

Appendix for Band 17

Product Name: Zenius08

Model No: GMT-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	24.76	PASS
Band17	5MHz	QPSK	23755	1RB#12	24.68	PASS
Band17	5MHz	QPSK	23755	1RB#24	24.59	PASS
Band17	5MHz	QPSK	23755	12RB#0	23.78	PASS
Band17	5MHz	QPSK	23755	12RB#6	23.73	PASS
Band17	5MHz	QPSK	23755	12RB#13	23.66	PASS
Band17	5MHz	QPSK	23755	25RB#0	23.75	PASS
Band17	5MHz	QPSK	23790	1RB#0	24.77	PASS
Band17	5MHz	QPSK	23790	1RB#12	24.63	PASS
Band17	5MHz	QPSK	23790	1RB#24	24.50	PASS
Band17	5MHz	QPSK	23790	12RB#0	23.78	PASS
Band17	5MHz	QPSK	23790	12RB#6	23.75	PASS
Band17	5MHz	QPSK	23790	12RB#13	23.57	PASS
Band17	5MHz	QPSK	23790	25RB#0	23.67	PASS
Band17	5MHz	QPSK	23825	1RB#0	24.68	PASS
Band17	5MHz	QPSK	23825	1RB#12	24.49	PASS
Band17	5MHz	QPSK	23825	1RB#24	24.38	PASS
Band17	5MHz	QPSK	23825	12RB#0	23.72	PASS
Band17	5MHz	QPSK	23825	12RB#6	23.72	PASS
Band17	5MHz	QPSK	23825	12RB#13	23.53	PASS
Band17	5MHz	QPSK	23825	25RB#0	23.66	PASS
Band17	5MHz	16QAM	23755	1RB#0	23.94	PASS
Band17	5MHz	16QAM	23755	1RB#12	23.83	PASS
Band17	5MHz	16QAM	23755	1RB#24	23.87	PASS
Band17	5MHz	16QAM	23755	12RB#0	22.84	PASS
Band17	5MHz	16QAM	23755	12RB#6	22.84	PASS
Band17	5MHz	16QAM	23755	12RB#13	22.69	PASS
Band17	5MHz	16QAM	23755	25RB#0	22.81	PASS
Band17	5MHz	16QAM	23790	1RB#0	23.82	PASS
Band17	5MHz	16QAM	23790	1RB#12	23.77	PASS

Band17	5MHz	16QAM	23790	1RB#24	23.57	PASS
Band17	5MHz	16QAM	23790	12RB#0	22.79	PASS
Band17	5MHz	16QAM	23790	12RB#6	22.70	PASS
Band17	5MHz	16QAM	23790	12RB#13	22.62	PASS
Band17	5MHz	16QAM	23790	25RB#0	22.71	PASS
Band17	5MHz	16QAM	23825	1RB#0	23.84	PASS
Band17	5MHz	16QAM	23825	1RB#12	23.64	PASS
Band17	5MHz	16QAM	23825	1RB#24	23.68	PASS
Band17	5MHz	16QAM	23825	12RB#0	22.80	PASS
Band17	5MHz	16QAM	23825	12RB#6	22.78	PASS
Band17	5MHz	16QAM	23825	12RB#13	22.61	PASS
Band17	5MHz	16QAM	23825	25RB#0	22.65	PASS
Band17	10MHz	QPSK	23780	1RB#0	24.69	PASS
Band17	10MHz	QPSK	23780	1RB#24	24.54	PASS
Band17	10MHz	QPSK	23780	1RB#49	24.29	PASS
Band17	10MHz	QPSK	23780	25RB#0	23.75	PASS
Band17	10MHz	QPSK	23780	25RB#12	23.72	PASS
Band17	10MHz	QPSK	23780	25RB#25	23.66	PASS
Band17	10MHz	QPSK	23780	50RB#0	23.65	PASS
Band17	10MHz	QPSK	23790	1RB#0	24.66	PASS
Band17	10MHz	QPSK	23790	1RB#24	24.51	PASS
Band17	10MHz	QPSK	23790	1RB#49	24.34	PASS
Band17	10MHz	QPSK	23790	25RB#0	23.74	PASS
Band17	10MHz	QPSK	23790	25RB#12	23.75	PASS
Band17	10MHz	QPSK	23790	25RB#25	23.52	PASS
Band17	10MHz	QPSK	23790	50RB#0	23.69	PASS
Band17	10MHz	QPSK	23800	1RB#0	24.82	PASS
Band17	10MHz	QPSK	23800	1RB#24	24.52	PASS
Band17	10MHz	QPSK	23800	1RB#49	24.37	PASS
Band17	10MHz	QPSK	23800	25RB#0	23.76	PASS
Band17	10MHz	QPSK	23800	25RB#12	23.75	PASS
Band17	10MHz	QPSK	23800	25RB#25	23.58	PASS
Band17	10MHz	QPSK	23800	50RB#0	23.66	PASS
Band17	10MHz	16QAM	23780	1RB#0	24.10	PASS
Band17	10MHz	16QAM	23780	1RB#24	23.80	PASS
Band17	10MHz	16QAM	23780	1RB#49	23.56	PASS
Band17	10MHz	16QAM	23780	25RB#0	22.81	PASS

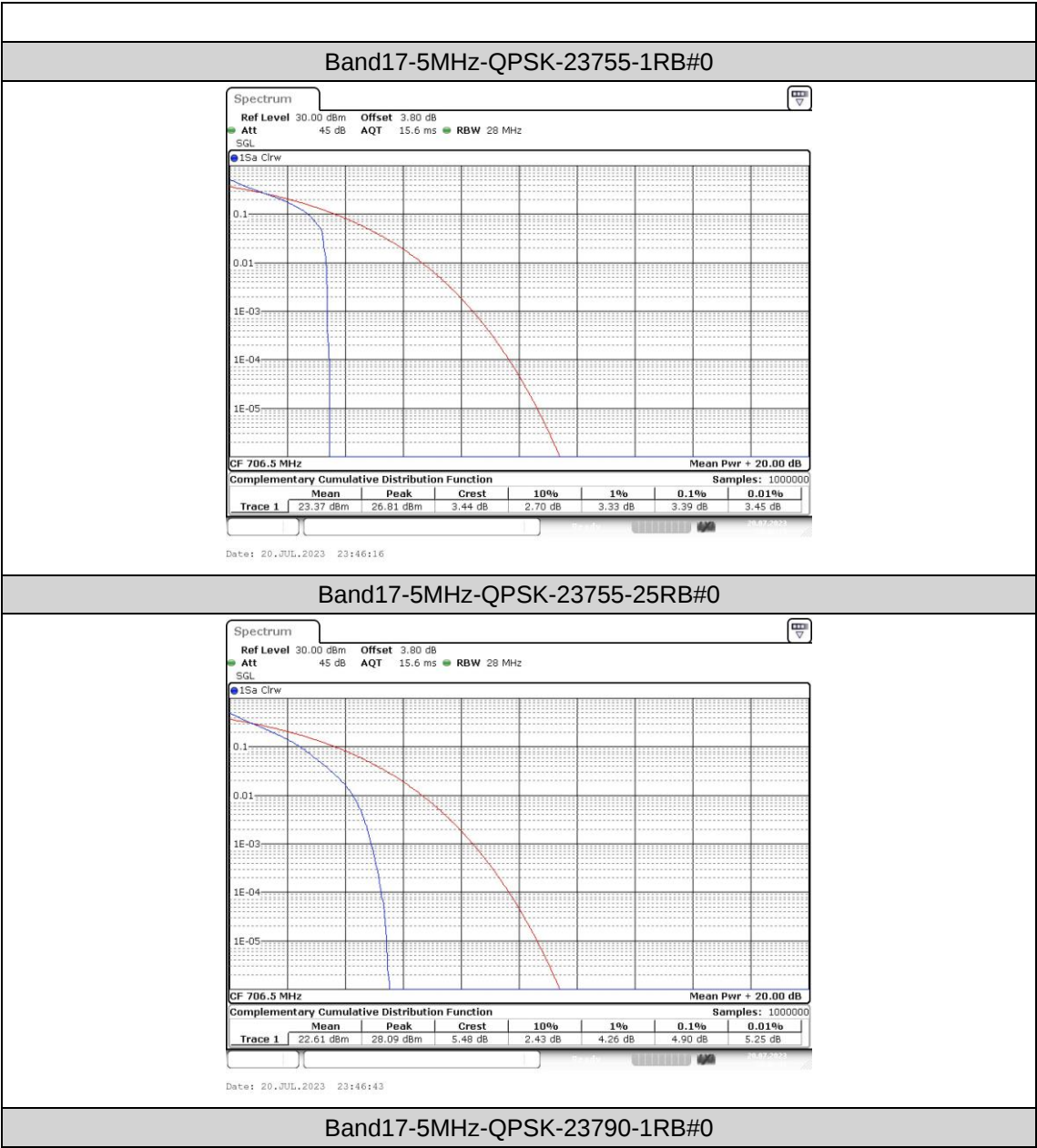
Band17	10MHz	16QAM	23780	25RB#12	22.78	PASS
Band17	10MHz	16QAM	23780	25RB#25	22.73	PASS
Band17	10MHz	16QAM	23780	50RB#0	22.67	PASS
Band17	10MHz	16QAM	23790	1RB#0	24.08	PASS
Band17	10MHz	16QAM	23790	1RB#24	23.90	PASS
Band17	10MHz	16QAM	23790	1RB#49	23.86	PASS
Band17	10MHz	16QAM	23790	25RB#0	22.72	PASS
Band17	10MHz	16QAM	23790	25RB#12	22.73	PASS
Band17	10MHz	16QAM	23790	25RB#25	22.57	PASS
Band17	10MHz	16QAM	23790	50RB#0	22.65	PASS
Band17	10MHz	16QAM	23800	1RB#0	24.03	PASS
Band17	10MHz	16QAM	23800	1RB#24	23.87	PASS
Band17	10MHz	16QAM	23800	1RB#49	23.59	PASS
Band17	10MHz	16QAM	23800	25RB#0	22.81	PASS
Band17	10MHz	16QAM	23800	25RB#12	22.82	PASS
Band17	10MHz	16QAM	23800	25RB#25	22.63	PASS
Band17	10MHz	16QAM	23800	50RB#0	22.66	PASS

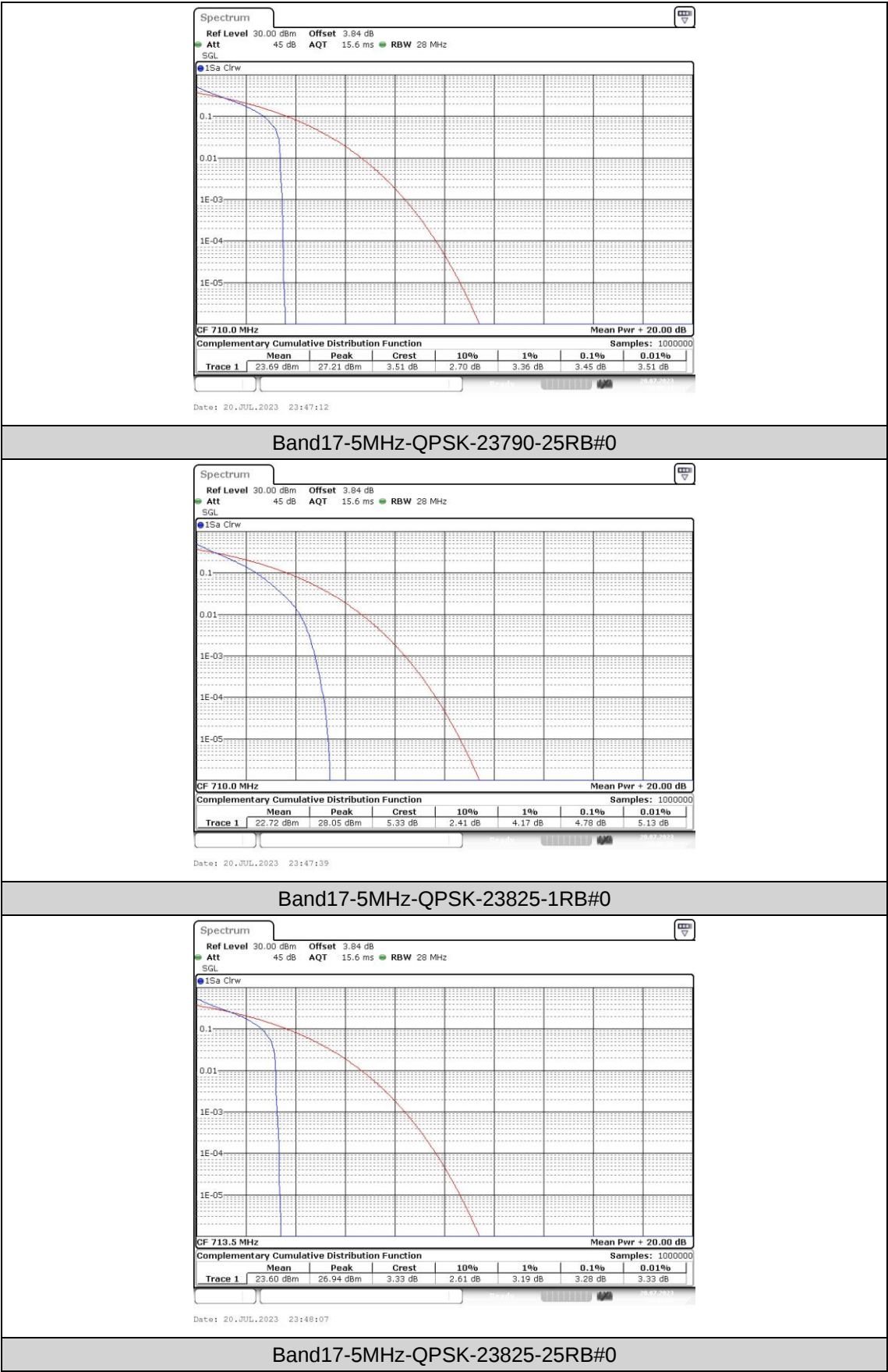
Appendix B: Peak-to-Average Ratio(CCDF)

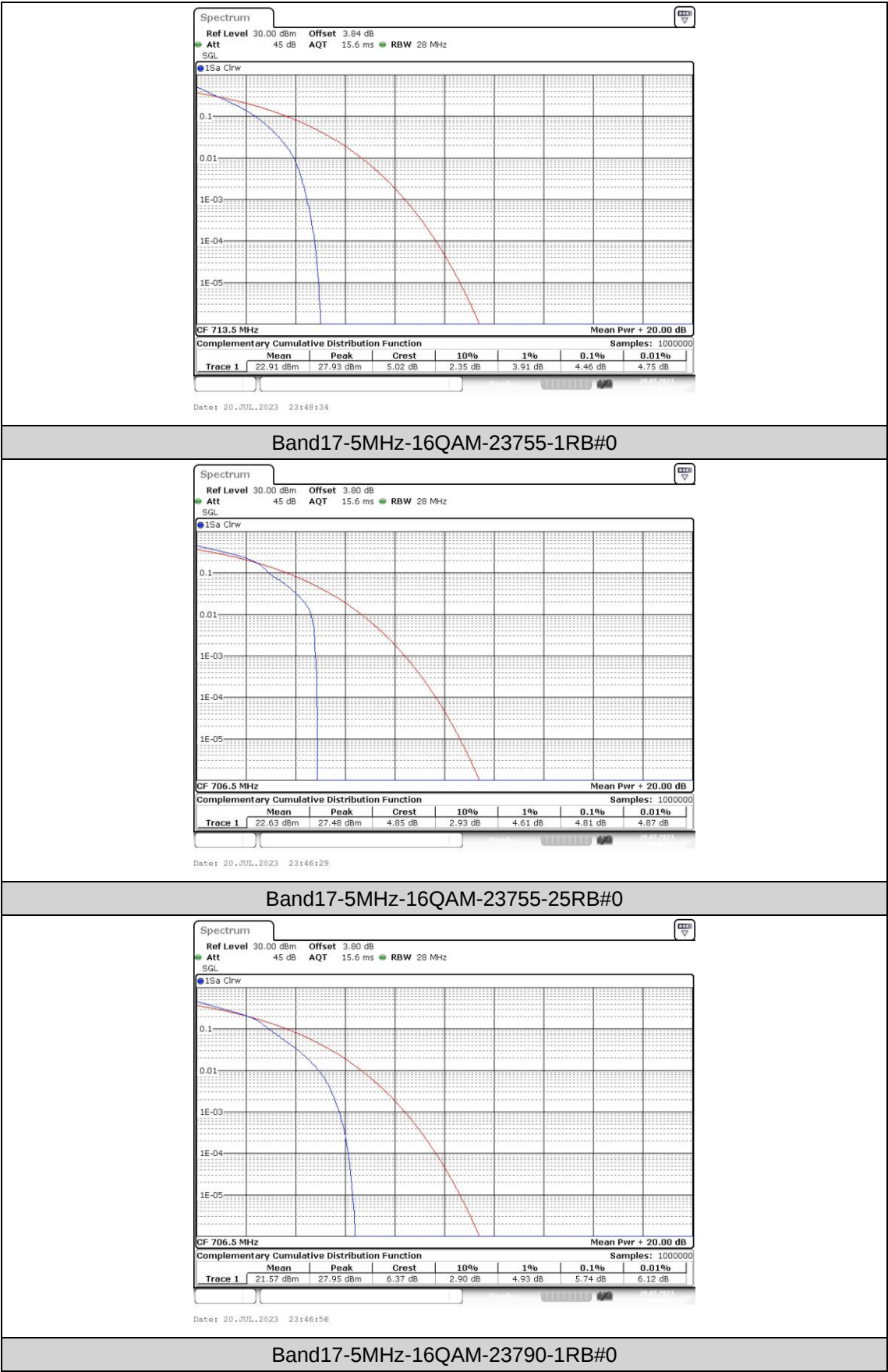
Test Result

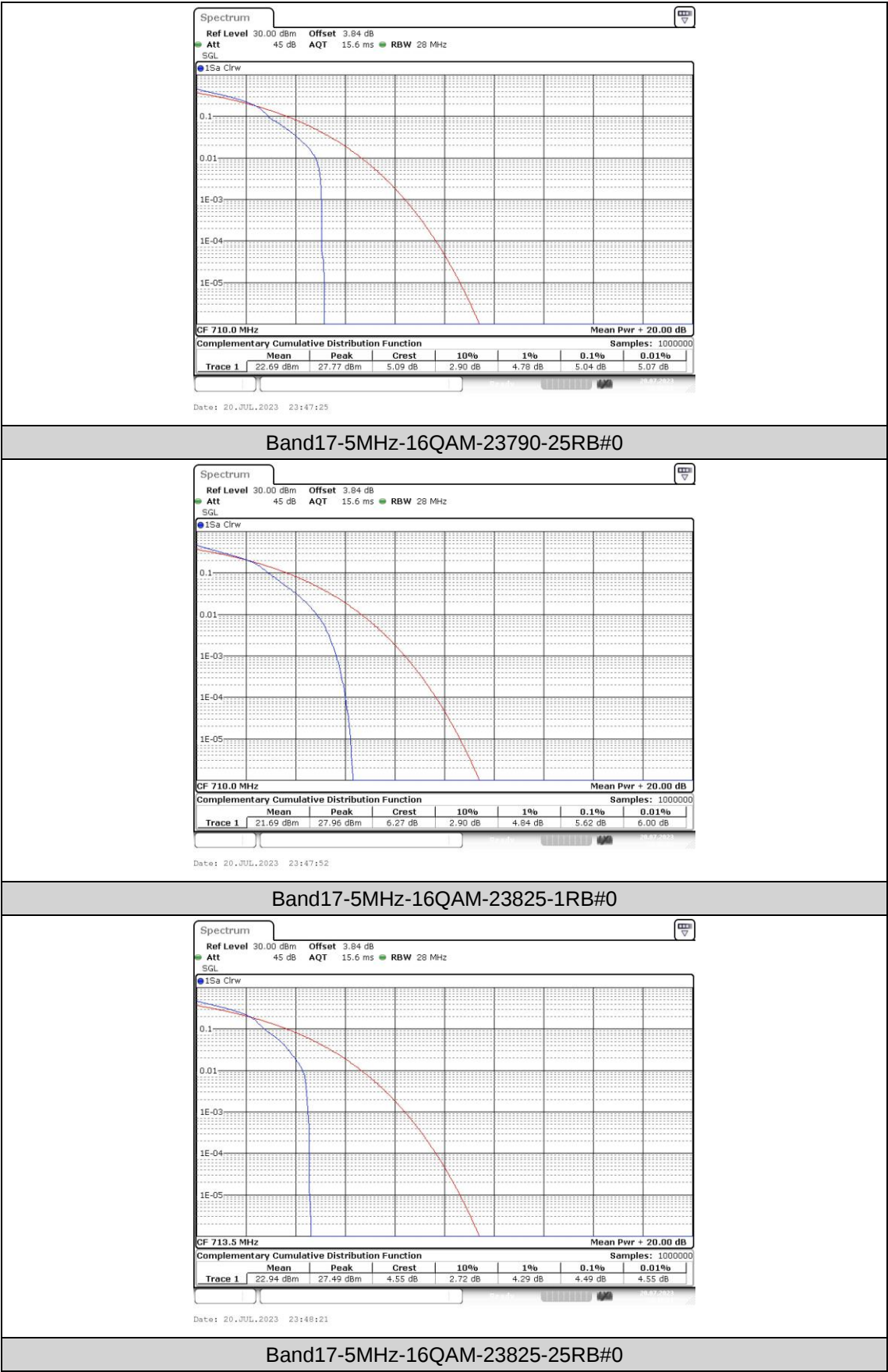
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	3.39	13	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.90	13	PASS
Band17	5MHz	QPSK	23790	1RB#0	3.45	13	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.78	13	PASS
Band17	5MHz	QPSK	23825	1RB#0	3.28	13	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.46	13	PASS
Band17	5MHz	16QAM	23755	1RB#0	4.81	13	PASS
Band17	5MHz	16QAM	23755	25RB#0	5.74	13	PASS
Band17	5MHz	16QAM	23790	1RB#0	5.04	13	PASS
Band17	5MHz	16QAM	23790	25RB#0	5.62	13	PASS
Band17	5MHz	16QAM	23825	1RB#0	4.49	13	PASS
Band17	5MHz	16QAM	23825	25RB#0	5.28	13	PASS
Band17	10MHz	QPSK	23780	1RB#0	3.33	13	PASS
Band17	10MHz	QPSK	23780	50RB#0	4.75	13	PASS
Band17	10MHz	QPSK	23790	1RB#0	3.39	13	PASS
Band17	10MHz	QPSK	23790	50RB#0	4.75	13	PASS
Band17	10MHz	QPSK	23800	1RB#0	3.39	13	PASS
Band17	10MHz	QPSK	23800	50RB#0	4.70	13	PASS
Band17	10MHz	16QAM	23780	1RB#0	4.72	13	PASS
Band17	10MHz	16QAM	23780	50RB#0	5.62	13	PASS
Band17	10MHz	16QAM	23790	1RB#0	4.84	13	PASS
Band17	10MHz	16QAM	23790	50RB#0	5.57	13	PASS
Band17	10MHz	16QAM	23800	1RB#0	4.99	13	PASS
Band17	10MHz	16QAM	23800	50RB#0	5.57	13	PASS

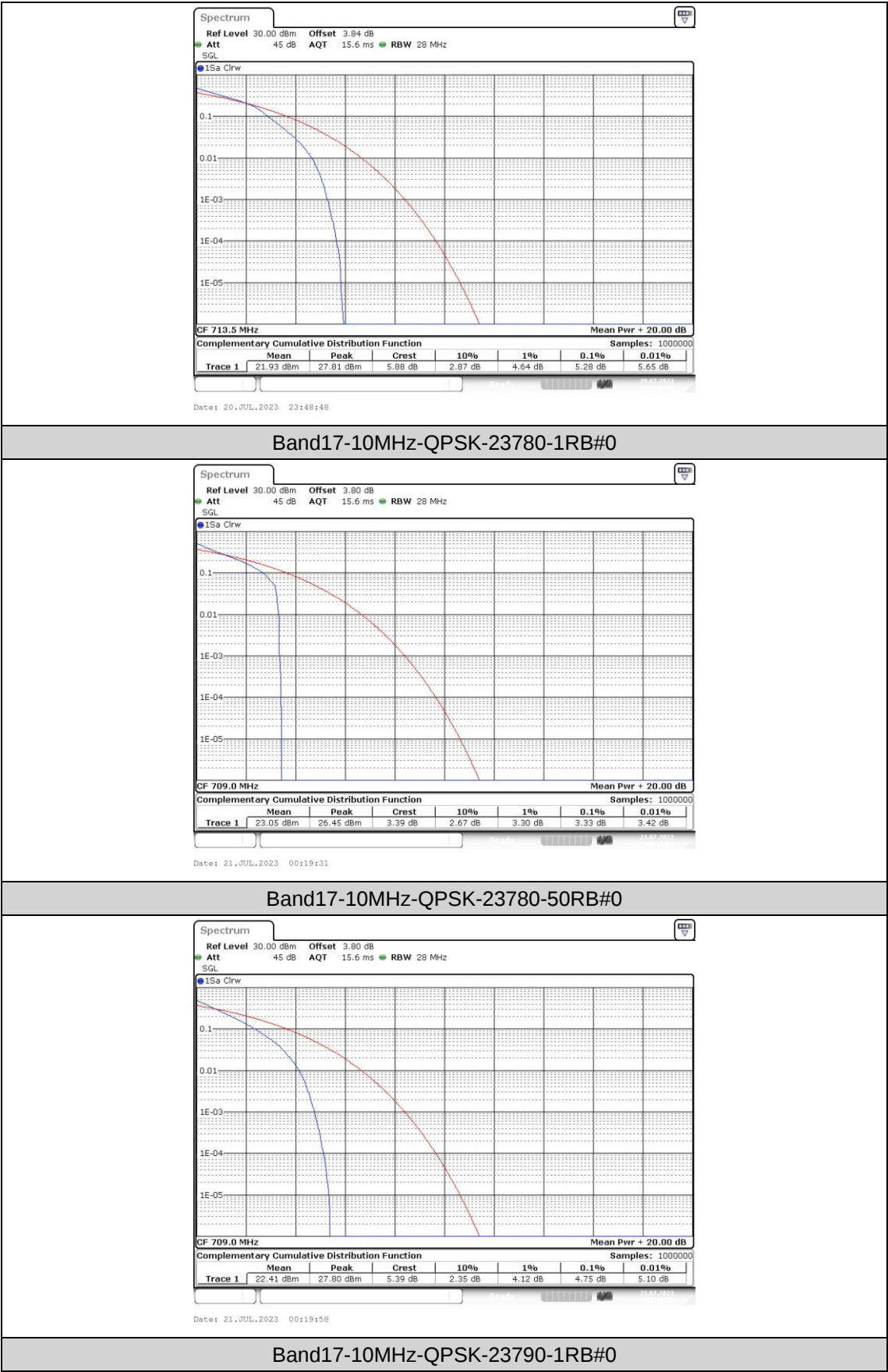
Test Graphs

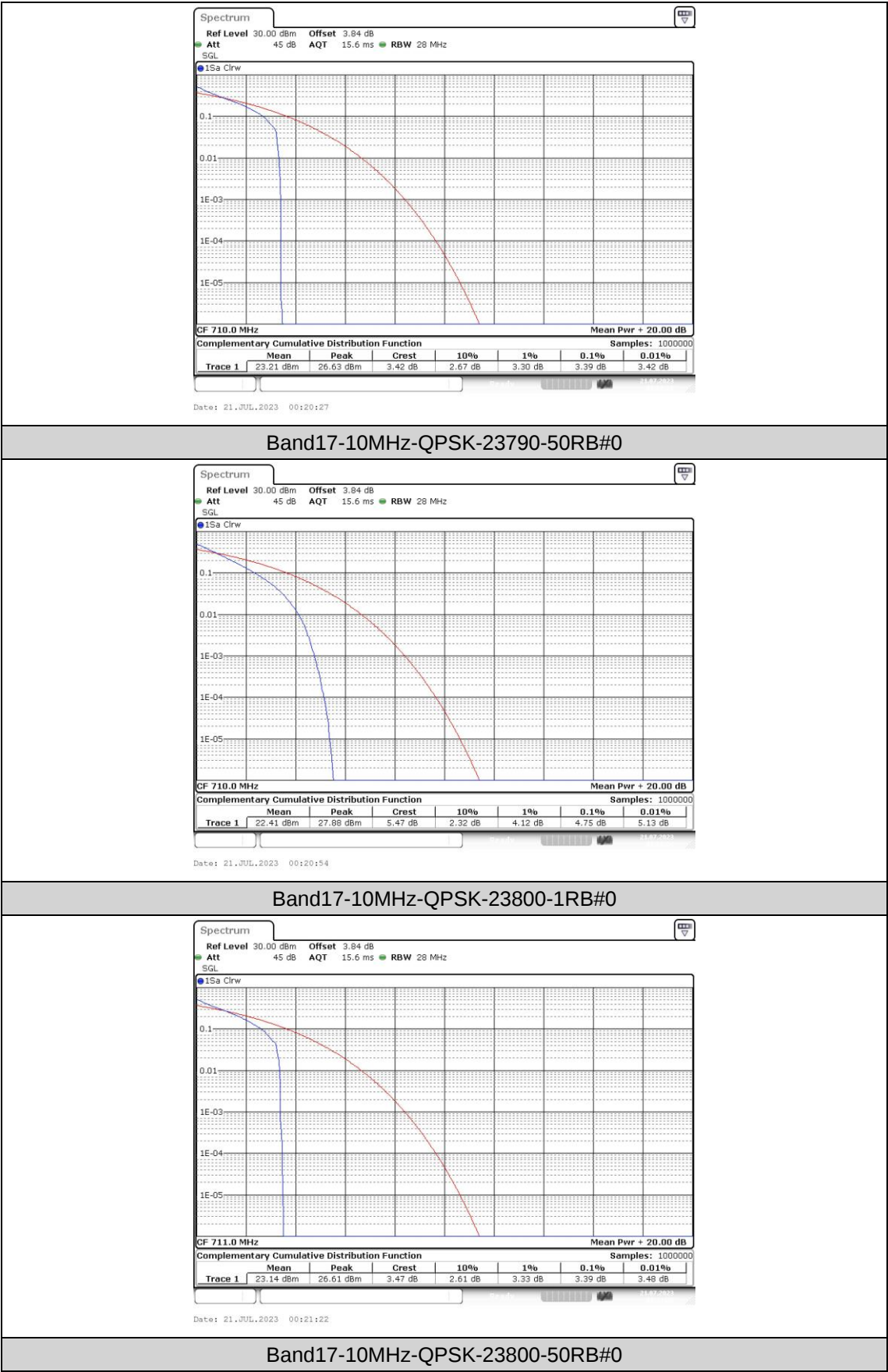


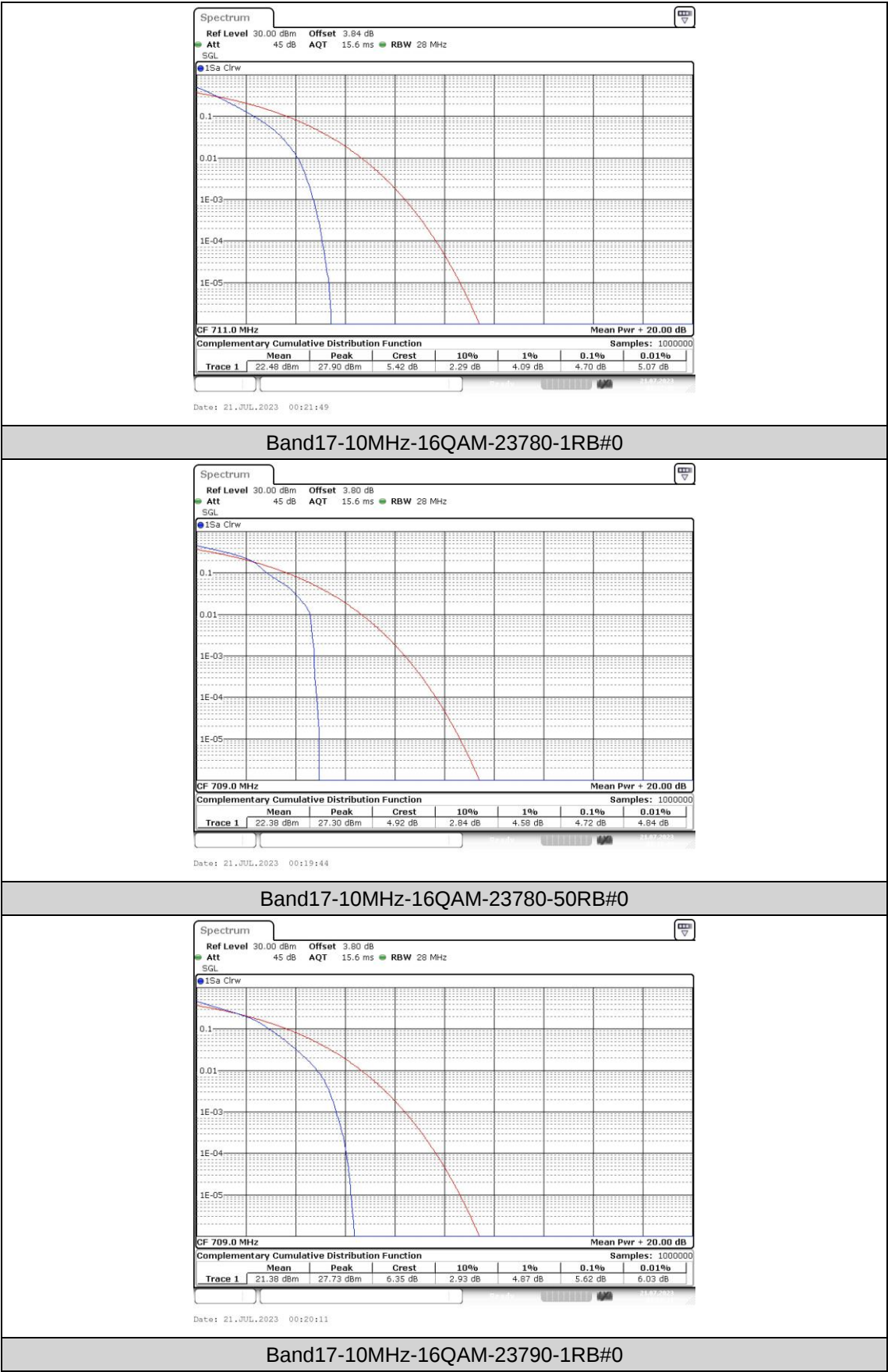


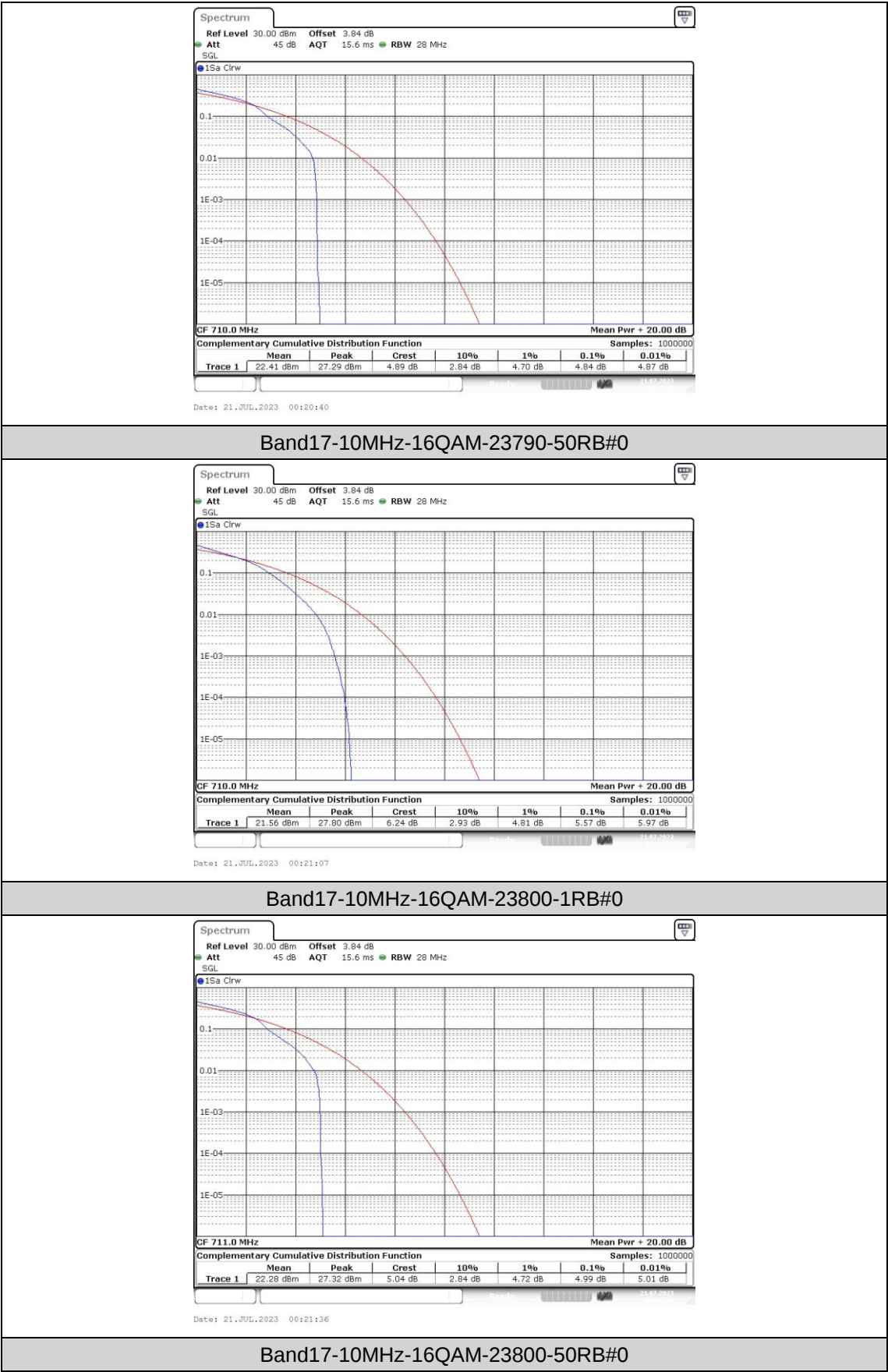












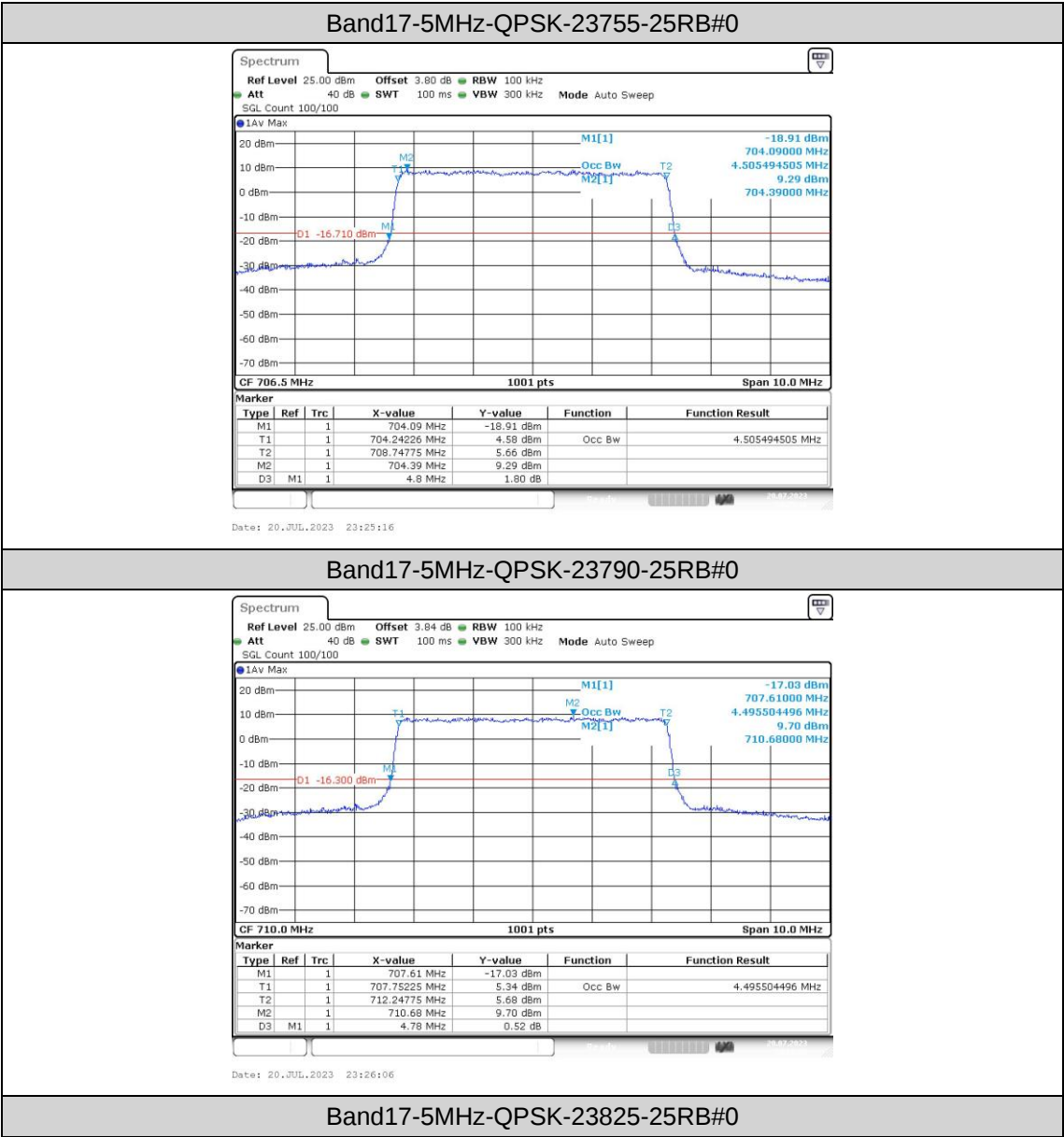


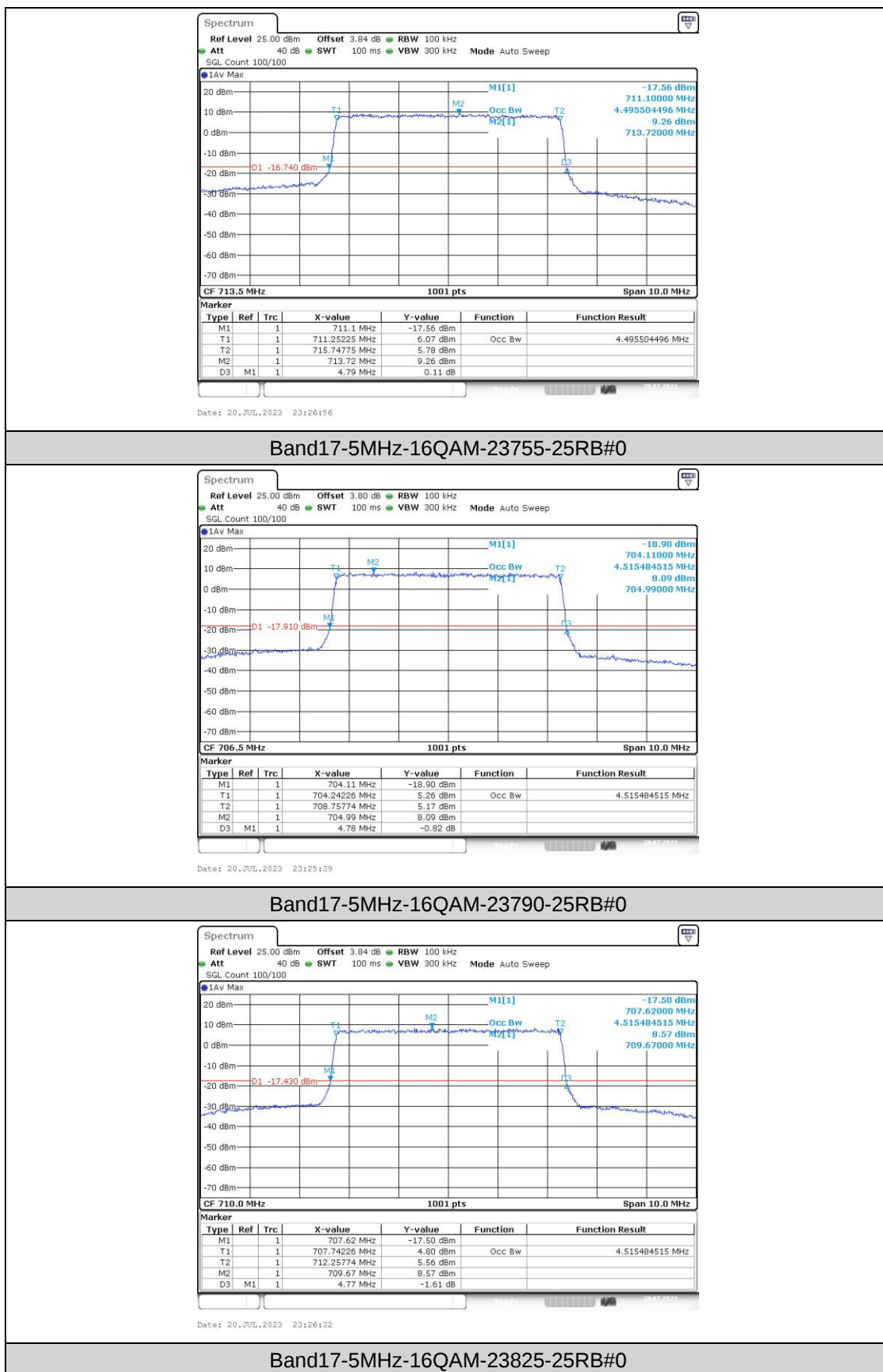
Appendix C: 26dB Bandwidth and Occupied Bandwidth

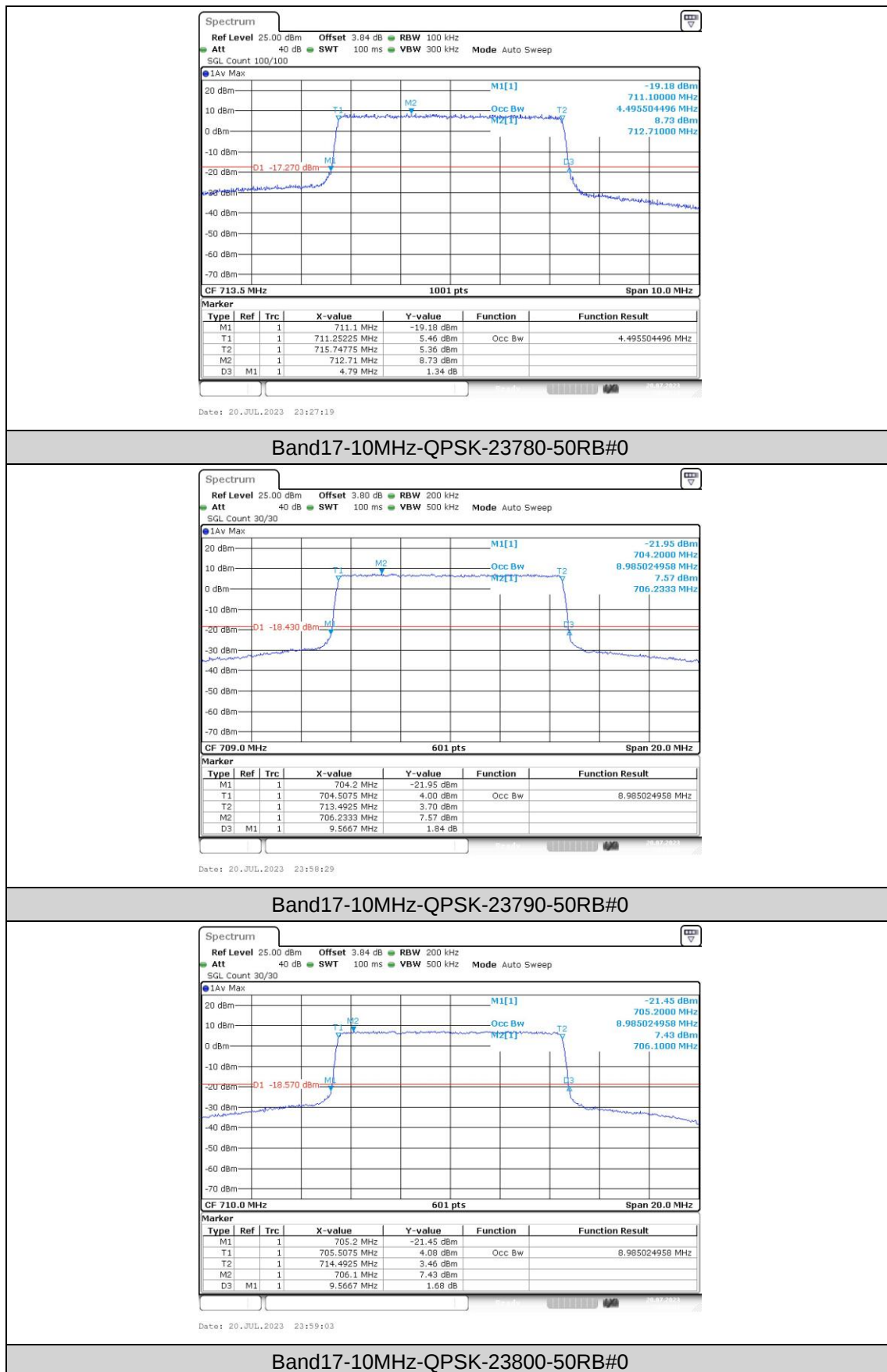
Test Result

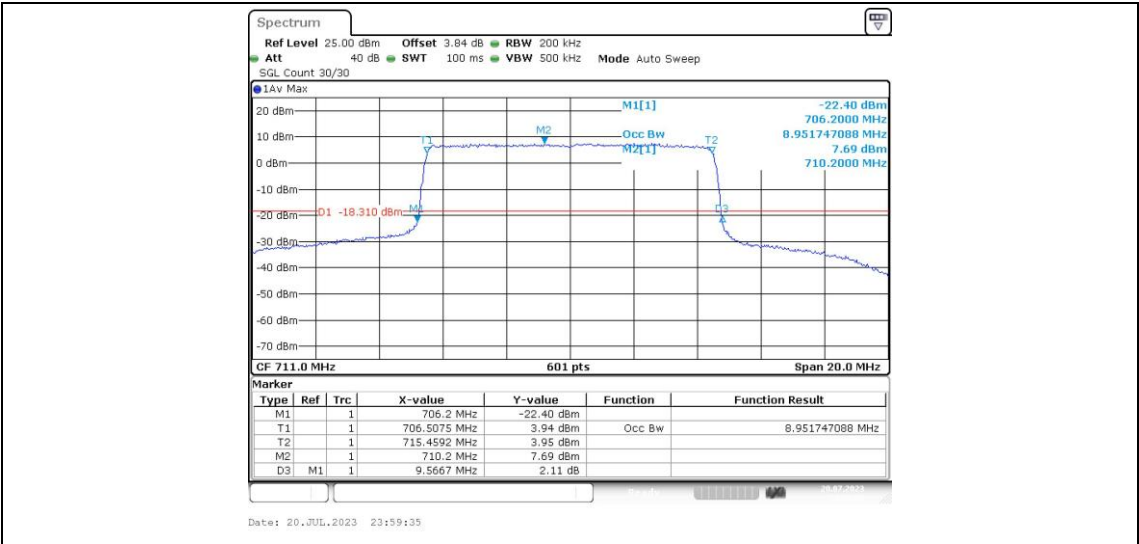
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band17	5MHz	QPSK	23755	25RB#0	4.505	4.80	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.496	4.78	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.496	4.79	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.515	4.78	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.515	4.77	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.496	4.79	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.985	9.57	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.985	9.57	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.952	9.57	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	8.985	9.53	PASS

Test Graphs

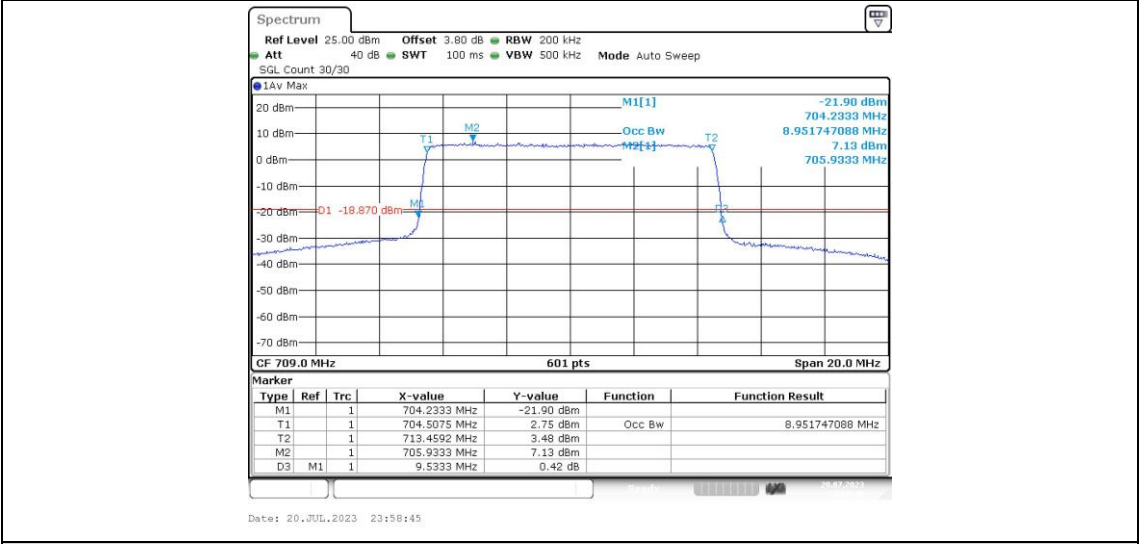




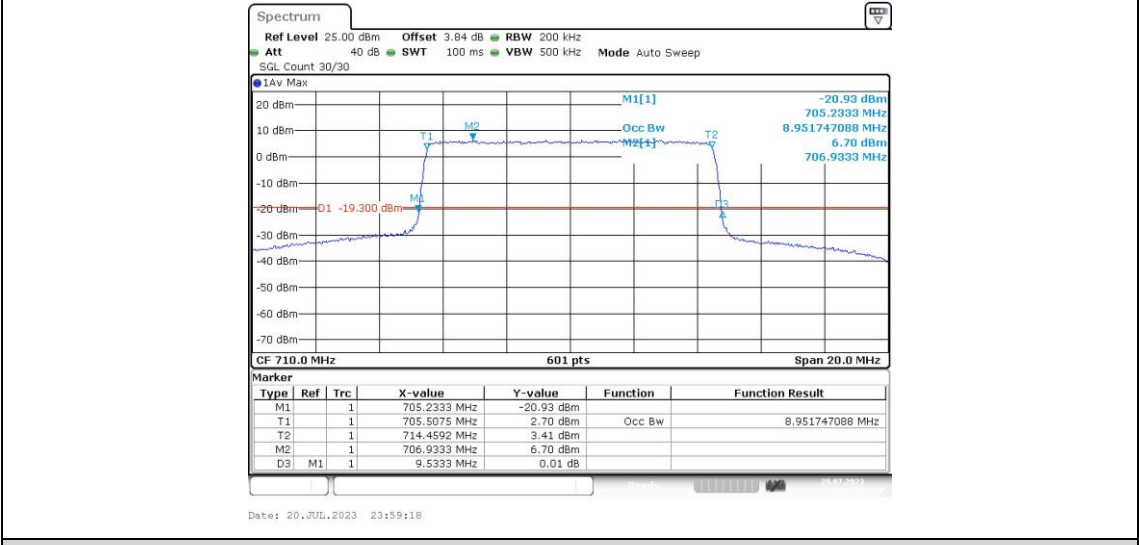




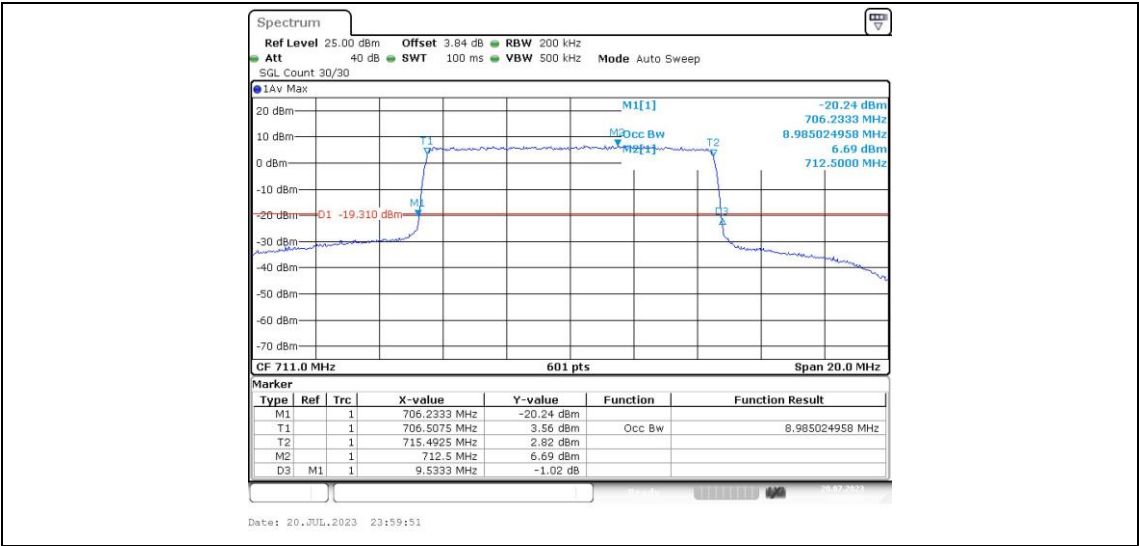
Band17-10MHz-16QAM-23780-50RB#0



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



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

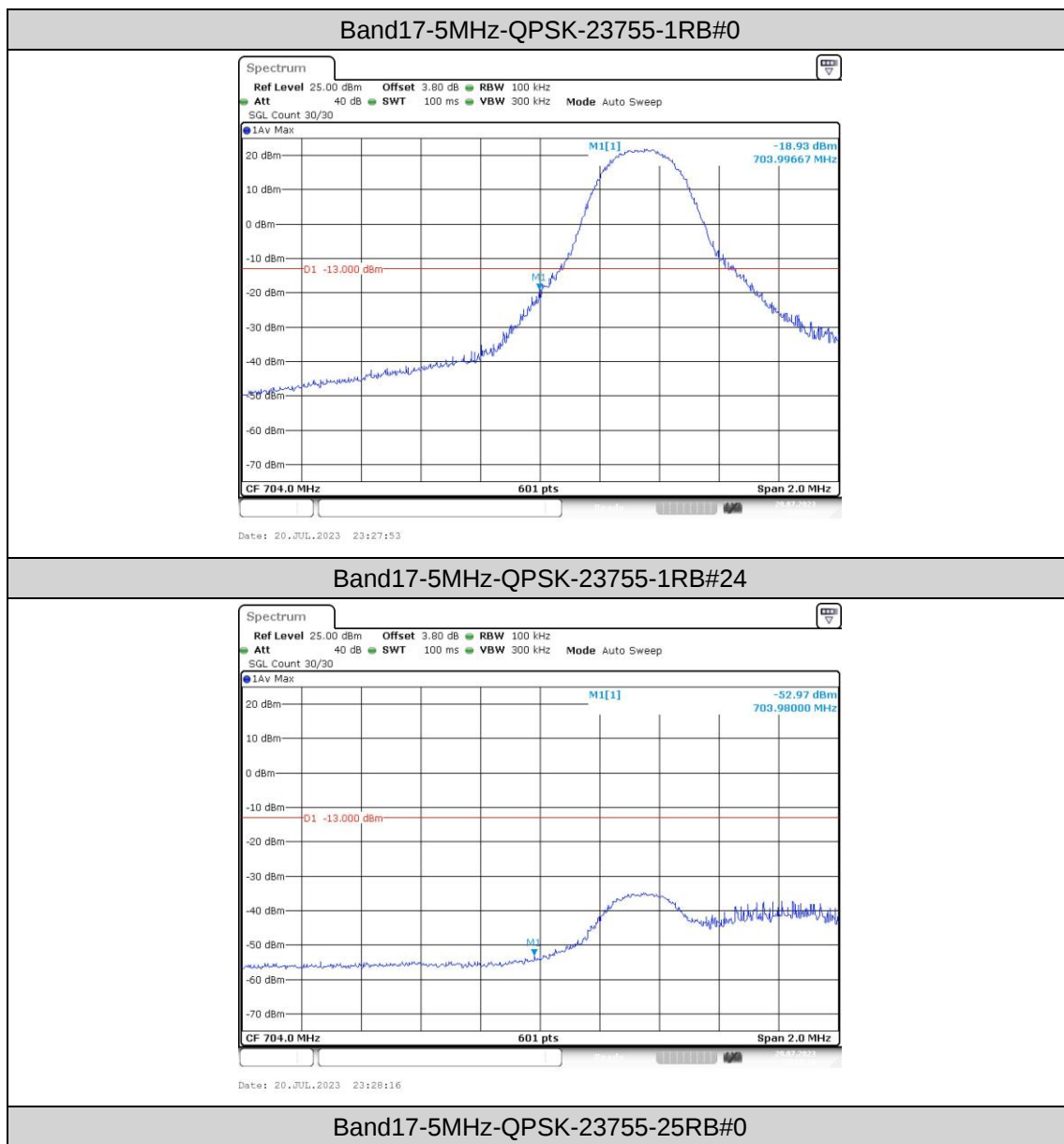


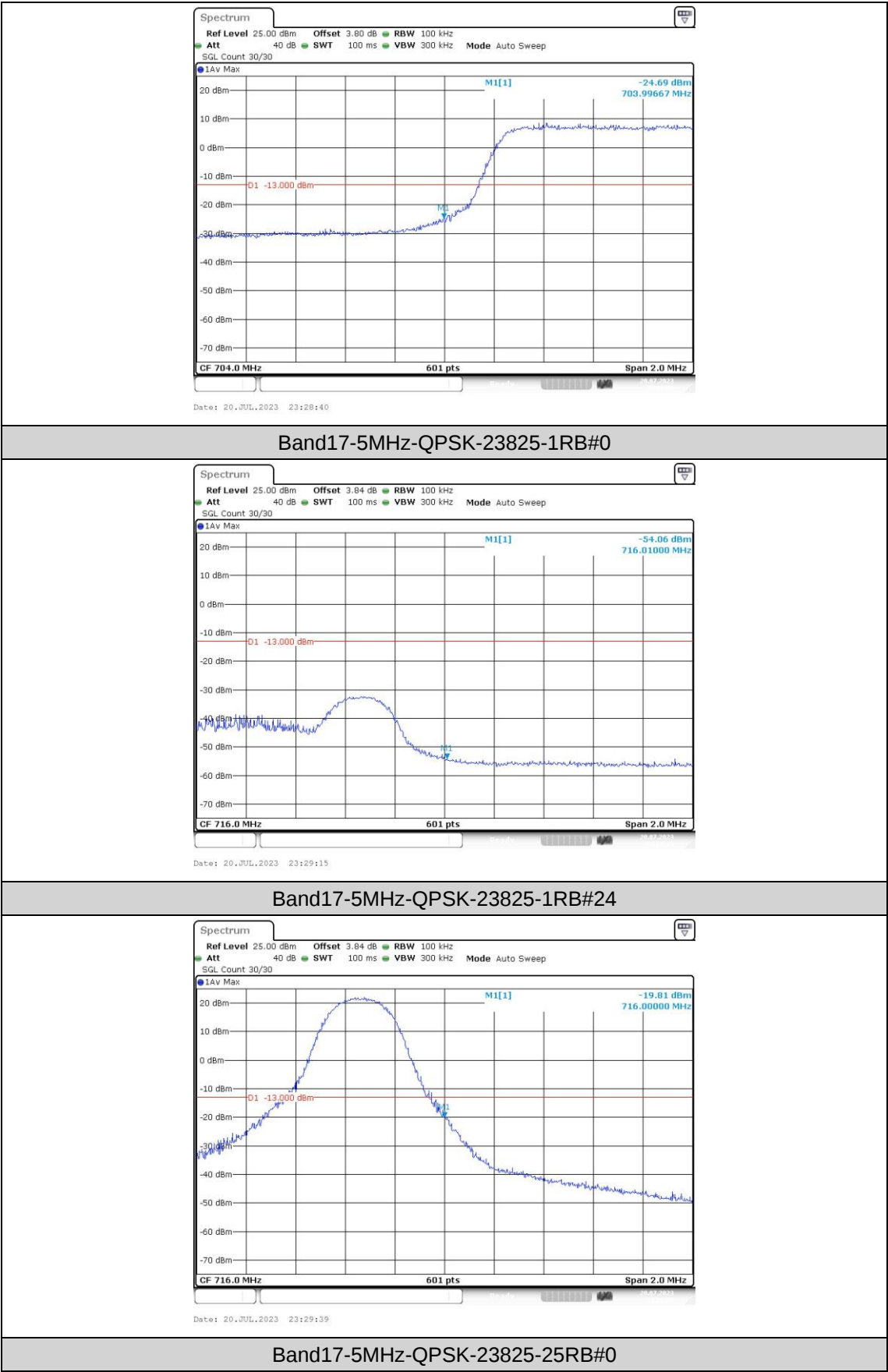
Appendix D: Band Edge

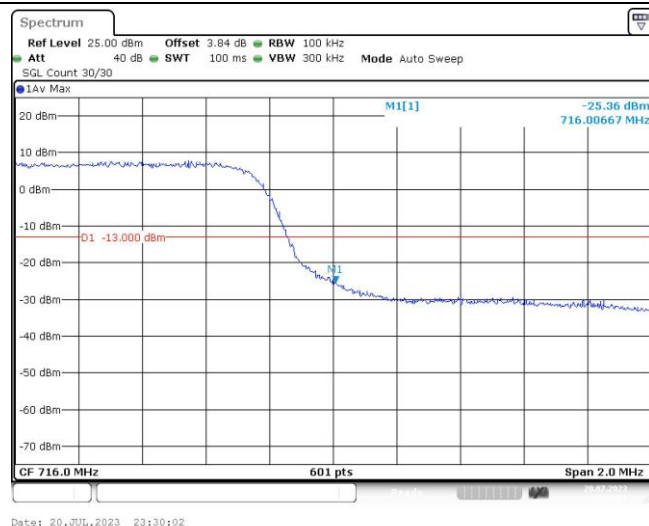
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	-18.93	PASS
Band17	5MHz	QPSK	23755	1RB#24	-52.97	PASS
Band17	5MHz	QPSK	23755	25RB#0	-24.69	PASS
Band17	5MHz	QPSK	23825	1RB#0	-54.06	PASS
Band17	5MHz	QPSK	23825	1RB#24	-19.81	PASS
Band17	5MHz	QPSK	23825	25RB#0	-25.36	PASS
Band17	5MHz	16QAM	23755	1RB#0	-20.79	PASS
Band17	5MHz	16QAM	23755	1RB#24	-54.29	PASS
Band17	5MHz	16QAM	23755	25RB#0	-26.95	PASS
Band17	5MHz	16QAM	23825	1RB#0	-54.79	PASS
Band17	5MHz	16QAM	23825	1RB#24	-20.46	PASS
Band17	5MHz	16QAM	23825	25RB#0	-25.95	PASS
Band17	10MHz	QPSK	23780	1RB#0	-33.63,-27.70	PASS
Band17	10MHz	QPSK	23780	1RB#49	-51.93,-50.09	PASS
Band17	10MHz	QPSK	23780	50RB#0	-27.34,-26.02	PASS
Band17	10MHz	QPSK	23800	1RB#0	-50.35,-51.17	PASS
Band17	10MHz	QPSK	23800	1RB#49	-27.85,-35.07	PASS
Band17	10MHz	QPSK	23800	50RB#0	-27.75,-28.06	PASS
Band17	10MHz	16QAM	23780	1RB#0	-33.75,-28.69	PASS
Band17	10MHz	16QAM	23780	1RB#49	-52.77,-51.04	PASS
Band17	10MHz	16QAM	23780	50RB#0	-28.68,-28.28	PASS
Band17	10MHz	16QAM	23800	1RB#0	-52.47,-52.86	PASS
Band17	10MHz	16QAM	23800	1RB#49	-27.54,-33.16	PASS
Band17	10MHz	16QAM	23800	50RB#0	-29.81,-31.19	PASS

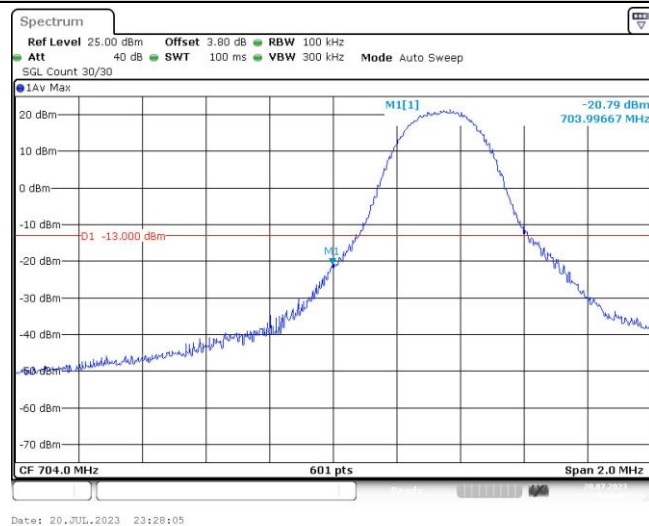
Test Graphs



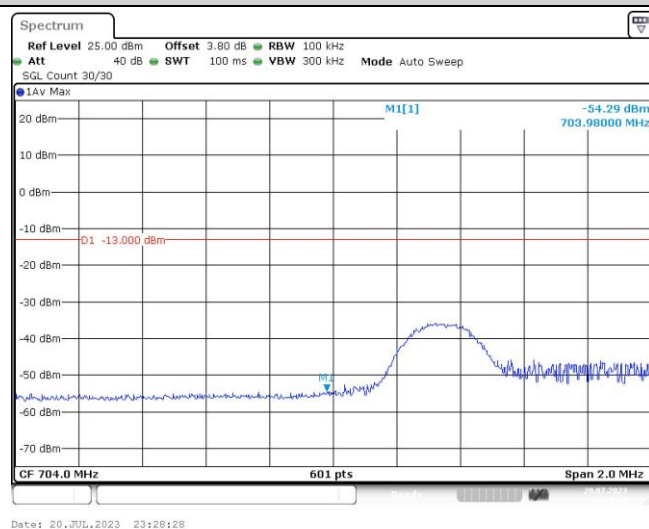




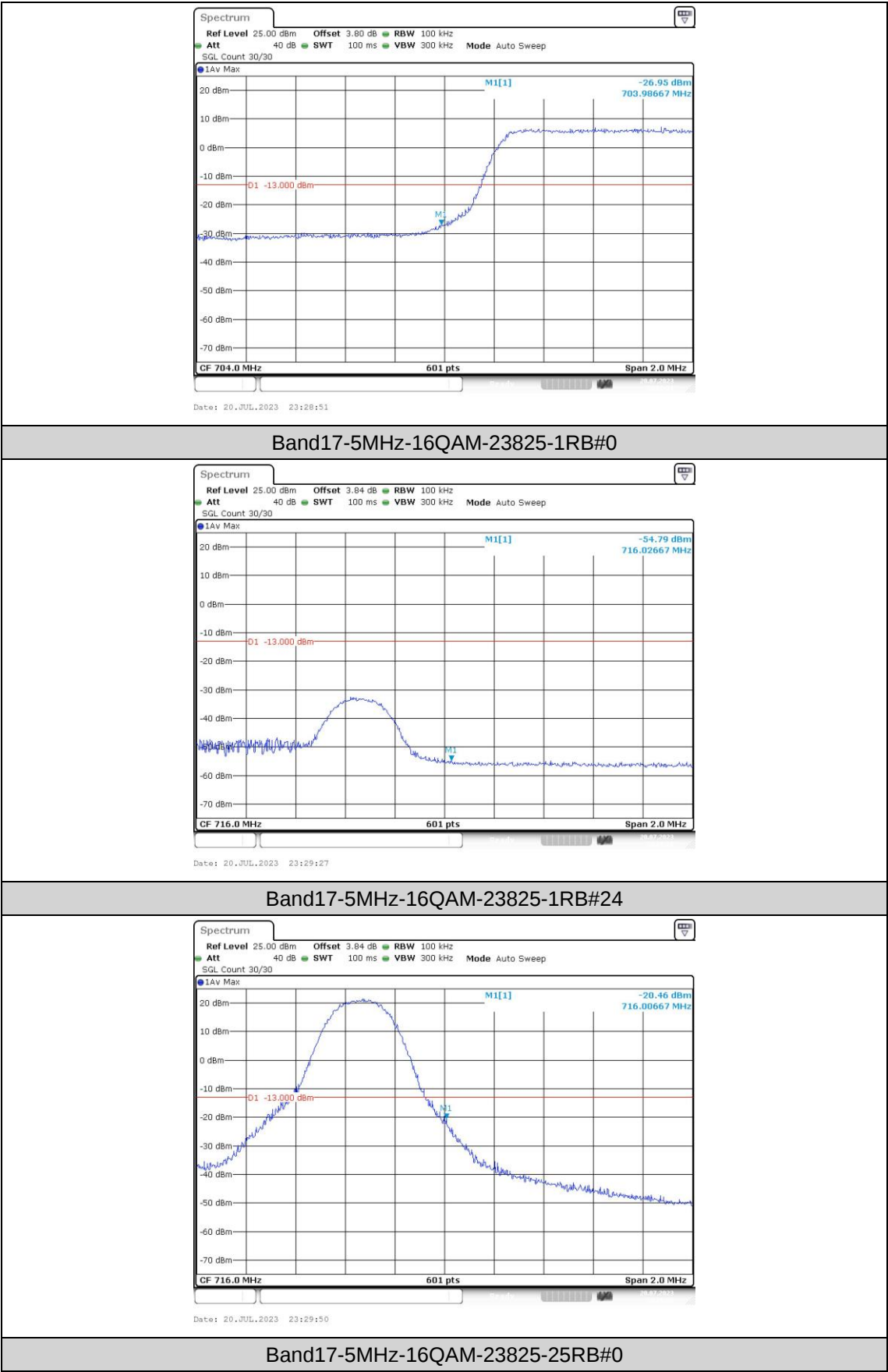
Band17-5MHz-16QAM-23755-1RB#0

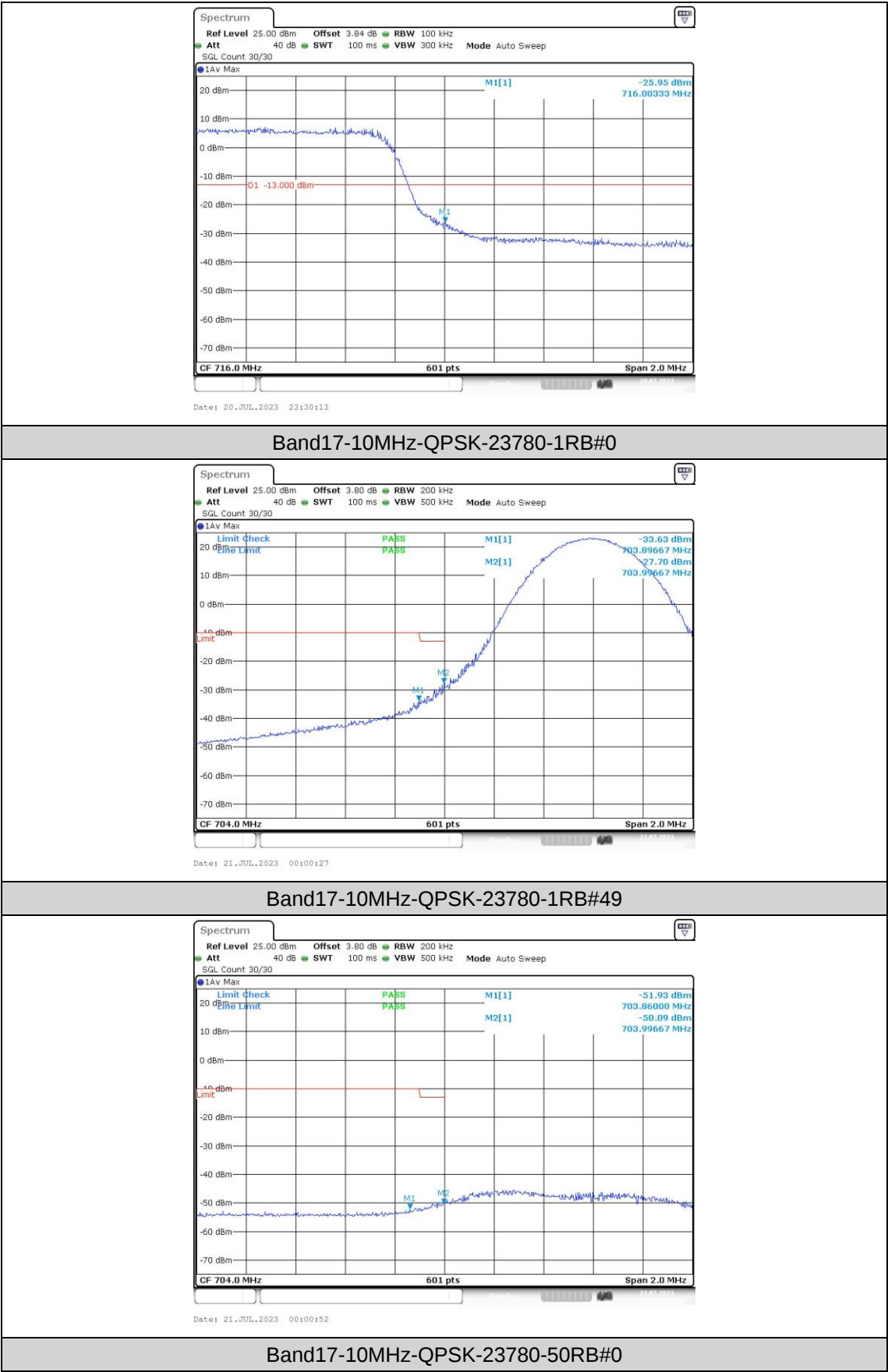


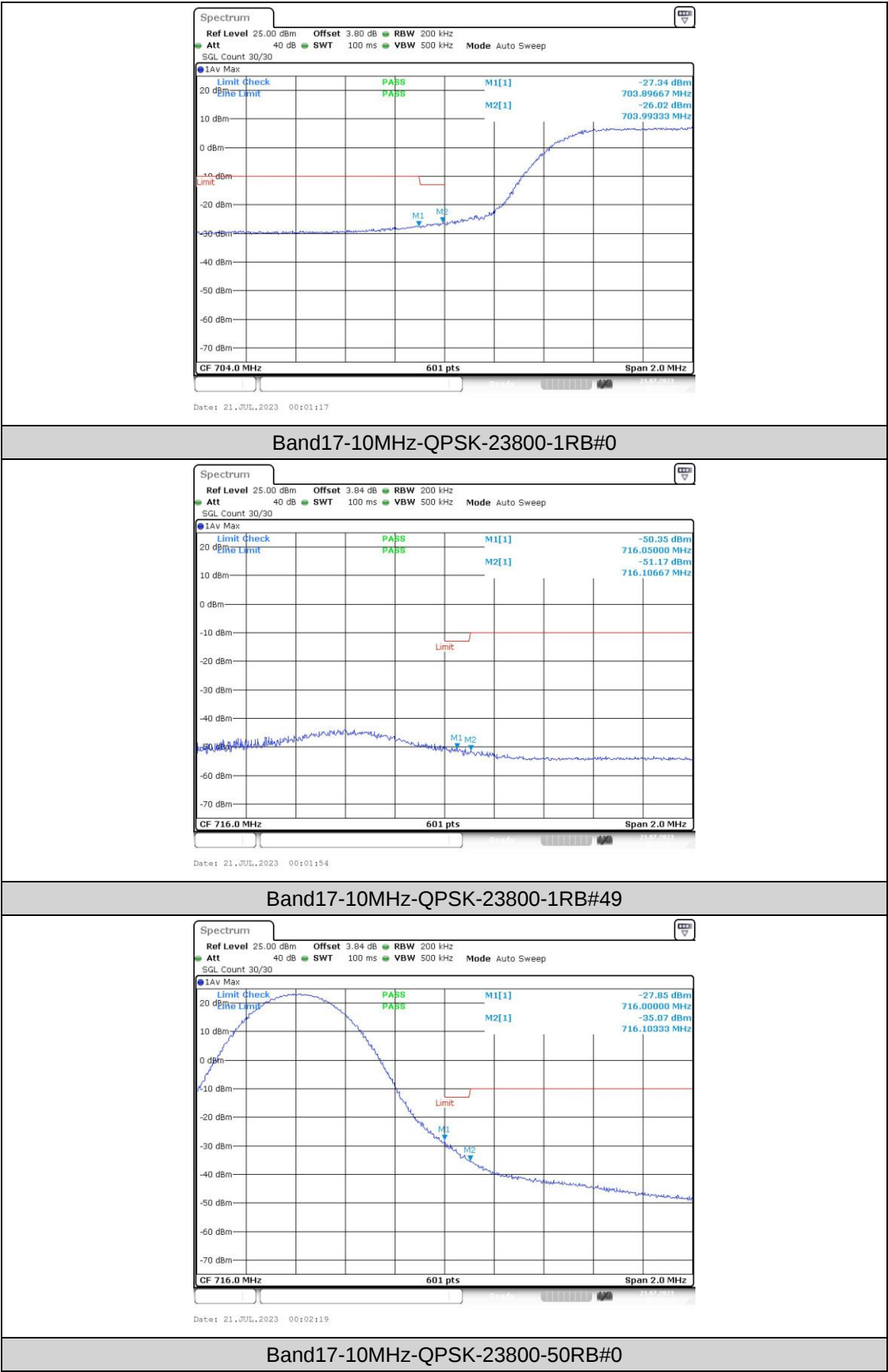
Band17-5MHz-16QAM-23755-1RB#24

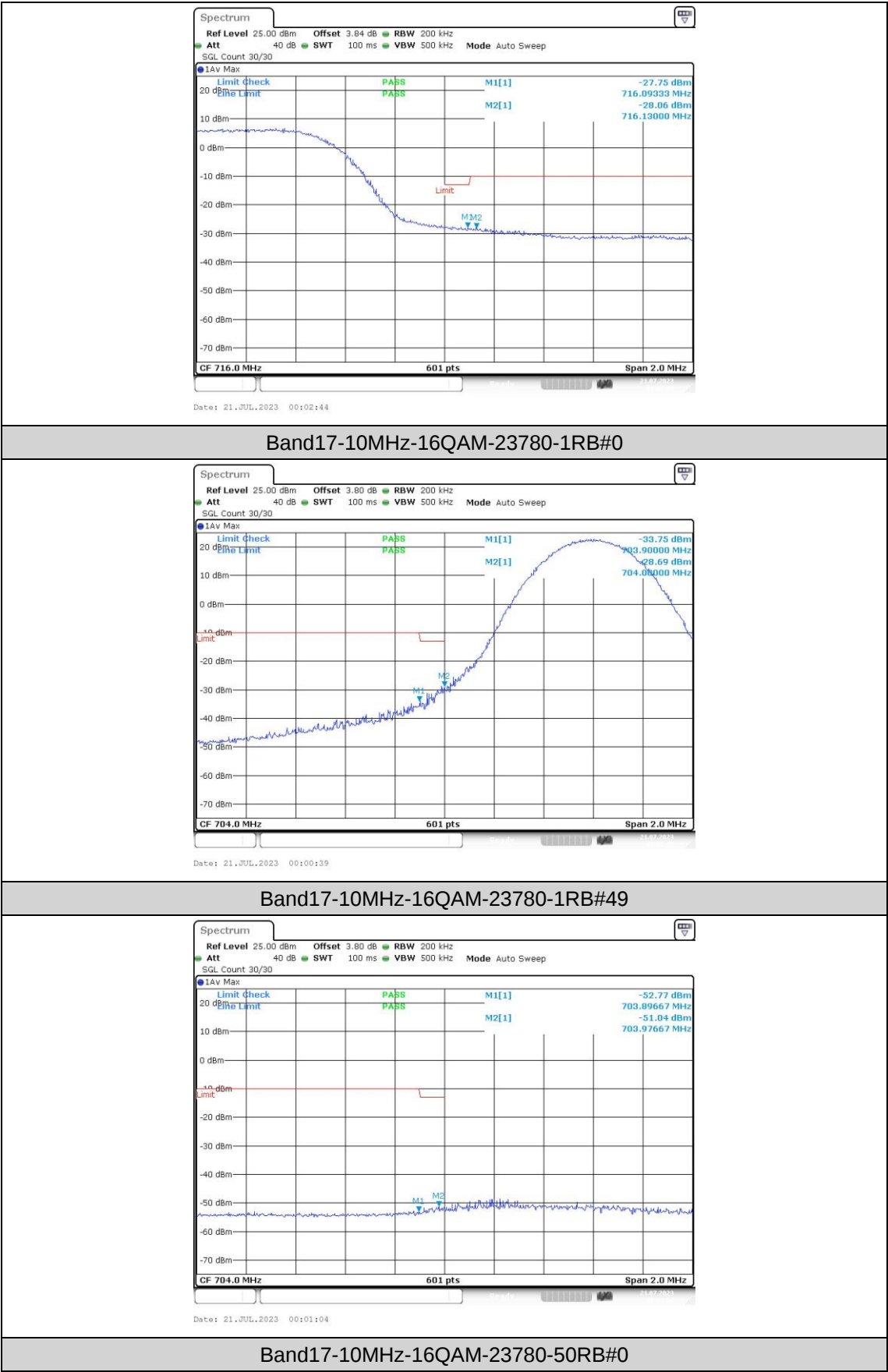


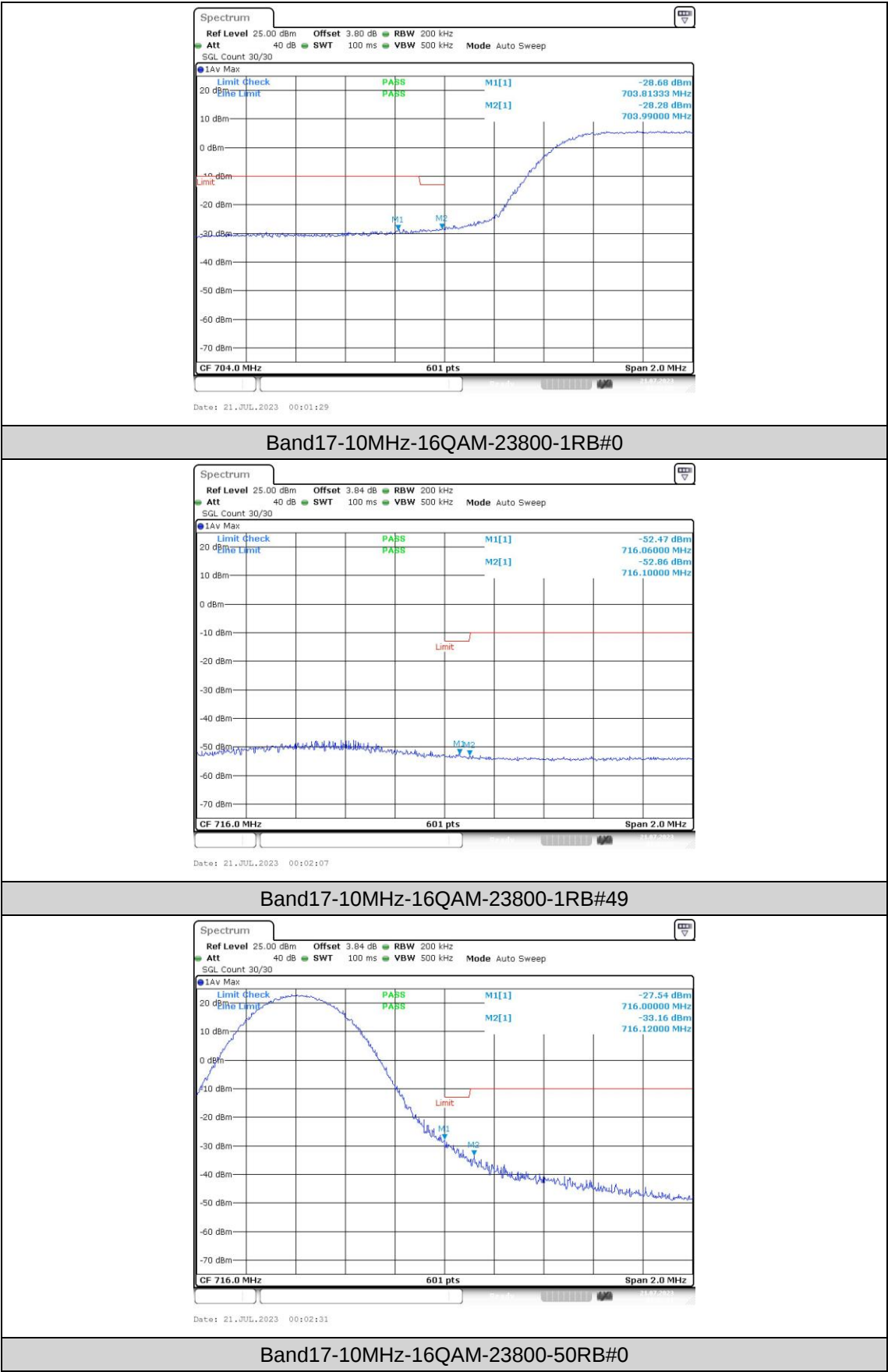
Band17-5MHz-16QAM-23755-25RB#0

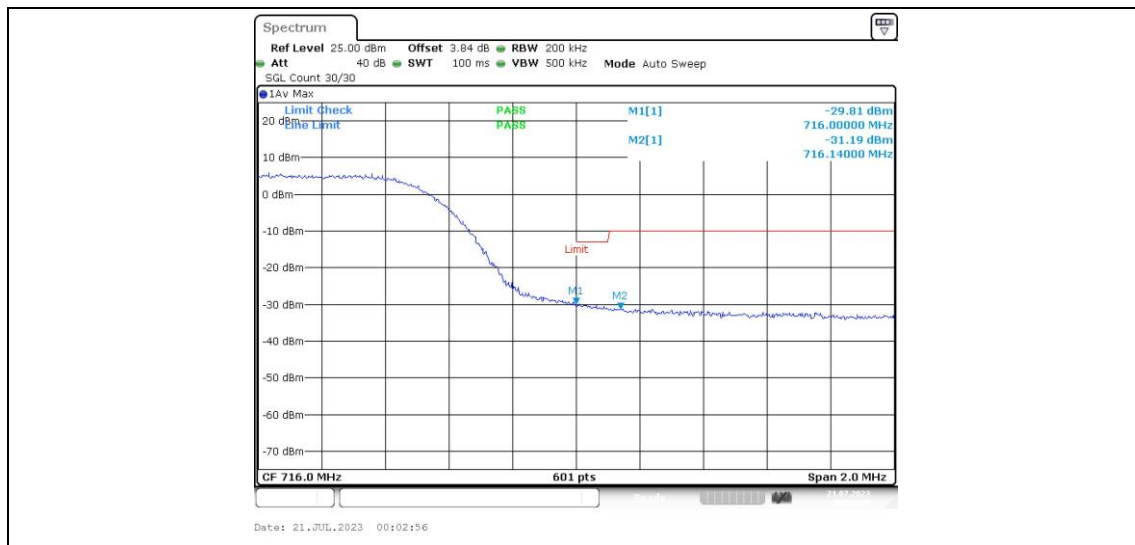












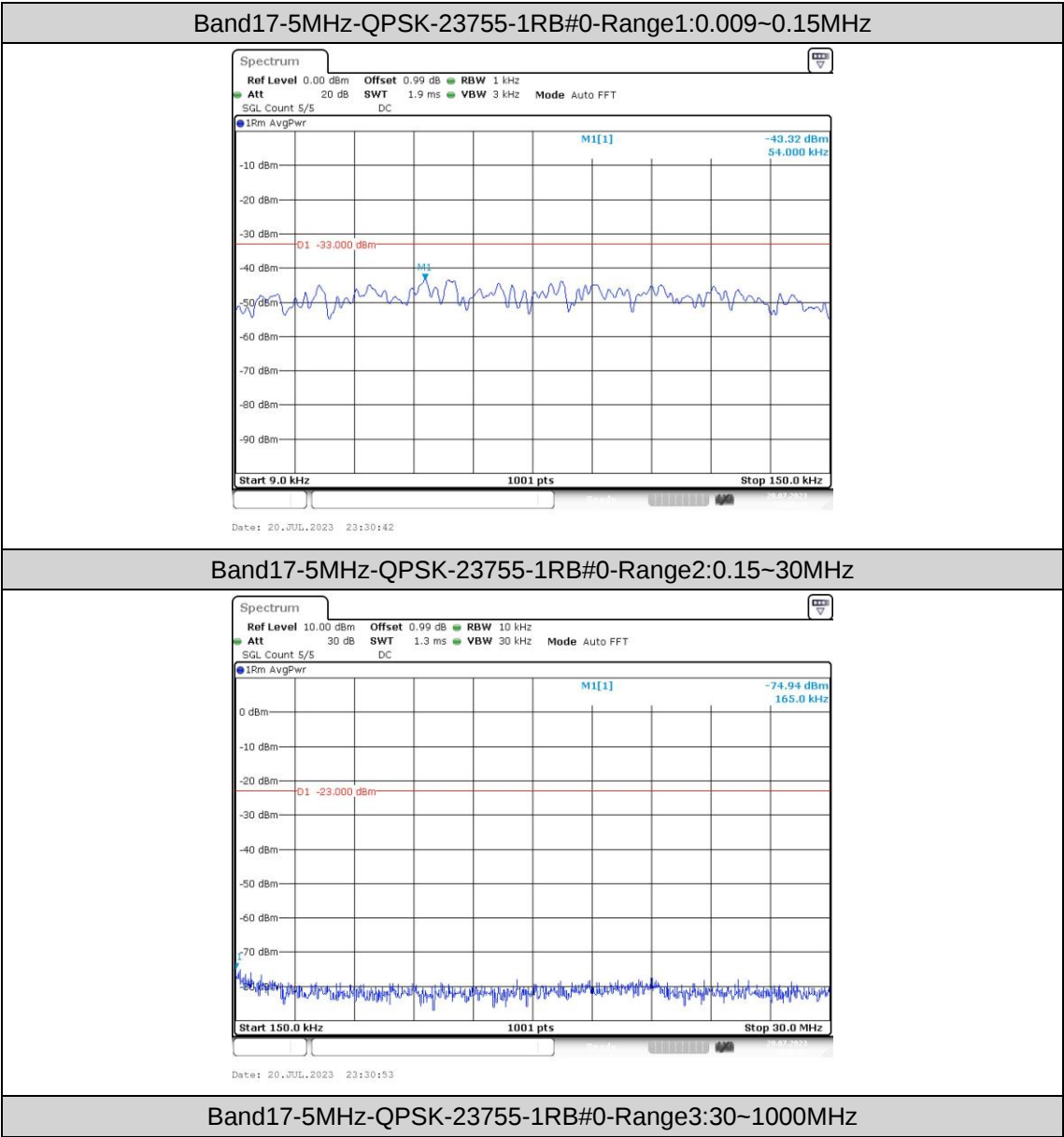
Appendix E: Conducted Spurious Emission

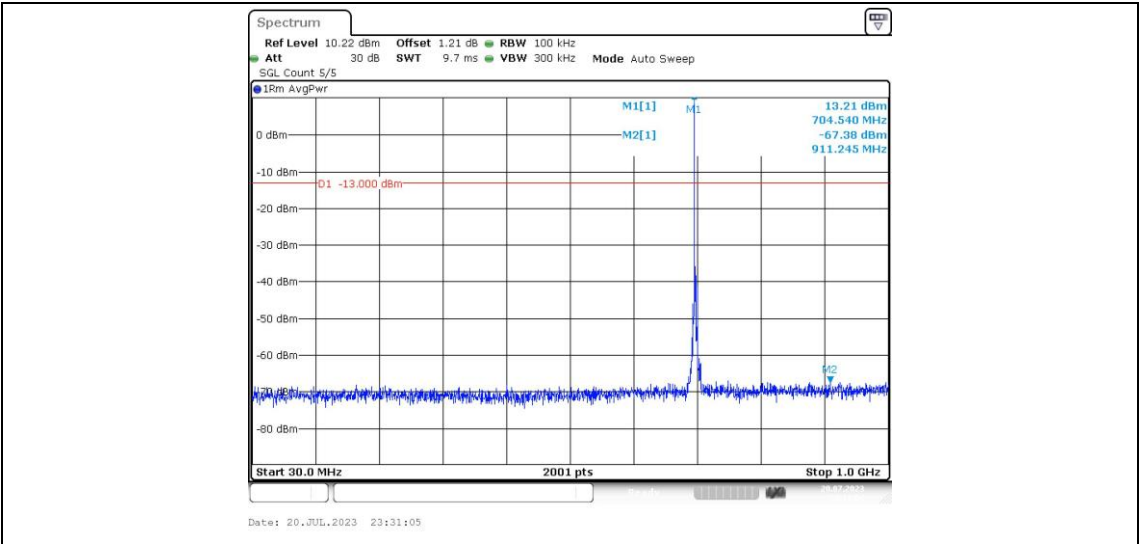
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band17	5MHz	QPSK	23755	1RB#0	Range1:0.009~0.15MHz	-43.32	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range2:0.15~30MHz	-74.94	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range3:30~1000MHz	-67.38	PASS
Band17	5MHz	QPSK	23755	1RB#0	Range4:1000~10000MHz	-43.31	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range1:0.009~0.15MHz	-42.85	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range2:0.15~30MHz	-74.62	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range3:30~1000MHz	-66.58	PASS
Band17	5MHz	QPSK	23790	1RB#0	Range4:1000~10000MHz	-43.22	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range1:0.009~0.15MHz	-43.94	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range2:0.15~30MHz	-74.73	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range3:30~1000MHz	-66.37	PASS
Band17	5MHz	QPSK	23825	1RB#0	Range4:1000~10000MHz	-46.99	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range1:0.009~0.15MHz	-46.01	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range2:0.15~30MHz	-72.95	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range3:30~1000MHz	-66.73	PASS
Band17	5MHz	16QAM	23755	1RB#0	Range4:1000~10000MHz	-47.81	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range1:0.009~0.15MHz	-42.69	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range2:0.15~30MHz	-73.70	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range3:30~1000MHz	-67.00	PASS
Band17	5MHz	16QAM	23790	1RB#0	Range4:1000~10000MHz	-47.36	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range1:0.009~0.15MHz	-44.73	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range2:0.15~30MHz	-74.16	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range3:30~1000MHz	-66.94	PASS
Band17	5MHz	16QAM	23825	1RB#0	Range4:1000~10000MHz	-44.41	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range1:0.009~0.15MHz	-41.45	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range2:0.15~30MHz	-73.88	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range3:30~1000MHz	-66.67	PASS
Band17	10MHz	QPSK	23780	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range1:0.009~0.15MHz	-42.41	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range2:0.15~30MHz	-73.10	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range3:30~1000MHz	-67.08	PASS
Band17	10MHz	QPSK	23790	1RB#0	Range4:1000~10000MHz	-43.56	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range1:0.009~0.15MHz	-43.65	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range2:0.15~30MHz	-74.61	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range3:30~1000MHz	-66.65	PASS
Band17	10MHz	QPSK	23800	1RB#0	Range4:1000~10000MHz	-41.28	PASS

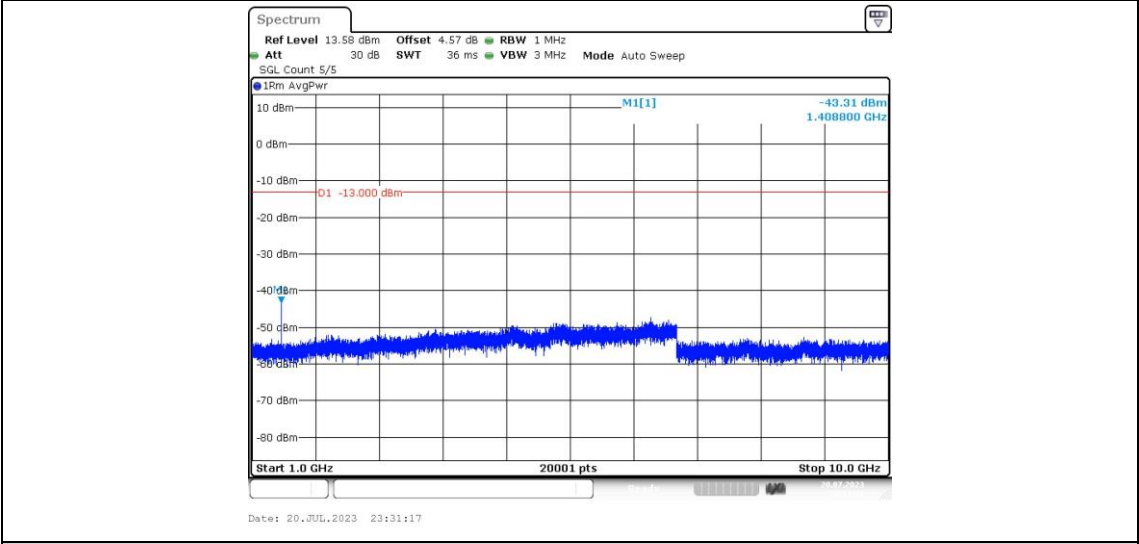
Band17	10MHz	16QAM	23780	1RB#0	Range1:0.009~0.15MHz	-43.94	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range2:0.15~30MHz	-75.05	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range3:30~1000MHz	-66.54	PASS
Band17	10MHz	16QAM	23780	1RB#0	Range4:1000~10000MHz	-41.39	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range1:0.009~0.15MHz	-43.08	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range2:0.15~30MHz	-73.88	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range3:30~1000MHz	-67.05	PASS
Band17	10MHz	16QAM	23790	1RB#0	Range4:1000~10000MHz	-45.52	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range1:0.009~0.15MHz	-45.41	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range2:0.15~30MHz	-74.34	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range3:30~1000MHz	-66.72	PASS
Band17	10MHz	16QAM	23800	1RB#0	Range4:1000~10000MHz	-46.51	PASS

Test Graphs

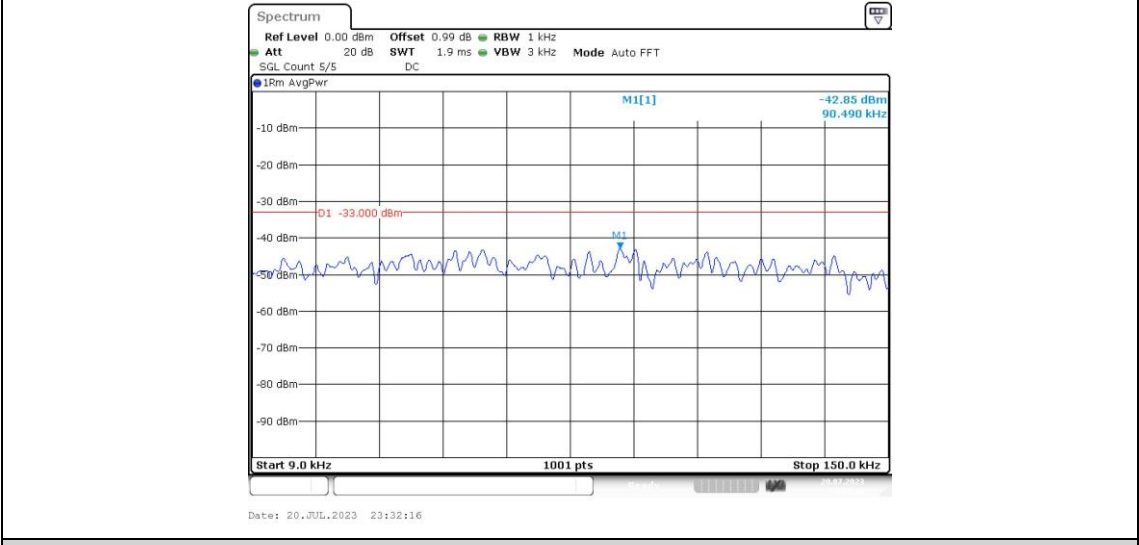




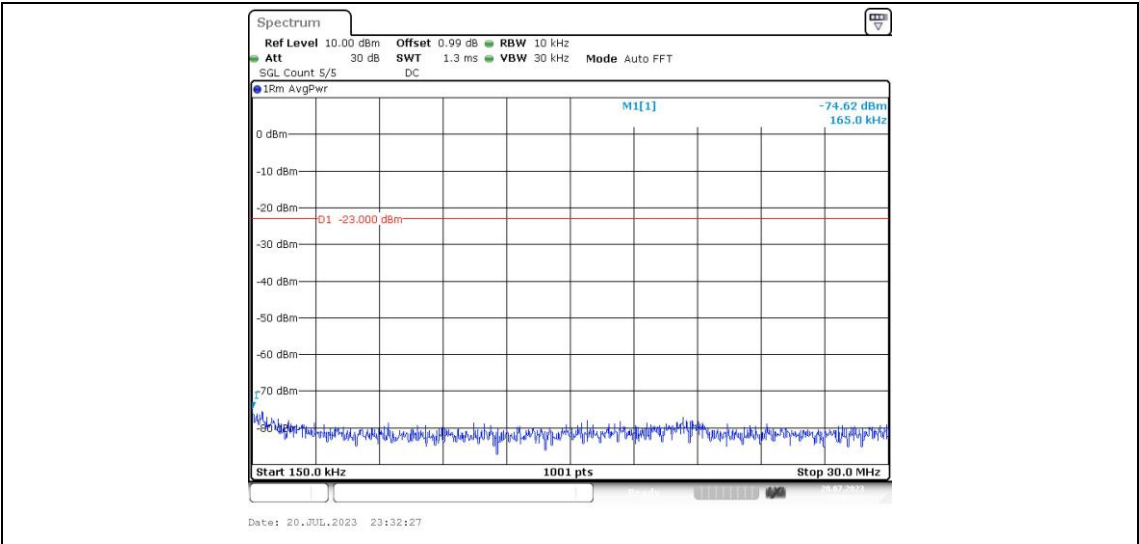
Band17-5MHz-QPSK-23755-1RB#0-Range4:1000~10000MHz



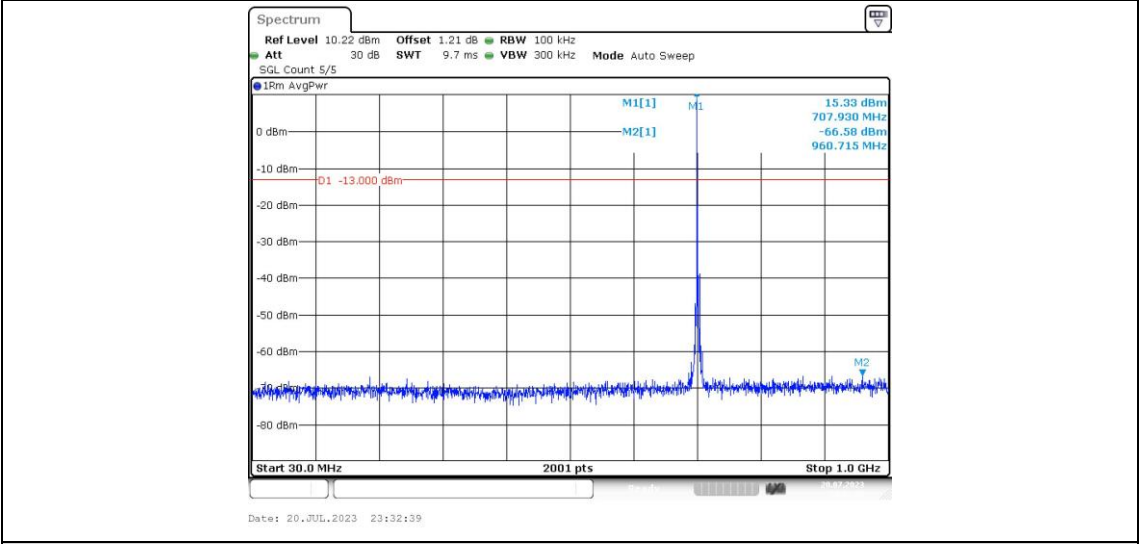
Band17-5MHz-QPSK-23790-1RB#0-Range1:0.009~0.15MHz



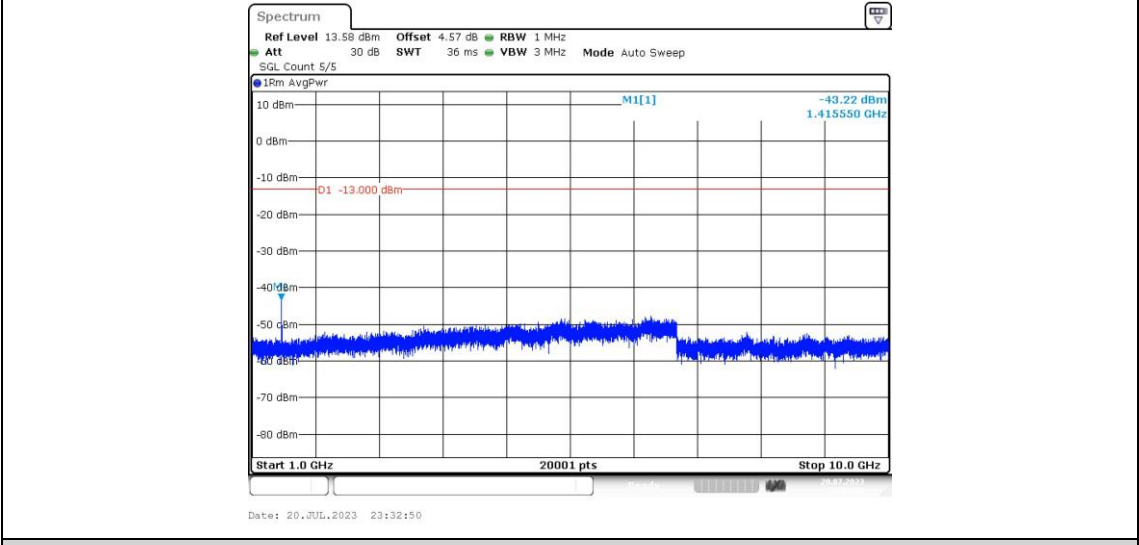
Band17-5MHz-QPSK-23790-1RB#0-Range2:0.15~30MHz



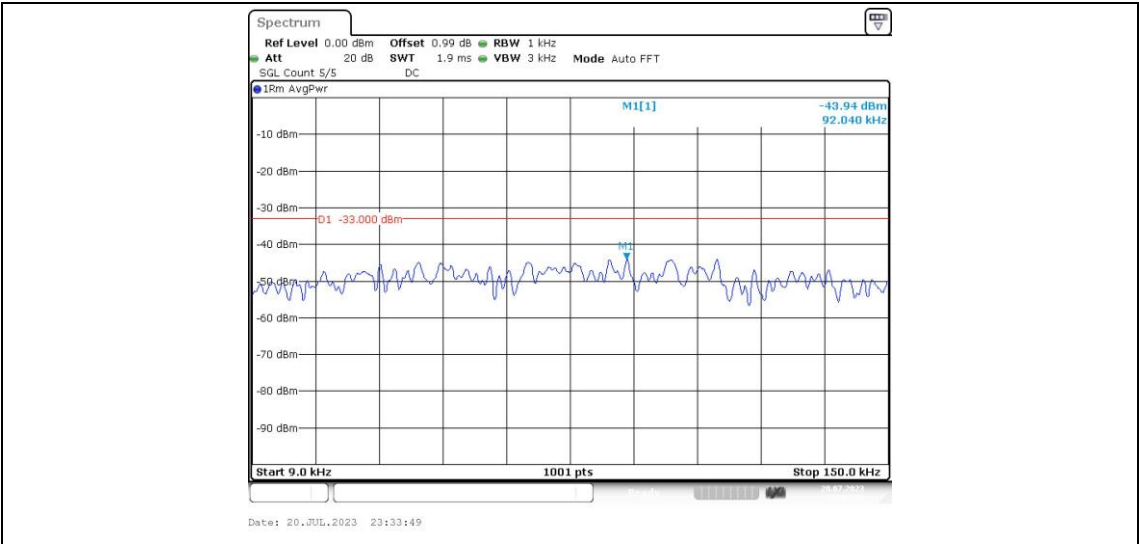
Band17-5MHz-QPSK-23790-1RB#0-Range3:30~1000MHz



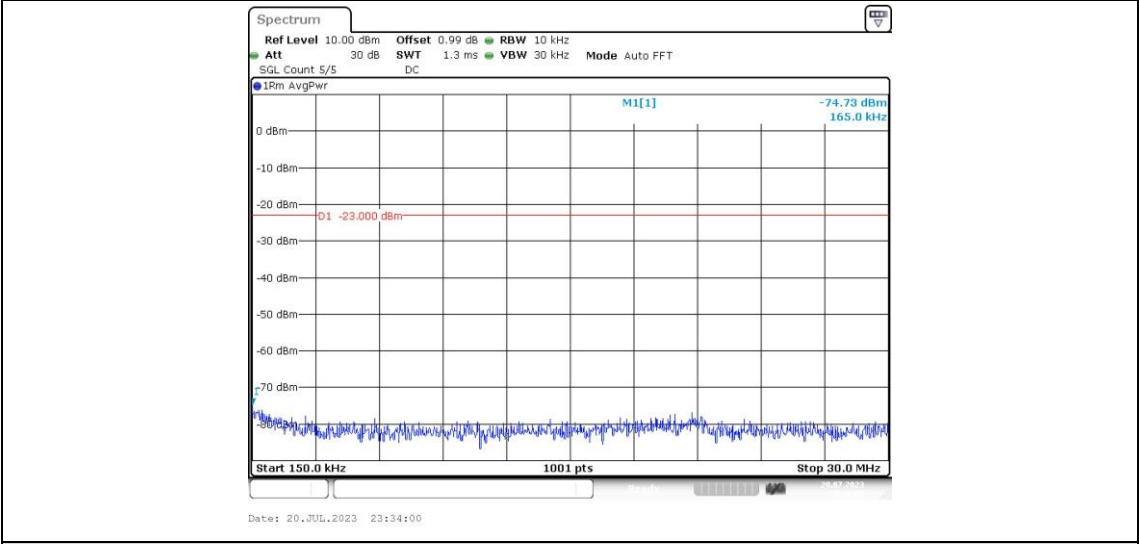
Band17-5MHz-QPSK-23790-1RB#0-Range4:1000~10000MHz



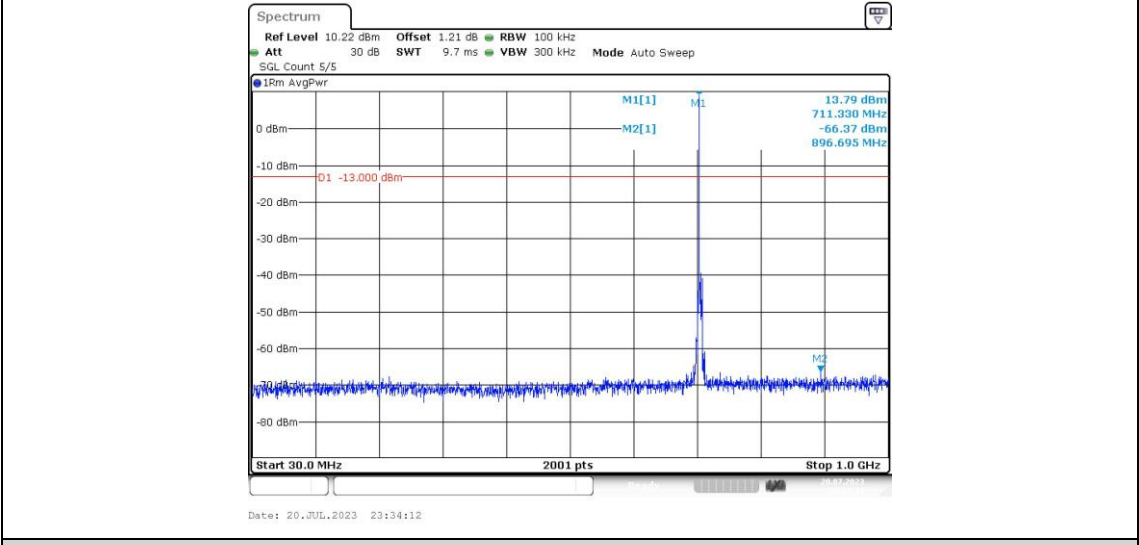
Band17-5MHz-QPSK-23825-1RB#0-Range1:0.009~0.15MHz



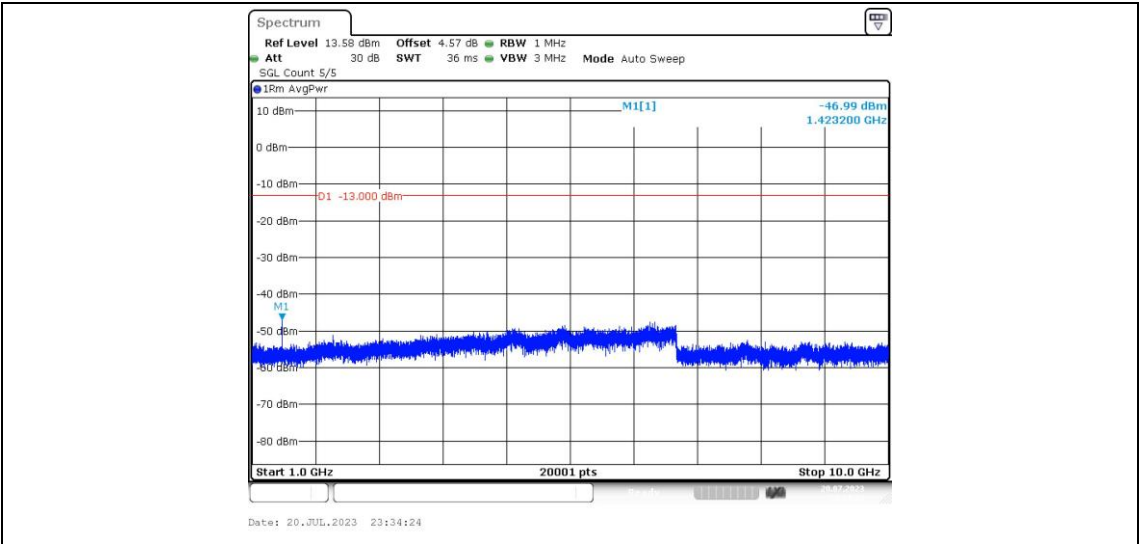
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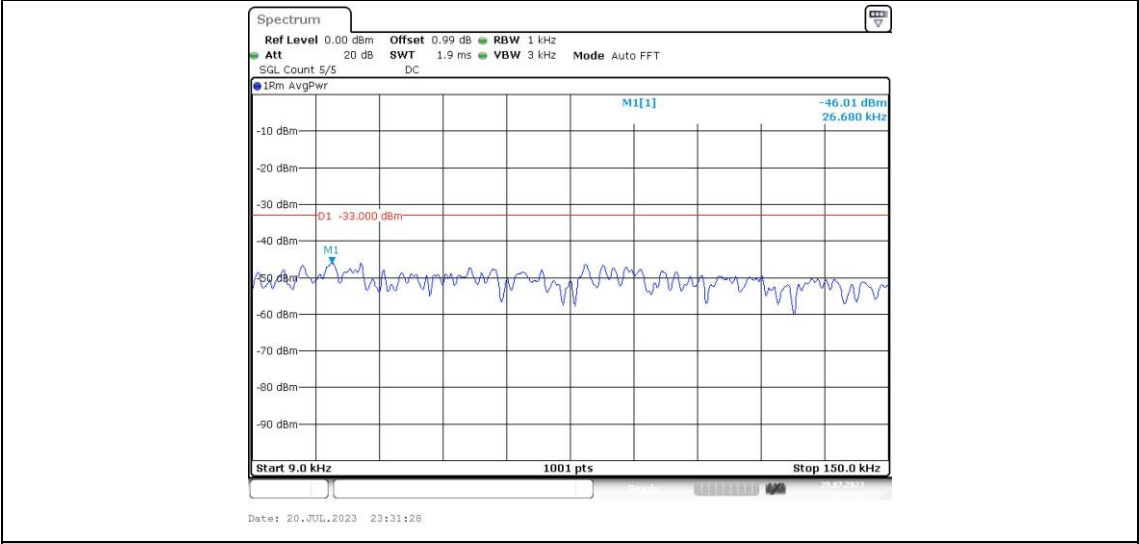
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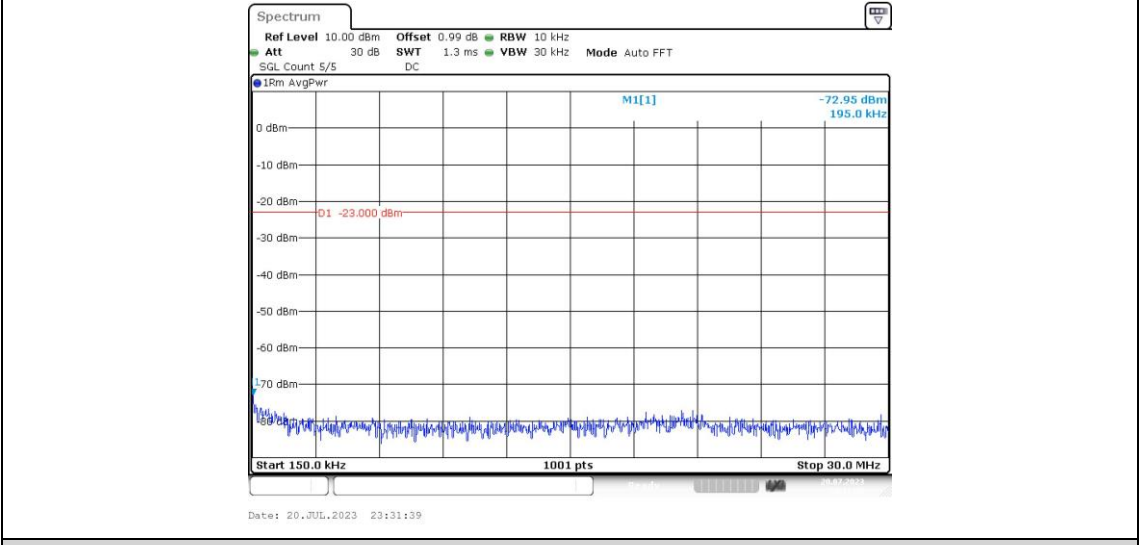
Band17-5MHz-QPSK-23825-1RB#0-Range4:1000~10000MHz



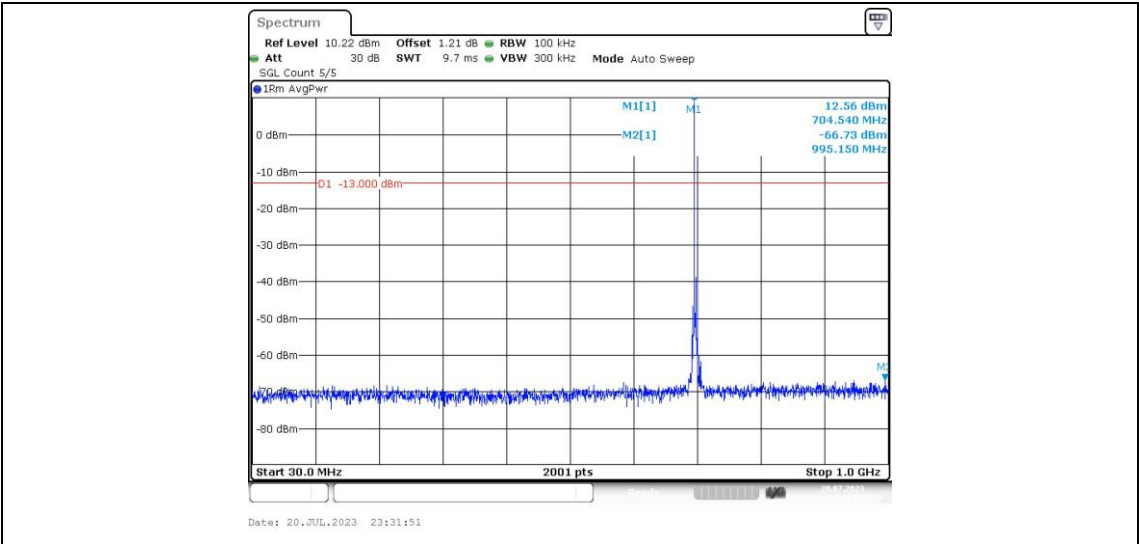
Band17-5MHz-16QAM-23755-1RB#0-Range1:0.009~0.15MHz



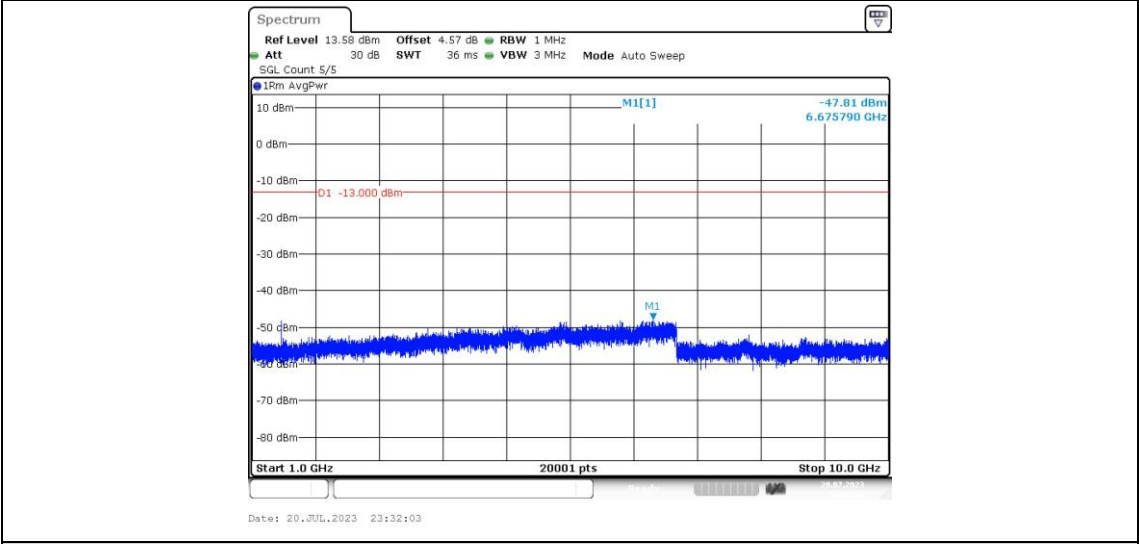
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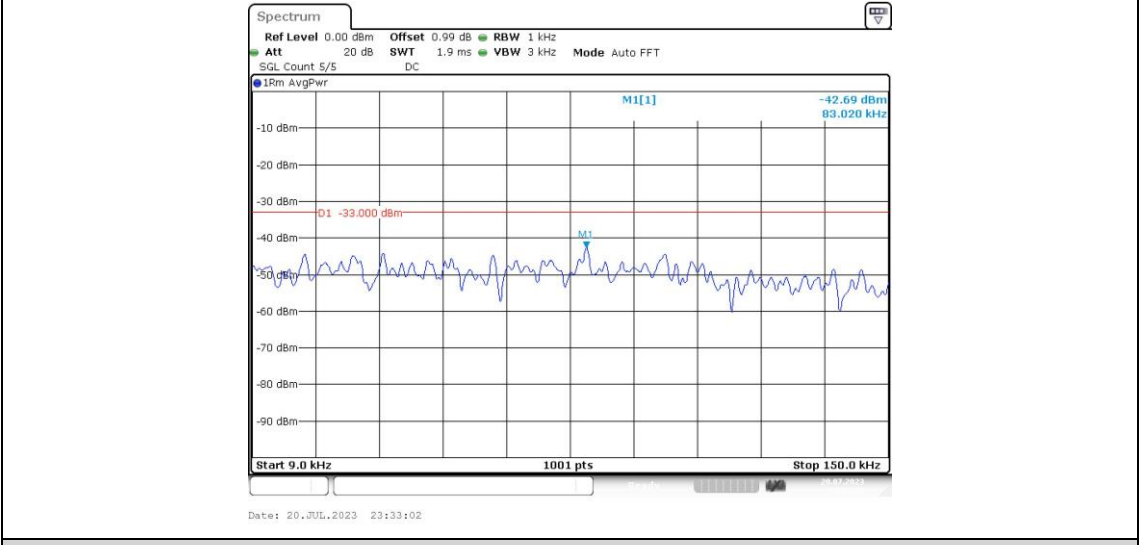
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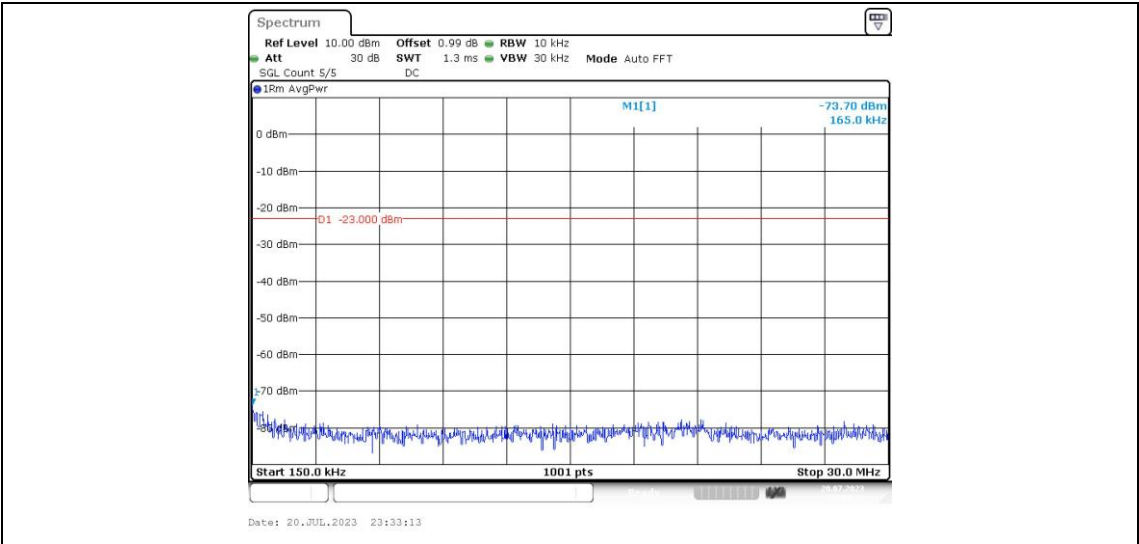
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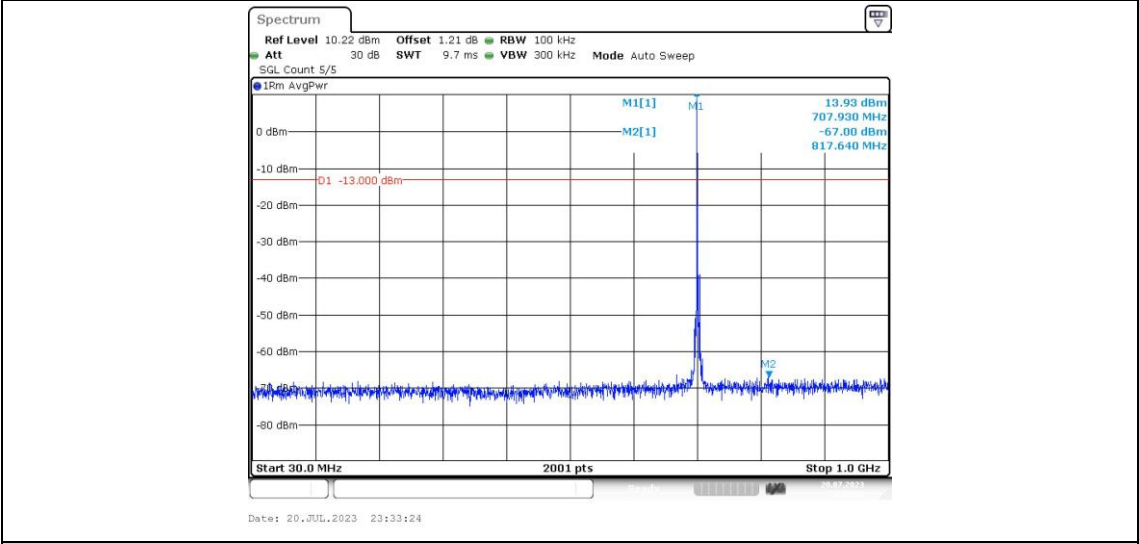
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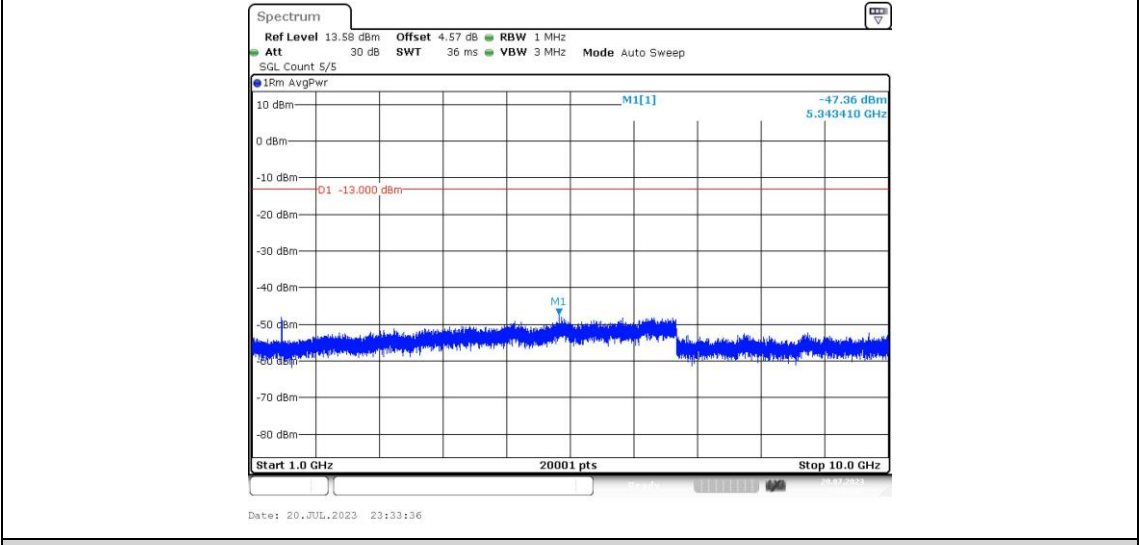
Band17-5MHz-16QAM-23790-1RB#0-Range2:0.15~30MHz



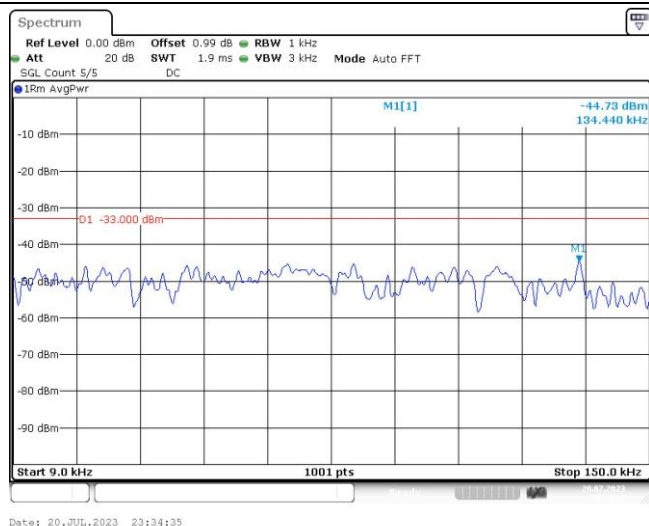
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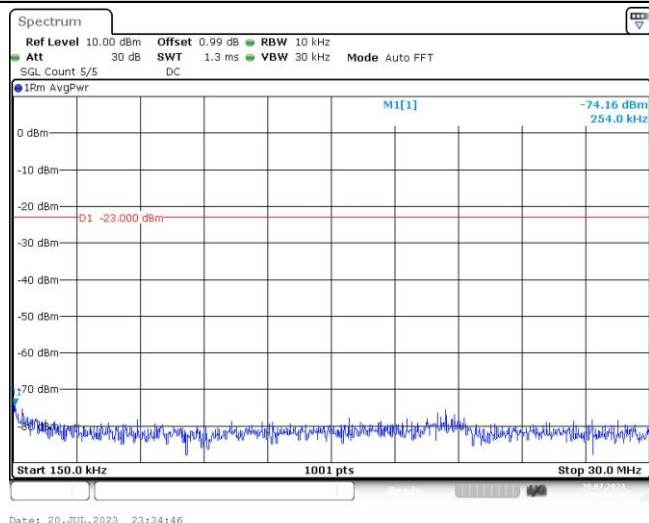
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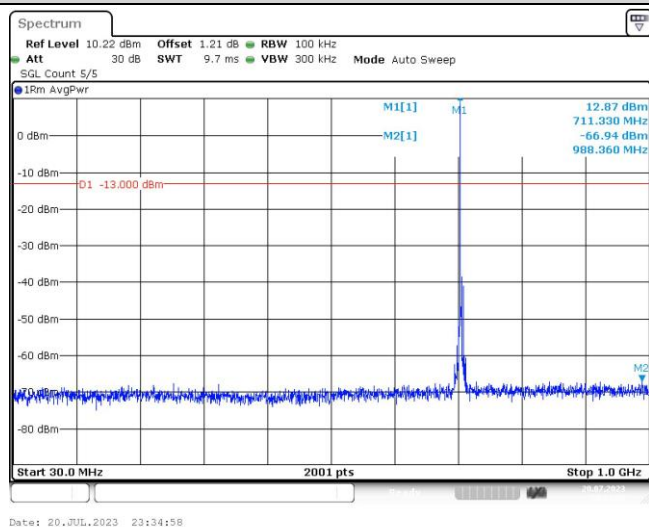
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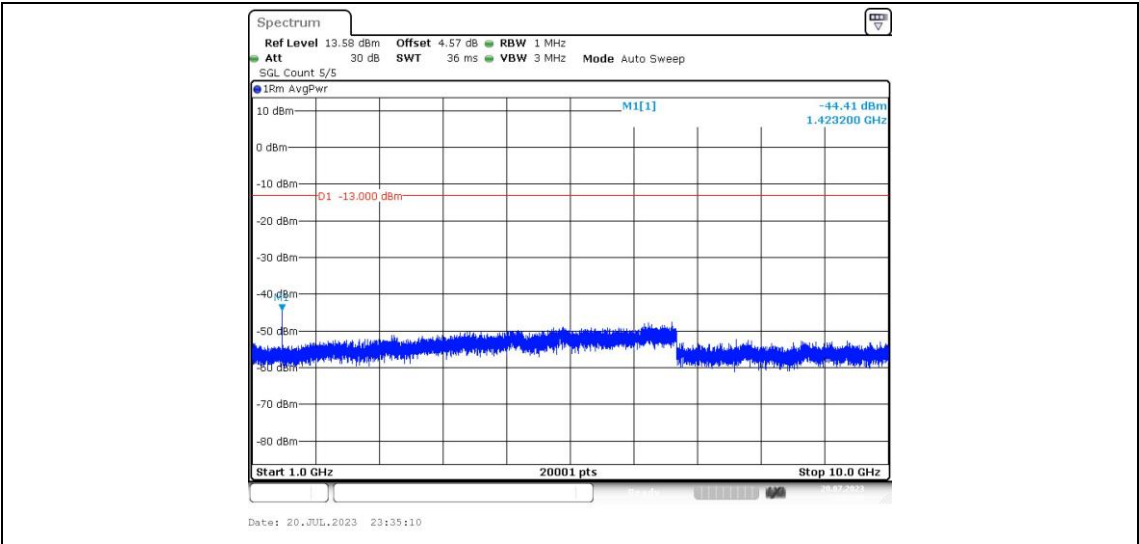
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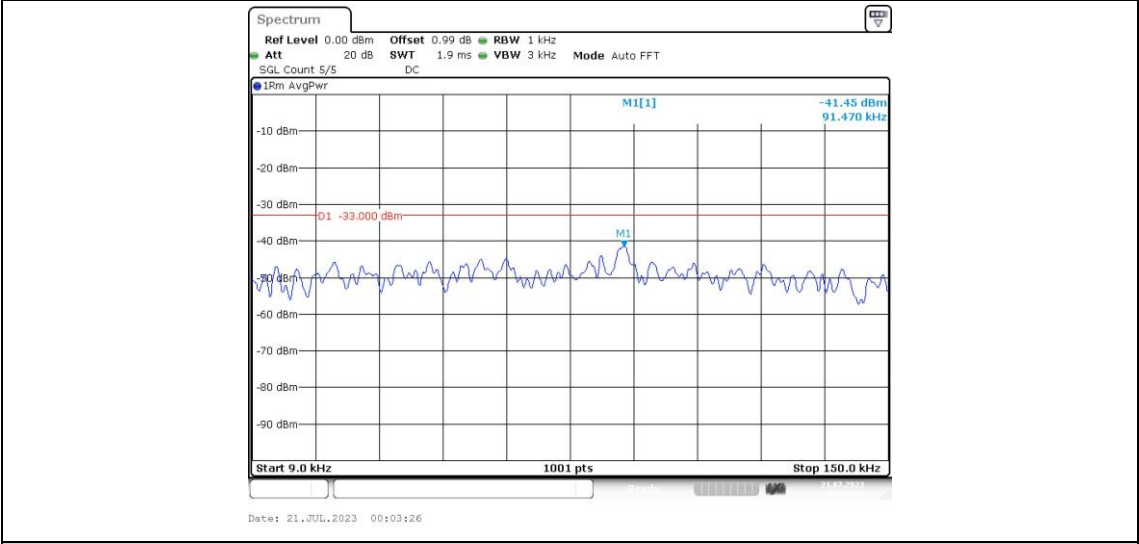
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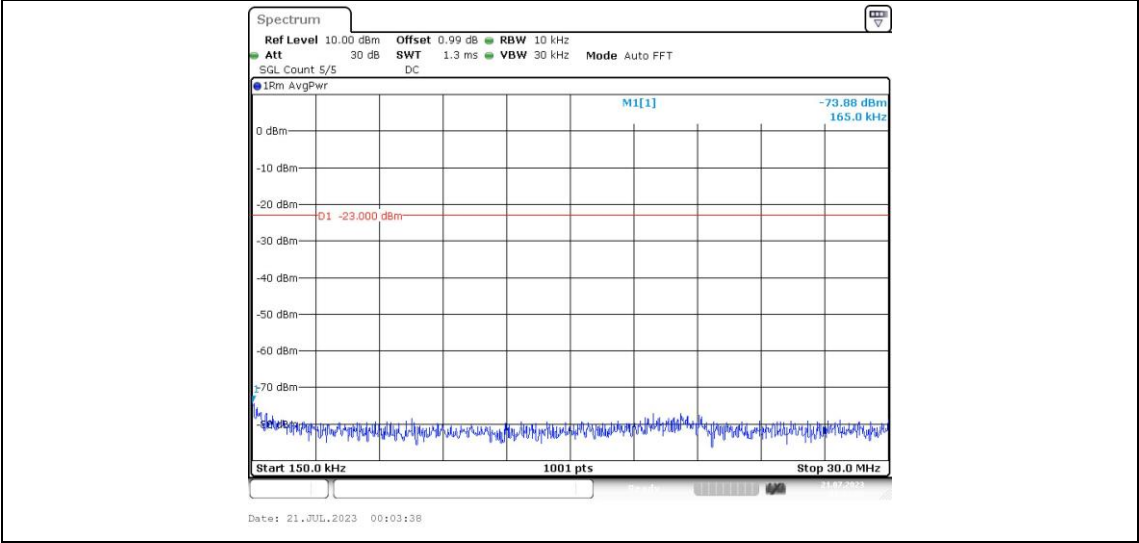
Band17-5MHz-16QAM-23825-1RB#0-Range4:1000~10000MHz



Band17-10MHz-QPSK-23780-1RB#0-Range1:0.009~0.15MHz



Band17-10MHz-QPSK-23780-1RB#0-Range2:0.15~30MHz



Band17-10MHz-QPSK-23780-1RB#0-Range3:30~1000MHz