

## 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	19.38	PASS
Band40	5MHz	QPSK	38725	1RB#12	19.40	PASS
Band40	5MHz	QPSK	38725	1RB#24	19.47	PASS
Band40	5MHz	QPSK	38725	12RB#0	18.76	PASS
Band40	5MHz	QPSK	38725	12RB#6	18.77	PASS
Band40	5MHz	QPSK	38725	12RB#13	18.80	PASS
Band40	5MHz	QPSK	38725	25RB#0	18.87	PASS
Band40	5MHz	QPSK	38750	1RB#0	19.29	PASS
Band40	5MHz	QPSK	38750	1RB#12	19.33	PASS
Band40	5MHz	QPSK	38750	1RB#24	19.41	PASS
Band40	5MHz	QPSK	38750	12RB#0	18.82	PASS
Band40	5MHz	QPSK	38750	12RB#6	18.84	PASS
Band40	5MHz	QPSK	38750	12RB#13	18.87	PASS
Band40	5MHz	QPSK	38750	25RB#0	18.87	PASS
Band40	5MHz	QPSK	38775	1RB#0	19.46	PASS
Band40	5MHz	QPSK	38775	1RB#12	19.50	PASS
Band40	5MHz	QPSK	38775	1RB#24	19.56	PASS
Band40	5MHz	QPSK	38775	12RB#0	18.87	PASS
Band40	5MHz	QPSK	38775	12RB#6	18.83	PASS
Band40	5MHz	QPSK	38775	12RB#13	18.92	PASS
Band40	5MHz	QPSK	38775	25RB#0	18.87	PASS
Band40	5MHz	16QAM	38725	1RB#0	19.03	PASS
Band40	5MHz	16QAM	38725	1RB#12	19.06	PASS
Band40	5MHz	16QAM	38725	1RB#24	19.07	PASS
Band40	5MHz	16QAM	38725	12RB#0	18.08	PASS
Band40	5MHz	16QAM	38725	12RB#6	18.06	PASS
Band40	5MHz	16QAM	38725	12RB#13	18.11	PASS
Band40	5MHz	16QAM	38725	25RB#0	18.20	PASS
Band40	5MHz	16QAM	38750	1RB#0	18.95	PASS
Band40	5MHz	16QAM	38750	1RB#12	19.00	PASS
Band40	5MHz	16QAM	38750	1RB#24	19.08	PASS

Band40	5MHz	16QAM	38750	12RB#0	18.18	PASS
Band40	5MHz	16QAM	38750	12RB#6	18.19	PASS
Band40	5MHz	16QAM	38750	12RB#13	18.22	PASS
Band40	5MHz	16QAM	38750	25RB#0	18.22	PASS
Band40	5MHz	16QAM	38775	1RB#0	19.06	PASS
Band40	5MHz	16QAM	38775	1RB#12	19.17	PASS
Band40	5MHz	16QAM	38775	1RB#24	19.21	PASS
Band40	5MHz	16QAM	38775	12RB#0	18.16	PASS
Band40	5MHz	16QAM	38775	12RB#6	18.12	PASS
Band40	5MHz	16QAM	38775	12RB#13	18.20	PASS
Band40	5MHz	16QAM	38775	25RB#0	18.27	PASS
Band40	10MHz	QPSK	38750	1RB#0	19.37	PASS
Band40	10MHz	QPSK	38750	1RB#24	19.34	PASS
Band40	10MHz	QPSK	38750	1RB#49	19.64	PASS
Band40	10MHz	QPSK	38750	25RB#0	18.85	PASS
Band40	10MHz	QPSK	38750	25RB#12	18.86	PASS
Band40	10MHz	QPSK	38750	25RB#25	18.97	PASS
Band40	10MHz	QPSK	38750	50RB#0	18.92	PASS
Band40	10MHz	16QAM	38750	1RB#0	18.97	PASS
Band40	10MHz	16QAM	38750	1RB#24	18.93	PASS
Band40	10MHz	16QAM	38750	1RB#49	19.17	PASS
Band40	10MHz	16QAM	38750	25RB#0	18.28	PASS
Band40	10MHz	16QAM	38750	25RB#12	18.26	PASS
Band40	10MHz	16QAM	38750	25RB#25	18.39	PASS
Band40	10MHz	16QAM	38750	50RB#0	18.28	PASS

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

### Test Result

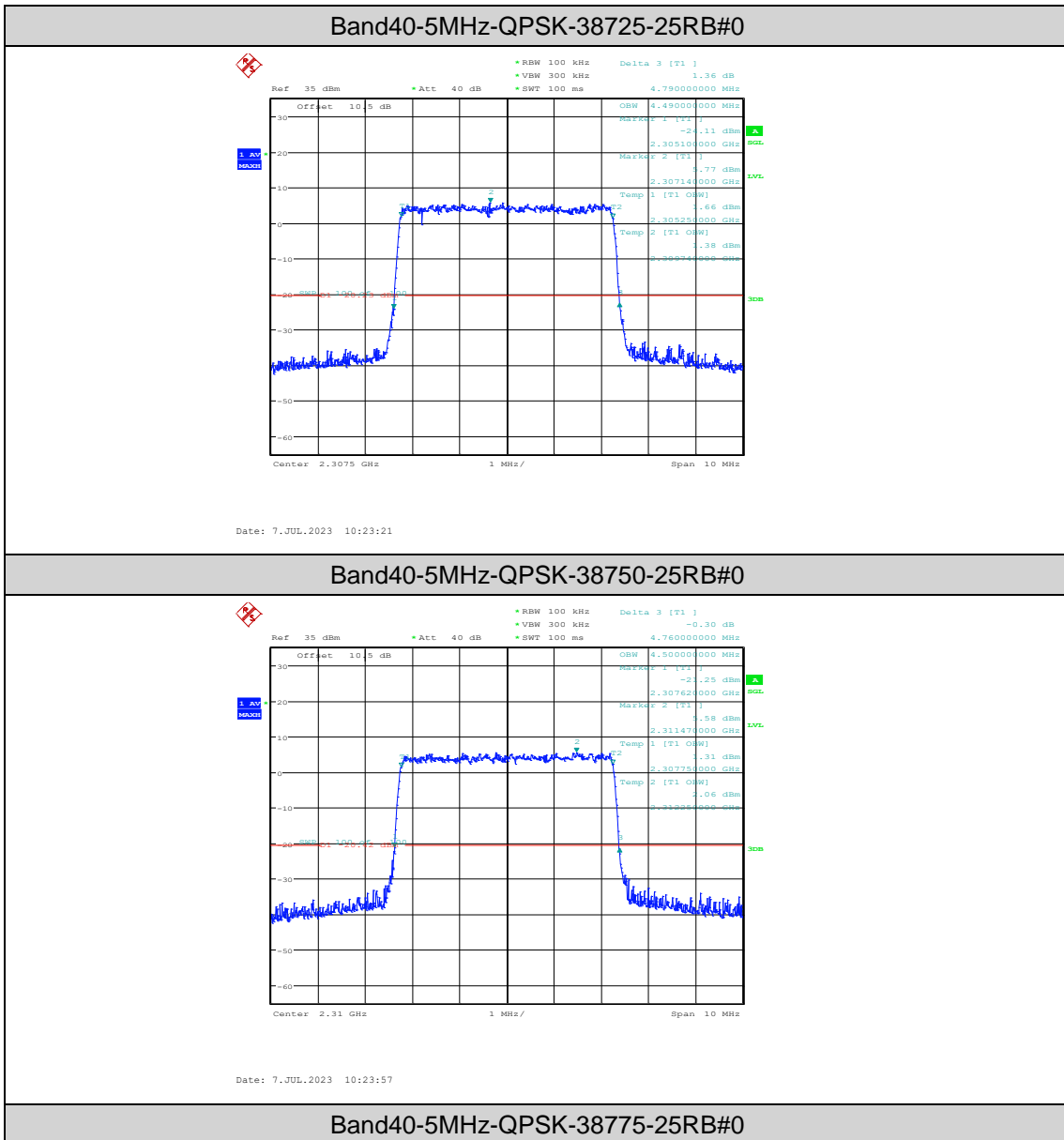
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band40	5MHz	QPSK	38725	1RB#0	8.08	13	PASS
Band40	5MHz	QPSK	38725	25RB#0	7.28	13	PASS
Band40	5MHz	QPSK	38750	1RB#0	8.10	13	PASS
Band40	5MHz	QPSK	38750	25RB#0	7.07	13	PASS
Band40	5MHz	QPSK	38775	1RB#0	8.35	13	PASS
Band40	5MHz	QPSK	38775	25RB#0	6.73	13	PASS
Band40	5MHz	16QAM	38725	1RB#0	6.06	13	PASS
Band40	5MHz	16QAM	38725	25RB#0	7.82	13	PASS
Band40	5MHz	16QAM	38750	1RB#0	8.18	13	PASS
Band40	5MHz	16QAM	38750	25RB#0	7.06	13	PASS
Band40	5MHz	16QAM	38775	1RB#0	6.39	13	PASS
Band40	5MHz	16QAM	38775	25RB#0	7.38	13	PASS
Band40	10MHz	QPSK	38750	1RB#0	8.32	13	PASS
Band40	10MHz	QPSK	38750	50RB#0	7.27	13	PASS
Band40	10MHz	16QAM	38750	1RB#0	6.82	13	PASS
Band40	10MHz	16QAM	38750	50RB#0	7.73	13	PASS

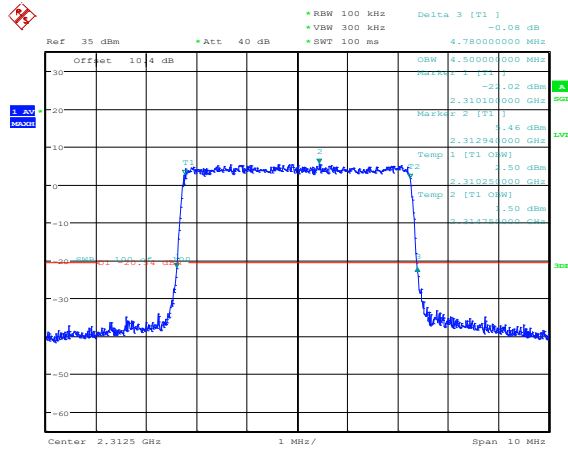
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### 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	4.78	PASS
Band40	5MHz	16QAM	38725	25RB#0	4.5	4.78	PASS
Band40	5MHz	16QAM	38750	25RB#0	4.5	4.78	PASS
Band40	5MHz	16QAM	38775	25RB#0	4.5	4.78	PASS
Band40	10MHz	QPSK	38750	50RB#0	8.967	9.63	PASS
Band40	10MHz	16QAM	38750	50RB#0	9	9.67	PASS

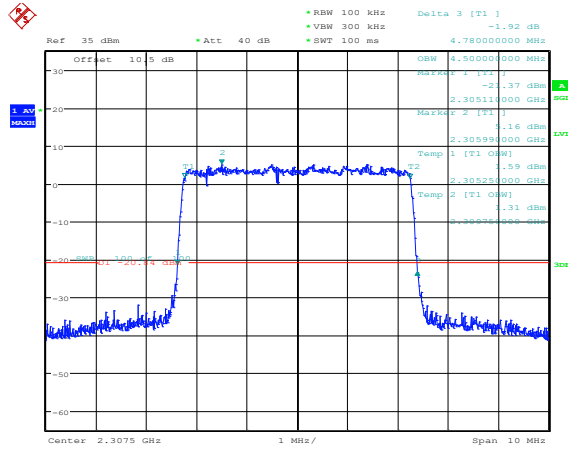
# Test Graphs





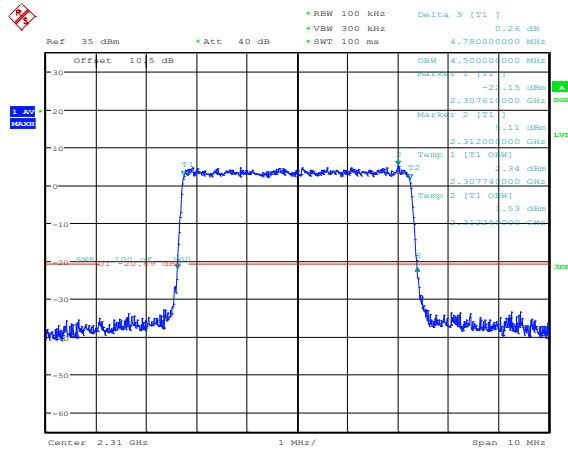
Date: 7.JUL.2023 10:24:33

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



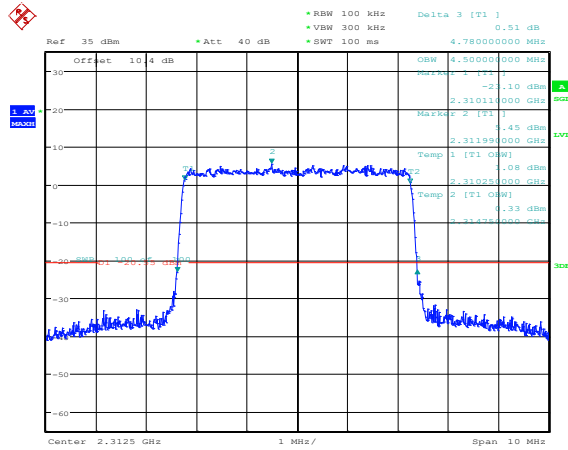
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### Band40-5MHz-16QAM-38750-25RB#0



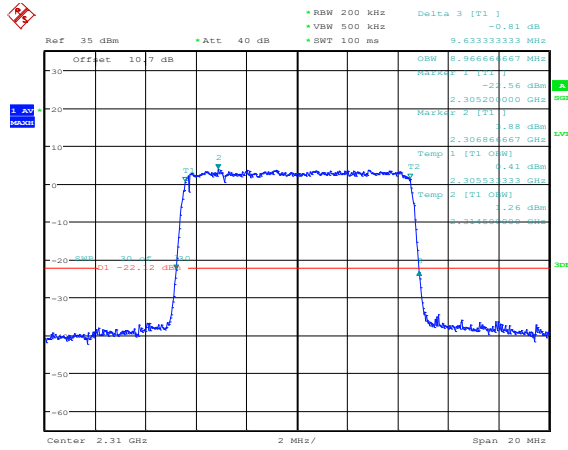
Date: 7.JUL.2023 10:24:15

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



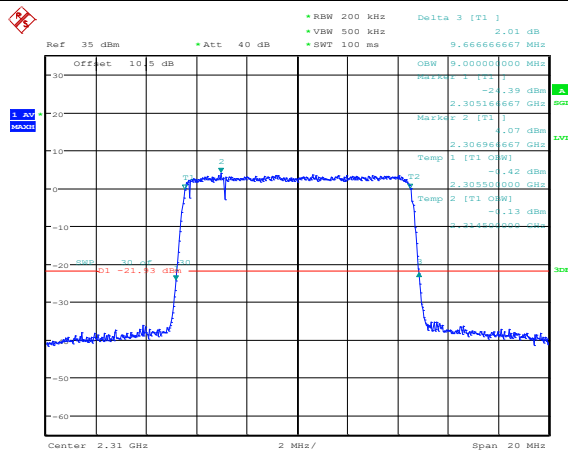
Date: 7.JUL.2023 10:24:50

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



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

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



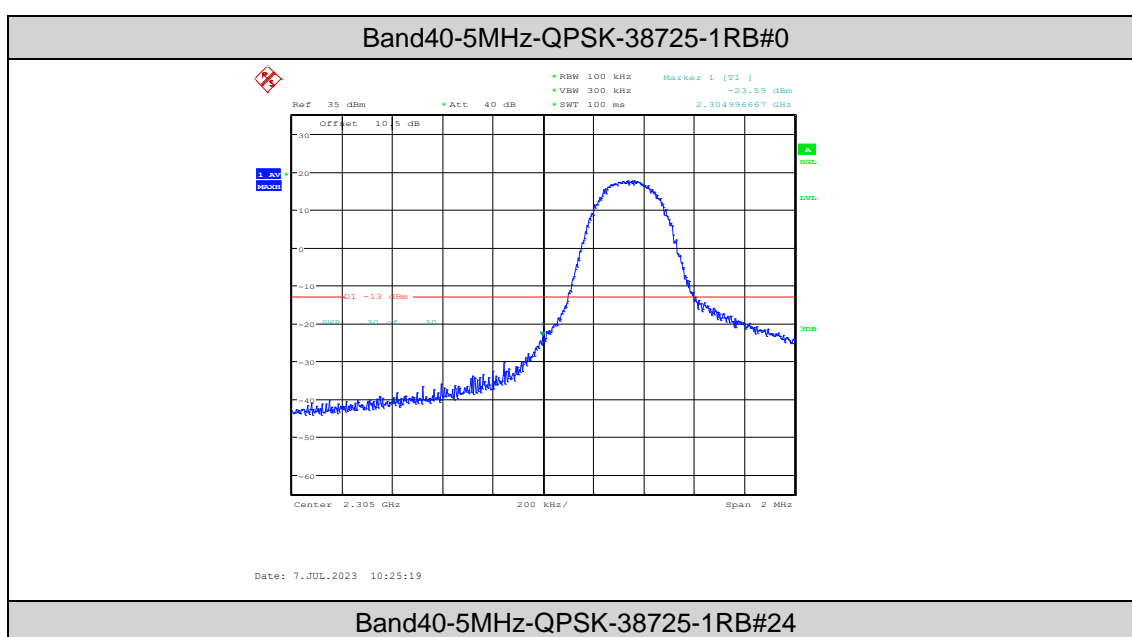
Date: 7.JUL.2023 10:44:20

## Appendix D: Band Edge

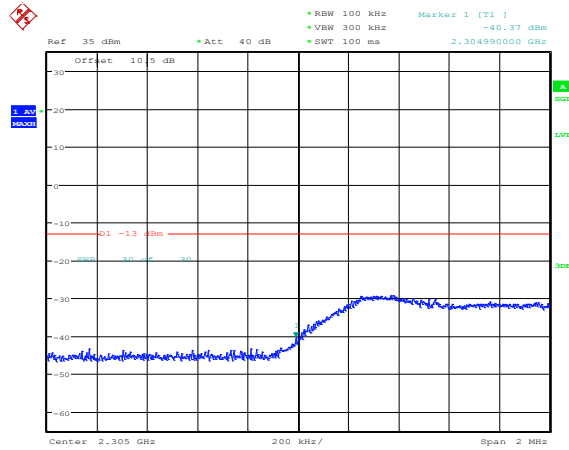
### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band40	5MHz	QPSK	38725	1RB#0	-23.59	PASS
Band40	5MHz	QPSK	38725	1RB#24	-40.37	PASS
Band40	5MHz	QPSK	38725	25RB#0	-32.01	PASS
Band40	5MHz	QPSK	38775	1RB#0	-41.00	PASS
Band40	5MHz	QPSK	38775	1RB#24	-24.73	PASS
Band40	5MHz	QPSK	38775	25RB#0	-31.59	PASS
Band40	5MHz	16QAM	38725	1RB#0	-24.64	PASS
Band40	5MHz	16QAM	38725	1RB#24	-41.42	PASS
Band40	5MHz	16QAM	38725	25RB#0	-32.05	PASS
Band40	5MHz	16QAM	38775	1RB#0	-41.41	PASS
Band40	5MHz	16QAM	38775	1RB#24	-24.29	PASS
Band40	5MHz	16QAM	38775	25RB#0	-33.17	PASS
Band40	10MHz	QPSK	38750	1RB#0	-18.69,-41.28	PASS
Band40	10MHz	QPSK	38750	1RB#49	-41.06,-19.36	PASS
Band40	10MHz	QPSK	38750	50RB#0	-33.99,-34.17	PASS
Band40	10MHz	16QAM	38750	1RB#0	-18.14,-41.87	PASS
Band40	10MHz	16QAM	38750	1RB#49	-40.87,-20.62	PASS
Band40	10MHz	16QAM	38750	50RB#0	-34.33,-33.67	PASS

### Test Graphs

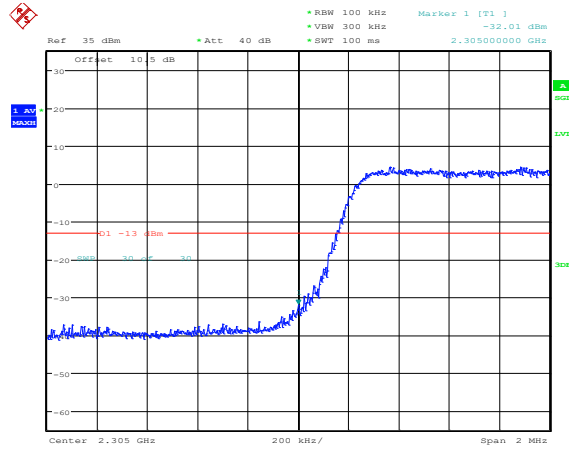






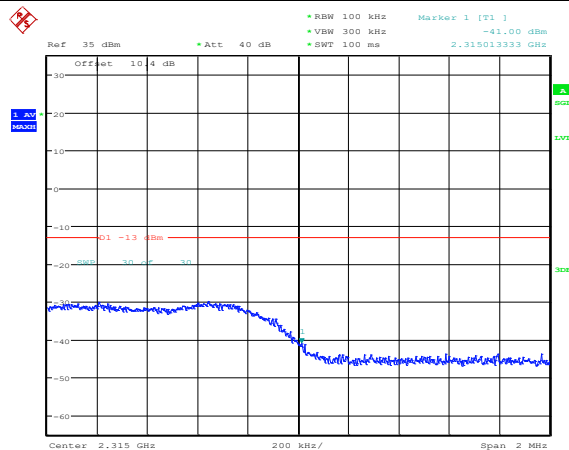
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### Band40-5MHz-QPSK-38725-25RB#0



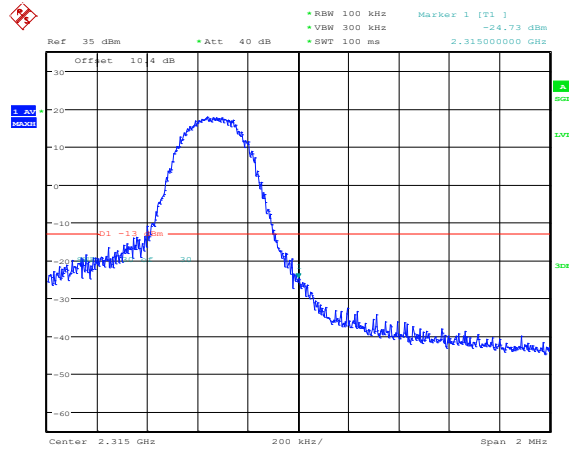
Date: 7.JUL.2023 10:25:50

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



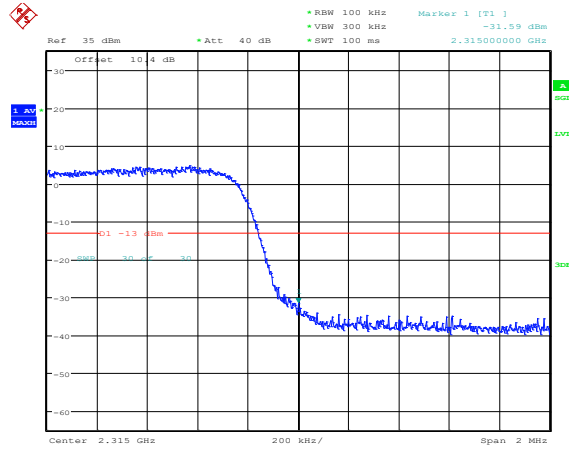
Date: 7.JUL.2023 10:26:19

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



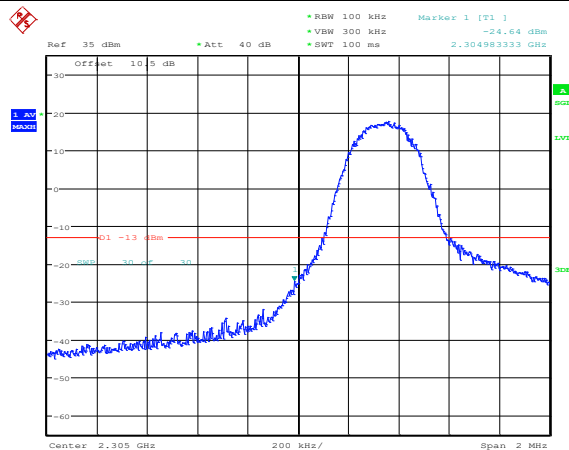
Date: 7.JUL.2023 10:26:34

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



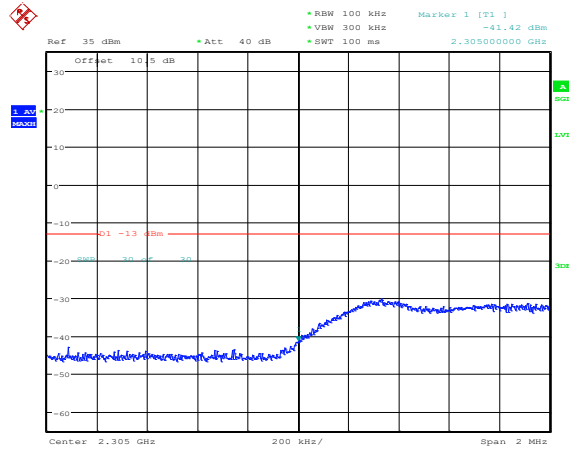
Date: 7.JUL.2023 10:26:50

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



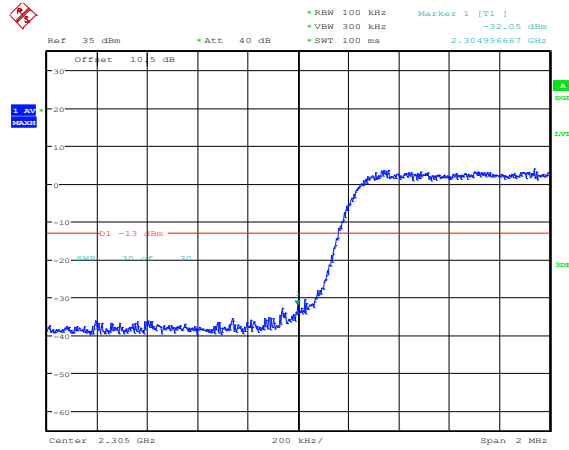
Date: 7.JUL.2023 10:25:27

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



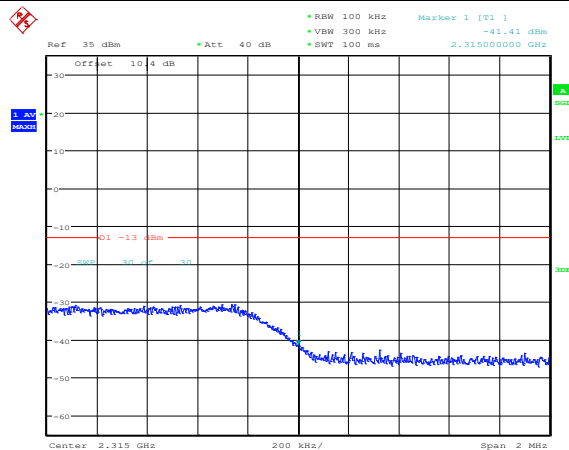
Date: 7.JUL.2023 10:25:43

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



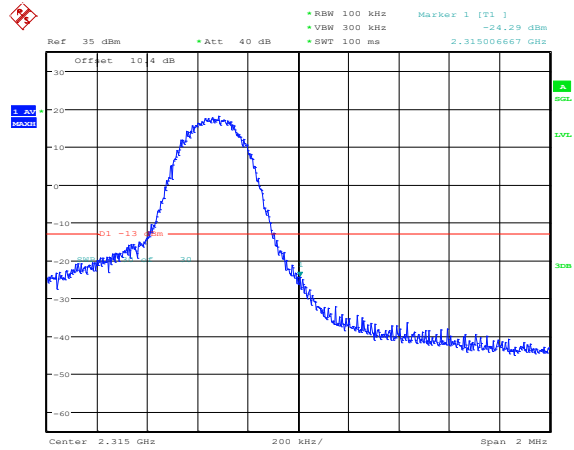
Date: 7.JUL.2023 10:25:58

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



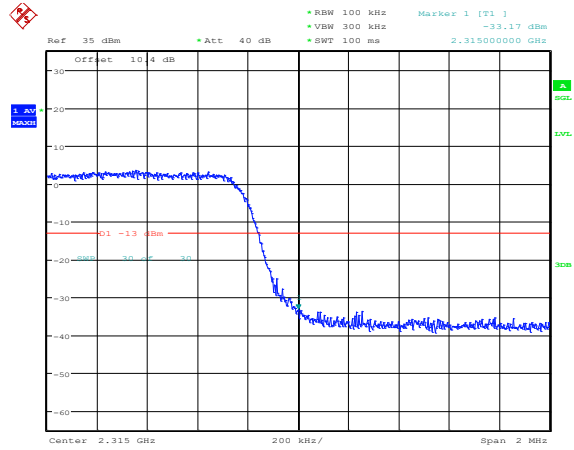
Date: 7.JUL.2023 10:26:27

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



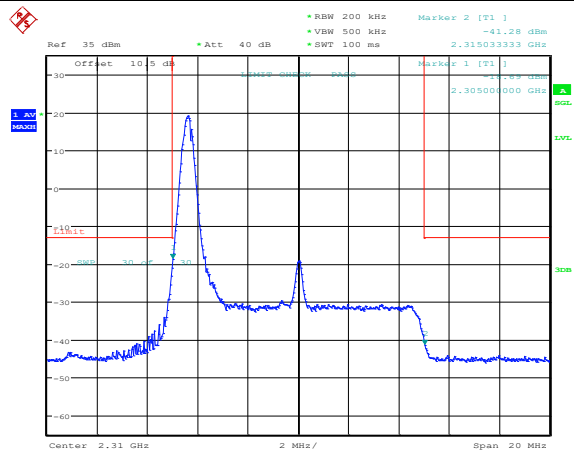
Date: 7.JUL.2023 10:26:42

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



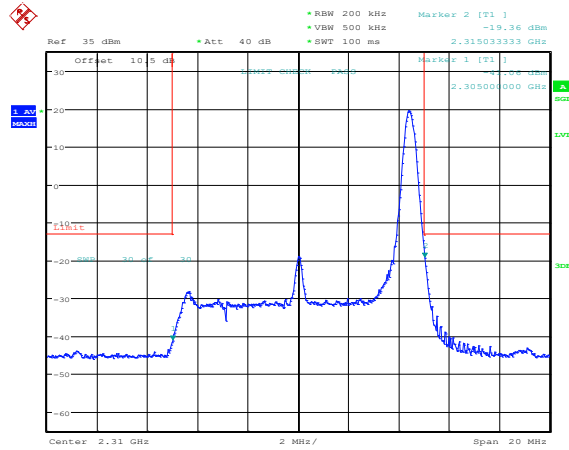
Date: 7.JUL.2023 10:26:58

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



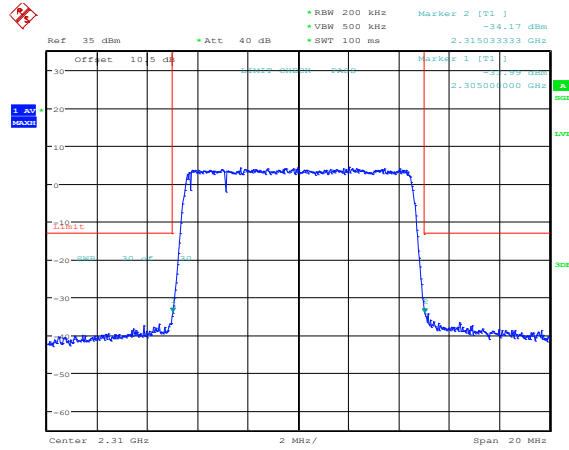
Date: 7.JUL.2023 10:44:48

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



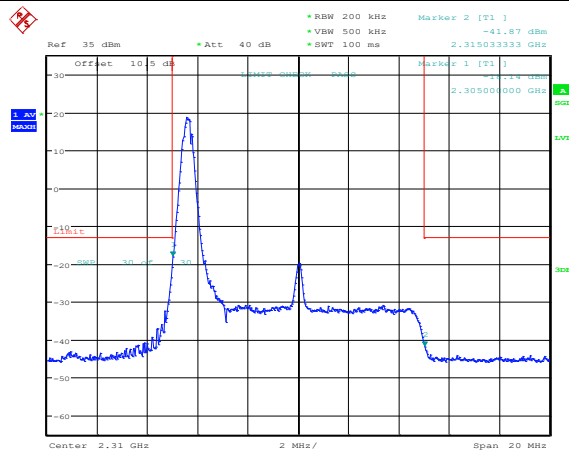
Date: 7.JUL.2023 10:45:06

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



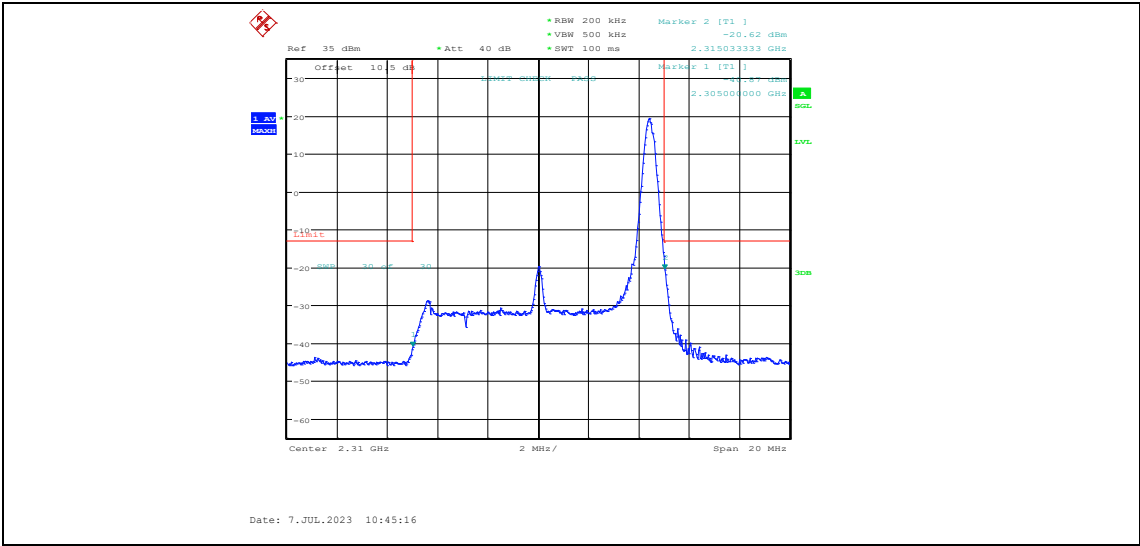
Date: 7.JUL.2023 10:45:25

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

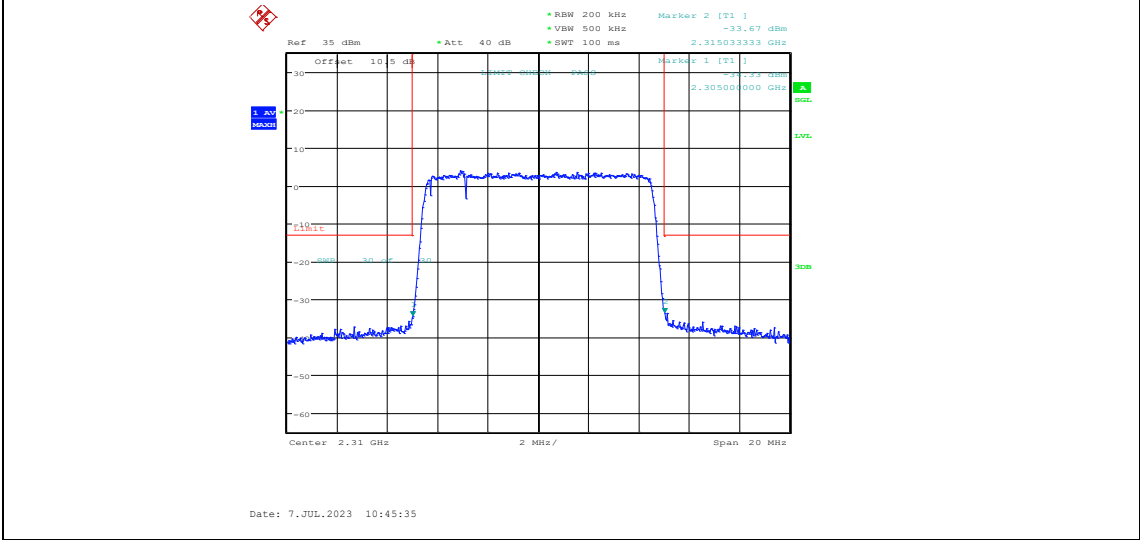


Date: 7.JUL.2023 10:44:57

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



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



## Appendix E: Conducted Spurious Emission

### Test Result

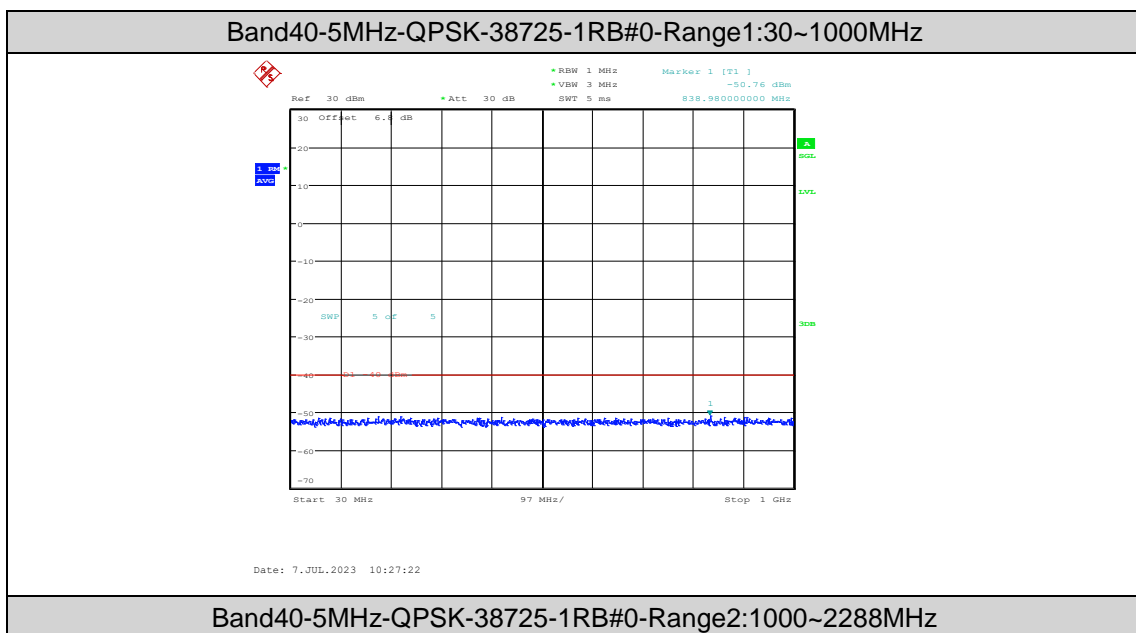
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band40	5MHz	QPSK	38725	1RB#0	Range1:30~1000MHz	-50.76	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range2:1000~2288MHz	-47.7	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range3:2288~2292MHz	-40.23	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range4:2292~2296MHz	-37.86	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range5:2296~2300MHz	-26.6	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range6:2300~2305MHz	15.53	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range7:2320~2324MHz	-39.19	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range8:2324~2328MHz	-42.02	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range9:2328~2337MHz	-44.82	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range10:2337~2341MHz	-46.93	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range11:2341~2345MHz	-48.38	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range12:2360~2365MHz	-49.62	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range13:2365~26500MHz	-45.56	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range1:30~1000MHz	-50.51	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range2:1000~2288MHz	-47.66	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range3:2288~2292MHz	-41.18	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range4:2292~2296MHz	-34.66	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range5:2296~2300MHz	-26.14	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range6:2300~2305MHz	-22.03	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range7:2320~2324MHz	-38.85	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range8:2324~2328MHz	-43.66	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range9:2328~2337MHz	-42.42	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range10:2337~2341MHz	-45.48	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range11:2341~2345MHz	-46.9	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range12:2360~2365MHz	-49.47	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range13:2365~26500MHz	-45.57	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range1:30~1000MHz	-50.89	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range2:1000~2288MHz	-48.1	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range3:2288~2292MHz	-43.39	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range4:2292~2296MHz	-46.51	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range5:2296~2300MHz	-33.48	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range6:2300~2305MHz	-29.06	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range7:2320~2324MHz	-29.24	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range8:2324~2328MHz	-42.85	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range9:2328~2337MHz	-40.55	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range10:2337~2341MHz	-46.64	PASS

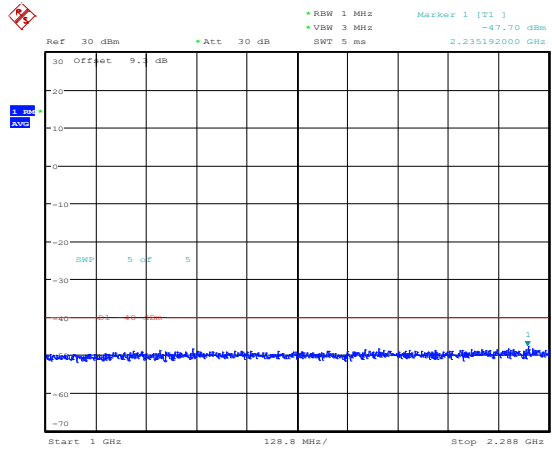
Band40	5MHz	QPSK	38775	1RB#0	Range11:2341~2345MHz	-47.9	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range12:2360~2365MHz	-49.06	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range13:2365~26500MHz	-45.73	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range1:30~1000MHz	-51.15	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range2:1000~2288MHz	-48.22	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range3:2288~2292MHz	-40.55	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range4:2292~2296MHz	-36.72	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range5:2296~2300MHz	-29.01	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range6:2300~2305MHz	15.39	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range7:2320~2324MHz	-40.76	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range8:2324~2328MHz	-41.46	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range9:2328~2337MHz	-47.19	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range10:2337~2341MHz	-47.29	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range11:2341~2345MHz	-49.31	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range12:2360~2365MHz	-49.45	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range13:2365~26500MHz	-45.6	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range1:30~1000MHz	-51.12	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range2:1000~2288MHz	-48.19	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range3:2288~2292MHz	-39.01	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range4:2292~2296MHz	-35.17	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range5:2296~2300MHz	-28.65	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range6:2300~2305MHz	-19.21	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range7:2320~2324MHz	-35.83	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range8:2324~2328MHz	-37.33	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range9:2328~2337MHz	-36.27	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range10:2337~2341MHz	-49.28	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range11:2341~2345MHz	-46.89	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range12:2360~2365MHz	-49.54	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range13:2365~26500MHz	-45.62	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range1:30~1000MHz	-50.65	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range2:1000~2288MHz	-47.95	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range3:2288~2292MHz	-41.6	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range4:2292~2296MHz	-40.22	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range5:2296~2300MHz	-32.01	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range6:2300~2305MHz	-28.03	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range7:2320~2324MHz	-33.4	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range8:2324~2328MHz	-42.56	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range9:2328~2337MHz	-44.85	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range10:2337~2341MHz	-45.34	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range11:2341~2345MHz	-46.41	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range12:2360~2365MHz	-49.41	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range13:2365~26500MHz	-45.74	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range1:30~1000MHz	-50.88	PASS



Band40	10MHz	QPSK	38750	1RB#0	Range2:1000~2288MHz	-47.54	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range3:2288~2292MHz	-46.87	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range4:2292~2296MHz	-41.67	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range5:2296~2300MHz	-31.61	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range6:2300~2305MHz	-16.49	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range7:2320~2324MHz	-38.07	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range8:2324~2328MHz	-45.27	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range9:2328~2337MHz	-49.68	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range10:2337~2341MHz	-49.3	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range11:2341~2345MHz	-49.24	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range12:2360~2365MHz	-49.33	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range13:2365~26500MHz	-45.83	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range1:30~1000MHz	-50.97	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range2:1000~2288MHz	-47.91	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range3:2288~2292MHz	-48.44	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range4:2292~2296MHz	-36.66	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range5:2296~2300MHz	-32.8	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range6:2300~2305MHz	11.94	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range7:2320~2324MHz	-38.3	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range8:2324~2328MHz	-41.29	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range9:2328~2337MHz	-48.15	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range10:2337~2341MHz	-49.38	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range11:2341~2345MHz	-49.35	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range12:2360~2365MHz	-49.66	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range13:2365~26500MHz	-45.56	PASS

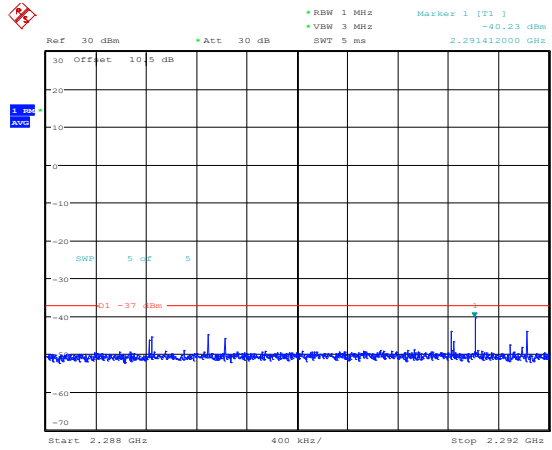
## Test Graphs





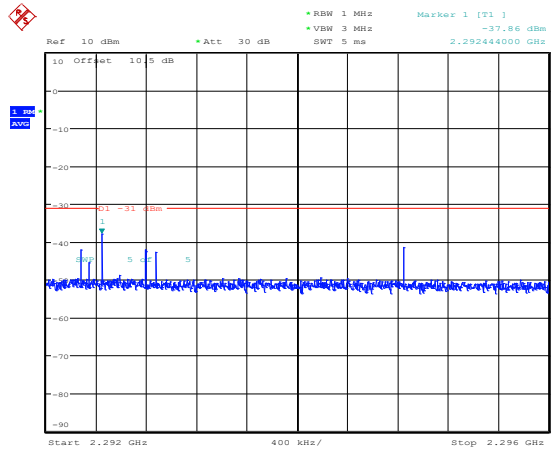
Date: 7.JUL.2023 10:27:29

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



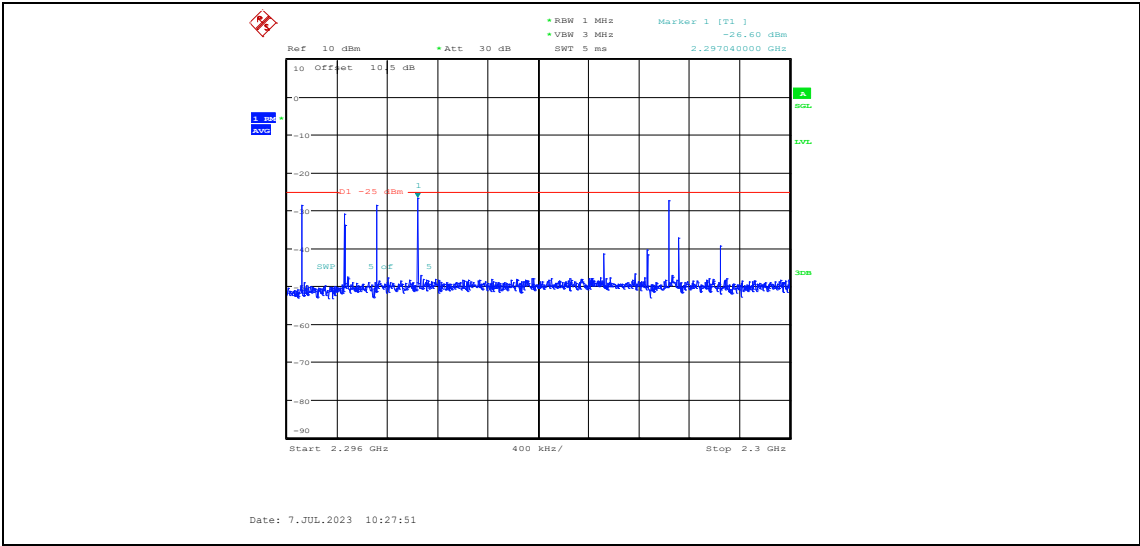
Date: 7.JUL.2023 10:27:37

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

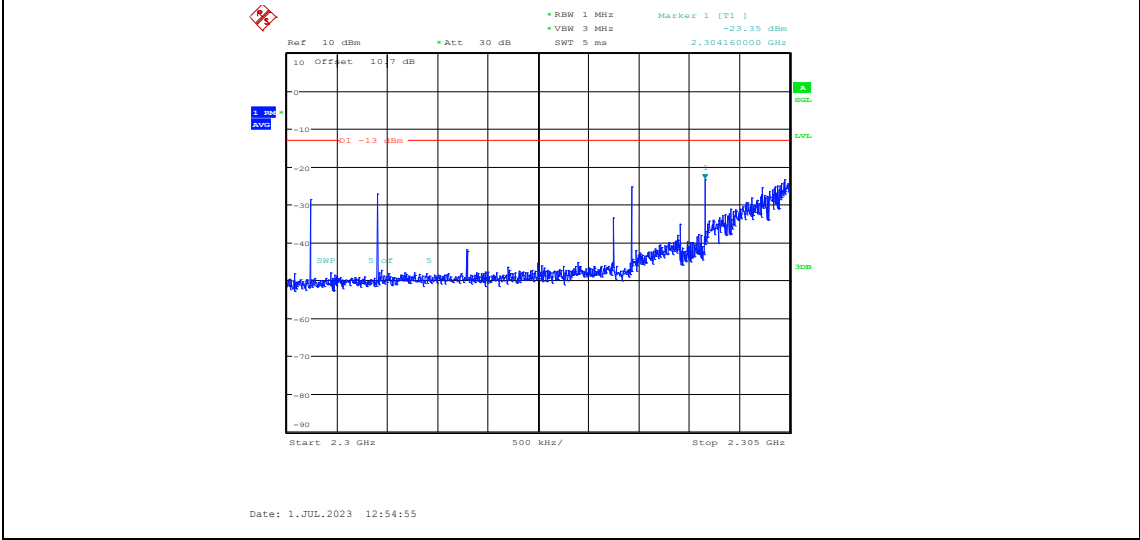


Date: 7.JUL.2023 10:27:44

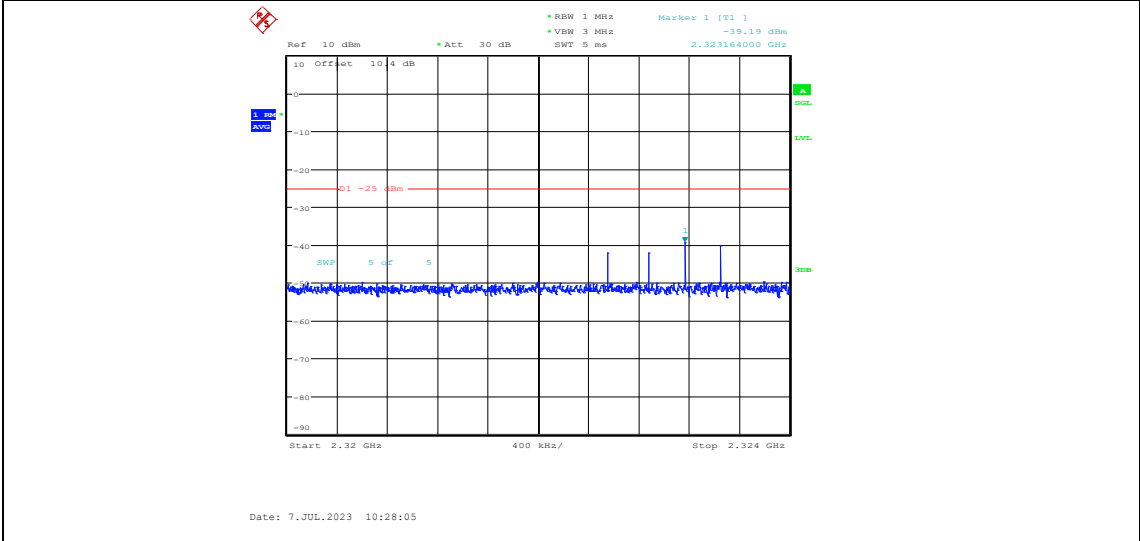
**Band40-5MHz-QPSK-38725-1RB#0-Range5:2296~2300MHz**



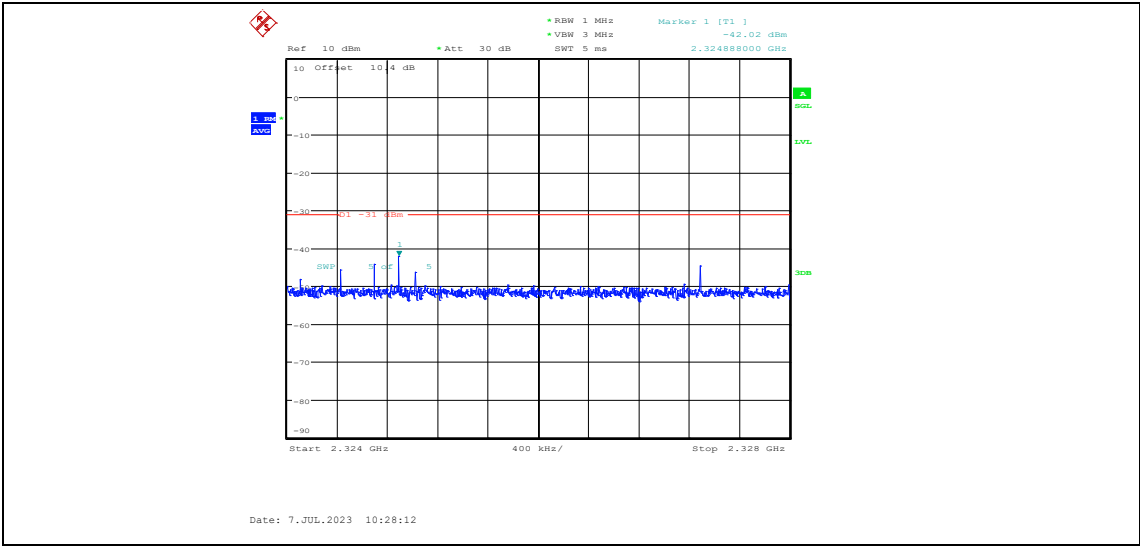
**Band40-5MHz-QPSK-38725-1RB#0-Range6:2300~2305MHz**



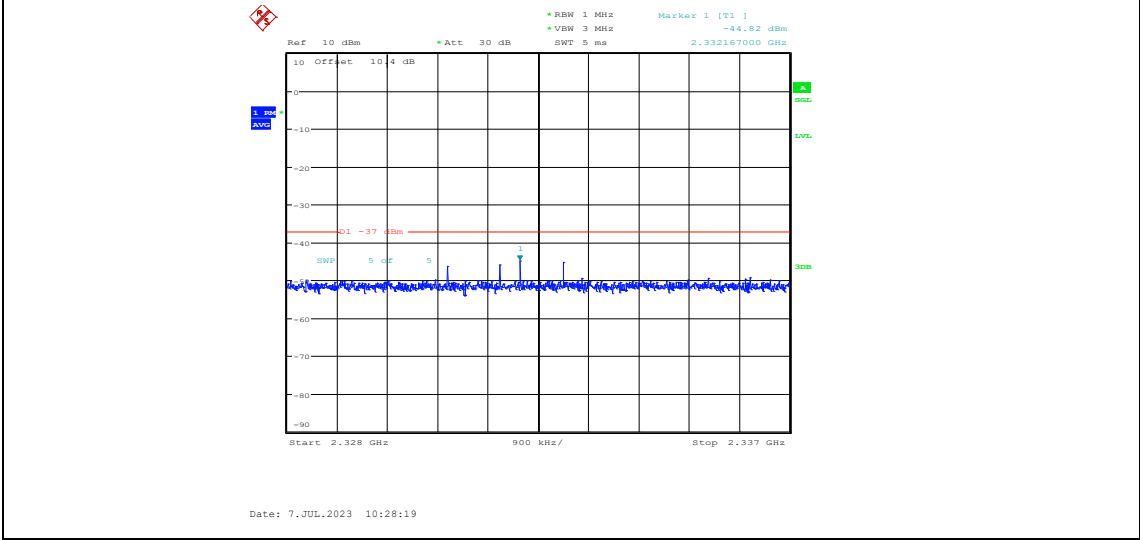
**Band40-5MHz-QPSK-38725-1RB#0-Range7:2320~2324MHz**



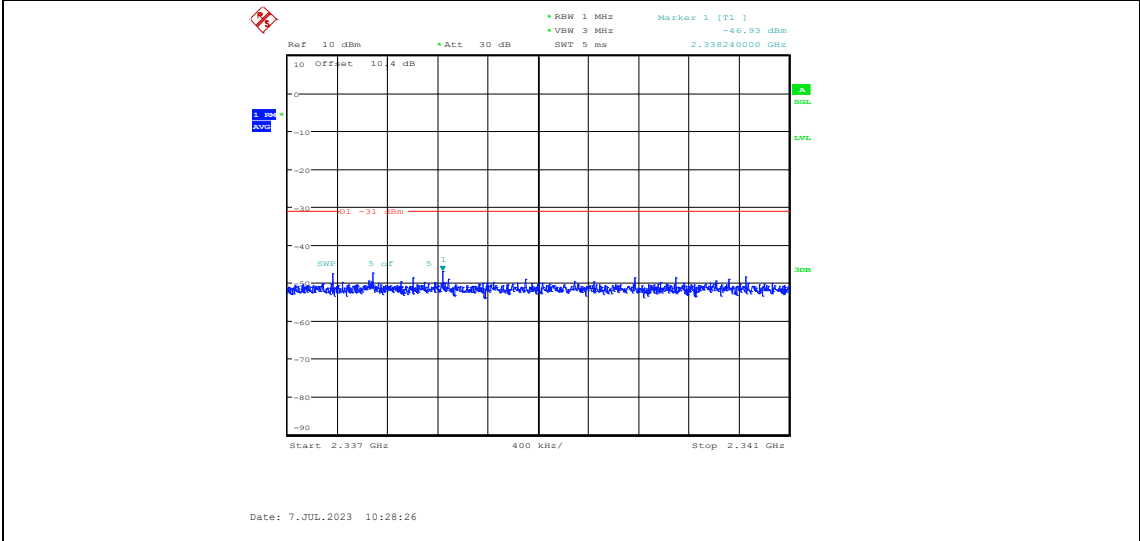
**Band40-5MHz-QPSK-38725-1RB#0-Range8:2324~2328MHz**



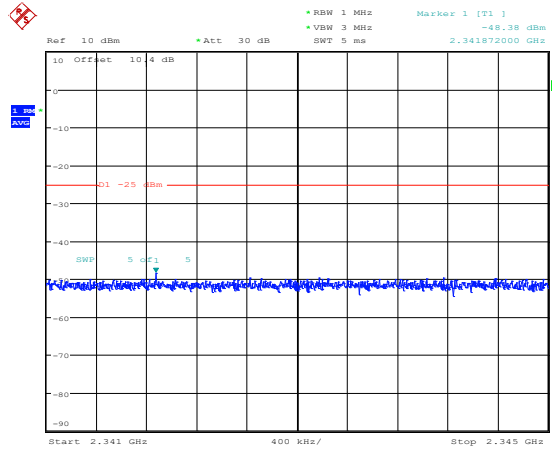
**Band40-5MHz-QPSK-38725-1RB#0-Range9:2328~2337MHz**



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

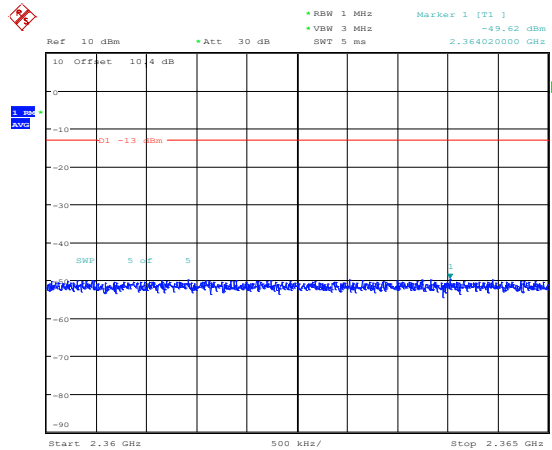


**Band40-5MHz-QPSK-38725-1RB#0-Range11:2341~2345MHz**



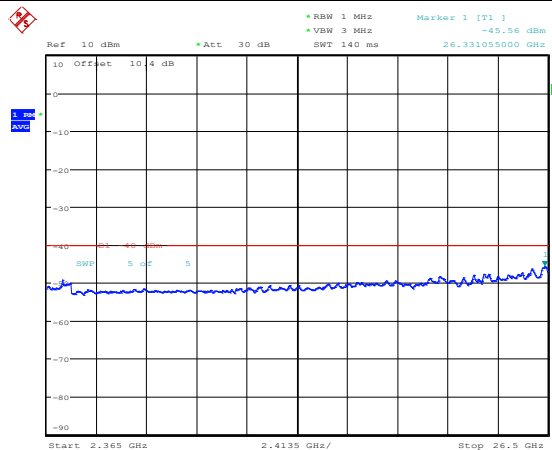
Date: 7.JUL.2023 10:28:34

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



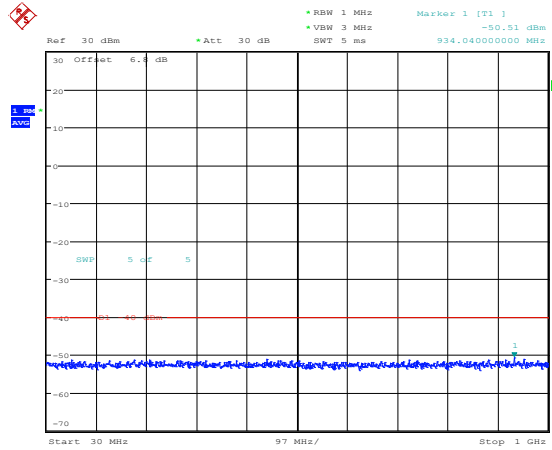
Date: 7.JUL.2023 10:28:41

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



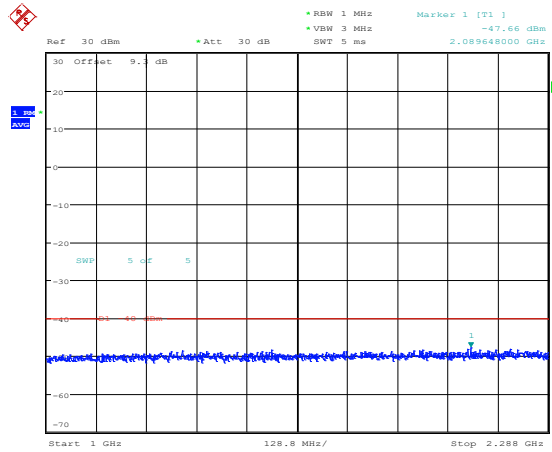
Date: 7.JUL.2023 10:28:49

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



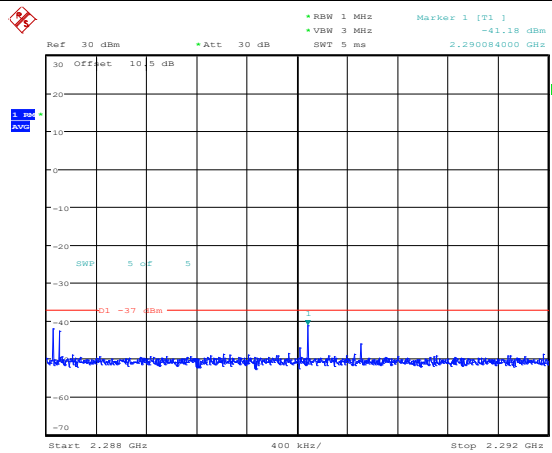
Date: 7.JUL.2023 10:30:33

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



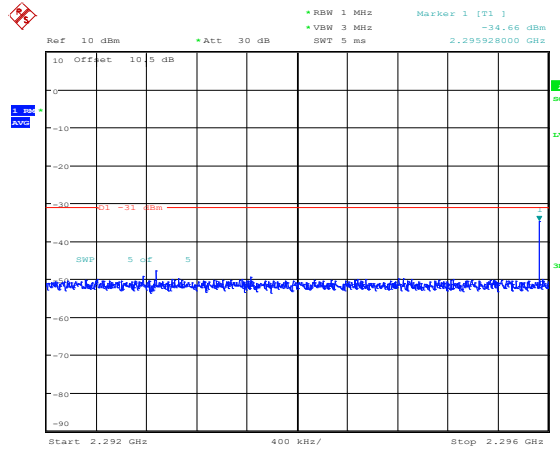
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**Band40-5MHz-QPSK-38750-1RB#0-Range3:2288~2292MHz**



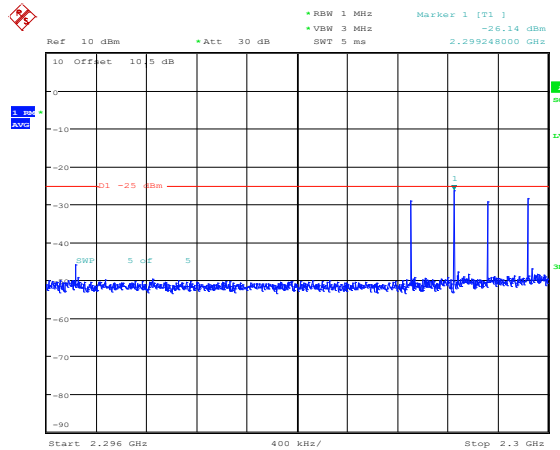
Date: 7.JUL.2023 10:30:48

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



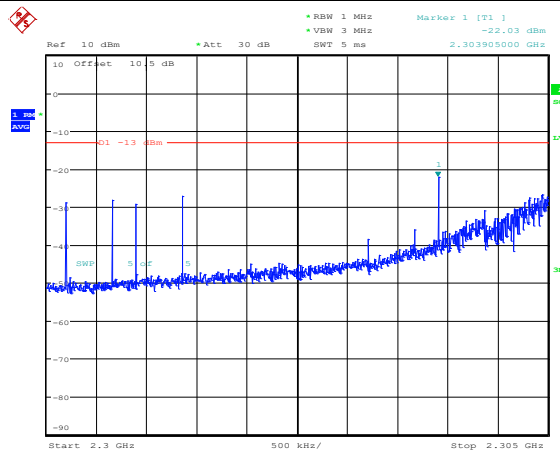
Date: 7.JUL.2023 10:30:55

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



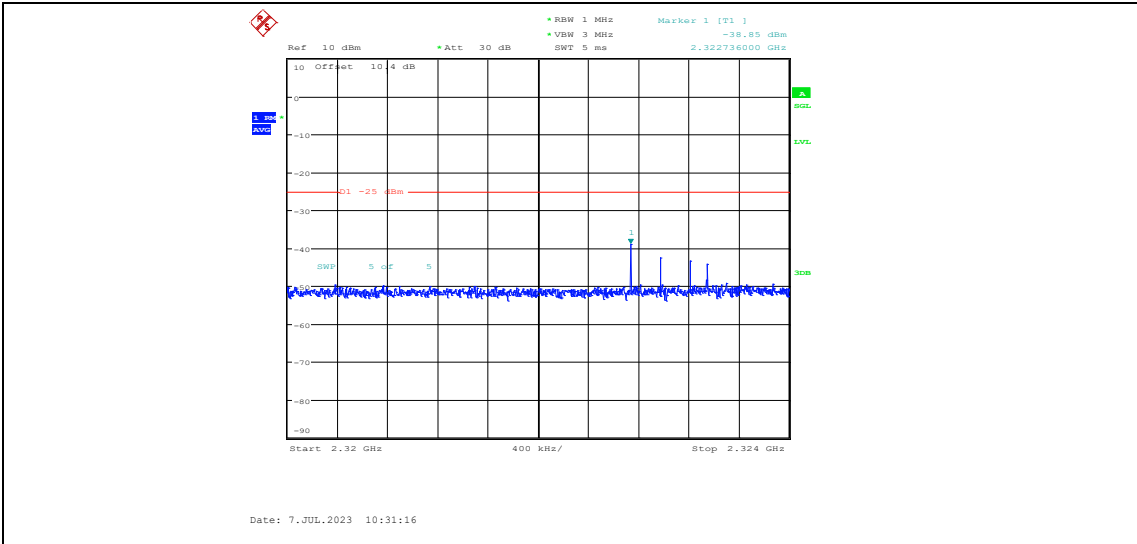
Date: 7.JUL.2023 10:31:02

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

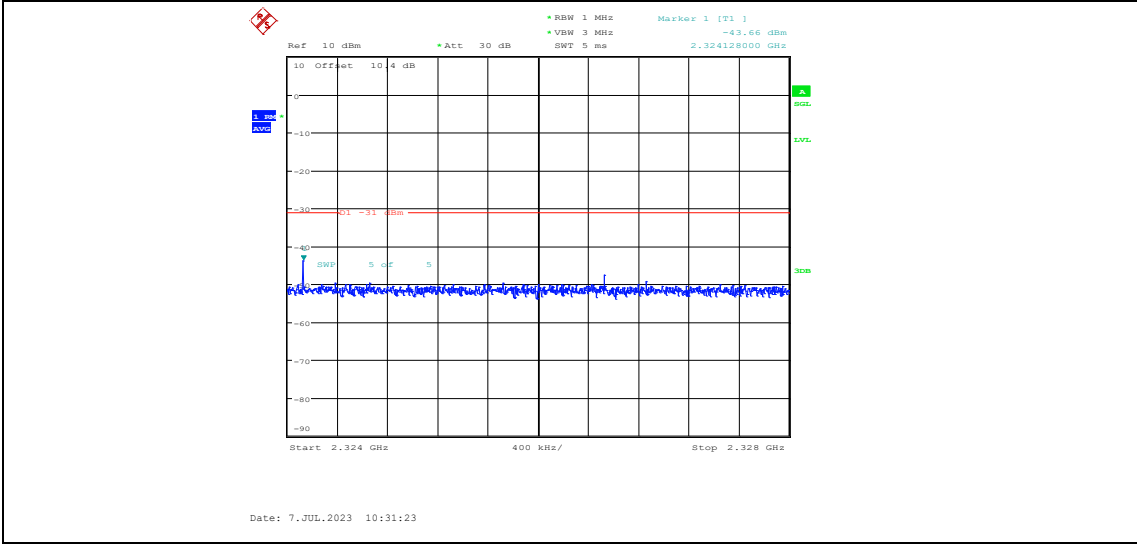


Date: 7.JUL.2023 10:31:09

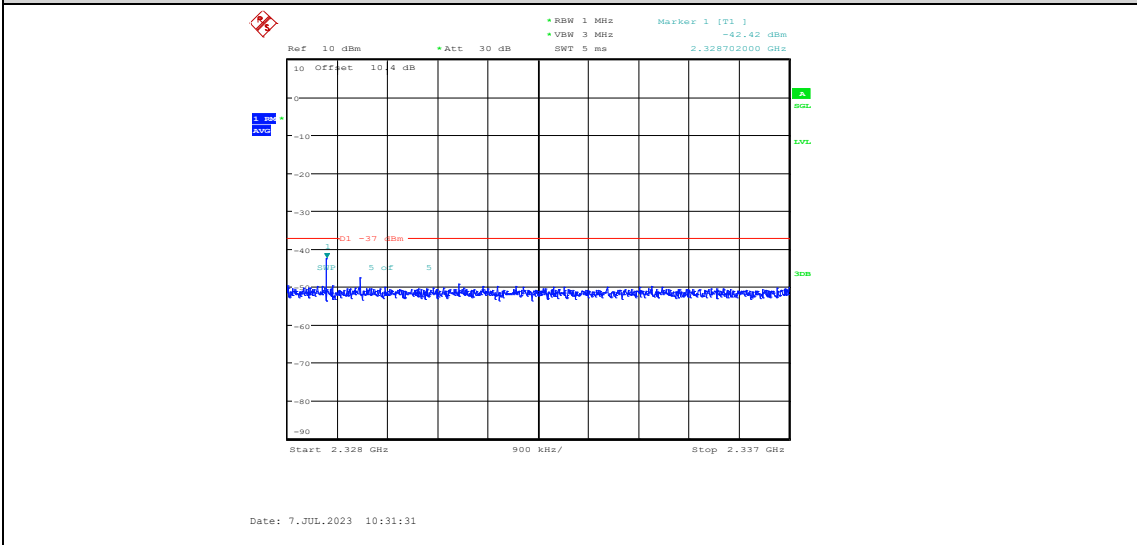
**Band40-5MHz-QPSK-38750-1RB#0-Range7:2320~2324MHz**



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

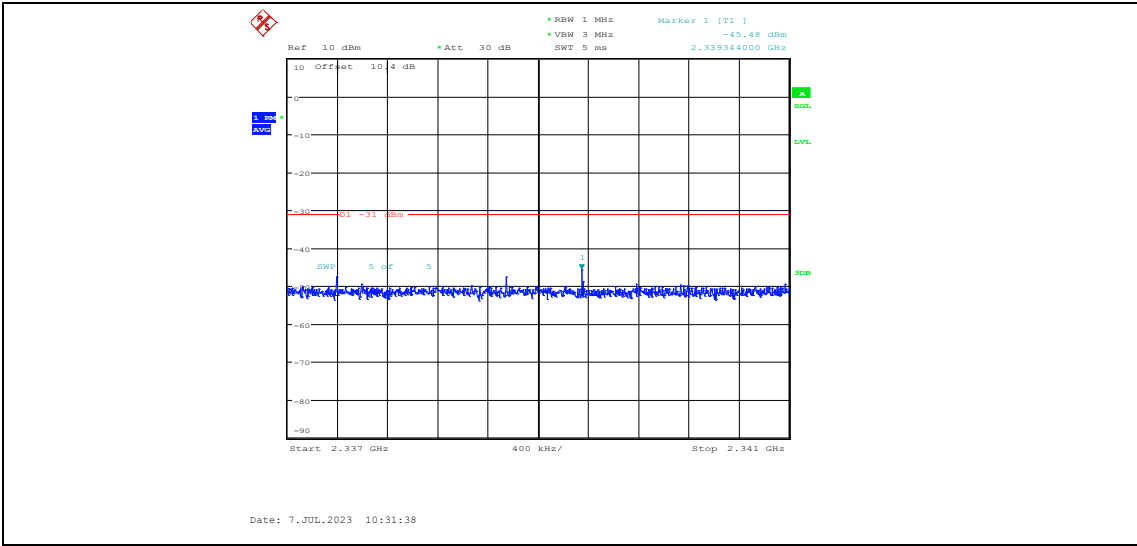


**Band40-5MHz-QPSK-38750-1RB#0-Range9:2328~2337MHz**

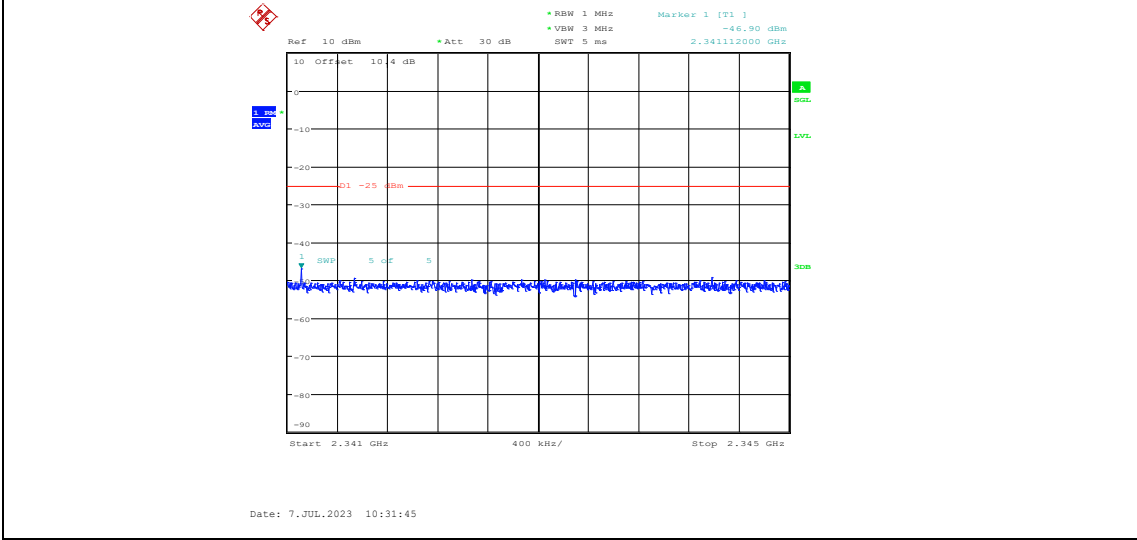


**Band40-5MHz-QPSK-38750-1RB#0-Range10:2337~2341MHz**

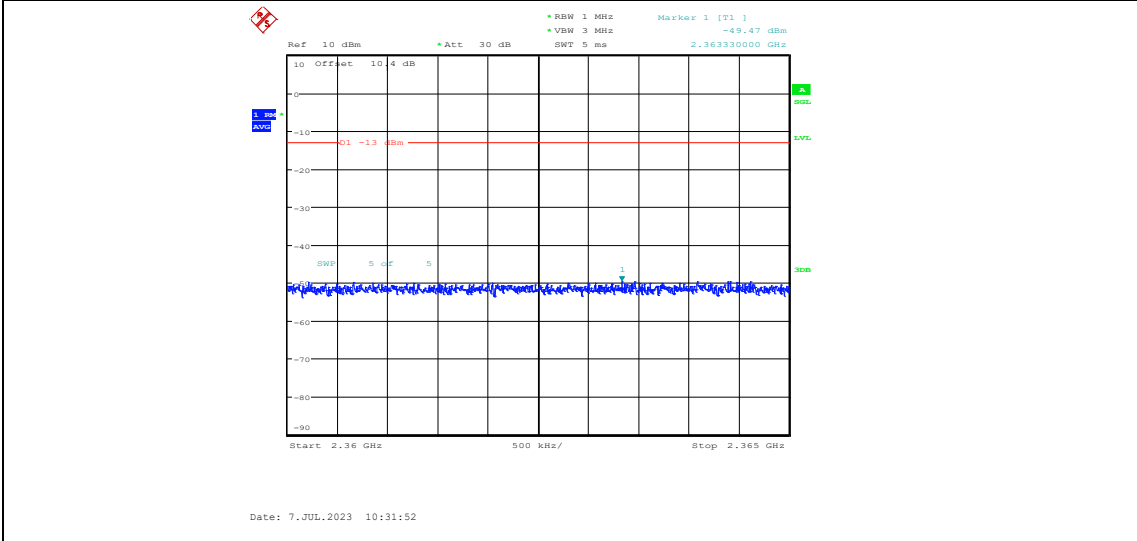




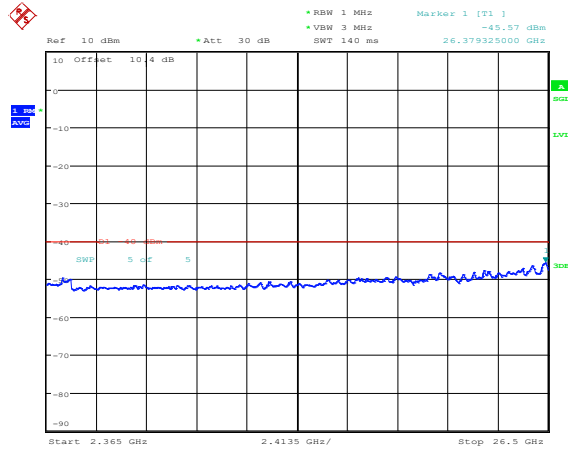
**Band40-5MHz-QPSK-38750-1RB#0-Range11:2341~2345MHz**



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

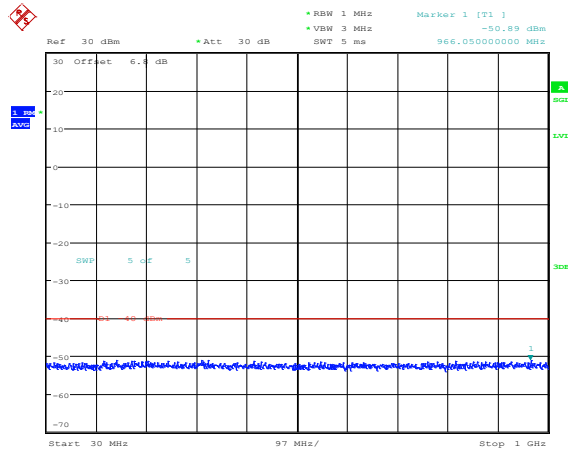


**Band40-5MHz-QPSK-38750-1RB#0-Range13:2365~26500MHz**



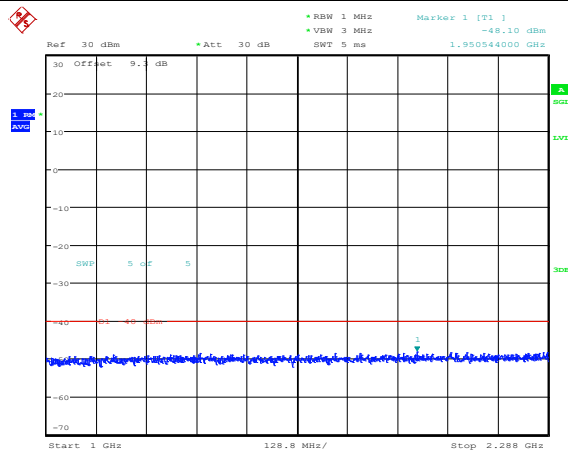
Date: 7.JUL.2023 10:32:00

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



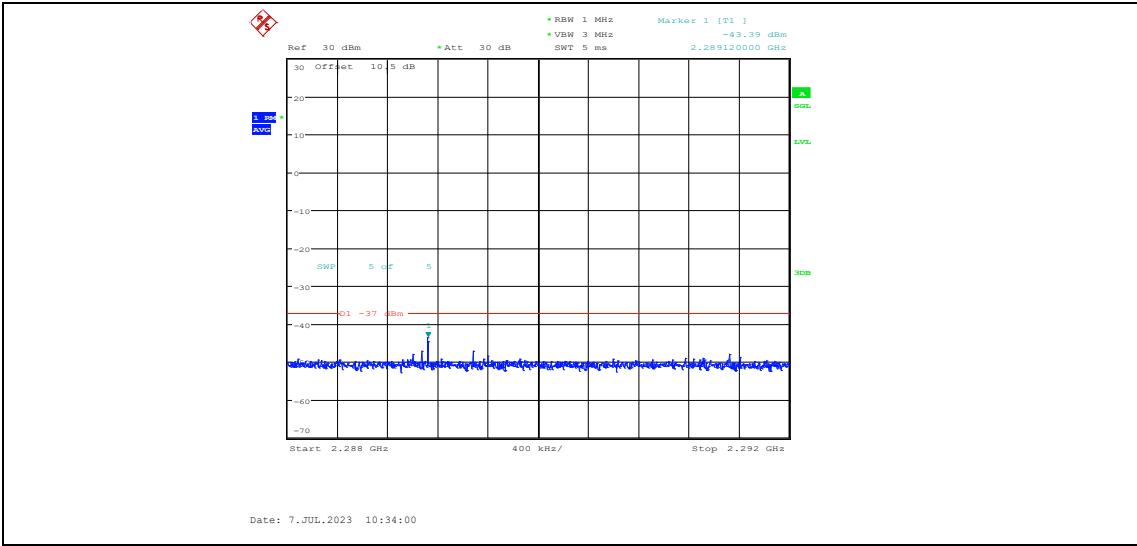
Date: 7.JUL.2023 10:33:45

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

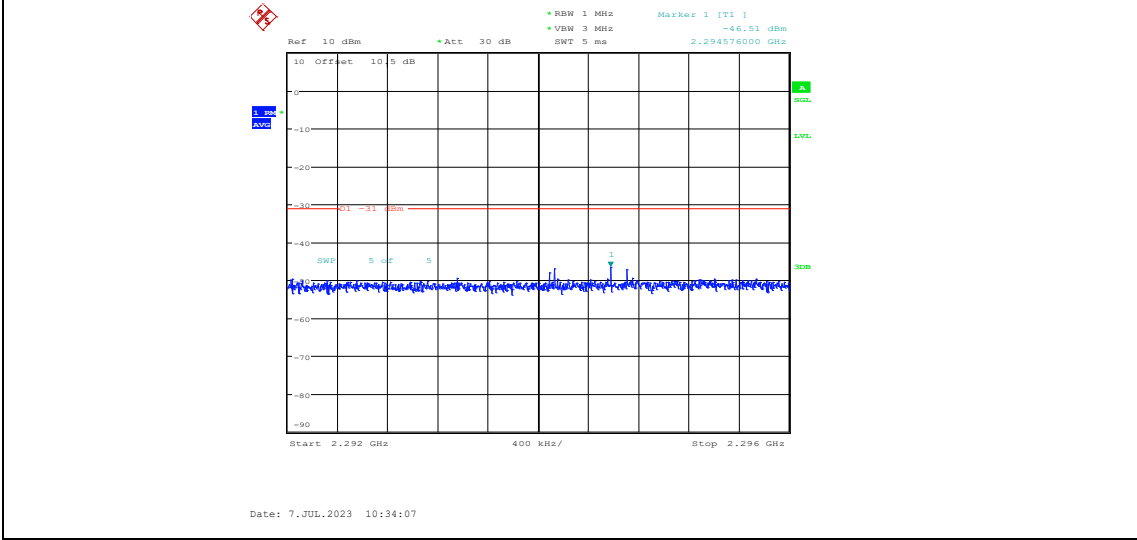


Date: 7.JUL.2023 10:33:53

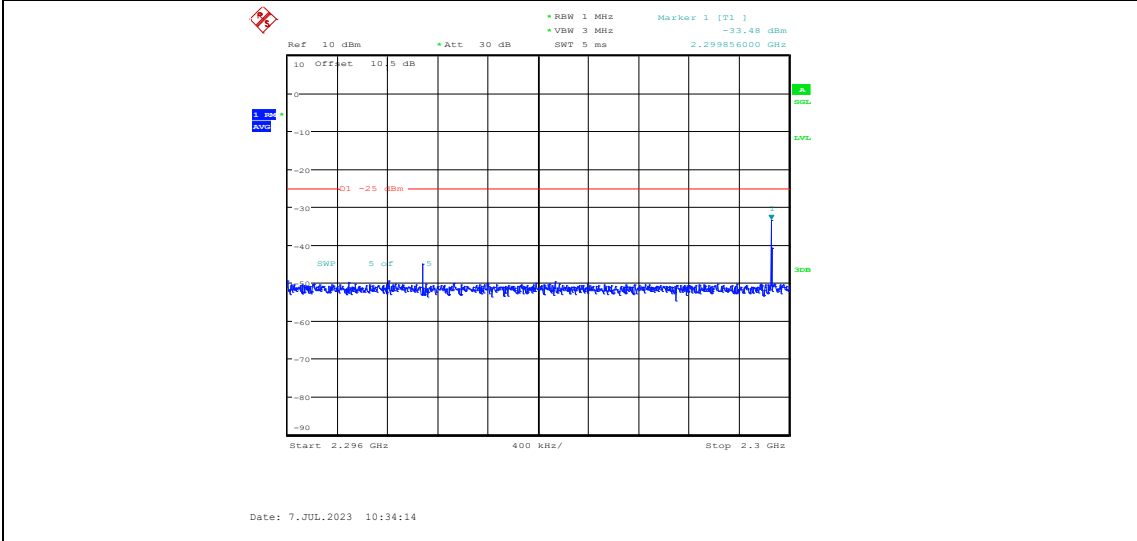
**Band40-5MHz-QPSK-38775-1RB#0-Range3:2288~2292MHz**



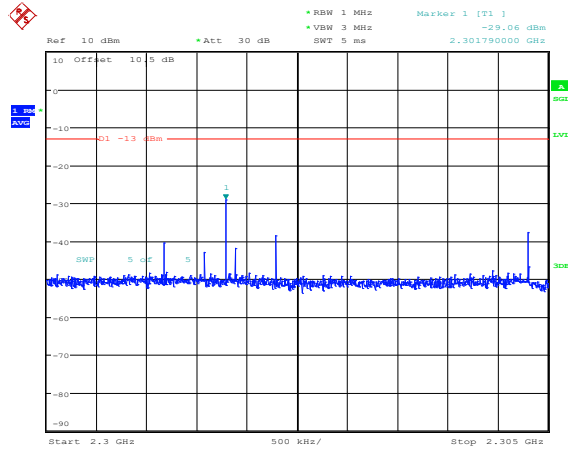
**Band40-5MHz-QPSK-38775-1RB#0-Range4:2292~2296MHz**



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

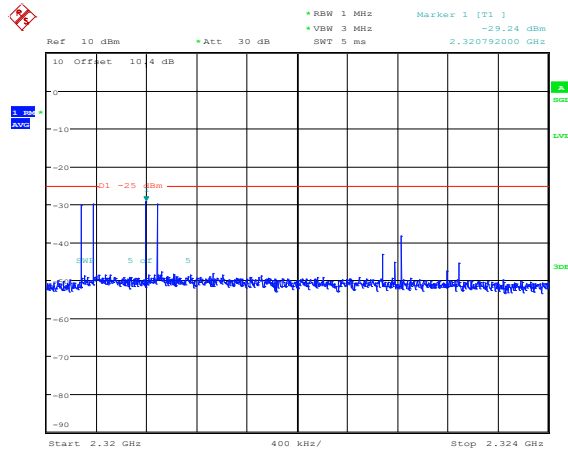


**Band40-5MHz-QPSK-38775-1RB#0-Range6:2300~2305MHz**



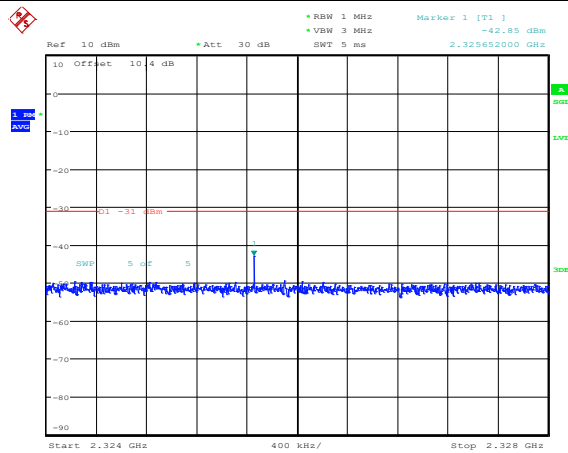
Date: 7.JUL.2023 10:34:21

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



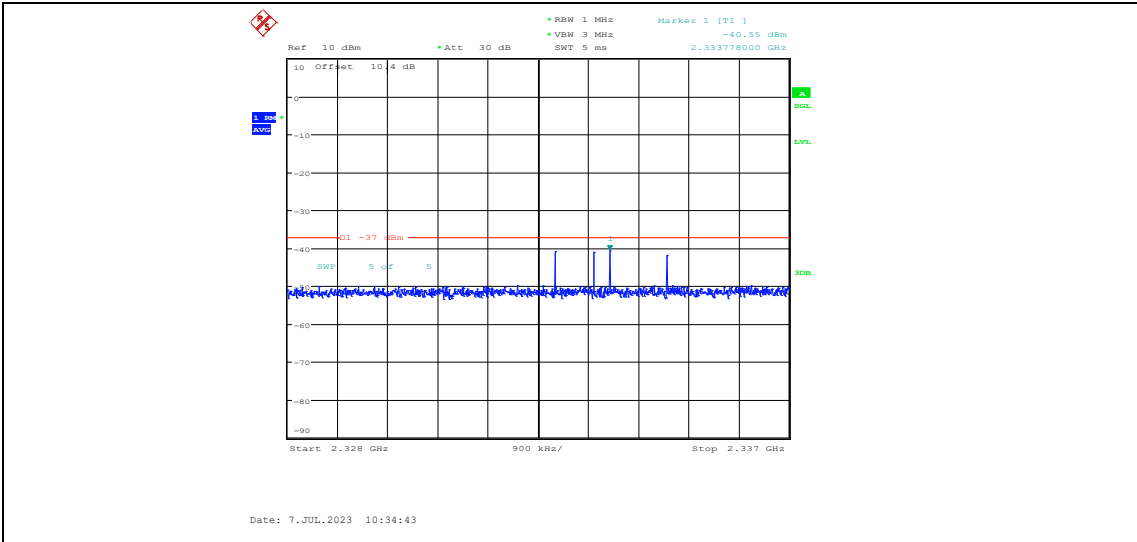
Date: 7.JUL.2023 10:34:28

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

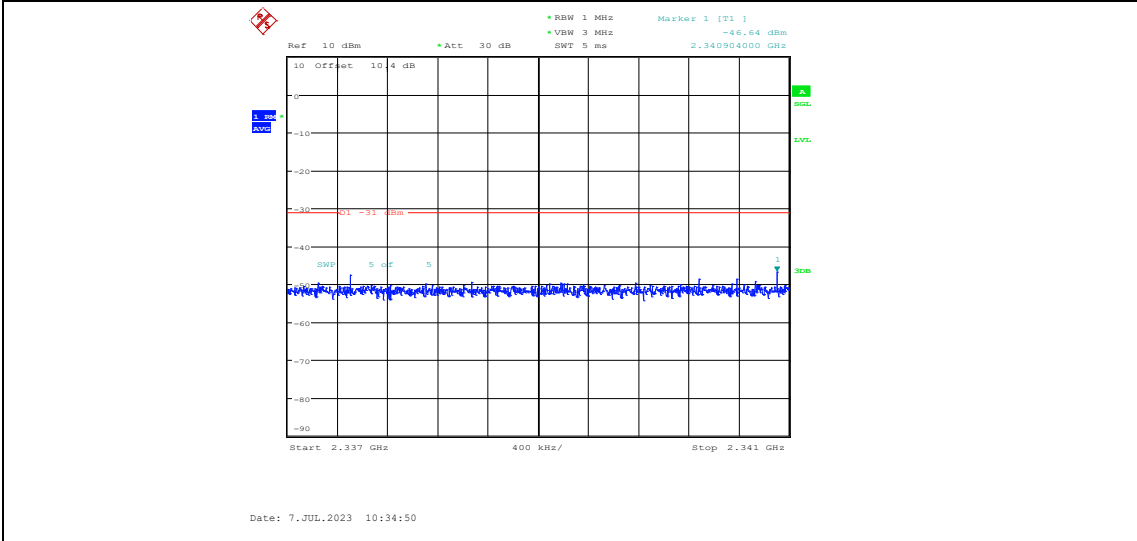


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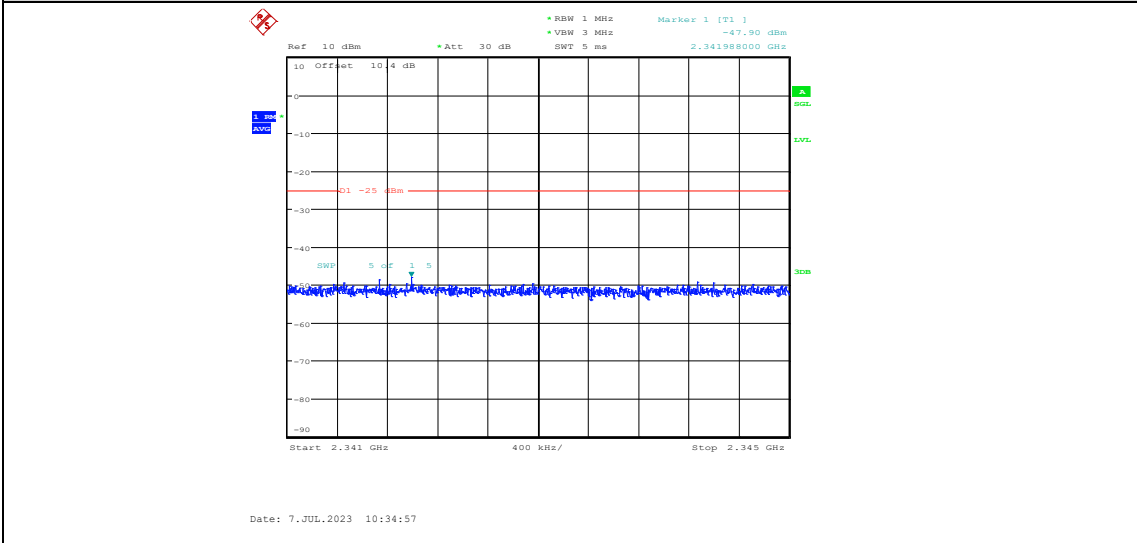
**Band40-5MHz-QPSK-38775-1RB#0-Range9:2328~2337MHz**



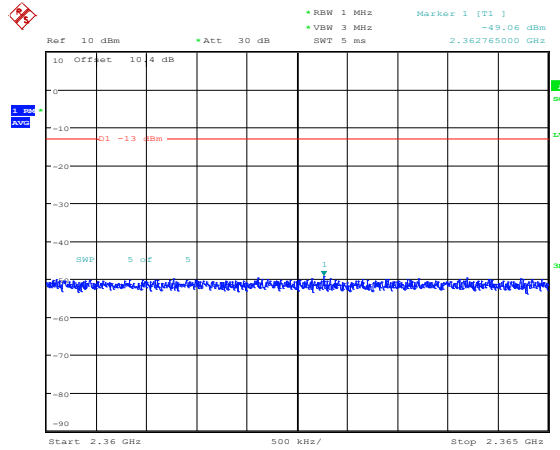
**Band40-5MHz-QPSK-38775-1RB#0-Range10:2337~2341MHz**



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

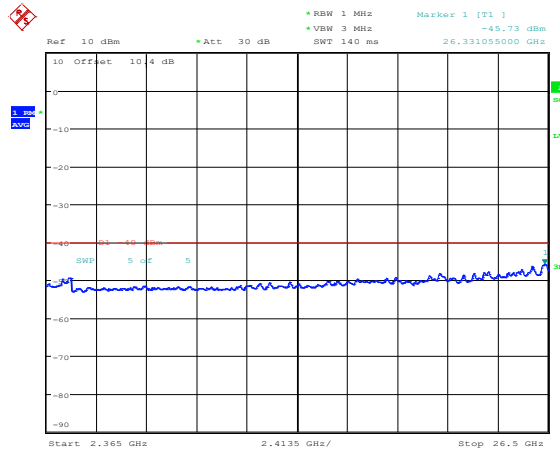


**Band40-5MHz-QPSK-38775-1RB#0-Range12:2360~2365MHz**



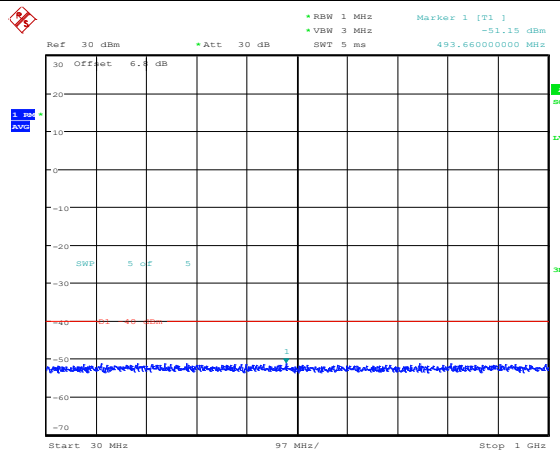
Date: 7.JUL.2023 10:35:04

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



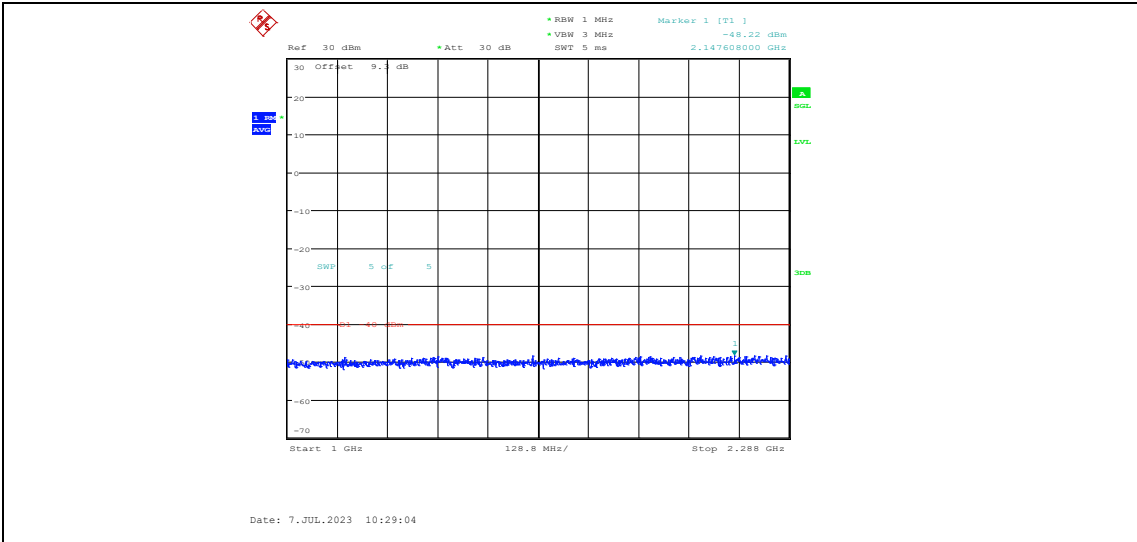
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**Band40-5MHz-16QAM-38725-1RB#0-Range1:30~1000MHz**

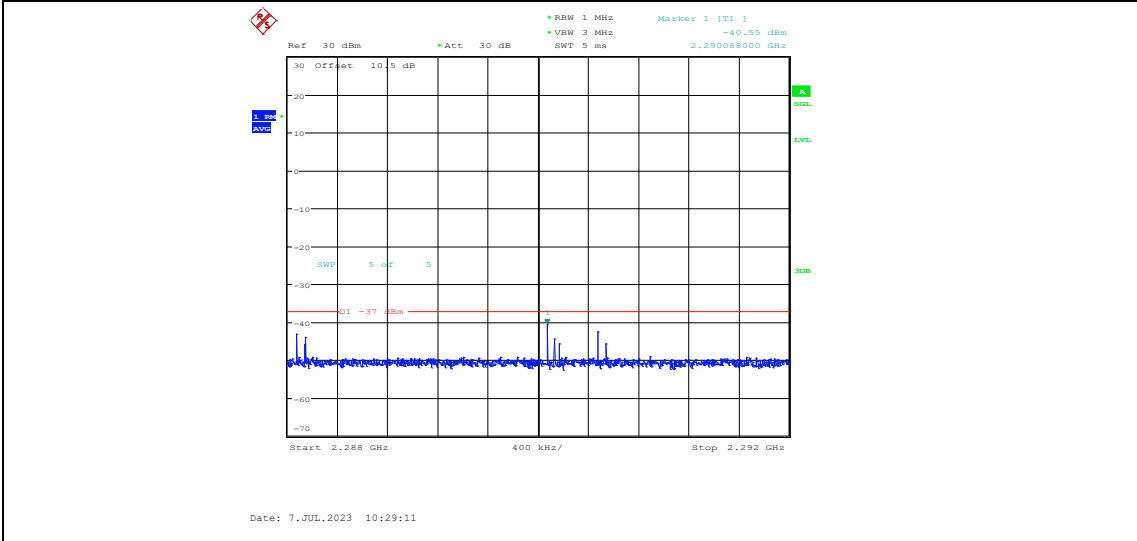


Date: 7.JUL.2023 10:28:57

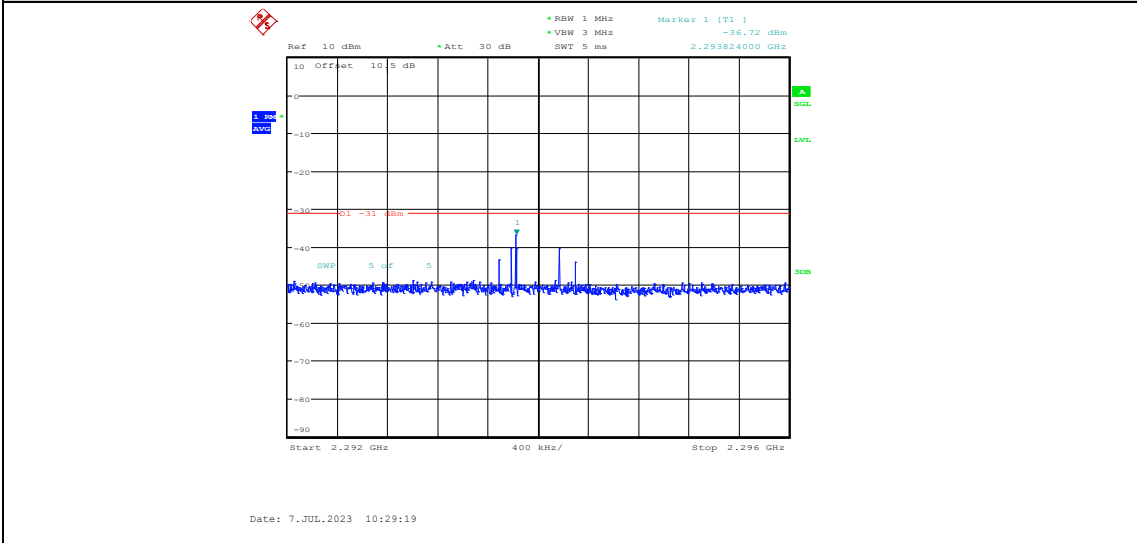
**Band40-5MHz-16QAM-38725-1RB#0-Range2:1000~2288MHz**



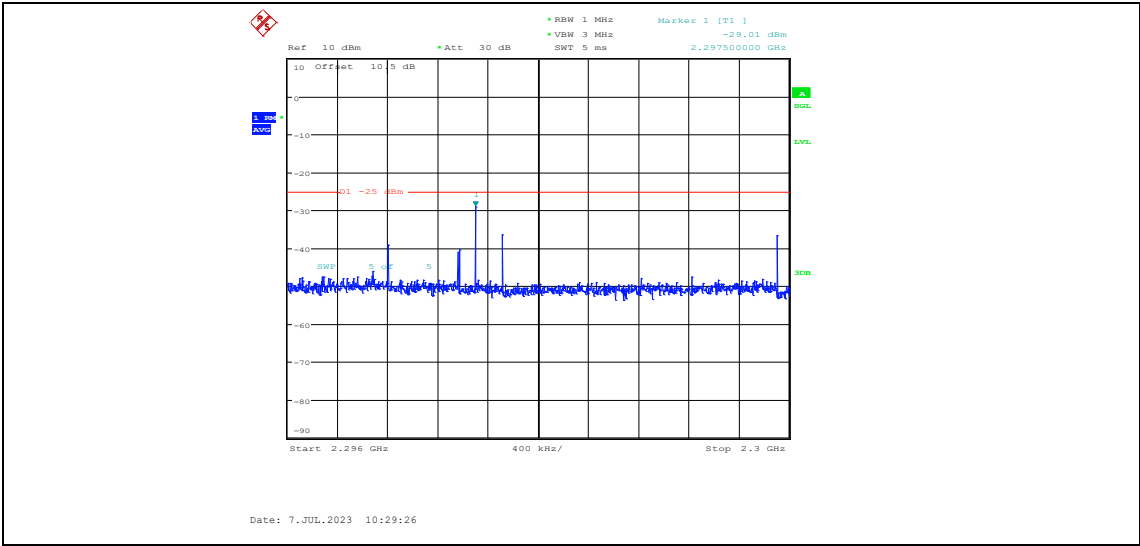
**Band40-5MHz-16QAM-38725-1RB#0-Range3:2288~2292MHz**



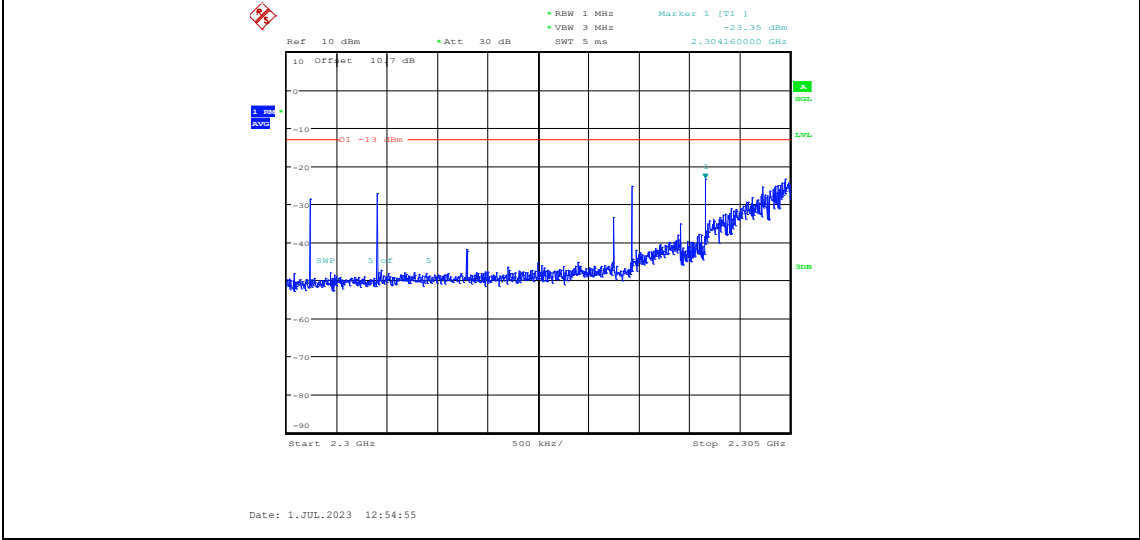
**Band40-5MHz-16QAM-38725-1RB#0-Range4:2292~2296MHz**



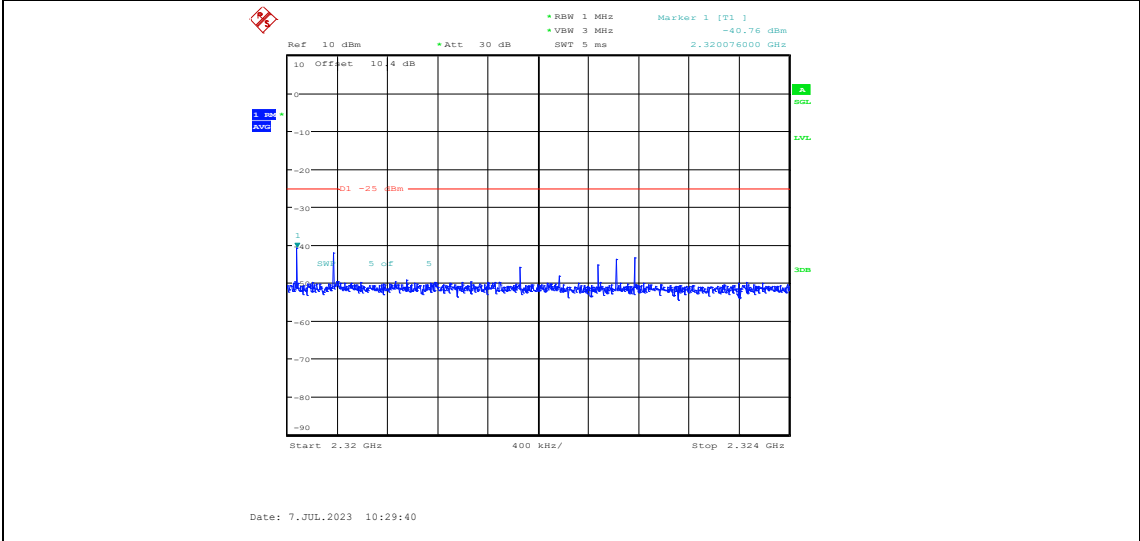
**Band40-5MHz-16QAM-38725-1RB#0-Range5:2296~2300MHz**



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

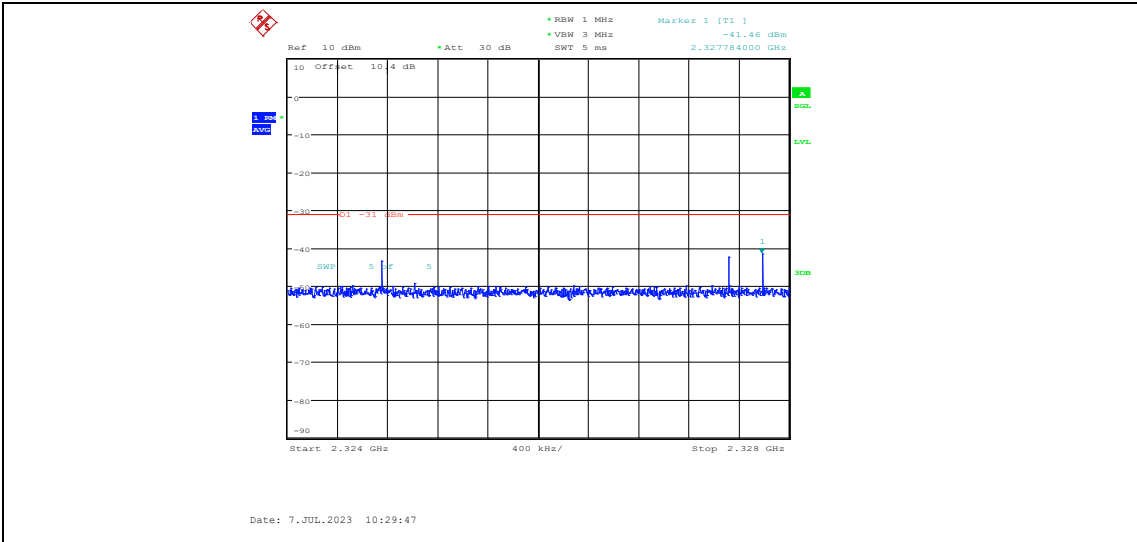


**Band40-5MHz-16QAM-38725-1RB#0-Range7:2320~2324MHz**

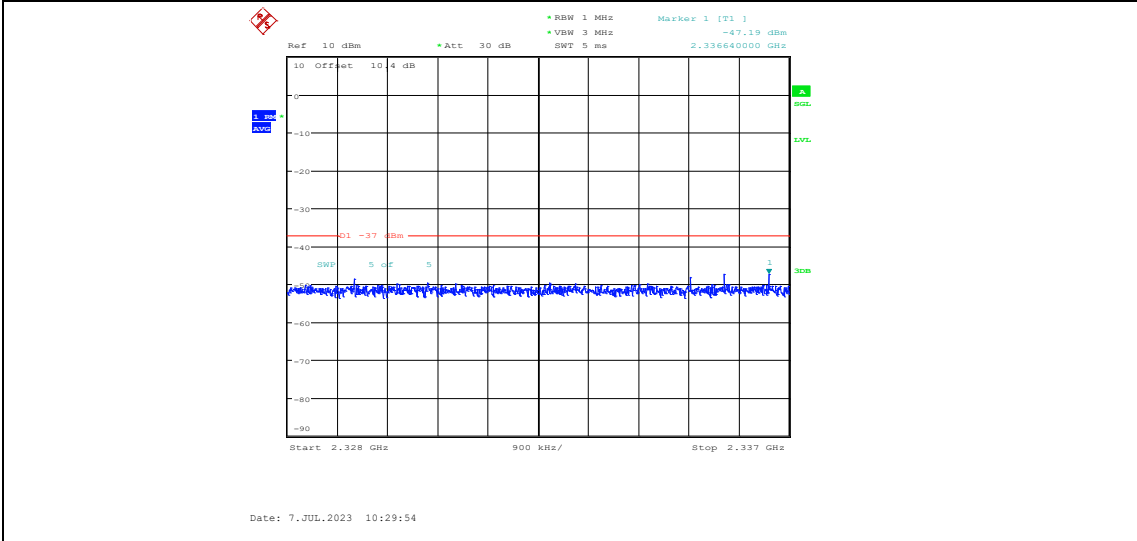


**Band40-5MHz-16QAM-38725-1RB#0-Range8:2324~2328MHz**

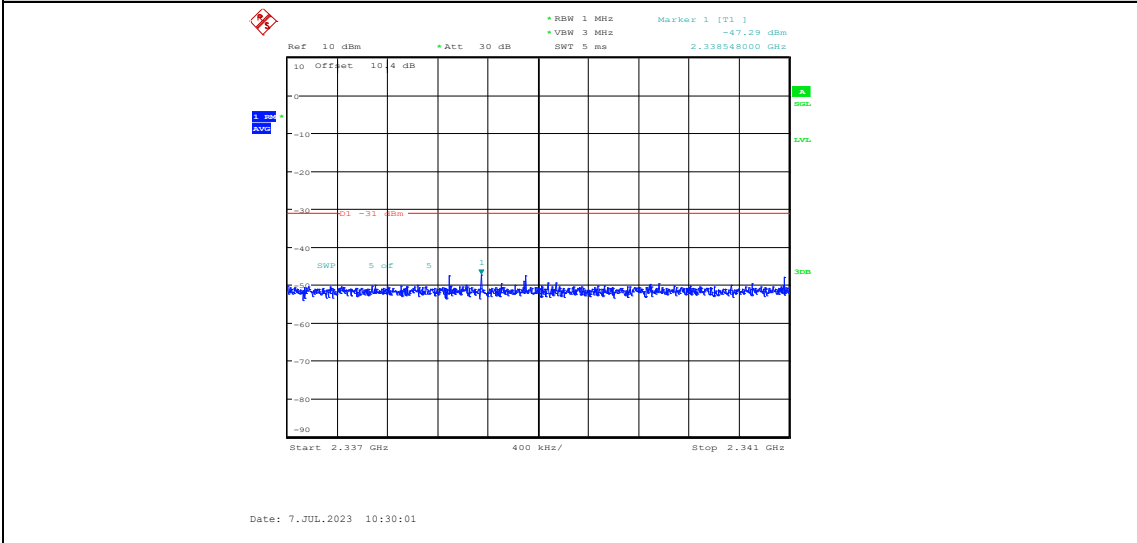




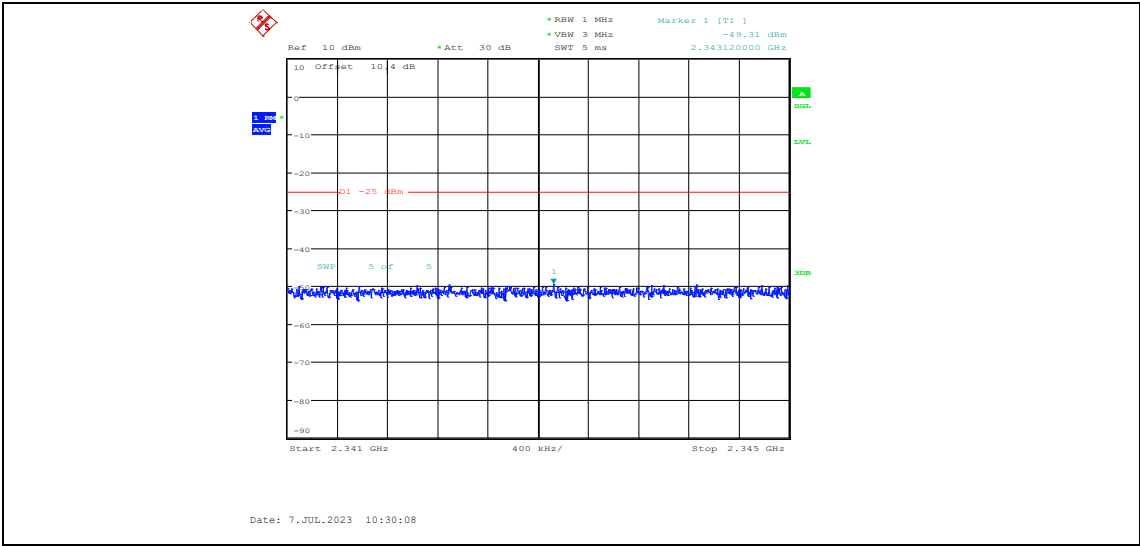
**Band40-5MHz-16QAM-38725-1RB#0-Range9:2328~2337MHz**



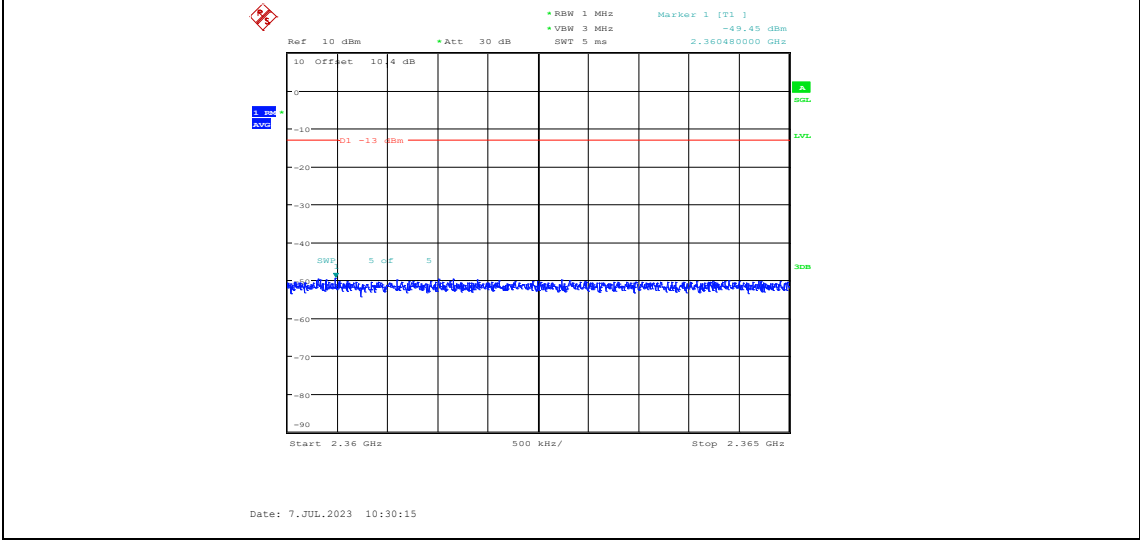
**Band40-5MHz-16QAM-38725-1RB#0-Range10:2337~2341MHz**



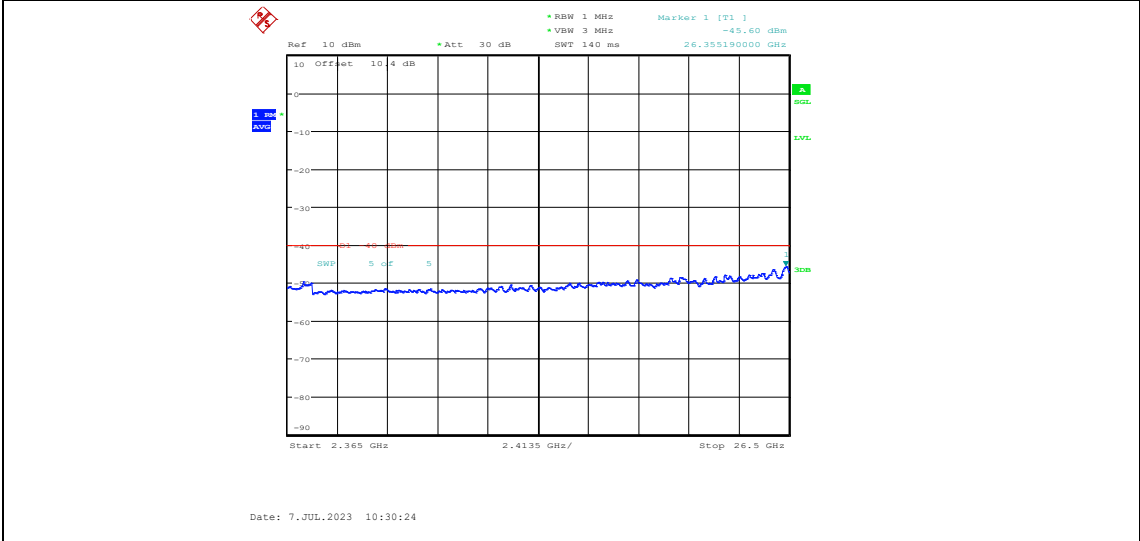
**Band40-5MHz-16QAM-38725-1RB#0-Range11:2341~2345MHz**



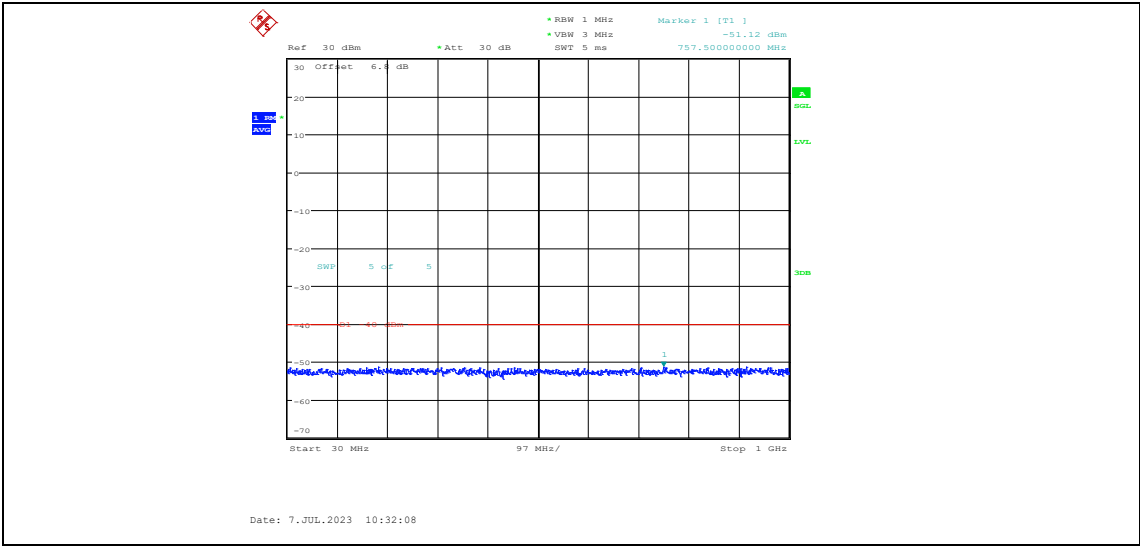
**Band40-5MHz-16QAM-38725-1RB#0-Range12:2360~2365MHz**



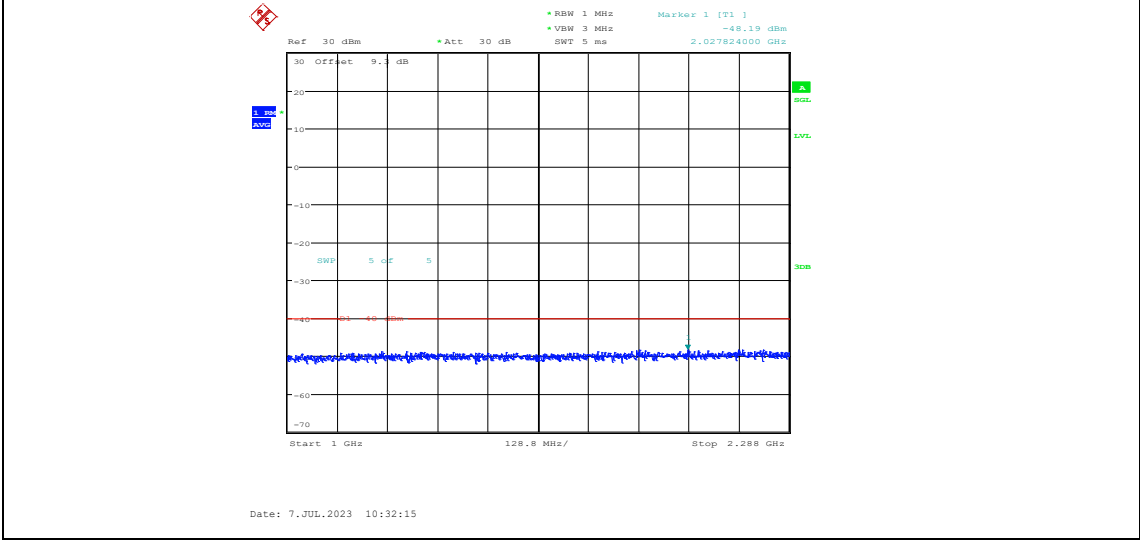
**Band40-5MHz-16QAM-38725-1RB#0-Range13:2365~26500MHz**



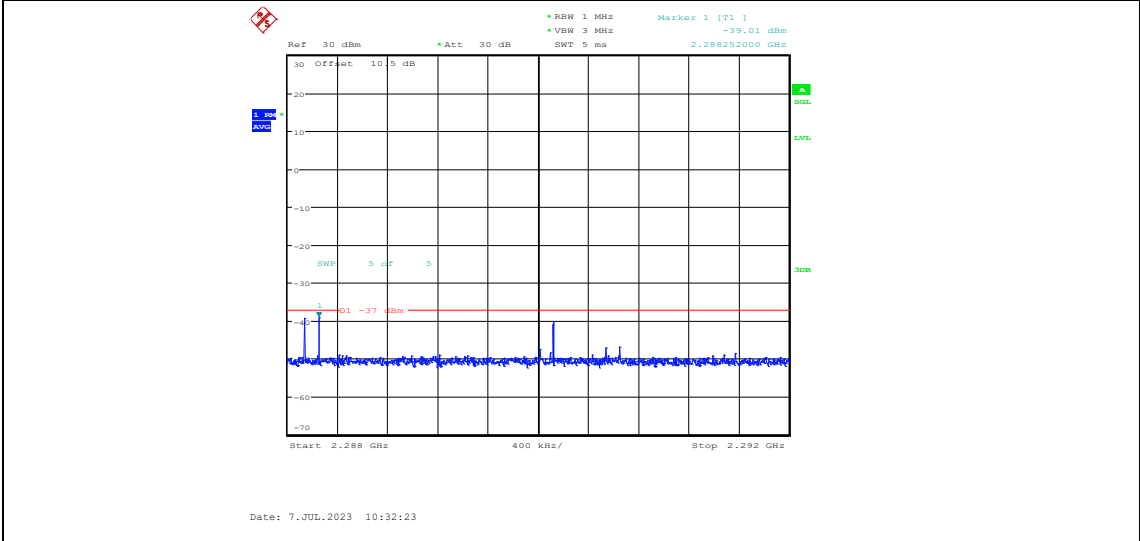
**Band40-5MHz-16QAM-38750-1RB#0-Range1:30~1000MHz**



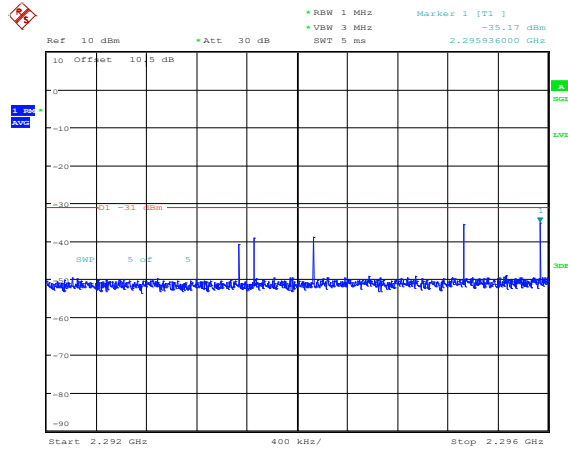
**Band40-5MHz-16QAM-38750-1RB#0-Range2:1000~2288MHz**



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

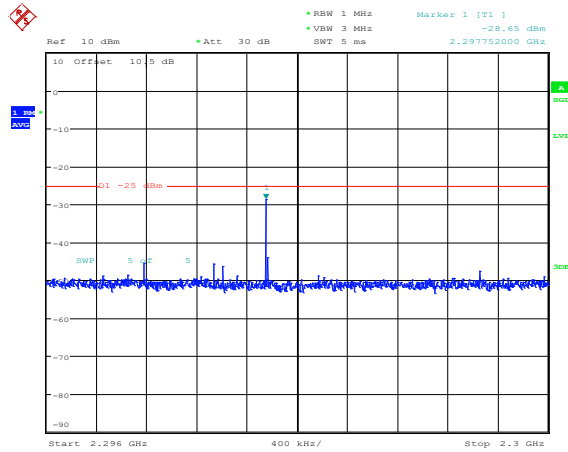


**Band40-5MHz-16QAM-38750-1RB#0-Range4:2292~2296MHz**



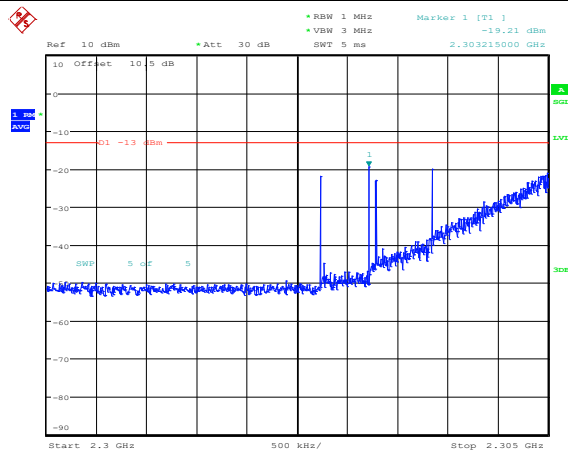
Date: 7.JUL.2023 10:32:30

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



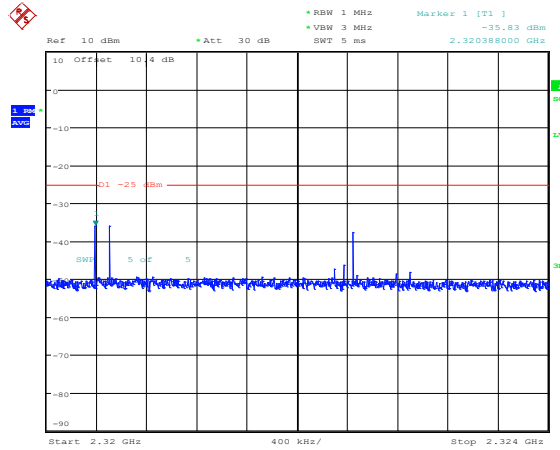
Date: 7.JUL.2023 10:32:37

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



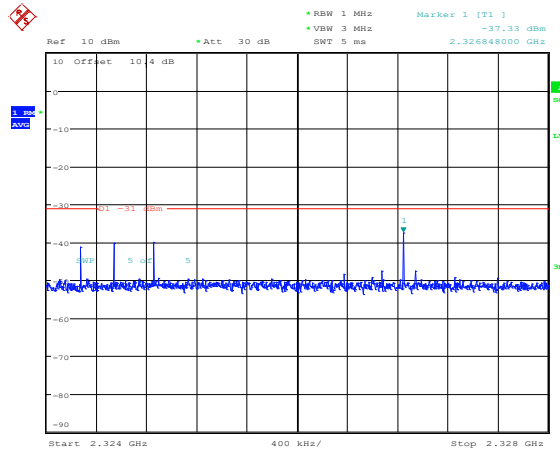
Date: 7.JUL.2023 10:32:44

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



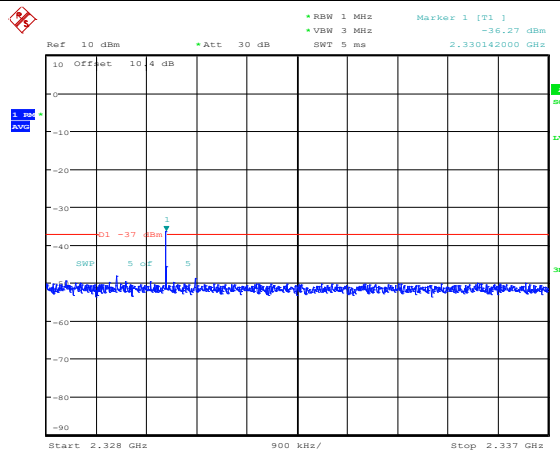
Date: 7.JUL.2023 10:32:51

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



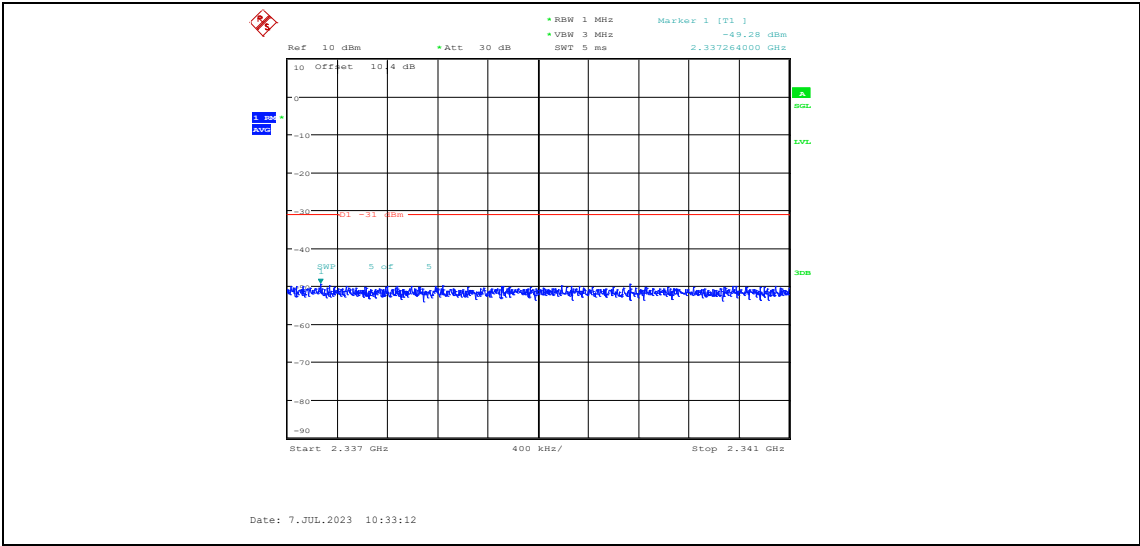
Date: 7.JUL.2023 10:32:58

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

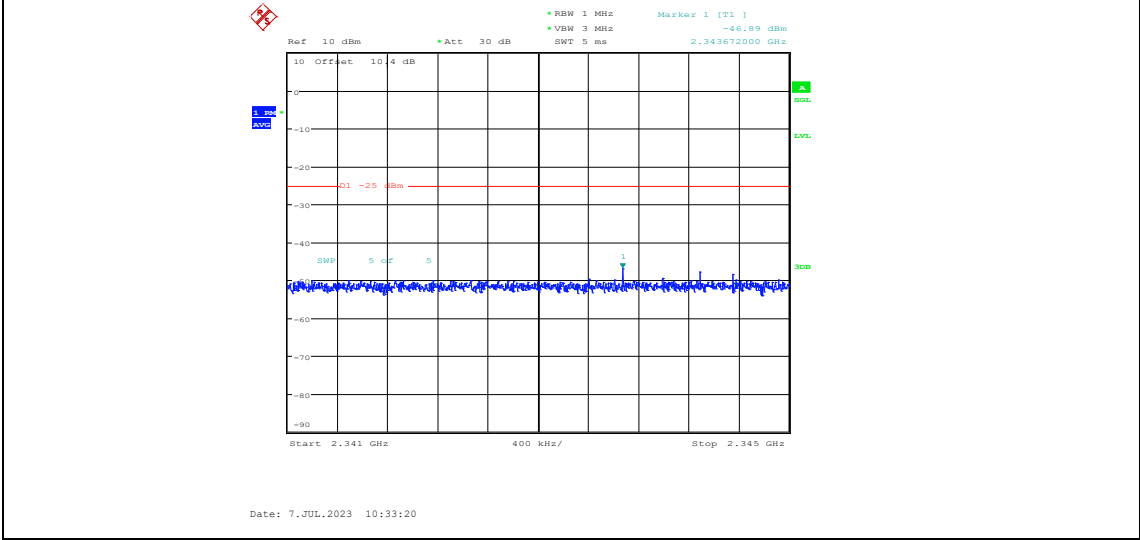


Date: 7.JUL.2023 10:33:05

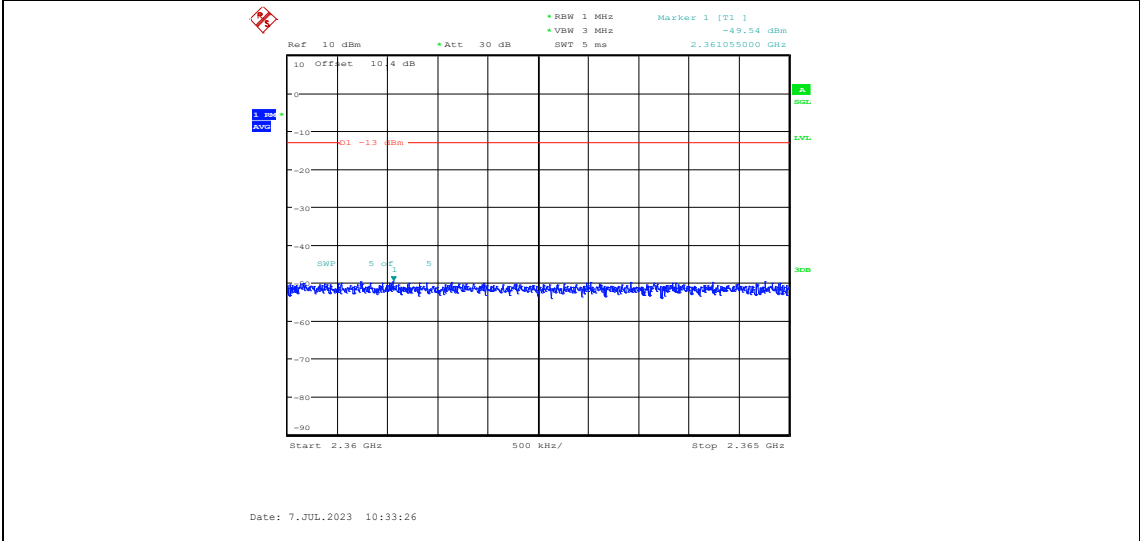
**Band40-5MHz-16QAM-38750-1RB#0-Range10:2337~2341MHz**



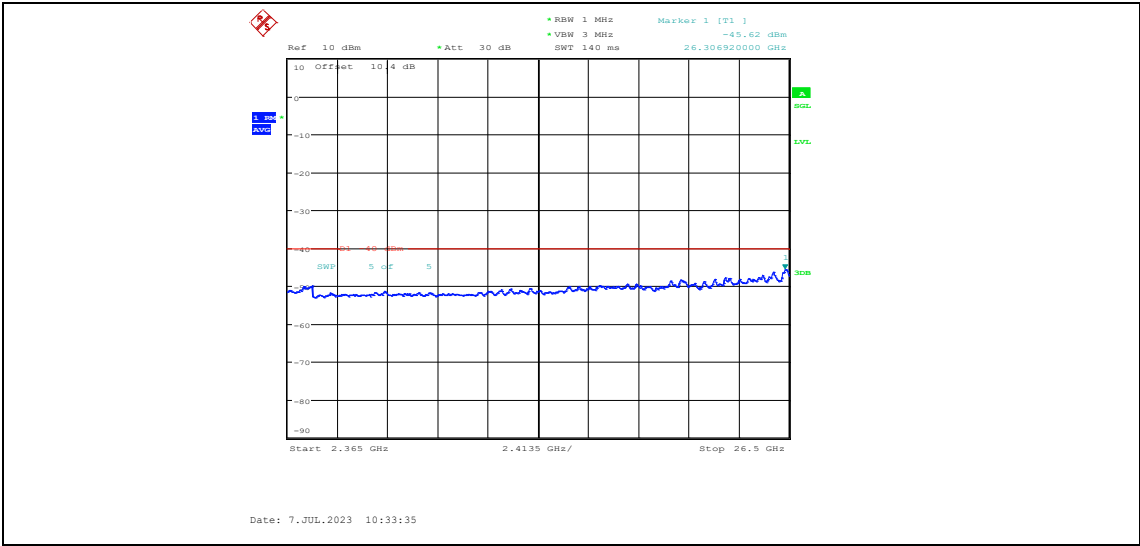
**Band40-5MHz-16QAM-38750-1RB#0-Range11:2341~2345MHz**



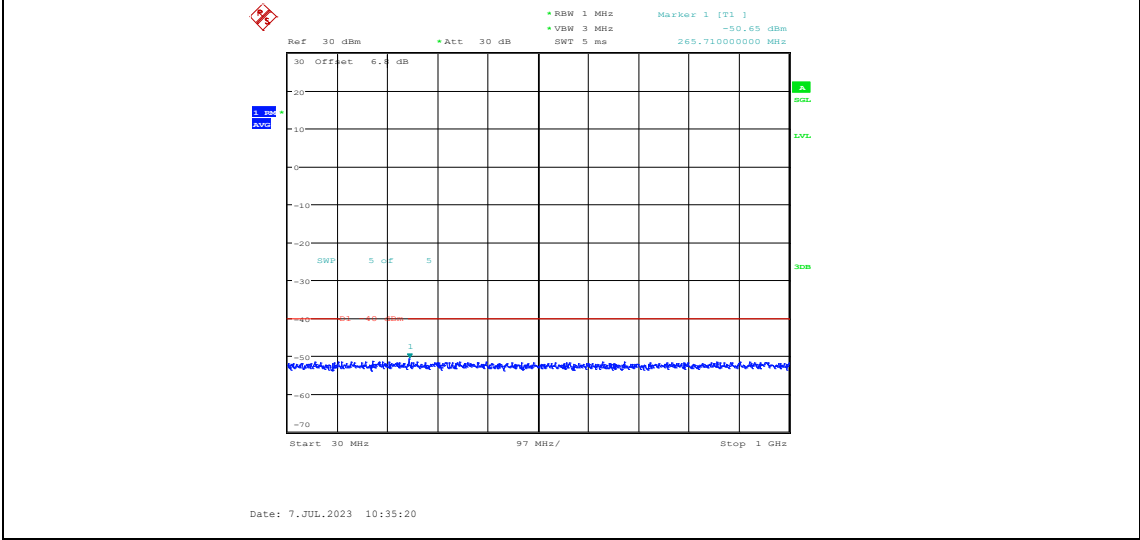
**Band40-5MHz-16QAM-38750-1RB#0-Range12:2360~2365MHz**



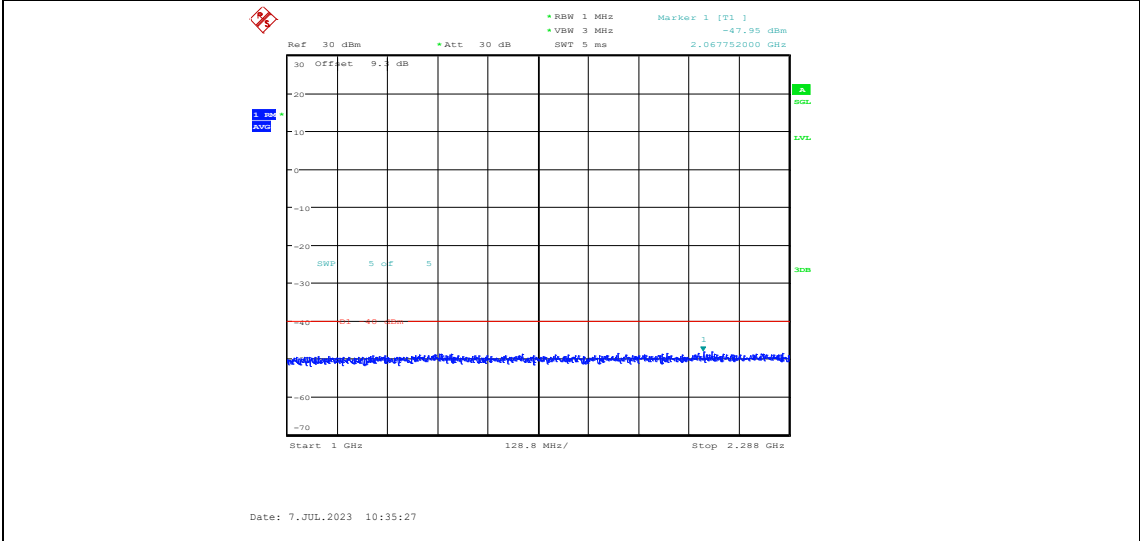
**Band40-5MHz-16QAM-38750-1RB#0-Range13:2365~26500MHz**



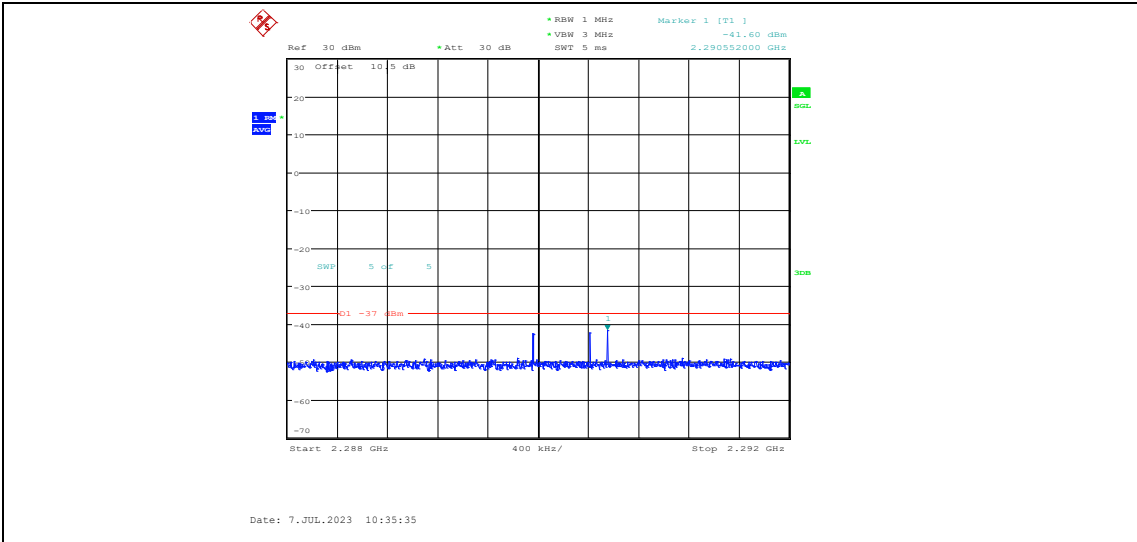
**Band40-5MHz-16QAM-38775-1RB#0-Range1:30~1000MHz**



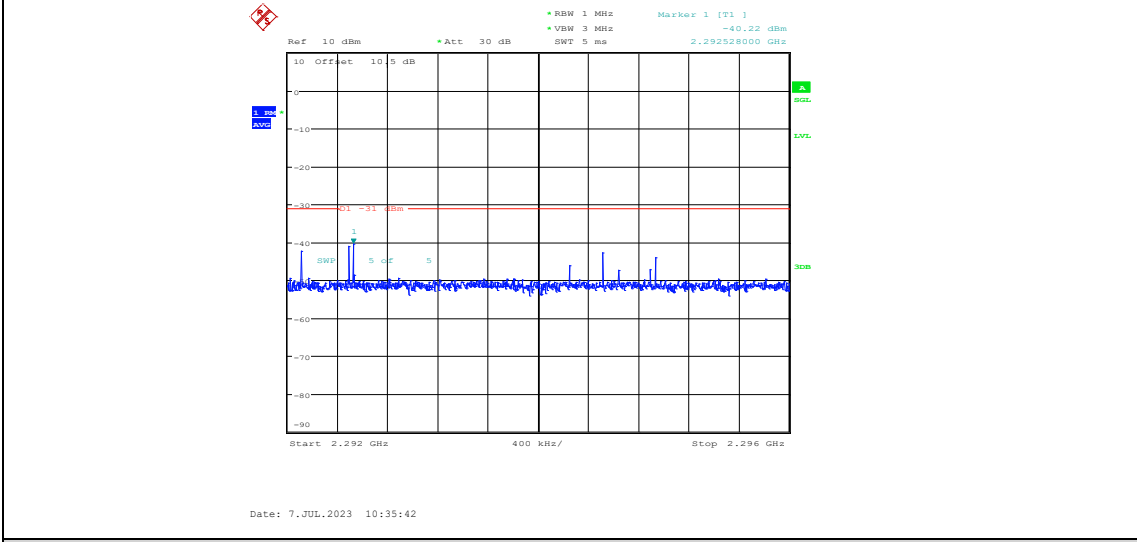
**Band40-5MHz-16QAM-38775-1RB#0-Range2:1000~2288MHz**



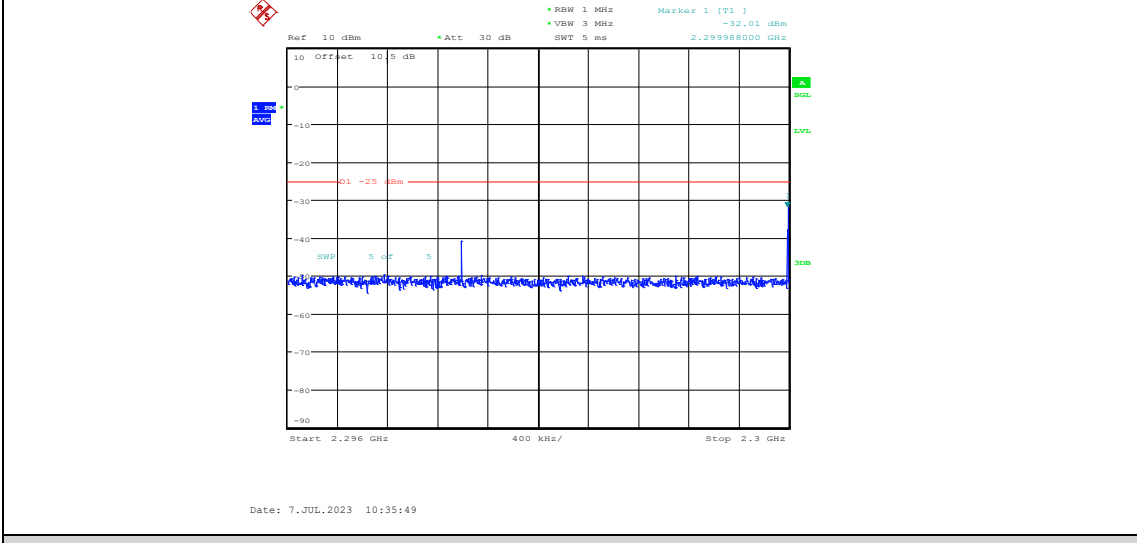
**Band40-5MHz-16QAM-38775-1RB#0-Range3:2288~2292MHz**



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

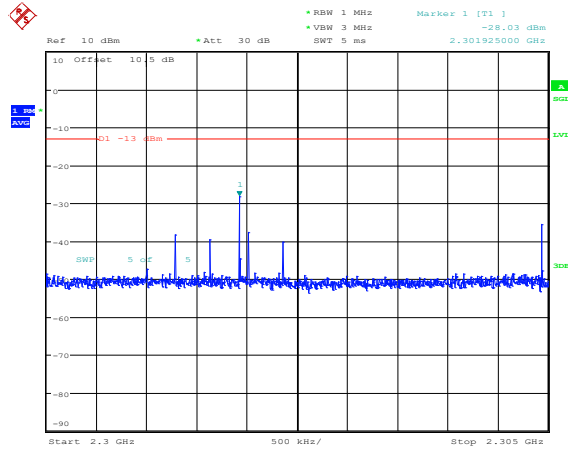


**Band40-5MHz-16QAM-38775-1RB#0-Range5:2296~2300MHz**



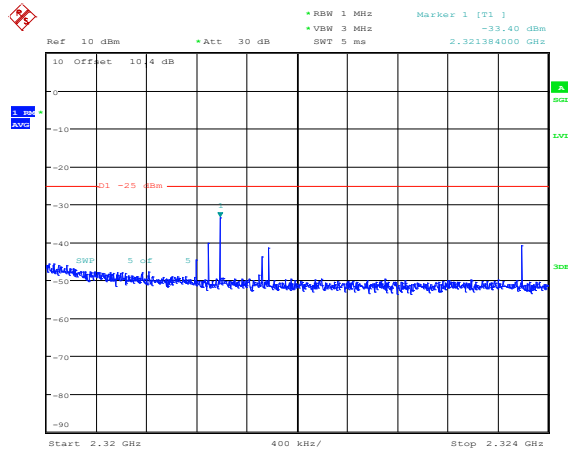
**Band40-5MHz-16QAM-38775-1RB#0-Range6:2300~2305MHz**





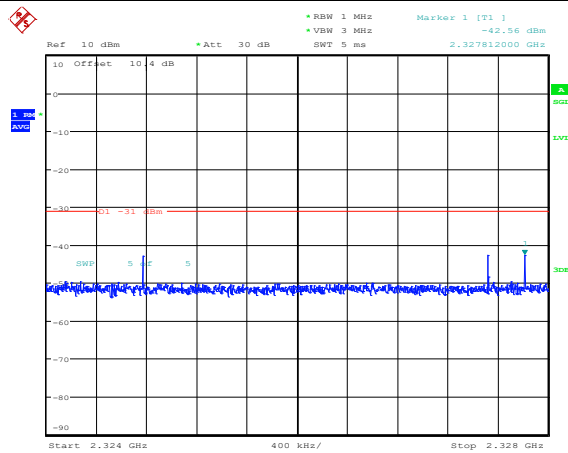
Date: 7.JUL.2023 10:35:56

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



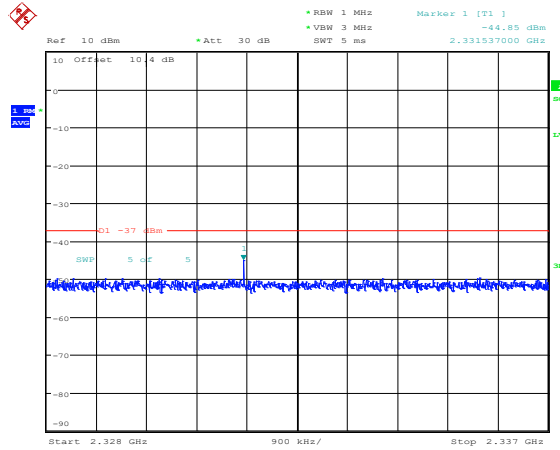
Date: 7.JUL.2023 10:36:03

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



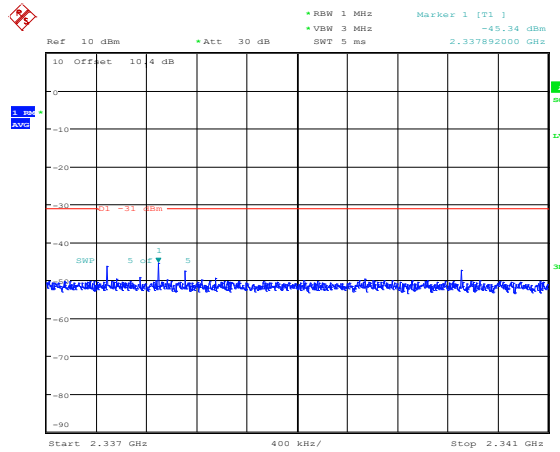
Date: 7.JUL.2023 10:36:10

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



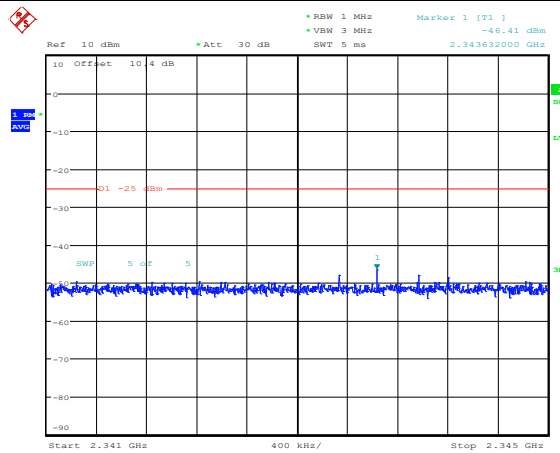
Date: 7.JUL.2023 10:36:17

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



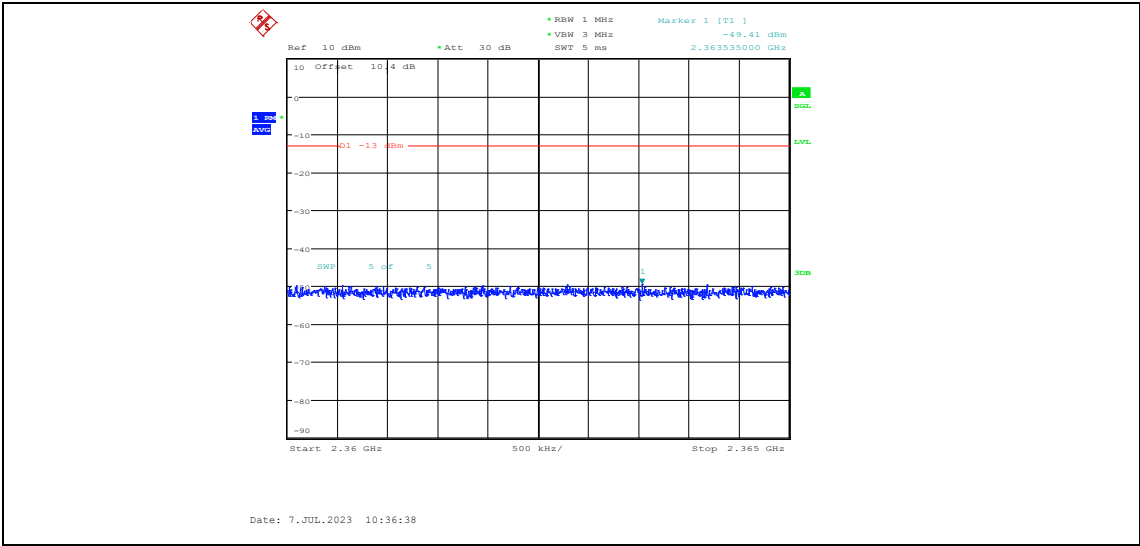
Date: 7.JUL.2023 10:36:24

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

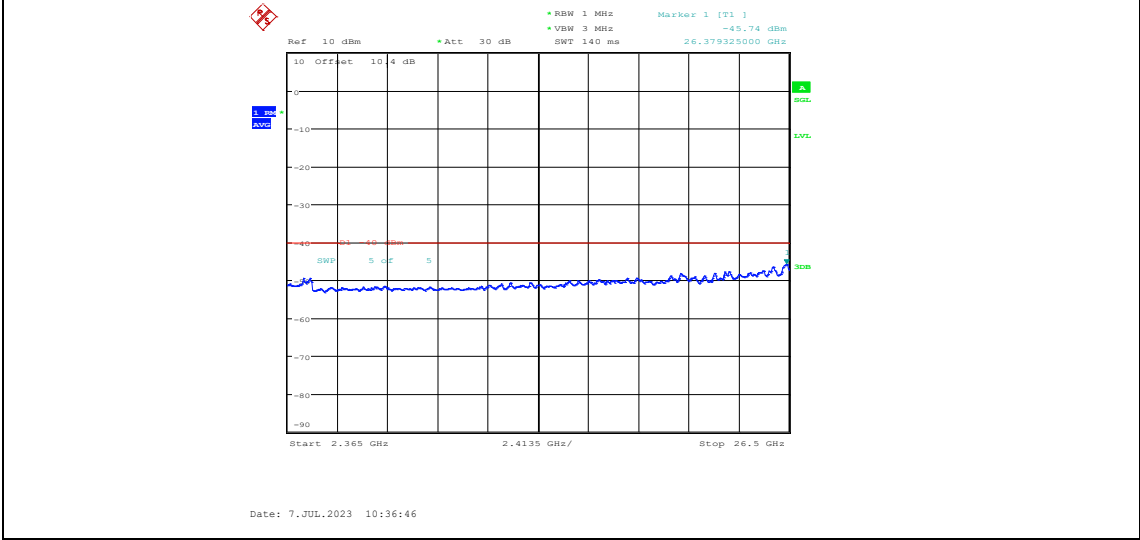


Date: 7.JUL.2023 10:36:31

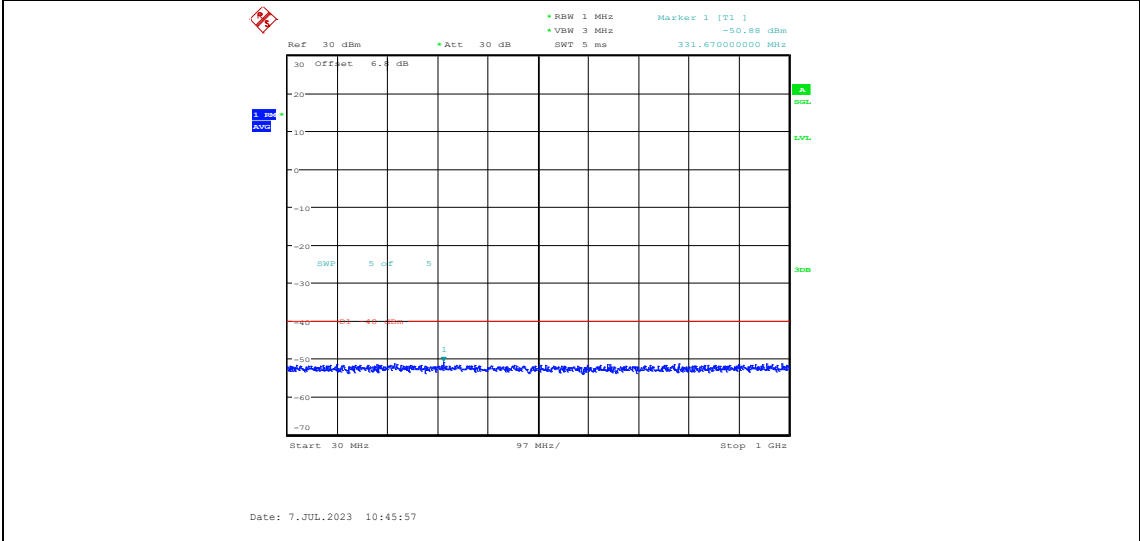
**Band40-5MHz-16QAM-38775-1RB#0-Range12:2360~2365MHz**



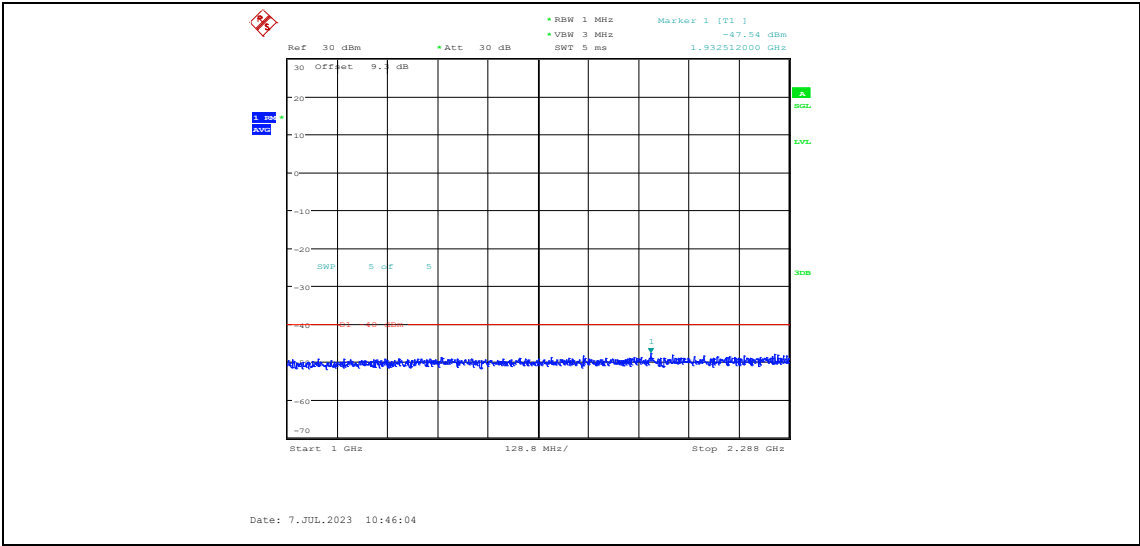
**Band40-5MHz-16QAM-38775-1RB#0-Range13:2365~26500MHz**



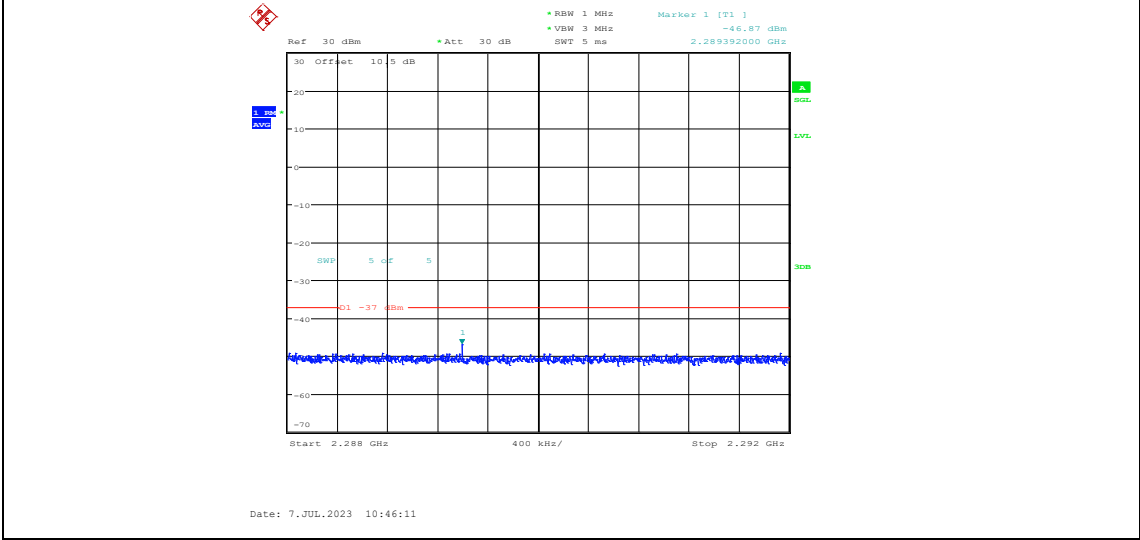
**Band40-10MHz-QPSK-38750-1RB#0-Range1:30~1000MHz**



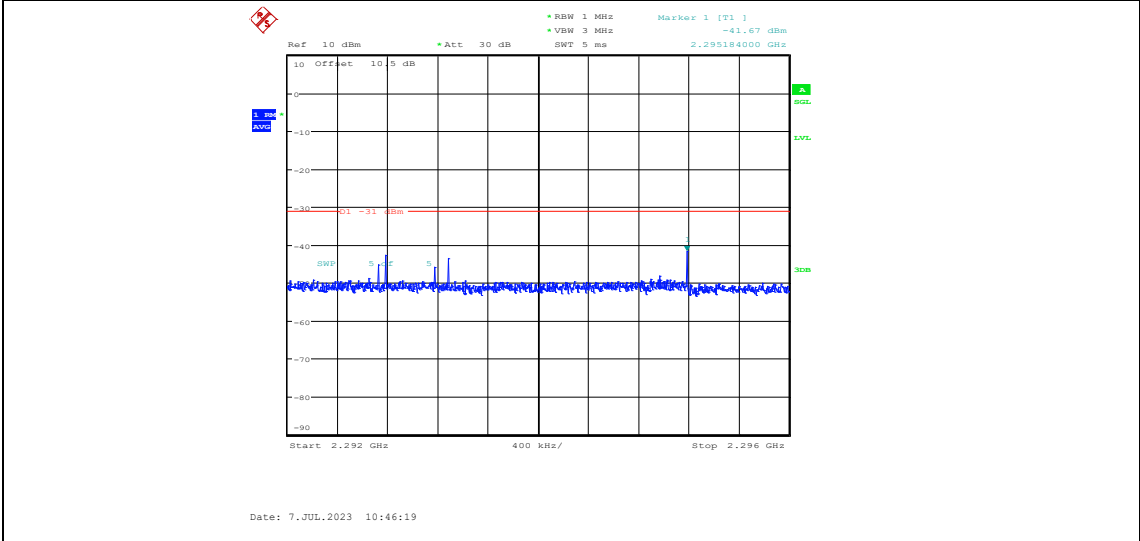
**Band40-10MHz-QPSK-38750-1RB#0-Range2:1000~2288MHz**



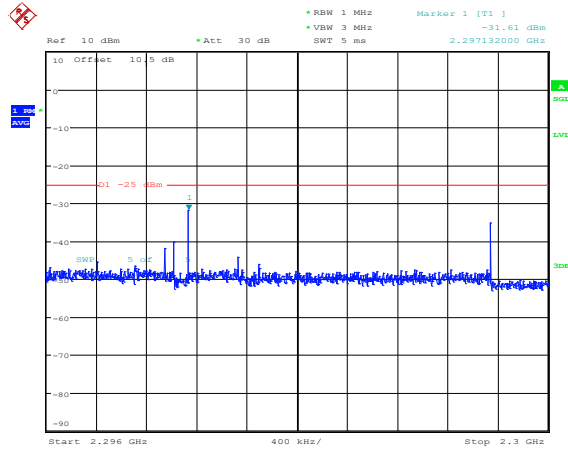
**Band40-10MHz-QPSK-38750-1RB#0-Range3:2288~2292MHz**



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

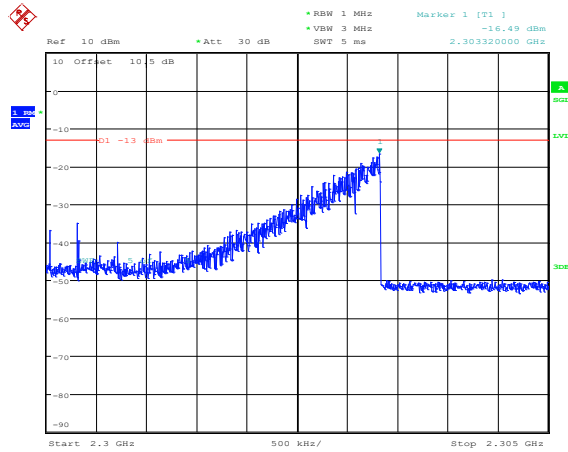


**Band40-10MHz-QPSK-38750-1RB#0-Range5:2296~2300MHz**



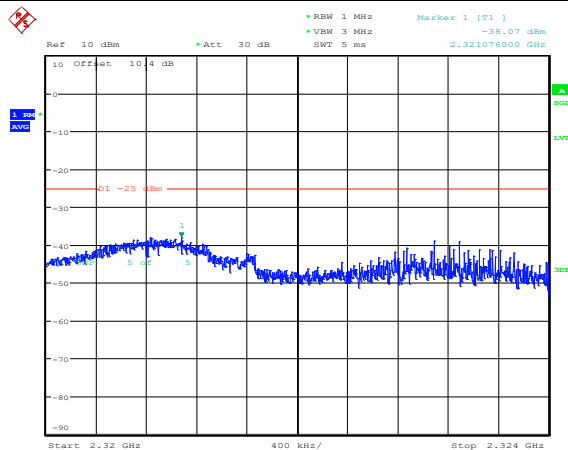
Date: 7.JUL.2023 10:46:26

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



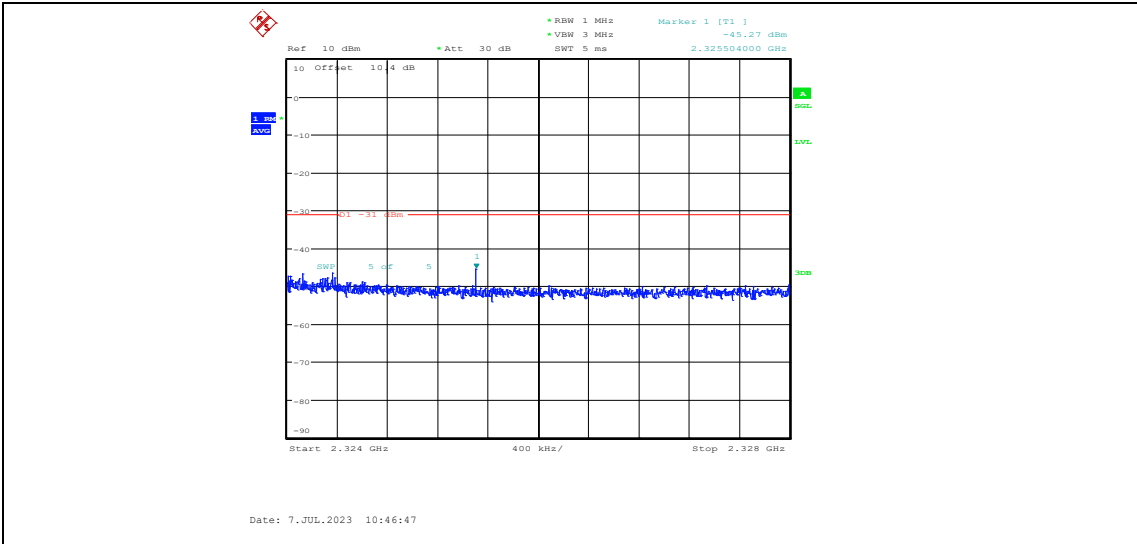
Date: 7.JUL.2023 10:46:33

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

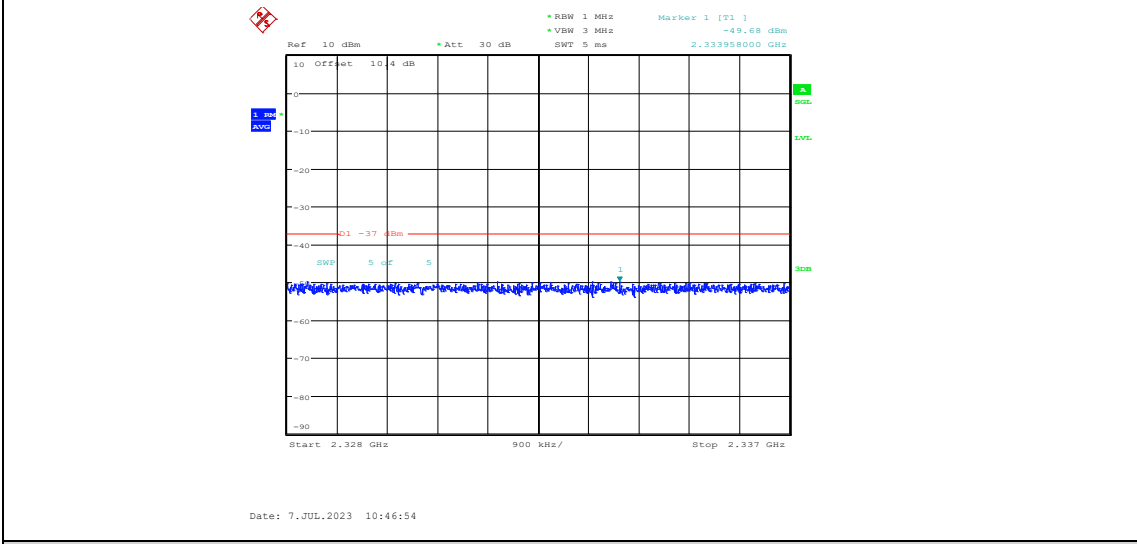


Date: 7.JUL.2023 10:46:40

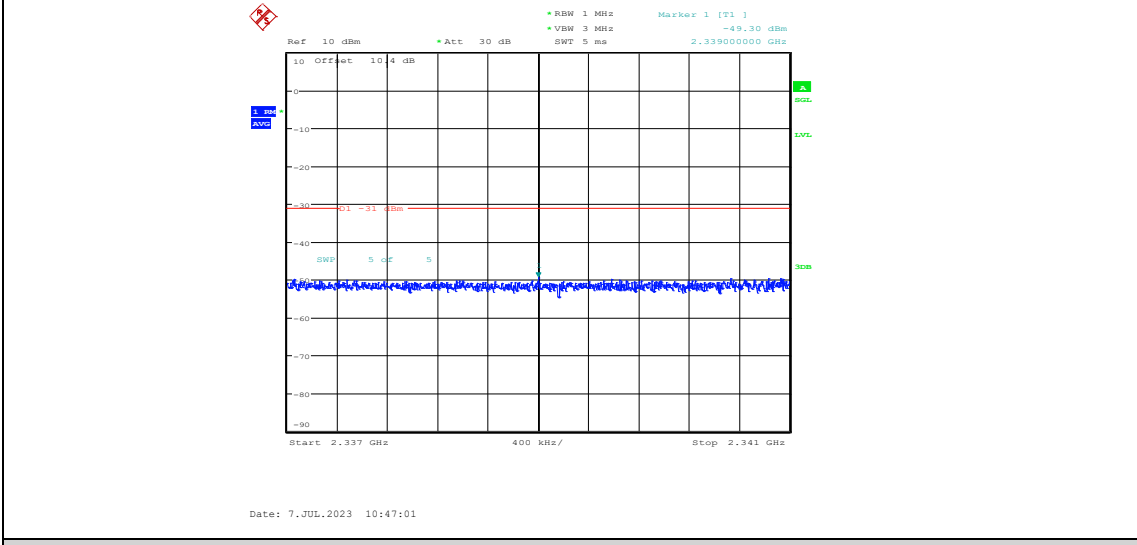
**Band40-10MHz-QPSK-38750-1RB#0-Range8:2324~2328MHz**



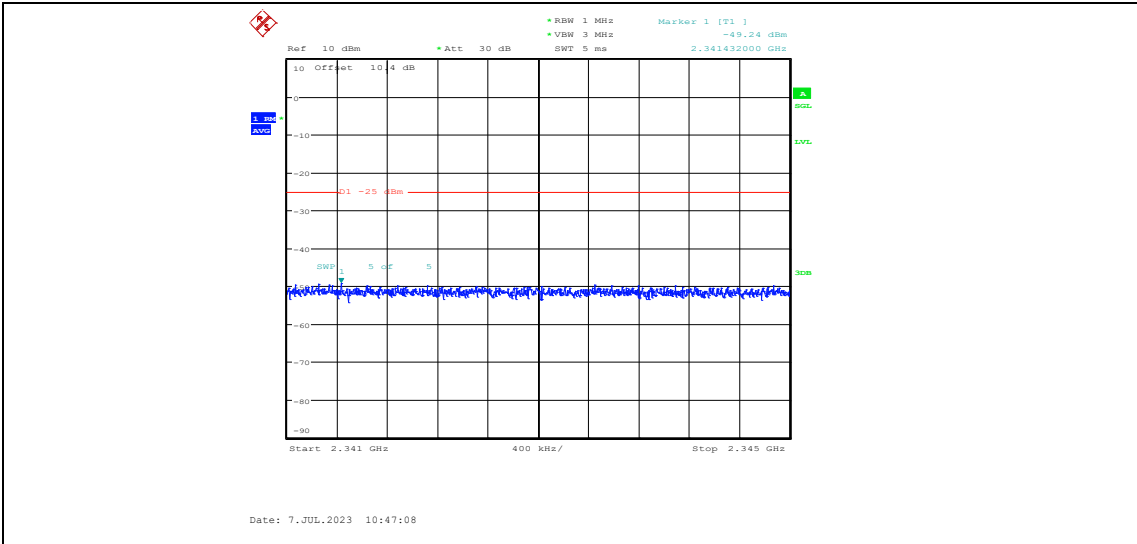
**Band40-10MHz-QPSK-38750-1RB#0-Range9:2328~2337MHz**



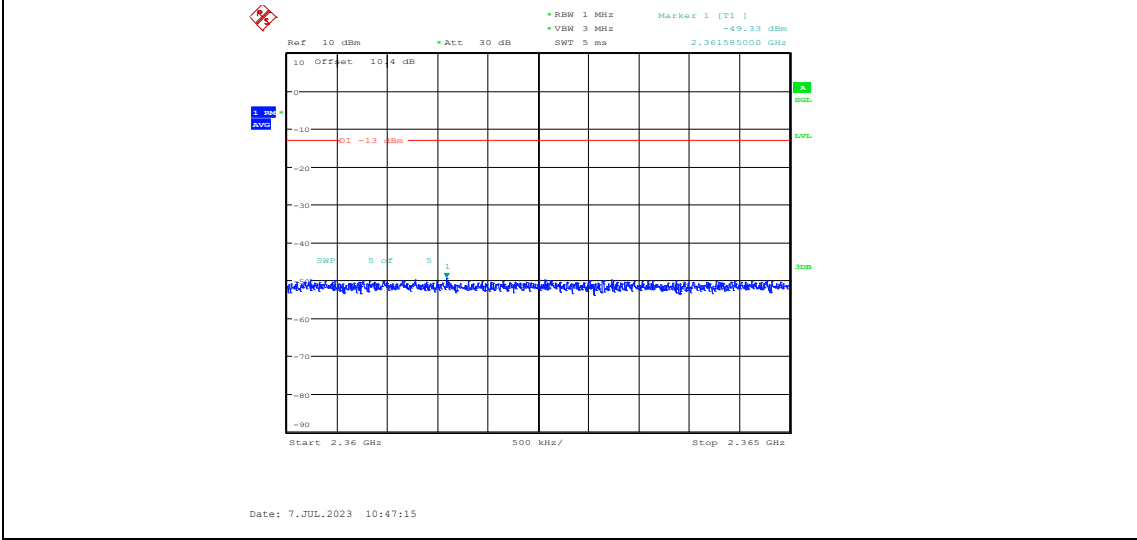
**Band40-10MHz-QPSK-38750-1RB#0-Range10:2337~2341MHz**



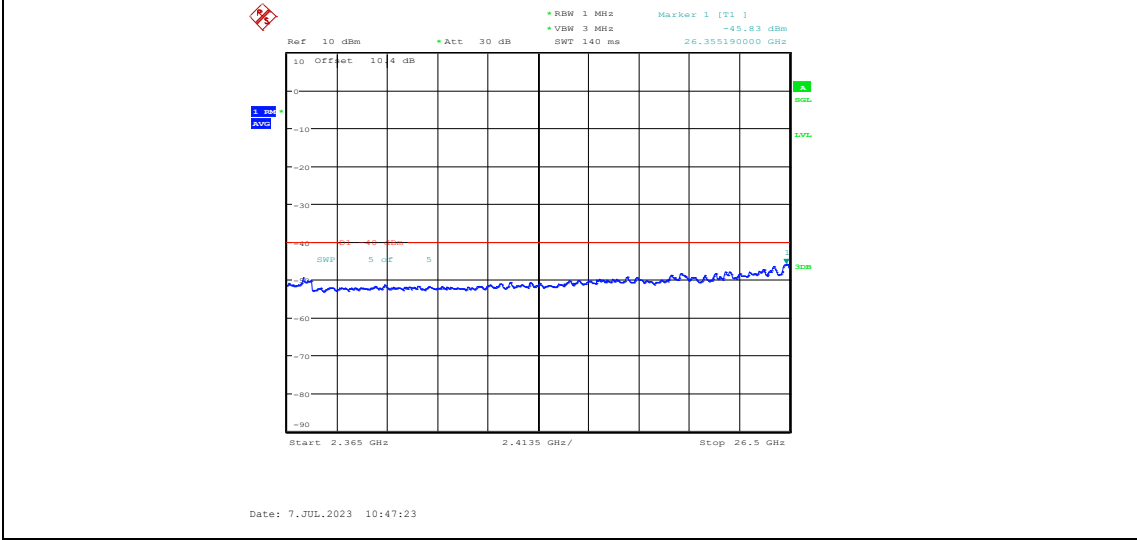
**Band40-10MHz-QPSK-38750-1RB#0-Range11:2341~2345MHz**



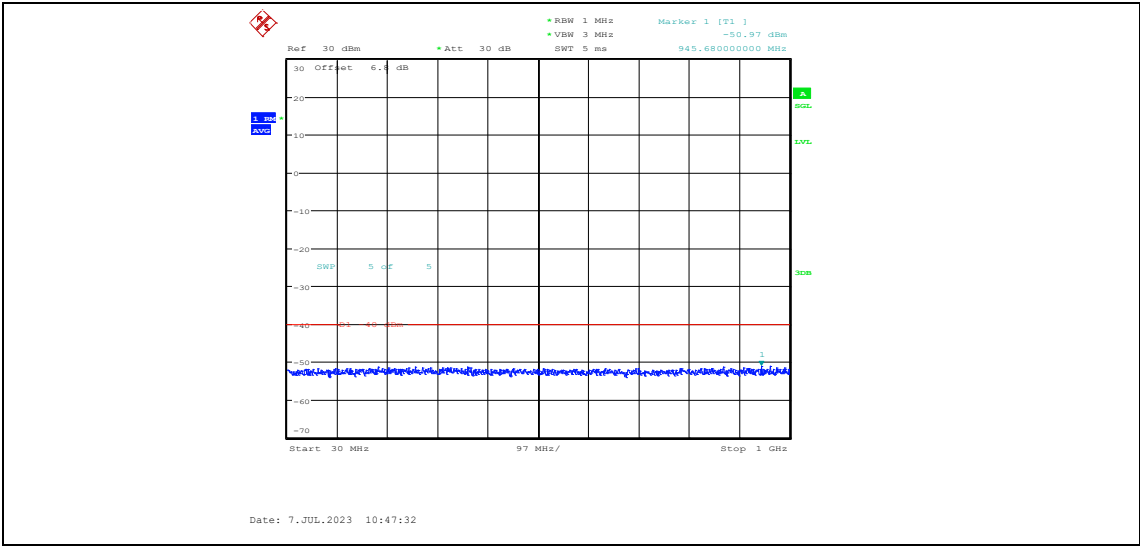
**Band40-10MHz-QPSK-38750-1RB#0-Range12:2360~2365MHz**



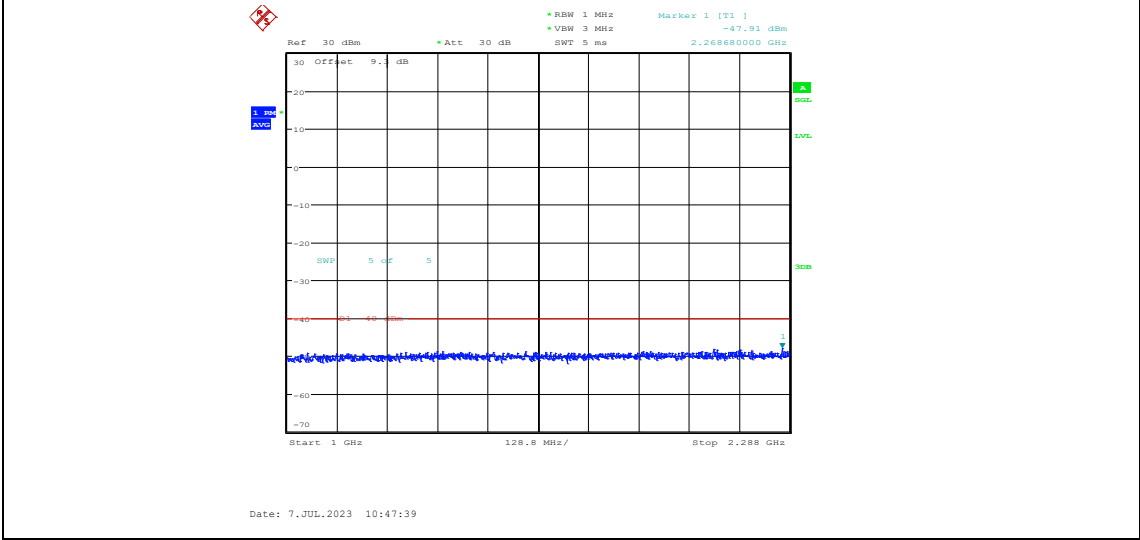
**Band40-10MHz-QPSK-38750-1RB#0-Range13:2365~26500MHz**



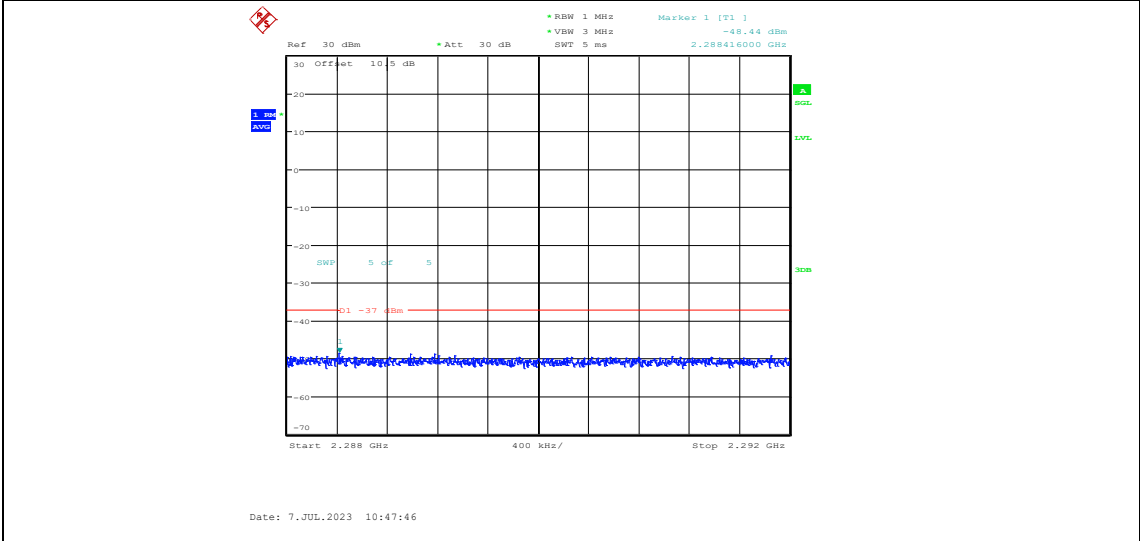
**Band40-10MHz-16QAM-38750-1RB#0-Range1:30~1000MHz**



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

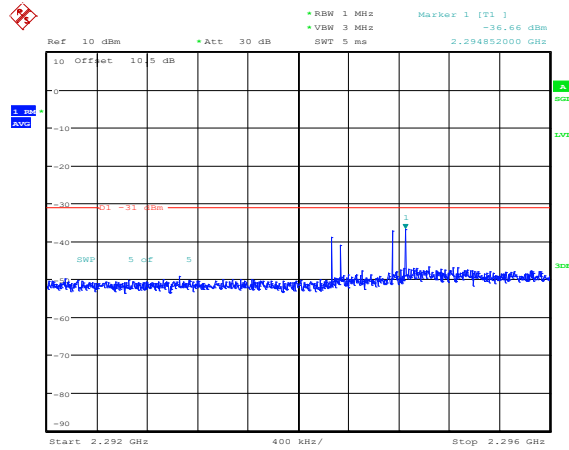


**Band40-10MHz-16QAM-38750-1RB#0-Range3:2288~2292MHz**



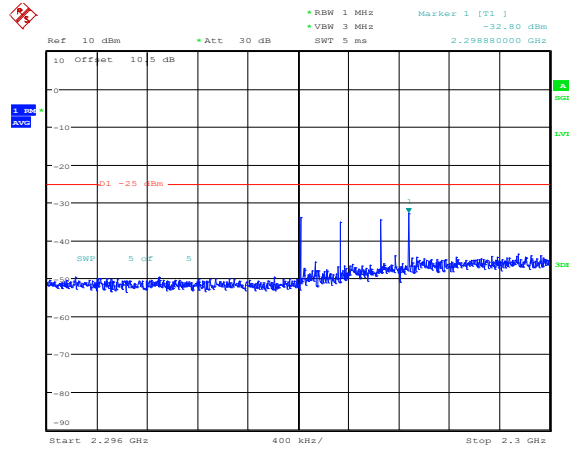
**Band40-10MHz-16QAM-38750-1RB#0-Range4:2292~2296MHz**





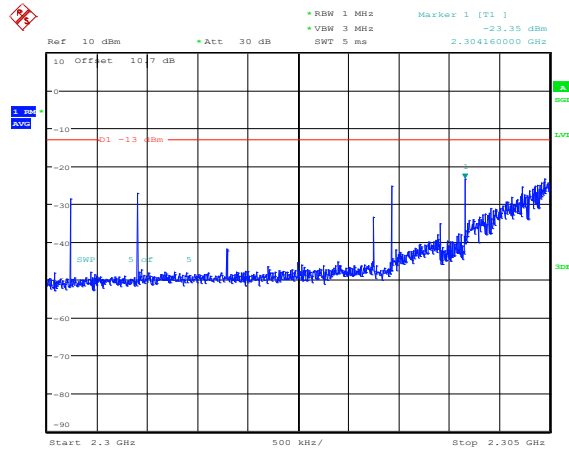
Date: 7.JUL.2023 10:47:53

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



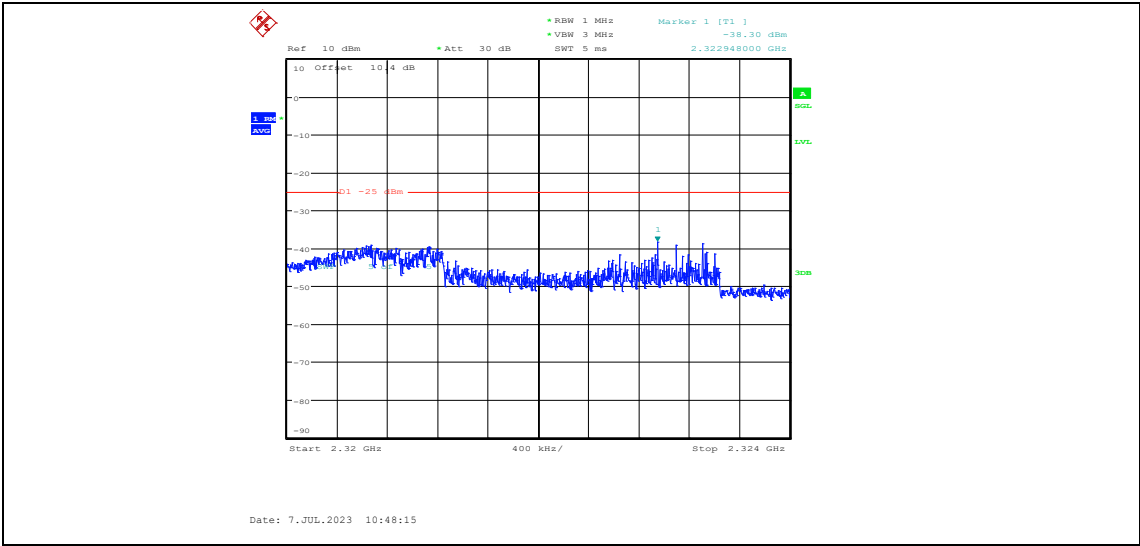
Date: 7.JUL.2023 10:48:01

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

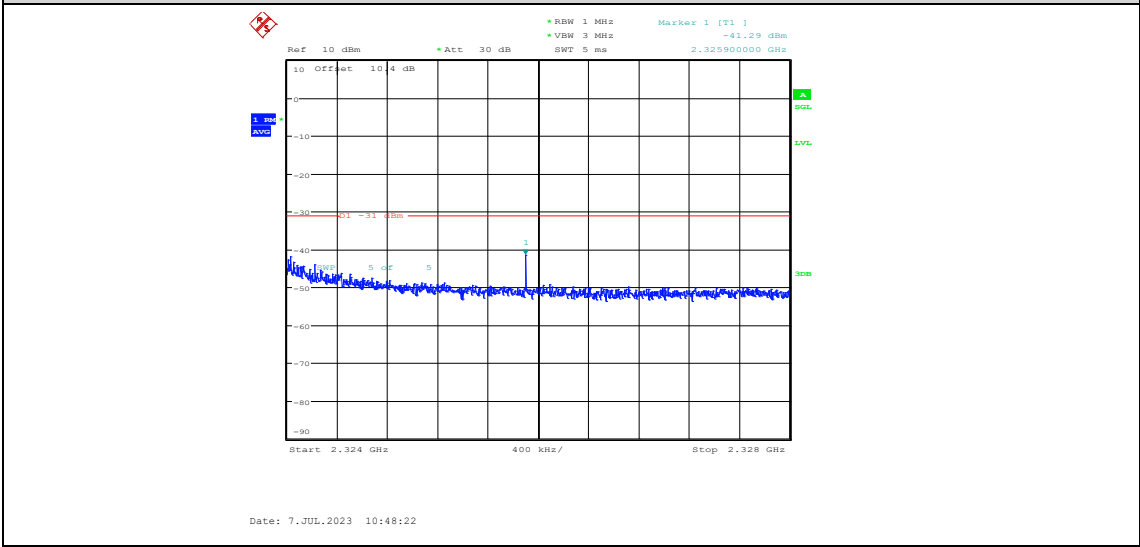


Date: 1.JUL.2023 12:54:55

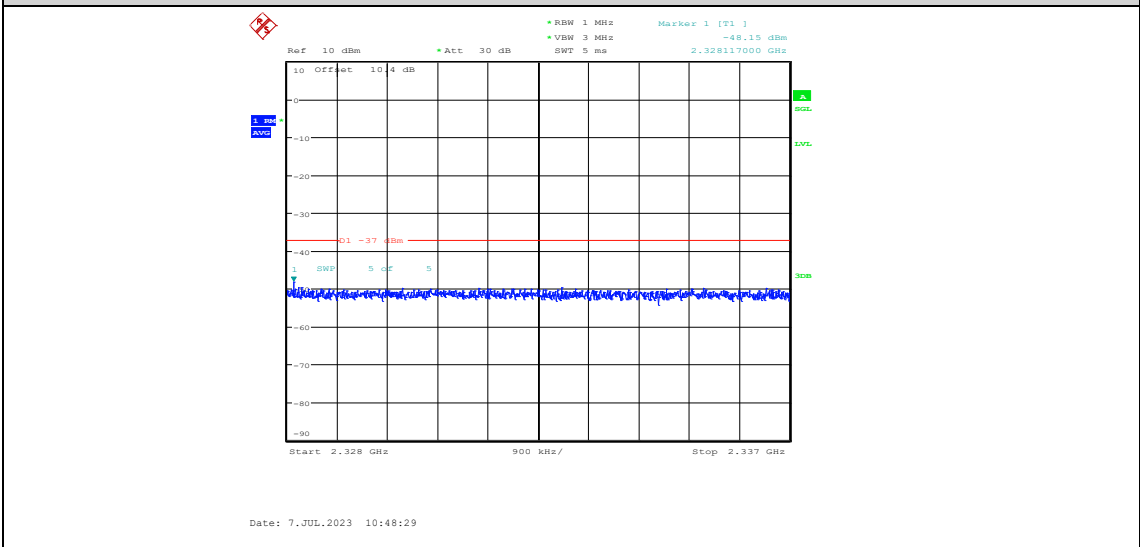
**Band40-10MHz-16QAM-38750-1RB#0-Range7:2320~2324MHz**



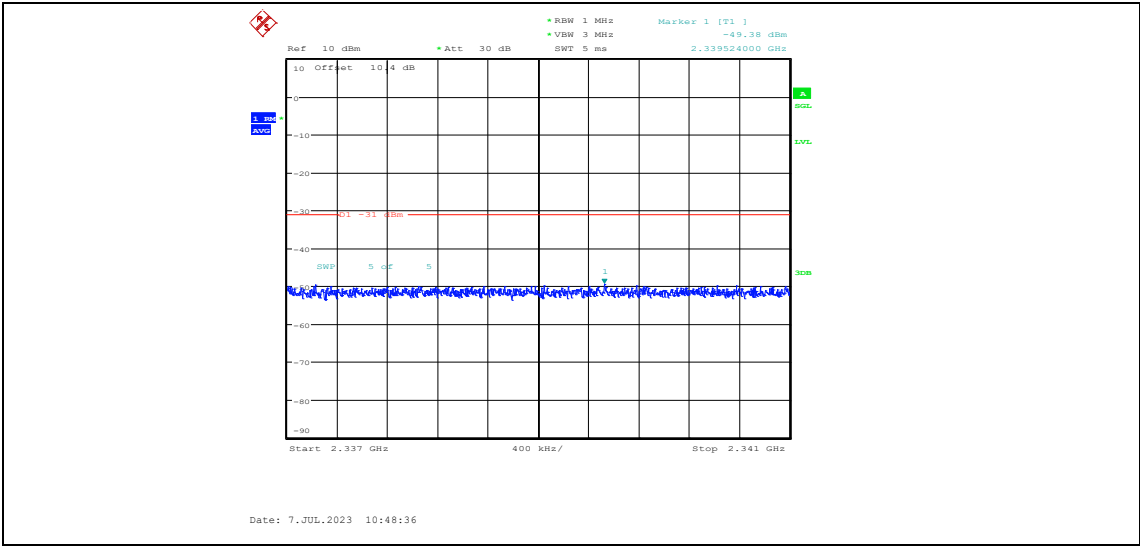
**Band40-10MHz-16QAM-38750-1RB#0-Range8:2324~2328MHz**



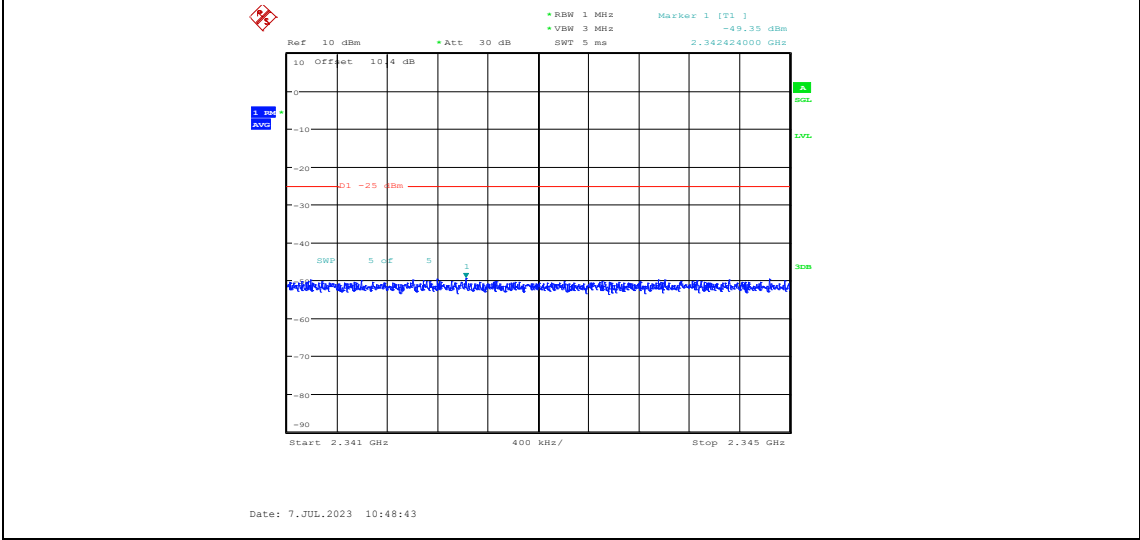
**Band40-10MHz-16QAM-38750-1RB#0-Range9:2328~2337MHz**



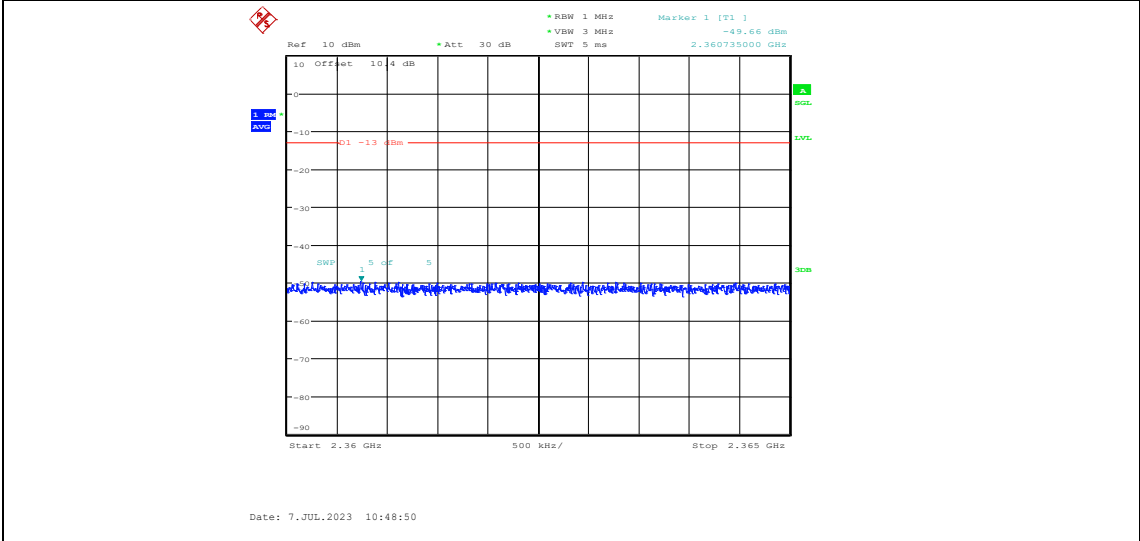
**Band40-10MHz-16QAM-38750-1RB#0-Range10:2337~2341MHz**



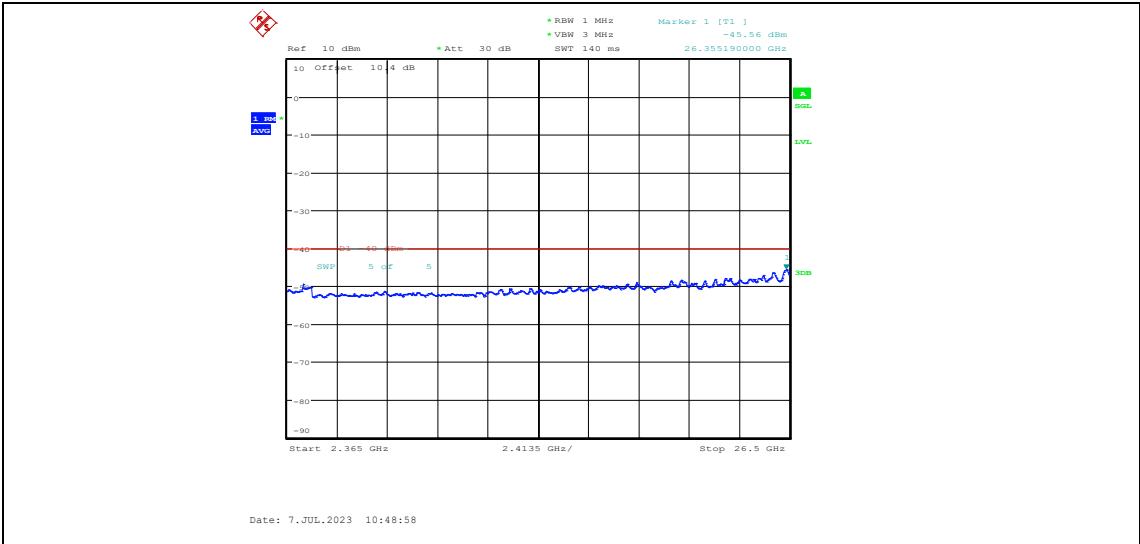
**Band40-10MHz-16QAM-38750-1RB#0-Range11:2341~2345MHz**



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



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



## Appendix F: Frequency Stability

### Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band40	5MHz	QPSK	38725	25RB#0	VL	NT	-4.02	-0.001742	±2.5	PASS
Band40	5MHz	QPSK	38725	25RB#0	VN	NT	6.57	0.002847	±2.5	PASS
Band40	5MHz	QPSK	38725	25RB#0	VH	NT	-19.31	-0.008368	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	VL	NT	-7.20	-0.003117	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	VN	NT	-11.69	-0.005061	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	VH	NT	11.22	0.004857	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	VL	NT	-12.42	-0.005371	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	VN	NT	-5.66	-0.002448	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	VH	NT	-8.67	-0.003749	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	VL	NT	-19.47	-0.008438	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	VN	NT	-19.61	-0.008498	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	VH	NT	-11.39	-0.004936	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	VL	NT	14.13	0.006117	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	VN	NT	-3.92	-0.001697	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	VH	NT	-11.36	-0.004918	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	VL	NT	-5.16	-0.002231	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	VN	NT	-4.49	-0.001942	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	VH	NT	3.23	0.001397	±2.5	PASS
Band40	10MHz	QPSK	38750	50RB#0	VL	NT	-10.03	-0.004342	±2.5	PASS
Band40	10MHz	QPSK	38750	50RB#0	VN	NT	14.65	0.006342	±2.5	PASS
Band40	10MHz	QPSK	38750	50RB#0	VH	NT	-18.42	-0.007974	±2.5	PASS
Band40	10MHz	16QAM	38750	50RB#0	VL	NT	-15.56	-0.006736	±2.5	PASS
Band40	10MHz	16QAM	38750	50RB#0	VN	NT	5.62	0.002433	±2.5	PASS
Band40	10MHz	16QAM	38750	50RB#0	VH	NT	-18.15	-0.007857	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band40	5MHz	QPSK	38725	25RB#0	NV	-30	8.28	0.003588	±2.5	PASS
Band40	5MHz	QPSK	38725	25RB#0	NV	-20	-12.03	-0.005213	±2.5	PASS
Band40	5MHz	QPSK	38725	25RB#0	NV	0	-10.84	-0.004698	±2.5	PASS
Band40	5MHz	QPSK	38725	25RB#0	NV	10	-20.70	-0.008971	±2.5	PASS
Band40	5MHz	QPSK	38725	25RB#0	NV	20	-8.55	-0.003705	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	NV	-30	-16.41	-0.007104	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	NV	-20	-6.51	-0.002818	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	NV	0	-11.57	-0.005009	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	NV	10	-3.60	-0.001558	±2.5	PASS
Band40	5MHz	QPSK	38750	25RB#0	NV	20	5.18	0.002242	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	NV	-30	13.40	0.005795	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	NV	-20	-19.63	-0.008489	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	NV	0	9.73	0.004208	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	NV	10	-9.44	-0.004082	±2.5	PASS
Band40	5MHz	QPSK	38775	25RB#0	NV	20	-15.92	-0.006884	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	NV	-30	2.47	0.001070	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	NV	-20	3.29	0.001426	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	NV	0	-16.35	-0.007086	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	NV	10	6.49	0.002813	±2.5	PASS
Band40	5MHz	16QAM	38725	25RB#0	NV	20	3.42	0.001482	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	NV	-30	-13.50	-0.005844	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	NV	-20	14.10	0.006104	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	NV	0	12.10	0.005238	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	NV	10	-10.67	-0.004619	±2.5	PASS
Band40	5MHz	16QAM	38750	25RB#0	NV	20	-10.13	-0.004385	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	NV	-30	-8.41	-0.003637	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	NV	-20	6.94	0.003001	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	NV	0	-11.82	-0.005111	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	NV	10	-14.46	-0.006253	±2.5	PASS
Band40	5MHz	16QAM	38775	25RB#0	NV	20	6.12	0.002646	±2.5	PASS
Band40	10MHz	QPSK	38750	50RB#0	NV	-30	10.26	0.004442	±2.5	PASS
Band40	10MHz	QPSK	38750	50RB#0	NV	-20	-14.93	-0.006463	±2.5	PASS
Band40	10MHz	QPSK	38750	50RB#0	NV	0	14.93	0.006463	±2.5	PASS
Band40	10MHz	QPSK	38750	50RB#0	NV	10	18.37	0.007952	±2.5	PASS
Band40	10MHz	QPSK	38750	50RB#0	NV	20	-12.22	-0.005290	±2.5	PASS
Band40	10MHz	16QAM	38750	50RB#0	NV	-30	-14.06	-0.006087	±2.5	PASS
Band40	10MHz	16QAM	38750	50RB#0	NV	-20	-17.54	-0.007593	±2.5	PASS
Band40	10MHz	16QAM	38750	50RB#0	NV	0	-12.97	-0.005615	±2.5	PASS

Band40	10MHz	16QAM	38750	50RB#0	NV	10	-3.42	-0.001481	±2.5	PASS
Band40	10MHz	16QAM	38750	50RB#0	NV	20	-15.71	-0.006801	±2.5	PASS