Appendix G: Test Data for E-UTRA Band 38

Product Name: Smart POS Terminal

Test Model: P92

Environmental Conditions

Temperature:	23.8° C
Relative Humidity:	52.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Nick Peng
Supervised by:	Ling Zhu

G.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	20.03	PASS
Band38	5MHz	QPSK	37775	1RB#12	20.11	PASS
Band38	5MHz	QPSK	37775	1RB#24	20.31	PASS
Band38	5MHz	QPSK	37775	12RB#0	19.52	PASS
Band38	5MHz	QPSK	37775	12RB#6	19.54	PASS
Band38	5MHz	QPSK	37775	12RB#13	19.69	PASS
Band38	5MHz	QPSK	37775	25RB#0	19.57	PASS
Band38	5MHz	QPSK	38000	1RB#0	20.41	PASS
Band38	5MHz	QPSK	38000	1RB#12	20.28	PASS
Band38	5MHz	QPSK	38000	1RB#24	20.10	PASS
Band38	5MHz	QPSK	38000	12RB#0	19.64	PASS
Band38	5MHz	QPSK	38000	12RB#6	19.66	PASS
Band38	5MHz	QPSK	38000	12RB#13	19.59	PASS
Band38	5MHz	QPSK	38000	25RB#0	19.65	PASS
Band38	5MHz	QPSK	38225	1RB#0	19.20	PASS
Band38	5MHz	QPSK	38225	1RB#12	19.27	PASS
Band38	5MHz	QPSK	38225	1RB#24	19.33	PASS
Band38	5MHz	QPSK	38225	12RB#0	18.89	PASS
Band38	5MHz	QPSK	38225	12RB#6	18.75	PASS
Band38	5MHz	QPSK	38225	12RB#13	18.91	PASS
Band38	5MHz	QPSK	38225	25RB#0	18.77	PASS
Band38	5MHz	16QAM	37775	1RB#0	19.87	PASS
Band38	5MHz	16QAM	37775	1RB#12	20.14	PASS
Band38	5MHz	16QAM	37775	1RB#24	20.22	PASS
Band38	5MHz	16QAM	37775	12RB#0	18.53	PASS
Band38	5MHz	16QAM	37775	12RB#6	18.55	PASS
Band38	5MHz	16QAM	37775	12RB#13	18.68	PASS
Band38	5MHz	16QAM	37775	25RB#0	18.78	PASS
Band38	5MHz	16QAM	38000	1RB#0	20.18	PASS
Band38	5MHz	16QAM	38000	1RB#12	20.08	PASS
Band38	5MHz	16QAM	38000	1RB#24	19.71	PASS

Band38	5MHz	16QAM	38000	12RB#0	18.79	PASS
Band38	5MHz	16QAM	38000	12RB#6	18.80	PASS
Band38	5MHz	16QAM	38000	12RB#13	18.56	PASS
Band38	5MHz	16QAM	38000	25RB#0	18.82	PASS
Band38	5MHz	16QAM	38225	1RB#0	18.67	PASS
Band38	5MHz	16QAM	38225	1RB#12	18.60	PASS
Band38	5MHz	16QAM	38225	1RB#24	18.82	PASS
Band38	5MHz	16QAM	38225	12RB#0	17.81	PASS
Band38	5MHz	16QAM	38225	12RB#6	17.81	PASS
Band38	5MHz	16QAM	38225	12RB#13	17.95	PASS
Band38	5MHz	16QAM	38225	25RB#0	17.79	PASS
Band38	10MHz	QPSK	37800	1RB#0	20.01	PASS
Band38	10MHz	QPSK	37800	1RB#24	20.20	PASS
Band38	10MHz	QPSK	37800	1RB#49	20.39	PASS
Band38	10MHz	QPSK	37800	25RB#0	19.64	PASS
Band38	10MHz	QPSK	37800	25RB#12	19.64	PASS
Band38	10MHz	QPSK	37800	25RB#25	19.85	PASS
Band38	10MHz	QPSK	37800	50RB#0	19.74	PASS
Band38	10MHz	QPSK	38000	1RB#0	20.13	PASS
Band38	10MHz	QPSK	38000	1RB#24	20.09	PASS
Band38	10MHz	QPSK	38000	1RB#49	19.76	PASS
Band38	10MHz	QPSK	38000	25RB#0	19.70	PASS
Band38	10MHz	QPSK	38000	25RB#12	19.71	PASS
Band38	10MHz	QPSK	38000	25RB#25	19.48	PASS
Band38	10MHz	QPSK	38000	50RB#0	19.63	PASS
Band38	10MHz	QPSK	38200	1RB#0	19.17	PASS
Band38	10MHz	QPSK	38200	1RB#24	19.14	PASS
Band38	10MHz	QPSK	38200	1RB#49	19.28	PASS
Band38	10MHz	QPSK	38200	25RB#0	18.79	PASS
Band38	10MHz	QPSK	38200	25RB#12	18.81	PASS
Band38	10MHz	QPSK	38200	25RB#25	18.90	PASS
Band38	10MHz	QPSK	38200	50RB#0	18.86	PASS
Band38	10MHz	16QAM	37800	1RB#0	19.65	PASS
Band38	10MHz	16QAM	37800	1RB#24	19.83	PASS
Band38	10MHz	16QAM	37800	1RB#49	20.05	PASS

Band38	10MHz	16QAM	37800	25RB#0	18.72	PASS
Band38	10MHz	16QAM	37800	25RB#12	18.70	PASS
Band38	10MHz	16QAM	37800	25RB#25	18.80	PASS
Band38	10MHz	16QAM	37800	50RB#0	18.84	PASS
Band38	10MHz	16QAM	38000	1RB#0	19.84	PASS
Band38	10MHz	16QAM	38000	1RB#24	19.68	PASS
Band38	10MHz	16QAM	38000	1RB#49	19.44	PASS
Band38	10MHz	16QAM	38000	25RB#0	18.77	PASS
Band38	10MHz	16QAM	38000	25RB#12	18.87	PASS
Band38	10MHz	16QAM	38000	25RB#25	18.63	PASS
Band38	10MHz	16QAM	38000	50RB#0	18.75	PASS
Band38	10MHz	16QAM	38200	1RB#0	18.69	PASS
Band38	10MHz	16QAM	38200	1RB#24	18.70	PASS
Band38	10MHz	16QAM	38200	1RB#49	19.09	PASS
Band38	10MHz	16QAM	38200	25RB#0	17.95	PASS
Band38	10MHz	16QAM	38200	25RB#12	17.97	PASS
Band38	10MHz	16QAM	38200	25RB#25	17.99	PASS
Band38	10MHz	16QAM	38200	50RB#0	17.80	PASS
Band38	15MHz	QPSK	37825	1RB#0	19.97	PASS
Band38	15MHz	QPSK	37825	1RB#38	20.23	PASS
Band38	15MHz	QPSK	37825	1RB#74	20.46	PASS
Band38	15MHz	QPSK	37825	38RB#0	19.84	PASS
Band38	15MHz	QPSK	37825	38RB#18	19.86	PASS
Band38	15MHz	QPSK	37825	38RB#37	19.84	PASS
Band38	15MHz	QPSK	37825	75RB#0	19.85	PASS
Band38	15MHz	QPSK	38000	1RB#0	20.30	PASS
Band38	15MHz	QPSK	38000	1RB#38	20.14	PASS
Band38	15MHz	QPSK	38000	1RB#74	19.69	PASS
Band38	15MHz	QPSK	38000	38RB#0	19.51	PASS
Band38	15MHz	QPSK	38000	38RB#18	19.50	PASS
Band38	15MHz	QPSK	38000	38RB#37	19.51	PASS
Band38	15MHz	QPSK	38000	75RB#0	19.50	PASS
Band38	15MHz	QPSK	38175	1RB#0	19.44	PASS
Band38	15MHz	QPSK	38175	1RB#38	19.14	PASS
Band38	15MHz	QPSK	38175	1RB#74	19.35	PASS

Band38	15MHz	QPSK	38175	38RB#0	18.82	PASS
Band38	15MHz	QPSK	38175	38RB#18	18.82	PASS
Band38	15MHz	QPSK	38175	38RB#37	18.82	PASS
Band38	15MHz	QPSK	38175	75RB#0	18.82	PASS
Band38	15MHz	16QAM	37825	1RB#0	19.67	PASS
Band38	15MHz	16QAM	37825	1RB#38	19.97	PASS
Band38	15MHz	16QAM	37825	1RB#74	20.17	PASS
Band38	15MHz	16QAM	37825	38RB#0	19.86	PASS
Band38	15MHz	16QAM	37825	38RB#18	19.85	PASS
Band38	15MHz	16QAM	37825	38RB#37	19.85	PASS
Band38	15MHz	16QAM	37825	75RB#0	18.85	PASS
Band38	15MHz	16QAM	38000	1RB#0	19.96	PASS
Band38	15MHz	16QAM	38000	1RB#38	19.70	PASS
Band38	15MHz	16QAM	38000	1RB#74	19.41	PASS
Band38	15MHz	16QAM	38000	38RB#0	19.52	PASS
Band38	15MHz	16QAM	38000	38RB#18	19.50	PASS
Band38	15MHz	16QAM	38000	38RB#37	19.50	PASS
Band38	15MHz	16QAM	38000	75RB#0	18.76	PASS
Band38	15MHz	16QAM	38175	1RB#0	18.96	PASS
Band38	15MHz	16QAM	38175	1RB#38	18.80	PASS
Band38	15MHz	16QAM	38175	1RB#74	18.90	PASS
Band38	15MHz	16QAM	38175	38RB#0	18.82	PASS
Band38	15MHz	16QAM	38175	38RB#18	18.82	PASS
Band38	15MHz	16QAM	38175	38RB#37	18.82	PASS
Band38	15MHz	16QAM	38175	75RB#0	17.97	PASS
Band38	20MHz	QPSK	37850	1RB#0	19.95	PASS
Band38	20MHz	QPSK	37850	1RB#49	20.48	PASS
Band38	20MHz	QPSK	37850	1RB#99	20.43	PASS
Band38	20MHz	QPSK	37850	50RB#0	19.63	PASS
Band38	20MHz	QPSK	37850	50RB#25	19.66	PASS
Band38	20MHz	QPSK	37850	50RB#50	19.98	PASS
Band38	20MHz	QPSK	37850	100RB#0	19.98	PASS
Band38	20MHz	QPSK	38000	1RB#0	20.63	PASS
Band38	20MHz	QPSK	38000	1RB#49	20.36	PASS
Band38	20MHz	QPSK	38000	1RB#99	19.98	PASS

Band38	20MHz	QPSK	38000	50RB#0	19.86	PASS
Band38	20MHz	QPSK	38000	50RB#25	19.89	PASS
Band38	20MHz	QPSK	38000	50RB#50	19.45	PASS
Band38	20MHz	QPSK	38000	100RB#0	19.75	PASS
Band38	20MHz	QPSK	38150	1RB#0	19.92	PASS
Band38	20MHz	QPSK	38150	1RB#49	19.47	PASS
Band38	20MHz	QPSK	38150	1RB#99	19.53	PASS
Band38	20MHz	QPSK	38150	50RB#0	19.02	PASS
Band38	20MHz	QPSK	38150	50RB#25	19.03	PASS
Band38	20MHz	QPSK	38150	50RB#50	18.87	PASS
Band38	20MHz	QPSK	38150	100RB#0	18.94	PASS
Band38	20MHz	16QAM	37850	1RB#0	19.80	PASS
Band38	20MHz	16QAM	37850	1RB#49	20.34	PASS
Band38	20MHz	16QAM	37850	1RB#99	20.43	PASS
Band38	20MHz	16QAM	37850	50RB#0	18.93	PASS
Band38	20MHz	16QAM	37850	50RB#25	18.94	PASS
Band38	20MHz	16QAM	37850	50RB#50	19.24	PASS
Band38	20MHz	16QAM	37850	100RB#0	19.06	PASS
Band38	20MHz	16QAM	38000	1RB#0	20.16	PASS
Band38	20MHz	16QAM	38000	1RB#49	19.77	PASS
Band38	20MHz	16QAM	38000	1RB#99	19.25	PASS
Band38	20MHz	16QAM	38000	50RB#0	18.99	PASS
Band38	20MHz	16QAM	38000	50RB#25	18.98	PASS
Band38	20MHz	16QAM	38000	50RB#50	18.66	PASS
Band38	20MHz	16QAM	38000	100RB#0	18.83	PASS
Band38	20MHz	16QAM	38150	1RB#0	19.03	PASS
Band38	20MHz	16QAM	38150	1RB#49	18.58	PASS
Band38	20MHz	16QAM	38150	1RB#99	18.68	PASS
Band38	20MHz	16QAM	38150	50RB#0	18.17	PASS
Band38	20MHz	16QAM	38150	50RB#25	18.18	PASS
Band38	20MHz	16QAM	38150	50RB#50	17.95	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.09	PASS

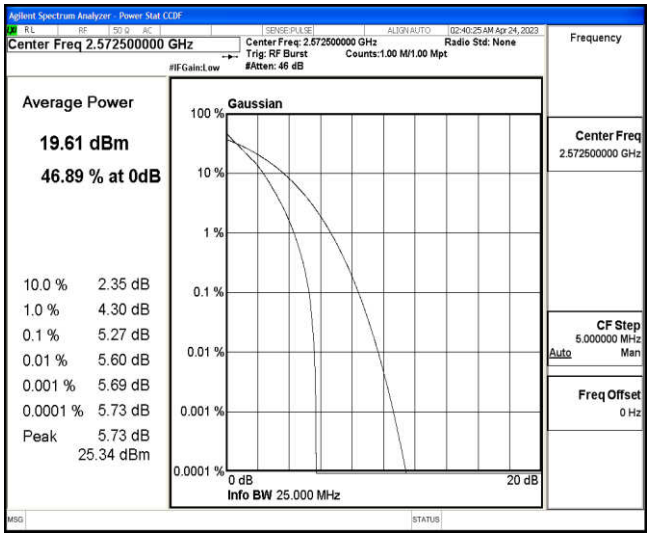
G.2 Peak-to-Average Ratio(CCDF)

Test Result

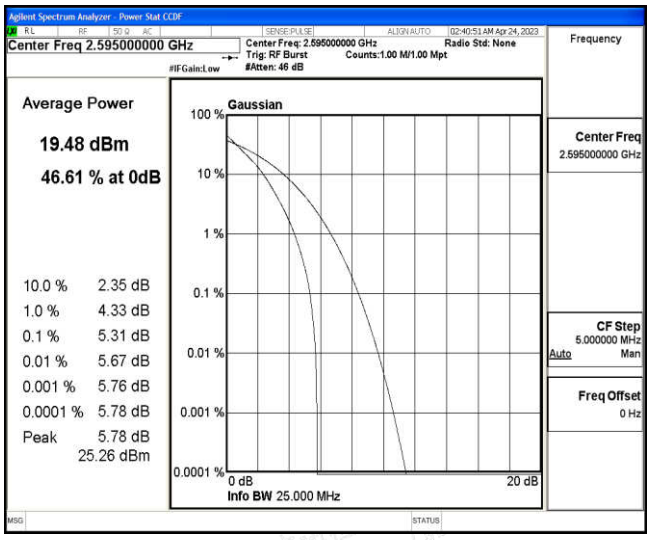
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	5.27	13	PASS
Band38	5MHz	QPSK	38000	25RB#0	5.31	13	PASS
Band38	5MHz	QPSK	38225	25RB#0	5.54	13	PASS
Band38	5MHz	16QAM	37775	25RB#0	5.99	13	PASS
Band38	5MHz	16QAM	38000	25RB#0	6.02	13	PASS
Band38	5MHz	16QAM	38225	25RB#0	6.24	13	PASS
Band38	10MHz	QPSK	37800	50RB#0	5.30	13	PASS
Band38	10MHz	QPSK	38000	50RB#0	5.41	13	PASS
Band38	10MHz	QPSK	38200	50RB#0	5.63	13	PASS
Band38	10MHz	16QAM	37800	50RB#0	6.05	13	PASS
Band38	10MHz	16QAM	38000	50RB#0	6.14	13	PASS
Band38	10MHz	16QAM	38200	50RB#0	6.31	13	PASS
Band38	15MHz	QPSK	37825	75RB#0	5.56	13	PASS
Band38	15MHz	QPSK	38000	75RB#0	5.66	13	PASS
Band38	15MHz	QPSK	38175	75RB#0	5.93	13	PASS
Band38	15MHz	16QAM	37825	75RB#0	6.20	13	PASS
Band38	15MHz	16QAM	38000	75RB#0	6.26	13	PASS
Band38	15MHz	16QAM	38175	75RB#0	6.43	13	PASS
Band38	20MHz	QPSK	37850	100RB#0	5.36	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	5.45	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	5.69	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	6.07	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	6.20	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	6.39	13	PASS

Test Graphs

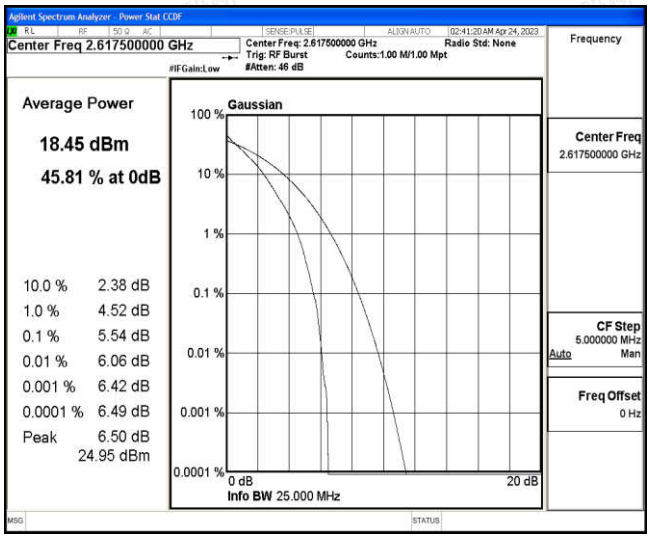
Band38-5MHz-QPSK-37775-25RB#0



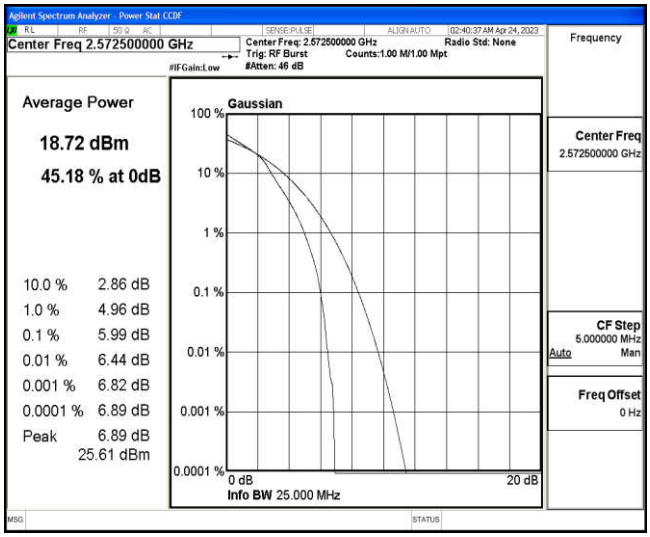
Band38-5MHz-QPSK-38000-25RB#0



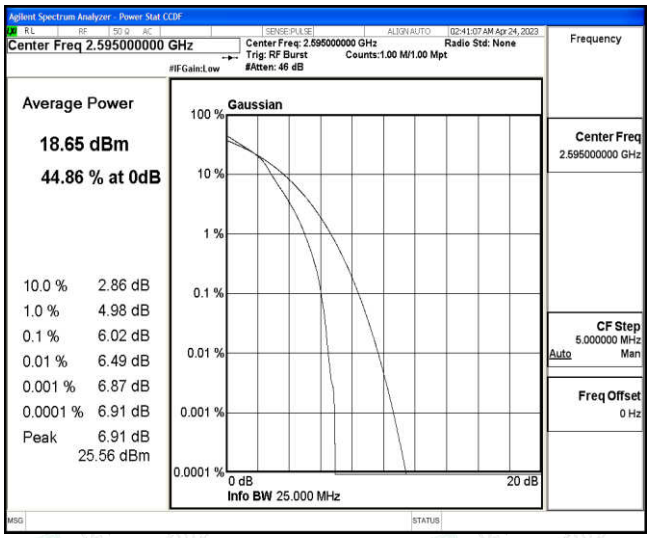
Band38-5MHz-QPSK-38225-25RB#0



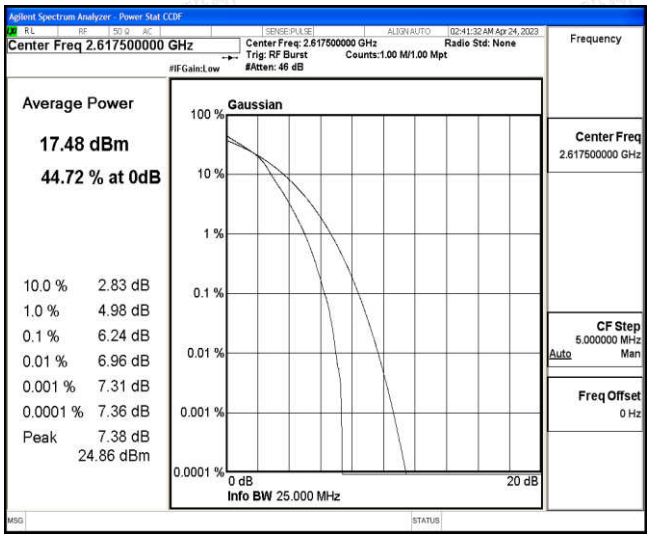
Band38-5MHz-16QAM-37775-25RB#0



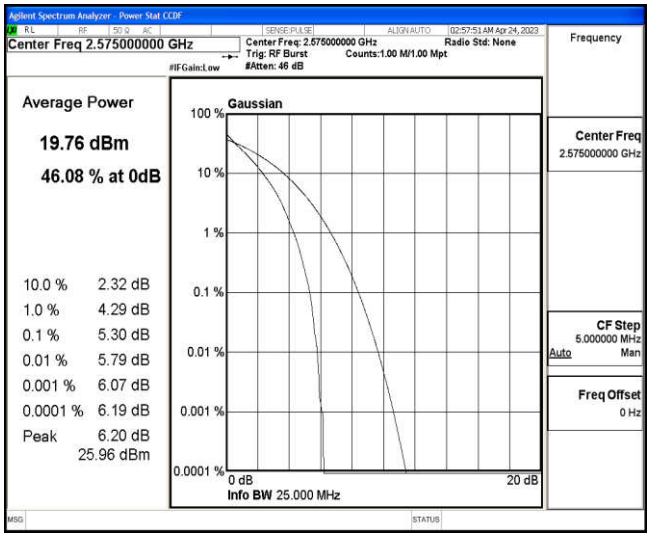
Band38-5MHz-16QAM-38000-25RB#0



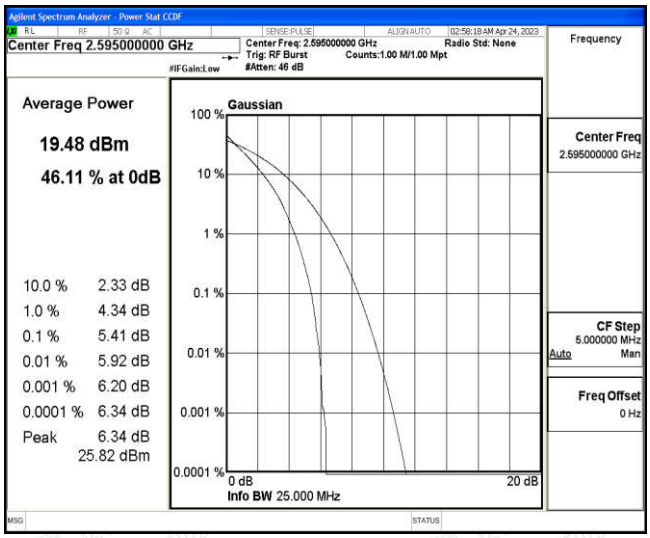
Band38-5MHz-16QAM-38225-25RB#0



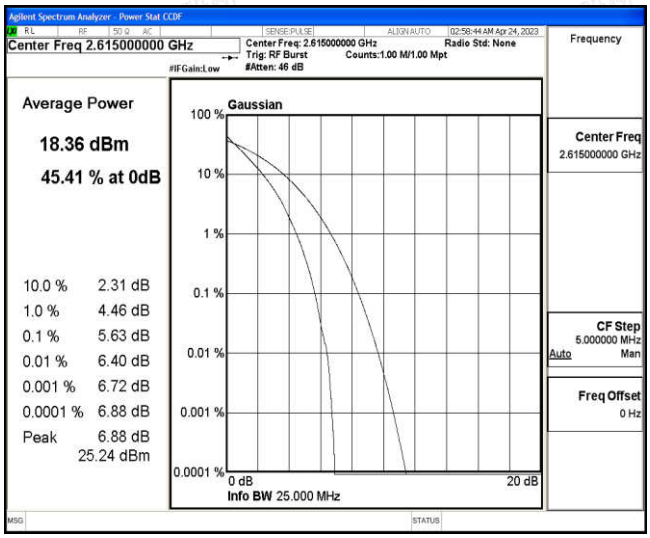
Band38-10MHz-QPSK-37800-50RB#0



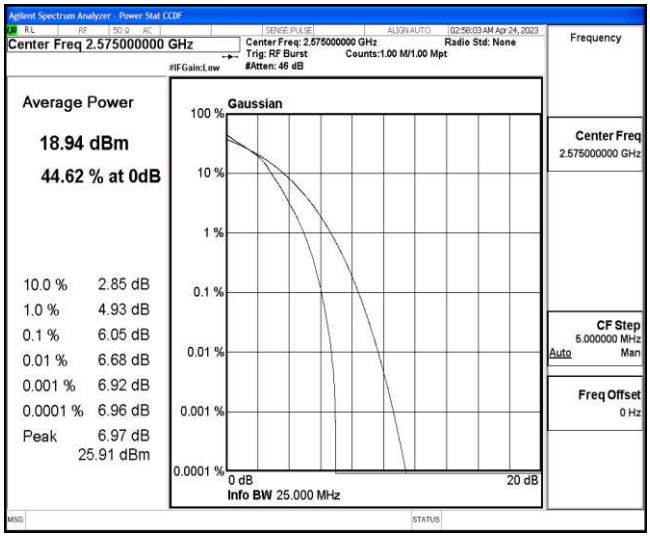
Band38-10MHz-QPSK-38000-50RB#0



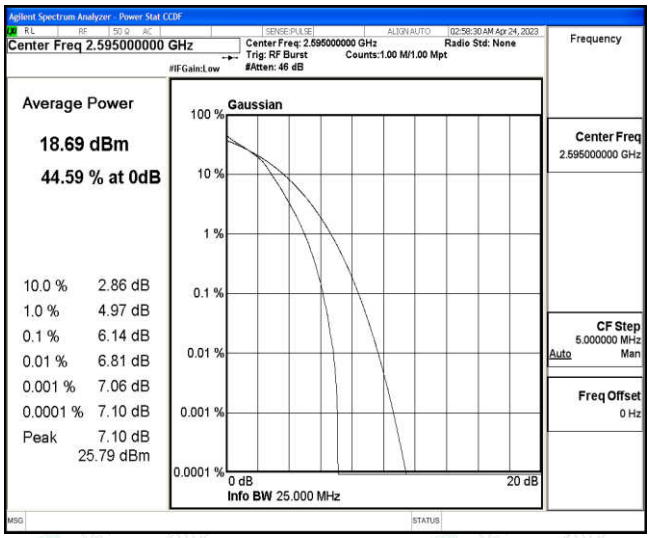
Band38-10MHz-QPSK-38200-50RB#0



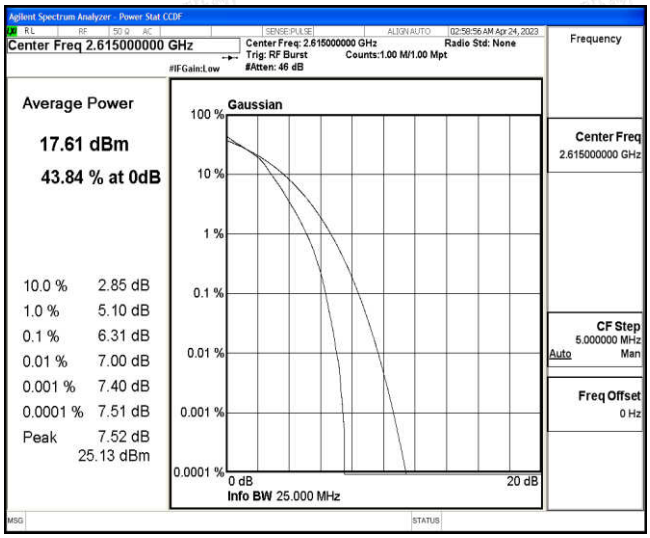
Band38-10MHz-16QAM-37800-50RB#0



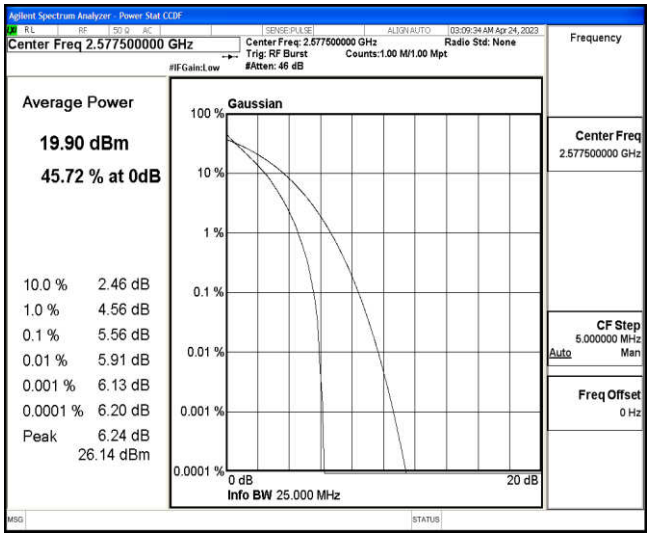
Band38-10MHz-16QAM-38000-50RB#0



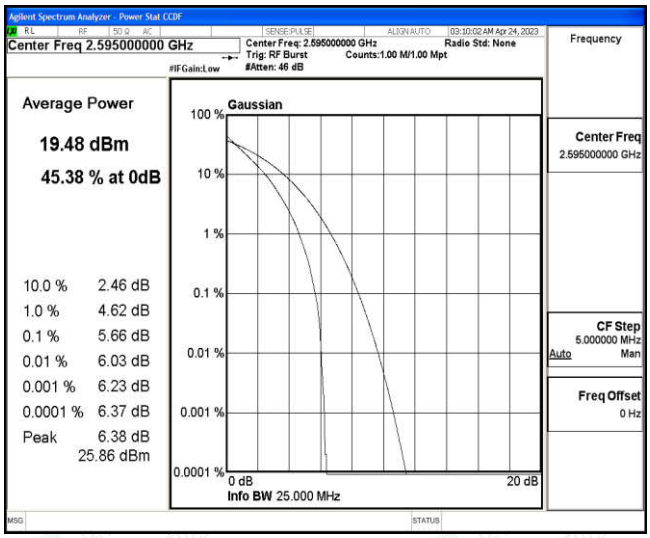
Band38-10MHz-16QAM-38200-50RB#0



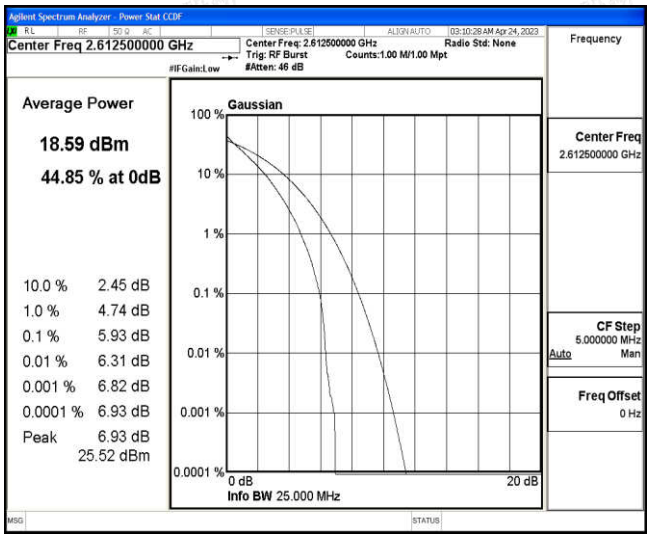
Band38-15MHz-QPSK-37825-75RB#0



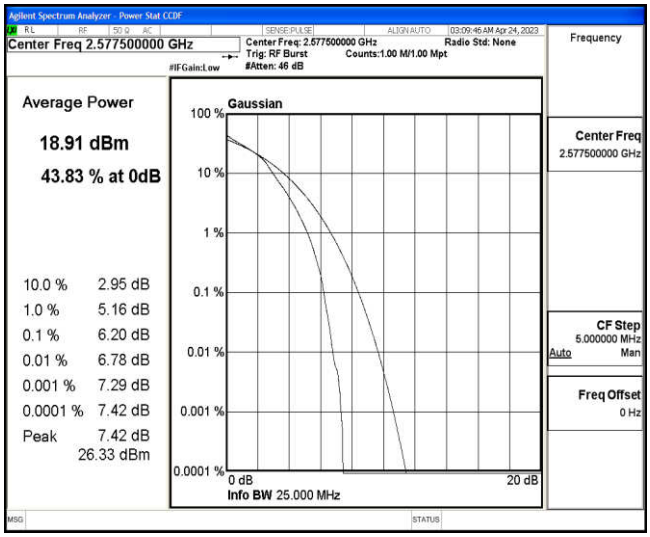
Band38-15MHz-QPSK-38000-75RB#0



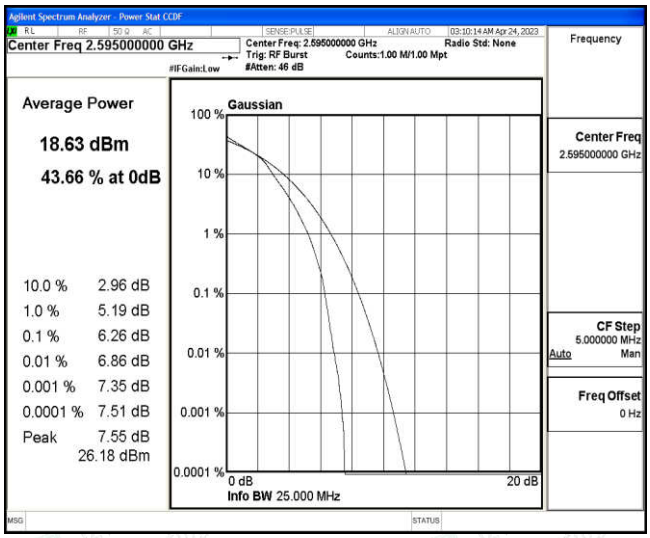
Band38-15MHz-QPSK-38175-75RB#0



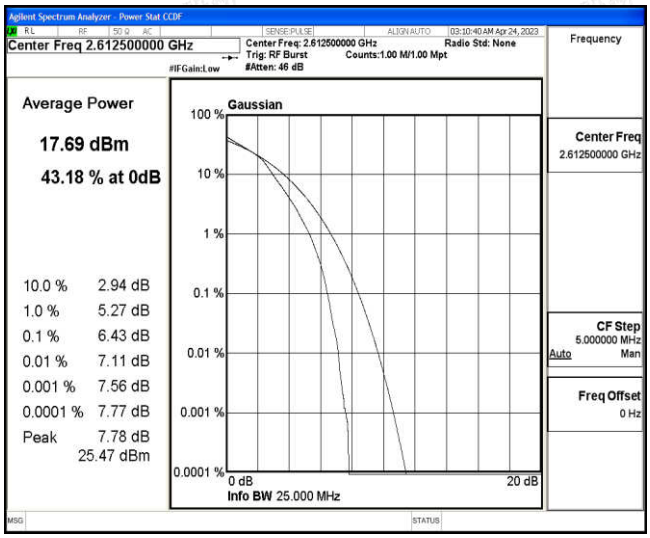
Band38-15MHz-16QAM-37825-75RB#0



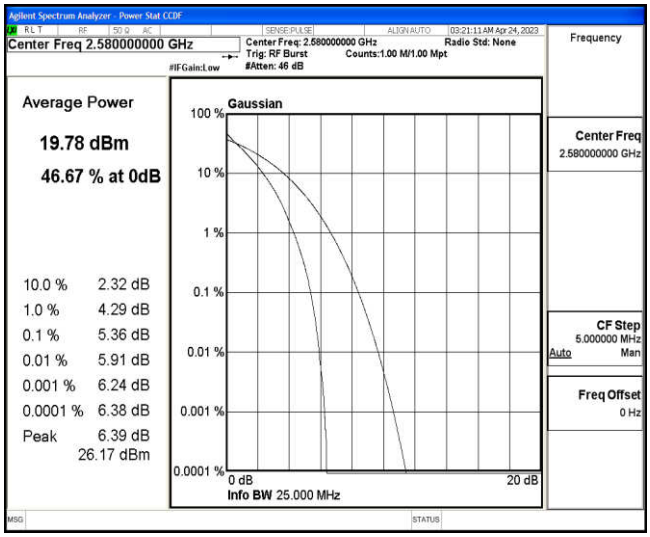
Band38-15MHz-16QAM-38000-75RB#0



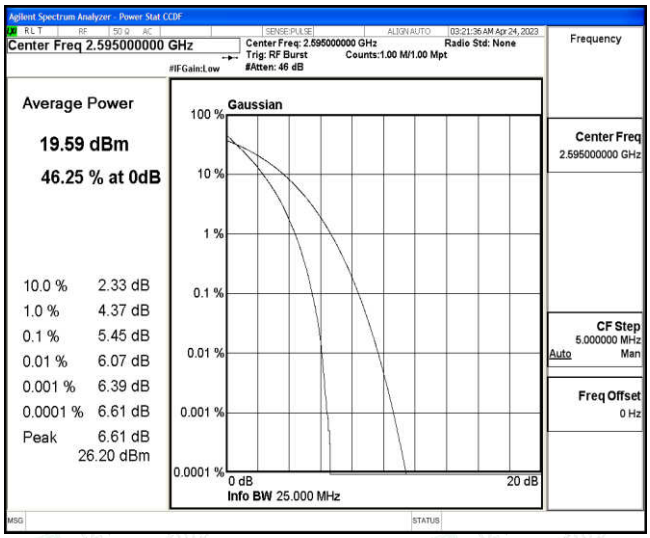
Band38-15MHz-16QAM-38175-75RB#0



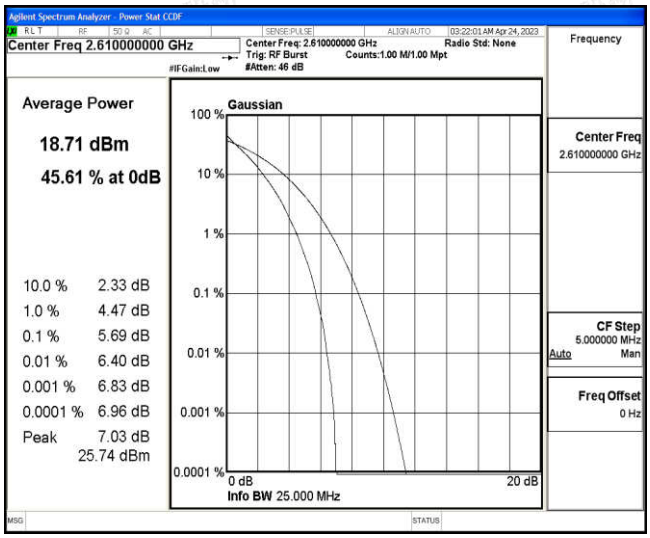
Band38-20MHz-QPSK-37850-100RB#0



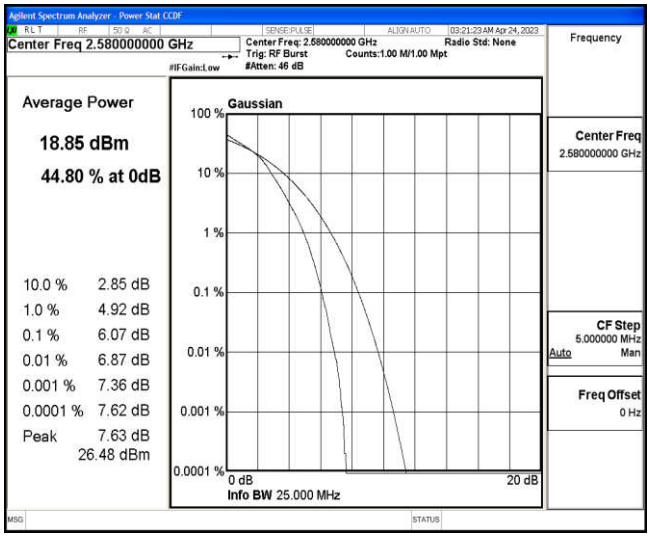
Band38-20MHz-QPSK-38000-100RB#0



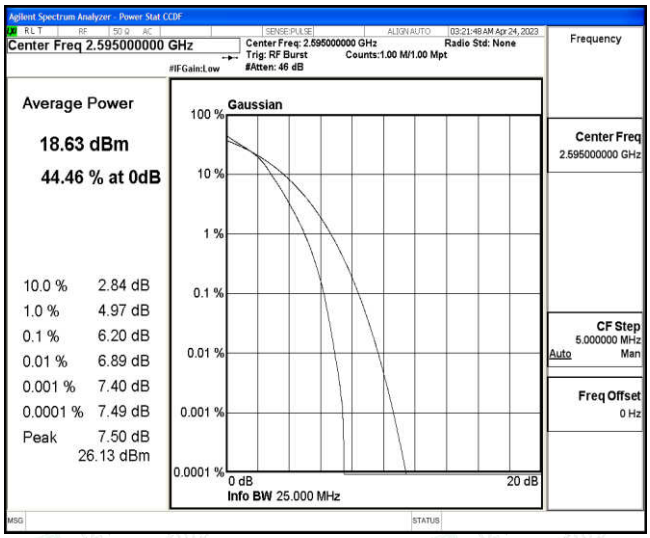
Band38-20MHz-QPSK-38150-100RB#0



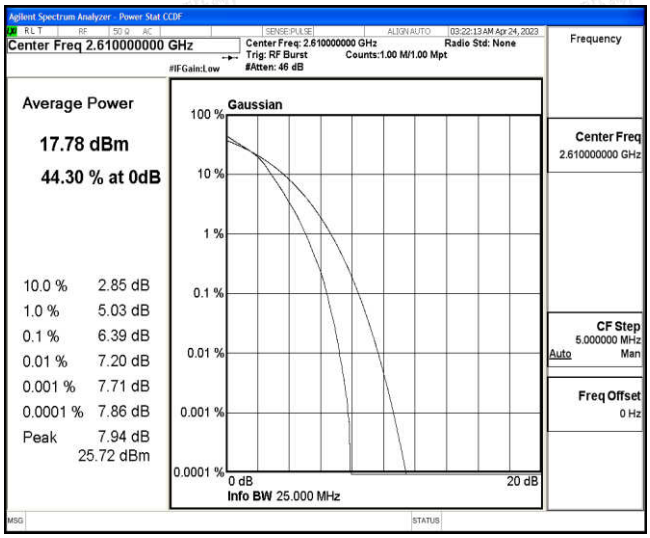
Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38000-100RB#0



Band38-20MHz-16QAM-38150-100RB#0


Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.610000000 GHz
Center Freq: 2.610000000 GHz
Trig: RF Burst
#Atten: 46 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
17.78 dBm
44.30 % at 0dB
10.0 % 2.85 dB
1.0 % 5.03 dB
0.1 % 6.39 dB
0.01 % 7.20 dB
0.001 % 7.71 dB
0.0001 % 7.86 dB
Peak 7.94 dB
25.72 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
2.610000000 GHz
CF Step
5.000000 MHz
Auto Man
Freq Offset
0 Hz

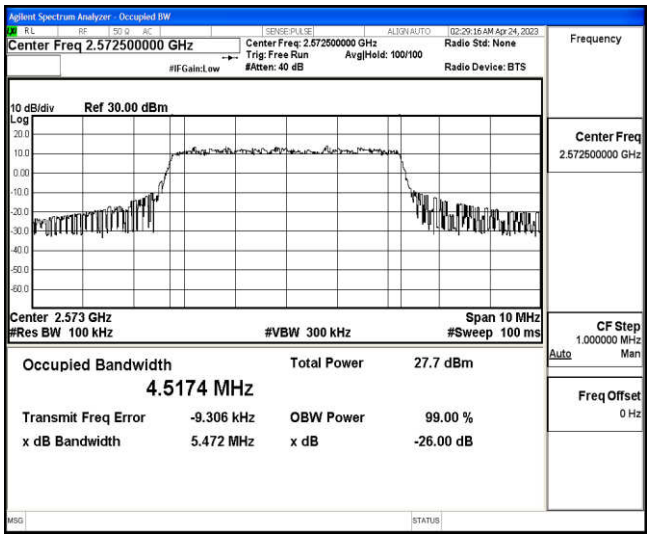
G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

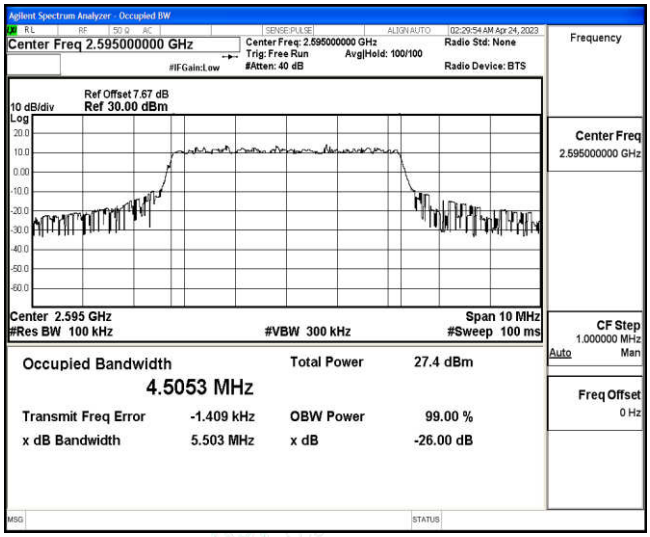
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.5174	5.472	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.5053	5.503	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.4980	4.967	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.5207	5.238	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.5259	5.280	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.5053	5.134	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.9829	9.907	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.9843	10.41	PASS
Band38	10MHz	QPSK	38200	50RB#0	9.0254	11.04	PASS
Band38	10MHz	16QAM	37800	50RB#0	9.0007	10.12	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.9922	10.01	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.9874	10.20	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.517	15.20	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.539	15.63	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.511	15.53	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.489	15.22	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.495	14.84	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.517	14.95	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.986	19.38	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.903	20.37	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.949	19.96	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.912	20.29	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.980	19.80	PASS
Band38	20MHz	16QAM	38150	100RB#0	18.009	21.19	PASS

Test Graphs

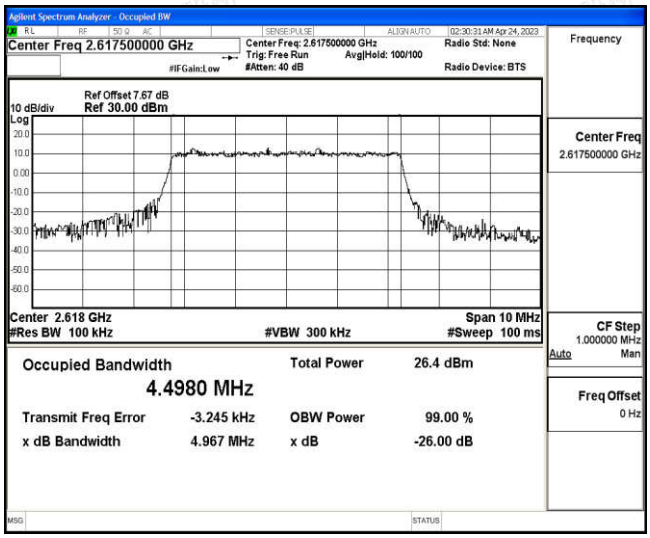
Band38-5MHz-QPSK-37775-25RB#0



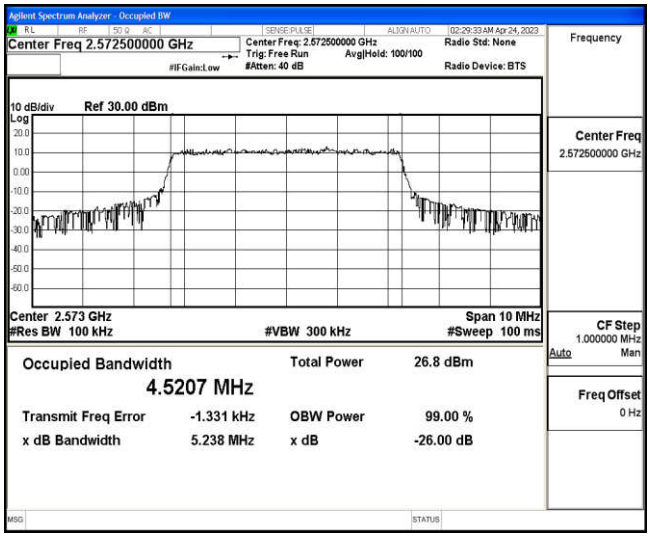
Band38-5MHz-QPSK-38000-25RB#0



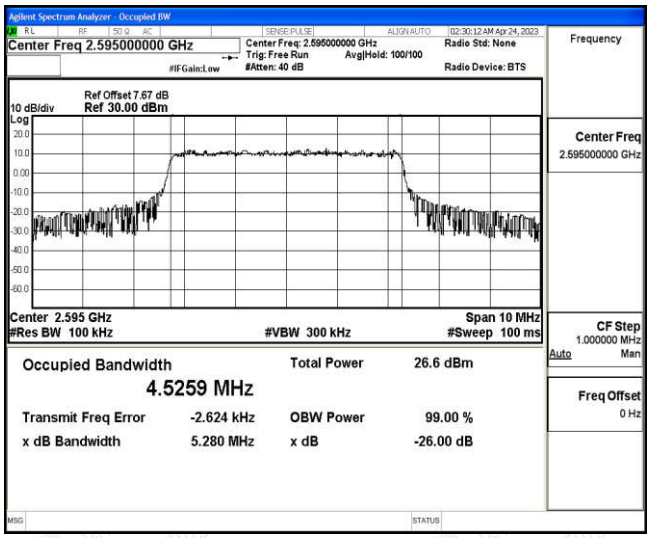
Band38-5MHz-QPSK-38225-25RB#0



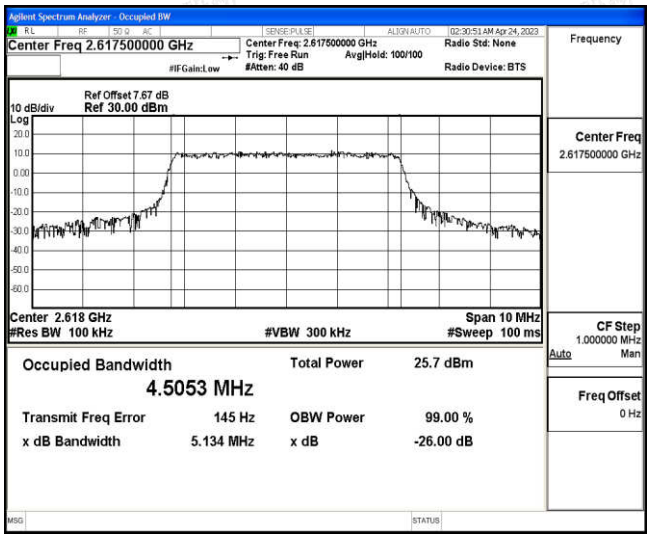
Band38-5MHz-16QAM-37775-25RB#0



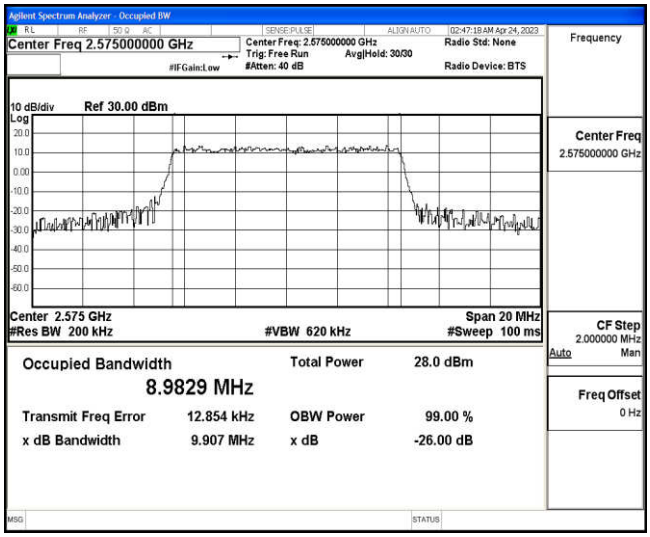
Band38-5MHz-16QAM-38000-25RB#0



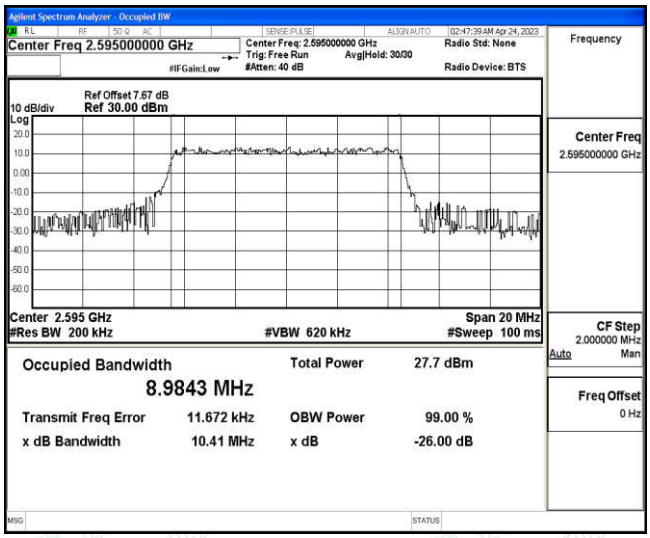
Band38-5MHz-16QAM-38225-25RB#0



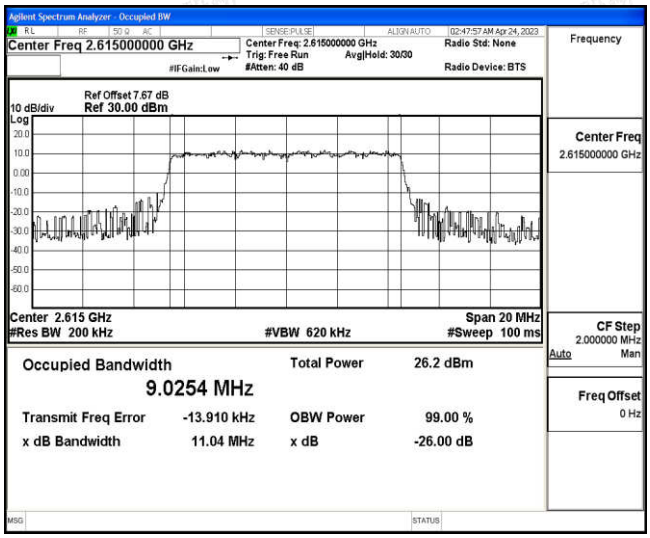
Band38-10MHz-QPSK-37800-50RB#0



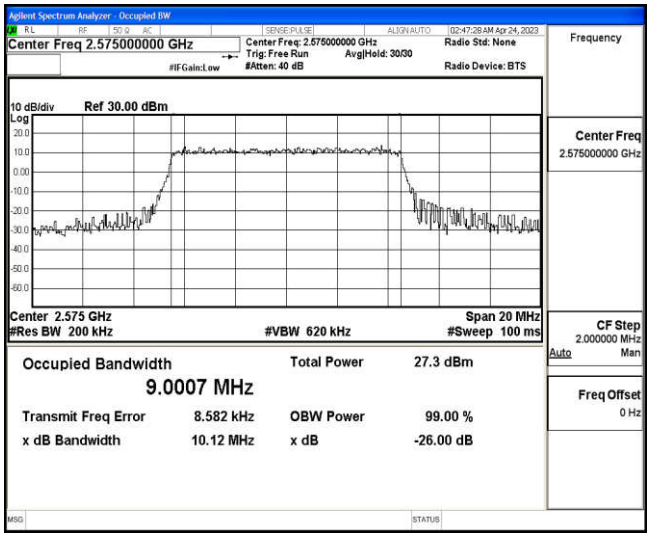
Band38-10MHz-QPSK-38000-50RB#0



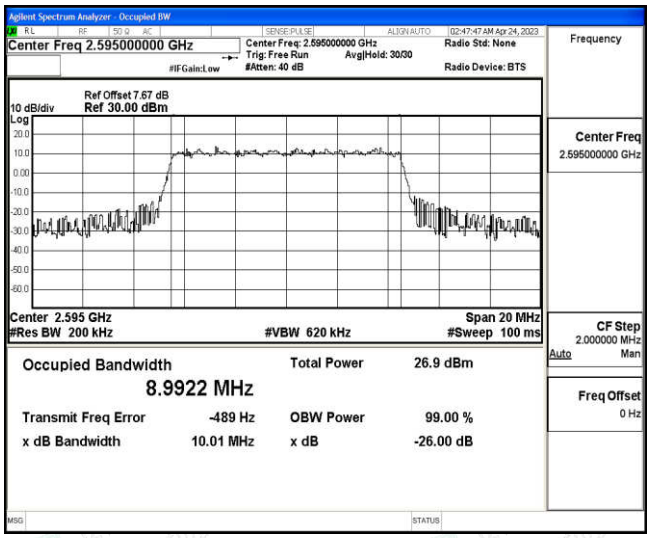
Band38-10MHz-QPSK-38200-50RB#0



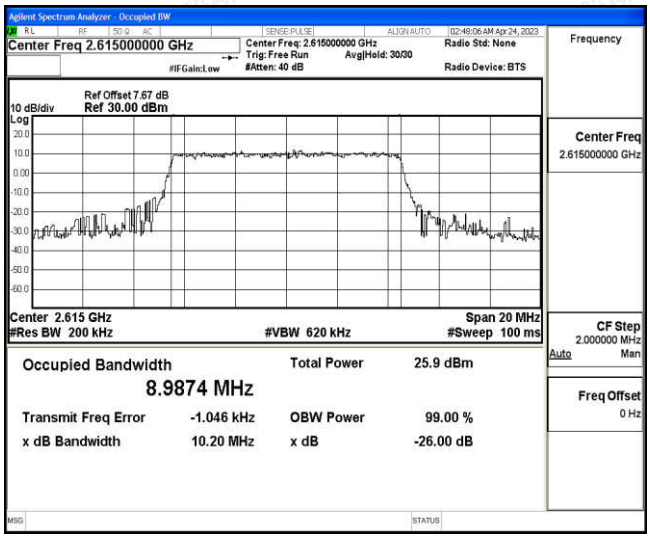
Band38-10MHz-16QAM-37800-50RB#0



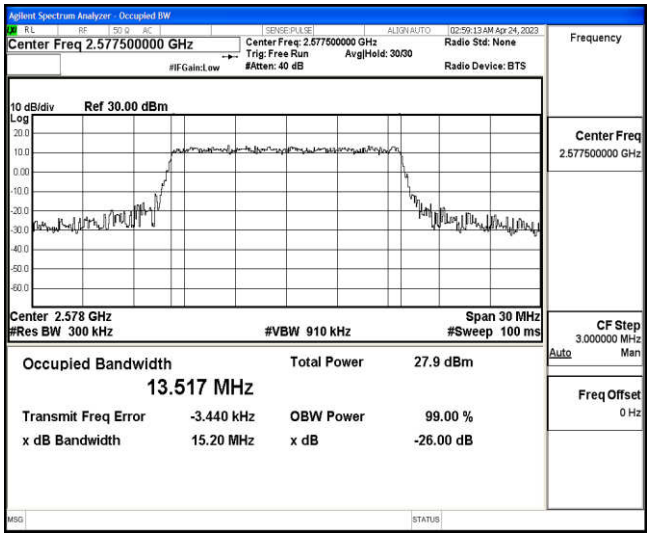
Band38-10MHz-16QAM-38000-50RB#0



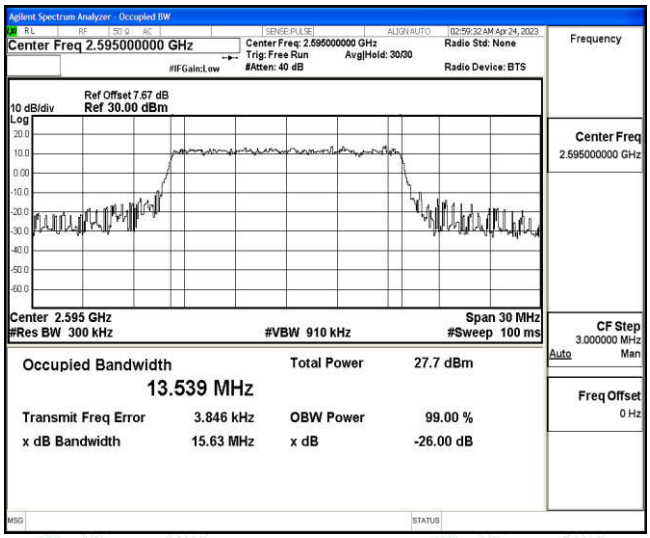
Band38-10MHz-16QAM-38200-50RB#0



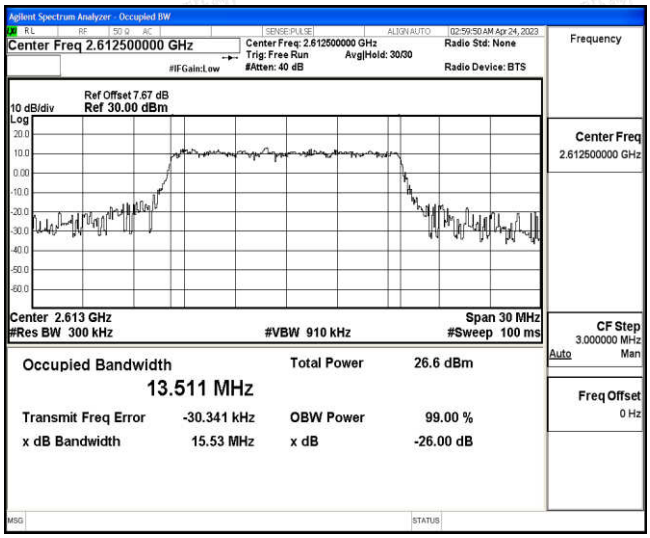
Band38-15MHz-QPSK-37825-75RB#0



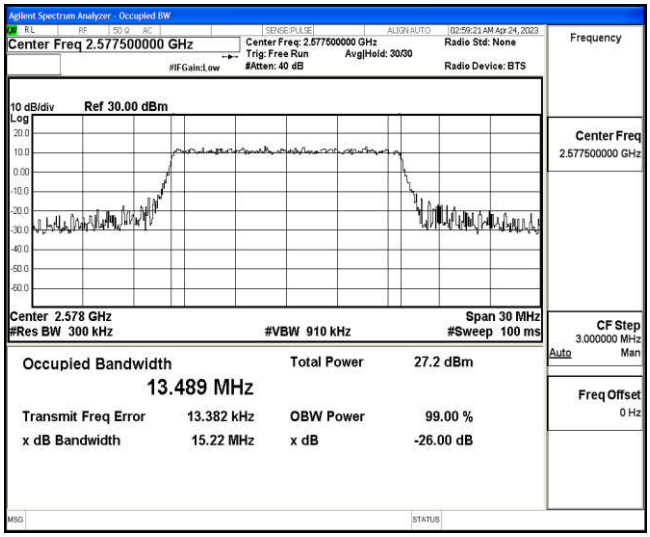
Band38-15MHz-QPSK-38000-75RB#0



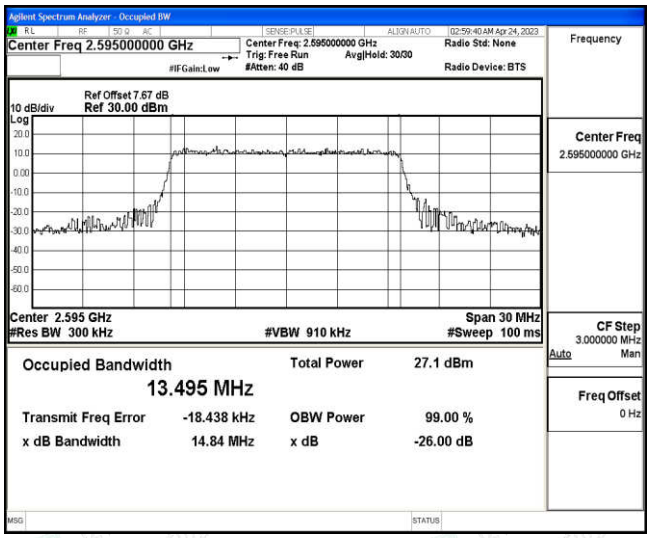
Band38-15MHz-QPSK-38175-75RB#0



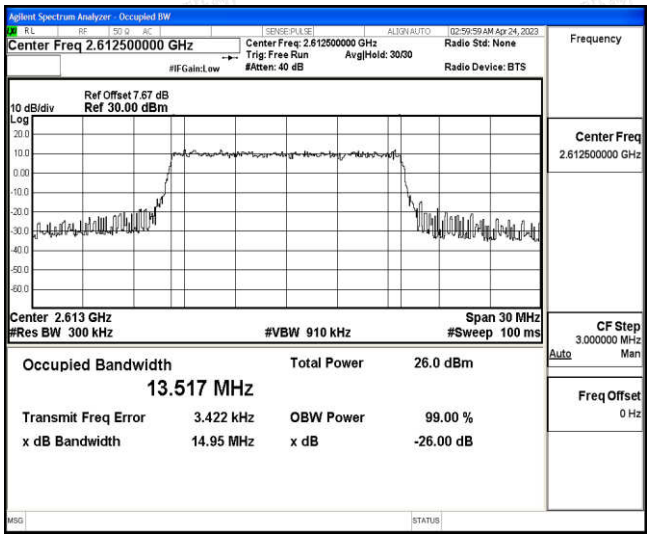
Band38-15MHz-16QAM-37825-75RB#0



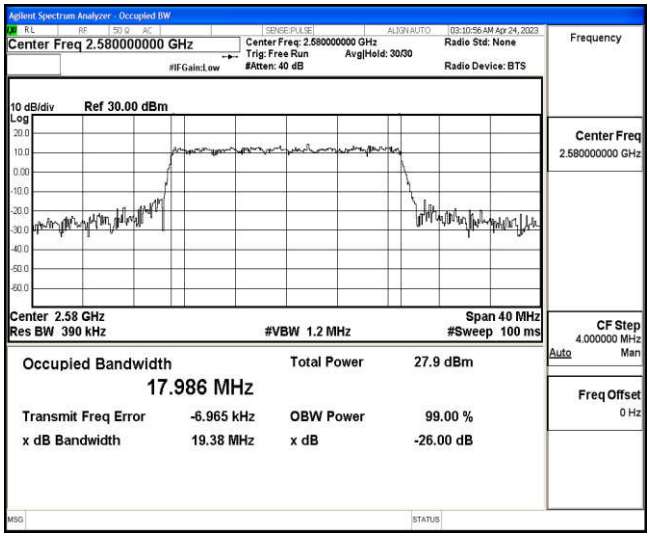
Band38-15MHz-16QAM-38000-75RB#0



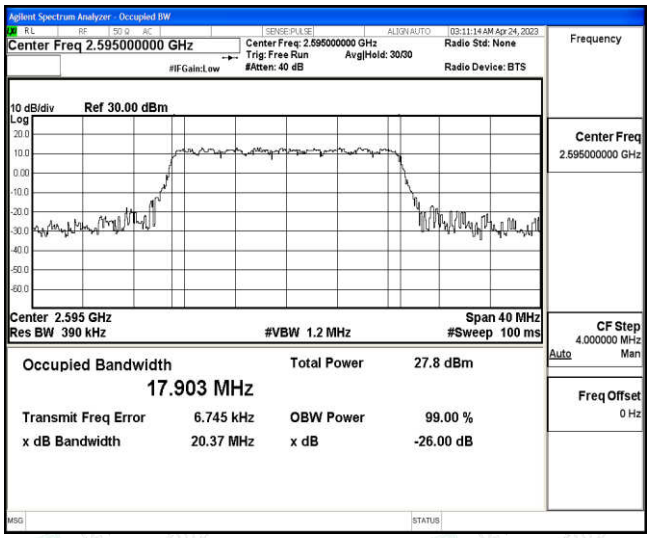
Band38-15MHz-16QAM-38175-75RB#0



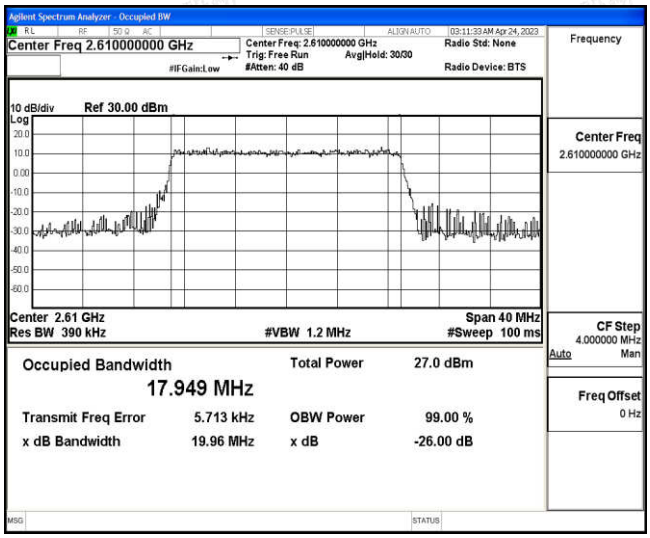
Band38-20MHz-QPSK-37850-100RB#0



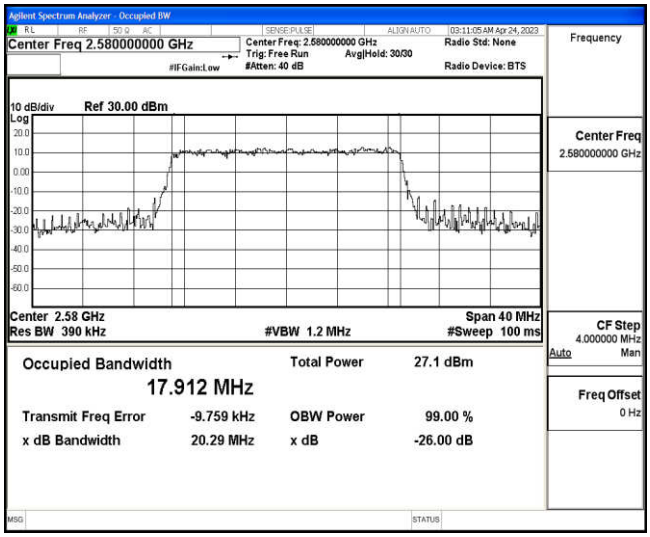
Band38-20MHz-QPSK-38000-100RB#0



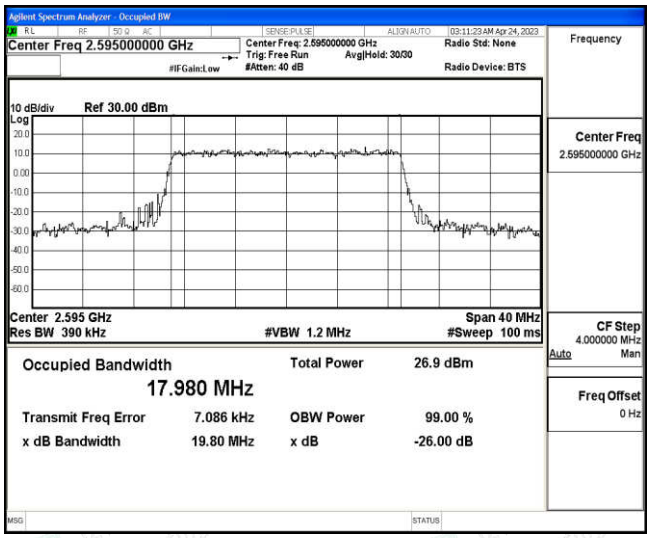
Band38-20MHz-QPSK-38150-100RB#0



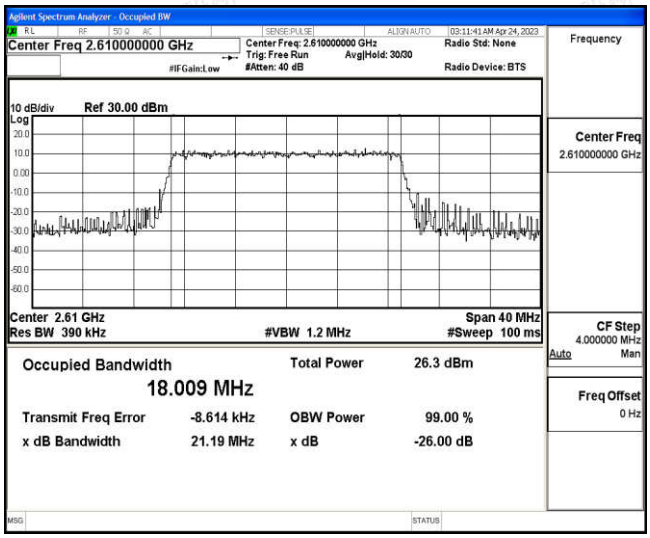
Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38000-100RB#0



Band38-20MHz-16QAM-38150-100RB#0


Agilent Spectrum Analyzer - Occupied BW
Center Freq 2.610000000 GHz
Center Freq: 2.610000000 GHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
Frequency
10 dB/div
Ref 30.00 dBm
Center Freq
2.610000000 GHz
Center 2.61 GHz
Res BW 390 kHz
#VBW 1.2 MHz
Span 40 MHz
#Sweep 100 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
18.009 MHz
Total Power
26.3 dBm
Transmit Freq Error
-8.614 kHz
OBW Power
99.00 %
x dB Bandwidth
21.19 MHz
x dB
-26.00 dB
Freq Offset
0 Hz

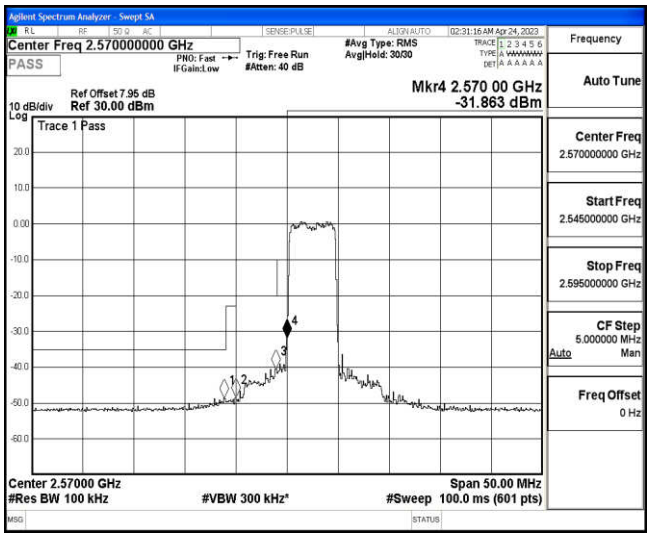
G.4 Band Edge

Test Result

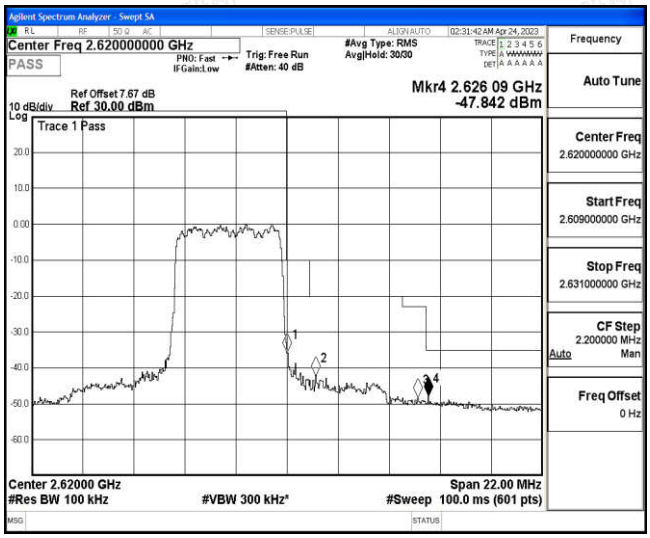
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	-48.57,-48.56,-40.47,-31.86	PASS
Band38	5MHz	QPSK	38225	25RB#0	-35.81,-42.18,-48.33,-47.84	PASS
Band38	5MHz	16QAM	37775	25RB#0	-49.55,-48.24,-42.01,-32.29	PASS
Band38	5MHz	16QAM	38225	25RB#0	-35.14,-42.55,-48.89,-48.82	PASS
Band38	10MHz	QPSK	37800	50RB#0	-47.31,-42.73,-41.05,-35.60	PASS
Band38	10MHz	QPSK	38200	50RB#0	-39.22,-44.12,-44.41,-47.60	PASS
Band38	10MHz	16QAM	37800	50RB#0	-47.71,-44.10,-41.23,-37.53	PASS
Band38	10MHz	16QAM	38200	50RB#0	-37.27,-42.69,-44.90,-47.53	PASS
Band38	15MHz	QPSK	37825	75RB#0	-45.75,-38.79,-38.59,-36.05	PASS
Band38	15MHz	QPSK	38175	75RB#0	-37.14,-41.24,-42.97,-46.00	PASS
Band38	15MHz	16QAM	37825	75RB#0	-45.77,-41.03,-40.31,-36.10	PASS
Band38	15MHz	16QAM	38175	75RB#0	-38.07,-42.34,-43.94,-45.81	PASS
Band38	20MHz	QPSK	37850	100RB#0	-44.70,-40.66,-39.30,-37.60	PASS
Band38	20MHz	QPSK	38150	100RB#0	-39.05,-42.41,-43.01,-45.33	PASS
Band38	20MHz	16QAM	37850	100RB#0	-45.00,-40.97,-39.65,-37.31	PASS
Band38	20MHz	16QAM	38150	100RB#0	-38.96,-42.94,-43.11,-45.47	PASS

Test Graphs

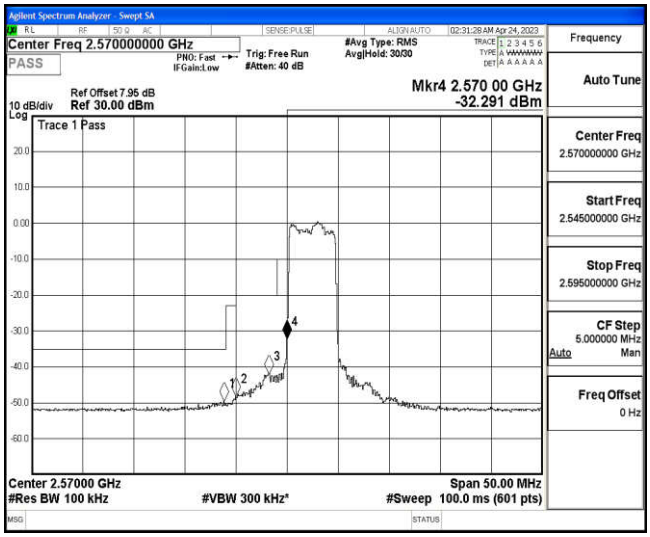
Band38-5MHz-QPSK-37775-25RB#0



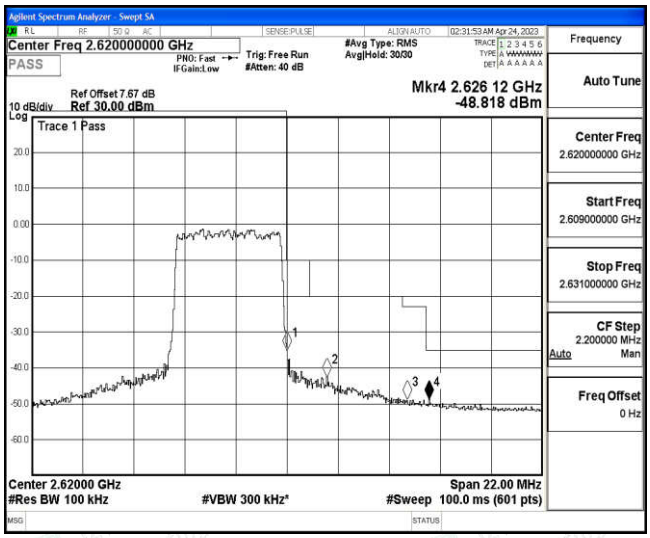
Band38-5MHz-QPSK-38225-25RB#0



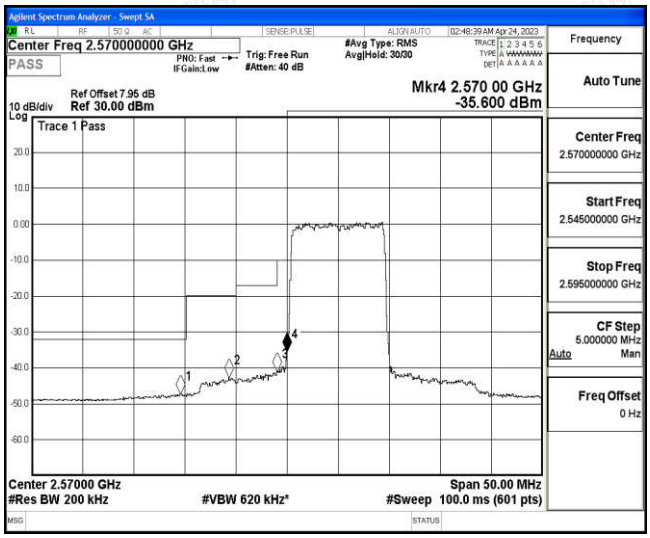
Band38-5MHz-16QAM-37775-25RB#0



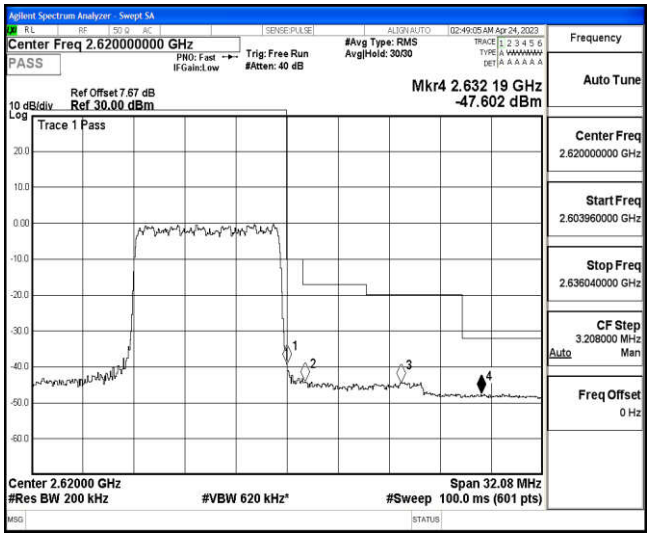
Band38-5MHz-16QAM-38225-25RB#0



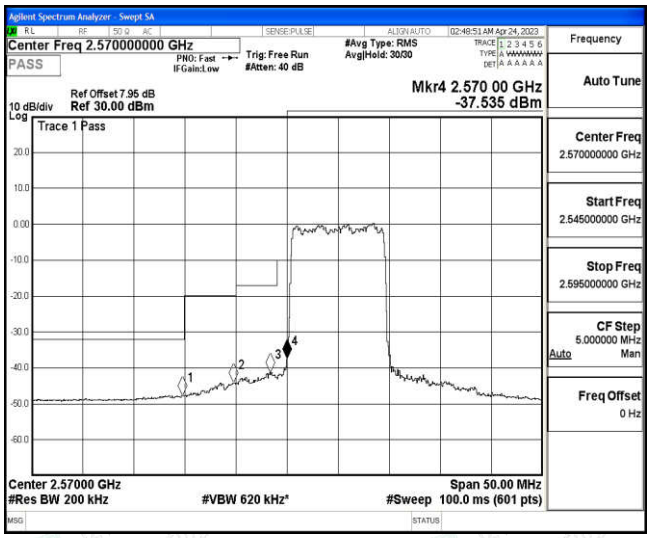
Band38-10MHz-QPSK-37800-50RB#0



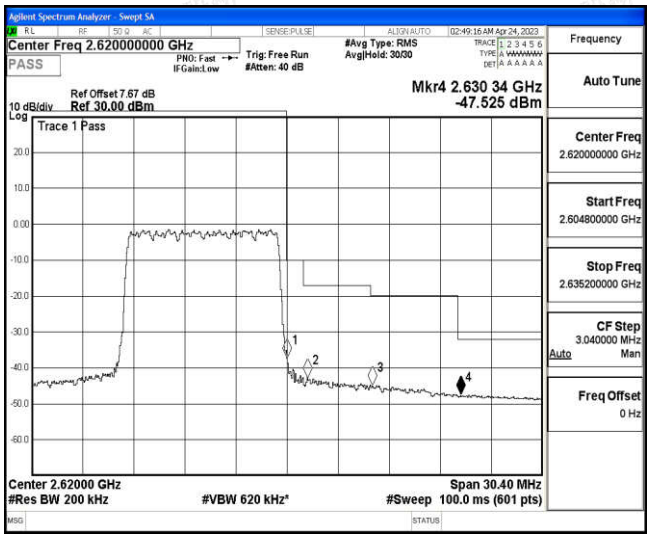
Band38-10MHz-QPSK-38200-50RB#0



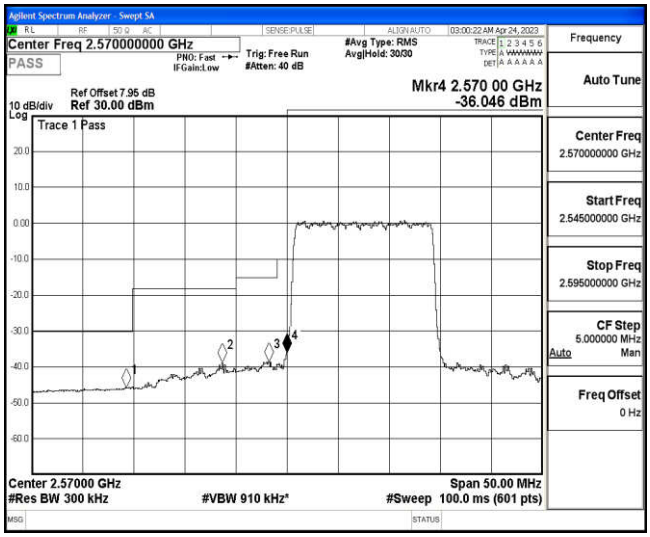
Band38-10MHz-16QAM-37800-50RB#0



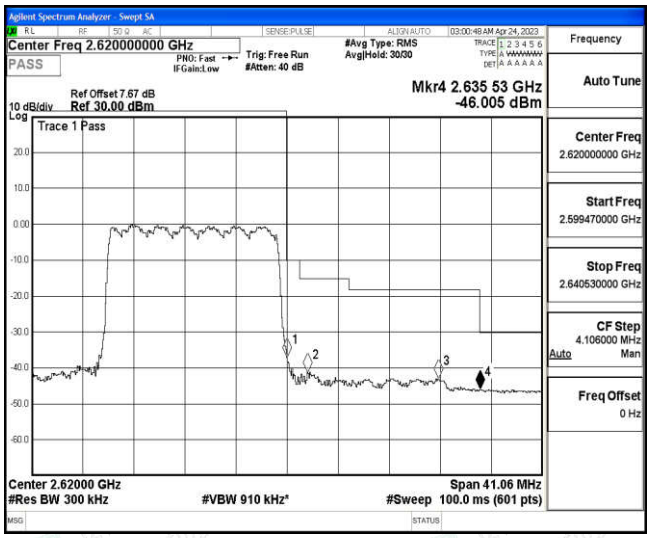
Band38-10MHz-16QAM-38200-50RB#0



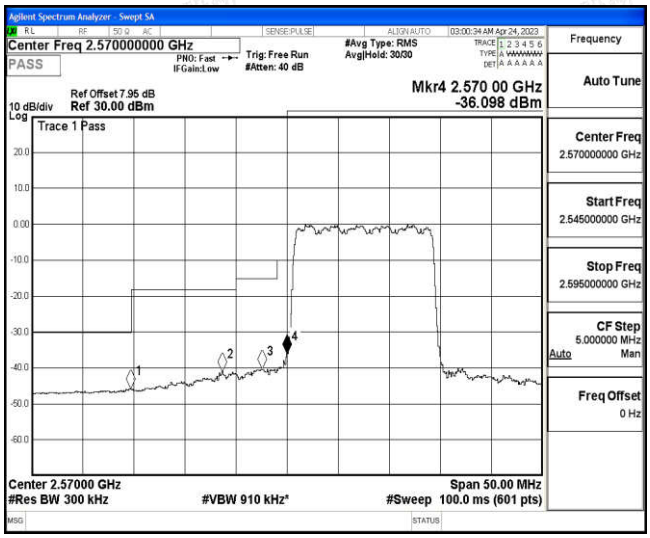
Band38-15MHz-QPSK-37825-75RB#0



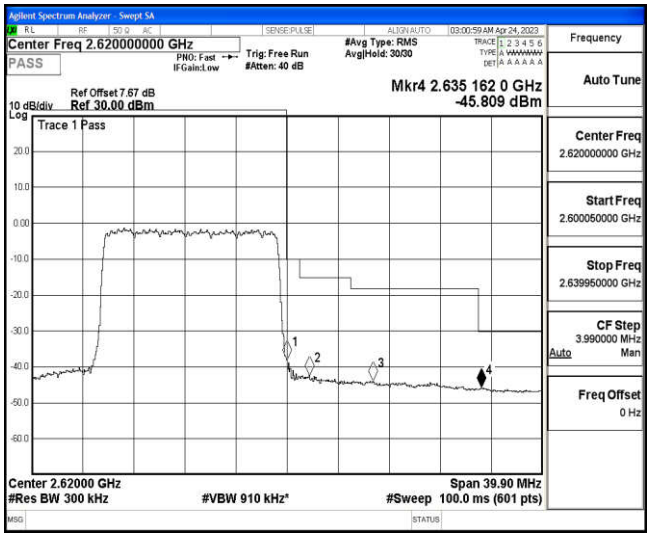
Band38-15MHz-QPSK-38175-75RB#0



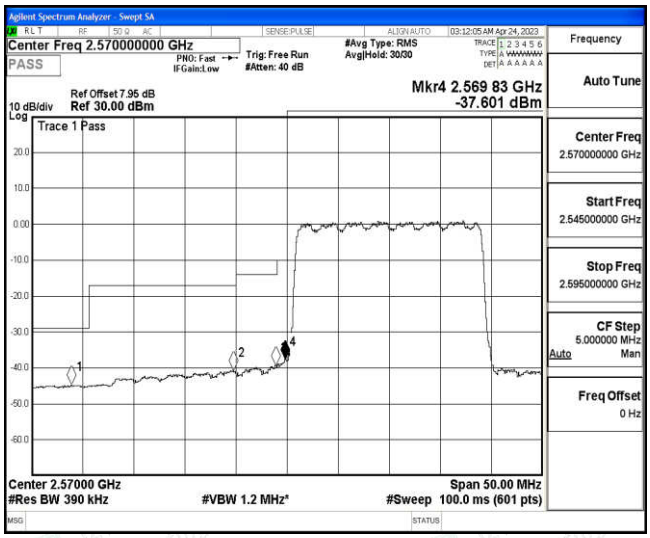
Band38-15MHz-16QAM-37825-75RB#0



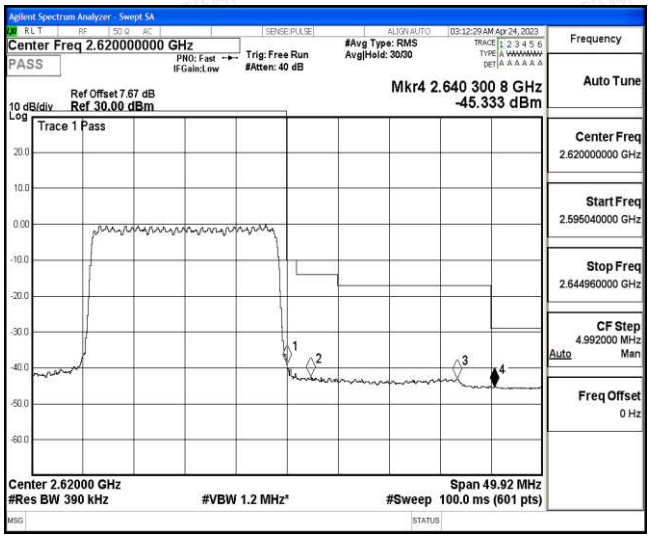
Band38-15MHz-16QAM-38175-75RB#0



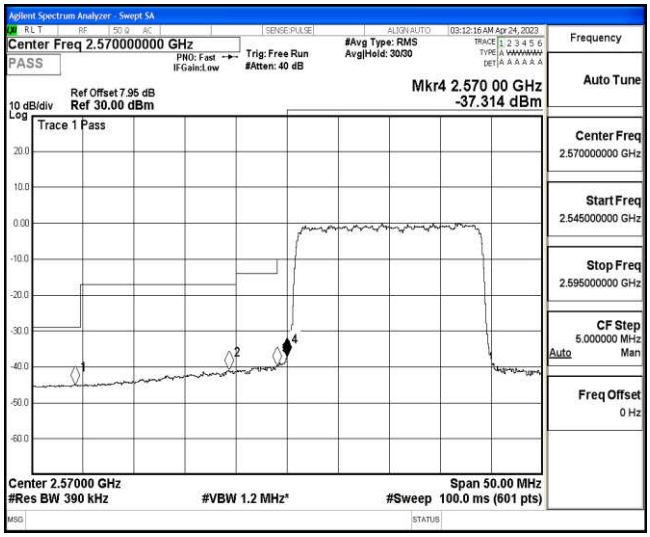
Band38-20MHz-QPSK-37850-100RB#0



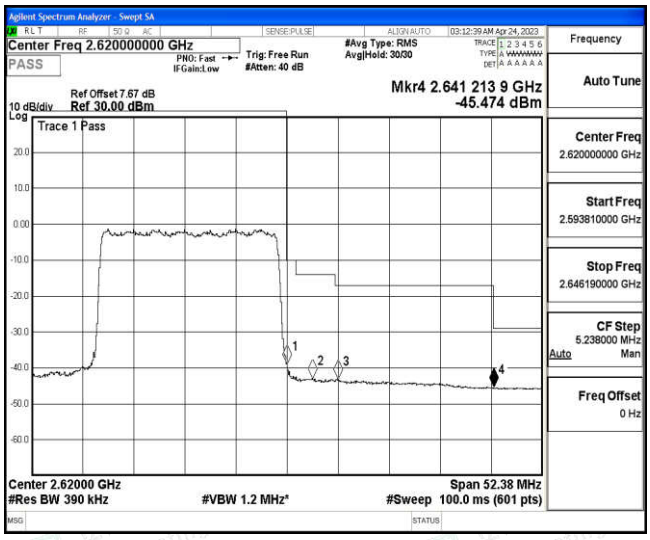
Band38-20MHz-QPSK-38150-100RB#0



Band38-20MHz-16QAM-37850-100RB#0



Band38-20MHz-16QAM-38150-100RB#0



G.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	Range1:0.009~0.15MHz	-64.71	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range2:0.15~30MHz	-50.87	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range3:30~1000MHz	-41.3	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range5:10000~20000MHz	-49.22	PASS
Band38	5MHz	QPSK	37775	1RB#0	Range6:20000~26500MHz	-36.9	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range1:0.009~0.15MHz	-67.58	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range2:0.15~30MHz	-50.53	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range3:30~1000MHz	-40.35	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range5:10000~20000MHz	-49.13	PASS
Band38	5MHz	QPSK	38000	1RB#0	Range6:20000~26500MHz	-36.96	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range1:0.009~0.15MHz	-65.82	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range2:0.15~30MHz	-51.94	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range3:30~1000MHz	-41.92	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range4:1000~10000MHz	-45.04	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range5:10000~20000MHz	-49.09	PASS
Band38	5MHz	QPSK	38225	1RB#0	Range6:20000~26500MHz	-36.76	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range1:0.009~0.15MHz	-65.1	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range2:0.15~30MHz	-52.77	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range3:30~1000MHz	-42.01	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range5:10000~20000MHz	-49.21	PASS
Band38	5MHz	16QAM	37775	1RB#0	Range6:20000~26500MHz	-36.96	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range1:0.009~0.15MHz	-65.16	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range2:0.15~30MHz	-51.92	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range3:30~1000MHz	-41.4	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range5:10000~20000MHz	-49.09	PASS
Band38	5MHz	16QAM	38000	1RB#0	Range6:20000~26500MHz	-36.91	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range1:0.009~0.15MHz	-66.27	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range2:0.15~30MHz	-50.17	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range3:30~1000MHz	-42.34	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band38	5MHz	16QAM	38225	1RB#0	Range5:10000~20000MHz	-49.24	PASS

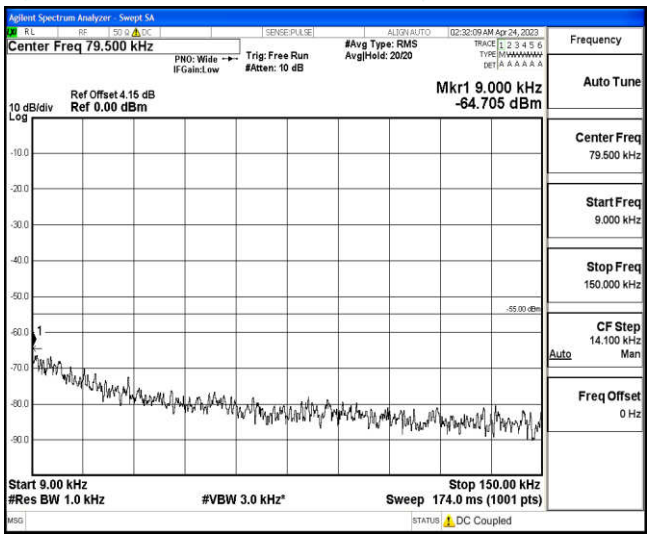
Band38	5MHz	16QAM	38225	1RB#0	Range6:20000~26500MHz	-36.9	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range1:0.009~0.15MHz	-66.23	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range2:0.15~30MHz	-52.67	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range3:30~1000MHz	-41.34	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range5:10000~20000MHz	-48.99	PASS
Band38	10MHz	QPSK	37800	1RB#0	Range6:20000~26500MHz	-37.01	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range1:0.009~0.15MHz	-65.69	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range2:0.15~30MHz	-51.84	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range3:30~1000MHz	-42.08	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range5:10000~20000MHz	-49.17	PASS
Band38	10MHz	QPSK	38000	1RB#0	Range6:20000~26500MHz	-37.03	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range1:0.009~0.15MHz	-65.28	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range2:0.15~30MHz	-51.77	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range3:30~1000MHz	-42.19	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range4:1000~10000MHz	-44.75	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range5:10000~20000MHz	-49.22	PASS
Band38	10MHz	QPSK	38200	1RB#0	Range6:20000~26500MHz	-36.95	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range1:0.009~0.15MHz	-63.98	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range2:0.15~30MHz	-50.88	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range3:30~1000MHz	-42.21	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range5:10000~20000MHz	-49.08	PASS
Band38	10MHz	16QAM	37800	1RB#0	Range6:20000~26500MHz	-36.85	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range1:0.009~0.15MHz	-65.52	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range2:0.15~30MHz	-50.42	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range3:30~1000MHz	-42.02	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range5:10000~20000MHz	-49.11	PASS
Band38	10MHz	16QAM	38000	1RB#0	Range6:20000~26500MHz	-36.85	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range1:0.009~0.15MHz	-65.17	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range2:0.15~30MHz	-51.12	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range3:30~1000MHz	-40.97	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range5:10000~20000MHz	-49.2	PASS
Band38	10MHz	16QAM	38200	1RB#0	Range6:20000~26500MHz	-36.83	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range1:0.009~0.15MHz	-66.55	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range2:0.15~30MHz	-48.73	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range3:30~1000MHz	-41.69	PASS

Band38	15MHz	QPSK	37825	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range5:10000~20000MHz	-49.05	PASS
Band38	15MHz	QPSK	37825	1RB#0	Range6:20000~26500MHz	-36.89	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range1:0.009~0.15MHz	-65.02	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range2:0.15~30MHz	-51.23	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range3:30~1000MHz	-42.79	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range5:10000~20000MHz	-49.15	PASS
Band38	15MHz	QPSK	38000	1RB#0	Range6:20000~26500MHz	-36.87	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range1:0.009~0.15MHz	-65.13	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range2:0.15~30MHz	-49.73	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range3:30~1000MHz	-42.28	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range4:1000~10000MHz	-44.72	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range5:10000~20000MHz	-49.28	PASS
Band38	15MHz	QPSK	38175	1RB#0	Range6:20000~26500MHz	-36.98	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range1:0.009~0.15MHz	-65.93	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range2:0.15~30MHz	-51.85	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range3:30~1000MHz	-42.21	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range4:1000~10000MHz	-45.07	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range5:10000~20000MHz	-49.16	PASS
Band38	15MHz	16QAM	37825	1RB#0	Range6:20000~26500MHz	-36.9	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range1:0.009~0.15MHz	-65.09	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range2:0.15~30MHz	-51.61	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range3:30~1000MHz	-41.57	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range5:10000~20000MHz	-49.15	PASS
Band38	15MHz	16QAM	38000	1RB#0	Range6:20000~26500MHz	-37.12	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range1:0.009~0.15MHz	-63.89	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range2:0.15~30MHz	-51.8	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range3:30~1000MHz	-41.23	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range5:10000~20000MHz	-49.08	PASS
Band38	15MHz	16QAM	38175	1RB#0	Range6:20000~26500MHz	-36.98	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range1:0.009~0.15MHz	-66.99	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range2:0.15~30MHz	-51.36	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range3:30~1000MHz	-42.5	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range4:1000~10000MHz	-44.96	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range5:10000~20000MHz	-49.14	PASS
Band38	20MHz	QPSK	37850	1RB#0	Range6:20000~26500MHz	-36.84	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range1:0.009~0.15MHz	-63.99	PASS

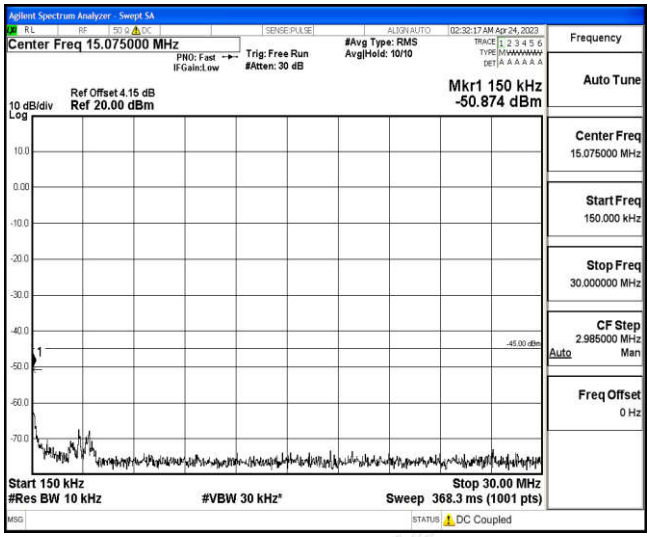
Band38	20MHz	QPSK	38000	1RB#0	Range2:0.15~30MHz	-51.11	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range3:30~1000MHz	-41.79	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range4:1000~10000MHz	-45.03	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range5:10000~20000MHz	-49.21	PASS
Band38	20MHz	QPSK	38000	1RB#0	Range6:20000~26500MHz	-37.14	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range1:0.009~0.15MHz	-64.29	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range2:0.15~30MHz	-51.36	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range3:30~1000MHz	-42.31	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range5:10000~20000MHz	-49.13	PASS
Band38	20MHz	QPSK	38150	1RB#0	Range6:20000~26500MHz	-37.05	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range1:0.009~0.15MHz	-64.35	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range2:0.15~30MHz	-51.14	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range3:30~1000MHz	-42.21	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range5:10000~20000MHz	-49.17	PASS
Band38	20MHz	16QAM	37850	1RB#0	Range6:20000~26500MHz	-37.02	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range1:0.009~0.15MHz	-66.14	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range2:0.15~30MHz	-50.62	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range3:30~1000MHz	-42.82	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range5:10000~20000MHz	-48.98	PASS
Band38	20MHz	16QAM	38000	1RB#0	Range6:20000~26500MHz	-37.04	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range1:0.009~0.15MHz	-65.1	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range2:0.15~30MHz	-51.78	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range3:30~1000MHz	-41.86	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range5:10000~20000MHz	-49.17	PASS
Band38	20MHz	16QAM	38150	1RB#0	Range6:20000~26500MHz	-37.01	PASS

Test Graphs

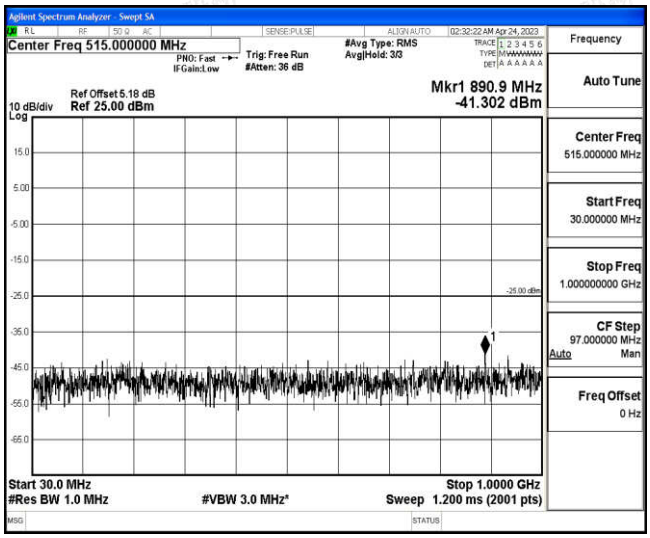
Band38-5MHz-QPSK-37775-1RB#0-Range1:0.009~0.15MHz



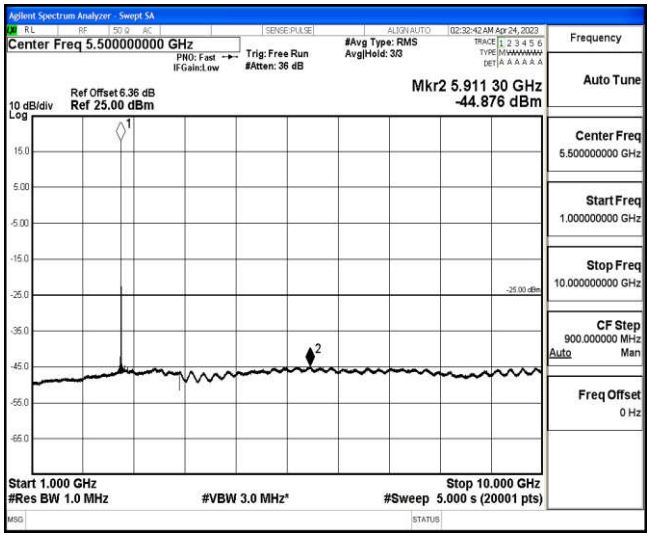
Band38-5MHz-QPSK-37775-1RB#0-Range2:0.15~30MHz



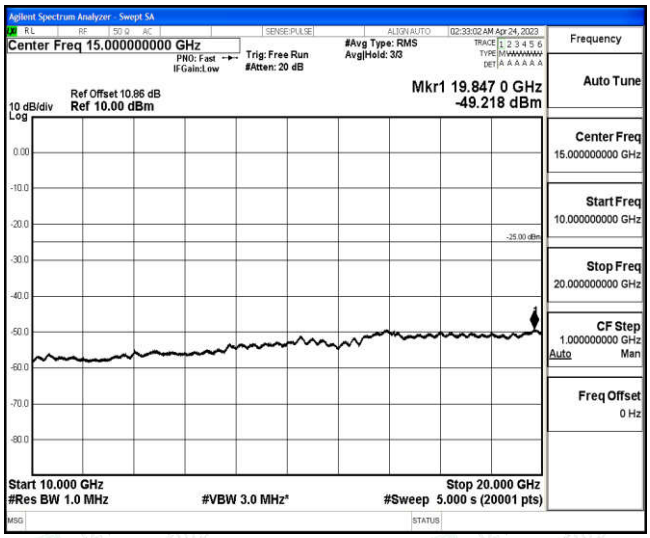
Band38-5MHz-QPSK-37775-1RB#0-Range3:30~1000MHz



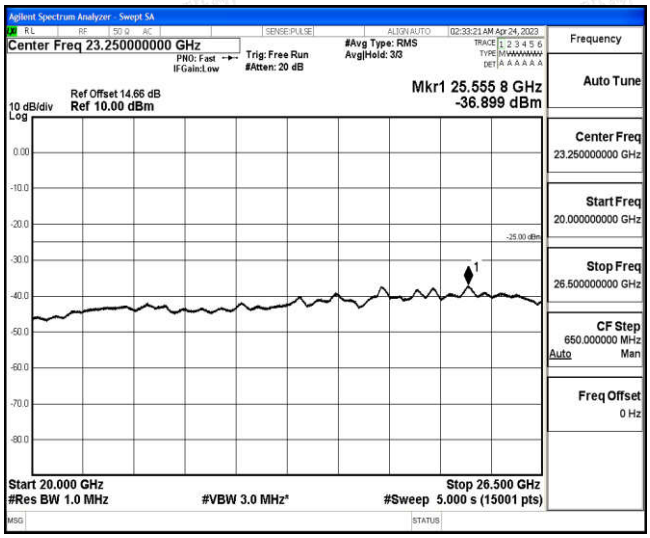
Band38-5MHz-QPSK-37775-1RB#0-Range4:1000~10000MHz



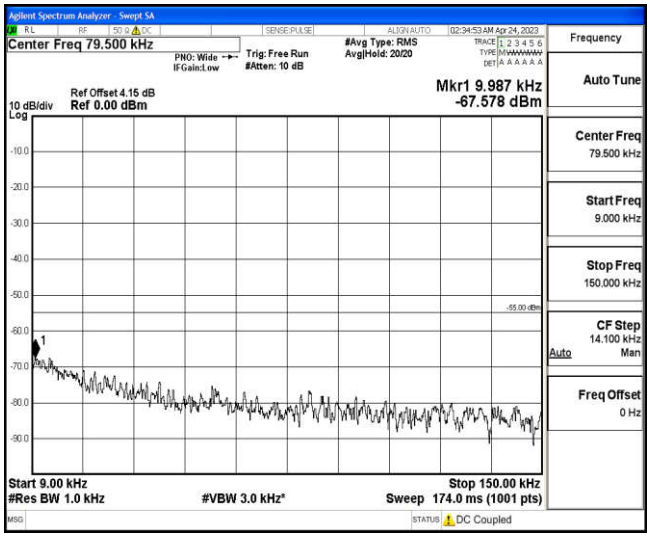
Band38-5MHz-QPSK-37775-1RB#0-Range5:10000~20000MHz



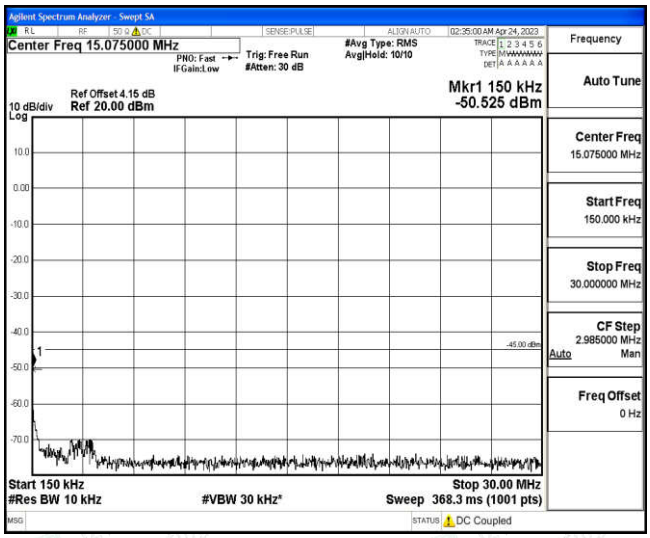
Band38-5MHz-QPSK-37775-1RB#0-Range6:20000~26500MHz



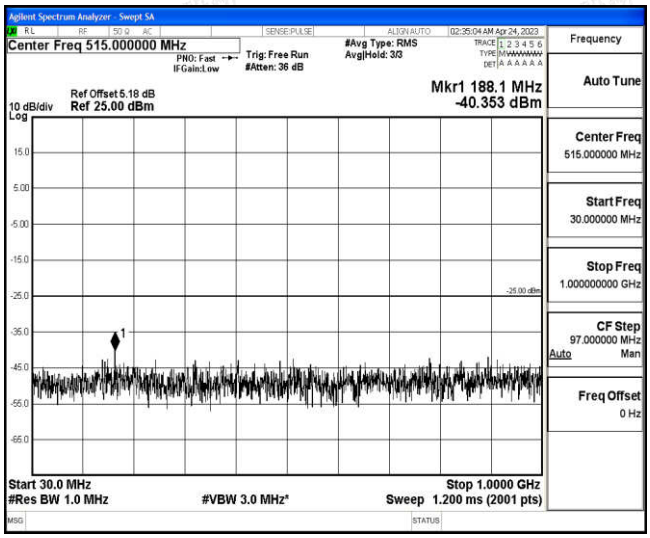
Band38-5MHz-QPSK-38000-1RB#0-Range1:0.009~0.15MHz



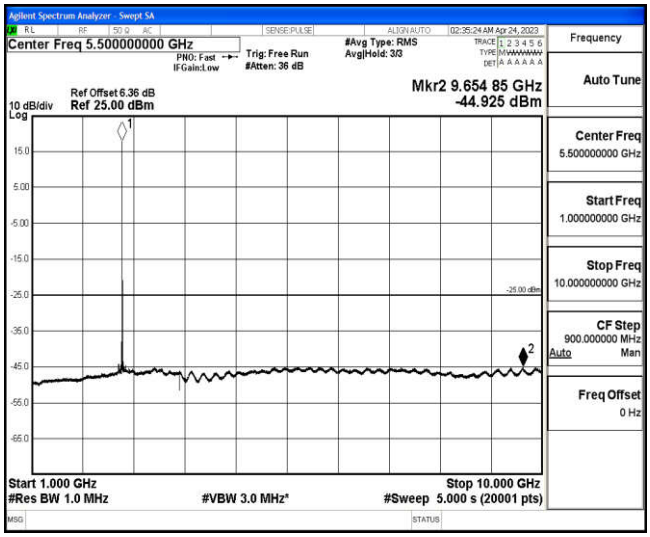
Band38-5MHz-QPSK-38000-1RB#0-Range2:0.15~30MHz



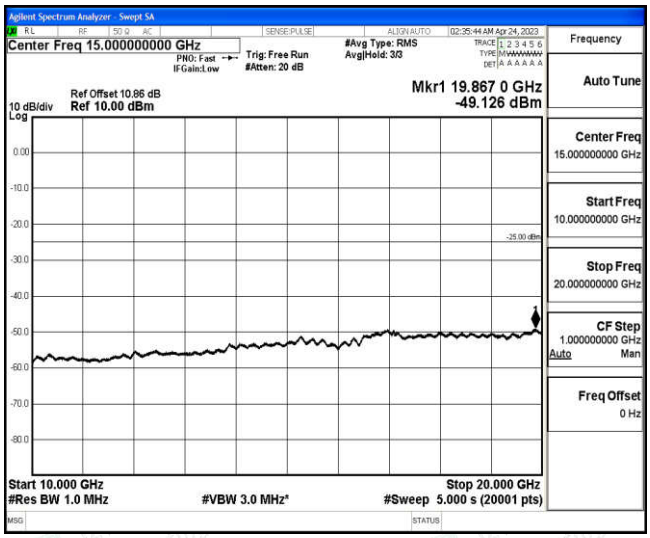
Band38-5MHz-QPSK-38000-1RB#0-Range3:30~1000MHz



Band38-5MHz-QPSK-38000-1RB#0-Range4:1000~10000MHz



Band38-5MHz-QPSK-38000-1RB#0-Range5:10000~20000MHz



Band38-5MHz-QPSK-38000-1RB#0-Range6:20000~26500MHz