Appendix E: Test Data for E-UTRA Band 5

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

E.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	22.72	PASS
Band5	1.4MHz	QPSK	20407	1RB#2	22.64	PASS
Band5	1.4MHz	QPSK	20407	1RB#5	22.66	PASS
Band5	1.4MHz	QPSK	20407	3RB#0	22.81	PASS
Band5	1.4MHz	QPSK	20407	3RB#1	22.74	PASS
Band5	1.4MHz	QPSK	20407	3RB#3	22.72	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	21.68	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	22.74	PASS
Band5	1.4MHz	QPSK	20525	1RB#2	22.73	PASS
Band5	1.4MHz	QPSK	20525	1RB#5	22.75	PASS
Band5	1.4MHz	QPSK	20525	3RB#0	22.73	PASS
Band5	1.4MHz	QPSK	20525	3RB#1	22.74	PASS
Band5	1.4MHz	QPSK	20525	3RB#3	22.70	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	21.69	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	22.26	PASS
Band5	1.4MHz	QPSK	20643	1RB#2	22.28	PASS
Band5	1.4MHz	QPSK	20643	1RB#5	22.24	PASS
Band5	1.4MHz	QPSK	20643	3RB#0	22.33	PASS
Band5	1.4MHz	QPSK	20643	3RB#1	22.24	PASS
Band5	1.4MHz	QPSK	20643	3RB#3	22.31	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	21.33	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	22.32	PASS
Band5	1.4MHz	16QAM	20407	1RB#2	22.36	PASS
Band5	1.4MHz	16QAM	20407	1RB#5	22.28	PASS
Band5	1.4MHz	16QAM	20407	3RB#0	21.47	PASS
Band5	1.4MHz	16QAM	20407	3RB#1	21.49	PASS
Band5	1.4MHz	16QAM	20407	3RB#3	21.47	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	20.89	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	21.40	PASS
Band5	1.4MHz	16QAM	20525	1RB#2	21.39	PASS
Band5	1.4MHz	16QAM	20525	1RB#5	21.40	PASS

Band5	1.4MHz	16QAM	20525	3RB#0	21.40	PASS
Band5	1.4MHz	16QAM	20525	3RB#1	21.40	PASS
Band5	1.4MHz	16QAM	20525	3RB#3	21.37	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	20.72	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	21.48	PASS
Band5	1.4MHz	16QAM	20643	1RB#2	21.54	PASS
Band5	1.4MHz	16QAM	20643	1RB#5	21.56	PASS
Band5	1.4MHz	16QAM	20643	3RB#0	21.07	PASS
Band5	1.4MHz	16QAM	20643	3RB#1	21.08	PASS
Band5	1.4MHz	16QAM	20643	3RB#3	21.15	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	20.59	PASS
Band5	3MHz	QPSK	20415	1RB#0	22.61	PASS
Band5	3MHz	QPSK	20415	1RB#8	22.57	PASS
Band5	3MHz	QPSK	20415	1RB#14	22.61	PASS
Band5	3MHz	QPSK	20415	8RB#0	21.70	PASS
Band5	3MHz	QPSK	20415	8RB#4	21.70	PASS
Band5	3MHz	QPSK	20415	8RB#7	21.83	PASS
Band5	3MHz	QPSK	20415	15RB#0	21.66	PASS
Band5	3MHz	QPSK	20525	1RB#0	22.66	PASS
Band5	3MHz	QPSK	20525	1RB#8	22.75	PASS
Band5	3MHz	QPSK	20525	1RB#14	22.68	PASS
Band5	3MHz	QPSK	20525	8RB#0	21.77	PASS
Band5	3MHz	QPSK	20525	8RB#4	21.78	PASS
Band5	3MHz	QPSK	20525	8RB#7	21.72	PASS
Band5	3MHz	QPSK	20525	15RB#0	21.76	PASS
Band5	3MHz	QPSK	20635	1RB#0	22.41	PASS
Band5	3MHz	QPSK	20635	1RB#8	22.28	PASS
Band5	3MHz	QPSK	20635	1RB#14	22.30	PASS
Band5	3MHz	QPSK	20635	8RB#0	21.27	PASS
Band5	3MHz	QPSK	20635	8RB#4	21.31	PASS
Band5	3MHz	QPSK	20635	8RB#7	21.38	PASS
Band5	3MHz	QPSK	20635	15RB#0	21.28	PASS
Band5	3MHz	16QAM	20415	1RB#0	21.59	PASS
Band5	3MHz	16QAM	20415	1RB#8	21.59	PASS
Band5	3MHz	16QAM	20415	1RB#14	21.69	PASS

Band5	3MHz	16QAM	20415	8RB#0	20.85	PASS
Band5	3MHz	16QAM	20415	8RB#4	20.88	PASS
Band5	3MHz	16QAM	20415	8RB#7	20.83	PASS
Band5	3MHz	16QAM	20415	15RB#0	20.61	PASS
Band5	3MHz	16QAM	20525	1RB#0	21.39	PASS
Band5	3MHz	16QAM	20525	1RB#8	21.38	PASS
Band5	3MHz	16QAM	20525	1RB#14	21.34	PASS
Band5	3MHz	16QAM	20525	8RB#0	20.86	PASS
Band5	3MHz	16QAM	20525	8RB#4	20.86	PASS
Band5	3MHz	16QAM	20525	8RB#7	20.79	PASS
Band5	3MHz	16QAM	20525	15RB#0	20.61	PASS
Band5	3MHz	16QAM	20635	1RB#0	21.66	PASS
Band5	3MHz	16QAM	20635	1RB#8	21.57	PASS
Band5	3MHz	16QAM	20635	1RB#14	21.60	PASS
Band5	3MHz	16QAM	20635	8RB#0	20.40	PASS
Band5	3MHz	16QAM	20635	8RB#4	20.41	PASS
Band5	3MHz	16QAM	20635	8RB#7	20.46	PASS
Band5	3MHz	16QAM	20635	15RB#0	20.33	PASS
Band5	5MHz	QPSK	20425	1RB#0	22.61	PASS
Band5	5MHz	QPSK	20425	1RB#12	22.61	PASS
Band5	5MHz	QPSK	20425	1RB#24	22.55	PASS
Band5	5MHz	QPSK	20425	12RB#0	21.64	PASS
Band5	5MHz	QPSK	20425	12RB#6	21.63	PASS
Band5	5MHz	QPSK	20425	12RB#13	21.70	PASS
Band5	5MHz	QPSK	20425	25RB#0	21.71	PASS
Band5	5MHz	QPSK	20525	1RB#0	22.56	PASS
Band5	5MHz	QPSK	20525	1RB#12	22.57	PASS
Band5	5MHz	QPSK	20525	1RB#24	22.56	PASS
Band5	5MHz	QPSK	20525	12RB#0	21.65	PASS
Band5	5MHz	QPSK	20525	12RB#6	21.66	PASS
Band5	5MHz	QPSK	20525	12RB#13	21.67	PASS
Band5	5MHz	QPSK	20525	25RB#0	21.69	PASS
Band5	5MHz	QPSK	20625	1RB#0	22.60	PASS
Band5	5MHz	QPSK	20625	1RB#12	22.49	PASS
Band5	5MHz	QPSK	20625	1RB#24	22.42	PASS

Band5	5MHz	QPSK	20625	12RB#0	21.51	PASS
Band5	5MHz	QPSK	20625	12RB#6	21.53	PASS
Band5	5MHz	QPSK	20625	12RB#13	21.33	PASS
Band5	5MHz	QPSK	20625	25RB#0	21.34	PASS
Band5	5MHz	16QAM	20425	1RB#0	21.00	PASS
Band5	5MHz	16QAM	20425	1RB#12	21.11	PASS
Band5	5MHz	16QAM	20425	1RB#24	21.12	PASS
Band5	5MHz	16QAM	20425	12RB#0	20.45	PASS
Band5	5MHz	16QAM	20425	12RB#6	20.41	PASS
Band5	5MHz	16QAM	20425	12RB#13	20.68	PASS
Band5	5MHz	16QAM	20425	25RB#0	20.80	PASS
Band5	5MHz	16QAM	20525	1RB#0	21.82	PASS
Band5	5MHz	16QAM	20525	1RB#12	21.83	PASS
Band5	5MHz	16QAM	20525	1RB#24	21.66	PASS
Band5	5MHz	16QAM	20525	12RB#0	20.92	PASS
Band5	5MHz	16QAM	20525	12RB#6	20.92	PASS
Band5	5MHz	16QAM	20525	12RB#13	20.83	PASS
Band5	5MHz	16QAM	20525	25RB#0	20.69	PASS
Band5	5MHz	16QAM	20625	1RB#0	21.23	PASS
Band5	5MHz	16QAM	20625	1RB#12	21.11	PASS
Band5	5MHz	16QAM	20625	1RB#24	21.07	PASS
Band5	5MHz	16QAM	20625	12RB#0	20.32	PASS
Band5	5MHz	16QAM	20625	12RB#6	20.29	PASS
Band5	5MHz	16QAM	20625	12RB#13	20.15	PASS
Band5	5MHz	16QAM	20625	25RB#0	20.27	PASS
Band5	10MHz	QPSK	20450	1RB#0	22.60	PASS
Band5	10MHz	QPSK	20450	1RB#24	22.55	PASS
Band5	10MHz	QPSK	20450	1RB#49	22.63	PASS
Band5	10MHz	QPSK	20450	25RB#0	21.70	PASS
Band5	10MHz	QPSK	20450	25RB#12	21.69	PASS
Band5	10MHz	QPSK	20450	25RB#25	21.60	PASS
Band5	10MHz	QPSK	20450	50RB#0	21.73	PASS
Band5	10MHz	QPSK	20525	1RB#0	22.55	PASS
Band5	10MHz	QPSK	20525	1RB#24	22.45	PASS
Band5	10MHz	QPSK	20525	1RB#49	22.46	PASS

Band5	10MHz	QPSK	20525	25RB#0	21.69	PASS
Band5	10MHz	QPSK	20525	25RB#12	21.71	PASS
Band5	10MHz	QPSK	20525	25RB#25	21.46	PASS
Band5	10MHz	QPSK	20525	50RB#0	21.71	PASS
Band5	10MHz	QPSK	20600	1RB#0	22.62	PASS
Band5	10MHz	QPSK	20600	1RB#24	22.51	PASS
Band5	10MHz	QPSK	20600	1RB#49	22.25	PASS
Band5	10MHz	QPSK	20600	25RB#0	21.50	PASS
Band5	10MHz	QPSK	20600	25RB#12	21.46	PASS
Band5	10MHz	QPSK	20600	25RB#25	21.35	PASS
Band5	10MHz	QPSK	20600	50RB#0	21.39	PASS
Band5	10MHz	16QAM	20450	1RB#0	21.68	PASS
Band5	10MHz	16QAM	20450	1RB#24	21.57	PASS
Band5	10MHz	16QAM	20450	1RB#49	21.61	PASS
Band5	10MHz	16QAM	20450	25RB#0	20.68	PASS
Band5	10MHz	16QAM	20450	25RB#12	20.70	PASS
Band5	10MHz	16QAM	20450	25RB#25	20.72	PASS
Band5	10MHz	16QAM	20450	50RB#0	20.52	PASS
Band5	10MHz	16QAM	20525	1RB#0	21.46	PASS
Band5	10MHz	16QAM	20525	1RB#24	21.58	PASS
Band5	10MHz	16QAM	20525	1RB#49	21.38	PASS
Band5	10MHz	16QAM	20525	25RB#0	20.91	PASS
Band5	10MHz	16QAM	20525	25RB#12	20.91	PASS
Band5	10MHz	16QAM	20525	25RB#25	20.67	PASS
Band5	10MHz	16QAM	20525	50RB#0	20.76	PASS
Band5	10MHz	16QAM	20600	1RB#0	21.94	PASS
Band5	10MHz	16QAM	20600	1RB#24	21.94	PASS
Band5	10MHz	16QAM	20600	1RB#49	21.69	PASS
Band5	10MHz	16QAM	20600	25RB#0	20.58	PASS
Band5	10MHz	16QAM	20600	25RB#12	20.58	PASS
Band5	10MHz	16QAM	20600	25RB#25	20.35	PASS
Band5	10MHz	16QAM	20600	50RB#0	20.42	PASS

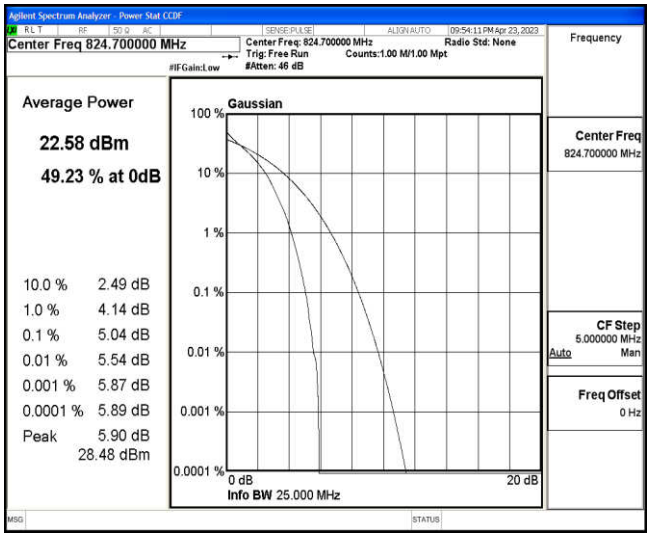
E.2 Peak-to-Average Ratio(CCDF)

Test Result

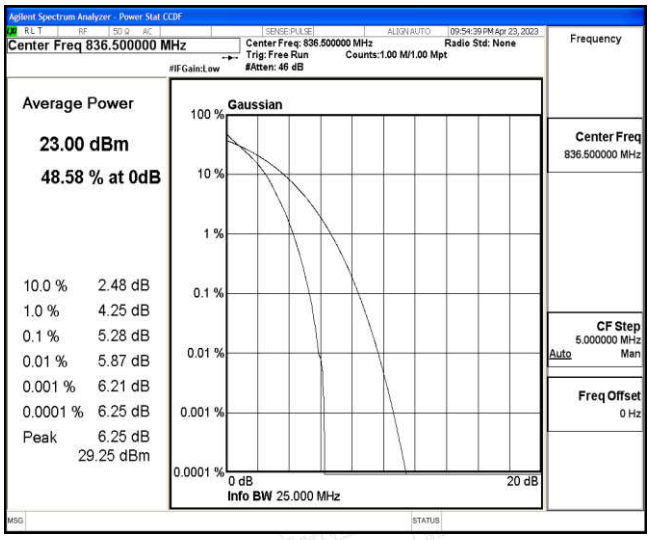
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	5.04	13	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	5.28	13	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	4.63	13	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	5.81	13	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	5.93	13	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	5.34	13	PASS
Band5	3MHz	QPSK	20415	15RB#0	4.91	13	PASS
Band5	3MHz	QPSK	20525	15RB#0	5.20	13	PASS
Band5	3MHz	QPSK	20635	15RB#0	4.64	13	PASS
Band5	3MHz	16QAM	20415	15RB#0	5.75	13	PASS
Band5	3MHz	16QAM	20525	15RB#0	6.04	13	PASS
Band5	3MHz	16QAM	20635	15RB#0	5.56	13	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.69	13	PASS
Band5	5MHz	QPSK	20525	25RB#0	5.19	13	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.73	13	PASS
Band5	5MHz	16QAM	20425	25RB#0	5.50	13	PASS
Band5	5MHz	16QAM	20525	25RB#0	5.88	13	PASS
Band5	5MHz	16QAM	20625	25RB#0	5.60	13	PASS
Band5	10MHz	QPSK	20450	50RB#0	4.88	13	PASS
Band5	10MHz	QPSK	20525	50RB#0	5.18	13	PASS
Band5	10MHz	QPSK	20600	50RB#0	4.91	13	PASS
Band5	10MHz	16QAM	20450	50RB#0	5.68	13	PASS
Band5	10MHz	16QAM	20525	50RB#0	5.90	13	PASS
Band5	10MHz	16QAM	20600	50RB#0	5.77	13	PASS

Test Graphs

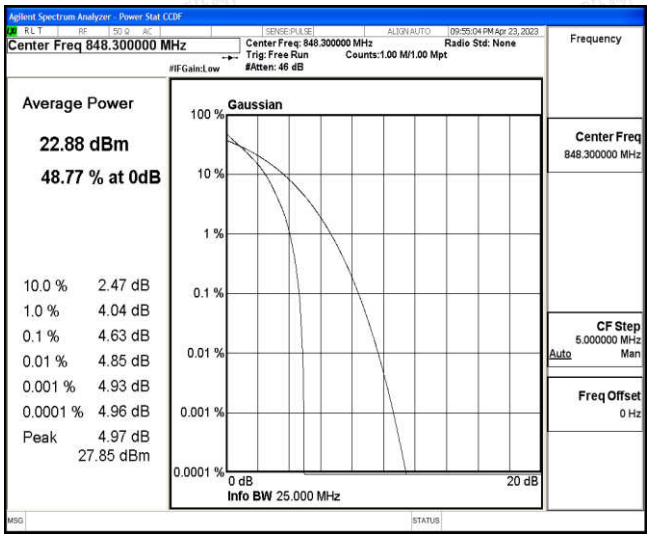
Band5-1.4MHz-QPSK-20407-6RB#0



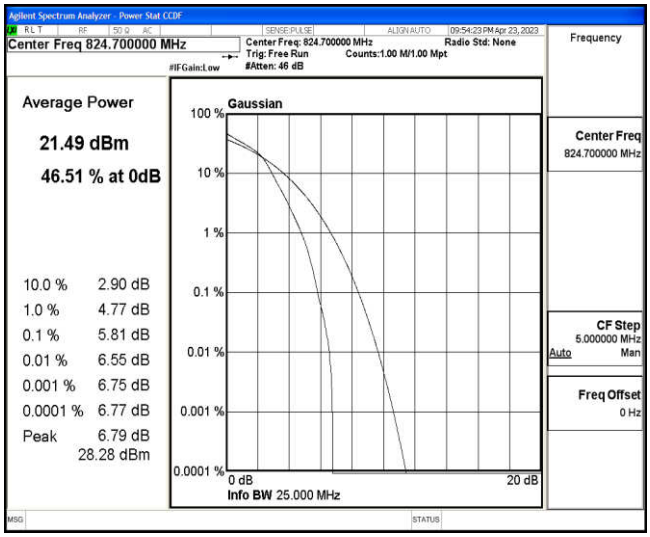
Band5-1.4MHz-QPSK-20525-6RB#0



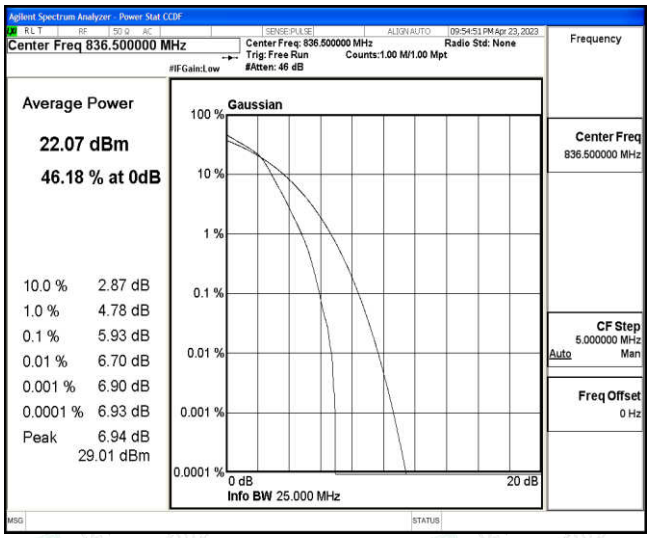
Band5-1.4MHz-QPSK-20643-6RB#0



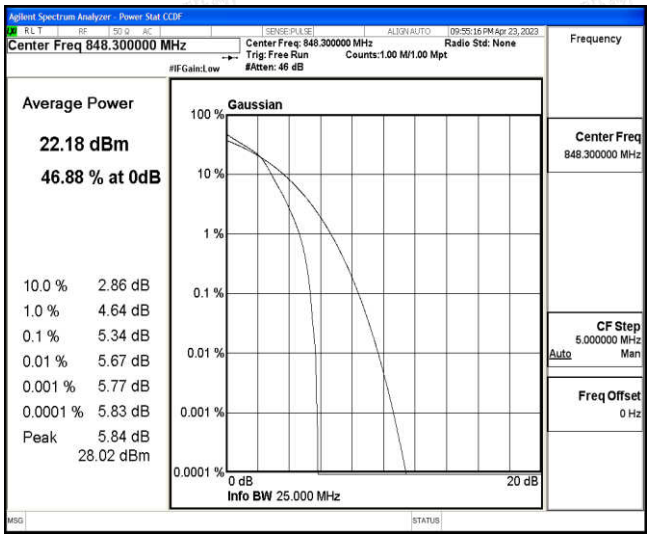
Band5-1.4MHz-16QAM-20407-6RB#0



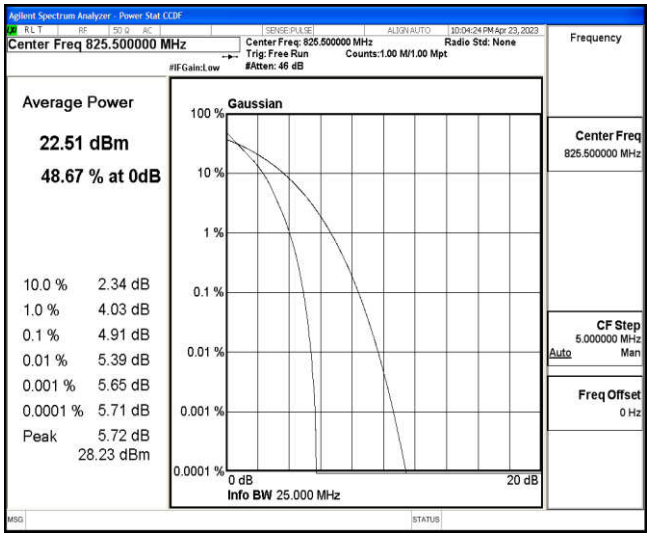
Band5-1.4MHz-16QAM-20525-6RB#0



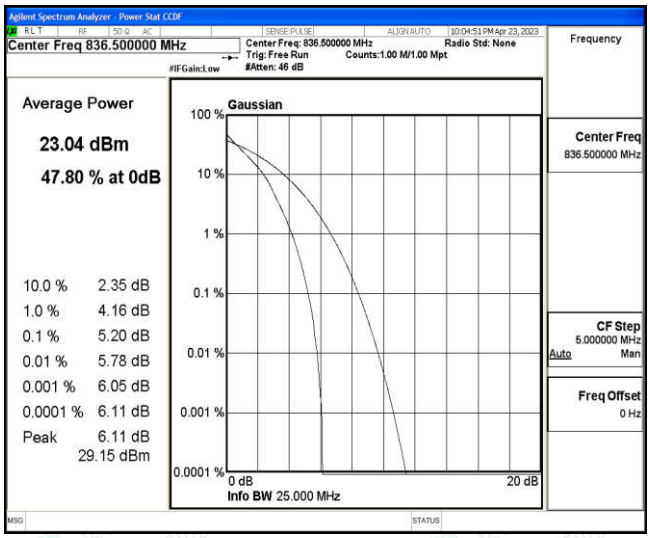
Band5-1.4MHz-16QAM-20643-6RB#0



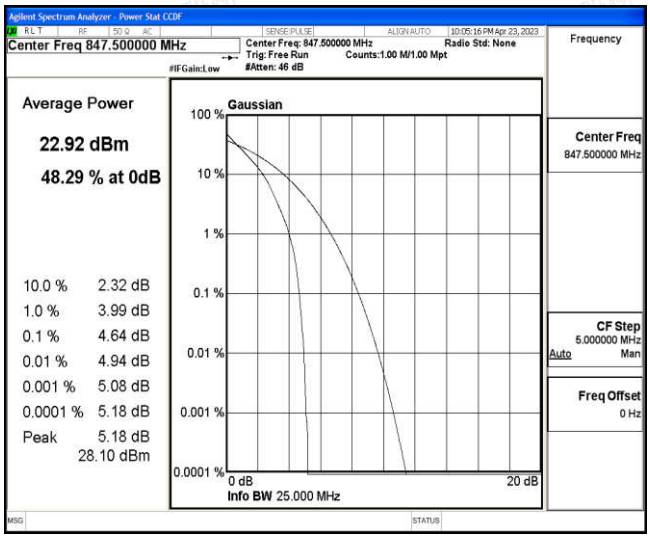
Band5-3MHz-QPSK-20415-15RB#0



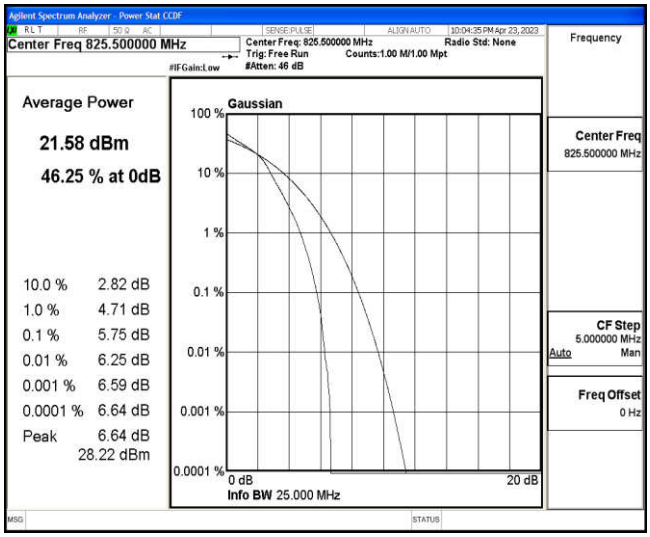
Band5-3MHz-QPSK-20525-15RB#0



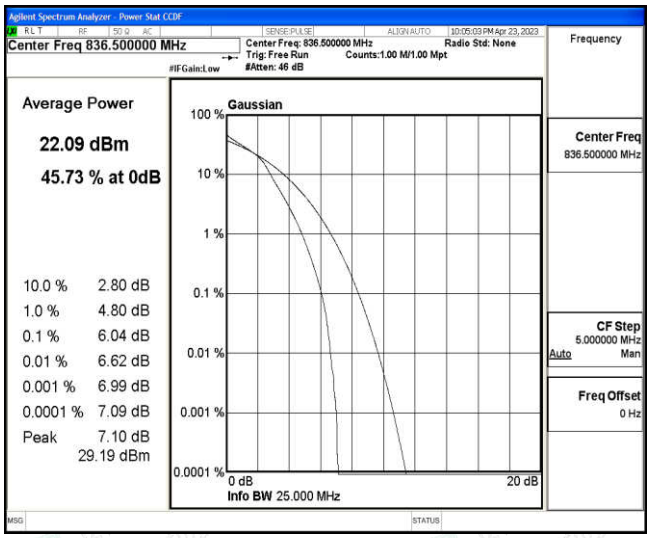
Band5-3MHz-QPSK-20635-15RB#0



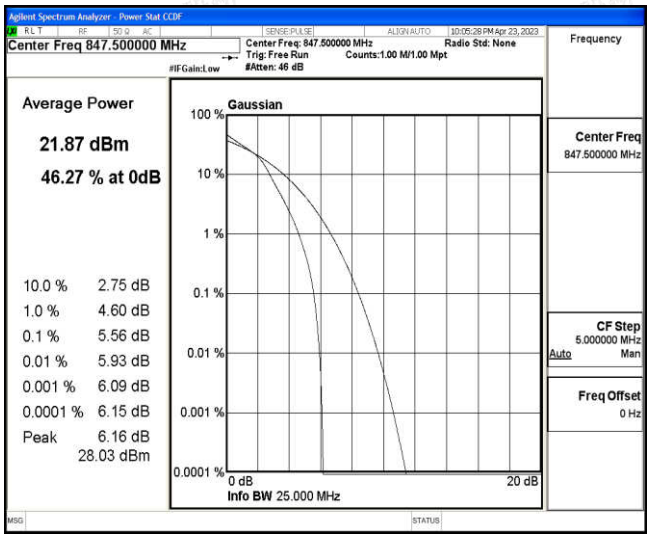
Band5-3MHz-16QAM-20415-15RB#0



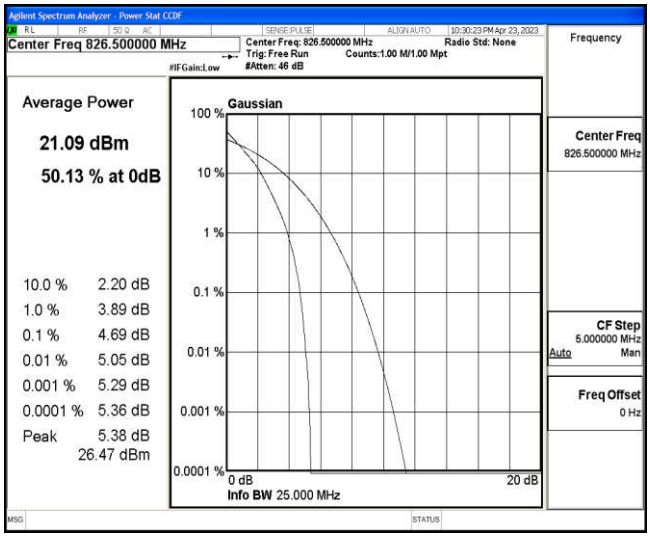
Band5-3MHz-16QAM-20525-15RB#0



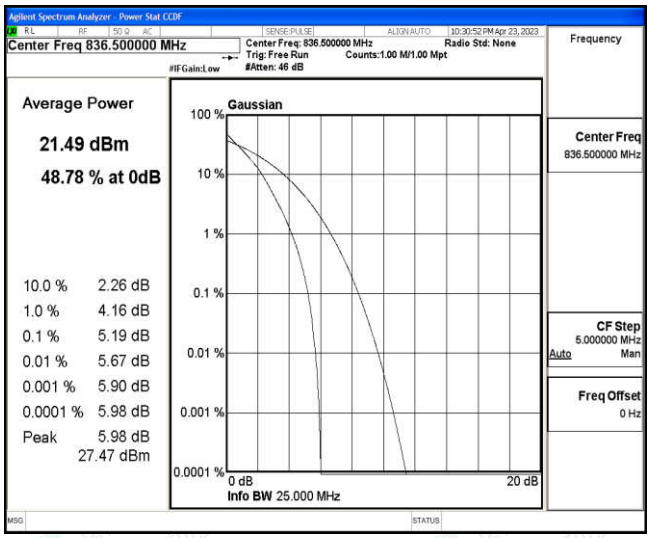
Band5-3MHz-16QAM-20635-15RB#0



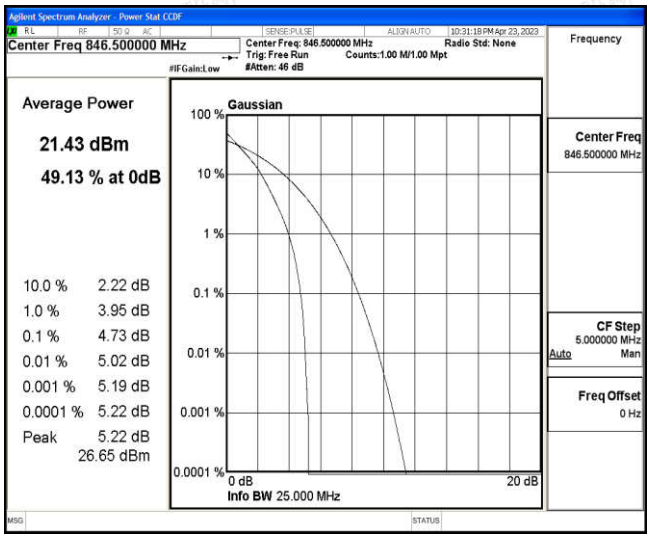
Band5-5MHz-QPSK-20425-25RB#0



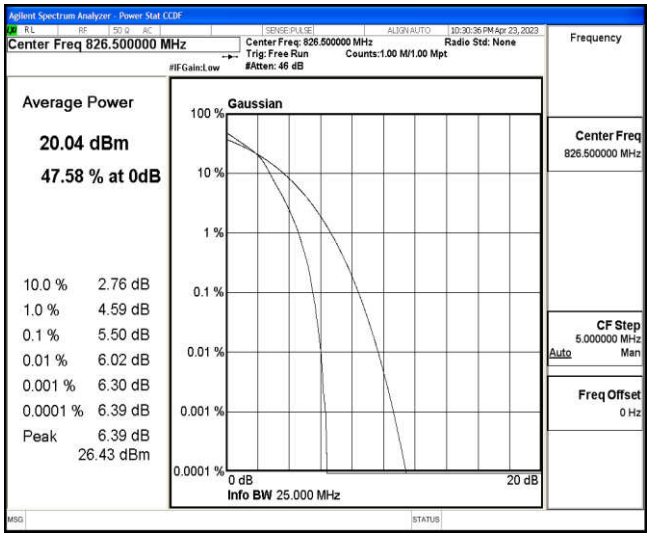
Band5-5MHz-QPSK-20525-25RB#0



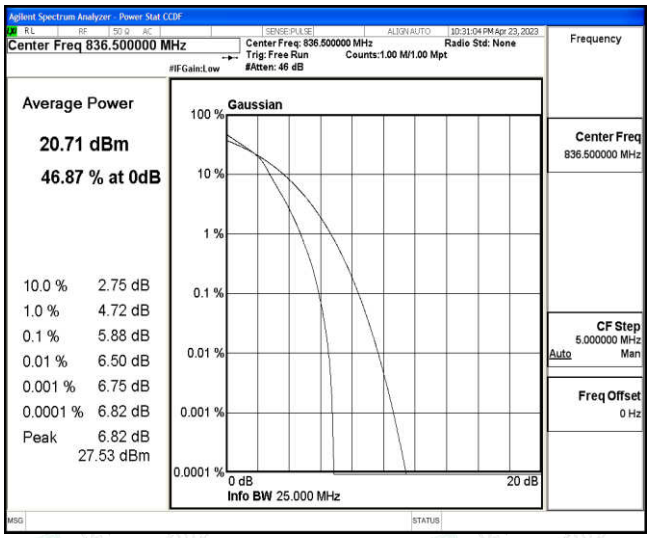
Band5-5MHz-QPSK-20625-25RB#0



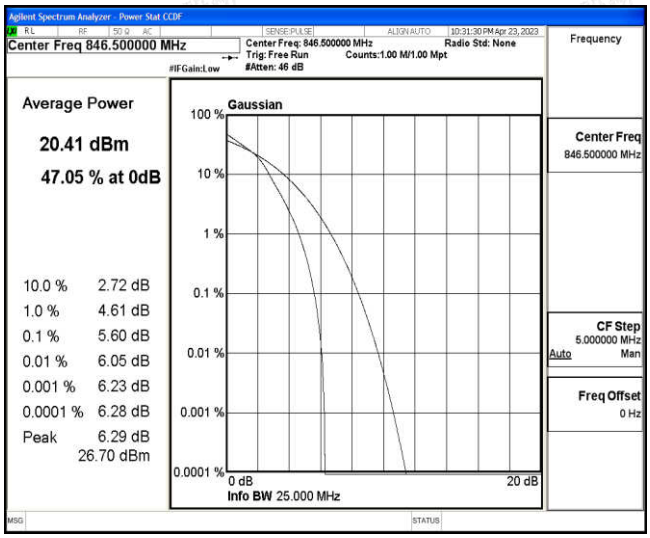
Band5-5MHz-16QAM-20425-25RB#0



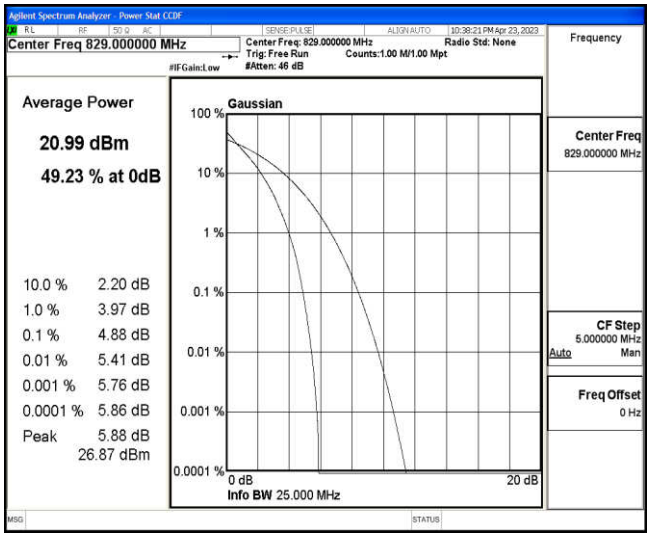
Band5-5MHz-16QAM-20525-25RB#0



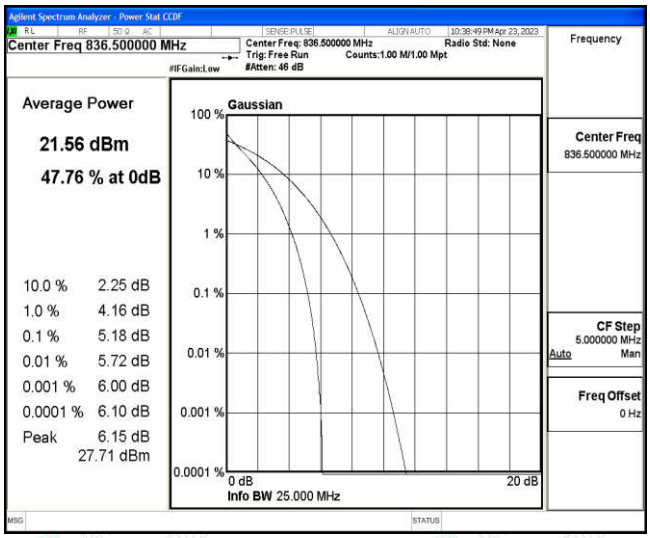
Band5-5MHz-16QAM-20625-25RB#0



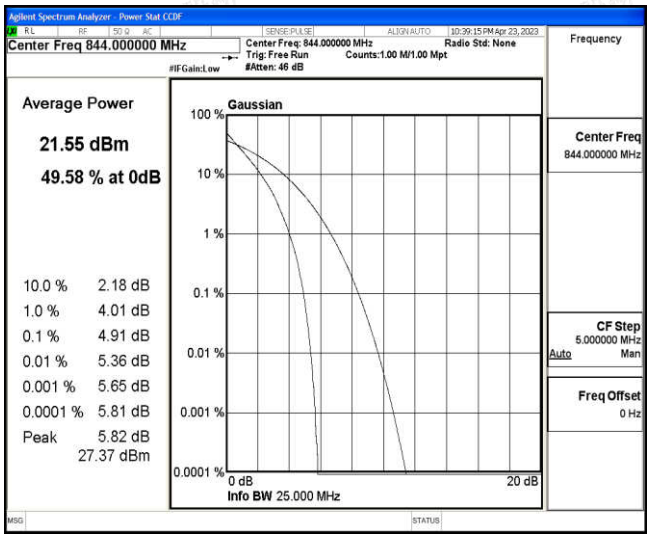
Band5-10MHz-QPSK-20450-50RB#0



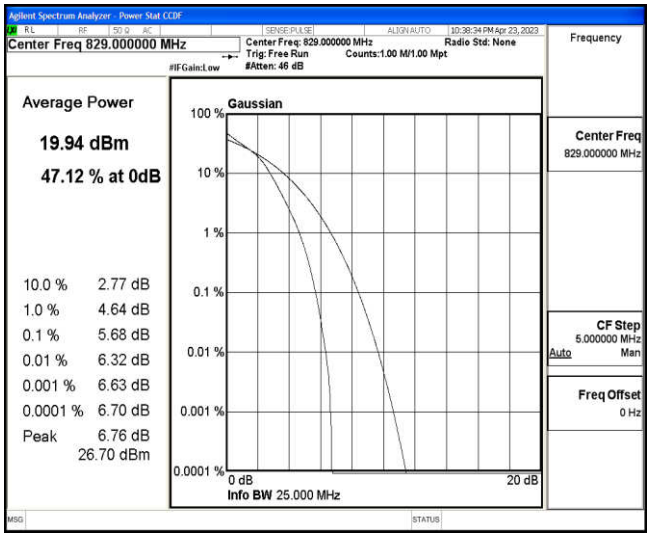
Band5-10MHz-QPSK-20525-50RB#0



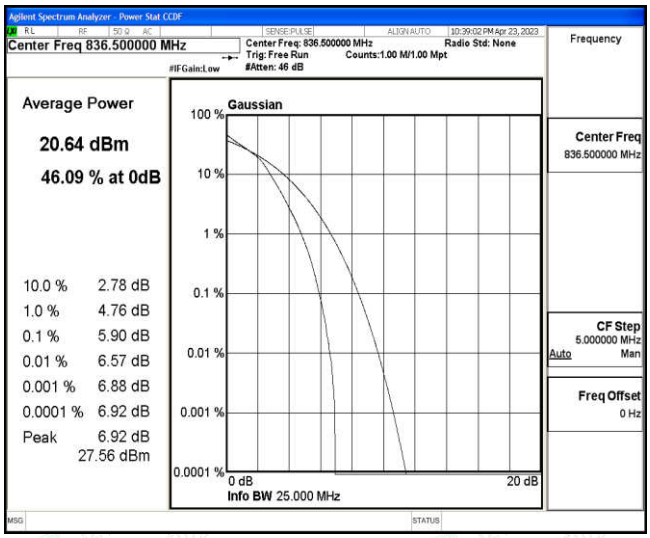
Band5-10MHz-QPSK-20600-50RB#0



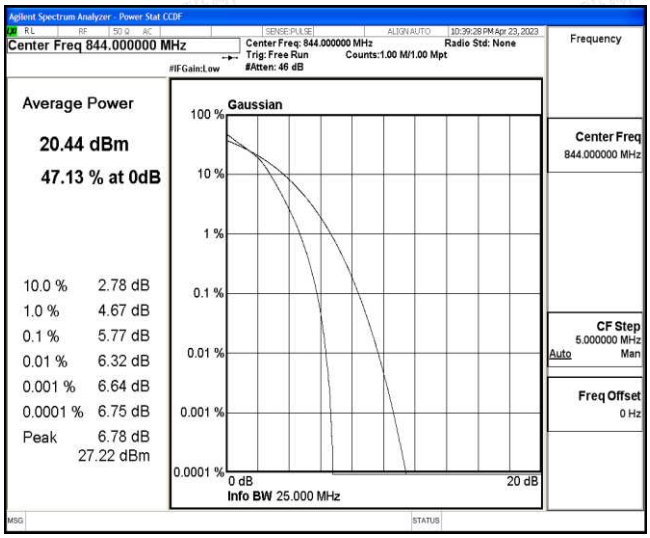
Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0


Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 844.000000 MHz
Center Freq: 844.000000 MHz
Trig: Free Run
#Atten: 46 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
20.44 dBm
47.13 % at 0dB
10.0 % 2.78 dB
1.0 % 4.67 dB
0.1 % 5.77 dB
0.01 % 6.32 dB
0.001 % 6.64 dB
0.0001 % 6.75 dB
Peak 6.78 dB
27.22 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
844.000000 MHz
CF Step
5.000000 MHz
Auto Man
Freq Offset
0 Hz

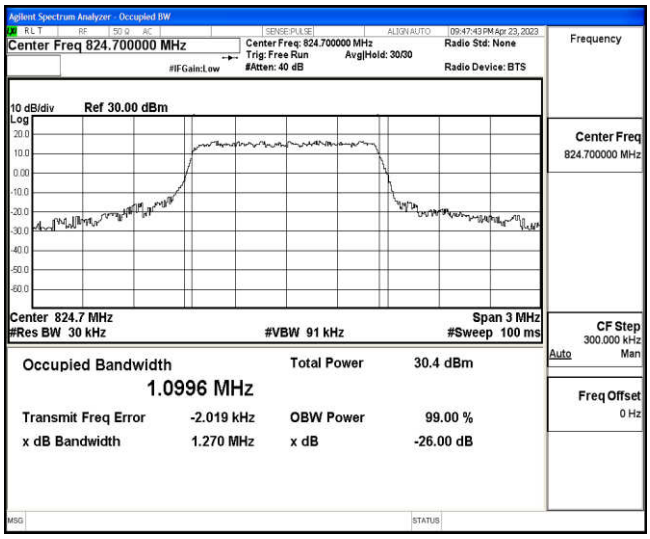
E.3 26dB Bandwidth and Occupied Bandwidth

Test Result

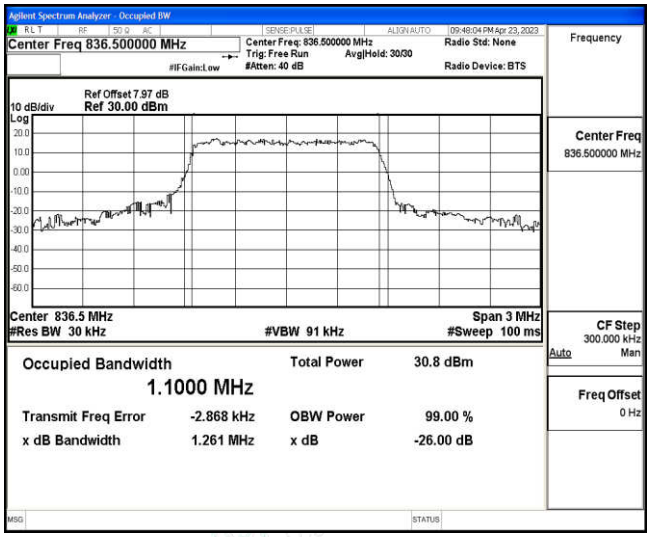
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	1.0996	1.270	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.1000	1.261	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0974	1.322	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1054	1.264	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.1062	1.268	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.1020	1.262	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7075	3.040	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7082	3.077	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7093	3.044	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7007	3.058	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7004	3.026	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7132	3.083	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5308	5.303	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5366	5.357	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5127	5.419	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.5150	5.256	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5288	5.291	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5413	5.371	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9699	9.958	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0017	9.990	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9806	10.17	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.9820	9.945	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.9942	10.10	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.9821	10.41	PASS

Test Graphs

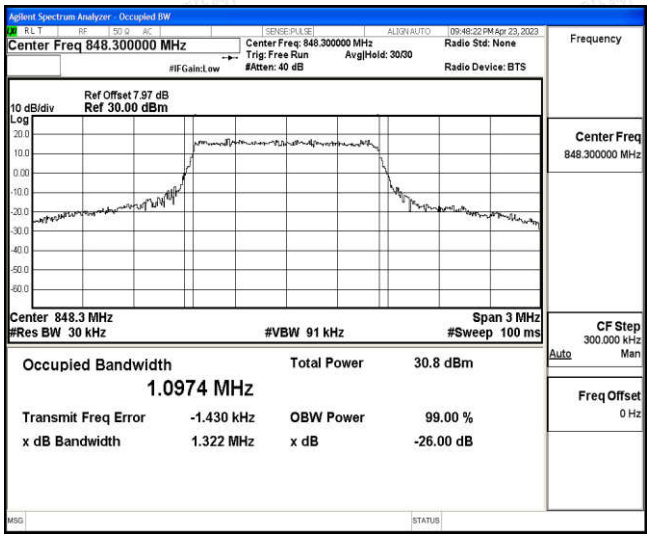
Band5-1.4MHz-QPSK-20407-6RB#0



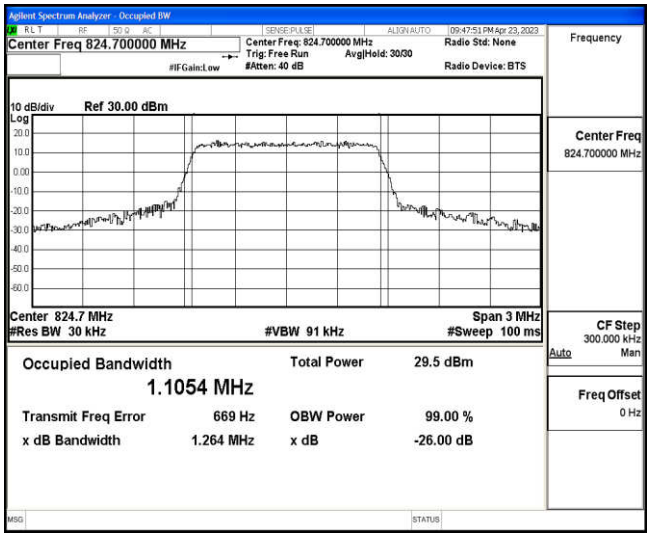
Band5-1.4MHz-QPSK-20525-6RB#0



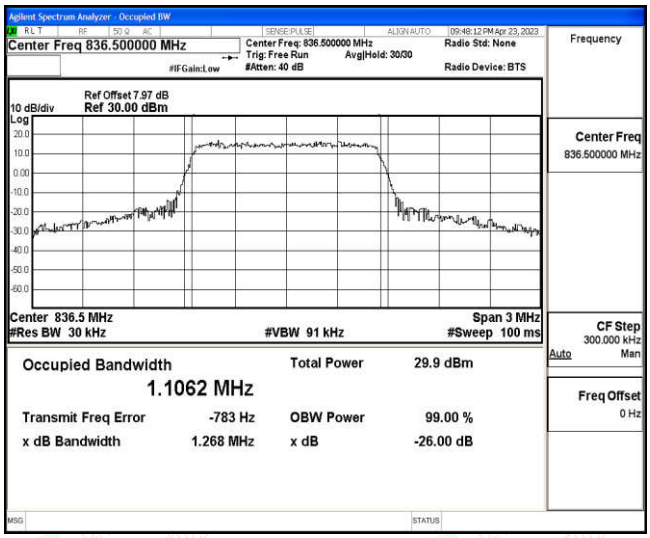
Band5-1.4MHz-QPSK-20643-6RB#0



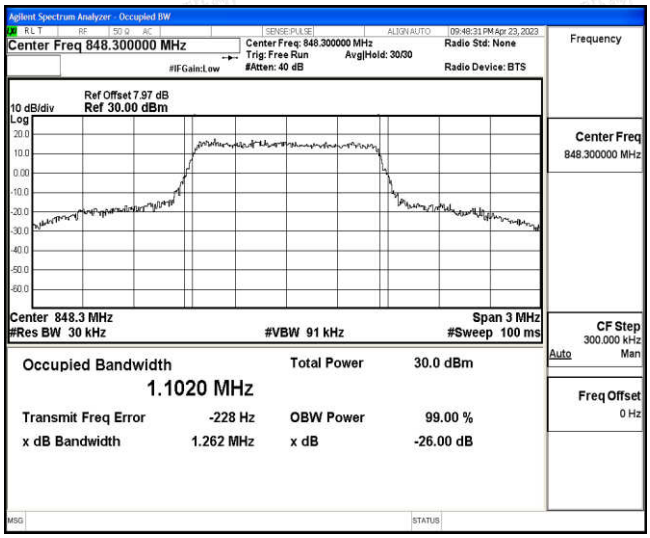
Band5-1.4MHz-16QAM-20407-6RB#0



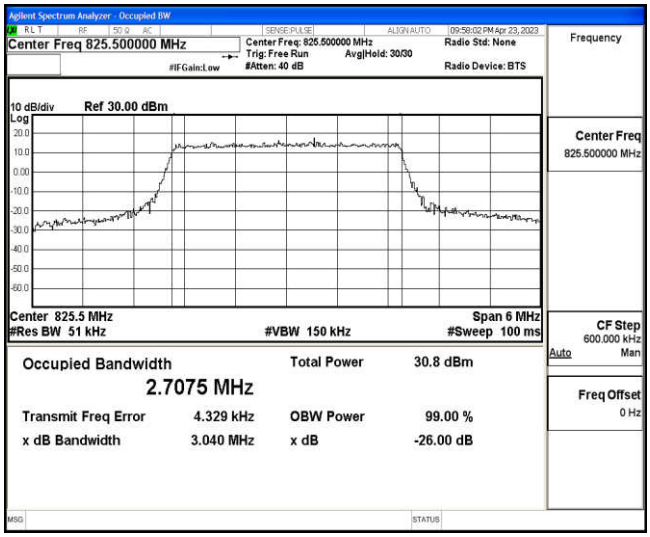
Band5-1.4MHz-16QAM-20525-6RB#0



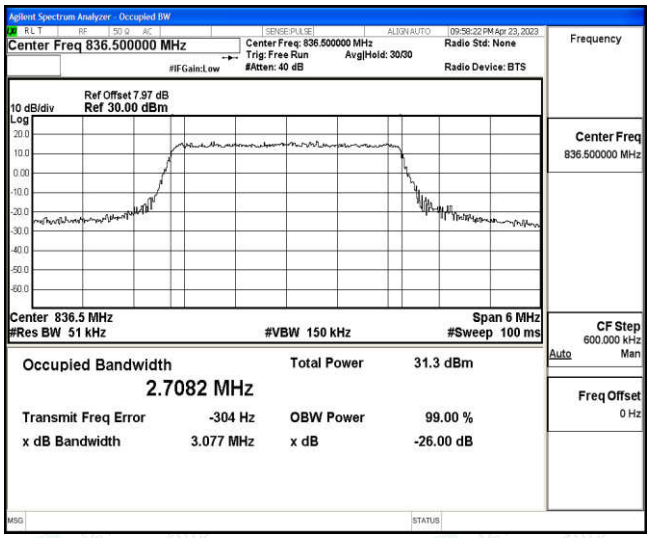
Band5-1.4MHz-16QAM-20643-6RB#0



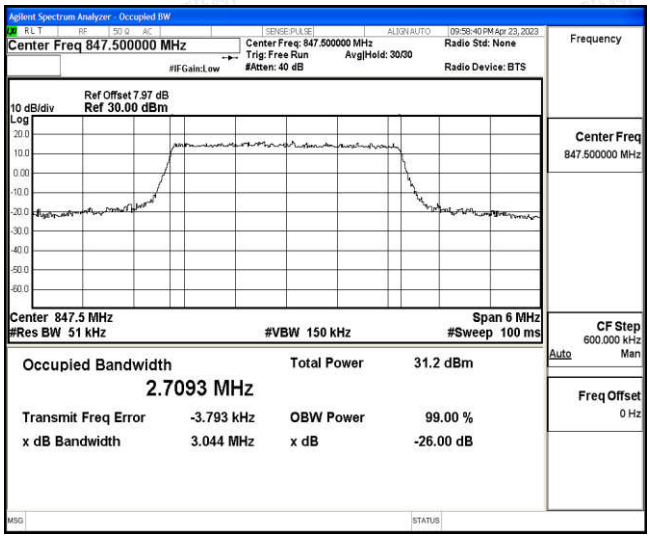
Band5-3MHz-QPSK-20415-15RB#0



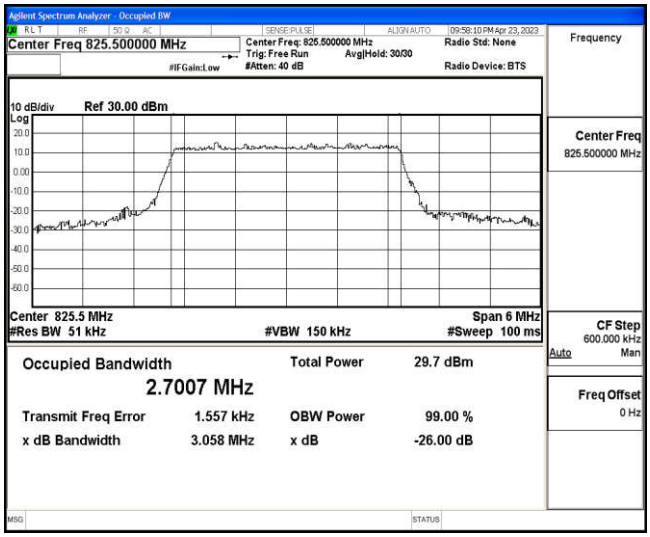
Band5-3MHz-QPSK-20525-15RB#0



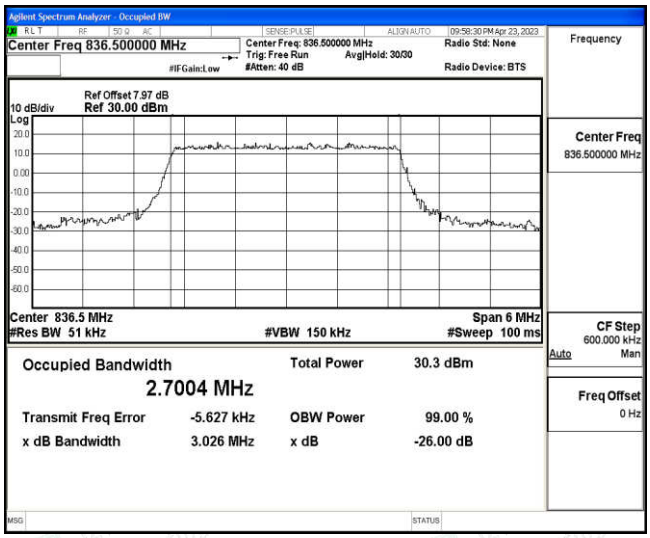
Band5-3MHz-QPSK-20635-15RB#0



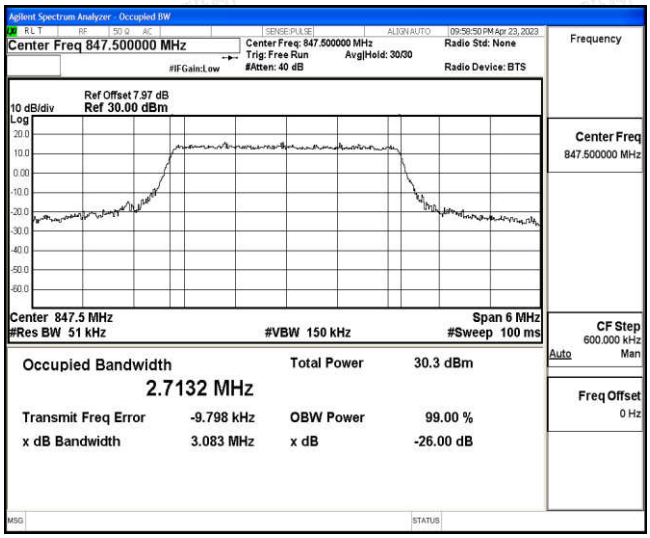
Band5-3MHz-16QAM-20415-15RB#0



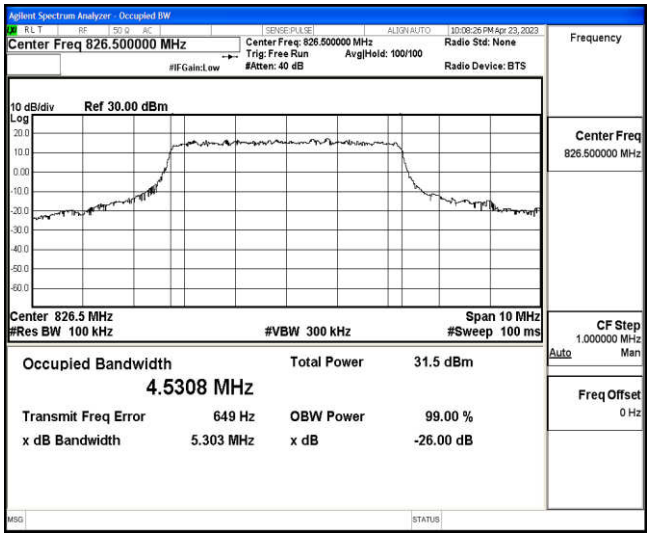
Band5-3MHz-16QAM-20525-15RB#0



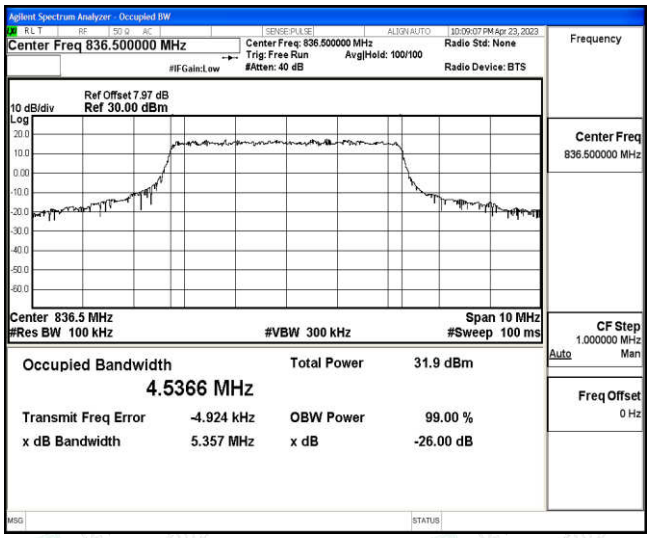
Band5-3MHz-16QAM-20635-15RB#0



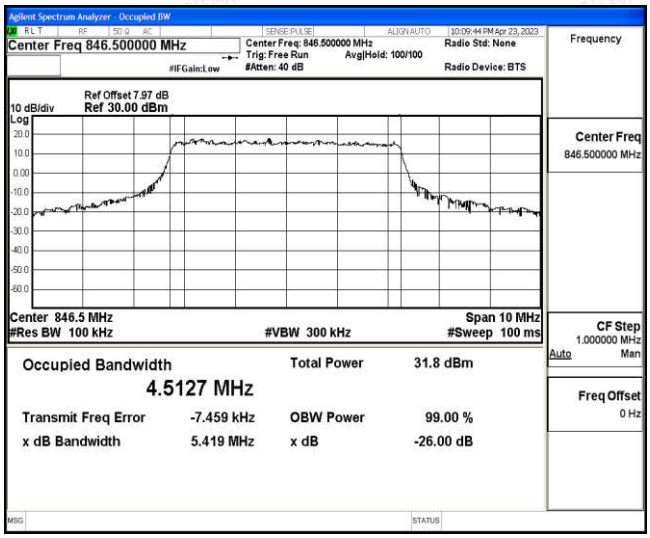
Band5-5MHz-QPSK-20425-25RB#0



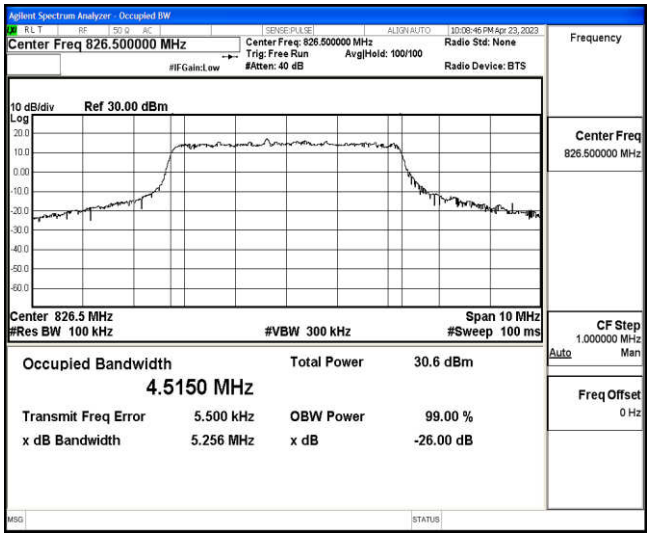
Band5-5MHz-QPSK-20525-25RB#0



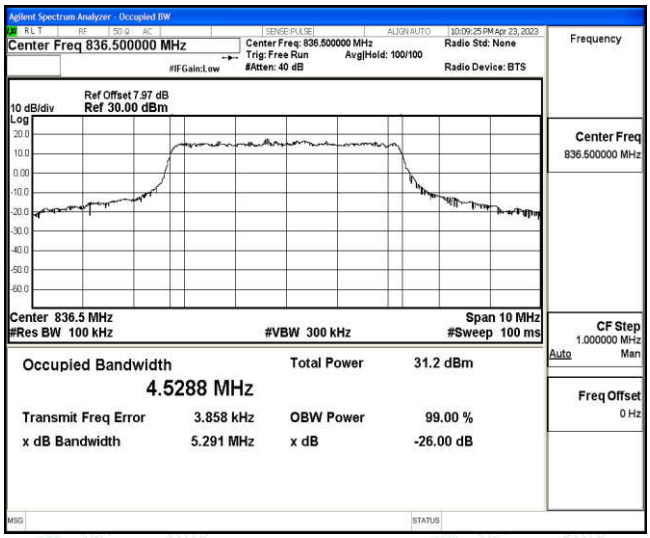
Band5-5MHz-QPSK-20625-25RB#0



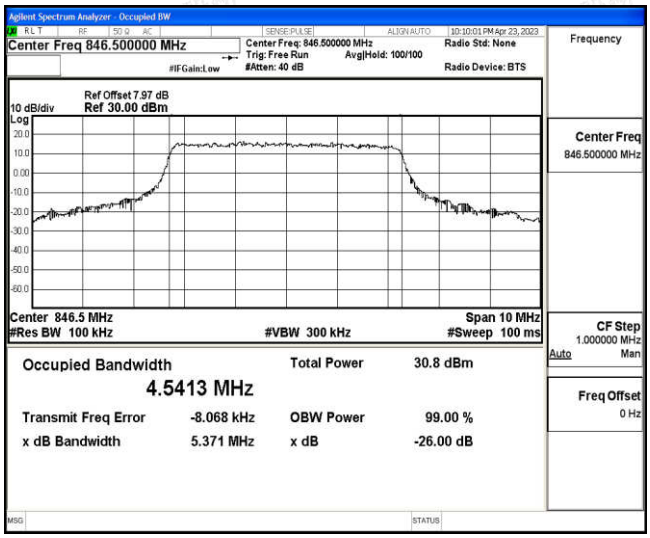
Band5-5MHz-16QAM-20425-25RB#0



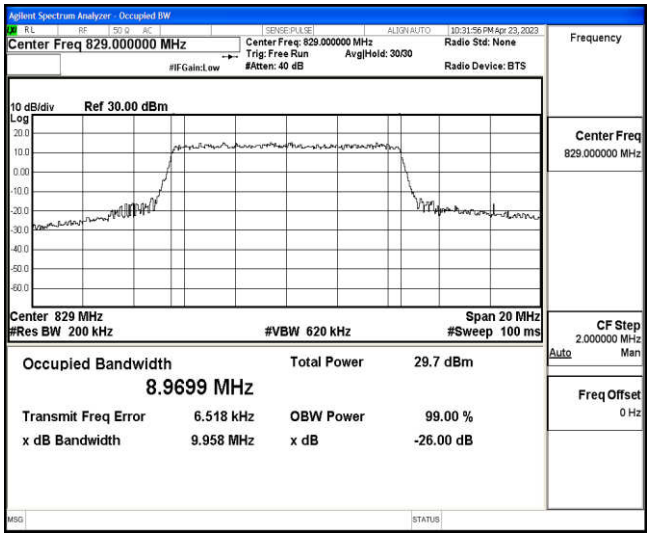
Band5-5MHz-16QAM-20525-25RB#0



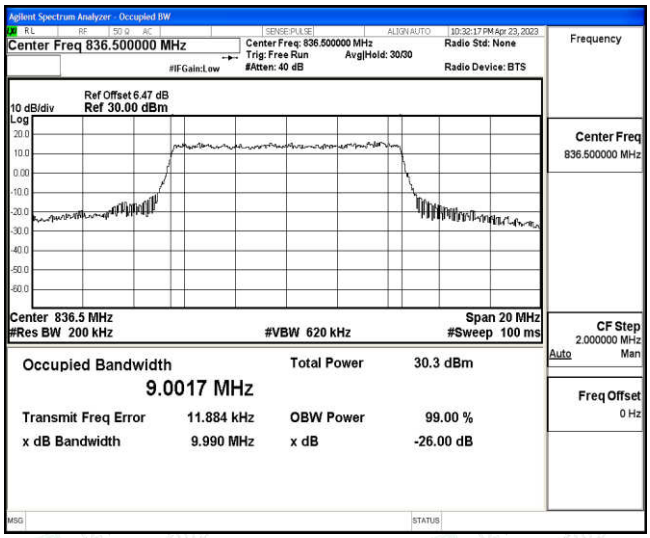
Band5-5MHz-16QAM-20625-25RB#0



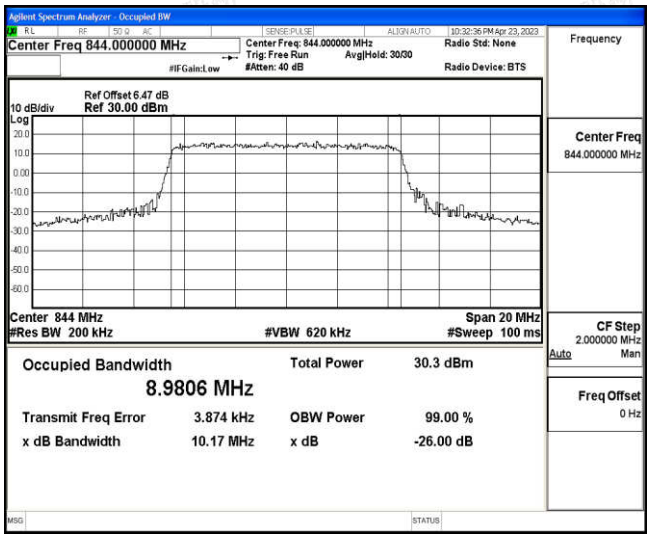
Band5-10MHz-QPSK-20450-50RB#0



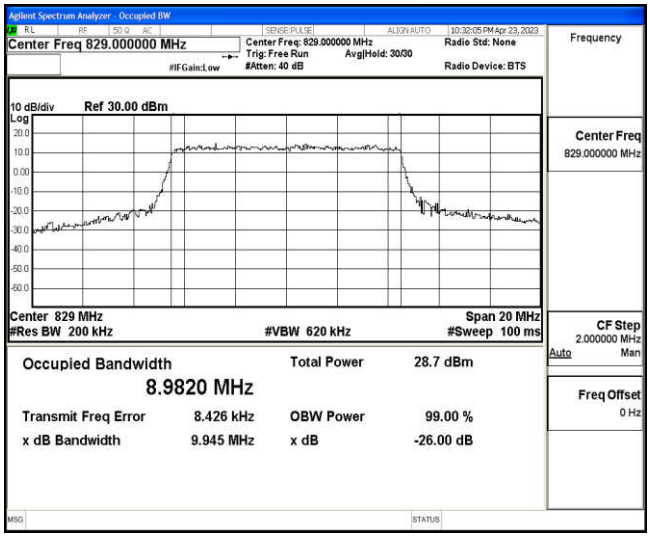
Band5-10MHz-QPSK-20525-50RB#0



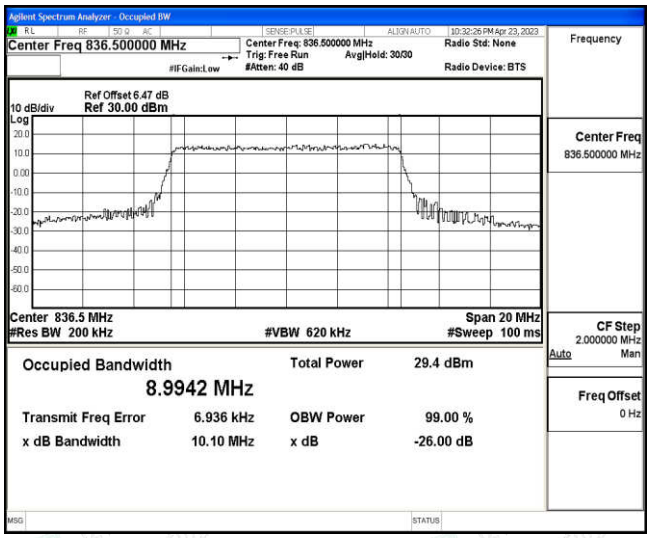
Band5-10MHz-QPSK-20600-50RB#0



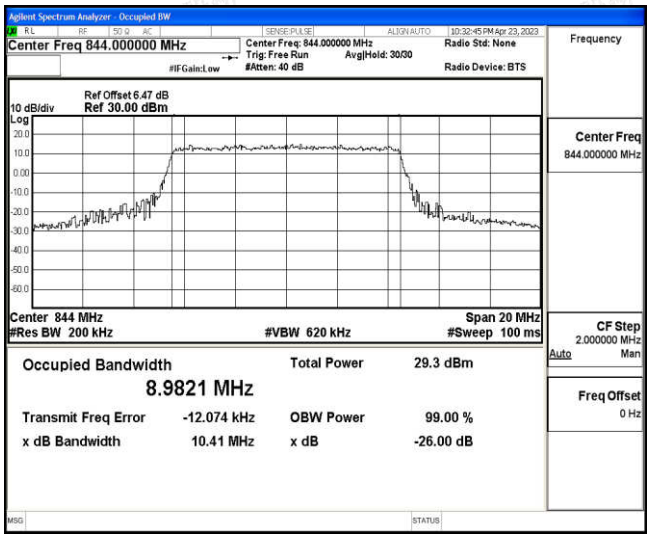
Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



Band5-10MHz-16QAM-20600-50RB#0


Agilent Spectrum Analyzer - Occupied BW
Center Freq 844.000000 MHz
Center Freq: 844.000000 MHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 6.47 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
844.000000 MHz
Center 844 MHz
#Res BW 200 kHz
#VBW 620 kHz
Span 20 MHz
#Sweep 100 ms
CF Step
2.000000 MHz
Auto
Man
Occupied Bandwidth
8.9821 MHz
Total Power 29.3 dBm
Transmit Freq Error -12.074 kHz
OBW Power 99.00 %
x dB Bandwidth 10.41 MHz
x dB -26.00 dB
Freq Offset
0 Hz

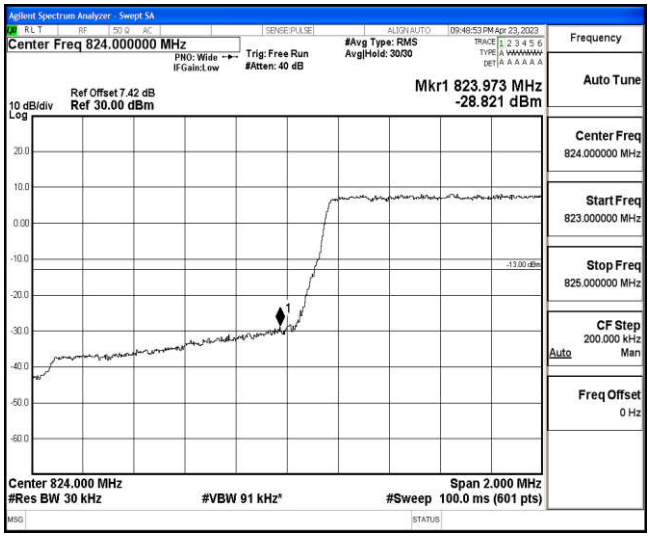
E.4 Band Edge

Test Result

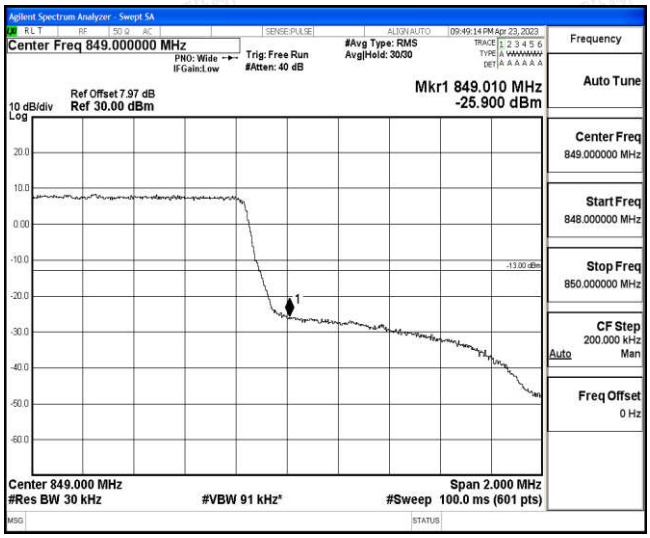
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band5	1.4MHz	QPSK	20407	6RB#0	-28.82	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	-25.90	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	-30.08	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	-26.77	PASS
Band5	3MHz	QPSK	20415	15RB#0	-22.00	PASS
Band5	3MHz	QPSK	20635	15RB#0	-20.92	PASS
Band5	3MHz	16QAM	20415	15RB#0	-23.28	PASS
Band5	3MHz	16QAM	20635	15RB#0	-22.34	PASS
Band5	5MHz	QPSK	20425	25RB#0	-25.02	PASS
Band5	5MHz	QPSK	20625	25RB#0	-23.99	PASS
Band5	5MHz	16QAM	20425	25RB#0	-26.62	PASS
Band5	5MHz	16QAM	20625	25RB#0	-25.42	PASS
Band5	10MHz	QPSK	20450	50RB#0	-27.82	PASS
Band5	10MHz	QPSK	20600	50RB#0	-27.86	PASS
Band5	10MHz	16QAM	20450	50RB#0	-30.27	PASS
Band5	10MHz	16QAM	20600	50RB#0	-29.23	PASS

Test Graphs

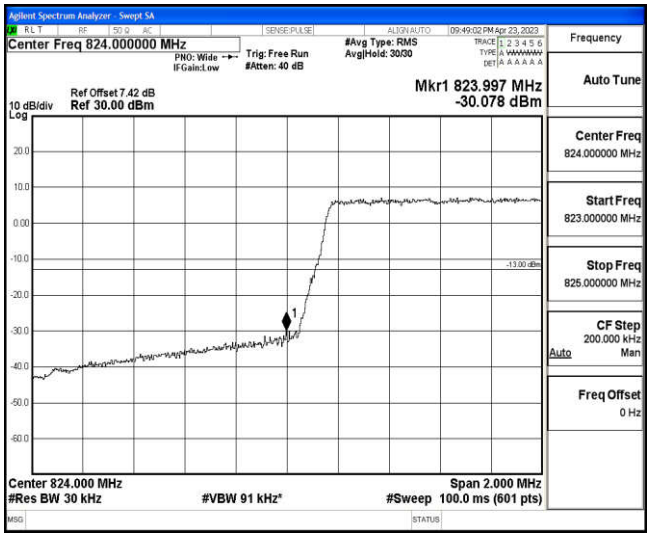
Band5-1.4MHz-QPSK-20407-6RB#0



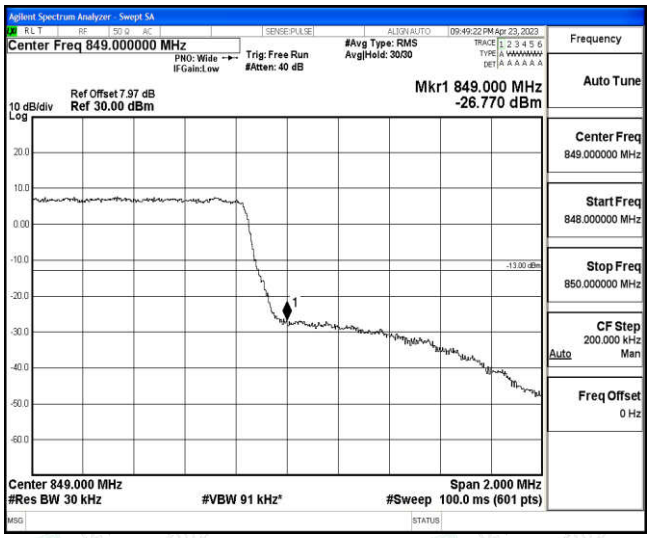
Band5-1.4MHz-QPSK-20643-6RB#0



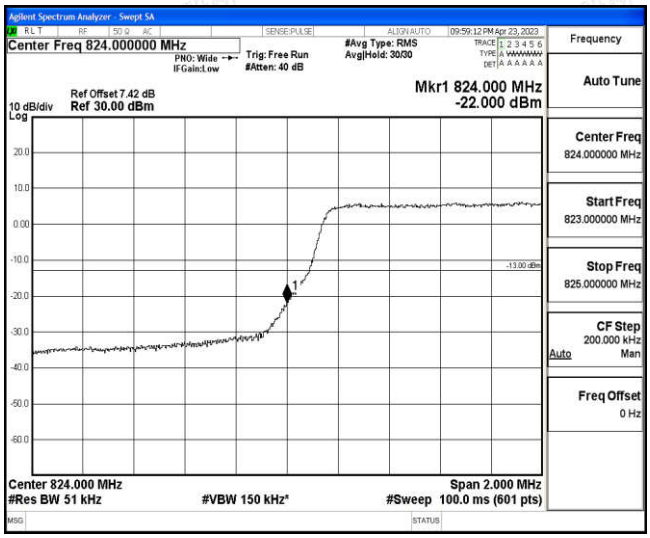
Band5-1.4MHz-16QAM-20407-6RB#0



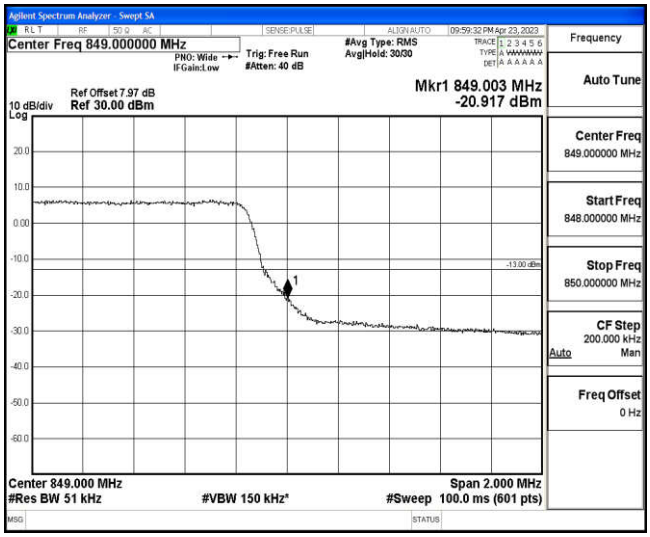
Band5-1.4MHz-16QAM-20643-6RB#0



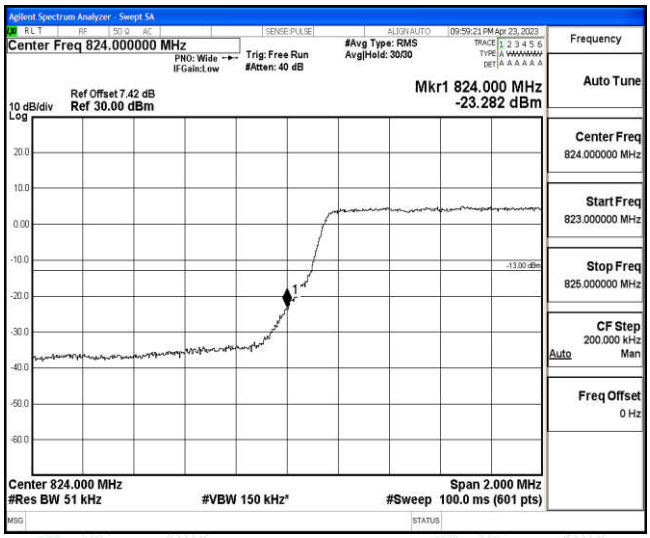
Band5-3MHz-QPSK-20415-15RB#0



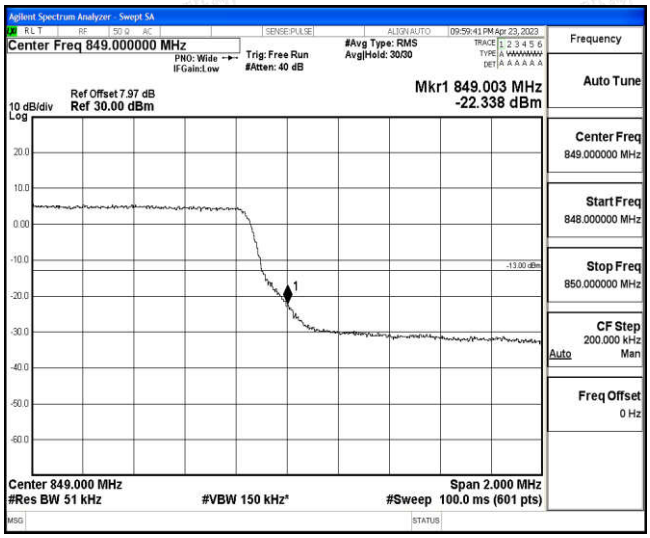
Band5-3MHz-QPSK-20635-15RB#0



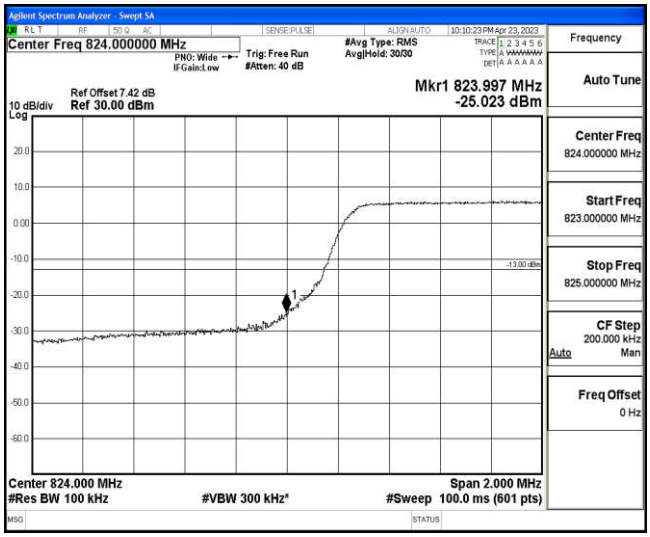
Band5-3MHz-16QAM-20415-15RB#0



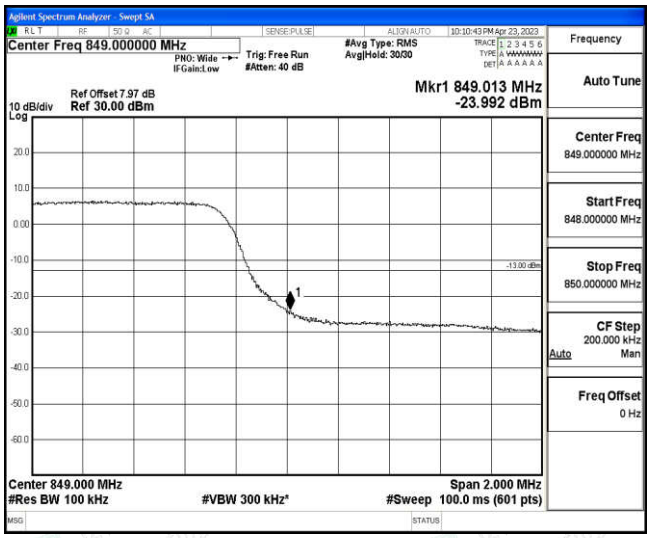
Band5-3MHz-16QAM-20635-15RB#0



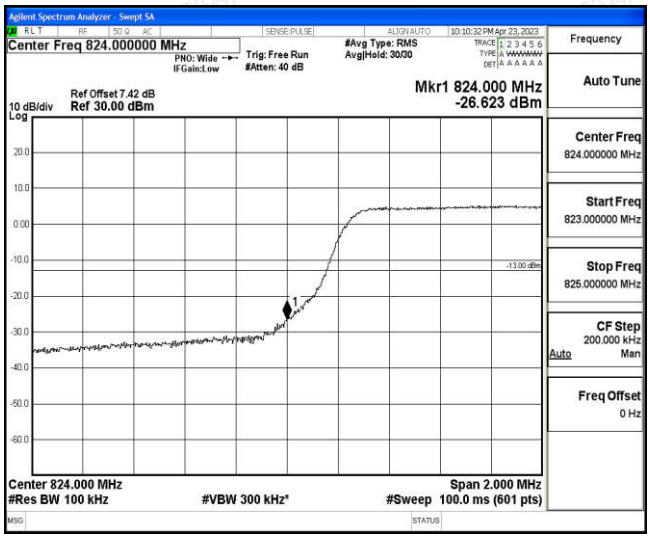
Band5-5MHz-QPSK-20425-25RB#0



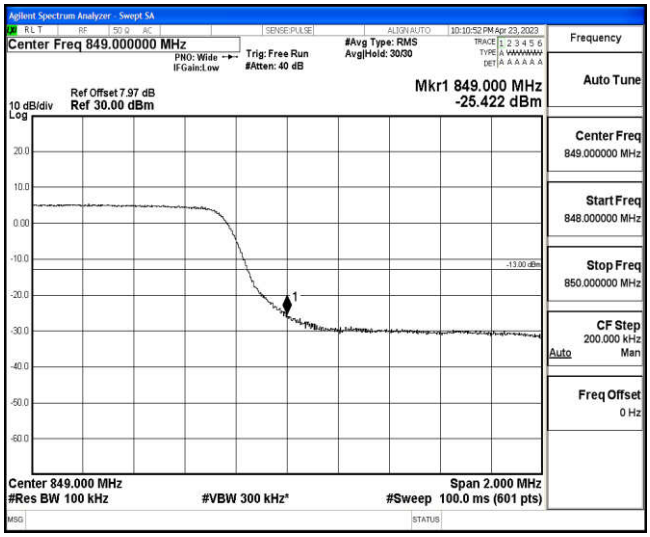
Band5-5MHz-QPSK-20625-25RB#0



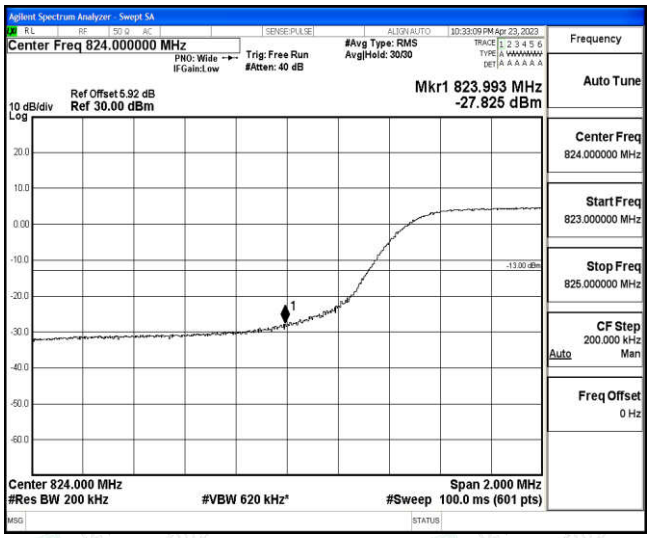
Band5-5MHz-16QAM-20425-25RB#0



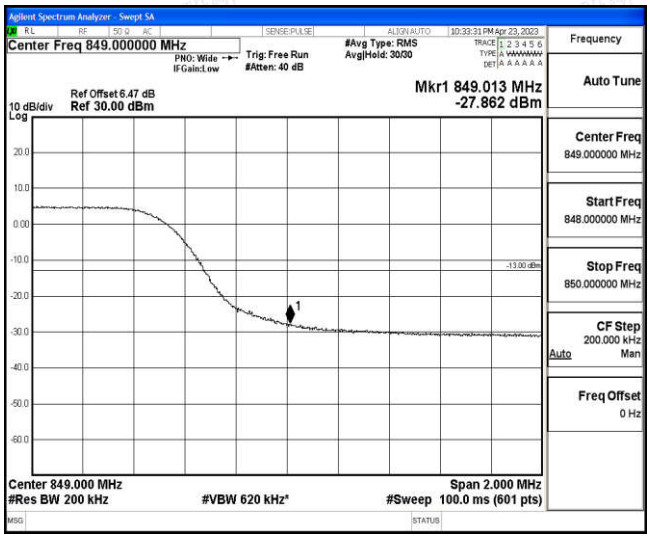
Band5-5MHz-16QAM-20625-25RB#0



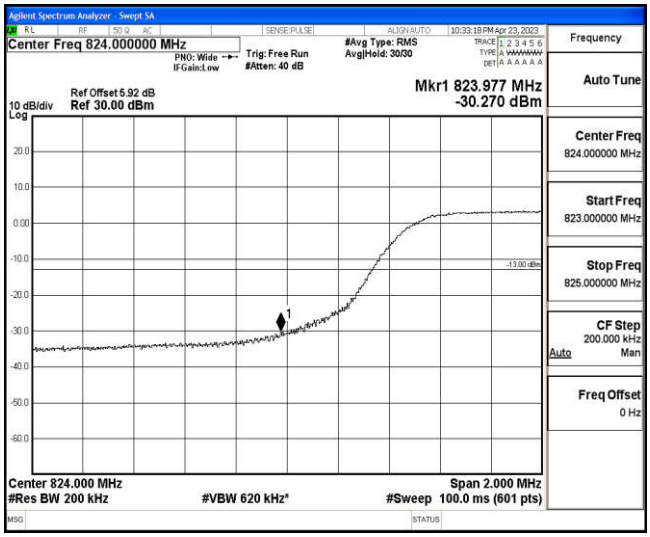
Band5-10MHz-QPSK-20450-50RB#0



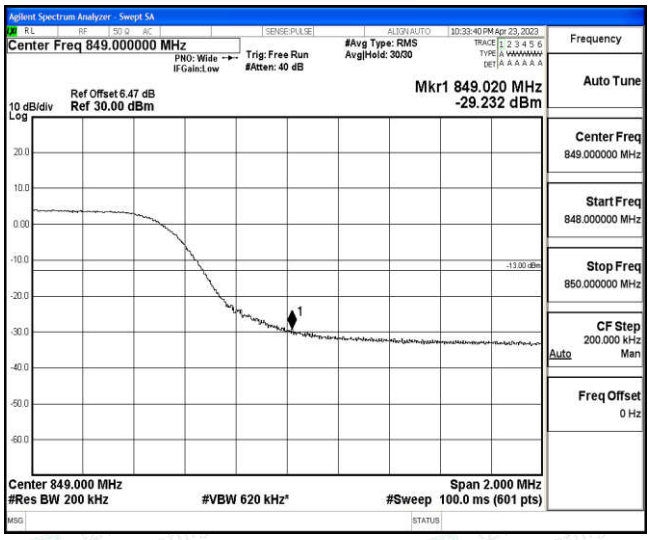
Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20600-50RB#0



E.5 Conducted Spurious Emission

Test Result

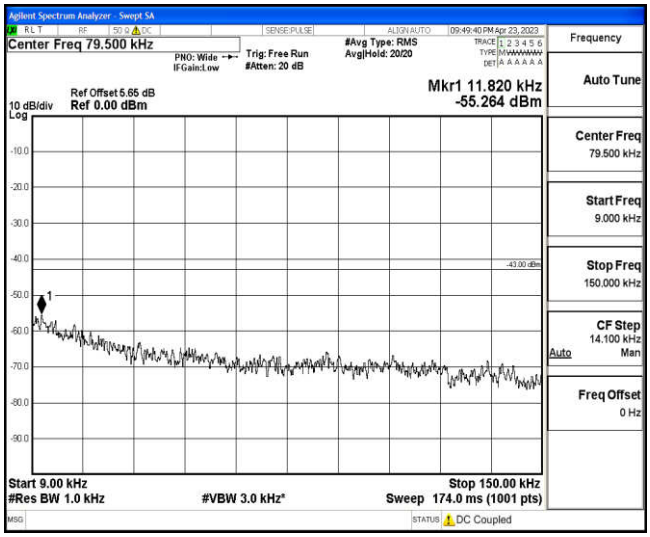
Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band5	1.4MHz	QPSK	20407	1RB#0	Range1:0.009~0.15MHz	-55.26	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range2:0.15~30MHz	-49.22	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range3:30~1000MHz	-40.19	PASS
Band5	1.4MHz	QPSK	20407	1RB#0	Range4:1000~10000MHz	-43.53	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-53.07	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-49.61	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.19	PASS
Band5	1.4MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-43.48	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range1:0.009~0.15MHz	-54.4	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range2:0.15~30MHz	-48.59	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range3:30~1000MHz	-40.18	PASS
Band5	1.4MHz	QPSK	20643	1RB#0	Range4:1000~10000MHz	-43.41	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range1:0.009~0.15MHz	-52.82	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range2:0.15~30MHz	-50.86	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range3:30~1000MHz	-40.21	PASS
Band5	1.4MHz	16QAM	20407	1RB#0	Range4:1000~10000MHz	-43.51	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-54.08	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-48.93	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-40.46	PASS
Band5	1.4MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-43.56	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range1:0.009~0.15MHz	-53.89	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range2:0.15~30MHz	-49.79	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range3:30~1000MHz	-39.67	PASS
Band5	1.4MHz	16QAM	20643	1RB#0	Range4:1000~10000MHz	-43.38	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range1:0.009~0.15MHz	-54.66	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range2:0.15~30MHz	-48.29	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range3:30~1000MHz	-39.74	PASS
Band5	3MHz	QPSK	20415	1RB#0	Range4:1000~10000MHz	-43.43	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-54.51	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-50.42	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.35	PASS
Band5	3MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-43.33	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range1:0.009~0.15MHz	-55.22	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range2:0.15~30MHz	-49.36	PASS
Band5	3MHz	QPSK	20635	1RB#0	Range3:30~1000MHz	-40.01	PASS

Band5	3MHz	QPSK	20635	1RB#0	Range4:1000~10000MHz	-43.45	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range1:0.009~0.15MHz	-55	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range2:0.15~30MHz	-50.4	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range3:30~1000MHz	-40.03	PASS
Band5	3MHz	16QAM	20415	1RB#0	Range4:1000~10000MHz	-43.36	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-54.5	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-49.44	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-38.85	PASS
Band5	3MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-43.42	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range1:0.009~0.15MHz	-52.06	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range2:0.15~30MHz	-49.55	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range3:30~1000MHz	-39.88	PASS
Band5	3MHz	16QAM	20635	1RB#0	Range4:1000~10000MHz	-43.39	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range1:0.009~0.15MHz	-54.11	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range2:0.15~30MHz	-49.6	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range3:30~1000MHz	-39.94	PASS
Band5	5MHz	QPSK	20425	1RB#0	Range4:1000~10000MHz	-43.31	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-53.39	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-49.16	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-40.1	PASS
Band5	5MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-43.45	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range1:0.009~0.15MHz	-54.02	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range2:0.15~30MHz	-48.3	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range3:30~1000MHz	-39.84	PASS
Band5	5MHz	QPSK	20625	1RB#0	Range4:1000~10000MHz	-43.41	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range1:0.009~0.15MHz	-54.57	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range2:0.15~30MHz	-50.04	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range3:30~1000MHz	-39.81	PASS
Band5	5MHz	16QAM	20425	1RB#0	Range4:1000~10000MHz	-43.54	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.38	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-48.07	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-39.81	PASS
Band5	5MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-43.37	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range1:0.009~0.15MHz	-54.16	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range2:0.15~30MHz	-47.61	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range3:30~1000MHz	-40.06	PASS
Band5	5MHz	16QAM	20625	1RB#0	Range4:1000~10000MHz	-43.41	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range1:0.009~0.15MHz	-55	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range2:0.15~30MHz	-51.79	PASS
Band5	10MHz	QPSK	20450	1RB#0	Range3:30~1000MHz	-41.37	PASS

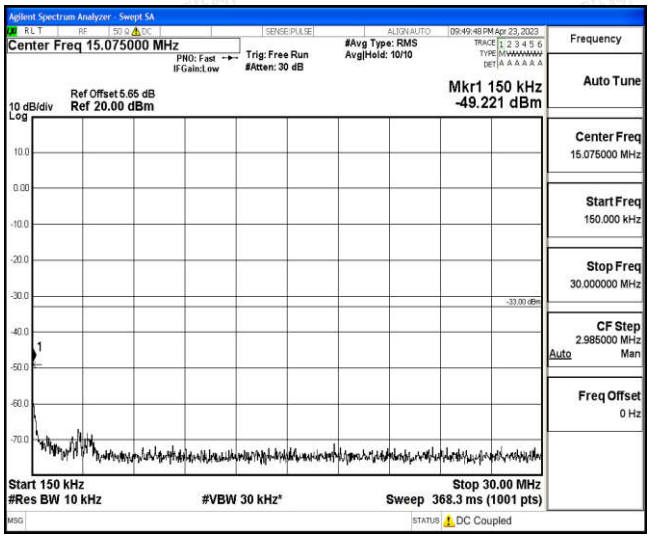
Band5	10MHz	QPSK	20450	1RB#0	Range4:1000~10000MHz	-44.91	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range1:0.009~0.15MHz	-55.07	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range2:0.15~30MHz	-51.71	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range3:30~1000MHz	-41.55	PASS
Band5	10MHz	QPSK	20525	1RB#0	Range4:1000~10000MHz	-45.02	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range1:0.009~0.15MHz	-55.13	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range2:0.15~30MHz	-50.9	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range3:30~1000MHz	-40.32	PASS
Band5	10MHz	QPSK	20600	1RB#0	Range4:1000~10000MHz	-44.88	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range1:0.009~0.15MHz	-54.47	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range2:0.15~30MHz	-51.7	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range3:30~1000MHz	-41.08	PASS
Band5	10MHz	16QAM	20450	1RB#0	Range4:1000~10000MHz	-44.93	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range1:0.009~0.15MHz	-55.42	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range2:0.15~30MHz	-51.57	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range3:30~1000MHz	-41.94	PASS
Band5	10MHz	16QAM	20525	1RB#0	Range4:1000~10000MHz	-44.82	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range1:0.009~0.15MHz	-56.41	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range2:0.15~30MHz	-50.99	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range3:30~1000MHz	-41.44	PASS
Band5	10MHz	16QAM	20600	1RB#0	Range4:1000~10000MHz	-44.82	PASS

Test Graphs

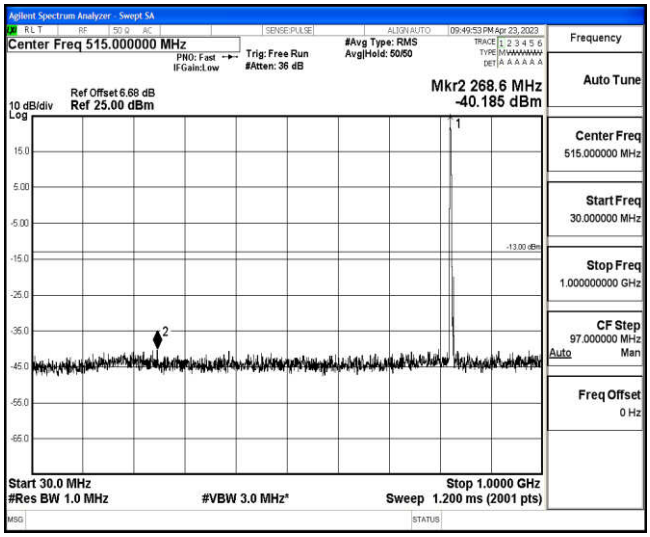
Band5-1.4MHz-QPSK-20407-1RB#0-Range1:0.009~0.15MHz



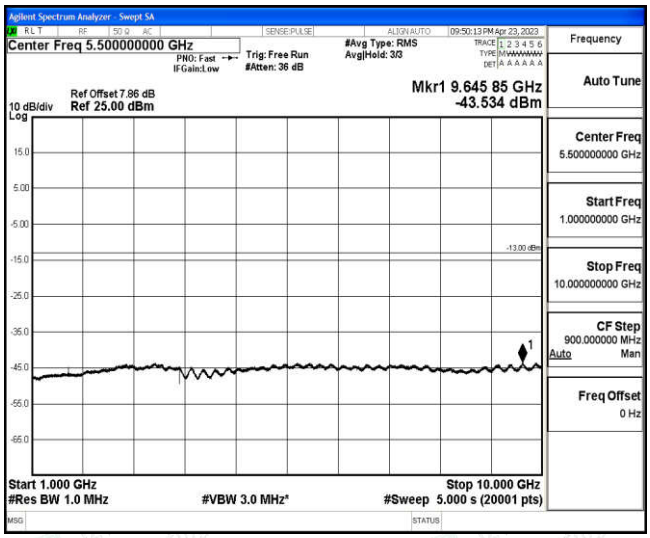
Band5-1.4MHz-QPSK-20407-1RB#0-Range2:0.15~30MHz



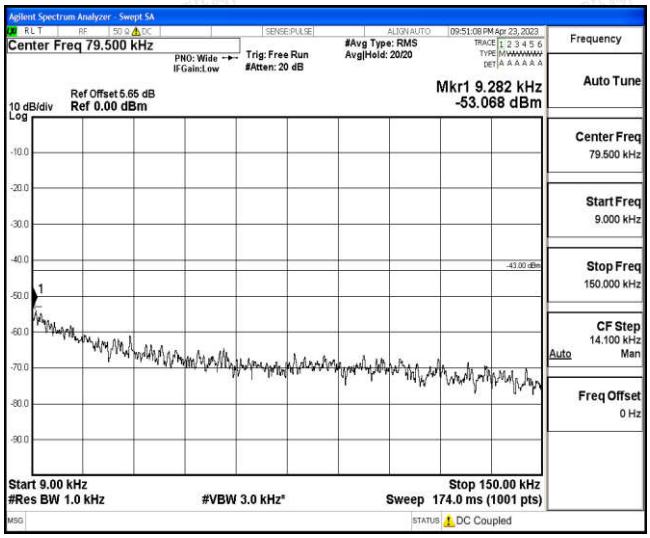
Band5-1.4MHz-QPSK-20407-1RB#0-Range3:30~1000MHz



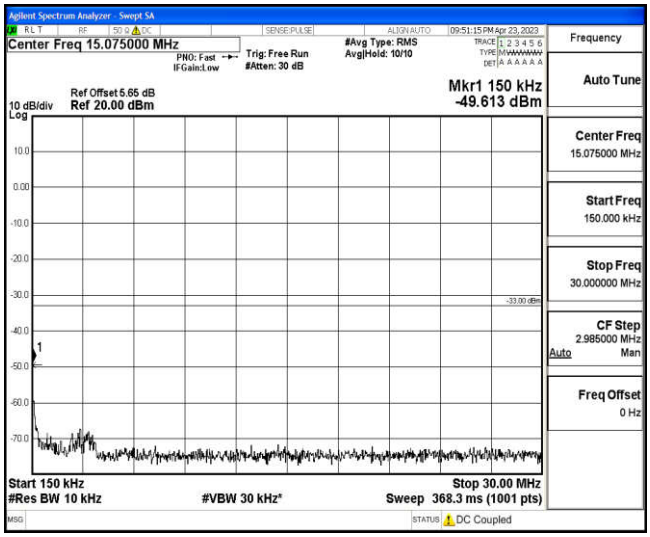
Band5-1.4MHz-QPSK-20407-1RB#0-Range4:1000~10000MHz



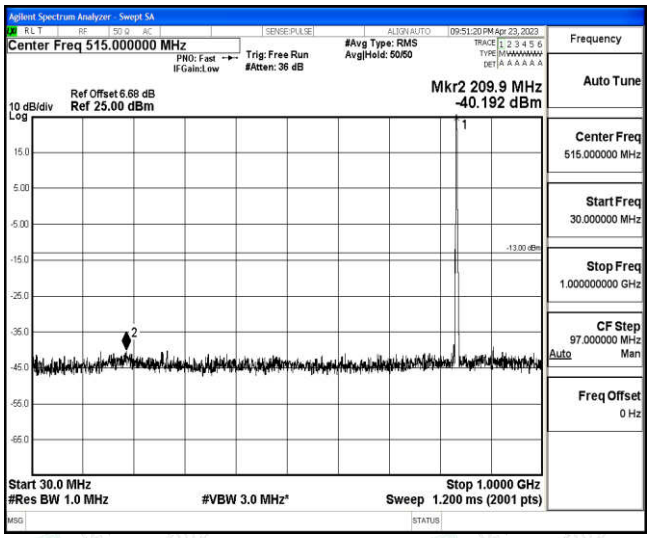
Band5-1.4MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz



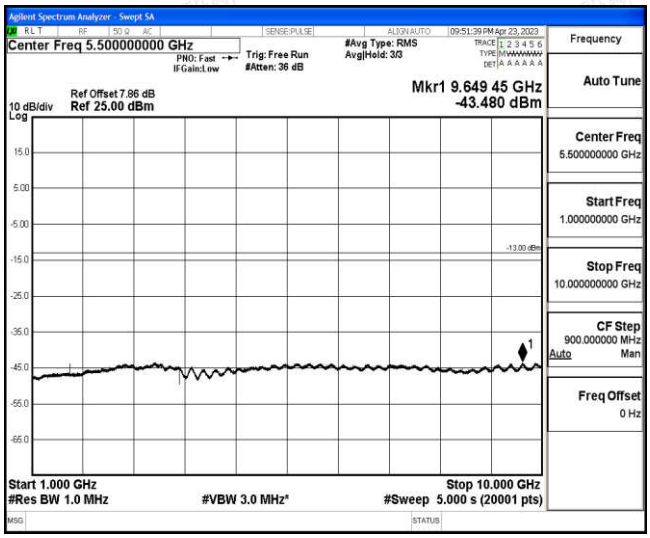
Band5-1.4MHz-QPSK-20525-1RB#0-Range2:0.15~30MHz



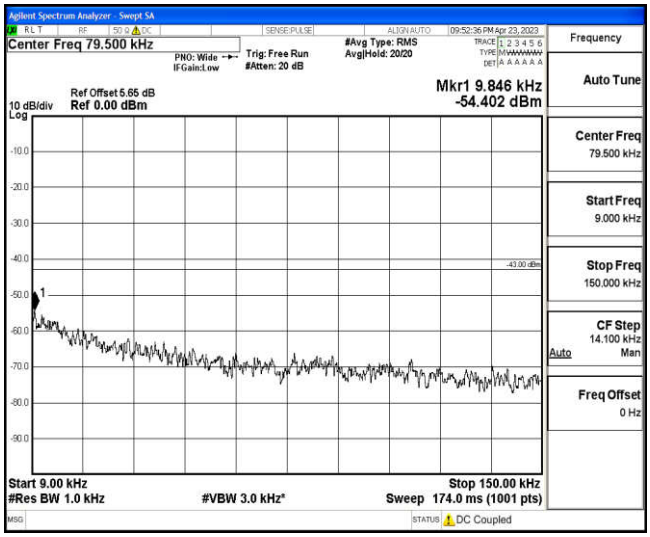
Band5-1.4MHz-QPSK-20525-1RB#0-Range3:30~1000MHz



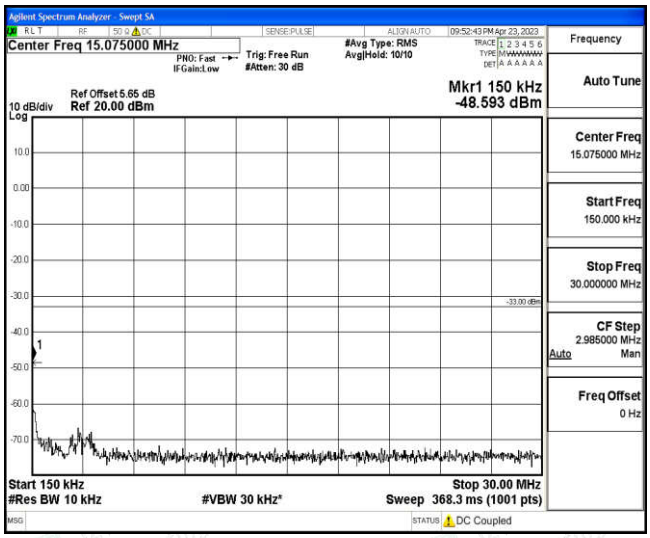
Band5-1.4MHz-QPSK-20525-1RB#0-Range4:1000~10000MHz



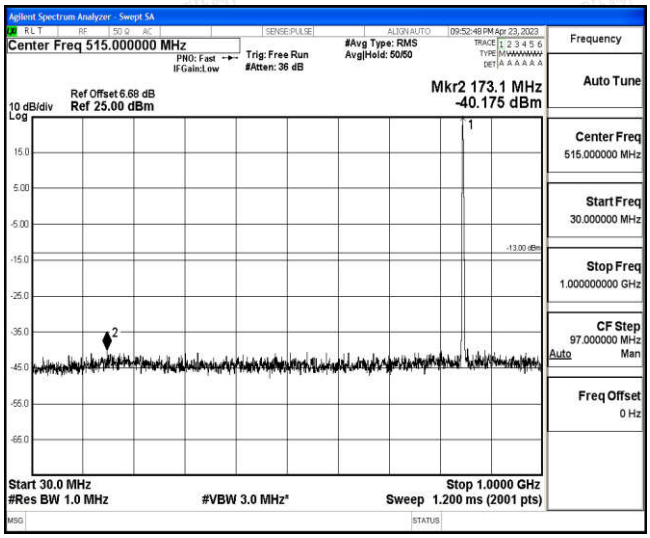
Band5-1.4MHz-QPSK-20643-1RB#0-Range1:0.009~0.15MHz



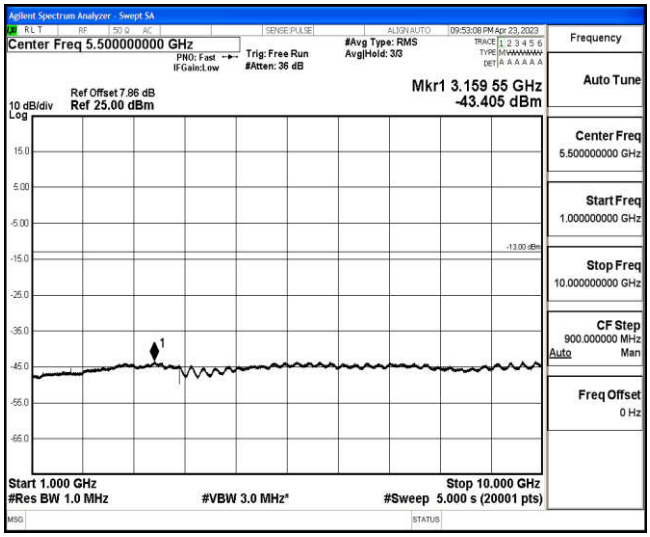
Band5-1.4MHz-QPSK-20643-1RB#0-Range2:0.15~30MHz



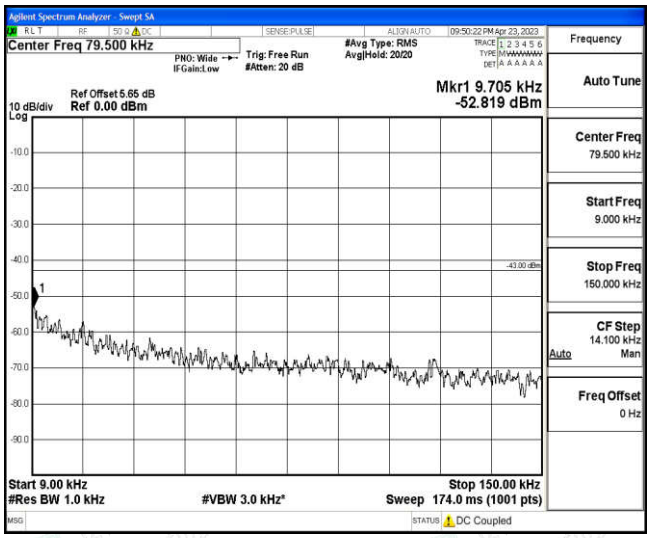
Band5-1.4MHz-QPSK-20643-1RB#0-Range3:30~1000MHz



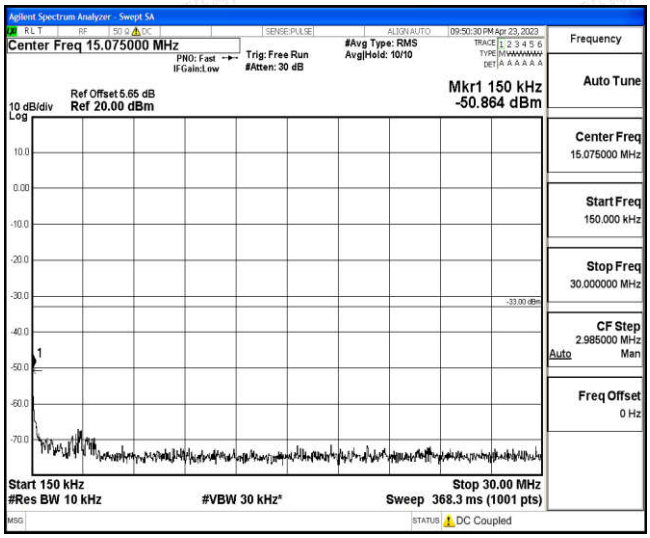
Band5-1.4MHz-QPSK-20643-1RB#0-Range4:1000~10000MHz



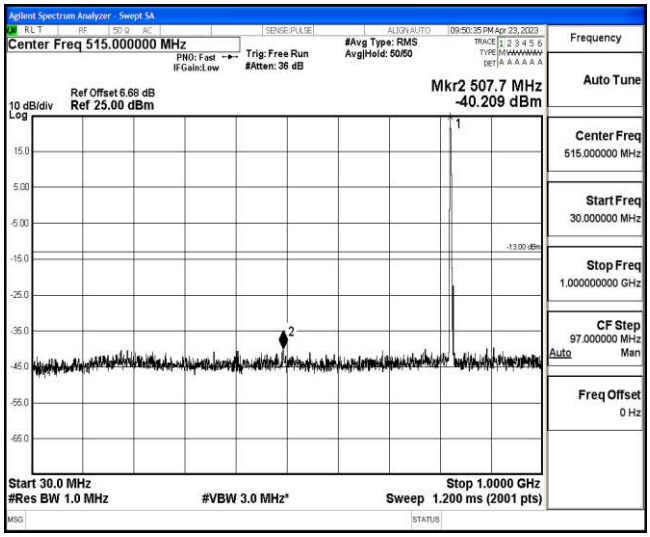
Band5-1.4MHz-16QAM-20407-1RB#0-Range1:0.009~0.15MHz



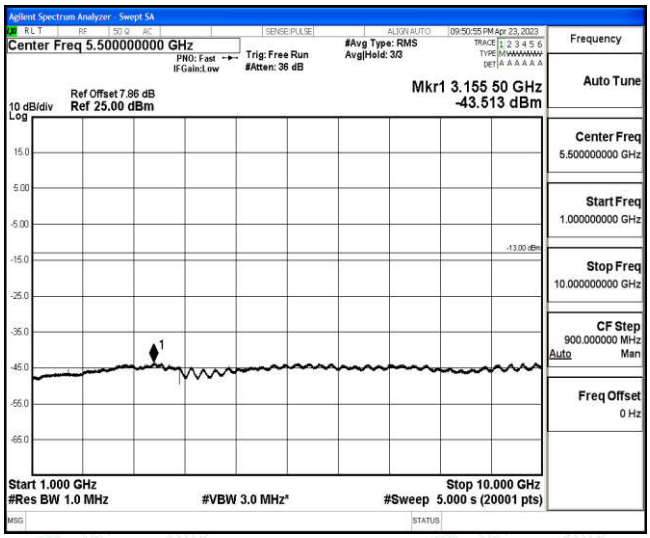
Band5-1.4MHz-16QAM-20407-1RB#0-Range2:0.15~30MHz



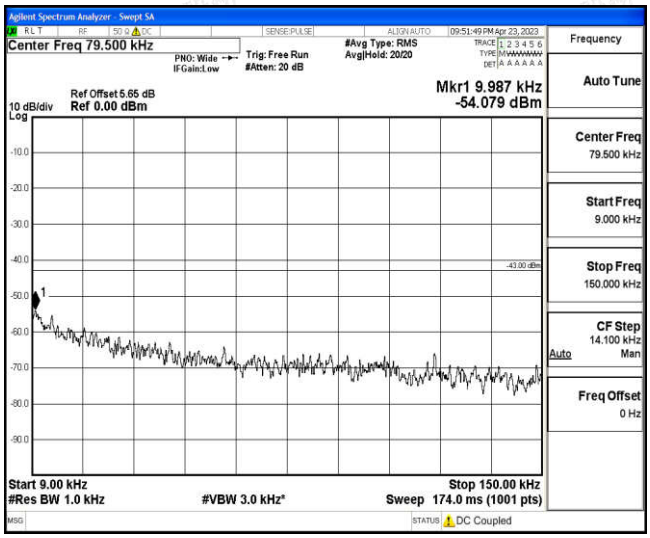
Band5-1.4MHz-16QAM-20407-1RB#0-Range3:30~1000MHz



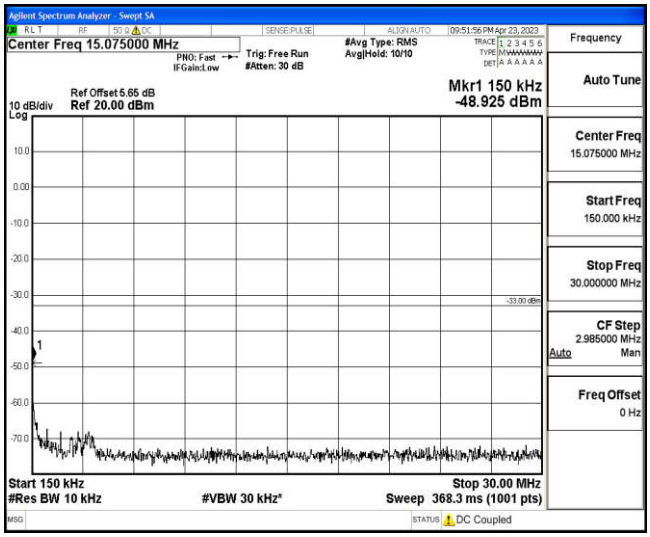
Band5-1.4MHz-16QAM-20407-1RB#0-Range4:1000~10000MHz



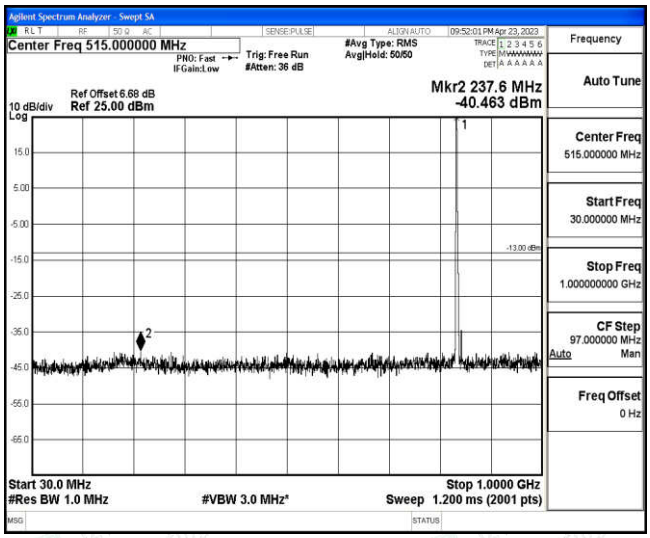
Band5-1.4MHz-16QAM-20525-1RB#0-Range1:0.009~0.15MHz



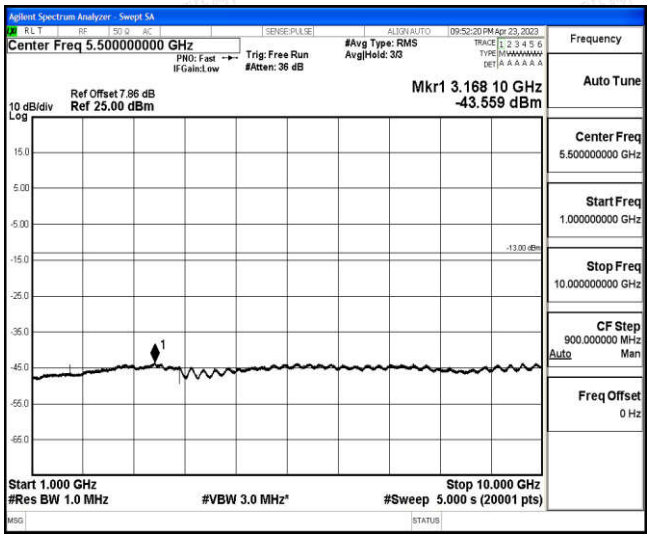
Band5-1.4MHz-16QAM-20525-1RB#0-Range2:0.15~30MHz



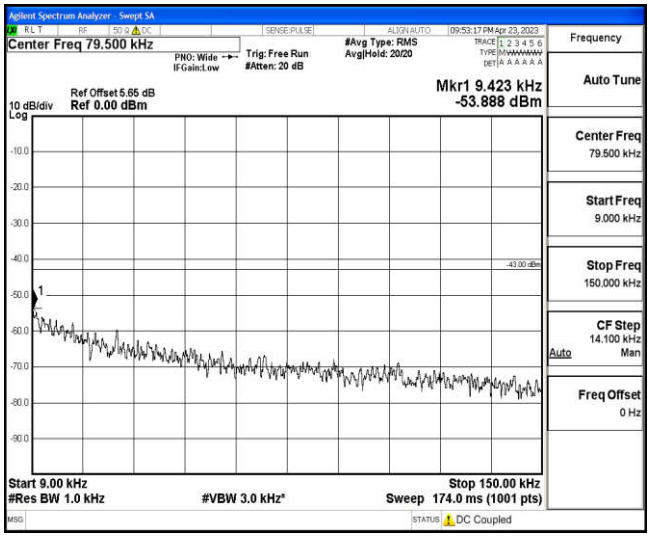
Band5-1.4MHz-16QAM-20525-1RB#0-Range3:30~1000MHz



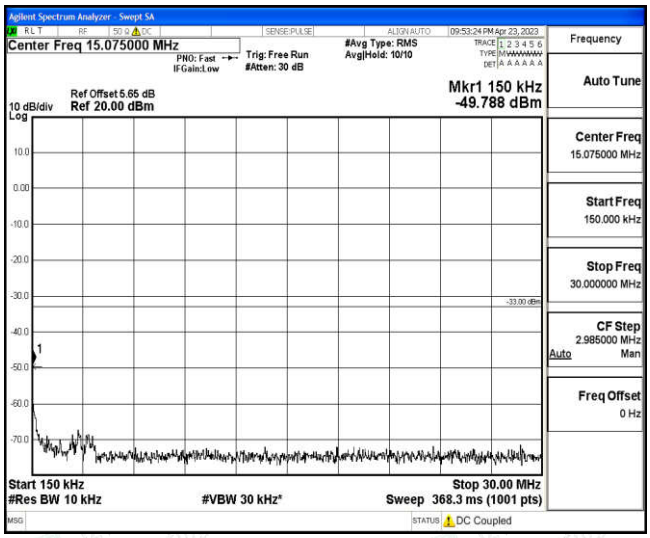
Band5-1.4MHz-16QAM-20525-1RB#0-Range4:1000~10000MHz



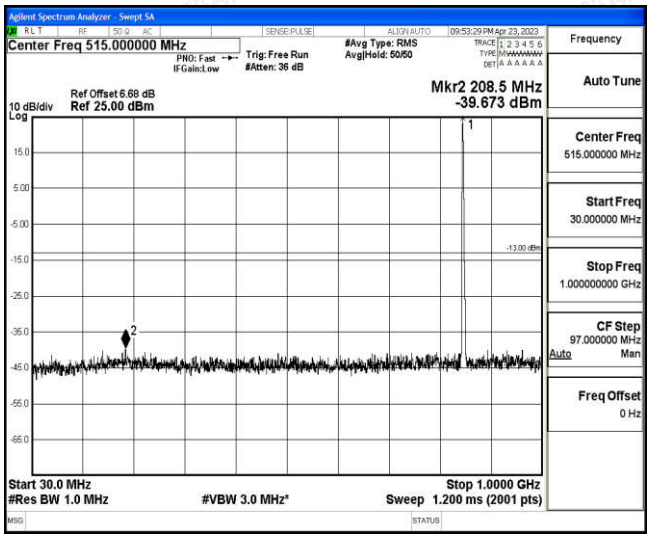
Band5-1.4MHz-16QAM-20643-1RB#0-Range1:0.009~0.15MHz



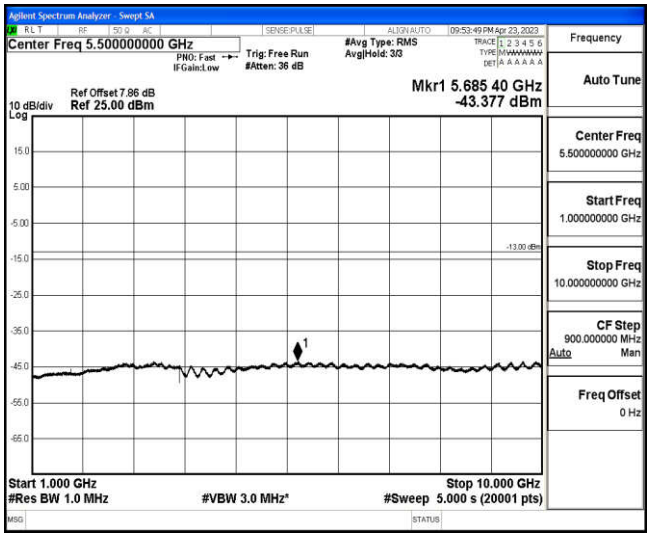
Band5-1.4MHz-16QAM-20643-1RB#0-Range2:0.15~30MHz



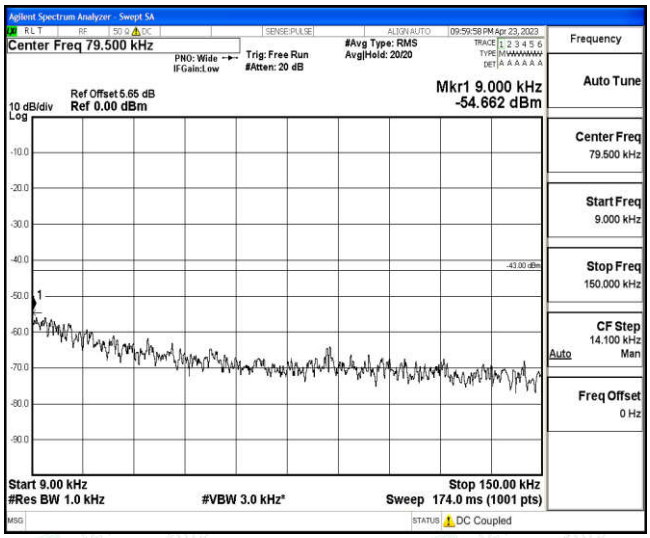
Band5-1.4MHz-16QAM-20643-1RB#0-Range3:30~1000MHz



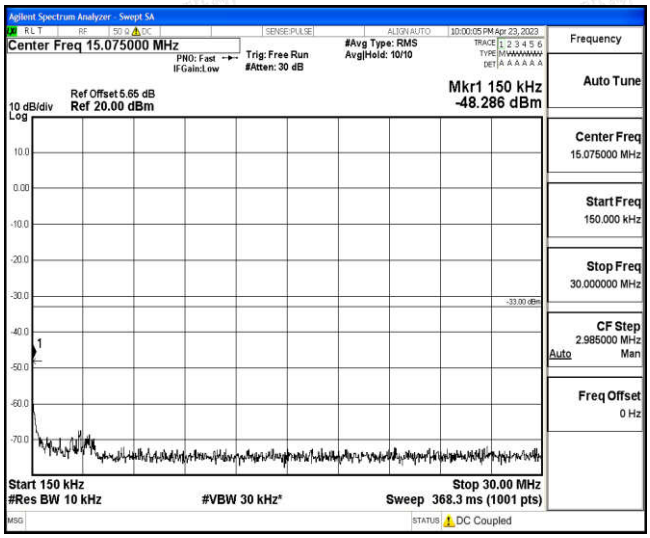
Band5-1.4MHz-16QAM-20643-1RB#0-Range4:1000~10000MHz



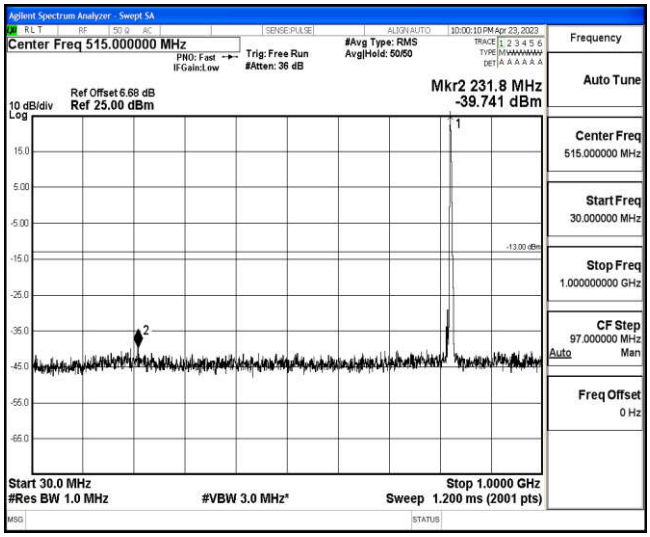
Band5-3MHz-QPSK-20415-1RB#0-Range1:0.009~0.15MHz



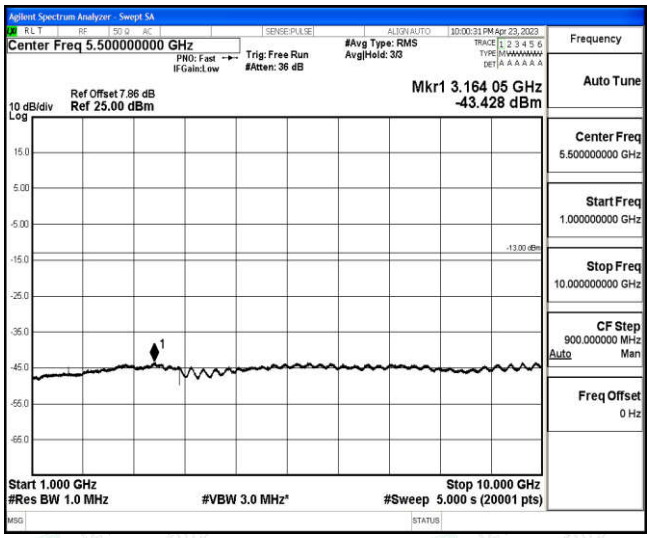
Band5-3MHz-QPSK-20415-1RB#0-Range2:0.15~30MHz



Band5-3MHz-QPSK-20415-1RB#0-Range3:30~1000MHz



Band5-3MHz-QPSK-20415-1RB#0-Range4:1000~10000MHz



Band5-3MHz-QPSK-20525-1RB#0-Range1:0.009~0.15MHz