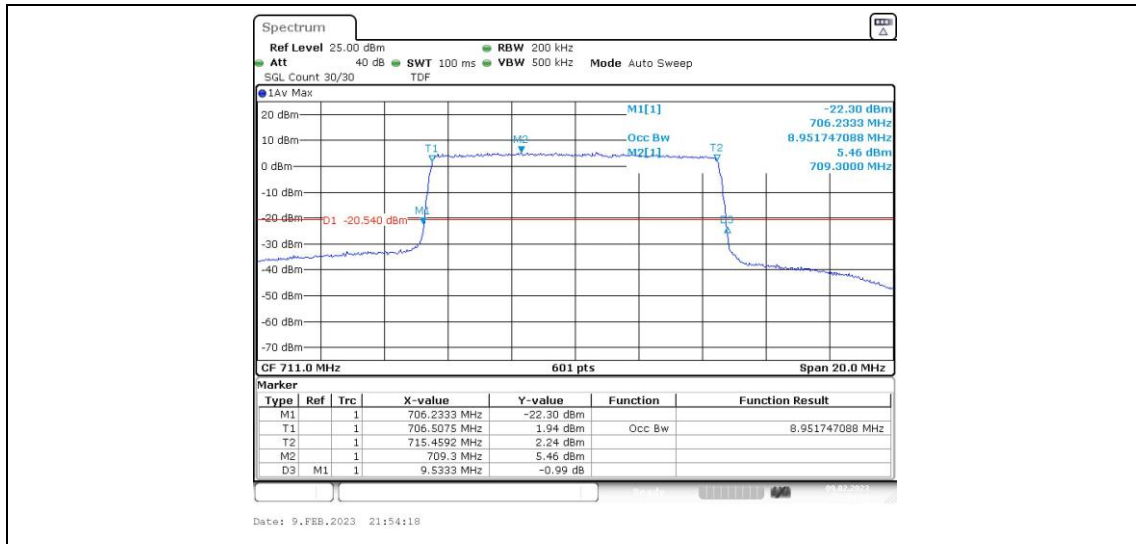
Band17-10MHz-QPSK-23790-50RB#0



Band17-10MHz-QPSK-23800-50RB#0



**Band17-10MHz-16QAM-23800-50RB#0**

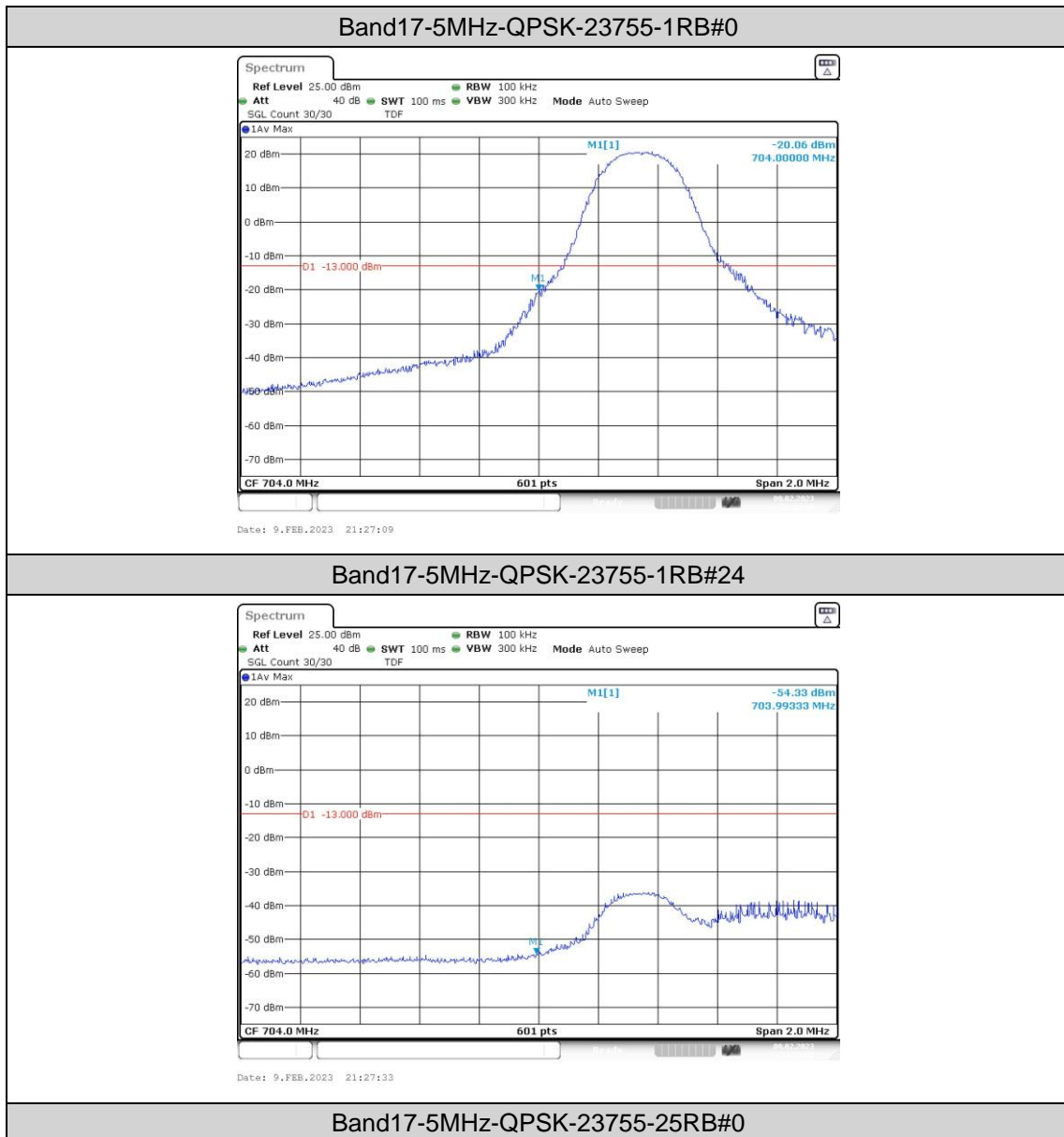


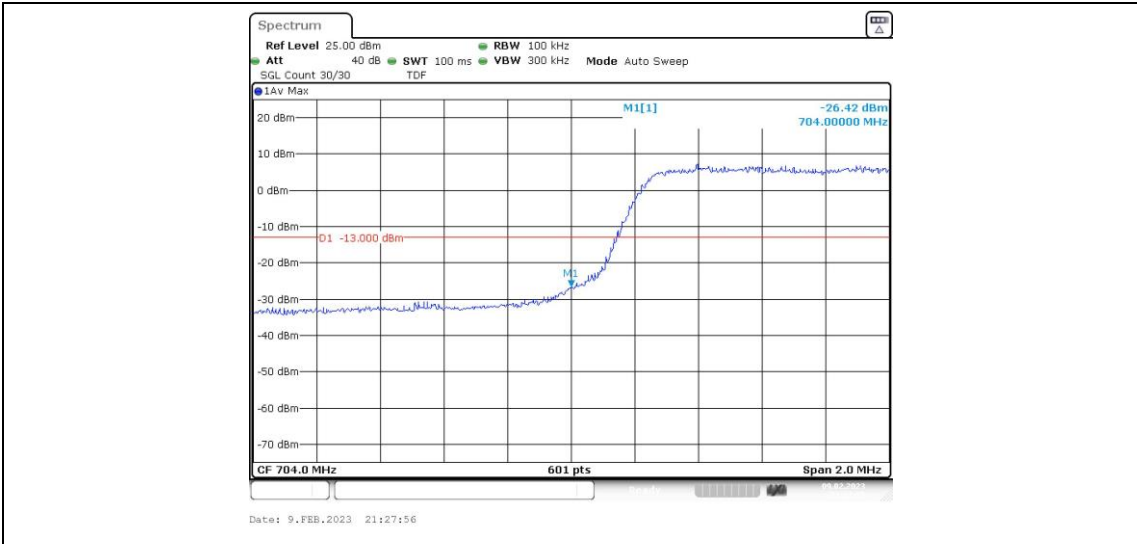
## Appendix D: Band Edge

### Test Result

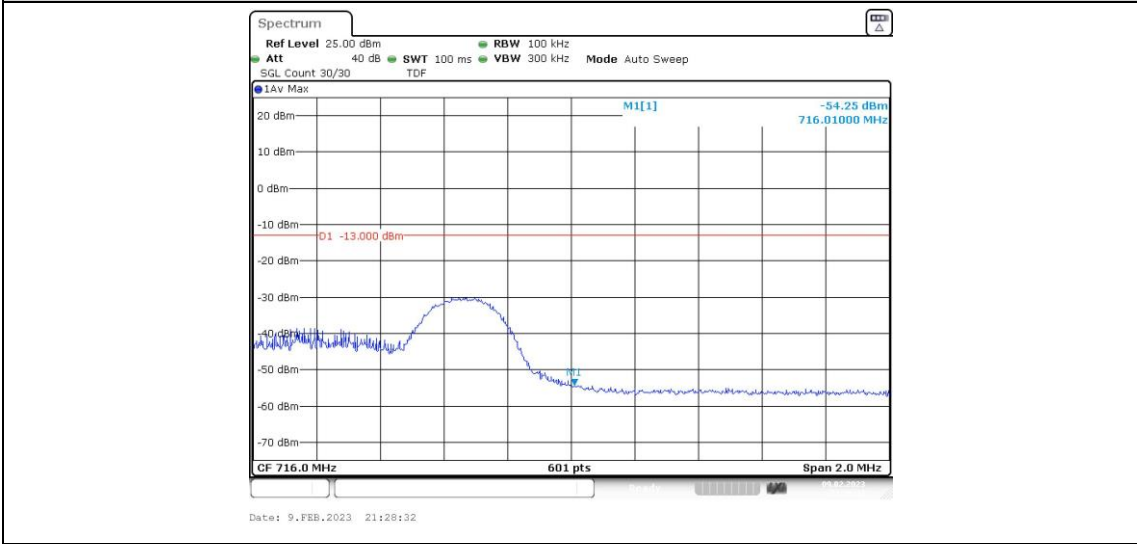
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-20.06	PASS
Band17	5MHz	QPSK	23755	1RB#24	-54.33	PASS
Band17	5MHz	QPSK	23755	25RB#0	-26.42	PASS
Band17	5MHz	QPSK	23825	1RB#0	-54.25	PASS
Band17	5MHz	QPSK	23825	1RB#24	-20.30	PASS
Band17	5MHz	QPSK	23825	25RB#0	-29.29	PASS
Band17	5MHz	16QAM	23755	1RB#0	-23.01	PASS
Band17	5MHz	16QAM	23755	1RB#24	-54.47	PASS
Band17	5MHz	16QAM	23755	25RB#0	-29.11	PASS
Band17	5MHz	16QAM	23825	1RB#0	-54.69	PASS
Band17	5MHz	16QAM	23825	1RB#24	-23.80	PASS
Band17	5MHz	16QAM	23825	25RB#0	-30.27	PASS
Band17	10MHz	QPSK	23780	1RB#0	-34.13,-28.72	PASS
Band17	10MHz	QPSK	23780	1RB#49	-50.57,-49.34	PASS
Band17	10MHz	QPSK	23780	50RB#0	-30.19,-28.88	PASS
Band17	10MHz	QPSK	23800	1RB#0	-49.55,-51.33	PASS
Band17	10MHz	QPSK	23800	1RB#49	-30.52,-36.24	PASS
Band17	10MHz	QPSK	23800	50RB#0	-32.85,-34.16	PASS
Band17	10MHz	16QAM	23780	1RB#0	-36.25,-30.29	PASS
Band17	10MHz	16QAM	23780	1RB#49	-50.65,-50.54	PASS
Band17	10MHz	16QAM	23780	50RB#0	-31.37,-30.53	PASS
Band17	10MHz	16QAM	23800	1RB#0	-52.69,-53.01	PASS
Band17	10MHz	16QAM	23800	1RB#49	-29.49,-35.44	PASS
Band17	10MHz	16QAM	23800	50RB#0	-34.22,-35.61	PASS

### Test Graphs

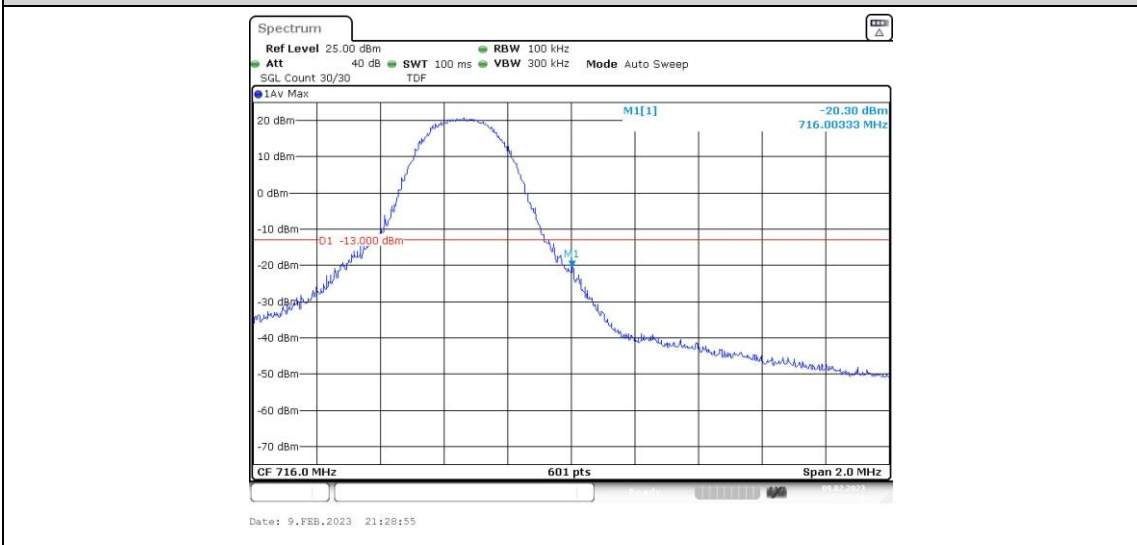




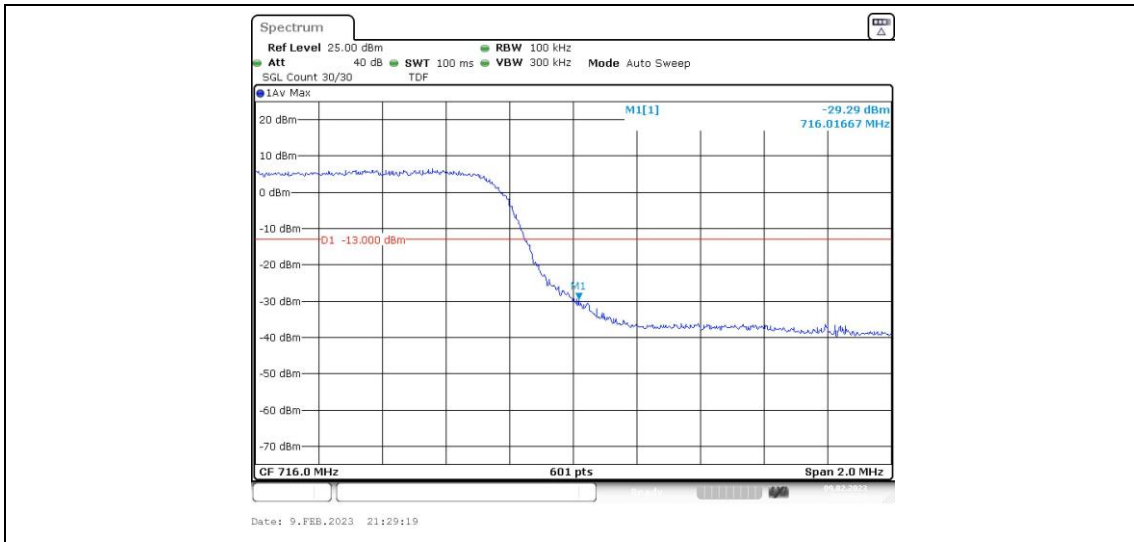
Band17-5MHz-QPSK-23825-1RB#0



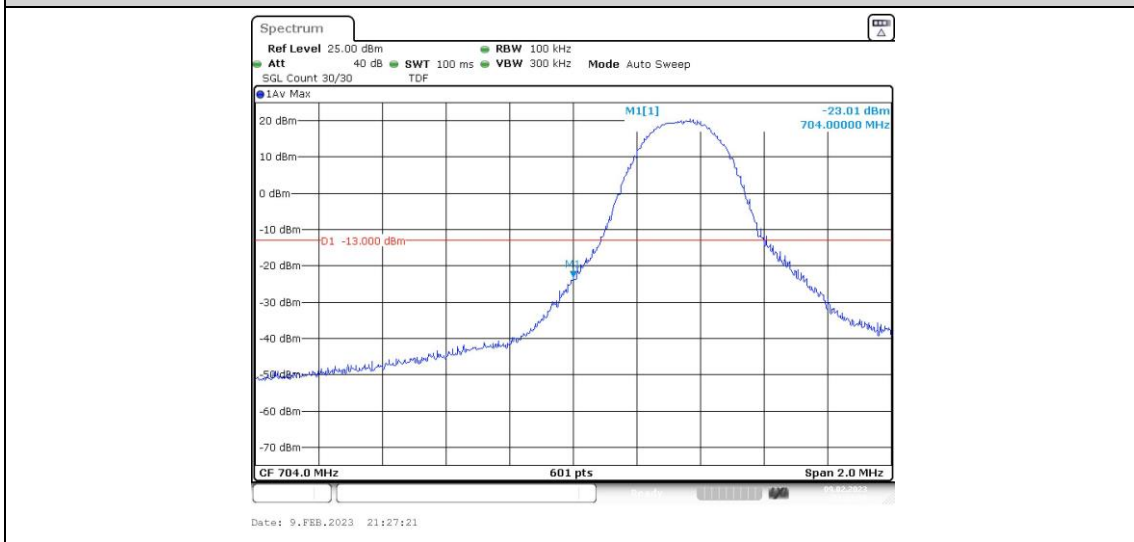
Band17-5MHz-QPSK-23825-1RB#24



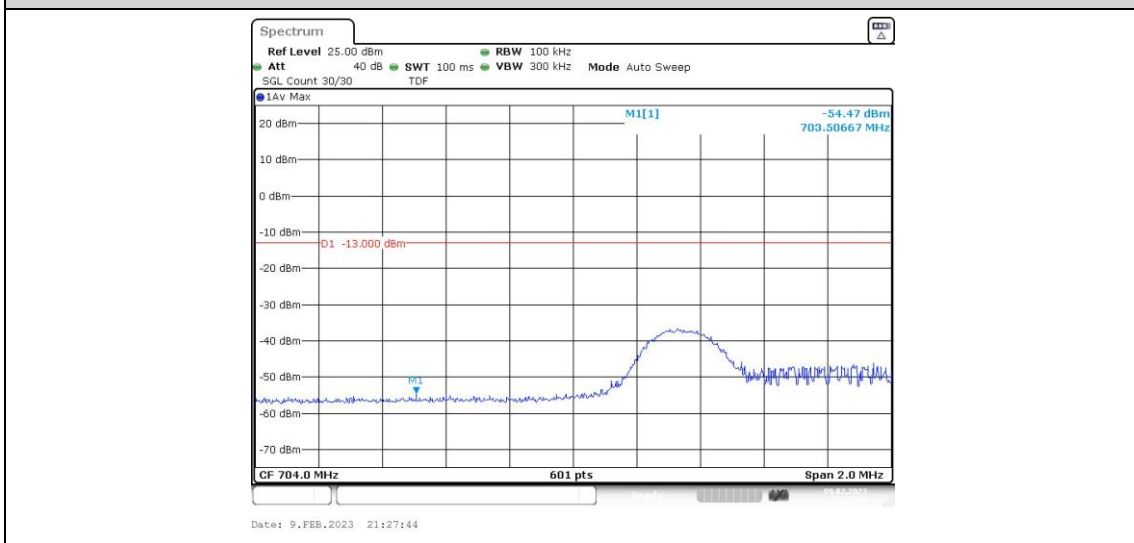
Band17-5MHz-QPSK-23825-25RB#0



**Band17-5MHz-16QAM-23755-1RB#0**

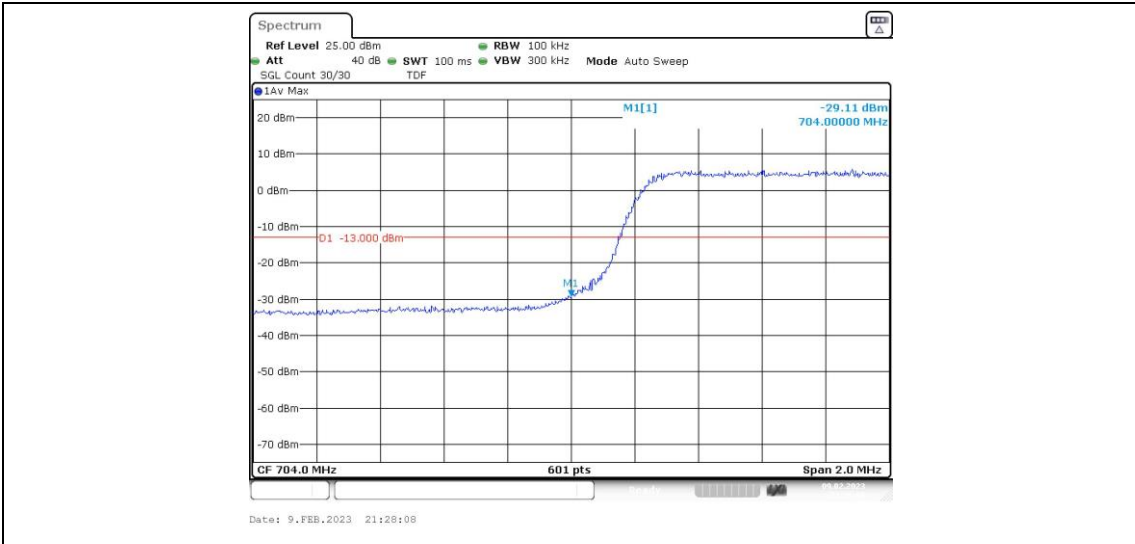


**Band17-5MHz-16QAM-23755-1RB#24**

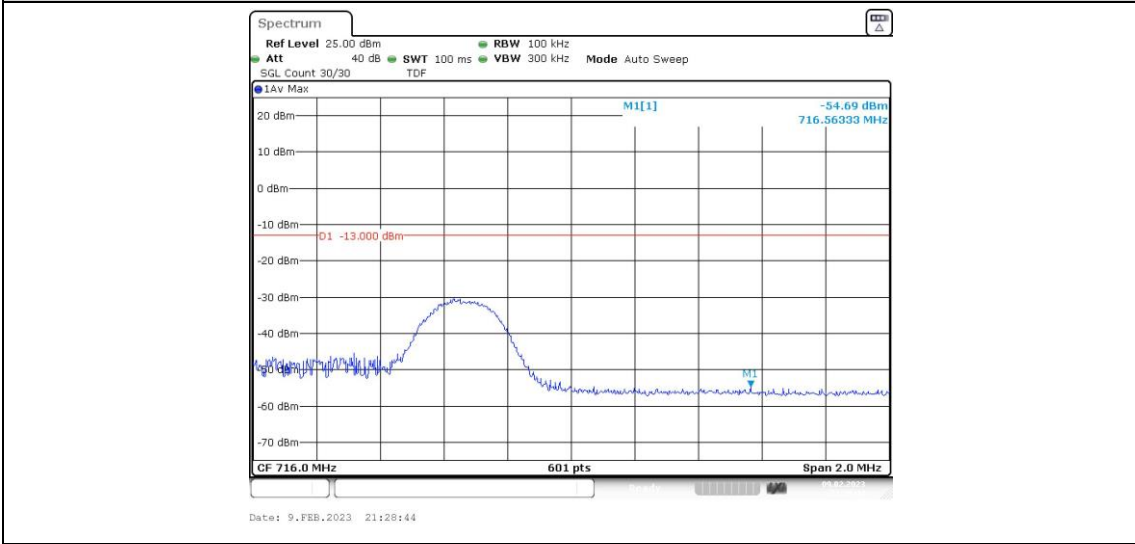


**Band17-5MHz-16QAM-23755-25RB#0**

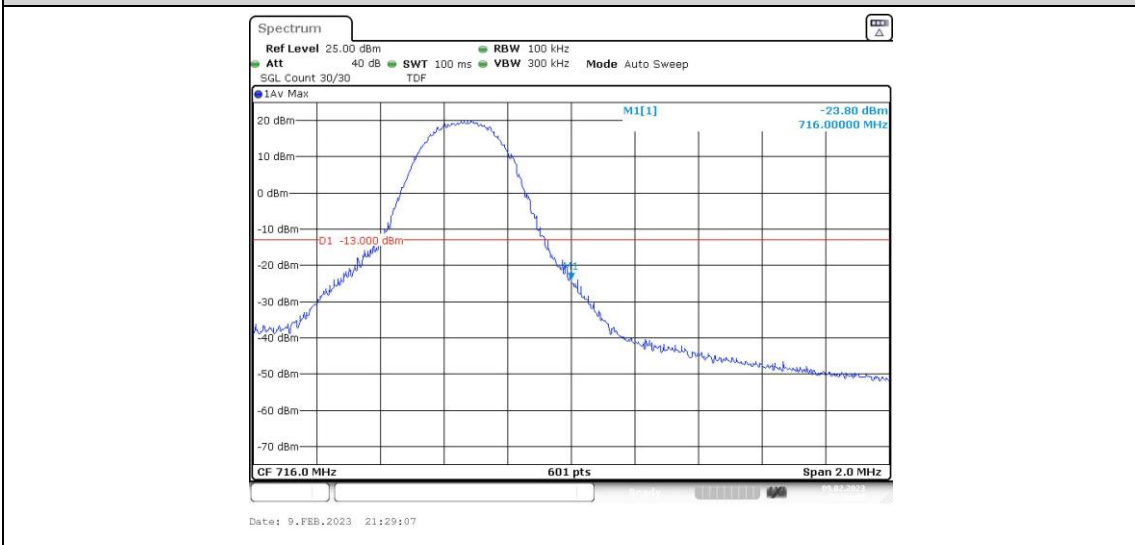




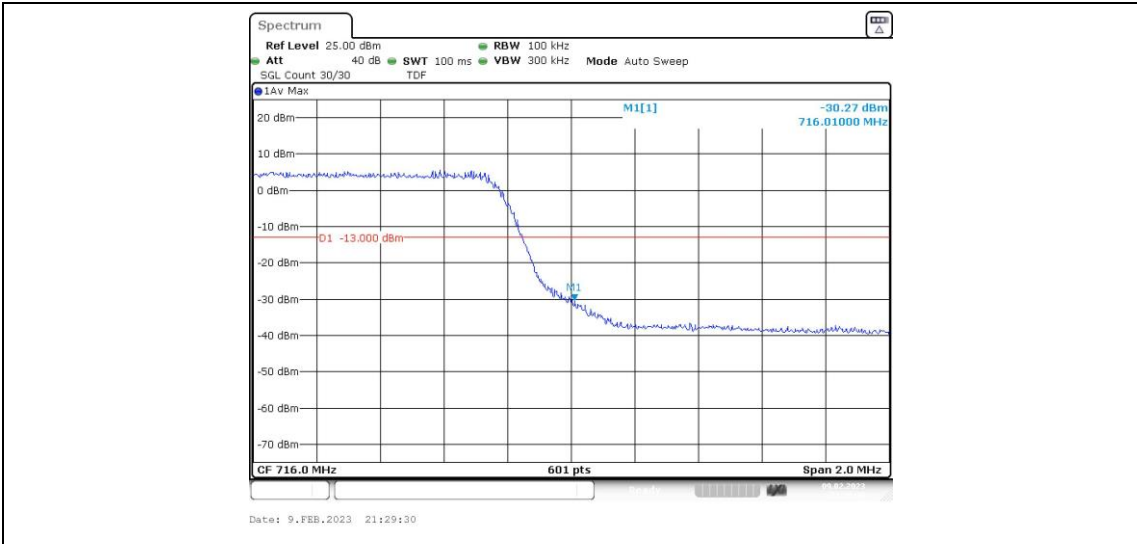
Band17-5MHz-16QAM-23825-1RB#0



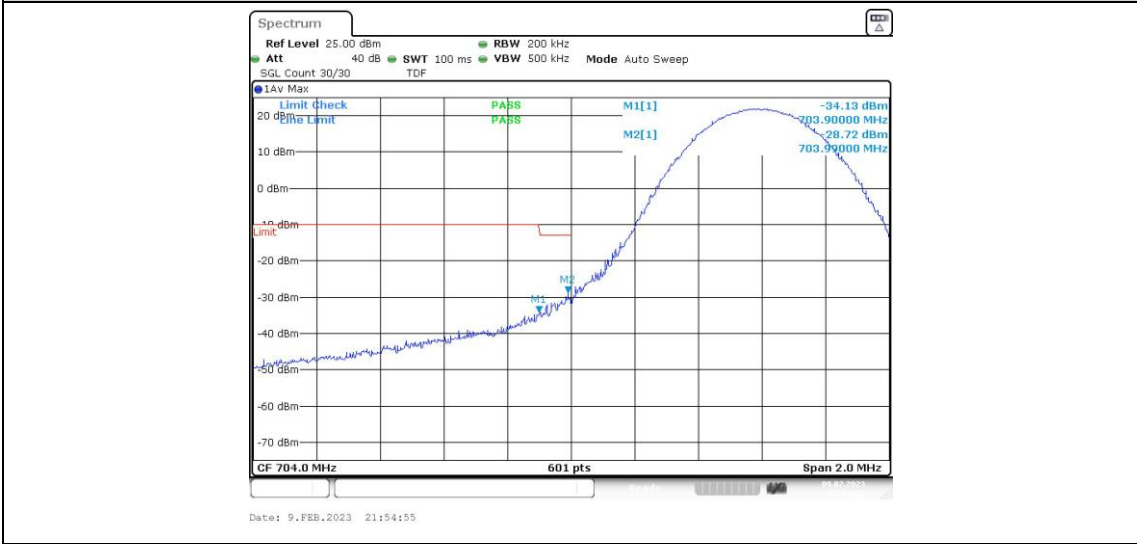
Band17-5MHz-16QAM-23825-1RB#24



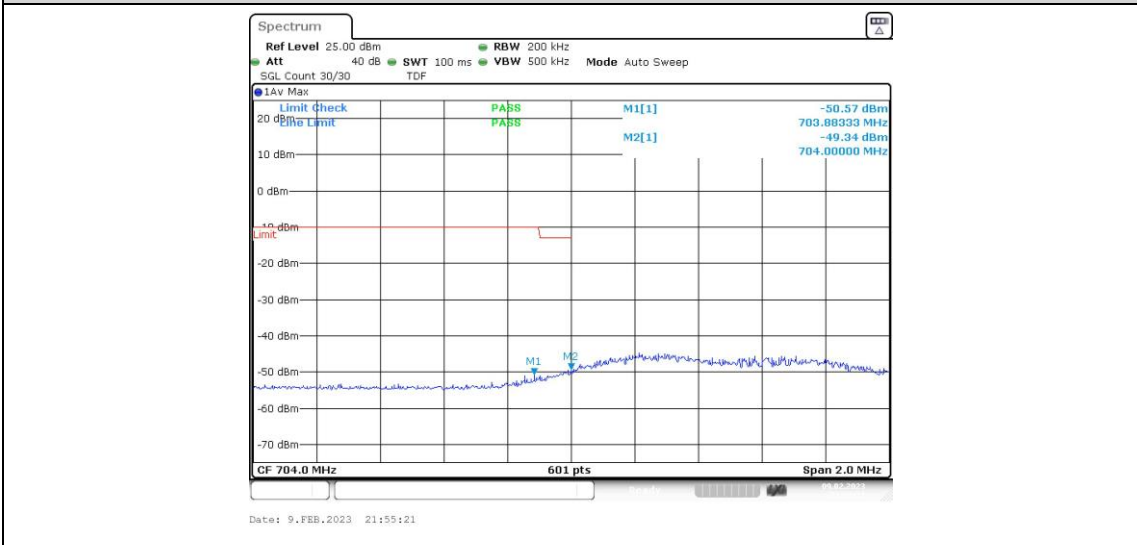
Band17-5MHz-16QAM-23825-25RB#0



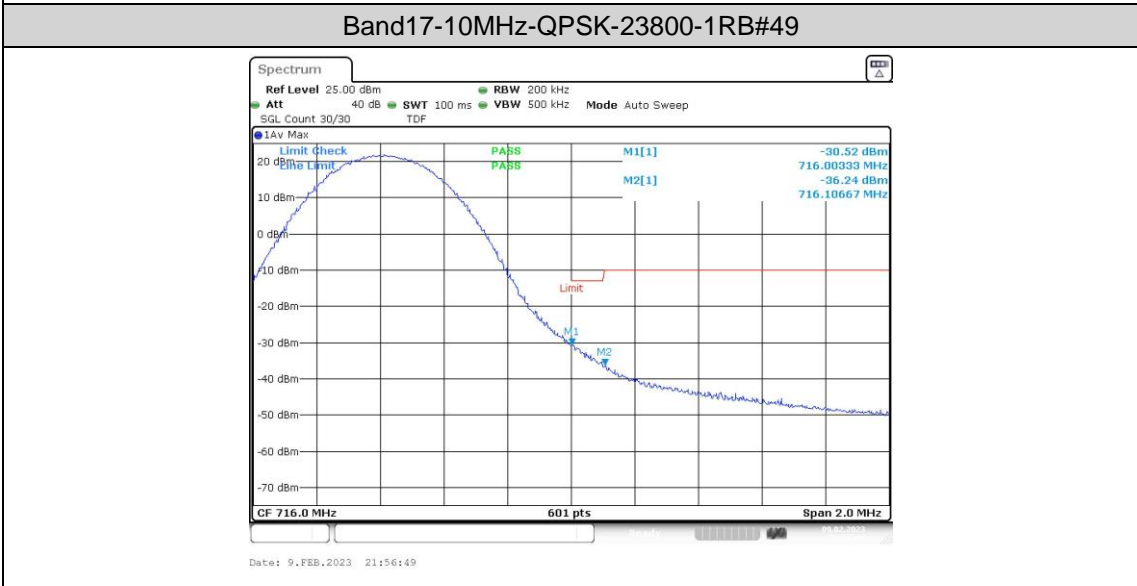
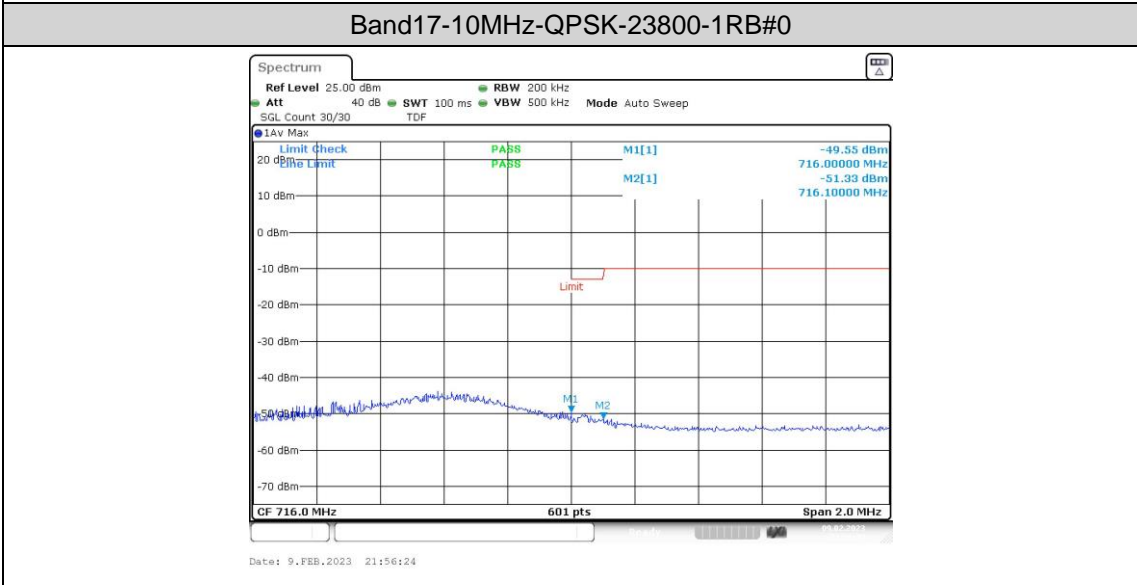
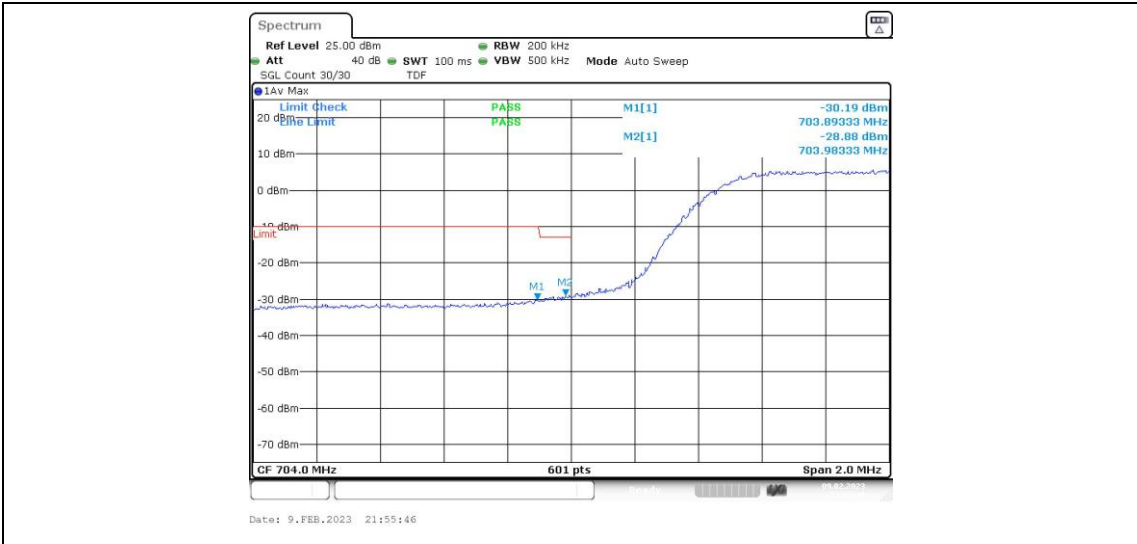
**Band17-10MHz-QPSK-23780-1RB#0**

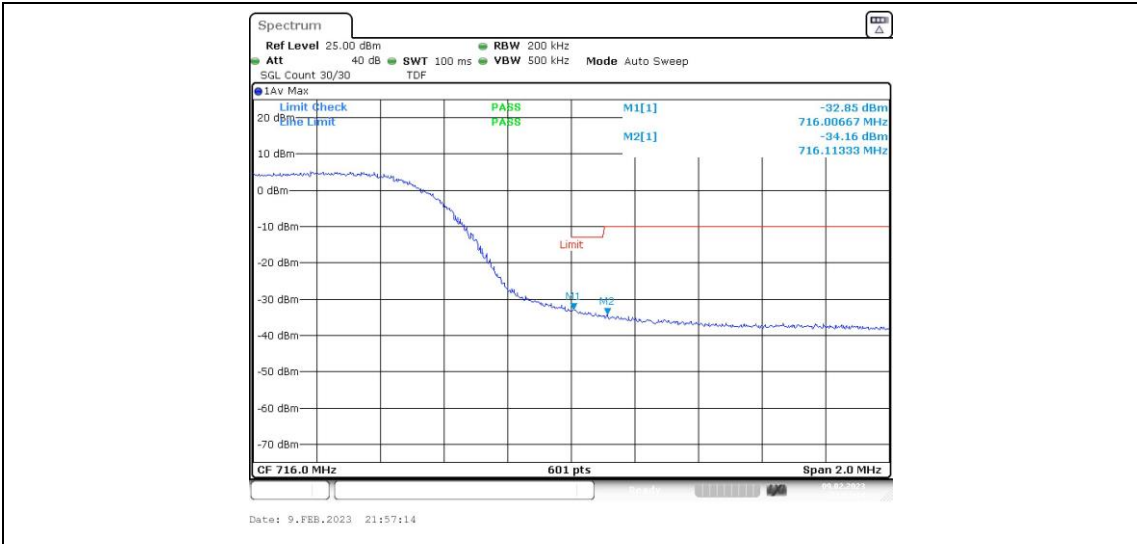


**Band17-10MHz-QPSK-23780-1RB#49**

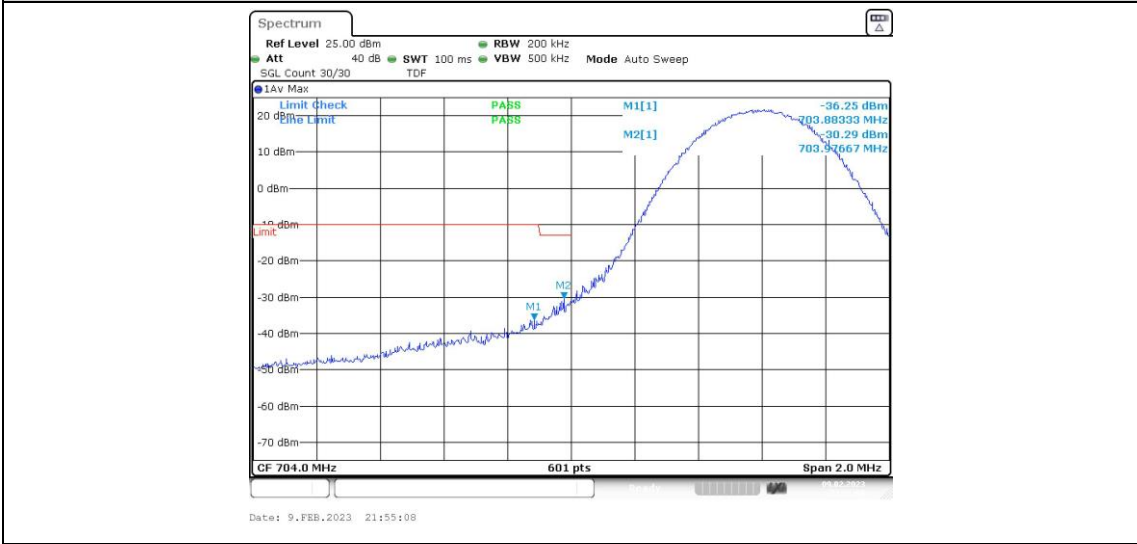


**Band17-10MHz-QPSK-23780-50RB#0**

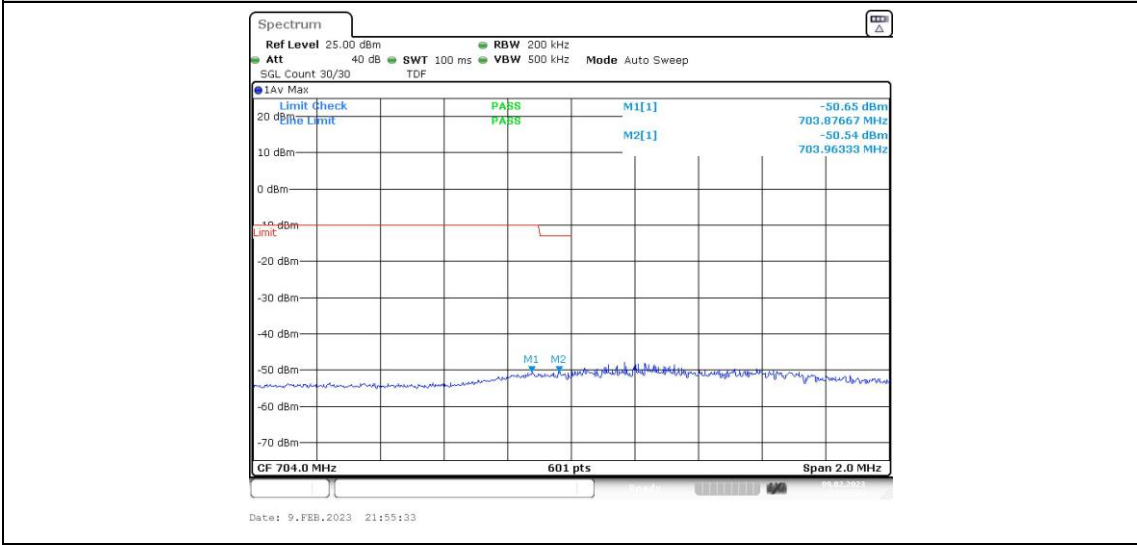




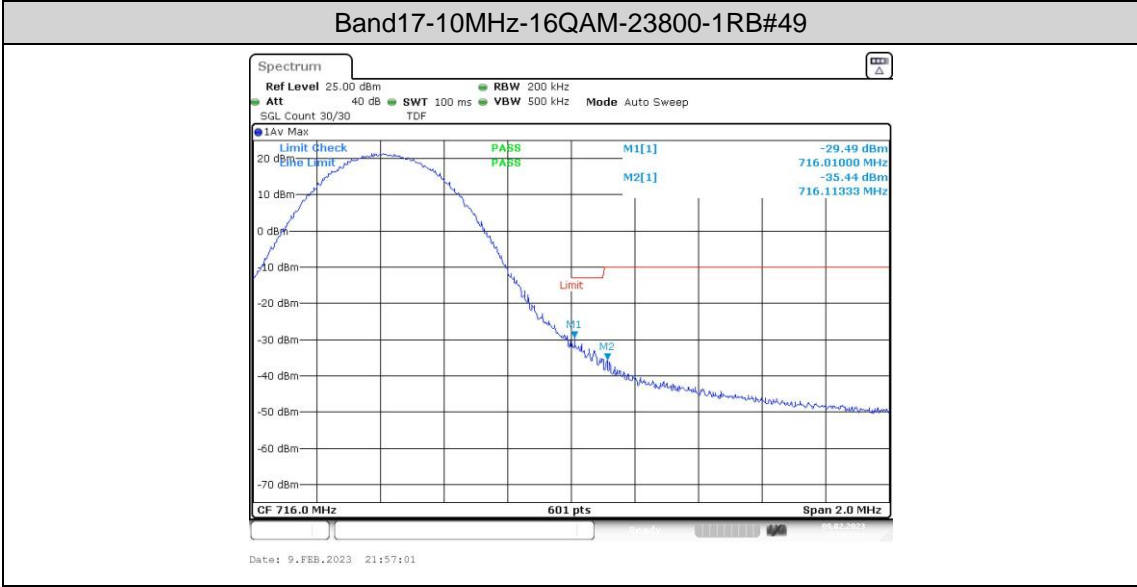
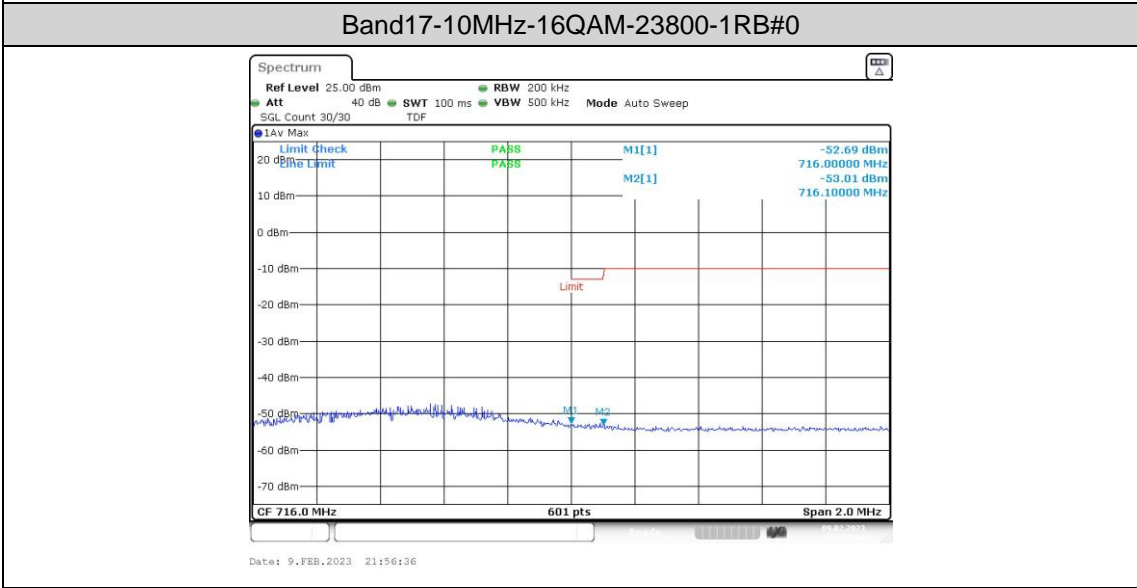
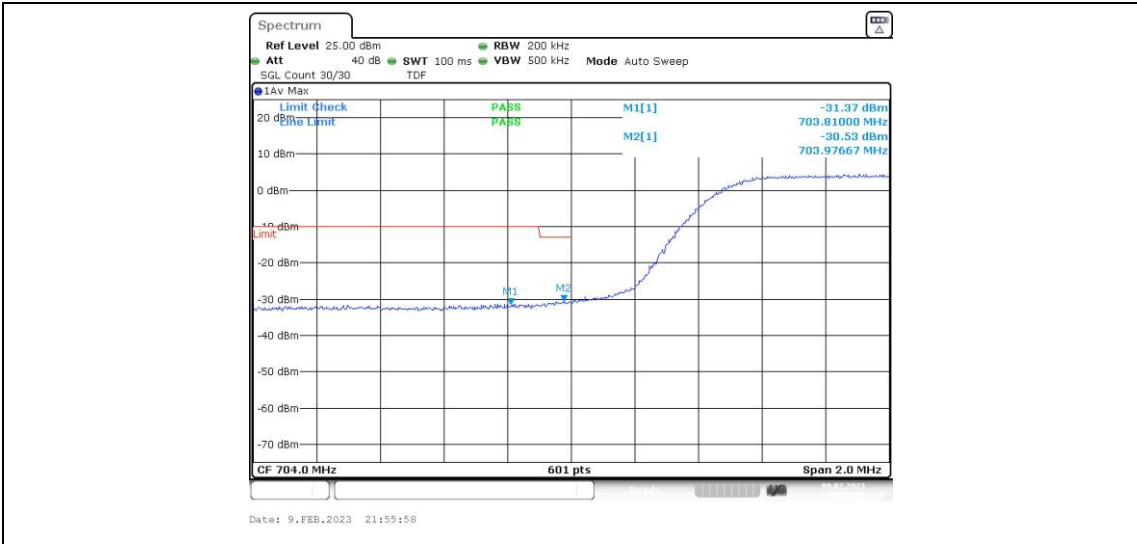
**Band17-10MHz-16QAM-23780-1RB#0**

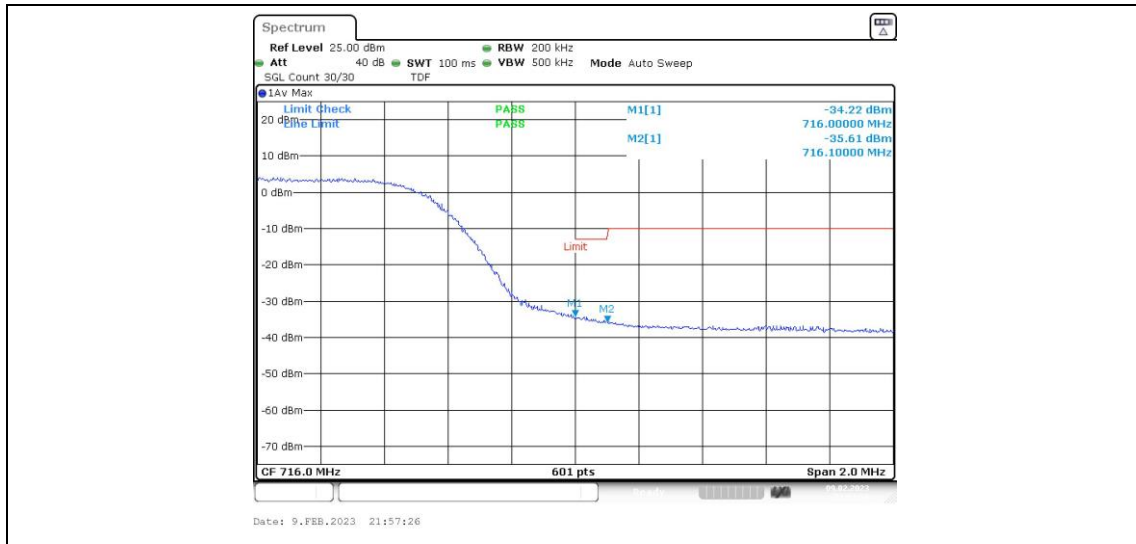


**Band17-10MHz-16QAM-23780-1RB#49**



**Band17-10MHz-16QAM-23780-50RB#0**





## Appendix E: Conducted Spurious Emission

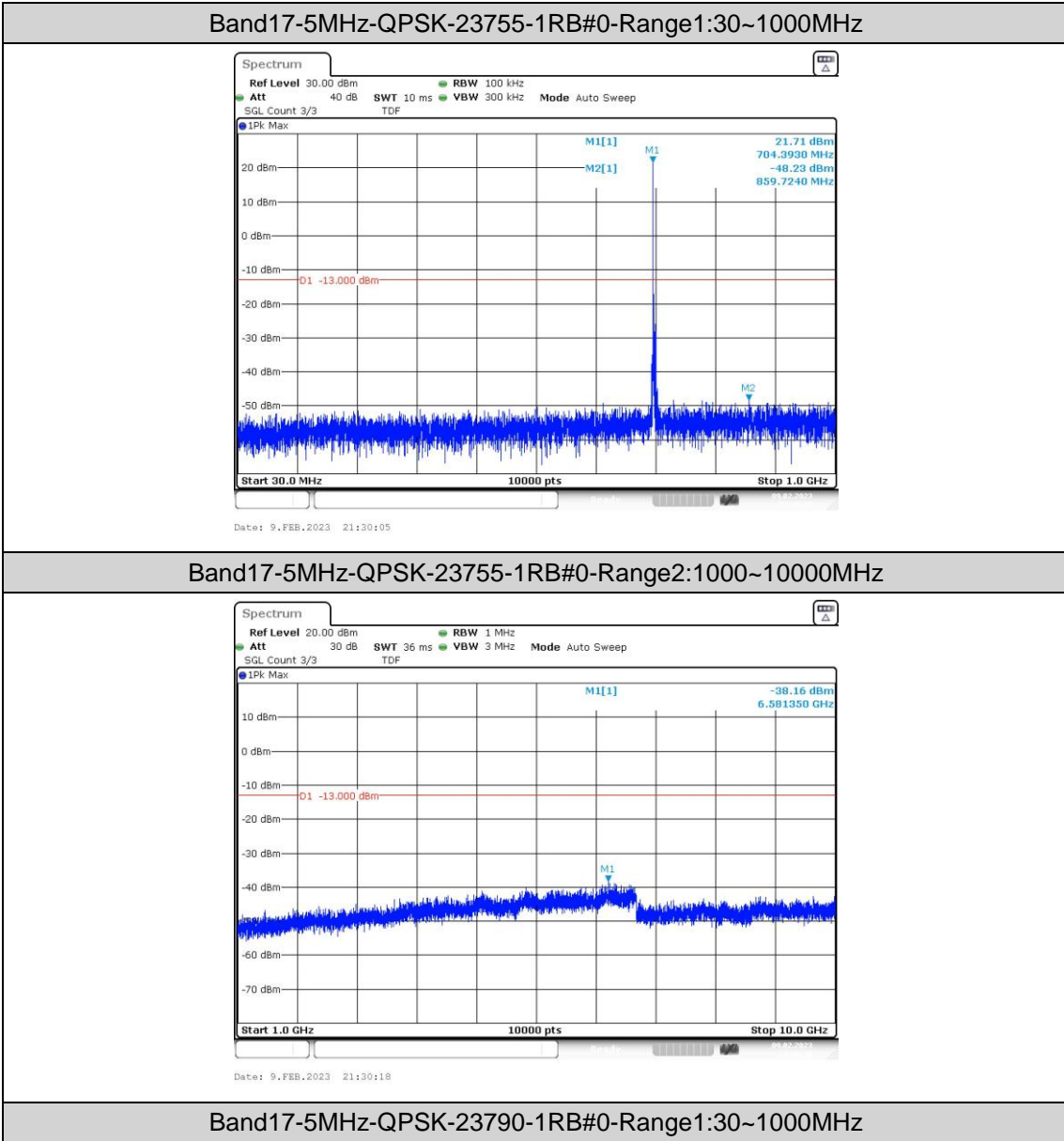
### Test Result

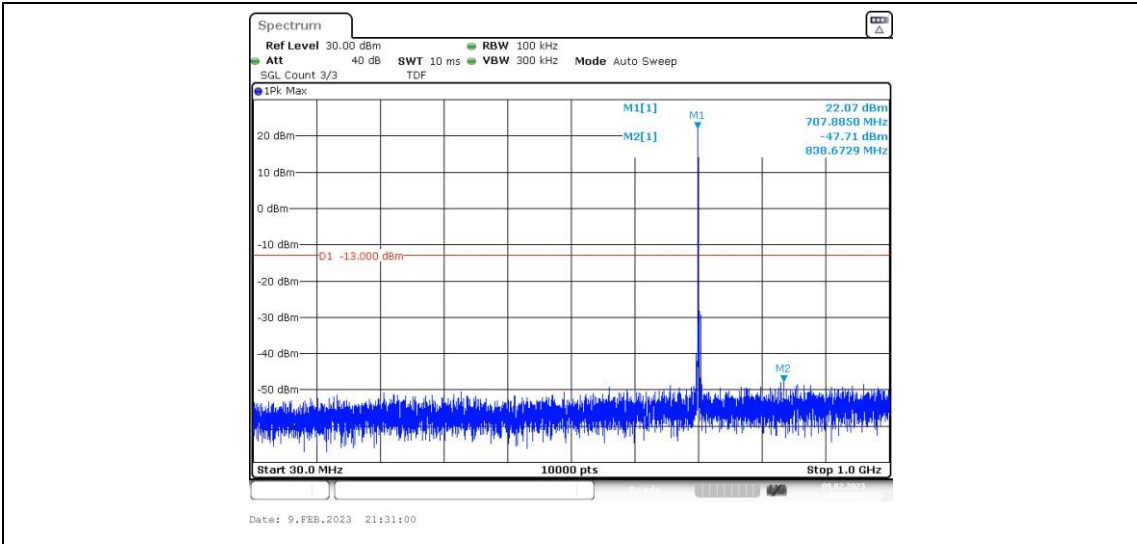
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band1 7	5MHz	QPSK	23755	1RB#0	Range1:30~1000MHz	-48.2 3	PAS S
Band1 7	5MHz	QPSK	23755	1RB#0	Range2:1000~10000MHz	-38.1 6	PAS S
Band1 7	5MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-47.7 1	PAS S
Band1 7	5MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-39.1 8	PAS S
Band1 7	5MHz	QPSK	23825	1RB#0	Range1:30~1000MHz	-48.1 7	PAS S
Band1 7	5MHz	QPSK	23825	1RB#0	Range2:1000~10000MHz	-39.1 5	PAS S
Band1 7	5MHz	16QAM	23755	1RB#0	Range1:30~1000MHz	-47.6 3	PAS S
Band1 7	5MHz	16QAM	23755	1RB#0	Range2:1000~10000MHz	-38.8 8	PAS S
Band1 7	5MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-47.1 5	PAS S
Band1 7	5MHz	16QAM	23790	1RB#0	Range2:1000~10000MHz	-38 9	PAS S
Band1 7	5MHz	16QAM	23825	1RB#0	Range1:30~1000MHz	-48.6 4	PAS S
Band1 7	5MHz	16QAM	23825	1RB#0	Range2:1000~10000MHz	-38.8 6	PAS S
Band1 7	10MHz	QPSK	23780	1RB#0	Range1:30~1000MHz	-48.0 7	PAS S
Band1 7	10MHz	QPSK	23780	1RB#0	Range2:1000~10000MHz	-38.0 9	PAS S
Band1 7	10MHz	QPSK	23790	1RB#0	Range1:30~1000MHz	-48.5 4	PAS S
Band1 7	10MHz	QPSK	23790	1RB#0	Range2:1000~10000MHz	-39.3 6	PAS S
Band1 7	10MHz	QPSK	23800	1RB#0	Range1:30~1000MHz	-47.7 8	PAS S

Band1 7	10MHz	QPSK	23800	1RB#0	Range2:1000~10000M Hz	-39.1 3	PAS S
Band1 7	10MHz	16QAM	23780	1RB#0	Range1:30~1000MHz	-48.0 8	PAS S
Band1 7	10MHz	16QAM	23780	1RB#0	Range2:1000~10000M Hz	-38.8 1	PAS S
Band1 7	10MHz	16QAM	23790	1RB#0	Range1:30~1000MHz	-47.3 3	PAS S
Band1 7	10MHz	16QAM	23790	1RB#0	Range2:1000~10000M Hz	-39.1 4	PAS S
Band1 7	10MHz	16QAM	23800	1RB#0	Range1:30~1000MHz	-48.4 6	PAS S
Band1 7	10MHz	16QAM	23800	1RB#0	Range2:1000~10000M Hz	-38.4 5	PAS S

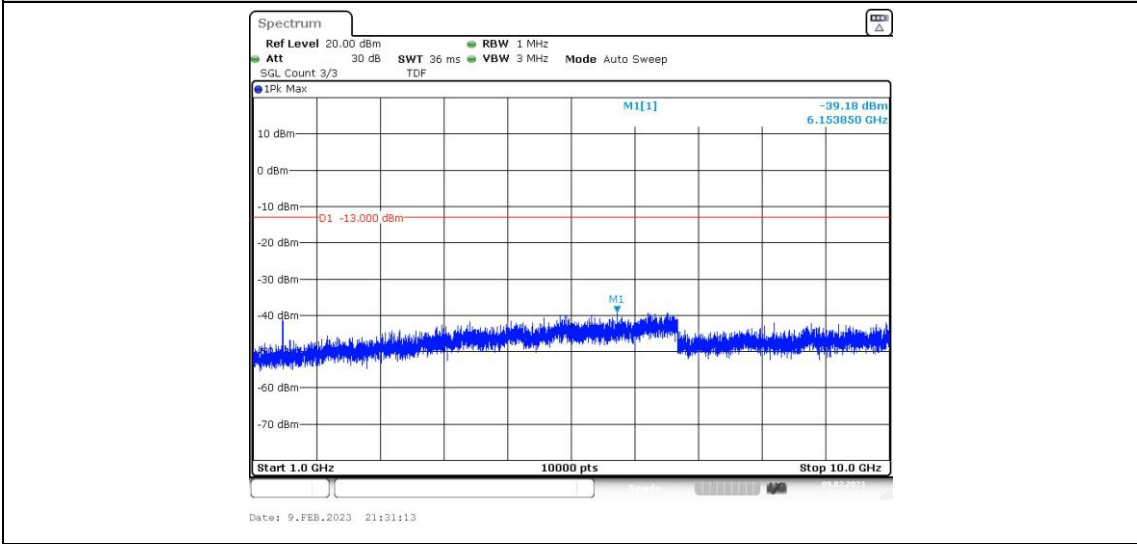


### Test Graphs

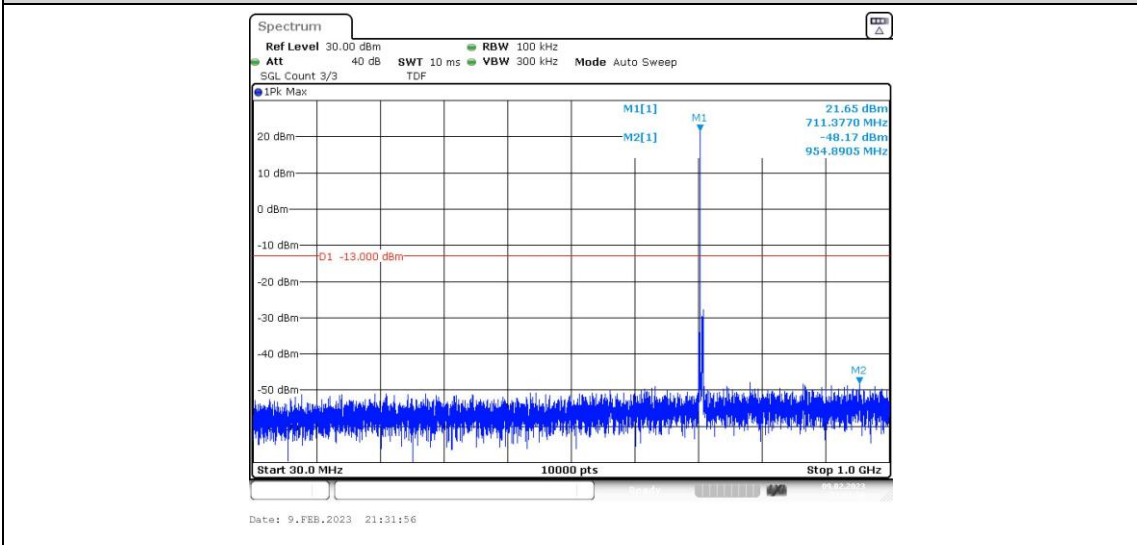




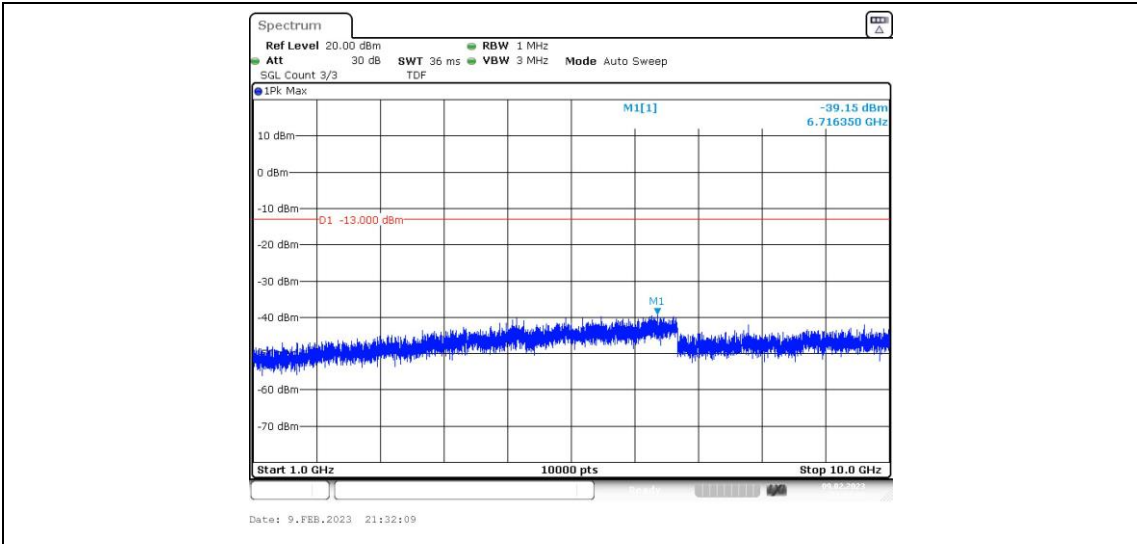
Band17-5MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz



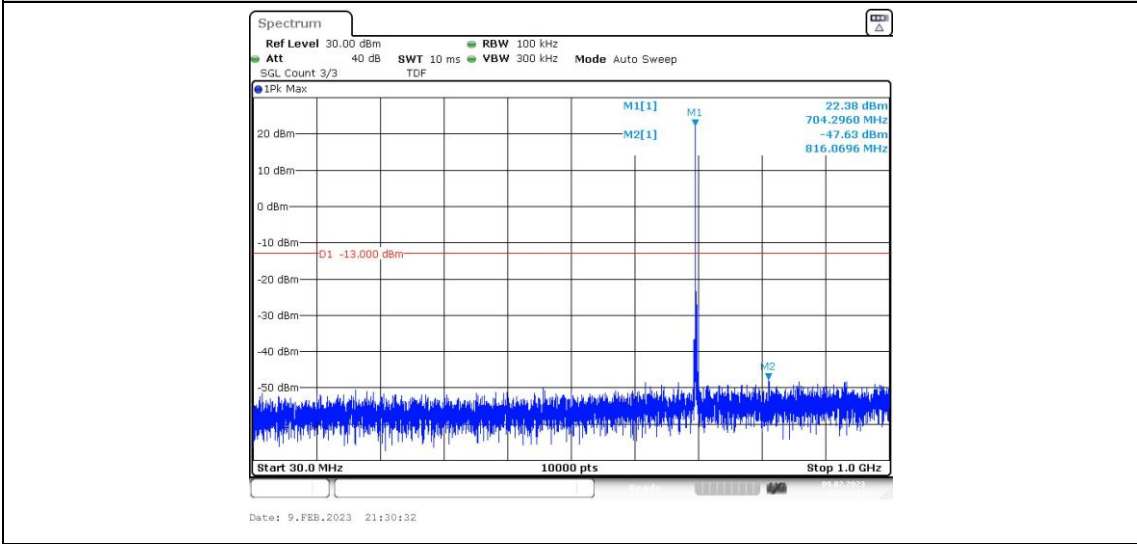
Band17-5MHz-QPSK-23825-1RB#0-Range1:30~1000MHz



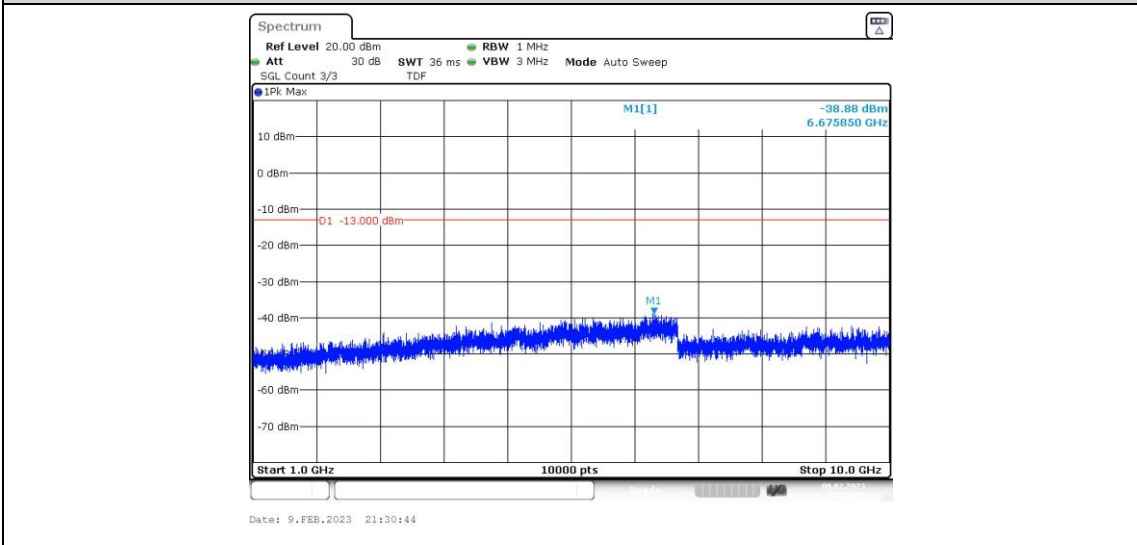
Band17-5MHz-QPSK-23825-1RB#0-Range2:1000~10000MHz



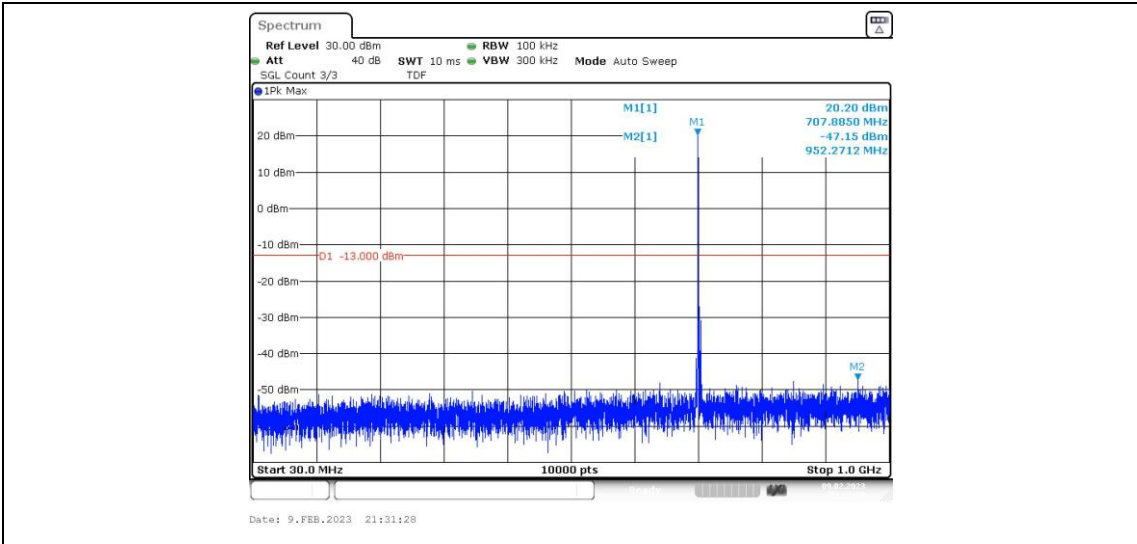
Band17-5MHz-16QAM-23755-1RB#0-Range1:30~1000MHz



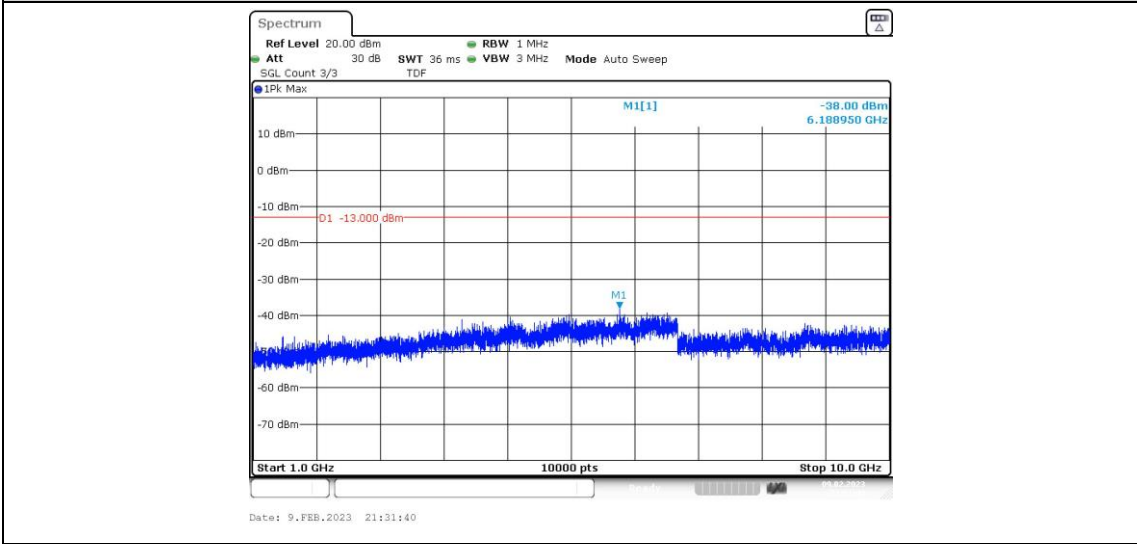
Band17-5MHz-16QAM-23755-1RB#0-Range2:1000~10000MHz



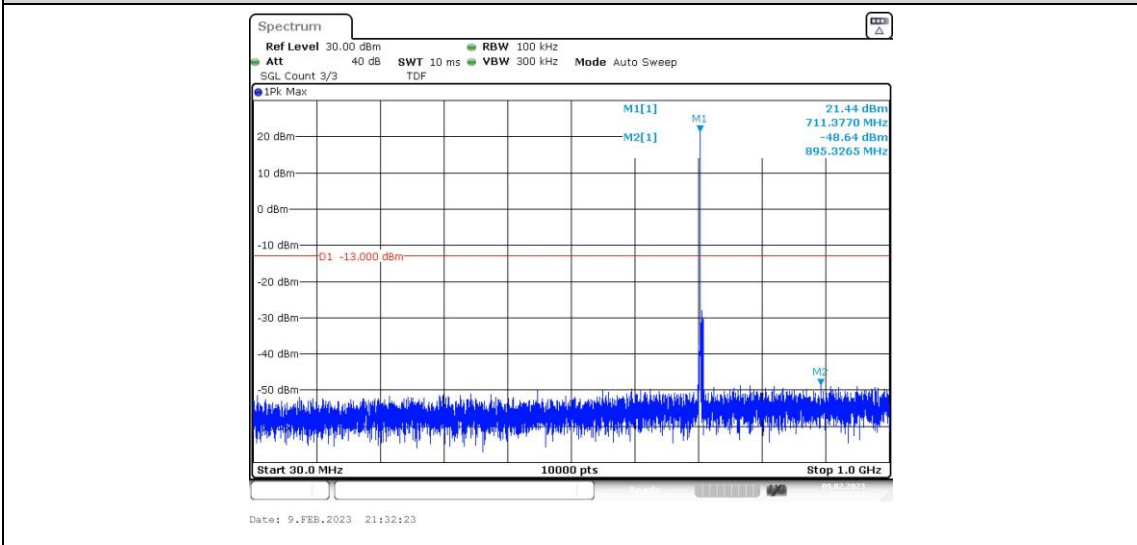
Band17-5MHz-16QAM-23790-1RB#0-Range1:30~1000MHz



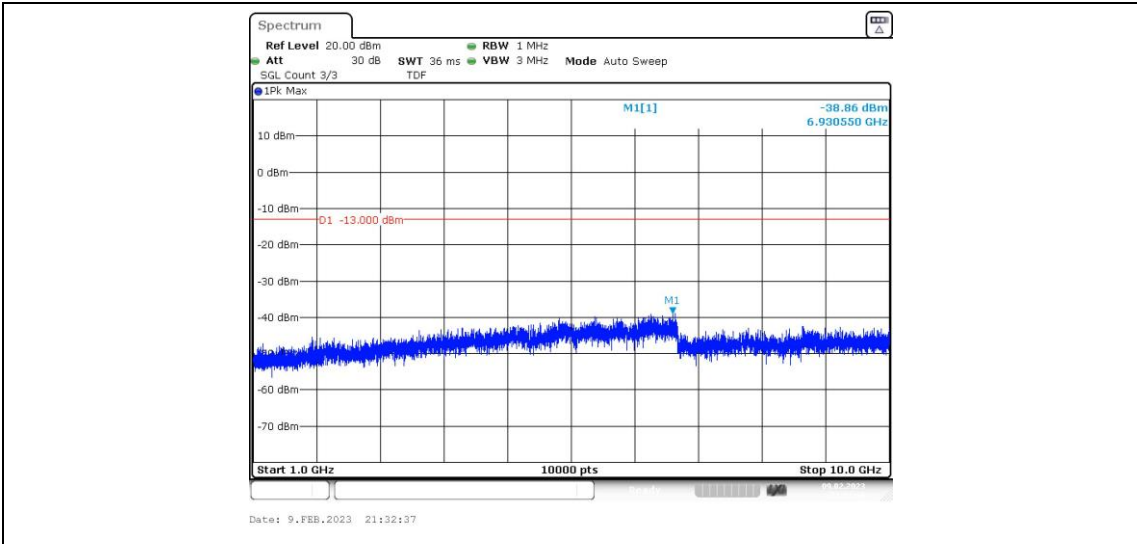
Band17-5MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz



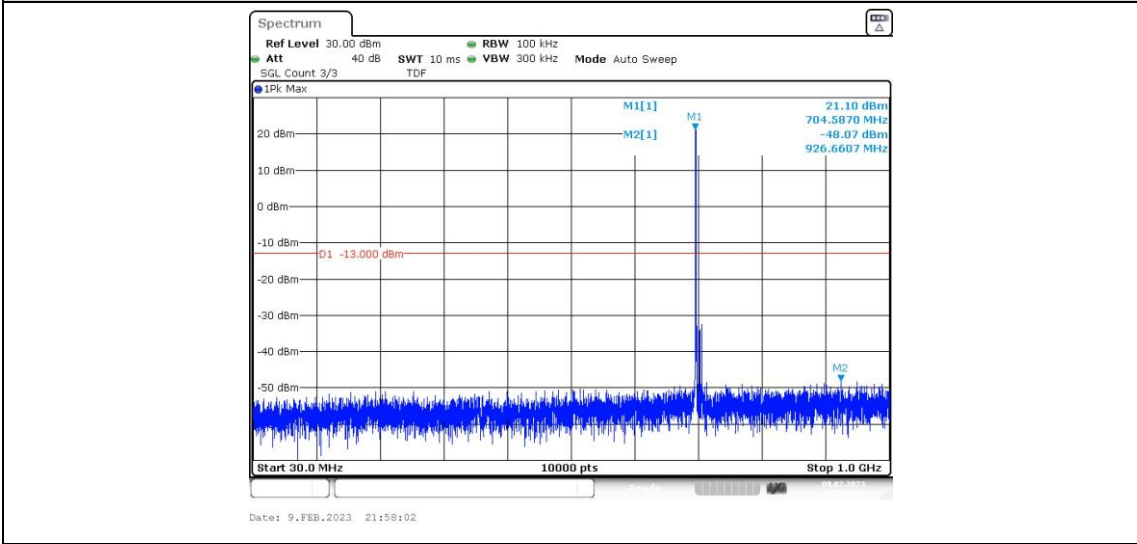
Band17-5MHz-16QAM-23825-1RB#0-Range1:30~1000MHz



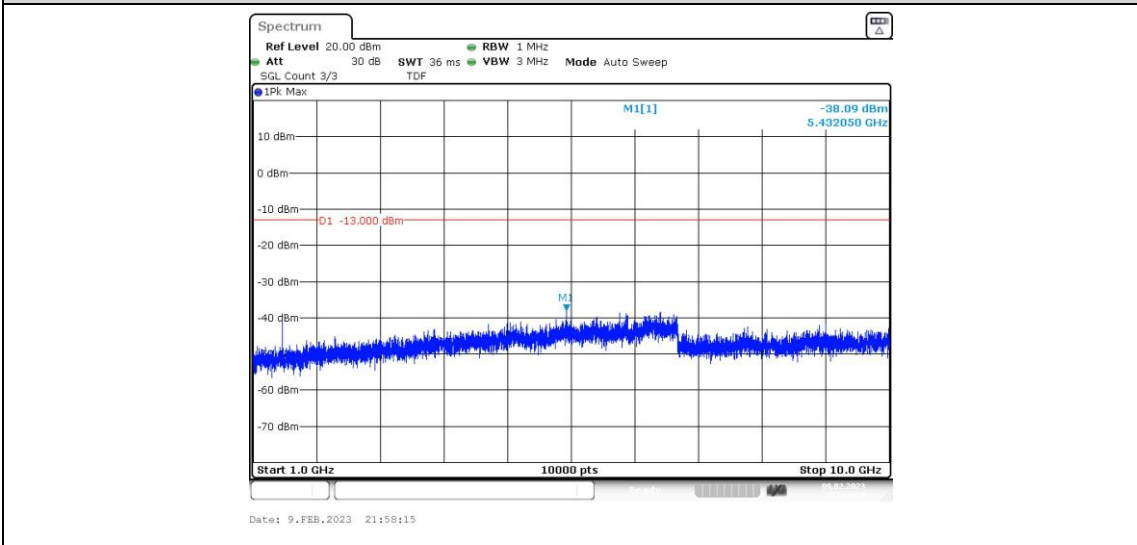
Band17-5MHz-16QAM-23825-1RB#0-Range2:1000~10000MHz



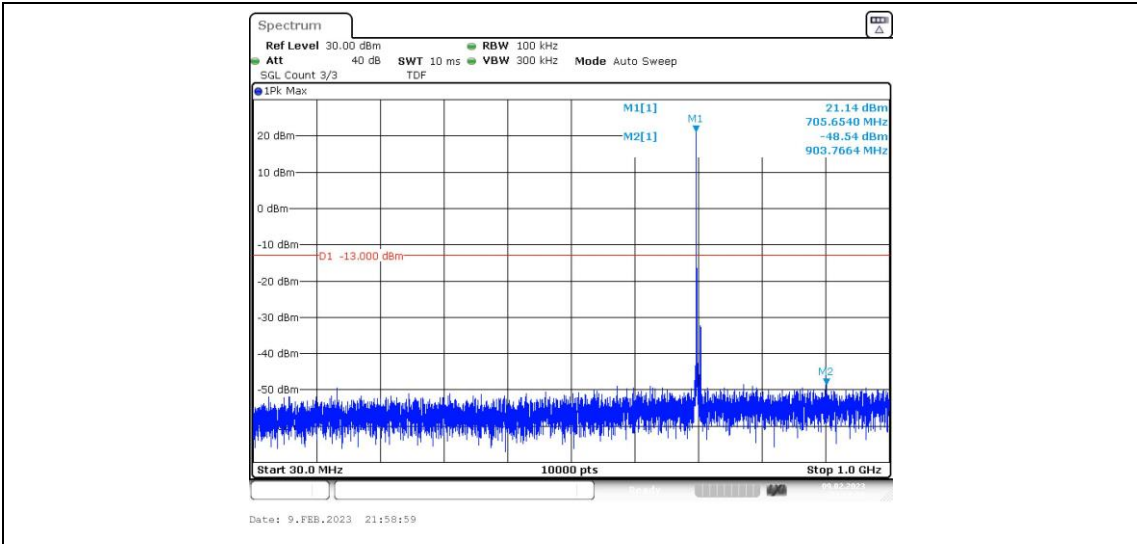
Band17-10MHz-QPSK-23780-1RB#0-Range1:30~1000MHz



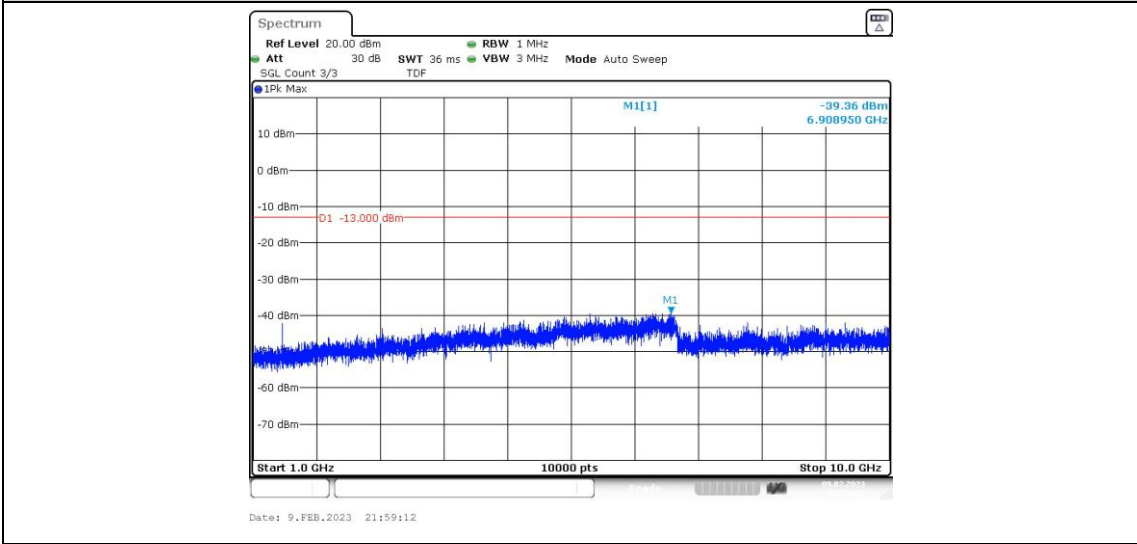
Band17-10MHz-QPSK-23780-1RB#0-Range2:1000~10000MHz



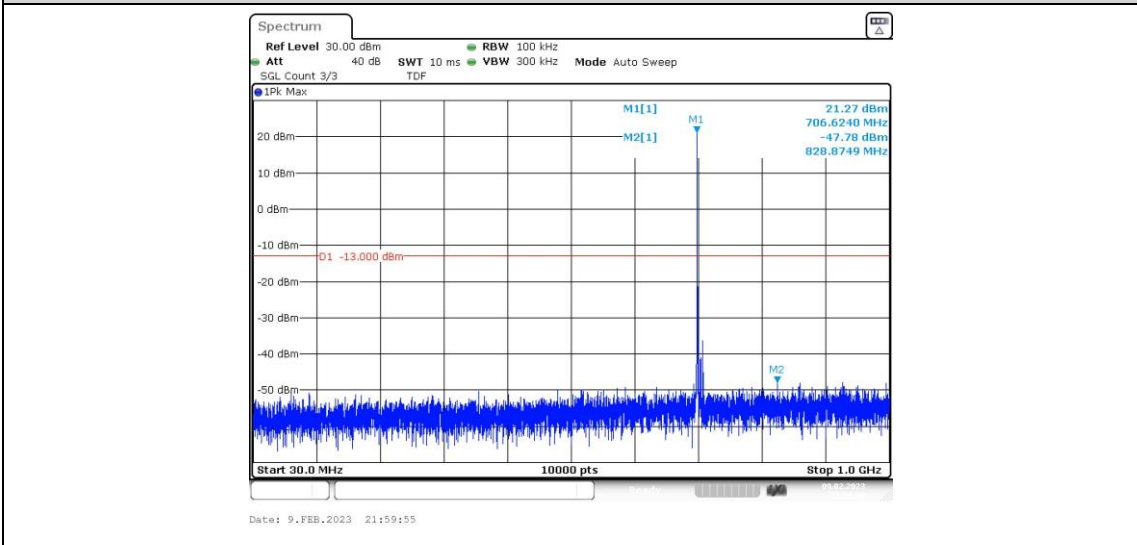
Band17-10MHz-QPSK-23790-1RB#0-Range1:30~1000MHz



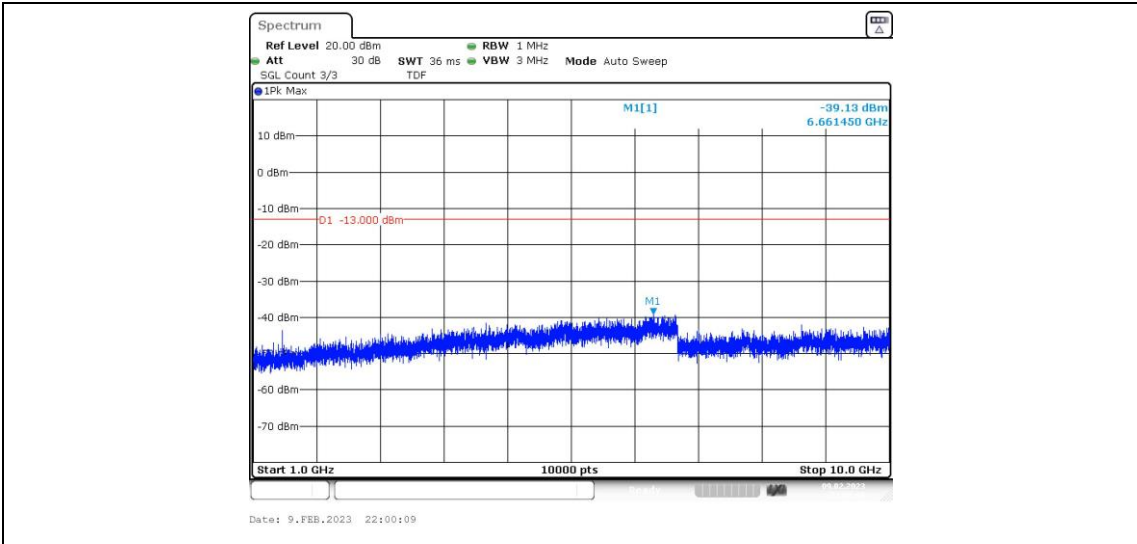
Band17-10MHz-QPSK-23790-1RB#0-Range2:1000~10000MHz



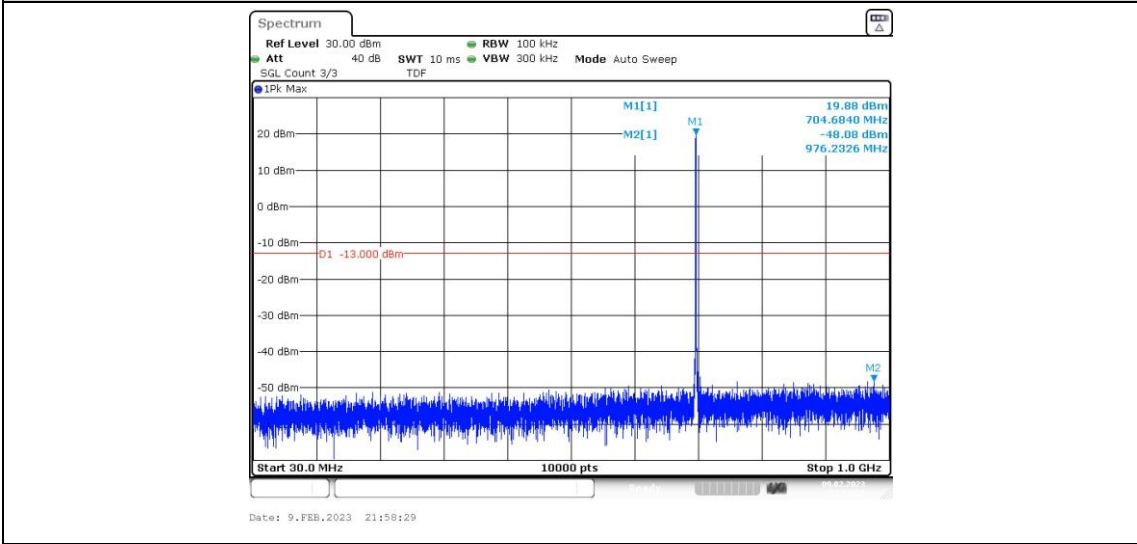
Band17-10MHz-QPSK-23800-1RB#0-Range1:30~1000MHz



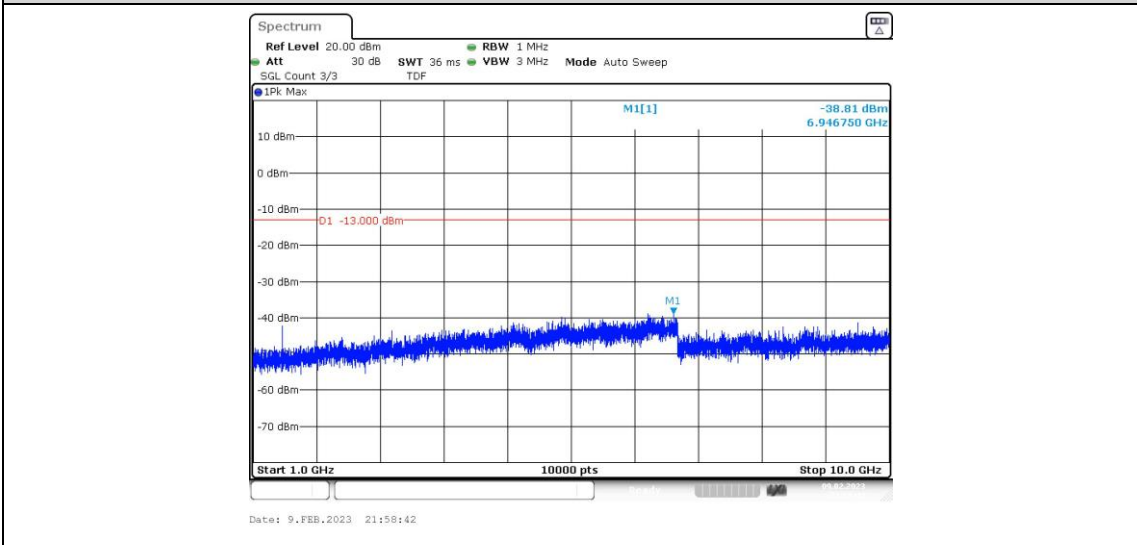
Band17-10MHz-QPSK-23800-1RB#0-Range2:1000~10000MHz



Band17-10MHz-16QAM-23780-1RB#0-Range1:30~1000MHz

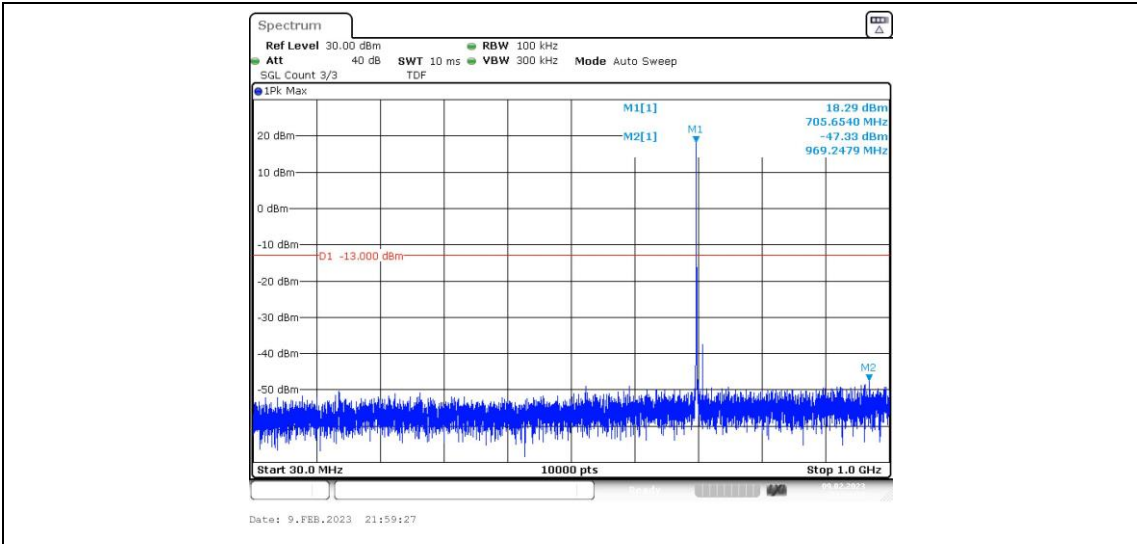


Band17-10MHz-16QAM-23780-1RB#0-Range2:1000~10000MHz

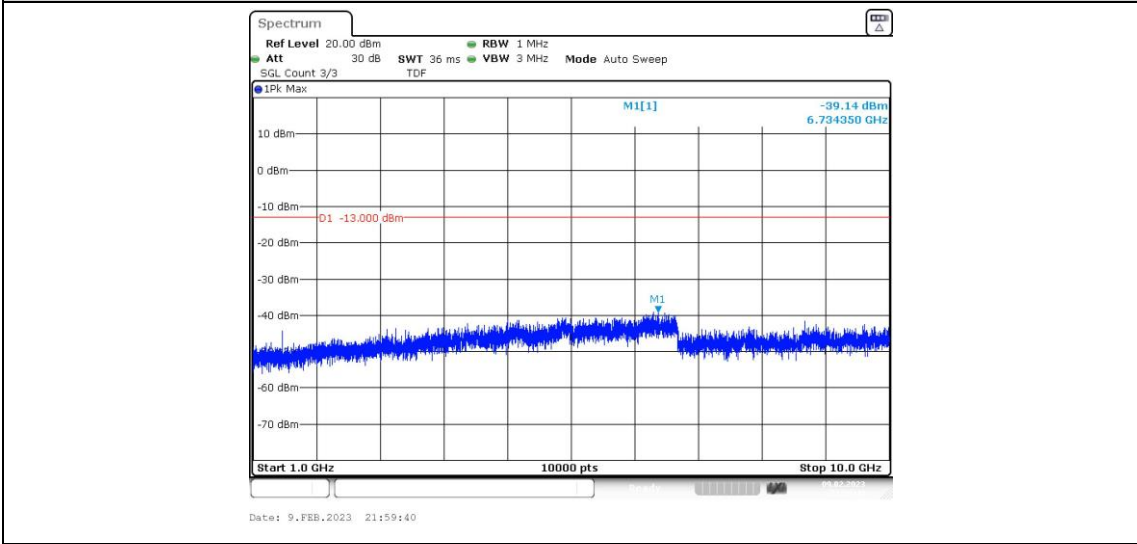


Band17-10MHz-16QAM-23790-1RB#0-Range1:30~1000MHz

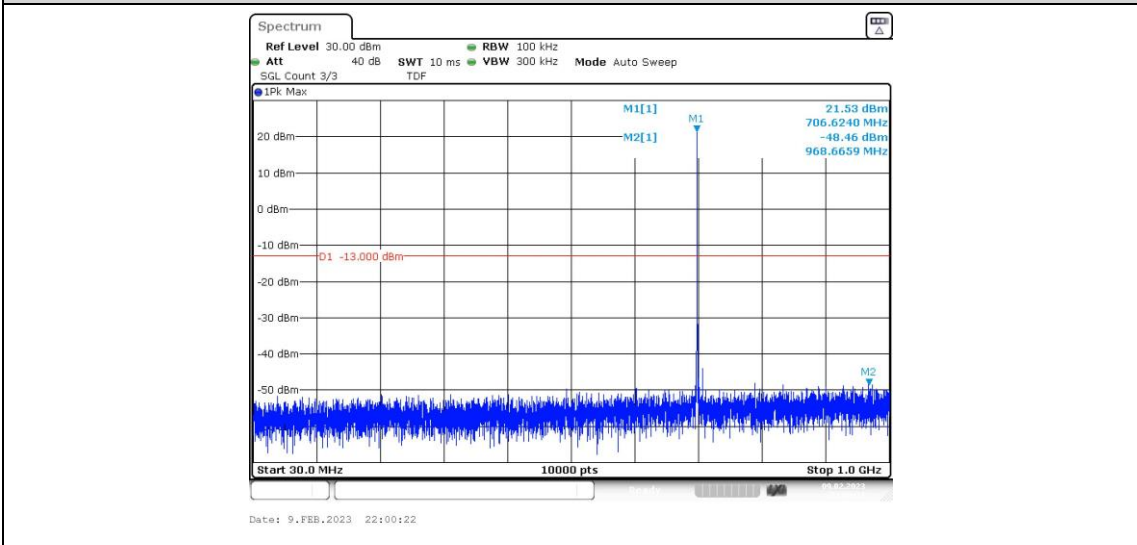




Band17-10MHz-16QAM-23790-1RB#0-Range2:1000~10000MHz

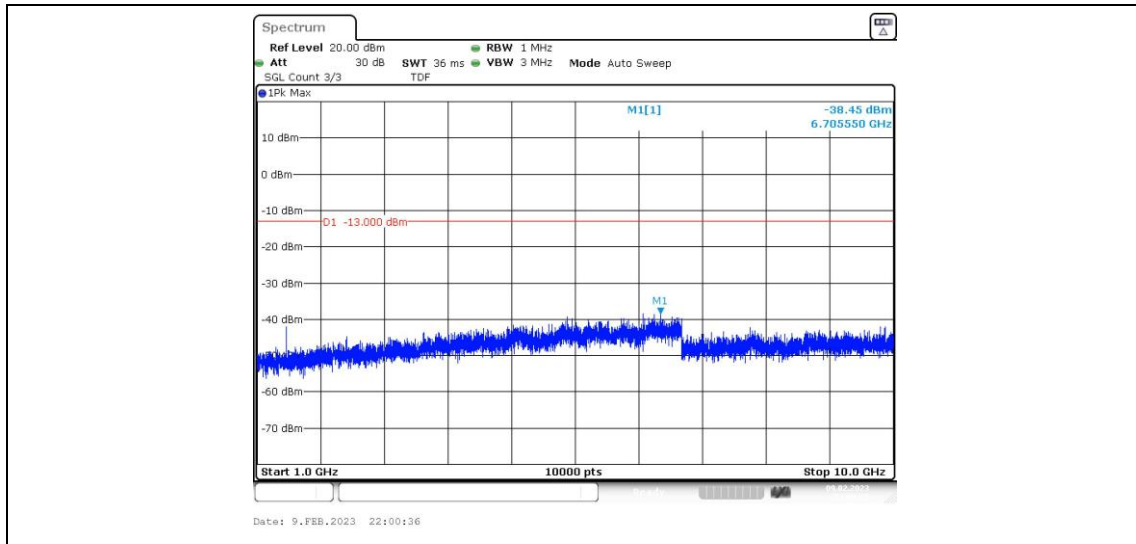


Band17-10MHz-16QAM-23800-1RB#0-Range1:30~1000MHz



Band17-10MHz-16QAM-23800-1RB#0-Range2:1000~10000MHz





## Appendix F: Frequency Stability

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band1 7	5MHz	QPSK	23755	25RB#0	VL	NT	2.26	0.003199	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	VN	NT	2.68	0.003793	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	VH	NT	3.29	0.004657	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VL	NT	-2.60	-0.003662	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VN	NT	1.20	0.001690	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	VH	NT	-1.89	-0.002662	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VL	NT	-2.50	-0.003504	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VN	NT	2.03	0.002845	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	VH	NT	-2.46	-0.003448	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VL	NT	3.05	0.004317	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VN	NT	-2.40	-0.003397	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	VH	NT	0.83	0.001175	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VL	NT	-2.60	-0.003662	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VN	NT	2.19	0.003085	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	VH	NT	-1.77	-0.002493	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	VL	NT	-2.25	-0.003153	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	VN	NT	-2.73	-0.003826	±2.5	PASS

Band1 7	5MHz	16QAM	23825	25RB#0	VH	NT	2.75	0.003854	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	VL	NT	2.66	0.003752	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	VN	NT	-1.20	-0.001693	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	VH	NT	-1.19	-0.001678	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VL	NT	-2.15	-0.003028	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VN	NT	1.79	0.002521	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	VH	NT	-1.26	-0.001775	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VL	NT	1.57	0.002208	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VN	NT	1.67	0.002349	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	VH	NT	-2.09	-0.002940	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VL	NT	-3.75	-0.005289	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VN	NT	-2.03	-0.002863	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	VH	NT	-3.29	-0.004640	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VL	NT	-1.30	-0.001831	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VN	NT	-2.06	-0.002901	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	VH	NT	-1.57	-0.002211	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VL	NT	1.95	0.002743	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VN	NT	-1.66	-0.002335	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	VH	NT	-3.58	-0.005035	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band1 7	5MHz	QPSK	23755	25RB#0	NV	-30	2.37	0.003355	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	-20	-1.90	-0.002689	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	0	-2.80	-0.003963	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	10	1.04	0.001472	±2.5	PASS
Band1 7	5MHz	QPSK	23755	25RB#0	NV	20	-1.87	-0.002647	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	-30	-2.30	-0.003239	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	-20	-2.26	-0.003183	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	0	-1.57	-0.002211	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	10	-1.92	-0.002704	±2.5	PASS
Band1 7	5MHz	QPSK	23790	25RB#0	NV	20	-2.75	-0.003873	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	-30	-2.43	-0.003406	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	-20	-1.26	-0.001766	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	0	-1.16	-0.001626	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	10	1.49	0.002088	±2.5	PASS
Band1 7	5MHz	QPSK	23825	25RB#0	NV	20	-1.57	-0.002200	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	-30	-1.92	-0.002718	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	-20	-3.59	-0.005081	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	0	-1.83	-0.002590	±2.5	PASS
Band1 7	5MHz	16QAM	23755	25RB#0	NV	10	-2.29	-0.003241	±2.5	PASS

Band1 7	5MHz	16QAM	23755	25RB#0	NV	20	-2.02	-0.002859	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	-30	-2.50	-0.003521	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	-20	-1.89	-0.002662	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	0	-1.79	-0.002521	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	10	-2.60	-0.003662	±2.5	PASS
Band1 7	5MHz	16QAM	23790	25RB#0	NV	20	-3.05	-0.004296	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	-30	-0.89	-0.001247	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	-20	-1.27	-0.001780	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	0	-1.66	-0.002327	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	10	-2.49	-0.003490	±2.5	PASS
Band1 7	5MHz	16QAM	23825	25RB#0	NV	20	-1.07	-0.001500	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	-30	-1.53	-0.002158	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	-20	1.89	0.002666	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	0	1.14	0.001608	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	10	-3.06	-0.004316	±2.5	PASS
Band1 7	10MHz	QPSK	23780	50RB#0	NV	20	-2.32	-0.003272	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	-30	1.67	0.002352	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	-20	3.13	0.004408	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	0	1.72	0.002423	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	10	1.99	0.002803	±2.5	PASS
Band1 7	10MHz	QPSK	23790	50RB#0	NV	20	-2.22	-0.003127	±2.5	PASS

Band1 7	10MHz	QPSK	23800	50RB#0	NV	-30	-3.00	-0.004219	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	-20	-1.47	-0.002068	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	0	2.57	0.003615	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	10	2.69	0.003783	±2.5	PASS
Band1 7	10MHz	QPSK	23800	50RB#0	NV	20	1.83	0.002574	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	-30	-2.62	-0.003695	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	-20	-2.43	-0.003427	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	0	-1.20	-0.001693	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	10	2.09	0.002948	±2.5	PASS
Band1 7	10MHz	16QAM	23780	50RB#0	NV	20	-1.80	-0.002539	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	-30	-2.42	-0.003408	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	-20	2.12	0.002986	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	0	-2.85	-0.004014	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	10	1.22	0.001718	±2.5	PASS
Band1 7	10MHz	16QAM	23790	50RB#0	NV	20	-3.09	-0.004352	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	-30	1.59	0.002236	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	-20	2.16	0.003038	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	0	-0.94	-0.001322	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	10	3.02	0.004248	±2.5	PASS
Band1 7	10MHz	16QAM	23800	50RB#0	NV	20	1.06	0.001491	±2.5	PASS