Appendix for Band 40(2305-2315MHz)

Product Name: Tablet
Model No: MDT865

Appendix A: Average Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band40	5MHz	QPSK	38725	1RB#0	23.31	PASS
Band40	5MHz	QPSK	38725	1RB#12	23.42	PASS
Band40	5MHz	QPSK	38725	1RB#24	23.33	PASS
Band40	5MHz	QPSK	38725	12RB#0	22.35	PASS
Band40	5MHz	QPSK	38725	12RB#6	22.34	PASS
Band40	5MHz	QPSK	38725	12RB#13	22.22	PASS
Band40	5MHz	QPSK	38725	25RB#0	22.22	PASS
Band40	5MHz	QPSK	38750	1RB#0	23.16	PASS
Band40	5MHz	QPSK	38750	1RB#12	23.35	PASS
Band40	5MHz	QPSK	38750	1RB#24	23.16	PASS
Band40	5MHz	QPSK	38750	12RB#0	22.31	PASS
Band40	5MHz	QPSK	38750	12RB#6	22.35	PASS
Band40	5MHz	QPSK	38750	12RB#13	22.26	PASS
Band40	5MHz	QPSK	38750	25RB#0	22.22	PASS
Band40	5MHz	QPSK	38775	1RB#0	23.43	PASS
Band40	5MHz	QPSK	38775	1RB#12	23.44	PASS
Band40	5MHz	QPSK	38775	1RB#24	23.35	PASS
Band40	5MHz	QPSK	38775	12RB#0	22.36	PASS
Band40	5MHz	QPSK	38775	12RB#6	22.37	PASS
Band40	5MHz	QPSK	38775	12RB#13	22.25	PASS
Band40	5MHz	QPSK	38775	25RB#0	22.22	PASS
Band40	5MHz	16QAM	38725	1RB#0	22.53	PASS
Band40	5MHz	16QAM	38725	1RB#12	22.66	PASS
Band40	5MHz	16QAM	38725	1RB#24	22.54	PASS
Band40	5MHz	16QAM	38725	12RB#0	21.25	PASS
Band40	5MHz	16QAM	38725	12RB#6	21.26	PASS
Band40	5MHz	16QAM	38725	12RB#13	21.17	PASS
Band40	5MHz	16QAM	38725	25RB#0	21.21	PASS
Band40	5MHz	16QAM	38750	1RB#0	22.40	PASS
Band40	5MHz	16QAM	38750	1RB#12	22.62	PASS
Band40	5MHz	16QAM	38750	1RB#24	22.43	PASS

Band40	5MHz	16QAM	38750	12RB#0	21.24	PASS
Band40	5MHz	16QAM	38750	12RB#6	21.22	PASS
Band40	5MHz	16QAM	38750	12RB#13	21.23	PASS
Band40	5MHz	16QAM	38750	25RB#0	21.24	PASS
Band40	5MHz	16QAM	38775	1RB#0	22.35	PASS
Band40	5MHz	16QAM	38775	1RB#12	22.42	PASS
Band40	5MHz	16QAM	38775	1RB#24	22.33	PASS
Band40	5MHz	16QAM	38775	12RB#0	21.26	PASS
Band40	5MHz	16QAM	38775	12RB#6	21.27	PASS
Band40	5MHz	16QAM	38775	12RB#13	21.18	PASS
Band40	5MHz	16QAM	38775	25RB#0	21.26	PASS
Band40	10MHz	QPSK	38750	1RB#0	23.43	PASS
Band40	10MHz	QPSK	38750	1RB#24	23.51	PASS
Band40	10MHz	QPSK	38750	1RB#49	23.32	PASS
Band40	10MHz	QPSK	38750	25RB#0	22.31	PASS
Band40	10MHz	QPSK	38750	25RB#12	22.32	PASS
Band40	10MHz	QPSK	38750	25RB#25	22.23	PASS
Band40	10MHz	QPSK	38750	50RB#0	22.31	PASS
Band40	10MHz	16QAM	38750	1RB#0	22.42	PASS
Band40	10MHz	16QAM	38750	1RB#24	22.63	PASS
Band40	10MHz	16QAM	38750	1RB#49	22.42	PASS
Band40	10MHz	16QAM	38750	25RB#0	21.43	PASS
Band40	10MHz	16QAM	38750	25RB#12	21.31	PASS
Band40	10MHz	16QAM	38750	25RB#25	21.22	PASS
Band40	10MHz	16QAM	38750	50RB#0	21.23	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	4.51	13	PASS
Band40	5MHz	QPSK	38725	25RB#0	4.55	13	PASS
Band40	5MHz	QPSK	38750	1RB#0	4.14	13	PASS
Band40	5MHz	QPSK	38750	25RB#0	4.62	13	PASS
Band40	5MHz	QPSK	38775	1RB#0	4.29	13	PASS
Band40	5MHz	QPSK	38775	25RB#0	4.70	13	PASS
Band40	5MHz	16QAM	38725	1RB#0	5.16	13	PASS
Band40	5MHz	16QAM	38725	25RB#0	5.32	13	PASS
Band40	5MHz	16QAM	38750	1RB#0	5.36	13	PASS
Band40	5MHz	16QAM	38750	25RB#0	6.67	13	PASS
Band40	5MHz	16QAM	38775	1RB#0	4.79	13	PASS
Band40	5MHz	16QAM	38775	25RB#0	5.36	13	PASS
Band40	10MHz	QPSK	38750	1RB#0	4.26	13	PASS
Band40	10MHz	QPSK	38750	50RB#0	4.62	13	PASS
Band40	10MHz	16QAM	38750	1RB#0	4.83	13	PASS
Band40	10MHz	16QAM	38750	50RB#0	5.38	13	PASS

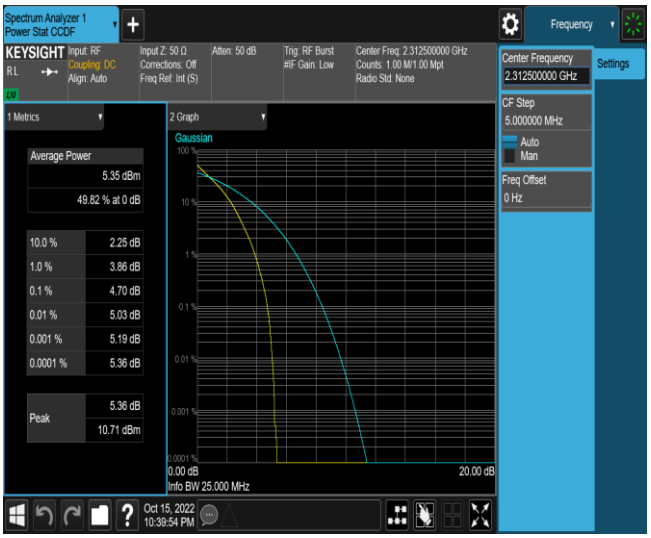
Test Graphs

Band40-5MHz-QPSK-38725-1RB#0
Band40-5MHz-QPSK-38725-25RB#0
Band40-5MHz-QPSK-38750-1RB#0

Band40-5MHz-QPSK-38750-25RB#0

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

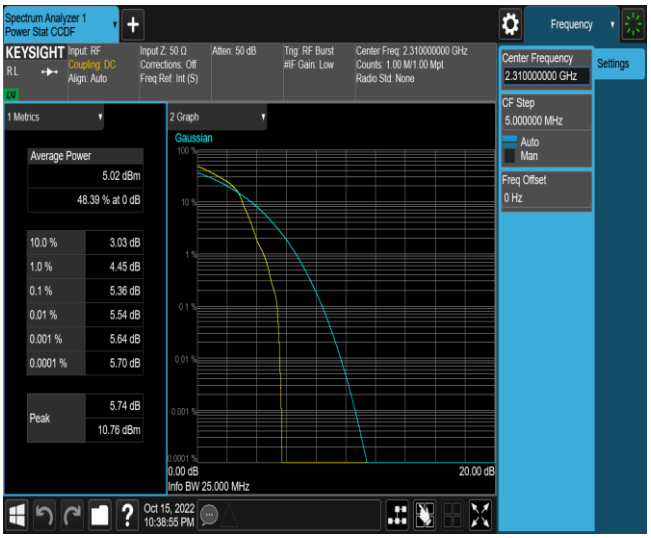
Band40-5MHz-QPSK-38775-25RB#0



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

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

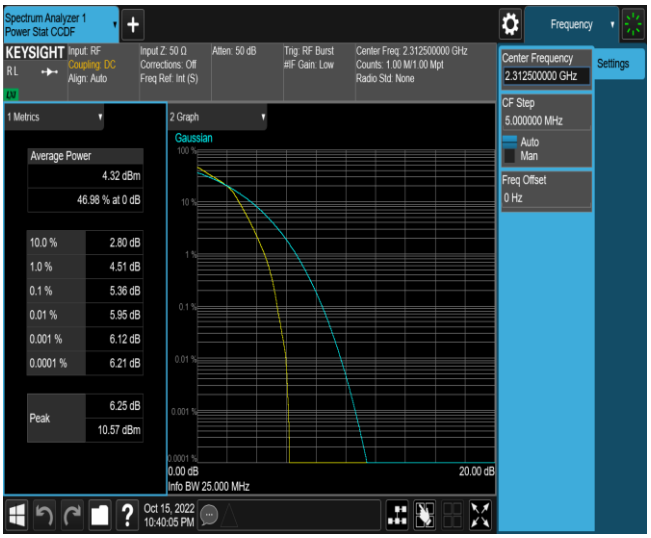
Band40-5MHz-16QAM-38750-1RB#0



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

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

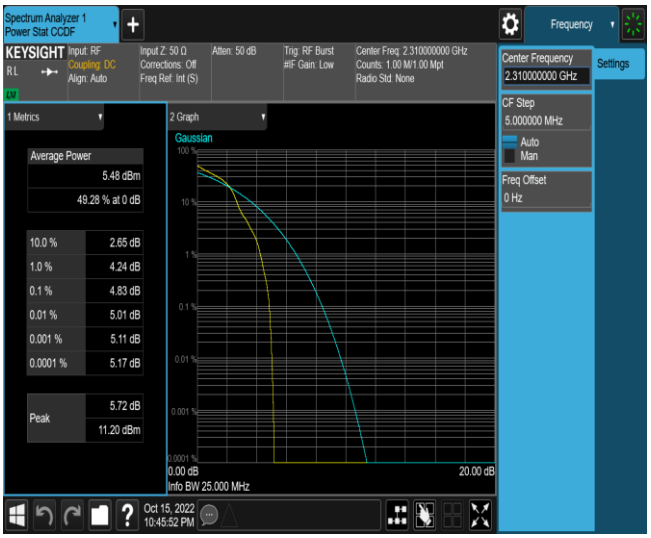
Band40-5MHz-16QAM-38775-25RB#0



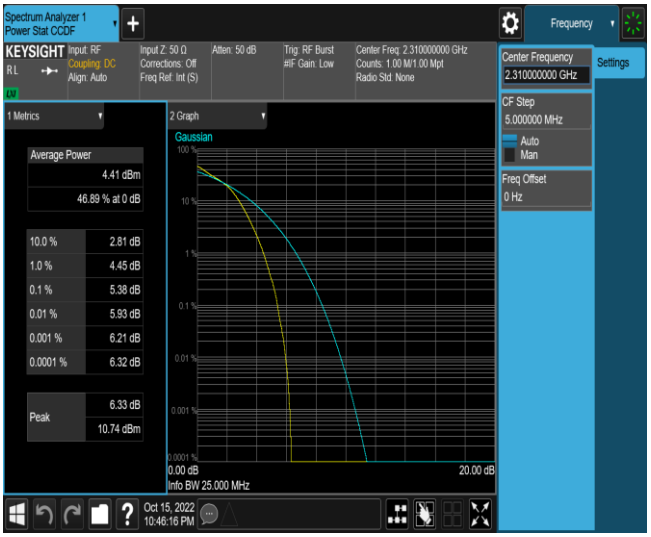
Band40-10MHz-QPSK-38750-1RB#0

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

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



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

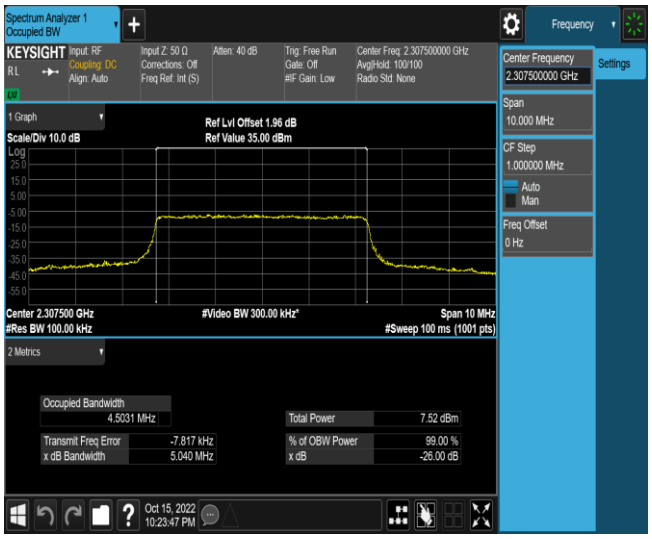
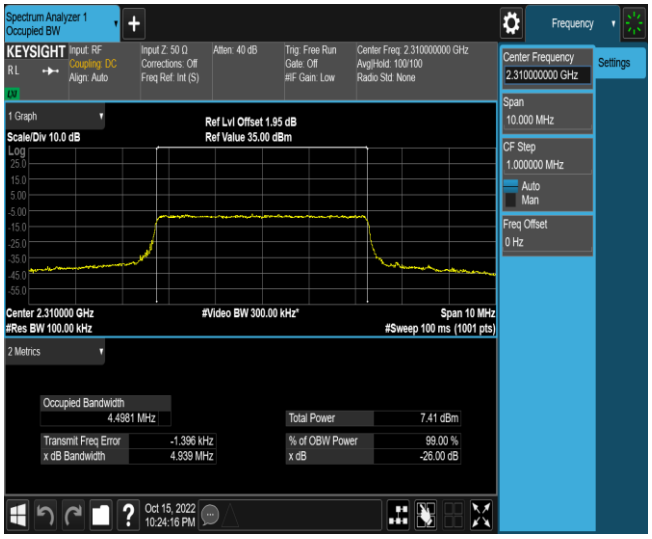


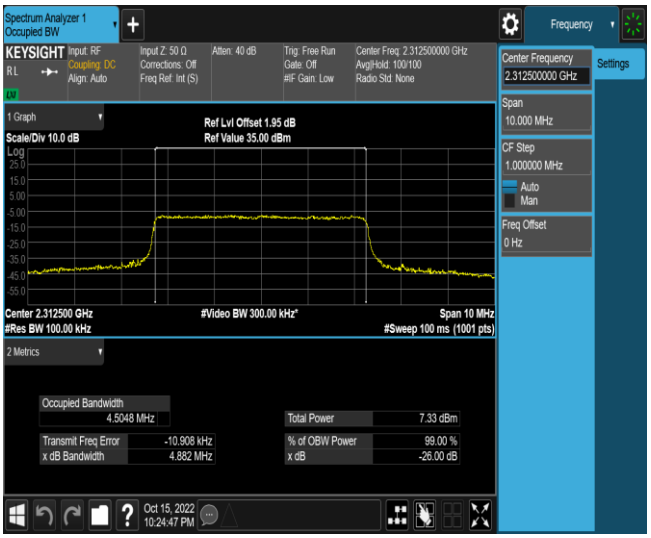
Appendix C: 26dB Bandwidth and Occupied Bandwidth

Test Result

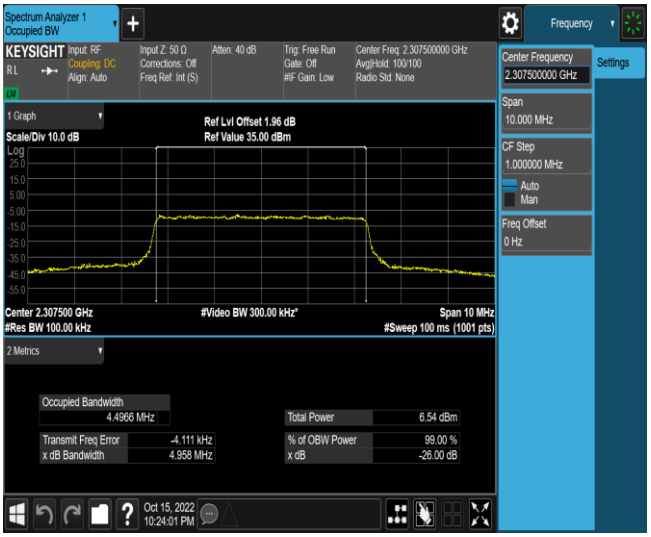
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band40	5MHz	QPSK	38725	25RB#0	4.5031	5.040	PASS
Band40	5MHz	QPSK	38750	25RB#0	4.4981	4.939	PASS
Band40	5MHz	QPSK	38775	25RB#0	4.5048	4.882	PASS
Band40	5MHz	16QAM	38725	25RB#0	4.4966	4.958	PASS
Band40	5MHz	16QAM	38750	25RB#0	4.5065	4.978	PASS
Band40	5MHz	16QAM	38775	25RB#0	4.5062	4.971	PASS
Band40	10MHz	QPSK	38750	50RB#0	8.9731	9.577	PASS
Band40	10MHz	16QAM	38750	50RB#0	8.9765	9.540	PASS

Test Graphs

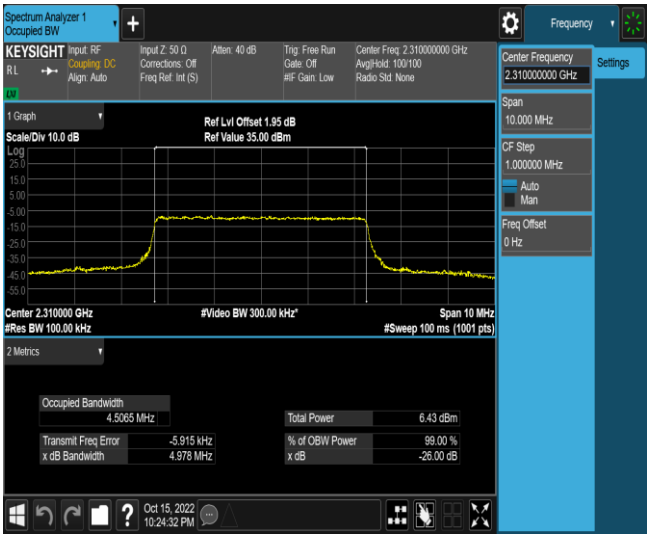
Band40-5MHz-QPSK-38725-25RB#0

Band40-5MHz-QPSK-38750-25RB#0

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



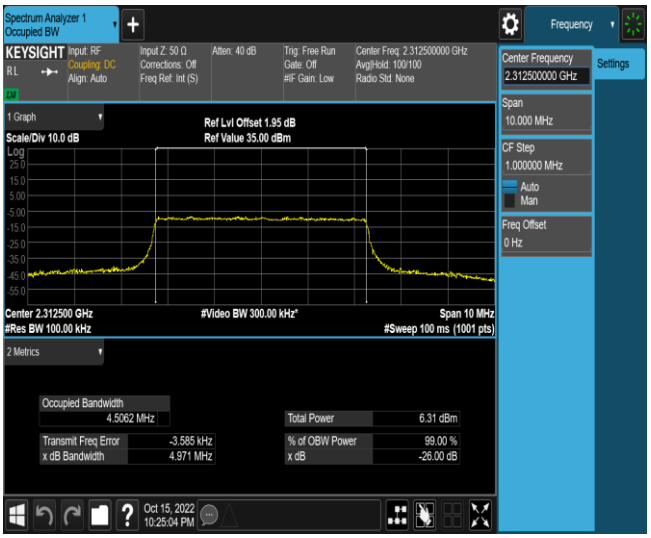
Band40-5MHz-16QAM-38725-25RB#0



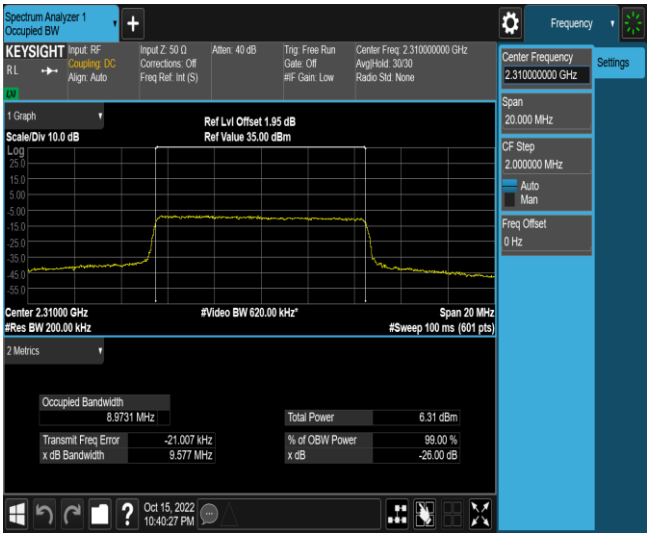
Band40-5MHz-16QAM-38750-25RB#0



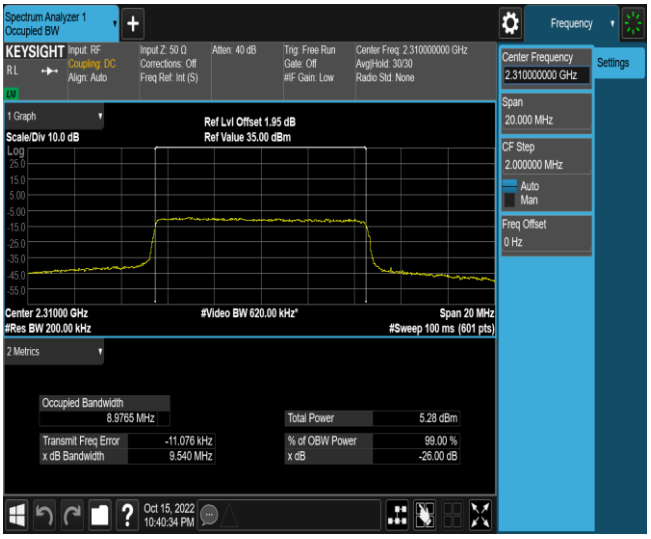
Band40-5MHz-16QAM-38775-25RB#0



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



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

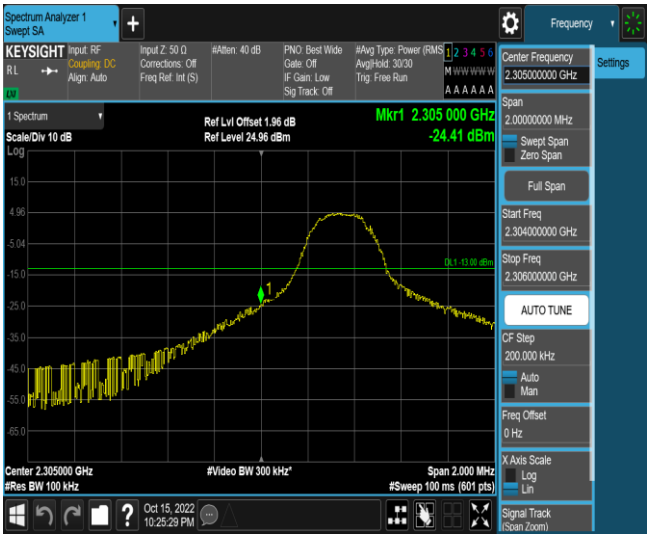
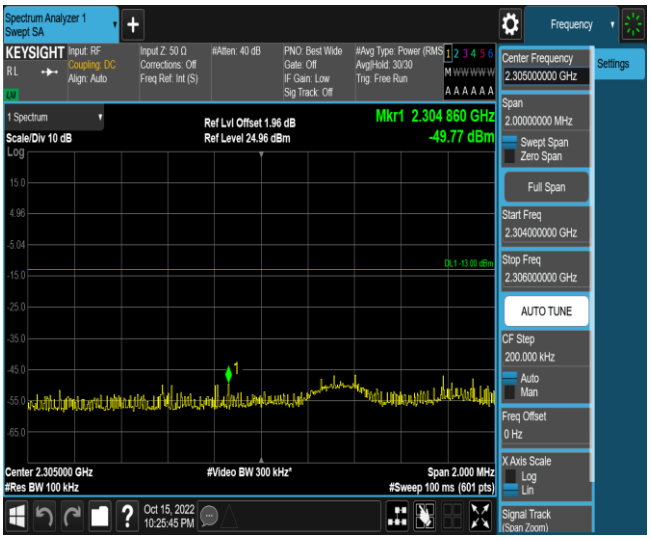


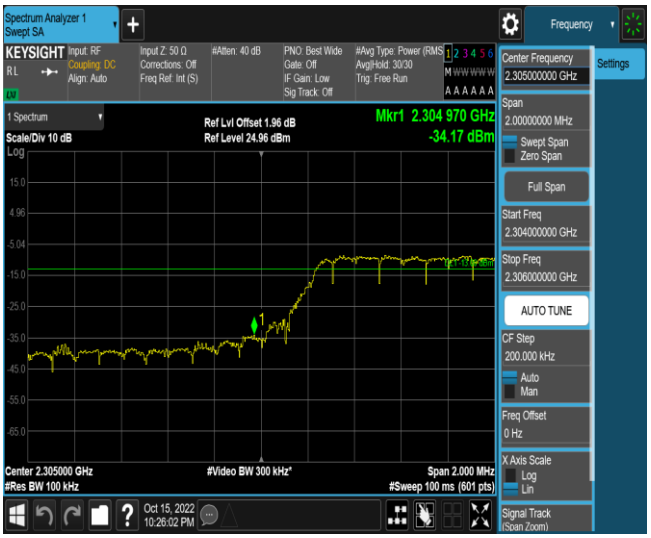
Appendix D: Band Edge

Test Result

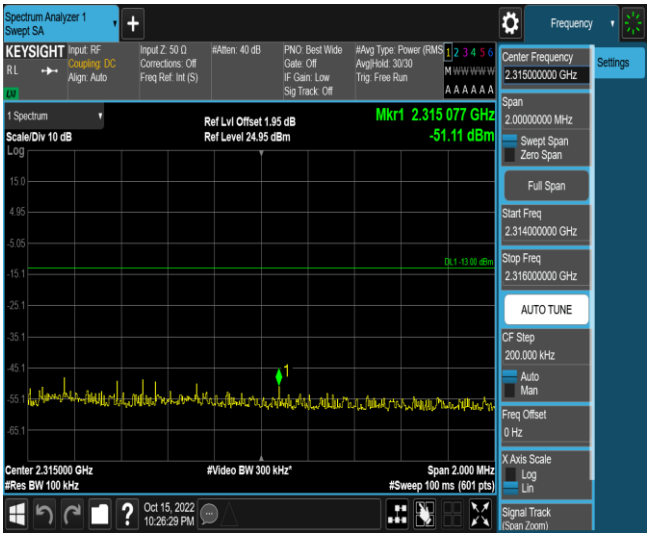
Band	Bandwidth	Modulation	Channel	RB Configuration	Verdict
Band40	5MHz	QPSK	38725	1RB#0	PASS
Band40	5MHz	QPSK	38725	1RB#24	PASS
Band40	5MHz	QPSK	38725	25RB#0	PASS
Band40	5MHz	QPSK	38775	1RB#0	PASS
Band40	5MHz	QPSK	38775	1RB#24	PASS
Band40	5MHz	QPSK	38775	25RB#0	PASS
Band40	5MHz	16QAM	38725	1RB#0	PASS
Band40	5MHz	16QAM	38725	1RB#24	PASS
Band40	5MHz	16QAM	38725	25RB#0	PASS
Band40	5MHz	16QAM	38775	1RB#0	PASS
Band40	5MHz	16QAM	38775	1RB#24	PASS
Band40	5MHz	16QAM	38775	25RB#0	PASS
Band40	10MHz	QPSK	38750	1RB#0	PASS
Band40	10MHz	QPSK	38750	1RB#49	PASS
Band40	10MHz	QPSK	38750	50RB#0	PASS
Band40	10MHz	16QAM	38750	1RB#0	PASS
Band40	10MHz	16QAM	38750	1RB#49	PASS
Band40	10MHz	16QAM	38750	50RB#0	PASS

Test Graphs

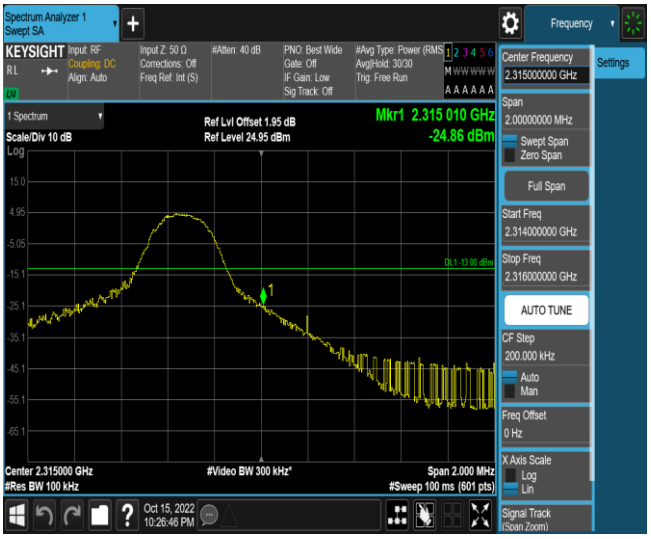
Band40-5MHz-QPSK-38725-1RB#0

Band40-5MHz-QPSK-38725-1RB#24

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



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

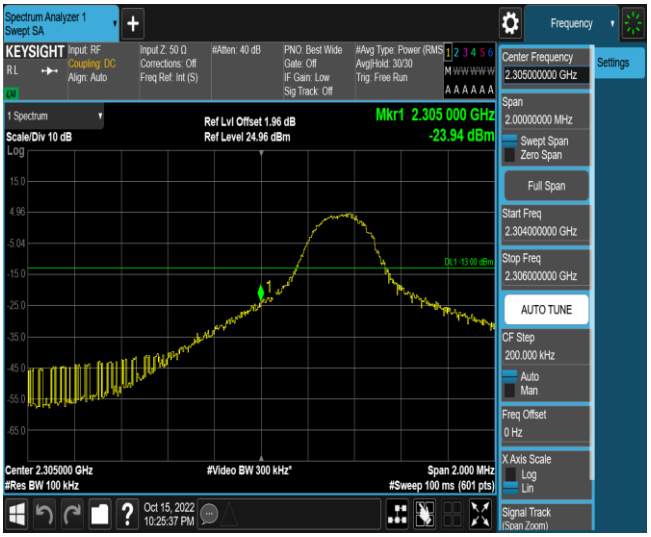


Band40-5MHz-QPSK-38775-1RB#24

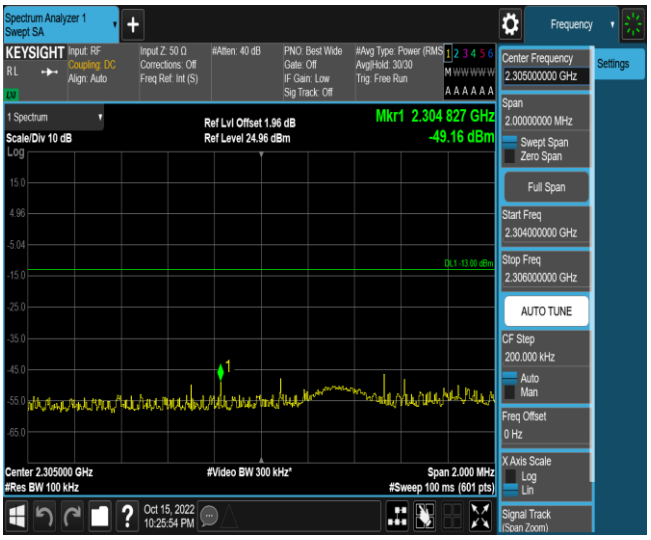


Band40-5MHz-QPSK-38775-25RB#0

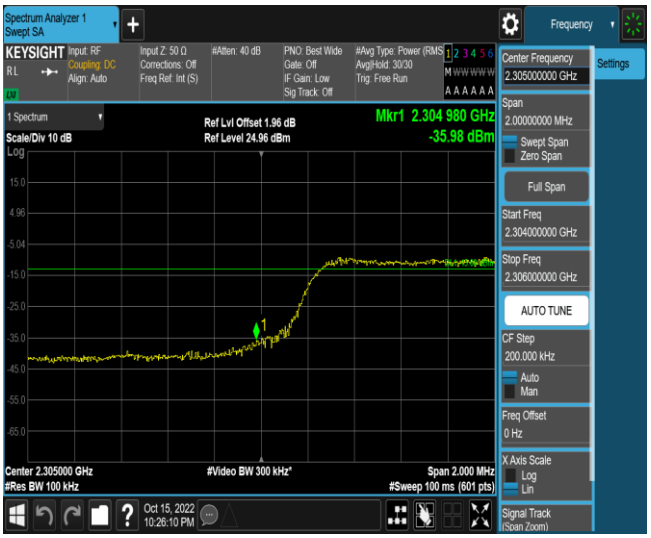
Band40-5MHz-16QAM-38725-1RB#0



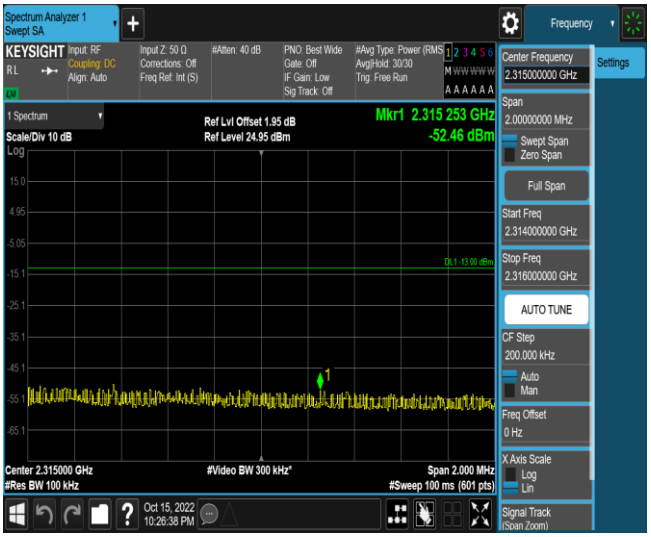
Band40-5MHz-16QAM-38725-1RB#24



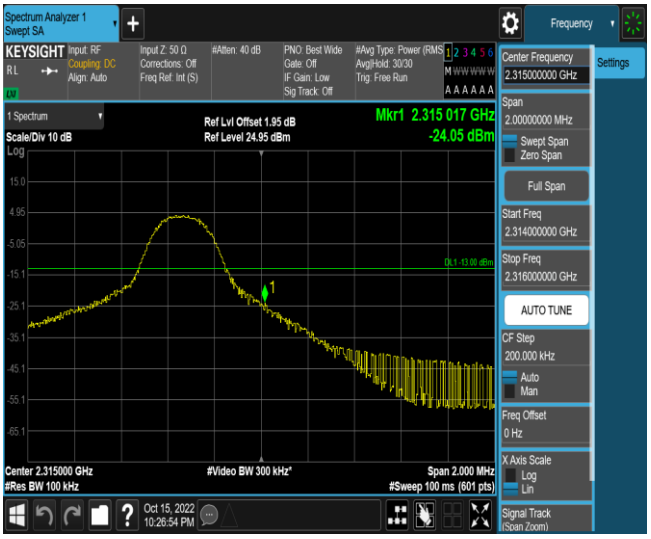
Band40-5MHz-16QAM-38725-25RB#0



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

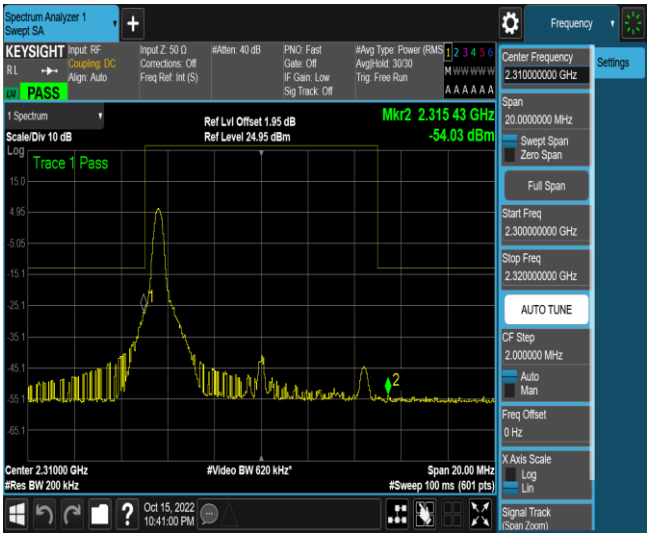


Band40-5MHz-16QAM-38775-1RB#24

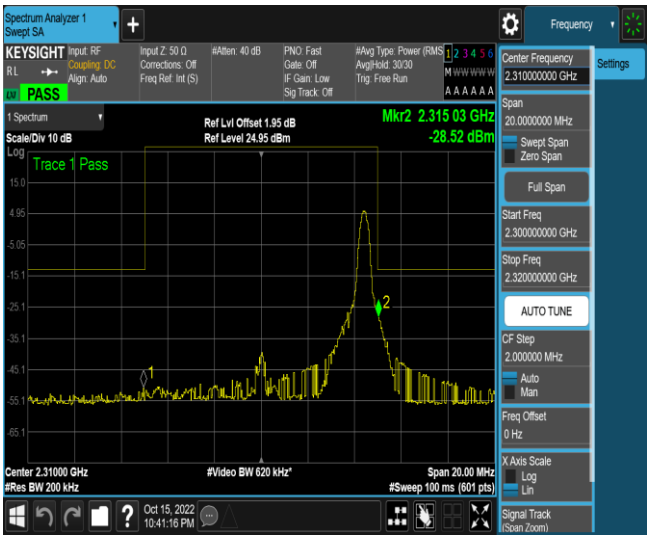


Band40-5MHz-16QAM-38775-25RB#0

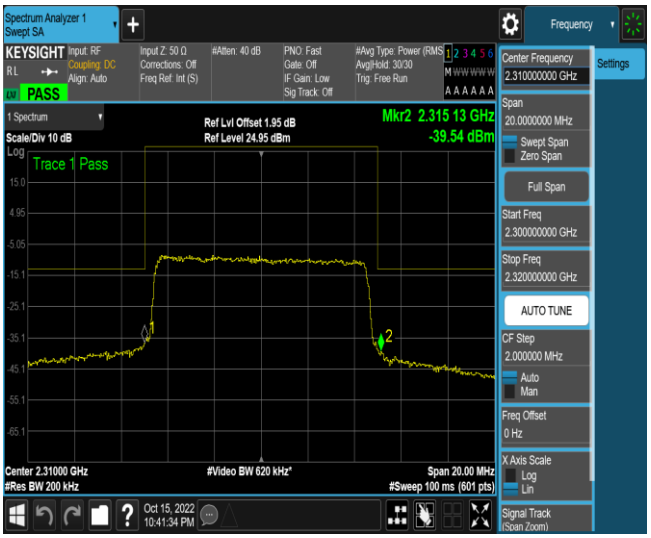
Band40-10MHz-QPSK-38750-1RB#0



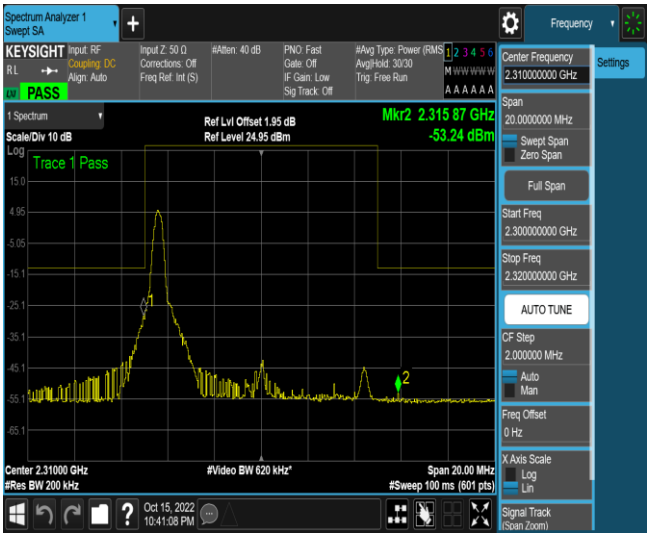
Band40-10MHz-QPSK-38750-1RB#49



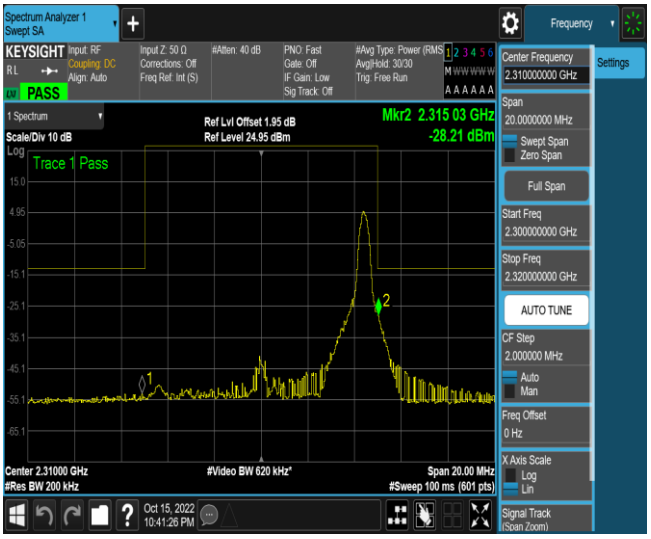
Band40-10MHz-QPSK-38750-50RB#0



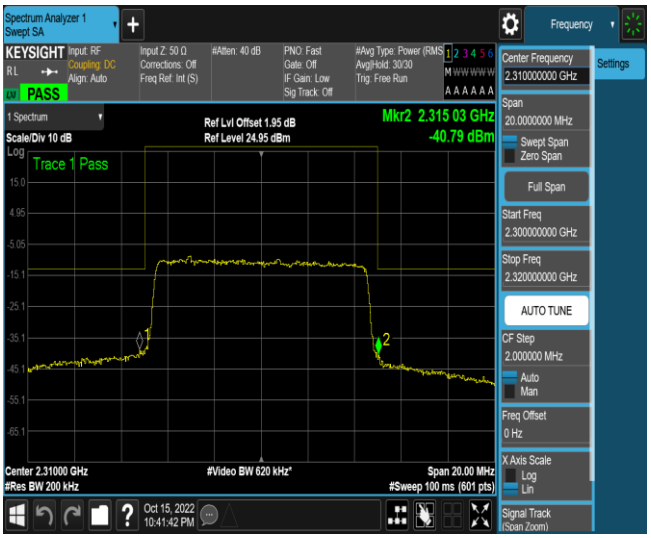
Band40-10MHz-16QAM-38750-1RB#0



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



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


Spectrum Analyzer 1
Swept SA
KEYSIGHT
PASS
Frequency
Settings
Center Frequency
2.310000000 GHz
Span
20.0000000 MHz
Swept Span
Zero Span
Full Span
Start Freq
2.300000000 GHz
Stop Freq
2.320000000 GHz
AUTO TUNE
CF Step
2.000000 MHz
Auto
Man
Freq Offset
0 Hz
X Axis Scale
Log
Lin
Signal Track
(Span Zoom)
1 Spectrum
Scale/Div 10 dB
Log
Trace 1 Pass
Ref Lvl Offset 1.95 dB
Ref Level 24.95 dBm
Mkr2 2.315 03 GHz
-40.79 dBm
Center 2.31000 GHz
#Res BW 200 kHz
#Video BW 620 kHz*
Span 20.00 MHz
#Sweep 100 ms (601 pts)
Oct 15, 2022
10:41:42 PM

Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Verdict
Band40	5MHz	QPSK	38725	1RB#0	Range1:0.009~0.15MHz	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range2:0.15~30MHz	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range3:30~1000MHz	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range4:1000~2288MHz	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range5:2288~2292MHz	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range6:2292~2296MHz	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range7:2296~2300MHz	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range8:2300~2305MHz	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range9:2320~2324MHz	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range10:2324~2328MHz	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range11:2328~2337MHz	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range12:2337~2341MHz	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range13:2341~2345MHz	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range14:2360~2365MHz	PASS
Band40	5MHz	QPSK	38725	1RB#0	Range15:2365~26500MHz	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range1:0.009~0.15MHz	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range2:0.15~30MHz	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range3:30~1000MHz	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range4:1000~2288MHz	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range5:2288~2292MHz	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range6:2292~2296MHz	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range7:2296~2300MHz	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range8:2300~2305MHz	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range9:2320~2324MHz	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range10:2324~2328MHz	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range11:2328~2337MHz	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range12:2337~2341MHz	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range13:2341~2345MHz	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range14:2360~2365MHz	PASS
Band40	5MHz	QPSK	38750	1RB#0	Range15:2365~26500MHz	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range1:0.009~0.15MHz	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range2:0.15~30MHz	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range3:30~1000MHz	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range4:1000~2288MHz	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range5:2288~2292MHz	PASS

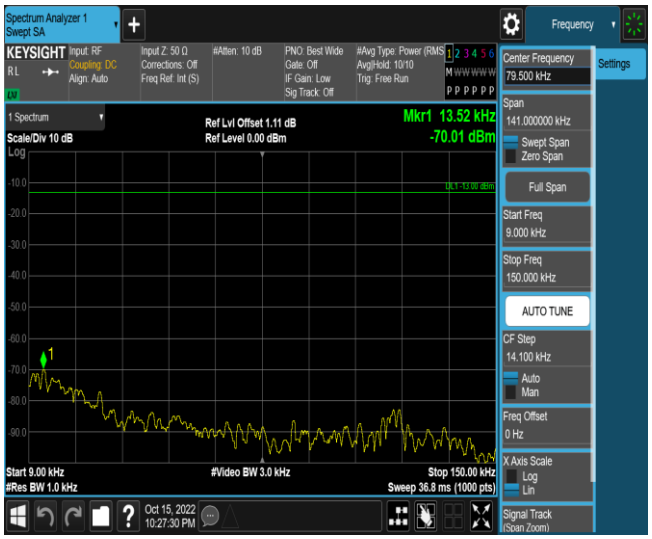
Band40	5MHz	QPSK	38775	1RB#0	Range6:2292~2296MHz	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range7:2296~2300MHz	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range8:2300~2305MHz	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range9:2320~2324MHz	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range10:2324~2328MHz	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range11:2328~2337MHz	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range12:2337~2341MHz	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range13:2341~2345MHz	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range14:2360~2365MHz	PASS
Band40	5MHz	QPSK	38775	1RB#0	Range15:2365~26500MHz	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range1:0.009~0.15MHz	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range2:0.15~30MHz	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range3:30~1000MHz	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range4:1000~2288MHz	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range5:2288~2292MHz	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range6:2292~2296MHz	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range7:2296~2300MHz	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range8:2300~2305MHz	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range9:2320~2324MHz	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range10:2324~2328MHz	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range11:2328~2337MHz	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range12:2337~2341MHz	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range13:2341~2345MHz	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range14:2360~2365MHz	PASS
Band40	5MHz	16QAM	38725	1RB#0	Range15:2365~26500MHz	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range1:0.009~0.15MHz	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range2:0.15~30MHz	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range3:30~1000MHz	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range4:1000~2288MHz	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range5:2288~2292MHz	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range6:2292~2296MHz	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range7:2296~2300MHz	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range8:2300~2305MHz	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range9:2320~2324MHz	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range10:2324~2328MHz	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range11:2328~2337MHz	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range12:2337~2341MHz	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range13:2341~2345MHz	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range14:2360~2365MHz	PASS
Band40	5MHz	16QAM	38750	1RB#0	Range15:2365~26500MHz	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range1:0.009~0.15MHz	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range2:0.15~30MHz	PASS

Band40	5MHz	16QAM	38775	1RB#0	Range3:30~1000MHz	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range4:1000~2288MHz	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range5:2288~2292MHz	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range6:2292~2296MHz	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range7:2296~2300MHz	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range8:2300~2305MHz	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range9:2320~2324MHz	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range10:2324~2328MHz	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range11:2328~2337MHz	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range12:2337~2341MHz	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range13:2341~2345MHz	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range14:2360~2365MHz	PASS
Band40	5MHz	16QAM	38775	1RB#0	Range15:2365~26500MHz	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range1:0.009~0.15MHz	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range2:0.15~30MHz	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range3:30~1000MHz	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range4:1000~2288MHz	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range5:2288~2292MHz	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range6:2292~2296MHz	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range7:2296~2300MHz	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range8:2300~2305MHz	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range9:2320~2324MHz	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range10:2324~2328MHz	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range11:2328~2337MHz	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range12:2337~2341MHz	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range13:2341~2345MHz	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range14:2360~2365MHz	PASS
Band40	10MHz	QPSK	38750	1RB#0	Range15:2365~26500MHz	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range1:0.009~0.15MHz	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range2:0.15~30MHz	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range3:30~1000MHz	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range4:1000~2288MHz	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range5:2288~2292MHz	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range6:2292~2296MHz	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range7:2296~2300MHz	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range8:2300~2305MHz	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range9:2320~2324MHz	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range10:2324~2328MHz	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range11:2328~2337MHz	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range12:2337~2341MHz	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range13:2341~2345MHz	PASS
Band40	10MHz	16QAM	38750	1RB#0	Range14:2360~2365MHz	PASS

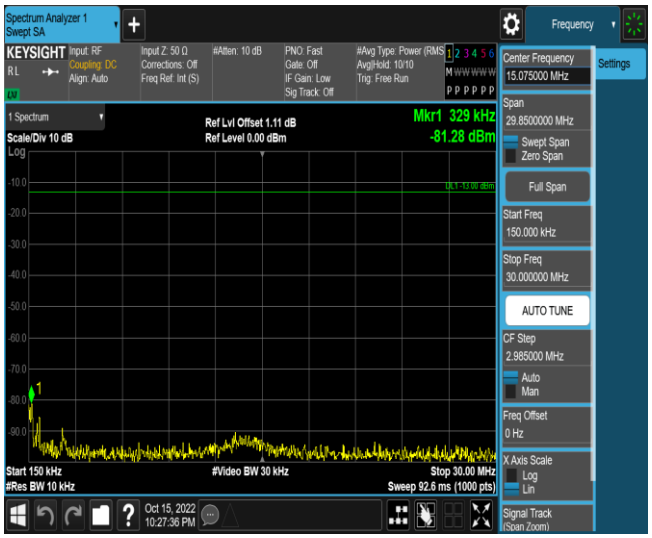
Band40	10MHz	16QAM	38750	1RB#0	Range15:2365~26500MHz	PASS

Test Graphs

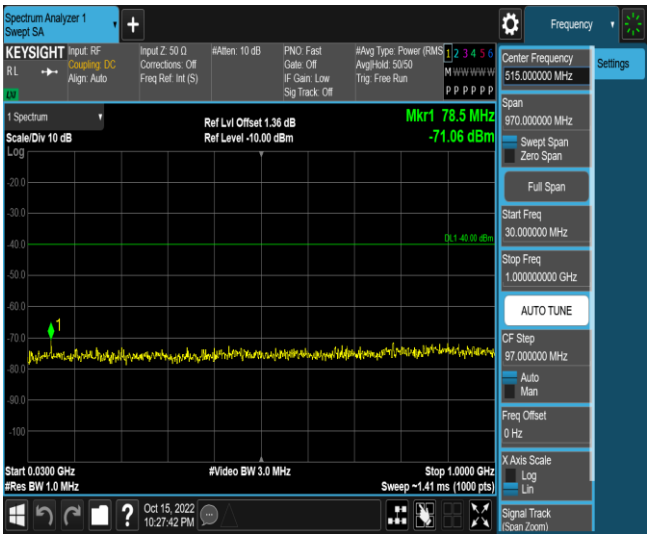
Band40-5MHz-QPSK-38725-1RB#0-Range1:0.009~0.15MHz



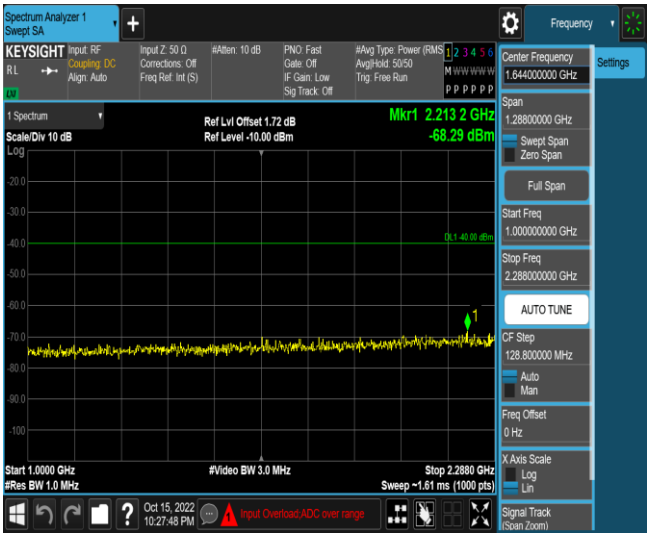
Band40-5MHz-QPSK-38725-1RB#0-Range2:0.15~30MHz



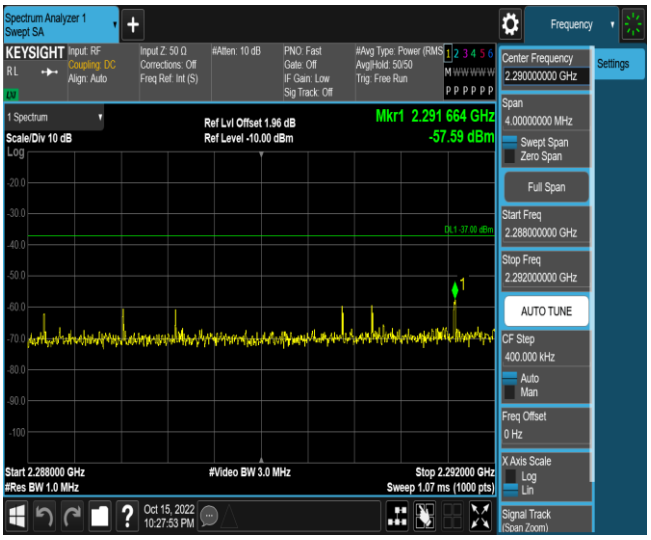
Band40-5MHz-QPSK-38725-1RB#0-Range3:30~1000MHz



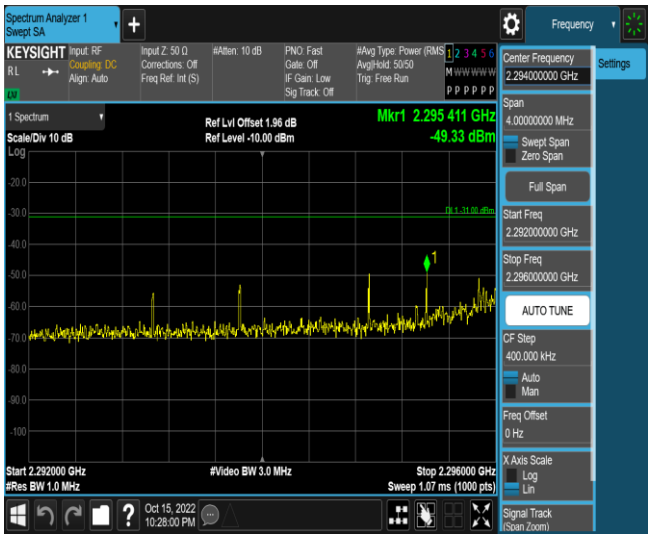
Band40-5MHz-QPSK-38725-1RB#0-Range4:1000~2288MHz



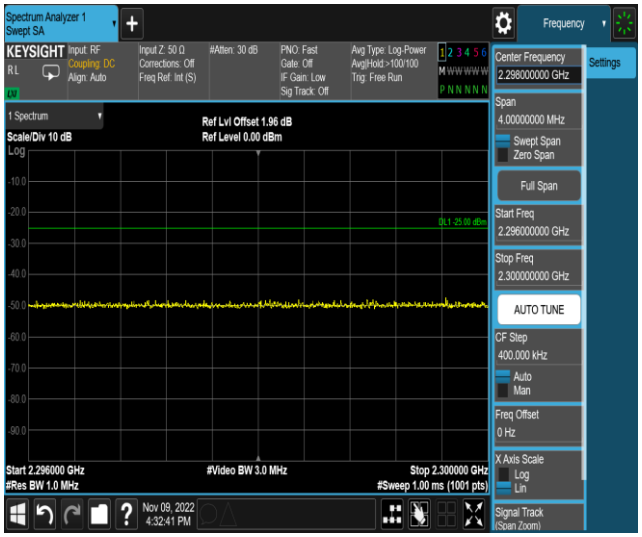
Band40-5MHz-QPSK-38725-1RB#0-Range5:2288~2292MHz



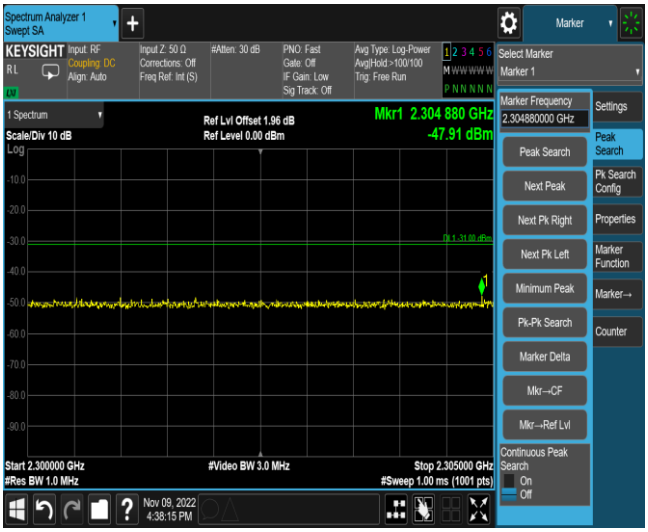
Band40-5MHz-QPSK-38725-1RB#0-Range6:2292~2296MHz



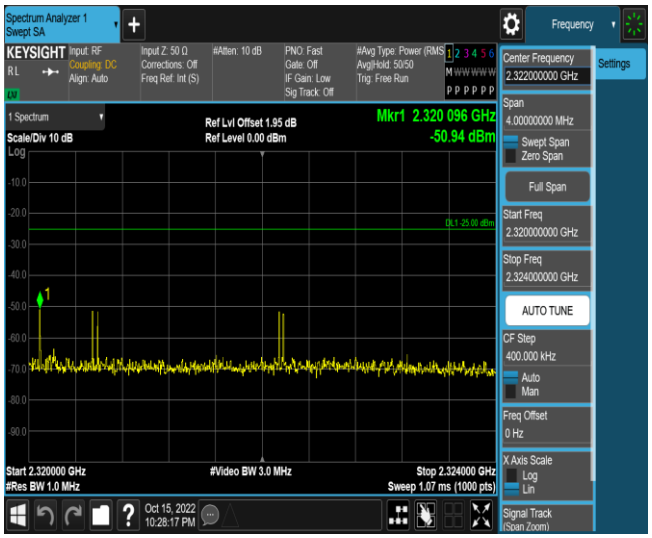
Band40-5MHz-QPSK-38725-1RB#0-Range7:2296~2300MHz



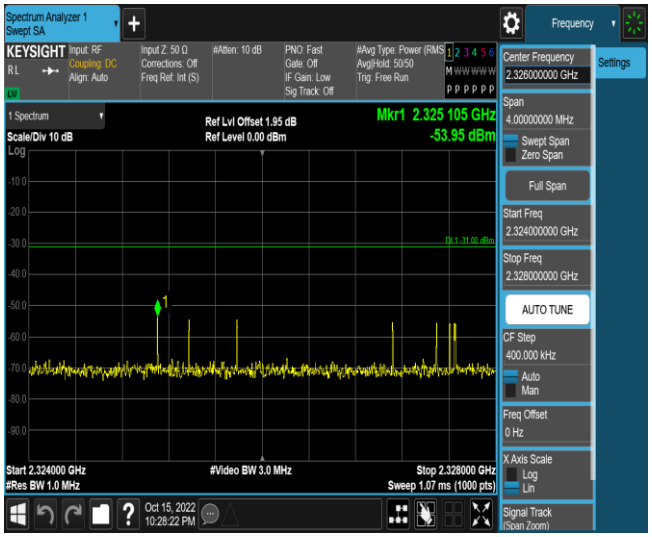
Band40-5MHz-QPSK-38725-1RB#0-Range8:2300~2305MHz



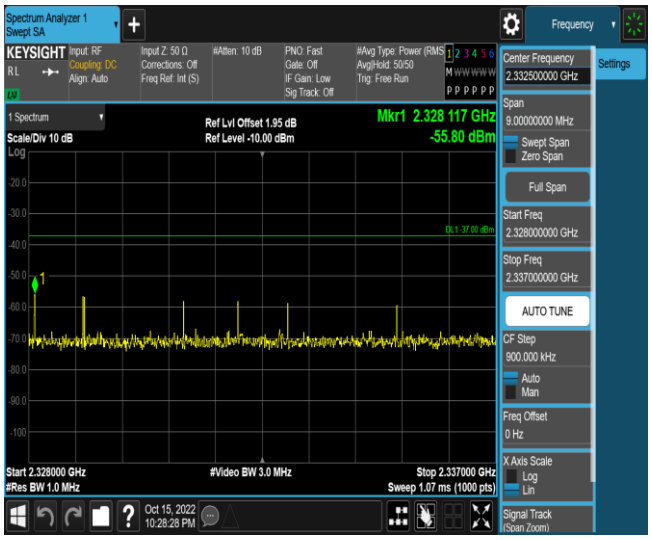
Band40-5MHz-QPSK-38725-1RB#0-Range9:2320~2324MHz



Band40-5MHz-QPSK-38725-1RB#0-Range10:2324~2328MHz



Band40-5MHz-QPSK-38725-1RB#0-Range11:2328~2337MHz



Band40-5MHz-QPSK-38725-1RB#0-Range12:2337~2341MHz