Appendix H: Test Data for E-UTRA Band 41

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

H.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	20.00	PASS
Band41	5MHz	QPSK	39675	1RB#12	20.02	PASS
Band41	5MHz	QPSK	39675	1RB#24	19.92	PASS
Band41	5MHz	QPSK	39675	12RB#0	19.52	PASS
Band41	5MHz	QPSK	39675	12RB#6	19.52	PASS
Band41	5MHz	QPSK	39675	12RB#13	19.51	PASS
Band41	5MHz	QPSK	39675	25RB#0	19.45	PASS
Band41	5MHz	QPSK	40620	1RB#0	20.43	PASS
Band41	5MHz	QPSK	40620	1RB#12	20.27	PASS
Band41	5MHz	QPSK	40620	1RB#24	20.27	PASS
Band41	5MHz	QPSK	40620	12RB#0	19.85	PASS
Band41	5MHz	QPSK	40620	12RB#6	19.87	PASS
Band41	5MHz	QPSK	40620	12RB#13	19.83	PASS
Band41	5MHz	QPSK	40620	25RB#0	19.87	PASS
Band41	5MHz	QPSK	41565	1RB#0	19.74	PASS
Band41	5MHz	QPSK	41565	1RB#12	19.77	PASS
Band41	5MHz	QPSK	41565	1RB#24	19.86	PASS
Band41	5MHz	QPSK	41565	12RB#0	19.39	PASS
Band41	5MHz	QPSK	41565	12RB#6	19.40	PASS
Band41	5MHz	QPSK	41565	12RB#13	19.25	PASS
Band41	5MHz	QPSK	41565	25RB#0	19.26	PASS
Band41	5MHz	16QAM	39675	1RB#0	19.94	PASS
Band41	5MHz	16QAM	39675	1RB#12	19.91	PASS
Band41	5MHz	16QAM	39675	1RB#24	19.92	PASS
Band41	5MHz	16QAM	39675	12RB#0	18.52	PASS
Band41	5MHz	16QAM	39675	12RB#6	18.52	PASS
Band41	5MHz	16QAM	39675	12RB#13	18.45	PASS
Band41	5MHz	16QAM	39675	25RB#0	18.55	PASS
Band41	5MHz	16QAM	40620	1RB#0	20.40	PASS
Band41	5MHz	16QAM	40620	1RB#12	20.34	PASS
Band41	5MHz	16QAM	40620	1RB#24	20.22	PASS

Band41	5MHz	16QAM	40620	12RB#0	18.87	PASS
Band41	5MHz	16QAM	40620	12RB#6	18.89	PASS
Band41	5MHz	16QAM	40620	12RB#13	18.73	PASS
Band41	5MHz	16QAM	40620	25RB#0	18.90	PASS
Band41	5MHz	16QAM	41565	1RB#0	19.76	PASS
Band41	5MHz	16QAM	41565	1RB#12	19.90	PASS
Band41	5MHz	16QAM	41565	1RB#24	19.67	PASS
Band41	5MHz	16QAM	41565	12RB#0	18.41	PASS
Band41	5MHz	16QAM	41565	12RB#6	18.41	PASS
Band41	5MHz	16QAM	41565	12RB#13	18.38	PASS
Band41	5MHz	16QAM	41565	25RB#0	18.44	PASS
Band41	10MHz	QPSK	39700	1RB#0	19.69	PASS
Band41	10MHz	QPSK	39700	1RB#24	19.81	PASS
Band41	10MHz	QPSK	39700	1RB#49	19.66	PASS
Band41	10MHz	QPSK	39700	25RB#0	19.33	PASS
Band41	10MHz	QPSK	39700	25RB#12	19.33	PASS
Band41	10MHz	QPSK	39700	25RB#25	19.37	PASS
Band41	10MHz	QPSK	39700	50RB#0	19.26	PASS
Band41	10MHz	QPSK	40620	1RB#0	20.26	PASS
Band41	10MHz	QPSK	40620	1RB#24	20.24	PASS
Band41	10MHz	QPSK	40620	1RB#49	20.02	PASS
Band41	10MHz	QPSK	40620	25RB#0	19.87	PASS
Band41	10MHz	QPSK	40620	25RB#12	19.89	PASS
Band41	10MHz	QPSK	40620	25RB#25	19.69	PASS
Band41	10MHz	QPSK	40620	50RB#0	19.77	PASS
Band41	10MHz	QPSK	41540	1RB#0	19.43	PASS
Band41	10MHz	QPSK	41540	1RB#24	19.65	PASS
Band41	10MHz	QPSK	41540	1RB#49	19.71	PASS
Band41	10MHz	QPSK	41540	25RB#0	19.07	PASS
Band41	10MHz	QPSK	41540	25RB#12	19.08	PASS
Band41	10MHz	QPSK	41540	25RB#25	19.28	PASS
Band41	10MHz	QPSK	41540	50RB#0	19.23	PASS
Band41	10MHz	16QAM	39700	1RB#0	19.46	PASS
Band41	10MHz	16QAM	39700	1RB#24	19.49	PASS
Band41	10MHz	16QAM	39700	1RB#49	19.27	PASS

Band41	10MHz	16QAM	39700	25RB#0	18.55	PASS
Band41	10MHz	16QAM	39700	25RB#12	18.38	PASS
Band41	10MHz	16QAM	39700	25RB#25	18.29	PASS
Band41	10MHz	16QAM	39700	50RB#0	18.41	PASS
Band41	10MHz	16QAM	40620	1RB#0	19.96	PASS
Band41	10MHz	16QAM	40620	1RB#24	19.81	PASS
Band41	10MHz	16QAM	40620	1RB#49	19.66	PASS
Band41	10MHz	16QAM	40620	25RB#0	18.93	PASS
Band41	10MHz	16QAM	40620	25RB#12	18.92	PASS
Band41	10MHz	16QAM	40620	25RB#25	18.75	PASS
Band41	10MHz	16QAM	40620	50RB#0	18.86	PASS
Band41	10MHz	16QAM	41540	1RB#0	19.05	PASS
Band41	10MHz	16QAM	41540	1RB#24	19.36	PASS
Band41	10MHz	16QAM	41540	1RB#49	19.38	PASS
Band41	10MHz	16QAM	41540	25RB#0	18.24	PASS
Band41	10MHz	16QAM	41540	25RB#12	18.24	PASS
Band41	10MHz	16QAM	41540	25RB#25	18.29	PASS
Band41	10MHz	16QAM	41540	50RB#0	18.29	PASS
Band41	15MHz	QPSK	39725	1RB#0	19.83	PASS
Band41	15MHz	QPSK	39725	1RB#38	19.75	PASS
Band41	15MHz	QPSK	39725	1RB#74	19.60	PASS
Band41	15MHz	QPSK	39725	38RB#0	19.28	PASS
Band41	15MHz	QPSK	39725	38RB#18	19.27	PASS
Band41	15MHz	QPSK	39725	38RB#37	19.26	PASS
Band41	15MHz	QPSK	39725	75RB#0	19.27	PASS
Band41	15MHz	QPSK	40620	1RB#0	20.42	PASS
Band41	15MHz	QPSK	40620	1RB#38	20.14	PASS
Band41	15MHz	QPSK	40620	1RB#74	19.86	PASS
Band41	15MHz	QPSK	40620	38RB#0	19.69	PASS
Band41	15MHz	QPSK	40620	38RB#18	19.65	PASS
Band41	15MHz	QPSK	40620	38RB#37	19.65	PASS
Band41	15MHz	QPSK	40620	75RB#0	19.84	PASS
Band41	15MHz	QPSK	41515	1RB#0	19.23	PASS
Band41	15MHz	QPSK	41515	1RB#38	19.55	PASS
Band41	15MHz	QPSK	41515	1RB#74	19.64	PASS

Band41	15MHz	QPSK	41515	38RB#0	19.20	PASS
Band41	15MHz	QPSK	41515	38RB#18	19.19	PASS
Band41	15MHz	QPSK	41515	38RB#37	19.19	PASS
Band41	15MHz	QPSK	41515	75RB#0	19.18	PASS
Band41	15MHz	16QAM	39725	1RB#0	19.46	PASS
Band41	15MHz	16QAM	39725	1RB#38	19.46	PASS
Band41	15MHz	16QAM	39725	1RB#74	19.26	PASS
Band41	15MHz	16QAM	39725	38RB#0	19.28	PASS
Band41	15MHz	16QAM	39725	38RB#18	19.26	PASS
Band41	15MHz	16QAM	39725	38RB#37	19.26	PASS
Band41	15MHz	16QAM	39725	75RB#0	18.27	PASS
Band41	15MHz	16QAM	40620	1RB#0	19.90	PASS
Band41	15MHz	16QAM	40620	1RB#38	19.75	PASS
Band41	15MHz	16QAM	40620	1RB#74	19.53	PASS
Band41	15MHz	16QAM	40620	38RB#0	19.84	PASS
Band41	15MHz	16QAM	40620	38RB#18	19.65	PASS
Band41	15MHz	16QAM	40620	38RB#37	19.84	PASS
Band41	15MHz	16QAM	40620	75RB#0	18.92	PASS
Band41	15MHz	16QAM	41515	1RB#0	18.87	PASS
Band41	15MHz	16QAM	41515	1RB#38	19.28	PASS
Band41	15MHz	16QAM	41515	1RB#74	19.41	PASS
Band41	15MHz	16QAM	41515	38RB#0	19.19	PASS
Band41	15MHz	16QAM	41515	38RB#18	19.19	PASS
Band41	15MHz	16QAM	41515	38RB#37	19.18	PASS
Band41	15MHz	16QAM	41515	75RB#0	18.32	PASS
Band41	20MHz	QPSK	39750	1RB#0	19.95	PASS
Band41	20MHz	QPSK	39750	1RB#49	19.89	PASS
Band41	20MHz	QPSK	39750	1RB#99	19.57	PASS
Band41	20MHz	QPSK	39750	50RB#0	19.46	PASS
Band41	20MHz	QPSK	39750	50RB#25	19.47	PASS
Band41	20MHz	QPSK	39750	50RB#50	19.18	PASS
Band41	20MHz	QPSK	39750	100RB#0	19.25	PASS
Band41	20MHz	QPSK	40620	1RB#0	20.52	PASS
Band41	20MHz	QPSK	40620	1RB#49	20.36	PASS
Band41	20MHz	QPSK	40620	1RB#99	19.88	PASS

Band41	20MHz	QPSK	40620	50RB#0	20.00	PASS
Band41	20MHz	QPSK	40620	50RB#25	20.04	PASS
Band41	20MHz	QPSK	40620	50RB#50	19.65	PASS
Band41	20MHz	QPSK	40620	100RB#0	19.79	PASS
Band41	20MHz	QPSK	41490	1RB#0	19.42	PASS
Band41	20MHz	QPSK	41490	1RB#49	19.50	PASS
Band41	20MHz	QPSK	41490	1RB#99	19.85	PASS
Band41	20MHz	QPSK	41490	50RB#0	19.05	PASS
Band41	20MHz	QPSK	41490	50RB#25	18.94	PASS
Band41	20MHz	QPSK	41490	50RB#50	19.29	PASS
Band41	20MHz	QPSK	41490	100RB#0	19.02	PASS
Band41	20MHz	16QAM	39750	1RB#0	19.93	PASS
Band41	20MHz	16QAM	39750	1RB#49	19.77	PASS
Band41	20MHz	16QAM	39750	1RB#99	19.55	PASS
Band41	20MHz	16QAM	39750	50RB#0	18.56	PASS
Band41	20MHz	16QAM	39750	50RB#25	18.56	PASS
Band41	20MHz	16QAM	39750	50RB#50	18.45	PASS
Band41	20MHz	16QAM	39750	100RB#0	18.30	PASS
Band41	20MHz	16QAM	40620	1RB#0	20.60	PASS
Band41	20MHz	16QAM	40620	1RB#49	20.23	PASS
Band41	20MHz	16QAM	40620	1RB#99	19.74	PASS
Band41	20MHz	16QAM	40620	50RB#0	19.15	PASS
Band41	20MHz	16QAM	40620	50RB#25	19.15	PASS
Band41	20MHz	16QAM	40620	50RB#50	18.88	PASS
Band41	20MHz	16QAM	40620	100RB#0	18.97	PASS
Band41	20MHz	16QAM	41490	1RB#0	19.27	PASS
Band41	20MHz	16QAM	41490	1RB#49	19.39	PASS
Band41	20MHz	16QAM	41490	1RB#99	19.70	PASS
Band41	20MHz	16QAM	41490	50RB#0	18.08	PASS
Band41	20MHz	16QAM	41490	50RB#25	18.09	PASS
Band41	20MHz	16QAM	41490	50RB#50	18.60	PASS
Band41	20MHz	16QAM	41490	100RB#0	18.15	PASS

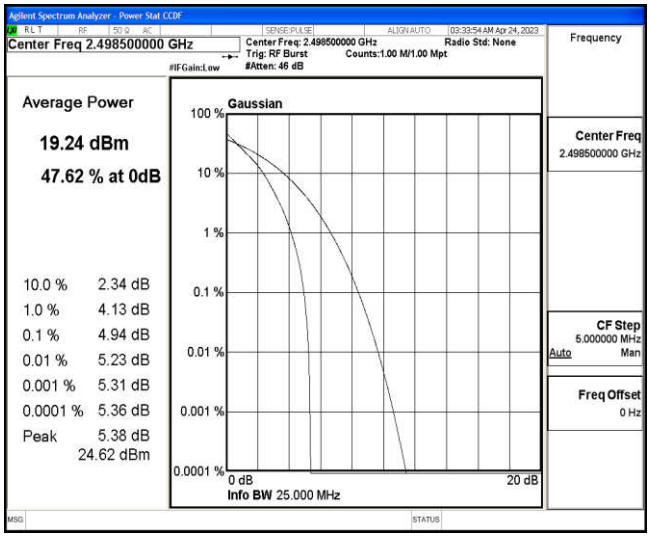
H.2 Peak-to-Average Ratio(CCDF)

Test Result

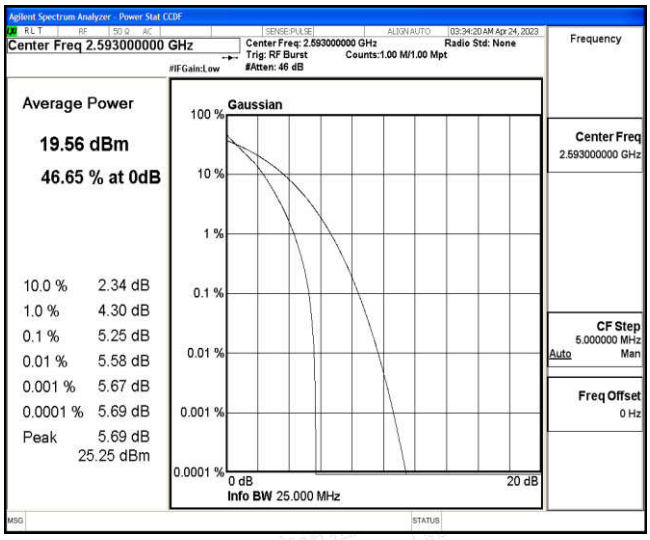
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.94	13	PASS
Band41	5MHz	QPSK	40620	25RB#0	5.25	13	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.80	13	PASS
Band41	5MHz	16QAM	39675	25RB#0	5.76	13	PASS
Band41	5MHz	16QAM	40620	25RB#0	5.97	13	PASS
Band41	5MHz	16QAM	41565	25RB#0	5.59	13	PASS
Band41	10MHz	QPSK	39700	50RB#0	5.11	13	PASS
Band41	10MHz	QPSK	40620	50RB#0	5.38	13	PASS
Band41	10MHz	QPSK	41540	50RB#0	4.93	13	PASS
Band41	10MHz	16QAM	39700	50RB#0	5.88	13	PASS
Band41	10MHz	16QAM	40620	50RB#0	6.07	13	PASS
Band41	10MHz	16QAM	41540	50RB#0	5.76	13	PASS
Band41	15MHz	QPSK	39725	75RB#0	5.43	13	PASS
Band41	15MHz	QPSK	40620	75RB#0	5.61	13	PASS
Band41	15MHz	QPSK	41515	75RB#0	5.38	13	PASS
Band41	15MHz	16QAM	39725	75RB#0	6.10	13	PASS
Band41	15MHz	16QAM	40620	75RB#0	6.19	13	PASS
Band41	15MHz	16QAM	41515	75RB#0	5.96	13	PASS
Band41	20MHz	QPSK	39750	100RB#0	5.31	13	PASS
Band41	20MHz	QPSK	40620	100RB#0	5.44	13	PASS
Band41	20MHz	QPSK	41490	100RB#0	5.36	13	PASS
Band41	20MHz	16QAM	39750	100RB#0	6.09	13	PASS
Band41	20MHz	16QAM	40620	100RB#0	6.16	13	PASS
Band41	20MHz	16QAM	41490	100RB#0	6.07	13	PASS

Test Graphs

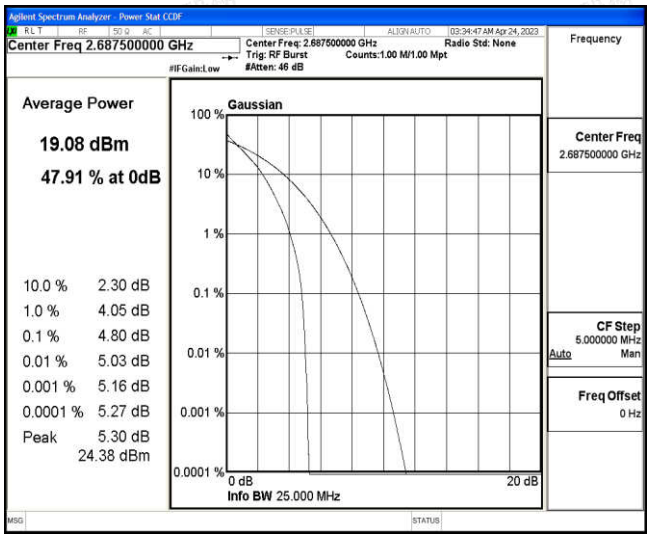
Band41-5MHz-QPSK-39675-25RB#0



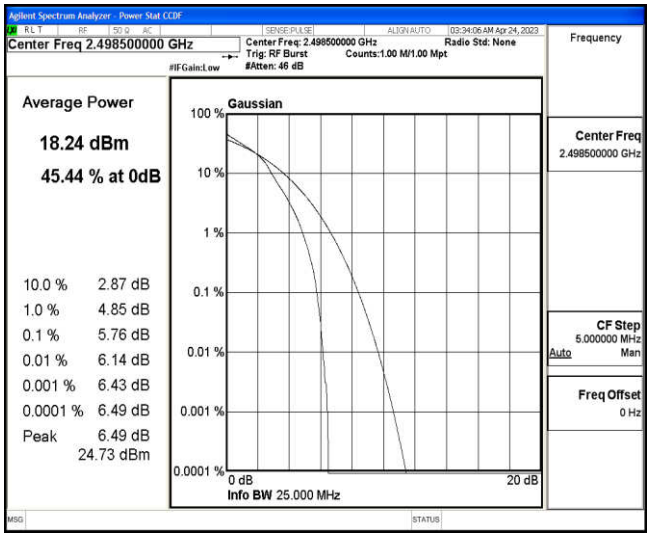
Band41-5MHz-QPSK-40620-25RB#0



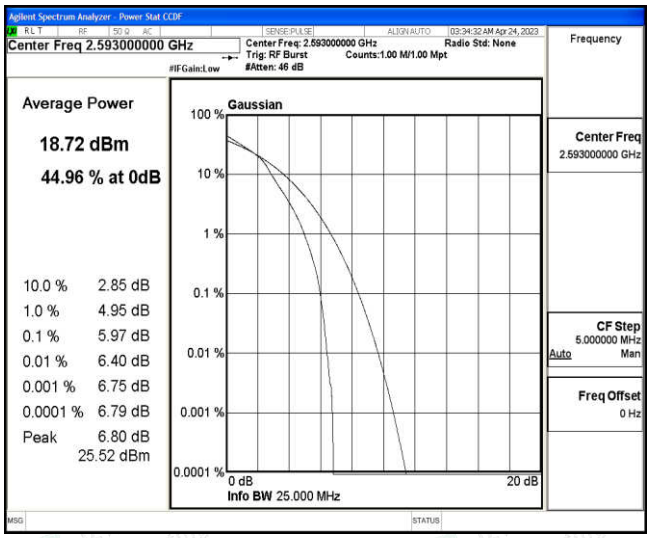
Band41-5MHz-QPSK-41565-25RB#0



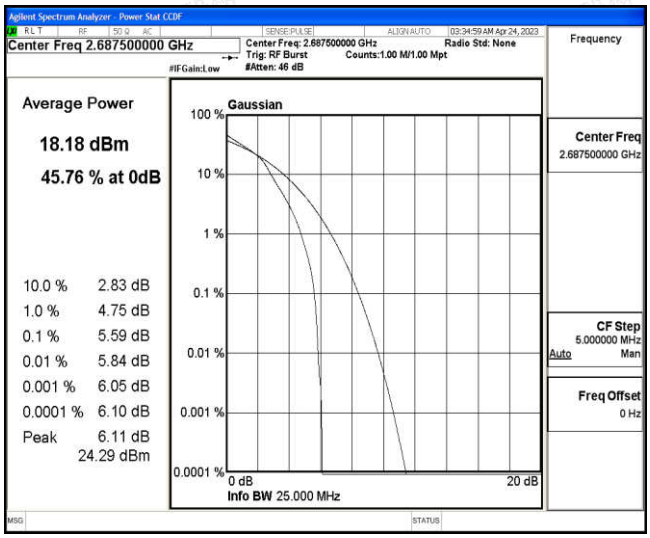
Band41-5MHz-16QAM-39675-25RB#0



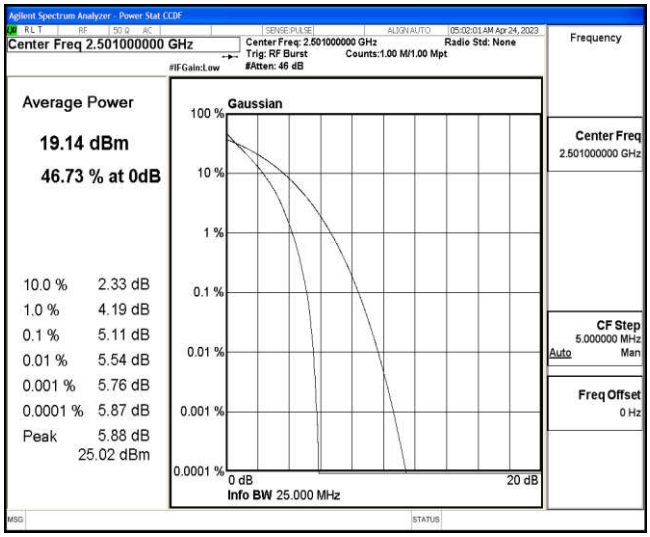
Band41-5MHz-16QAM-40620-25RB#0



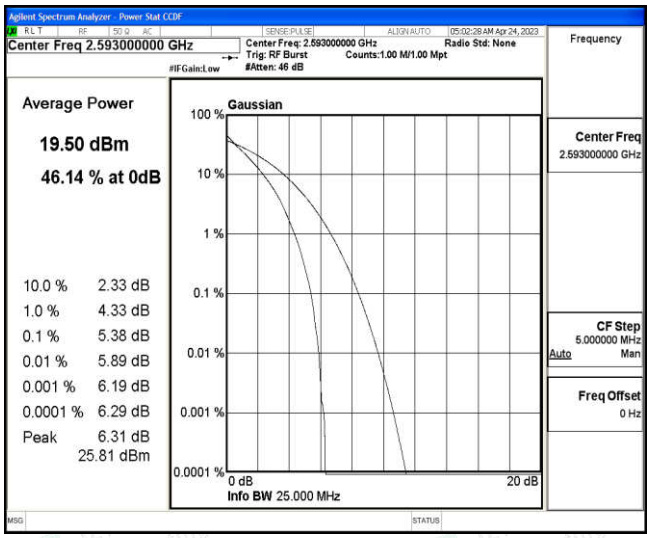
Band41-5MHz-16QAM-41565-25RB#0



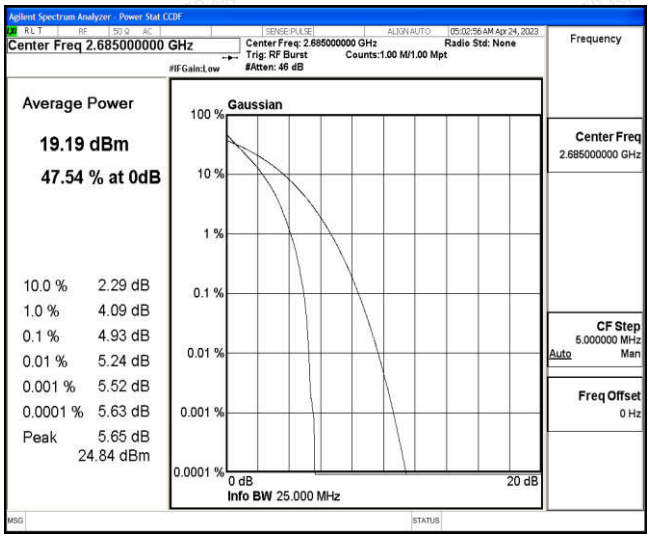
Band41-10MHz-QPSK-39700-50RB#0



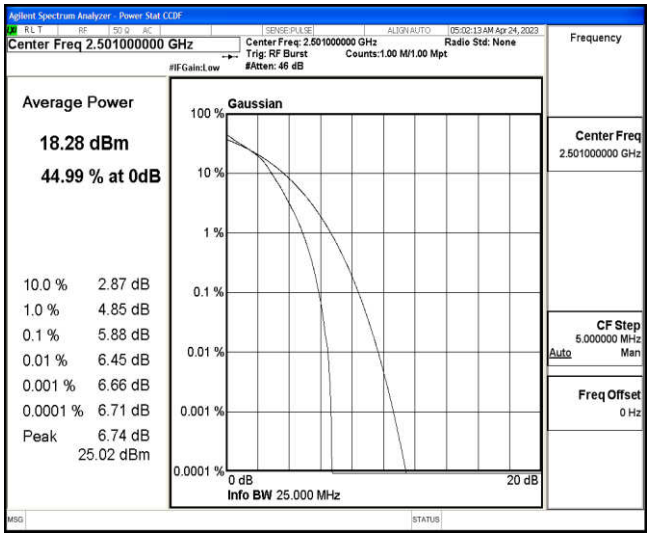
Band41-10MHz-QPSK-40620-50RB#0



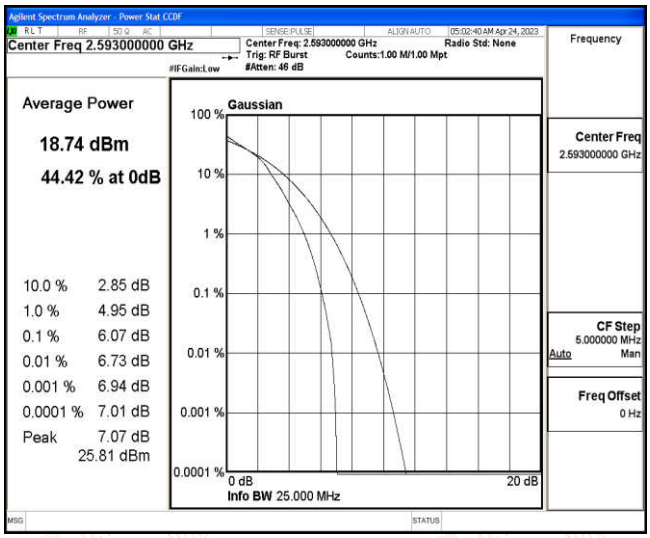
Band41-10MHz-QPSK-41540-50RB#0



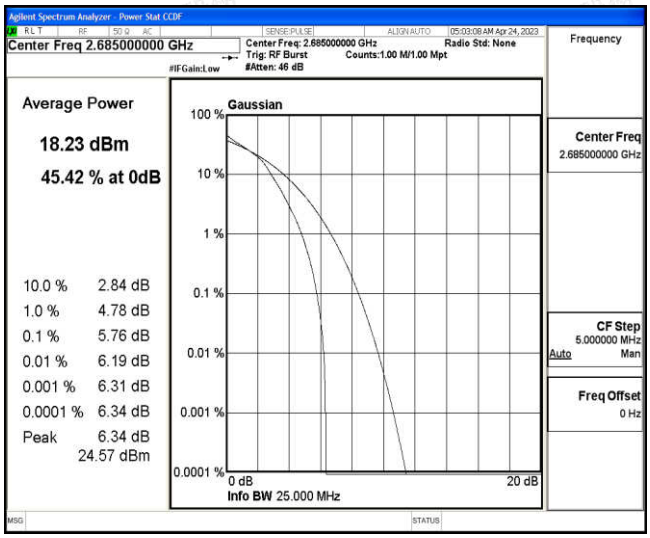
Band41-10MHz-16QAM-39700-50RB#0



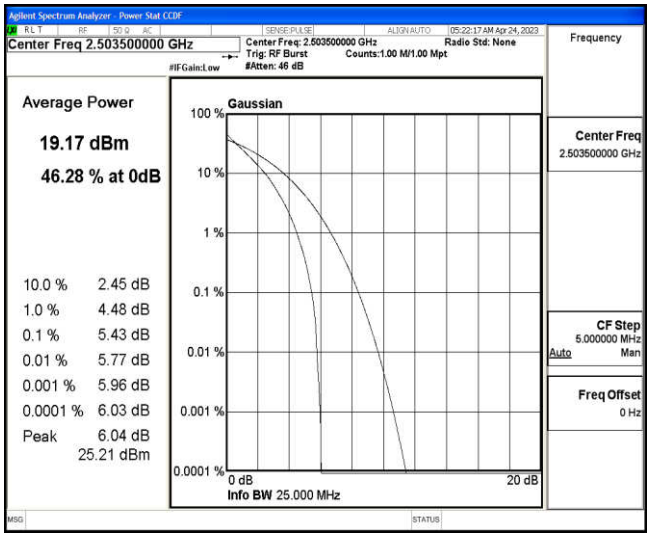
Band41-10MHz-16QAM-40620-50RB#0



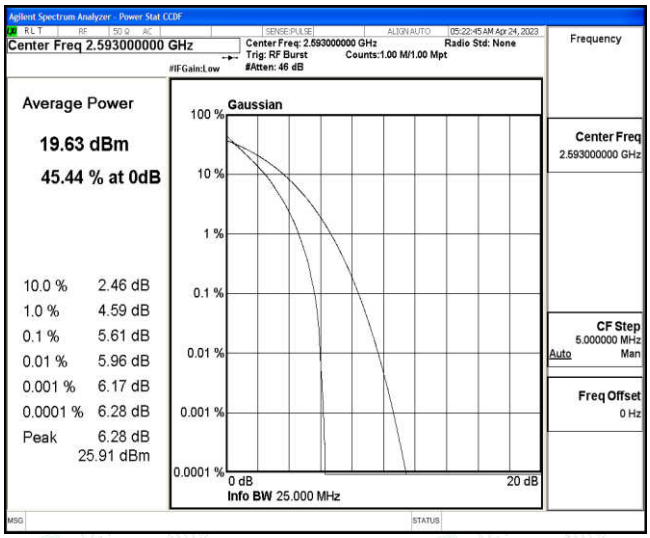
Band41-10MHz-16QAM-41540-50RB#0



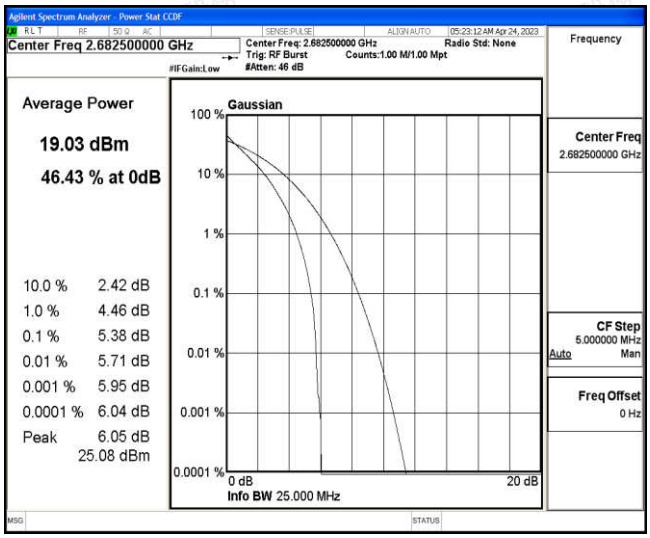
Band41-15MHz-QPSK-39725-75RB#0



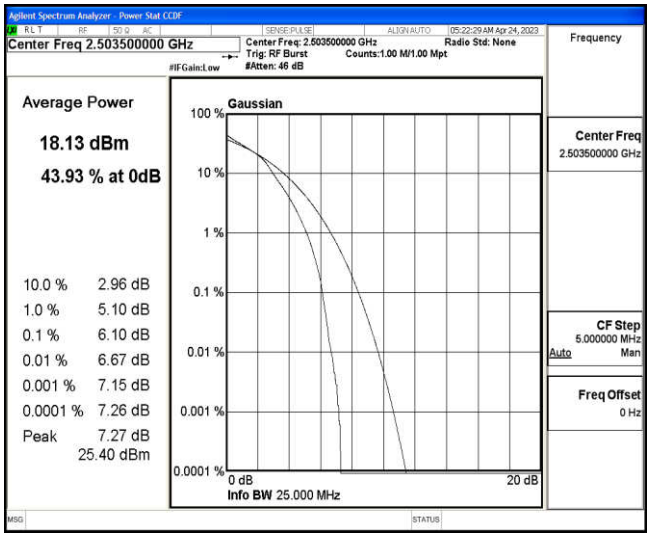
Band41-15MHz-QPSK-40620-75RB#0



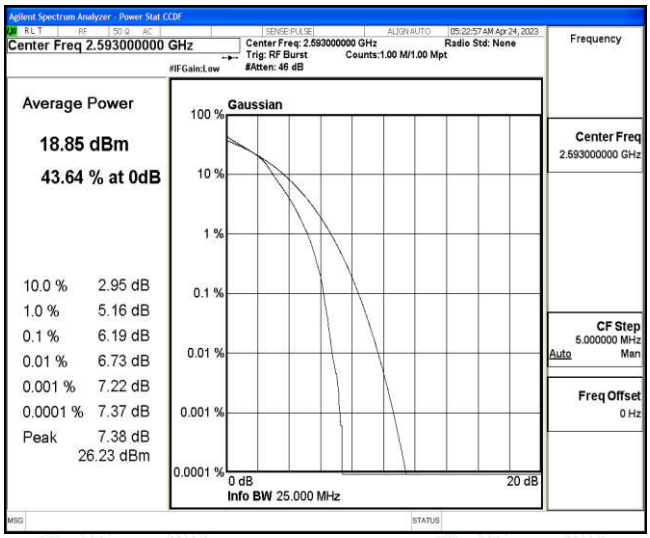
Band41-15MHz-QPSK-41515-75RB#0



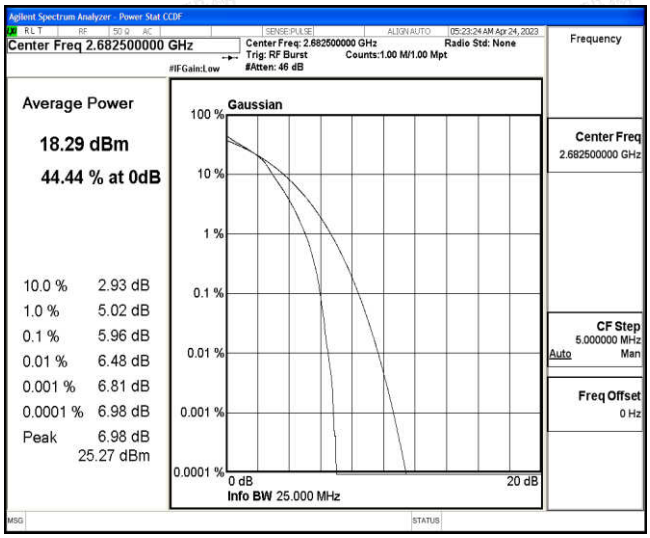
Band41-15MHz-16QAM-39725-75RB#0



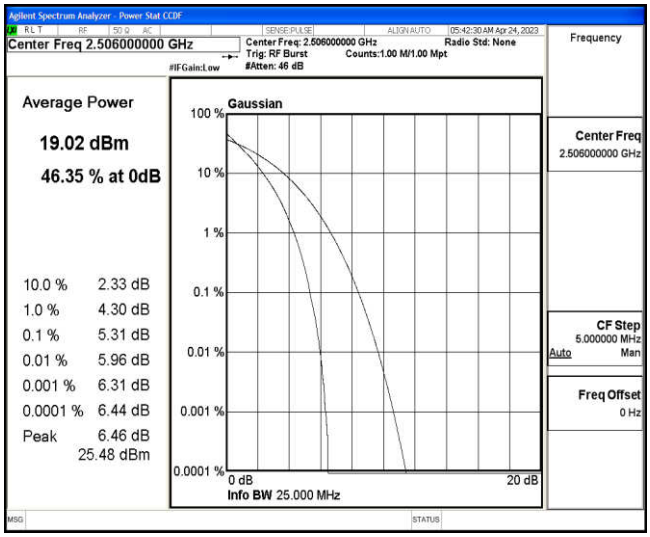
Band41-15MHz-16QAM-40620-75RB#0



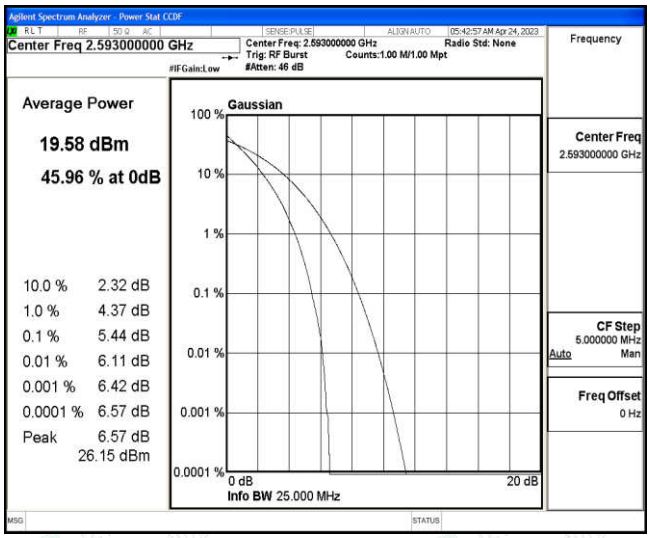
Band41-15MHz-16QAM-41515-75RB#0



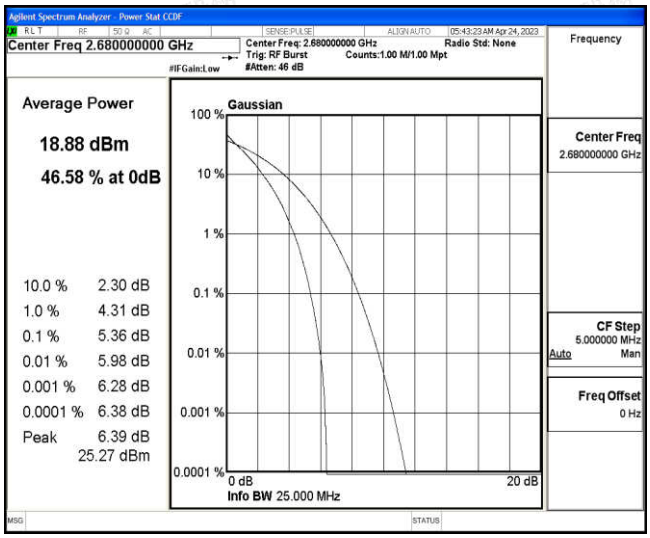
Band41-20MHz-QPSK-39750-100RB#0



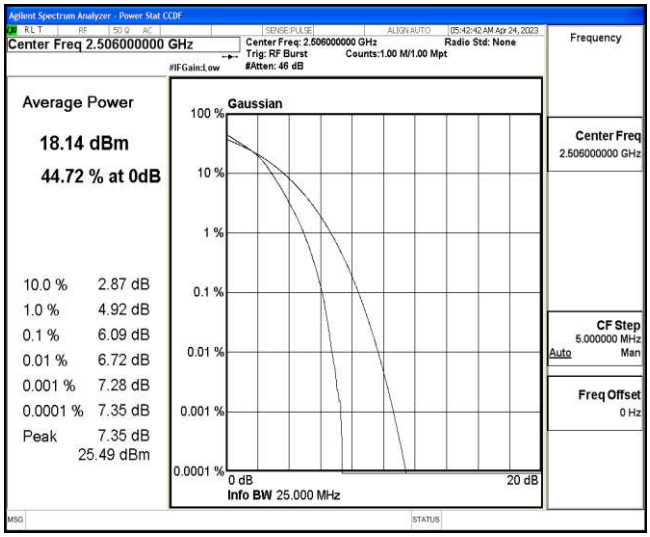
Band41-20MHz-QPSK-40620-100RB#0



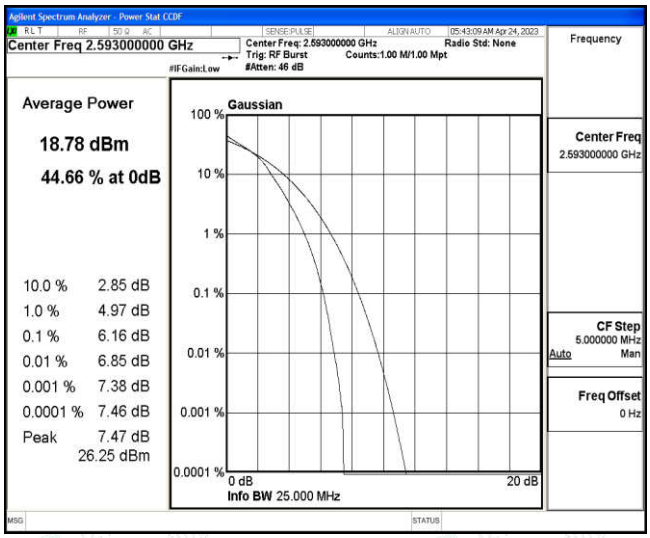
Band41-20MHz-QPSK-41490-100RB#0



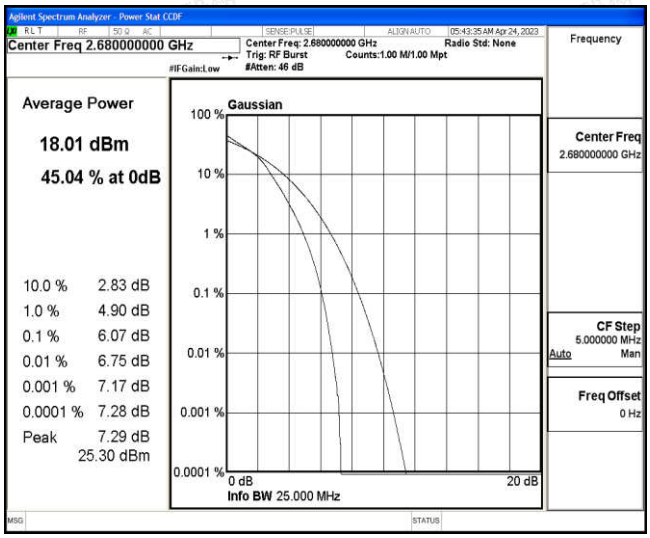
Band41-20MHz-16QAM-39750-100RB#0



Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-16QAM-41490-100RB#0


Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.680000000 GHz
Center Freq: 2.680000000 GHz
Trig: RF Burst
#Atten: 46 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
18.01 dBm
45.04 % at 0dB
10.0 % 2.83 dB
1.0 % 4.90 dB
0.1 % 6.07 dB
0.01 % 6.75 dB
0.001 % 7.17 dB
0.0001 % 7.28 dB
Peak 7.29 dB
25.30 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
2.680000000 GHz
CF Step
5.000000 MHz
Auto
Man
Freq Offset
0 Hz

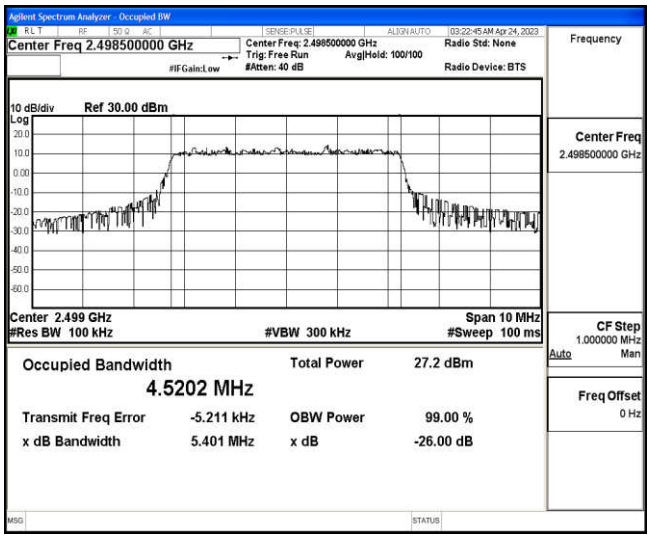
H.3 26dB Bandwidth and Occupied Bandwidth

Test Result

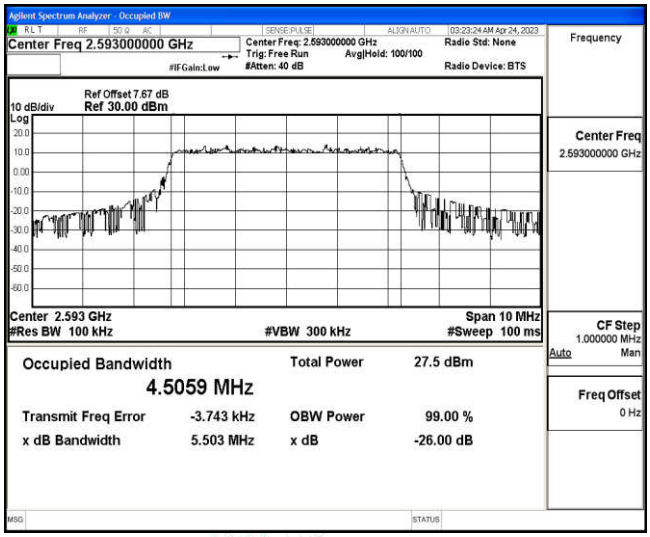
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	4.5202	5.401	PASS
Band41	5MHz	QPSK	40620	25RB#0	4.5059	5.503	PASS
Band41	5MHz	QPSK	41565	25RB#0	4.5033	5.445	PASS
Band41	5MHz	16QAM	39675	25RB#0	4.5306	5.250	PASS
Band41	5MHz	16QAM	40620	25RB#0	4.5272	5.296	PASS
Band41	5MHz	16QAM	41565	25RB#0	4.5148	5.401	PASS
Band41	10MHz	QPSK	39700	50RB#0	8.9854	10.43	PASS
Band41	10MHz	QPSK	40620	50RB#0	9.0067	10.77	PASS
Band41	10MHz	QPSK	41540	50RB#0	9.0007	10.52	PASS
Band41	10MHz	16QAM	39700	50RB#0	8.9921	10.23	PASS
Band41	10MHz	16QAM	40620	50RB#0	8.9784	10.38	PASS
Band41	10MHz	16QAM	41540	50RB#0	9.0152	10.36	PASS
Band41	15MHz	QPSK	39725	75RB#0	13.526	16.02	PASS
Band41	15MHz	QPSK	40620	75RB#0	13.476	15.36	PASS
Band41	15MHz	QPSK	41515	75RB#0	13.532	16.56	PASS
Band41	15MHz	16QAM	39725	75RB#0	13.489	15.15	PASS
Band41	15MHz	16QAM	40620	75RB#0	13.518	14.74	PASS
Band41	15MHz	16QAM	41515	75RB#0	13.515	15.32	PASS
Band41	20MHz	QPSK	39750	100RB#0	18.030	19.38	PASS
Band41	20MHz	QPSK	40620	100RB#0	17.971	19.51	PASS
Band41	20MHz	QPSK	41490	100RB#0	18.037	19.68	PASS
Band41	20MHz	16QAM	39750	100RB#0	17.866	19.53	PASS
Band41	20MHz	16QAM	40620	100RB#0	17.938	19.73	PASS
Band41	20MHz	16QAM	41490	100RB#0	17.902	19.76	PASS

Test Graphs

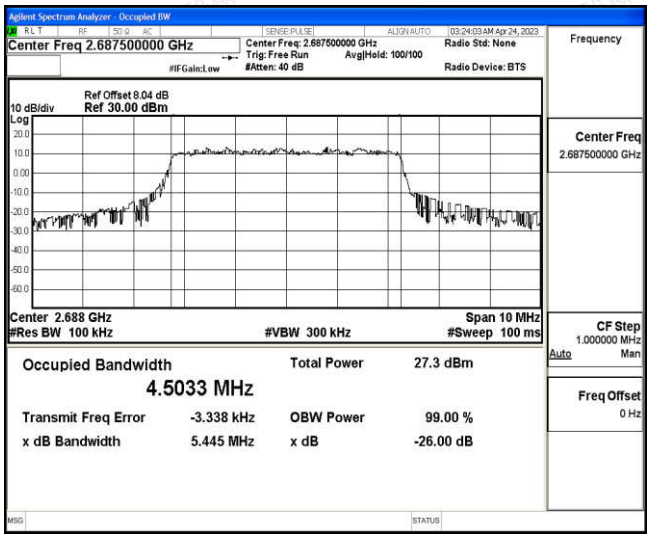
Band41-5MHz-QPSK-39675-25RB#0



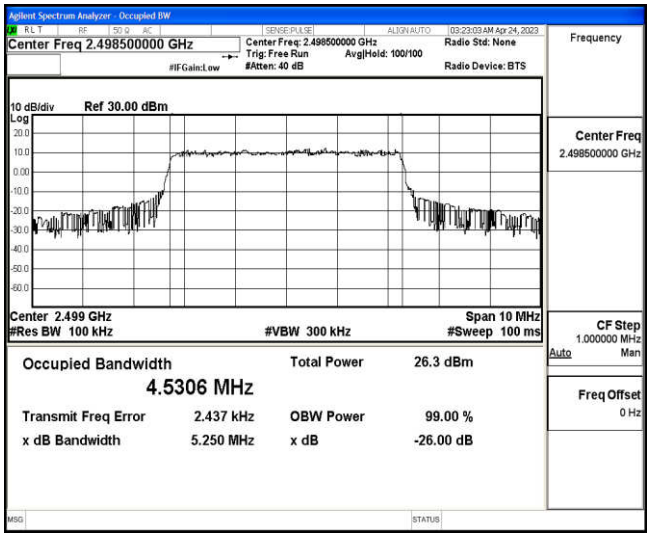
Band41-5MHz-QPSK-40620-25RB#0



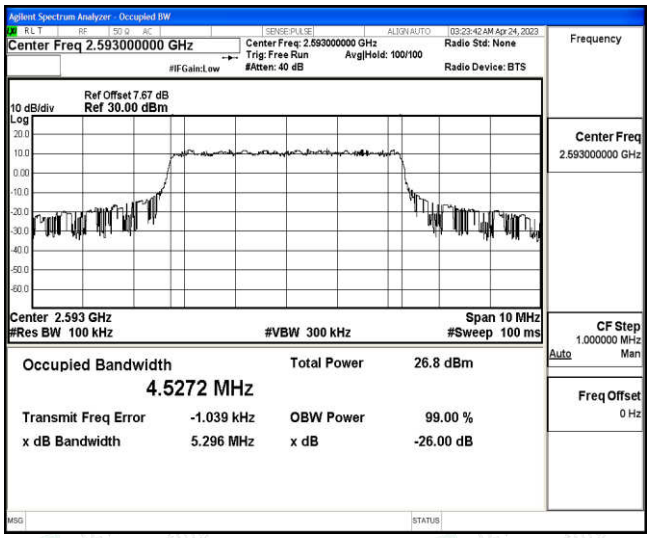
Band41-5MHz-QPSK-41565-25RB#0



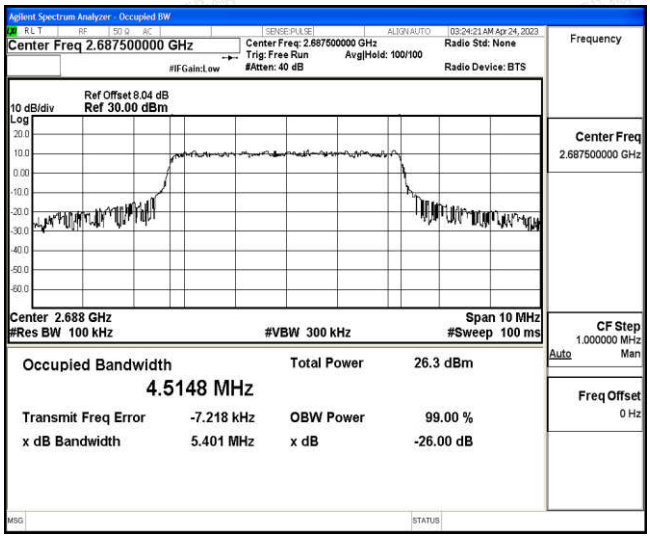
Band41-5MHz-16QAM-39675-25RB#0



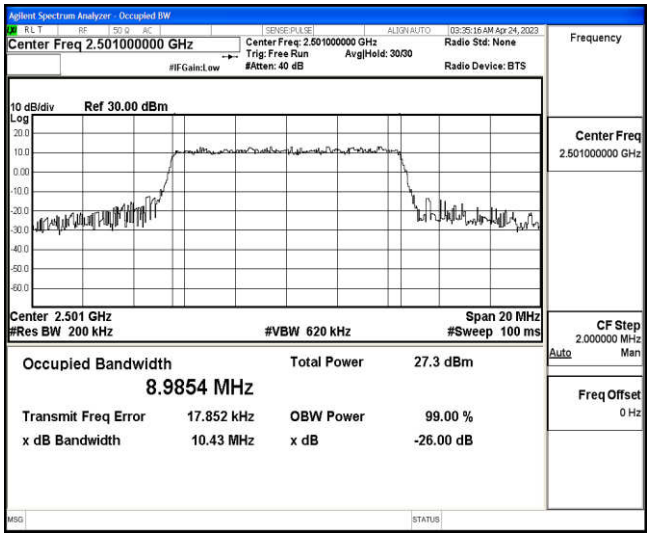
Band41-5MHz-16QAM-40620-25RB#0



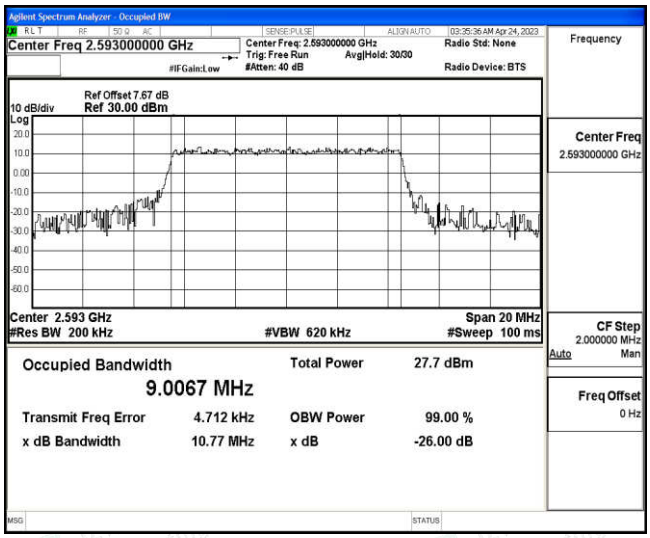
Band41-5MHz-16QAM-41565-25RB#0



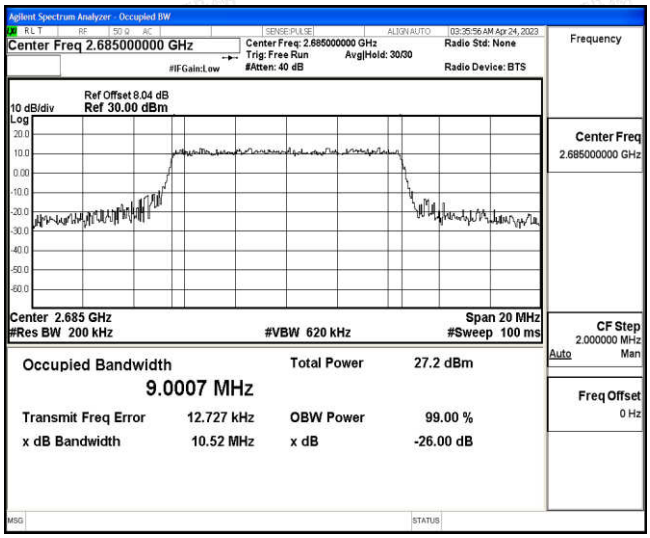
Band41-10MHz-QPSK-39700-50RB#0



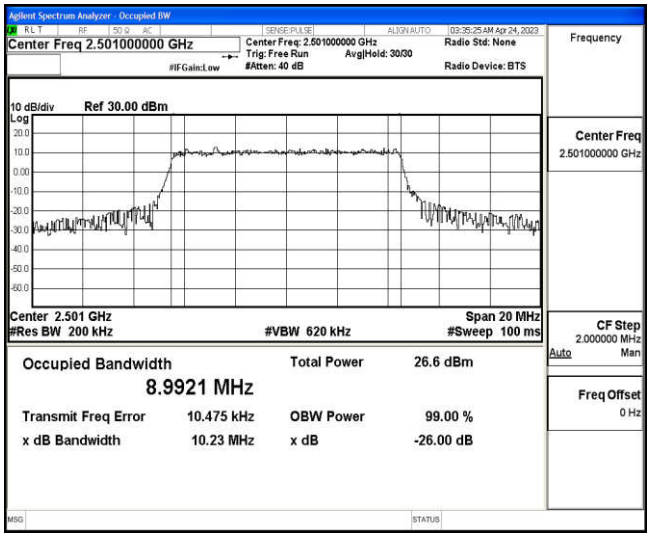
Band41-10MHz-QPSK-40620-50RB#0



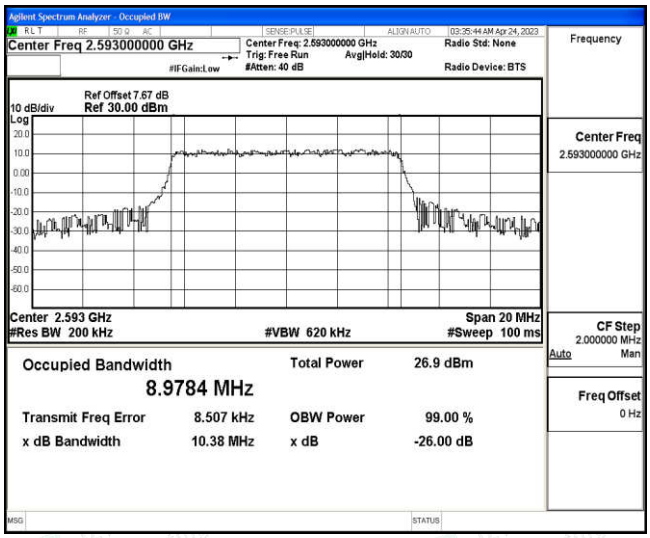
Band41-10MHz-QPSK-41540-50RB#0



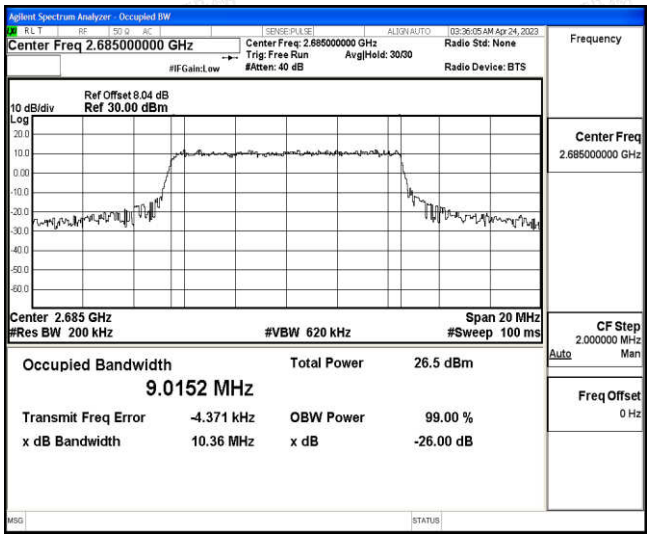
Band41-10MHz-16QAM-39700-50RB#0



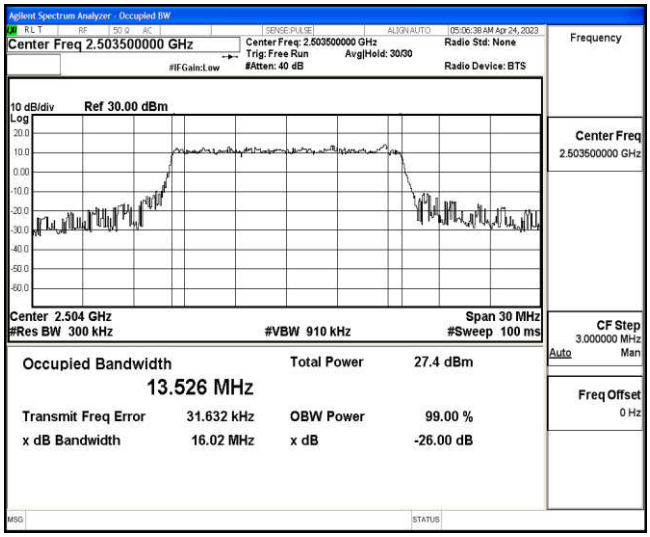
Band41-10MHz-16QAM-40620-50RB#0



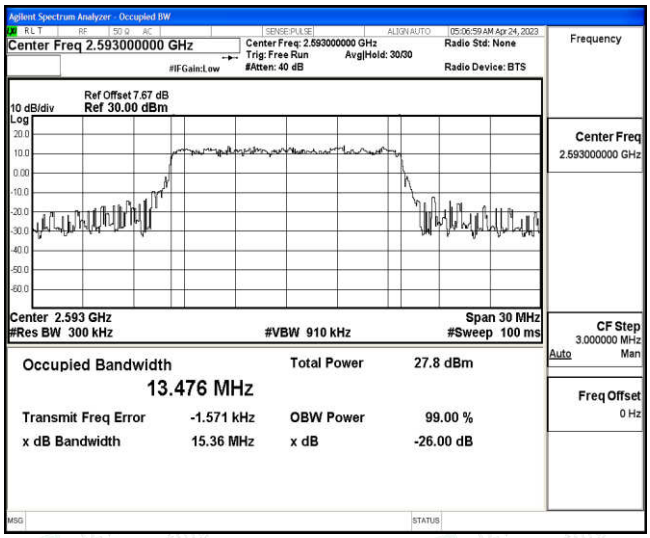
Band41-10MHz-16QAM-41540-50RB#0



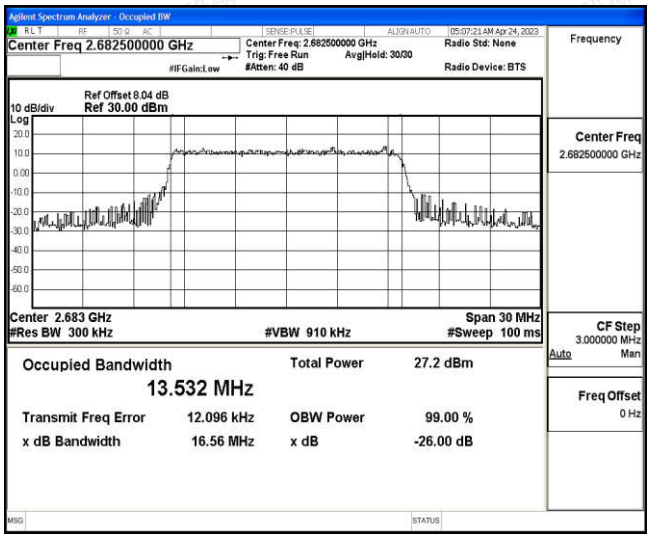
Band41-15MHz-QPSK-39725-75RB#0



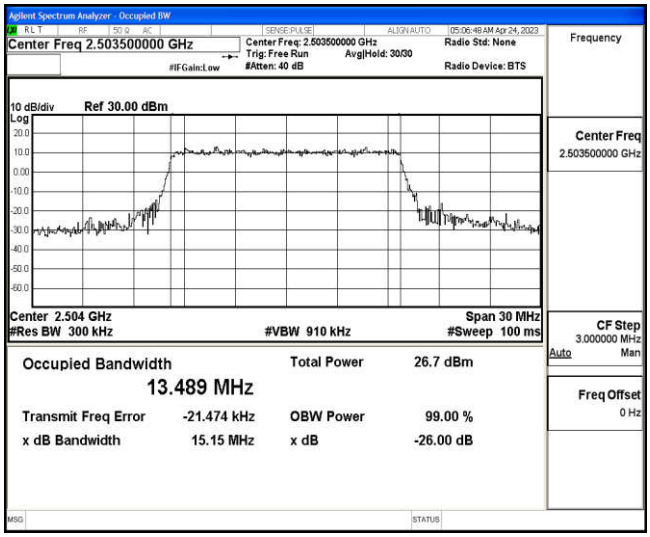
Band41-15MHz-QPSK-40620-75RB#0



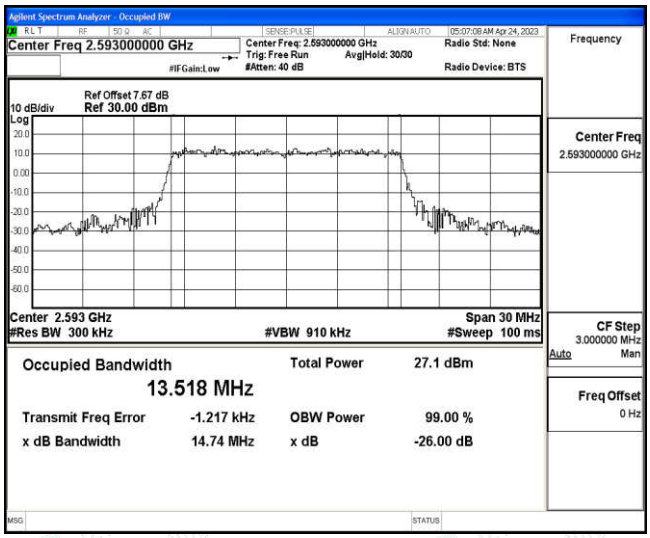
Band41-15MHz-QPSK-41515-75RB#0



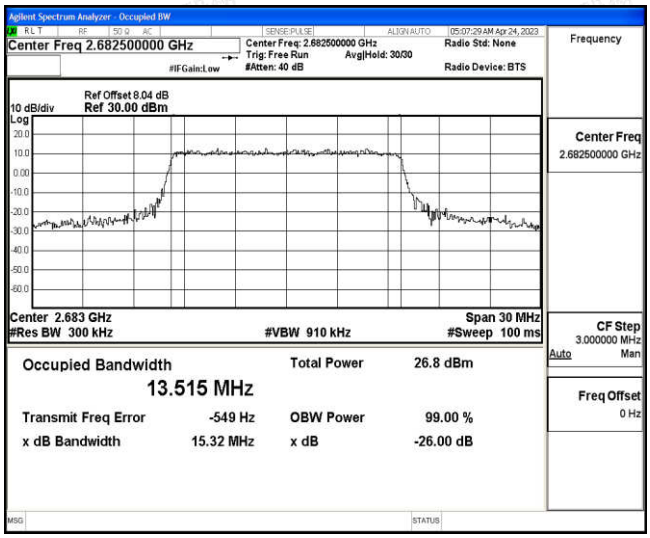
Band41-15MHz-16QAM-39725-75RB#0



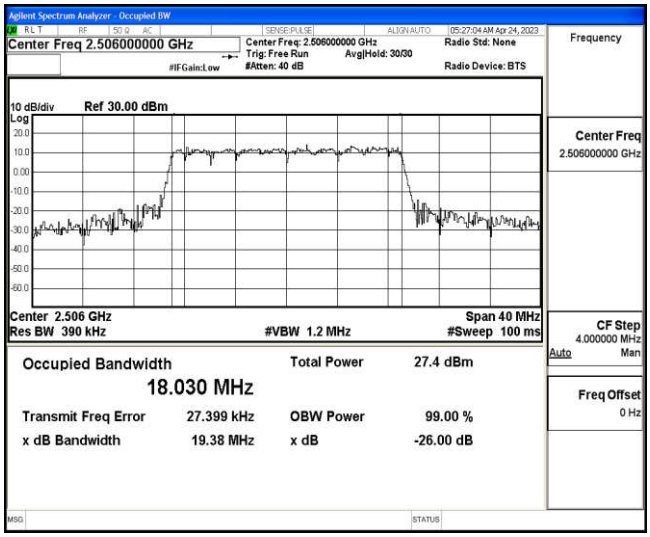
Band41-15MHz-16QAM-40620-75RB#0



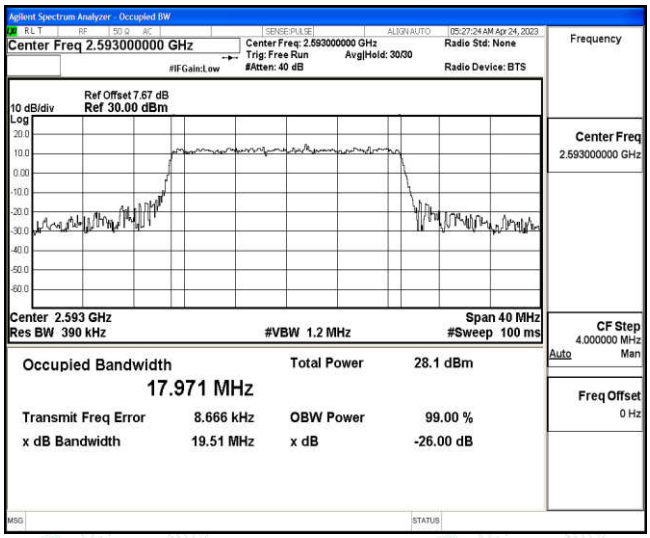
Band41-15MHz-16QAM-41515-75RB#0



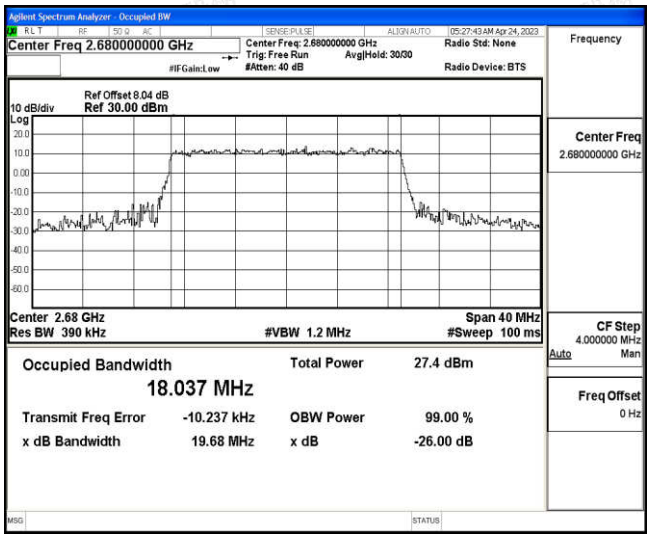
Band41-20MHz-QPSK-39750-100RB#0



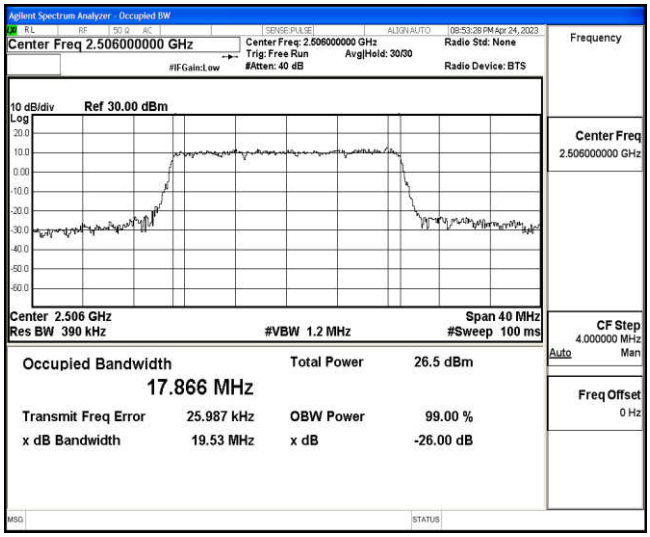
Band41-20MHz-QPSK-40620-100RB#0



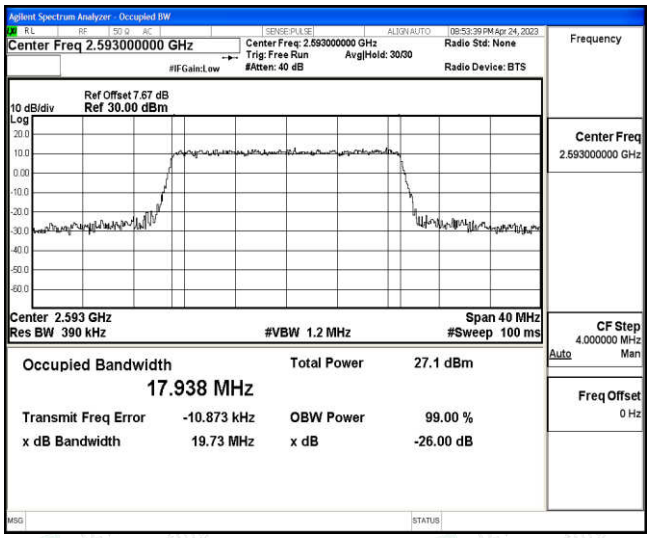
Band41-20MHz-QPSK-41490-100RB#0



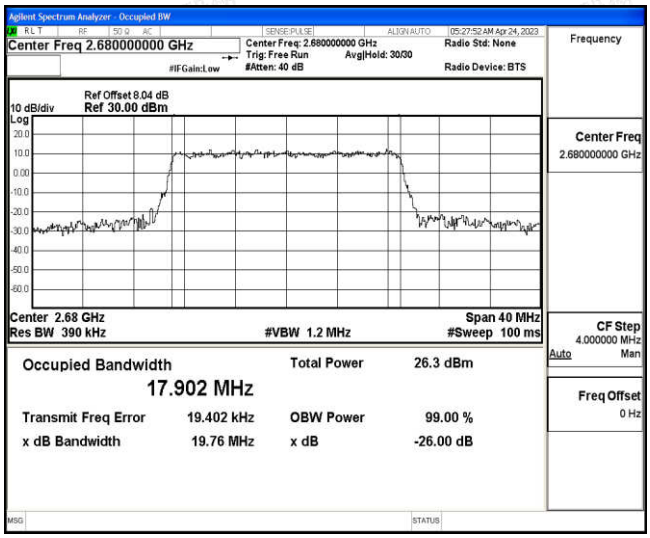
Band41-20MHz-16QAM-39750-100RB#0



Band41-20MHz-16QAM-40620-100RB#0



Band41-20MHz-16QAM-41490-100RB#0


Agilent Spectrum Analyzer - Occupied BW
Center Freq 2.680000000 GHz
Center Freq: 2.680000000 GHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 8.04 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
2.680000000 GHz
Center 2.68 GHz
Span 40 MHz
Res BW 390 kHz
#VBW 1.2 MHz
#Sweep 100 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
17.902 MHz
Total Power
26.3 dBm
Transmit Freq Error
19.402 kHz
OBW Power
99.00 %
x dB Bandwidth
19.76 MHz
x dB
-26.00 dB
Freq Offset
0 Hz

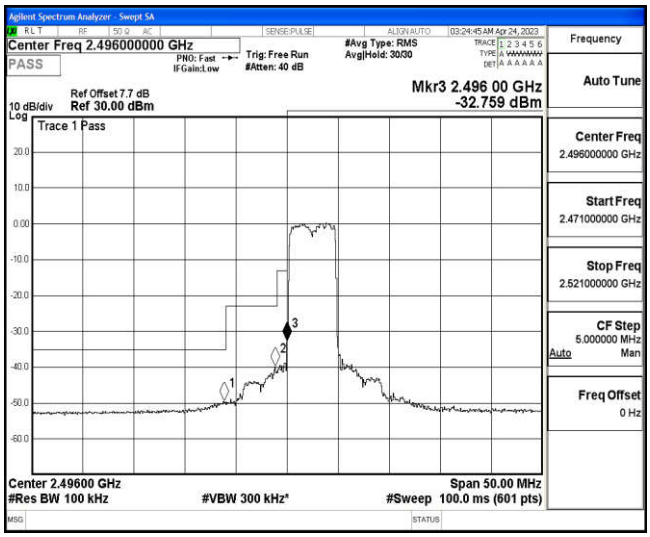
H.4 Band Edge

Test Result

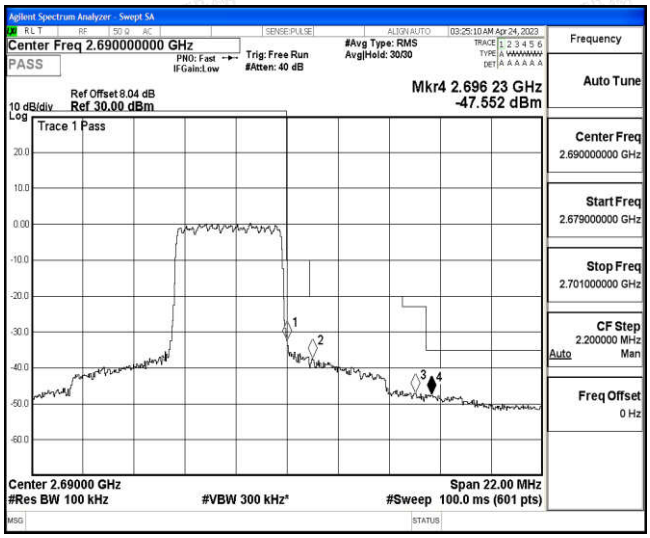
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band41	5MHz	QPSK	39675	25RB#0	-49.42,-39.78,-32.76	PASS
Band41	5MHz	QPSK	41565	25RB#0	-32.34,-37.34,-47.00,-47.55	PASS
Band41	5MHz	16QAM	39675	25RB#0	-50.05,-42.02,-33.51	PASS
Band41	5MHz	16QAM	41565	25RB#0	-32.47,-38.80,-46.91,-47.76	PASS
Band41	10MHz	QPSK	39700	50RB#0	-48.14,-40.12,-35.53	PASS
Band41	10MHz	QPSK	41540	50RB#0	-33.52,-36.33,-39.43,-46.23	PASS
Band41	10MHz	16QAM	39700	50RB#0	-48.32,-40.30,-37.43	PASS
Band41	10MHz	16QAM	41540	50RB#0	-33.29,-37.50,-40.10,-45.96	PASS
Band41	15MHz	QPSK	39725	75RB#0	-47.23,-38.73,-36.00	PASS
Band41	15MHz	QPSK	41515	75RB#0	-34.46,-35.83,-37.15,-45.35	PASS
Band41	15MHz	16QAM	39725	75RB#0	-47.19,-41.33,-37.13	PASS
Band41	15MHz	16QAM	41515	75RB#0	-34.65,-37.56,-39.17,-45.08	PASS
Band41	20MHz	QPSK	39750	100RB#0	-46.44,-41.45,-38.57	PASS
Band41	20MHz	QPSK	41490	100RB#0	-36.60,-38.28,-39.15,-44.70	PASS
Band41	20MHz	16QAM	39750	100RB#0	-46.43,-42.12,-38.92	PASS
Band41	20MHz	16QAM	41490	100RB#0	-37.39,-39.39,-39.78,-44.77	PASS

Test Graphs

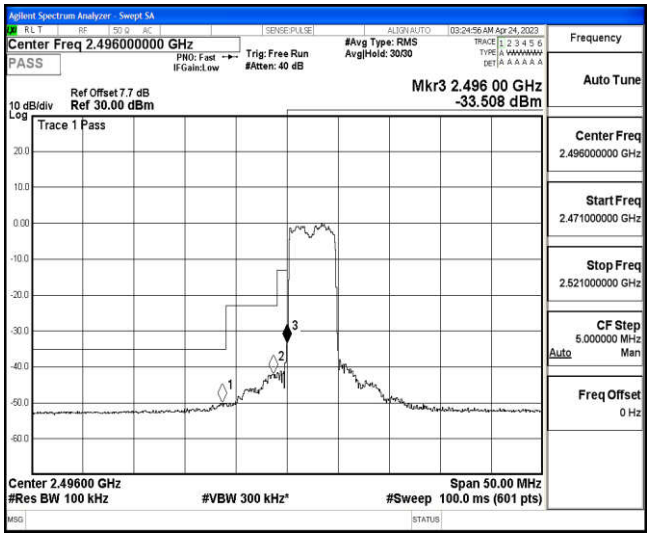
Band41-5MHz-QPSK-39675-25RB#0



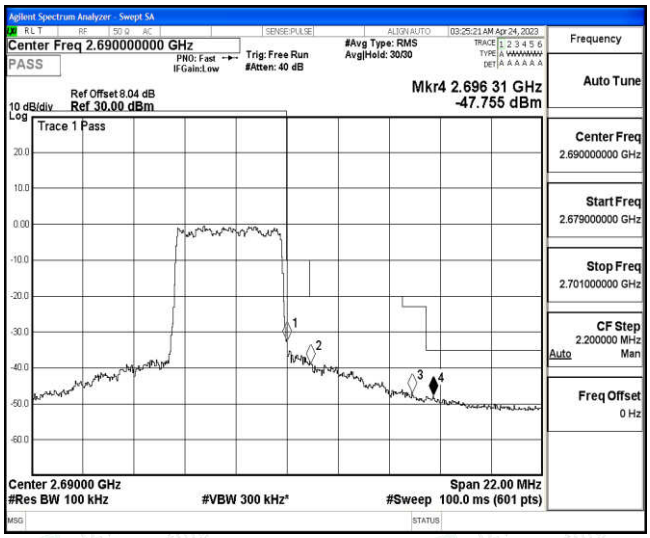
Band41-5MHz-QPSK-41565-25RB#0



Band41-5MHz-16QAM-39675-25RB#0

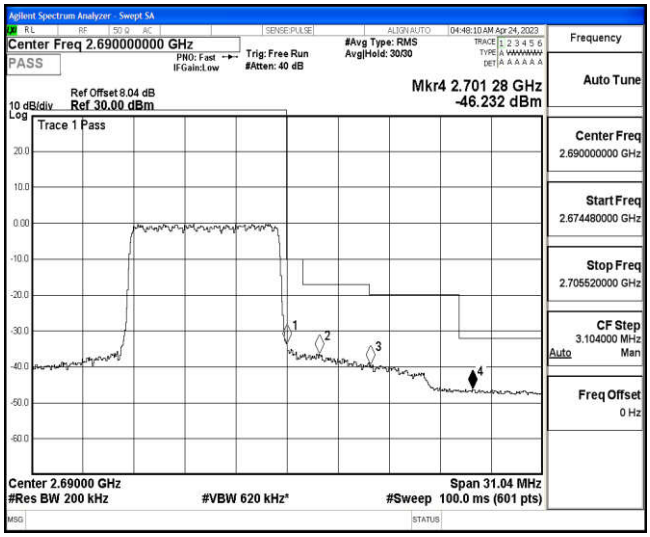


Band41-5MHz-16QAM-41565-25RB#0

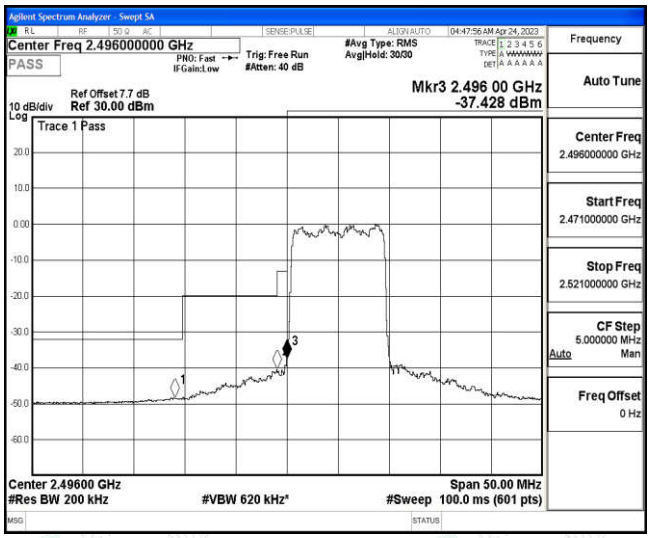


Band41-10MHz-QPSK-39700-50RB#0

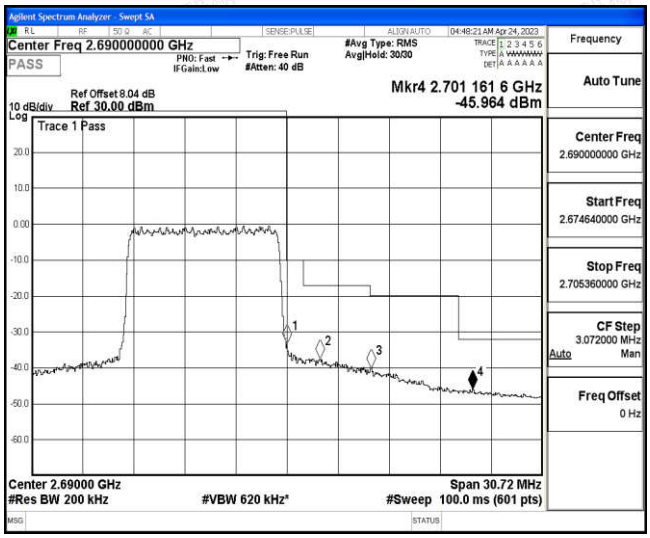
Band41-10MHz-QPSK-41540-50RB#0



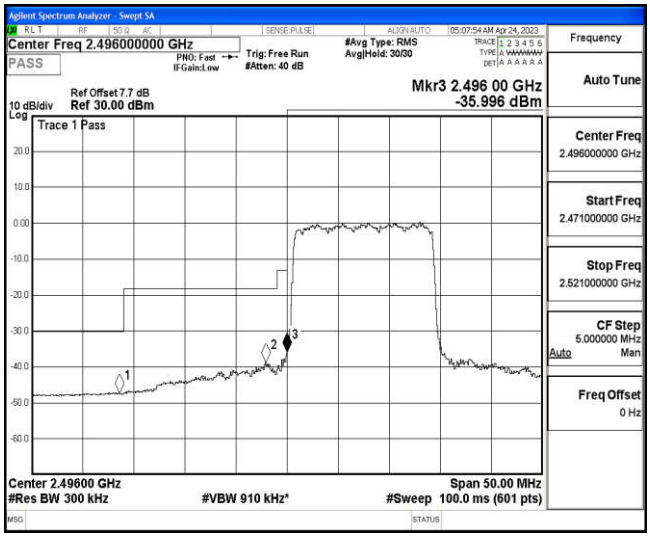
Band41-10MHz-16QAM-39700-50RB#0



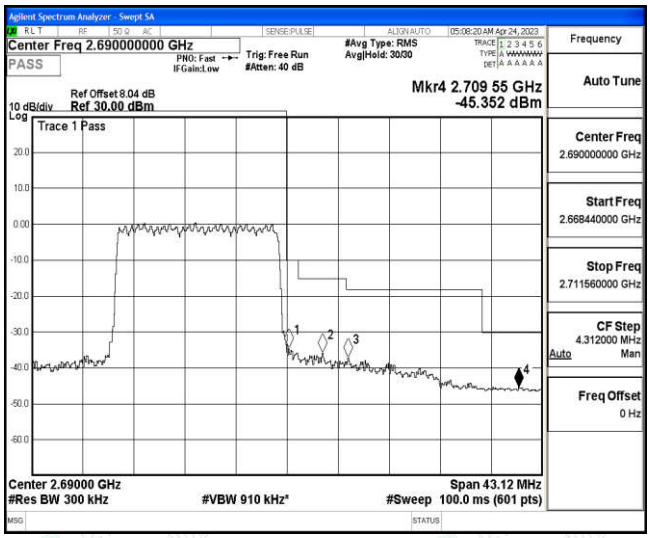
Band41-10MHz-16QAM-41540-50RB#0



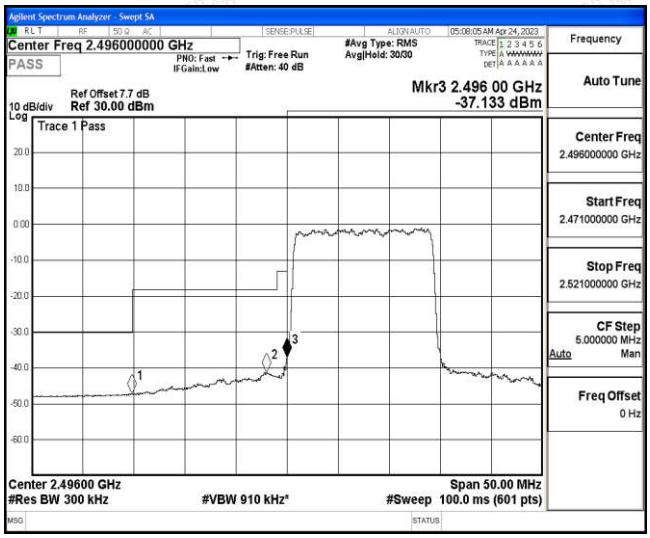
Band41-15MHz-QPSK-39725-75RB#0



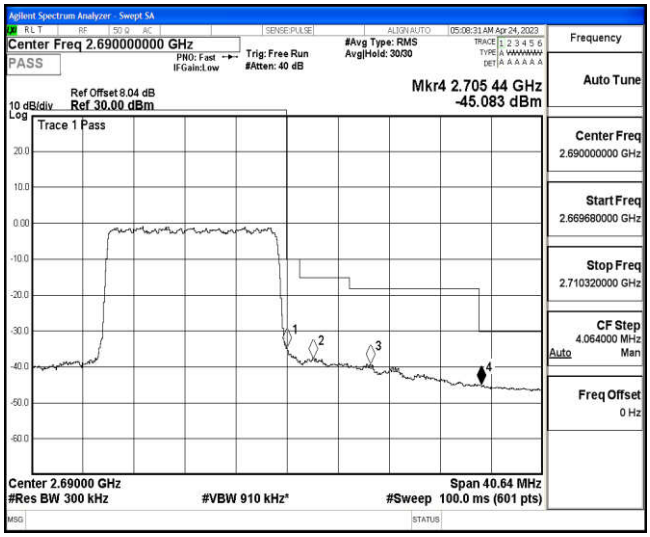
Band41-15MHz-QPSK-41515-75RB#0



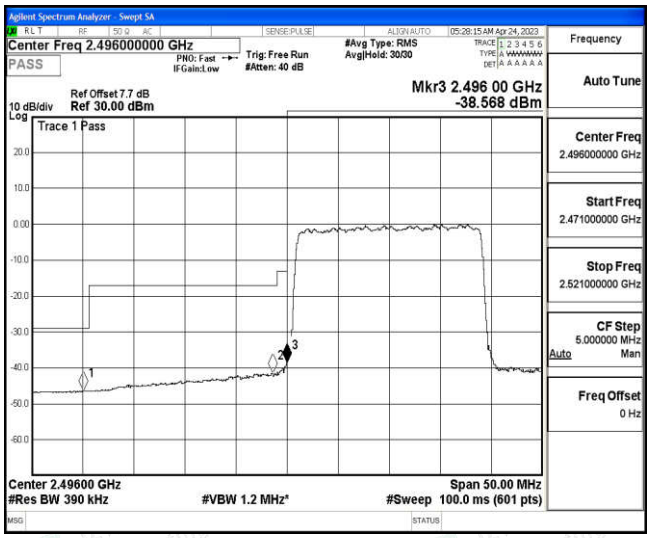
Band41-15MHz-16QAM-39725-75RB#0



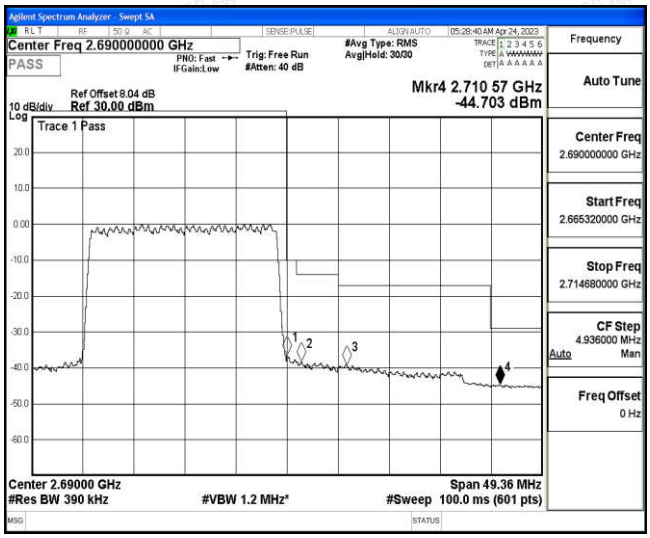
Band41-15MHz-16QAM-41515-75RB#0



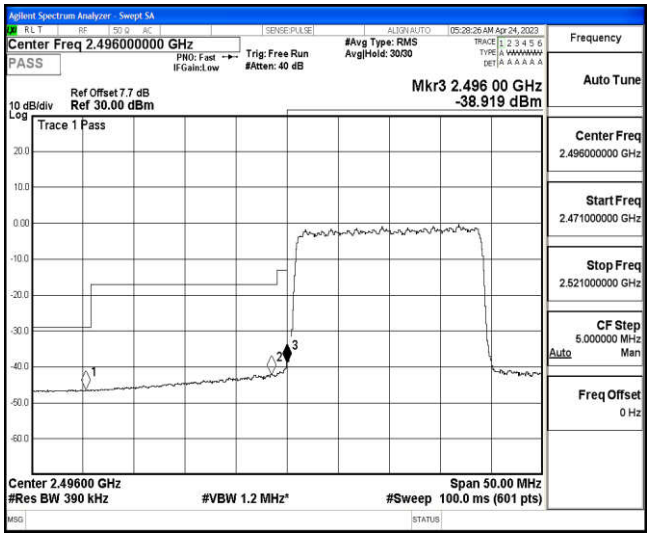
Band41-20MHz-QPSK-39750-100RB#0



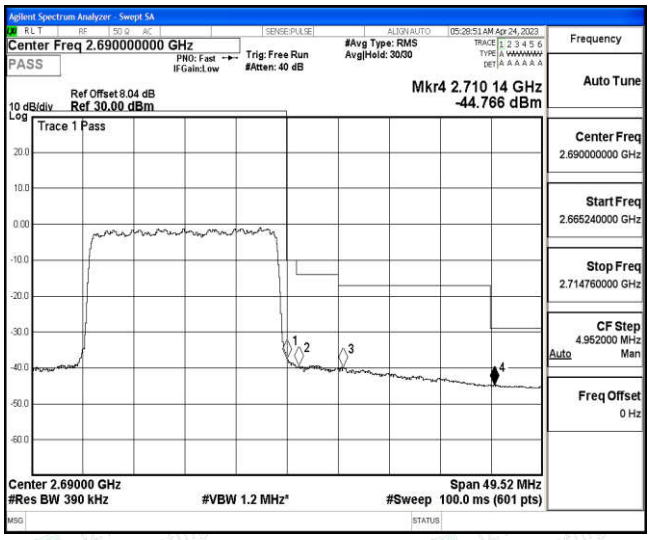
Band41-20MHz-QPSK-41490-100RB#0



Band41-20MHz-16QAM-39750-100RB#0



Band41-20MHz-16QAM-41490-100RB#0



H.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band41	5MHz	QPSK	39675	1RB#0	Range1:0.009~0.15MHz	-65.72	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range2:0.15~30MHz	-49.22	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range3:30~1000MHz	-41.31	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range4:1000~10000MHz	-44.49	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range5:10000~20000MHz	-49.18	PASS
Band41	5MHz	QPSK	39675	1RB#0	Range6:20000~26500MHz	-37.14	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range1:0.009~0.15MHz	-64.13	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range2:0.15~30MHz	-51.87	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range3:30~1000MHz	-41.07	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range5:10000~20000MHz	-49.14	PASS
Band41	5MHz	QPSK	40620	1RB#0	Range6:20000~26500MHz	-37.12	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range1:0.009~0.15MHz	-63.63	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range2:0.15~30MHz	-50.67	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range3:30~1000MHz	-41.05	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range5:10000~20000MHz	-49.15	PASS
Band41	5MHz	QPSK	41565	1RB#0	Range6:20000~26500MHz	-36.98	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range1:0.009~0.15MHz	-65.92	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range2:0.15~30MHz	-51.57	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range3:30~1000MHz	-41.15	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range4:1000~10000MHz	-44.52	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range5:10000~20000MHz	-49.13	PASS
Band41	5MHz	16QAM	39675	1RB#0	Range6:20000~26500MHz	-36.82	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range1:0.009~0.15MHz	-66.63	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range2:0.15~30MHz	-52.6	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range3:30~1000MHz	-41.68	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range5:10000~20000MHz	-49.17	PASS
Band41	5MHz	16QAM	40620	1RB#0	Range6:20000~26500MHz	-37.01	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range1:0.009~0.15MHz	-67.09	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range2:0.15~30MHz	-50.09	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range3:30~1000MHz	-41.49	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range4:1000~10000MHz	-44.24	PASS
Band41	5MHz	16QAM	41565	1RB#0	Range5:10000~20000MHz	-49.12	PASS

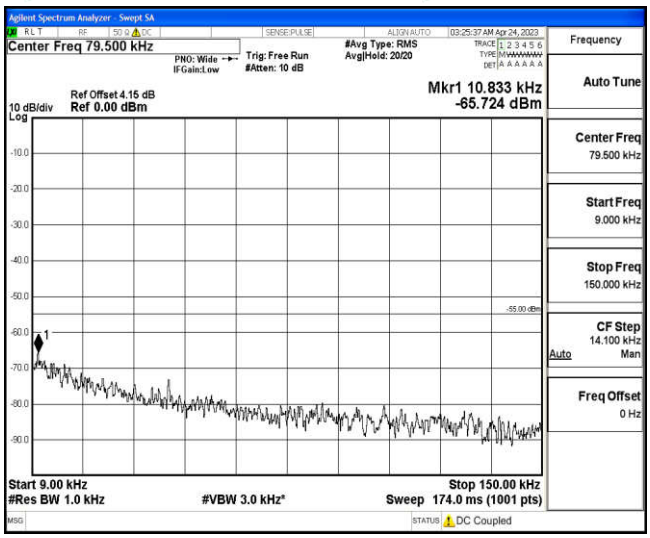
Band41	5MHz	16QAM	41565	1RB#0	Range6:20000~26500MHz	-36.96	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range1:0.009~0.15MHz	-63.53	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range2:0.15~30MHz	-48.58	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range3:30~1000MHz	-41.49	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range5:10000~20000MHz	-49.01	PASS
Band41	10MHz	QPSK	39700	1RB#0	Range6:20000~26500MHz	-36.88	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range1:0.009~0.15MHz	-63.8	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range2:0.15~30MHz	-50.75	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range3:30~1000MHz	-41.42	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range4:1000~10000MHz	-44.84	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range5:10000~20000MHz	-49.06	PASS
Band41	10MHz	QPSK	40620	1RB#0	Range6:20000~26500MHz	-36.82	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range1:0.009~0.15MHz	-64.96	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range2:0.15~30MHz	-51.67	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range3:30~1000MHz	-42.5	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range5:10000~20000MHz	-49.12	PASS
Band41	10MHz	QPSK	41540	1RB#0	Range6:20000~26500MHz	-36.75	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range1:0.009~0.15MHz	-66.35	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range2:0.15~30MHz	-52.03	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range3:30~1000MHz	-41.63	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range4:1000~10000MHz	-44.69	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range5:10000~20000MHz	-48.93	PASS
Band41	10MHz	16QAM	39700	1RB#0	Range6:20000~26500MHz	-36.87	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range1:0.009~0.15MHz	-63.52	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range2:0.15~30MHz	-49.37	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range3:30~1000MHz	-41.02	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range5:10000~20000MHz	-49.21	PASS
Band41	10MHz	16QAM	40620	1RB#0	Range6:20000~26500MHz	-36.82	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range1:0.009~0.15MHz	-65.81	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range2:0.15~30MHz	-51.86	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range3:30~1000MHz	-42.04	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range4:1000~10000MHz	-43.63	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range5:10000~20000MHz	-49.1	PASS
Band41	10MHz	16QAM	41540	1RB#0	Range6:20000~26500MHz	-36.88	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range1:0.009~0.15MHz	-66.33	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range2:0.15~30MHz	-50.65	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range3:30~1000MHz	-41.64	PASS

Band41	15MHz	QPSK	39725	1RB#0	Range4:1000~10000MHz	-45.12	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range5:10000~20000MHz	-49.15	PASS
Band41	15MHz	QPSK	39725	1RB#0	Range6:20000~26500MHz	-36.93	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range1:0.009~0.15MHz	-64.09	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range2:0.15~30MHz	-50.31	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range3:30~1000MHz	-40.66	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range5:10000~20000MHz	-49.03	PASS
Band41	15MHz	QPSK	40620	1RB#0	Range6:20000~26500MHz	-36.83	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range1:0.009~0.15MHz	-65.78	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range2:0.15~30MHz	-51.54	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range3:30~1000MHz	-41.83	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range4:1000~10000MHz	-42.81	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range5:10000~20000MHz	-48.79	PASS
Band41	15MHz	QPSK	41515	1RB#0	Range6:20000~26500MHz	-36.84	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range1:0.009~0.15MHz	-66.34	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range2:0.15~30MHz	-52	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range3:30~1000MHz	-40.28	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range4:1000~10000MHz	-44.73	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range5:10000~20000MHz	-48.95	PASS
Band41	15MHz	16QAM	39725	1RB#0	Range6:20000~26500MHz	-36.73	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range1:0.009~0.15MHz	-64.24	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range2:0.15~30MHz	-50.53	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range3:30~1000MHz	-41.68	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range5:10000~20000MHz	-49.12	PASS
Band41	15MHz	16QAM	40620	1RB#0	Range6:20000~26500MHz	-36.94	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range1:0.009~0.15MHz	-65.78	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range2:0.15~30MHz	-51.17	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range3:30~1000MHz	-41.92	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range4:1000~10000MHz	-44.74	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range5:10000~20000MHz	-49.13	PASS
Band41	15MHz	16QAM	41515	1RB#0	Range6:20000~26500MHz	-36.67	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range1:0.009~0.15MHz	-65.55	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range2:0.15~30MHz	-51.68	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range3:30~1000MHz	-42.03	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range5:10000~20000MHz	-48.97	PASS
Band41	20MHz	QPSK	39750	1RB#0	Range6:20000~26500MHz	-36.93	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range1:0.009~0.15MHz	-65.15	PASS

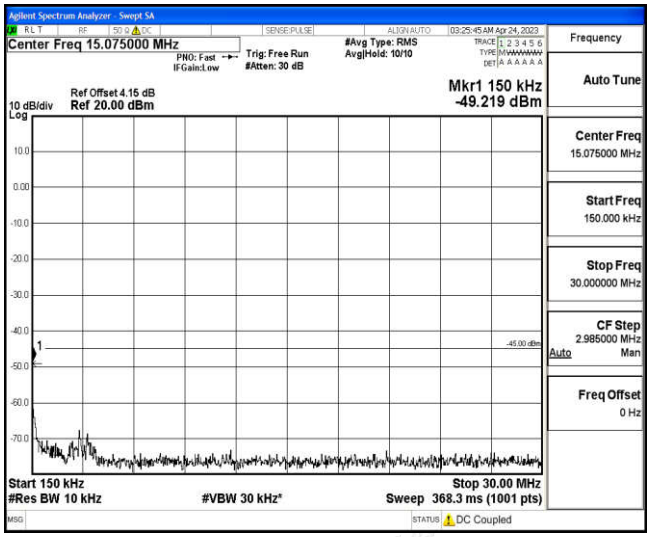
Band41	20MHz	QPSK	40620	1RB#0	Range2:0.15~30MHz	-51.83	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range3:30~1000MHz	-41.5	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range4:1000~10000MHz	-44.76	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range5:10000~20000MHz	-49	PASS
Band41	20MHz	QPSK	40620	1RB#0	Range6:20000~26500MHz	-36.75	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range1:0.009~0.15MHz	-66.1	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range2:0.15~30MHz	-49.49	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range3:30~1000MHz	-41.98	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range5:10000~20000MHz	-49.01	PASS
Band41	20MHz	QPSK	41490	1RB#0	Range6:20000~26500MHz	-36.71	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range1:0.009~0.15MHz	-63.17	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range2:0.15~30MHz	-52.58	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range3:30~1000MHz	-41.93	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range5:10000~20000MHz	-49.05	PASS
Band41	20MHz	16QAM	39750	1RB#0	Range6:20000~26500MHz	-36.9	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range1:0.009~0.15MHz	-65.12	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range2:0.15~30MHz	-51.72	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range3:30~1000MHz	-41.92	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range5:10000~20000MHz	-48.95	PASS
Band41	20MHz	16QAM	40620	1RB#0	Range6:20000~26500MHz	-36.93	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range1:0.009~0.15MHz	-65.39	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range2:0.15~30MHz	-51.09	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range3:30~1000MHz	-41.66	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range4:1000~10000MHz	-42.07	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range5:10000~20000MHz	-49.14	PASS
Band41	20MHz	16QAM	41490	1RB#0	Range6:20000~26500MHz	-36.69	PASS

Test Graphs

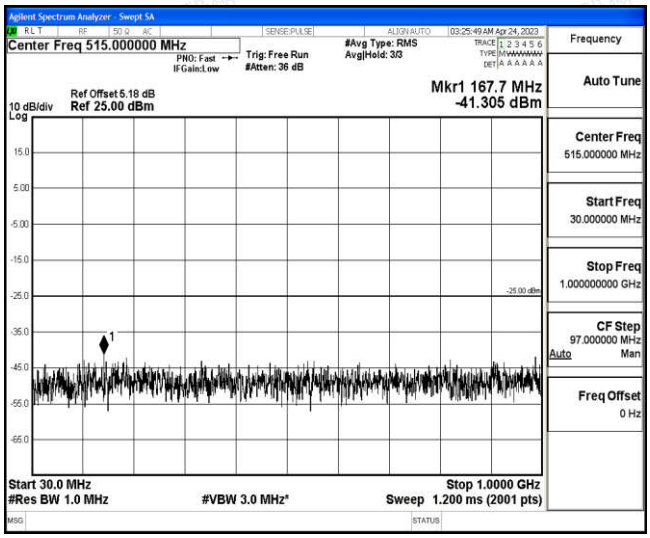
Band41-5MHz-QPSK-39675-1RB#0-Range1:0.009~0.15MHz



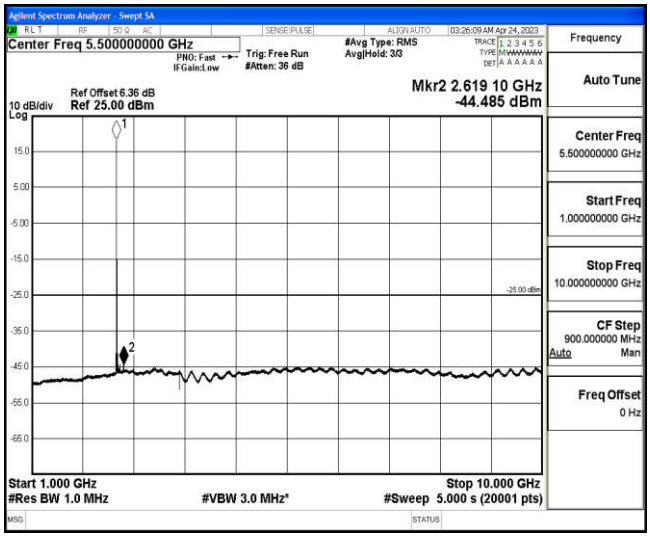
Band41-5MHz-QPSK-39675-1RB#0-Range2:0.15~30MHz



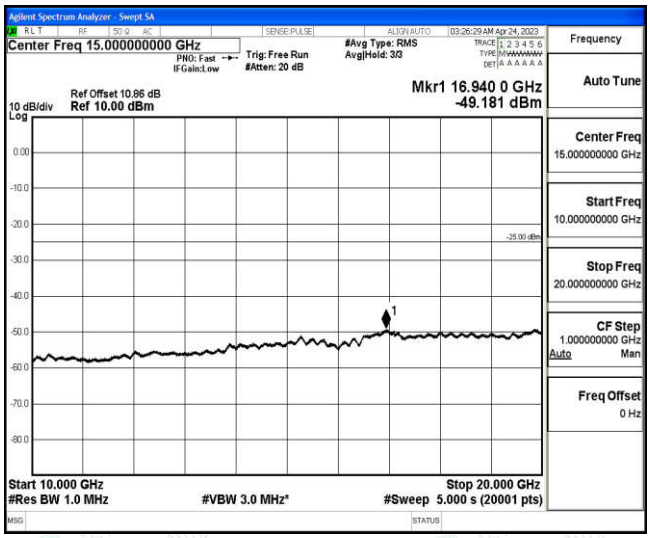
Band41-5MHz-QPSK-39675-1RB#0-Range3:30~1000MHz



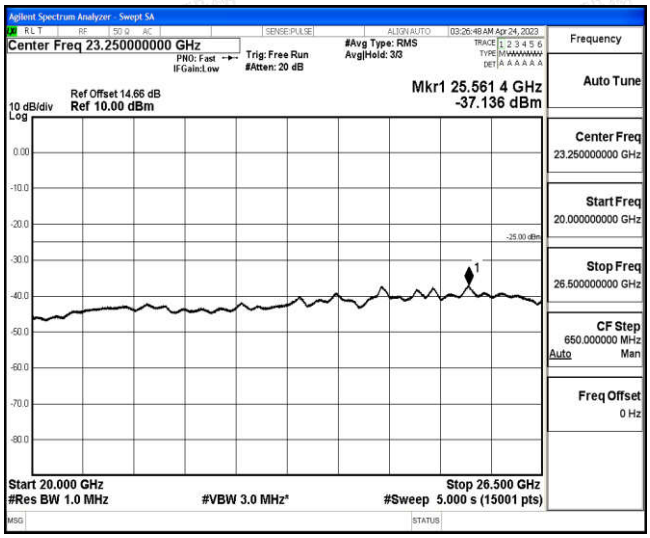
Band41-5MHz-QPSK-39675-1RB#0-Range4:1000~10000MHz



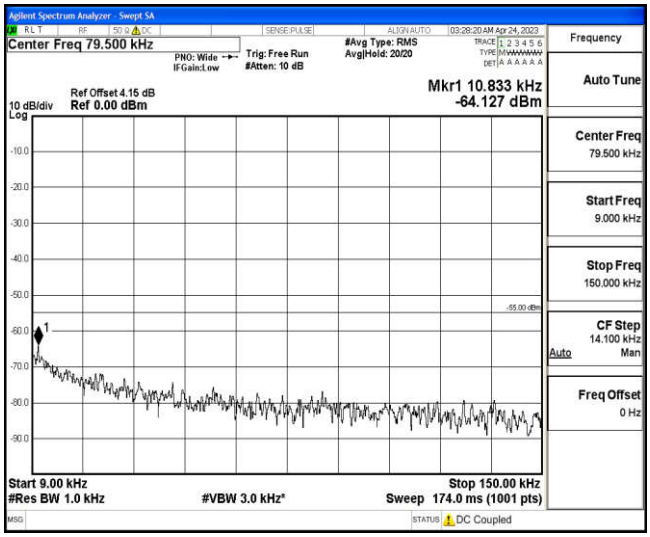
Band41-5MHz-QPSK-39675-1RB#0-Range5:10000~20000MHz



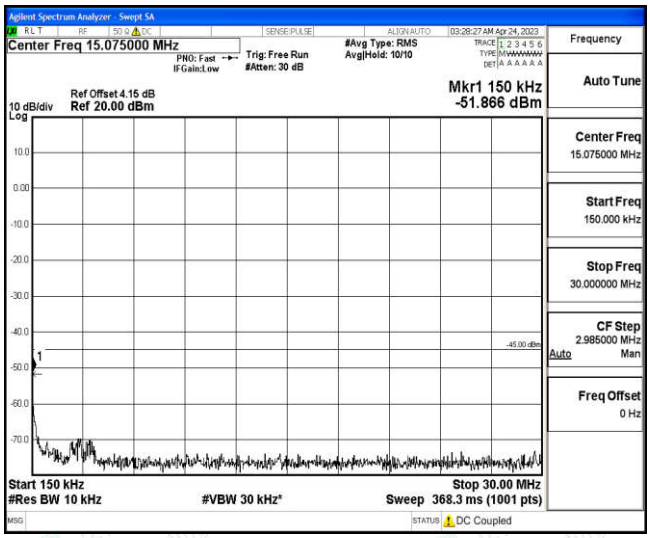
Band41-5MHz-QPSK-39675-1RB#0-Range6:20000~26500MHz



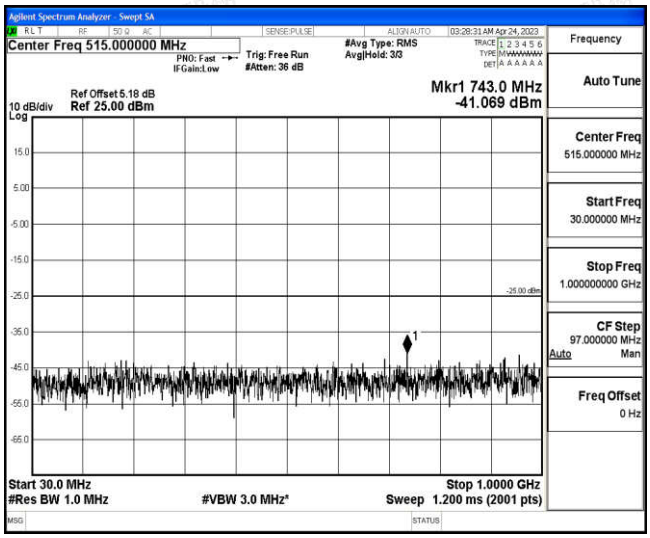
Band41-5MHz-QPSK-40620-1RB#0-Range1:0.009~0.15MHz



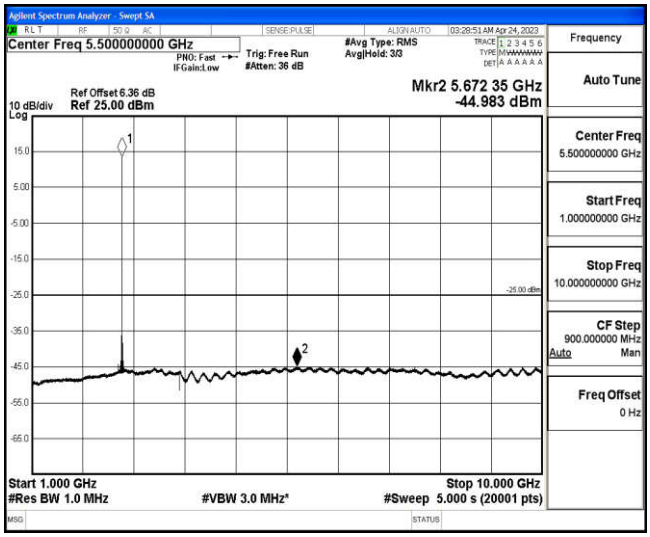
Band41-5MHz-QPSK-40620-1RB#0-Range2:0.15~30MHz



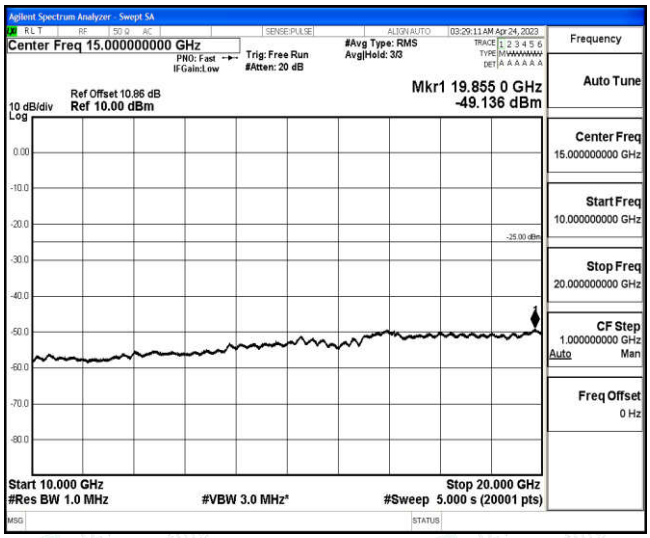
Band41-5MHz-QPSK-40620-1RB#0-Range3:30~1000MHz



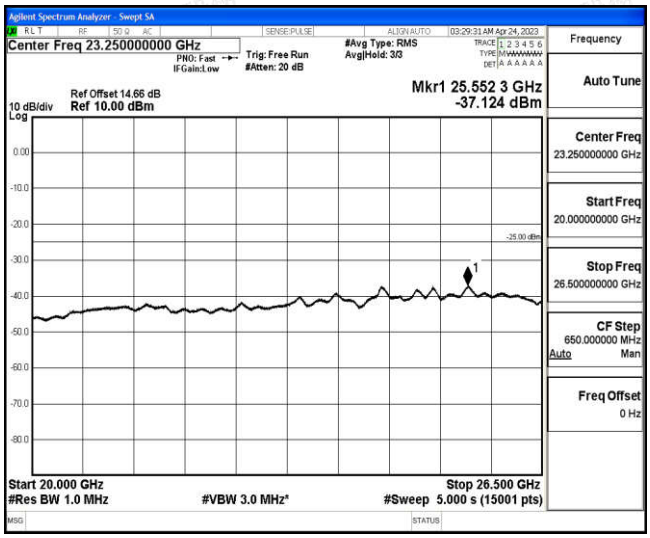
Band41-5MHz-QPSK-40620-1RB#0-Range4:1000~10000MHz



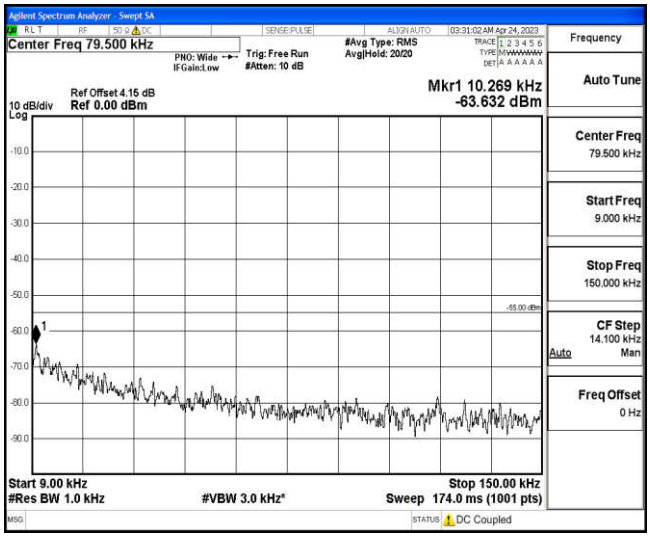
Band41-5MHz-QPSK-40620-1RB#0-Range5:10000~20000MHz



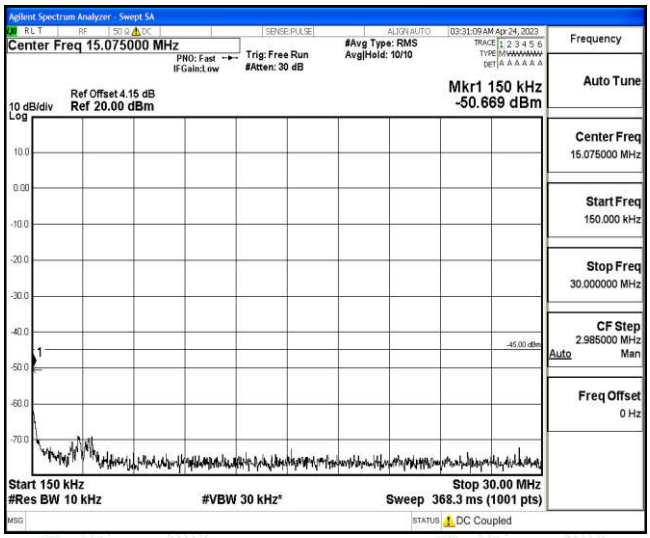
Band41-5MHz-QPSK-40620-1RB#0-Range6:20000~26500MHz



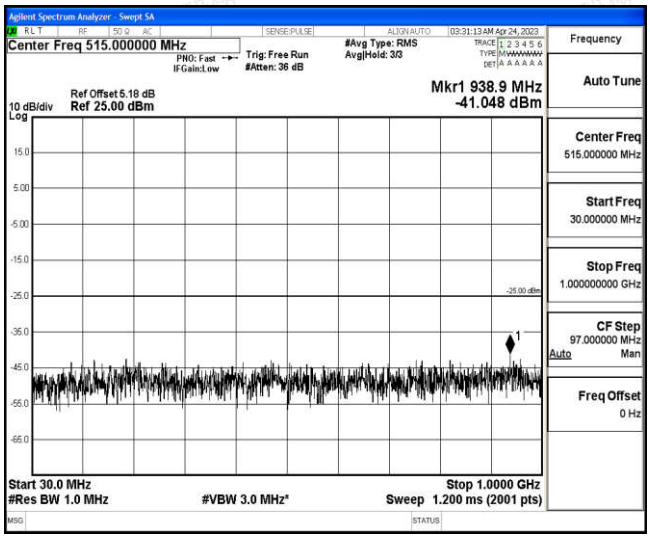
Band41-5MHz-QPSK-41565-1RB#0-Range1:0.009~0.15MHz



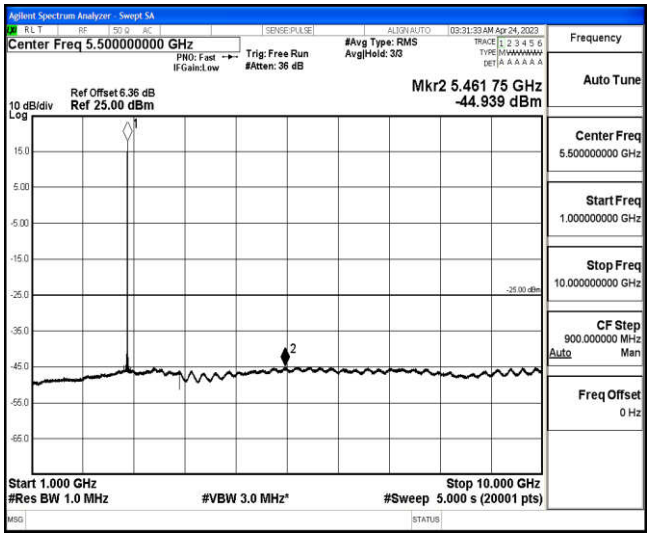
Band41-5MHz-QPSK-41565-1RB#0-Range2:0.15~30MHz



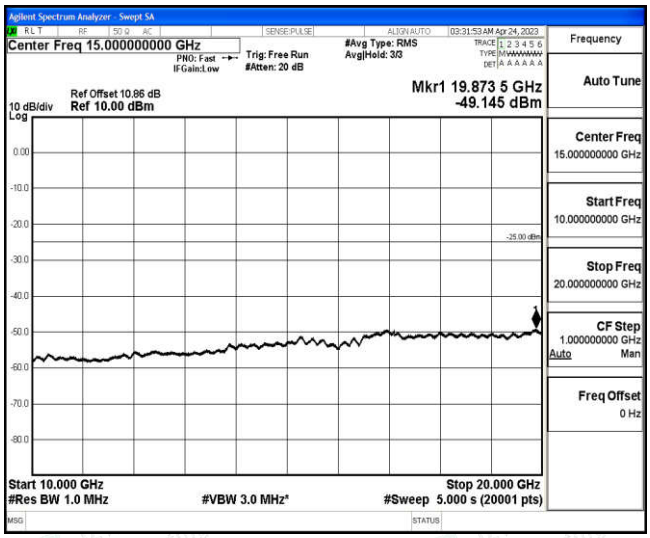
Band41-5MHz-QPSK-41565-1RB#0-Range3:30~1000MHz



Band41-5MHz-QPSK-41565-1RB#0-Range4:1000~10000MHz



Band41-5MHz-QPSK-41565-1RB#0-Range5:10000~20000MHz



Band41-5MHz-QPSK-41565-1RB#0-Range6:20000~26500MHz