Appendix G: Test Data for E-UTRA Band 7

Product Name: Smartphone

Test Model: Vision

Environmental Conditions

Temperature:	23.4° C
Relative Humidity:	52.3%
ATM Pressure:	100.0 kPa
Test Engineer:	Ling Zhu
Supervised by:	Li Huan

G.1 Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	1RB#0	21.41	PASS
Band7	5MHz	QPSK	20775	1RB#12	21.34	PASS
Band7	5MHz	QPSK	20775	1RB#24	21.32	PASS
Band7	5MHz	QPSK	20775	12RB#0	20.36	PASS
Band7	5MHz	QPSK	20775	12RB#6	20.39	PASS
Band7	5MHz	QPSK	20775	12RB#13	20.39	PASS
Band7	5MHz	QPSK	20775	25RB#0	20.36	PASS
Band7	5MHz	QPSK	21100	1RB#0	22.18	PASS
Band7	5MHz	QPSK	21100	1RB#12	22.24	PASS
Band7	5MHz	QPSK	21100	1RB#24	22.16	PASS
Band7	5MHz	QPSK	21100	12RB#0	21.12	PASS
Band7	5MHz	QPSK	21100	12RB#6	21.16	PASS
Band7	5MHz	QPSK	21100	12RB#13	21.16	PASS
Band7	5MHz	QPSK	21100	25RB#0	21.18	PASS
Band7	5MHz	QPSK	21425	1RB#0	22.12	PASS
Band7	5MHz	QPSK	21425	1RB#12	22.11	PASS
Band7	5MHz	QPSK	21425	1RB#24	22.15	PASS
Band7	5MHz	QPSK	21425	12RB#0	21.21	PASS
Band7	5MHz	QPSK	21425	12RB#6	21.21	PASS
Band7	5MHz	QPSK	21425	12RB#13	21.19	PASS
Band7	5MHz	QPSK	21425	25RB#0	21.27	PASS
Band7	5MHz	16QAM	20775	1RB#0	19.88	PASS
Band7	5MHz	16QAM	20775	1RB#12	19.78	PASS
Band7	5MHz	16QAM	20775	1RB#24	19.81	PASS
Band7	5MHz	16QAM	20775	12RB#0	19.43	PASS
Band7	5MHz	16QAM	20775	12RB#6	19.40	PASS
Band7	5MHz	16QAM	20775	12RB#13	19.35	PASS
Band7	5MHz	16QAM	20775	25RB#0	19.46	PASS
Band7	5MHz	16QAM	21100	1RB#0	20.50	PASS
Band7	5MHz	16QAM	21100	1RB#12	20.63	PASS

Band7	5MHz	16QAM	21100	1RB#24	20.67	PASS
Band7	5MHz	16QAM	21100	12RB#0	20.25	PASS
Band7	5MHz	16QAM	21100	12RB#6	20.18	PASS
Band7	5MHz	16QAM	21100	12RB#13	20.23	PASS
Band7	5MHz	16QAM	21100	25RB#0	20.29	PASS
Band7	5MHz	16QAM	21425	1RB#0	21.52	PASS
Band7	5MHz	16QAM	21425	1RB#12	21.47	PASS
Band7	5MHz	16QAM	21425	1RB#24	21.52	PASS
Band7	5MHz	16QAM	21425	12RB#0	20.39	PASS
Band7	5MHz	16QAM	21425	12RB#6	20.40	PASS
Band7	5MHz	16QAM	21425	12RB#13	20.29	PASS
Band7	5MHz	16QAM	21425	25RB#0	20.39	PASS
Band7	10MHz	QPSK	20800	1RB#0	21.28	PASS
Band7	10MHz	QPSK	20800	1RB#24	21.22	PASS
Band7	10MHz	QPSK	20800	1RB#49	21.18	PASS
Band7	10MHz	QPSK	20800	25RB#0	20.35	PASS
Band7	10MHz	QPSK	20800	25RB#12	20.33	PASS
Band7	10MHz	QPSK	20800	25RB#25	20.23	PASS
Band7	10MHz	QPSK	20800	50RB#0	20.25	PASS
Band7	10MHz	QPSK	21100	1RB#0	22.02	PASS
Band7	10MHz	QPSK	21100	1RB#24	22.04	PASS
Band7	10MHz	QPSK	21100	1RB#49	21.98	PASS
Band7	10MHz	QPSK	21100	25RB#0	21.16	PASS
Band7	10MHz	QPSK	21100	25RB#12	20.98	PASS
Band7	10MHz	QPSK	21100	25RB#25	21.06	PASS
Band7	10MHz	QPSK	21100	50RB#0	21.15	PASS
Band7	10MHz	QPSK	21400	1RB#0	22.03	PASS
Band7	10MHz	QPSK	21400	1RB#24	22.12	PASS
Band7	10MHz	QPSK	21400	1RB#49	22.24	PASS
Band7	10MHz	QPSK	21400	25RB#0	21.04	PASS
Band7	10MHz	QPSK	21400	25RB#12	21.19	PASS
Band7	10MHz	QPSK	21400	25RB#25	21.31	PASS
Band7	10MHz	QPSK	21400	50RB#0	21.14	PASS
Band7	10MHz	16QAM	20800	1RB#0	20.16	PASS
Band7	10MHz	16QAM	20800	1RB#24	20.13	PASS

Band7	10MHz	16QAM	20800	1RB#49	20.12	PASS
Band7	10MHz	16QAM	20800	25RB#0	19.28	PASS
Band7	10MHz	16QAM	20800	25RB#12	19.28	PASS
Band7	10MHz	16QAM	20800	25RB#25	19.35	PASS
Band7	10MHz	16QAM	20800	50RB#0	19.40	PASS
Band7	10MHz	16QAM	21100	1RB#0	21.08	PASS
Band7	10MHz	16QAM	21100	1RB#24	21.06	PASS
Band7	10MHz	16QAM	21100	1RB#49	21.05	PASS
Band7	10MHz	16QAM	21100	25RB#0	20.15	PASS
Band7	10MHz	16QAM	21100	25RB#12	20.13	PASS
Band7	10MHz	16QAM	21100	25RB#25	20.20	PASS
Band7	10MHz	16QAM	21100	50RB#0	20.18	PASS
Band7	10MHz	16QAM	21400	1RB#0	21.08	PASS
Band7	10MHz	16QAM	21400	1RB#24	21.21	PASS
Band7	10MHz	16QAM	21400	1RB#49	21.25	PASS
Band7	10MHz	16QAM	21400	25RB#0	20.38	PASS
Band7	10MHz	16QAM	21400	25RB#12	20.39	PASS
Band7	10MHz	16QAM	21400	25RB#25	20.49	PASS
Band7	10MHz	16QAM	21400	50RB#0	20.36	PASS
Band7	15MHz	QPSK	20825	1RB#0	21.27	PASS
Band7	15MHz	QPSK	20825	1RB#38	21.13	PASS
Band7	15MHz	QPSK	20825	1RB#74	21.27	PASS
Band7	15MHz	QPSK	20825	38RB#0	20.22	PASS
Band7	15MHz	QPSK	20825	38RB#18	20.30	PASS
Band7	15MHz	QPSK	20825	38RB#37	20.30	PASS
Band7	15MHz	QPSK	20825	75RB#0	20.30	PASS
Band7	15MHz	QPSK	21100	1RB#0	21.88	PASS
Band7	15MHz	QPSK	21100	1RB#38	21.91	PASS
Band7	15MHz	QPSK	21100	1RB#74	21.95	PASS
Band7	15MHz	QPSK	21100	38RB#0	21.19	PASS
Band7	15MHz	QPSK	21100	38RB#18	21.17	PASS
Band7	15MHz	QPSK	21100	38RB#37	21.17	PASS
Band7	15MHz	QPSK	21100	75RB#0	21.17	PASS
Band7	15MHz	QPSK	21375	1RB#0	21.87	PASS
Band7	15MHz	QPSK	21375	1RB#38	21.95	PASS

Band7	15MHz	QPSK	21375	1RB#74	22.10	PASS
Band7	15MHz	QPSK	21375	38RB#0	21.18	PASS
Band7	15MHz	QPSK	21375	38RB#18	21.17	PASS
Band7	15MHz	QPSK	21375	38RB#37	21.17	PASS
Band7	15MHz	QPSK	21375	75RB#0	21.16	PASS
Band7	15MHz	16QAM	20825	1RB#0	20.26	PASS
Band7	15MHz	16QAM	20825	1RB#38	20.25	PASS
Band7	15MHz	16QAM	20825	1RB#74	20.45	PASS
Band7	15MHz	16QAM	20825	38RB#0	20.30	PASS
Band7	15MHz	16QAM	20825	38RB#18	20.30	PASS
Band7	15MHz	16QAM	20825	38RB#37	20.30	PASS
Band7	15MHz	16QAM	20825	75RB#0	19.37	PASS
Band7	15MHz	16QAM	21100	1RB#0	21.01	PASS
Band7	15MHz	16QAM	21100	1RB#38	21.04	PASS
Band7	15MHz	16QAM	21100	1RB#74	21.13	PASS
Band7	15MHz	16QAM	21100	38RB#0	21.18	PASS
Band7	15MHz	16QAM	21100	38RB#18	21.17	PASS
Band7	15MHz	16QAM	21100	38RB#37	21.17	PASS
Band7	15MHz	16QAM	21100	75RB#0	20.06	PASS
Band7	15MHz	16QAM	21375	1RB#0	21.17	PASS
Band7	15MHz	16QAM	21375	1RB#38	21.25	PASS
Band7	15MHz	16QAM	21375	1RB#74	21.40	PASS
Band7	15MHz	16QAM	21375	38RB#0	21.18	PASS
Band7	15MHz	16QAM	21375	38RB#18	21.17	PASS
Band7	15MHz	16QAM	21375	38RB#37	21.17	PASS
Band7	15MHz	16QAM	21375	75RB#0	20.28	PASS
Band7	20MHz	QPSK	20850	1RB#0	21.44	PASS
Band7	20MHz	QPSK	20850	1RB#49	21.38	PASS
Band7	20MHz	QPSK	20850	1RB#99	21.54	PASS
Band7	20MHz	QPSK	20850	50RB#0	20.26	PASS
Band7	20MHz	QPSK	20850	50RB#25	20.19	PASS
Band7	20MHz	QPSK	20850	50RB#50	20.46	PASS
Band7	20MHz	QPSK	20850	100RB#0	20.38	PASS
Band7	20MHz	QPSK	21100	1RB#0	22.02	PASS
Band7	20MHz	QPSK	21100	1RB#49	22.17	PASS

Band7	20MHz	QPSK	21100	1RB#99	22.19	PASS
Band7	20MHz	QPSK	21100	50RB#0	20.91	PASS
Band7	20MHz	QPSK	21100	50RB#25	21.09	PASS
Band7	20MHz	QPSK	21100	50RB#50	21.00	PASS
Band7	20MHz	QPSK	21100	100RB#0	21.13	PASS
Band7	20MHz	QPSK	21350	1RB#0	22.33	PASS
Band7	20MHz	QPSK	21350	1RB#49	22.42	PASS
Band7	20MHz	QPSK	21350	1RB#99	22.53	PASS
Band7	20MHz	QPSK	21350	50RB#0	20.84	PASS
Band7	20MHz	QPSK	21350	50RB#25	21.06	PASS
Band7	20MHz	QPSK	21350	50RB#50	21.18	PASS
Band7	20MHz	QPSK	21350	100RB#0	21.17	PASS
Band7	20MHz	16QAM	20850	1RB#0	20.21	PASS
Band7	20MHz	16QAM	20850	1RB#49	20.14	PASS
Band7	20MHz	16QAM	20850	1RB#99	20.32	PASS
Band7	20MHz	16QAM	20850	50RB#0	19.50	PASS
Band7	20MHz	16QAM	20850	50RB#25	19.45	PASS
Band7	20MHz	16QAM	20850	50RB#50	19.57	PASS
Band7	20MHz	16QAM	20850	100RB#0	19.46	PASS
Band7	20MHz	16QAM	21100	1RB#0	20.37	PASS
Band7	20MHz	16QAM	21100	1RB#49	20.60	PASS
Band7	20MHz	16QAM	21100	1RB#99	20.70	PASS
Band7	20MHz	16QAM	21100	50RB#0	20.24	PASS
Band7	20MHz	16QAM	21100	50RB#25	20.24	PASS
Band7	20MHz	16QAM	21100	50RB#50	20.19	PASS
Band7	20MHz	16QAM	21100	100RB#0	20.12	PASS
Band7	20MHz	16QAM	21350	1RB#0	21.49	PASS
Band7	20MHz	16QAM	21350	1RB#49	21.64	PASS
Band7	20MHz	16QAM	21350	1RB#99	21.68	PASS
Band7	20MHz	16QAM	21350	50RB#0	20.15	PASS
Band7	20MHz	16QAM	21350	50RB#25	20.10	PASS
Band7	20MHz	16QAM	21350	50RB#50	20.28	PASS
Band7	20MHz	16QAM	21350	100RB#0	20.27	PASS

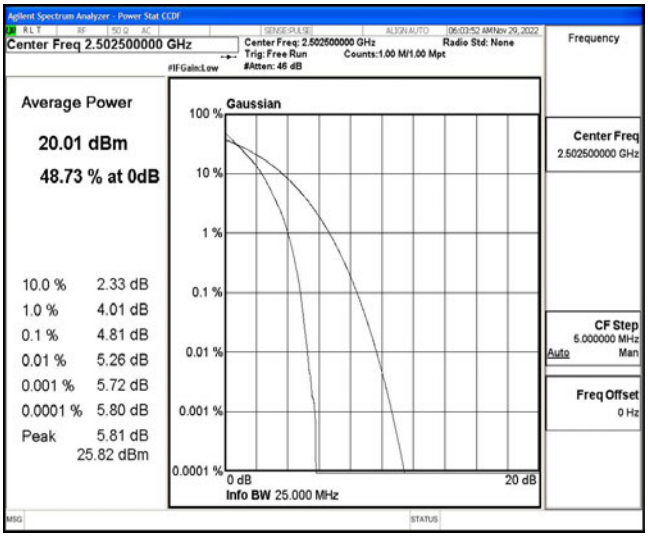
G.2 Peak-to-Average Ratio(CCDF)

Test Result

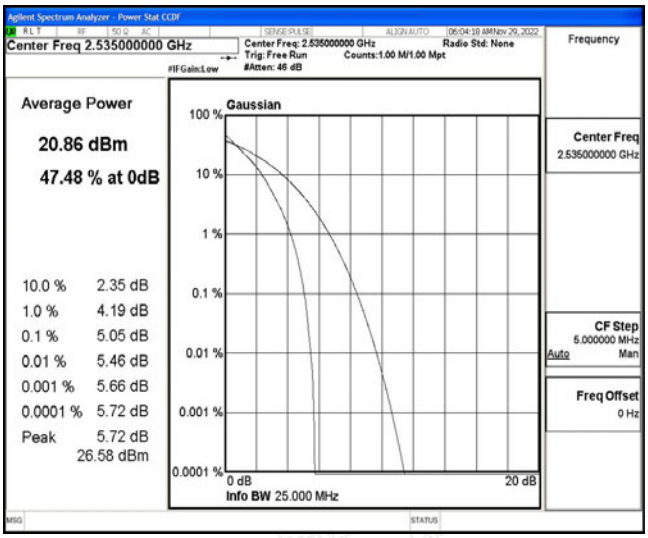
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.81	13	PASS
Band7	5MHz	QPSK	21100	25RB#0	5.05	13	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.62	13	PASS
Band7	5MHz	16QAM	20775	25RB#0	5.59	13	PASS
Band7	5MHz	16QAM	21100	25RB#0	5.84	13	PASS
Band7	5MHz	16QAM	21425	25RB#0	5.45	13	PASS
Band7	10MHz	QPSK	20800	50RB#0	4.84	13	PASS
Band7	10MHz	QPSK	21100	50RB#0	5.11	13	PASS
Band7	10MHz	QPSK	21400	50RB#0	4.72	13	PASS
Band7	10MHz	16QAM	20800	50RB#0	5.60	13	PASS
Band7	10MHz	16QAM	21100	50RB#0	5.87	13	PASS
Band7	10MHz	16QAM	21400	50RB#0	5.58	13	PASS
Band7	15MHz	QPSK	20825	75RB#0	5.19	13	PASS
Band7	15MHz	QPSK	21100	75RB#0	5.43	13	PASS
Band7	15MHz	QPSK	21375	75RB#0	5.16	13	PASS
Band7	15MHz	16QAM	20825	75RB#0	5.79	13	PASS
Band7	15MHz	16QAM	21100	75RB#0	6.01	13	PASS
Band7	15MHz	16QAM	21375	75RB#0	5.76	13	PASS
Band7	20MHz	QPSK	20850	100RB#0	5.21	13	PASS
Band7	20MHz	QPSK	21100	100RB#0	5.33	13	PASS
Band7	20MHz	QPSK	21350	100RB#0	5.19	13	PASS
Band7	20MHz	16QAM	20850	100RB#0	5.89	13	PASS
Band7	20MHz	16QAM	21100	100RB#0	6.04	13	PASS
Band7	20MHz	16QAM	21350	100RB#0	5.86	13	PASS

Test Graphs

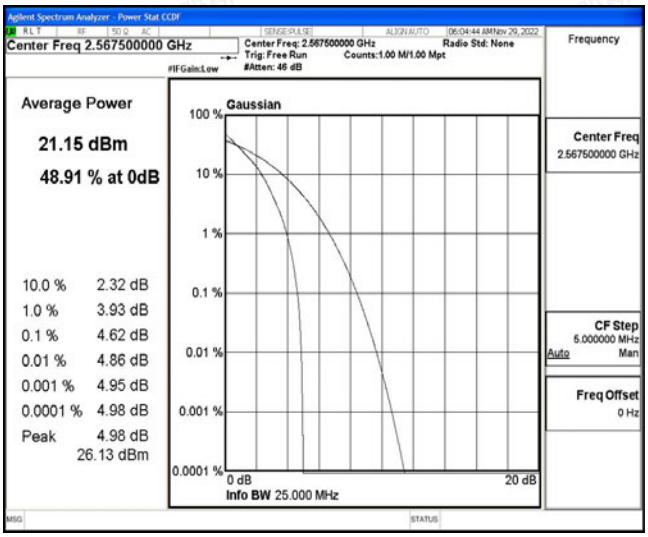
Band7-5MHz-QPSK-20775-25RB#0



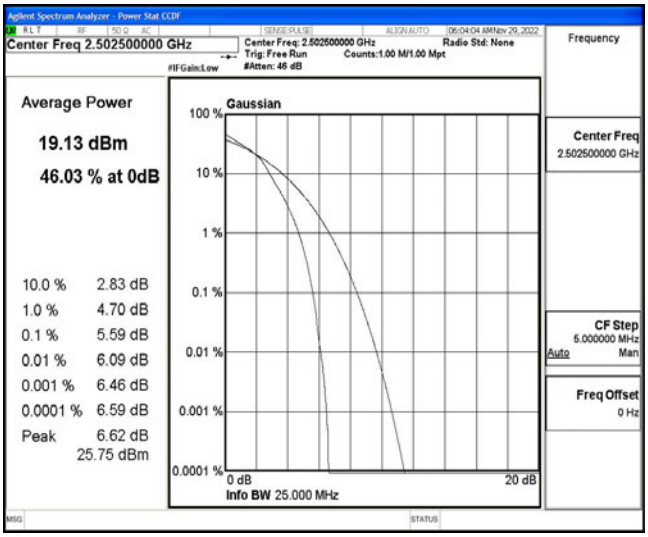
Band7-5MHz-QPSK-21100-25RB#0



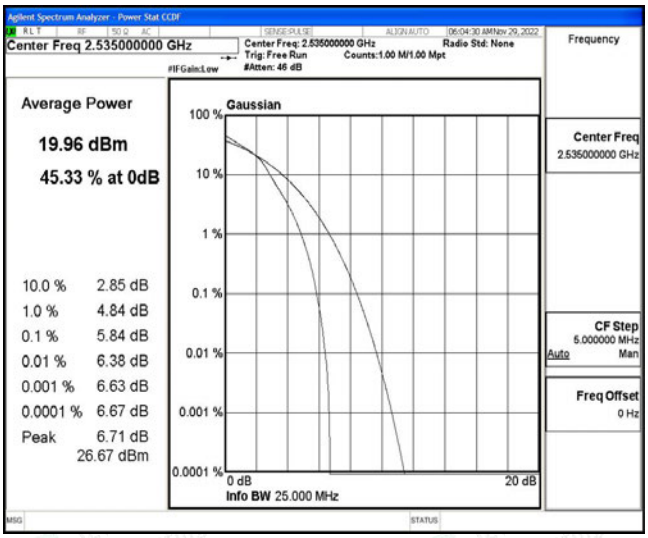
Band7-5MHz-QPSK-21425-25RB#0



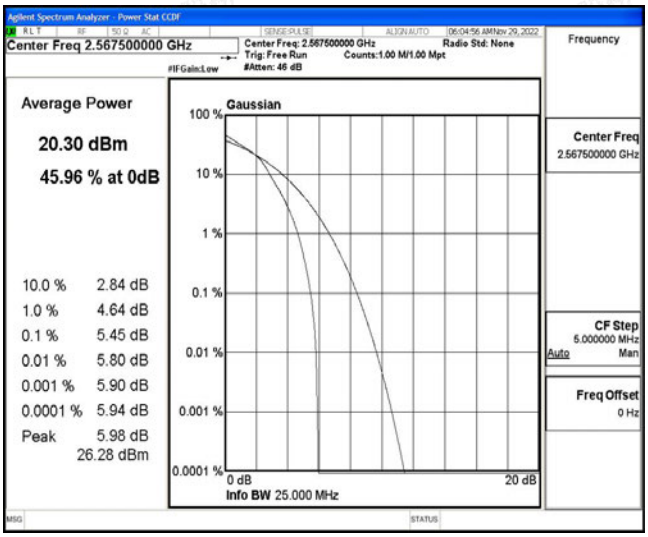
Band7-5MHz-16QAM-20775-25RB#0



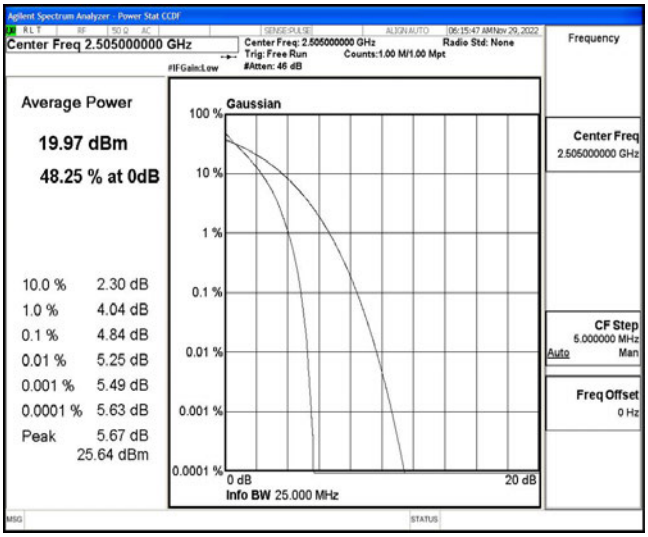
Band7-5MHz-16QAM-21100-25RB#0



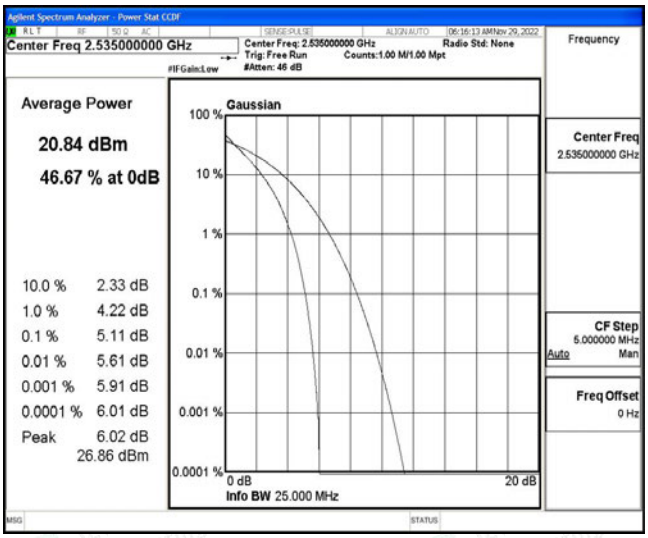
Band7-5MHz-16QAM-21425-25RB#0



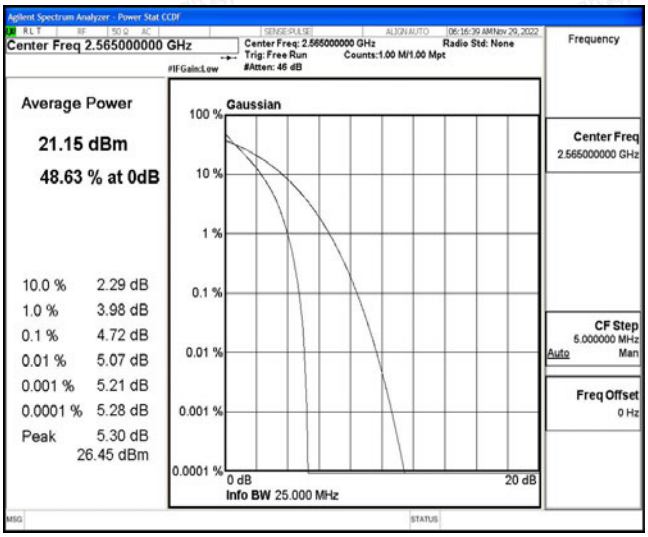
Band7-10MHz-QPSK-20800-50RB#0



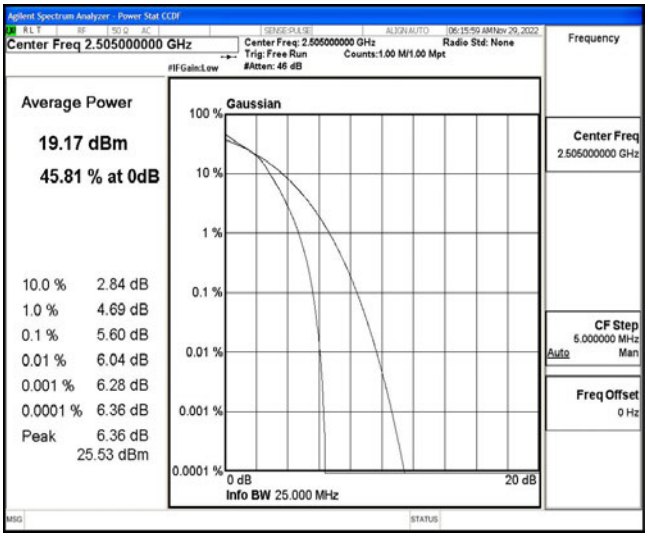
Band7-10MHz-QPSK-21100-50RB#0



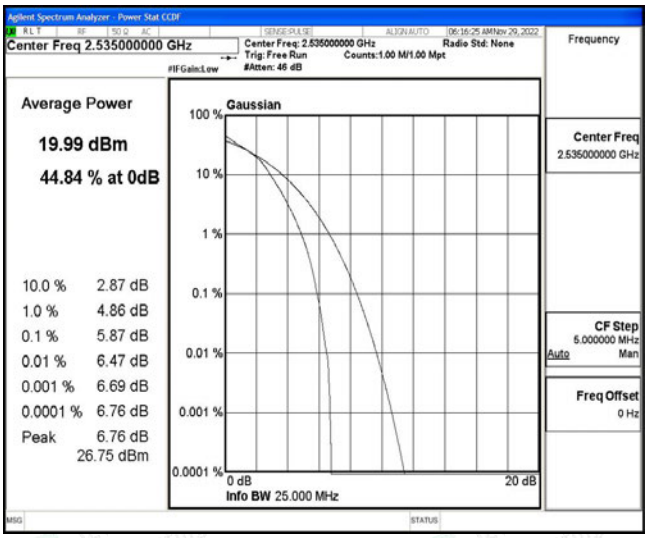
Band7-10MHz-QPSK-21400-50RB#0



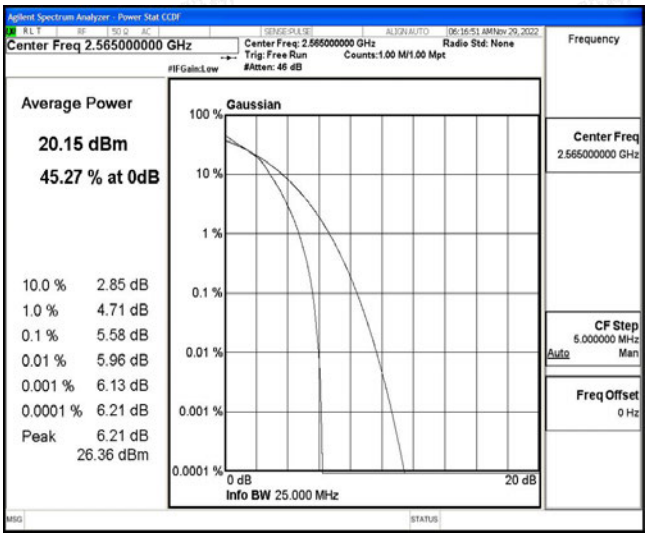
Band7-10MHz-16QAM-20800-50RB#0



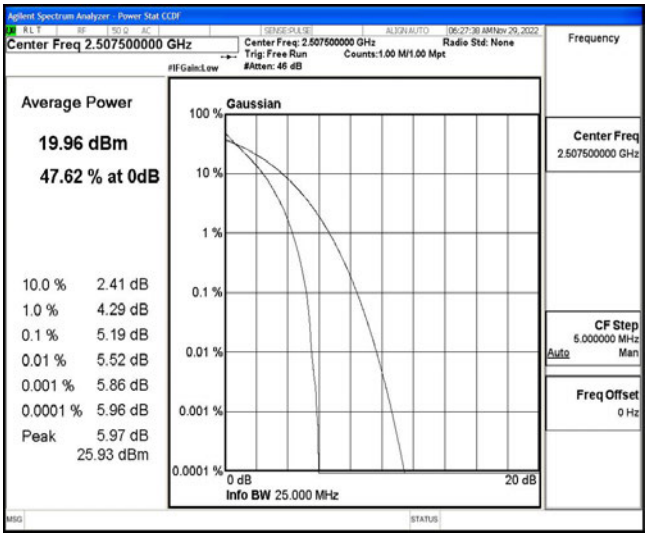
Band7-10MHz-16QAM-21100-50RB#0



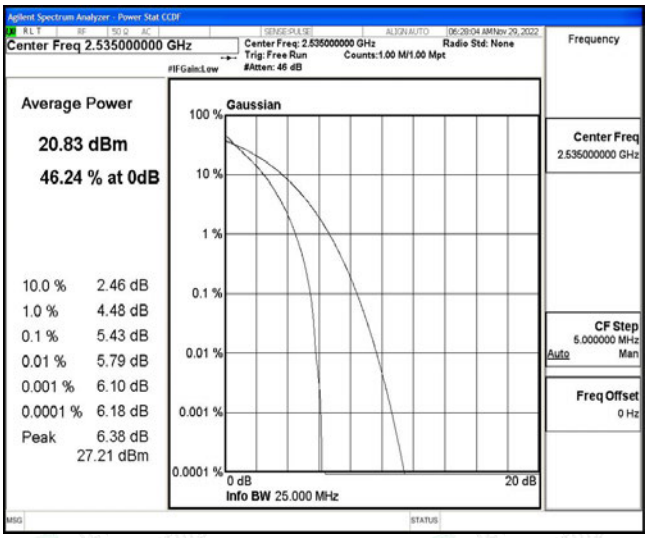
Band7-10MHz-16QAM-21400-50RB#0



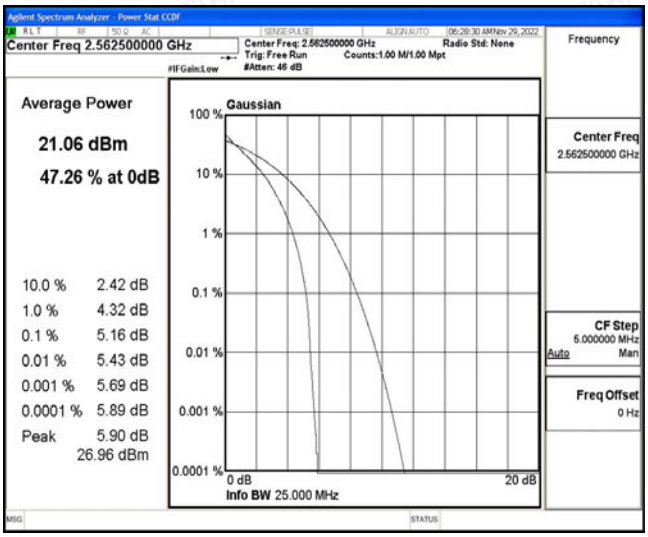
Band7-15MHz-QPSK-20825-75RB#0



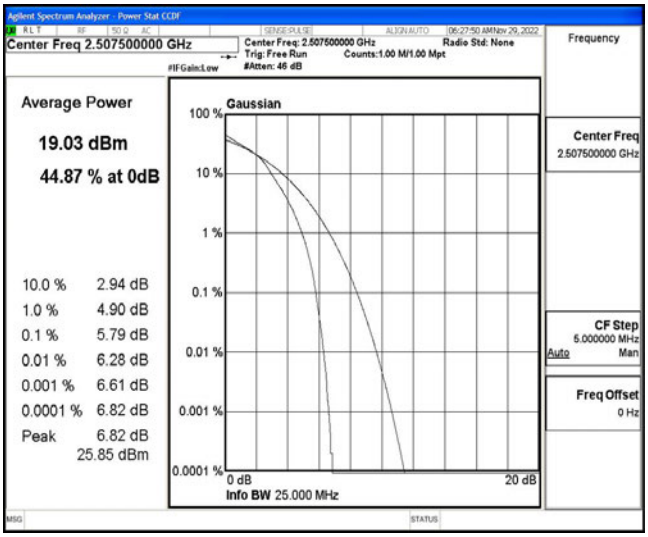
Band7-15MHz-QPSK-21100-75RB#0



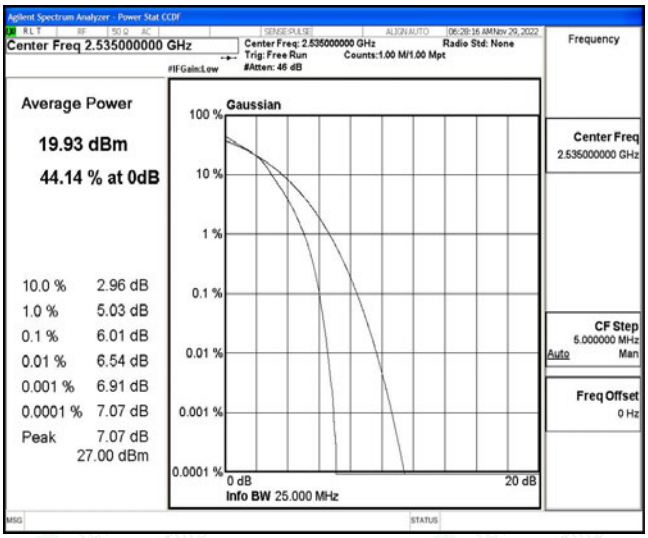
Band7-15MHz-QPSK-21375-75RB#0



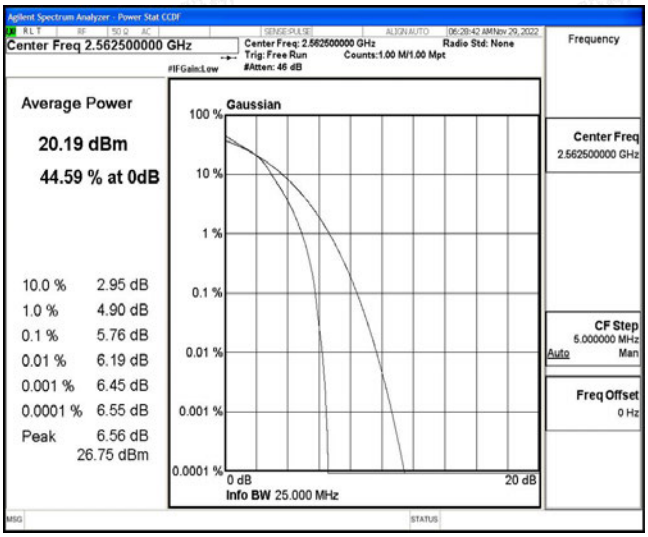
Band7-15MHz-16QAM-20825-75RB#0



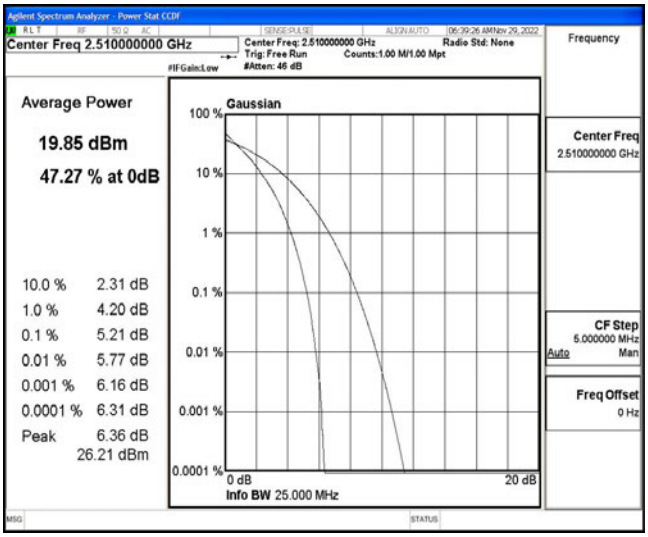
Band7-15MHz-16QAM-21100-75RB#0



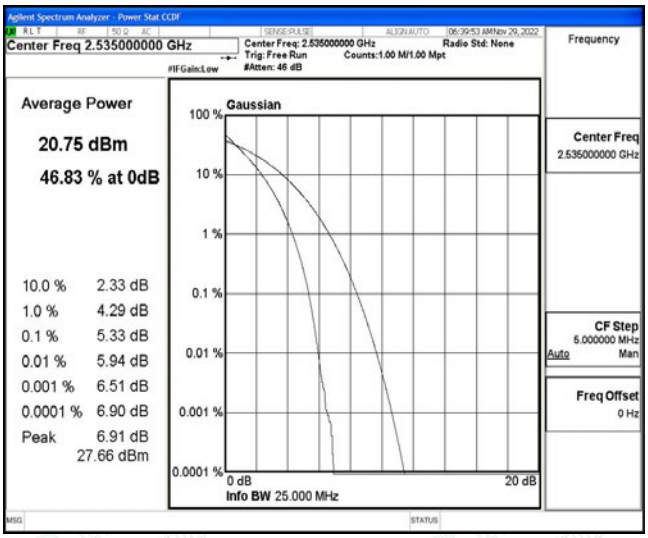
Band7-15MHz-16QAM-21375-75RB#0



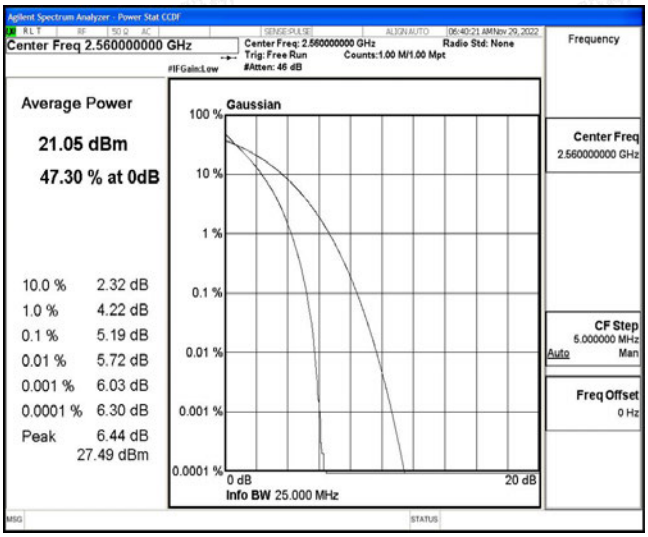
Band7-20MHz-QPSK-20850-100RB#0



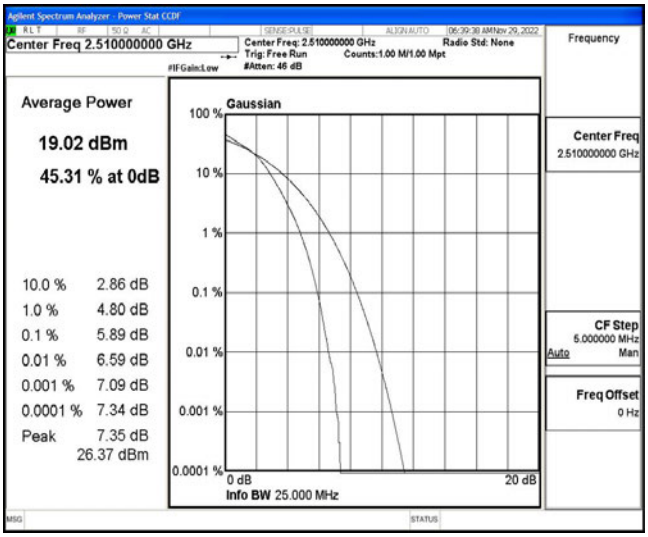
Band7-20MHz-QPSK-21100-100RB#0



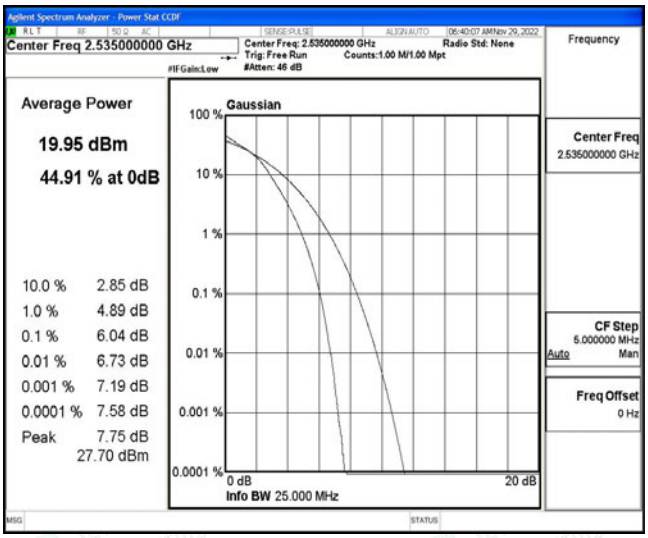
Band7-20MHz-QPSK-21350-100RB#0



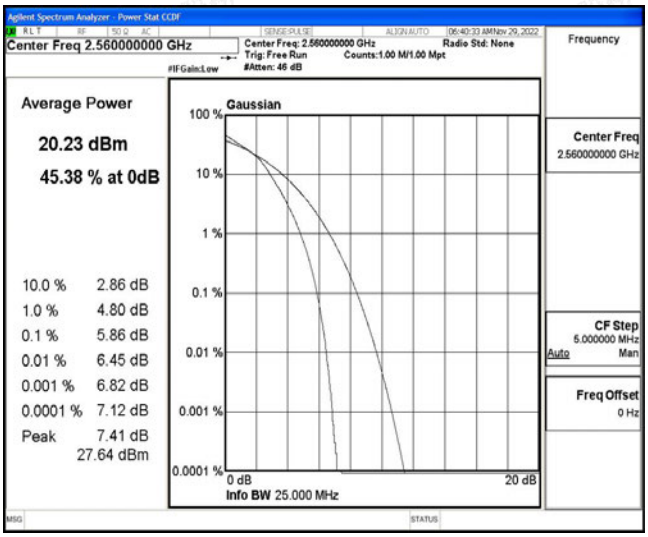
Band7-20MHz-16QAM-20850-100RB#0



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



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

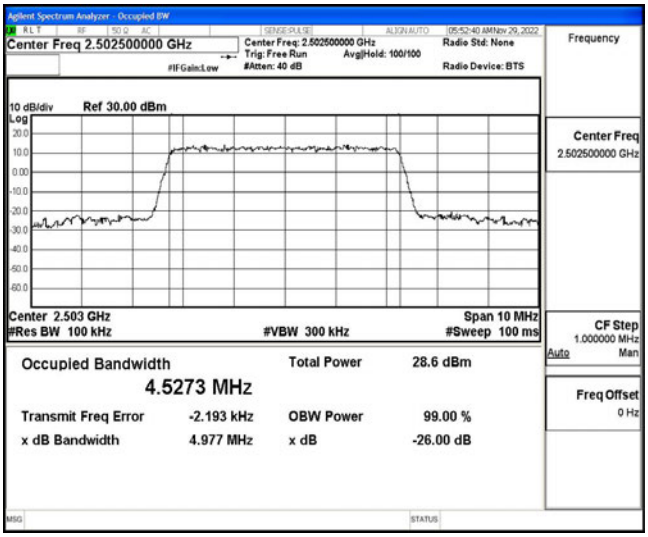

Agilent Spectrum Analyzer - Power Stat CCDF
Center Freq 2.560000000 GHz
Center Freq: 2.560000000 GHz
Trig: Free Run
#Atten: 46 dB
Counts:1.00 M/1.00 Mpt
Radio Std: None
Frequency
Average Power
20.23 dBm
45.38 % at 0dB
10.0 % 2.86 dB
1.0 % 4.80 dB
0.1 % 5.86 dB
0.01 % 6.45 dB
0.001 % 6.82 dB
0.0001 % 7.12 dB
Peak 7.41 dB
27.64 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

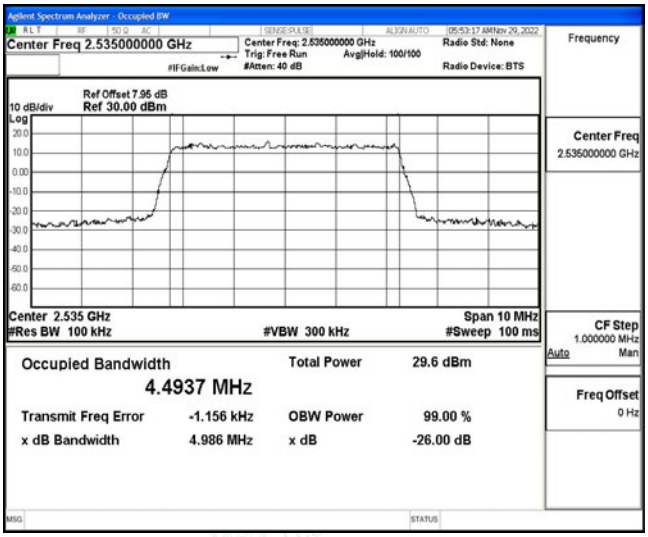
G.3 26dB Bandwidth and Occupied Bandwidth

Test Result

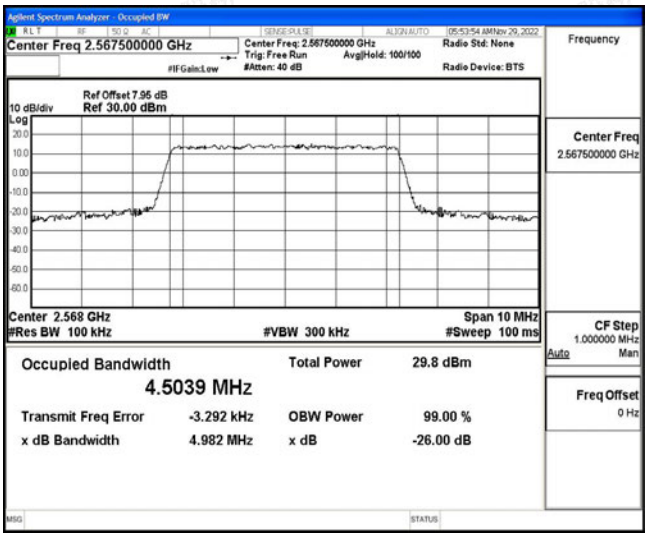
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	4.5273	4.977	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.4937	4.986	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5039	4.982	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5112	4.977	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5158	5.028	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5147	5.000	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9898	9.886	PASS
Band7	10MHz	QPSK	21100	50RB#0	8.9938	9.880	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9879	9.931	PASS
Band7	10MHz	16QAM	20800	50RB#0	8.9903	9.959	PASS
Band7	10MHz	16QAM	21100	50RB#0	8.9934	9.976	PASS
Band7	10MHz	16QAM	21400	50RB#0	9.0180	9.918	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.476	14.96	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.437	15.00	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.485	14.87	PASS
Band7	15MHz	16QAM	20825	75RB#0	13.504	14.95	PASS
Band7	15MHz	16QAM	21100	75RB#0	13.494	14.92	PASS
Band7	15MHz	16QAM	21375	75RB#0	13.505	15.08	PASS
Band7	20MHz	QPSK	20850	100RB#0	17.961	19.65	PASS
Band7	20MHz	QPSK	21100	100RB#0	17.992	19.85	PASS
Band7	20MHz	QPSK	21350	100RB#0	17.964	19.72	PASS
Band7	20MHz	16QAM	20850	100RB#0	17.955	19.75	PASS
Band7	20MHz	16QAM	21100	100RB#0	17.993	19.81	PASS
Band7	20MHz	16QAM	21350	100RB#0	18.009	19.98	PASS

Test Graphs

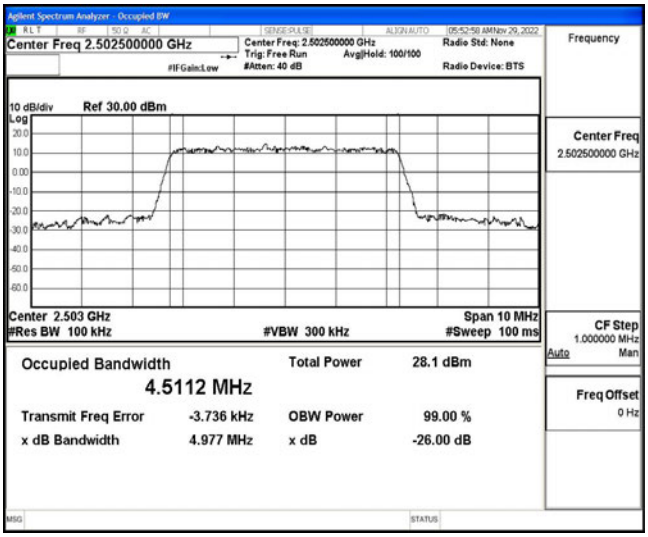
Band7-5MHz-QPSK-20775-25RB#0


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


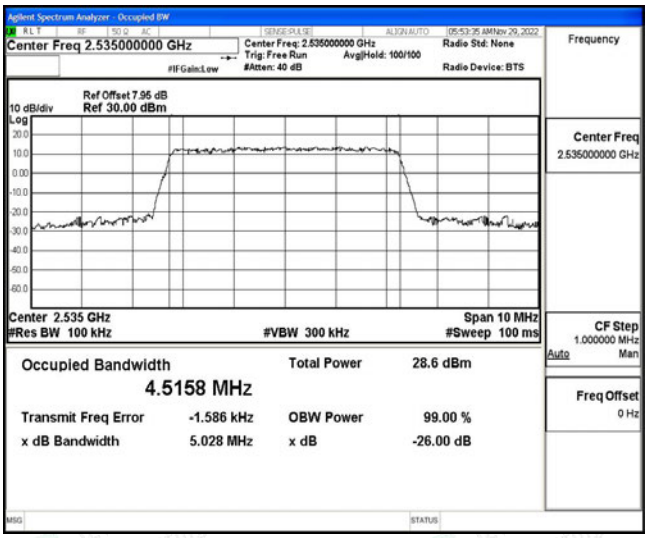
Band7-5MHz-QPSK-21425-25RB#0



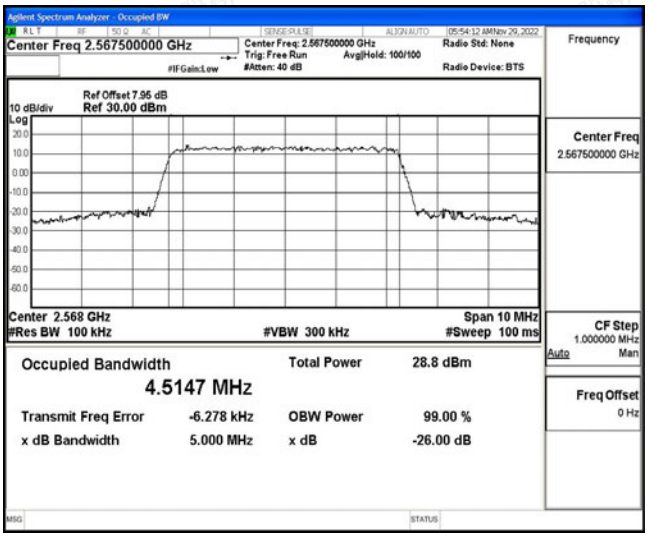
Band7-5MHz-16QAM-20775-25RB#0



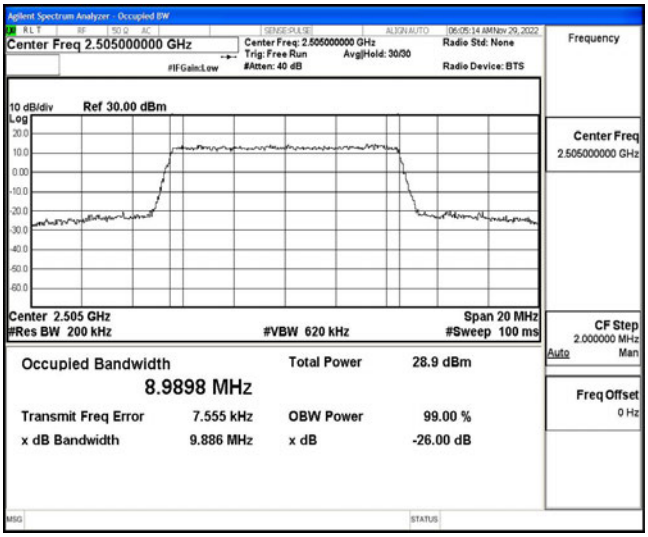
Band7-5MHz-16QAM-21100-25RB#0



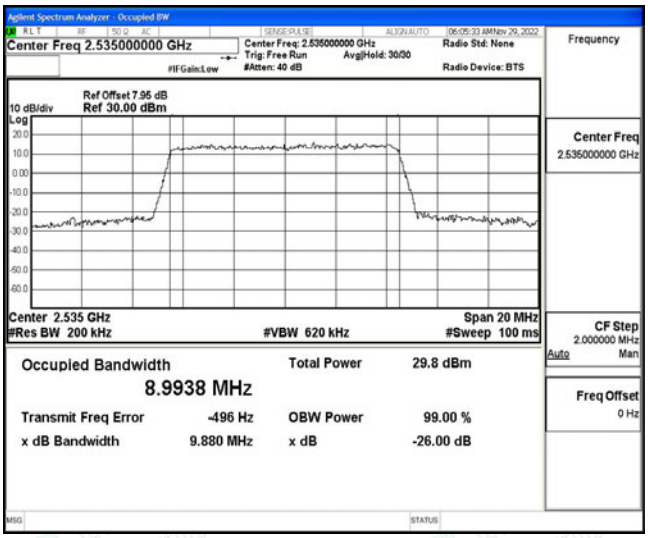
Band7-5MHz-16QAM-21425-25RB#0



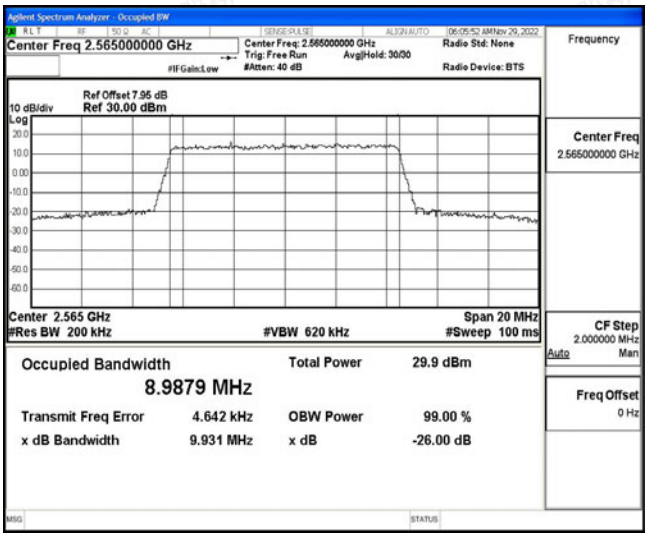
Band7-10MHz-QPSK-20800-50RB#0



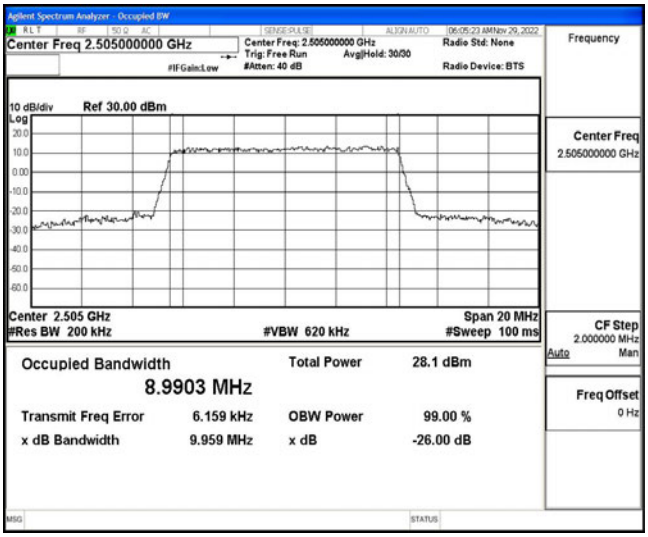
Band7-10MHz-QPSK-21100-50RB#0



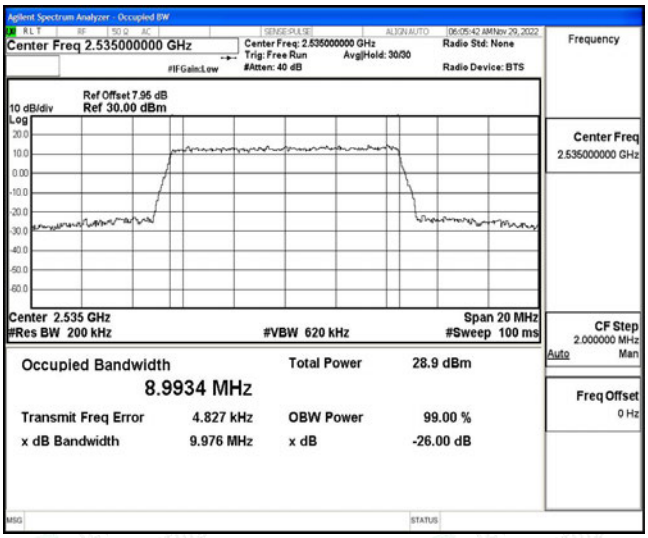
Band7-10MHz-QPSK-21400-50RB#0



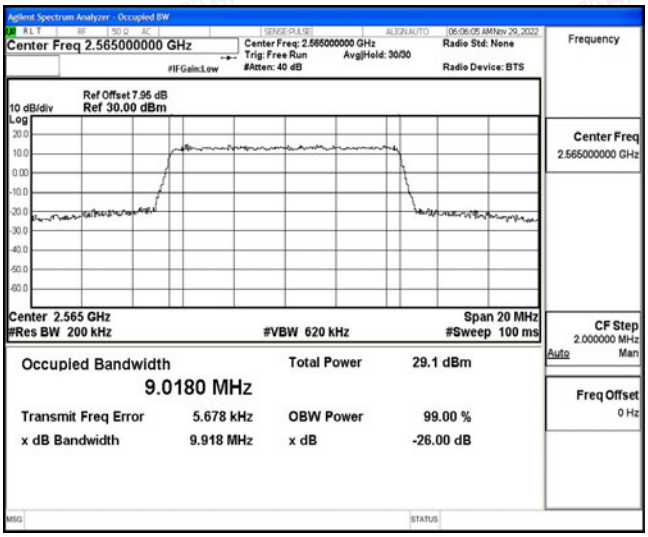
Band7-10MHz-16QAM-20800-50RB#0



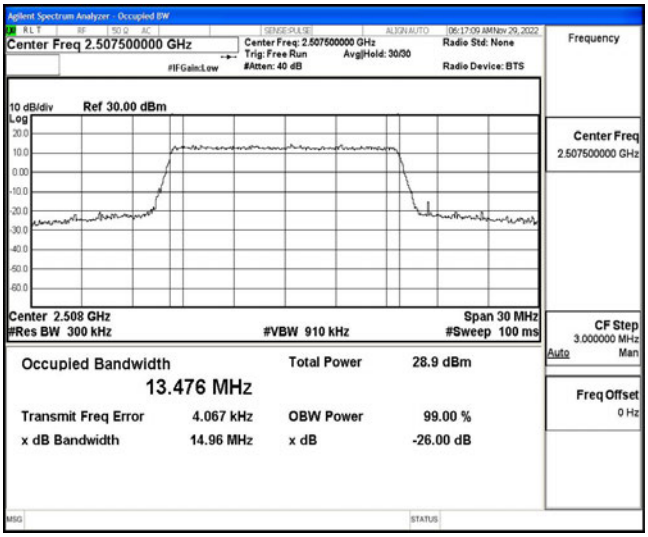
Band7-10MHz-16QAM-21100-50RB#0



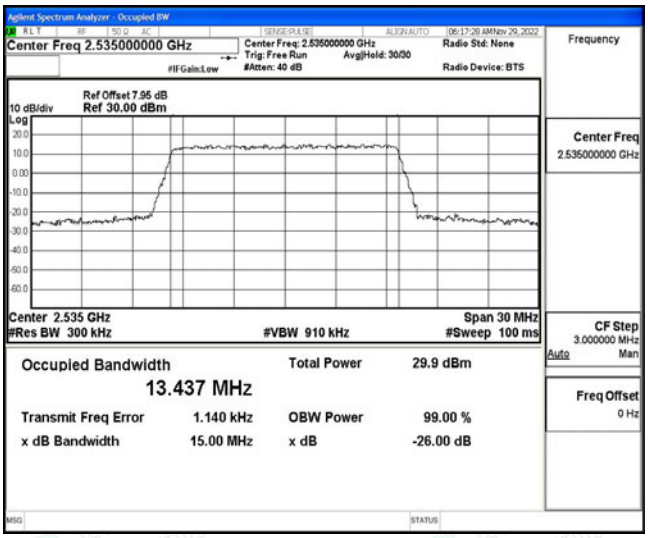
Band7-10MHz-16QAM-21400-50RB#0



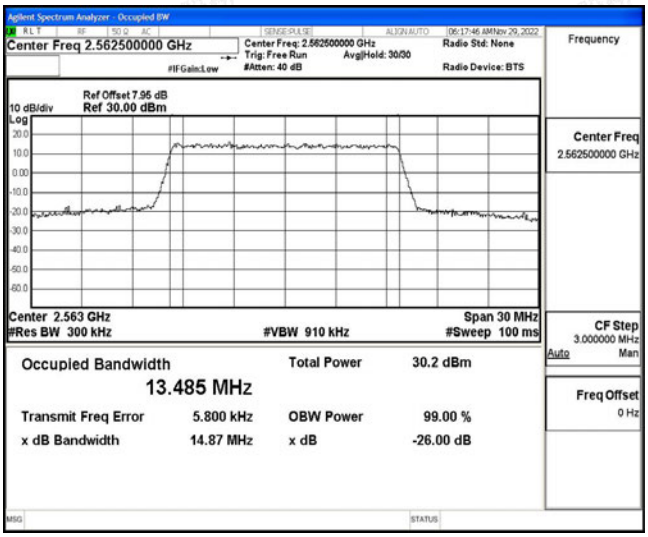
Band7-15MHz-QPSK-20825-75RB#0



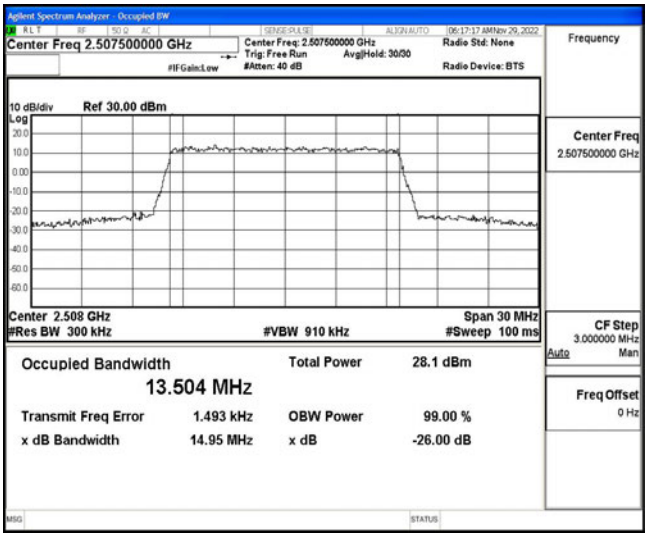
Band7-15MHz-QPSK-21100-75RB#0



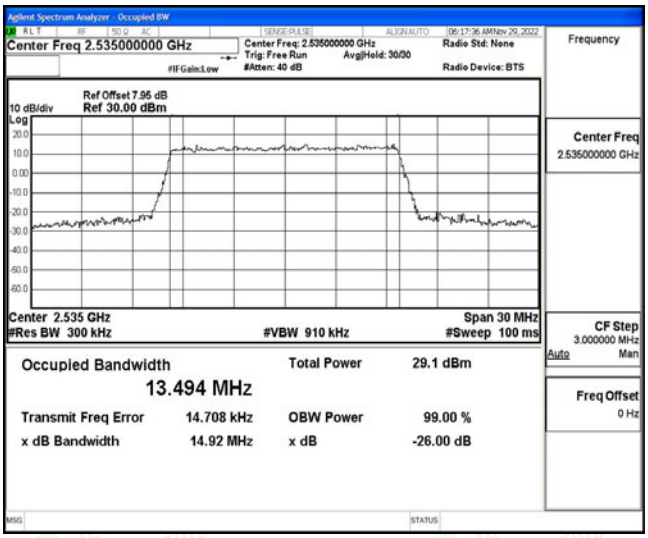
Band7-15MHz-QPSK-21375-75RB#0



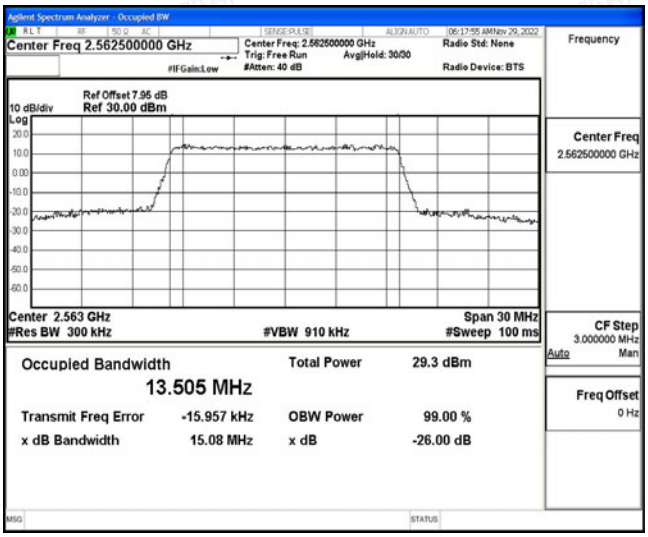
Band7-15MHz-16QAM-20825-75RB#0



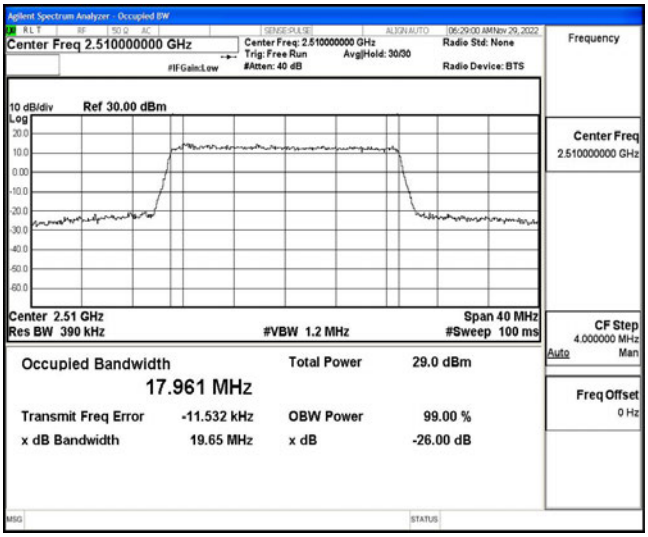
Band7-15MHz-16QAM-21100-75RB#0



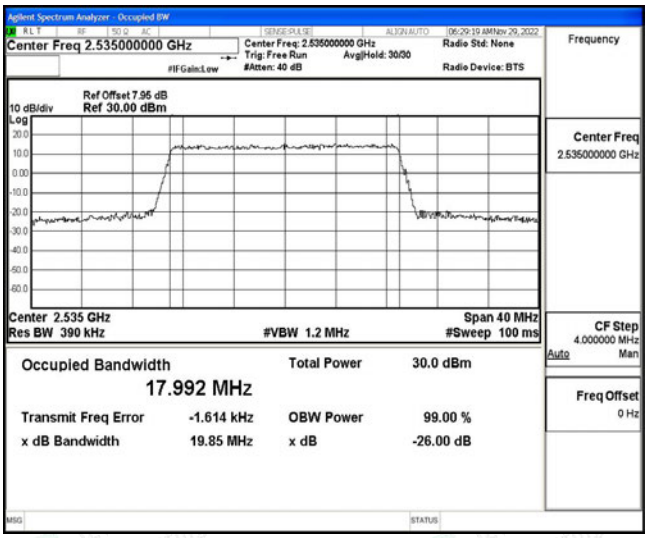
Band7-15MHz-16QAM-21375-75RB#0



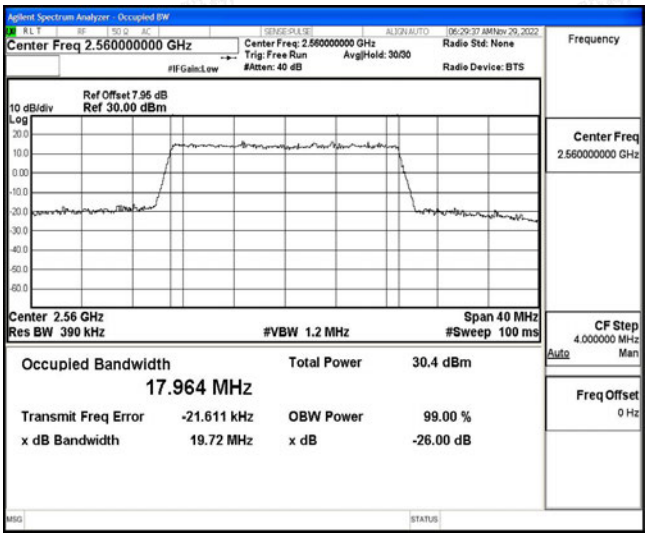
Band7-20MHz-QPSK-20850-100RB#0



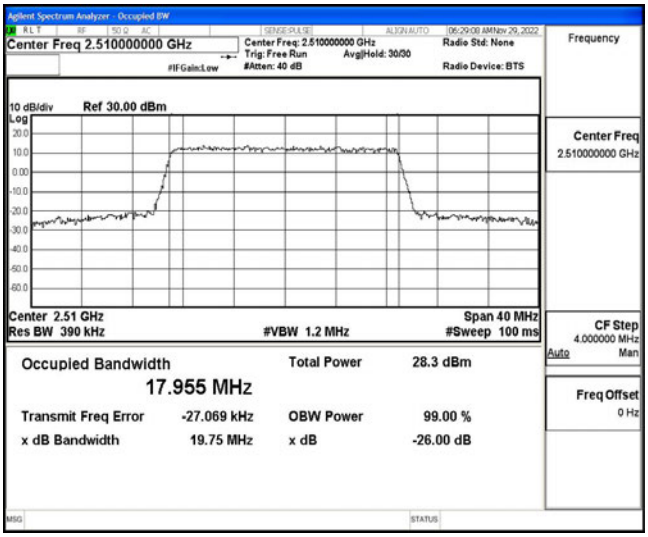
Band7-20MHz-QPSK-21100-100RB#0



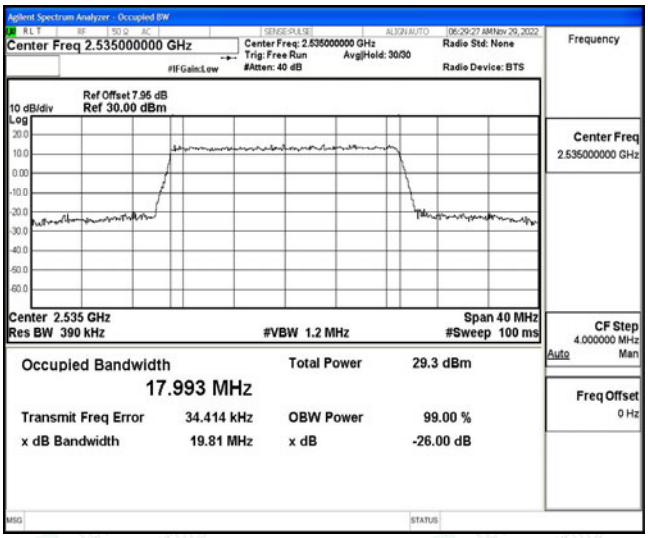
Band7-20MHz-QPSK-21350-100RB#0



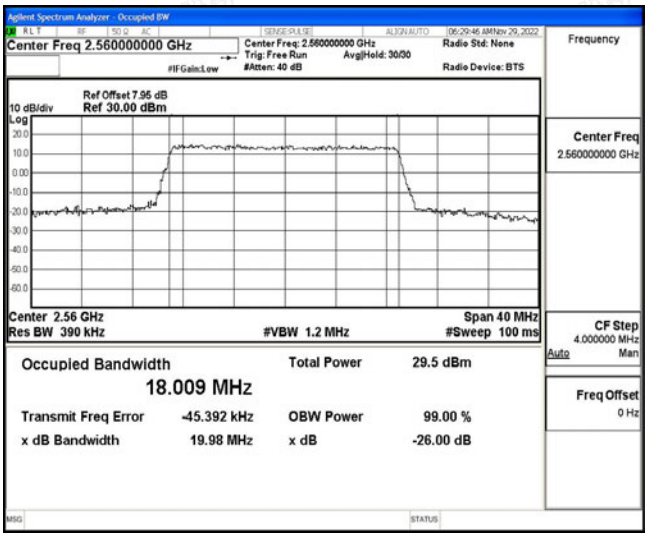
Band7-20MHz-16QAM-20850-100RB#0



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
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
Span 40 MHz
Res BW 390 kHz
#VBW 1.2 MHz
#Sweep 100 ms
CF Step
4.000000 MHz
Auto
Man
Occupied Bandwidth
18.009 MHz
Total Power
29.5 dBm
Transmit Freq Error
-45.392 kHz
OBW Power
99.00 %
x dB Bandwidth
19.98 MHz
x dB
-26.00 dB
Freq Offset
0 Hz

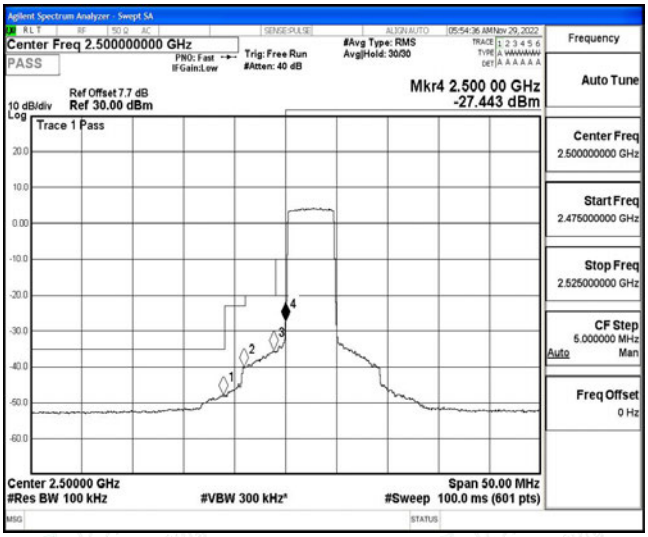
G.4 Band Edge

Test Result

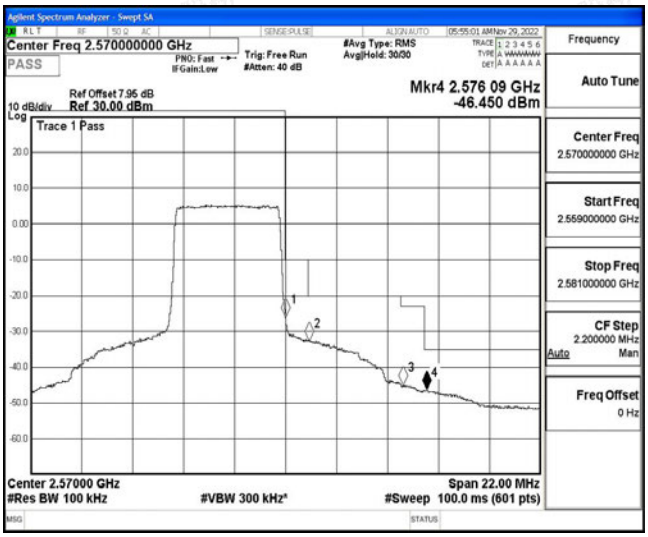
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band7	5MHz	QPSK	20775	25RB#0	-47.86,-40.19,-35.44,-27.44	PASS
Band7	5MHz	QPSK	21425	25RB#0	-26.12,-32.67,-45.14,-46.45	PASS
Band7	5MHz	16QAM	20775	25RB#0	-48.54,-42.95,-36.45,-28.35	PASS
Band7	5MHz	16QAM	21425	25RB#0	-26.80,-33.76,-45.48,-47.46	PASS
Band7	10MHz	QPSK	20800	50RB#0	-45.68,-37.23,-34.26,-30.73	PASS
Band7	10MHz	QPSK	21400	50RB#0	-28.28,-31.90,-35.15,-44.80	PASS
Band7	10MHz	16QAM	20800	50RB#0	-45.72,-38.86,-35.81,-31.83	PASS
Band7	10MHz	16QAM	21400	50RB#0	-30.24,-33.41,-37.21,-45.32	PASS
Band7	15MHz	QPSK	20825	75RB#0	-39.04,-34.85,-32.67,-30.68	PASS
Band7	15MHz	QPSK	21375	75RB#0	-28.06,-29.69,-31.58,-43.88	PASS
Band7	15MHz	16QAM	20825	75RB#0	-41.12,-36.34,-34.26,-31.58	PASS
Band7	15MHz	16QAM	21375	75RB#0	-30.46,-32.13,-34.51,-44.49	PASS
Band7	20MHz	QPSK	20850	100RB#0	-37.74,-35.30,-33.83,-31.97	PASS
Band7	20MHz	QPSK	21350	100RB#0	-29.46,-31.38,-33.03,-44.36	PASS
Band7	20MHz	16QAM	20850	100RB#0	-39.13,-36.41,-35.03,-32.71	PASS
Band7	20MHz	16QAM	21350	100RB#0	-31.03,-32.93,-34.67,-44.54	PASS

Test Graphs

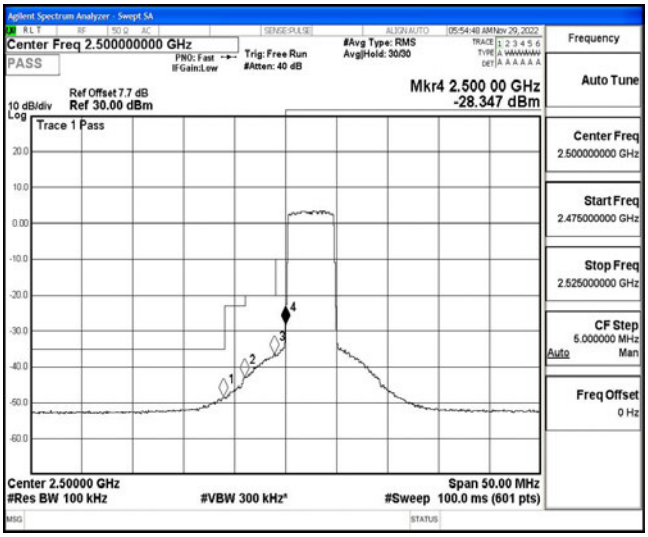
Band7-5MHz-QPSK-20775-25RB#0



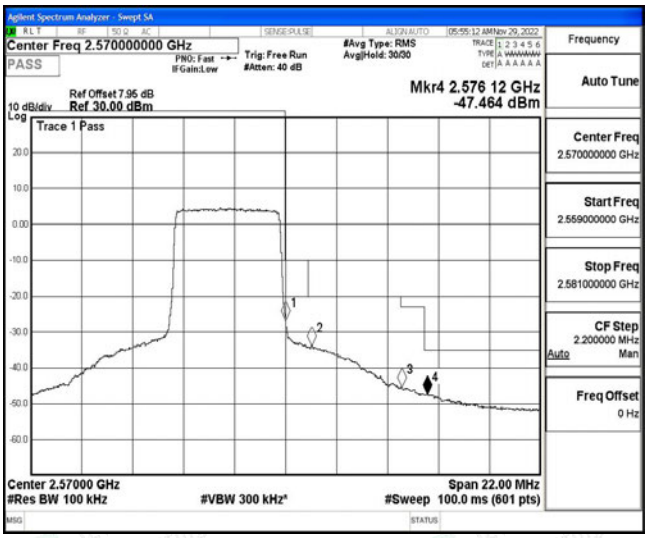
Band7-5MHz-QPSK-21425-25RB#0



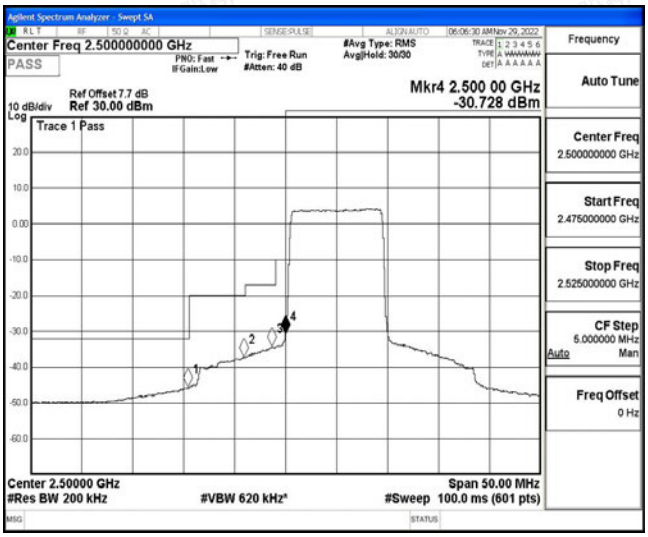
Band7-5MHz-16QAM-20775-25RB#0



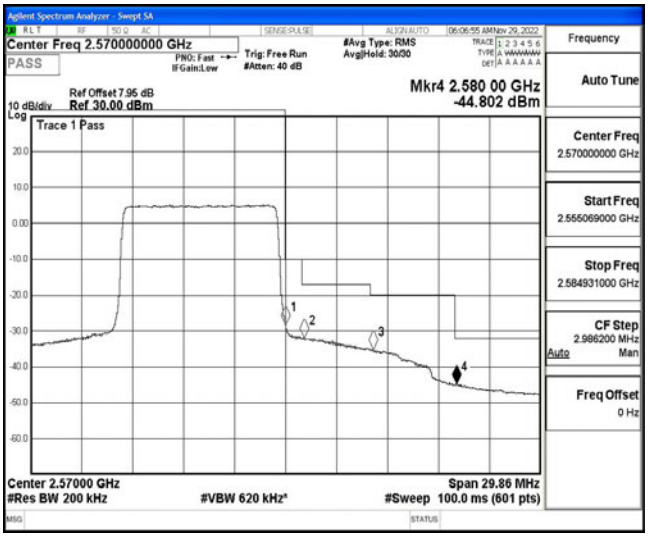
Band7-5MHz-16QAM-21425-25RB#0



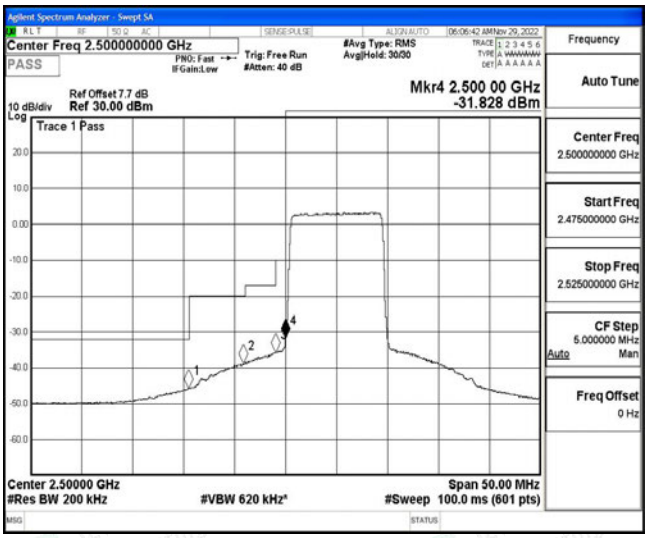
Band7-10MHz-QPSK-20800-50RB#0



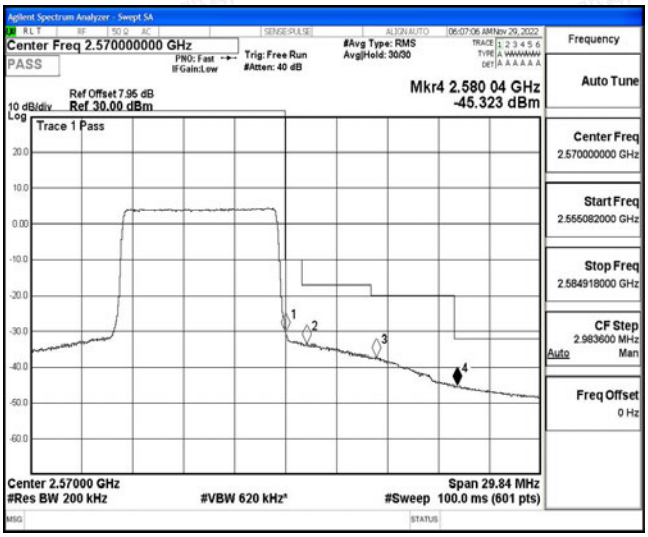
Band7-10MHz-QPSK-21400-50RB#0



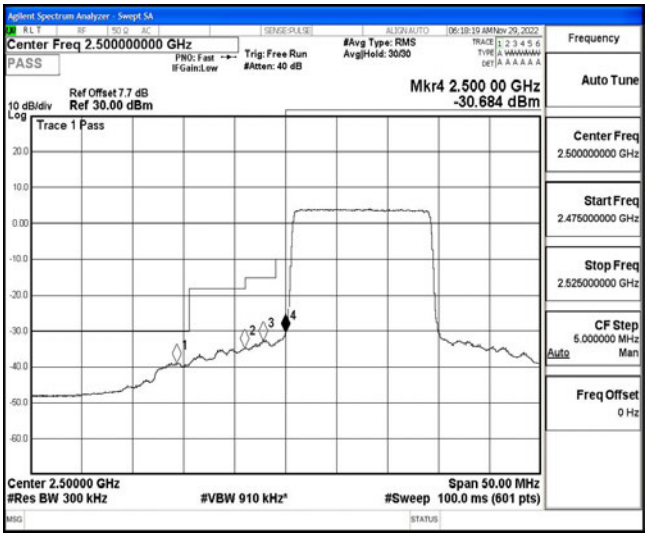
Band7-10MHz-16QAM-20800-50RB#0



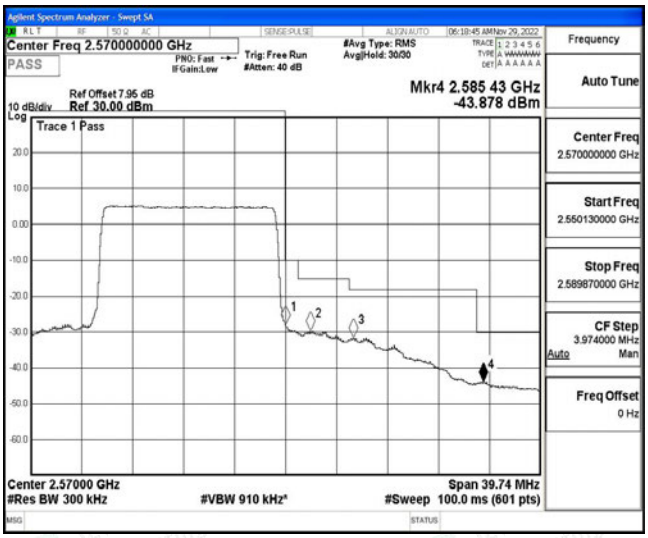
Band7-10MHz-16QAM-21400-50RB#0



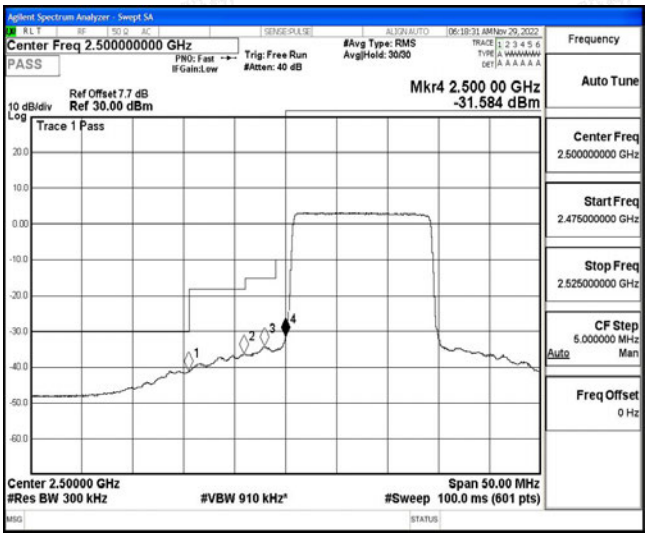
Band7-15MHz-QPSK-20825-75RB#0



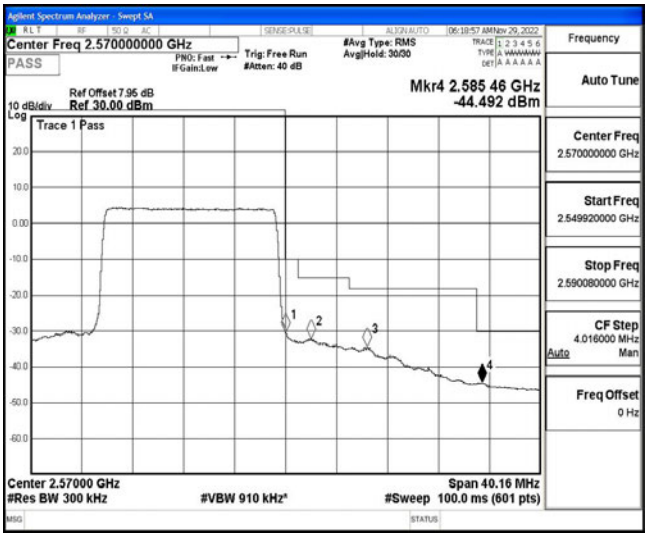
Band7-15MHz-QPSK-21375-75RB#0



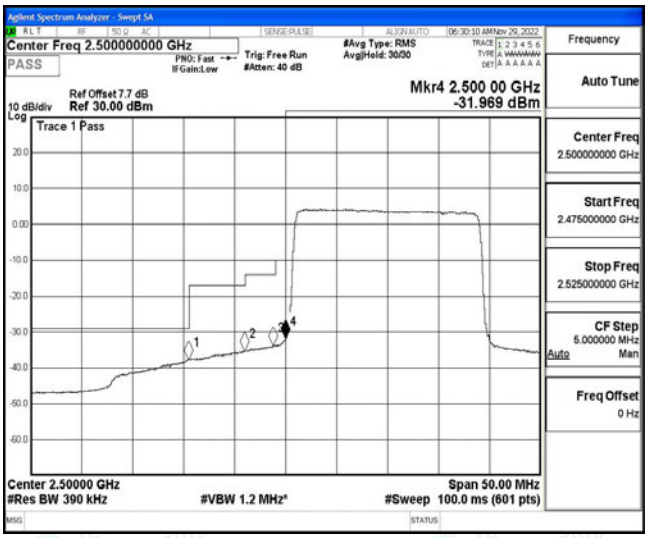
Band7-15MHz-16QAM-20825-75RB#0



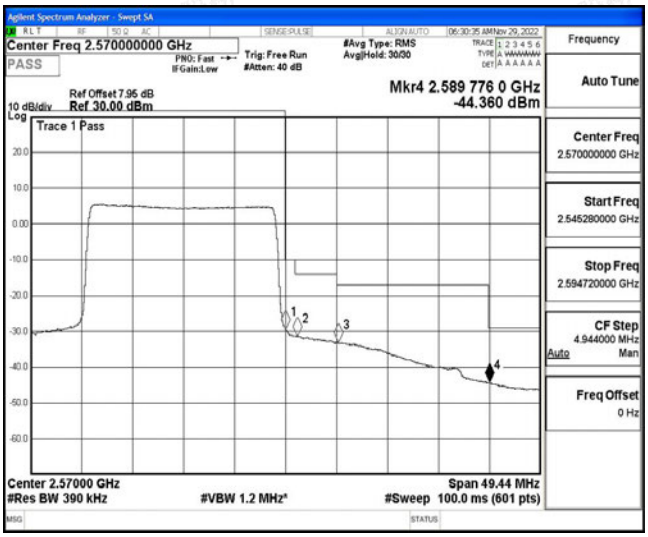
Band7-15MHz-16QAM-21375-75RB#0



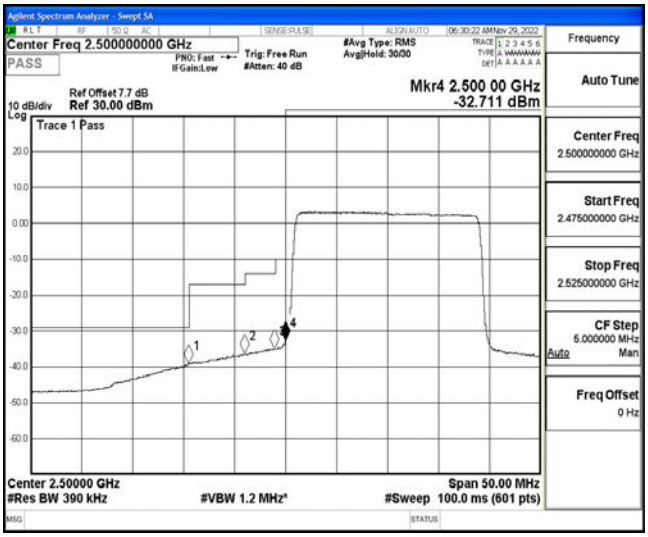
Band7-20MHz-QPSK-20850-100RB#0



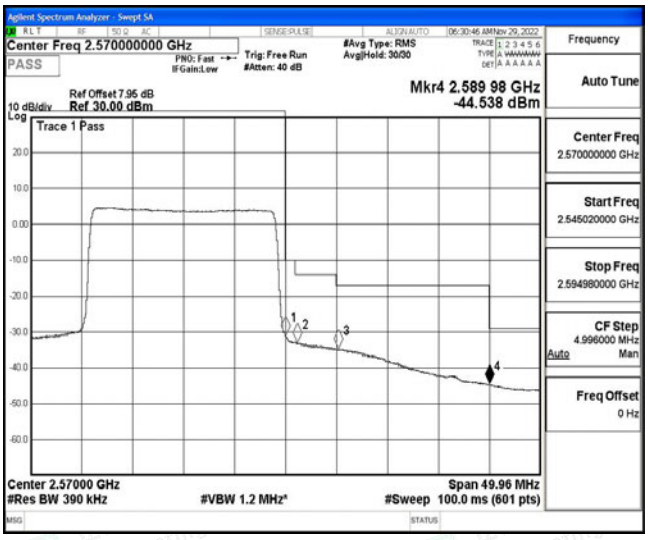
Band7-20MHz-QPSK-21350-100RB#0



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



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



G.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	-64.41	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range2:0.15~30MHz	-51.89	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range3:30~1000MHz	-41.18	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range4:1000~10000MHz	-45.04	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range5:10000~20000MHz	-49.26	PASS
Band7	5MHz	QPSK	20775	1RB#0	Range6:20000~26500MHz	-37.01	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-65.03	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-50.87	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-41.9	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range4:1000~10000MHz	-44.98	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range5:10000~20000MHz	-49.15	PASS
Band7	5MHz	QPSK	21100	1RB#0	Range6:20000~26500MHz	-37.19	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range1:0.009~0.15MHz	-65.87	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range2:0.15~30MHz	-51.08	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range3:30~1000MHz	-42.24	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range4:1000~10000MHz	-45.03	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range5:10000~20000MHz	-49.16	PASS
Band7	5MHz	QPSK	21425	1RB#0	Range6:20000~26500MHz	-37.13	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range1:0.009~0.15MHz	-64.83	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range2:0.15~30MHz	-51.78	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range3:30~1000MHz	-42.47	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range4:1000~10000MHz	-44.92	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range5:10000~20000MHz	-49.28	PASS
Band7	5MHz	16QAM	20775	1RB#0	Range6:20000~26500MHz	-37.14	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-61.83	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-52.16	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-40.89	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range4:1000~10000MHz	-44.96	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range5:10000~20000MHz	-49.17	PASS
Band7	5MHz	16QAM	21100	1RB#0	Range6:20000~26500MHz	-37.3	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range1:0.009~0.15MHz	-63.64	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range2:0.15~30MHz	-51.44	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range3:30~1000MHz	-40.93	PASS

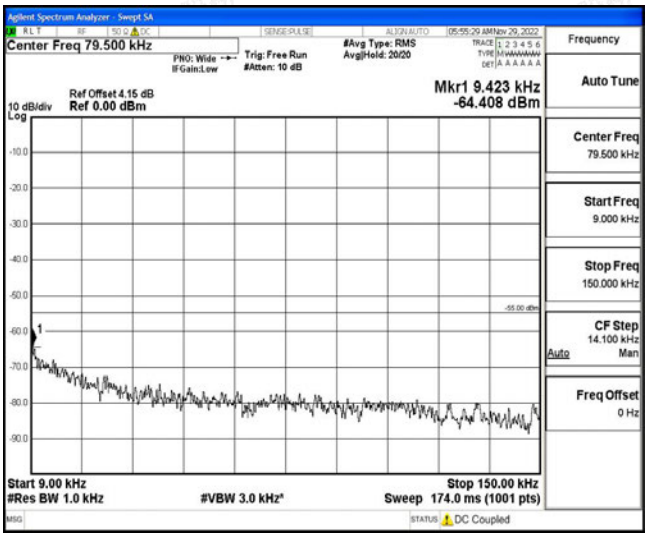
Band7	5MHz	16QAM	21425	1RB#0	Range4:1000~10000MHz	-44.94	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range5:10000~20000MHz	-49.07	PASS
Band7	5MHz	16QAM	21425	1RB#0	Range6:20000~26500MHz	-37.05	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range1:0.009~0.15MHz	-64.96	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range2:0.15~30MHz	-52	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range3:30~1000MHz	-42.5	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range4:1000~10000MHz	-45.06	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range5:10000~20000MHz	-49.21	PASS
Band7	10MHz	QPSK	20800	1RB#0	Range6:20000~26500MHz	-36.99	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-64.83	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-50.22	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-41.78	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range4:1000~10000MHz	-45.07	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range5:10000~20000MHz	-49.33	PASS
Band7	10MHz	QPSK	21100	1RB#0	Range6:20000~26500MHz	-37.09	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range1:0.009~0.15MHz	-63.11	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range2:0.15~30MHz	-50.89	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range3:30~1000MHz	-42.3	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range4:1000~10000MHz	-45.08	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range5:10000~20000MHz	-49.3	PASS
Band7	10MHz	QPSK	21400	1RB#0	Range6:20000~26500MHz	-37.1	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range1:0.009~0.15MHz	-63.67	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range2:0.15~30MHz	-51.08	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range3:30~1000MHz	-41.66	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range4:1000~10000MHz	-45.06	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range5:10000~20000MHz	-49.29	PASS
Band7	10MHz	16QAM	20800	1RB#0	Range6:20000~26500MHz	-37.12	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-65.9	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-52.7	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-41.04	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range4:1000~10000MHz	-45.06	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range5:10000~20000MHz	-49.27	PASS
Band7	10MHz	16QAM	21100	1RB#0	Range6:20000~26500MHz	-37.25	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range1:0.009~0.15MHz	-64.85	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range2:0.15~30MHz	-51.14	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range3:30~1000MHz	-41.7	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range4:1000~10000MHz	-45.08	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range5:10000~20000MHz	-49.28	PASS
Band7	10MHz	16QAM	21400	1RB#0	Range6:20000~26500MHz	-37.17	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range1:0.009~0.15MHz	-65.27	PASS

Band7	15MHz	QPSK	20825	1RB#0	Range2:0.15~30MHz	-51.26	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range3:30~1000MHz	-41.81	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range4:1000~10000MHz	-45.06	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range5:10000~20000MHz	-49.35	PASS
Band7	15MHz	QPSK	20825	1RB#0	Range6:20000~26500MHz	-36.97	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-66.04	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-50.96	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-40.79	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range5:10000~20000MHz	-49.27	PASS
Band7	15MHz	QPSK	21100	1RB#0	Range6:20000~26500MHz	-37.2	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range1:0.009~0.15MHz	-63.96	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range2:0.15~30MHz	-49.65	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range3:30~1000MHz	-41.91	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range4:1000~10000MHz	-44.95	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range5:10000~20000MHz	-49.21	PASS
Band7	15MHz	QPSK	21375	1RB#0	Range6:20000~26500MHz	-36.95	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range1:0.009~0.15MHz	-66.28	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range2:0.15~30MHz	-50.45	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range3:30~1000MHz	-41.8	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range4:1000~10000MHz	-45.08	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range5:10000~20000MHz	-49.3	PASS
Band7	15MHz	16QAM	20825	1RB#0	Range6:20000~26500MHz	-37.1	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-64.72	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-49.88	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-41.18	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range4:1000~10000MHz	-44.87	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range5:10000~20000MHz	-49.32	PASS
Band7	15MHz	16QAM	21100	1RB#0	Range6:20000~26500MHz	-37.01	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range1:0.009~0.15MHz	-64.33	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range2:0.15~30MHz	-51.7	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range3:30~1000MHz	-41.74	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range4:1000~10000MHz	-45.04	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range5:10000~20000MHz	-49.17	PASS
Band7	15MHz	16QAM	21375	1RB#0	Range6:20000~26500MHz	-37.23	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range1:0.009~0.15MHz	-65.87	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range2:0.15~30MHz	-51.71	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range3:30~1000MHz	-41.43	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range4:1000~10000MHz	-45	PASS
Band7	20MHz	QPSK	20850	1RB#0	Range5:10000~20000MHz	-49.29	PASS

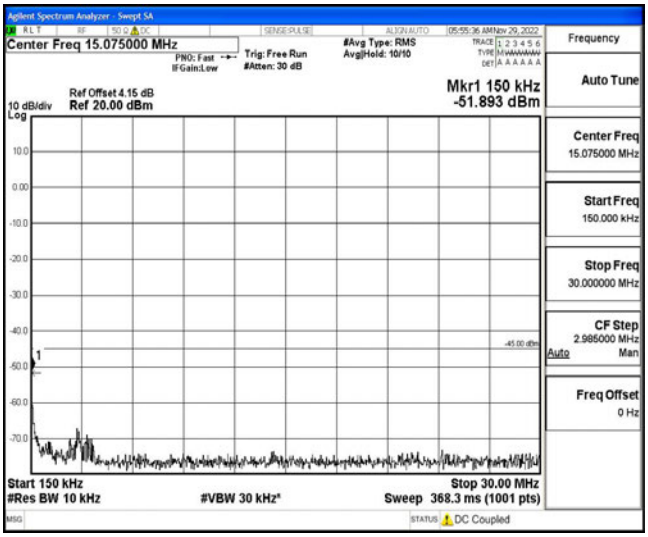
Band7	20MHz	QPSK	20850	1RB#0	Range6:20000~26500MHz	-37.09	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range1:0.009~0.15MHz	-64.91	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range2:0.15~30MHz	-50.21	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range3:30~1000MHz	-41.28	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range4:1000~10000MHz	-45.05	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range5:10000~20000MHz	-49.32	PASS
Band7	20MHz	QPSK	21100	1RB#0	Range6:20000~26500MHz	-37.22	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range1:0.009~0.15MHz	-65.21	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range2:0.15~30MHz	-49.57	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range3:30~1000MHz	-41.6	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range4:1000~10000MHz	-45.02	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range5:10000~20000MHz	-49.31	PASS
Band7	20MHz	QPSK	21350	1RB#0	Range6:20000~26500MHz	-37.18	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range1:0.009~0.15MHz	-66.35	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range2:0.15~30MHz	-53.01	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range3:30~1000MHz	-42.17	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range4:1000~10000MHz	-45.01	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range5:10000~20000MHz	-49.19	PASS
Band7	20MHz	16QAM	20850	1RB#0	Range6:20000~26500MHz	-37.14	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range1:0.009~0.15MHz	-65.97	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range2:0.15~30MHz	-51.15	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range3:30~1000MHz	-42.3	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range4:1000~10000MHz	-45.02	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range5:10000~20000MHz	-49.13	PASS
Band7	20MHz	16QAM	21100	1RB#0	Range6:20000~26500MHz	-37.18	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range1:0.009~0.15MHz	-63.83	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range2:0.15~30MHz	-52.88	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range3:30~1000MHz	-41.74	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range4:1000~10000MHz	-45.09	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range5:10000~20000MHz	-49.21	PASS
Band7	20MHz	16QAM	21350	1RB#0	Range6:20000~26500MHz	-37.13	PASS

Test Graphs

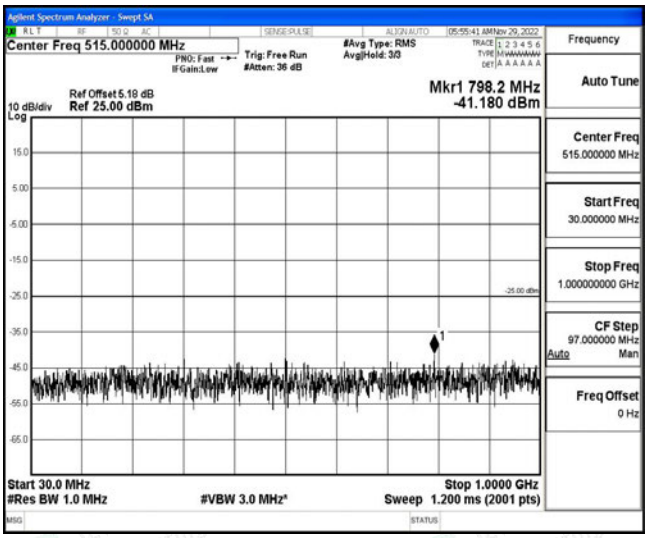
Band7-5MHz-QPSK-20775-1RB#0-Range1:0.009~0.15MHz



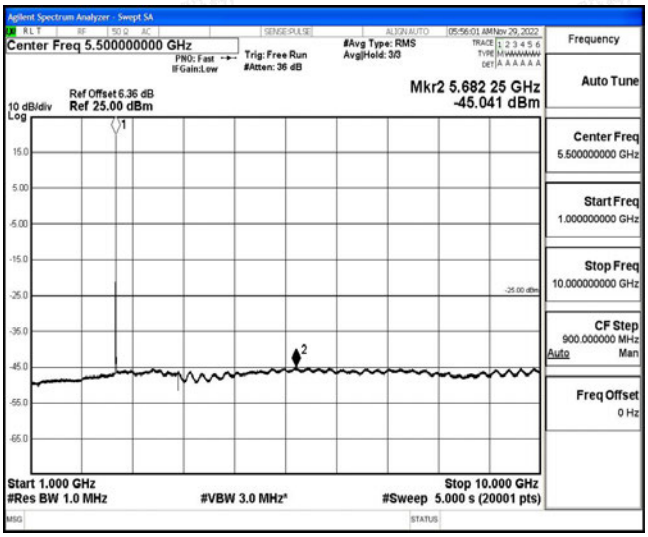
Band7-5MHz-QPSK-20775-1RB#0-Range2:0.15~30MHz



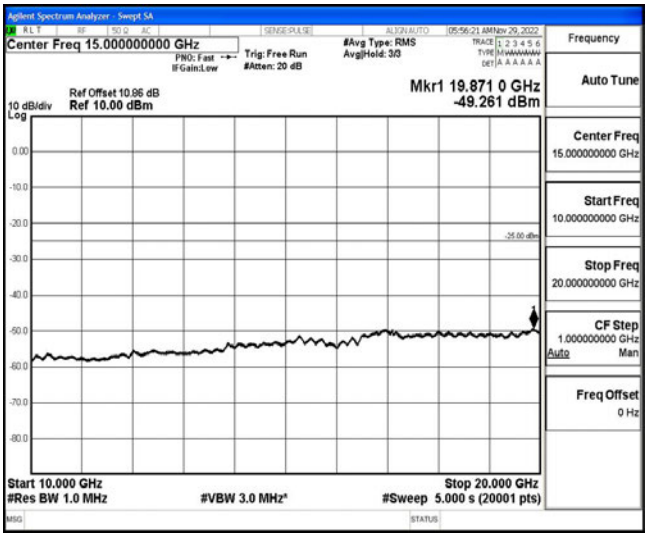
Band7-5MHz-QPSK-20775-1RB#0-Range3:30~1000MHz



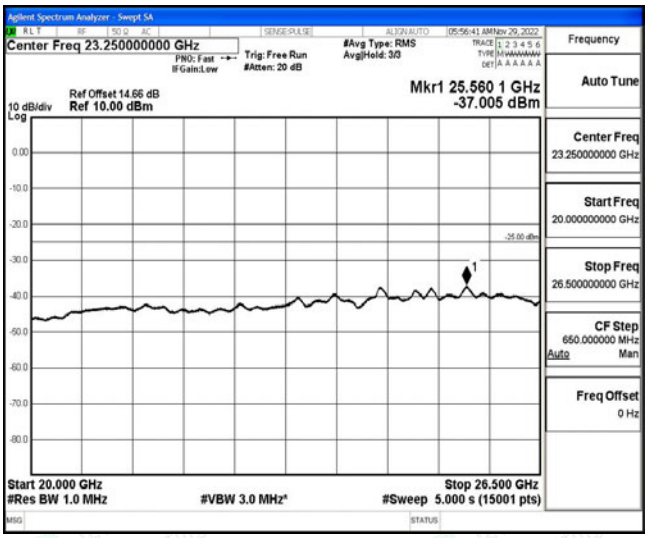
Band7-5MHz-QPSK-20775-1RB#0-Range4:1000~10000MHz



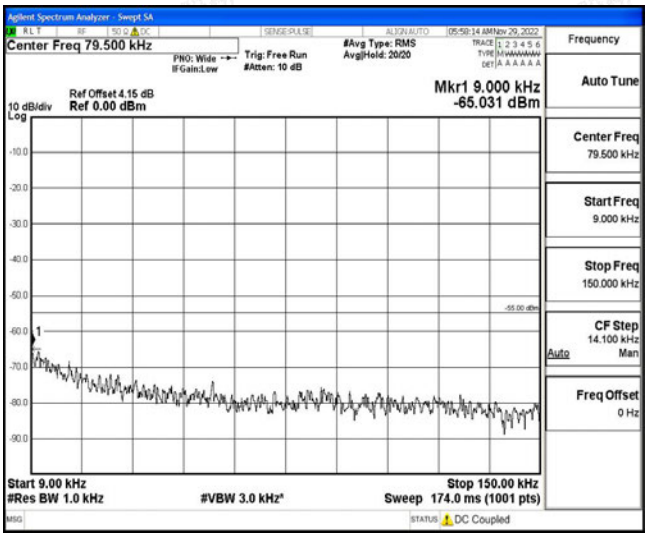
Band7-5MHz-QPSK-20775-1RB#0-Range5:10000~20000MHz



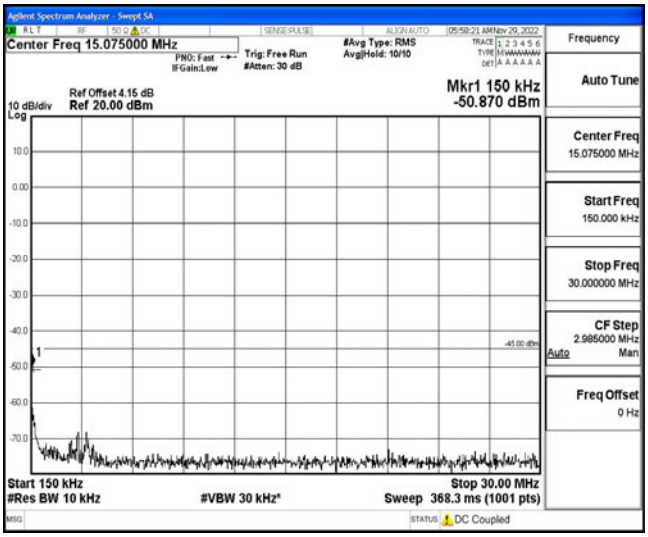
Band7-5MHz-QPSK-20775-1RB#0-Range6:20000~26500MHz



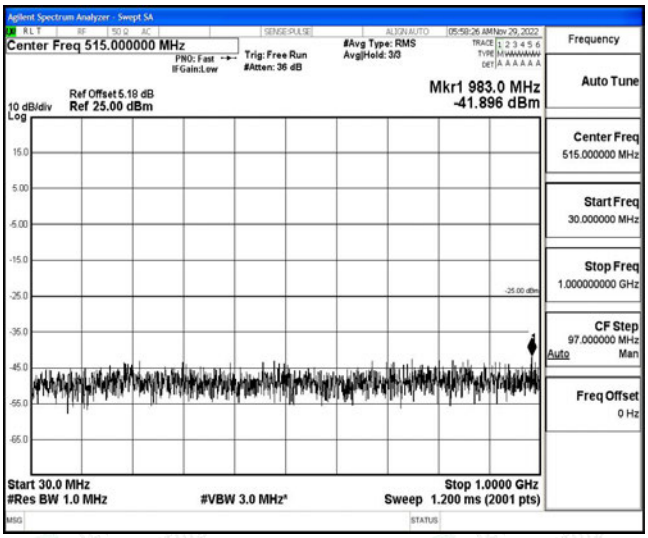
Band7-5MHz-QPSK-21100-1RB#0-Range1:0.009~0.15MHz



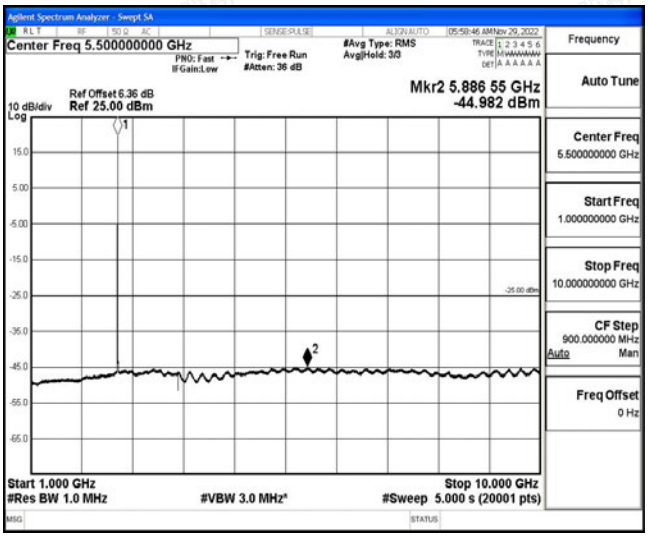
Band7-5MHz-QPSK-21100-1RB#0-Range2:0.15~30MHz



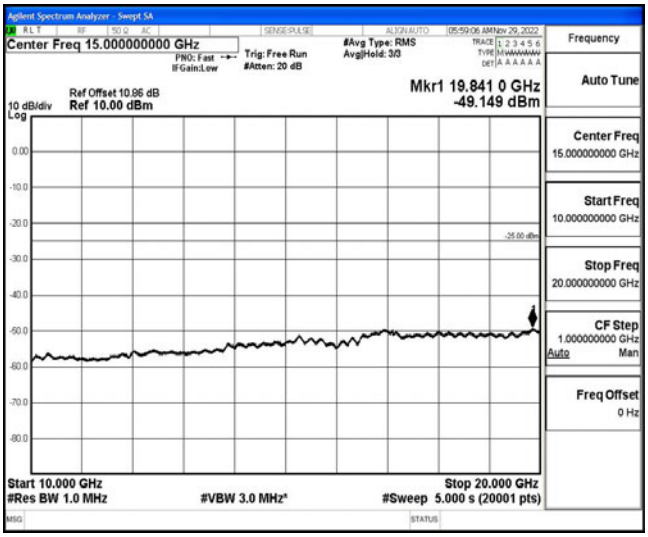
Band7-5MHz-QPSK-21100-1RB#0-Range3:30~1000MHz



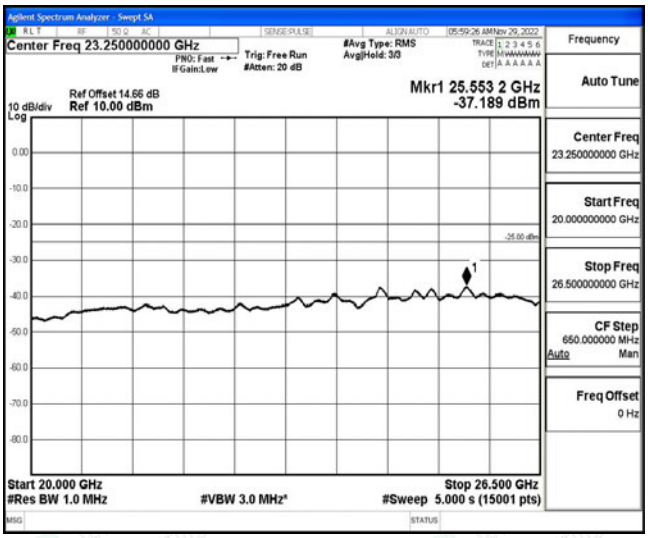
Band7-5MHz-QPSK-21100-1RB#0-Range4:1000~10000MHz



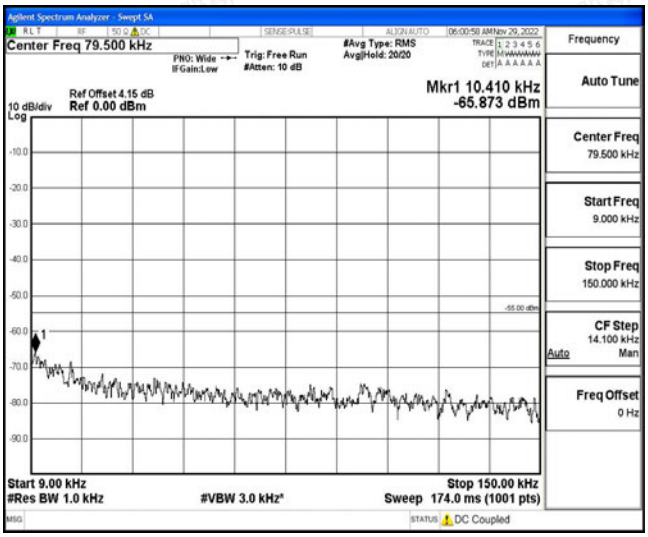
Band7-5MHz-QPSK-21100-1RB#0-Range5:10000~20000MHz



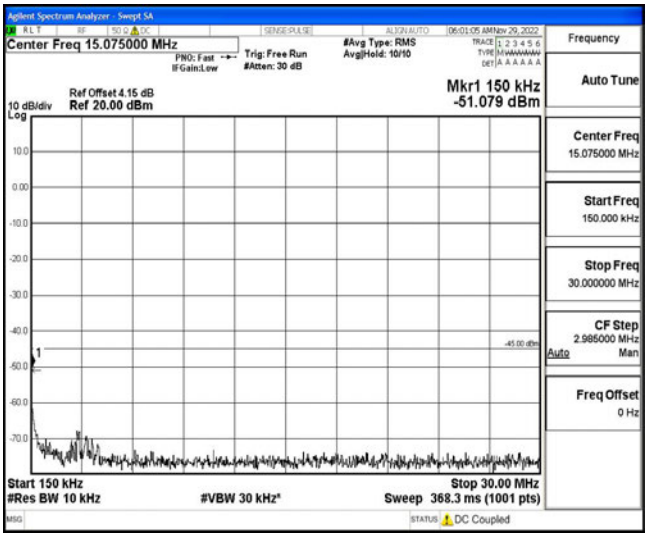
Band7-5MHz-QPSK-21100-1RB#0-Range6:20000~26500MHz



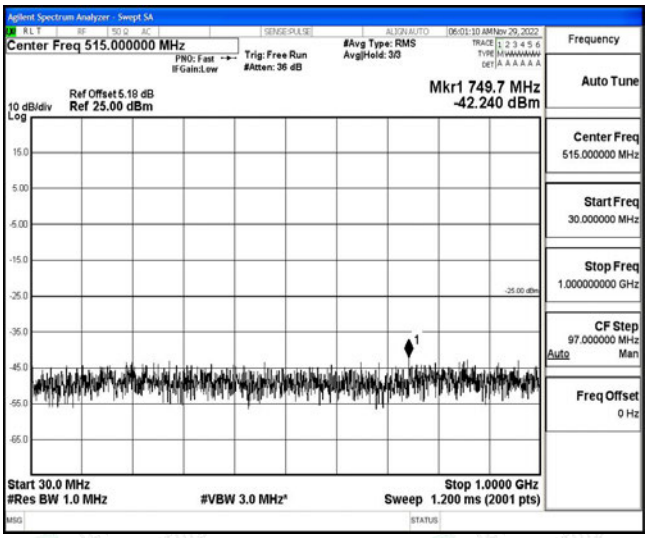
Band7-5MHz-QPSK-21425-1RB#0-Range1:0.009~0.15MHz



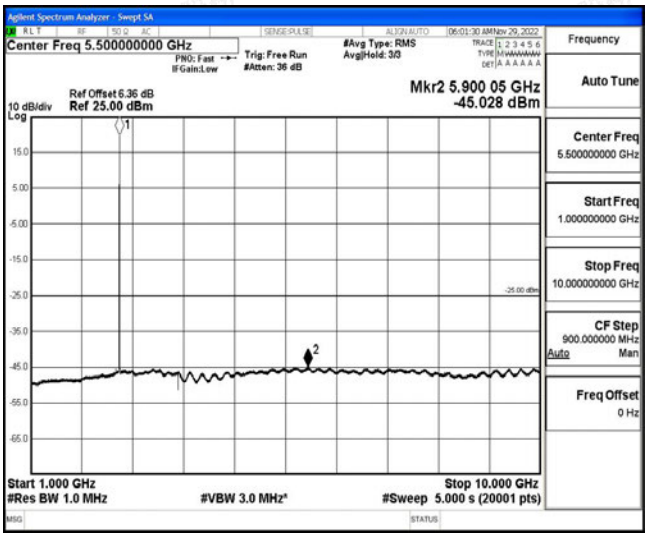
Band7-5MHz-QPSK-21425-1RB#0-Range2:0.15~30MHz



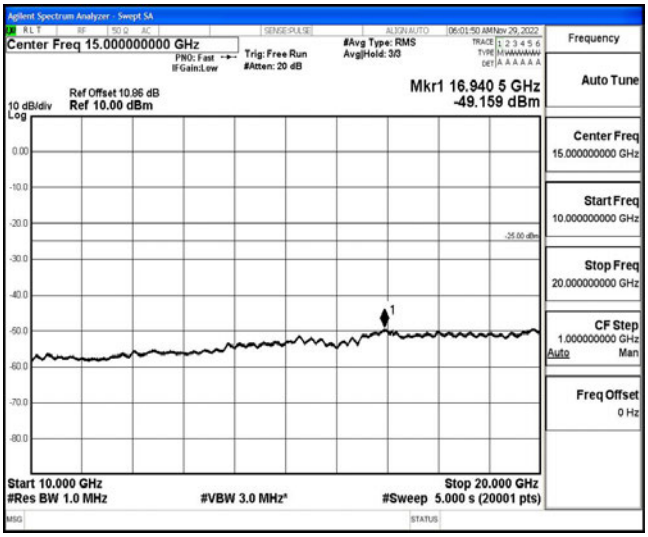
Band7-5MHz-QPSK-21425-1RB#0-Range3:30~1000MHz



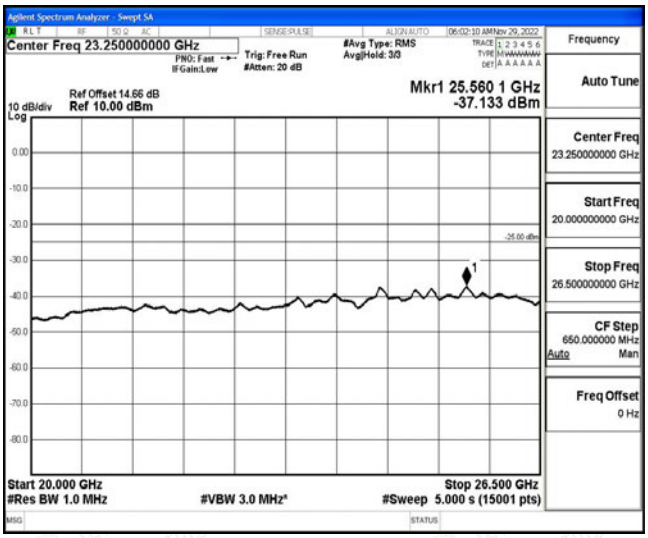
Band7-5MHz-QPSK-21425-1RB#0-Range4:1000~10000MHz



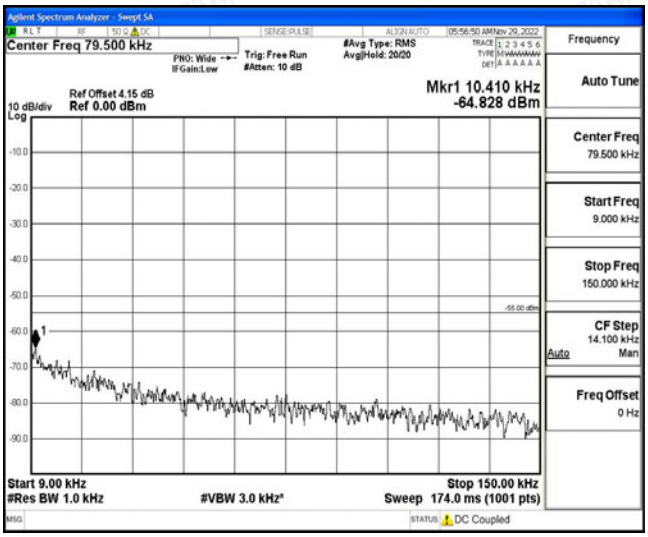
Band7-5MHz-QPSK-21425-1RB#0-Range5:10000~20000MHz



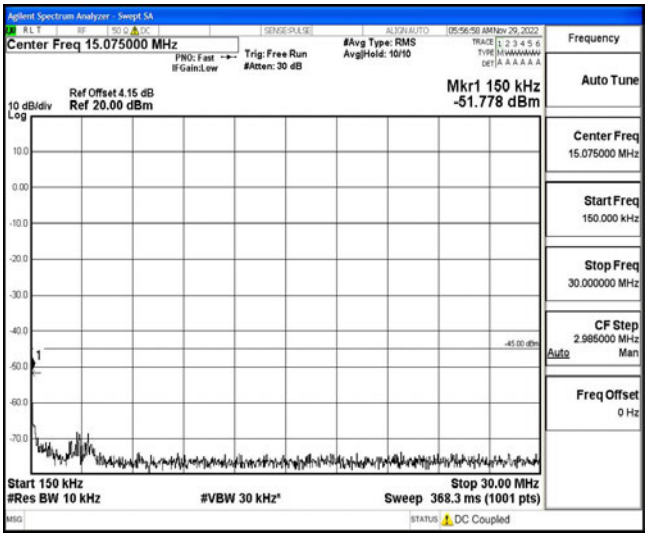
Band7-5MHz-QPSK-21425-1RB#0-Range6:20000~26500MHz



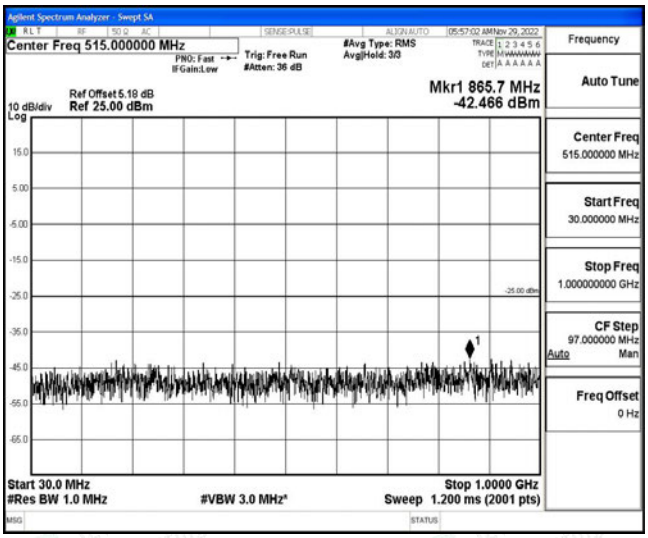
Band7-5MHz-16QAM-20775-1RB#0-Range1:0.009~0.15MHz



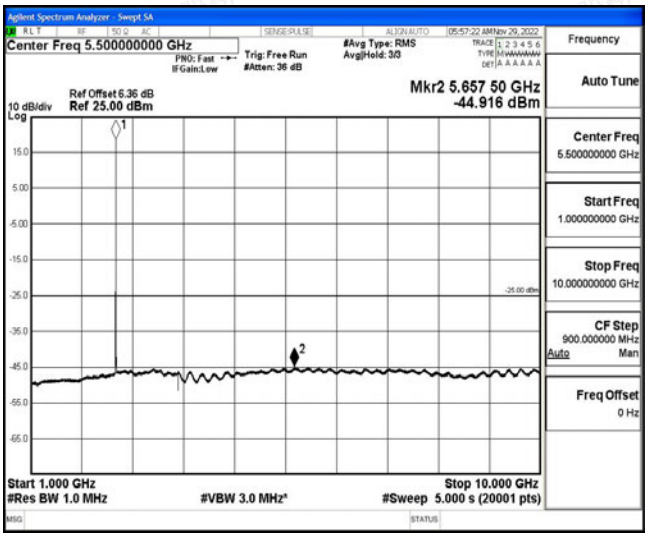
Band7-5MHz-16QAM-20775-1RB#0-Range2:0.15~30MHz



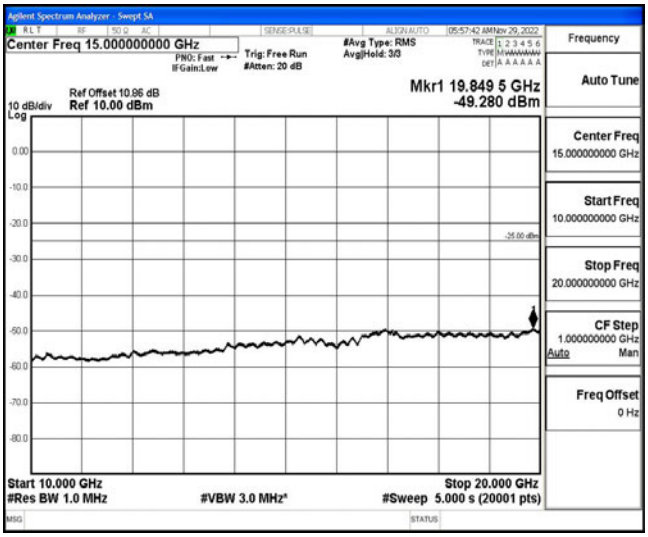
Band7-5MHz-16QAM-20775-1RB#0-Range3:30~1000MHz



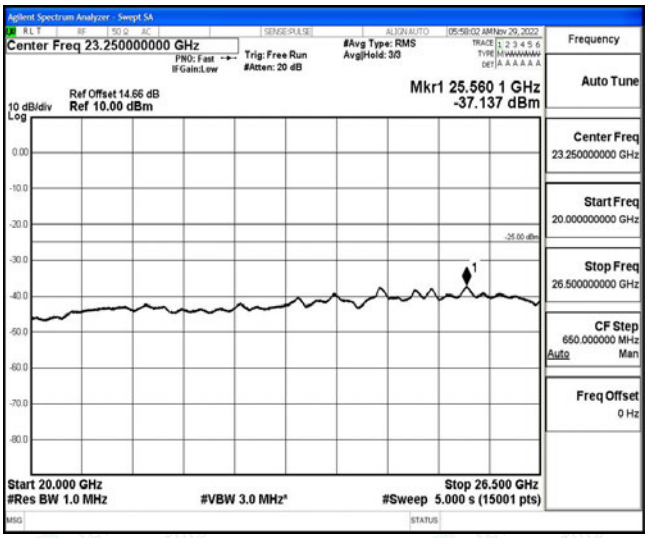
Band7-5MHz-16QAM-20775-1RB#0-Range4:1000~10000MHz



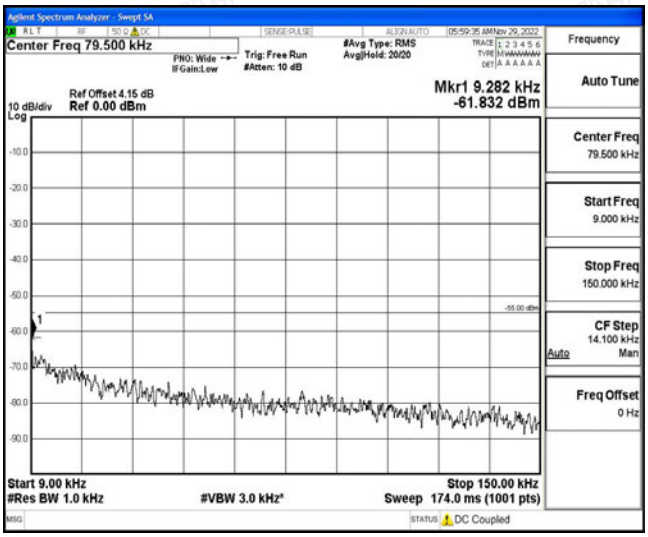
Band7-5MHz-16QAM-20775-1RB#0-Range5:10000~20000MHz



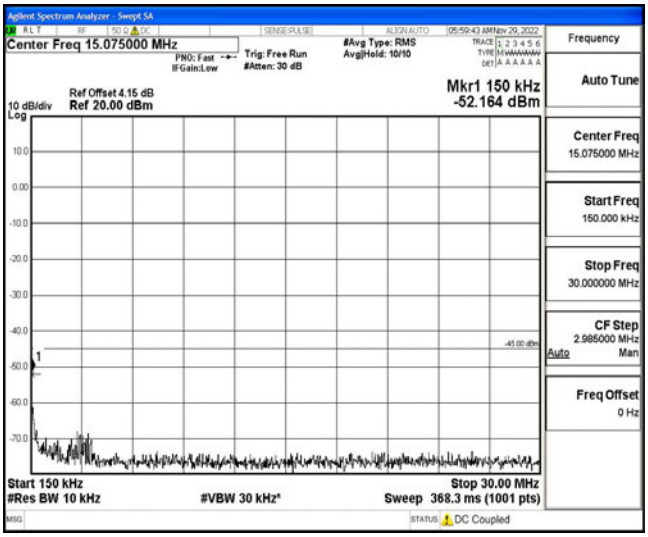
Band7-5MHz-16QAM-20775-1RB#0-Range6:20000~26500MHz



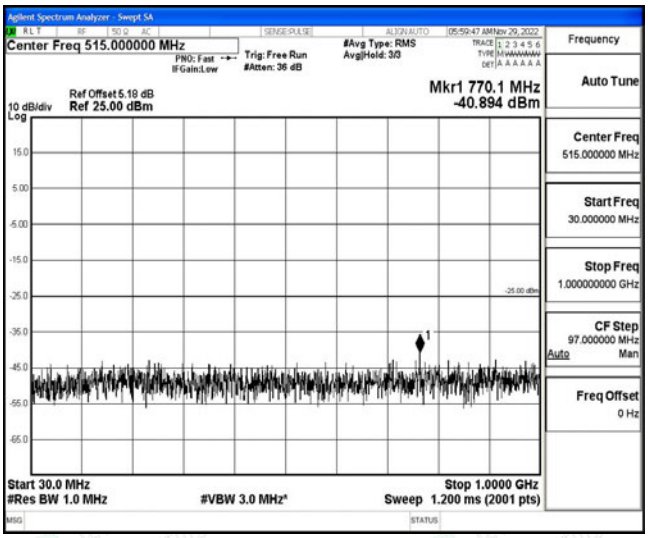
Band7-5MHz-16QAM-21100-1RB#0-Range1:0.009~0.15MHz



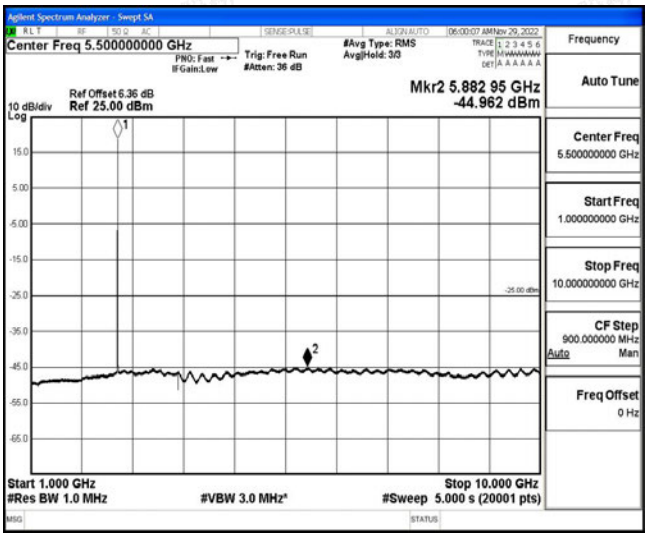
Band7-5MHz-16QAM-21100-1RB#0-Range2:0.15~30MHz



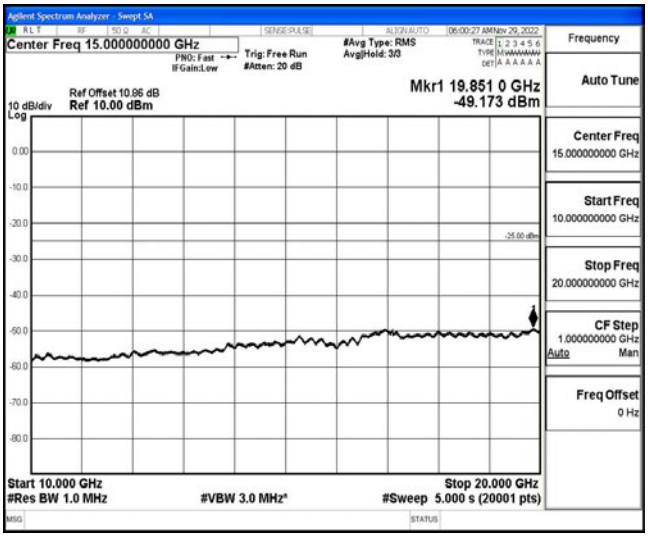
Band7-5MHz-16QAM-21100-1RB#0-Range3:30~1000MHz



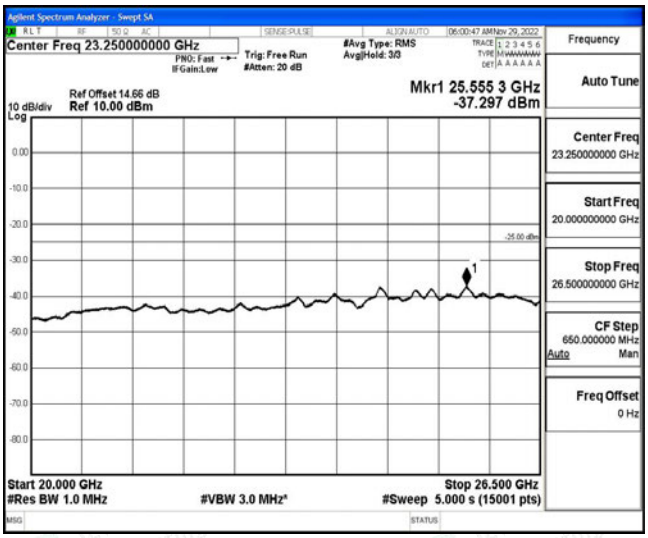
Band7-5MHz-16QAM-21100-1RB#0-Range4:1000~10000MHz



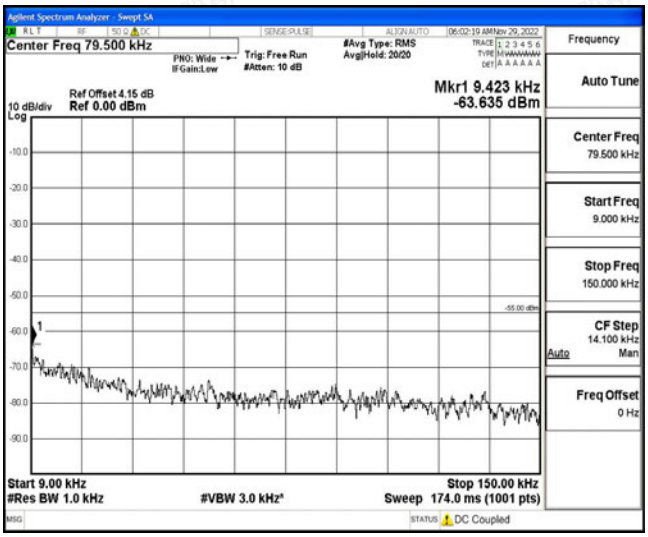
Band7-5MHz-16QAM-21100-1RB#0-Range5:10000~20000MHz



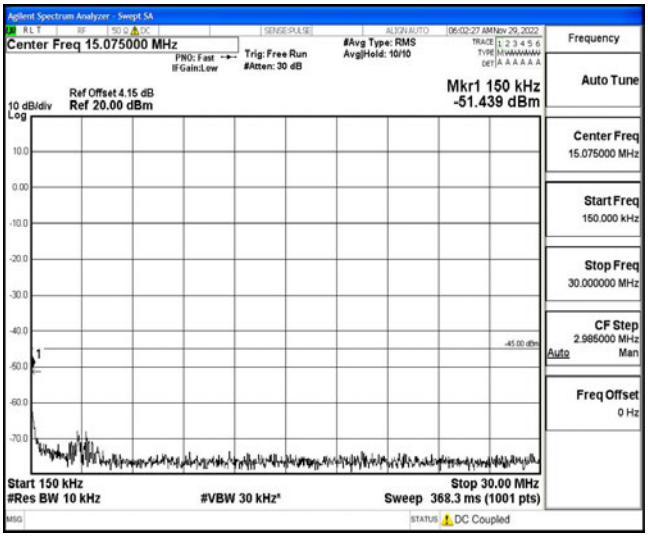
Band7-5MHz-16QAM-21100-1RB#0-Range6:20000~26500MHz



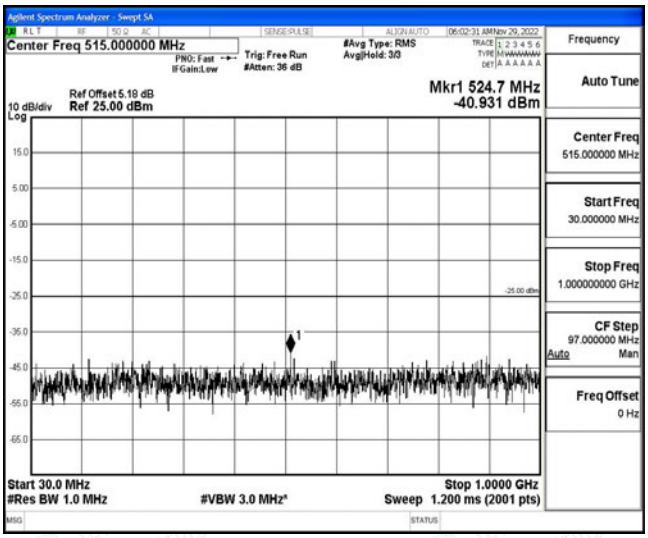
Band7-5MHz-16QAM-21425-1RB#0-Range1:0.009~0.15MHz



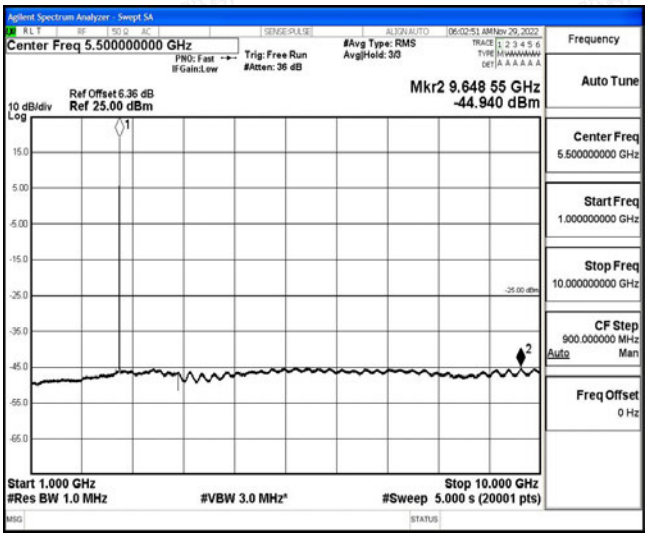
Band7-5MHz-16QAM-21425-1RB#0-Range2:0.15~30MHz



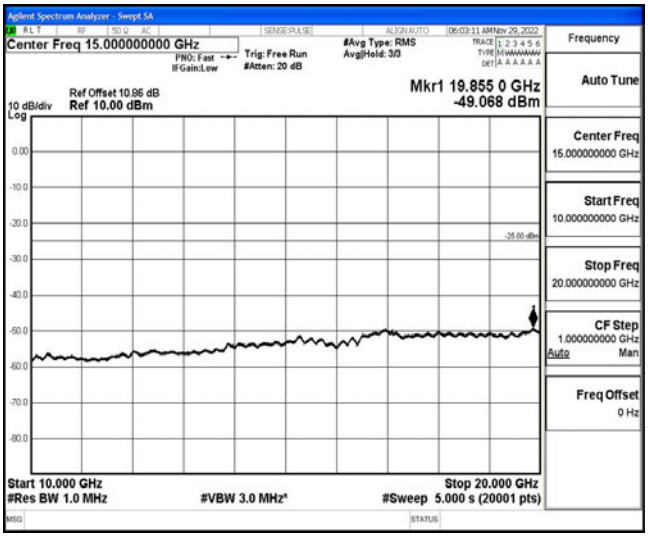
Band7-5MHz-16QAM-21425-1RB#0-Range3:30~1000MHz



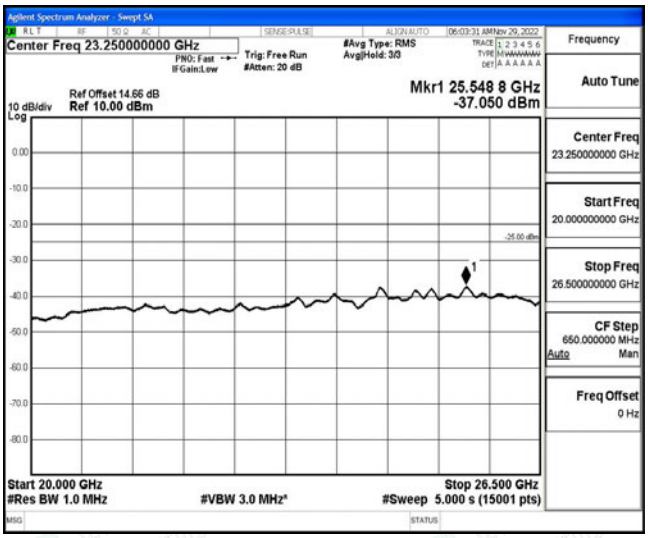
Band7-5MHz-16QAM-21425-1RB#0-Range4:1000~10000MHz



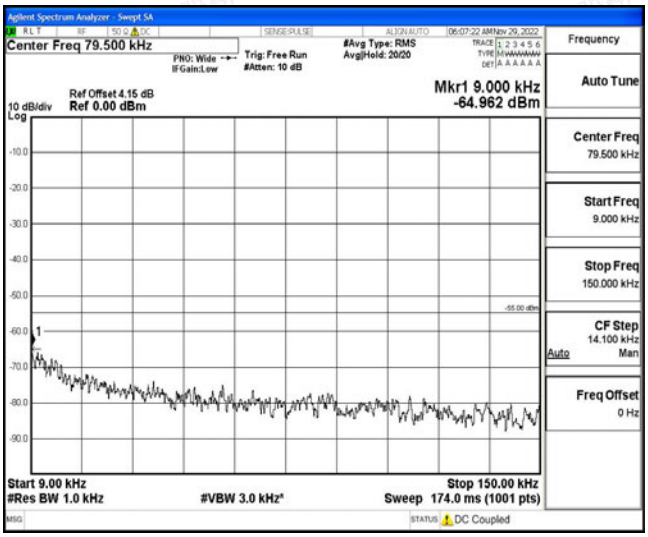
Band7-5MHz-16QAM-21425-1RB#0-Range5:10000~20000MHz



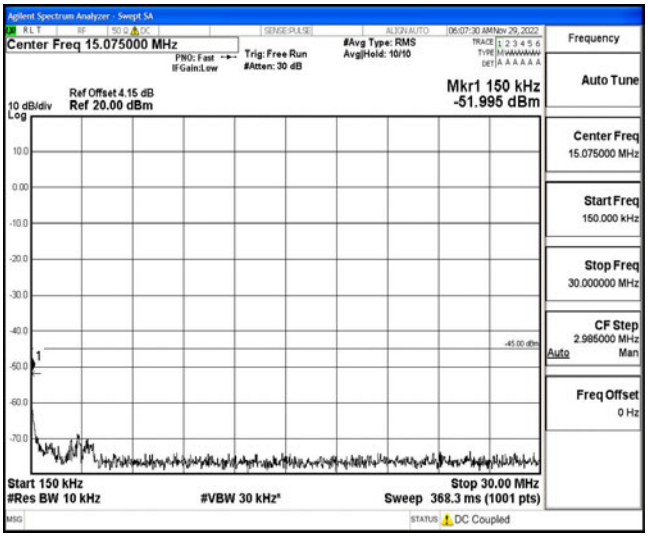
Band7-5MHz-16QAM-21425-1RB#0-Range6:20000~26500MHz



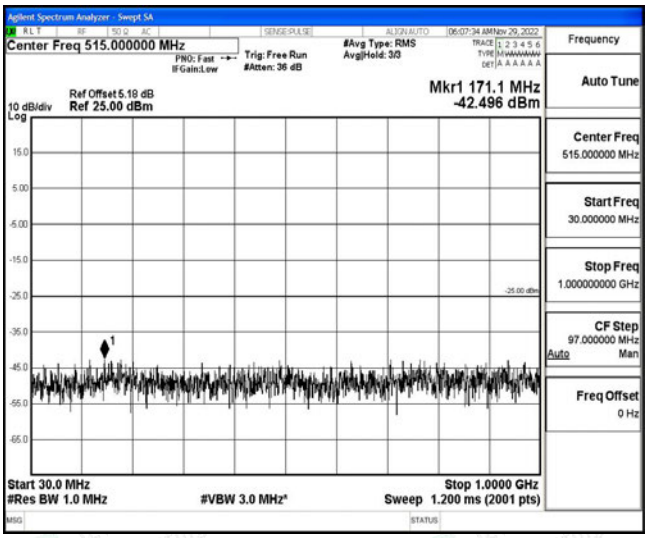
Band7-10MHz-QPSK-20800-1RB#0-Range1:0.009~0.15MHz



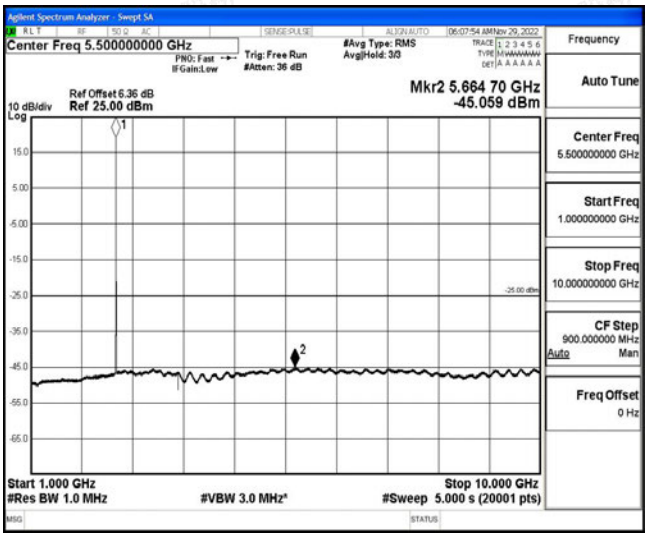
Band7-10MHz-QPSK-20800-1RB#0-Range2:0.15~30MHz



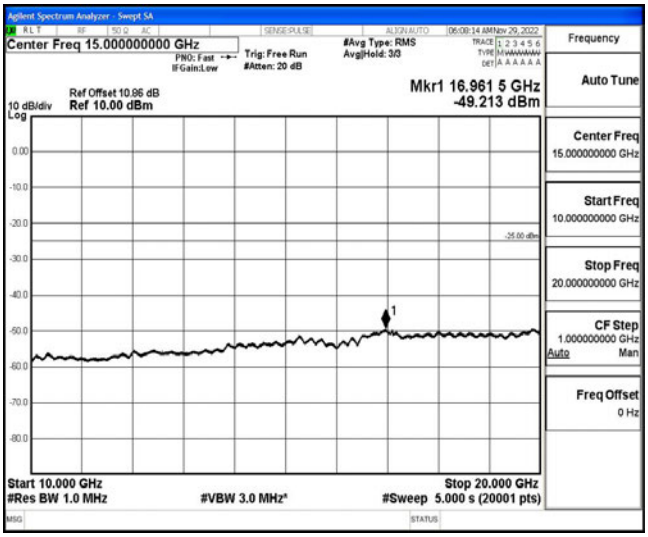
Band7-10MHz-QPSK-20800-1RB#0-Range3:30~1000MHz



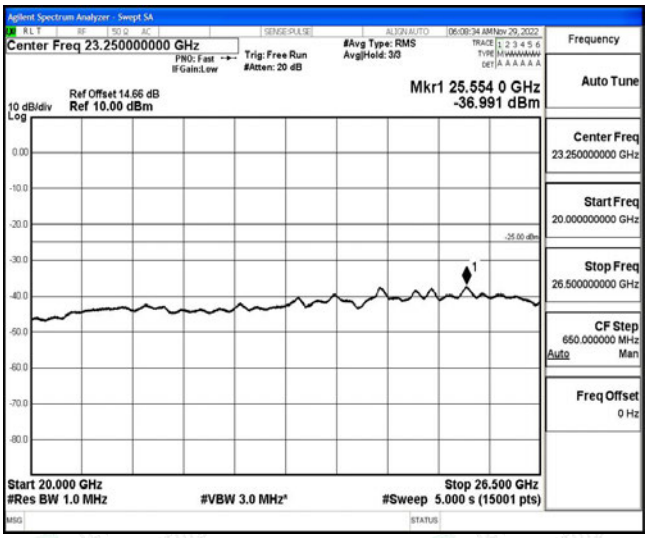
Band7-10MHz-QPSK-20800-1RB#0-Range4:1000~10000MHz



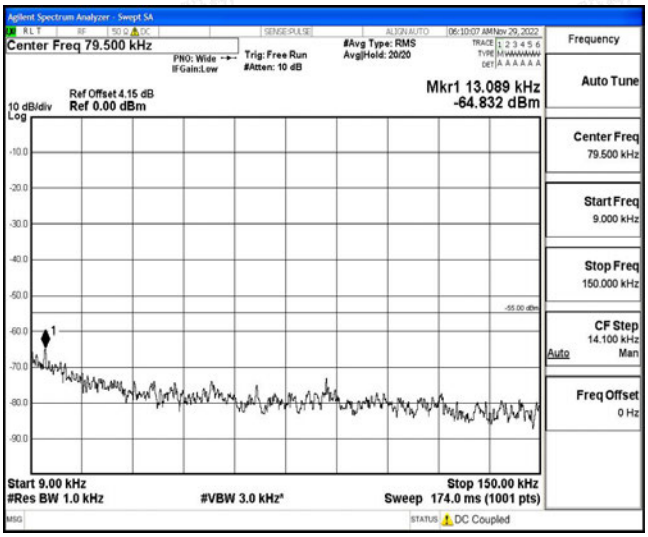
Band7-10MHz-QPSK-20800-1RB#0-Range5:10000~20000MHz



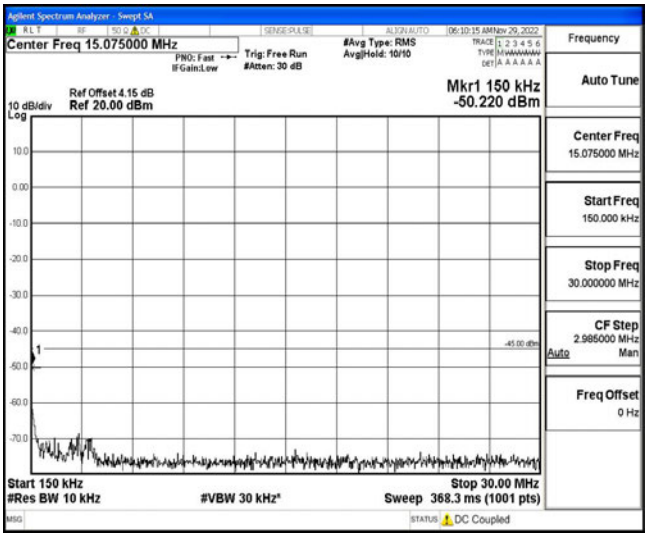
Band7-10MHz-QPSK-20800-1RB#0-Range6:20000~26500MHz



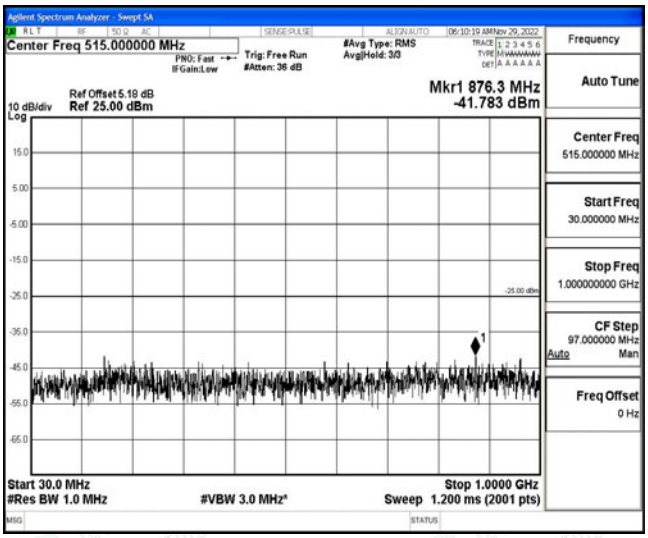
Band7-10MHz-QPSK-21100-1RB#0-Range1:0.009~0.15MHz



Band7-10MHz-QPSK-21100-1RB#0-Range2:0.15~30MHz



Band7-10MHz-QPSK-21100-1RB#0-Range3:30~1000MHz



Band7-10MHz-QPSK-21100-1RB#0-Range4:1000~10000MHz