Appendix F: Test Data for E-UTRA Band 7

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

F.1 Conducted Output Power Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	21.81	PASS
Band7	5MHz	QPSK	20775	1RB#12	21.85	PASS
Band7	5MHz	QPSK	20775	1RB#24	21.78	PASS
Band7	5MHz	QPSK	20775	12RB#0	20.90	PASS
Band7	5MHz	QPSK	20775	12RB#6	20.91	PASS
Band7	5MHz	QPSK	20775	12RB#13	20.84	PASS
Band7	5MHz	QPSK	20775	25RB#0	20.73	PASS
Band7	5MHz	QPSK	21100	1RB#0	21.71	PASS
Band7	5MHz	QPSK	21100	1RB#12	21.76	PASS
Band7	5MHz	QPSK	21100	1RB#24	21.82	PASS
Band7	5MHz	QPSK	21100	12RB#0	20.77	PASS
Band7	5MHz	QPSK	21100	12RB#6	20.75	PASS
Band7	5MHz	QPSK	21100	12RB#13	20.84	PASS
Band7	5MHz	QPSK	21100	25RB#0	20.74	PASS
Band7	5MHz	QPSK	21425	1RB#0	21.57	PASS
Band7	5MHz	QPSK	21425	1RB#12	21.58	PASS
Band7	5MHz	QPSK	21425	1RB#24	21.65	PASS
Band7	5MHz	QPSK	21425	12RB#0	20.78	PASS
Band7	5MHz	QPSK	21425	12RB#6	20.90	PASS
Band7	5MHz	QPSK	21425	12RB#13	20.90	PASS
Band7	5MHz	QPSK	21425	25RB#0	20.78	PASS
Band7	5MHz	16QAM	20775	1RB#0	20.34	PASS
Band7	5MHz	16QAM	20775	1RB#12	20.28	PASS
Band7	5MHz	16QAM	20775	1RB#24	20.25	PASS
Band7	5MHz	16QAM	20775	12RB#0	19.93	PASS
Band7	5MHz	16QAM	20775	12RB#6	19.93	PASS
Band7	5MHz	16QAM	20775	12RB#13	19.90	PASS
Band7	5MHz	16QAM	20775	25RB#0	19.97	PASS
Band7	5MHz	16QAM	21100	1RB#0	20.17	PASS
Band7	5MHz	16QAM	21100	1RB#12	20.29	PASS
Band7	5MHz	16QAM	21100	1RB#24	20.32	PASS

Band7	5MHz	16QAM	21100	12RB#0	19.78	PASS
Band7	5MHz	16QAM	21100	12RB#6	19.79	PASS
Band7	5MHz	16QAM	21100	12RB#13	19.97	PASS
Band7	5MHz	16QAM	21100	25RB#0	19.95	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.04	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.02	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.13	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.06	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.03	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.02	PASS
Band7	5MHz	16QAM	21425	25RB#0	19.99	PASS
Band7	10MHz	QPSK	20800	1RB#0	21.71	PASS
Band7	10MHz	QPSK	20800	1RB#24	21.66	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.65	PASS
Band7	10MHz	QPSK	20800	25RB#0	20.88	PASS
Band7	10MHz	QPSK	20800	25RB#12	20.86	PASS
Band7	10MHz	QPSK	20800	25RB#25	20.82	PASS
Band7	10MHz	QPSK	20800	50RB#0	20.66	PASS
Band7	10MHz	QPSK	21100	1RB#0	21.54	PASS
Band7	10MHz	QPSK	21100	1RB#24	21.60	PASS
Band7	10MHz	QPSK	21100	1RB#49	21.89	PASS
Band7	10MHz	QPSK	21100	25RB#0	20.69	PASS
Band7	10MHz	QPSK	21100	25RB#12	20.79	PASS
Band7	10MHz	QPSK	21100	25RB#25	20.84	PASS
Band7	10MHz	QPSK	21100	50RB#0	20.72	PASS
Band7	10MHz	QPSK	21400	1RB#0	21.84	PASS
Band7	10MHz	QPSK	21400	1RB#24	21.75	PASS
Band7	10MHz	QPSK	21400	1RB#49	21.82	PASS
Band7	10MHz	QPSK	21400	25RB#0	20.86	PASS
Band7	10MHz	QPSK	21400	25RB#12	20.88	PASS
Band7	10MHz	QPSK	21400	25RB#25	20.87	PASS
Band7	10MHz	QPSK	21400	50RB#0	20.86	PASS
Band7	10MHz	16QAM	20800	1RB#0	20.63	PASS
Band7	10MHz	16QAM	20800	1RB#24	20.53	PASS
Band7	10MHz	16QAM	20800	1RB#49	20.49	PASS

Band7	10MHz	16QAM	20800	25RB#0	19.79	PASS
Band7	10MHz	16QAM	20800	25RB#12	19.79	PASS
Band7	10MHz	16QAM	20800	25RB#25	19.82	PASS
Band7	10MHz	16QAM	20800	50RB#0	19.74	PASS
Band7	10MHz	16QAM	21100	1RB#0	20.74	PASS
Band7	10MHz	16QAM	21100	1RB#24	20.73	PASS
Band7	10MHz	16QAM	21100	1RB#49	20.96	PASS
Band7	10MHz	16QAM	21100	25RB#0	19.80	PASS
Band7	10MHz	16QAM	21100	25RB#12	19.79	PASS
Band7	10MHz	16QAM	21100	25RB#25	19.95	PASS
Band7	10MHz	16QAM	21100	50RB#0	19.85	PASS
Band7	10MHz	16QAM	21400	1RB#0	20.71	PASS
Band7	10MHz	16QAM	21400	1RB#24	20.91	PASS
Band7	10MHz	16QAM	21400	1RB#49	20.84	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.09	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.07	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.12	PASS
Band7	10MHz	16QAM	21400	50RB#0	19.91	PASS
Band7	15MHz	QPSK	20825	1RB#0	20.20	PASS
Band7	15MHz	QPSK	20825	1RB#38	20.22	PASS
Band7	15MHz	QPSK	20825	1RB#74	20.00	PASS
Band7	15MHz	QPSK	20825	38RB#0	19.28	PASS
Band7	15MHz	QPSK	20825	38RB#18	19.29	PASS
Band7	15MHz	QPSK	20825	38RB#37	19.30	PASS
Band7	15MHz	QPSK	20825	75RB#0	19.29	PASS
Band7	15MHz	QPSK	21100	1RB#0	19.96	PASS
Band7	15MHz	QPSK	21100	1RB#38	20.10	PASS
Band7	15MHz	QPSK	21100	1RB#74	20.47	PASS
Band7	15MHz	QPSK	21100	38RB#0	19.23	PASS
Band7	15MHz	QPSK	21100	38RB#18	19.34	PASS
Band7	15MHz	QPSK	21100	38RB#37	19.34	PASS
Band7	15MHz	QPSK	21100	75RB#0	19.33	PASS
Band7	15MHz	QPSK	21375	1RB#0	20.52	PASS
Band7	15MHz	QPSK	21375	1RB#38	20.40	PASS
Band7	15MHz	QPSK	21375	1RB#74	20.34	PASS

Band7	15MHz	QPSK	21375	38RB#0	19.31	PASS
Band7	15MHz	QPSK	21375	38RB#18	19.27	PASS
Band7	15MHz	QPSK	21375	38RB#37	19.26	PASS
Band7	15MHz	QPSK	21375	75RB#0	19.26	PASS
Band7	15MHz	16QAM	20825	1RB#0	19.25	PASS
Band7	15MHz	16QAM	20825	1RB#38	19.16	PASS
Band7	15MHz	16QAM	20825	1RB#74	18.82	PASS
Band7	15MHz	16QAM	20825	38RB#0	19.29	PASS
Band7	15MHz	16QAM	20825	38RB#18	19.29	PASS
Band7	15MHz	16QAM	20825	38RB#37	19.29	PASS
Band7	15MHz	16QAM	20825	75RB#0	18.36	PASS
Band7	15MHz	16QAM	21100	1RB#0	19.24	PASS
Band7	15MHz	16QAM	21100	1RB#38	19.28	PASS
Band7	15MHz	16QAM	21100	1RB#74	19.62	PASS
Band7	15MHz	16QAM	21100	38RB#0	19.35	PASS
Band7	15MHz	16QAM	21100	38RB#18	19.34	PASS
Band7	15MHz	16QAM	21100	38RB#37	19.34	PASS
Band7	15MHz	16QAM	21100	75RB#0	18.32	PASS
Band7	15MHz	16QAM	21375	1RB#0	19.65	PASS
Band7	15MHz	16QAM	21375	1RB#38	19.61	PASS
Band7	15MHz	16QAM	21375	1RB#74	19.73	PASS
Band7	15MHz	16QAM	21375	38RB#0	19.27	PASS
Band7	15MHz	16QAM	21375	38RB#18	19.26	PASS
Band7	15MHz	16QAM	21375	38RB#37	19.26	PASS
Band7	15MHz	16QAM	21375	75RB#0	18.55	PASS
Band7	20MHz	QPSK	20850	1RB#0	20.42	PASS
Band7	20MHz	QPSK	20850	1RB#49	20.26	PASS
Band7	20MHz	QPSK	20850	1RB#99	19.94	PASS
Band7	20MHz	QPSK	20850	50RB#0	19.21	PASS
Band7	20MHz	QPSK	20850	50RB#25	19.26	PASS
Band7	20MHz	QPSK	20850	50RB#50	18.96	PASS
Band7	20MHz	QPSK	20850	100RB#0	19.20	PASS
Band7	20MHz	QPSK	21100	1RB#0	20.21	PASS
Band7	20MHz	QPSK	21100	1RB#49	20.48	PASS
Band7	20MHz	QPSK	21100	1RB#99	20.87	PASS

Band7	20MHz	QPSK	21100	50RB#0	19.24	PASS
Band7	20MHz	QPSK	21100	50RB#25	19.21	PASS
Band7	20MHz	QPSK	21100	50RB#50	19.44	PASS
Band7	20MHz	QPSK	21100	100RB#0	19.43	PASS
Band7	20MHz	QPSK	21350	1RB#0	20.78	PASS
Band7	20MHz	QPSK	21350	1RB#49	20.49	PASS
Band7	20MHz	QPSK	21350	1RB#99	20.53	PASS
Band7	20MHz	QPSK	21350	50RB#0	19.58	PASS
Band7	20MHz	QPSK	21350	50RB#25	19.35	PASS
Band7	20MHz	QPSK	21350	50RB#50	19.51	PASS
Band7	20MHz	QPSK	21350	100RB#0	19.47	PASS
Band7	20MHz	16QAM	20850	1RB#0	19.00	PASS
Band7	20MHz	16QAM	20850	1RB#49	18.75	PASS
Band7	20MHz	16QAM	20850	1RB#99	18.26	PASS
Band7	20MHz	16QAM	20850	50RB#0	18.31	PASS
Band7	20MHz	16QAM	20850	50RB#25	18.33	PASS
Band7	20MHz	16QAM	20850	50RB#50	18.30	PASS
Band7	20MHz	16QAM	20850	100RB#0	18.24	PASS
Band7	20MHz	16QAM	21100	1RB#0	18.97	PASS
Band7	20MHz	16QAM	21100	1RB#49	19.19	PASS
Band7	20MHz	16QAM	21100	1RB#99	19.53	PASS
Band7	20MHz	16QAM	21100	50RB#0	18.38	PASS
Band7	20MHz	16QAM	21100	50RB#25	18.38	PASS
Band7	20MHz	16QAM	21100	50RB#50	18.65	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.47	PASS
Band7	20MHz	16QAM	21350	1RB#0	20.24	PASS
Band7	20MHz	16QAM	21350	1RB#49	19.80	PASS
Band7	20MHz	16QAM	21350	1RB#99	19.76	PASS
Band7	20MHz	16QAM	21350	50RB#0	18.63	PASS
Band7	20MHz	16QAM	21350	50RB#25	18.63	PASS
Band7	20MHz	16QAM	21350	50RB#50	18.52	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.63	PASS

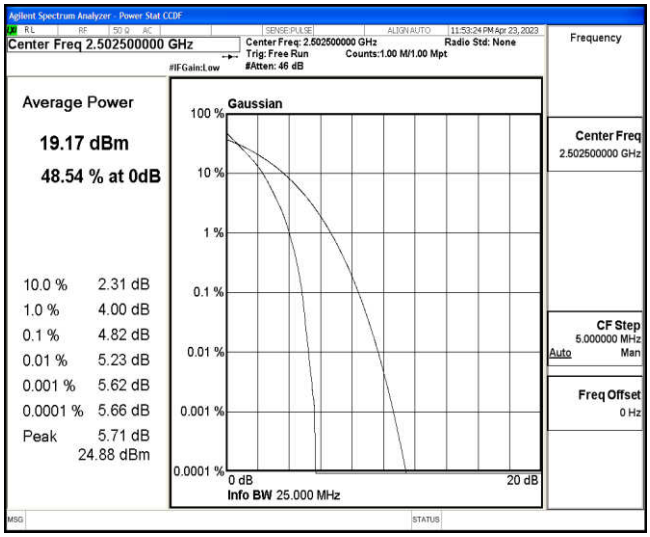
F.2 Peak-to-Average Ratio(CCDF)

Test Result

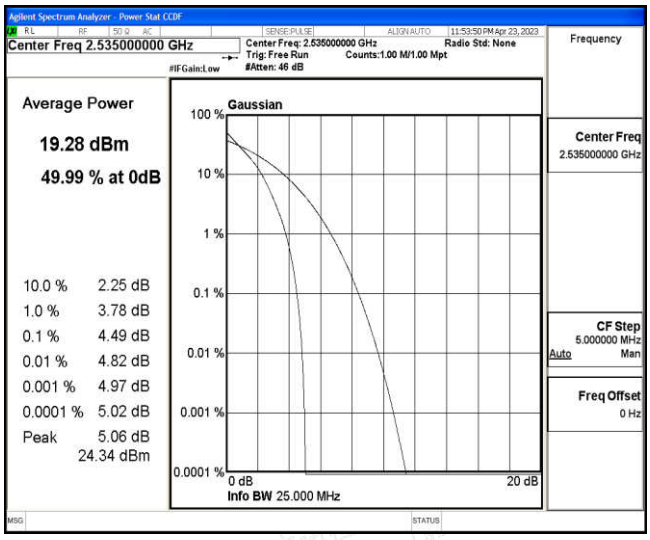
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.82	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.49	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.33	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.59	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.27	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.15	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	5.08	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	4.55	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.66	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.86	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.32	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.47	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.50	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.01	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.22	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	6.05	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	5.55	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.82	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.44	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.06	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.35	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	6.20	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	5.81	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	6.01	13	PASS

Test Graphs

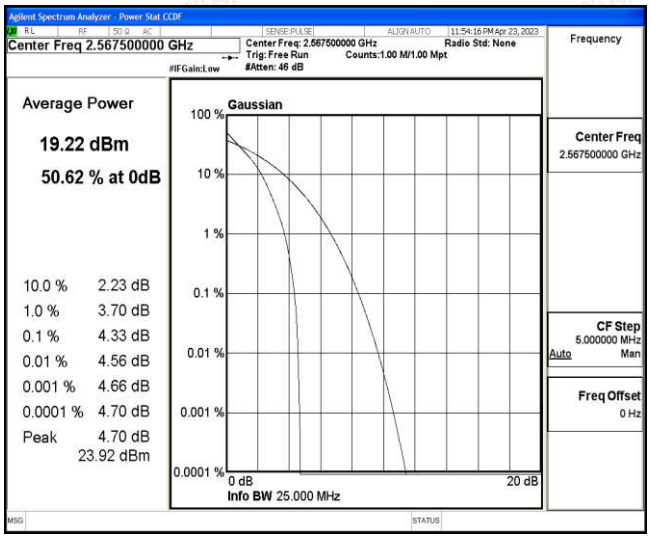
Band7-5MHz-QPSK-20775-25RB#0



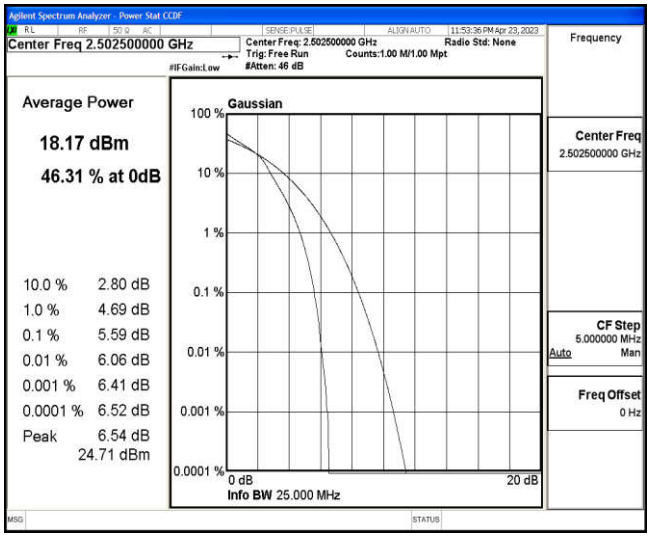
Band7-5MHz-QPSK-21100-25RB#0



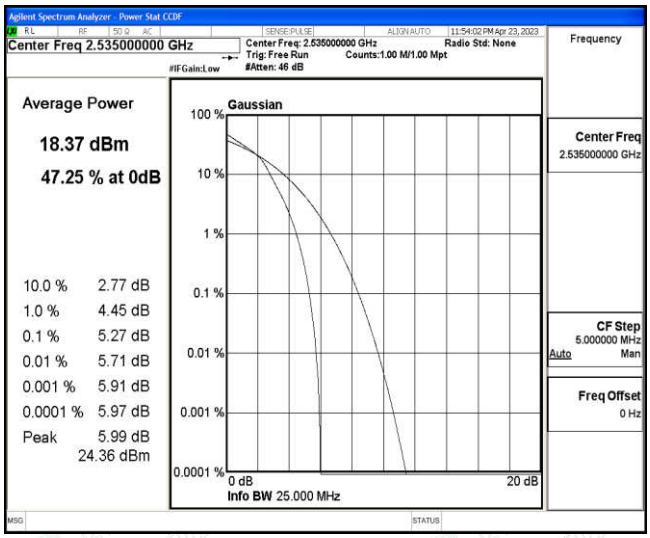
Band7-5MHz-QPSK-21425-25RB#0



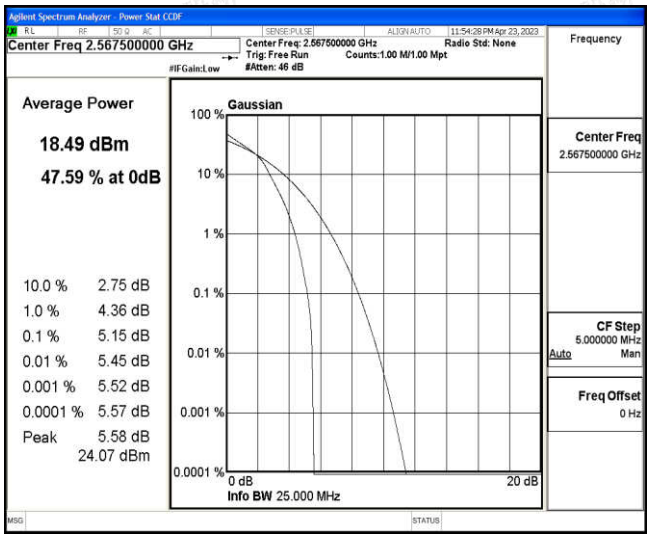
Band7-5MHz-16QAM-20775-25RB#0



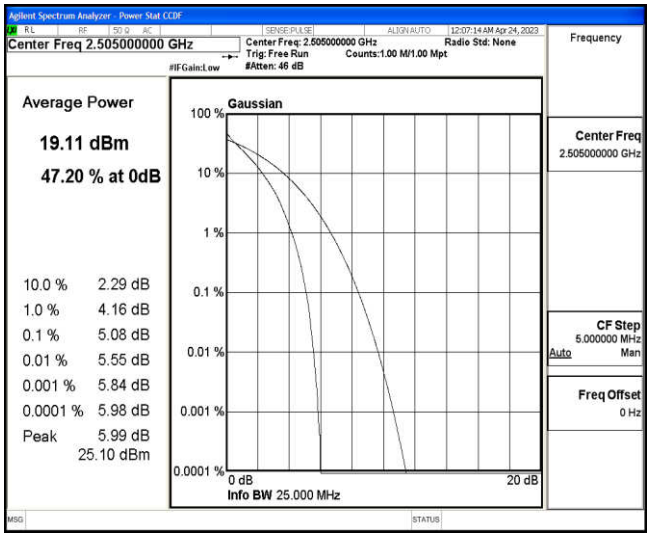
Band7-5MHz-16QAM-21100-25RB#0



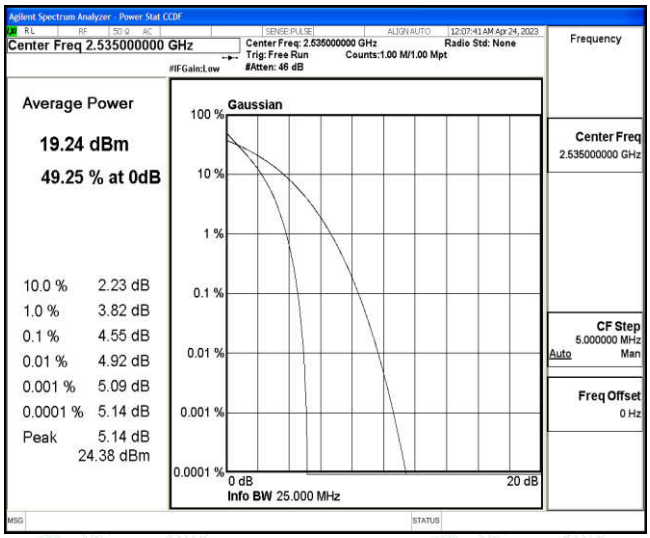
Band7-5MHz-16QAM-21425-25RB#0



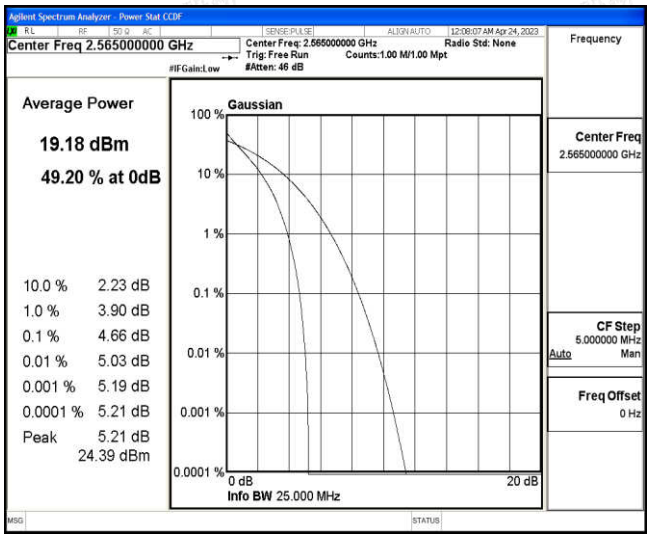
Band7-10MHz-QPSK-20800-50RB#0



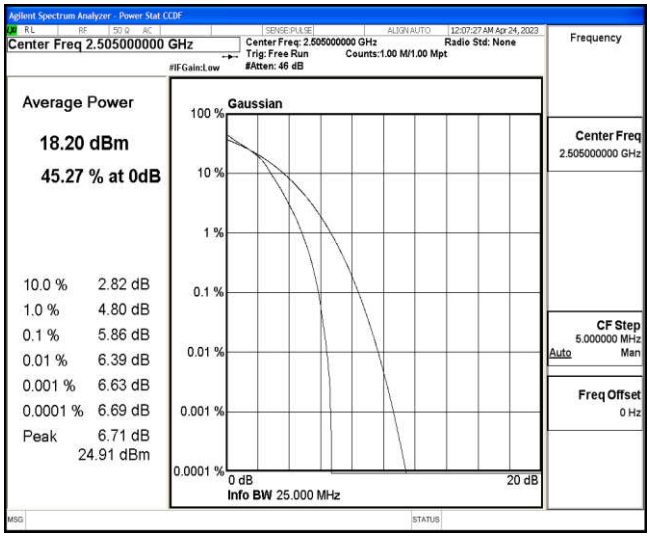
Band7-10MHz-QPSK-21100-50RB#0



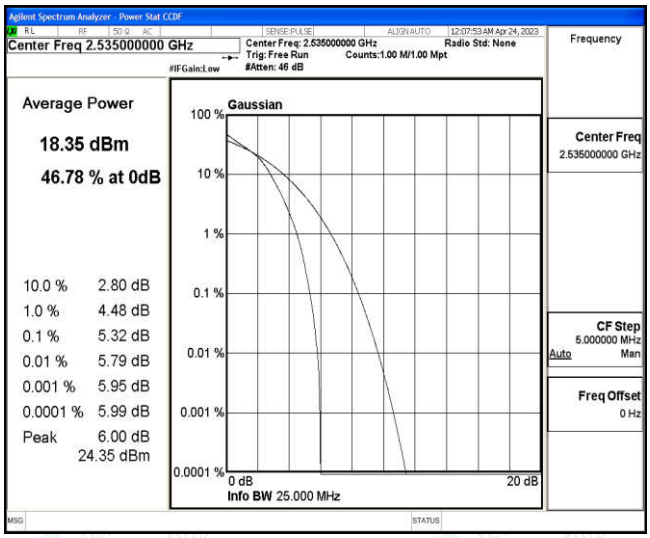
Band7-10MHz-QPSK-21400-50RB#0



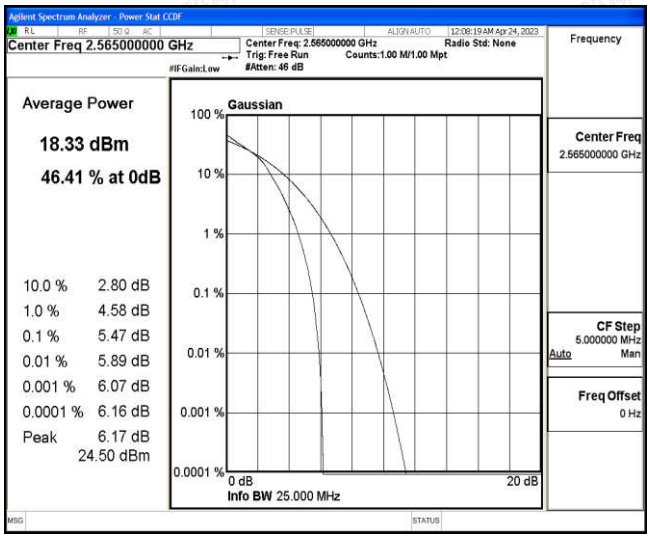
Band7-10MHz-16QAM-20800-50RB#0



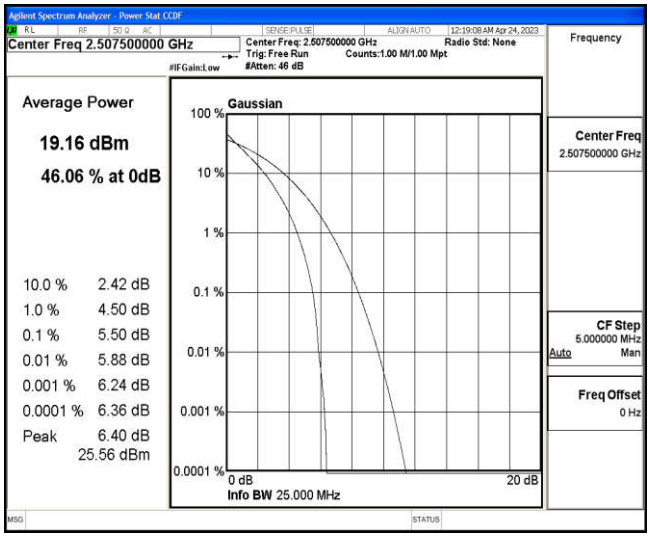
Band7-10MHz-16QAM-21100-50RB#0



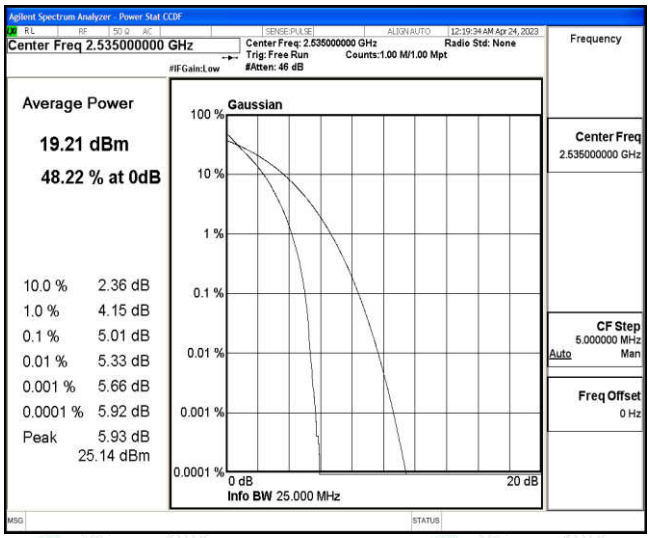
Band7-10MHz-16QAM-21400-50RB#0



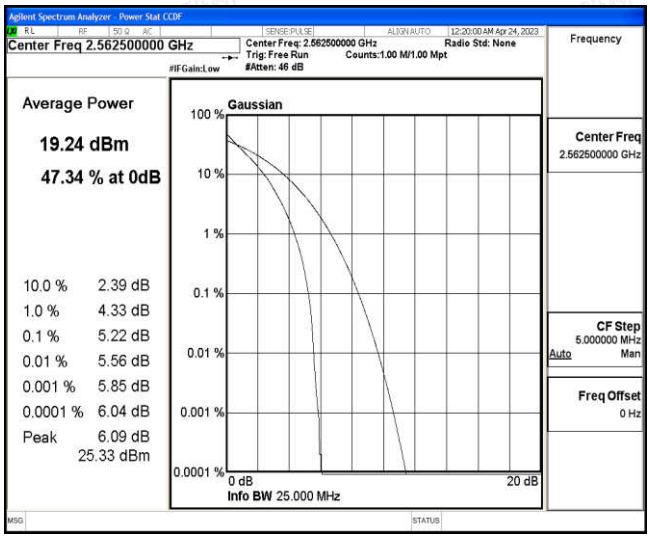
Band7-15MHz-QPSK-20825-75RB#0



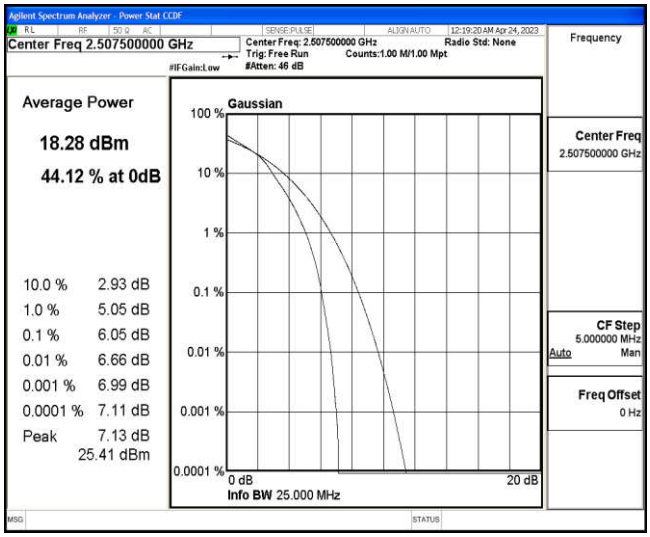
Band7-15MHz-QPSK-21100-75RB#0



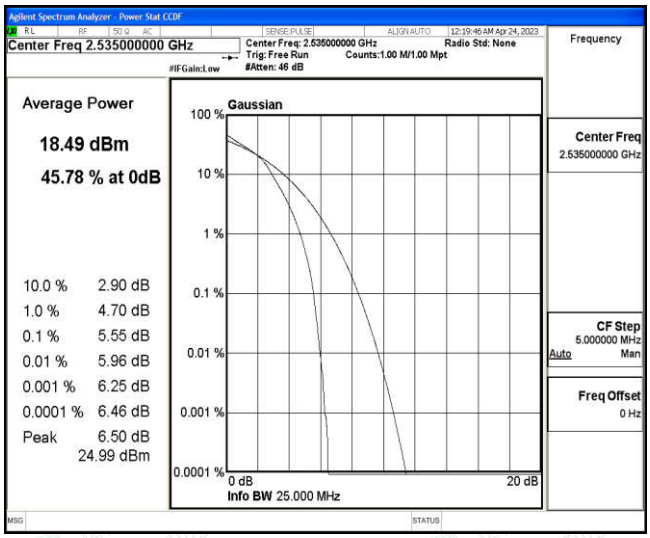
Band7-15MHz-QPSK-21375-75RB#0



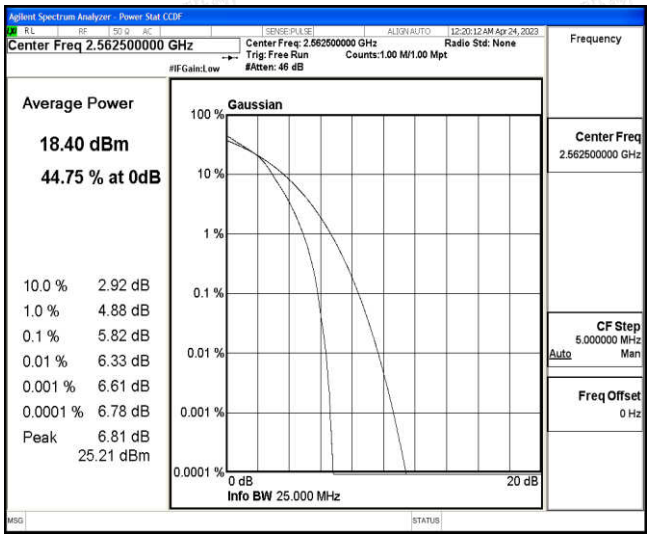
Band7-15MHz-16QAM-20825-75RB#0



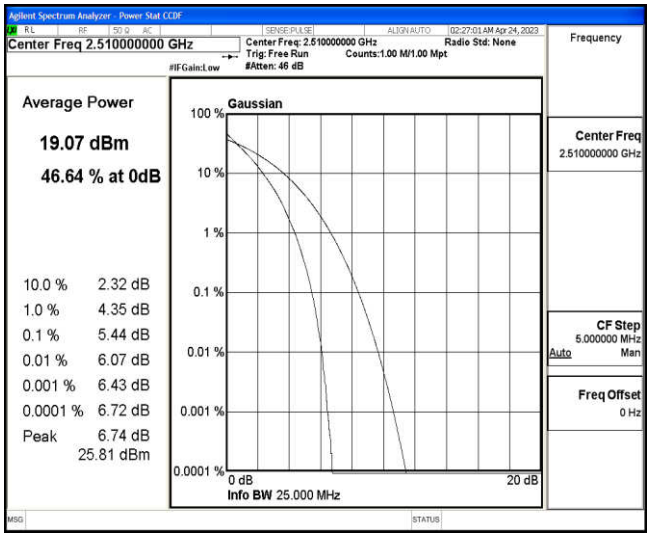
Band7-15MHz-16QAM-21100-75RB#0



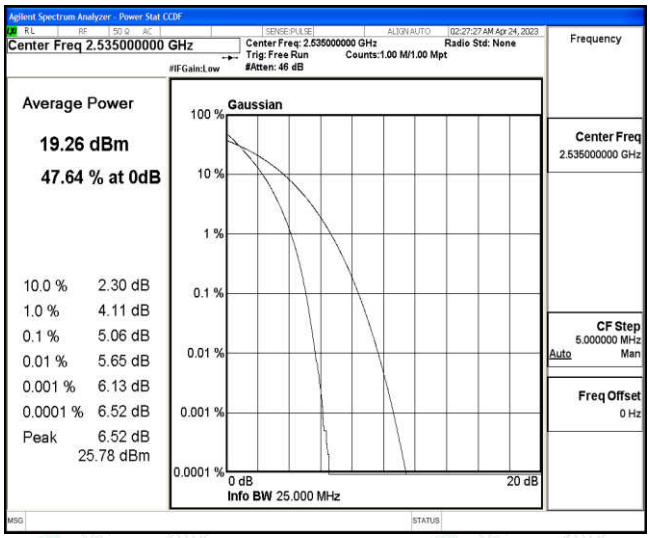
Band7-15MHz-16QAM-21375-75RB#0



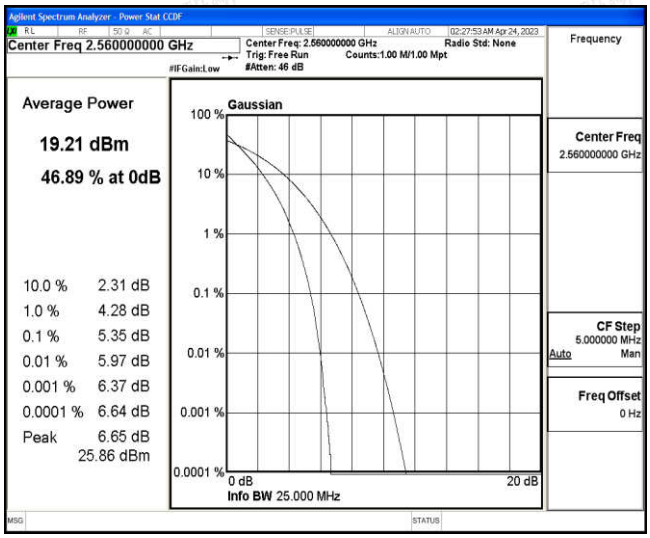
Band7-20MHz-QPSK-20850-100RB#0



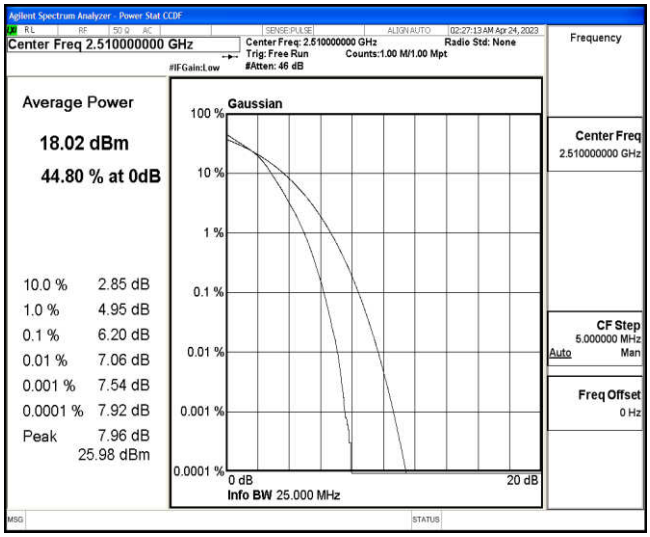
Band7-20MHz-QPSK-21100-100RB#0



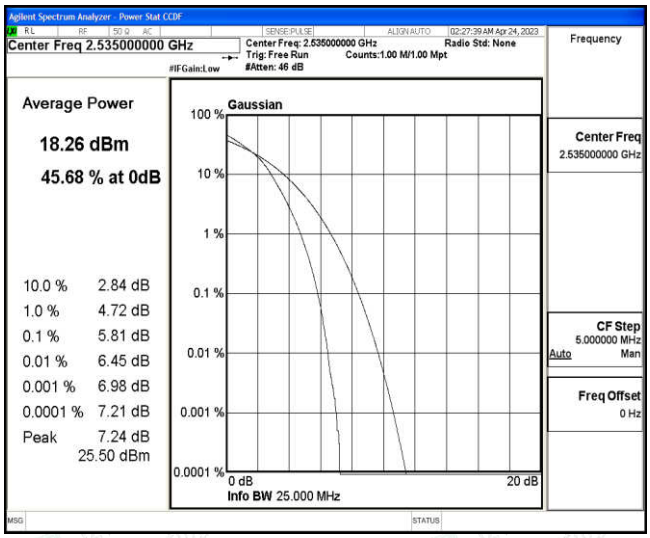
Band7-20MHz-QPSK-21350-100RB#0



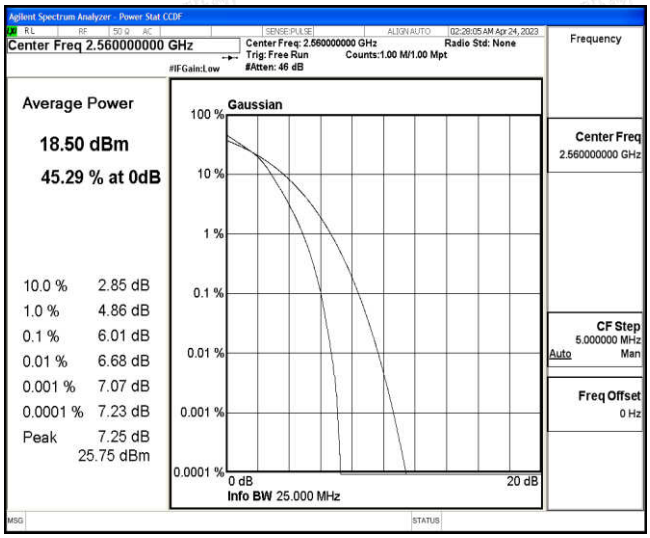
Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-100RB#0


Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.560000000 GHz
Center Freq: 2.560000000 GHz
Trig: Free Run
#Atten: 46 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
18.50 dBm
45.29 % at 0dB
10.0 % 2.85 dB
1.0 % 4.86 dB
0.1 % 6.01 dB
0.01 % 6.68 dB
0.001 % 7.07 dB
0.0001 % 7.23 dB
Peak 7.25 dB
25.75 dBm
Gaussian
100 %
10 %
1 %
0.1 %
0.01 %
0.001 %
0.0001 %
0 dB
20 dB
Info BW 25.000 MHz
Center Freq
2.560000000 GHz
CF Step
5.000000 MHz
Auto Man
Freq Offset
0 Hz

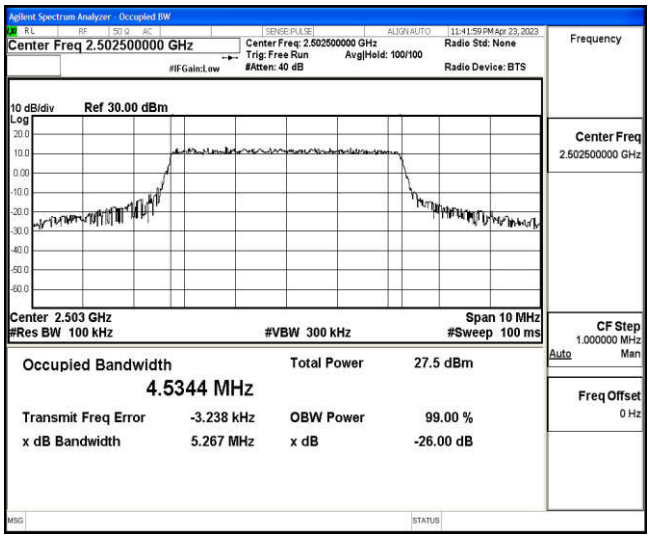
F.3 26dB Bandwidth and Occupied Bandwidth

Test Result

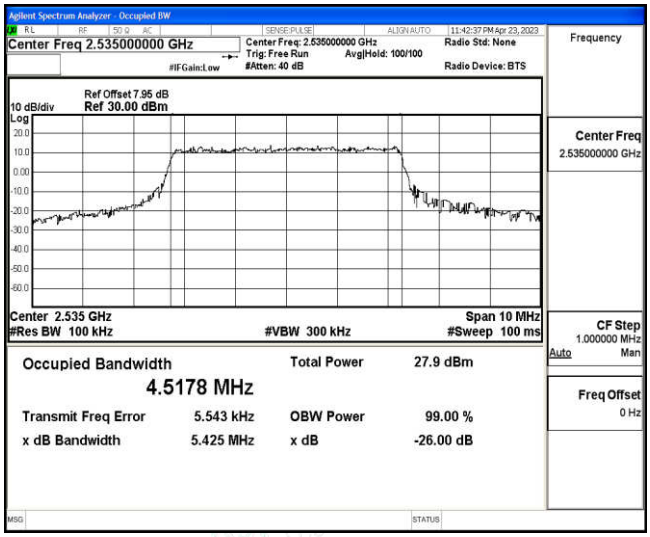
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5344	5.267	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5178	5.425	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5228	5.296	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5190	5.314	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5362	5.412	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5461	5.475	PASS
Band7	10MHz	QPSK	20800	50RB#0	9.0153	10.13	PASS
Band7	10MHz	QPSK	21100	50RB#0	9.0274	10.23	PASS
Band7	10MHz	QPSK	21400	50RB#0	9.0012	10.02	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9980	10.01	PASS
Band7	10MHz	16QAM	21100	50RB#0	9.0151	10.54	PASS
Band7	10MHz	16QAM	21400	50RB#0	8.9848	10.07	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.506	15.34	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.506	15.65	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.460	15.18	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.477	14.95	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.521	14.89	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.525	15.19	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.993	19.88	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.002	20.28	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.017	20.19	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.966	20.29	PASS
Band7	20MHz	16QAM	21100	100RB#0	18.015	20.06	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.047	20.14	PASS

Test Graphs

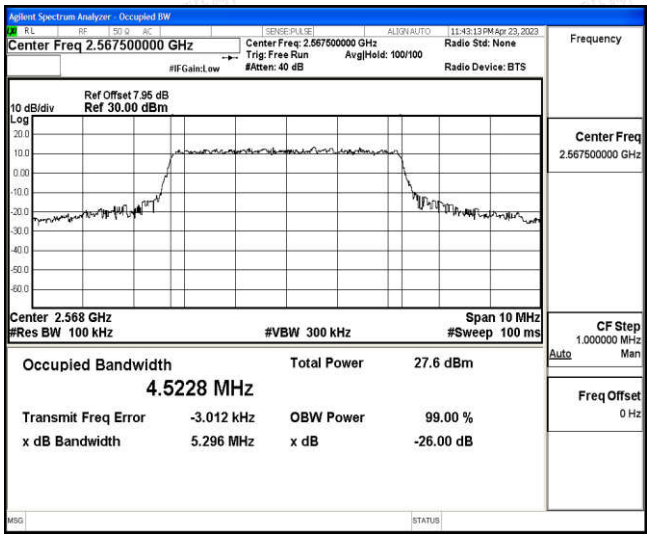
Band7-5MHz-QPSK-20775-25RB#0



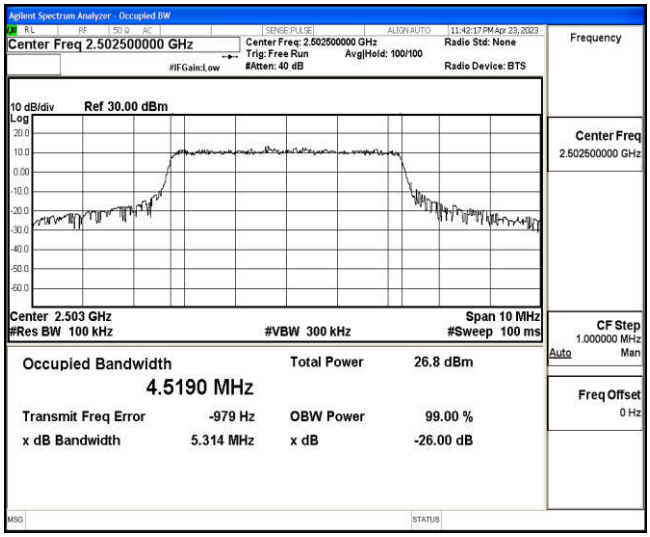
Band7-5MHz-QPSK-21100-25RB#0



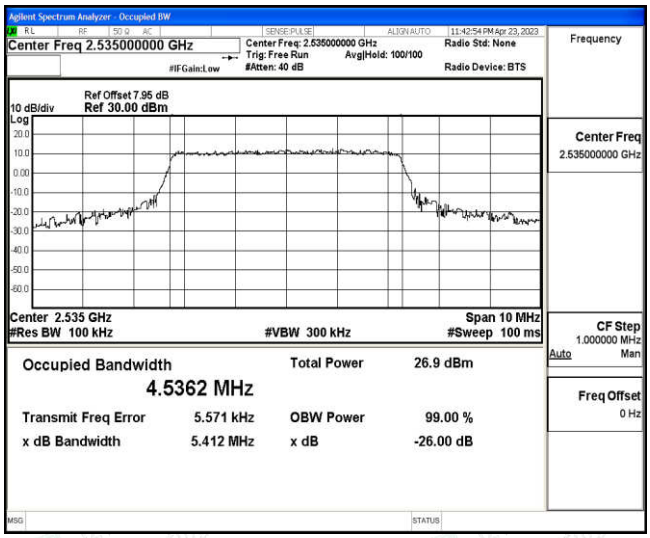
Band7-5MHz-QPSK-21425-25RB#0



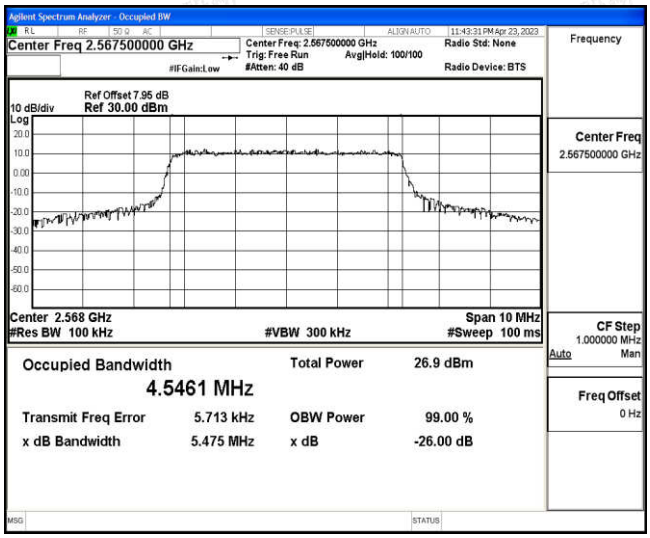
Band7-5MHz-16QAM-20775-25RB#0



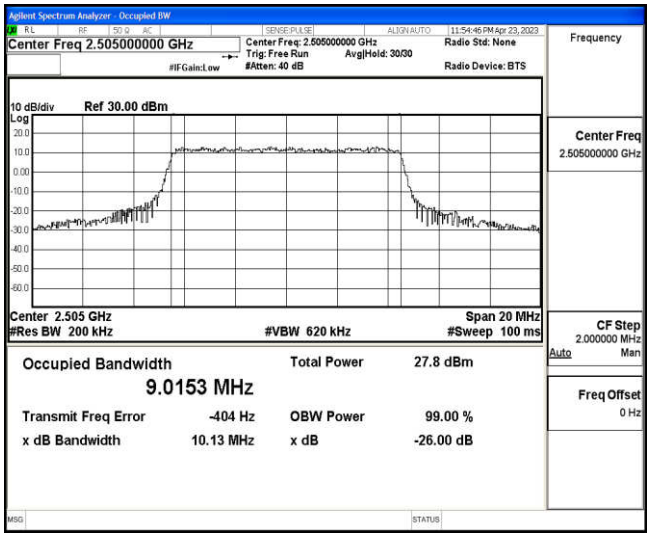
Band7-5MHz-16QAM-21100-25RB#0



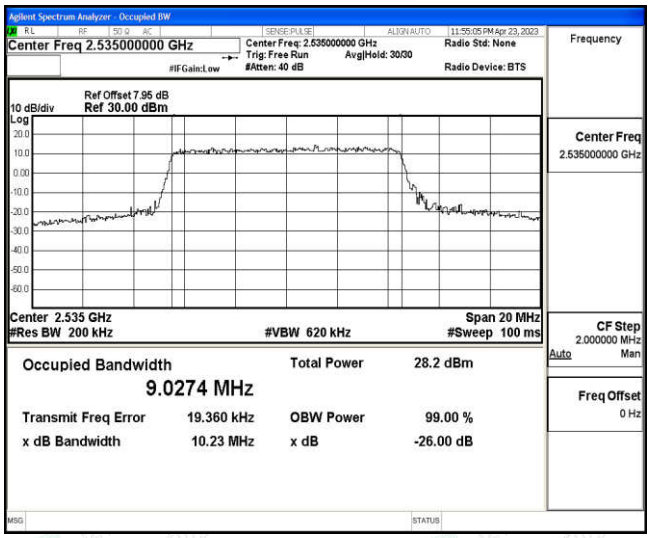
Band7-5MHz-16QAM-21425-25RB#0



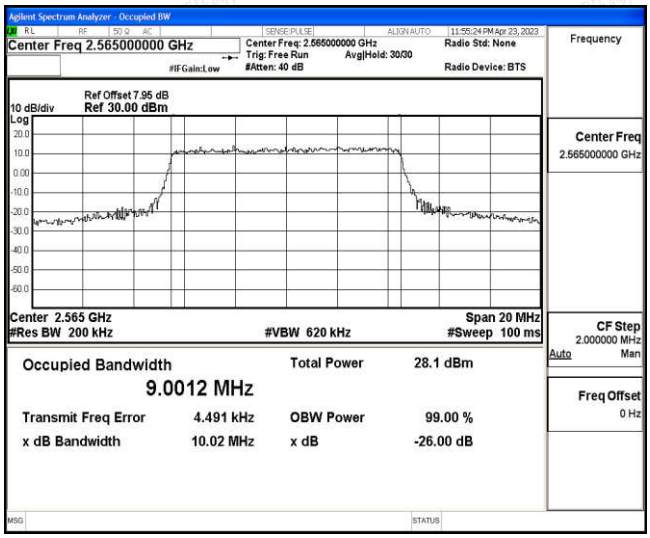
Band7-10MHz-QPSK-20800-50RB#0



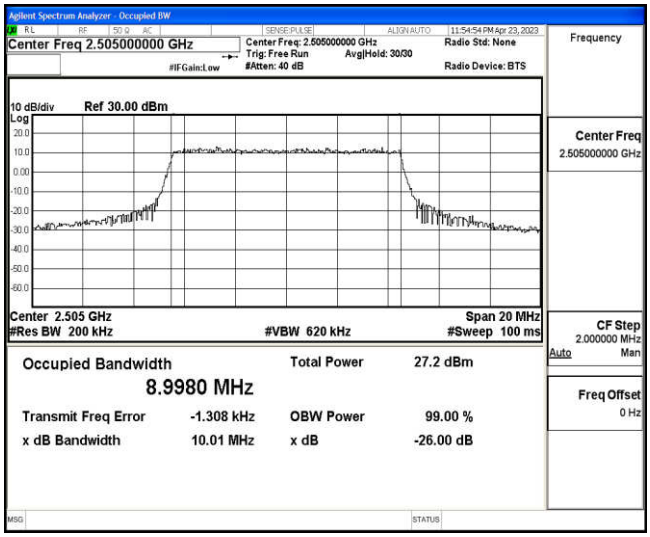
Band7-10MHz-QPSK-21100-50RB#0



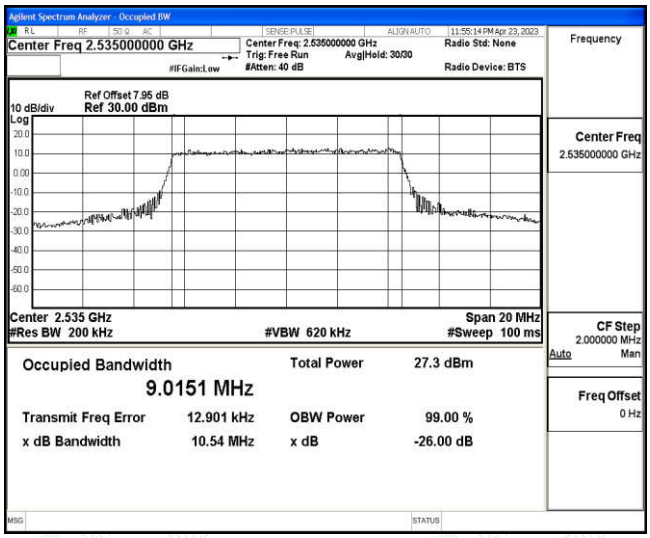
Band7-10MHz-QPSK-21400-50RB#0



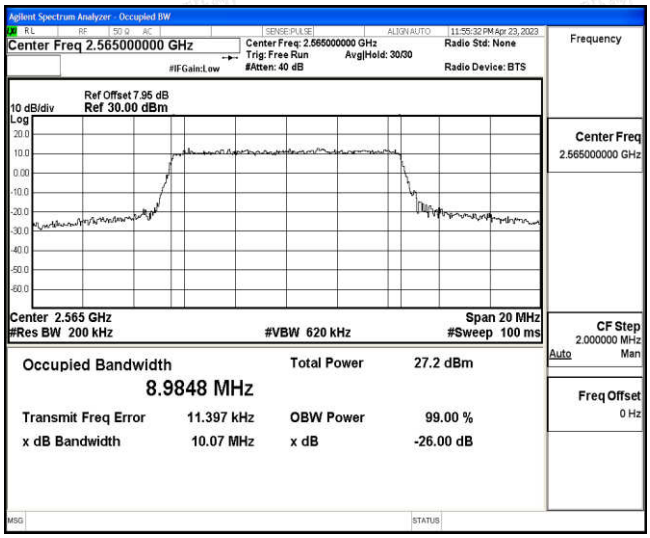
Band7-10MHz-16QAM-20800-50RB#0



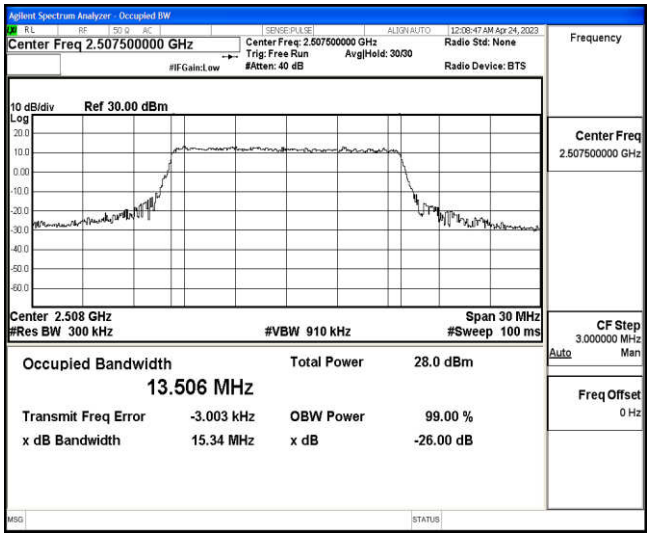
Band7-10MHz-16QAM-21100-50RB#0



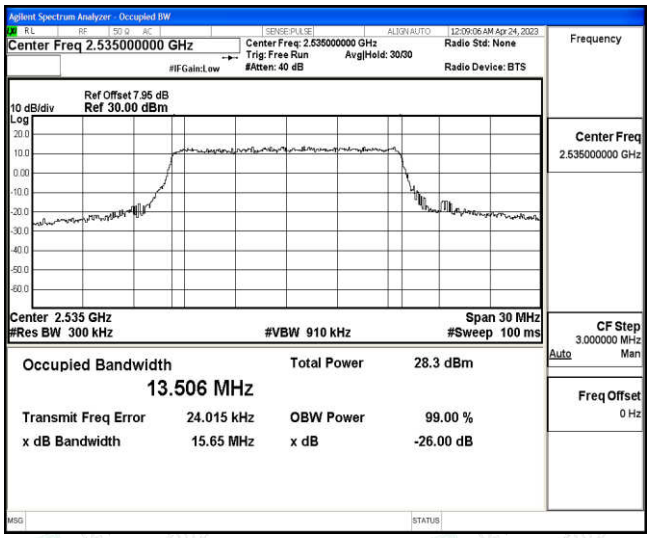
Band7-10MHz-16QAM-21400-50RB#0



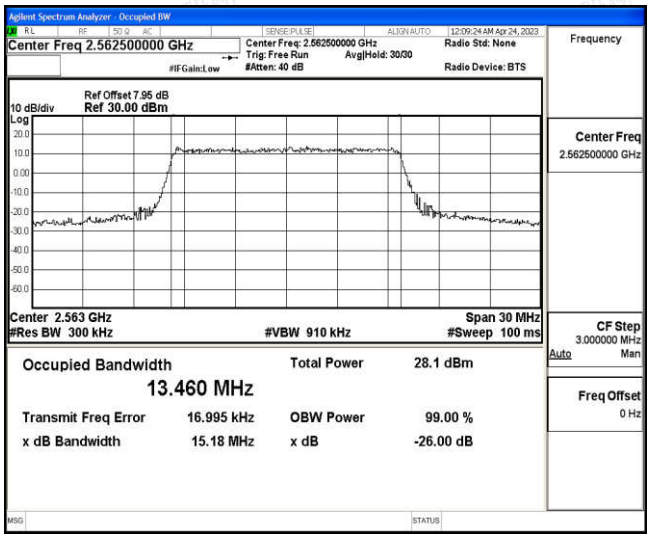
Band7-15MHz-QPSK-20825-75RB#0



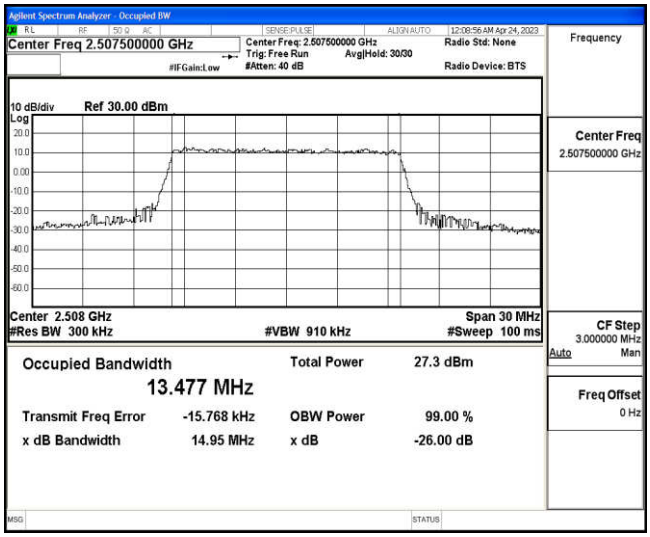
Band7-15MHz-QPSK-21100-75RB#0



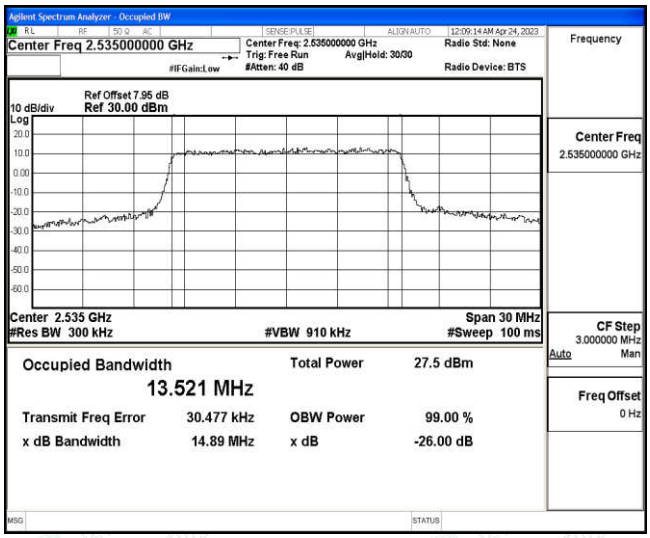
Band7-15MHz-QPSK-21375-75RB#0



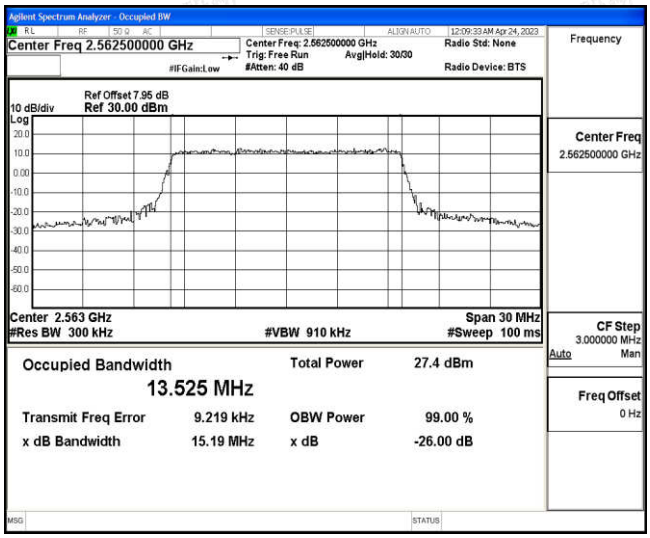
Band7-15MHz-16QAM-20825-75RB#0



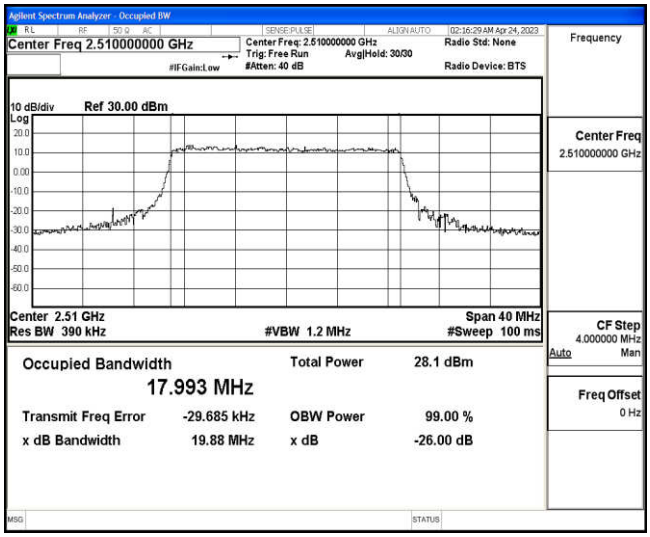
Band7-15MHz-16QAM-21100-75RB#0



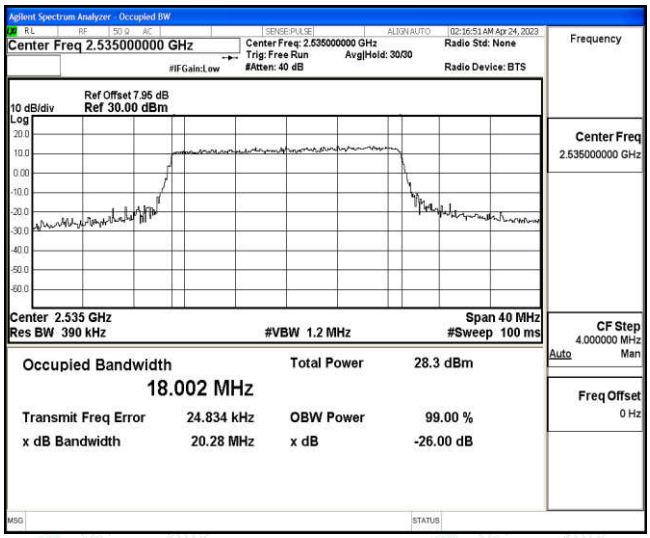
Band7-15MHz-16QAM-21375-75RB#0



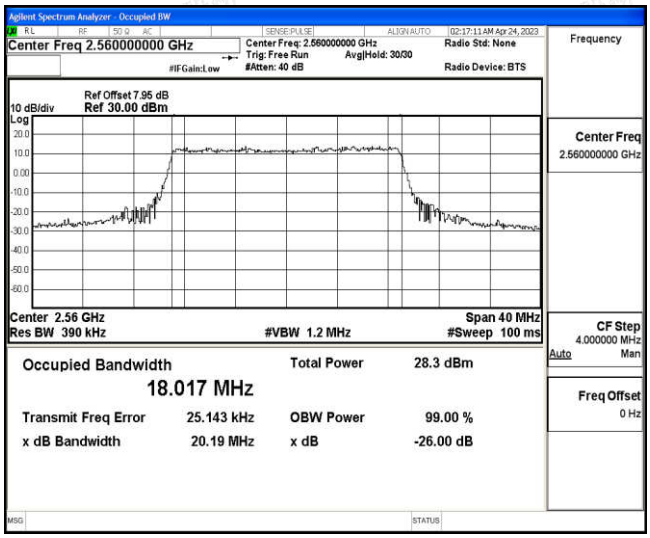
Band7-20MHz-QPSK-20850-100RB#0



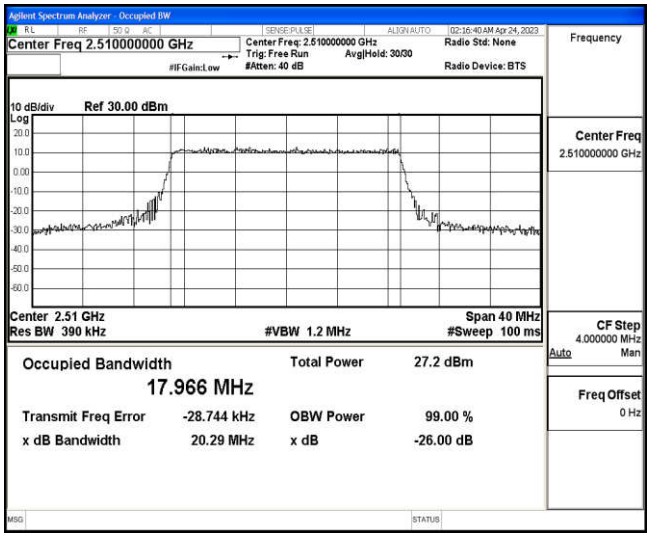
Band7-20MHz-QPSK-21100-100RB#0



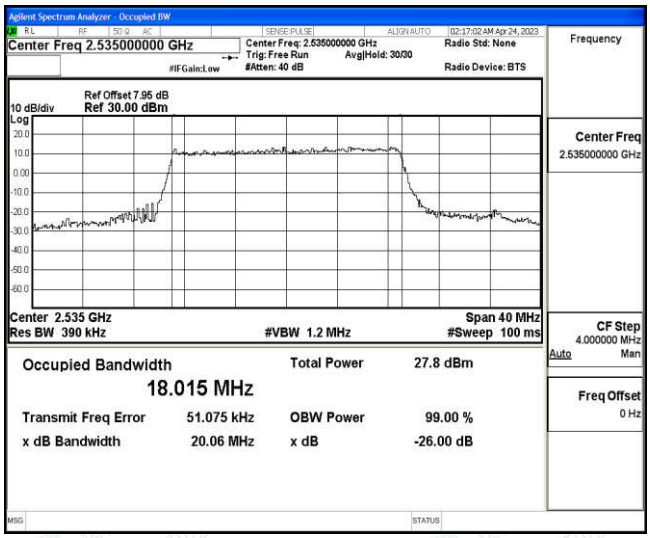
Band7-20MHz-QPSK-21350-100RB#0



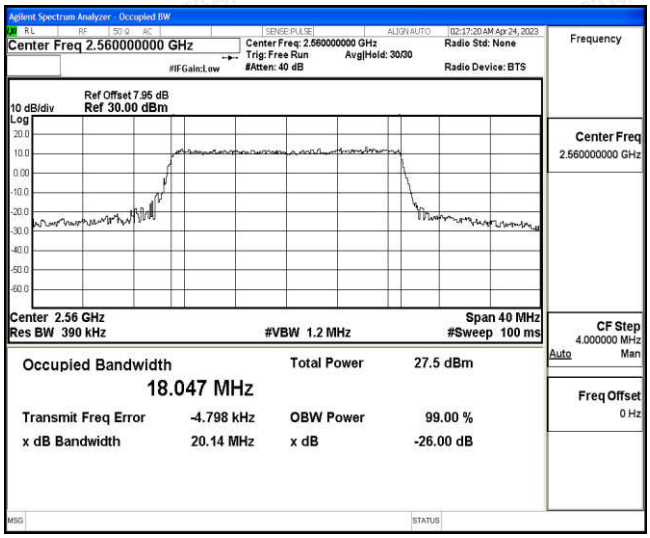
Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21100-100RB#0



Band7-20MHz-16QAM-21350-100RB#0


Agilent Spectrum Analyzer - Occupied BW
Center Freq 2.560000000 GHz
Center Freq: 2.560000000 GHz
Trig: Free Run
Avg|Hold: 30/30
#Atten: 40 dB
#IFGain:Low
Radio Std: None
Radio Device: BTS
Frequency
Ref Offset 7.95 dB
10 dB/div
Ref 30.00 dBm
Log
Center Freq
2.560000000 GHz
Center 2.56 GHz
Res BW 390 kHz
#VBW 1.2 MHz
Span 40 MHz
#Sweep 100 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
18.047 MHz
Total Power 27.5 dBm
Transmit Freq Error -4.798 kHz
OBW Power 99.00 %
x dB Bandwidth 20.14 MHz
x dB -26.00 dB
Freq Offset
0 Hz
MSG
STATUS

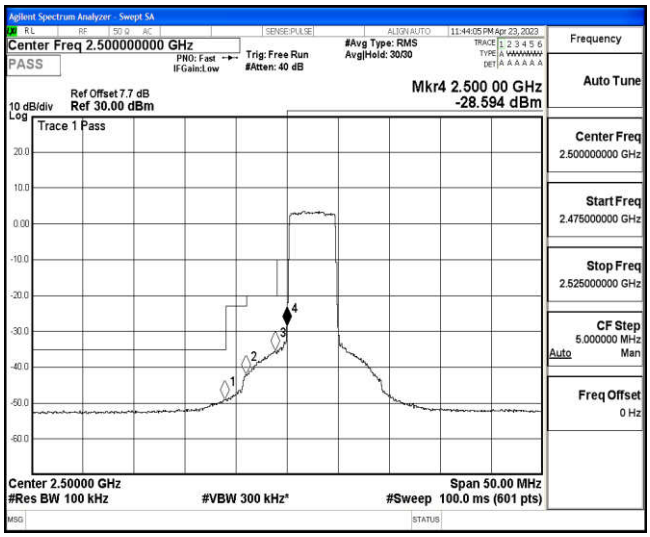
F.4 Band Edge

Test Result

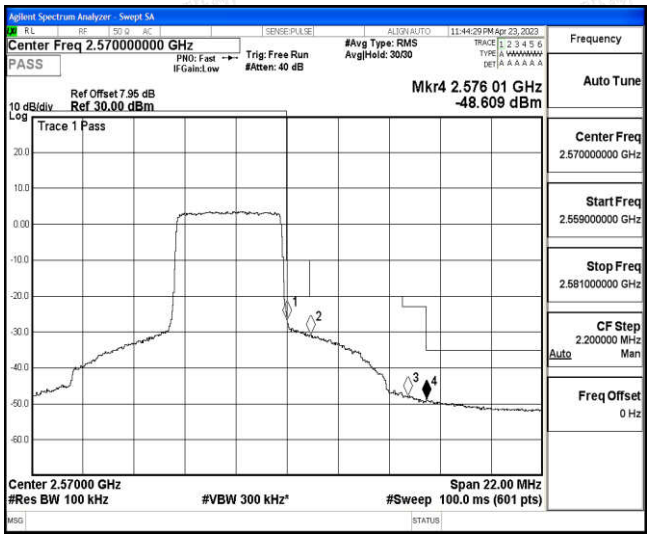
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-49.07,-42.08,-35.45,-28.59	PASS
Band7	5MHz	QPSK	21425	25RB#0	-26.61,-30.68,-47.73,-48.61	PASS
Band7	5MHz	16QAM	20775	25RB#0	-49.63,-44.87,-36.44,-29.02	PASS
Band7	5MHz	16QAM	21425	25RB#0	-27.13,-32.73,-47.89,-49.48	PASS
Band7	10MHz	QPSK	20800	50RB#0	-47.24,-38.82,-36.37,-31.52	PASS
Band7	10MHz	QPSK	21400	50RB#0	-28.44,-30.93,-35.31,-46.99	PASS
Band7	10MHz	16QAM	20800	50RB#0	-47.55,-39.77,-37.48,-33.53	PASS
Band7	10MHz	16QAM	21400	50RB#0	-30.48,-33.52,-38.18,-47.15	PASS
Band7	15MHz	QPSK	20825	75RB#0	-40.68,-36.05,-34.46,-31.73	PASS
Band7	15MHz	QPSK	21375	75RB#0	-29.19,-31.18,-33.60,-44.90	PASS
Band7	15MHz	16QAM	20825	75RB#0	-42.16,-37.49,-35.56,-32.24	PASS
Band7	15MHz	16QAM	21375	75RB#0	-31.20,-33.42,-35.96,-45.05	PASS
Band7	20MHz	QPSK	20850	100RB#0	-40.00,-38.05,-35.97,-33.34	PASS
Band7	20MHz	QPSK	21350	100RB#0	-33.08,-35.50,-37.37,-45.31	PASS
Band7	20MHz	16QAM	20850	100RB#0	-41.37,-38.72,-36.90,-34.56	PASS
Band7	20MHz	16QAM	21350	100RB#0	-33.36,-36.05,-37.78,-45.27	PASS

Test Graphs

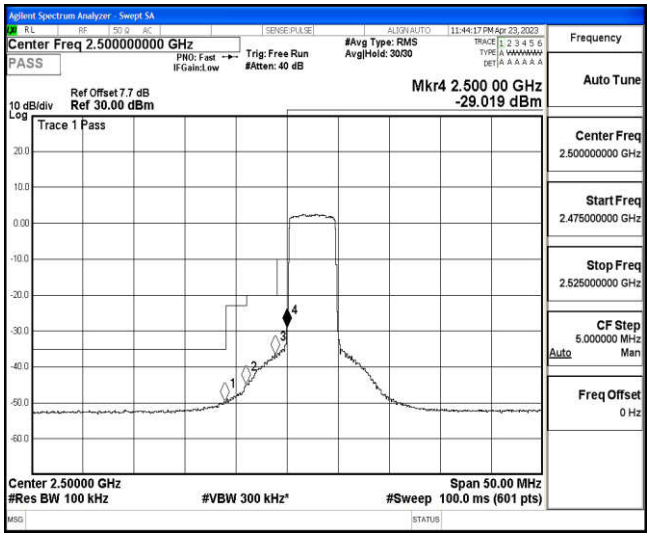
Band7-5MHz-QPSK-20775-25RB#0



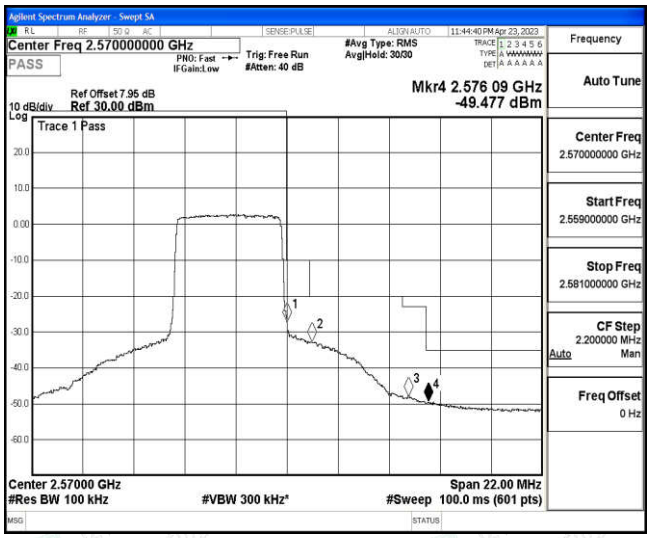
Band7-5MHz-QPSK-21425-25RB#0



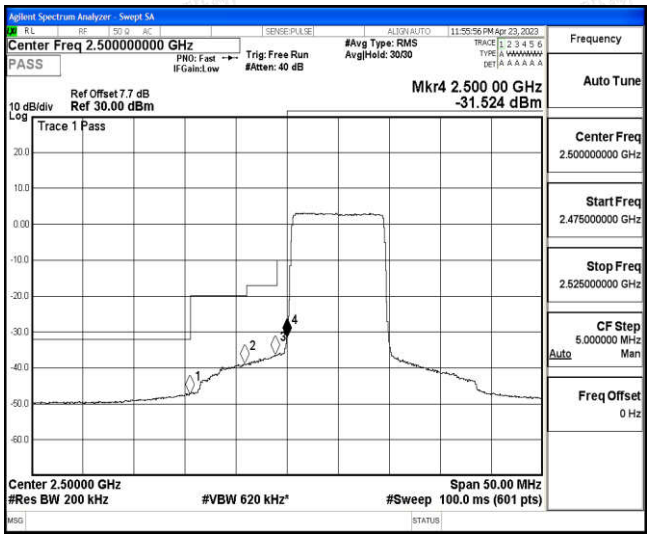
Band7-5MHz-16QAM-20775-25RB#0



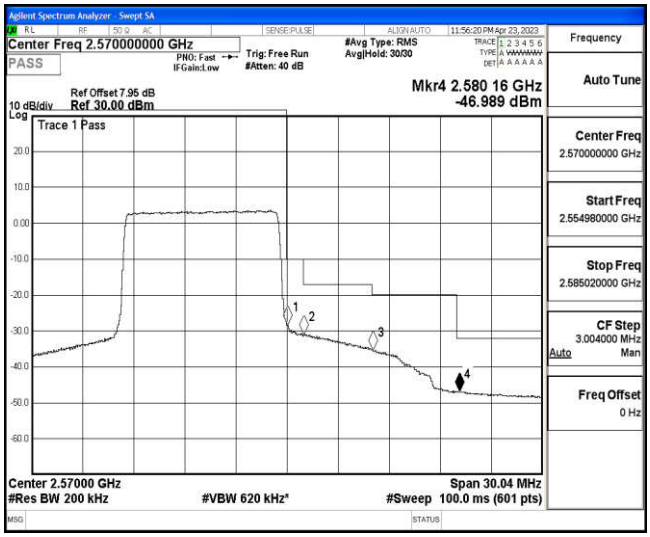
Band7-5MHz-16QAM-21425-25RB#0



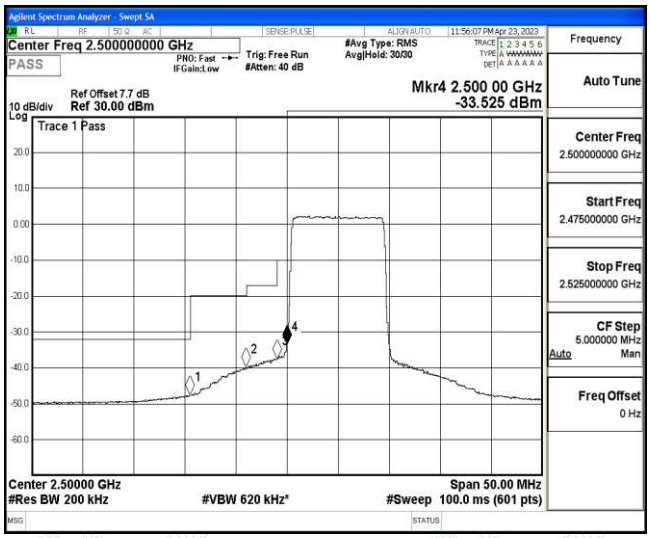
Band7-10MHz-QPSK-20800-50RB#0



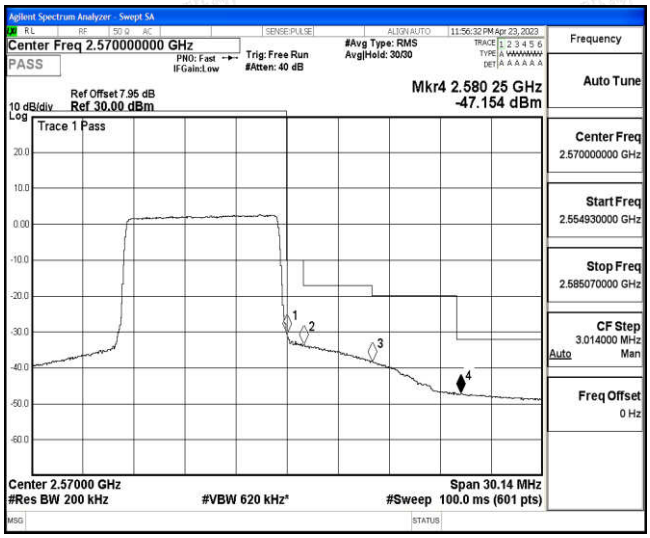
Band7-10MHz-QPSK-21400-50RB#0



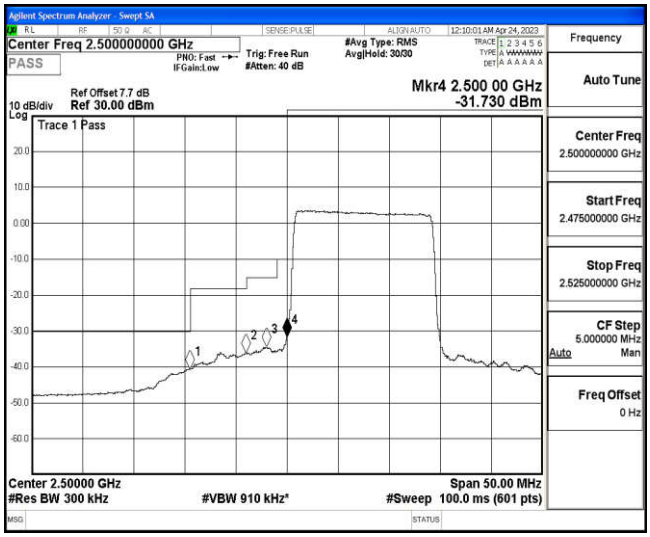
Band7-10MHz-16QAM-20800-50RB#0



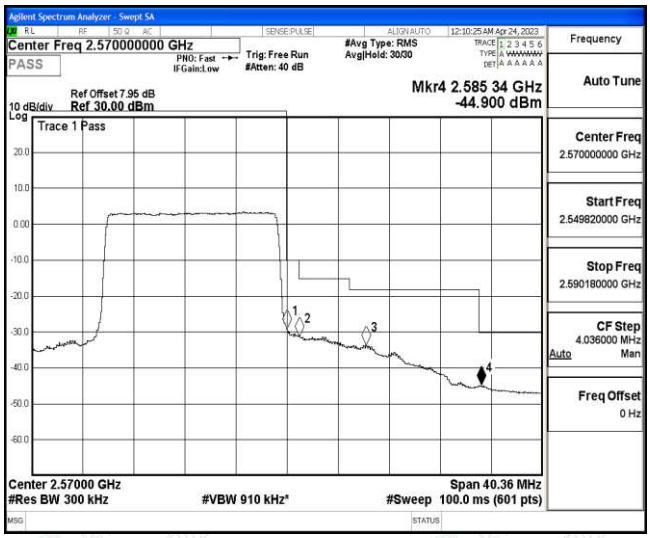
Band7-10MHz-16QAM-21400-50RB#0



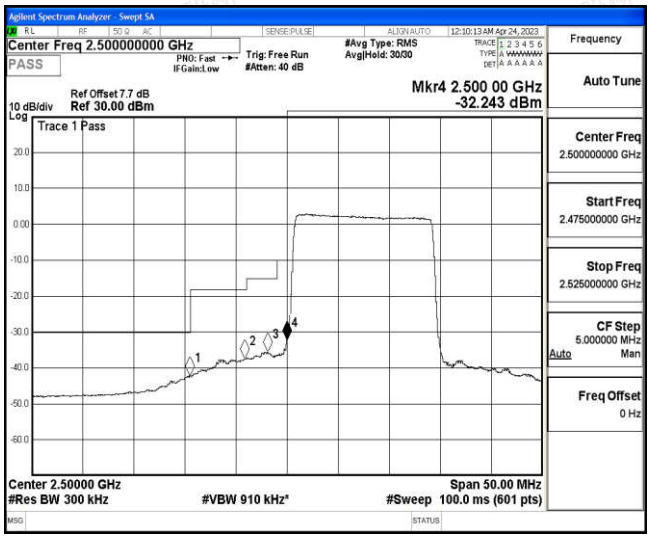
Band7-15MHz-QPSK-20825-75RB#0



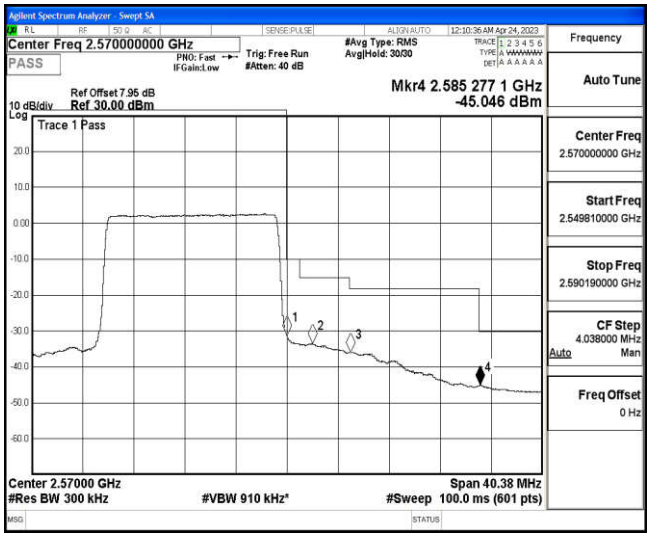
Band7-15MHz-QPSK-21375-75RB#0



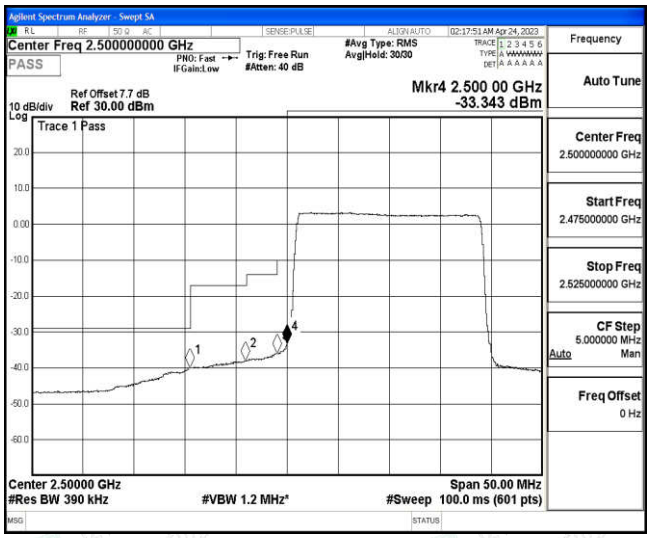
Band7-15MHz-16QAM-20825-75RB#0



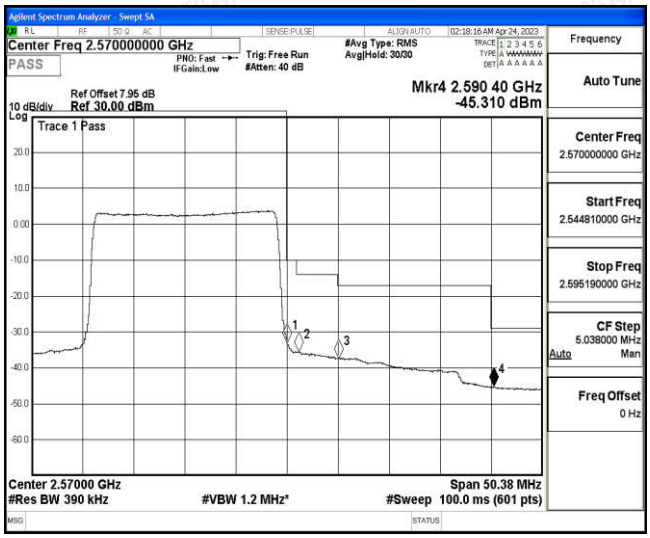
Band7-15MHz-16QAM-21375-75RB#0



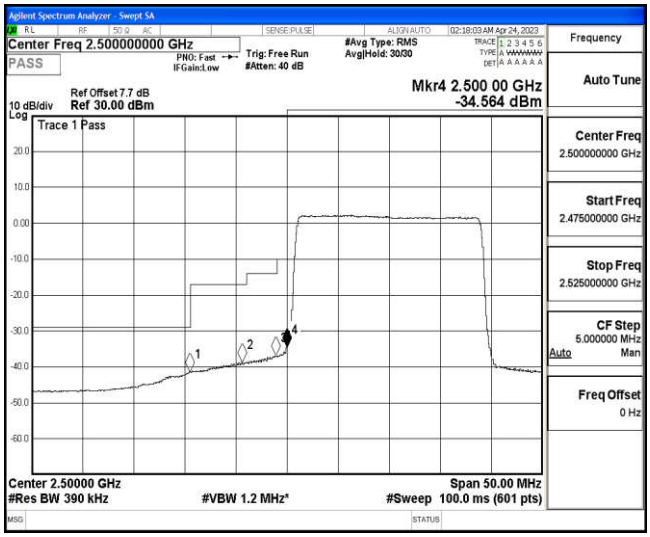
Band7-20MHz-QPSK-20850-100RB#0



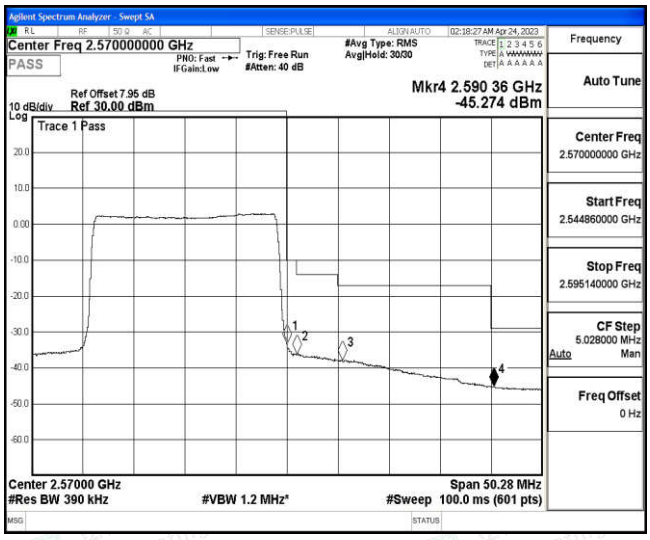
Band7-20MHz-QPSK-21350-100RB#0



Band7-20MHz-16QAM-20850-100RB#0



Band7-20MHz-16QAM-21350-100RB#0



F.5 Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	Range1:0.009~0.15MHz	-65.73	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:0.15~30MHz	-50.98	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range3:30~1000MHz	-42.28	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range5:10000~20000MHz	-49.06	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range6:20000~26500MHz	-36.6	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-65.43	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-51.52	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-41.82	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range5:10000~20000MHz	-49.06	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range6:20000~26500MHz	-36.78	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:0.009~0.15MHz	-64.69	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:0.15~30MHz	-50.1	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range3:30~1000MHz	-41.75	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range4:1000~10000MHz	-44.85	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range5:10000~20000MHz	-48.97	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range6:20000~26500MHz	-36.79	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:0.009~0.15MHz	-65.5	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:0.15~30MHz	-50.02	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range3:30~1000MHz	-41.31	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range4:1000~10000MHz	-44.77	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range5:10000~20000MHz	-49.02	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range6:20000~26500MHz	-36.84	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-66.14	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-52.88	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-42.06	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range4:1000~10000MHz	-44.77	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range5:10000~20000MHz	-48.91	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range6:20000~26500MHz	-36.58	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:0.009~0.15MHz	-64.58	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:0.15~30MHz	-49.82	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range3:30~1000MHz	-42.14	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range4:1000~10000MHz	-44.81	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range5:10000~20000MHz	-49.03	PASS

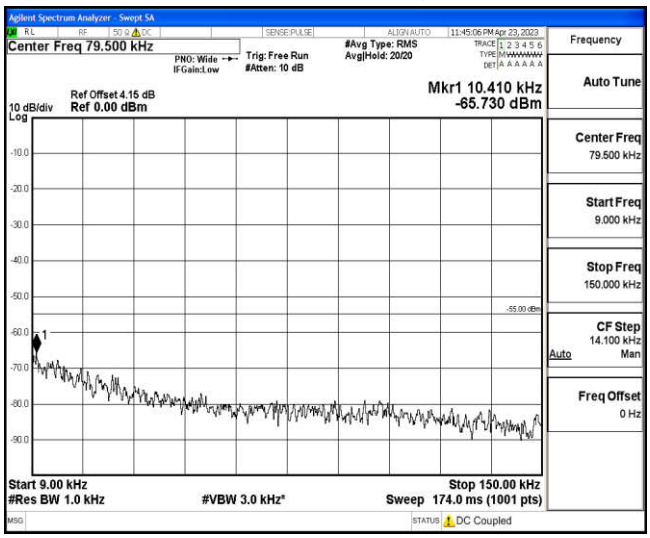
Band7	5MHz	16QAM	21425	1RB#0	Range6:20000~26500MHz	-36.86	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:0.009~0.15MHz	-66.84	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:0.15~30MHz	-50.58	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range3:30~1000MHz	-42.99	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range5:10000~20000MHz	-49.07	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range6:20000~26500MHz	-36.73	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-64.73	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-52.43	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-41.47	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range5:10000~20000MHz	-49.06	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range6:20000~26500MHz	-36.82	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:0.009~0.15MHz	-65.47	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:0.15~30MHz	-50.34	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range3:30~1000MHz	-41.73	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range4:1000~10000MHz	-44.79	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range5:10000~20000MHz	-49.09	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range6:20000~26500MHz	-36.82	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:0.009~0.15MHz	-64.04	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:0.15~30MHz	-51.59	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range3:30~1000MHz	-42.1	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range4:1000~10000MHz	-44.8	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range5:10000~20000MHz	-48.93	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range6:20000~26500MHz	-36.79	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-64.58	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-51.5	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-42.27	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range4:1000~10000MHz	-44.76	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range5:10000~20000MHz	-49.07	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range6:20000~26500MHz	-36.84	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:0.009~0.15MHz	-64.91	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:0.15~30MHz	-51.42	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range3:30~1000MHz	-41.95	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range5:10000~20000MHz	-49.08	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range6:20000~26500MHz	-36.78	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:0.009~0.15MHz	-64.32	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range2:0.15~30MHz	-51.64	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range3:30~1000MHz	-42.26	PASS

Band7	15MHz	QPSK	20825	1RB#0	Range4:1000~10000MHz	-44.74	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range5:10000~20000MHz	-49.11	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range6:20000~26500MHz	-36.77	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-65.5	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-51.61	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-40.98	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range4:1000~10000MHz	-44.68	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range5:10000~20000MHz	-49.08	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range6:20000~26500MHz	-36.71	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:0.009~0.15MHz	-64.4	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:0.15~30MHz	-50.6	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range3:30~1000MHz	-41.51	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range4:1000~10000MHz	-44.73	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range5:10000~20000MHz	-49.02	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range6:20000~26500MHz	-36.85	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:0.009~0.15MHz	-67.01	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:0.15~30MHz	-51.11	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range3:30~1000MHz	-42.75	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range4:1000~10000MHz	-44.83	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range5:10000~20000MHz	-49	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range6:20000~26500MHz	-36.99	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-63.6	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-51.55	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-41.51	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range4:1000~10000MHz	-44.67	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range5:10000~20000MHz	-49.01	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range6:20000~26500MHz	-36.83	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:0.009~0.15MHz	-66.14	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range2:0.15~30MHz	-51.51	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range3:30~1000MHz	-42.23	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range4:1000~10000MHz	-44.79	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range5:10000~20000MHz	-48.95	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range6:20000~26500MHz	-36.93	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:0.009~0.15MHz	-66.41	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:0.15~30MHz	-49.85	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range3:30~1000MHz	-41.9	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range4:1000~10000MHz	-44.76	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range5:10000~20000MHz	-49.12	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range6:20000~26500MHz	-36.84	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-65.63	PASS

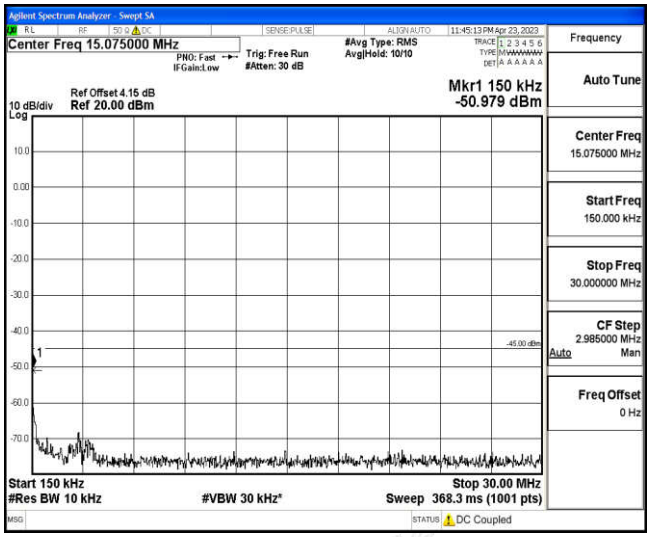
Band7	20MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-51.14	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-41.71	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range5:10000~20000MHz	-49.25	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range6:20000~26500MHz	-36.99	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:0.009~0.15MHz	-66.18	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:0.15~30MHz	-50.37	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range3:30~1000MHz	-42.82	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range4:1000~10000MHz	-44.86	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range5:10000~20000MHz	-49.21	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range6:20000~26500MHz	-37.01	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:0.009~0.15MHz	-65.42	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:0.15~30MHz	-50.79	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range3:30~1000MHz	-41.81	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range5:10000~20000MHz	-49.02	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range6:20000~26500MHz	-36.94	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-65.52	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-50.45	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-42.36	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range4:1000~10000MHz	-44.89	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range5:10000~20000MHz	-49.23	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range6:20000~26500MHz	-37.08	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:0.009~0.15MHz	-66.06	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:0.15~30MHz	-50.57	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range3:30~1000MHz	-40.89	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range4:1000~10000MHz	-44.9	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range5:10000~20000MHz	-49.11	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range6:20000~26500MHz	-36.98	PASS

Test Graphs

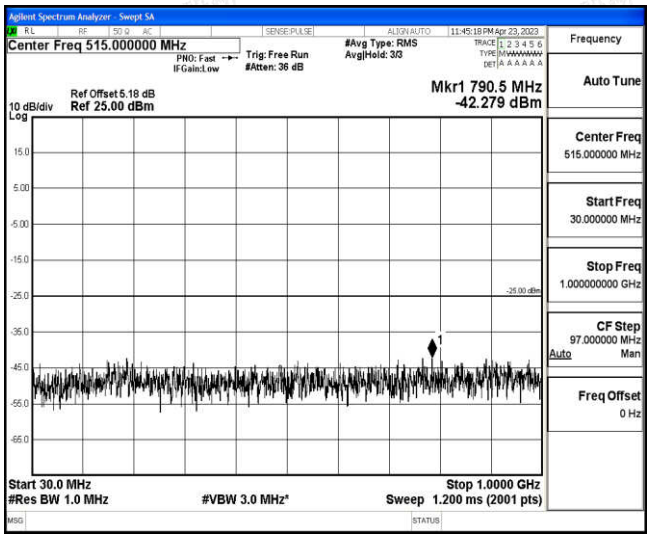
Band7-5MHz-QPSK-20775-1RB#0-Range1:0.009~0.15MHz



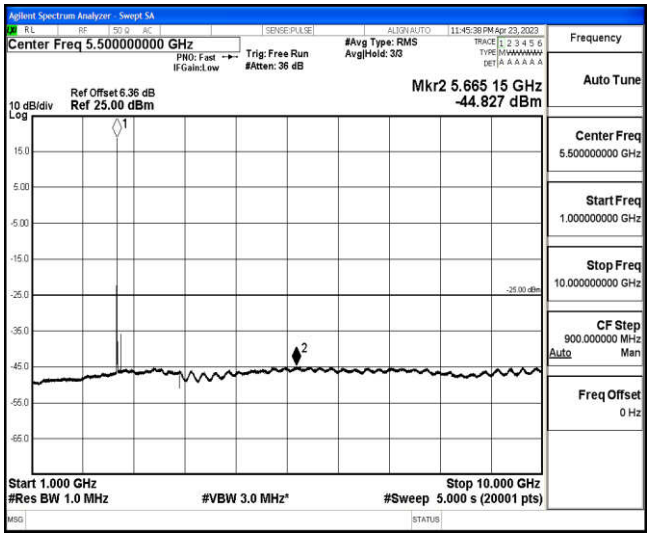
Band7-5MHz-QPSK-20775-1RB#0-Range2:0.15~30MHz



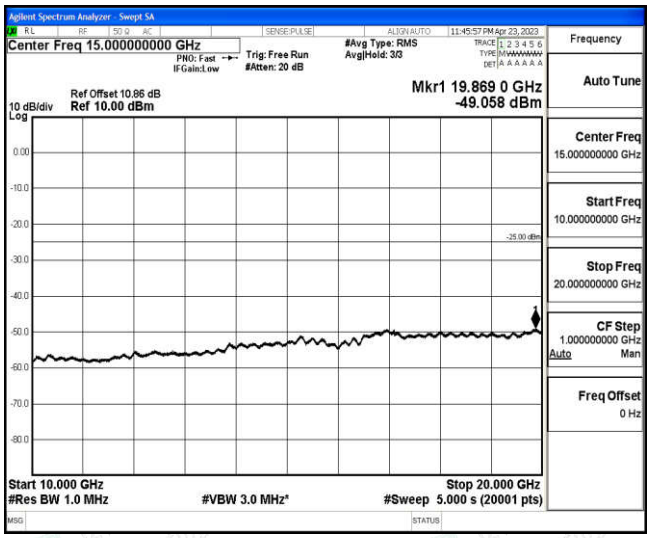
Band7-5MHz-QPSK-20775-1RB#0-Range3:30~1000MHz



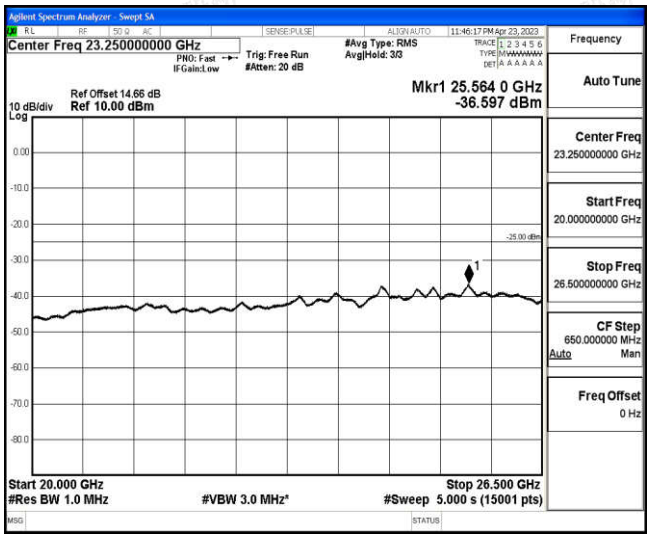
Band7-5MHz-QPSK-20775-1RB#0-Range4:1000~10000MHz



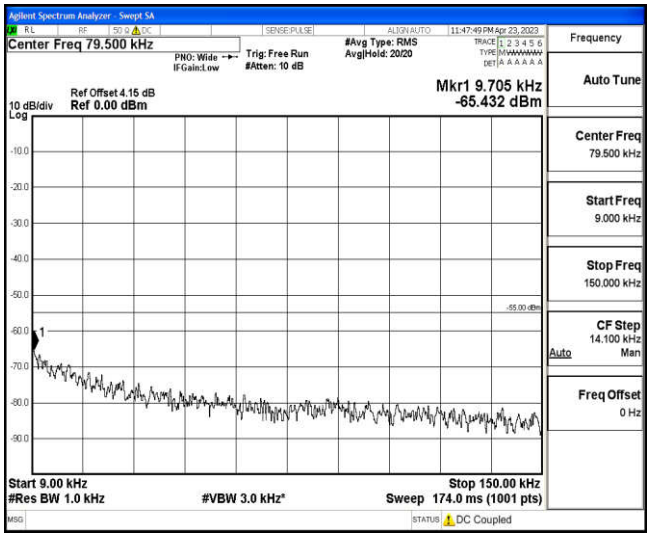
Band7-5MHz-QPSK-20775-1RB#0-Range5:10000~20000MHz



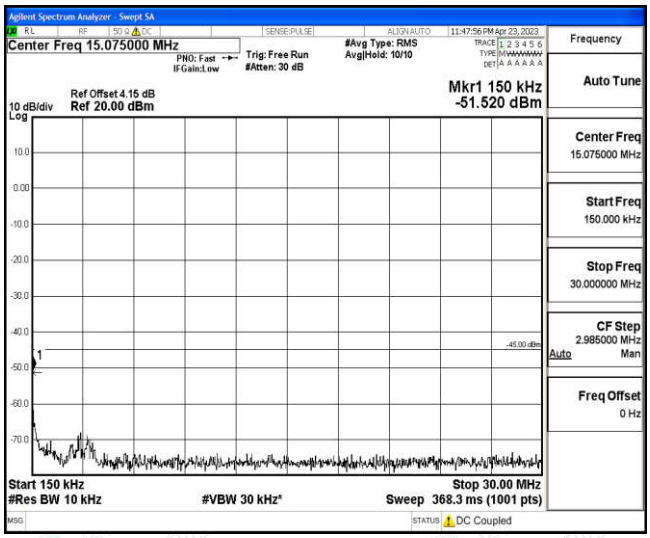
Band7-5MHz-QPSK-20775-1RB#0-Range6:20000~26500MHz



Band7-5MHz-QPSK-21100-1RB#0-Range1:0.009~0.15MHz



Band7-5MHz-QPSK-21100-1RB#0-Range2:0.15~30MHz



Band7-5MHz-QPSK-21100-1RB#0-Range3:30~1000MHz