



Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.535000000 GHz

Center Freq 2.535000000 GHz

Trig: Free Run

Counts: 10.0 M/10.0 Mpt

Radio Std: None

Frequency

Center Freq
2.535000000 GHz

CF Step
5.000000 MHz

Auto

Man

Freq Offset
0 Hz

Average Power

22.43 dBm

46.47 % at 0dB

10.0 % 2.50 dB

1.0 % 4.17 dB

0.1 % 5.18 dB

0.01 % 5.78 dB

0.001 % 5.95 dB

0.0001 % 6.03 dB

Peak 6.05 dB

28.48 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

0 dB

20 dB

Info BW 25.000 MHz

STATUS

Band7-10MHz-QPSK-21100-1RB#0-PASS



Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.565000000 GHz

Center Freq 2.565000000 GHz

Trig: Free Run

Counts: 10.0 M/10.0 Mpt

Radio Std: None

Frequency

Center Freq

2.565000000 GHz

CF Step

5.000000 MHz

Auto

Man

Freq Offset

0 Hz

Average Power

22.52 dBm

46.98 % at 0dB

10.0 % 2.49 dB

1.0 % 4.13 dB

0.1 % 5.05 dB

0.01 % 5.55 dB

0.001 % 5.73 dB

0.0001 % 5.79 dB

Peak 5.85 dB

28.37 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

0 dB

20 dB

Info BW 25.000 MHz

Band7-10MHz-QPSK-21400-1RB#0-PASS

Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.565000000 GHz

Center Freq 2.565000000 GHz

Trig: Free Run

Counts: 10.0 M/10.0 Mpt

Radio Std: None

Frequency

Center Freq

2.565000000 GHz

CF Step

5.000000 MHz

Auto

Man

Freq Offset

0 Hz

Average Power

21.71 dBm

44.92 % at 0dB

10.0 % 2.78 dB

1.0 % 4.79 dB

0.1 % 5.89 dB

0.01 % 6.36 dB

0.001 % 6.48 dB

0.0001 % 6.52 dB

Peak 6.65 dB

28.36 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

0 dB

20 dB

Info BW 25.000 MHz

Band7-10MHz-16QAM-21400-1RB#0-PASS



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

Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.565000000 GHz

Trig: Free Run

Counts: 10.0 M/10.0 Mpt

Radio Std: None

Frequency

Center Freq
2.565000000 GHz

CF Step
5.000000 MHz
Auto

Freq Offset
0 Hz

Average Power

21.46 dBm

47.14 % at 0dB

10.0 % 2.25 dB

1.0 % 4.25 dB

0.1 % 5.39 dB

0.01 % 6.14 dB

0.001 % 6.65 dB

0.0001 % 6.87 dB

Peak 7.00 dB

28.46 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

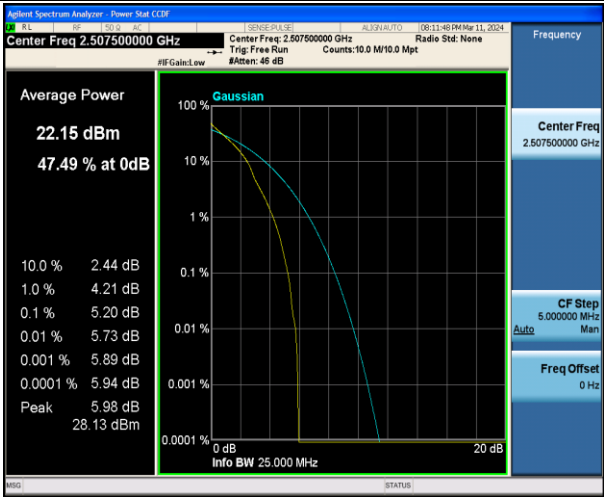
0.0001 %

0 dB

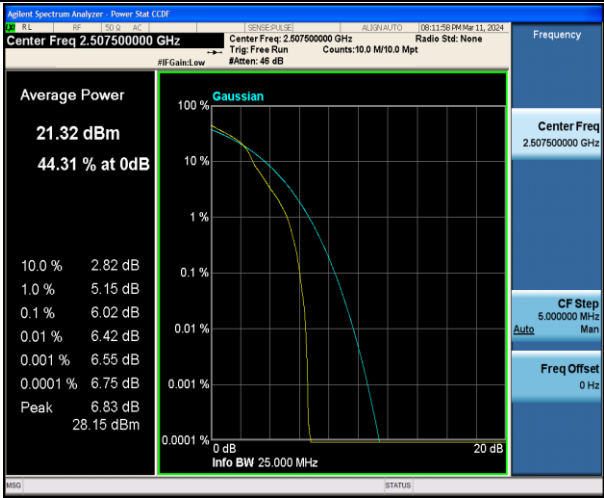
20 dB

Info BW 25.000 MHz

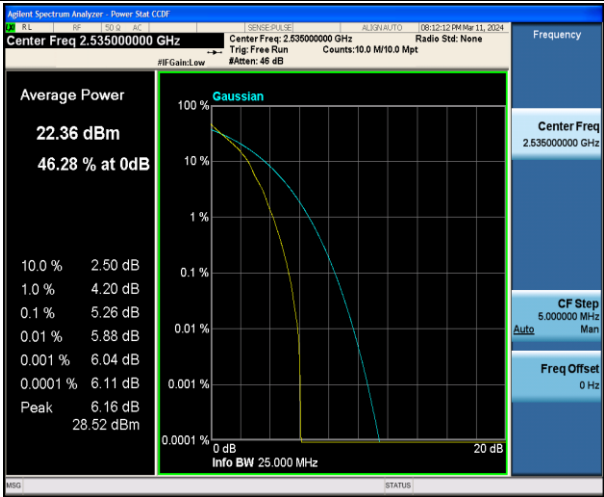
Band7-10MHz-QPSK-21400-50RB#0-PASS



Band7-15MHz-QPSK-20825-1RB#0-PASS

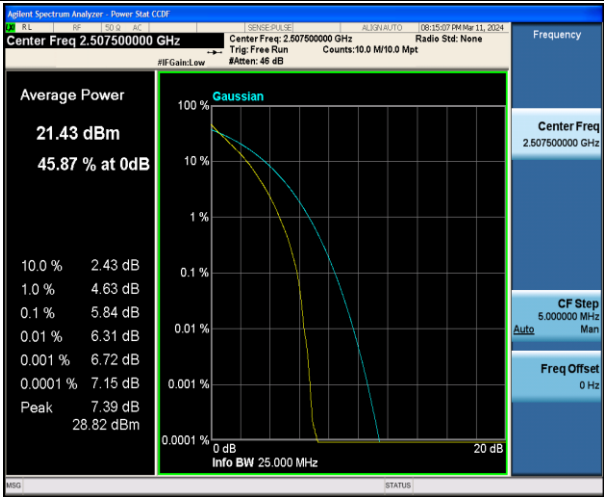


Band7-15MHz-16QAM-20825-1RB#0-PASS

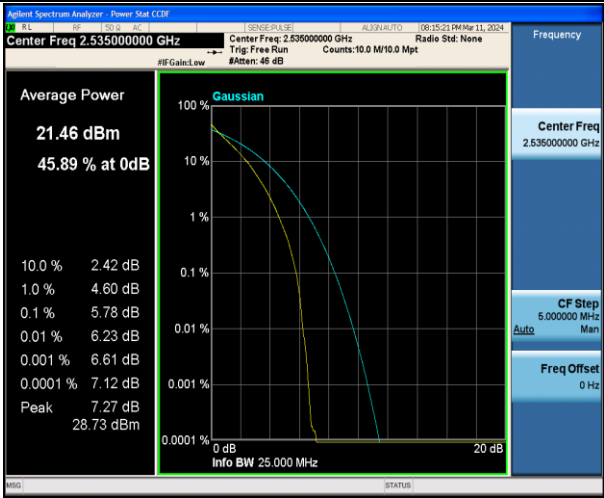


Band7-15MHz-QPSK-21100-1RB#0-PASS

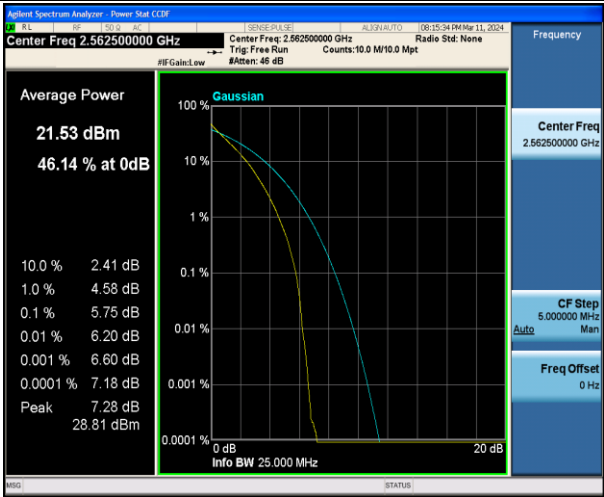




Band7-15MHz-QPSK-20825-75RB#0-PASS



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



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



Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.535000000 GHz

Trig: Free Run

Counts: 10.0 M/10.0 Mpt

Radio Std: None

Frequency

Center Freq
2.535000000 GHz

CF Step
5.000000 MHz
Auto

Freq Offset
0 Hz

Average Power

22.71 dBm

46.80 % at 0dB

10.0 % 2.48 dB

1.0 % 4.22 dB

0.1 % 5.01 dB

0.01 % 5.42 dB

0.001 % 5.59 dB

0.0001 % 6.02 dB

Peak 6.21 dB

28.92 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

0 dB

20 dB

Info BW 25.000 MHz

Band7-20MHz-QPSK-21100-1RB#0-PASS



Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 2.560000000 GHz

Center Freq 2.560000000 GHz

Trig: Free Run

Counts: 10.0 M/10.0 Mpt

Radio Std: None

Frequency

Center Freq

2.560000000 GHz

CF Step

5.000000 MHz

Auto

Man

Freq Offset

0 Hz

Average Power

21.37 dBm

44.94 % at 0dB

10.0 % 2.78 dB

1.0 % 4.78 dB

0.1 % 5.59 dB

0.01 % 6.42 dB

0.001 % 6.62 dB

0.0001 % 7.07 dB

Peak 7.23 dB

28.60 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

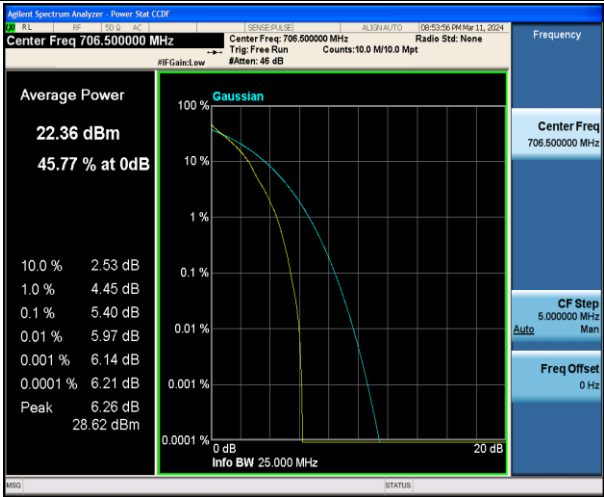
0 dB

20 dB

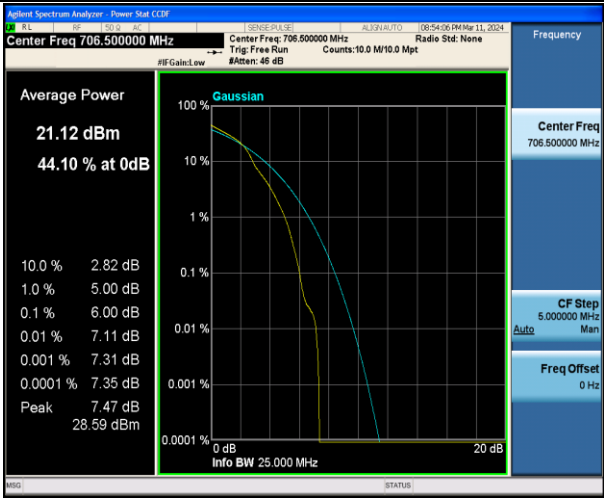
Info BW 25.000 MHz

Band7-20MHz-16QAM-21350-1RB#0-PASS

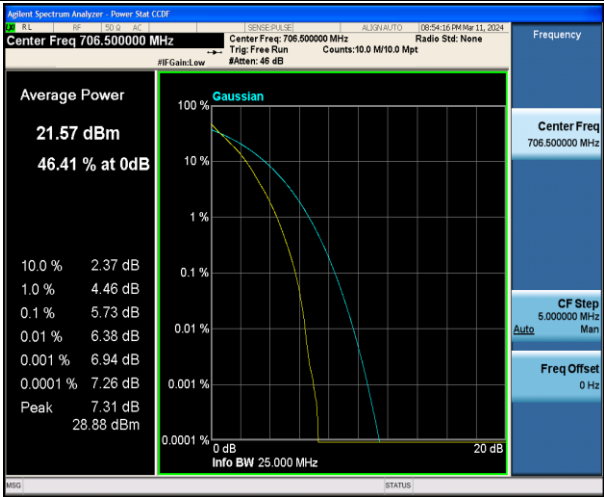




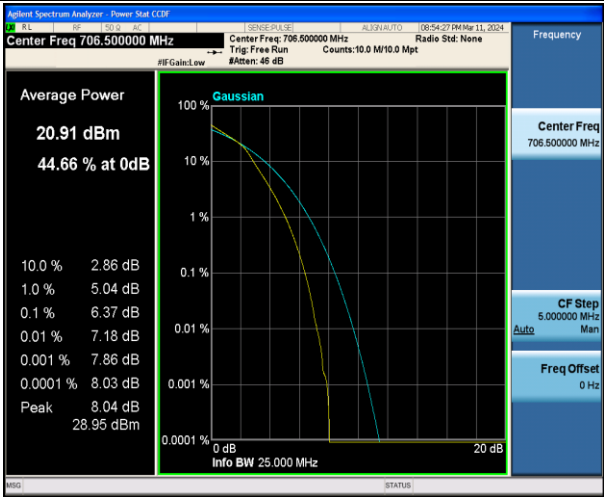
Band17-5MHz-QPSK-23755-1RB#0-PASS



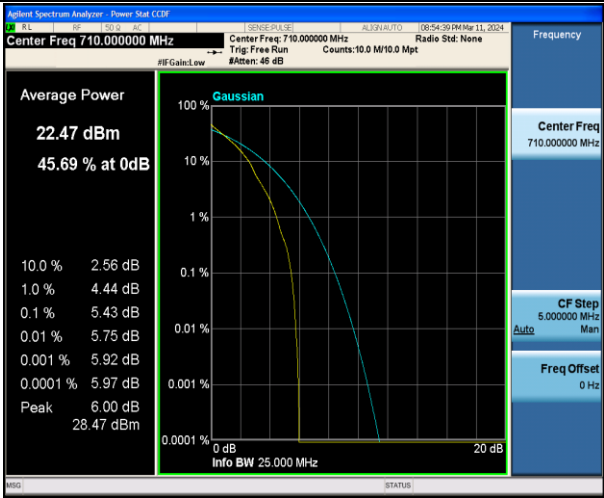
Band17-5MHz-16QAM-23755-1RB#0-PASS



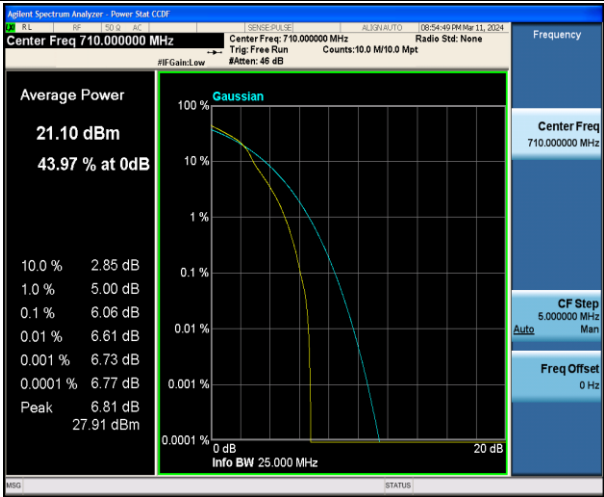
Band17-5MHz-QPSK-23755-25RB#0-PASS



Band17-5MHz-16QAM-23755-25RB#0-PASS



Band17-5MHz-QPSK-23790-1RB#0-PASS



Band17-5MHz-16QAM-23790-1RB#0-PASS



Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 713.500000 MHz

Trig: Free Run

Counts: 10.0 M/10.0 Mpt

Radio Std: None

Frequency

Center Freq
713.500000 MHz

CF Step
5.000000 MHz
Auto

Freq Offset
0 Hz

Average Power

22.52 dBm

46.01 % at 0dB

10.0 % 2.58 dB

1.0 % 4.48 dB

0.1 % 5.30 dB

0.01 % 5.66 dB

0.001 % 5.89 dB

0.0001 % 5.94 dB

Peak 5.97 dB

28.49 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

0 dB

20 dB

Info BW 25.000 MHz

Band17-5MHz-QPSK-23825-1RB#0-PASS



Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 713.500000 MHz

Center Freq 713.500000 MHz

Trig: Free Run

Counts: 10.0 M/10.0 Mpt

Radio Std: None

Frequency

Center Freq 713.500000 MHz

CF Step 5.000000 MHz

Auto

Man

Freq Offset 0 Hz

Average Power

20.92 dBm

44.67 % at 0dB

10.0 % 2.88 dB

1.0 % 5.01 dB

0.1 % 6.29 dB

0.01 % 7.05 dB

0.001 % 7.42 dB

0.0001 % 7.60 dB

Peak 7.63 dB

28.55 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

0 dB

20 dB

Info BW 25.000 MHz

Band17-5MHz-16QAM-23825-25RB#0-PASS



Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 710.000000 MHz

Trig: Free Run

Counts: 10.0 M/10.0 Mpt

Radio Std: None

Frequency

Center Freq 710.000000 MHz

CF Step 5.000000 MHz

Auto

Man

Freq Offset 0 Hz

Average Power

22.63 dBm

45.60 % at 0dB

10.0 % 2.57 dB

1.0 % 4.46 dB

0.1 % 5.43 dB

0.01 % 5.86 dB

0.001 % 6.01 dB

0.0001 % 6.07 dB

Peak 6.09 dB

28.72 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

0 dB

20 dB

Info BW 25.000 MHz

Band17-10MHz-QPSK-23790-1RB#0-PASS



Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 711.000000 MHz

Trig: Free Run

Counts: 10.0 M/10.0 Mpt

Radio Std: None

Frequency

Center Freq
711.000000 MHz

CF Step
5.000000 MHz
Auto

Freq Offset
0 Hz

Average Power

21.77 dBm

43.79 % at 0dB

10.0 % 2.82 dB

1.0 % 4.99 dB

0.1 % 6.28 dB

0.01 % 6.71 dB

0.001 % 6.85 dB

0.0001 % 6.89 dB

Peak 6.93 dB

28.70 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

0 dB

20 dB

Info BW 25.000 MHz

Band17-10MHz-16QAM-23800-1RB#0-PASS



Agilent Spectrum Analyzer - Power Stat CCDF

Center Freq 711.000000 MHz

Trig: Free Run

Counts: 10.0 M/10.0 Mpt

Radio Std: None

Frequency

Center Freq
711.000000 MHz

CF Step
5.000000 MHz
Auto

Freq Offset
0 Hz

Average Power

21.83 dBm

46.10 % at 0dB

10.0 % 2.32 dB

1.0 % 4.43 dB

0.1 % 5.63 dB

0.01 % 6.43 dB

0.001 % 6.91 dB

0.0001 % 7.20 dB

Peak 7.30 dB

29.13 dBm

Gaussian

100 %

10 %

1 %

0.1 %

0.01 %

0.001 %

0.0001 %

0 dB

20 dB

Info BW 25.000 MHz

STATUS

Band17-10MHz-QPSK-23800-50RB#0-PASS

Appendix C: 26dB Bandwidth and Occupied Bandwidth

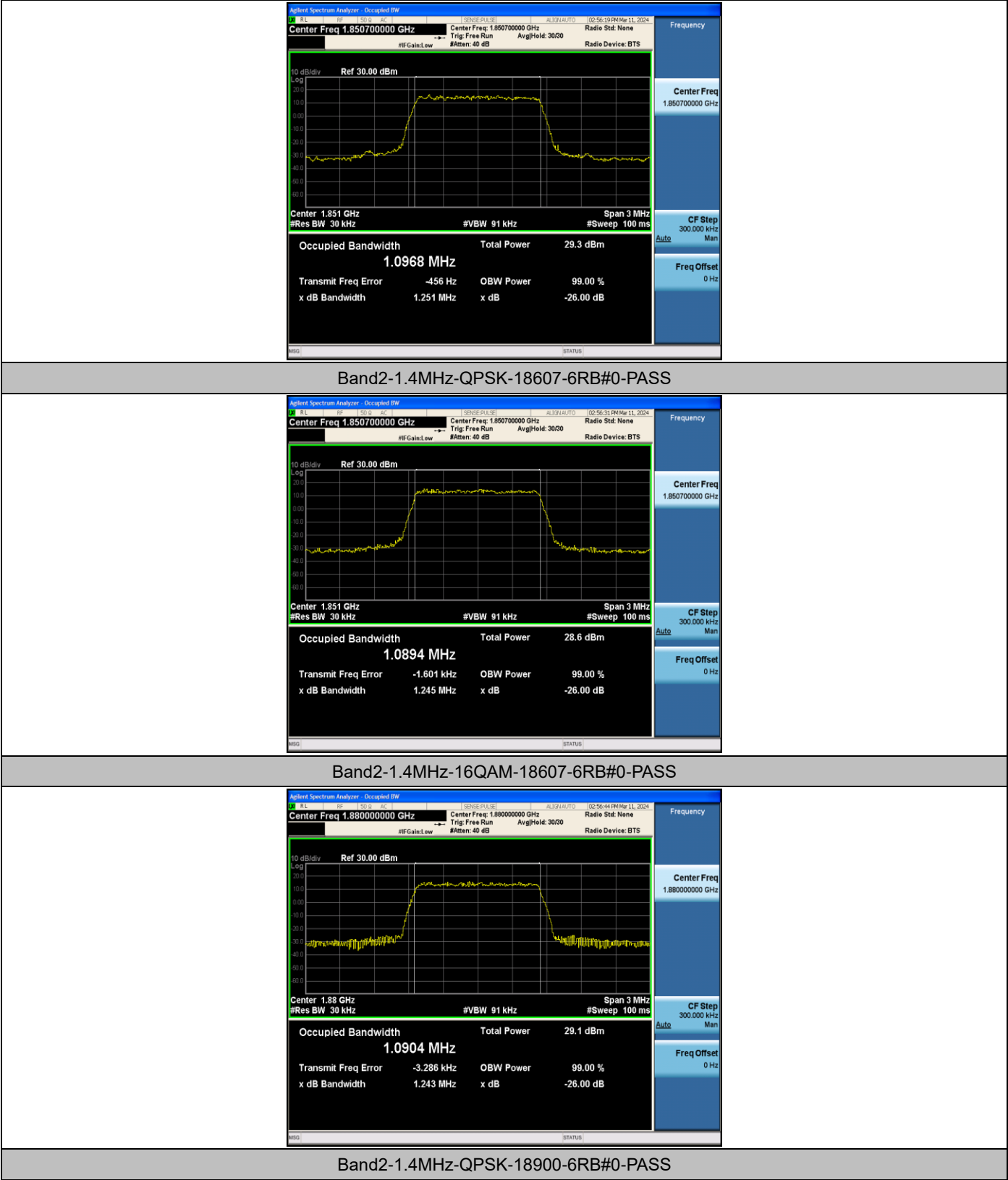
Test Result

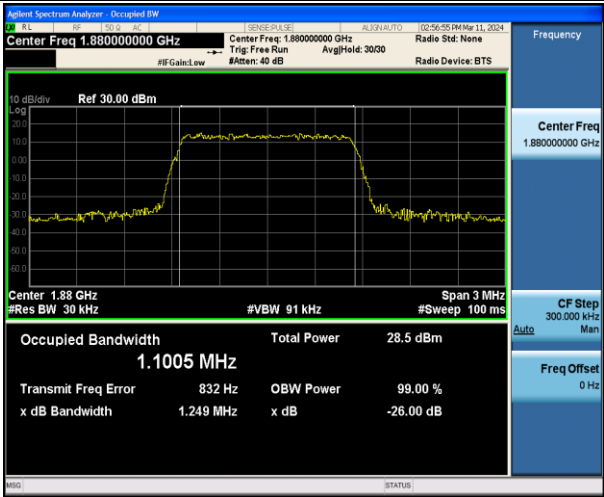
Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.0968	1.251	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.0894	1.245	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.0904	1.243	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.1005	1.249	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.0974	1.246	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.0987	1.249	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.7054	3.020	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.7050	3.021	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.7131	3.014	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.6993	3.015	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.7035	3.019	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.7066	3.032	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.5067	4.980	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.4985	4.947	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.5032	4.977	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.5078	4.994	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.5133	5.007	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.5199	5.003	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.9971	9.944	PASS
Band2	10MHz	QPSK	18900	50RB#0	9.0007	9.899	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.9681	9.880	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.511	14.99	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.496	14.98	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.427	14.82	PASS
Band2	20MHz	QPSK	18700	100RB#0	18.002	19.75	PASS
Band2	20MHz	QPSK	18900	100RB#0	18.034	19.76	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.949	19.64	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.0894	1.242	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.0974	1.252	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.0990	1.247	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.1016	1.243	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.0906	1.241	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.1015	1.244	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.7174	3.031	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.6980	3.029	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.7048	3.020	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.7113	3.028	PASS

Band4	3MHz	QPSK	20385	15RB#0	2.7165	3.025	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.6953	3.031	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.4998	4.980	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.5039	4.954	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.5035	4.970	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.5206	4.991	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.5112	4.978	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.5023	4.949	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.9943	9.887	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.9845	9.942	PASS
Band4	10MHz	QPSK	20350	50RB#0	9.0015	9.888	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.514	14.94	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.519	15.04	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.509	14.94	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.991	19.68	PASS
Band4	20MHz	QPSK	20175	100RB#0	18.011	19.79	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.991	19.82	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.0937	1.240	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.1029	1.250	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.0974	1.245	PASS
Band5	1.4MHz	16QAM	20525	6RB#0	1.0988	1.248	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.0957	1.246	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.0898	1.242	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.7122	3.011	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.7049	2.999	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.7063	3.012	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.7081	3.038	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.7146	3.030	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.7057	3.021	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.5051	4.977	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.4997	4.960	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.5060	4.972	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.5121	4.984	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.5090	4.980	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.5233	5.002	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.9840	9.878	PASS
Band5	10MHz	QPSK	20525	50RB#0	9.0041	9.919	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.9635	9.877	PASS
Band7	5MHz	QPSK	20775	25RB#0	4.5047	4.987	PASS
Band7	5MHz	16QAM	20775	25RB#0	4.5044	4.969	PASS
Band7	5MHz	QPSK	21100	25RB#0	4.5106	4.992	PASS
Band7	5MHz	16QAM	21100	25RB#0	4.5221	5.007	PASS
Band7	5MHz	QPSK	21425	25RB#0	4.5063	4.984	PASS
Band7	5MHz	16QAM	21425	25RB#0	4.5009	4.975	PASS
Band7	10MHz	QPSK	20800	50RB#0	8.9992	9.887	PASS

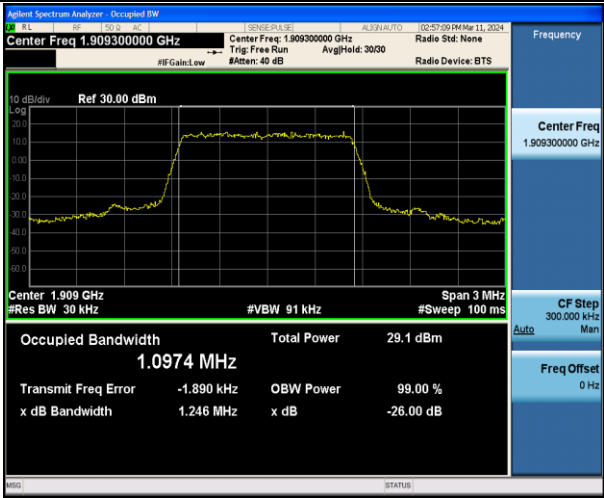
Band7	10MHz	QPSK	21100	50RB#0	8.9985	9.905	PASS
Band7	10MHz	QPSK	21400	50RB#0	8.9856	9.908	PASS
Band7	15MHz	QPSK	20825	75RB#0	13.511	14.98	PASS
Band7	15MHz	QPSK	21100	75RB#0	13.447	14.92	PASS
Band7	15MHz	QPSK	21375	75RB#0	13.506	15.00	PASS
Band7	20MHz	QPSK	20850	100RB#0	18.018	19.86	PASS
Band7	20MHz	QPSK	21100	100RB#0	18.008	19.78	PASS
Band7	20MHz	QPSK	21350	100RB#0	18.005	19.67	PASS
Band17	5MHz	QPSK	23755	25RB#0	4.5058	4.987	PASS
Band17	5MHz	16QAM	23755	25RB#0	4.5071	4.960	PASS
Band17	5MHz	QPSK	23790	25RB#0	4.4967	4.967	PASS
Band17	5MHz	16QAM	23790	25RB#0	4.5012	4.971	PASS
Band17	5MHz	QPSK	23825	25RB#0	4.5127	5.004	PASS
Band17	5MHz	16QAM	23825	25RB#0	4.5401	5.005	PASS
Band17	10MHz	QPSK	23780	50RB#0	8.9736	9.895	PASS
Band17	10MHz	QPSK	23790	50RB#0	8.9714	9.894	PASS
Band17	10MHz	QPSK	23800	50RB#0	8.9621	9.808	PASS

Test Graphs

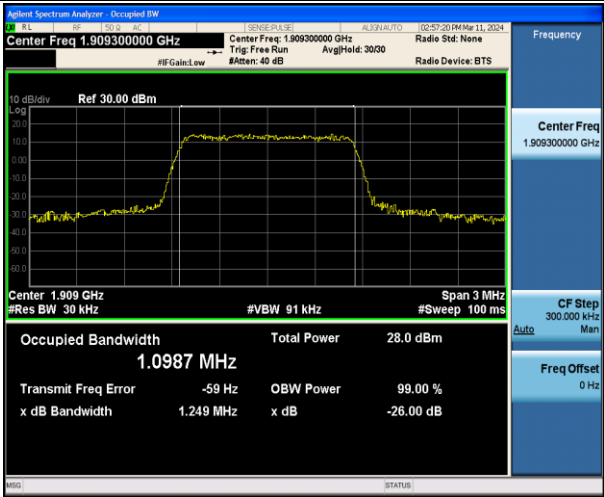




Band2-1.4MHz-16QAM-18900-6RB#0-PASS

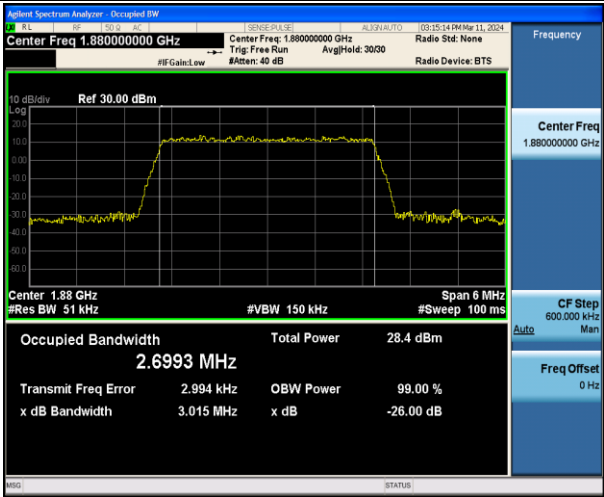


Band2-1.4MHz-QPSK-19193-6RB#0-PASS

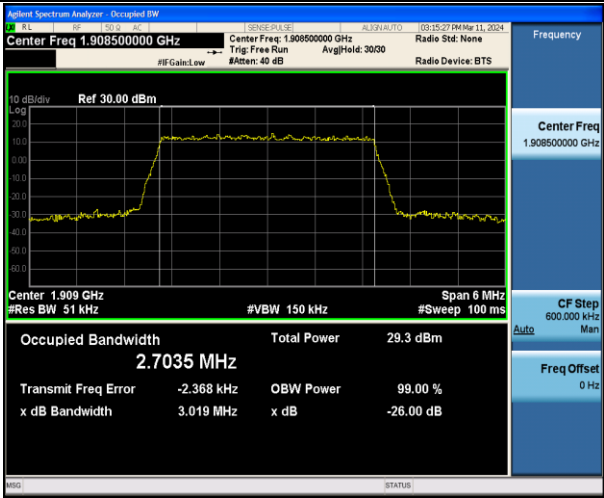


Band2-1.4MHz-16QAM-19193-6RB#0-PASS

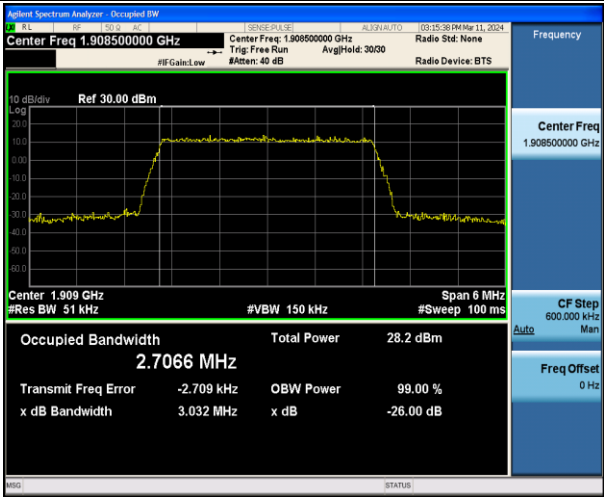




Band2-3MHz-16QAM-18900-15RB#0-PASS



Band2-3MHz-QPSK-19185-15RB#0-PASS



Band2-3MHz-16QAM-19185-15RB#0-PASS

