

## LTE Band 40 Test Data:

### Appendix A: Effective (Isotropic) Radiated Power Output Data

#### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band40	5MHz	QPSK	38725	1RB#0	19.83	PASS
Band40	5MHz	QPSK	38725	1RB#12	19.79	PASS
Band40	5MHz	QPSK	38725	1RB#24	19.72	PASS
Band40	5MHz	QPSK	38725	12RB#0	19.31	PASS
Band40	5MHz	QPSK	38725	12RB#6	19.28	PASS
Band40	5MHz	QPSK	38725	12RB#13	19.25	PASS
Band40	5MHz	QPSK	38725	25RB#0	19.33	PASS
Band40	5MHz	QPSK	38750	1RB#0	19.91	PASS
Band40	5MHz	QPSK	38750	1RB#12	19.85	PASS
Band40	5MHz	QPSK	38750	1RB#24	19.85	PASS
Band40	5MHz	QPSK	38750	12RB#0	19.27	PASS
Band40	5MHz	QPSK	38750	12RB#6	19.27	PASS
Band40	5MHz	QPSK	38750	12RB#13	19.24	PASS
Band40	5MHz	QPSK	38750	25RB#0	19.30	PASS
Band40	5MHz	QPSK	38775	1RB#0	19.78	PASS
Band40	5MHz	QPSK	38775	1RB#12	19.79	PASS
Band40	5MHz	QPSK	38775	1RB#24	19.84	PASS
Band40	5MHz	QPSK	38775	12RB#0	19.19	PASS
Band40	5MHz	QPSK	38775	12RB#6	19.22	PASS
Band40	5MHz	QPSK	38775	12RB#13	19.22	PASS
Band40	5MHz	QPSK	38775	25RB#0	19.21	PASS
Band40	5MHz	16QAM	38725	1RB#0	19.51	PASS
Band40	5MHz	16QAM	38725	1RB#12	19.45	PASS
Band40	5MHz	16QAM	38725	1RB#24	19.39	PASS
Band40	5MHz	16QAM	38725	12RB#0	18.67	PASS
Band40	5MHz	16QAM	38725	12RB#6	18.64	PASS
Band40	5MHz	16QAM	38725	12RB#13	18.60	PASS
Band40	5MHz	16QAM	38725	25RB#0	18.68	PASS
Band40	5MHz	16QAM	38750	1RB#0	19.33	PASS
Band40	5MHz	16QAM	38750	1RB#12	19.27	PASS
Band40	5MHz	16QAM	38750	1RB#24	19.26	PASS

Band40	5MHz	16QAM	38750	12RB#0	18.55	PASS
Band40	5MHz	16QAM	38750	12RB#6	18.56	PASS
Band40	5MHz	16QAM	38750	12RB#13	18.49	PASS
Band40	5MHz	16QAM	38750	25RB#0	18.58	PASS
Band40	5MHz	16QAM	38775	1RB#0	19.48	PASS
Band40	5MHz	16QAM	38775	1RB#12	19.45	PASS
Band40	5MHz	16QAM	38775	1RB#24	19.49	PASS
Band40	5MHz	16QAM	38775	12RB#0	18.45	PASS
Band40	5MHz	16QAM	38775	12RB#6	18.51	PASS
Band40	5MHz	16QAM	38775	12RB#13	18.50	PASS
Band40	5MHz	16QAM	38775	25RB#0	18.59	PASS
Band40	10MHz	QPSK	38750	1RB#0	20.07	PASS
Band40	10MHz	QPSK	38750	1RB#24	19.90	PASS
Band40	10MHz	QPSK	38750	1RB#49	19.95	PASS
Band40	10MHz	QPSK	38750	25RB#0	19.43	PASS
Band40	10MHz	QPSK	38750	25RB#12	19.46	PASS
Band40	10MHz	QPSK	38750	25RB#25	19.38	PASS
Band40	10MHz	QPSK	38750	50RB#0	19.49	PASS
Band40	10MHz	16QAM	38750	1RB#0	19.64	PASS
Band40	10MHz	16QAM	38750	1RB#24	19.41	PASS
Band40	10MHz	16QAM	38750	1RB#49	19.56	PASS
Band40	10MHz	16QAM	38750	25RB#0	18.87	PASS
Band40	10MHz	16QAM	38750	25RB#12	18.86	PASS
Band40	10MHz	16QAM	38750	25RB#25	18.80	PASS
Band40	10MHz	16QAM	38750	50RB#0	18.77	PASS

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

### Test Result

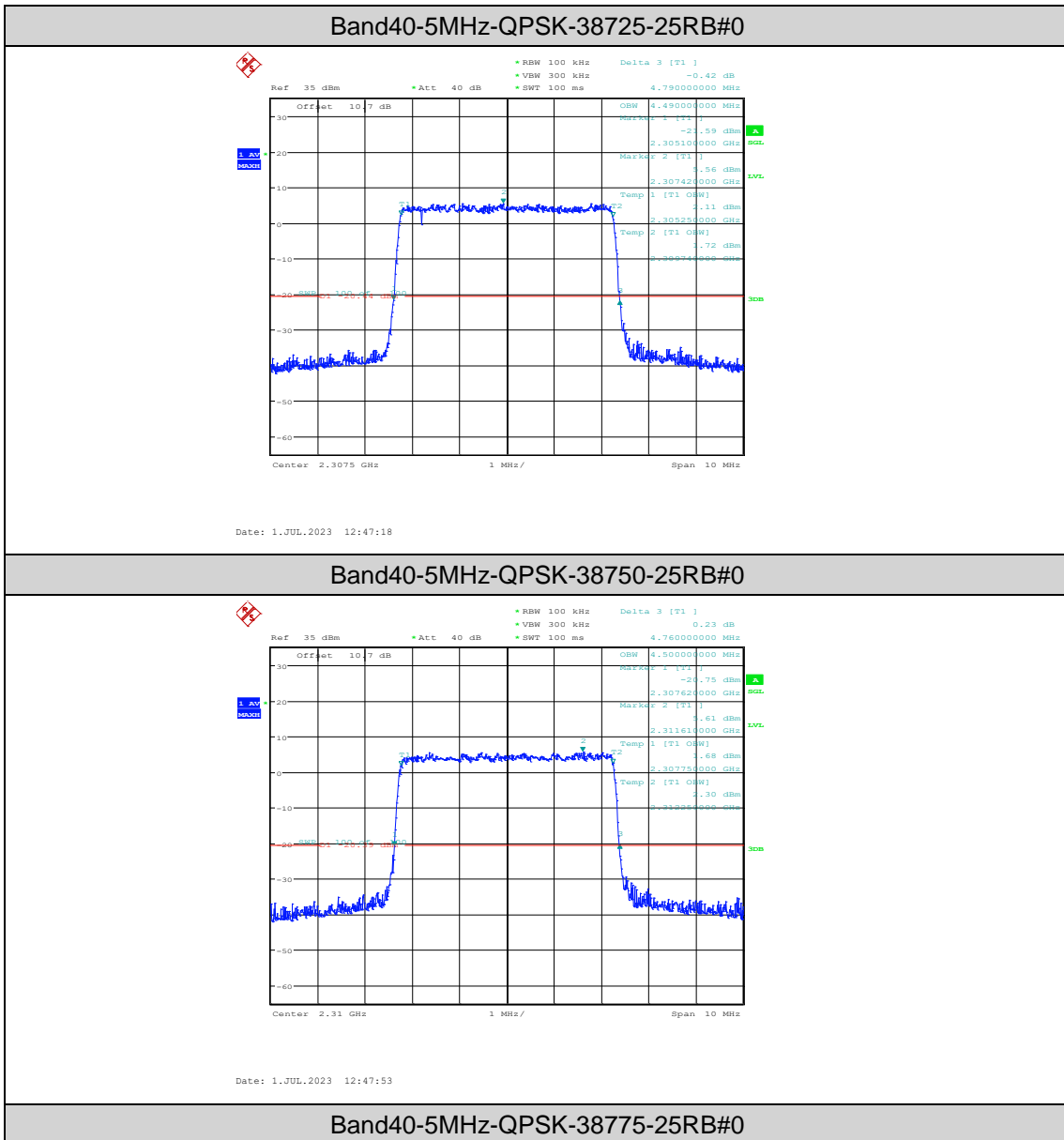
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band40	5MHz	QPSK	38725	1RB#0	5.37	13	PASS
Band40	5MHz	QPSK	38725	25RB#0	4.76	13	PASS
Band40	5MHz	QPSK	38750	1RB#0	4.99	13	PASS
Band40	5MHz	QPSK	38750	25RB#0	5.11	13	PASS
Band40	5MHz	QPSK	38775	1RB#0	5.02	13	PASS
Band40	5MHz	QPSK	38775	25RB#0	4.71	13	PASS
Band40	5MHz	16QAM	38725	1RB#0	5.01	13	PASS
Band40	5MHz	16QAM	38725	25RB#0	5.50	13	PASS
Band40	5MHz	16QAM	38750	1RB#0	5.43	13	PASS
Band40	5MHz	16QAM	38750	25RB#0	4.92	13	PASS
Band40	5MHz	16QAM	38775	1RB#0	5.51	13	PASS
Band40	5MHz	16QAM	38775	25RB#0	5.16	13	PASS
Band40	10MHz	QPSK	38750	1RB#0	4.92	13	PASS
Band40	10MHz	QPSK	38750	50RB#0	5.53	13	PASS
Band40	10MHz	16QAM	38750	1RB#0	5.21	13	PASS
Band40	10MHz	16QAM	38750	50RB#0	5.52	13	PASS

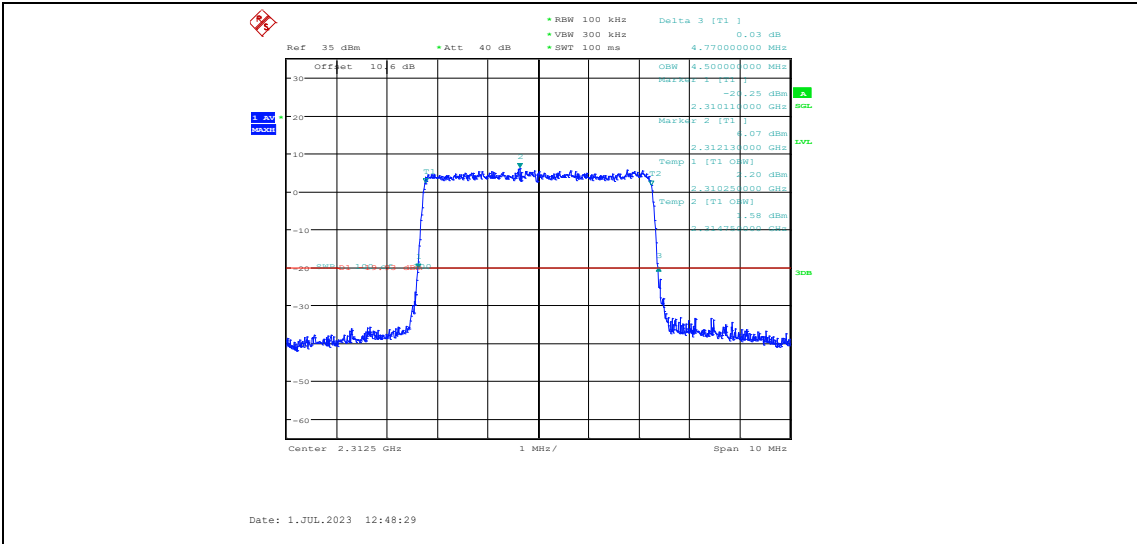
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

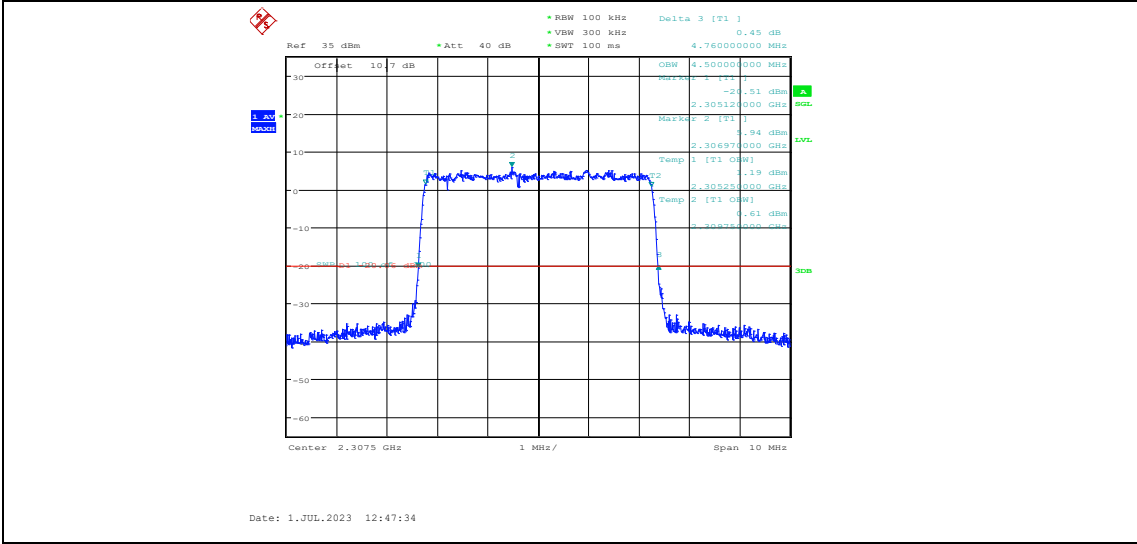
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band40	5MHz	QPSK	38725	25RB#0	4.49	4.79	PASS
Band40	5MHz	QPSK	38750	25RB#0	4.5	4.76	PASS
Band40	5MHz	QPSK	38775	25RB#0	4.5	4.77	PASS
Band40	5MHz	16QAM	38725	25RB#0	4.5	4.76	PASS
Band40	5MHz	16QAM	38750	25RB#0	4.5	4.78	PASS
Band40	5MHz	16QAM	38775	25RB#0	4.5	4.79	PASS
Band40	10MHz	QPSK	38750	50RB#0	9.00	9.66	PASS
Band40	10MHz	16QAM	38750	50RB#0	8.967	9.63	PASS

# Test Graphs

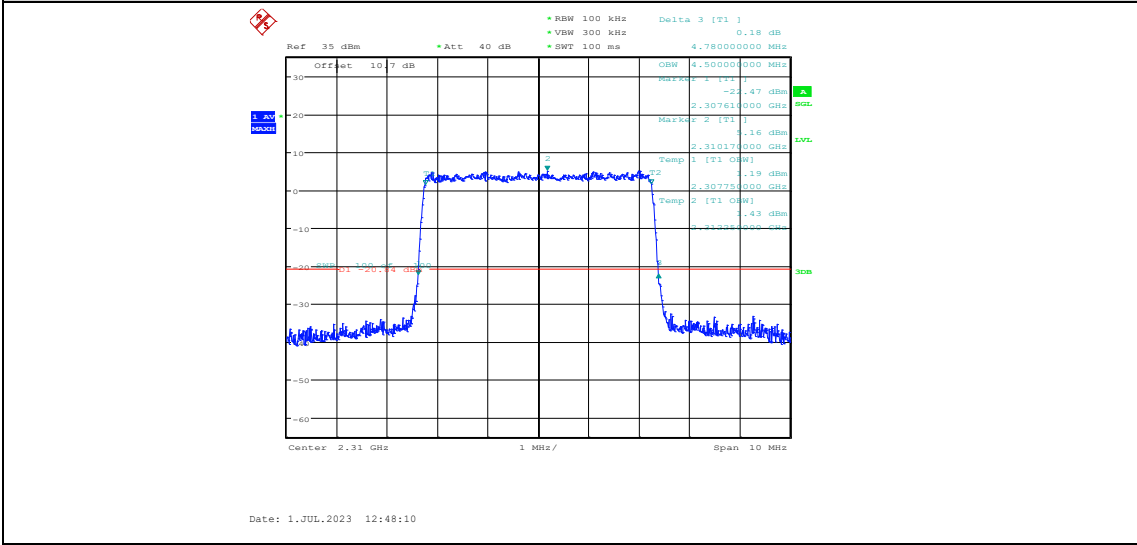




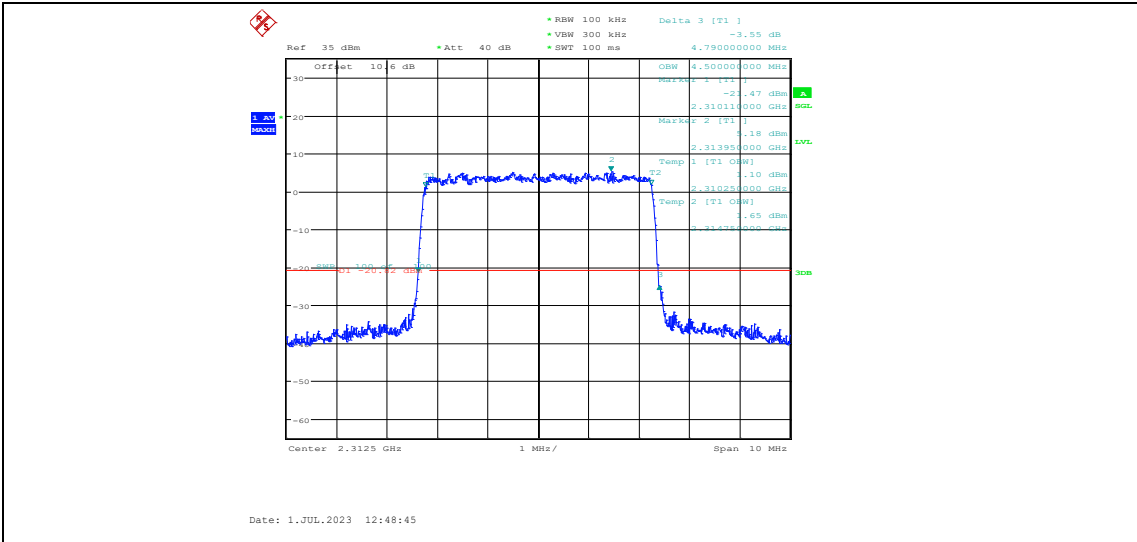
**Band40-5MHz-16QAM-38725-25RB#0**



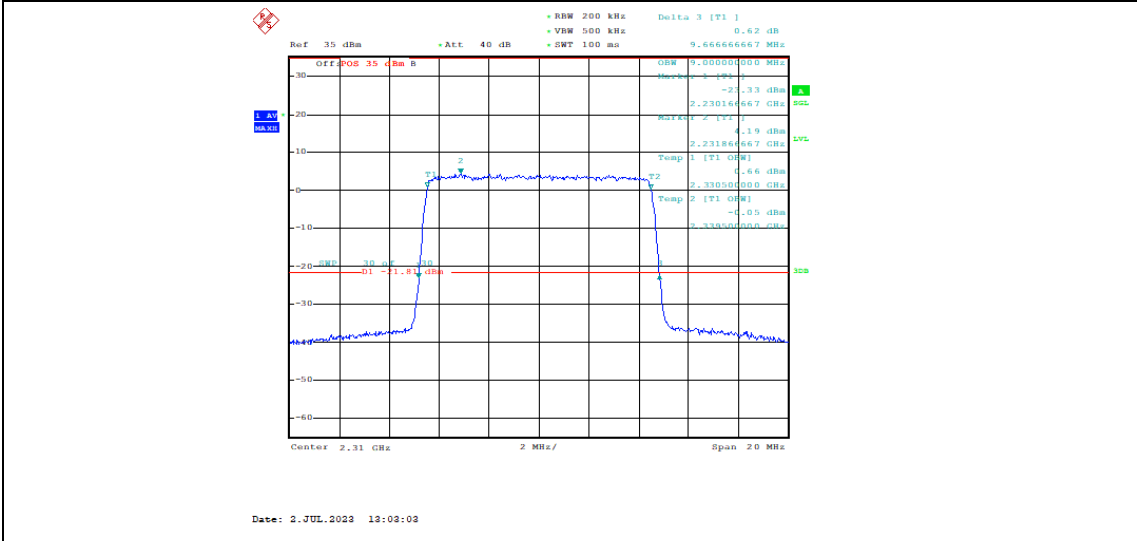
**Band40-5MHz-16QAM-38750-25RB#0**



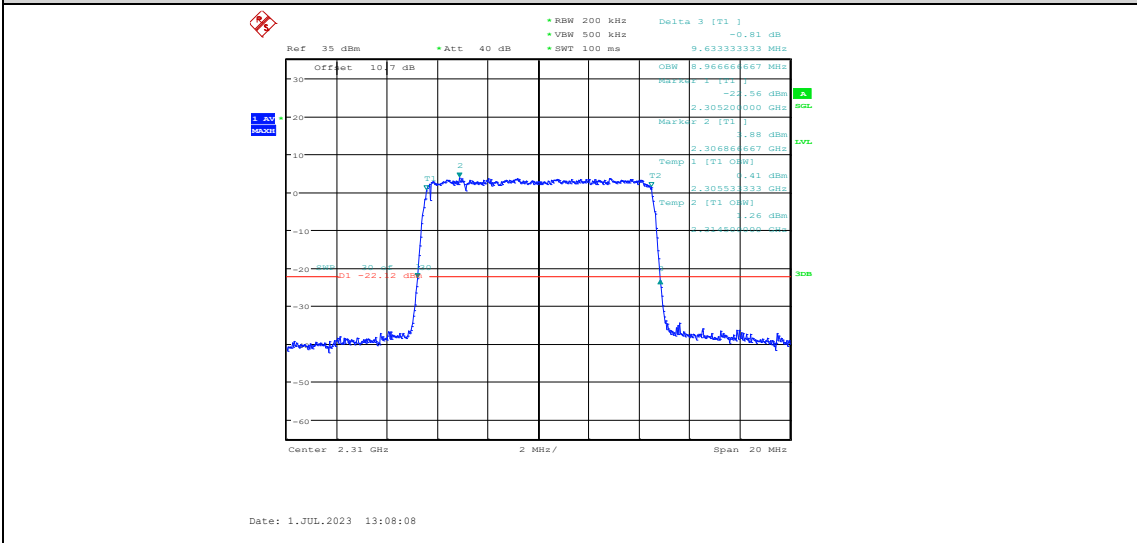
**Band40-5MHz-16QAM-38775-25RB#0**



**Band40-10MHz-QPSK-38750-50RB#0**



**Band40-10MHz-16QAM-38750-50RB#0**

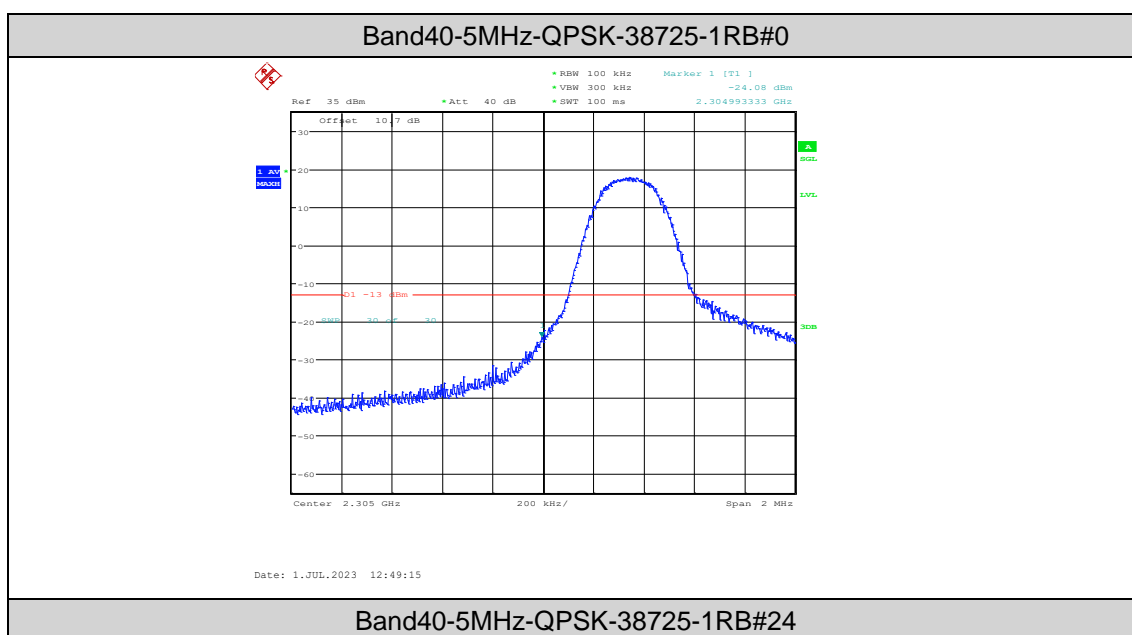


## Appendix D: Band Edge

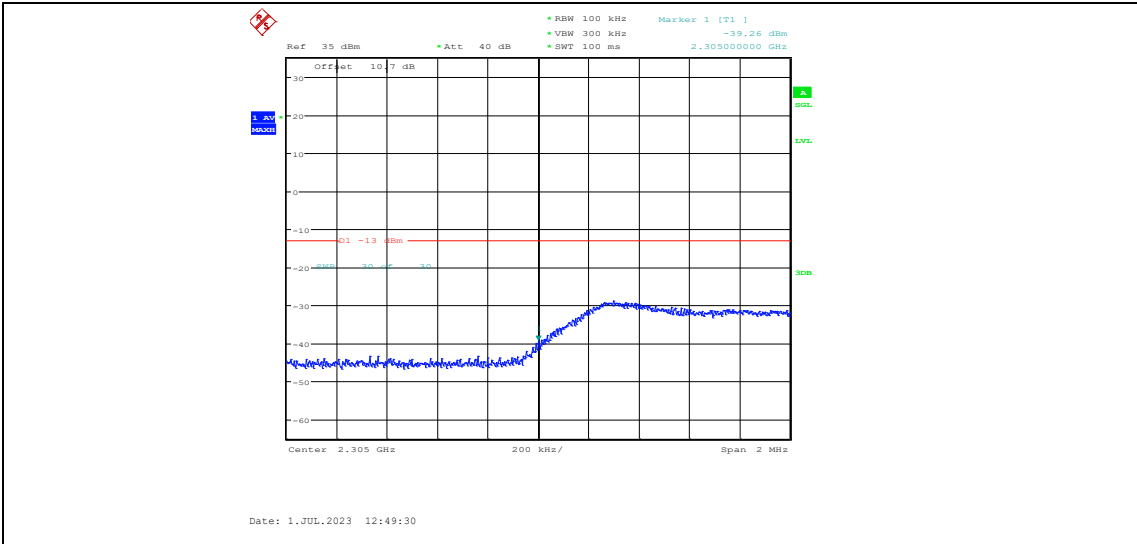
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band40	5MHz	QPSK	38725	1RB#0	-24.08	PASS
Band40	5MHz	QPSK	38725	1RB#24	-39.26	PASS
Band40	5MHz	QPSK	38725	25RB#0	-31.86	PASS
Band40	5MHz	QPSK	38775	1RB#0	-40.59	PASS
Band40	5MHz	QPSK	38775	1RB#24	-24.10	PASS
Band40	5MHz	QPSK	38775	25RB#0	-32.47	PASS
Band40	5MHz	16QAM	38725	1RB#0	-23.92	PASS
Band40	5MHz	16QAM	38725	1RB#24	-41.38	PASS
Band40	5MHz	16QAM	38725	25RB#0	-32.77	PASS
Band40	5MHz	16QAM	38775	1RB#0	-41.46	PASS
Band40	5MHz	16QAM	38775	1RB#24	-24.10	PASS
Band40	5MHz	16QAM	38775	25RB#0	-32.70	PASS
Band40	10MHz	QPSK	38750	1RB#0	-18.13,-40.92	PASS
Band40	10MHz	QPSK	38750	1RB#49	-40.46,-18.99	PASS
Band40	10MHz	QPSK	38750	50RB#0	-33.78,-33.92	PASS
Band40	10MHz	16QAM	38750	1RB#0	-19.30,-41.52	PASS
Band40	10MHz	16QAM	38750	1RB#49	-40.99,-19.66	PASS
Band40	10MHz	16QAM	38750	50RB#0	-33.81,-33.68	PASS

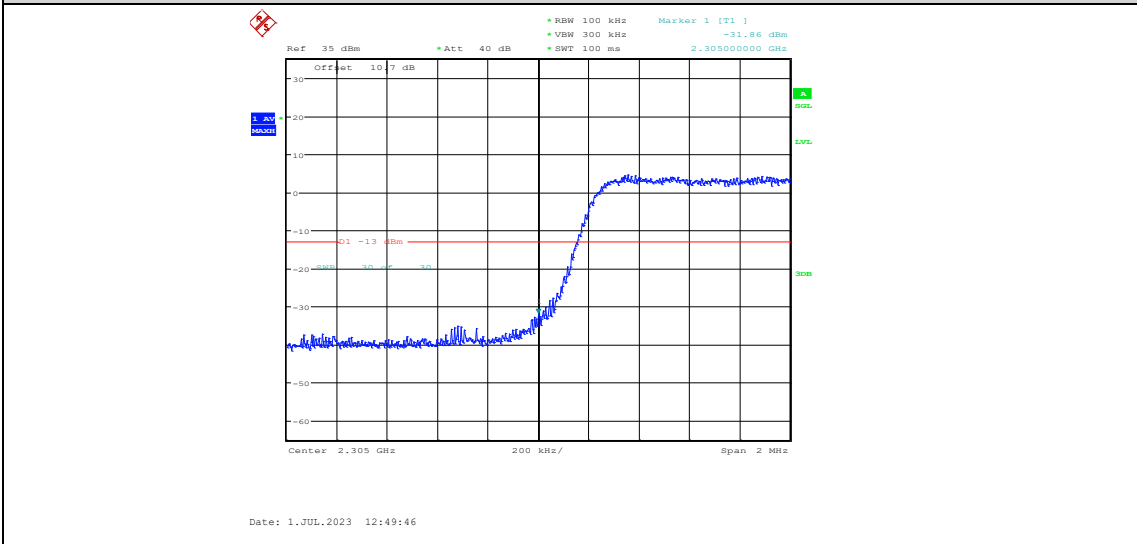
### Test Graphs



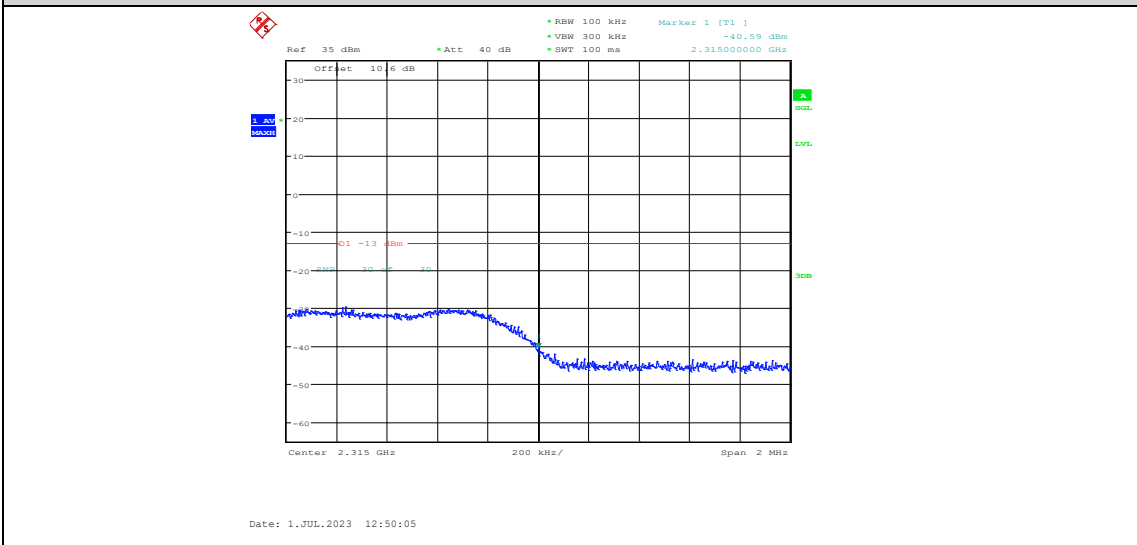




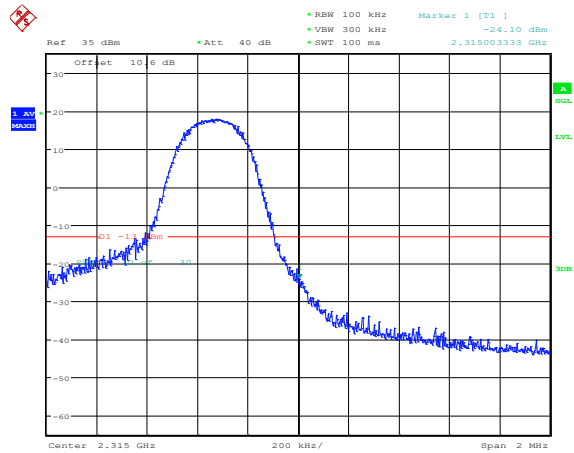
**Band40-5MHz-QPSK-38725-25RB#0**



**Band40-5MHz-QPSK-38775-1RB#0**

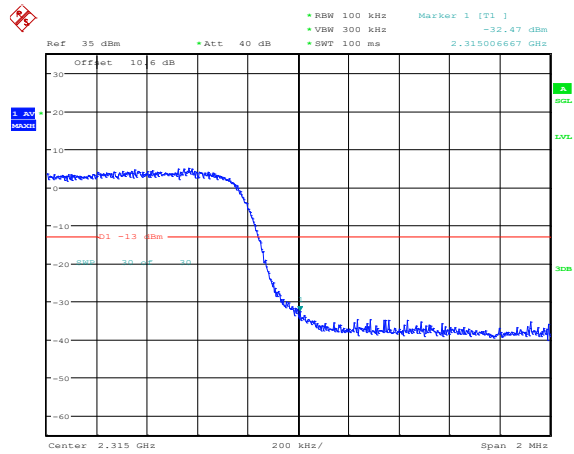


**Band40-5MHz-QPSK-38775-1RB#24**



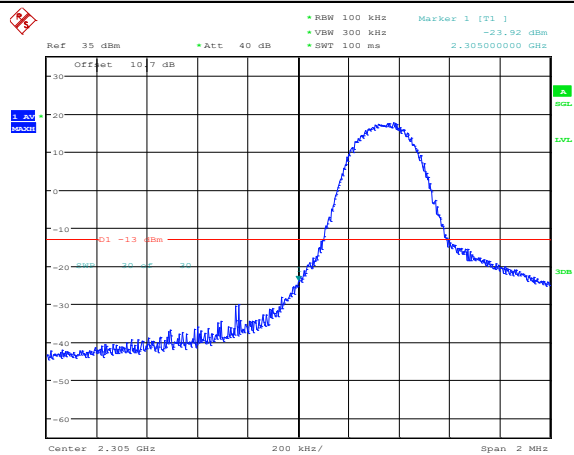
Date: 1.JUL.2023 12:50:21

### Band40-5MHz-QPSK-38775-25RB#0



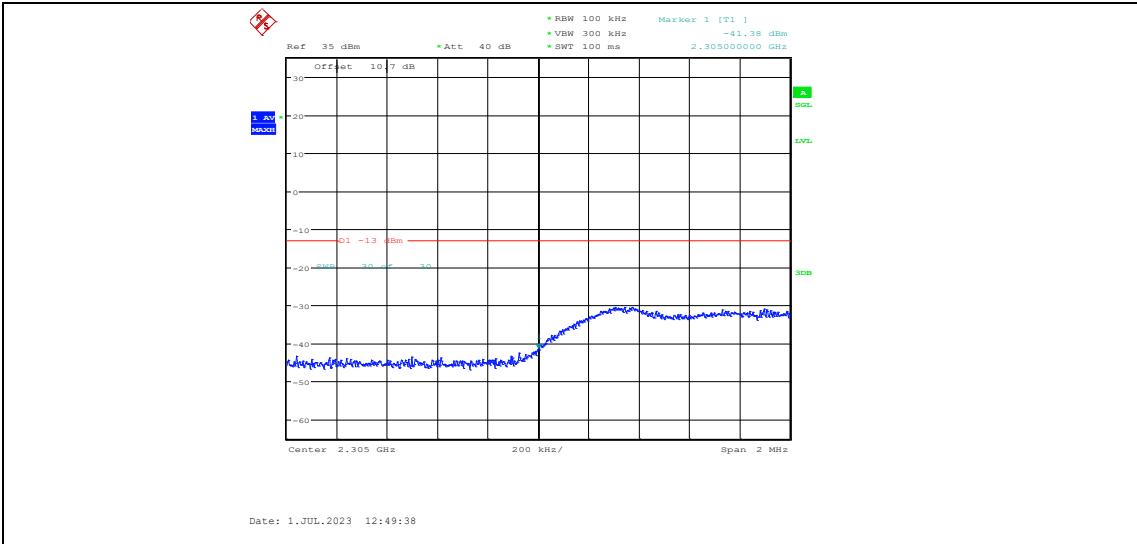
Date: 1.JUL.2023 12:50:36

### Band40-5MHz-16QAM-38725-1RB#0

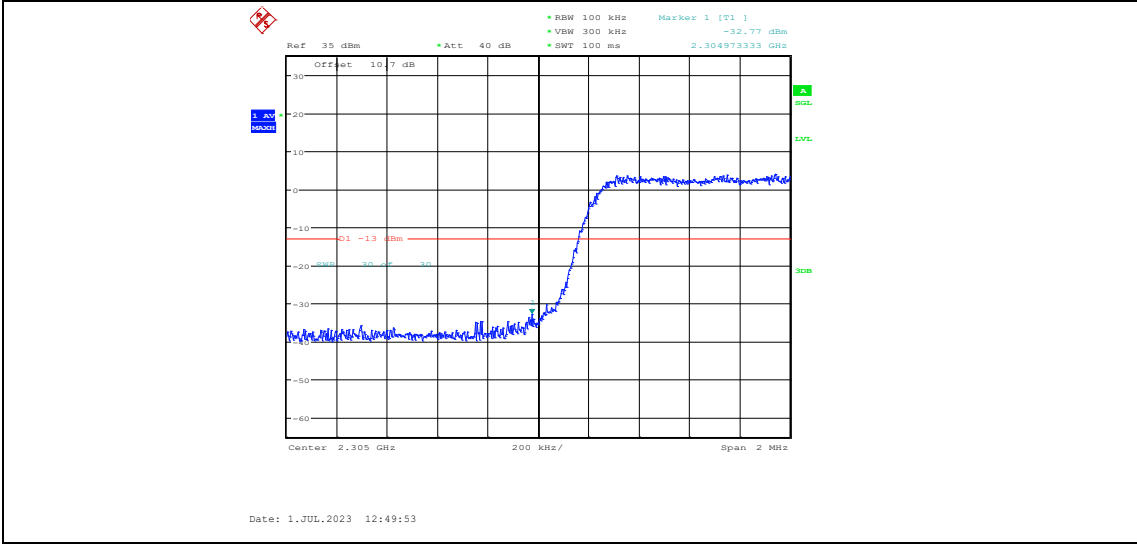


Date: 1.JUL.2023 12:49:22

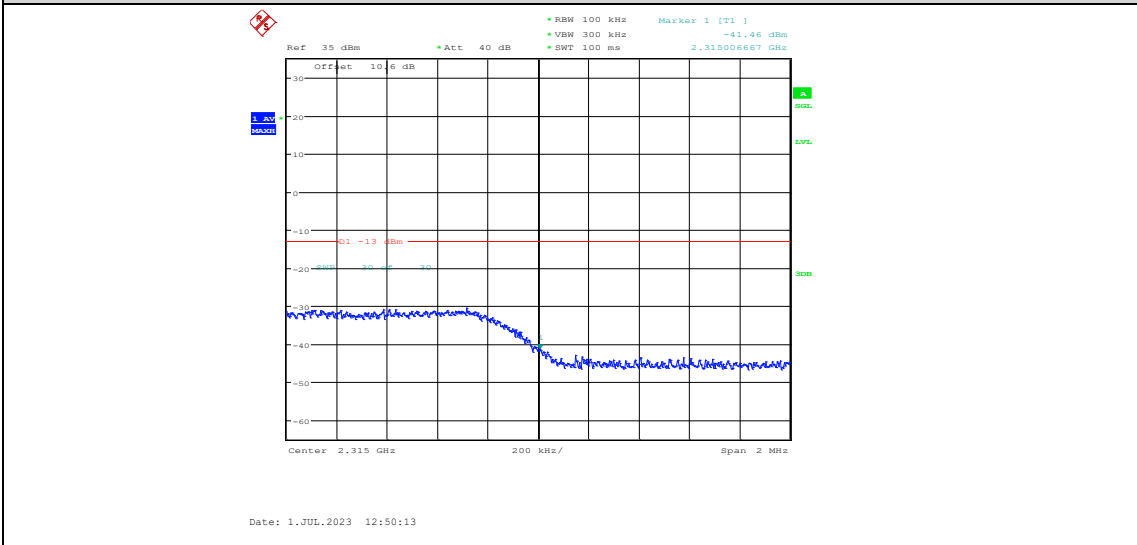
### Band40-5MHz-16QAM-38725-1RB#24



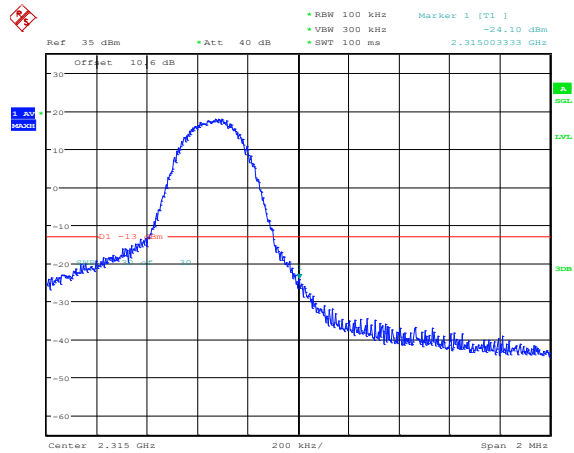
**Band40-5MHz-16QAM-38725-25RB#0**



**Band40-5MHz-16QAM-38775-1RB#0**

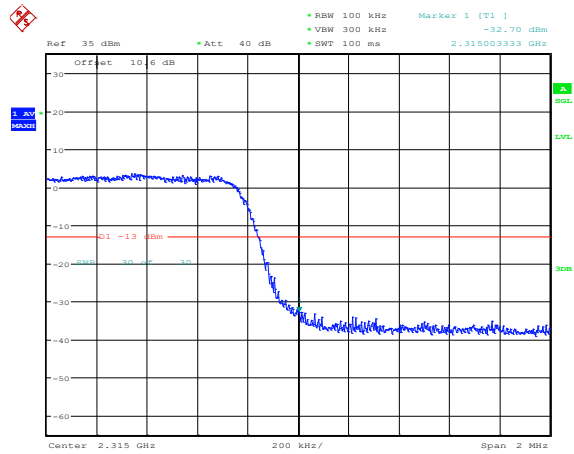


**Band40-5MHz-16QAM-38775-1RB#24**



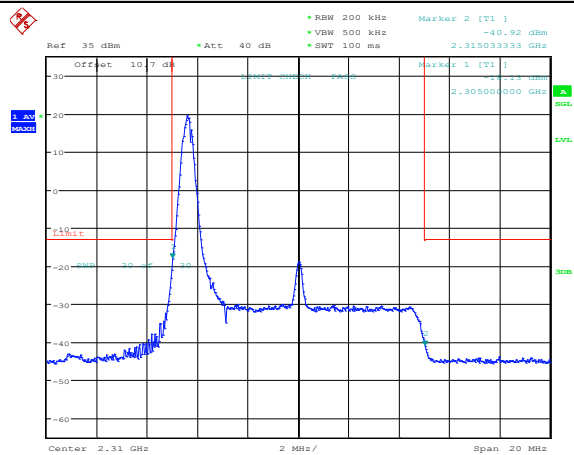
Date: 1.JUL.2023 12:50:29

### Band40-5MHz-16QAM-38775-25RB#0



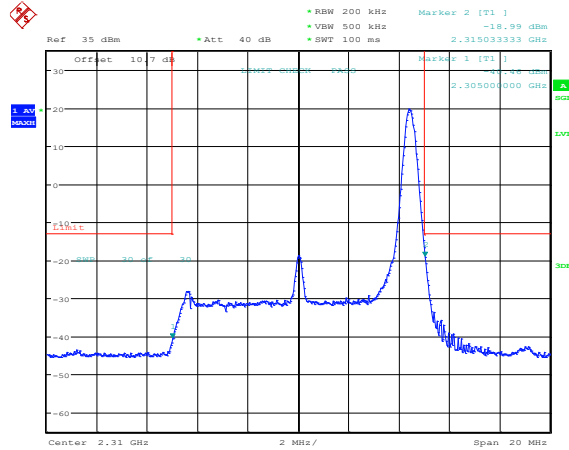
Date: 1.JUL.2023 12:50:44

### Band40-10MHz-QPSK-38750-1RB#0



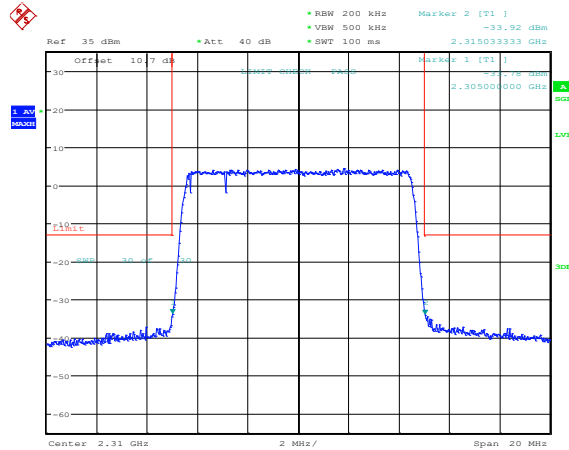
Date: 1.JUL.2023 13:08:35

### Band40-10MHz-QPSK-38750-1RB#49



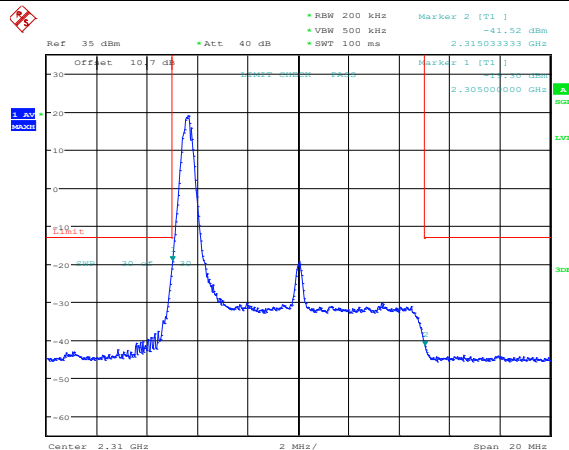
Date: 1.JUL.2023 13:08:54

### Band40-10MHz-QPSK-38750-50RB#0



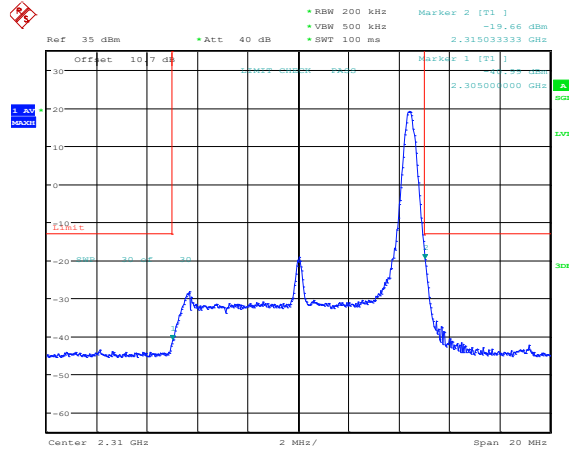
Date: 1.JUL.2023 13:09:13

### Band40-10MHz-16QAM-38750-1RB#0



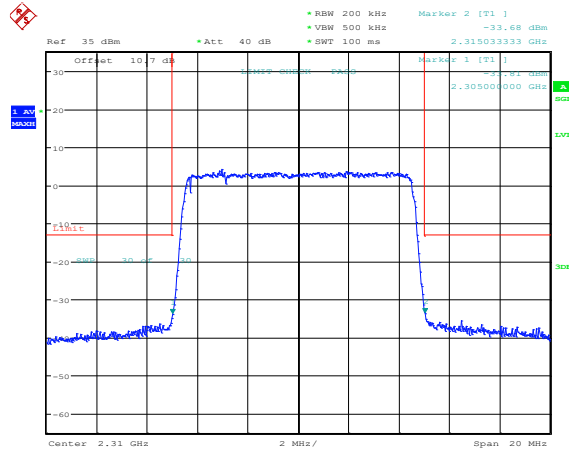
Date: 1.JUL.2023 13:08:45

### Band40-10MHz-16QAM-38750-1RB#49



Date: 1.JUL.2023 13:09:04

**Band40-10MHz-16QAM-38750-50RB#0**



Date: 1.JUL.2023 13:09:23

## Appendix E: Conducted Spurious Emission

### Test Result

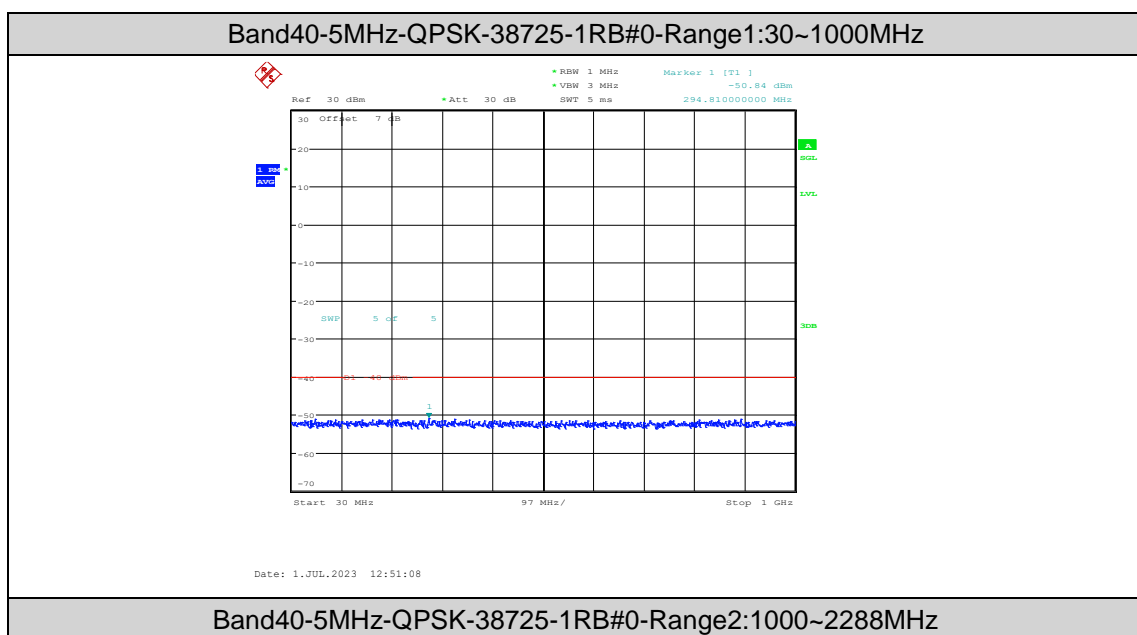
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band40	5MHz	QPSK	38725	1RB#0	Range1:30~1000MHz	-50.84	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range2:1000~2288MHz	-47.9	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range3:2288~2292MHz	-43.48	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range4:2292~2296MHz	-40.89	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range5:2296~2300MHz	-28.77	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range6:2300~2305MHz	-23.35	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range7:2320~2324MHz	-40.07	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range8:2324~2328MHz	-41.37	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range9:2328~2337MHz	-46.94	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range10:2337~2341MHz	-47.57	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range11:2341~2345MHz	-46.52	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range12:2360~2365MHz	-49.37	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range13:2365~26500MHz	-45.48	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range1:30~1000MHz	-50.72	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range2:1000~2288MHz	-47.29	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range3:2288~2292MHz	-41.59	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range4:2292~2296MHz	-40.89	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range5:2296~2300MHz	-28.77	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range6:2300~2305MHz	-23.35	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range7:2320~2324MHz	-39.38	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range8:2324~2328MHz	-39.2	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range9:2328~2337MHz	-42.81	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range10:2337~2341MHz	-46.85	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range11:2341~2345MHz	-48	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range12:2360~2365MHz	-48.88	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range13:2365~26500MHz	-45.35	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range1:30~1000MHz	-50.75	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range2:1000~2288MHz	-48.01	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range3:2288~2292MHz	-43.42	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range4:2292~2296MHz	-43.27	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range5:2296~2300MHz	-37.14	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range6:2300~2305MHz	-28.85	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range7:2320~2324MHz	-32.02	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range8:2324~2328MHz	-38.6	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range9:2328~2337MHz	-40.13	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range10:2337~2341MHz	-46.99	PASS

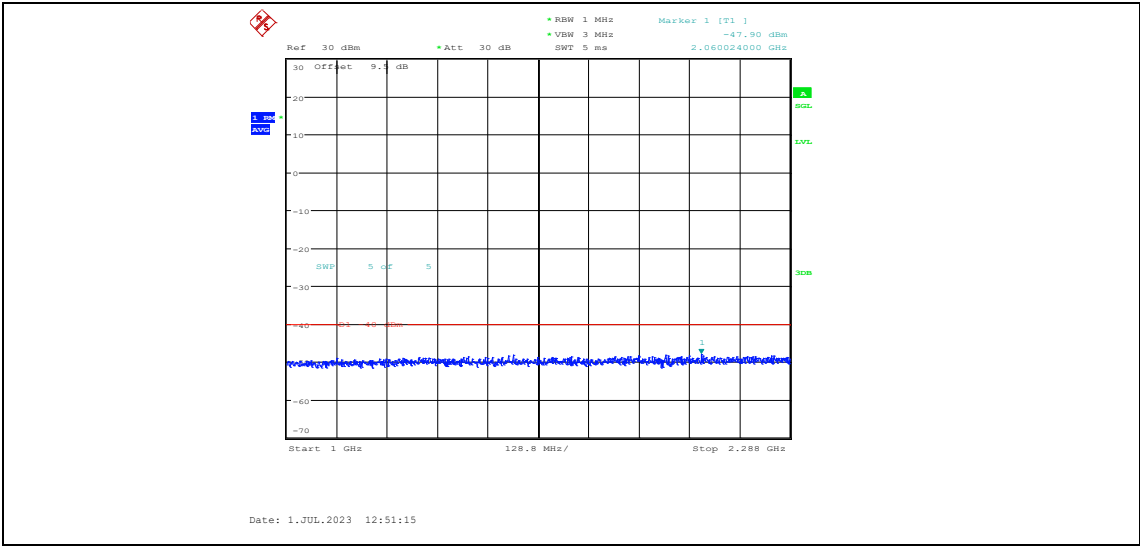
Band40	5MHz	QPSK	38775	1RB#0	Range11:2341~2345MHz	-47.19	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range12:2360~2365MHz	-49.24	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range13:2365~26500MHz	-45.58	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range1:30~1000MHz	-50.4	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range2:1000~2288MHz	-47.86	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range3:2288~2292MHz	-41.61	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range4:2292~2296MHz	-32.99	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range5:2296~2300MHz	-27.98	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range6:2300~2305MHz	-42.53	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range7:2320~2324MHz	-44.72	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range8:2324~2328MHz	-39.39	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range9:2328~2337MHz	-42.95	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range10:2337~2341MHz	-48.34	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range11:2341~2345MHz	-46.21	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range12:2360~2365MHz	-49.04	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range13:2365~26500MHz	-45.5	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range1:30~1000MHz	-50.45	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range2:1000~2288MHz	-47.42	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range3:2288~2292MHz	-46.04	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range4:2292~2296MHz	-34.78	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range5:2296~2300MHz	-31.53	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range6:2300~2305MHz	-25.09	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range7:2320~2324MHz	-35.63	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range8:2324~2328MHz	-36.98	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range9:2328~2337MHz	-40.84	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range10:2337~2341MHz	-45.67	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range11:2341~2345MHz	-45.95	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range12:2360~2365MHz	-48.67	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range13:2365~26500MHz	-45.65	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range1:30~1000MHz	-50.56	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range2:1000~2288MHz	-47.86	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range3:2288~2292MHz	-41.99	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range4:2292~2296MHz	-44.12	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range5:2296~2300MHz	-35.82	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range6:2300~2305MHz	-29.7	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range7:2320~2324MHz	-32.29	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range8:2324~2328MHz	-42.82	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range9:2328~2337MHz	-40.69	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range10:2337~2341MHz	-46.17	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range11:2341~2345MHz	-48.47	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range12:2360~2365MHz	-49.21	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range13:2365~26500MHz	-45.28	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range1:30~1000MHz	-50.73	PASS



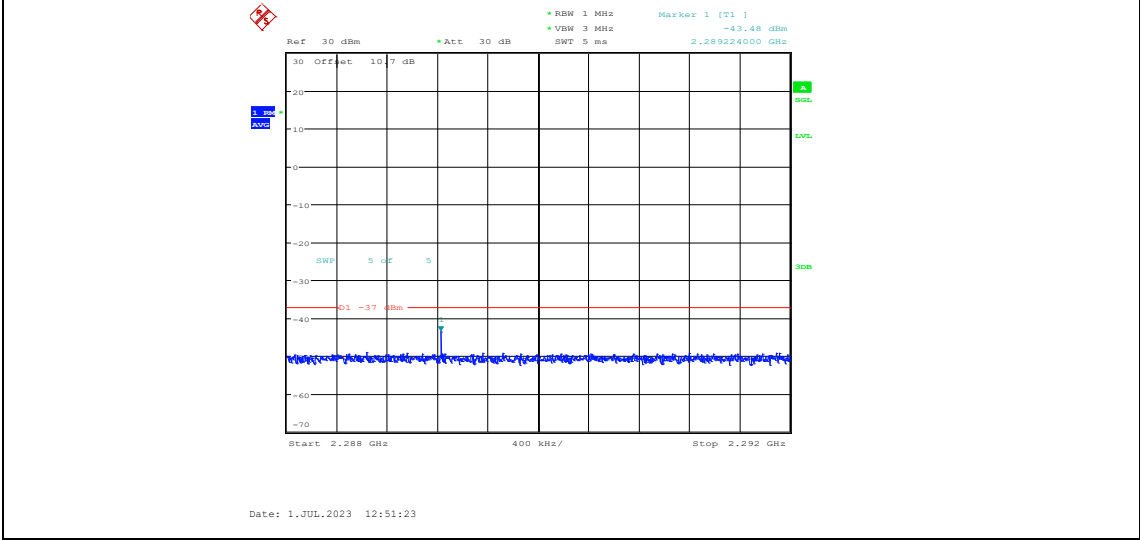
Band40	10MHz	QPSK	38750	1RB#0	Range2:1000~2288MHz	-47.76	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range3:2288~2292MHz	-48.69	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range4:2292~2296MHz	-34.98	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range5:2296~2300MHz	-44.03	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range6:2300~2305MHz	-24.99	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range7:2320~2324MHz	-37.66	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range8:2324~2328MHz	-40.54	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range9:2328~2337MHz	-49.21	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range10:2337~2341MHz	-48.96	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range11:2341~2345MHz	-48.14	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range12:2360~2365MHz	-49.28	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range13:2365~26500MHz	-45.57	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range1:30~1000MHz	-50.78	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range2:1000~2288MHz	-47.77	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range3:2288~2292MHz	-48.66	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range4:2292~2296MHz	-40.64	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range5:2296~2300MHz	-33.99	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range6:2300~2305MHz	-34.05	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range7:2320~2324MHz	-41.99	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range8:2324~2328MHz	-38.99	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range9:2328~2337MHz	-49.61	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range10:2337~2341MHz	-49.24	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range11:2341~2345MHz	-49.17	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range12:2360~2365MHz	-49.2	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range13:2365~26500MHz	-45.37	PASS

## Test Graphs

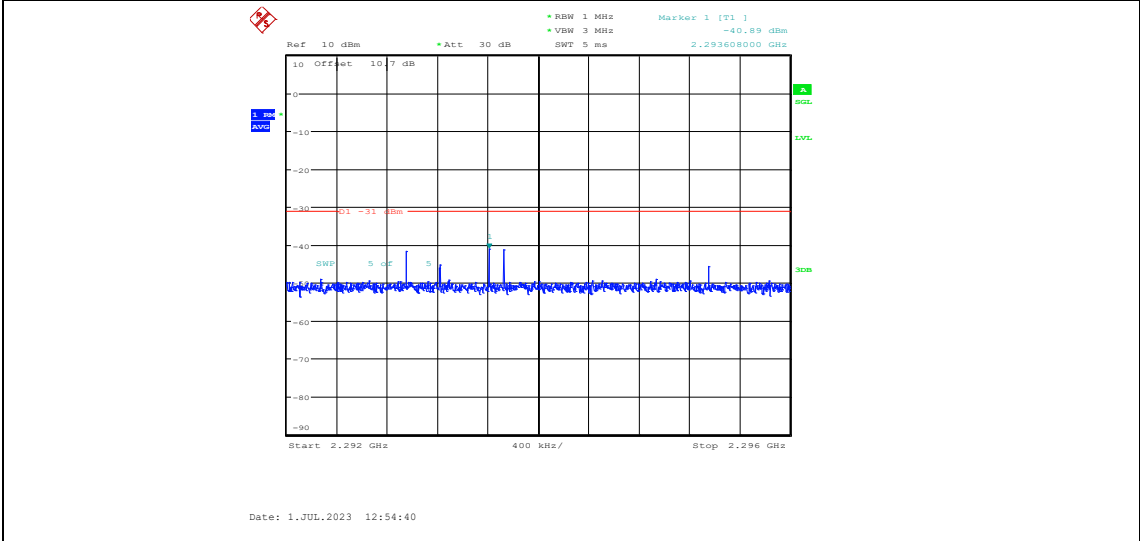




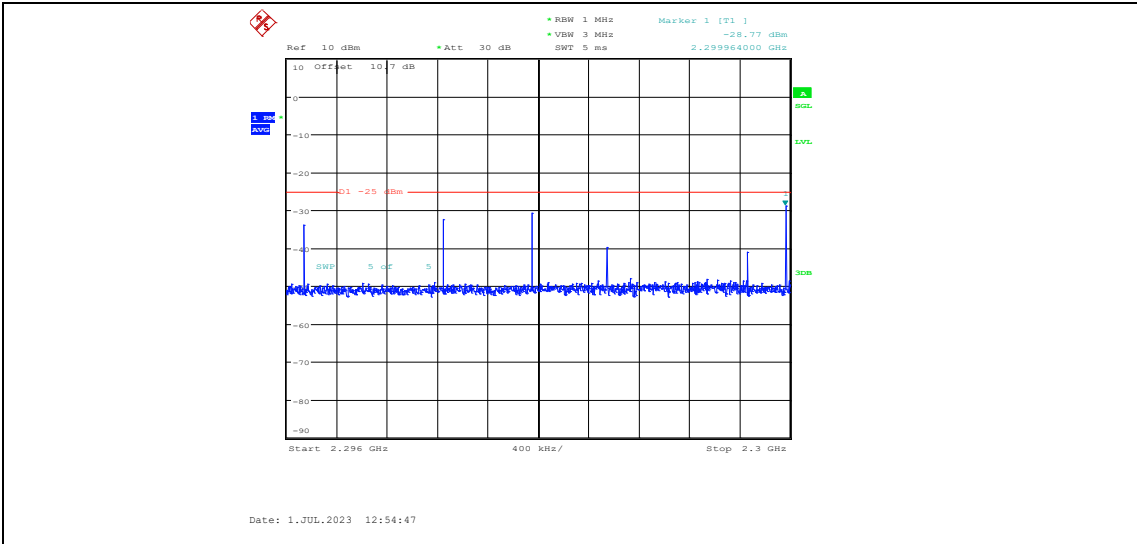
**Band40-5MHz-QPSK-38725-1RB#0-Range3:2288~2292MHz**



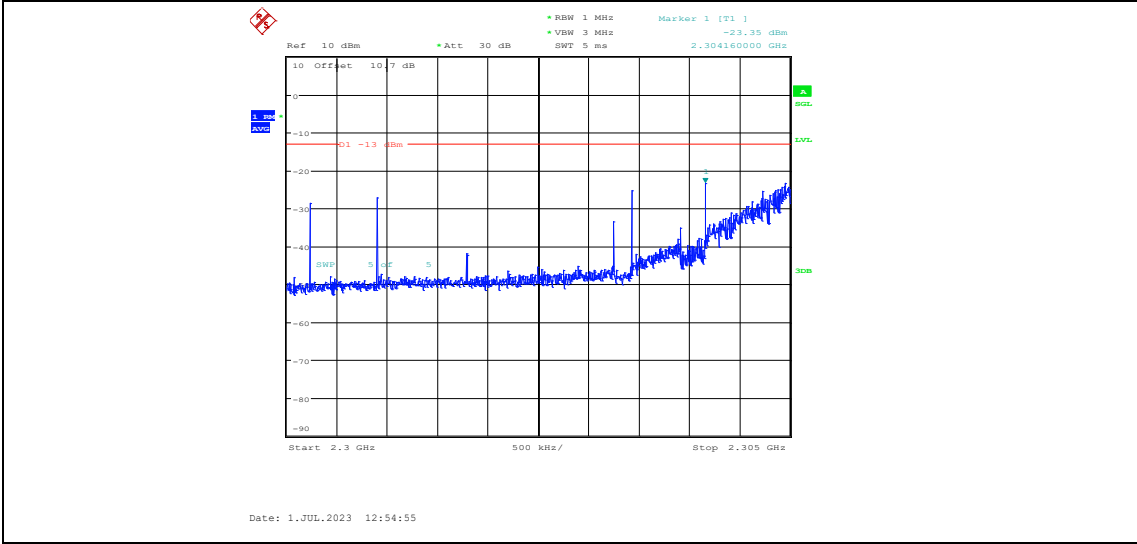
**Band40-5MHz-QPSK-38725-1RB#0-Range4:2292~2296MHz**



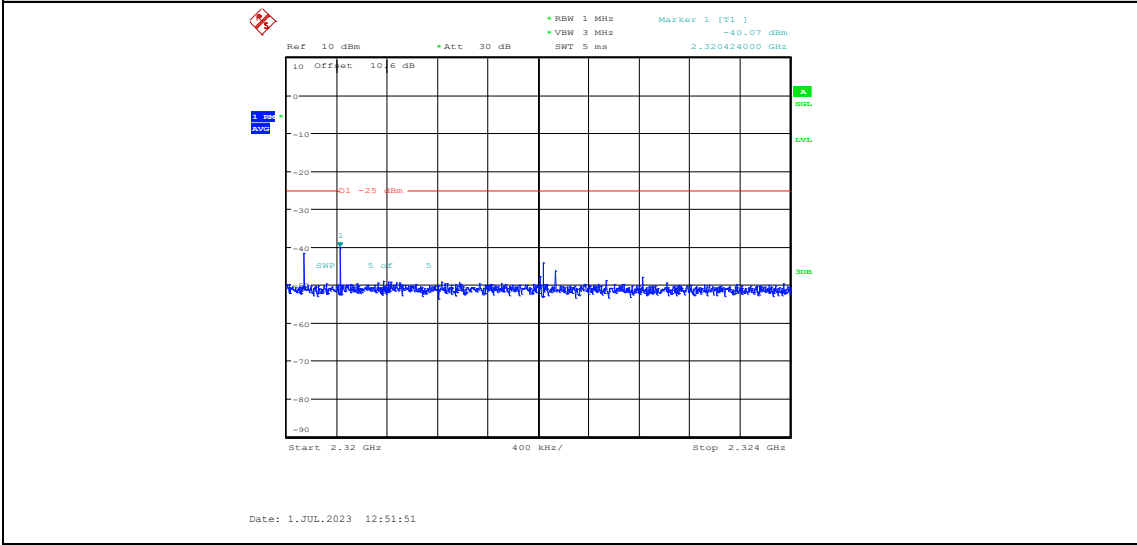
**Band40-5MHz-QPSK-38725-1RB#0-Range5:2296~2300MHz**



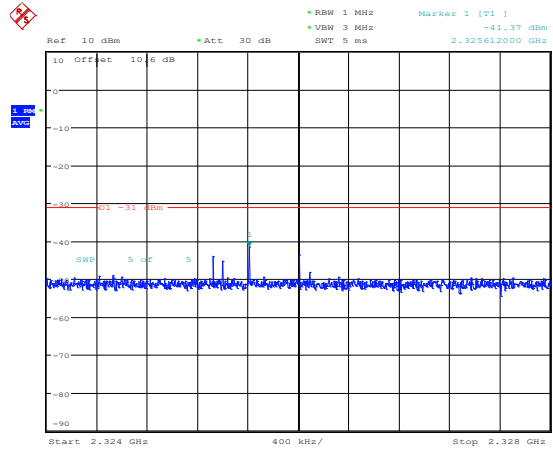
**Band40-5MHz-QPSK-38725-1RB#0-Range6:2300~2305MHz**



**Band40-5MHz-QPSK-38725-1RB#0-Range7:2320~2324MHz**

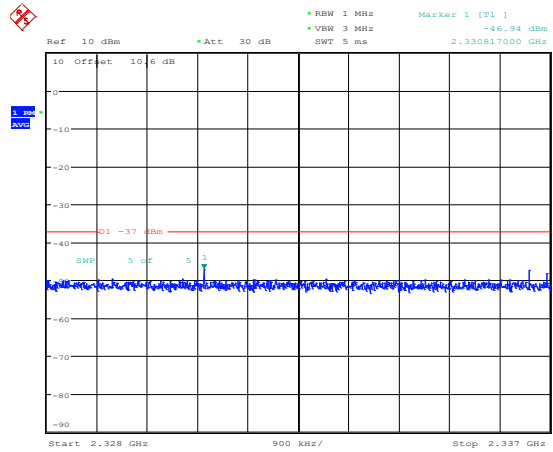


**Band40-5MHz-QPSK-38725-1RB#0-Range8:2324~2328MHz**



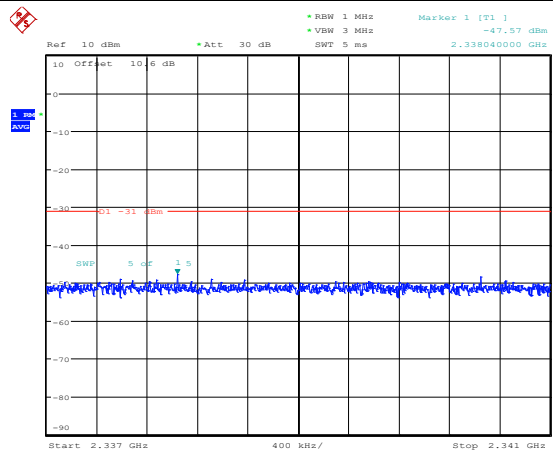
Date: 1.JUL.2023 12:51:58

**Band40-5MHz-QPSK-38725-1RB#0-Range9:2328~2337MHz**



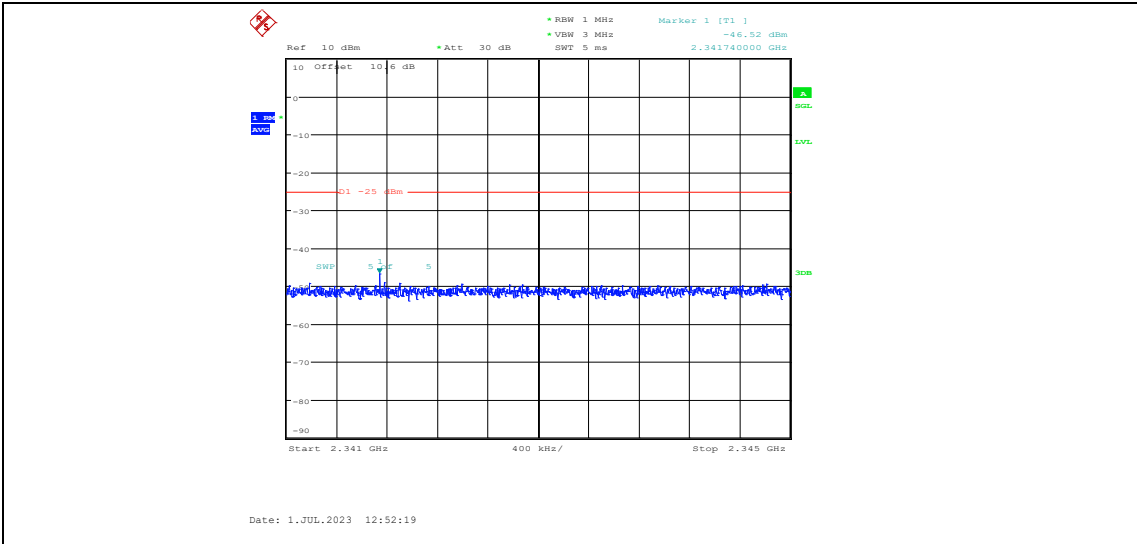
Date: 1.JUL.2023 12:52:05

**Band40-5MHz-QPSK-38725-1RB#0-Range10:2337~2341MHz**

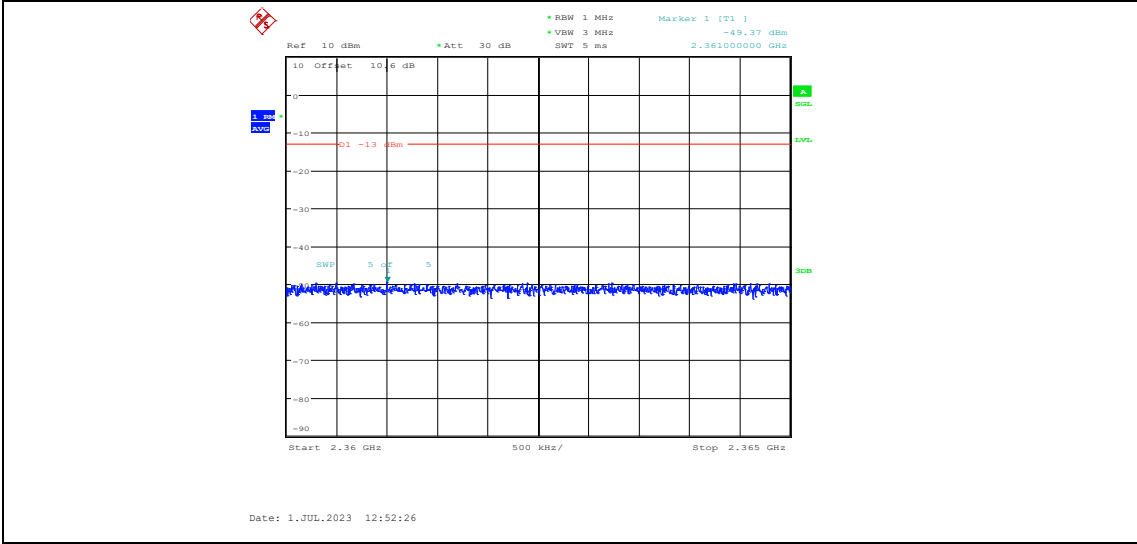


Date: 1.JUL.2023 12:52:12

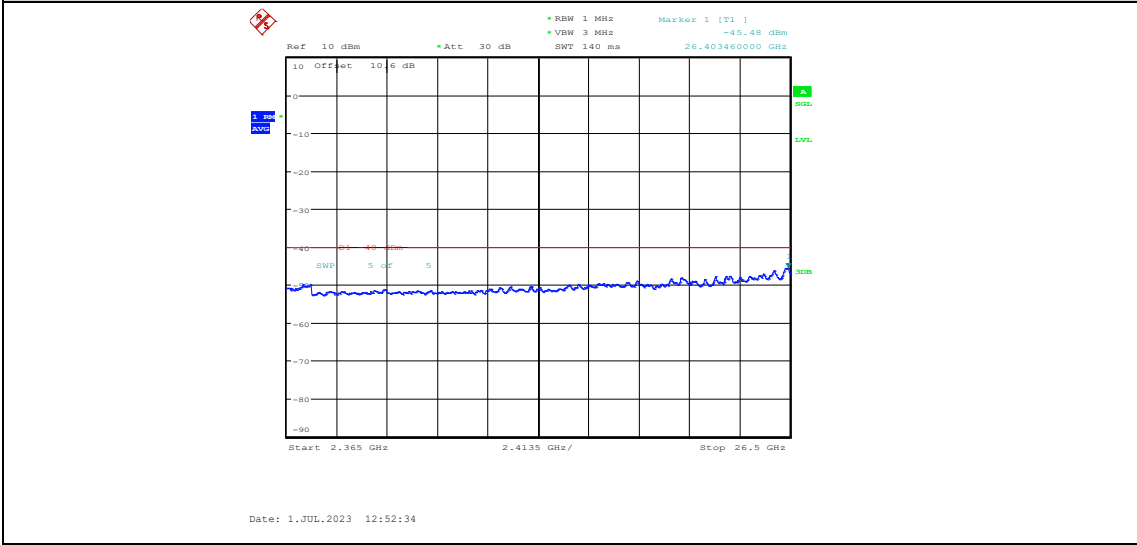
**Band40-5MHz-QPSK-38725-1RB#0-Range11:2341~2345MHz**



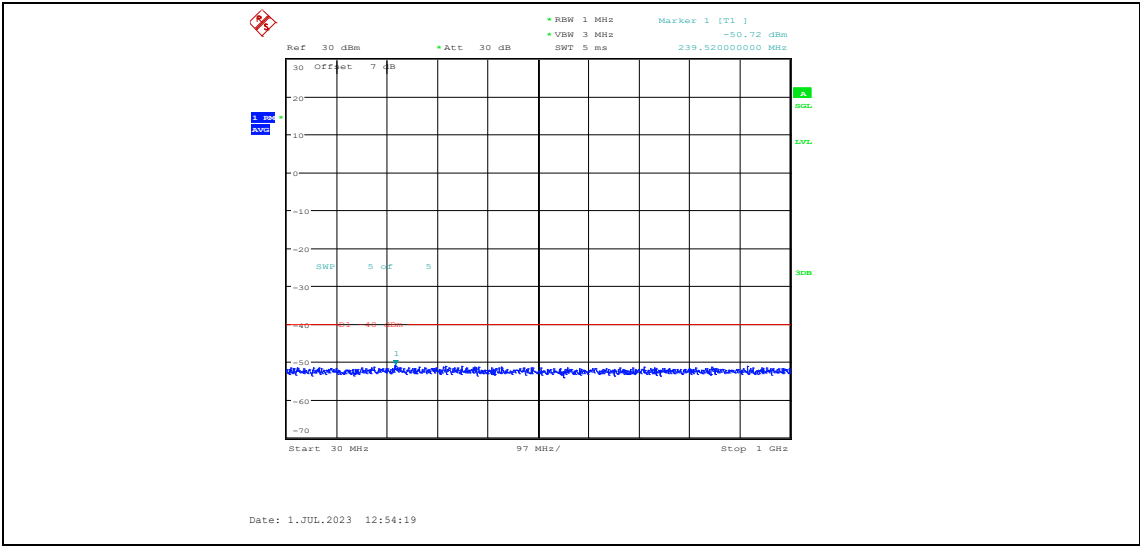
**Band40-5MHz-QPSK-38725-1RB#0-Range12:2360~2365MHz**



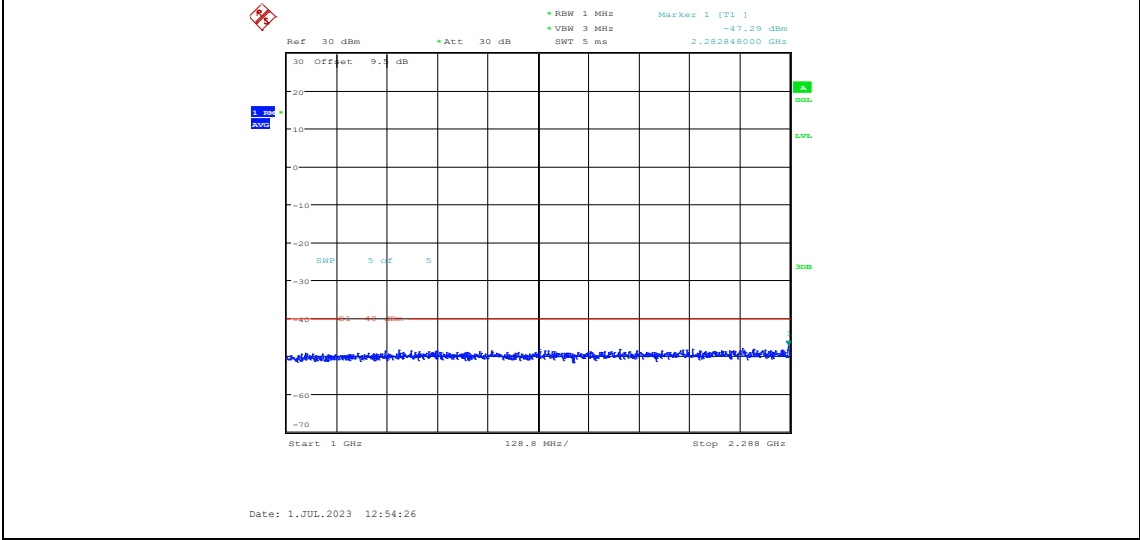
**Band40-5MHz-QPSK-38725-1RB#0-Range13:2365~26500MHz**



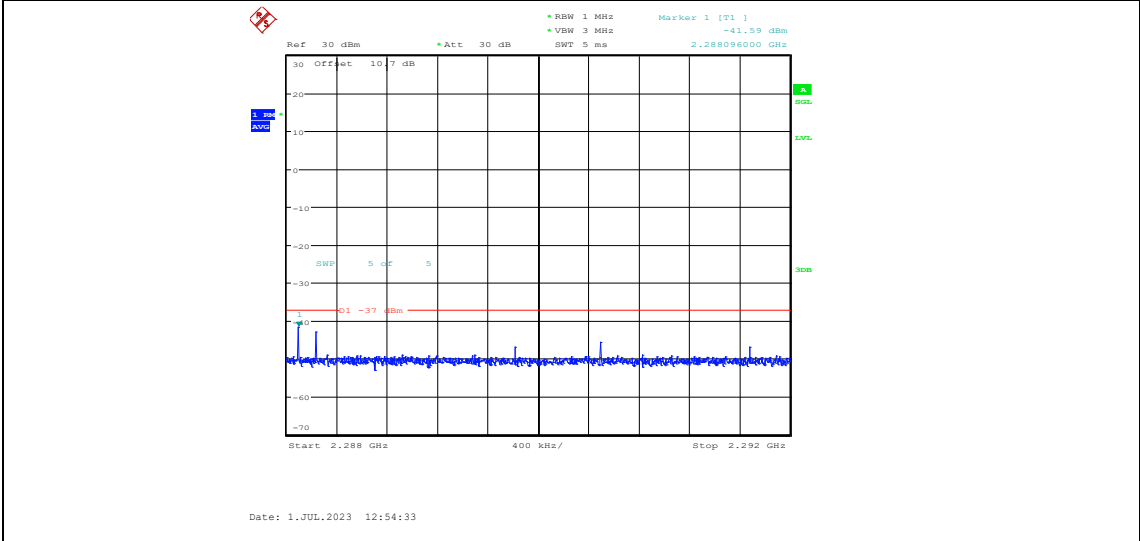
**Band40-5MHz-QPSK-38750-1RB#0-Range1:30~1000MHz**



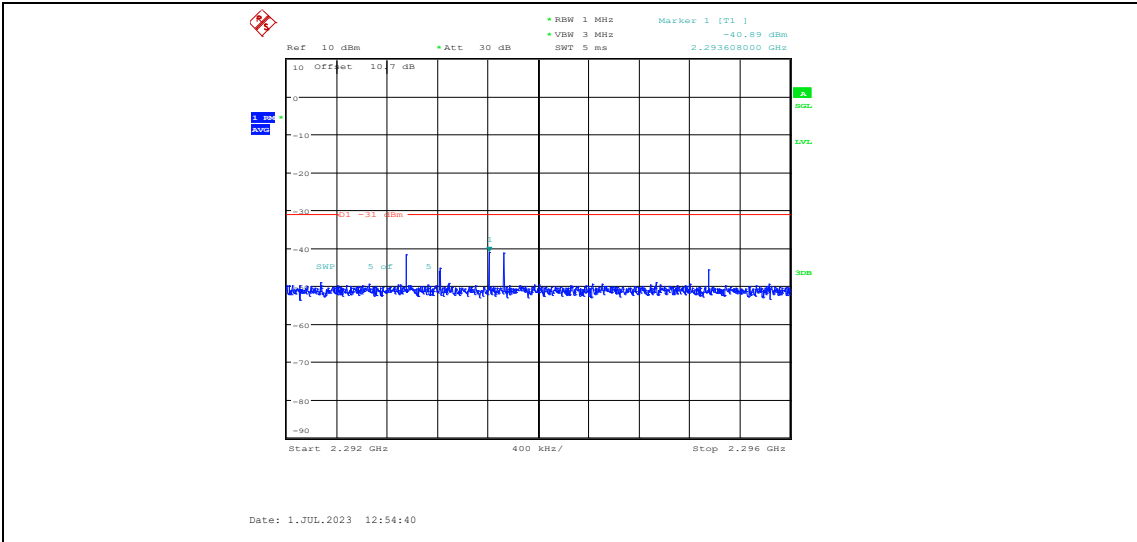
**Band40-5MHz-QPSK-38750-1RB#0-Range2:1000~2288MHz**



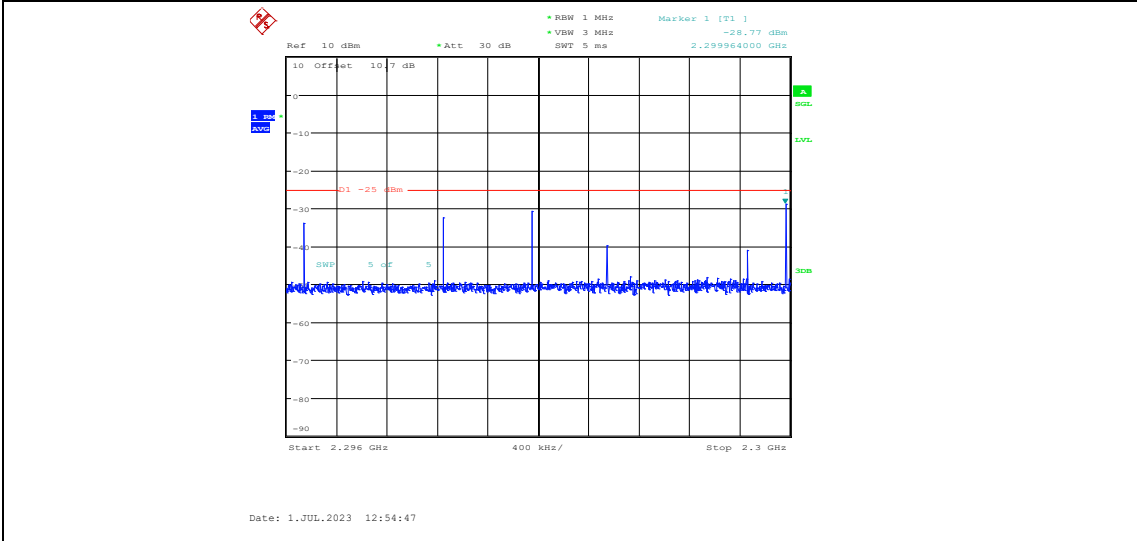
**Band40-5MHz-QPSK-38750-1RB#0-Range3:2288~2292MHz**



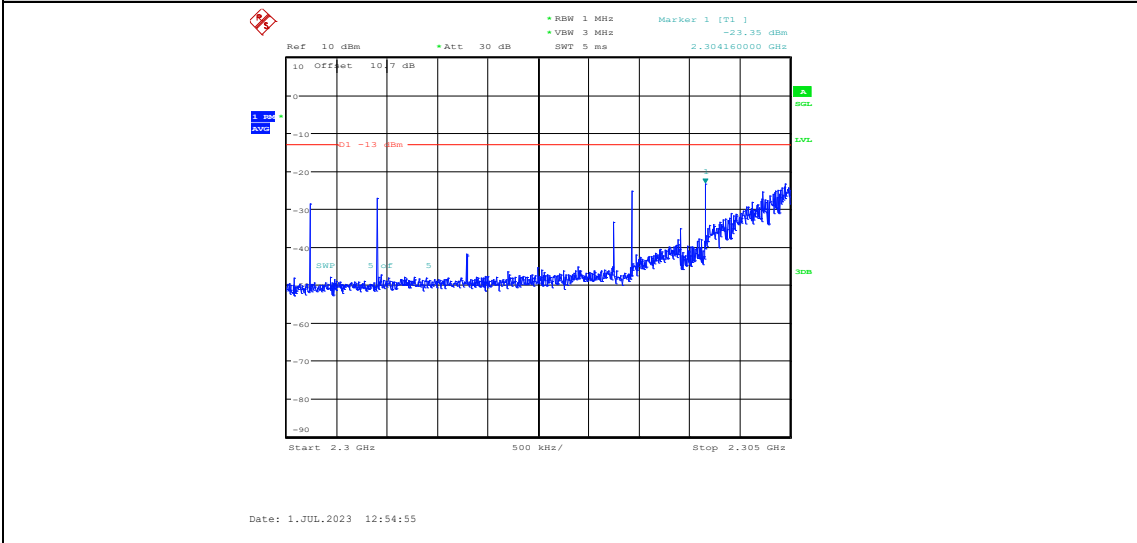
**Band40-5MHz-QPSK-38750-1RB#0-Range4:2292~2296MHz**



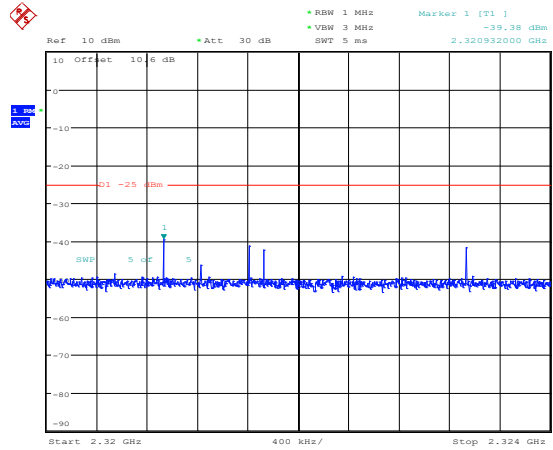
**Band40-5MHz-QPSK-38750-1RB#0-Range5:2296~2300MHz**



**Band40-5MHz-QPSK-38750-1RB#0-Range6:2300~2305MHz**

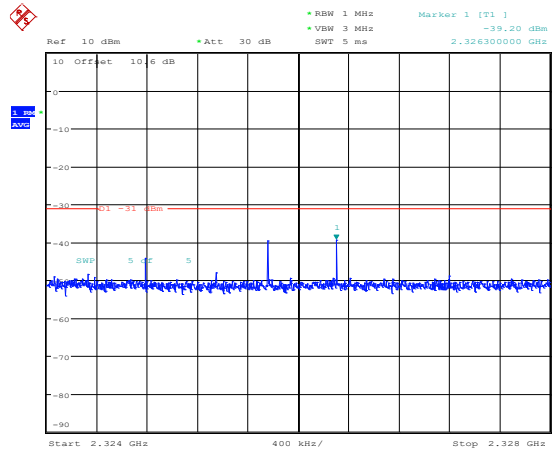


**Band40-5MHz-QPSK-38750-1RB#0-Range7:2320~2324MHz**



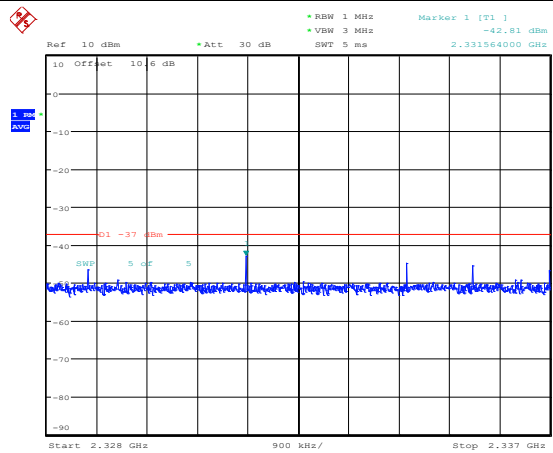
Date: 1.JUL.2023 12:55:02

**Band40-5MHz-QPSK-38750-1RB#0-Range8:2324~2328MHz**



Date: 1.JUL.2023 12:55:09

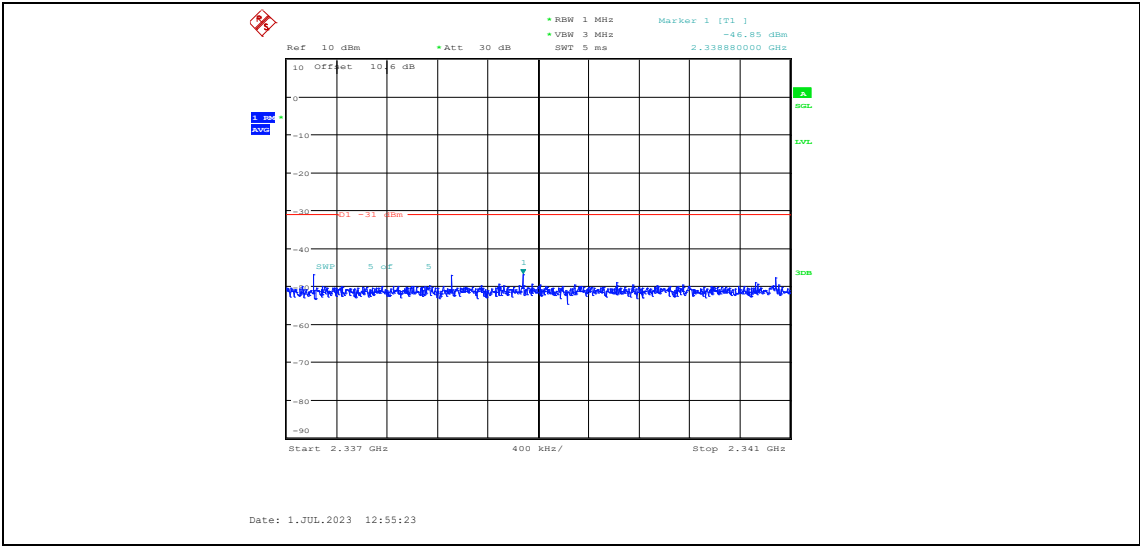
**Band40-5MHz-QPSK-38750-1RB#0-Range9:2328~2337MHz**



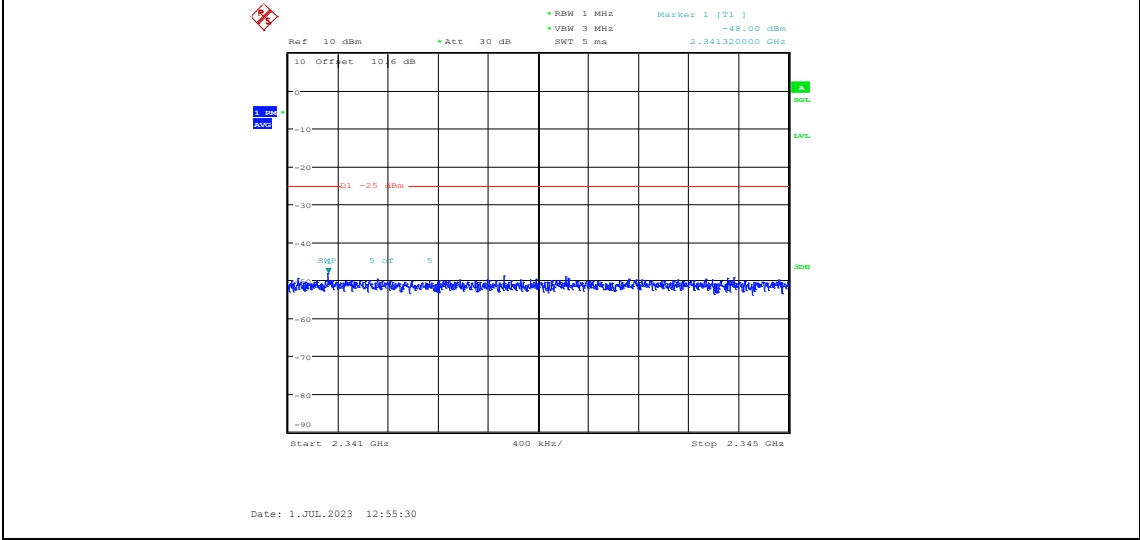
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**Band40-5MHz-QPSK-38750-1RB#0-Range10:2337~2341MHz**

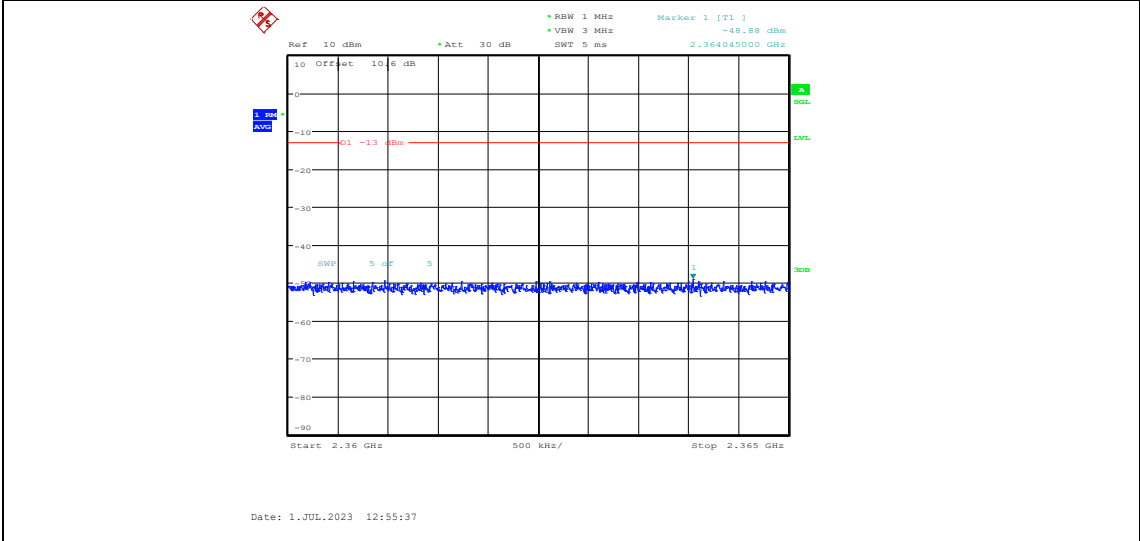




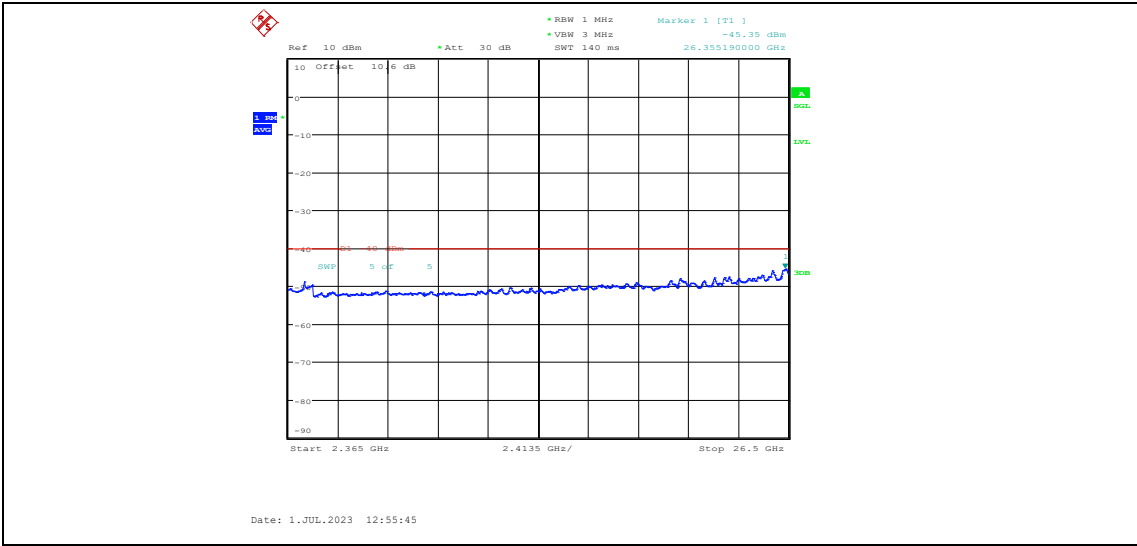
**Band40-5MHz-QPSK-38750-1RB#0-Range11:2341~2345MHz**



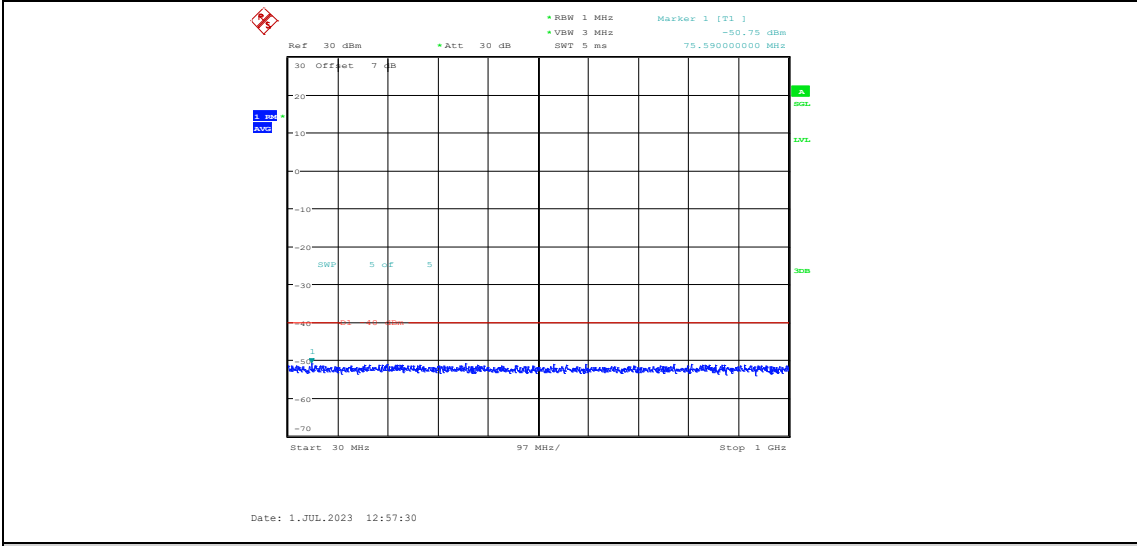
**Band40-5MHz-QPSK-38750-1RB#0-Range12:2360~2365MHz**



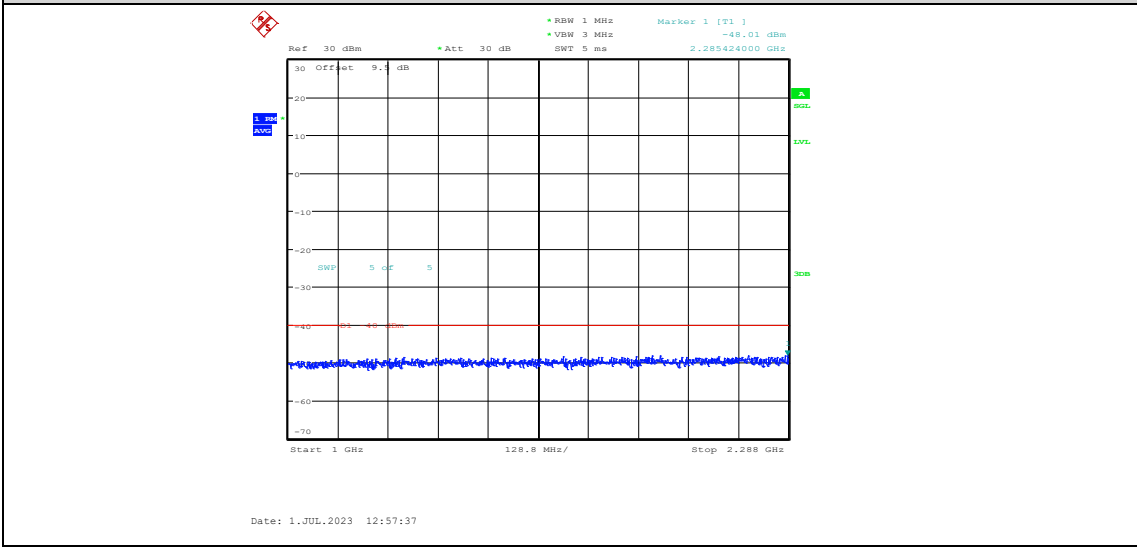
**Band40-5MHz-QPSK-38750-1RB#0-Range13:2365~26500MHz**



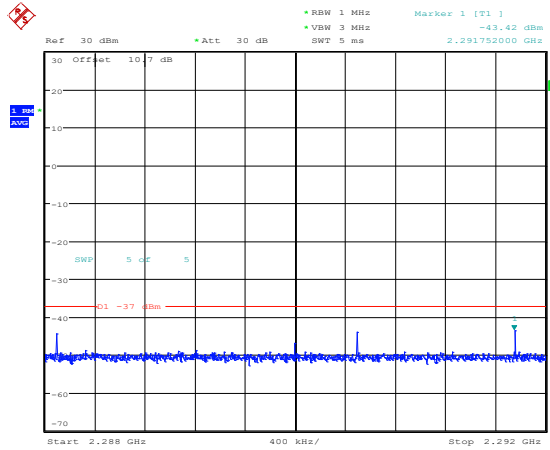
**Band40-5MHz-QPSK-38775-1RB#0-Range1:30~1000MHz**



**Band40-5MHz-QPSK-38775-1RB#0-Range2:1000~2288MHz**

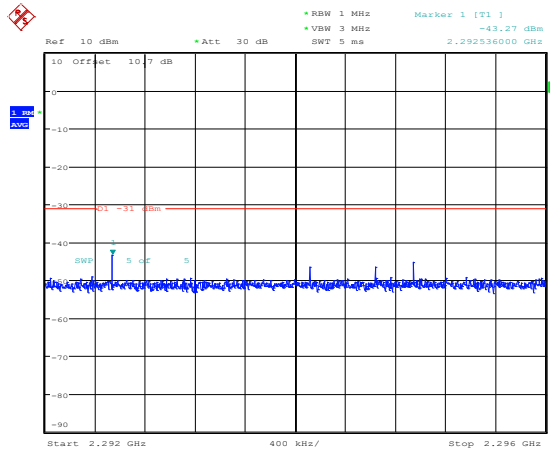


**Band40-5MHz-QPSK-38775-1RB#0-Range3:2288~2292MHz**



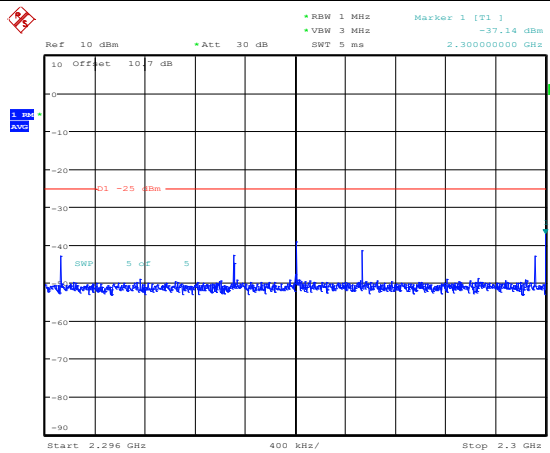
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**Band40-5MHz-QPSK-38775-1RB#0-Range4:2292~2296MHz**



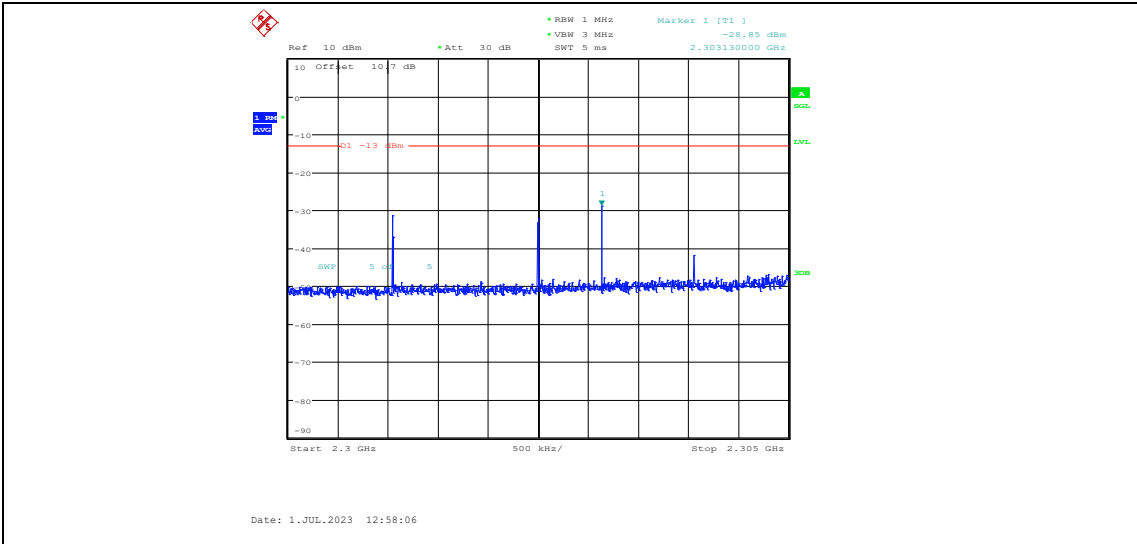
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**Band40-5MHz-QPSK-38775-1RB#0-Range5:2296~2300MHz**

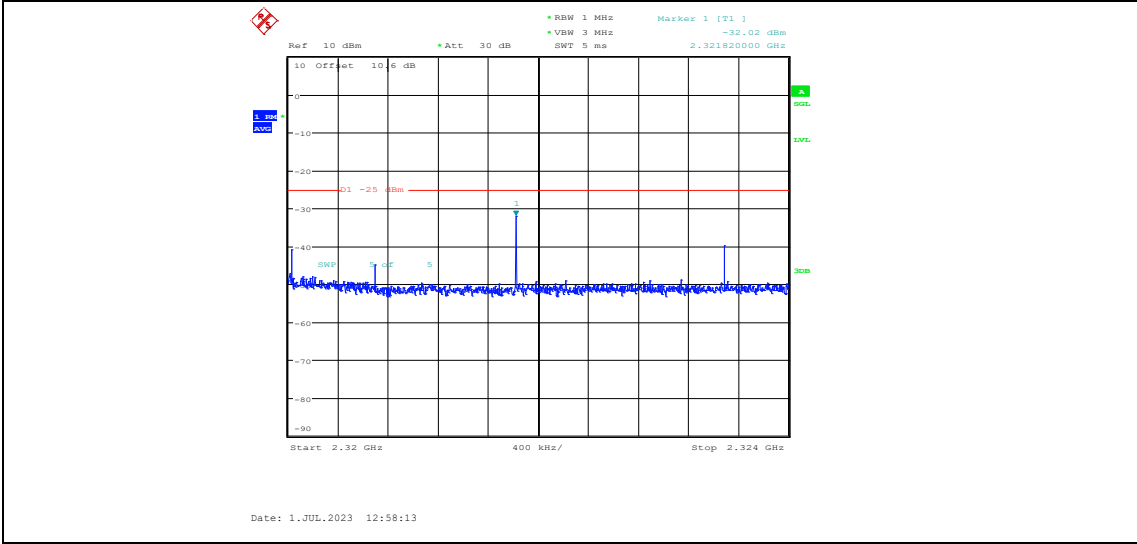


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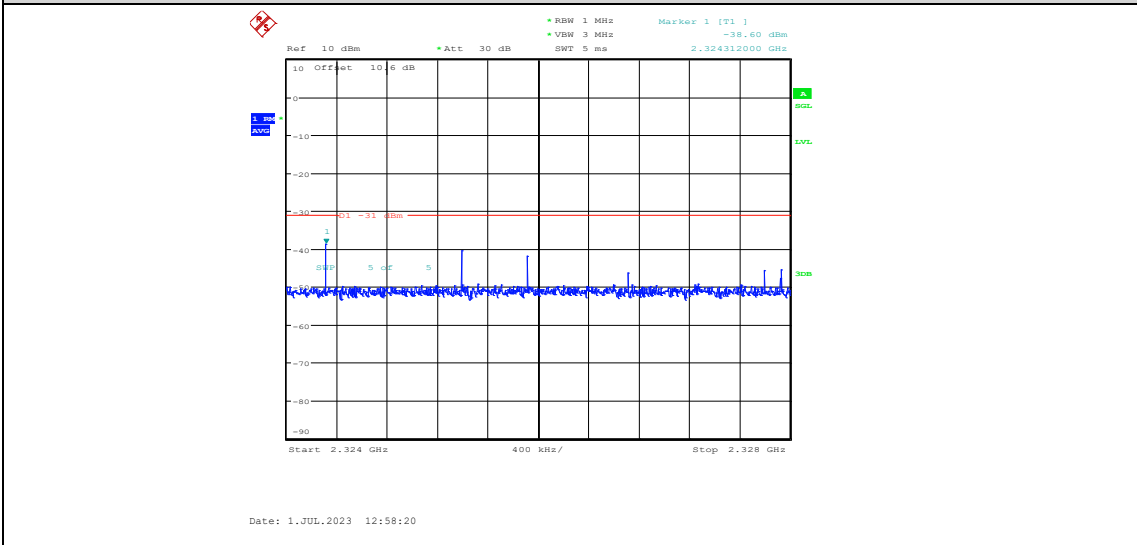
**Band40-5MHz-QPSK-38775-1RB#0-Range6:2300~2305MHz**



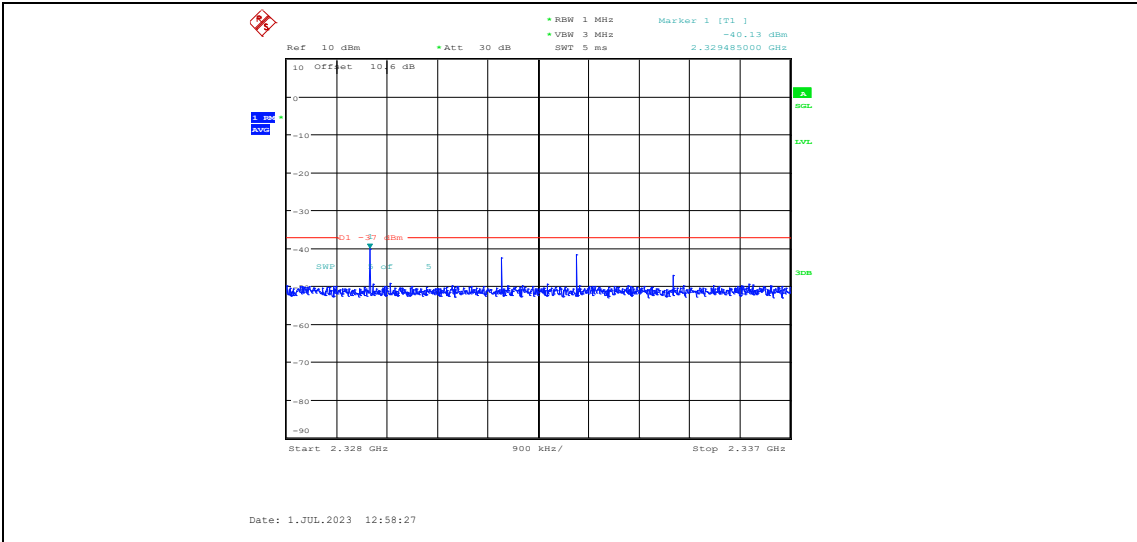
**Band40-5MHz-QPSK-38775-1RB#0-Range7:2320~2324MHz**



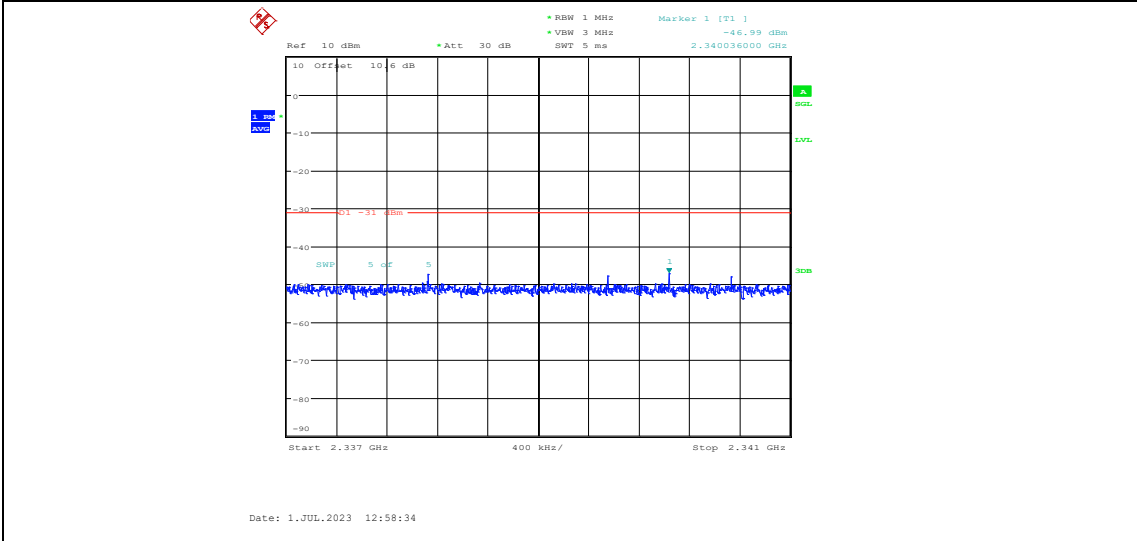
**Band40-5MHz-QPSK-38775-1RB#0-Range8:2324~2328MHz**



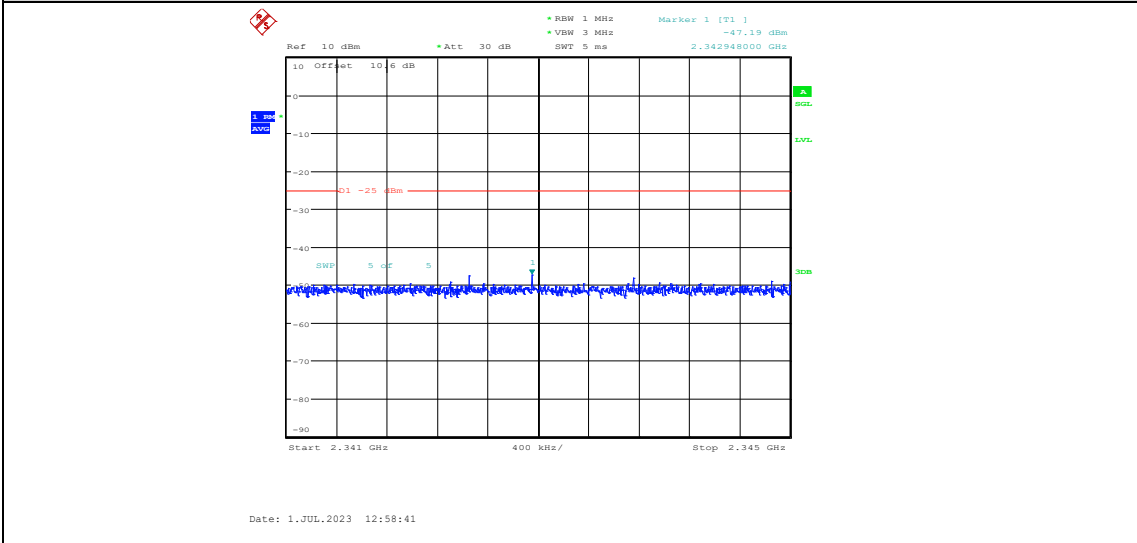
**Band40-5MHz-QPSK-38775-1RB#0-Range9:2328~2337MHz**



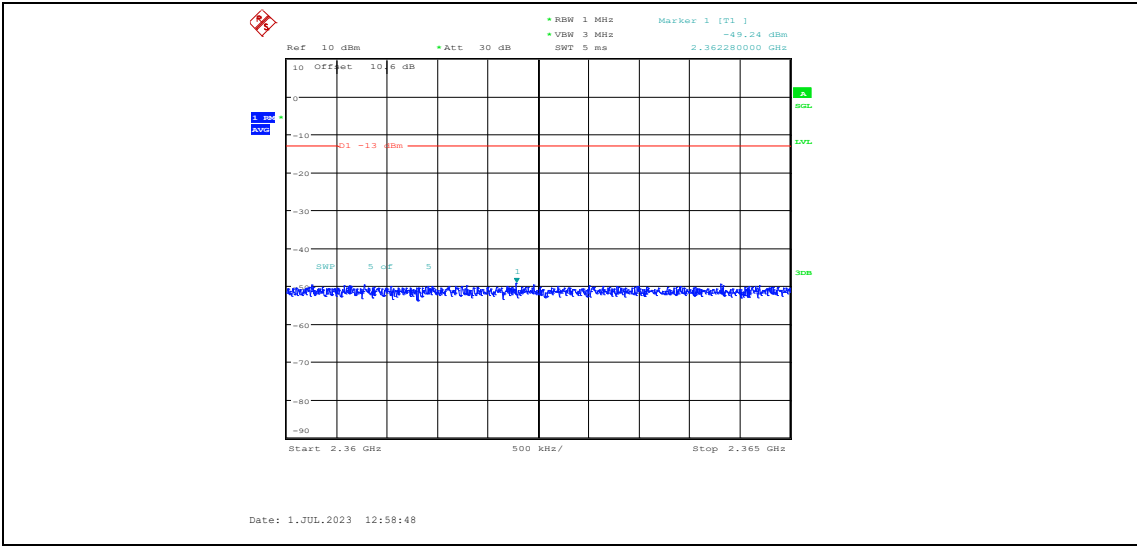
**Band40-5MHz-QPSK-38775-1RB#0-Range10:2337~2341MHz**



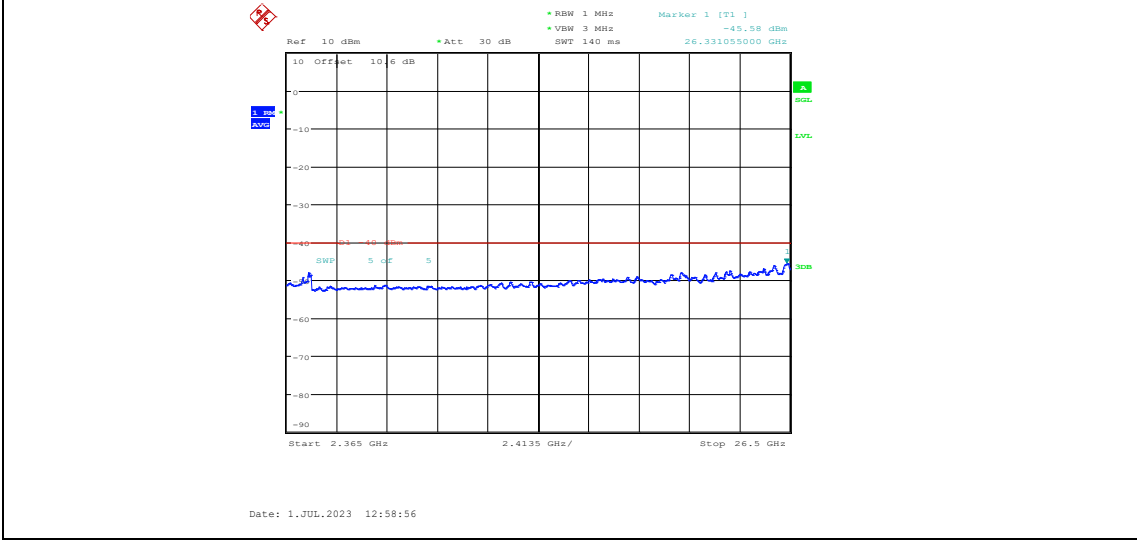
**Band40-5MHz-QPSK-38775-1RB#0-Range11:2341~2345MHz**



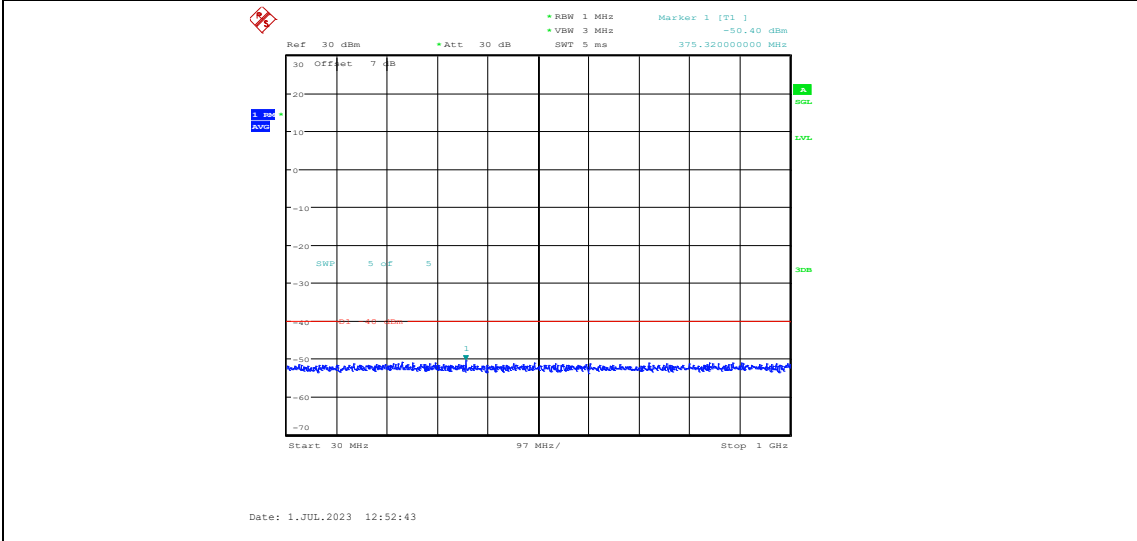
**Band40-5MHz-QPSK-38775-1RB#0-Range12:2360~2365MHz**



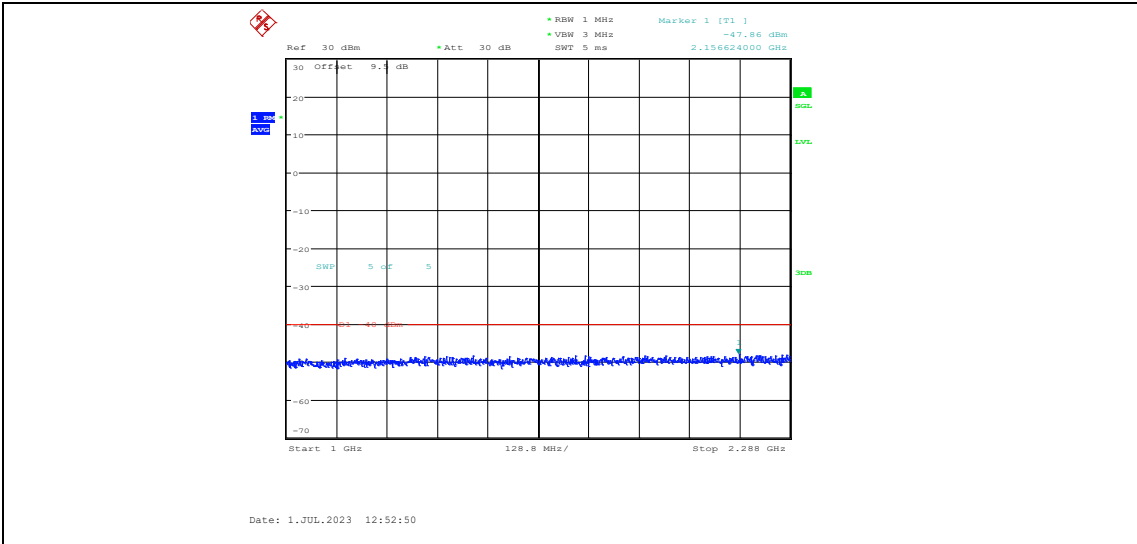
**Band40-5MHz-QPSK-38775-1RB#0-Range13:2365~26500MHz**



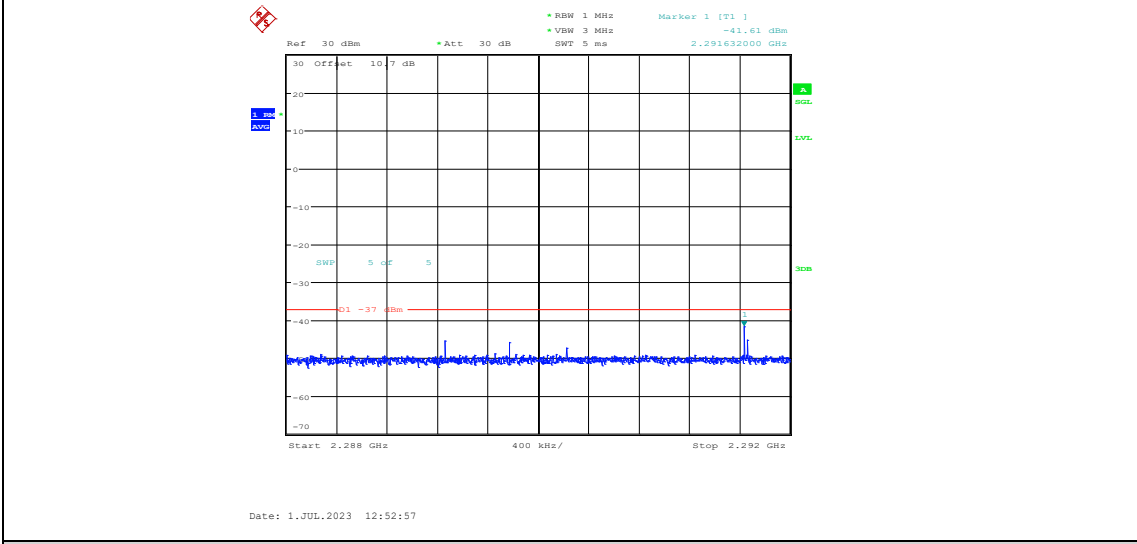
**Band40-5MHz-16QAM-38725-1RB#0-Range1:30~1000MHz**



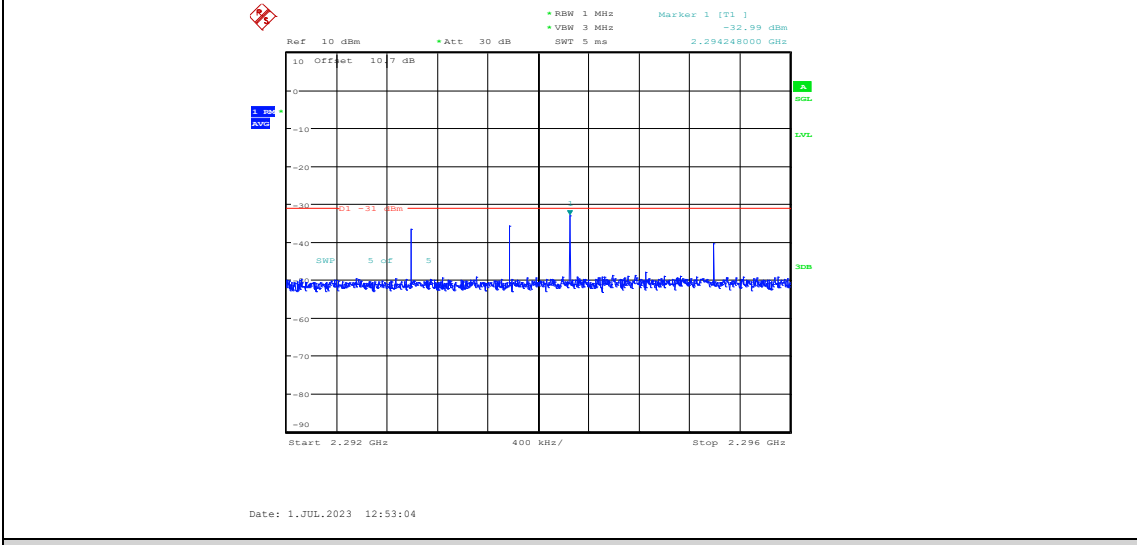
**Band40-5MHz-16QAM-38725-1RB#0-Range2:1000~2288MHz**



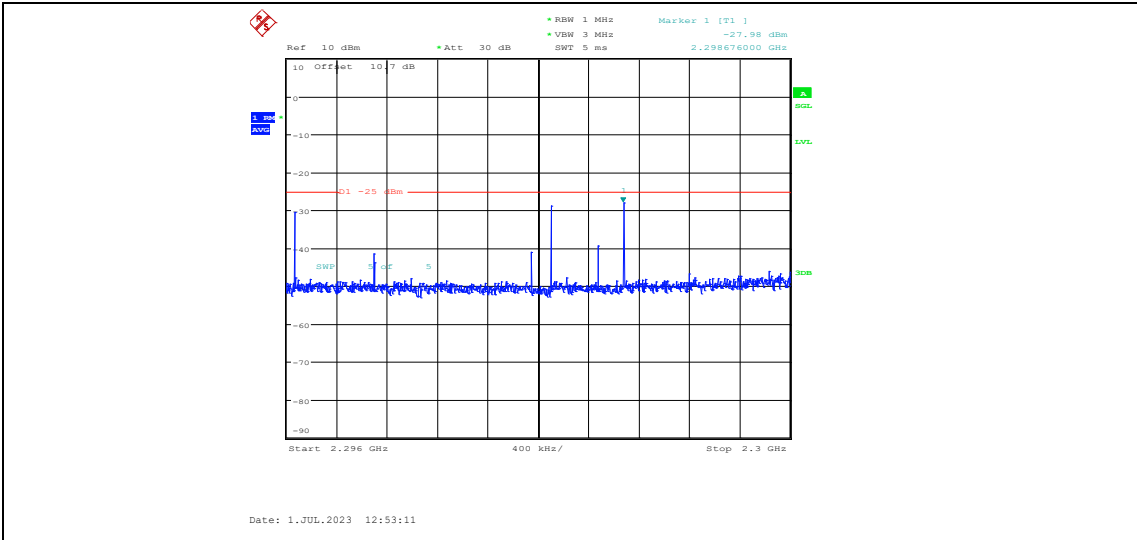
**Band40-5MHz-16QAM-38725-1RB#0-Range3:2288~2292MHz**



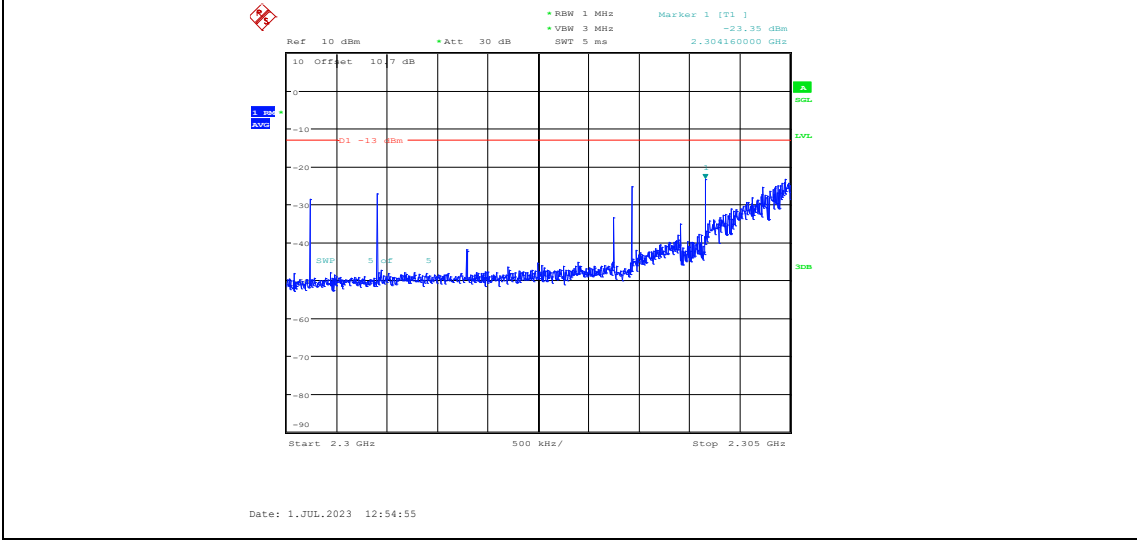
**Band40-5MHz-16QAM-38725-1RB#0-Range4:2292~2296MHz**



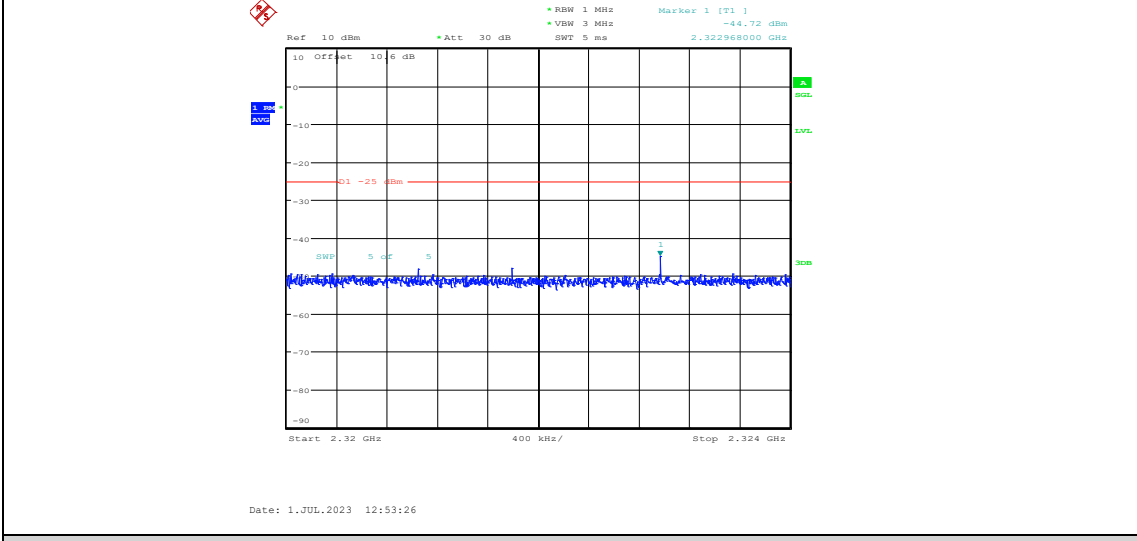
**Band40-5MHz-16QAM-38725-1RB#0-Range5:2296~2300MHz**



**Band40-5MHz-16QAM-38725-1RB#0-Range6:2300~2305MHz**

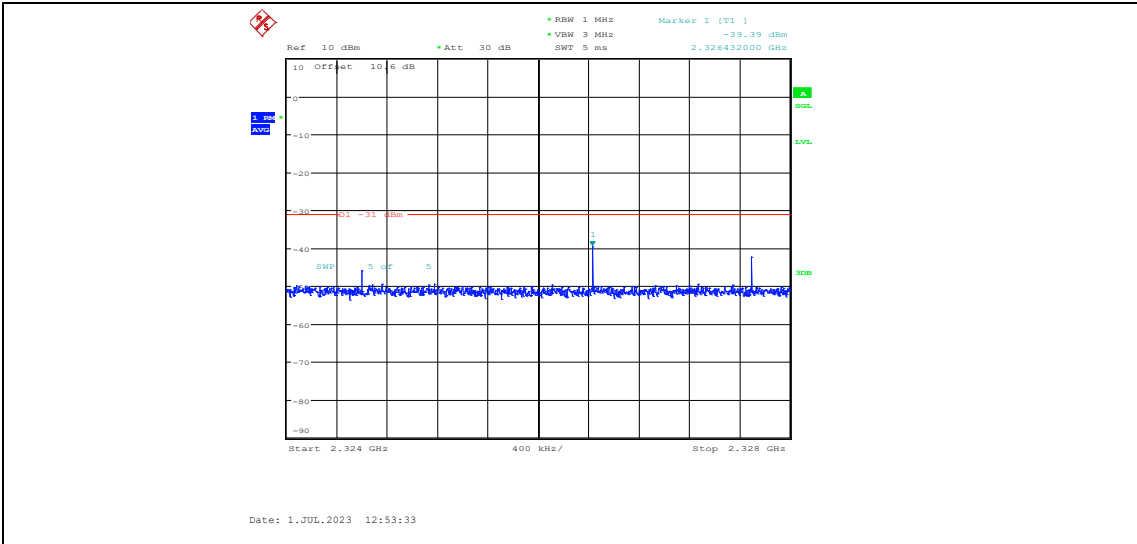


**Band40-5MHz-16QAM-38725-1RB#0-Range7:2320~2324MHz**

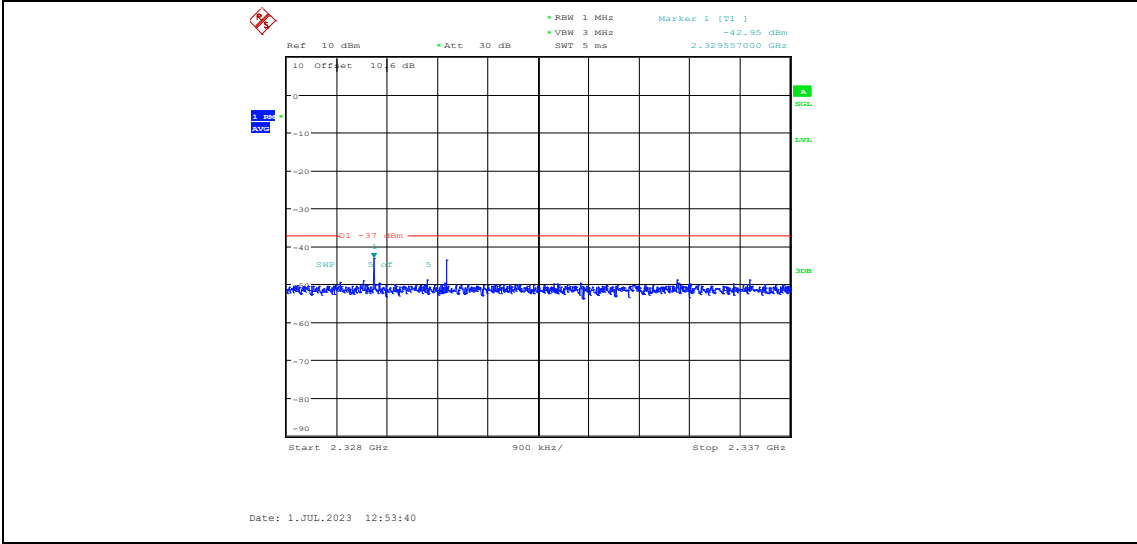


**Band40-5MHz-16QAM-38725-1RB#0-Range8:2324~2328MHz**

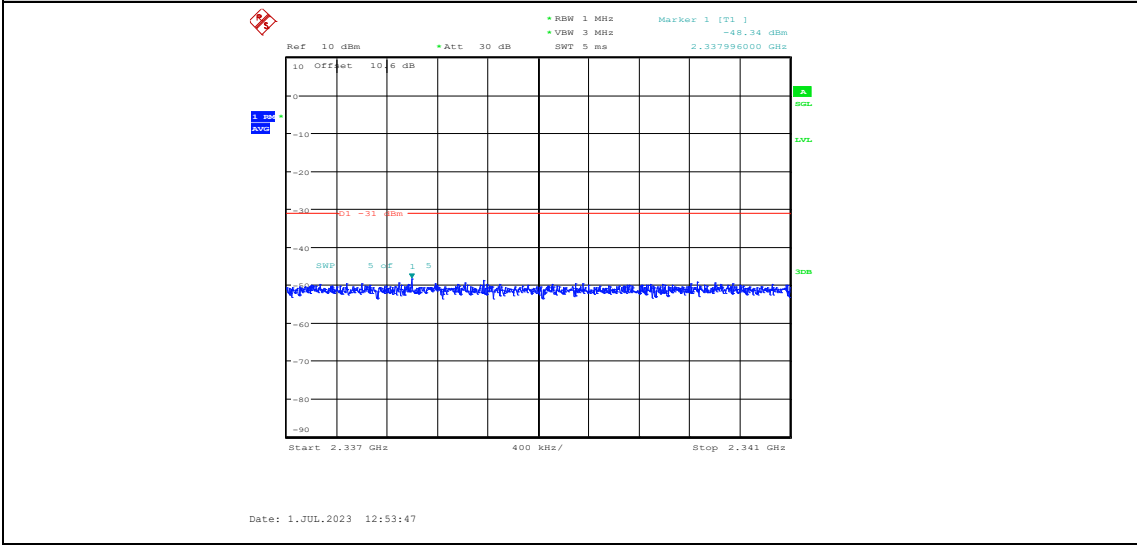




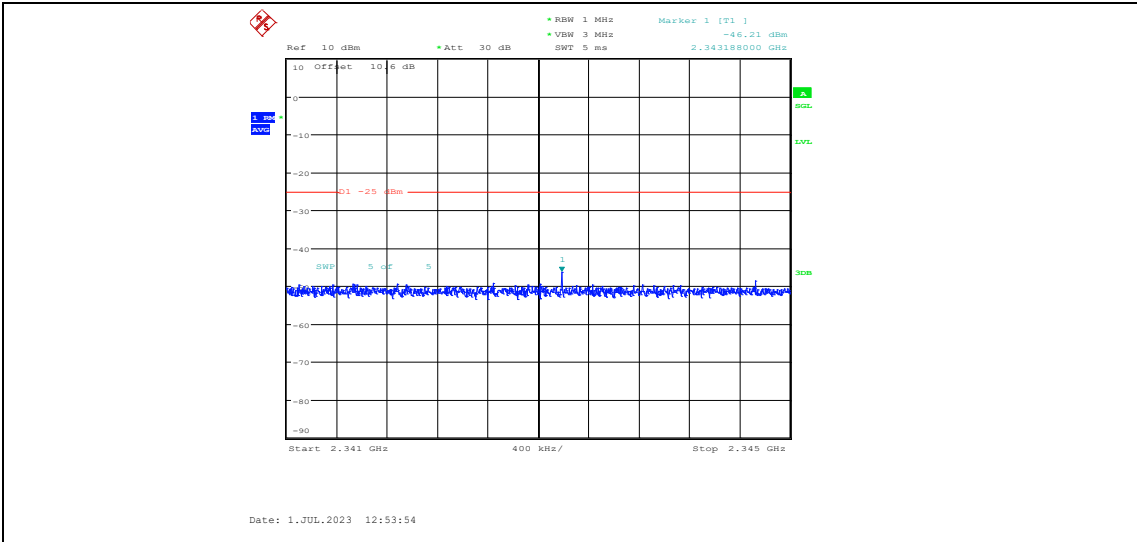
**Band40-5MHz-16QAM-38725-1RB#0-Range9:2328~2337MHz**



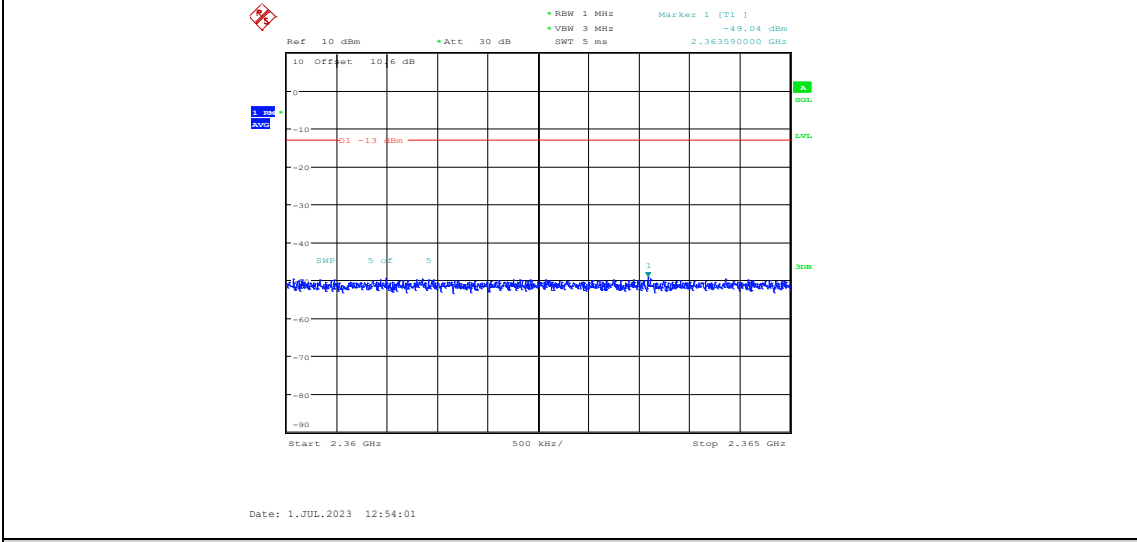
**Band40-5MHz-16QAM-38725-1RB#0-Range10:2337~2341MHz**



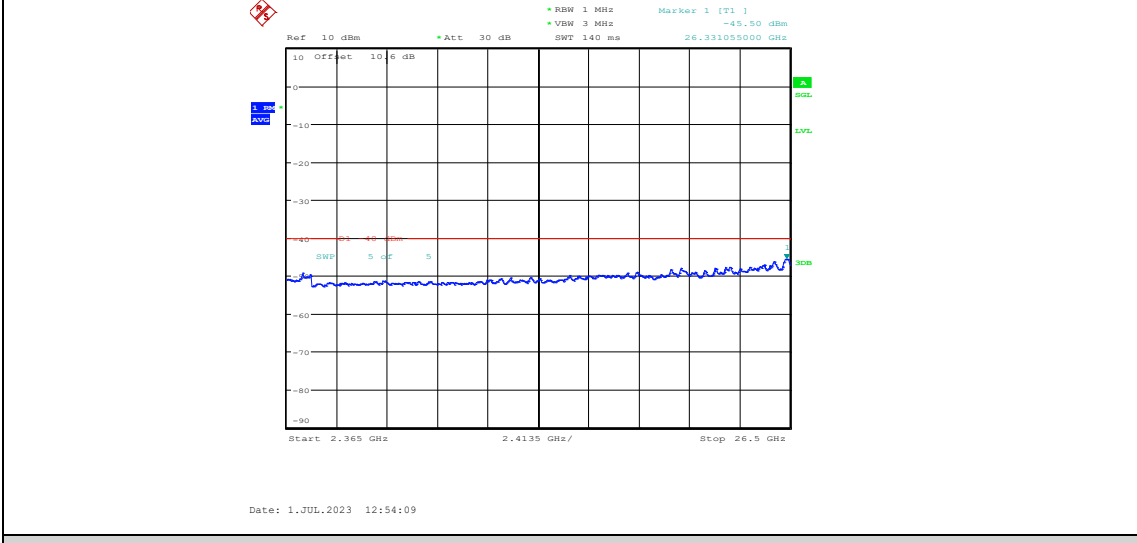
**Band40-5MHz-16QAM-38725-1RB#0-Range11:2341~2345MHz**



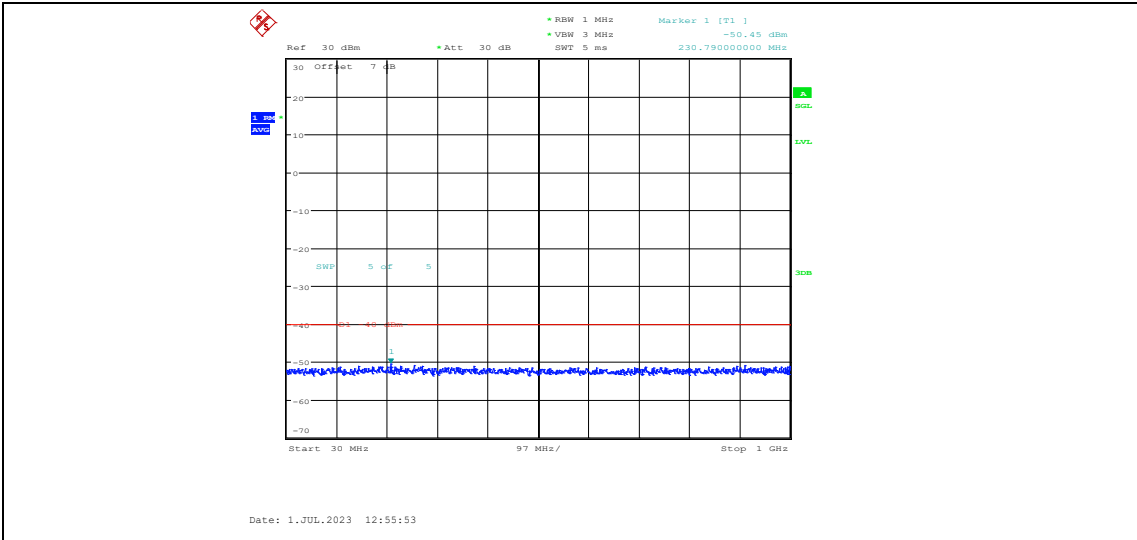
**Band40-5MHz-16QAM-38725-1RB#0-Range12:2360~2365MHz**



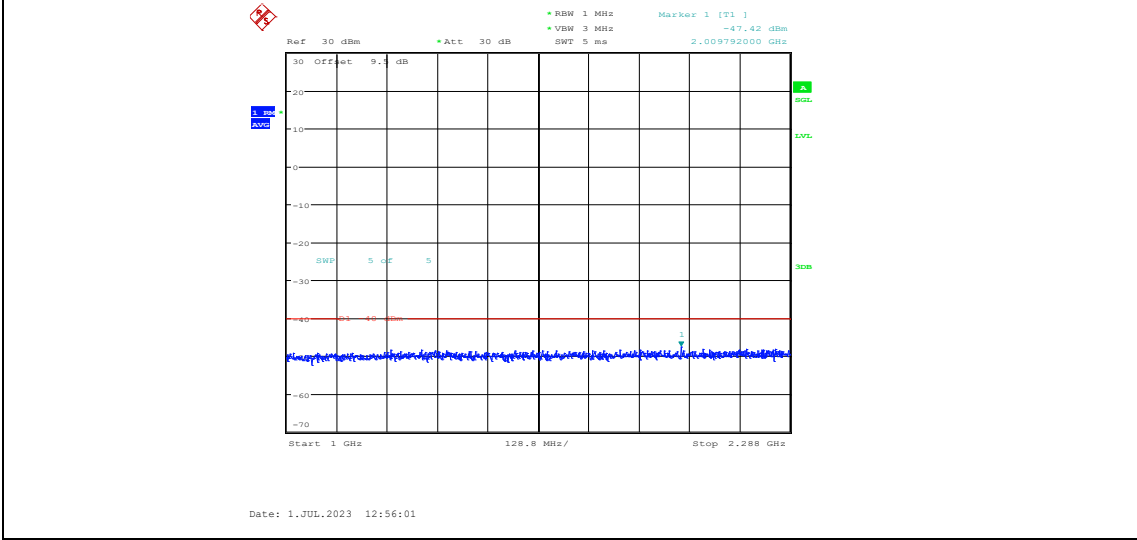
**Band40-5MHz-16QAM-38725-1RB#0-Range13:2365~2366MHz**



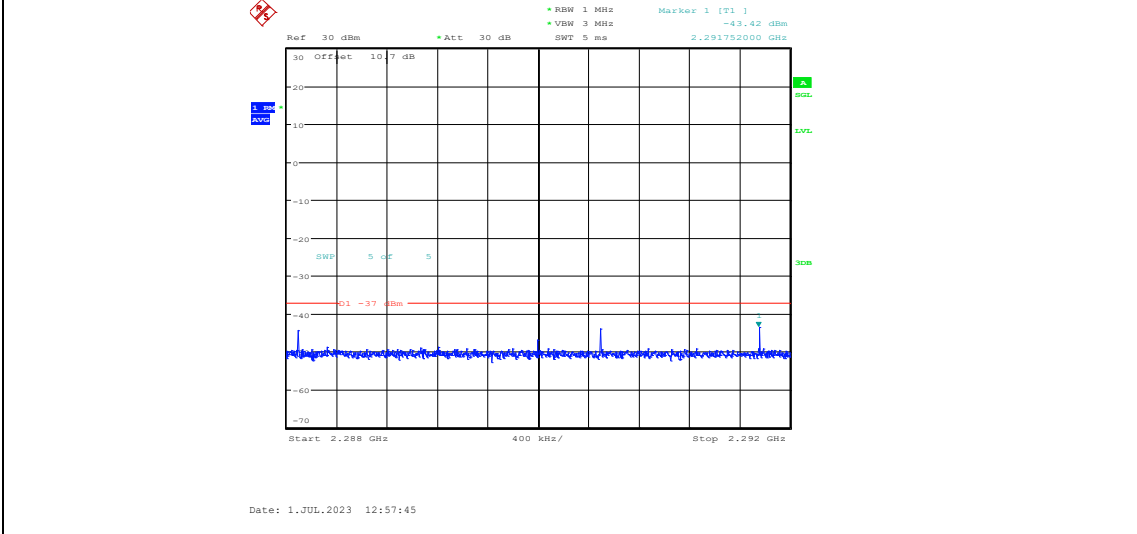
**Band40-5MHz-16QAM-38750-1RB#0-Range13:2365~26500MHz**



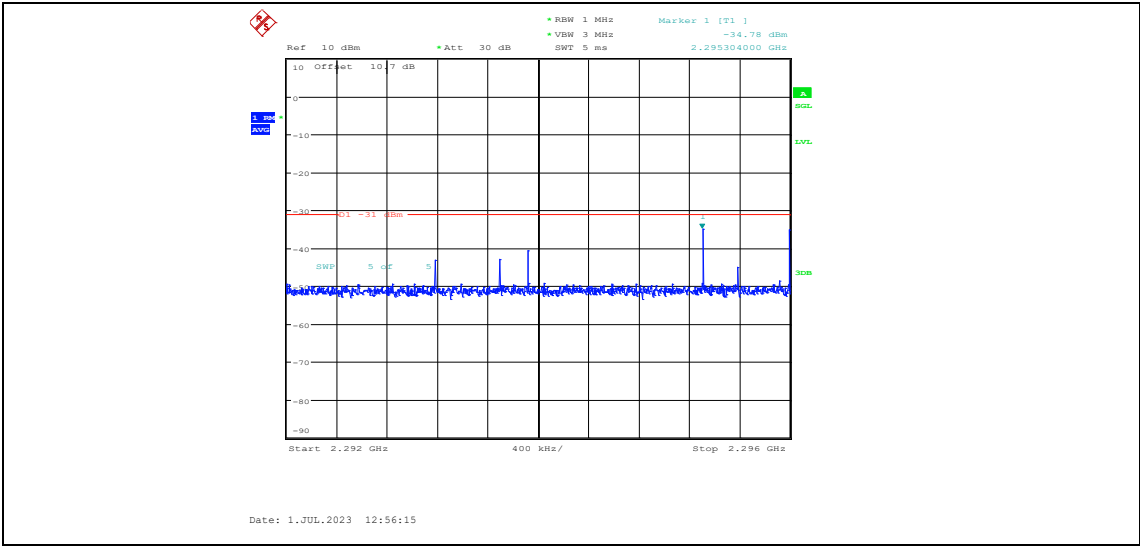
**Band40-5MHz-16QAM-38750-1RB#0-Range2:1000~2288MHz**



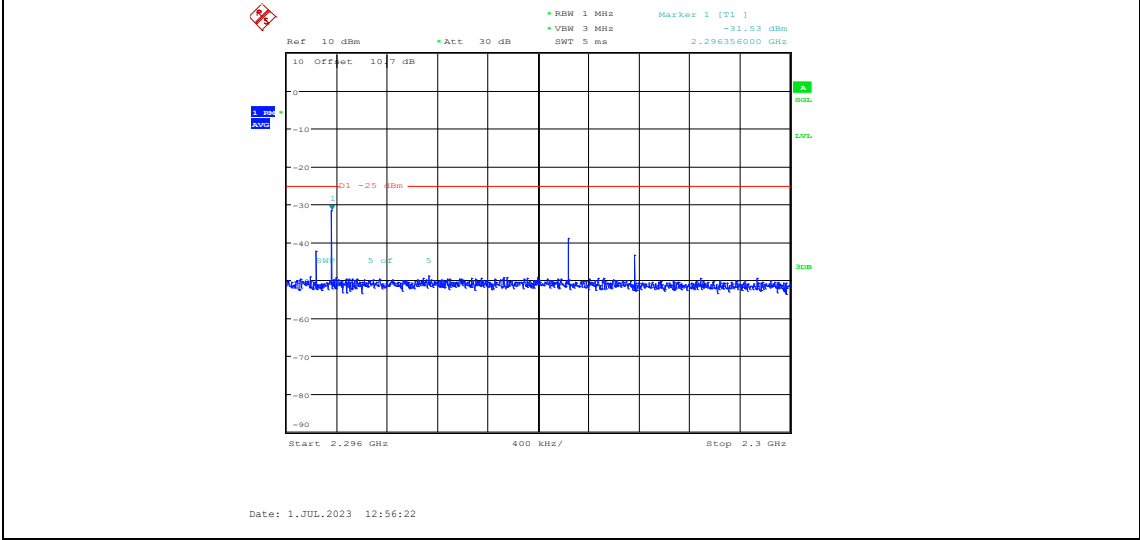
**Band40-5MHz-16QAM-38750-1RB#0-Range3:2288~2292MHz**



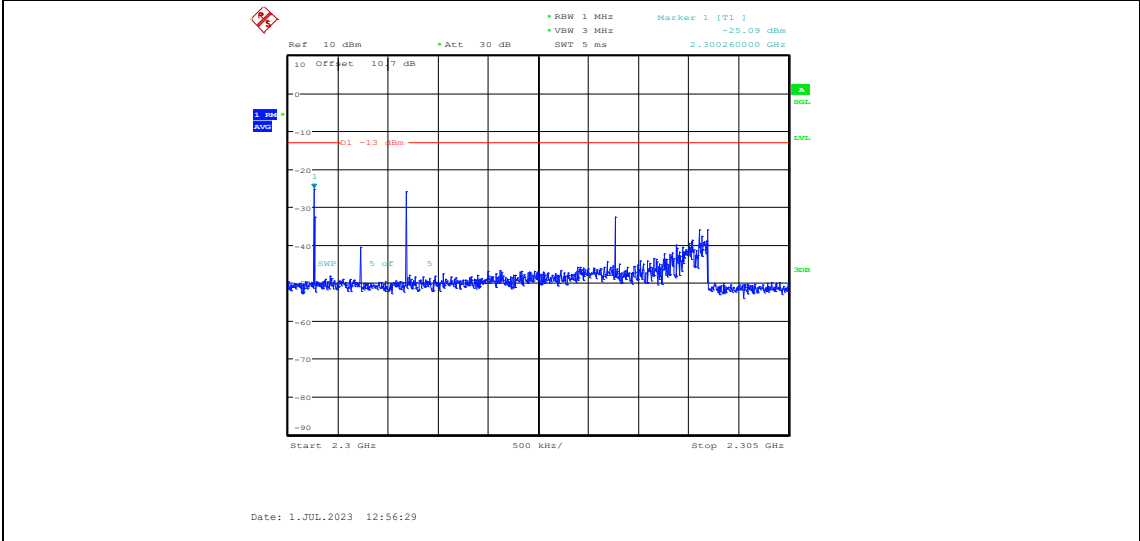
**Band40-5MHz-16QAM-38750-1RB#0-Range4:2292~2296MHz**



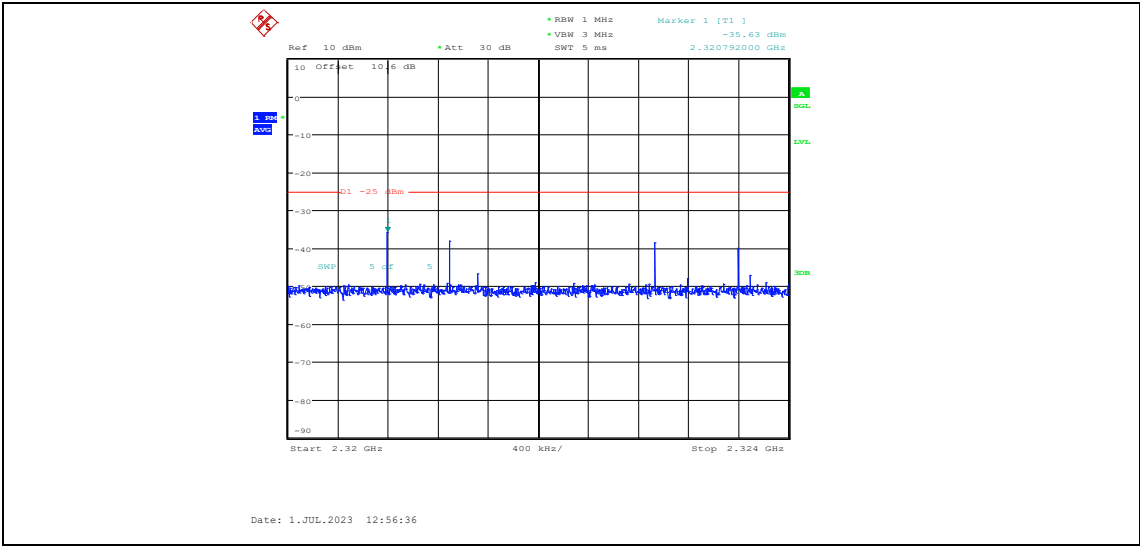
**Band40-5MHz-16QAM-38750-1RB#0-Range5:2296~2300MHz**



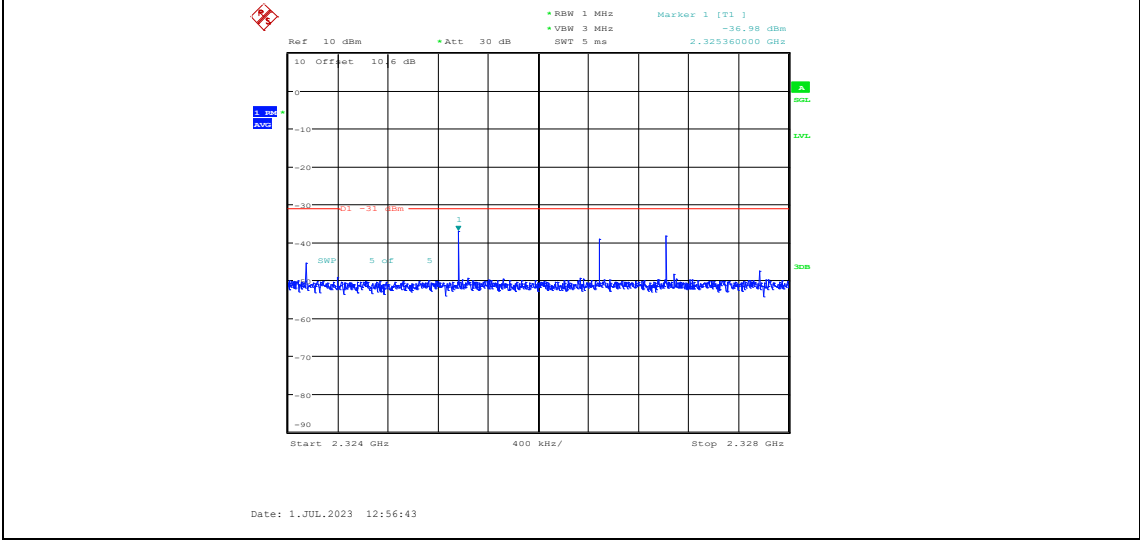
**Band40-5MHz-16QAM-38750-1RB#0-Range6:2300~2305MHz**



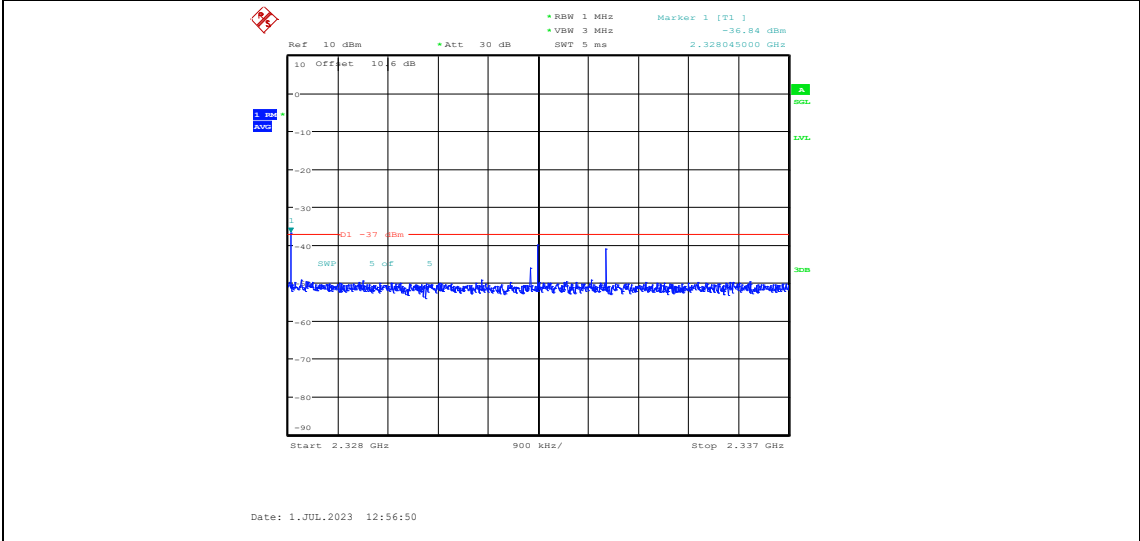
**Band40-5MHz-16QAM-38750-1RB#0-Range7:2320~2324MHz**



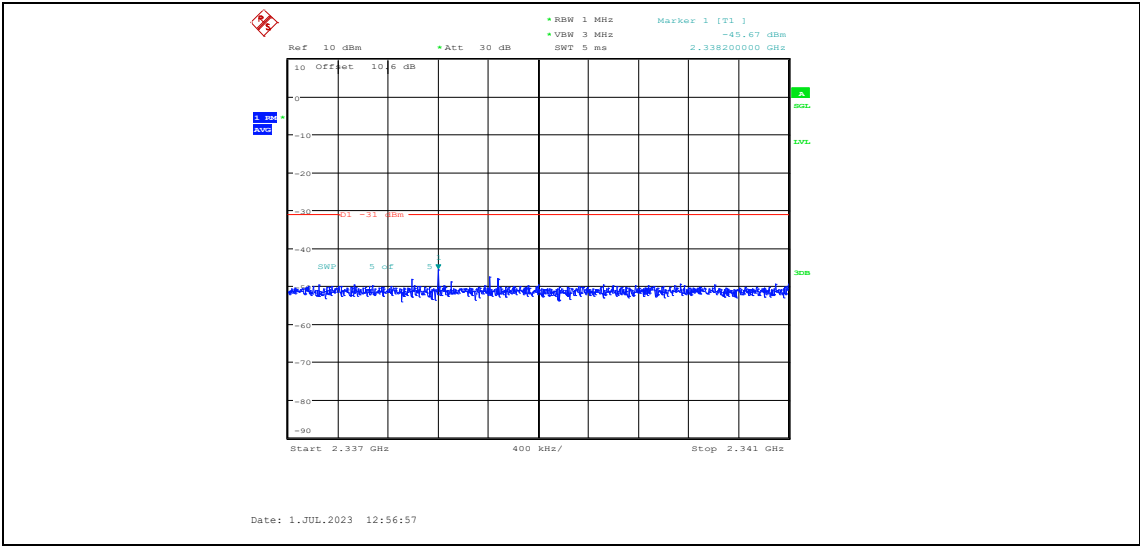
**Band40-5MHz-16QAM-38750-1RB#0-Range8:2324~2328MHz**



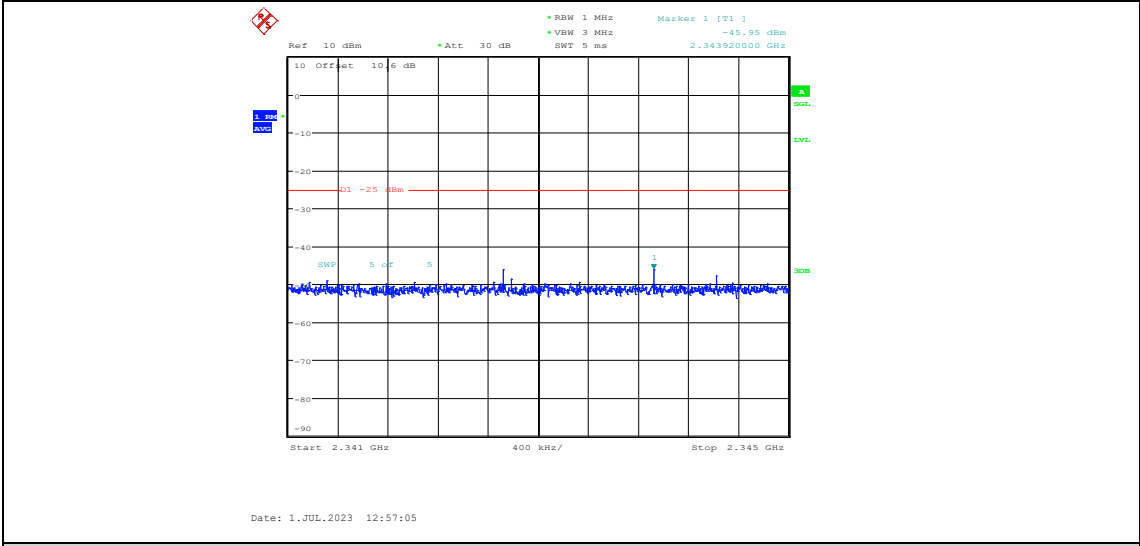
**Band40-5MHz-16QAM-38750-1RB#0-Range9:2328~2337MHz**



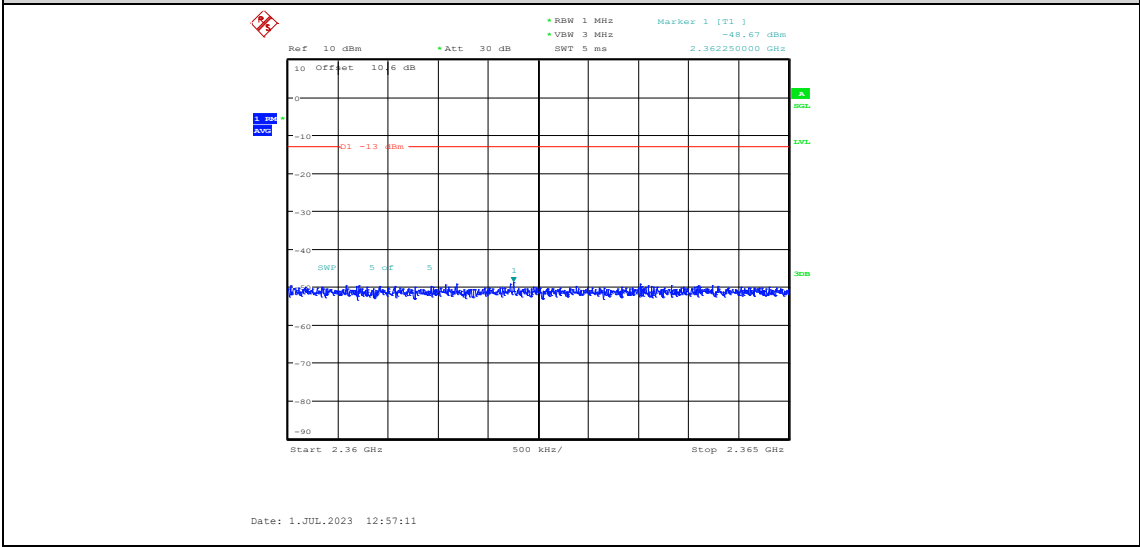
**Band40-5MHz-16QAM-38750-1RB#0-Range10:2337~2341MHz**



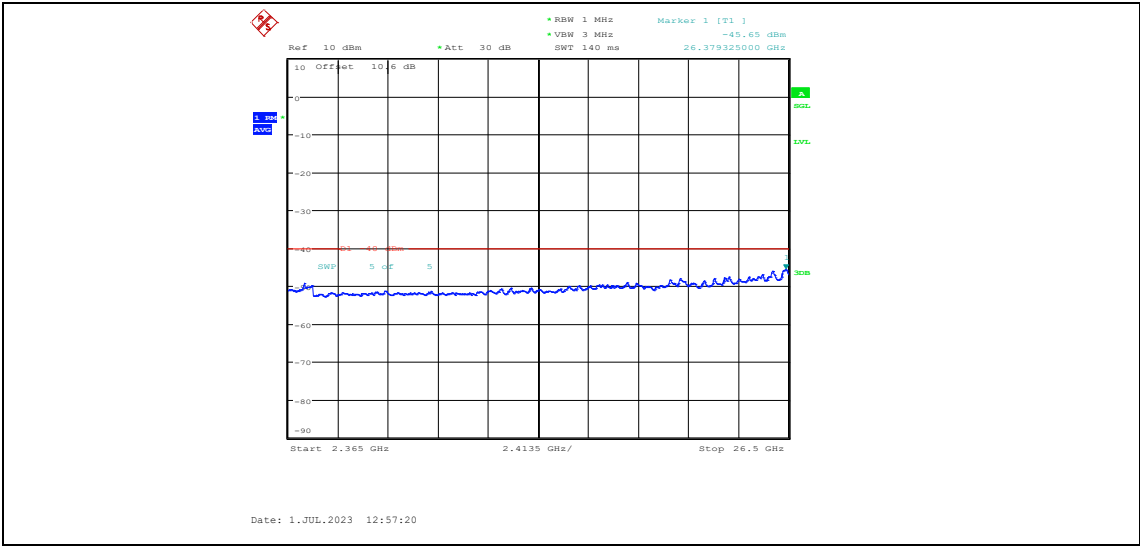
**Band40-5MHz-16QAM-38750-1RB#0-Range11:2341~2345MHz**



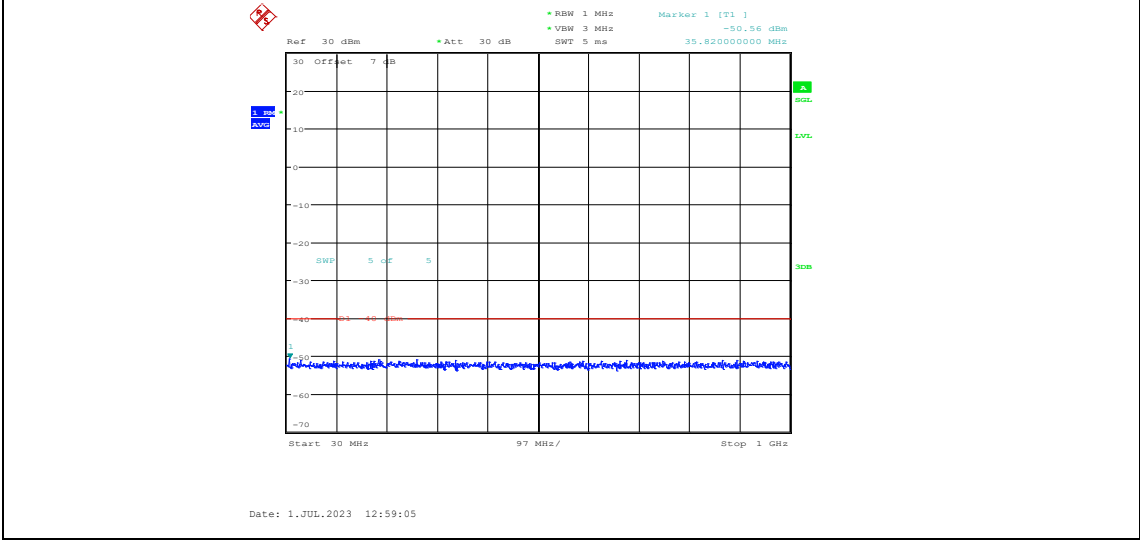
**Band40-5MHz-16QAM-38750-1RB#0-Range12:2360~2365MHz**



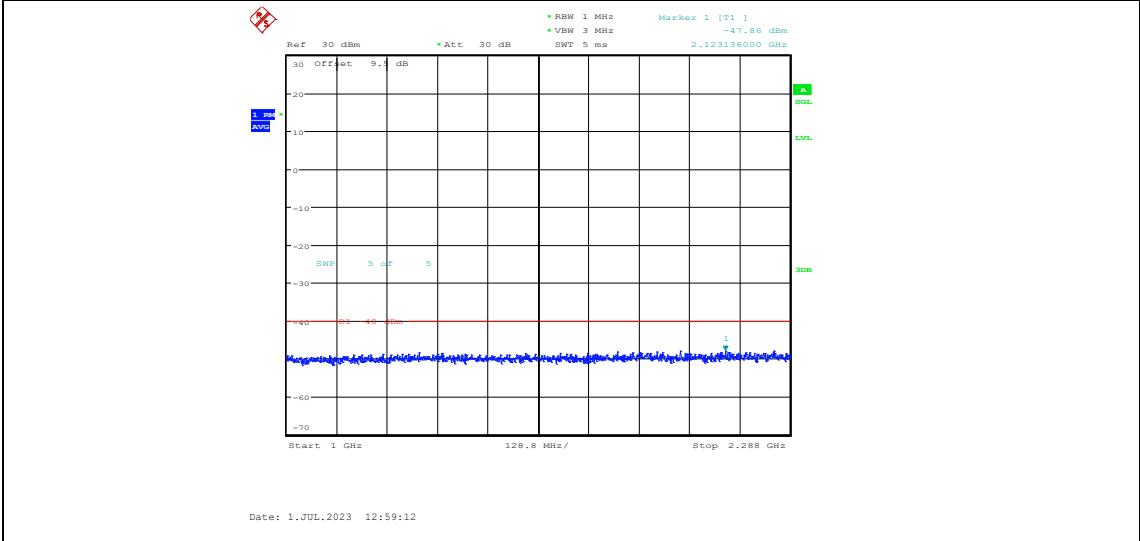
**Band40-5MHz-16QAM-38750-1RB#0-Range13:2365~26500MHz**



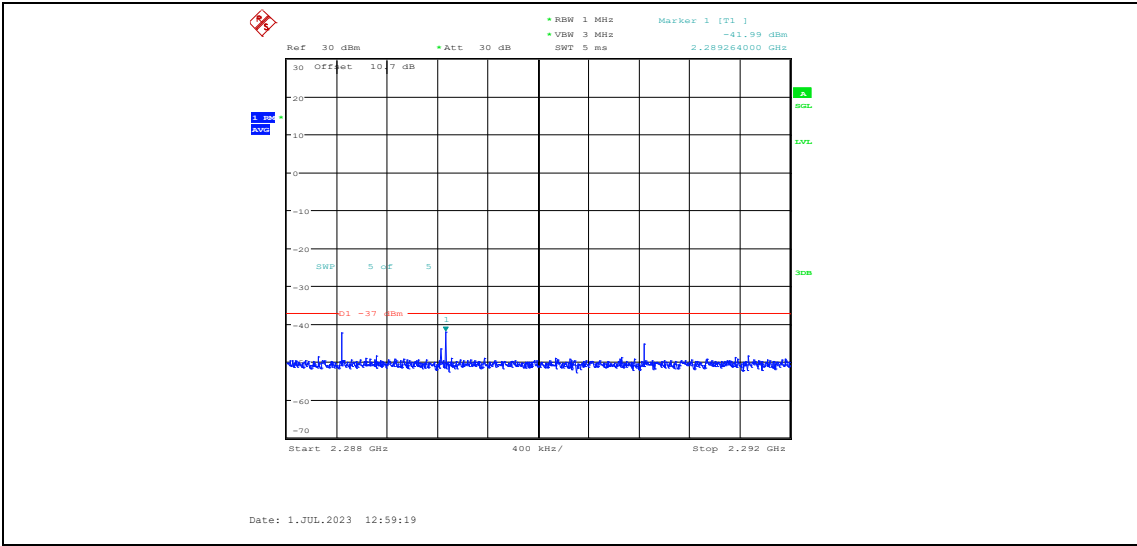
**Band40-5MHz-16QAM-38775-1RB#0-Range1:30~1000MHz**



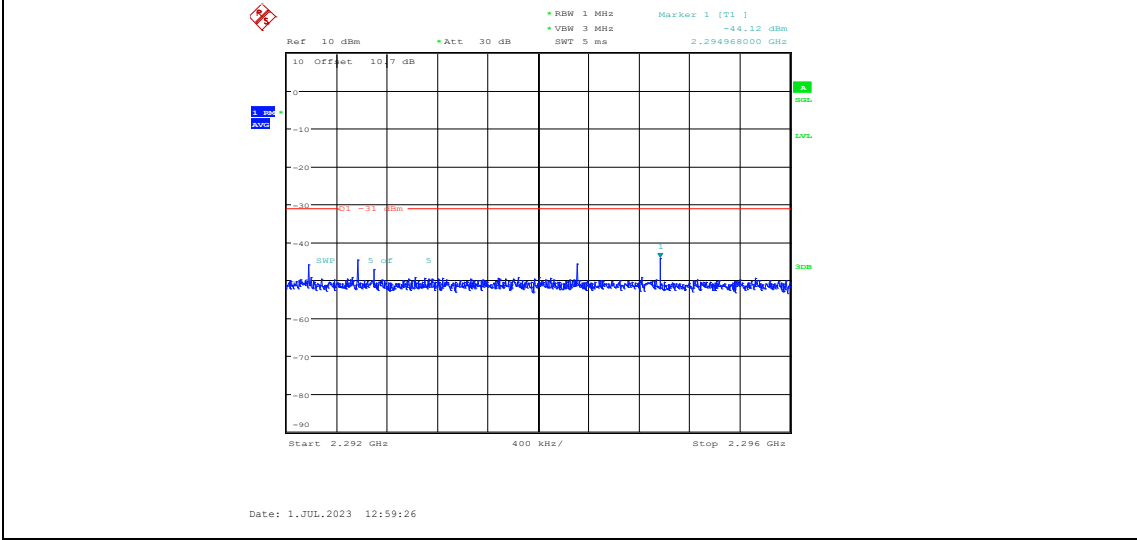
**Band40-5MHz-16QAM-38775-1RB#0-Range2:1000~2288MHz**



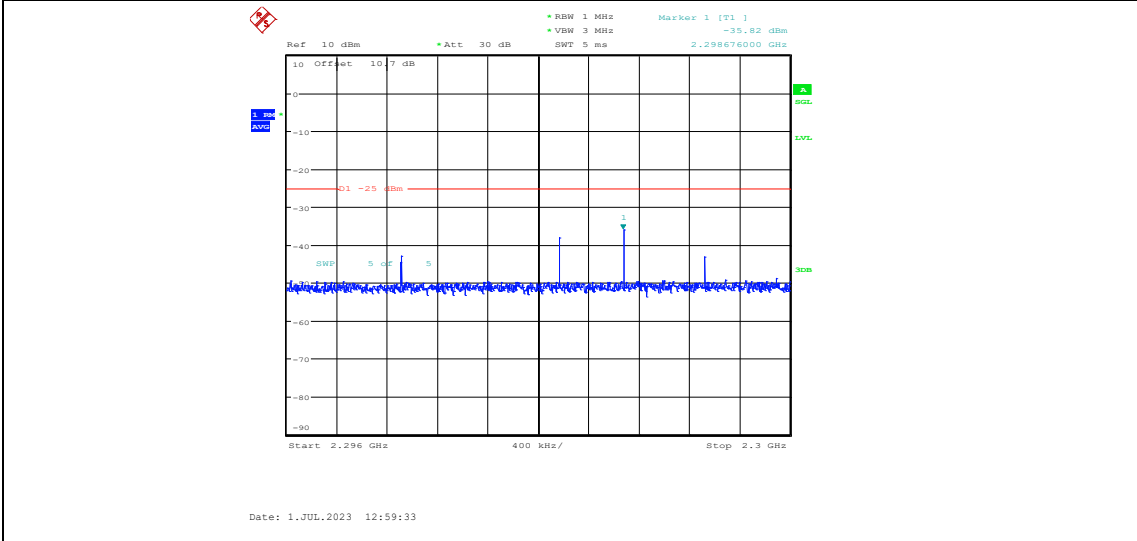
**Band40-5MHz-16QAM-38775-1RB#0-Range3:2288~2292MHz**



**Band40-5MHz-16QAM-38775-1RB#0-Range4:2292~2296MHz**

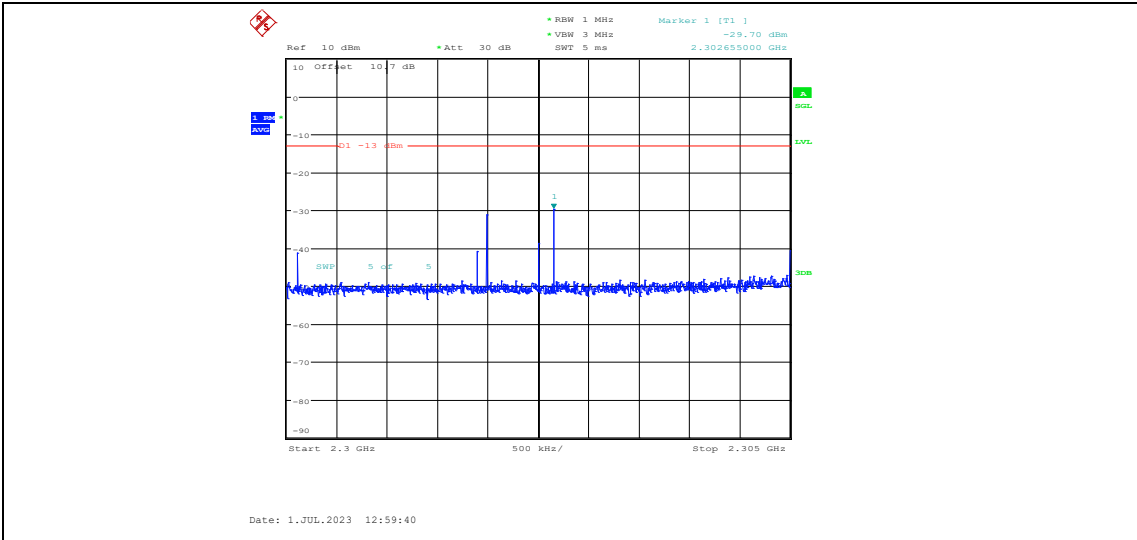


**Band40-5MHz-16QAM-38775-1RB#0-Range5:2296~2300MHz**

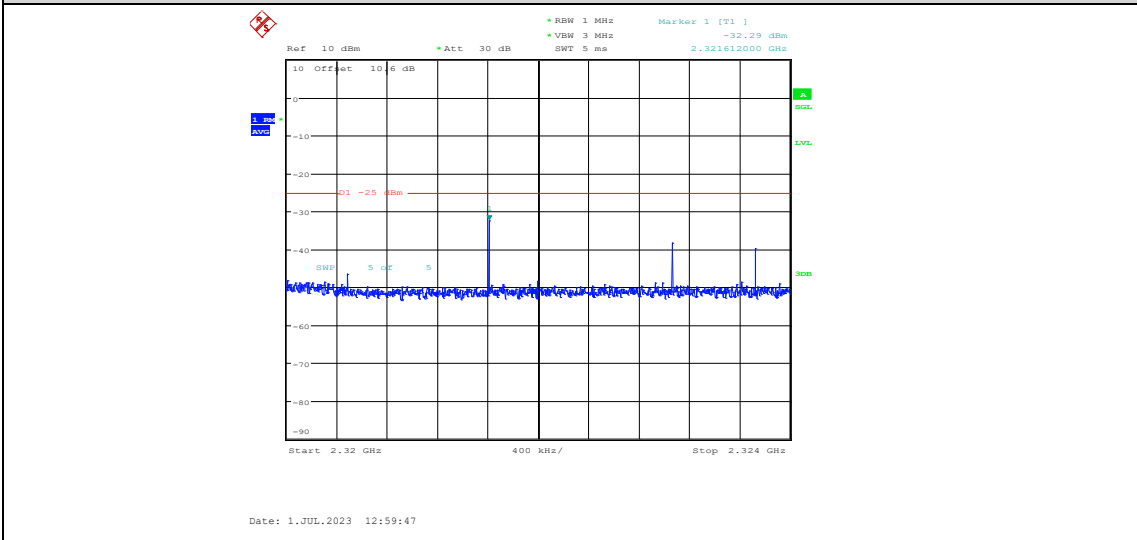


**Band40-5MHz-16QAM-38775-1RB#0-Range6:2300~2305MHz**

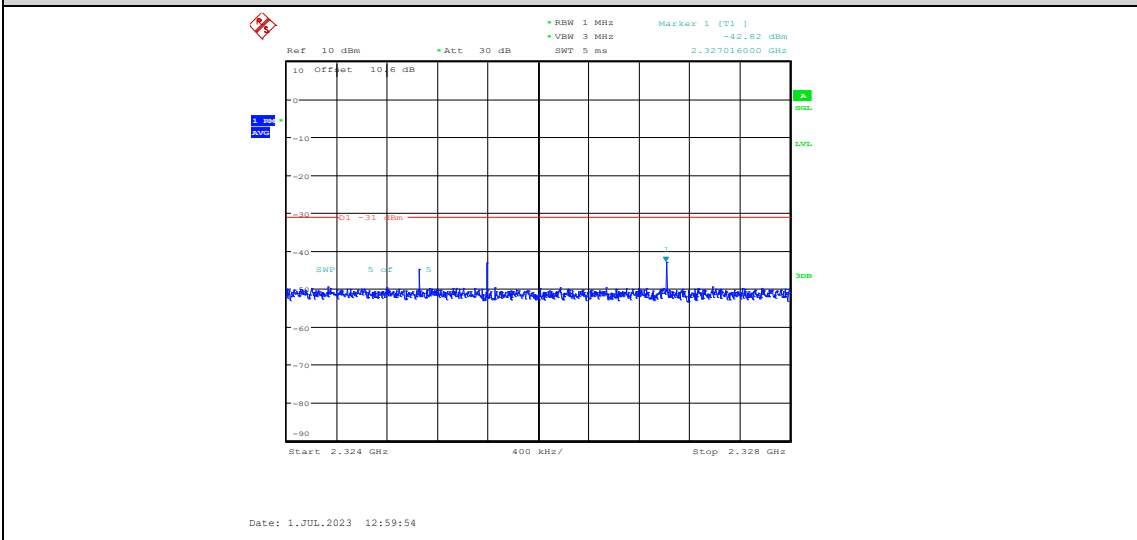




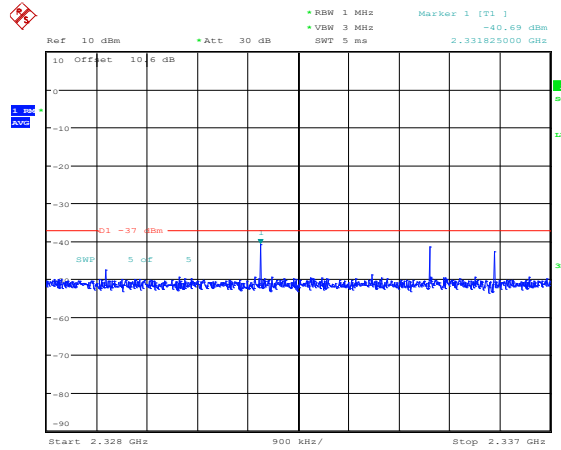
**Band40-5MHz-16QAM-38775-1RB#0-Range7:2320~2324MHz**



**Band40-5MHz-16QAM-38775-1RB#0-Range8:2324~2328MHz**

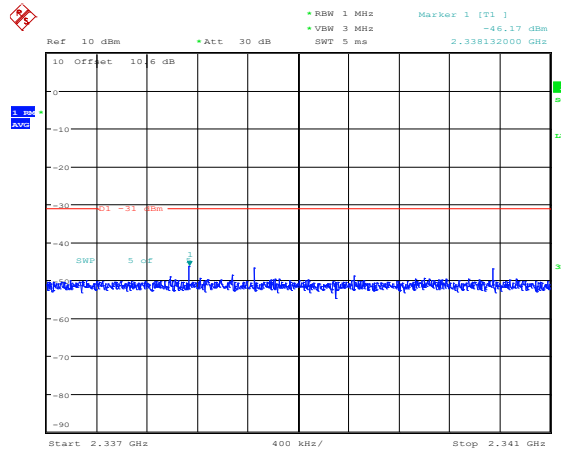


**Band40-5MHz-16QAM-38775-1RB#0-Range9:2328~2337MHz**



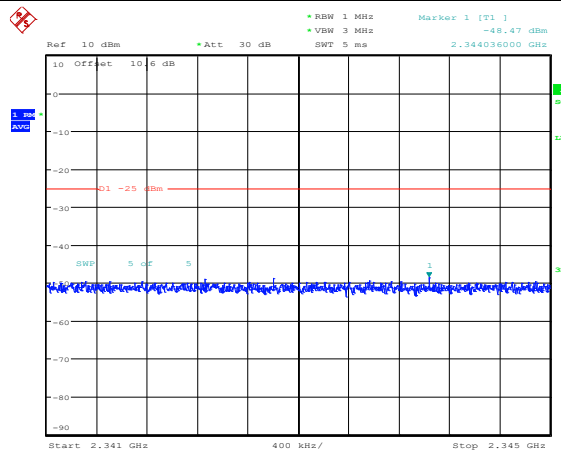
Date: 1.JUL.2023 13:00:01

**Band40-5MHz-16QAM-38775-1RB#0-Range10:2337~2341MHz**



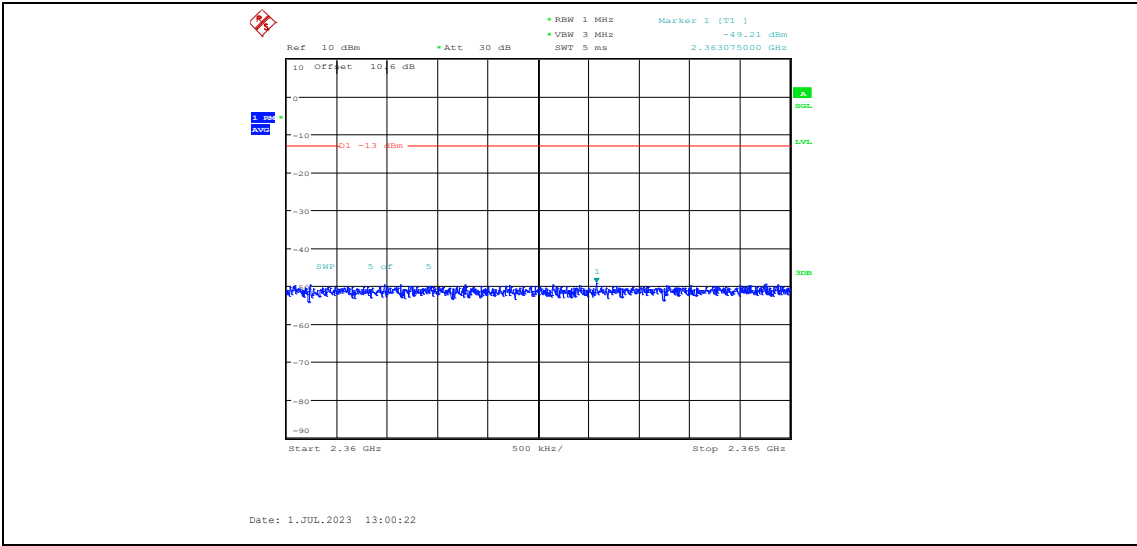
Date: 1.JUL.2023 13:00:08

**Band40-5MHz-16QAM-38775-1RB#0-Range11:2341~2345MHz**

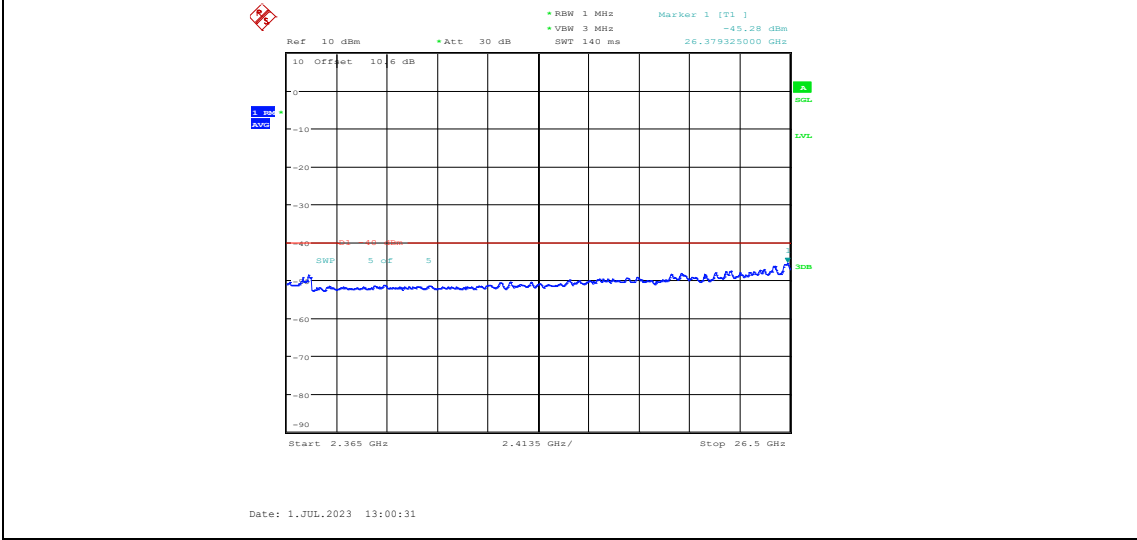


Date: 1.JUL.2023 13:00:15

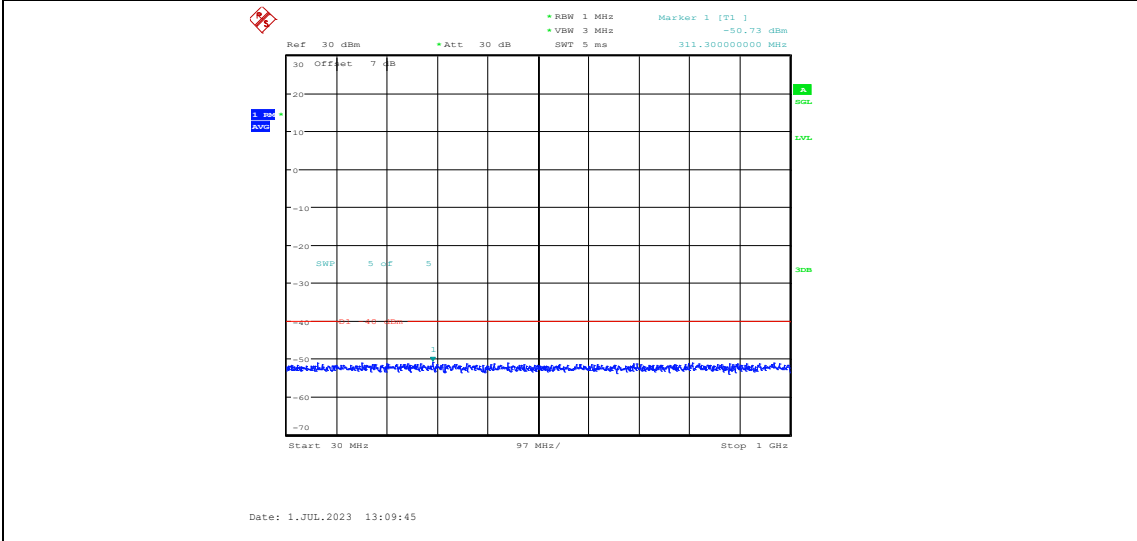
**Band40-5MHz-16QAM-38775-1RB#0-Range12:2360~2365MHz**



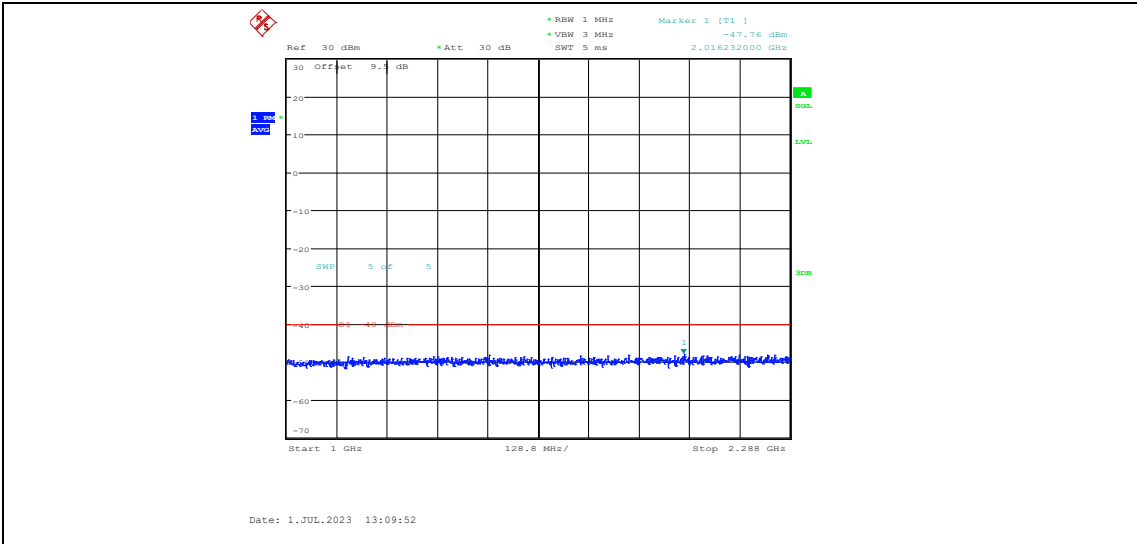
**Band40-5MHz-16QAM-38775-1RB#0-Range13:2365~26500MHz**



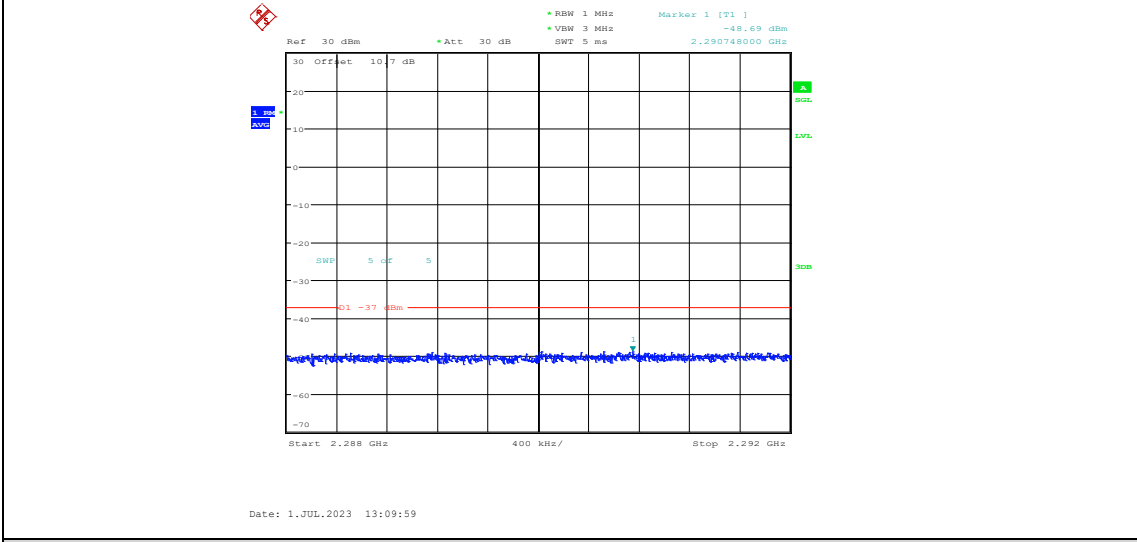
**Band40-10MHz-QPSK-38750-1RB#0-Range1:30~1000MHz**



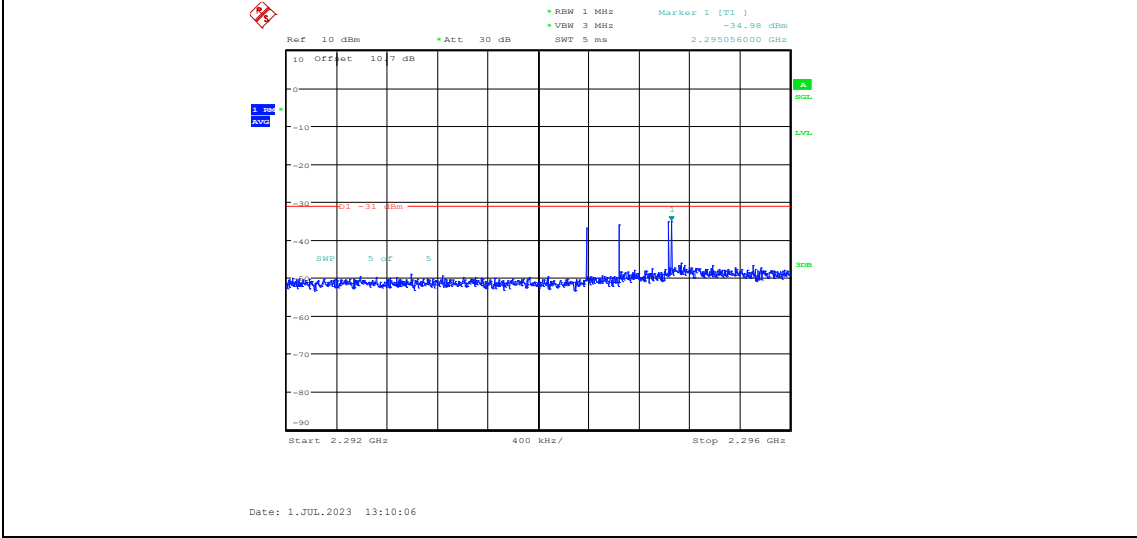
**Band40-10MHz-QPSK-38750-1RB#0-Range2:1000~2288MHz**



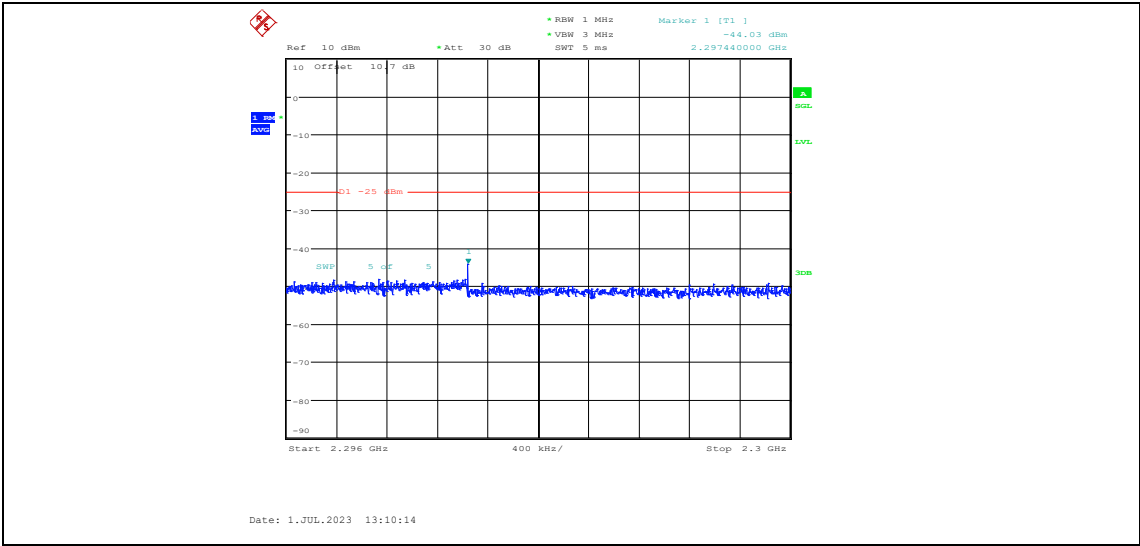
**Band40-10MHz-QPSK-38750-1RB#0-Range3:2288~2292MHz**



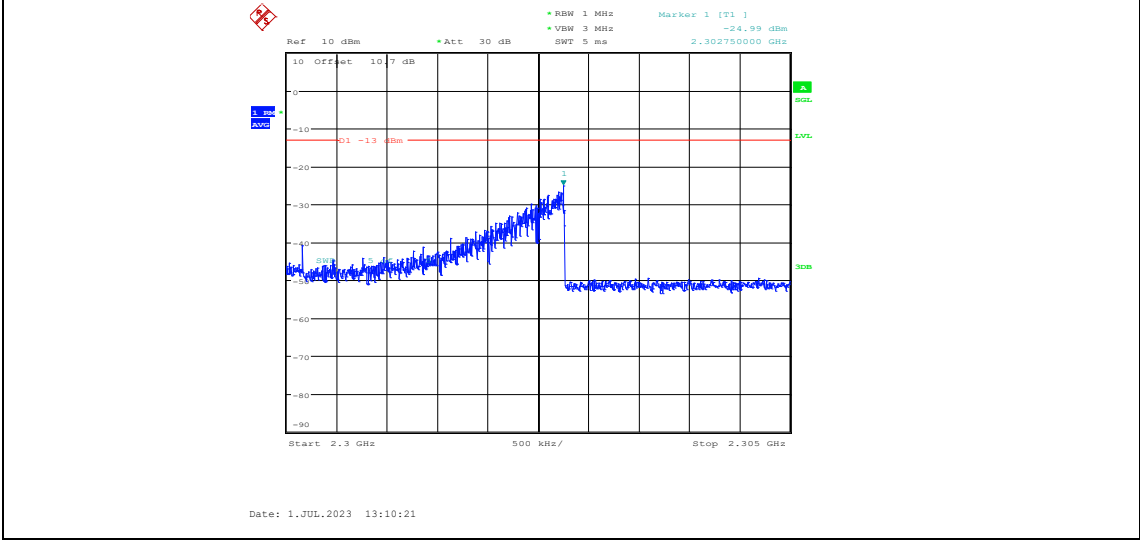
**Band40-10MHz-QPSK-38750-1RB#0-Range4:2292~2296MHz**



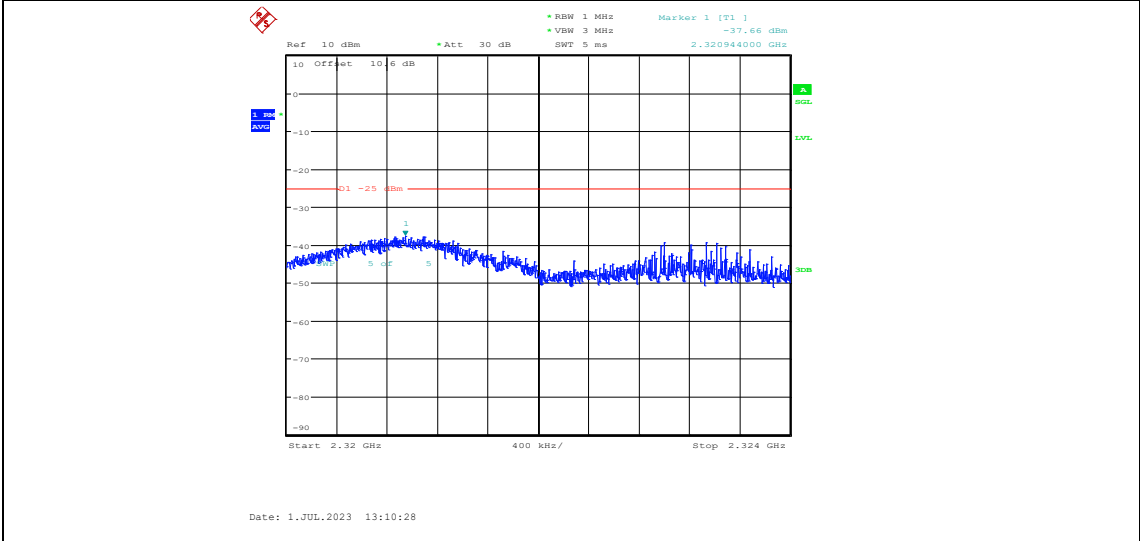
**Band40-10MHz-QPSK-38750-1RB#0-Range5:2296~2300MHz**



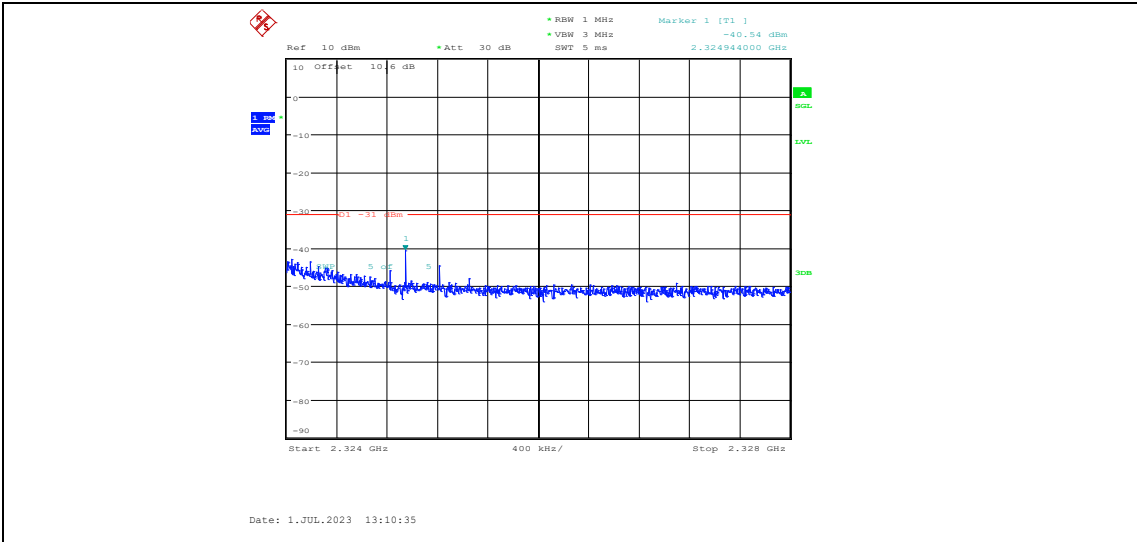
**Band40-10MHz-QPSK-38750-1RB#0-Range6:2300~2305MHz**



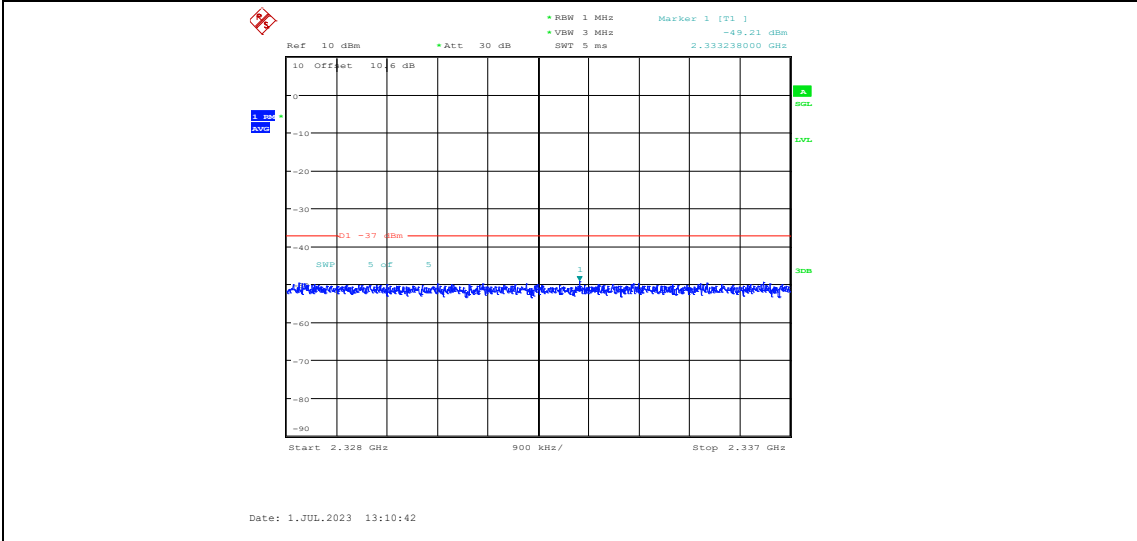
**Band40-10MHz-QPSK-38750-1RB#0-Range7:2320~2324MHz**



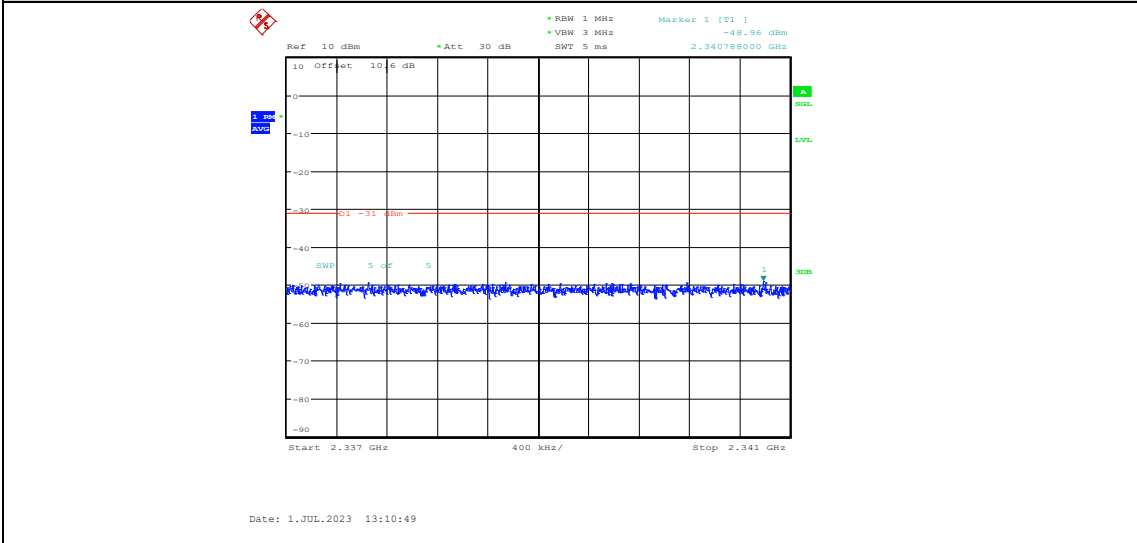
**Band40-10MHz-QPSK-38750-1RB#0-Range8:2324~2328MHz**



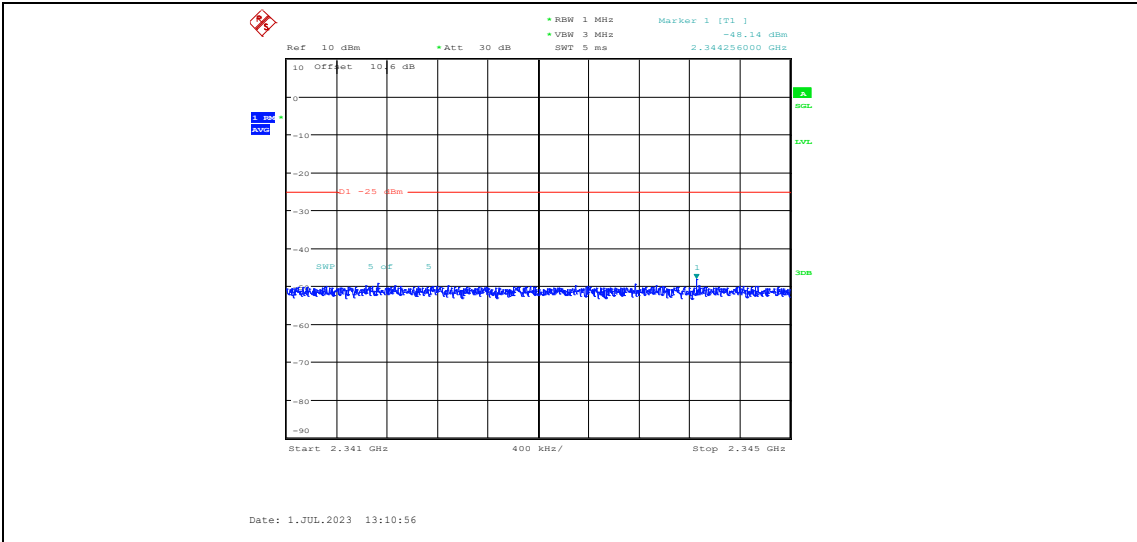
**Band40-10MHz-QPSK-38750-1RB#0-Range9:2328~2337MHz**



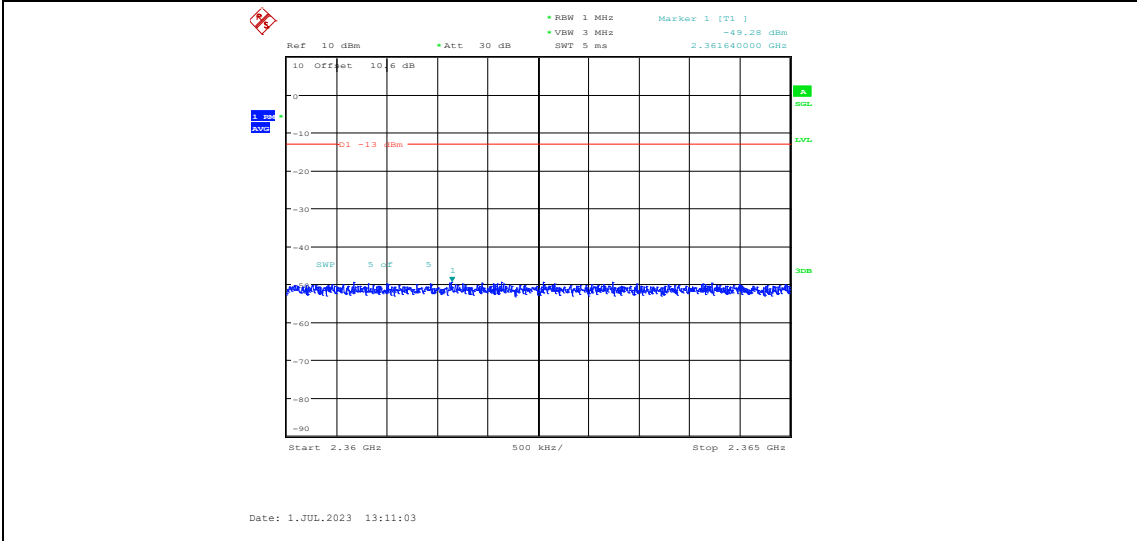
**Band40-10MHz-QPSK-38750-1RB#0-Range10:2337~2341MHz**



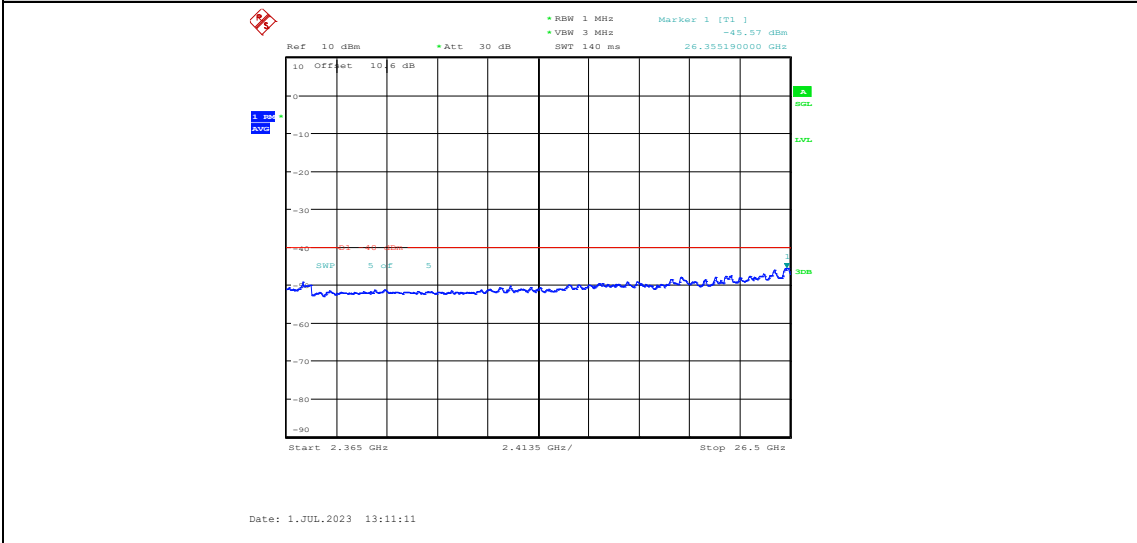
**Band40-10MHz-QPSK-38750-1RB#0-Range11:2341~2345MHz**



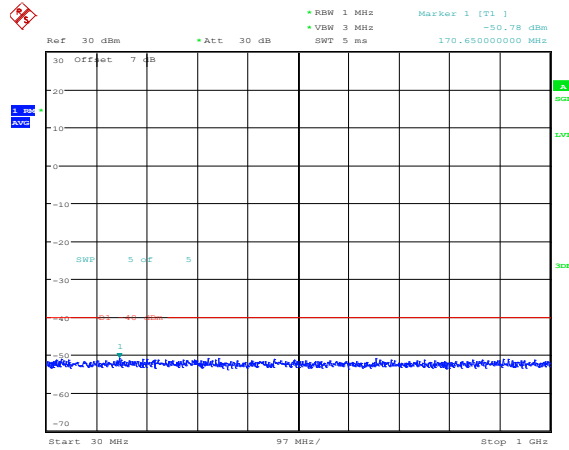
**Band40-10MHz-QPSK-38750-1RB#0-Range12:2360~2365MHz**



**Band40-10MHz-QPSK-38750-1RB#0-Range13:2365~26500MHz**

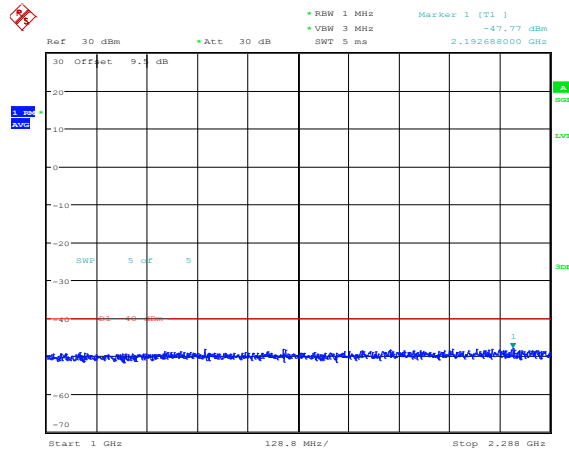


**Band40-10MHz-16QAM-38750-1RB#0-Range1:30~1000MHz**



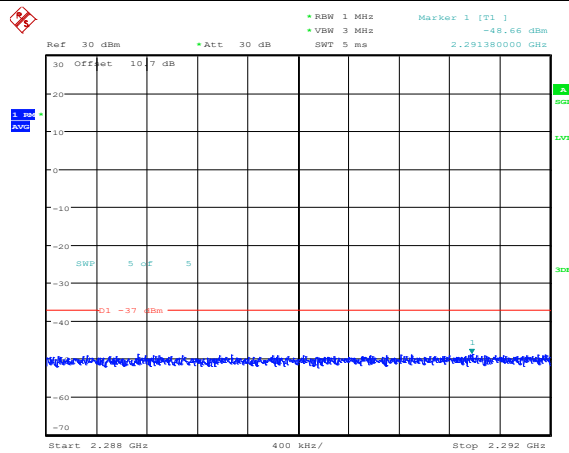
Date: 1.JUL.2023 13:11:20

**Band40-10MHz-16QAM-38750-1RB#0-Range2:1000~2288MHz**



Date: 1.JUL.2023 13:11:27

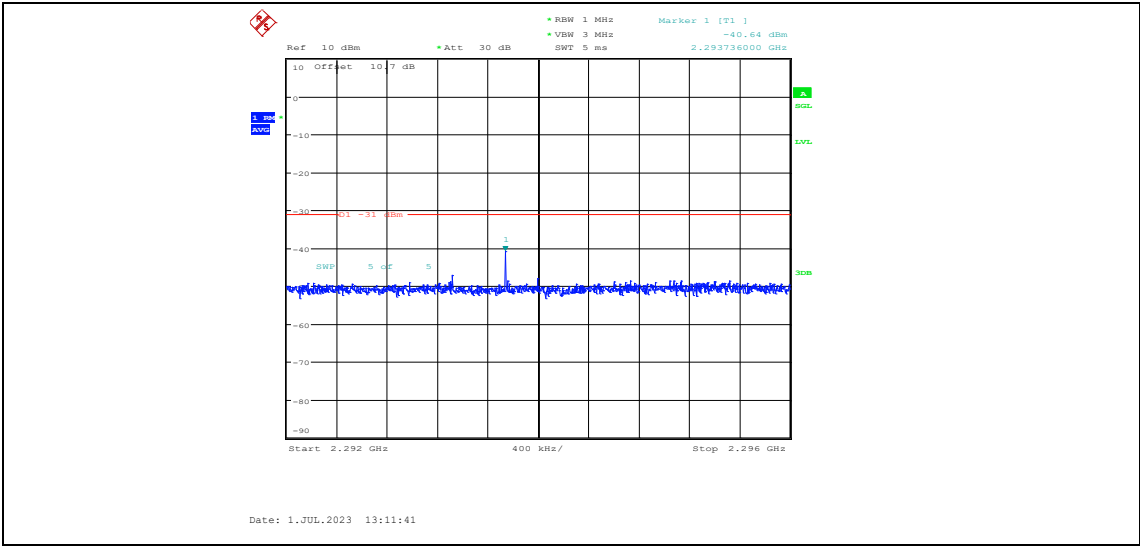
**Band40-10MHz-16QAM-38750-1RB#0-Range3:2288~2292MHz**



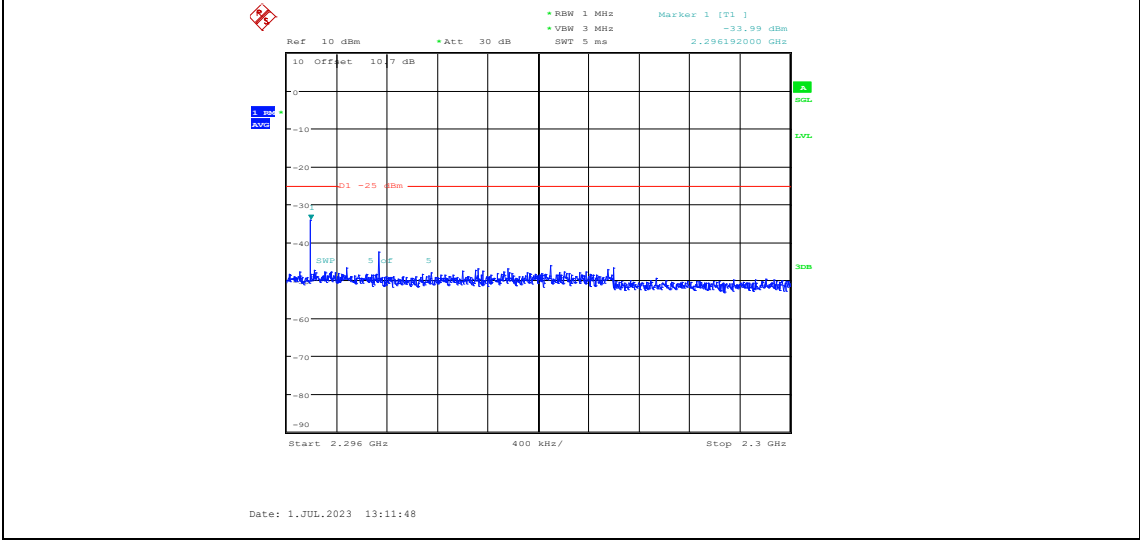
Date: 1.JUL.2023 13:11:34

**Band40-10MHz-16QAM-38750-1RB#0-Range4:2292~2296MHz**

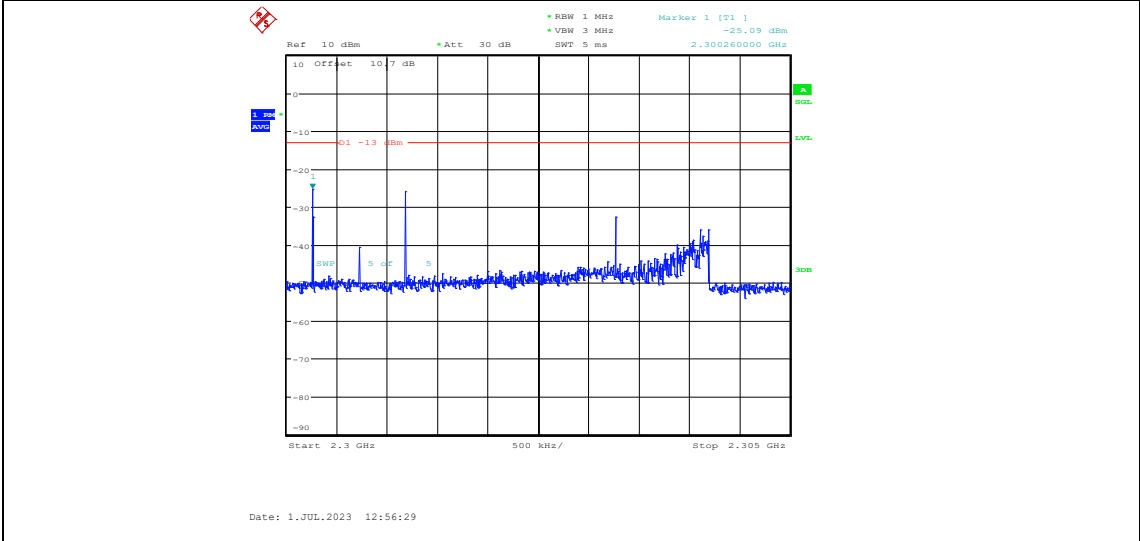




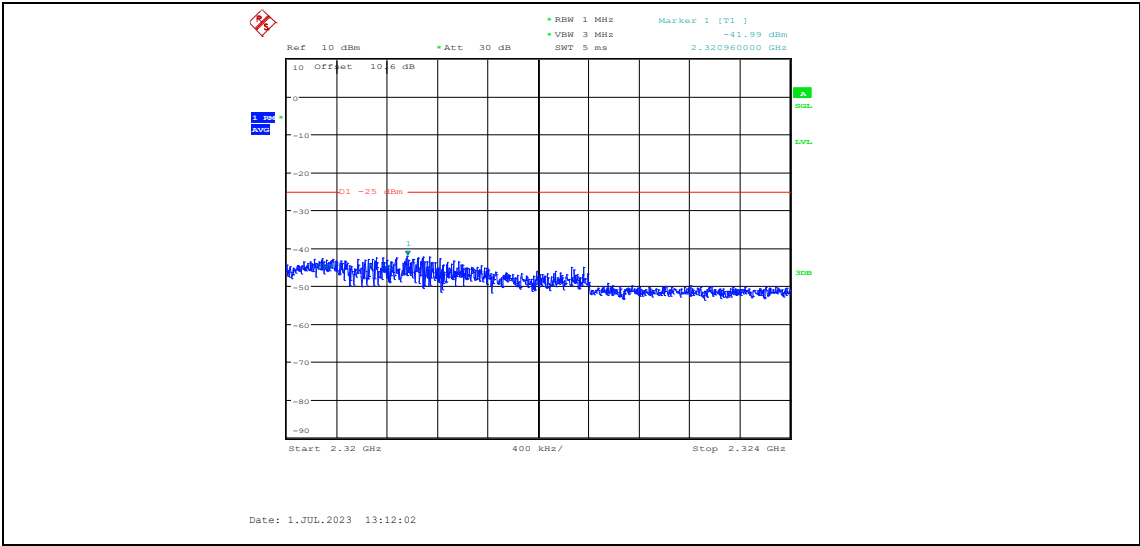
**Band40-10MHz-16QAM-38750-1RB#0-Range5:2296~2300MHz**



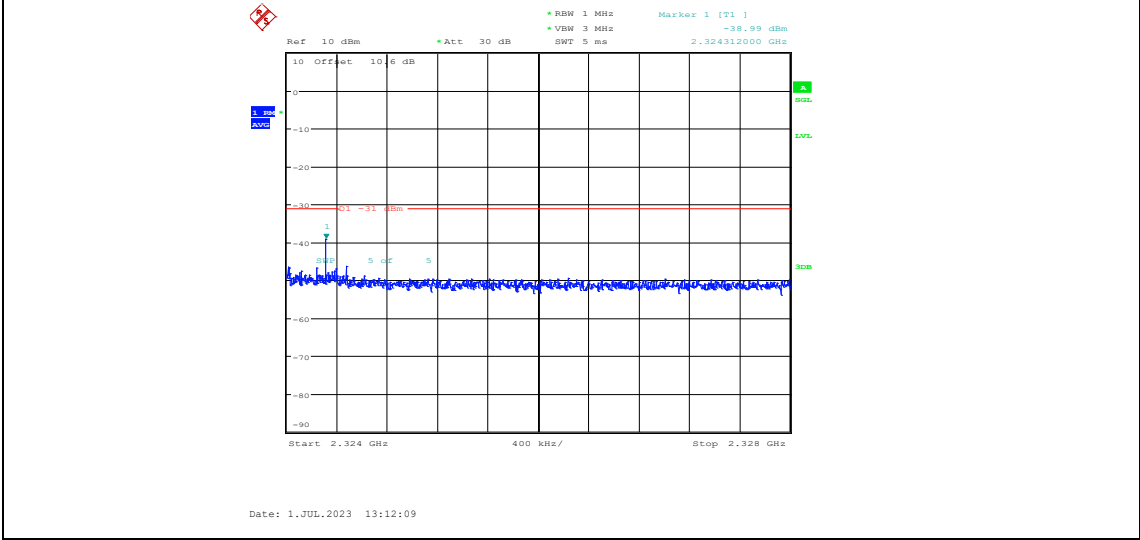
**Band40-10MHz-16QAM-38750-1RB#0-Range6:2300~2305MHz**



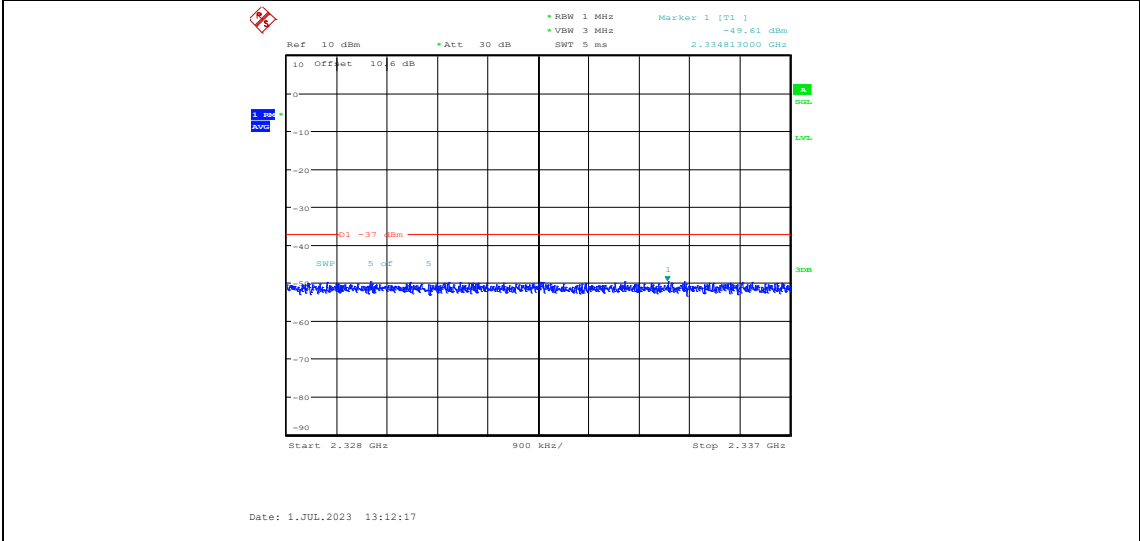
**Band40-10MHz-16QAM-38750-1RB#0-Range7:2320~2324MHz**



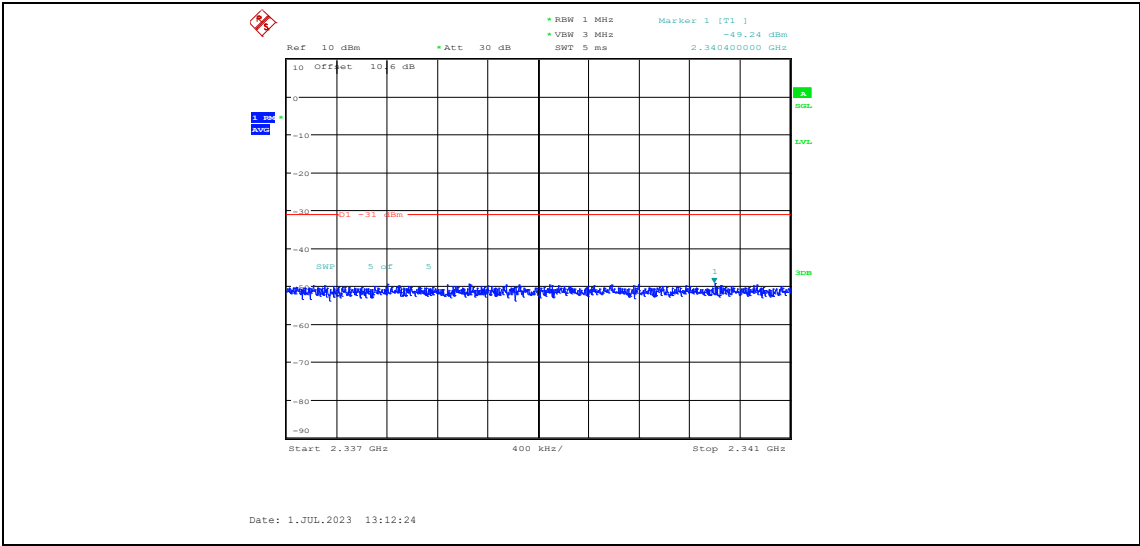
**Band40-10MHz-16QAM-38750-1RB#0-Range8:2324~2328MHz**



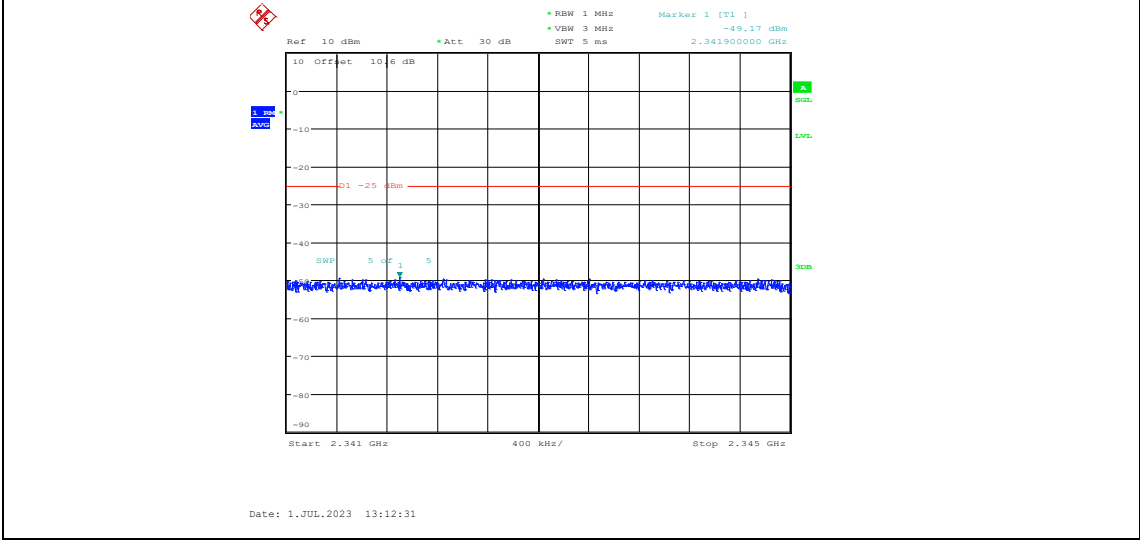
**Band40-10MHz-16QAM-38750-1RB#0-Range9:2328~2337MHz**



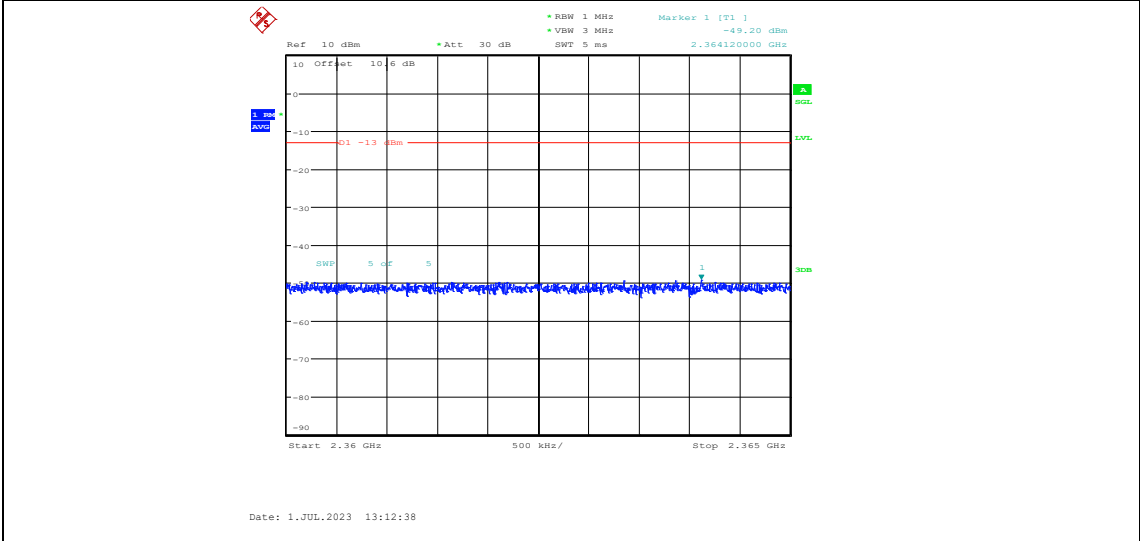
**Band40-10MHz-16QAM-38750-1RB#0-Range10:2337~2341MHz**



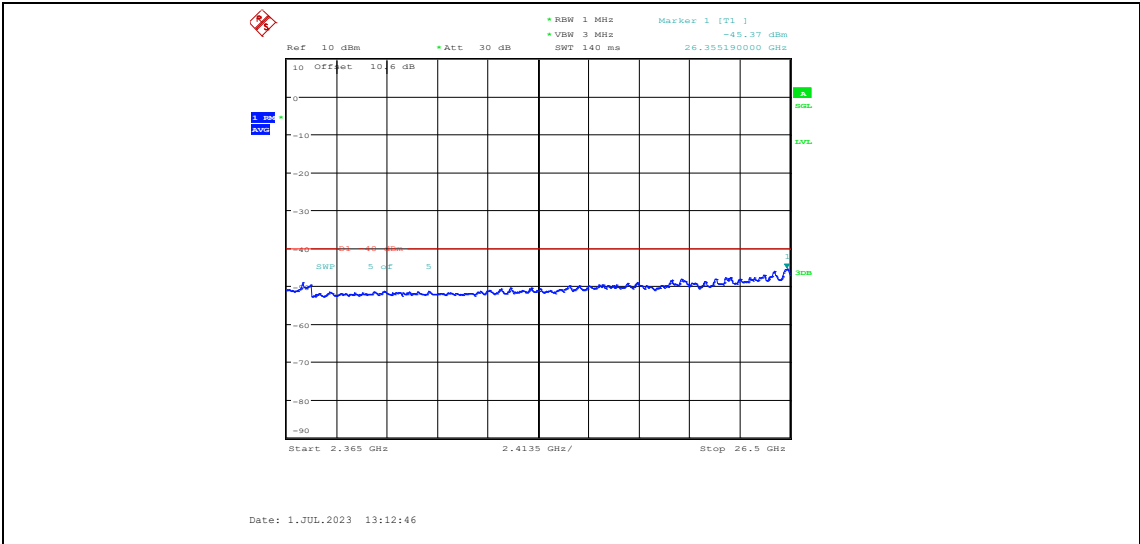
**Band40-10MHz-16QAM-38750-1RB#0-Range11:2341~2345MHz**



**Band40-10MHz-16QAM-38750-1RB#0-Range12:2360~2365MHz**



**Band40-10MHz-16QAM-38750-1RB#0-Range13:2365~26500MHz**



## Appendix F: Frequency Stability

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage		Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
					Voltage [Vdc]	Temperature (°C)				
Band4_0	5MHz	QPSK	38725	25RB#0	VL	NT	-9.08	-0.003935	±2.5	PASS
Band4_0	5MHz	QPSK	38725	25RB#0	VN	NT	8.81	0.003818	±2.5	PASS
Band4_0	5MHz	QPSK	38725	25RB#0	VH	NT	14.73	0.006384	±2.5	PASS
Band4_0	5MHz	QPSK	38750	25RB#0	VL	NT	-11.30	-0.004892	±2.5	PASS
Band4_0	5MHz	QPSK	38750	25RB#0	VN	NT	26.42	0.011437	±2.5	PASS
Band4_0	5MHz	QPSK	38750	25RB#0	VH	NT	3.48	0.001506	±2.5	PASS
Band4_0	5MHz	QPSK	38775	25RB#0	VL	NT	11.92	0.005155	±2.5	PASS
Band4_0	5MHz	QPSK	38775	25RB#0	VN	NT	10.76	0.004653	±2.5	PASS
Band4_0	5MHz	QPSK	38775	25RB#0	VH	NT	-12.80	-0.005535	±2.5	PASS
Band4_0	5MHz	16QAM	38725	25RB#0	VL	NT	14.76	0.006397	±2.5	PASS
Band4_0	5MHz	16QAM	38725	25RB#0	VN	NT	-25.01	-0.010839	±2.5	PASS
Band4_0	5MHz	16QAM	38725	25RB#0	VH	NT	-3.10	-0.001343	±2.5	PASS
Band4_0	5MHz	16QAM	38750	25RB#0	VL	NT	5.14	0.002225	±2.5	PASS
Band4_0	5MHz	16QAM	38750	25RB#0	VN	NT	13.79	0.005970	±2.5	PASS
Band4_0	5MHz	16QAM	38750	25RB#0	VH	NT	-7.78	-0.003368	±2.5	PASS
Band4_0	5MHz	16QAM	38775	25RB#0	VL	NT	-7.52	-0.003252	±2.5	PASS
Band4_0	5MHz	16QAM	38775	25RB#0	VN	NT	14.35	0.006205	±2.5	PASS
Band4_0	5MHz	16QAM	38775	25RB#0	VH	NT	-24.19	-0.010461	±2.5	PASS

0										
Band4 0	10MHz	QPSK	38750	50RB#0	VL	NT	-21.41	-0.009268	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	VN	NT	-22.00	-0.009524	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	VH	NT	19.01	0.008229	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	VL	NT	4.78	0.002069	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	VN	NT	9.88	0.004277	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	VH	NT	-20.97	-0.009078	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band4 0	5MHz	QPSK	38725	25RB#0	NV	-30	-16.82	-0.007289	±2.5	PASS
Band4 0	5MHz	QPSK	38725	25RB#0	NV	-20	-15.38	-0.006665	±2.5	PASS
Band4 0	5MHz	QPSK	38725	25RB#0	NV	0	11.36	0.004923	±2.5	PASS
Band4 0	5MHz	QPSK	38725	25RB#0	NV	10	6.39	0.002769	±2.5	PASS
Band4 0	5MHz	QPSK	38725	25RB#0	NV	20	17.42	0.007549	±2.5	PASS
Band4 0	5MHz	QPSK	38750	25RB#0	NV	-30	-20.59	-0.008913	±2.5	PASS
Band4 0	5MHz	QPSK	38750	25RB#0	NV	-20	18.61	0.008056	±2.5	PASS
Band4 0	5MHz	QPSK	38750	25RB#0	NV	0	-15.91	-0.006887	±2.5	PASS
Band4 0	5MHz	QPSK	38750	25RB#0	NV	10	-13.78	-0.005965	±2.5	PASS
Band4 0	5MHz	QPSK	38750	25RB#0	NV	20	10.39	0.004498	±2.5	PASS
Band4 0	5MHz	QPSK	38775	25RB#0	NV	-30	-18.12	-0.007836	±2.5	PASS
Band4 0	5MHz	QPSK	38775	25RB#0	NV	-20	-12.59	-0.005444	±2.5	PASS
Band4 0	5MHz	QPSK	38775	25RB#0	NV	0	-15.34	-0.006634	±2.5	PASS

0										
Band4 0	5MHz	QPSK	38775	25RB#0	NV	10	-16.31	-0.007053	±2.5	PASS
Band4 0	5MHz	QPSK	38775	25RB#0	NV	20	-10.76	-0.004653	±2.5	PASS
Band4 0	5MHz	16QAM	38725	25RB#0	NV	-30	-3.78	-0.001638	±2.5	PASS
Band4 0	5MHz	16QAM	38725	25RB#0	NV	-20	-15.92	-0.006899	±2.5	PASS
Band4 0	5MHz	16QAM	38725	25RB#0	NV	0	6.22	0.002696	±2.5	PASS
Band4 0	5MHz	16QAM	38725	25RB#0	NV	10	-19.50	-0.008451	±2.5	PASS
Band4 0	5MHz	16QAM	38725	25RB#0	NV	20	11.49	0.004979	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	NV	-30	-23.56	-0.010199	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	NV	-20	-14.22	-0.006156	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	NV	0	-19.37	-0.008385	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	NV	10	-12.26	-0.005307	±2.5	PASS
Band4 0	5MHz	16QAM	38750	25RB#0	NV	20	-14.03	-0.006074	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	NV	-30	12.49	0.005401	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	NV	-20	5.28	0.002283	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	NV	0	14.53	0.006283	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	NV	10	13.03	0.005635	±2.5	PASS
Band4 0	5MHz	16QAM	38775	25RB#0	NV	20	7.05	0.003049	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	NV	-30	-10.54	-0.004563	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	NV	-20	-5.22	-0.002260	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	NV	0	-14.51	-0.006281	±2.5	PASS
Band4 0	10MHz	QPSK	38750	50RB#0	NV	10	-5.42	-0.002346	±2.5	PASS

Band4 0	10MHz	QPSK	38750	50RB#0	NV	20	-16.58	-0.007177	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	NV	-30	-11.79	-0.005104	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	NV	-20	5.71	0.002472	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	NV	0	-11.66	-0.005048	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	NV	10	-23.92	-0.010355	±2.5	PASS
Band4 0	10MHz	16QAM	38750	50RB#0	NV	20	13.40	0.005801	±2.5	PASS