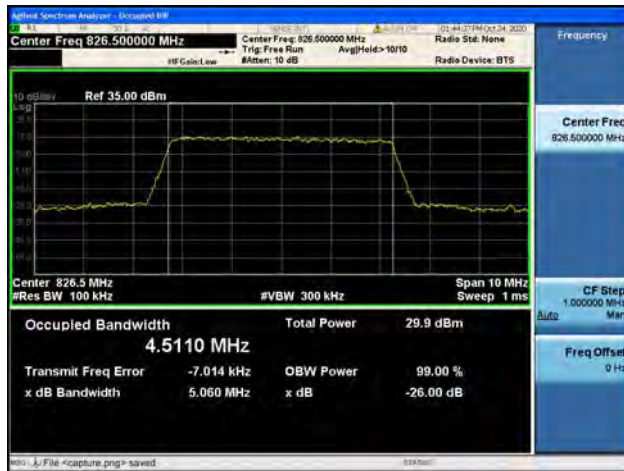




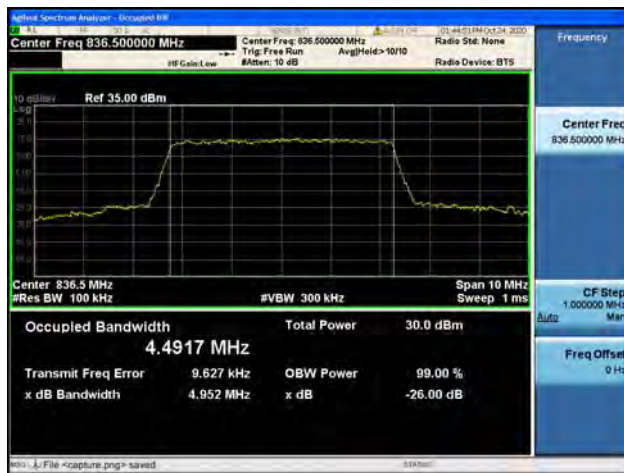
Band5 / 5MHz / Low CH / QPSK



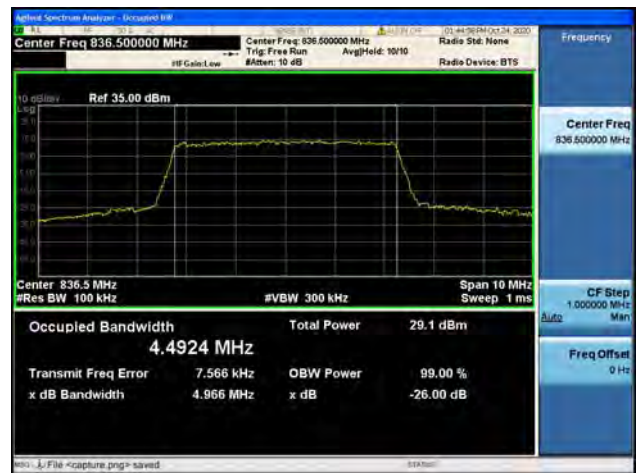
Band5 / 5MHz / Low CH / 16QAM



Band5 / 5MHz / Mid CH / QPSK



Band5 / 5MHz / Mid CH / 16QAM



Band5 / 5MHz / High CH / QPSK

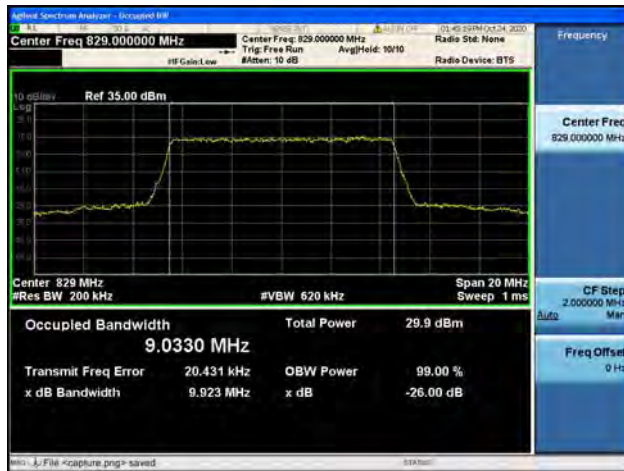


Band5 / 5MHz / High CH / 16QAM





Band5 / 10MHz / Low CH / QPSK



Band5 / 10MHz / Low CH / 16QAM



Band5 / 10MHz / Mid CH / QPSK



Band5 / 10MHz / Mid CH / 16QAM



Band5 / 10MHz / High CH / QPSK

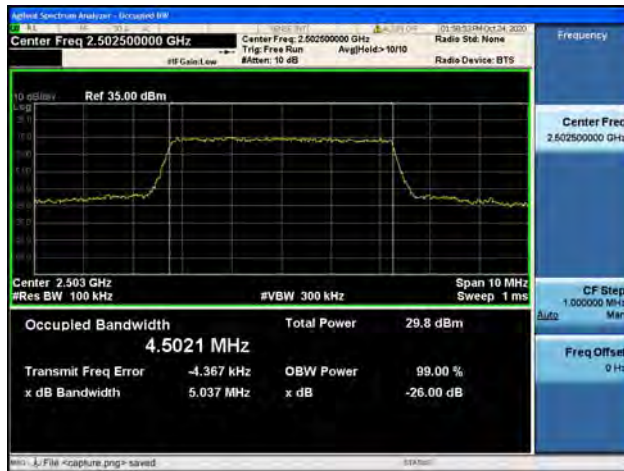


Band5 / 10MHz / High CH / 16QAM





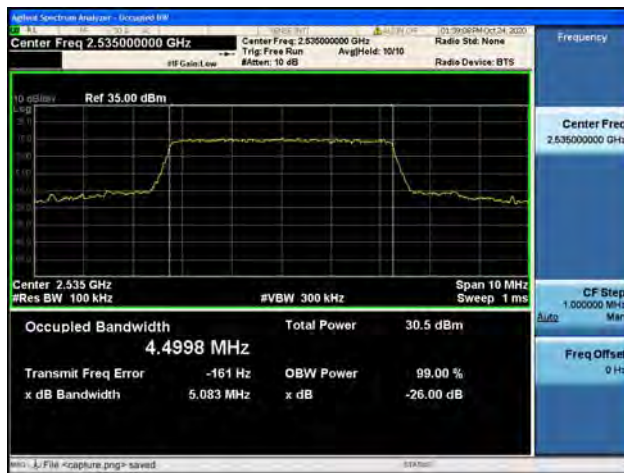
Band7 / 5MHz / Low CH / QPSK



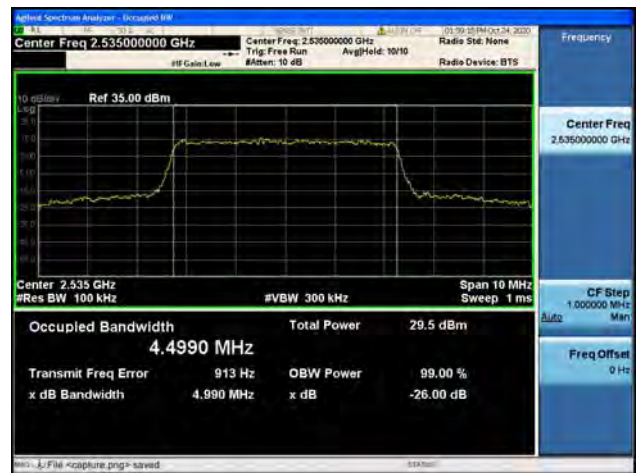
Band7 / 5MHz / Low CH / 16QAM



Band7 / 5MHz / Mid CH / QPSK



Band7 / 5MHz / Mid CH / 16QAM



Band7 / 5MHz / High CH / QPSK

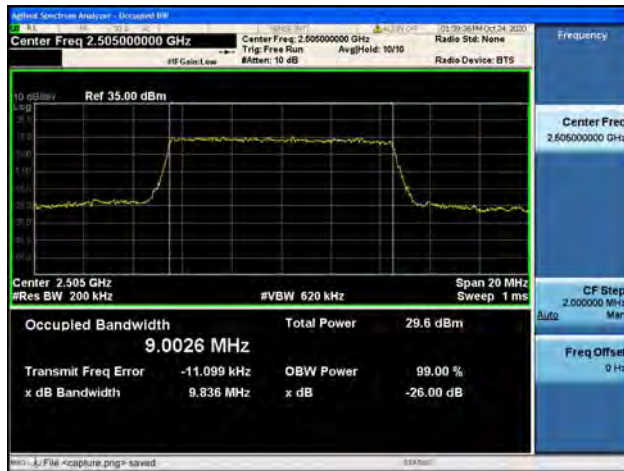


Band7 / 5MHz / High CH / 16QAM

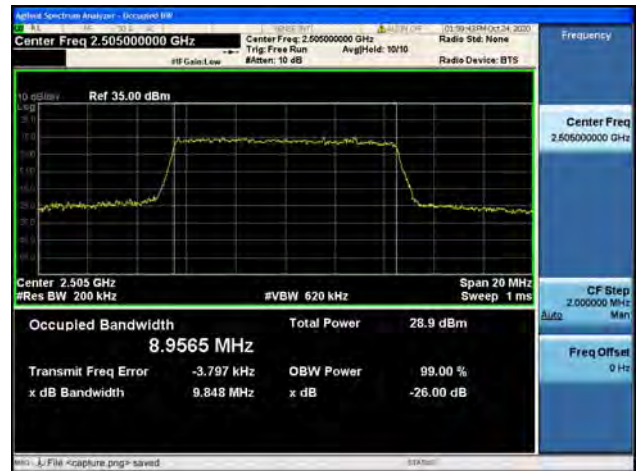




Band7 / 10MHz / Low CH / QPSK



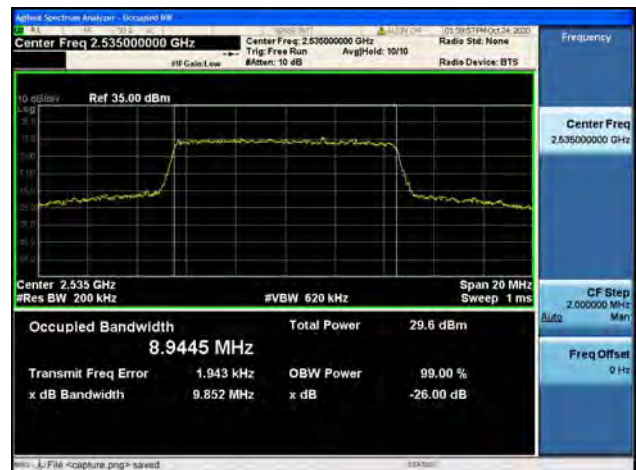
Band7 / 10MHz / Low CH / 16QAM



Band7 / 10MHz / Mid CH / QPSK



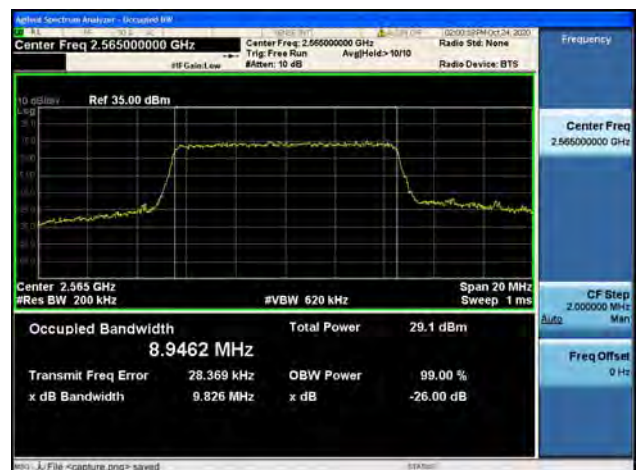
Band7 / 10MHz / Mid CH / 16QAM



Band7 / 10MHz / High CH / QPSK

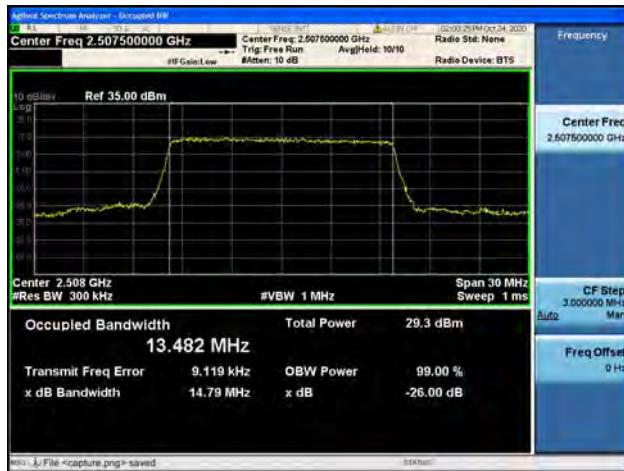


Band7 / 10MHz / High CH / 16QAM

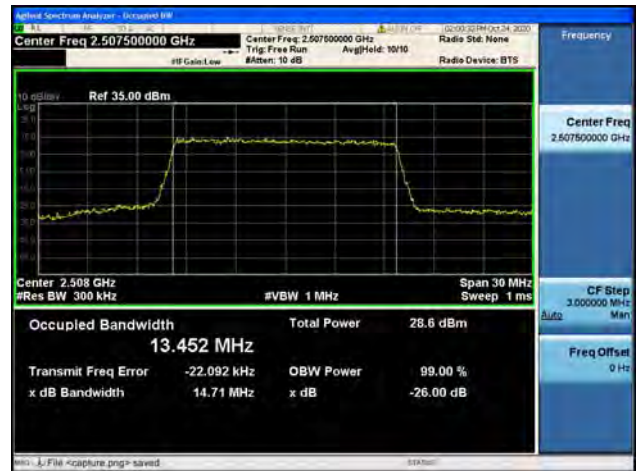




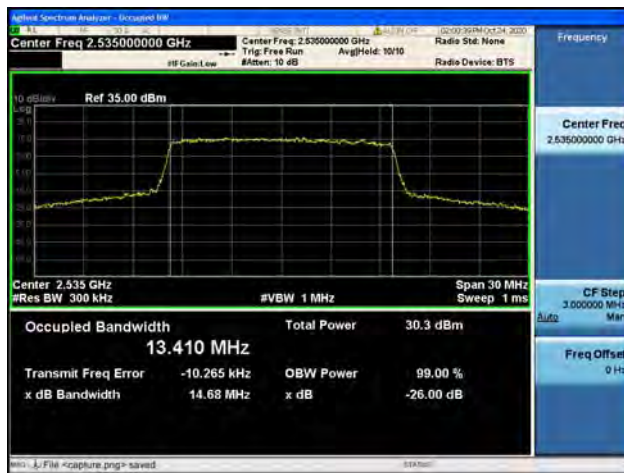
Band7 / 15MHz / Low CH / QPSK



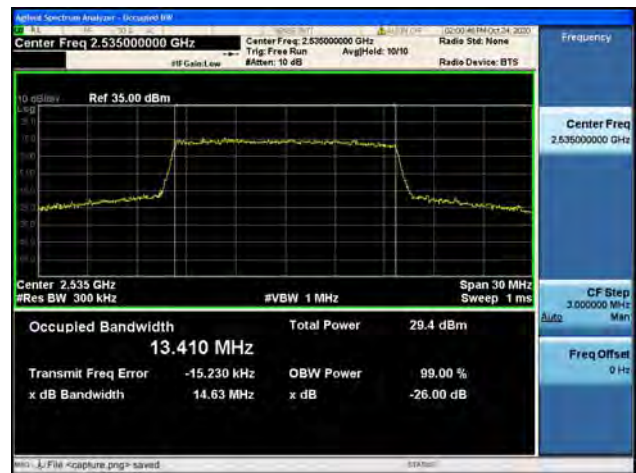
Band7 / 15MHz / Low CH / 16QAM



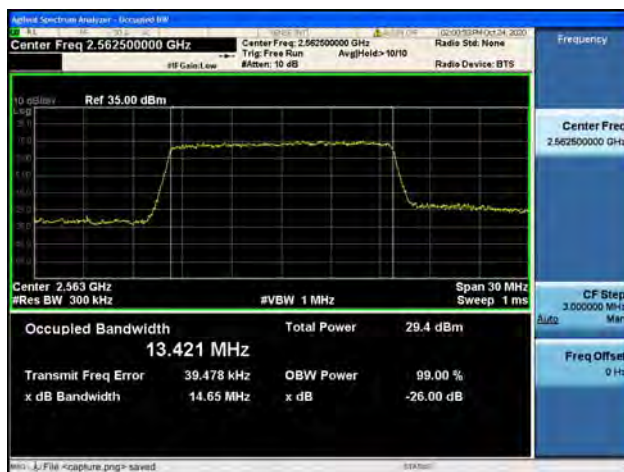
Band7 / 15MHz / Mid CH / QPSK



Band7 / 15MHz / Mid CH / 16QAM



Band7 / 15MHz / High CH / QPSK

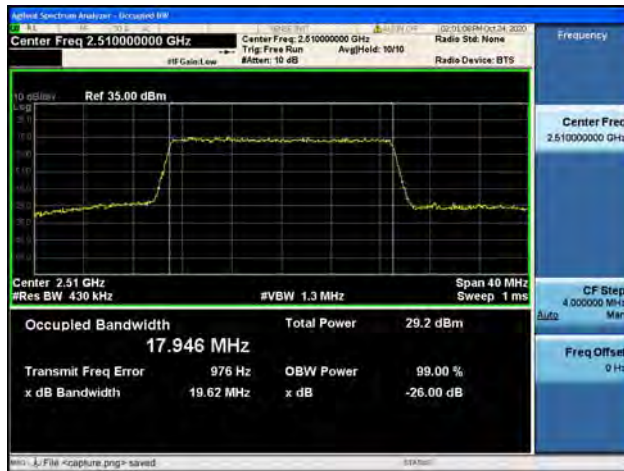


Band7 / 15MHz / High CH / 16QAM

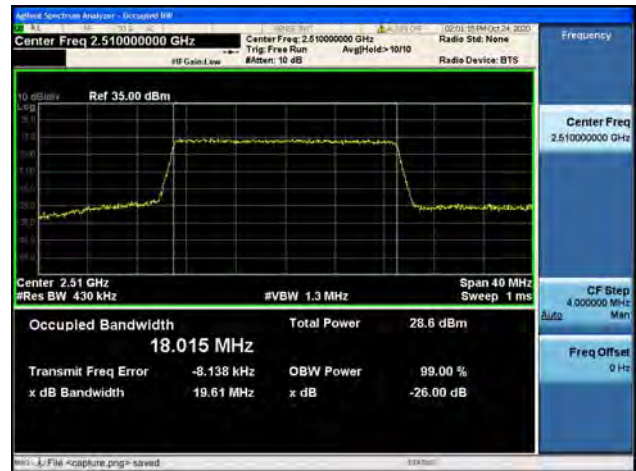




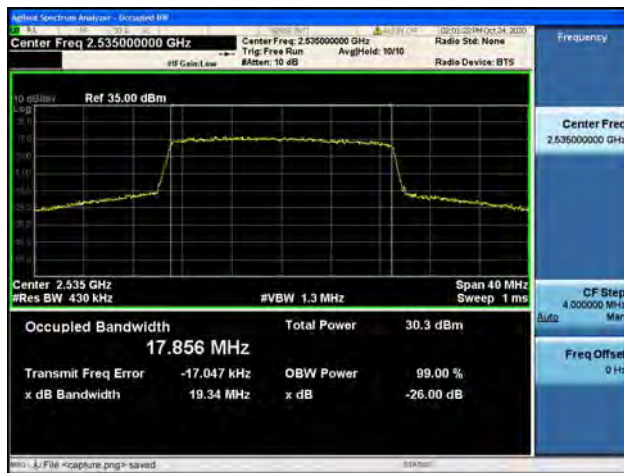
Band7 / 20MHz / Low CH / QPSK



Band7 / 20MHz / Low CH / 16QAM



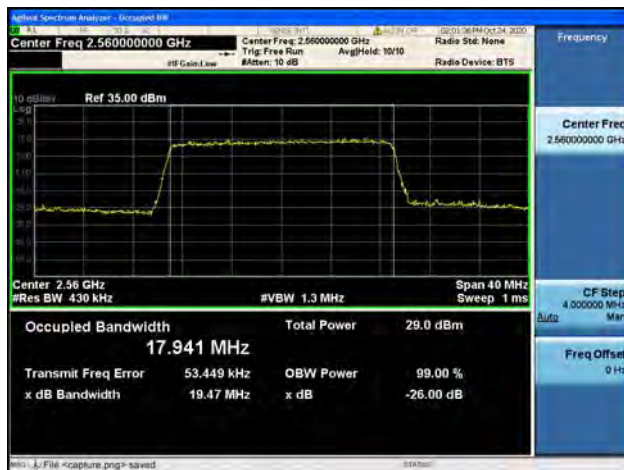
Band7 / 20MHz / Mid CH / QPSK



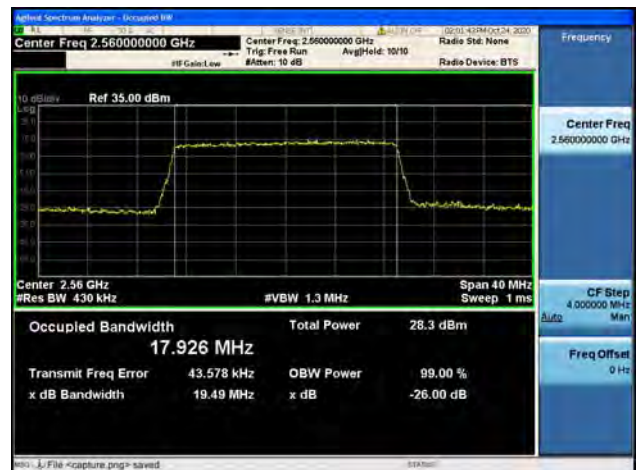
Band7 / 20MHz / Mid CH / 16QAM



Band7 / 20MHz / High CH / QPSK

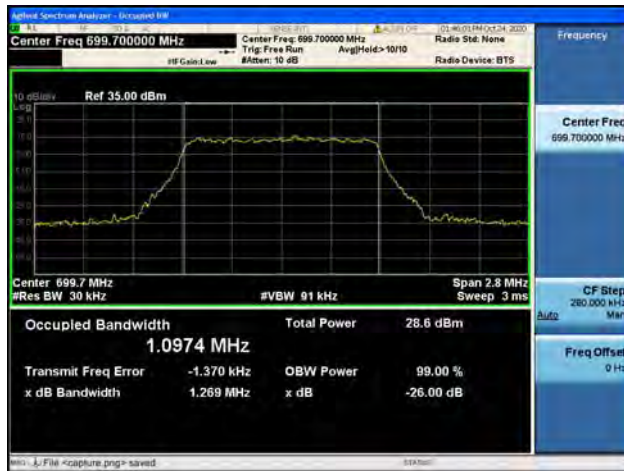


Band7 / 20MHz / High CH / 16QAM

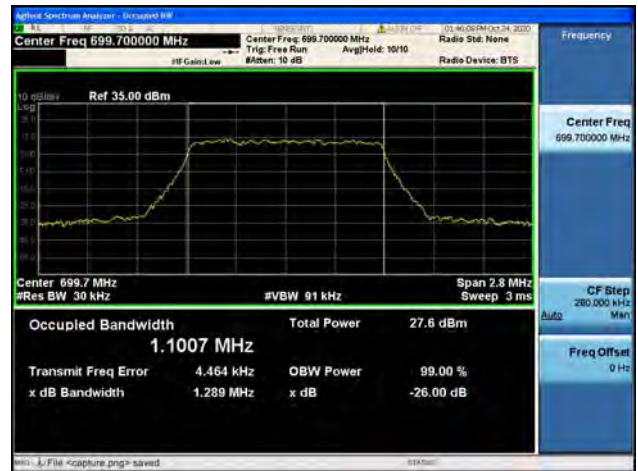




Band12 / 1.4MHz / Low CH / QPSK



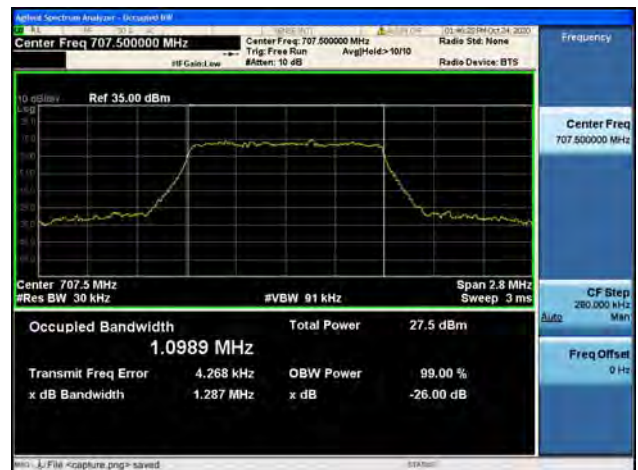
Band12 / 1.4MHz / Low CH / 16QAM



Band12 / 1.4MHz / Mid CH / QPSK



Band12 / 1.4MHz / Mid CH / 16QAM



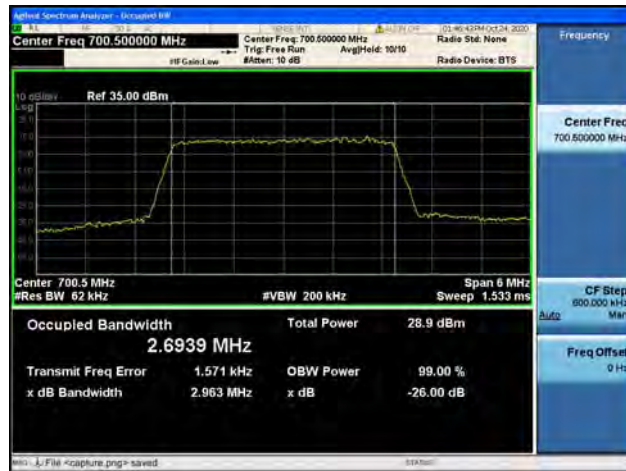
Band12 / 1.4MHz / High CH / QPSK



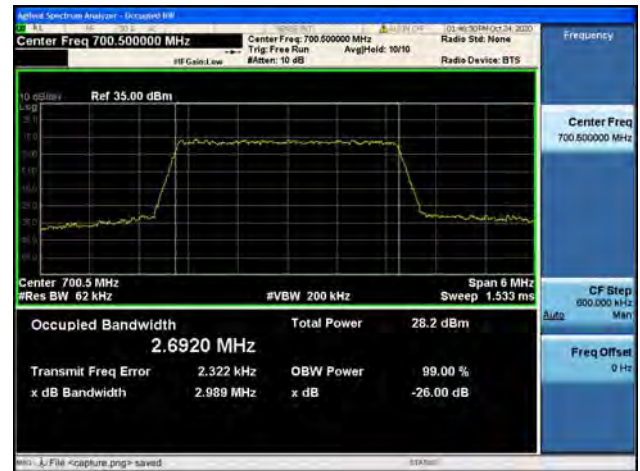
Band12 / 1.4MHz / High CH / 16QAM



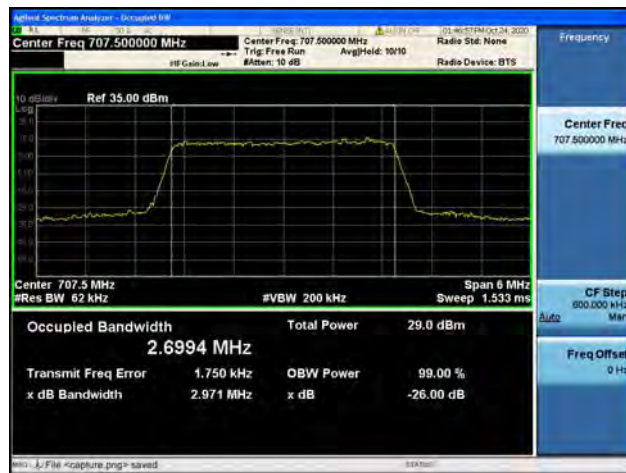
Band12 / 3MHz / Low CH / QPSK



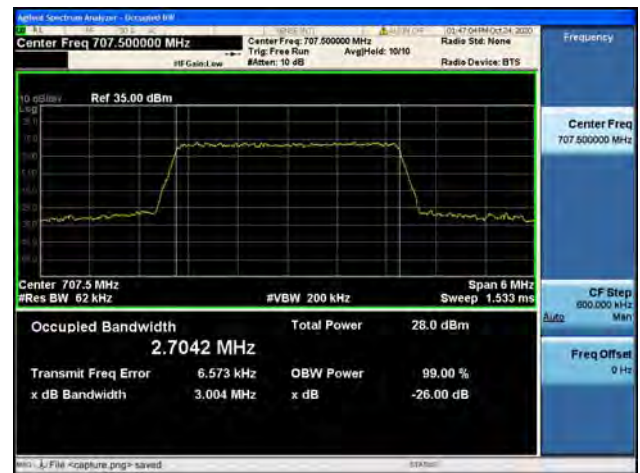
Band12 / 3MHz / Low CH / 16QAM



Band12 / 3MHz / Mid CH / QPSK



Band12 / 3MHz / Mid CH / 16QAM



Band12 / 3MHz / High CH / QPSK

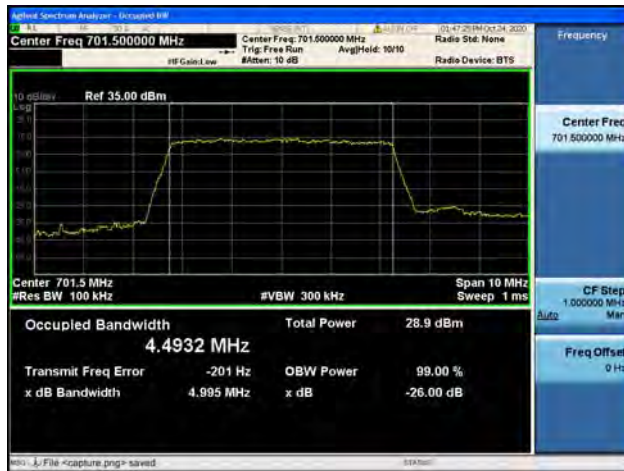


Band12 / 3MHz / High CH / 16QAM

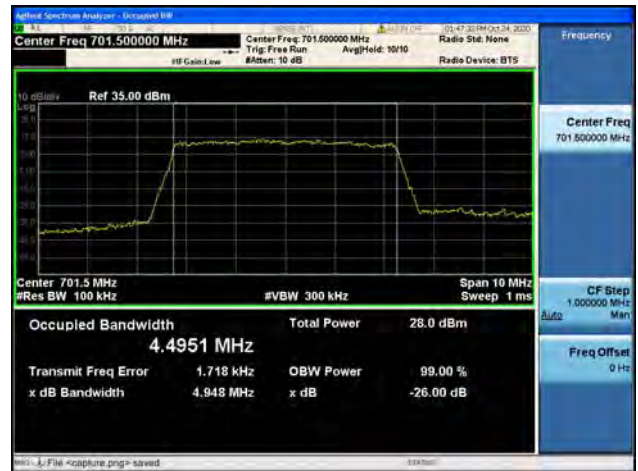




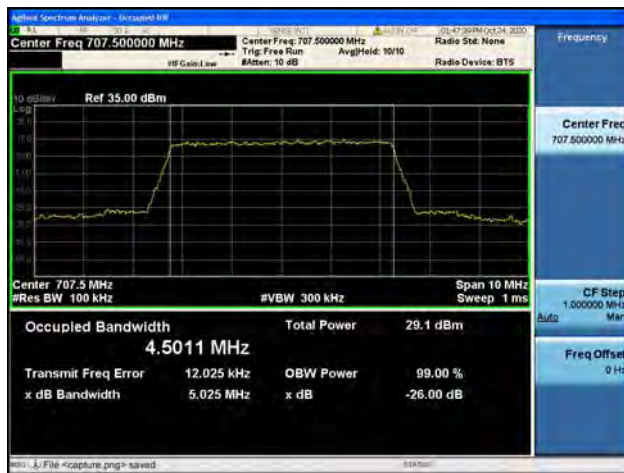
Band12 / 5MHz / Low CH / QPSK



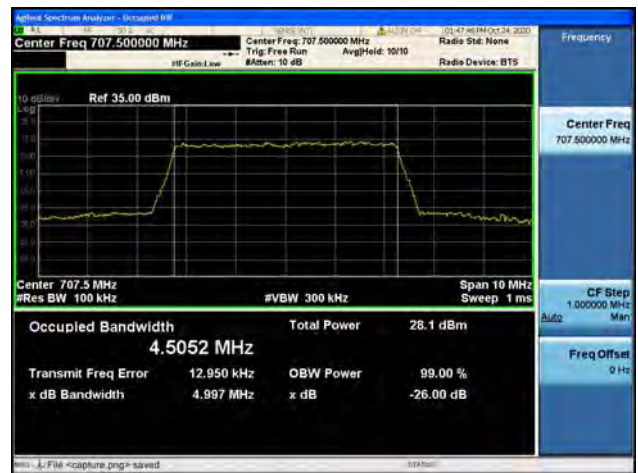
Band12 / 5MHz / Low CH / 16QAM



Band12 / 5MHz / Mid CH / QPSK



Band12 / 5MHz / Mid CH / 16QAM



Band12 / 5MHz / High CH / QPSK

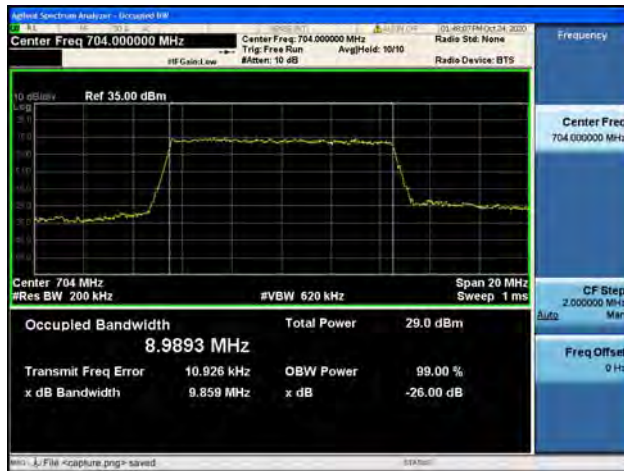


Band12 / 5MHz / High CH / 16QAM

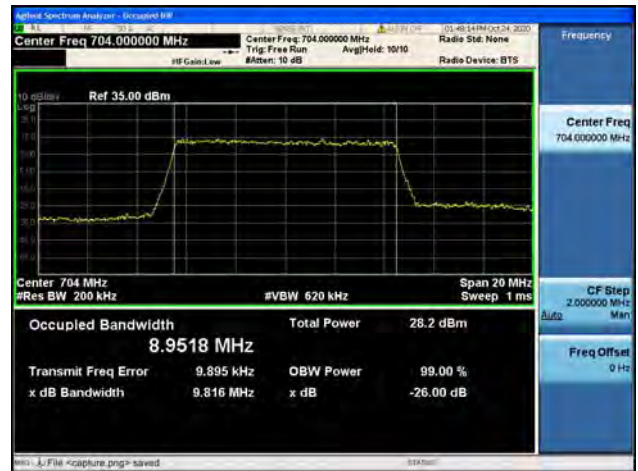




Band12 / 10MHz / Low CH / QPSK



Band12 / 10MHz / Low CH / 16QAM



Band12 / 10MHz / Mid CH / QPSK



Band12 / 10MHz / Mid CH / 16QAM



Band12 / 10MHz / High CH / QPSK

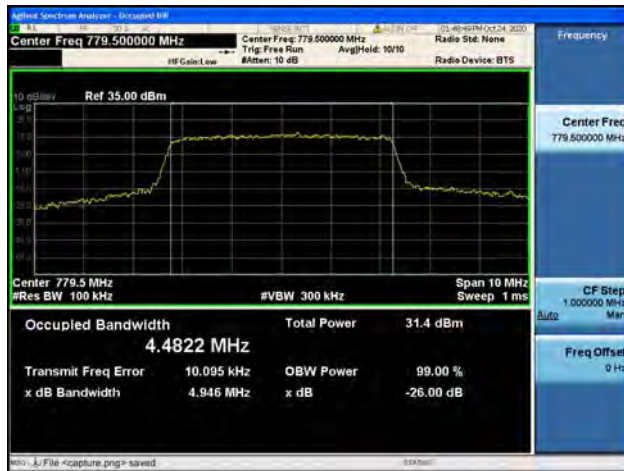


Band12 / 10MHz / High CH / 16QAM

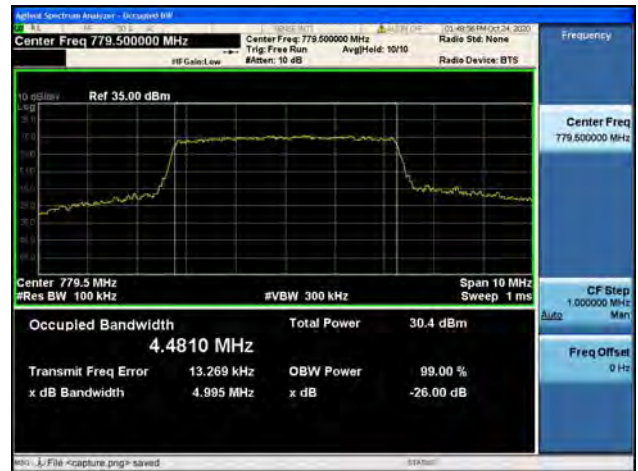




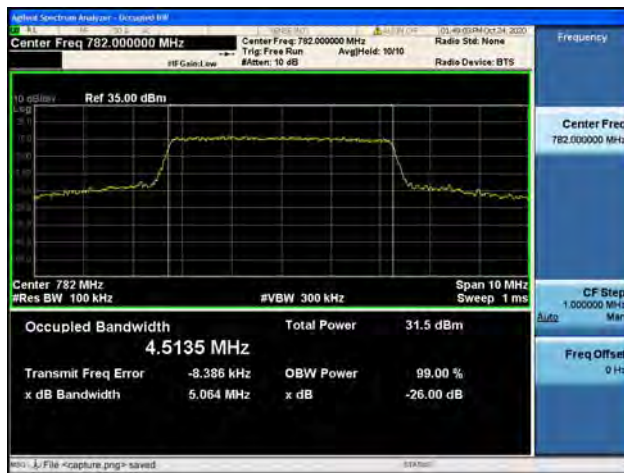
Band13 / 5MHz / Low CH / QPSK



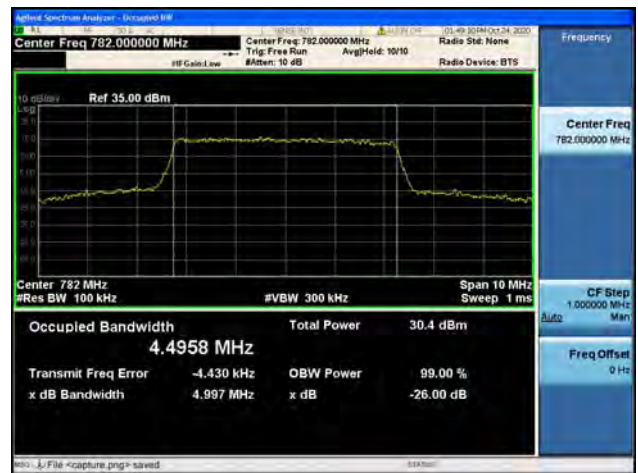
Band13 / 5MHz / Low CH / 16QAM



Band13 / 5MHz / Mid CH / QPSK



Band13 / 5MHz / Mid CH / 16QAM



Band13 / 5MHz / High CH / QPSK

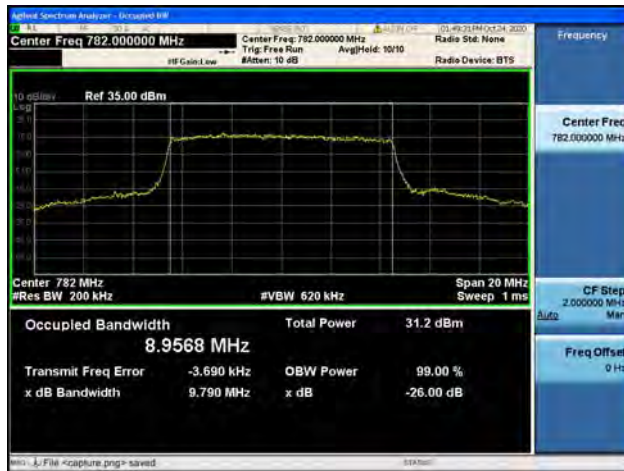


Band13 / 5MHz / High CH / 16QAM





Band13 / 10MHz / Low CH / QPSK



Band13 / 10MHz / Low CH / 16QAM



Band13 / 10MHz / Mid CH / QPSK



Band13 / 10MHz / Mid CH / 16QAM



Band13 / 10MHz / High CH / QPSK

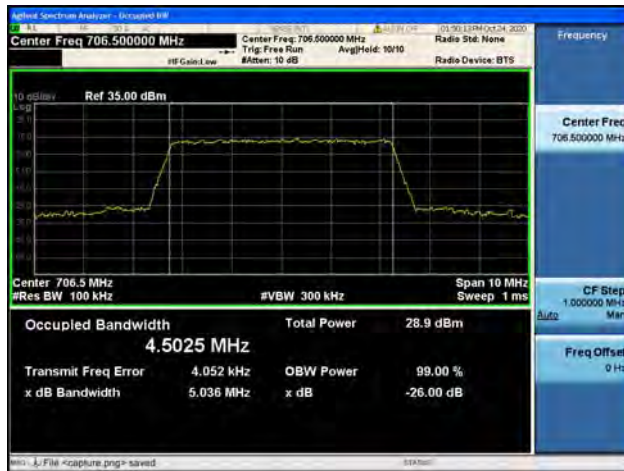


Band13 / 10MHz / High CH / 16QAM

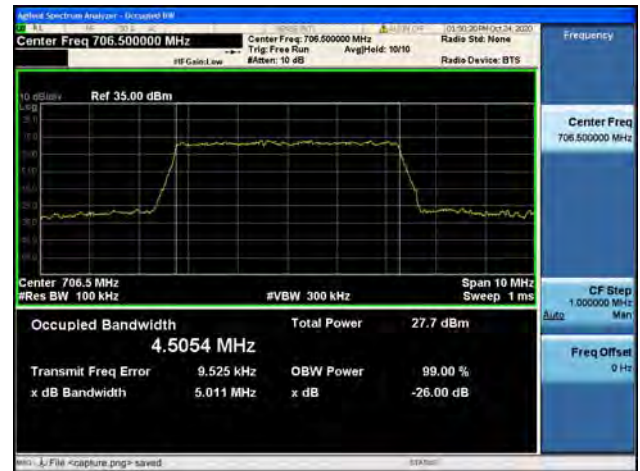




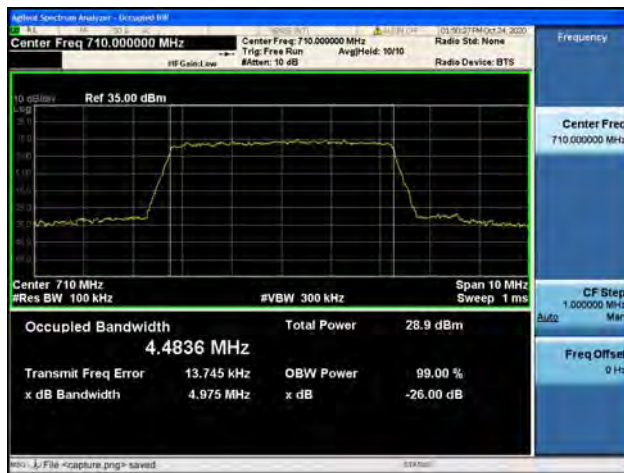
Band17 / 5MHz / Low CH / QPSK



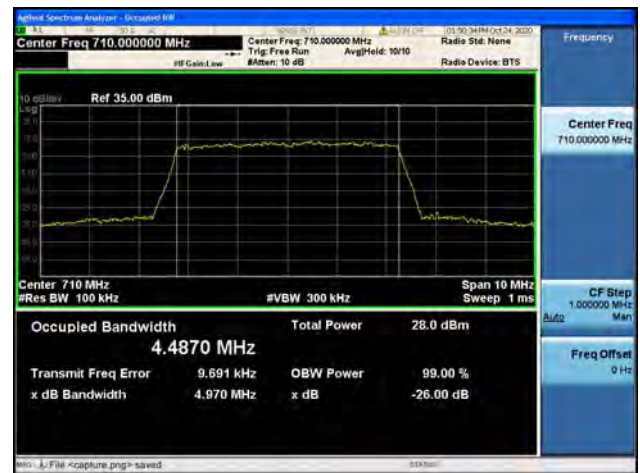
Band17 / 5MHz / Low CH / 16QAM



Band17 / 5MHz / Mid CH / QPSK



Band17 / 5MHz / Mid CH / 16QAM



Band17 / 5MHz / High CH / QPSK



Band17 / 5MHz / High CH / 16QAM





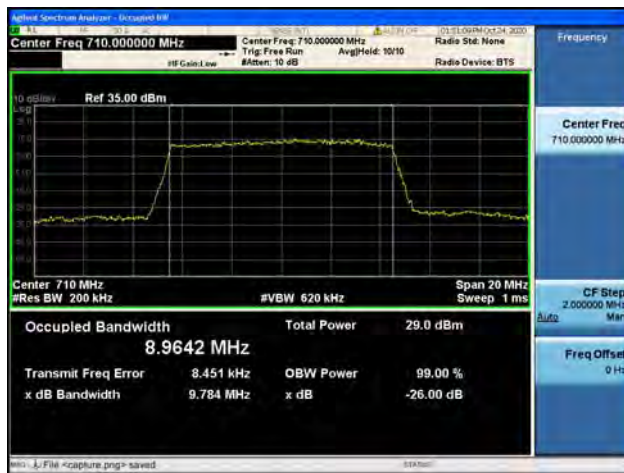
Band17 / 10MHz / Low CH / QPSK



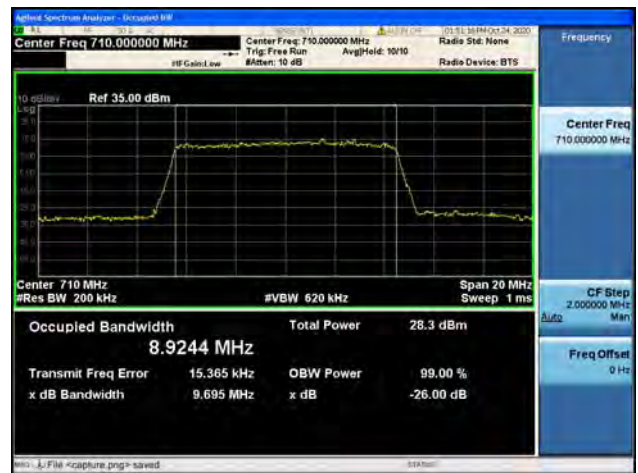
Band17 / 10MHz / Low CH / 16QAM



Band17 / 10MHz / Mid CH / QPSK



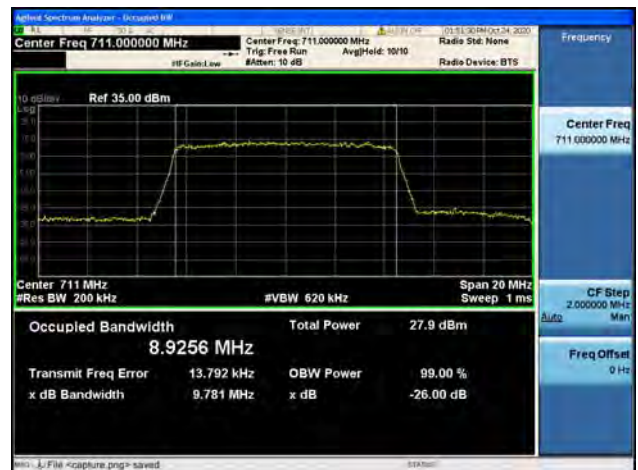
Band17 / 10MHz / Mid CH / 16QAM



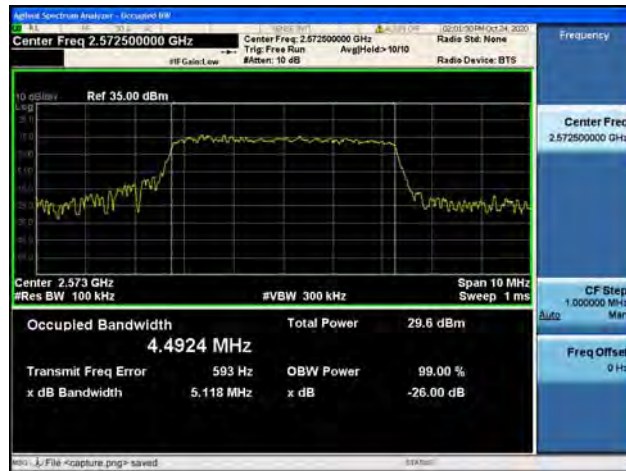
Band17 / 10MHz / High CH / QPSK



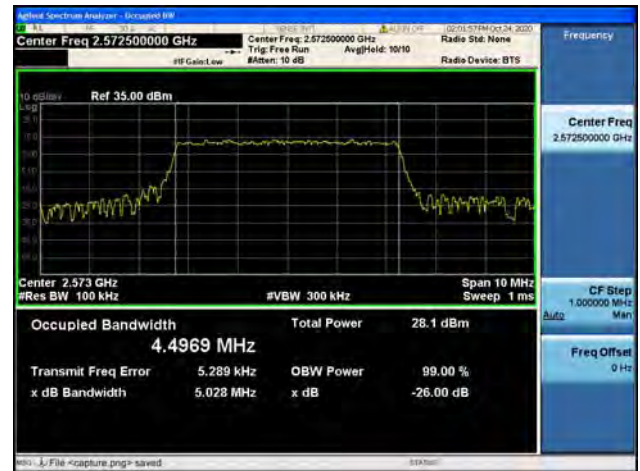
Band17 / 10MHz / High CH / 16QAM



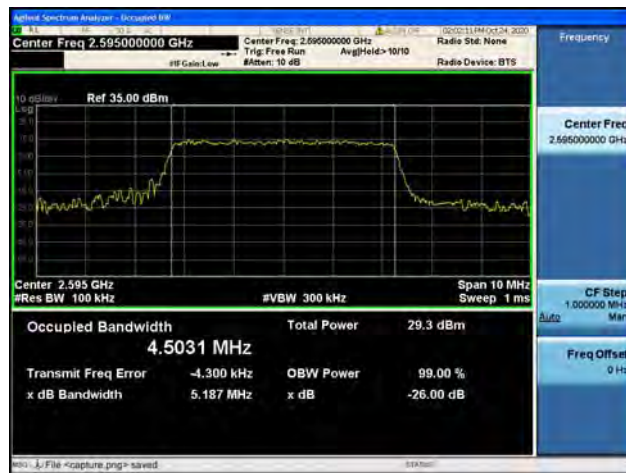
Band38 / 5MHz / Low CH / QPSK



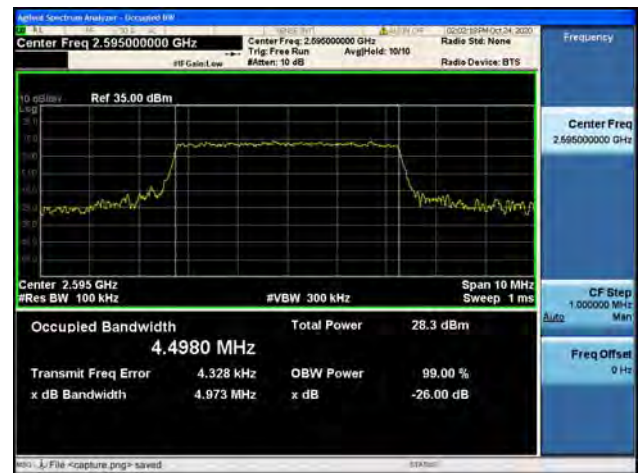
Band38 / 5MHz / Low CH / 16QAM



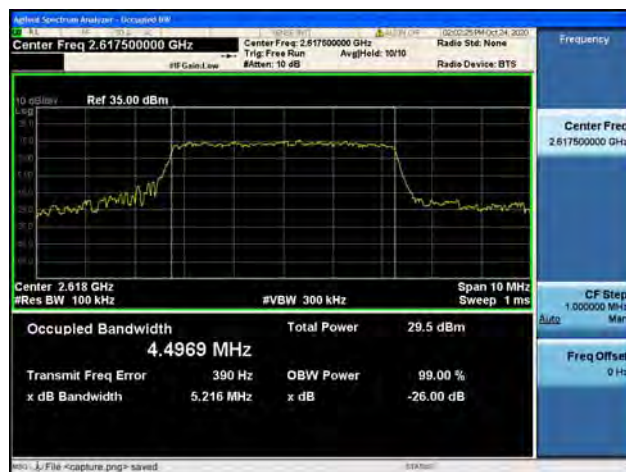
Band38 / 5MHz / Mid CH / QPSK



Band38 / 5MHz / Mid CH / 16QAM



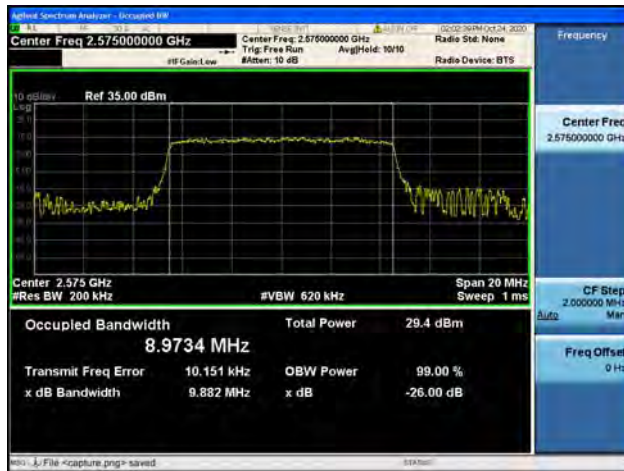
Band38 / 5MHz / High CH / QPSK



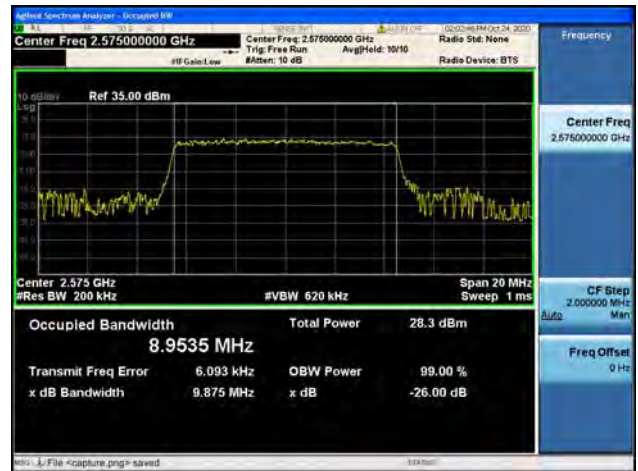
Band38 / 5MHz / High CH / 16QAM



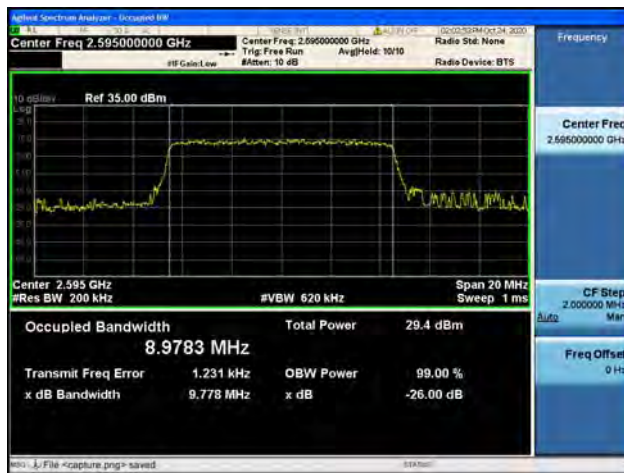
Band38 / 10MHz / Low CH / QPSK



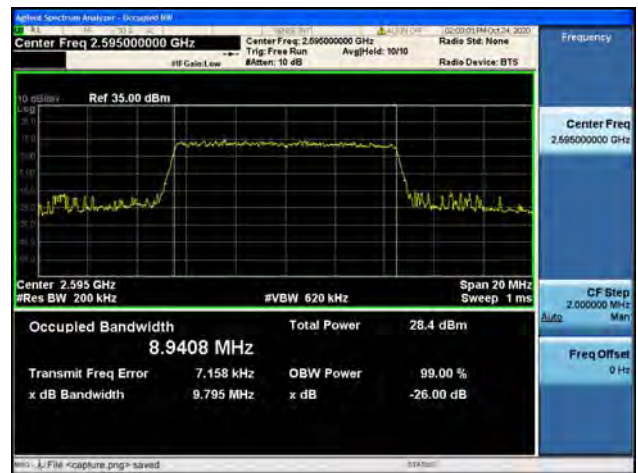
Band38 / 10MHz / Low CH / 16QAM



Band38 / 10MHz / Mid CH / QPSK



Band38 / 10MHz / Mid CH / 16QAM



Band38 / 10MHz / High CH / QPSK

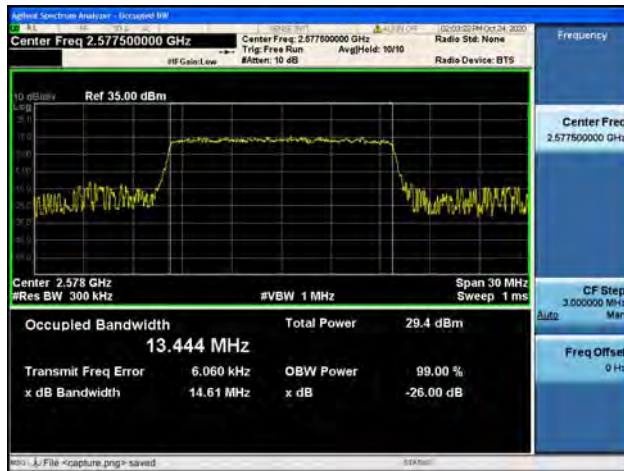


Band38 / 10MHz / High CH / 16QAM

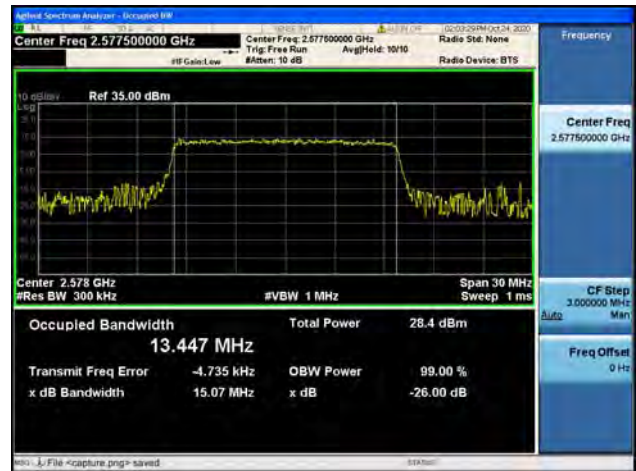




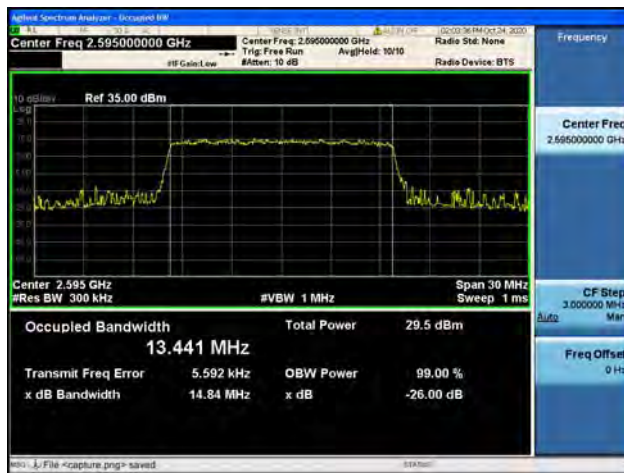
Band38 / 15MHz / Low CH / QPSK



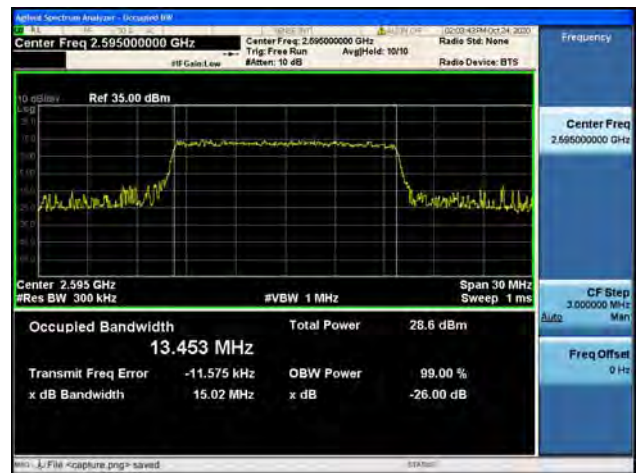
Band38 / 15MHz / Low CH / 16QAM



Band38 / 15MHz / Mid CH / QPSK



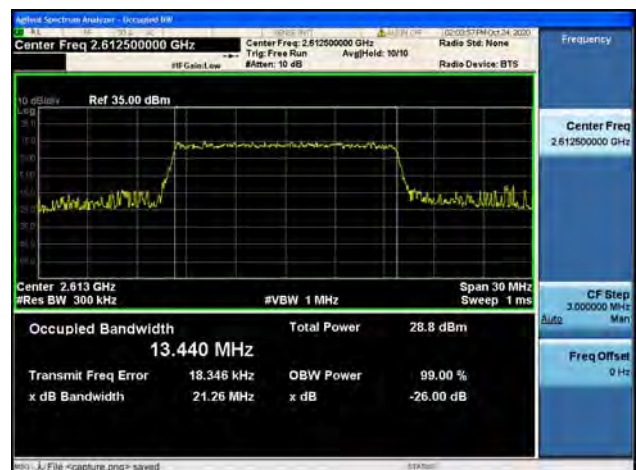
Band38 / 15MHz / Mid CH / 16QAM



Band38 / 15MHz / High CH / QPSK

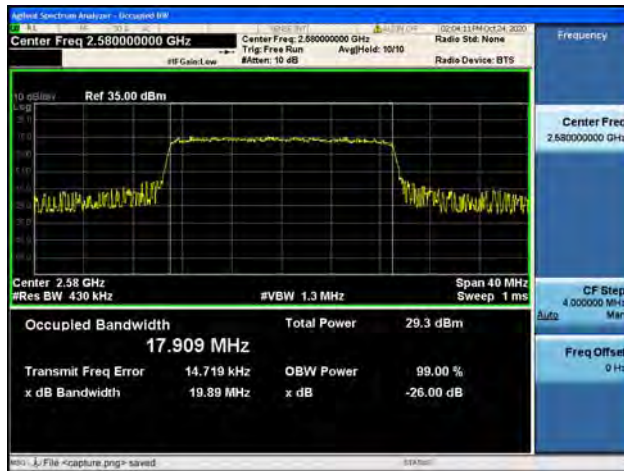


Band38 / 15MHz / High CH / 16QAM

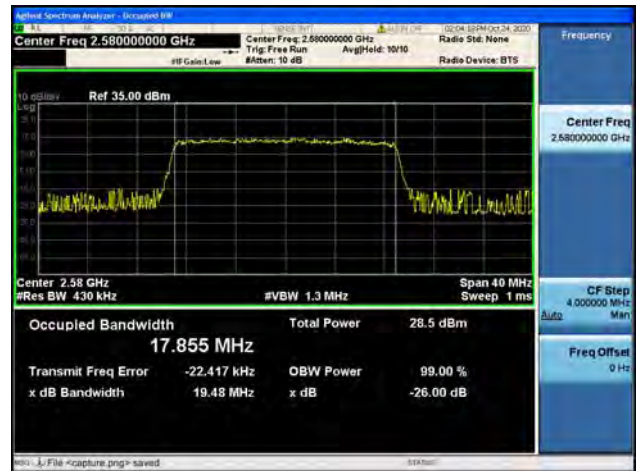




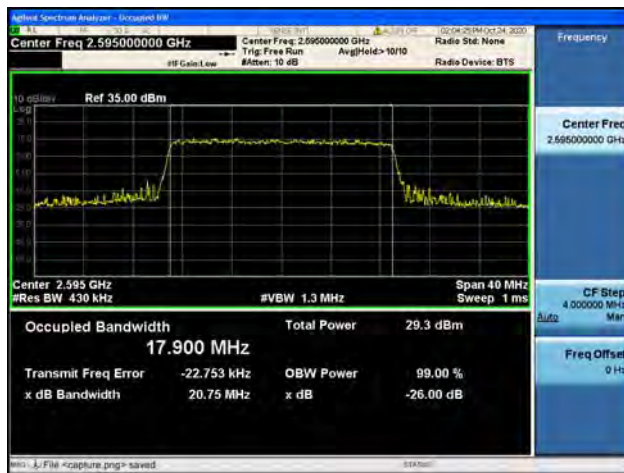
Band38 / 20MHz / Low CH / QPSK



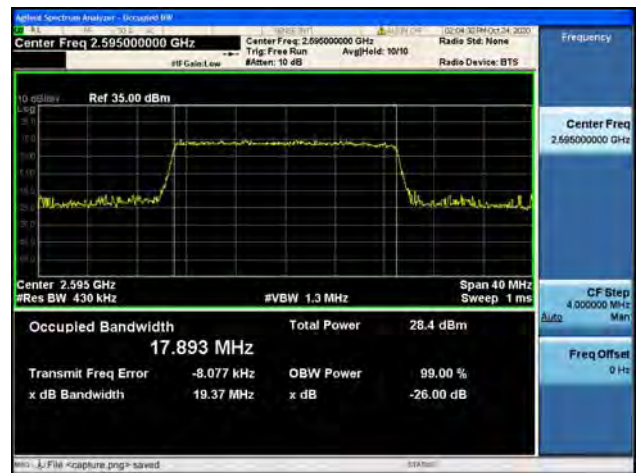
Band38 / 20MHz / Low CH / 16QAM



Band38 / 20MHz / Mid CH / QPSK



Band38 / 20MHz / Mid CH / 16QAM



Band38 / 20MHz / High CH / QPSK



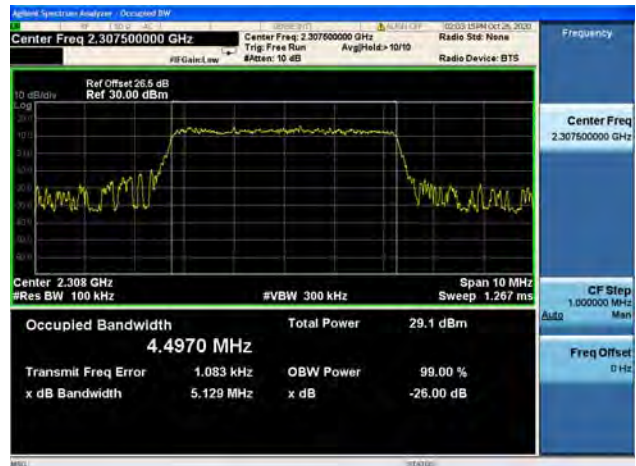
Band38 / 20MHz / High CH / 16QAM



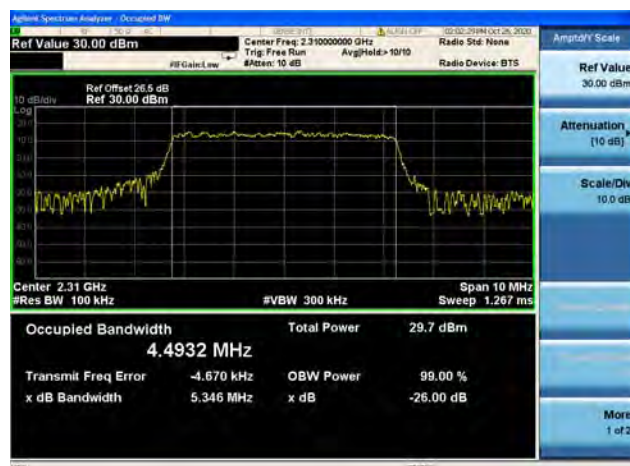
Band40/ Block A / 5MHz / Low CH / QPSK



Band40/ Block A / 5MHz / Low CH / 16QAM



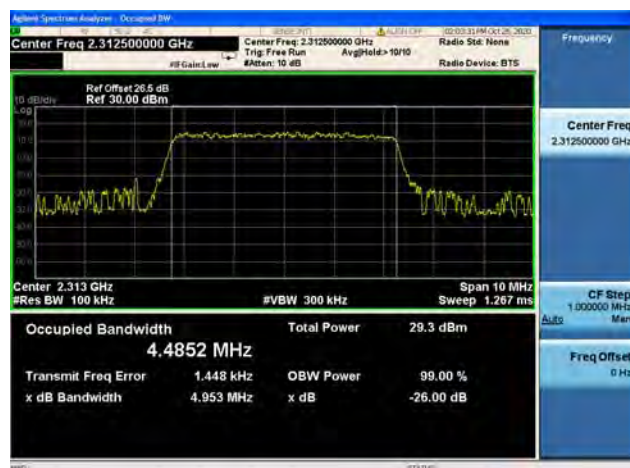
Band40/ Block A / 5MHz / Mid CH / QPSK



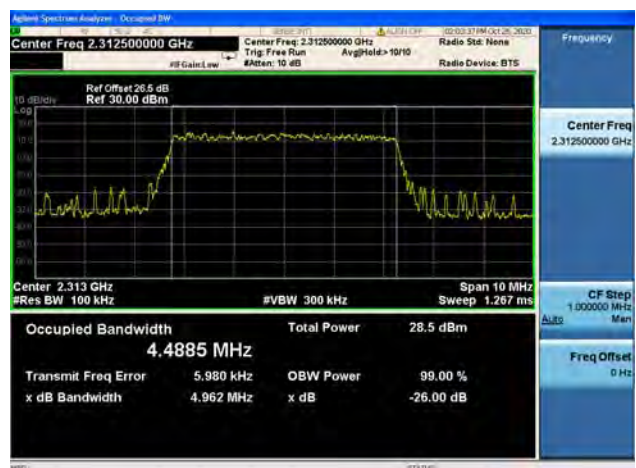
Band40/ Block A / 5MHz / Mid CH / 16QAM



Band40/ Block A / 5MHz / High CH / QPSK



Band40/ Block A / 5MHz / High CH / 16QAM

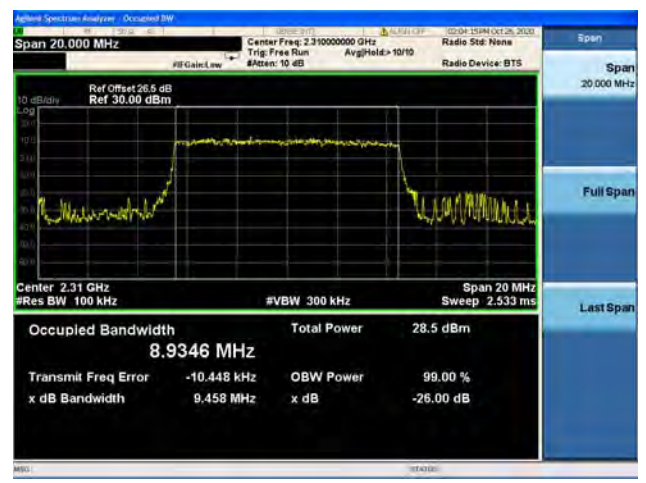




Band40/ Block A / 10MHz / Mid CH / QPSK



Band40/ Block A / 10MHz / Mid CH / 16QAM



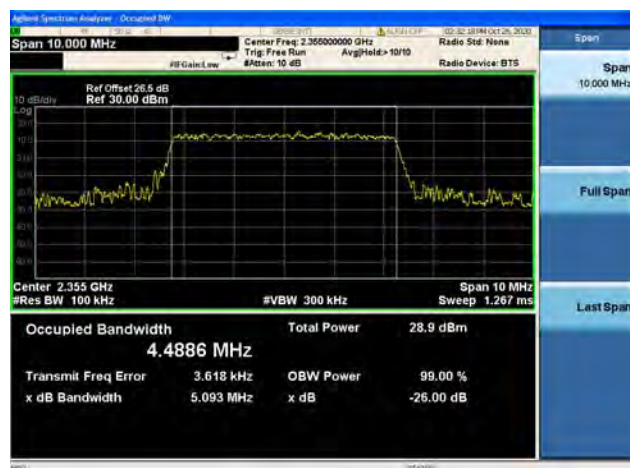
Band40/ Block B / 5MHz / Low CH / QPSK



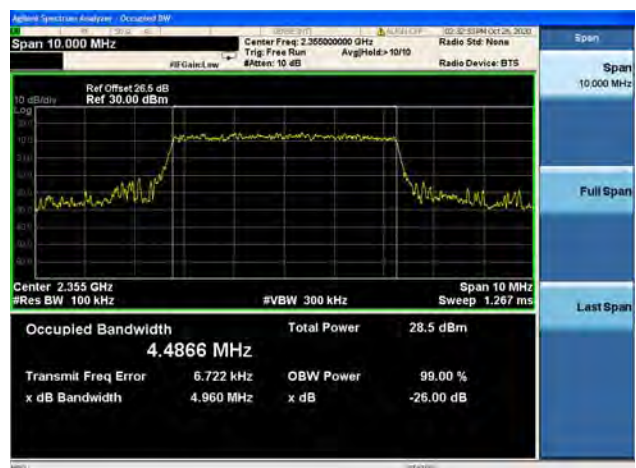
Band40/ Block B / 5MHz / Low CH / 16QAM



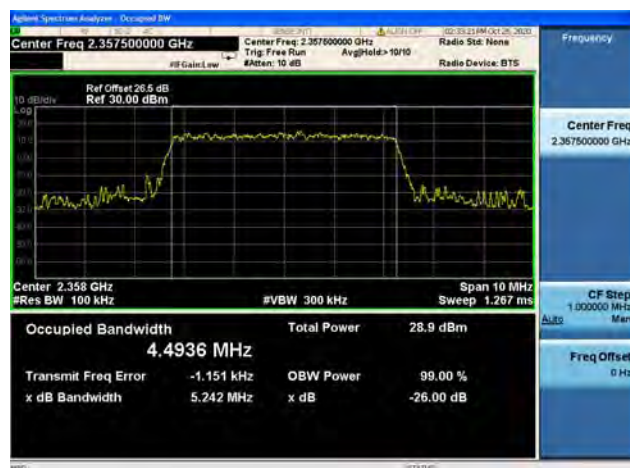
Band40/ Block B / 5MHz / Mid CH / QPSK



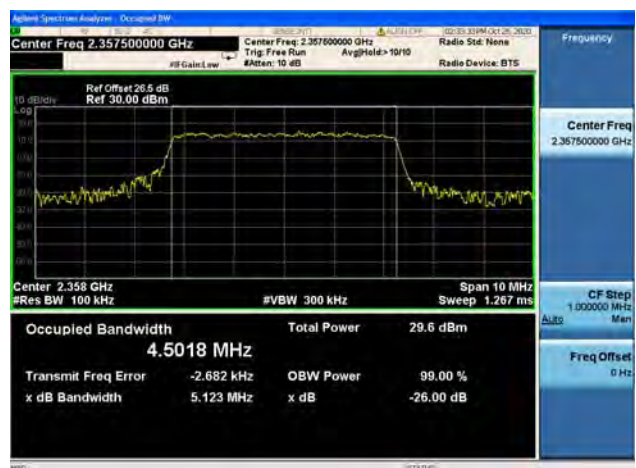
Band40/ Block B / 5MHz / Mid CH / 16QAM



Band40/ Block B / 5MHz / High CH / QPSK



Band40/ Block B / 5MHz / High CH / 16QAM

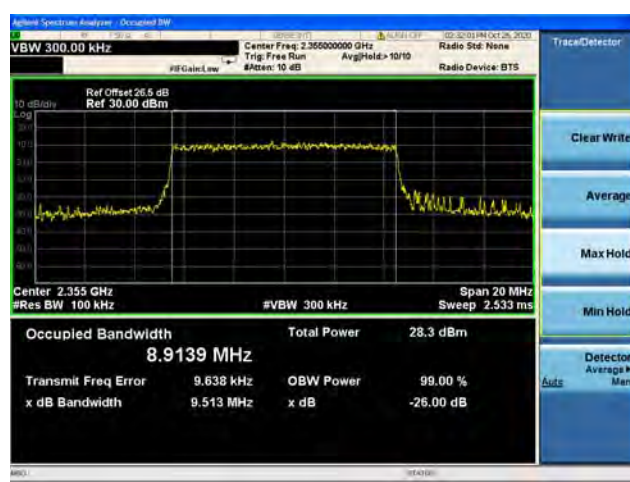




Band40/ Block B / 10MHz / Mid CH / QPSK



Band40/ Block B / 10MHz / Mid CH / 16QAM



Band41 / 5MHz / Low CH / QPSK



Band41 / 5MHz / Low CH / 16QAM



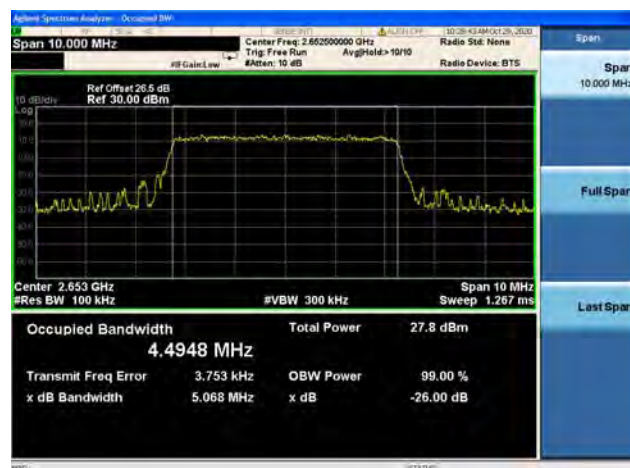
Band41 / 5MHz / Mid CH / QPSK



Band41 / 5MHz / Mid CH / 16QAM



Band41 / 5MHz / High CH / QPSK



Band41 / 5MHz / High CH / 16QAM





Band41 / 10MHz / Low CH / QPSK



Band41 / 10MHz / Low CH / 16QAM



Band41 / 10MHz / Mid CH / QPSK



Band41 / 10MHz / Mid CH / 16QAM



Band41 / 10MHz / High CH / QPSK



Band41 / 10MHz / High CH / 16QAM

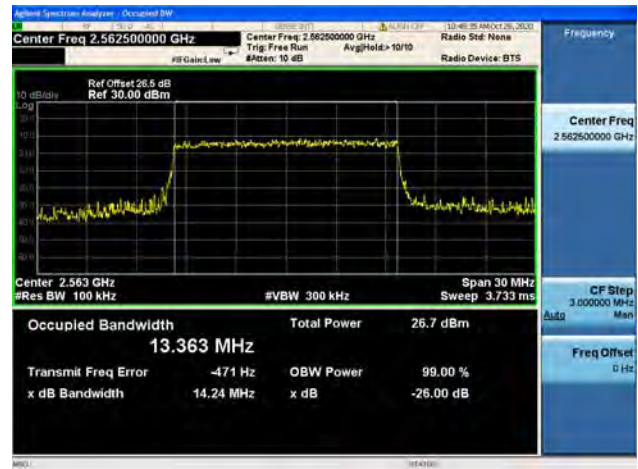




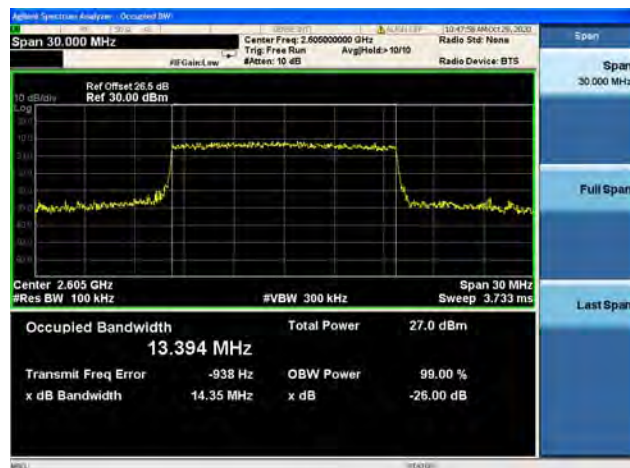
Band41 / 15MHz / Low CH / QPSK



Band41 / 15MHz / Low CH / 16QAM



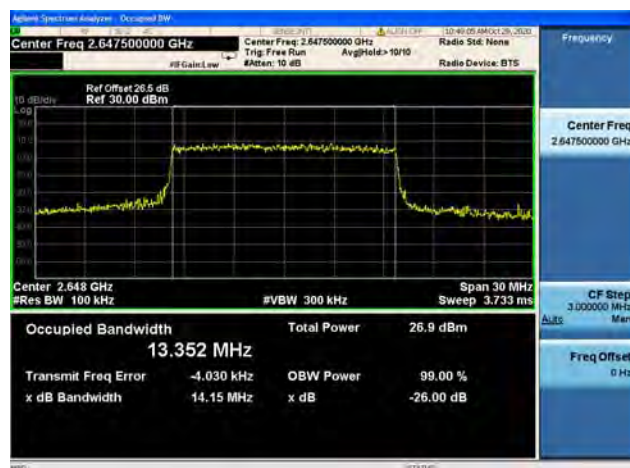
Band41 / 15MHz / Mid CH / QPSK



Band41 / 15MHz / Mid CH / 16QAM



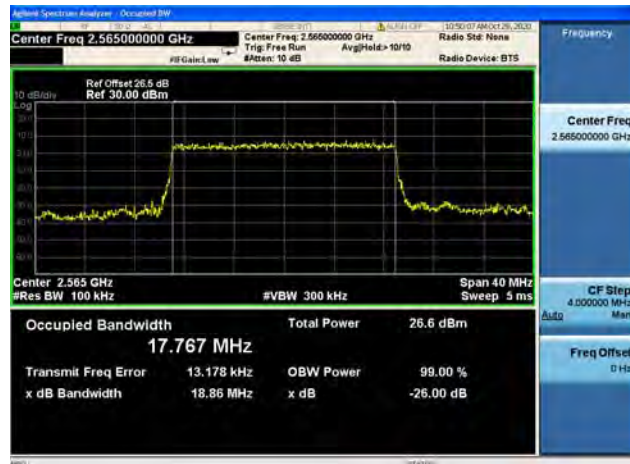
Band41 / 15MHz / High CH / QPSK



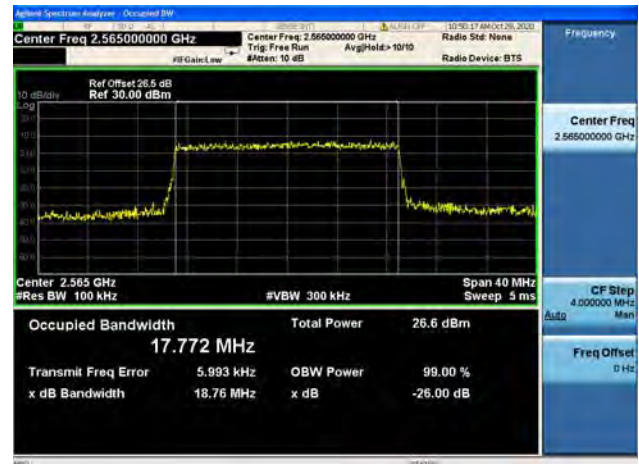
Band41 / 15MHz / High CH / 16QAM



Band41 / 20MHz / Low CH / QPSK



Band41 / 20MHz / Low CH / 16QAM



Band41 / 20MHz / Mid CH / QPSK



Band41 / 20MHz / Mid CH / 16QAM



Band41 / 20MHz / High CH / QPSK



Band41 / 20MHz / High CH / 16QAM



2.3. Frequency Stability

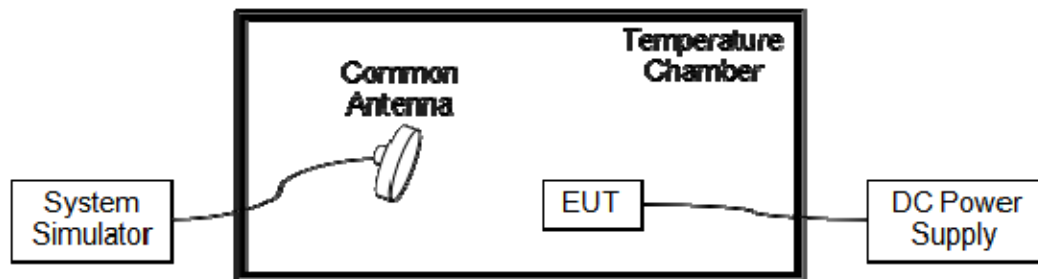
2.3.1. Requirement

According to FCC section 2.1055, 24.235, 27.54, 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 -30°C to $+50^{\circ}\text{C}$ 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.

Note: The operating temperature of EUT is from -20°C to 50°C , which are specified by the applicant.

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 3.80V, 4.35V and 3.00V, which are specified by the applicant; the normal temperature here used is 20°C.

LTE Band 2, QPSK, Channel 18900, Frequency 1880.0MHz Limit =Within Authorized Band					
Voltage(%)	Power (VDC)	Temp(°C)	Fre. Dev.(Hz)	Deviation (ppm)	Result
100	3.80	+20 (Ref)	53	-0.016	PASS
100		-20	-31	0.033	
100		-10	62	0.033	
100		0	-52	-0.028	
100		+10	47	0.025	
100		+20	-12	-0.006	
100		+30	-47	-0.025	
100		+40	-63	-0.034	
100		+50	40	0.021	
115	4.35	+20	-12	-0.006	PASS
85	3.23	+20	57	0.030	

LTE Band 4, QPSK, Channel 20175, Frequency 1732.5MHz Limit =Within Authorized Band					
Voltage(%)	Power (VDC)	Temp(°C)	Fre. Dev.(Hz)	Deviation (ppm)	Result
100	3.80	+20 (Ref)	51	0.029	PASS
100		-20	30	0.017	
100		-10	44	0.025	
100		0	-43	-0.025	
100		+10	-52	-0.030	
100		+20	31	0.018	
100		+30	47	0.027	
100		+40	33	0.019	
100		+50	52	0.030	
115	4.35	+20	-16	-0.009	PASS
85	3.23	+20	58	-0.033	



LTE Band 5, QPSK, Channel 20525, Frequency 836.5MHz Limit=±2.5ppm					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.80	+20 (Ref)	52	0.062	PASS
100		-20	27	0.032	
100		-10	38	0.045	
100		0	-42	-0.050	
100		+10	-37	-0.044	
100		+20	76	0.091	
100		+30	47	0.056	
100		+40	-21	-0.025	
100		+50	63	0.075	
115	4.35	+20	-22	-0.026	PASS
85	3.23	+20	32	-0.038	

LTE Band 7, QPSK, Channel 21100, Frequency 2535MHz Limit= Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.80	+20 (Ref)	27	0.011	PASS
100		-20	51	0.020	
100		-10	-40	-0.016	
100		0	42	0.017	
100		+10	-27	-0.011	
100		+20	-45	-0.018	
100		+30	28	0.011	
100		+40	26	0.010	
100		+50	15	0.006	
115	4.35	+20	36	0.014	PASS
85	3.23	+20	-24	0.009	



LTE Band 12, QPSK, Channel 23095, Frequency 707.5MHz Limit=±2.5ppm					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.80	+20 (Ref)	22	0.031	PASS
100		-20	62	0.088	
100		-10	-36	-0.051	
100		0	45	0.064	
100		+10	-29	-0.041	
100		+20	-27	-0.038	
100		+30	35	0.049	
100		+40	56	0.079	
100		+50	-17	-0.024	
115	4.35	+20	37	0.052	PASS
85	3.23	+20	-23	0.033	

LTE Band 13, QPSK, Channel 23230, Frequency 782MHz Limit=±2.5ppm					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.80	+20 (Ref)	25	0.032	PASS
100		-20	37	0.047	
100		-10	-62	-0.079	
100		0	48	0.061	
100		+10	-27	-0.035	
100		+20	-25	-0.032	
100		+30	31	0.040	
100		+40	39	0.050	
100		+50	17	0.022	
115	4.35	+20	38	0.049	PASS
85	3.23	+20	-23	0.029	



LTE Band 17, QPSK, Channel 23790, Frequency 710MHz Limit=±2.5ppm					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.80	+20 (Ref)	51	0.072	PASS
100		-20	28	0.039	
100		-10	-51	-0.072	
100		0	42	0.059	
100		+10	-7	-0.010	
100		+20	-32	-0.045	
100		+30	27	0.038	
100		+40	38	0.054	
100		+50	13	0.018	
115	4.35	+20	35	0.049	
85	3.23	+20	-53	0.075	

LTE Band 38, QPSK, Channel 38000, Frequency 2595MHz Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.80	+20 (Ref)	-42	-0.016	PASS
100		-20	46	0.018	
100		-10	25	0.010	
100		0	15	0.006	
100		+10	-36	-0.014	
100		+20	-53	-0.020	
100		+30	33	0.013	
100		+40	-42	-0.016	
100		+50	38	0.015	
115	4.35	+20	-58	-0.022	
85	3.23	+20	81	-0.031	



LTE Band 40, Block A, QPSK, Channel 38750, Frequency 2310MHz Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.80	+20 (Ref)	31	0.013	PASS
100		-20	30	0.013	
100		-10	28	0.012	
100		0	53	0.023	
100		+10	25	0.011	
100		+20	-64	-0.028	
100		+30	-16	-0.007	
100		+40	-74	-0.032	
100		+50	40	0.017	
115	4.35	+20	83	0.036	PASS
85	3.23	+20	57	-0.025	

LTE Band 40 Block B, QPSK, Channel 39200, Frequency 2355MHz Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.80	+20 (Ref)	21	0.009	PASS
100		-20	36	0.015	
100		-10	29	0.012	
100		0	43	0.018	
100		+10	22	0.009	
100		+20	-54	-0.023	
100		+30	-35	-0.015	
100		+40	-28	-0.012	
100		+50	37	0.016	
115	4.35	+20	56	0.024	PASS
85	3.23	+20	34	-0.014	



LTE Band 41, QPSK, Channel 40620, Frequency 2593MHz Limit=±2.5ppm					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.80	+20 (Ref)	-41	-0.016	PASS
100		-20	30	0.012	
100		-10	-35	-0.013	
100		0	-42	-0.016	
100		+10	19	0.007	
100		+20	35	0.013	
100		+30	-31	-0.012	
100		+40	-53	-0.020	
100		+50	-62	-0.024	
115	4.35	+20	-37	-0.014	
85	3.23	+20	-50	0.019	

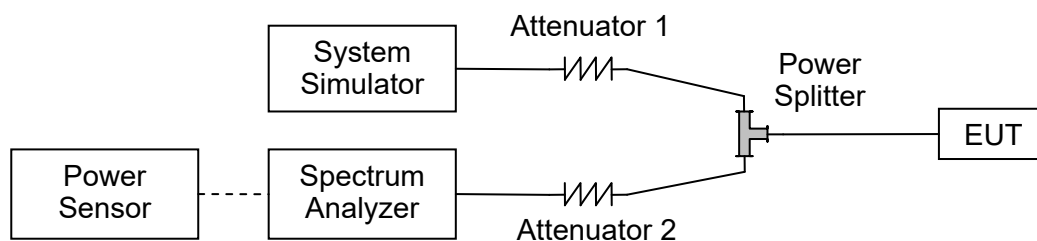
2.4. Peak to Average Ratio

2.4.1. Requirement

According to FCC section 24.232(d) and 27.50(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 50Ω; 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%.



LTE Band 2					
BW(MHz)	Channel Level	Modulation	PAR Radio(dB)	Limit(dB)	Verdict
1.4	Low	QPSK	5.04	<=13	PASS
	Low	16QAM	6.03	<=13	PASS
	Mid	QPSK	5.74	<=13	PASS
	Mid	16QAM	6.61	<=13	PASS
	High	QPSK	4.95	<=13	PASS
	High	16QAM	6.07	<=13	PASS
3	Low	QPSK	5.07	<=13	PASS
	Low	16QAM	5.99	<=13	PASS
	Mid	QPSK	6.01	<=13	PASS
	Mid	16QAM	6.85	<=13	PASS
	High	QPSK	5.16	<=13	PASS
	High	16QAM	6.22	<=13	PASS
5	Low	QPSK	5.12	<=13	PASS
	Low	16QAM	5.89	<=13	PASS
	Mid	QPSK	5.67	<=13	PASS
	Mid	16QAM	6.72	<=13	PASS
	High	QPSK	5.30	<=13	PASS
	High	16QAM	6.16	<=13	PASS
10	Low	QPSK	5.10	<=13	PASS
	Low	16QAM	5.96	<=13	PASS
	Mid	QPSK	5.60	<=13	PASS
	Mid	16QAM	6.43	<=13	PASS
	High	QPSK	5.33	<=13	PASS
	High	16QAM	6.22	<=13	PASS
15	Low	QPSK	5.10	<=13	PASS
	Low	16QAM	5.94	<=13	PASS
	Mid	QPSK	5.55	<=13	PASS
	Mid	16QAM	6.61	<=13	PASS
	High	QPSK	5.31	<=13	PASS
	High	16QAM	6.21	<=13	PASS
20	Low	QPSK	5.22	<=13	PASS
	Low	16QAM	6.10	<=13	PASS
	Mid	QPSK	5.48	<=13	PASS
	Mid	16QAM	6.41	<=13	PASS
	High	QPSK	5.92	<=13	PASS
	High	16QAM	6.27	<=13	PASS



LTE Band 4					
BW(MHz)	Channel Level	Modulation	PAR Radio(dB)	Limit(dB)	Verdict
1.4	Low	QPSK	4.53	<=13	PASS
	Low	16QAM	5.44	<=13	PASS
	Mid	QPSK	5.78	<=13	PASS
	Mid	16QAM	6.63	<=13	PASS
	High	QPSK	4.40	<=13	PASS
	High	16QAM	5.24	<=13	PASS
3	Low	QPSK	4.51	<=13	PASS
	Low	16QAM	5.47	<=13	PASS
	Mid	QPSK	5.83	<=13	PASS
	Mid	16QAM	6.75	<=13	PASS
	High	QPSK	4.47	<=13	PASS
	High	16QAM	5.42	<=13	PASS
5	Low	QPSK	4.59	<=13	PASS
	Low	16QAM	5.48	<=13	PASS
	Mid	QPSK	5.66	<=13	PASS
	Mid	16QAM	6.52	<=13	PASS
	High	QPSK	4.62	<=13	PASS
	High	16QAM	5.43	<=13	PASS
10	Low	QPSK	4.64	<=13	PASS
	Low	16QAM	5.41	<=13	PASS
	Mid	QPSK	5.67	<=13	PASS
	Mid	16QAM	6.55	<=13	PASS
	High	QPSK	4.76	<=13	PASS
	High	16QAM	5.57	<=13	PASS
15	Low	QPSK	4.63	<=13	PASS
	Low	16QAM	5.46	<=13	PASS
	Mid	QPSK	5.58	<=13	PASS
	Mid	16QAM	6.53	<=13	PASS
	High	QPSK	4.73	<=13	PASS
	High	16QAM	5.59	<=13	PASS
20	Low	QPSK	4.94	<=13	PASS
	Low	16QAM	5.83	<=13	PASS
	Mid	QPSK	5.46	<=13	PASS
	Mid	16QAM	6.44	<=13	PASS
	High	QPSK	4.93	<=13	PASS
	High	16QAM	5.89	<=13	PASS



LTE Band 5					
BW(MHz)	Channel Level	Modulation	PAR Radio(dB)	Limit(dB)	Verdict
1.4	Low	QPSK	4.60	<=13	PASS
	Low	16QAM	5.28	<=13	PASS
	Mid	QPSK	4.69	<=13	PASS
	Mid	16QAM	5.43	<=13	PASS
	High	QPSK	4.82	<=13	PASS
	High	16QAM	5.64	<=13	PASS
3	Low	QPSK	4.83	<=13	PASS
	Low	16QAM	5.59	<=13	PASS
	Mid	QPSK	4.75	<=13	PASS
	Mid	16QAM	5.67	<=13	PASS
	High	QPSK	5.07	<=13	PASS
	High	16QAM	5.82	<=13	PASS
5	Low	QPSK	5.00	<=13	PASS
	Low	16QAM	5.64	<=13	PASS
	Mid	QPSK	4.79	<=13	PASS
	Mid	16QAM	5.53	<=13	PASS
	High	QPSK	5.03	<=13	PASS
	High	16QAM	5.76	<=13	PASS
10	Low	QPSK	5.27	<=13	PASS
	Low	16QAM	5.94	<=13	PASS
	Mid	QPSK	4.84	<=13	PASS
	Mid	16QAM	5.58	<=13	PASS
	High	QPSK	5.27	<=13	PASS
	High	16QAM	5.91	<=13	PASS



LTE Band 7					
BW(MHz)	Channel Level	Modulation	PAR Radio(dB)	Limit(dB)	Verdict
5	Low	QPSK	4.65	<=13	PASS
	Low	16QAM	5.45	<=13	PASS
	Mid	QPSK	4.69	<=13	PASS
	Mid	16QAM	5.48	<=13	PASS
	High	QPSK	4.62	<=13	PASS
	High	16QAM	5.55	<=13	PASS
10	Low	QPSK	5.01	<=13	PASS
	Low	16QAM	5.69	<=13	PASS
	Mid	QPSK	4.90	<=13	PASS
	Mid	16QAM	5.55	<=13	PASS
	High	QPSK	5.06	<=13	PASS
	High	16QAM	5.86	<=13	PASS
15	Low	QPSK	5.04	<=13	PASS
	Low	16QAM	5.76	<=13	PASS
	Mid	QPSK	4.62	<=13	PASS
	Mid	16QAM	5.42	<=13	PASS
	High	QPSK	5.11	<=13	PASS
	High	16QAM	5.92	<=13	PASS
20	Low	QPSK	5.20	<=13	PASS
	Low	16QAM	5.92	<=13	PASS
	Mid	QPSK	4.71	<=13	PASS
	Mid	16QAM	5.53	<=13	PASS
	High	QPSK	5.21	<=13	PASS
	High	16QAM	6.02	<=13	PASS





LTE Band 12					
BW(MHz)	Channel Level	Modulation	PAR Radio(dB)	Limit(dB)	Verdict
1.4	Low	QPSK	5.19	<=13	PASS
	Low	16QAM	5.95	<=13	PASS
	Mid	QPSK	5.51	<=13	PASS
	Mid	16QAM	6.19	<=13	PASS
	High	QPSK	5.50	<=13	PASS
	High	16QAM	6.20	<=13	PASS
3	Low	QPSK	5.21	<=13	PASS
	Low	16QAM	6.05	<=13	PASS
	Mid	QPSK	5.48	<=13	PASS
	Mid	16QAM	6.28	<=13	PASS
	High	QPSK	5.45	<=13	PASS
	High	16QAM	6.23	<=13	PASS
5	Low	QPSK	5.13	<=13	PASS
	Low	16QAM	5.96	<=13	PASS
	Mid	QPSK	5.35	<=13	PASS
	Mid	16QAM	6.09	<=13	PASS
	High	QPSK	5.23	<=13	PASS
	High	16QAM	6.01	<=13	PASS
10	Low	QPSK	5.48	<=13	PASS
	Low	16QAM	6.16	<=13	PASS
	Mid	QPSK	5.51	<=13	PASS
	Mid	16QAM	6.16	<=13	PASS
	High	QPSK	5.14	<=13	PASS
	High	16QAM	5.95	<=13	PASS



LTE Band 13					
BW(MHz)	Channel Level	Modulation	PAR Radio(dB)	Limit(dB)	Verdict
5	Low	QPSK	4.54	<=13	PASS
	Low	16QAM	5.20	<=13	PASS
	Mid	QPSK	4.35	<=13	PASS
	Mid	16QAM	5.00	<=13	PASS
	High	QPSK	4.63	<=13	PASS
	High	16QAM	5.41	<=13	PASS
10	Mid	QPSK	4.72	<=13	PASS
	Mid	16QAM	5.37	<=13	PASS

LTE Band 17					
BW(MHz)	Channel Level	Modulation	PAR Radio(dB)	Limit(dB)	Verdict
5	Low	QPSK	5.35	<=13	PASS
	Low	16QAM	6.09	<=13	PASS
	Mid	QPSK	5.09	<=13	PASS
	Mid	16QAM	5.98	<=13	PASS
	High	QPSK	5.25	<=13	PASS
	High	16QAM	5.99	<=13	PASS
10	Low	QPSK	5.33	<=13	PASS
	Low	16QAM	6.08	<=13	PASS
	Mid	QPSK	5.18	<=13	PASS
	Mid	16QAM	5.99	<=13	PASS
	High	QPSK	5.13	<=13	PASS
	High	16QAM	5.94	<=13	PASS



LTE Band 38					
BW(MHz)	Channel Level	Modulation	PAR Radio(dB)	Limit(dB)	Verdict
5	Low	QPSK	10.22	<=13	PASS
	Low	16QAM	9.87	<=13	PASS
	Mid	QPSK	9.60	<=13	PASS
	Mid	16QAM	9.65	<=13	PASS
	High	QPSK	9.52	<=13	PASS
	High	16QAM	10.83	<=13	PASS
10	Low	QPSK	9.14	<=13	PASS
	Low	16QAM	9.39	<=13	PASS
	Mid	QPSK	9.34	<=13	PASS
	Mid	16QAM	9.44	<=13	PASS
	High	QPSK	9.55	<=13	PASS
	High	16QAM	10.36	<=13	PASS
15	Low	QPSK	10.18	<=13	PASS
	Low	16QAM	9.09	<=13	PASS
	Mid	QPSK	8.23	<=13	PASS
	Mid	16QAM	10.30	<=13	PASS
	High	QPSK	8.76	<=13	PASS
	High	16QAM	9.14	<=13	PASS
20	Low	QPSK	8.22	<=13	PASS
	Low	16QAM	10.04	<=13	PASS
	Mid	QPSK	9.58	<=13	PASS
	Mid	16QAM	9.84	<=13	PASS
	High	QPSK	8.67	<=13	PASS
	High	16QAM	12.83	<=13	PASS





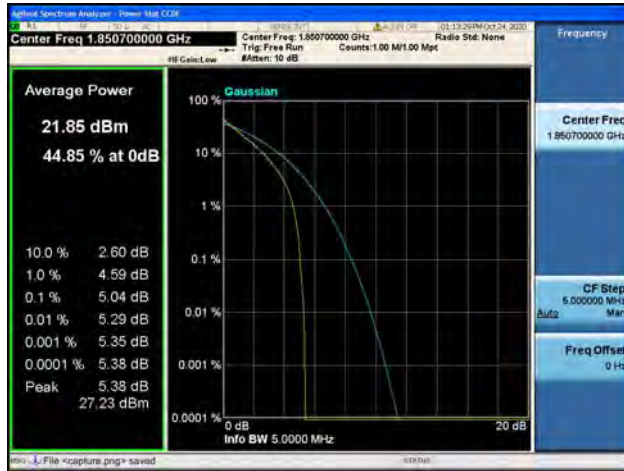
LTE Band 40, Block A					
BW(MHz)	Channel Level	Modulation	PAR Radio(dB)	Limit(dB)	Verdict
5	Low	QPSK	9.15	<=13	PASS
	Low	16QAM	8.20	<=13	PASS
	Mid	QPSK	8.34	<=13	PASS
	Mid	16QAM	8.84	<=13	PASS
	High	QPSK	8.76	<=13	PASS
	High	16QAM	8.76	<=13	PASS
10	Mid	QPSK	8.44	<=13	PASS
	Mid	16QAM	8.47	<=13	PASS

LTE Band 40, Block B					
BW(MHz)	Channel Level	Modulation	PAR Radio(dB)	Limit(dB)	Verdict
5	Low	QPSK	8.97	<=13	PASS
	Low	16QAM	9.51	<=13	PASS
	Mid	QPSK	9.15	<=13	PASS
	Mid	16QAM	8.95	<=13	PASS
	High	QPSK	9.26	<=13	PASS
	High	16QAM	8.46	<=13	PASS
10	Mid	QPSK	9.37	<=13	PASS
	Mid	16QAM	9.13	<=13	PASS



LTE Band 41					
BW(MHz)	Channel Level	Modulation	PAR Radio(dB)	Limit(dB)	Verdict
5	Low	QPSK	9.09	<=13	PASS
	Low	16QAM	9.93	<=13	PASS
	Mid	QPSK	9.13	<=13	PASS
	Mid	16QAM	9.84	<=13	PASS
	High	QPSK	8.37	<=13	PASS
	High	16QAM	8.60	<=13	PASS
10	Low	QPSK	10.40	<=13	PASS
	Low	16QAM	9.16	<=13	PASS
	Mid	QPSK	9.12	<=13	PASS
	Mid	16QAM	9.39	<=13	PASS
	High	QPSK	8.25	<=13	PASS
	High	16QAM	8.27	<=13	PASS
15	Low	QPSK	8.84	<=13	PASS
	Low	16QAM	10.54	<=13	PASS
	Mid	QPSK	9.49	<=13	PASS
	Mid	16QAM	9.69	<=13	PASS
	High	QPSK	9.76	<=13	PASS
	High	16QAM	8.64	<=13	PASS
20	Low	QPSK	9.05	<=13	PASS
	Low	16QAM	9.57	<=13	PASS
	Mid	QPSK	9.80	<=13	PASS
	Mid	16QAM	9.22	<=13	PASS
	High	QPSK	8.87	<=13	PASS
	High	16QAM	9.16	<=13	PASS

Band2 / 1.4MHz / Low CH / QPSK



Band2 / 1.4MHz / Low CH / 16QAM



Band2 / 1.4MHz / Mid CH / QPSK



Band2 / 1.4MHz / Mid CH / 16QAM



Band2 / 1.4MHz / High CH / QPSK



Band2 / 1.4MHz / High CH / 16QAM



Band2 / 3MHz / Low CH / QPSK



Band2 / 3MHz / Low CH / 16QAM



Band2 / 3MHz / Mid CH / QPSK



Band2 / 3MHz / Mid CH / 16QAM



Band2 / 3MHz / High CH / QPSK



Band2 / 3MHz / High CH / 16QAM



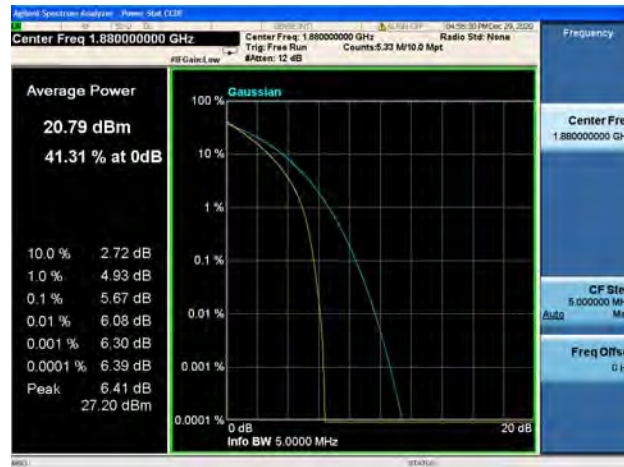
Band2 / 5MHz / Low CH / QPSK



Band2 / 5MHz / Low CH / 16QAM



Band2 / 5MHz / Mid CH / QPSK



Band2 / 5MHz / Mid CH / 16QAM



Band2 / 5MHz / High CH / QPSK



Band2 / 5MHz / High CH / 16QAM





Band2 / 10MHz / Low CH / QPSK



Band2 / 10MHz / Low CH / 16QAM



Band2 / 10MHz / Mid CH / QPSK



Band2 / 10MHz / Mid CH / 16QAM



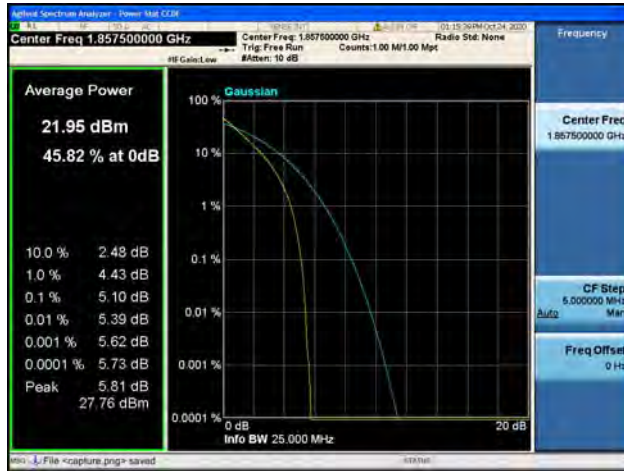
Band2 / 10MHz / High CH / QPSK



Band2 / 10MHz / High CH / 16QAM



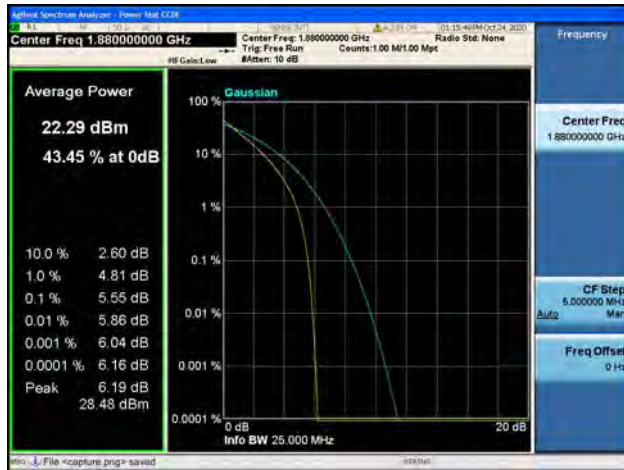
Band2 / 15MHz / Low CH / QPSK



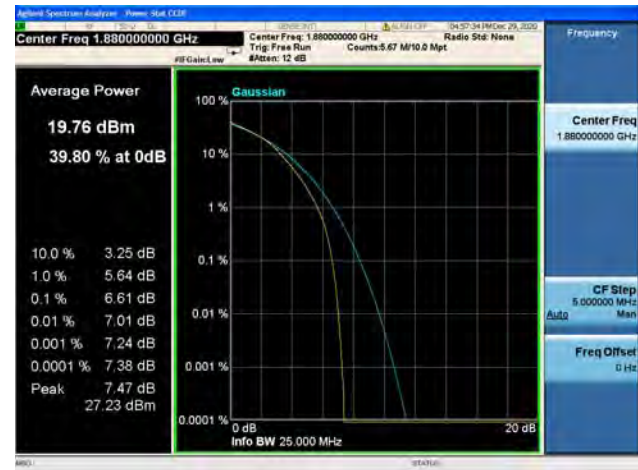
Band2 / 15MHz / Low CH / 16QAM



Band2 / 15MHz / Mid CH / QPSK



Band2 / 15MHz / Mid CH / 16QAM



Band2 / 15MHz / High CH / QPSK

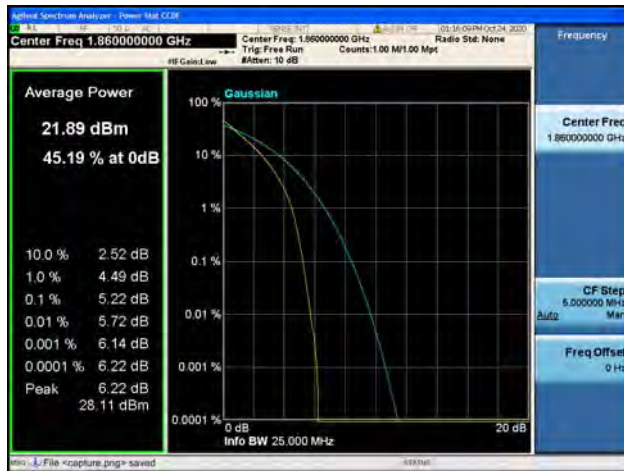


Band2 / 15MHz / High CH / 16QAM





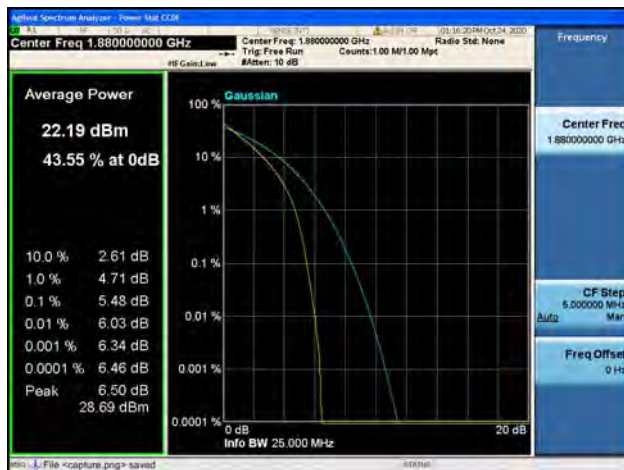
Band2 / 20MHz / Low CH / QPSK



Band2 / 20MHz / Low CH / 16QAM



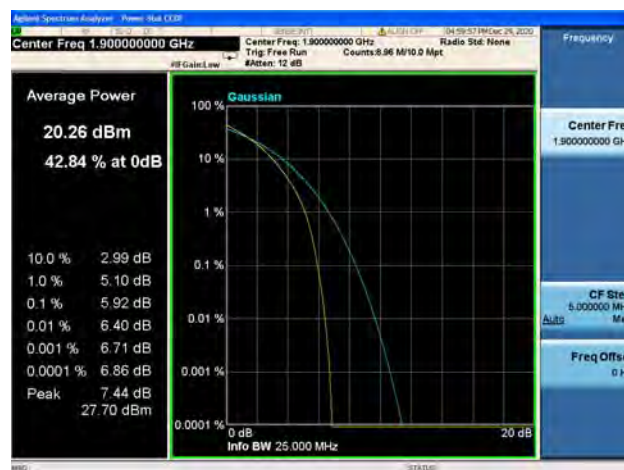
Band2 / 20MHz / Mid CH / QPSK



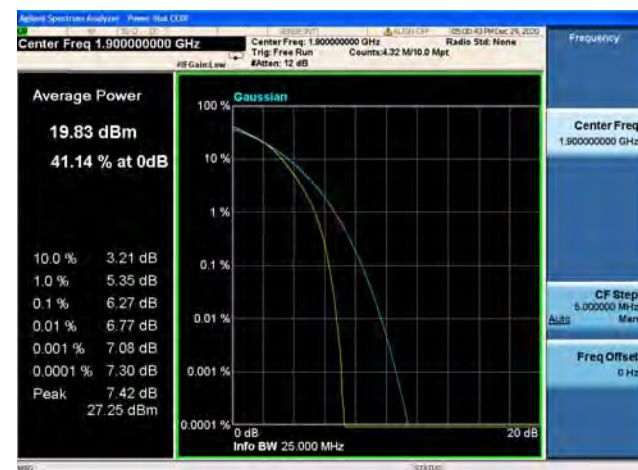
Band2 / 20MHz / Mid CH / 16QAM



Band2 / 20MHz / High CH / QPSK



Band2 / 20MHz / High CH / 16QAM



Band4 / 1.4MHz / Low CH / QPSK



Band4 / 1.4MHz / Low CH / 16QAM



Band4 / 1.4MHz / Mid CH / QPSK



Band4 / 1.4MHz / Mid CH / 16QAM



Band4 / 1.4MHz / High CH / QPSK



Band4 / 1.4MHz / High CH / 16QAM





Band4 / 3MHz / Low CH / QPSK



Band4 / 3MHz / Low CH / 16QAM



Band4 / 3MHz / Mid CH / QPSK



Band4 / 3MHz / Mid CH / 16QAM



Band4 / 3MHz / High CH / QPSK



Band4 / 3MHz / High CH / 16QAM



Band4 / 5MHz / Low CH / QPSK



Band4 / 5MHz / Low CH / 16QAM



Band4 / 5MHz / Mid CH / QPSK



Band4 / 5MHz / Mid CH / 16QAM



Band4 / 5MHz / High CH / QPSK



Band4 / 5MHz / High CH / 16QAM

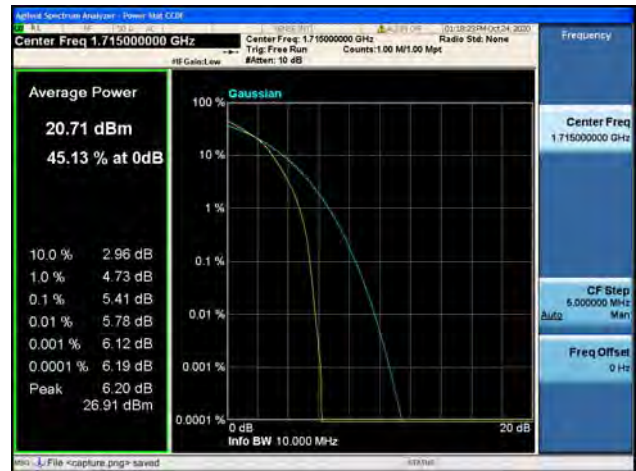




Band4 / 10MHz / Low CH / QPSK



Band4 / 10MHz / Low CH / 16QAM



Band4 / 10MHz / Mid CH / QPSK



Band4 / 10MHz / Mid CH / 16QAM



Band4 / 10MHz / High CH / QPSK



Band4 / 10MHz / High CH / 16QAM





Band4 / 15MHz / Low CH / QPSK



Band4 / 15MHz / Low CH / 16QAM



Band4 / 15MHz / Mid CH / QPSK



Band4 / 15MHz / Mid CH / 16QAM



Band4 / 15MHz / High CH / QPSK



Band4 / 15MHz / High CH / 16QAM



Band4 / 20MHz / Low CH / QPSK



Band4 / 20MHz / Low CH / 16QAM



Band4 / 20MHz / Mid CH / QPSK



Band4 / 20MHz / Mid CH / 16QAM



Band4 / 20MHz / High CH / QPSK



Band4 / 20MHz / High CH / 16QAM





Band5 / 1.4MHz / Low CH / QPSK



Band5 / 1.4MHz / Low CH / 16QAM



Band5 / 1.4MHz / Mid CH / QPSK



Band5 / 1.4MHz / Mid CH / 16QAM



Band5 / 1.4MHz / High CH / QPSK



Band5 / 1.4MHz / High CH / 16QAM

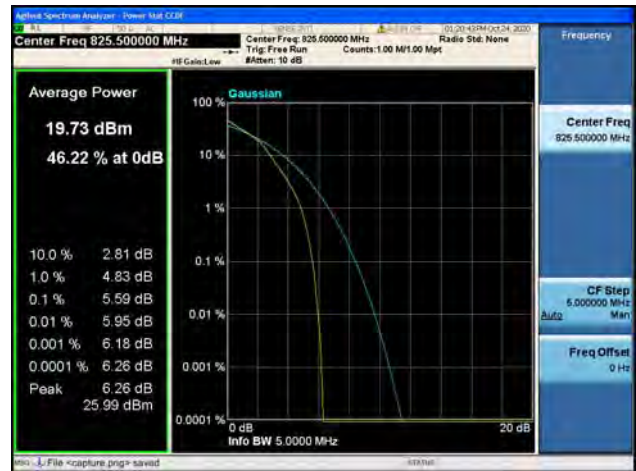




Band5 / 3MHz / Low CH / QPSK



Band5 / 3MHz / Low CH / 16QAM



Band5 / 3MHz / Mid CH / QPSK



Band5 / 3MHz / Mid CH / 16QAM



Band5 / 3MHz / High CH / QPSK



Band5 / 3MHz / High CH / 16QAM





Band5 / 5MHz / Low CH / QPSK



Band5 / 5MHz / Low CH / 16QAM



Band5 / 5MHz / Mid CH / QPSK



Band5 / 5MHz / Mid CH / 16QAM



Band5 / 5MHz / High CH / QPSK



Band5 / 5MHz / High CH / 16QAM

