

B66_N71(5M)_DFT-s-OFDM_PI_2-BPSK_High CH



B66_N71(5M)_DFT-s-OFDM_QPSK_High CH



B66_N71(5M)_DFT-s-OFDM_16 QAM_High CH



B66_N71(5M)_DFT-s-OFDM_64 QAM_High CH



B66_N71(5M)_DFT-s-OFDM_256 QAM_High CH

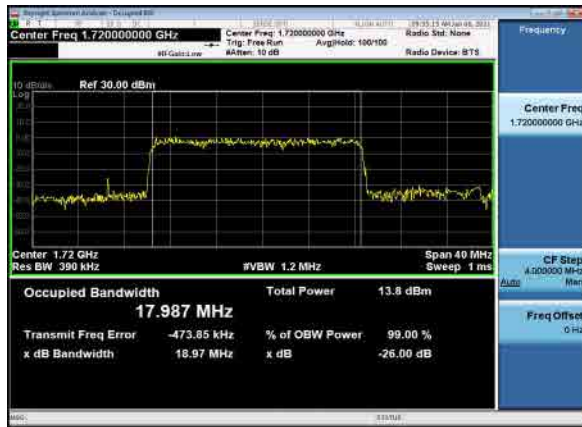


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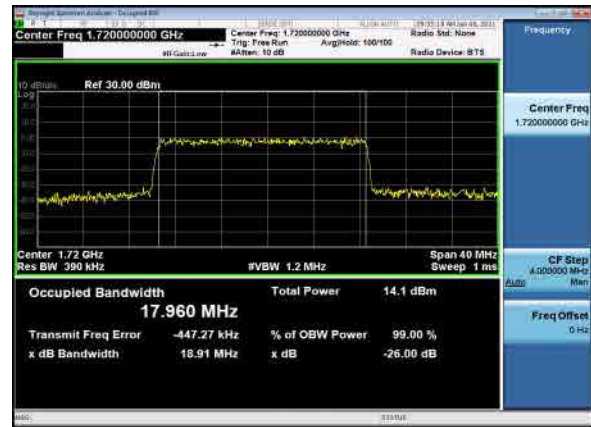




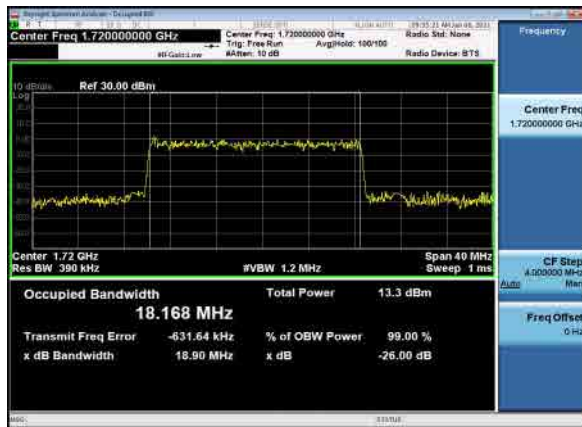
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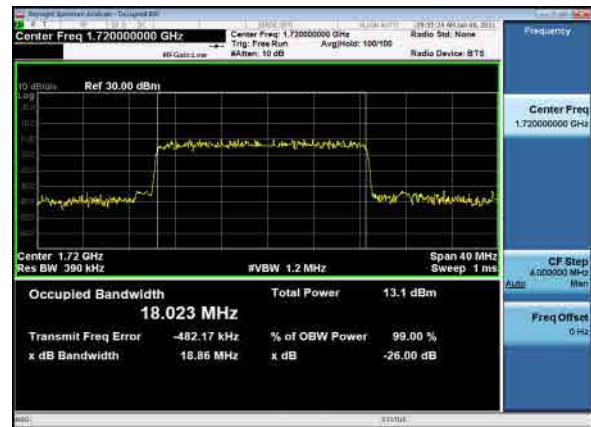
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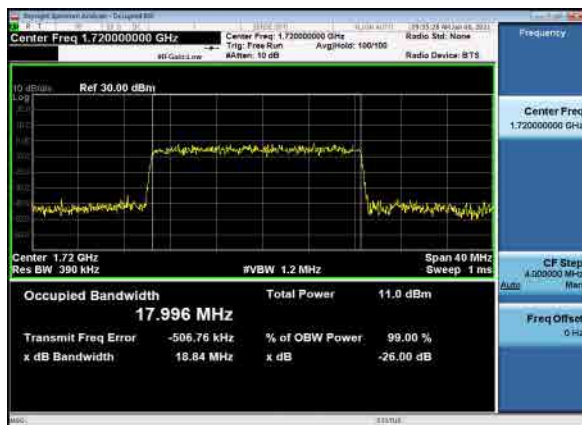
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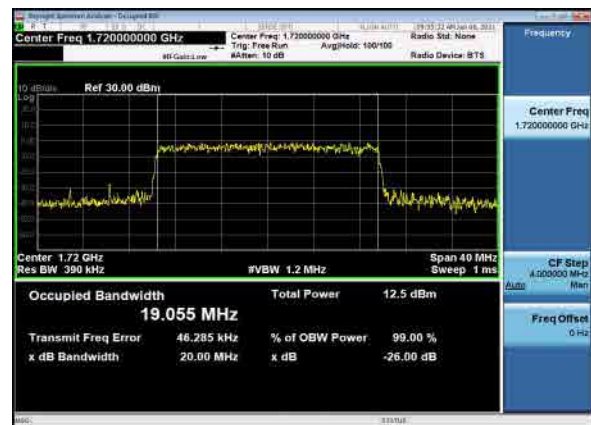
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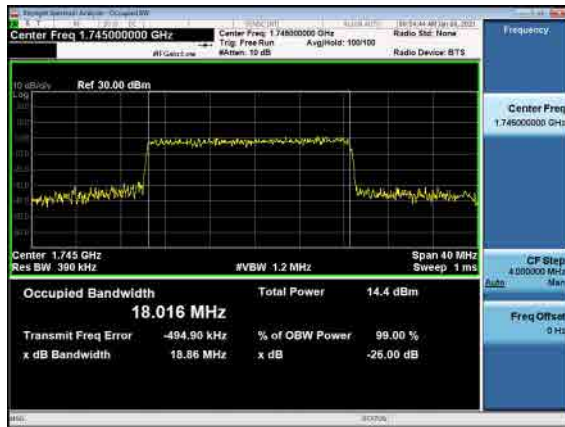
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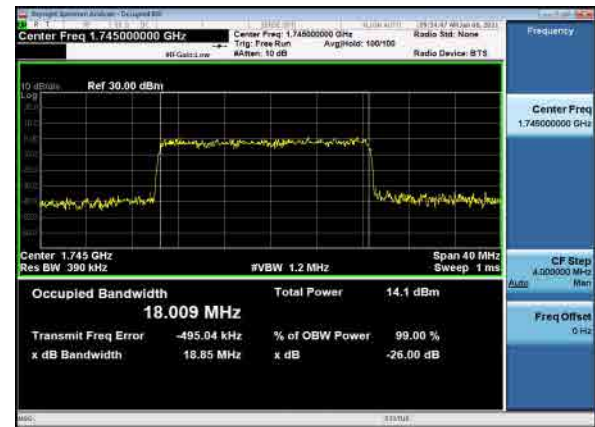
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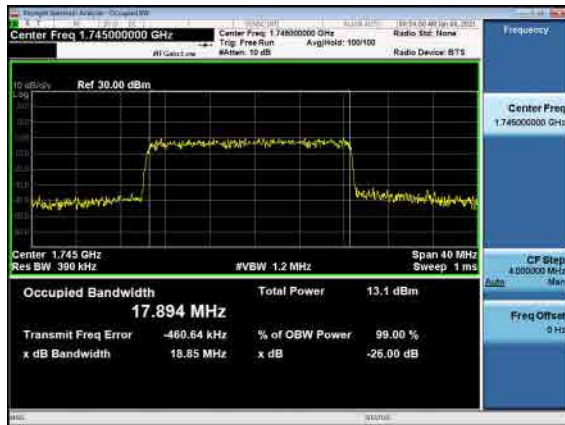
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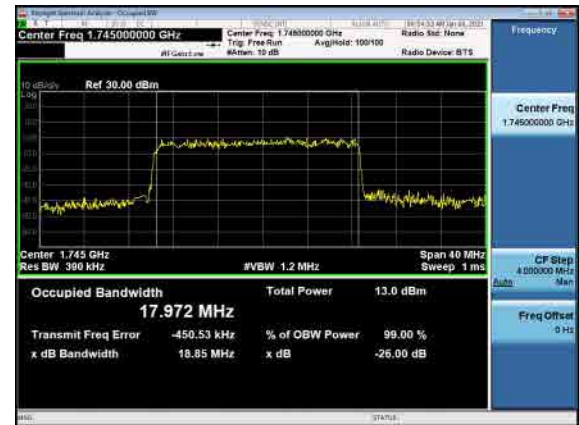
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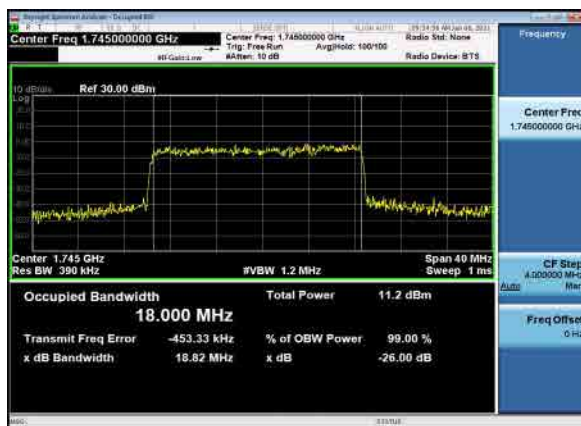
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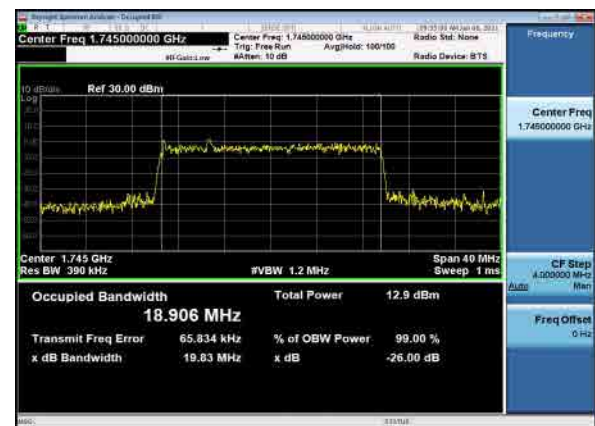
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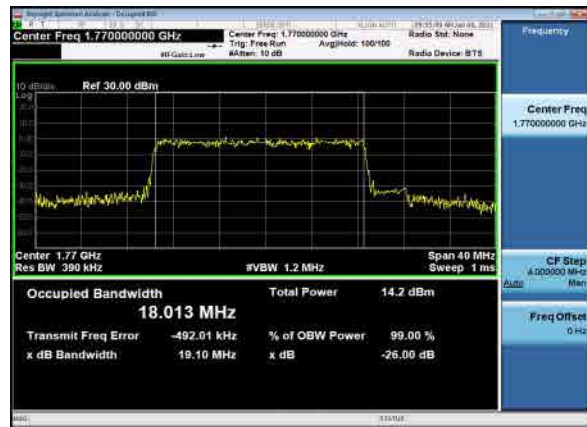
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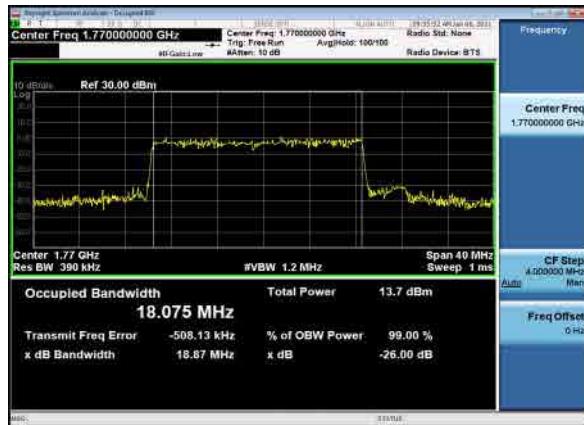
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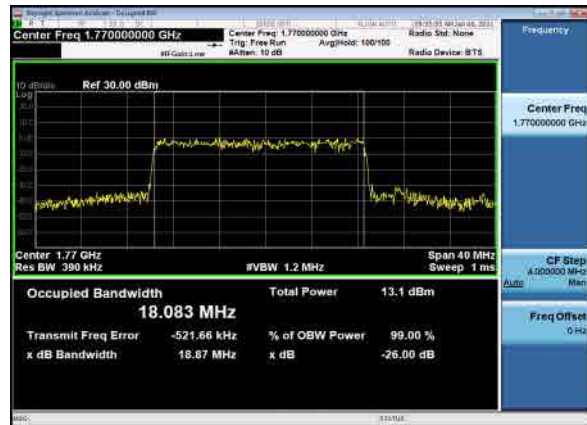
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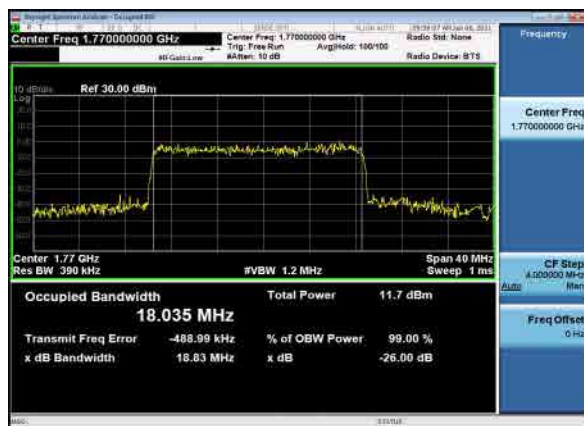
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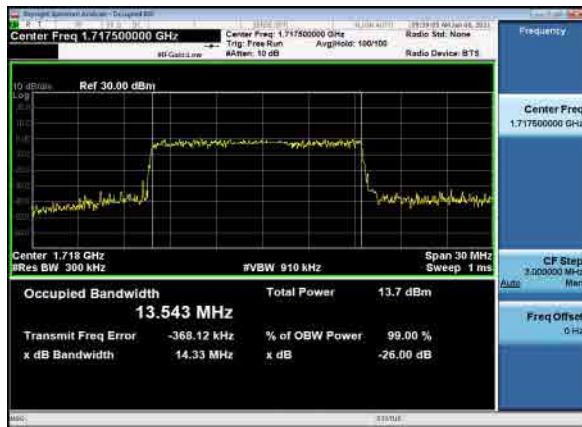


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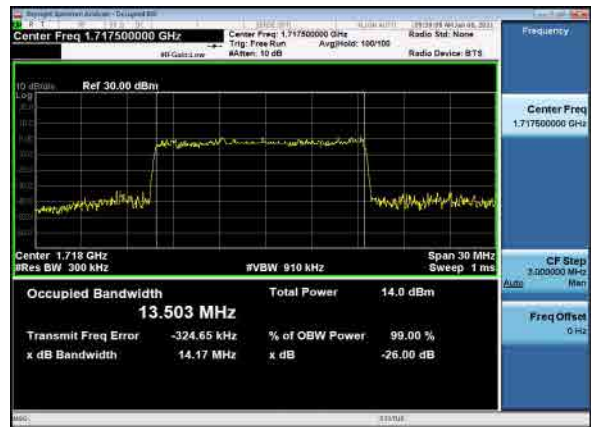




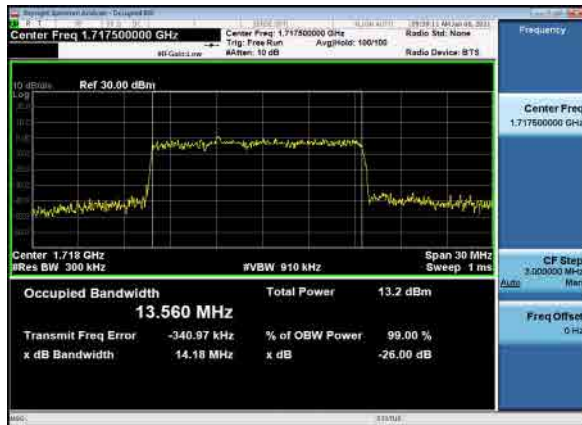
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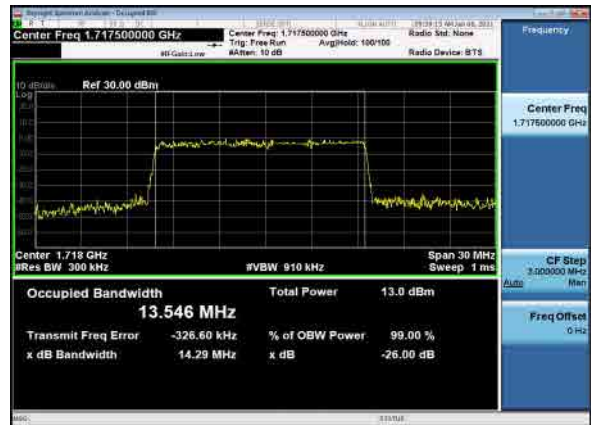
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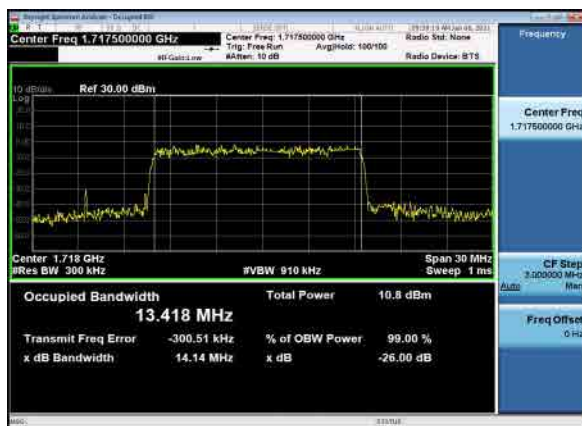
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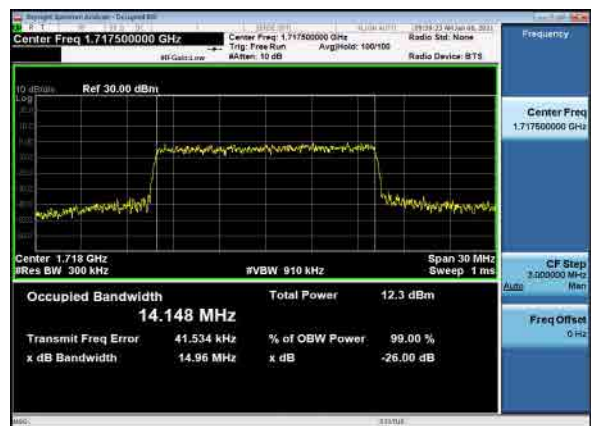
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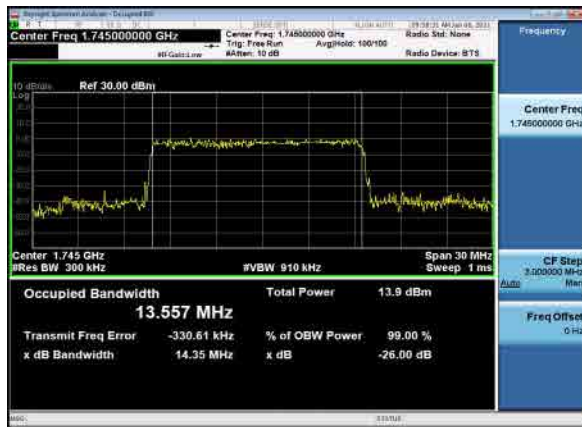
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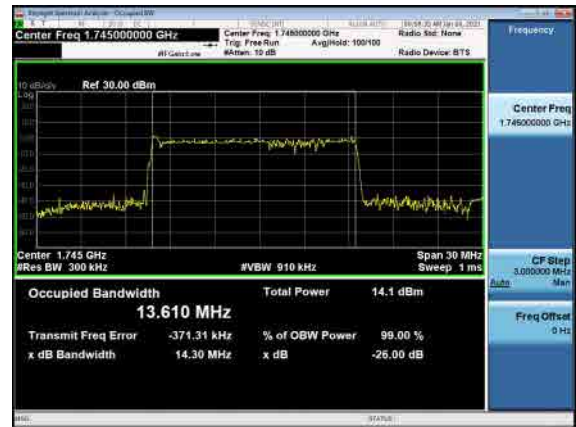
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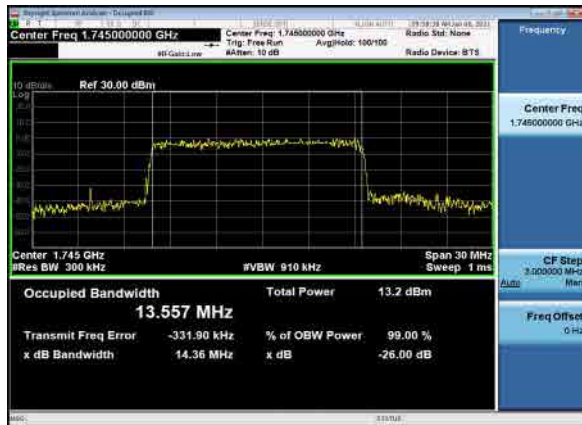
B71_N66(15M)_DFT-s-OFDM_PI_2-BPSK_middle_OBW



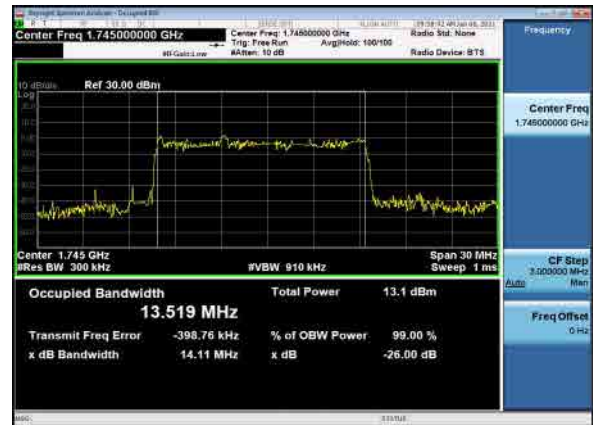
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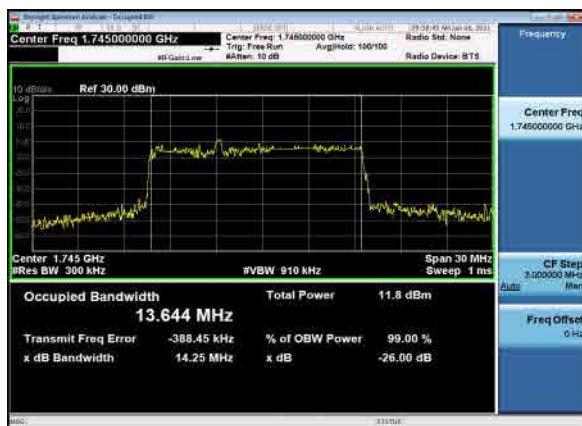
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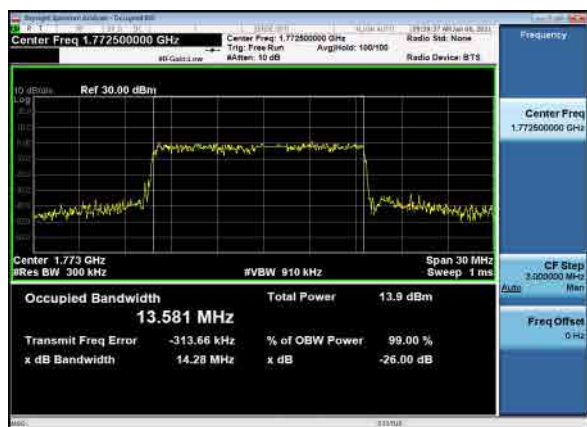
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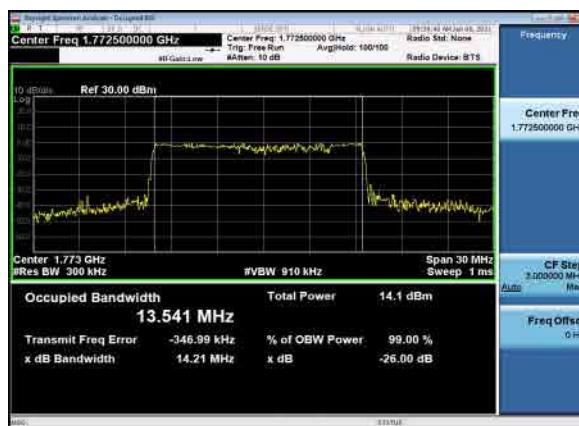
B71_N66(15M)_CP-OFDM_QPSK_middle_OBW



B71_N66(15M)_DFT-s-OFDM_PI_2-BPSK_high_OBW



B71_N66(15M)_DFT-s-OFDM_QPSK_high_OBW



B71_N66(15M)_DFT-s-OFDM_16 QAM_high_OBW



B71_N66(15M)_DFT-s-OFDM_64 QAM_high_OBW



B71_N66(15M)_DFT-s-OFDM_256 QAM_high_OBW



B71_N66(15M)_CP-OFDM_QPSK_high_OBW



B71_N66(10M)_DFT-s-OFDM_PI_2-BPSK_Low_CH



B71_N66(10M)_DFT-s-OFDM_QPSK_Low_CH



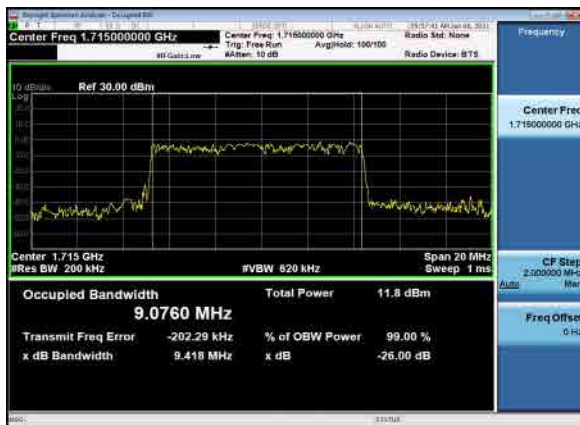
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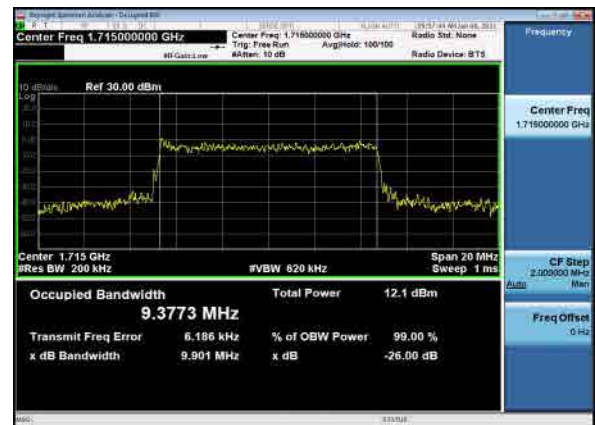
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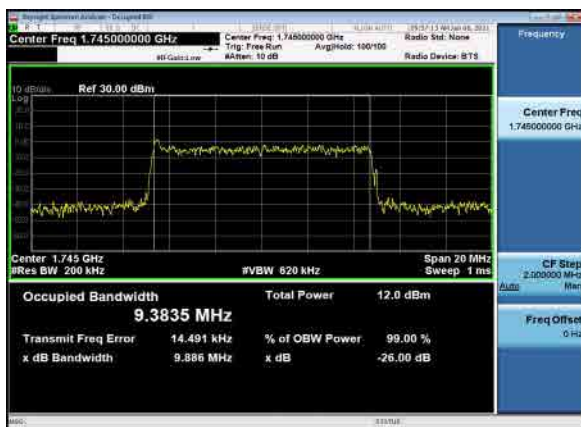
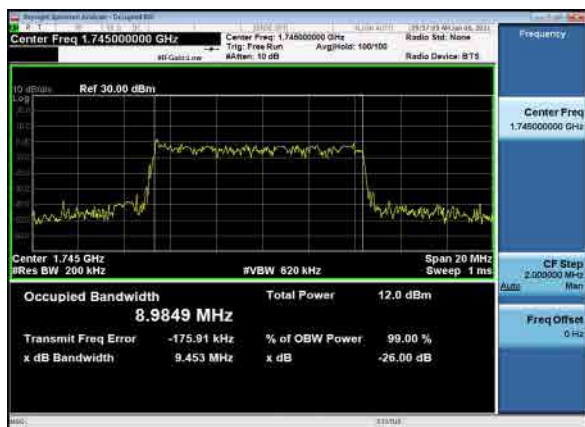


B71_N66(10M)_DFT-s-OFDM_256 QAM_Low_CH

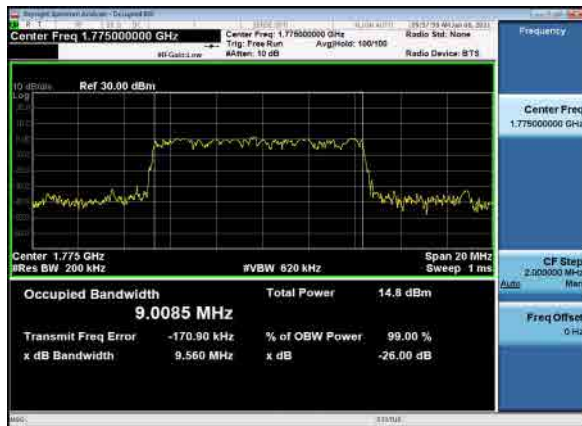


B71_N66(10M)_CP-OFDM_QPSK_Low_CH





B71_N66(10M)_DFT-s-OFDM_PI_2-BPSK_High_CH



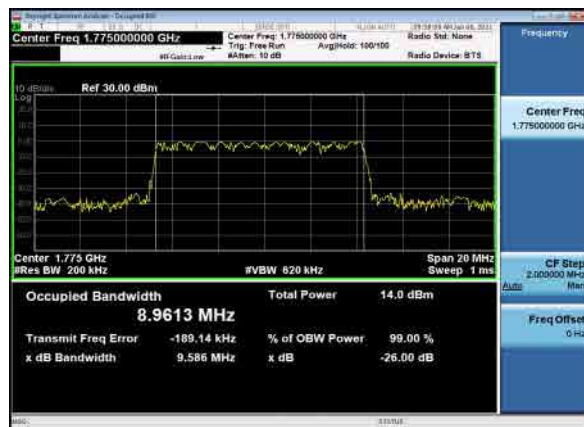
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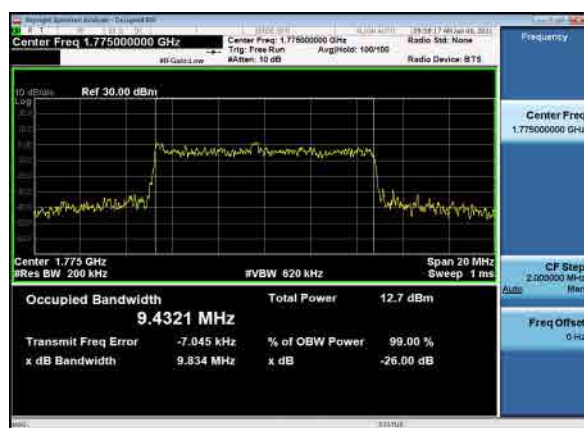
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B71_N66(10M)_DFT-s-OFDM_256 QAM_High_CH



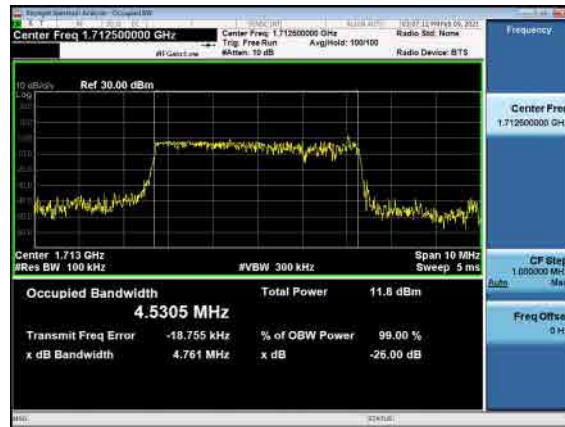
B71_N66(10M)_CP-OFDM_QPSK_High_CH



B71_N66(5M)_DFT-s-OFDM_PI_2-BPSK_Low CH



B71_N66(5M)_DFT-s-OFDM_QPSK_Low CH



B71_N66(5M)_DFT-s-OFDM_16 QAM_Low CH



B71_N66(5M)_DFT-s-OFDM_64 QAM_Low CH



B71_N66(5M)_DFT-s-OFDM_256 QAM_Low CH



B71_N66(5M)_CP-OFDM_QPSK_Low CH



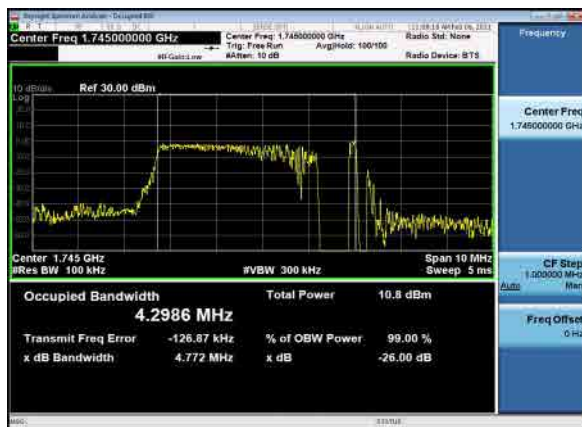
B71_N66(5M)_DFT-s-OFDM_PI_2-BPSK_Mid CH



B71_N66(5M)_DFT-s-OFDM_QPSK_Mid CH



B71_N66(5M)_DFT-s-OFDM_16 QAM_Mid CH



B71_N66(5M)_DFT-s-OFDM_64 QAM_Mid CH



B71_N66(5M)_DFT-s-OFDM_256 QAM_Mid CH



B71_N66(5M)_CP-OFDM_QPSK_Mid CH



B71_N66(5M)_DFT-s-OFDM_PI_2-BPSK_High CH



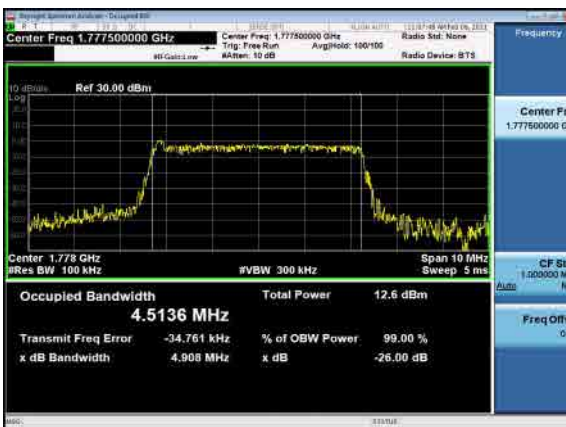
B71_N66(5M)_DFT-s-OFDM_QPSK_High CH



B71_N66(5M)_DFT-s-OFDM_16 QAM_High CH



B71_N66(5M)_DFT-s-OFDM_64 QAM_High CH



B71_N66(5M)_DFT-s-OFDM_256 QAM_High CH



B71_N66(5M)_CP-OFDM_QPSK_High CH





2.3. Frequency Stability

2.3.1. Requirement

According to FCC section 2.1055 & 27.54&24.235, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. According to FCC section 2.1055, the test conditions are:

- (a) The temperature is varied from 0°C to +55°C at intervals of not more than 10°C.
- (b) For hand carried battery powered equipment, the primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacture. The supply voltage shall be measured at the input to the cable normally provided with the equipment, or at the power supply terminals if cables are not normally provided.

2.3.2. Test Description



The EUT which is powered by the DC Power Supply directly, is located in the Temperature Chamber. The EUT is commanded by the System Simulator (SS) to operate at the maximum output power. A call is established between the EUT and the SS via a Common Antenna.

2.3.3. Test procedure

KDB 971168 D01v03 Section 9.0 and ANSI/TIA-603-E-2016.

2.3.4. Test Result

The nominal, highest and lowest extreme voltages are separately 3.85VDC, 4.2VDC and 3.6VDC, which are specified by the applicant; the normal temperature here used is 20°C.



NR n2, QPSK, Channel 376000, SCS 15kHz, Frequency 1880.0MHz					
Limit =±1ppm					
Voltage(%)	Power(VDC)	Temp(°C)	Fre. Dev.(Hz)	Deviation (ppm)	Result
100	3.85	+20 (Ref)	11	0.006	PASS
100		0	19	0.010	
100		+10	11	0.006	
100		+20	14	0.007	
100		+30	-14	-0.007	
100		+40	-19	-0.010	
100		+50	17	0.009	
100		+55	21	0.011	
115	4.40	+20	-15	-0.008	
85	3.30	+20	-24	-0.013	

NR n5, QPSK, Channel 167300, SCS 15kHz, Frequency 836.5MHz					
Limit =±2.5ppm					
Voltage(%)	Power(VDC)	Temp(°C)	Fre. Dev.(Hz)	Deviation (ppm)	Result
100	3.85	+20 (Ref)	-12	-0.014	PASS
100		0	-13	-0.016	
100		+10	12	0.014	
100		+20	-22	-0.026	
100		+30	-19	-0.023	
100		+40	32	0.038	
100		+50	-19	-0.023	
100		+55	44	0.053	
115	4.40	+20	40	0.048	
85	3.30	+20	16	0.019	



NR n25, QPSK, Channel 376500, SCS 15kHz, Frequency 1882.5MHz					
Limit =±1ppm					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.85	+20 (Ref)	27	0.014	PASS
100		0	-14	-0.007	
100		+10	17	0.009	
100		+20	-16	-0.008	
100		+30	17	0.009	
100		+40	32	0.017	
100		+50	35	0.019	
100		+55	13	0.007	
115	4.40	+20	28	0.015	
85	3.30	+20	-16	-0.008	

NR n41, QPSK, Channel 518598, SCS 30kHz, Frequency 2592.99MHz					
Limit =±1ppm					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.85	+20 (Ref)	21	0.008	PASS
100		0	-12	-0.005	
100		+10	16	0.006	
100		+20	33	0.013	
100		+30	-26	-0.010	
100		+40	13	0.005	
100		+50	-30	-0.012	
100		+55	27	0.010	
115	4.40	+20	10	0.004	
85	3.30	+20	12	0.005	



NR n66, QPSK, Channel 349000, SCS 15kHz, Frequency 1745.0MHz					
Limit =±1ppm					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.85	+20 (Ref)	17	0.010	PASS
100		0	20	0.011	
100		+10	10	0.006	
100		+20	24	0.014	
100		+30	10	0.006	
100		+40	21	0.012	
100		+50	15	0.009	
100		+55	-20	-0.011	
115	4.40	+20	-16	-0.009	
85	3.30	+20	13	0.007	

NR n71, QPSK, Channel 136100, SCS 15kHz, Frequency 680.5MHz					
Limit =±2.5ppm					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.85	+20 (Ref)	18	0.026	PASS
100		0	15	0.022	
100		+10	29	0.043	
100		+20	33	0.048	
100		+30	13	0.019	
100		+40	21	0.031	
100		+50	-16	-0.024	
100		+55	20	0.029	
115	4.40	+20	10	0.015	
85	3.30	+20	12	0.018	

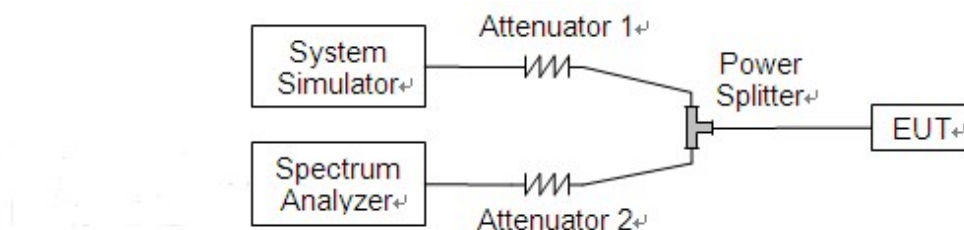
2.4. Peak to Average Radio

2.4.1. Requirement

According to FCC section 24.232(d), the peak to average ratio (PAR) of the transmission may not exceed 13dB.

2.4.2. Test Description

Test Set:



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.

2.4.3. Test procedure

KDB 971168 D01v03 Section 5.7 and ANSI/TIA-603-E-2016.

2.4.4. Test Result

Record the maximum PAPR level associated with a probability of 0.1%.



NR B12_N25					
BW(MHz)	Channel Level	Modulation	Peak to Average Radio(dB)	Limit (dB)	Verdict
5	Low	QPSK	11.75	<=13	PASS
5	Mid	QPSK	11.88	<=13	PASS
5	High	QPSK	11.95	<=13	PASS
10	Low	QPSK	11.77	<=13	PASS
10	Mid	QPSK	11.49	<=13	PASS
10	High	QPSK	11.66	<=13	PASS
15	Low	QPSK	11.26	<=13	PASS
15	Mid	QPSK	10.97	<=13	PASS
15	High	QPSK	11.90	<=13	PASS
20	Low	QPSK	11.69	<=13	PASS
20	Mid	QPSK	11.62	<=13	PASS
20	High	QPSK	11.90		



NR B66_N2					
BW(MHz)	Channel Level	Modulation	Peak to Average Radio(dB)	Limit (dB)	Verdict
5	Low	QPSK	11.75	<=13	PASS
5	Low	BPSK	11.48	<=13	PASS
5	Mid	QPSK	11.95	<=13	PASS
5	Mid	BPSK	11.72	<=13	PASS
5	High	QPSK	11.99	<=13	PASS
5	High	BPSK	11.94	<=13	PASS
10	Low	QPSK	11.67	<=13	PASS
10	Low	BPSK	11.40	<=13	PASS
10	Mid	QPSK	11.63	<=13	PASS
10	Mid	BPSK	11.24	<=13	PASS
10	High	QPSK	11.70	<=13	PASS
10	High	BPSK	11.51	<=13	PASS
15	Low	QPSK	12.08	<=13	PASS
15	Low	BPSK	11.23	<=13	PASS
15	Mid	QPSK	12.16	<=13	PASS
15	Mid	BPSK	11.20	<=13	PASS
15	High	QPSK	11.68	<=13	PASS
15	High	BPSK	11.43	<=13	PASS
20	Low	QPSK	11.68	<=13	PASS
20	Low	BPSK	11.42	<=13	PASS
20	Mid	QPSK	11.54	<=13	PASS
20	Mid	BPSK	11.51	<=13	PASS
20	High	QPSK	11.66	<=13	PASS
20	High	BPSK	11.89	<=13	PASS



NR B66_N5					
BW(MHz)	Channel Level	Modulation	Peak to Average Radio(dB)	Limit (dB)	Verdict
5	Low	QPSK	11.89	<=13	PASS
5	Low	BPSK	10.54	<=13	PASS
5	Mid	QPSK	11.68	<=13	PASS
5	Mid	BPSK	11.86	<=13	PASS
5	High	QPSK	11.77	<=13	PASS
5	High	BPSK	10.67	<=13	PASS
10	Low	QPSK	11.78	<=13	PASS
10	Low	BPSK	11.73	<=13	PASS
10	Mid	QPSK	11.64	<=13	PASS
10	Mid	BPSK	11.48	<=13	PASS
10	High	QPSK	11.59	<=13	PASS
10	High	BPSK	11.41	<=13	PASS
15	Low	QPSK	11.72	<=13	PASS
15	Low	BPSK	11.59	<=13	PASS
15	Mid	QPSK	11.34	<=13	PASS
15	Mid	BPSK	11.25	<=13	PASS
15	High	QPSK	11.62	<=13	PASS
15	High	BPSK	11.43	<=13	PASS
20	Low	QPSK	11.56	<=13	PASS
20	Low	BPSK	11.13	<=13	PASS
20	Mid	QPSK	11.51	<=13	PASS
20	Mid	BPSK	11.70	<=13	PASS
20	High	QPSK	11.81	<=13	PASS
20	High	BPSK	11.92	<=13	PASS

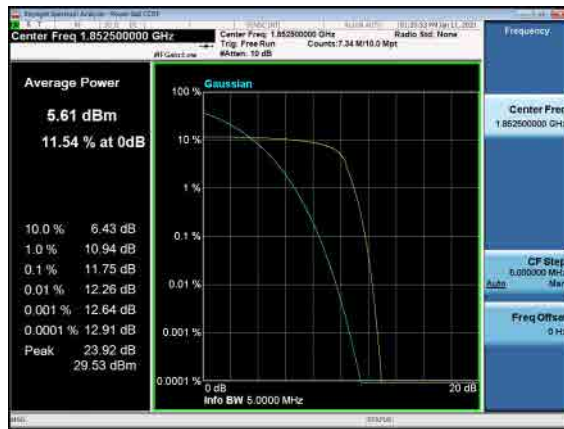


NR B66_N71					
BW(MHz)	Channel Level	Modulation	Peak to Average Radio(dB)	Limit (dB)	Verdict
5	Low	QPSK	11.89	<=13	PASS
5	Low	BPSK	11.48	<=13	PASS
5	Mid	QPSK	11.89	<=13	PASS
5	Mid	BPSK	11.64	<=13	PASS
5	High	QPSK	11.66	<=13	PASS
5	High	BPSK	10.48	<=13	PASS
10	Low	QPSK	11.80	<=13	PASS
10	Low	BPSK	10.87	<=13	PASS
10	Mid	QPSK	11.66	<=13	PASS
10	Mid	BPSK	11.64	<=13	PASS
10	High	QPSK	11.59	<=13	PASS
10	High	BPSK	11.68	<=13	PASS
15	Low	QPSK	11.81	<=13	PASS
15	Low	BPSK	11.80	<=13	PASS
15	Mid	QPSK	11.34	<=13	PASS
15	Mid	BPSK	11.76	<=13	PASS
15	High	QPSK	11.81	<=13	PASS
15	High	BPSK	11.78	<=13	PASS
20	Low	QPSK	11.93	<=13	PASS
20	Low	BPSK	12.56	<=13	PASS
20	Mid	QPSK	11.67	<=13	PASS
20	Mid	BPSK	11.76	<=13	PASS
20	High	QPSK	11.25	<=13	PASS
20	High	BPSK	11.50	<=13	PASS



NR B71_N66					
BW(MHz)	Channel Level	Modulation	Peak to Average Radio(dB)	Limit (dB)	Verdict
5	Low	QPSK	11.90	<=13	PASS
5	Low	BPSK	11.74	<=13	PASS
5	Mid	QPSK	12.02	<=13	PASS
5	Mid	BPSK	10.84	<=13	PASS
5	High	QPSK	11.69	<=13	PASS
5	High	BPSK	11.64	<=13	PASS
10	Low	QPSK	11.69	<=13	PASS
10	Low	BPSK	8.42	<=13	PASS
10	Mid	QPSK	11.66	<=13	PASS
10	Mid	BPSK	11.65	<=13	PASS
10	High	QPSK	11.60	<=13	PASS
10	High	BPSK	11.50	<=13	PASS
15	Low	QPSK	11.67	<=13	PASS
15	Low	BPSK	12.06	<=13	PASS
15	Mid	QPSK	11.43	<=13	PASS
15	Mid	BPSK	11.87	<=13	PASS
15	High	QPSK	11.70	<=13	PASS
15	High	BPSK	11.55	<=13	PASS
20	Low	QPSK	11.52	<=13	PASS
20	Low	BPSK	11.89	<=13	PASS
20	Mid	QPSK	11.56	<=13	PASS
20	Mid	BPSK	11.79	<=13	PASS
20	High	QPSK	11.32	<=13	PASS
20	High	BPSK	11.42	<=13	PASS

B12_N25(5M)_DFT-s-OFDM_QPSK_Low CH



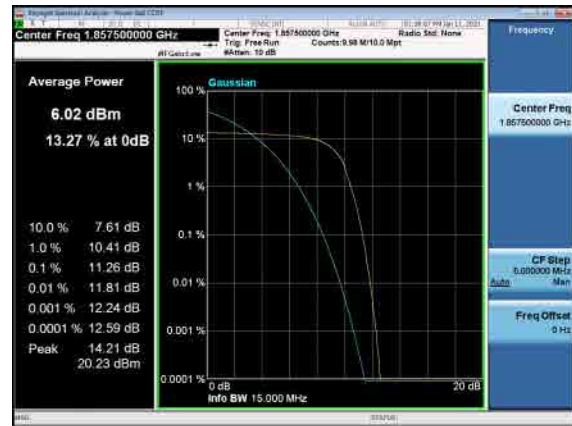
B12_N25(5M)_DFT-s-OFDM_QPSK_Mid CH



B12_N25(5M)_DFT-s-OFDM_QPSK_High CH



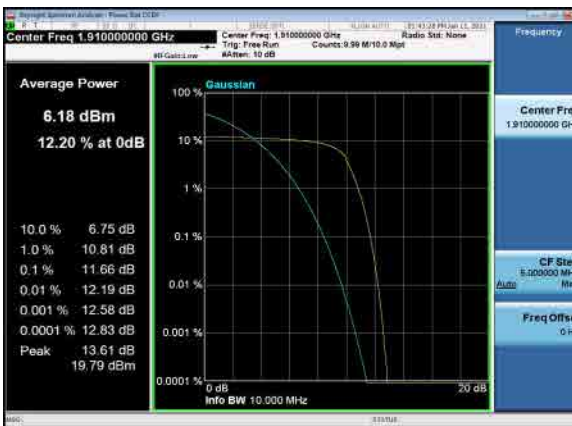
B12_N25(10M)_DFT-s-OFDM_QPSK_Low CH



B12_N25(10M)_DFT-s-OFDM_QPSK_Mid CH

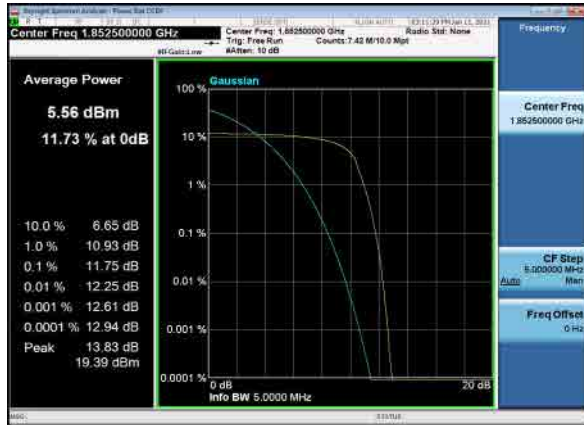


B12_N25(10M)_DFT-s-OFDM_QPSK_High CH





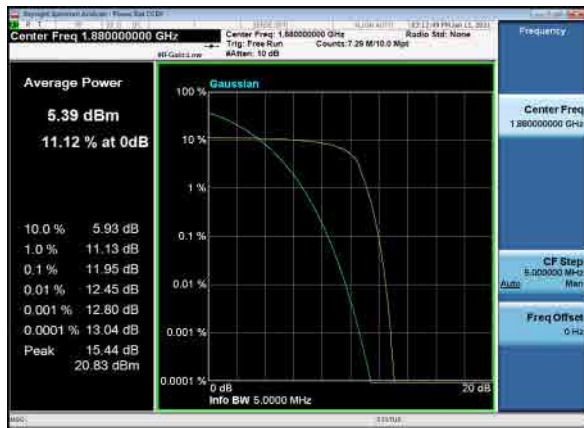
B66_N2(5M)_DFT-s-OFDM_QPSK_ Low CH



B66_N2(5M)_DFT-s-OFDM_BPSK_ Low CH



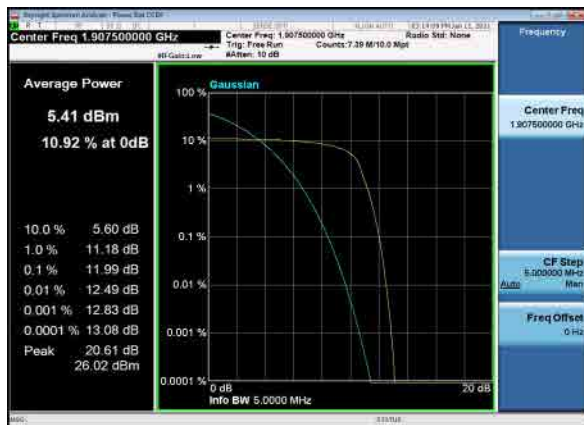
B66_N2(5M)_DFT-s-OFDM_QPSK_ Mid CH



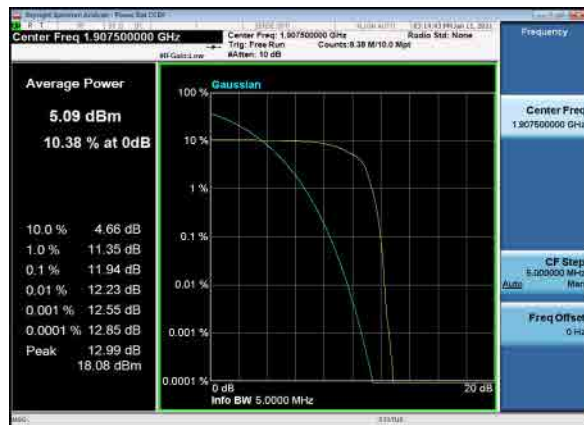
B66_N2(5M)_DFT-s-OFDM_BPSK_ Mid CH



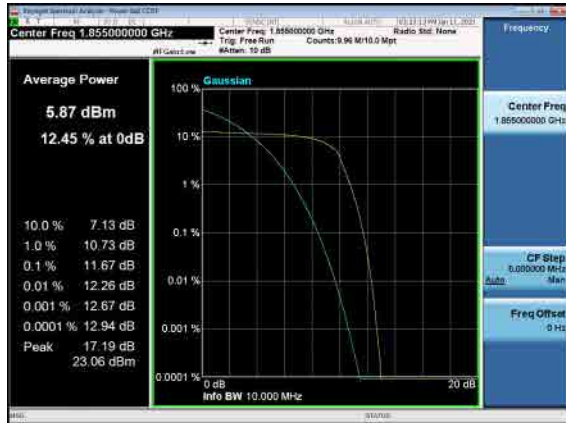
B66_N2(5M)_DFT-s-OFDM_QPSK_ High CH



B66_N2(5M)_DFT-s-OFDM_BPSK_ High CH



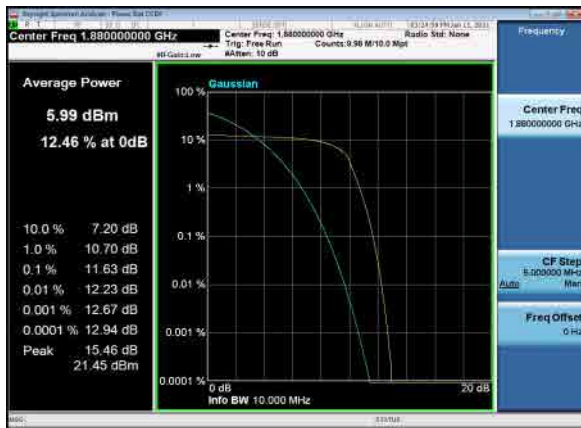
B66_N2(10M)_DFT-s-OFDM_QPSK_ Low CH



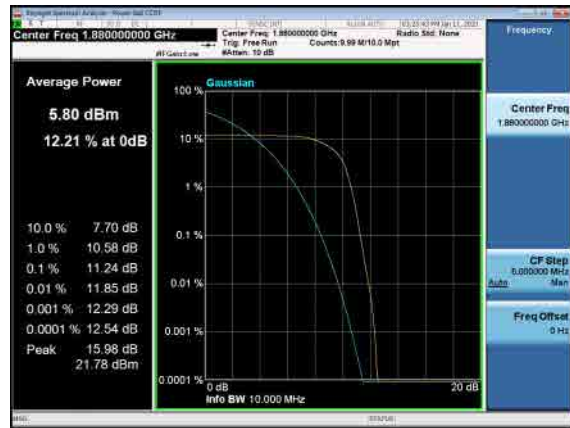
B66_N2(10M)_DFT-s-OFDM_BPSK_ Low CH



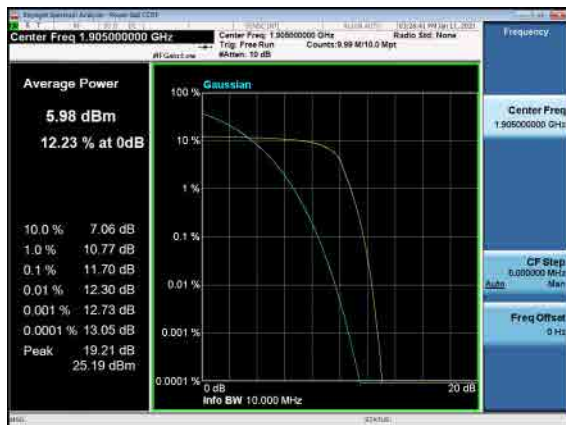
B66_N2(10M)_DFT-s-OFDM_QPSK_ Mid CH



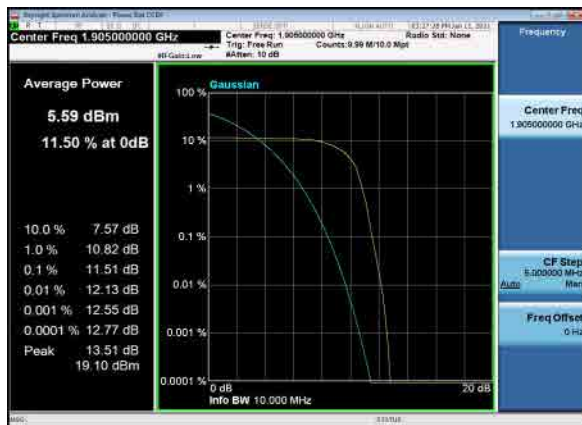
B66_N2(10M)_DFT-s-OFDM_BPSK_ Mid CH



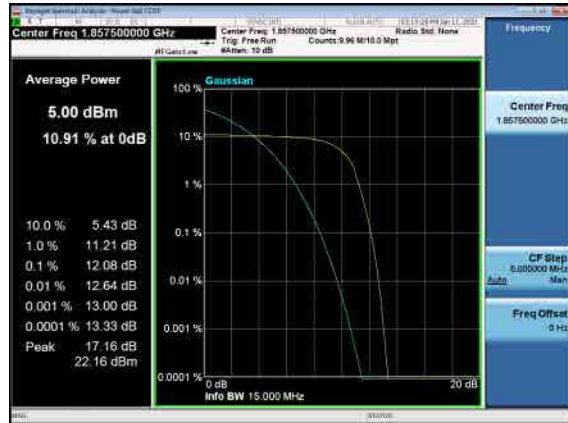
B66_N2(10M)_DFT-s-OFDM_QPSK_ High CH



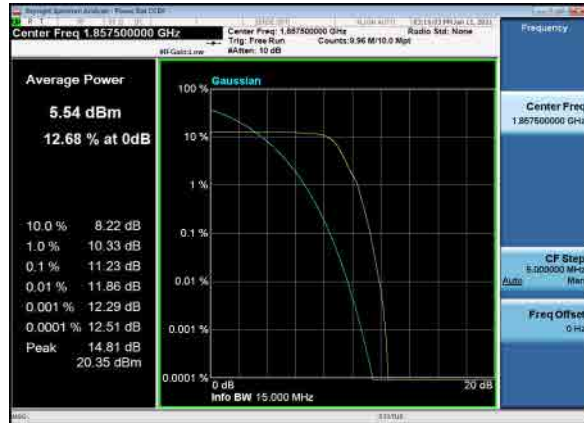
B66_N2(10M)_DFT-s-OFDM_BPSK_ High CH



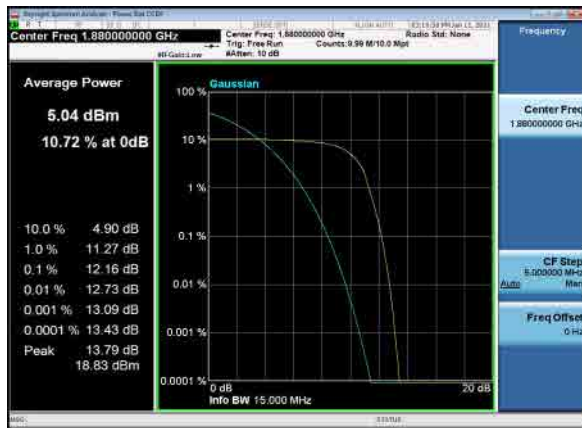
B66_N2(15M)_DFT-s-OFDM_QPSK_ Low CH



B66_N2(15M)_DFT-s-OFDM_BPSK_ Low CH



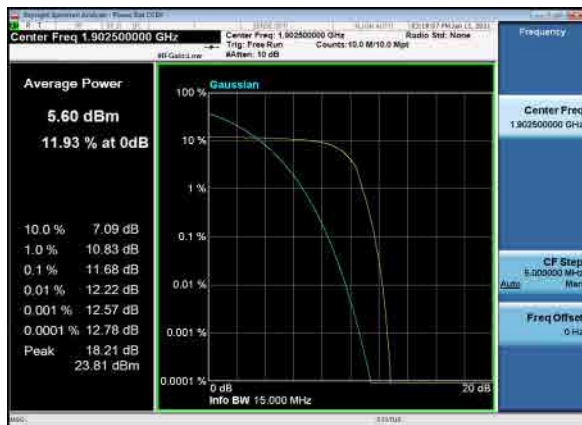
B66_N2(15M)_DFT-s-OFDM_QPSK_ Mid CH



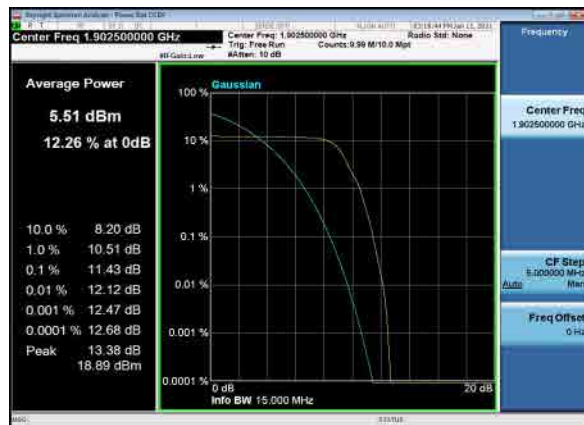
B66_N2(15M)_DFT-s-OFDM_BPSK_ Mid CH



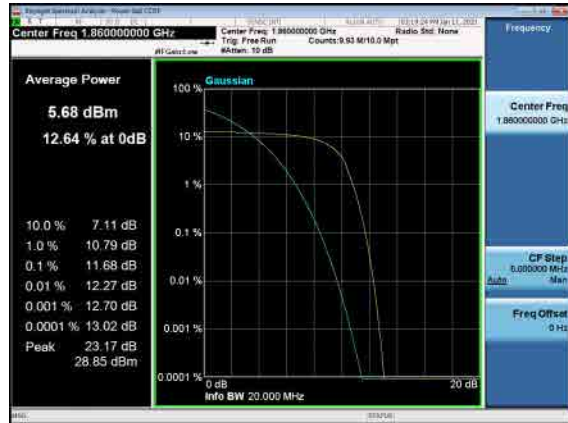
B66_N2(15M)_DFT-s-OFDM_QPSK_ High CH



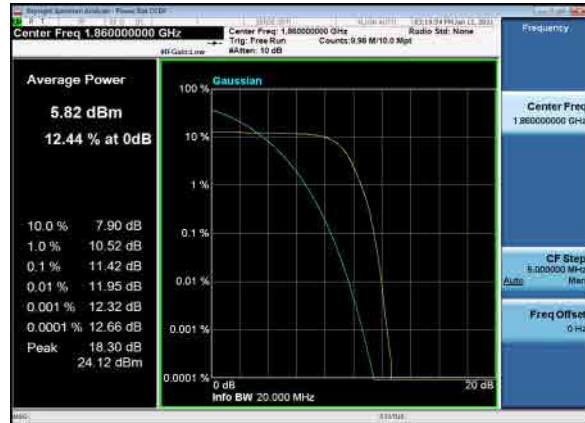
B66_N2(15M)_DFT-s-OFDM_BPSK_ High CH



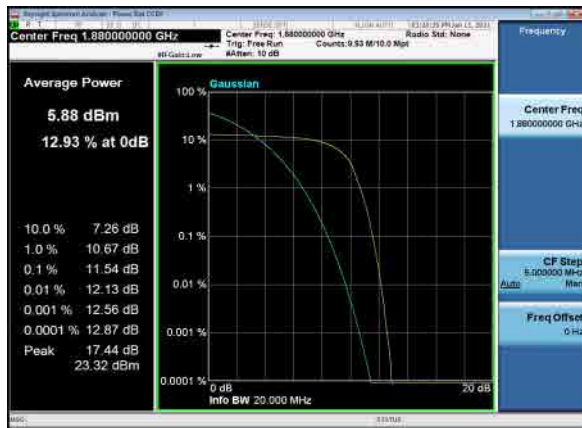
B66_N2(20M)_DFT-s-OFDM_QPSK_ Low CH



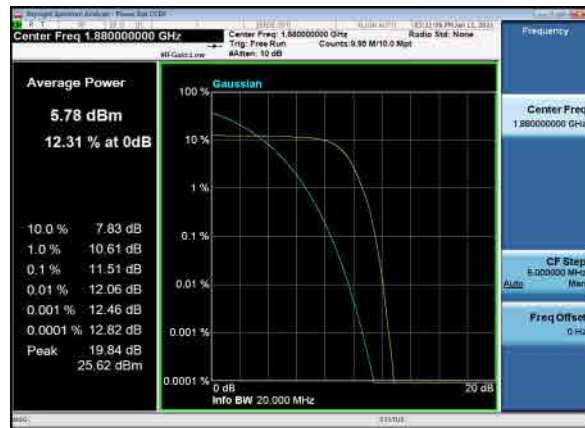
B66_N2(20M)_DFT-s-OFDM_BPSK_ Low CH



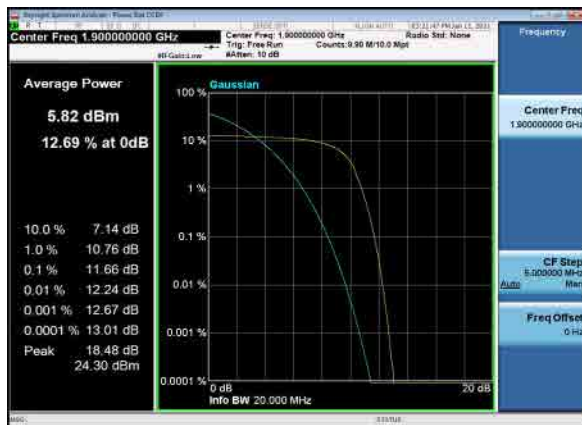
B66_N2(20M)_DFT-s-OFDM_QPSK_ Mid CH



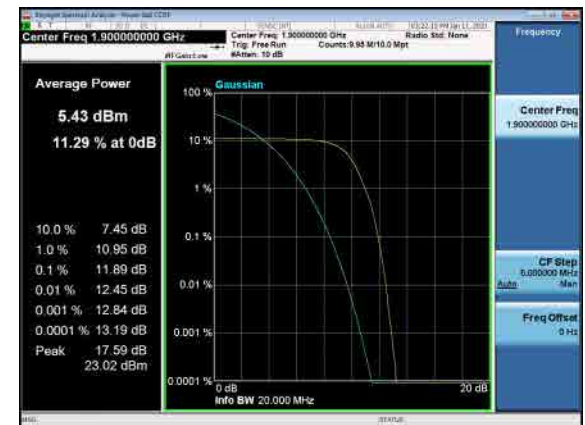
B66_N2(20M)_DFT-s-OFDM_BPSK_ Mid CH



B66_N2(20M)_DFT-s-OFDM_QPSK_ High CH



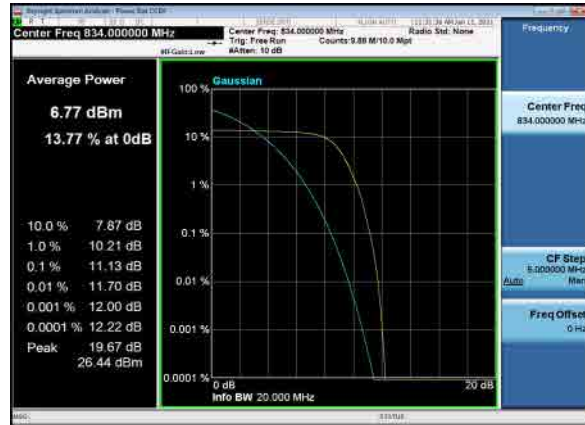
B66_N2(20M)_DFT-s-OFDM_BPSK_ High CH



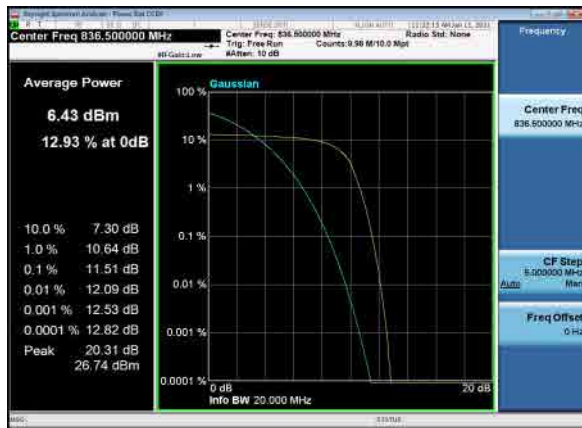
B66_N5(20M)_DFT-s-OFDM_QPSK_ Low CH



B66_N5(20M)_DFT-s-OFDM_BPSK_ Low CH



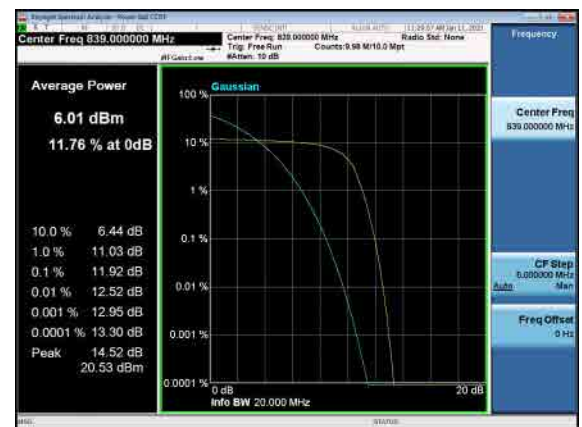
B66_N5(20M)_DFT-s-OFDM_QPSK_ Mid CH



B66_N5(20M)_DFT-s-OFDM_BPSK_ Mid CH



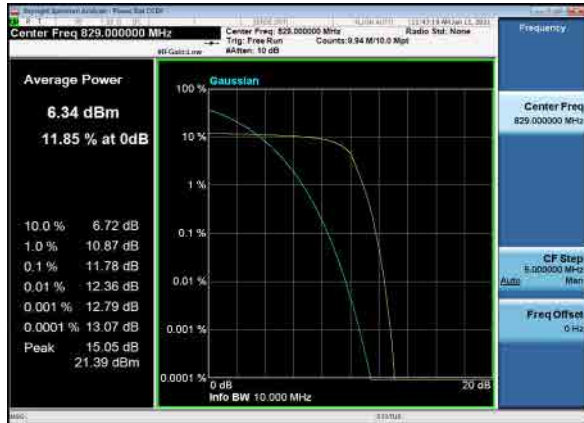
B66_N5(20M)_DFT-s-OFDM_QPSK_ High CH



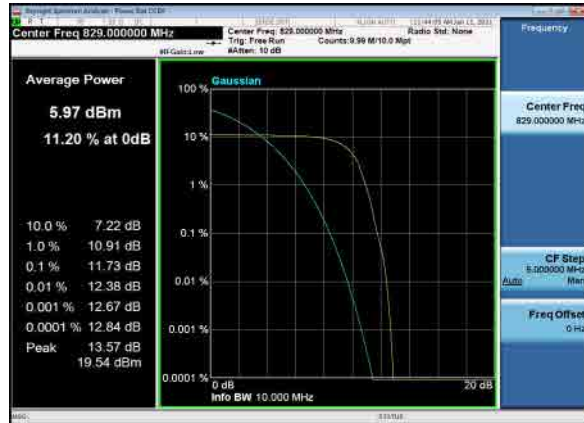
B66_N5(20M)_DFT-s-OFDM_BPSK_ High CH



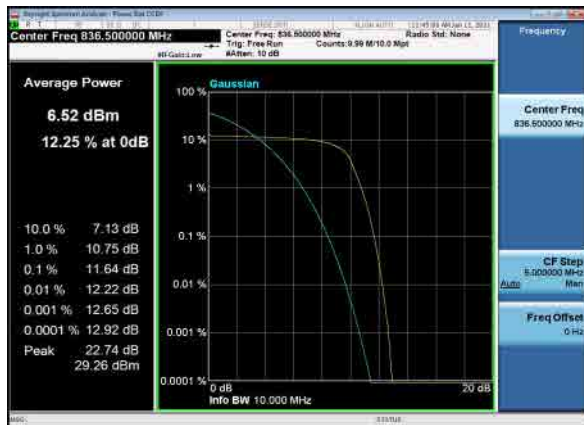
B66_N5(10M)_DFT-s-OFDM_QPSK_ Low CH



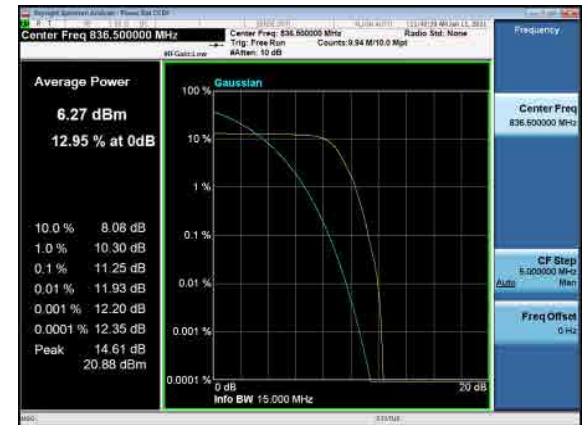
B66_N5(10M)_DFT-s-OFDM_BPSK_ Low CH



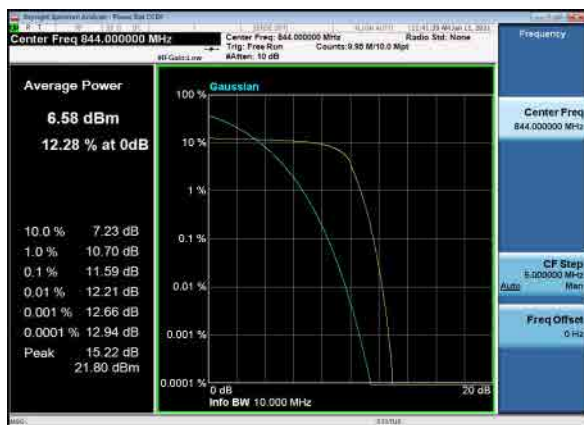
B66_N5(10M)_DFT-s-OFDM_QPSK_ Mid CH



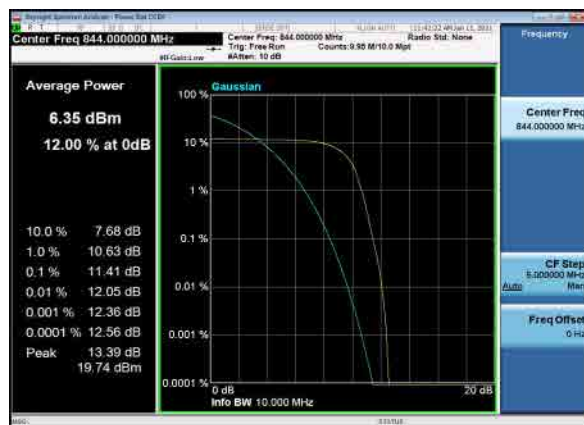
B66_N5(10M)_DFT-s-OFDM_BPSK_ Mid CH



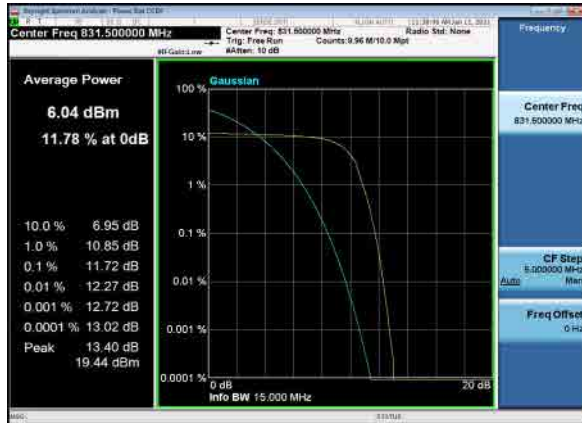
B66_N5(10M)_DFT-s-OFDM_QPSK_ High CH



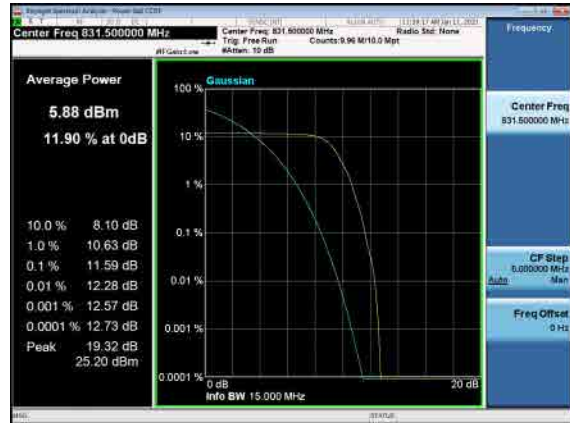
B66_N5(10M)_DFT-s-OFDM_BPSK_ High CH



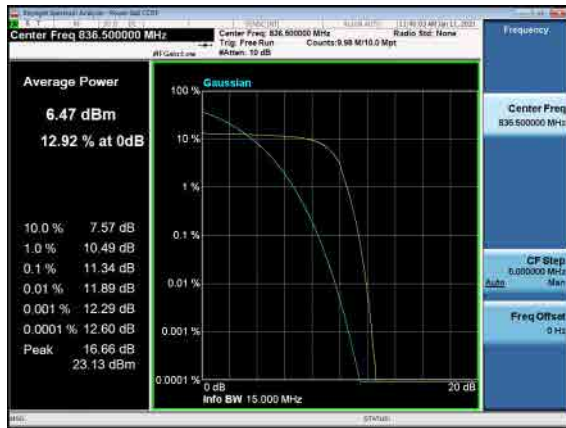
B66_N5(15M)_DFT-s-OFDM_QPSK_ Low CH



B66_N5(15M)_DFT-s-OFDM_BPSK_ Low CH



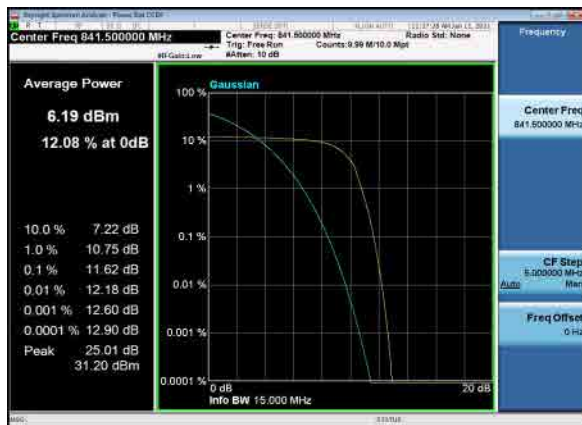
B66_N5(15M)_DFT-s-OFDM_QPSK_ Mid CH



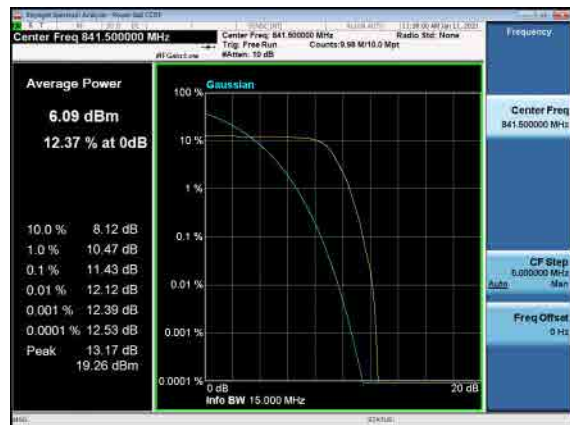
B66_N5(15M)_DFT-s-OFDM_BPSK_ Mid CH



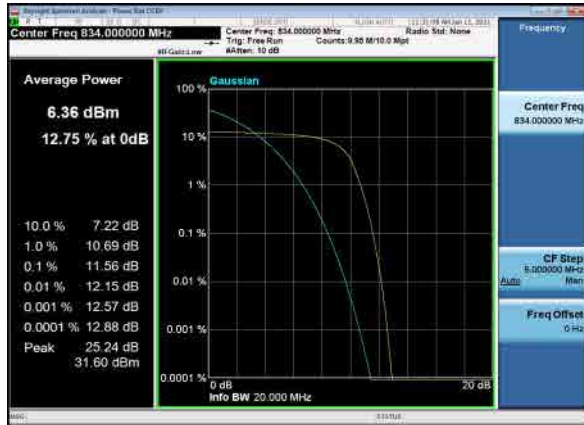
B66_N5(15M)_DFT-s-OFDM_QPSK_ High CH



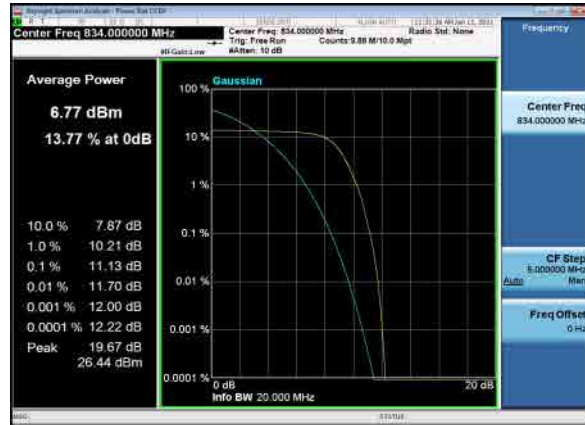
B66_N5(15M)_DFT-s-OFDM_BPSK_ High CH



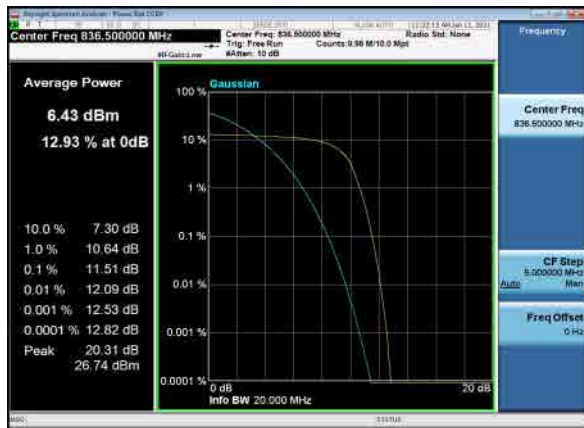
B66_N5(20M)_DFT-s-OFDM_QPSK_ Low CH



B66_N5(20M)_DFT-s-OFDM_BPSK_ Low CH



B66_N5(20M)_DFT-s-OFDM_QPSK_ Mid CH



B66_N5(20M)_DFT-s-OFDM_BPSK_ Mid CH



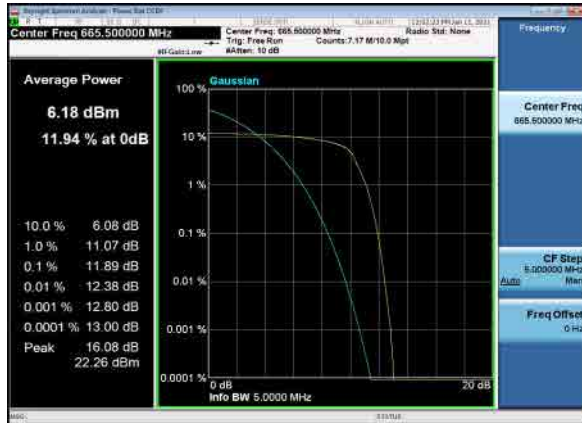
B66_N5(20M)_DFT-s-OFDM_QPSK_ High CH



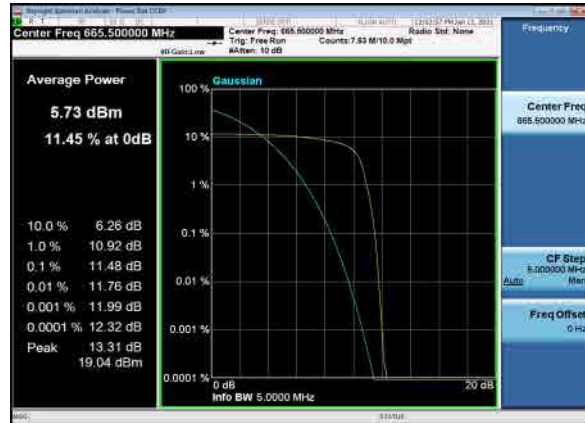
B66_N5(20M)_DFT-s-OFDM_BPSK_ High CH



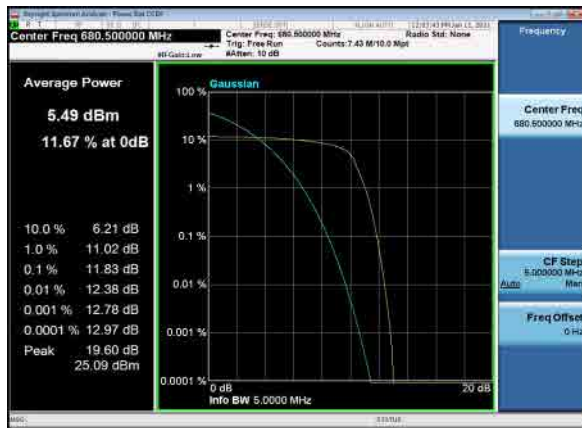
B66_N71(5M)_DFT-s-OFDM_QPSK_ Low CH



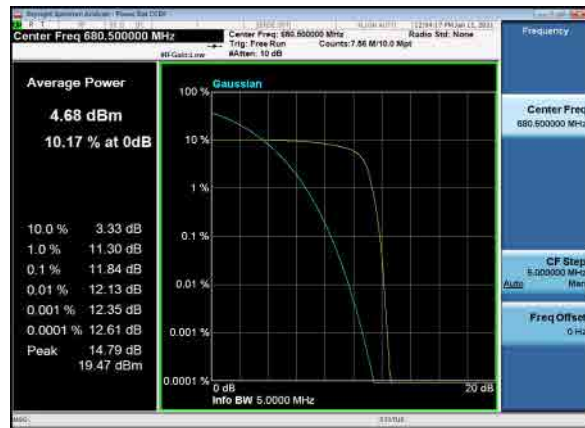
B66_N71(5M)_DFT-s-OFDM_BPSK_ Low CH



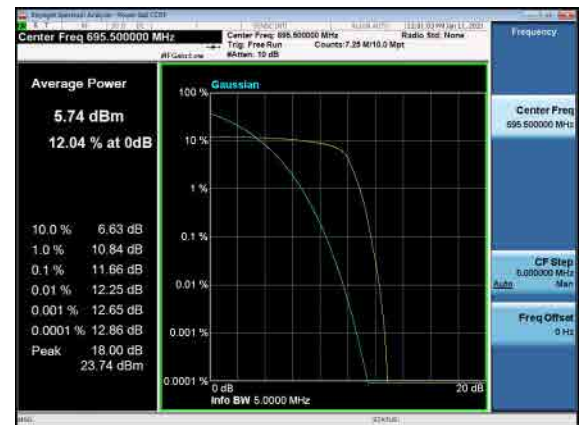
B66_N71(5M)_DFT-s-OFDM_QPSK_ Mid CH



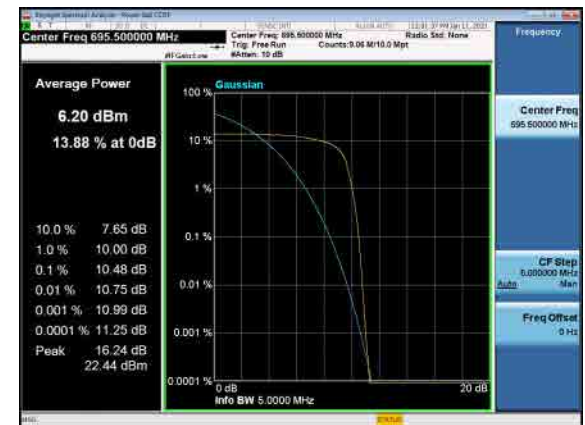
B66_N71(5M)_DFT-s-OFDM_BPSK_ Mid CH



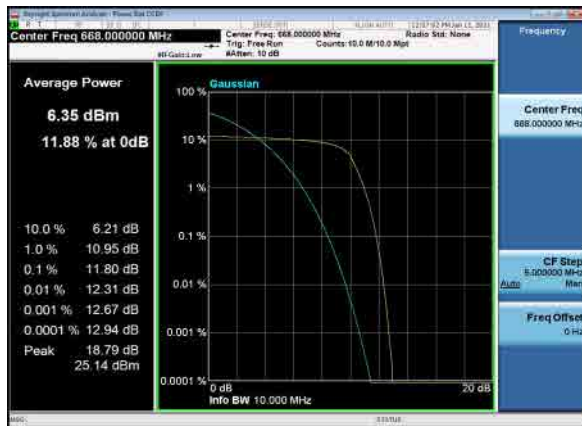
B66_N71(5M)_DFT-s-OFDM_QPSK_ High CH



B66_N71(5M)_DFT-s-OFDM_BPSK_ High CH



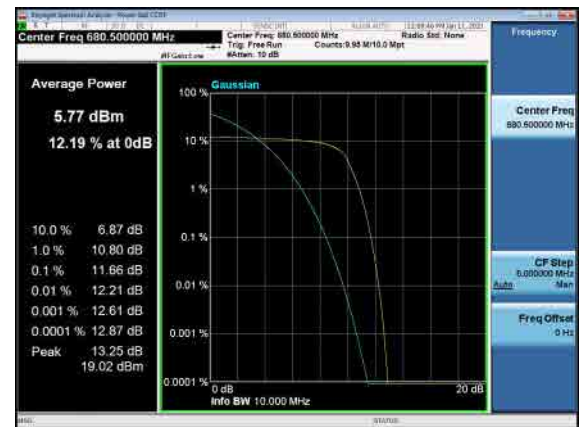
B66_N71(10M)_DFT-s-OFDM_QPSK_ Low CH



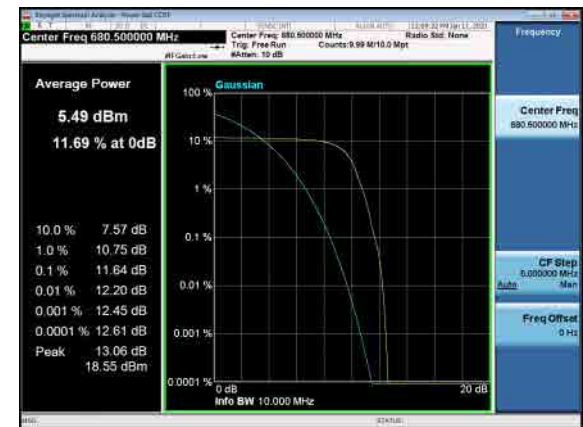
B66_N71(10M)_DFT-s-OFDM_BPSK_ Low CH



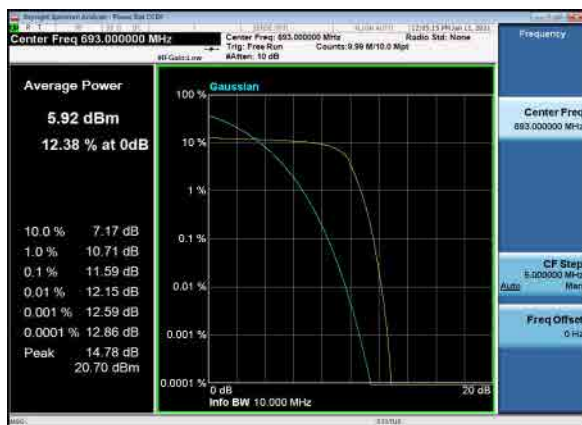
B66_N71(10M)_DFT-s-OFDM_QPSK_ Mid CH



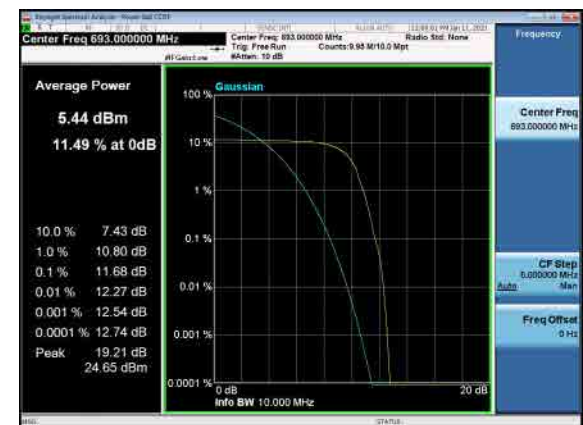
B66_N71(10M)_DFT-s-OFDM_BPSK_ Mid CH



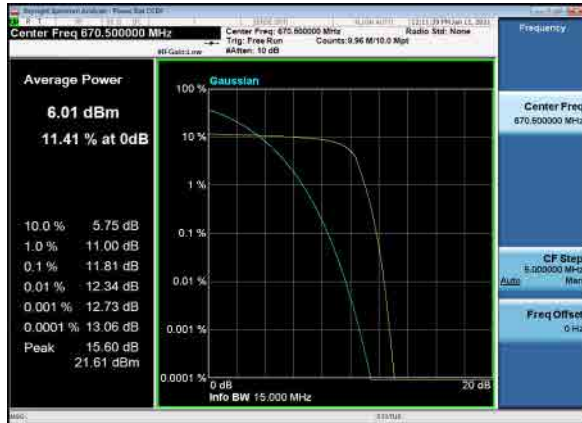
B66_N71(10M)_DFT-s-OFDM_QPSK_ High CH



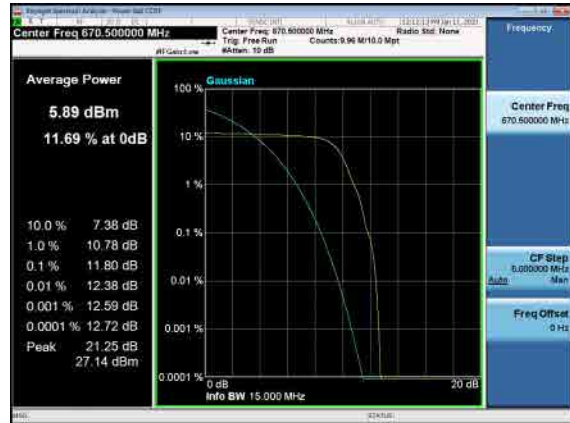
B66_N71(10M)_DFT-s-OFDM_BPSK_ High CH



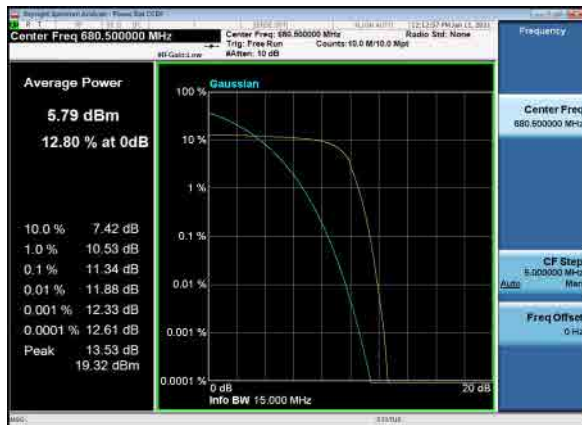
B66_N71(15M)_DFT-s-OFDM_QPSK_ Low CH



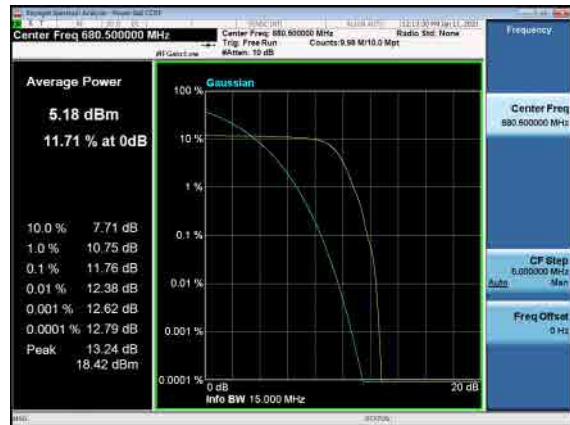
B66_N71(15M)_DFT-s-OFDM_BPSK_ Low CH



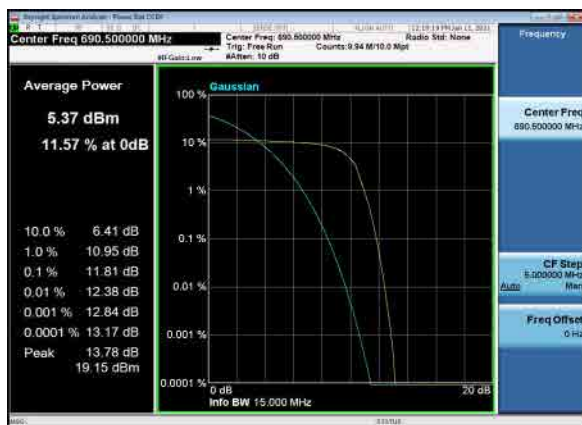
B66_N71(15M)_DFT-s-OFDM_QPSK_ Mid CH



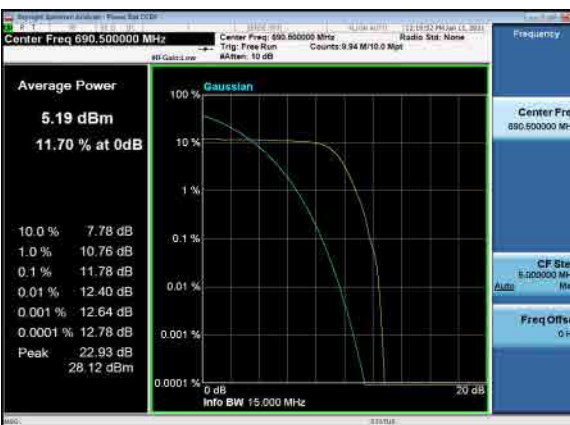
B66_N71(15M)_DFT-s-OFDM_BPSK_ Mid CH



B66_N71(15M)_DFT-s-OFDM_QPSK_ High CH

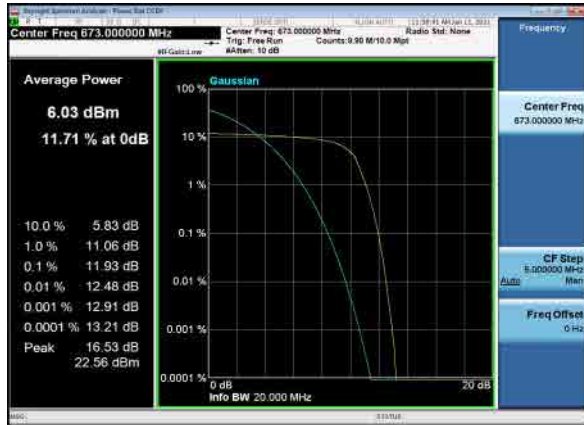


B66_N71(15M)_DFT-s-OFDM_BPSK_ High CH





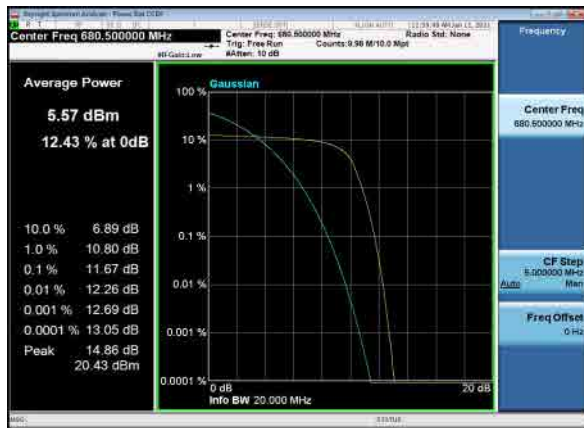
B66_N71(20M)_DFT-s-OFDM_QPSK_ Low CH



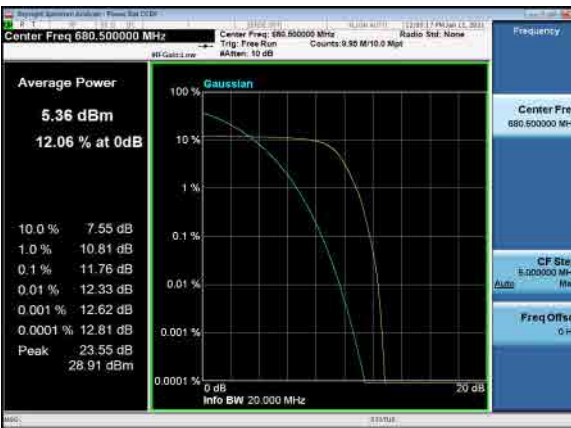
B66_N71(20M)_DFT-s-OFDM_BPSK_ Low CH



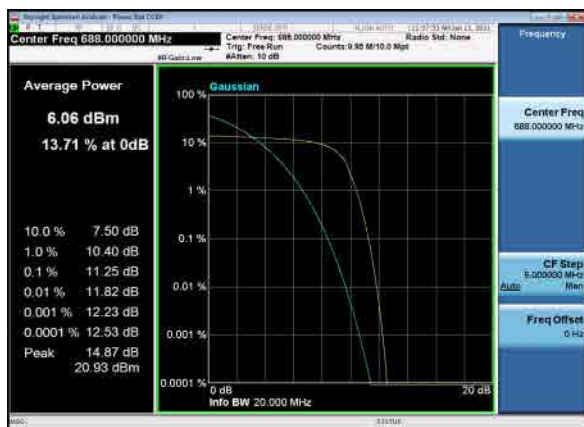
B66_N71(20M)_DFT-s-OFDM_QPSK_ Mid CH



B66_N71(20M)_DFT-s-OFDM_BPSK_ Mid CH



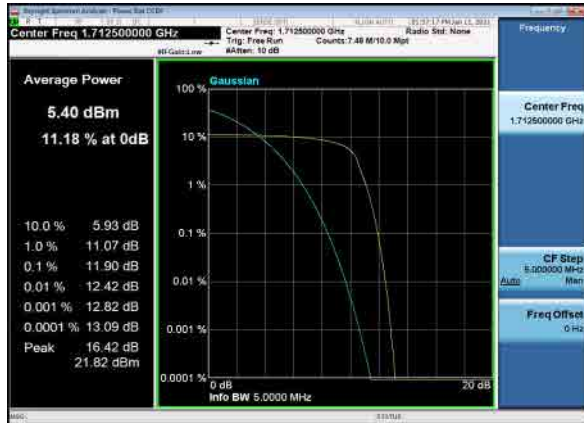
B66_N71(20M)_DFT-s-OFDM_QPSK_ High CH



B66_N71(20M)_DFT-s-OFDM_BPSK_ High CH



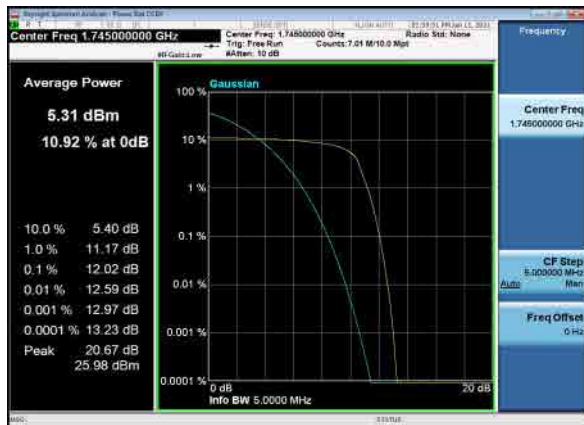
B71_N66(5M)_DFT-s-OFDM_QPSK_ Low CH



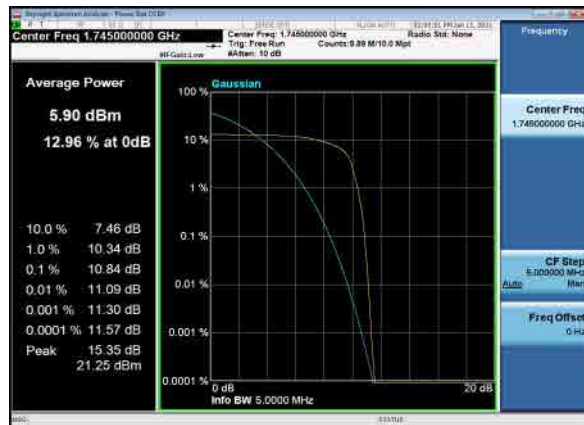
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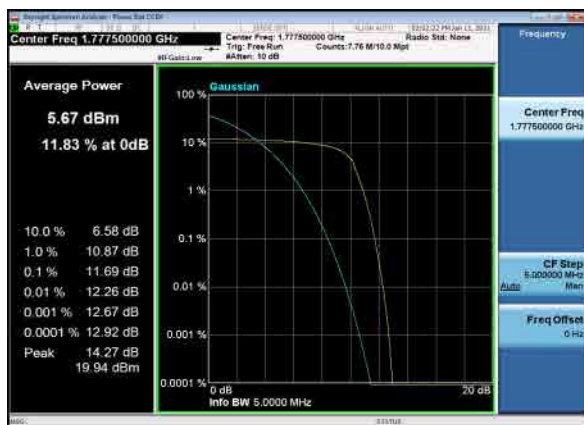
B71_N66(5M)_DFT-s-OFDM_QPSK_ Mid CH



B71_N66(5M)_DFT-s-OFDM_BPSK_ Mid CH



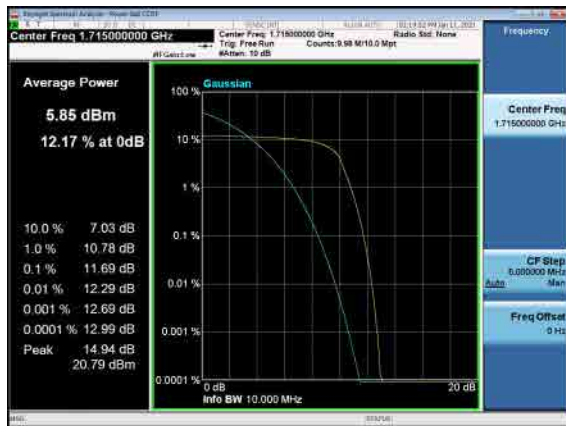
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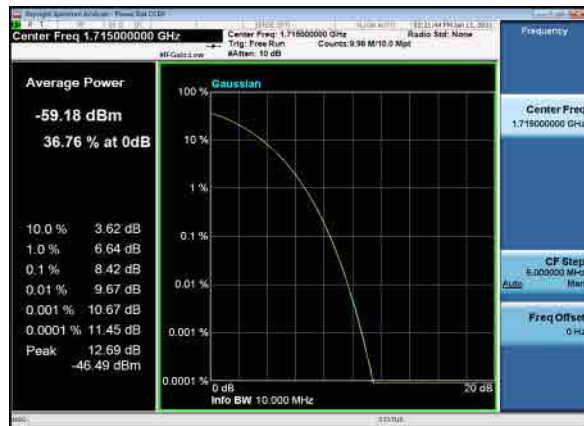
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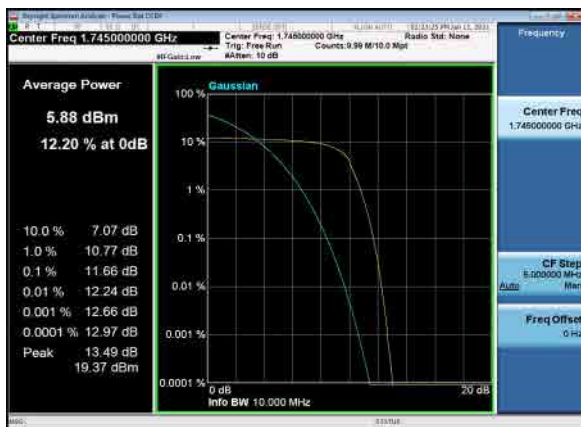
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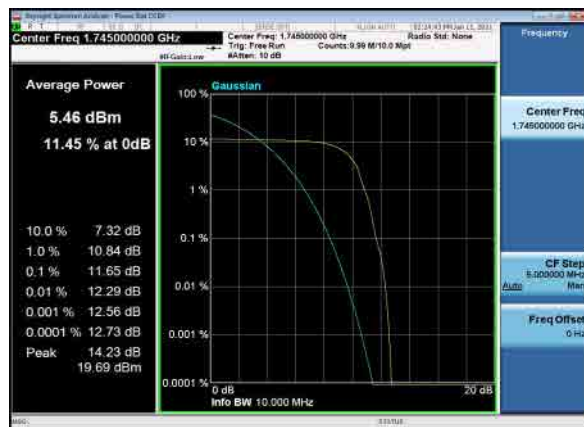
B71_N66(10M)_DFT-s-OFDM_BPSK_ Low CH



B71_N66(10M)_DFT-s-OFDM_QPSK_ Mid CH



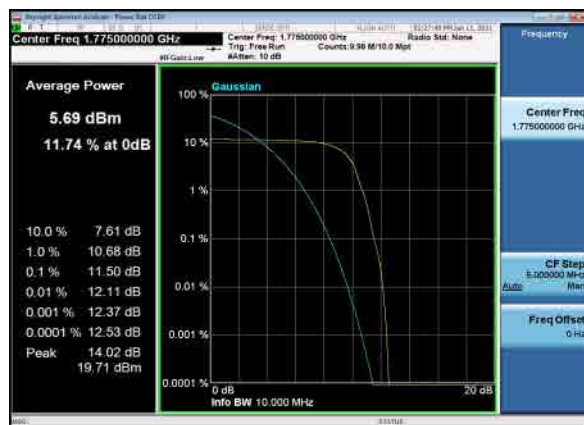
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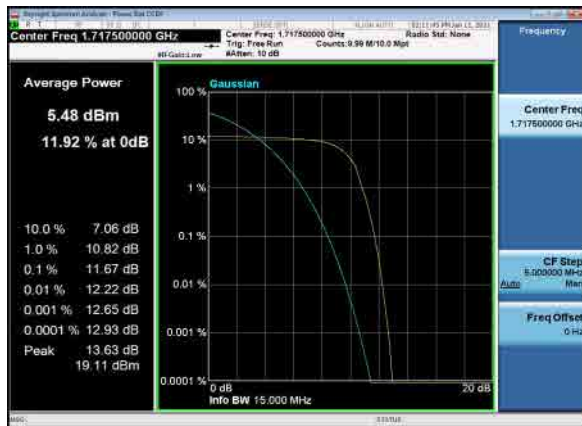
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B71_N66(10M)_DFT-s-OFDM_BPSK_ High CH



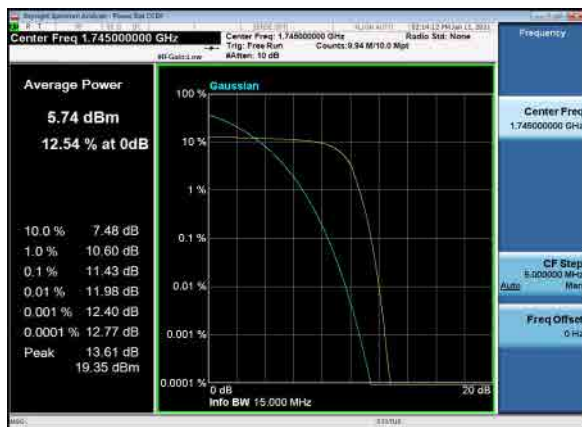
B71_N66(15M)_DFT-s-OFDM_QPSK_ Low CH



B71_N66(15M)_DFT-s-OFDM_BPSK_ Low CH



B71_N66(15M)_DFT-s-OFDM_QPSK_ Mid CH



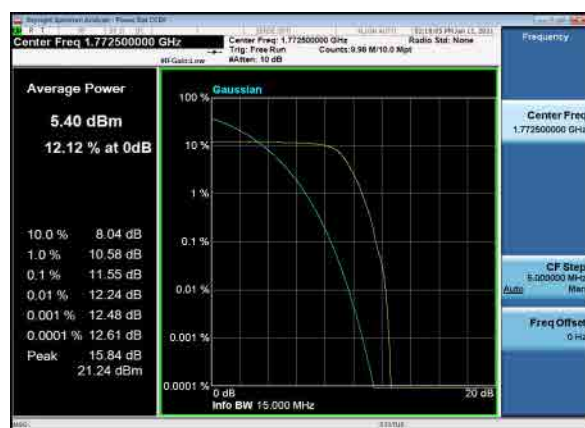
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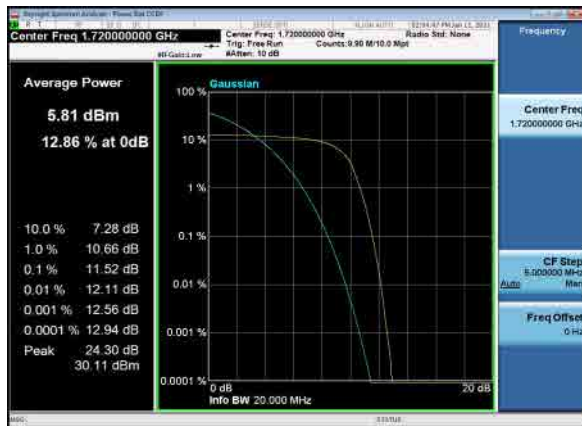
B71_N66(15M)_DFT-s-OFDM_QPSK_ High CH



B71_N66(15M)_DFT-s-OFDM_BPSK_ High CH



B71_N66(20M)_DFT-s-OFDM_QPSK_ Low CH



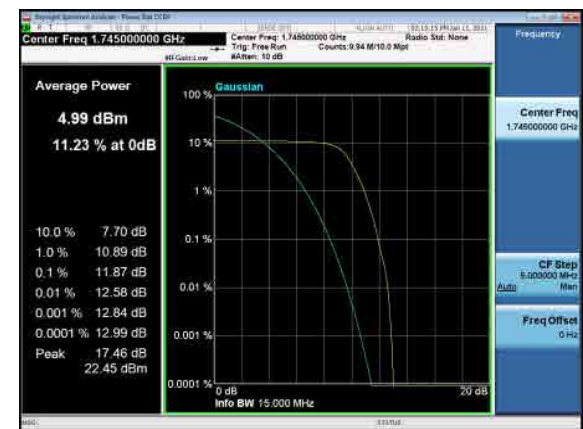
B71_N66(20M)_DFT-s-OFDM_BPSK_ Low CH



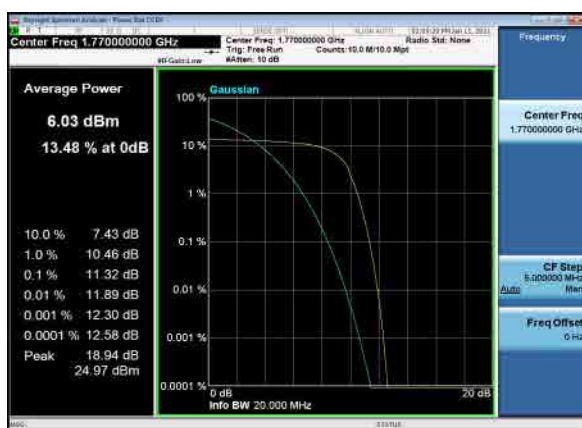
B71_N66(20M)_DFT-s-OFDM_QPSK_ Mid CH



B71_N66(20M)_DFT-s-OFDM_BPSK_ Mid CH



B71_N66(20M)_DFT-s-OFDM_QPSK_ High CH



B71_N66(20M)_DFT-s-OFDM_BPSK_ High CH



2.5. Conducted Spurious Emissions

2.5.1. Requirement

According to FCC section 2.1051, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB. This calculated to be -13dBm.

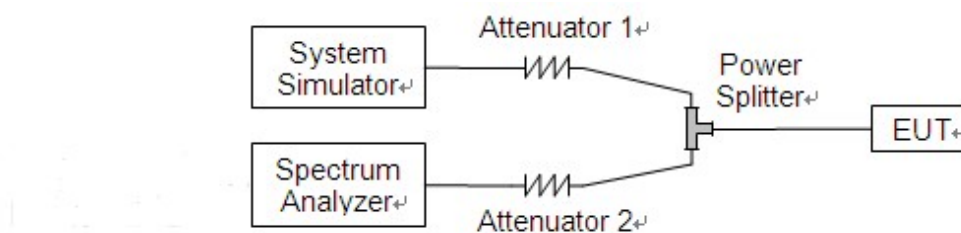
Additional requirement for LTE Band 7/38/41:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $55 + 10 \log(P)$ dB. This calculated to be -25dBm.

Additional requirement for LTE Band 30/40:

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least $70 + 10 \log(P)$ dB. This calculated to be -40dBm.

2.5.2. Test Description



The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50 Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum output power. A call is established between the EUT and the SS.



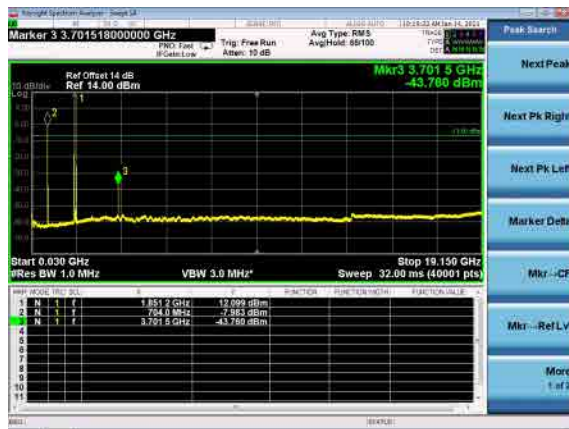
REPORT No.: SZ20100013W10

2.5.3. Test procedure

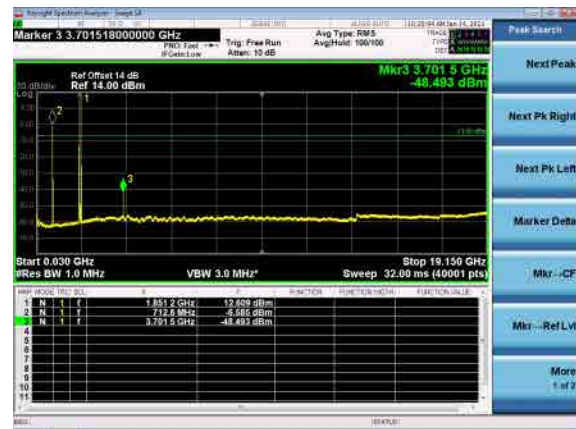
KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

2.5.4. Test Result

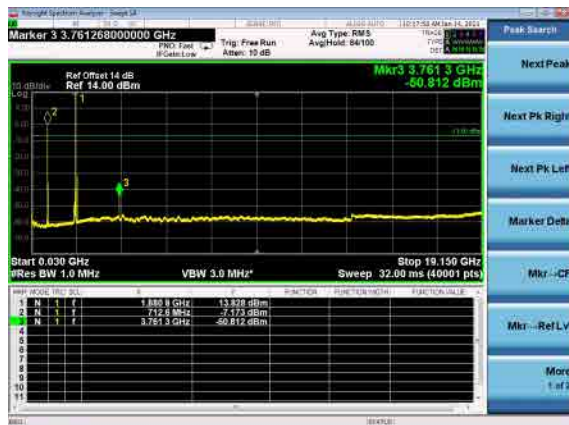
B12_N25(5M)_DFT-s-OFDM_BPSK_Low_CH



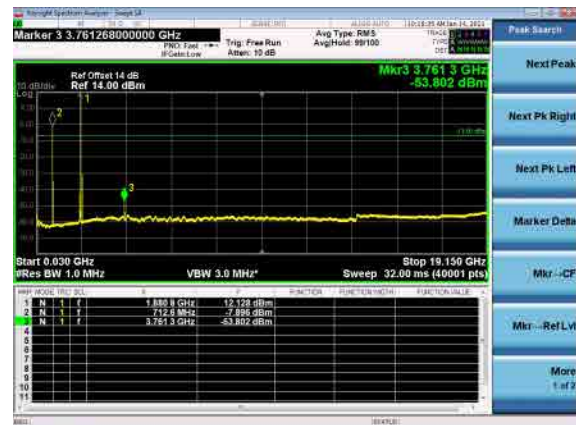
B12_N25(5M)_DFT-s-OFDM_QPSK_Low_CH



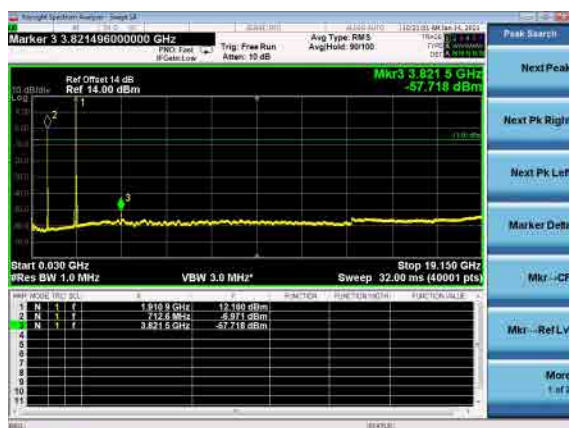
B12_N25(5M)_DFT-s-OFDM_BPSK_Mid_CH



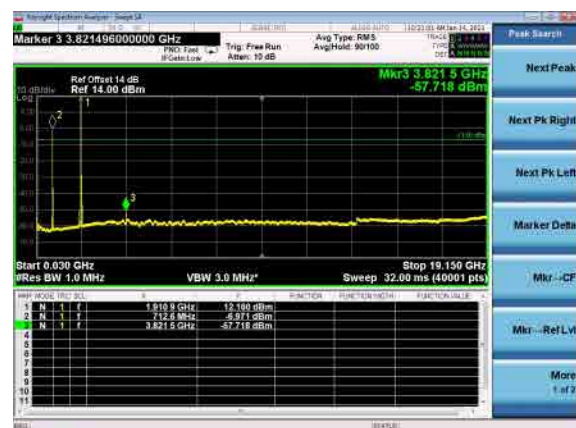
B12_N25(5M)_DFT-s-OFDM_QPSK_Mid_CH



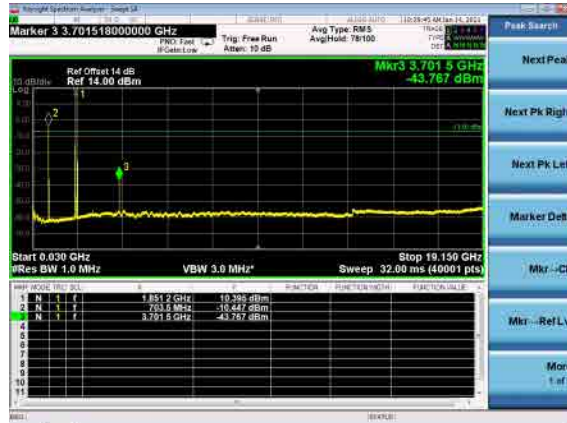
B12_N25(5M)_DFT-s-OFDM_BPSK_High_CH



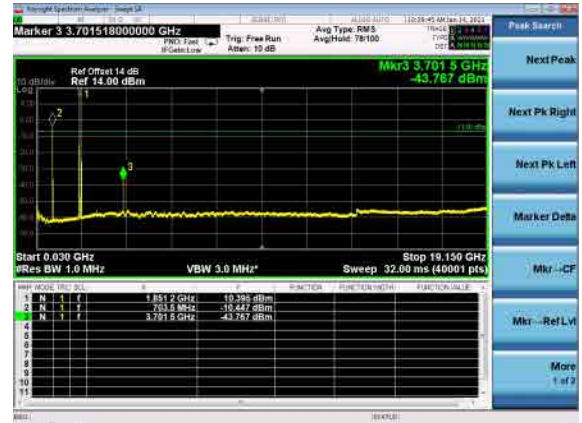
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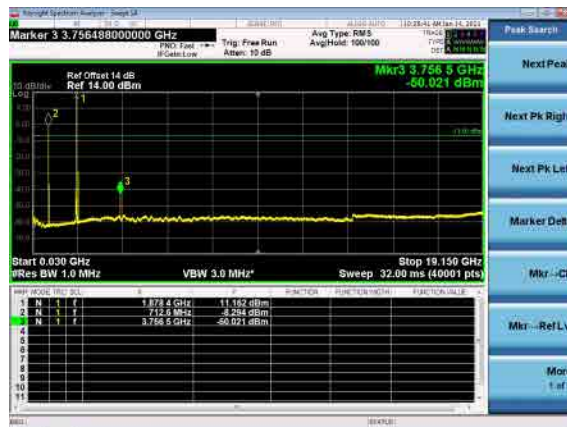
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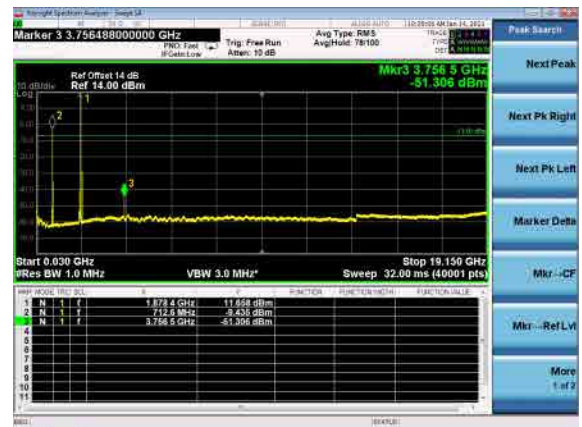
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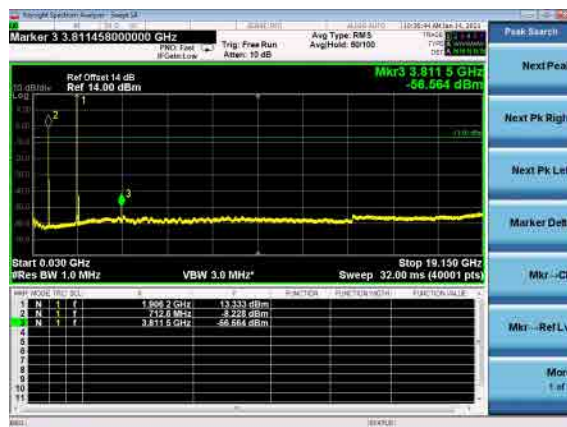
B12_N25(10M)_DFT-s-OFDM_BPSK_Mid_CH



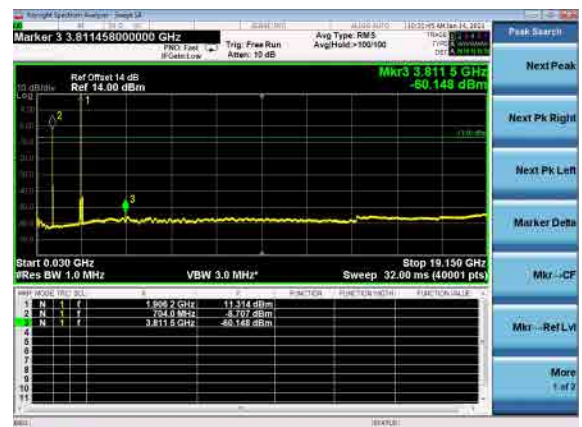
B12_N25(10M)_DFT-s-OFDM_QPSK_Mid_CH



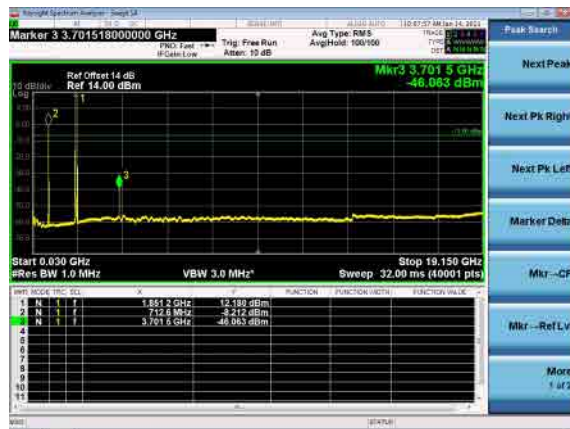
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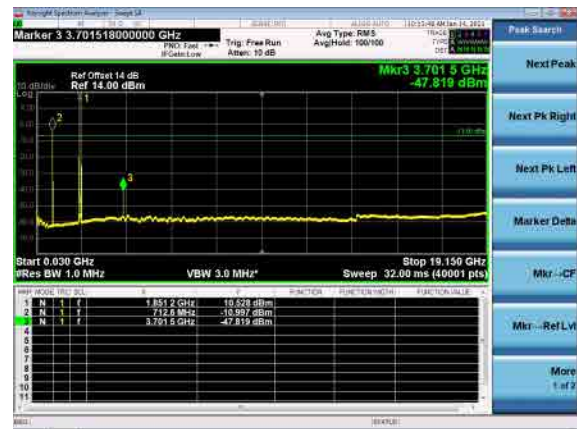
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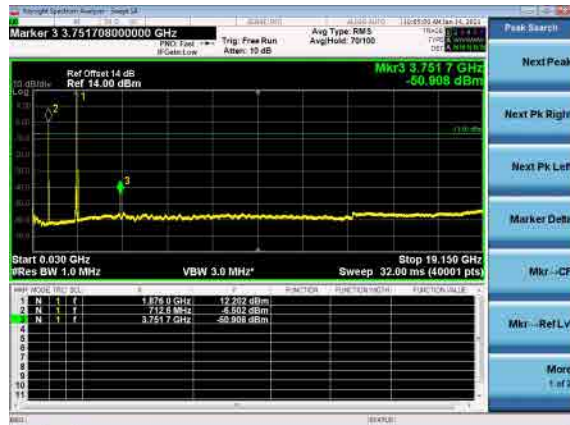
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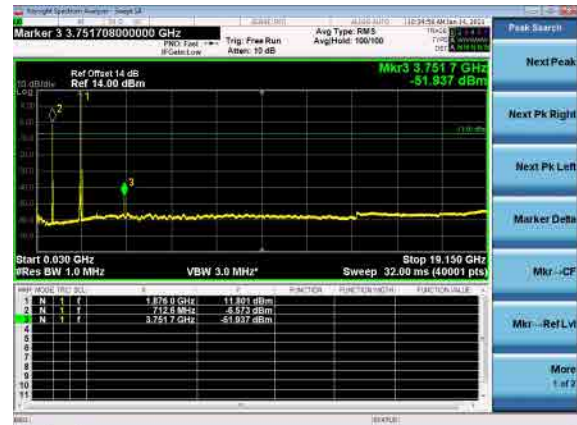
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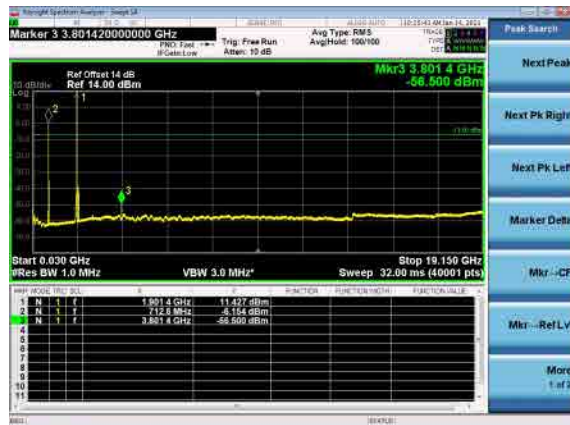
B12_N25(15M)_DFT-s-OFDM_BPSK_Mid_CH



B12_N25(15M)_DFT-s-OFDM_QPSK_Mid_CH



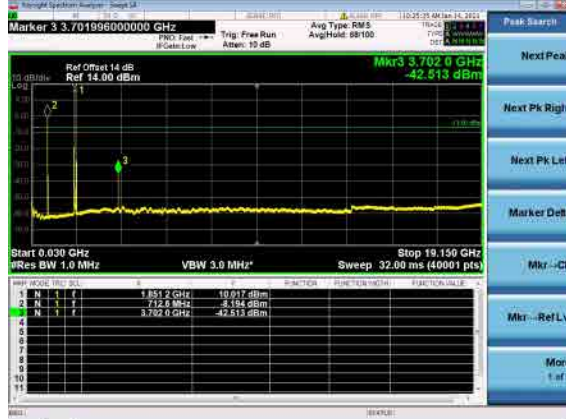
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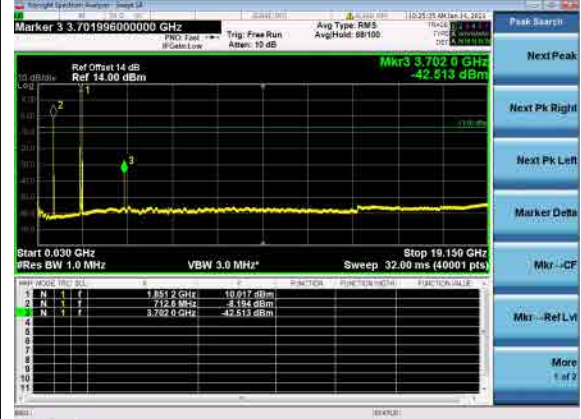
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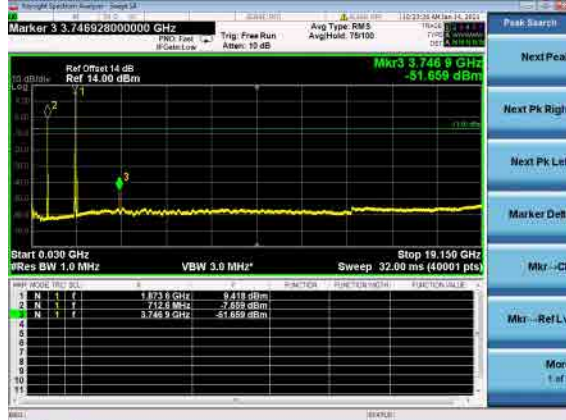
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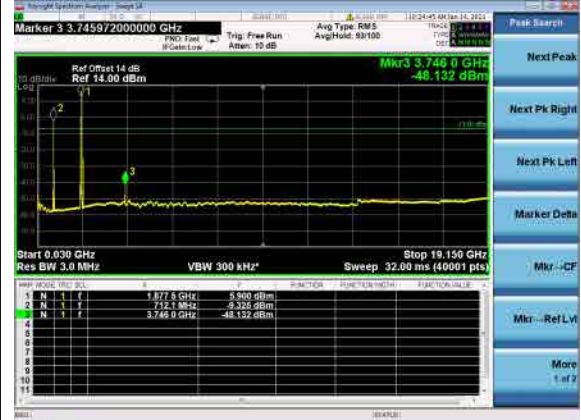
B12_N25(20M)_DFT-s-OFDM_QPSK_Low_CH



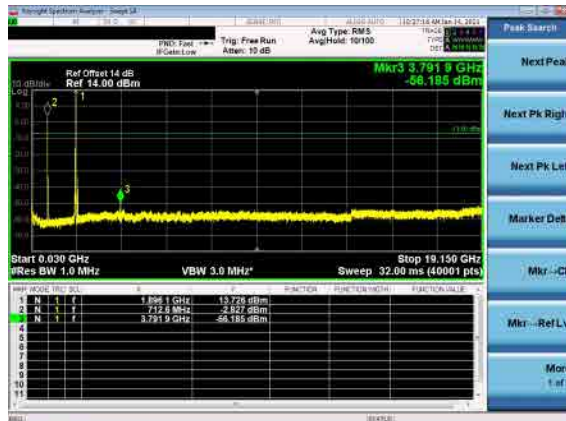
B12_N25(20M)_DFT-s-OFDM_BPSK_Mid_CH



B12_N25(20M)_DFT-s-OFDM_QPSK_Mid_CH



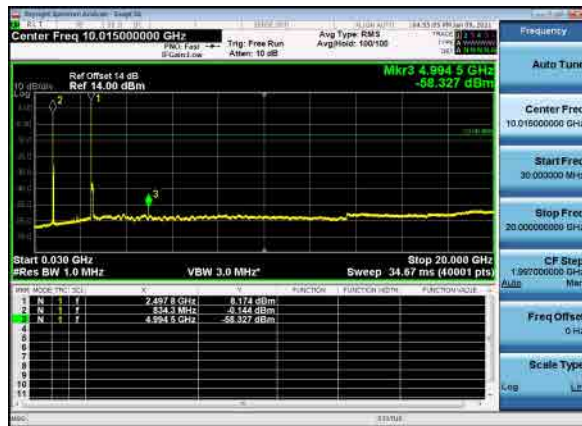
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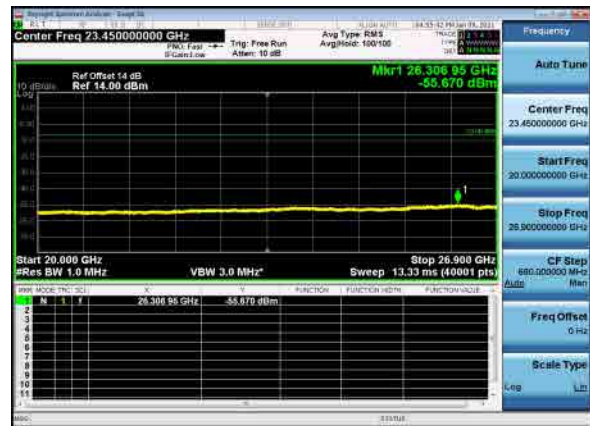
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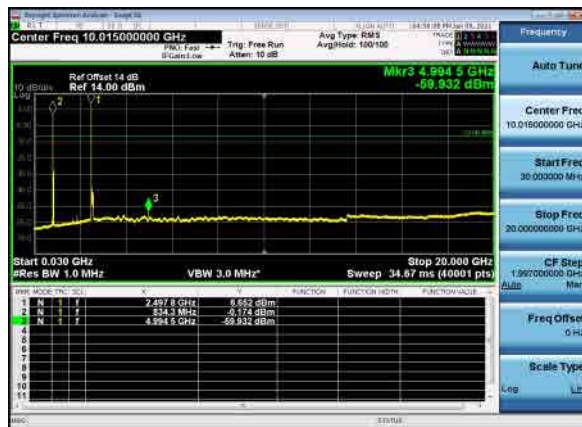
B26_N41(100M)_DFT-s-OFDM_BPSK_Low_CH



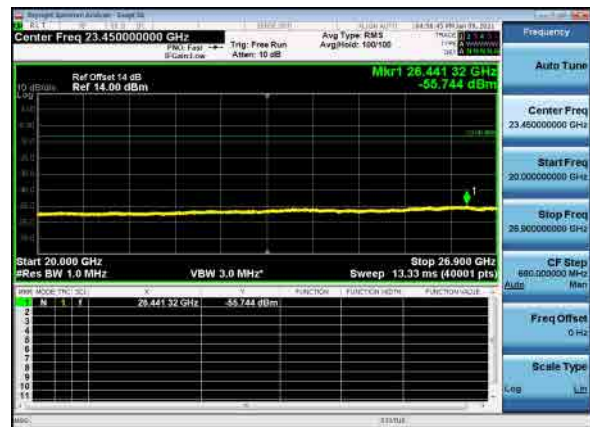
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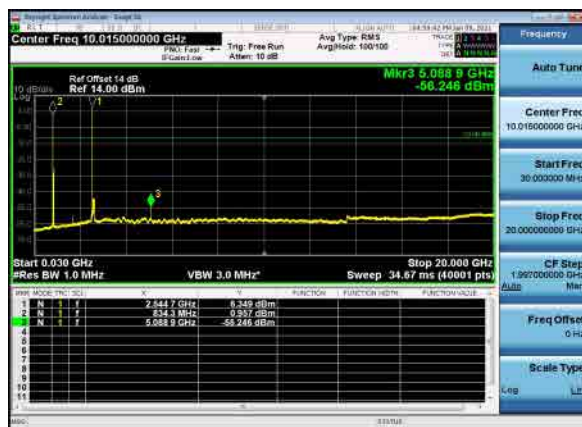
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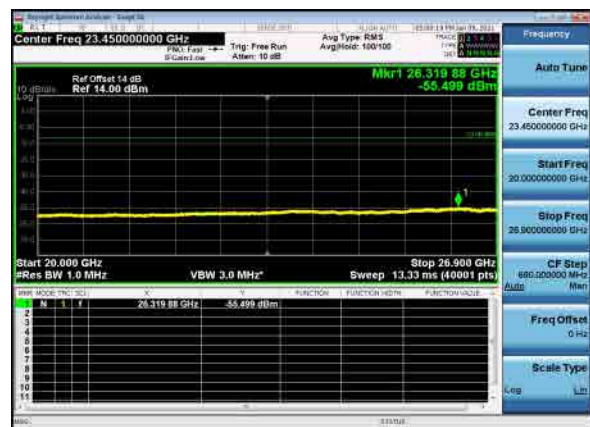
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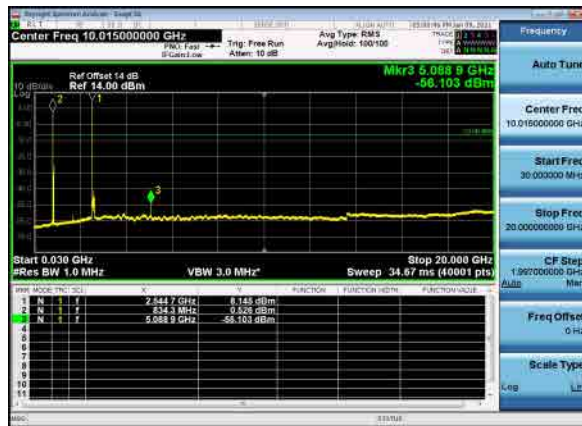
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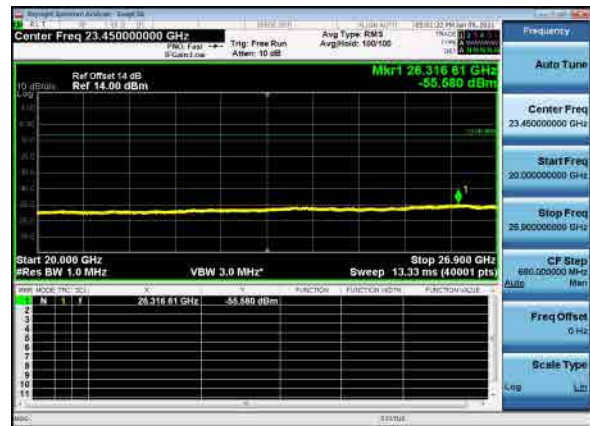
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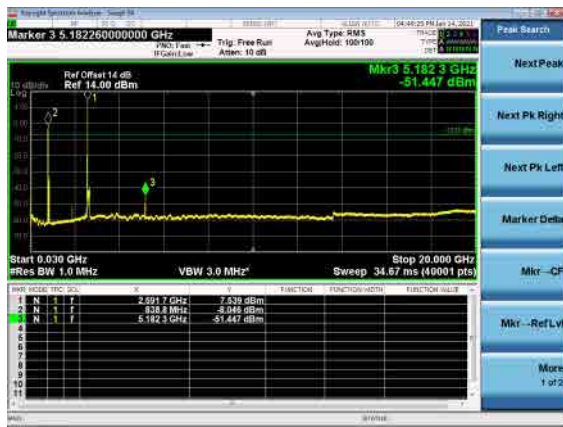
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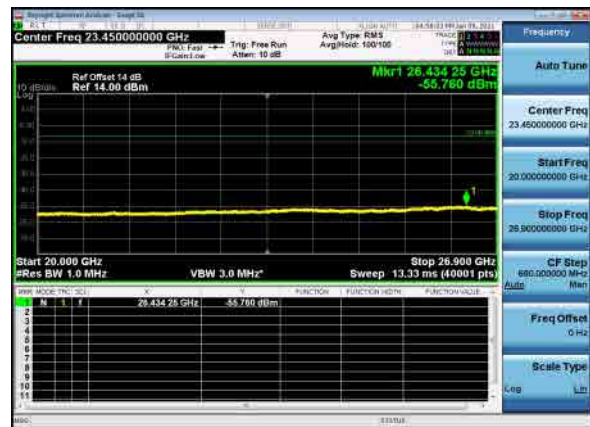
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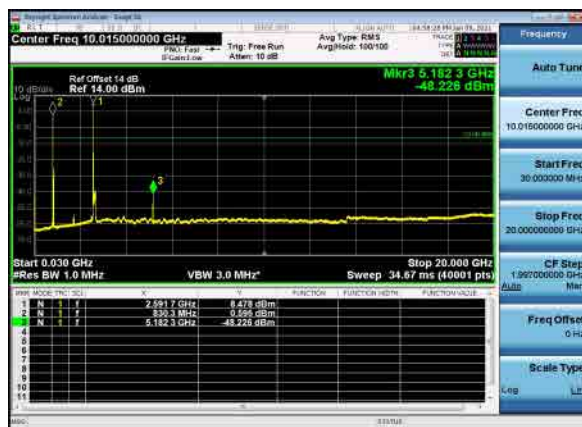
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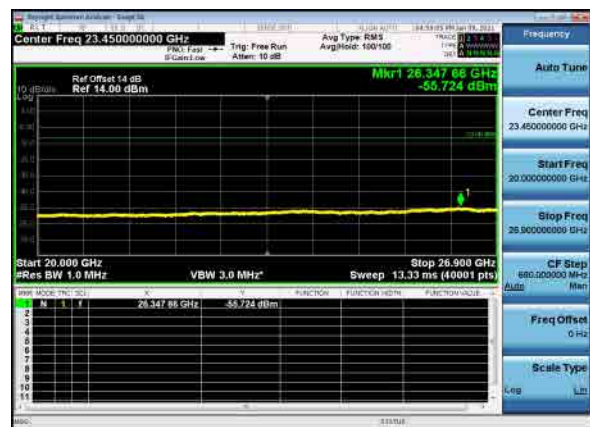
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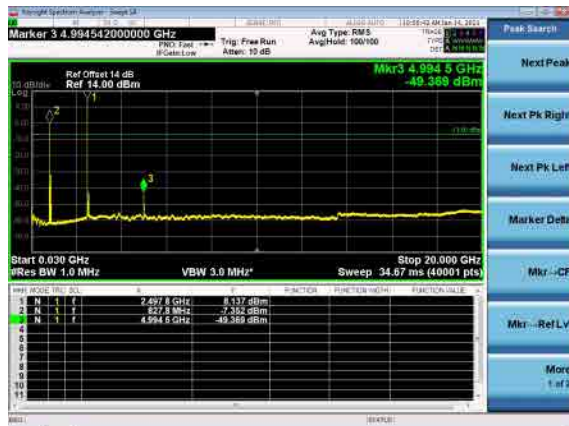
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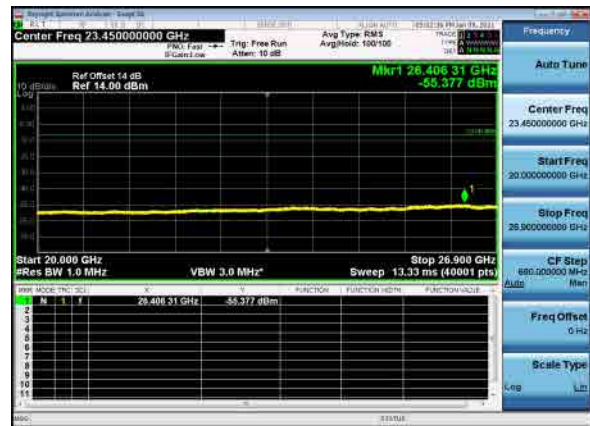
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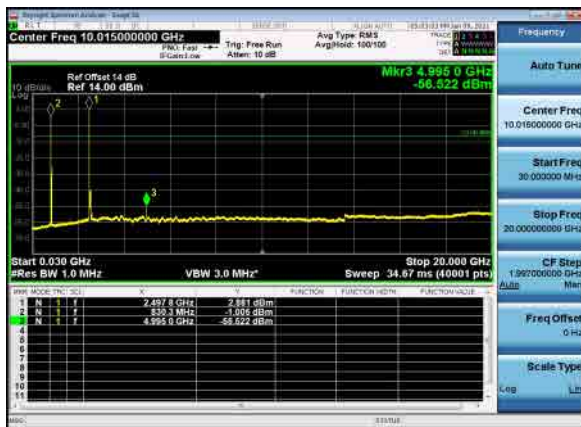
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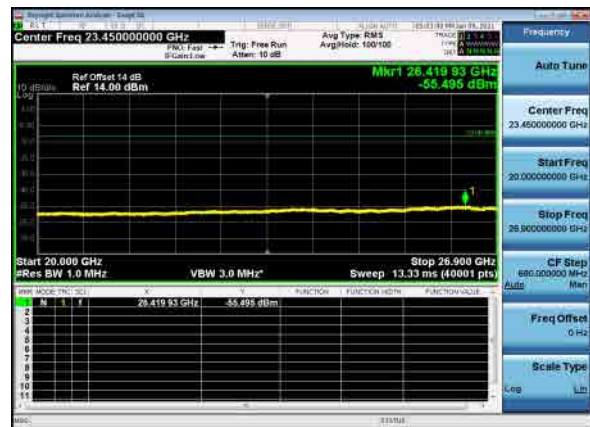
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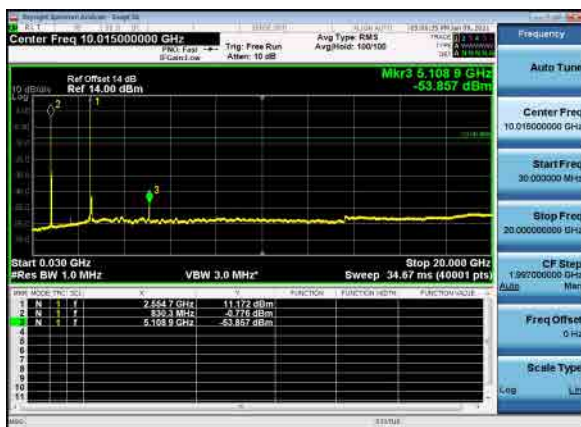
B26_N41(80M)_DFT-s-OFDM_QPSK_Low_CH



B26_N41(80M)_DFT-s-OFDM_QPSK_Low_CH



B26_N41(80M)_DFT-s-OFDM_BPSK_Mid_CH



B26_N41(80M)_DFT-s-OFDM_BPSK_Mid_CH

