Band26Part22 / 10MHz / Low CH / QPSK

Band26Part22 / 10MHz / Low CH / 16QAM

Band26Part22 / 10MHz / Mid CH / QPSK

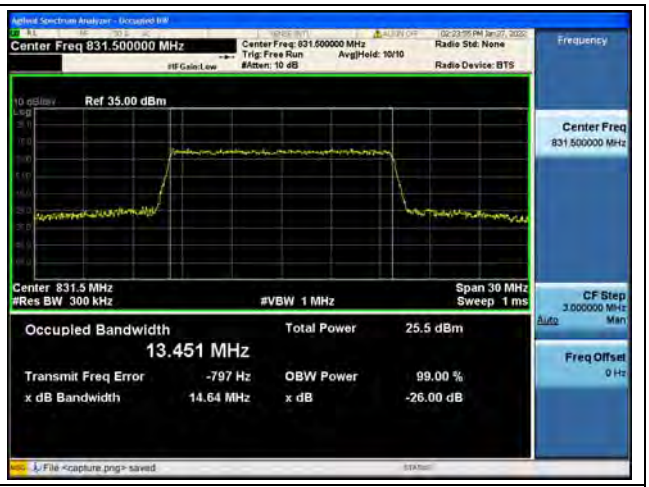
Band26Part22 / 10MHz / Mid CH / 16QAM

Band26Part22 / 10MHz / High CH / QPSK

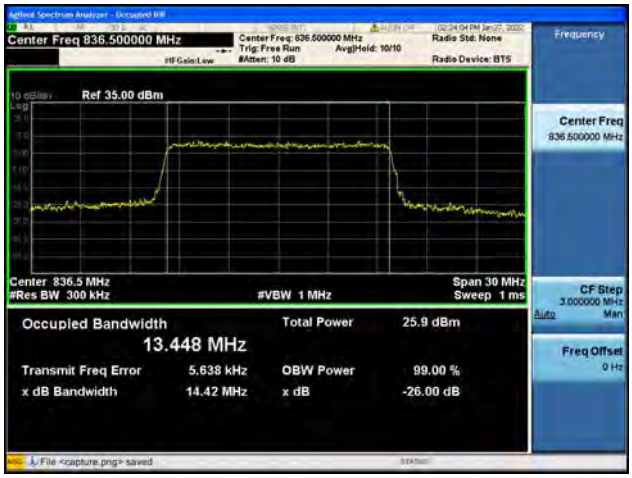
Band26Part22 / 10MHz / High CH / 16QAM

Band26Part22 / 15MHz / Low CH / QPSK

Band26Part22 / 15MHz / Low CH / 16QAM

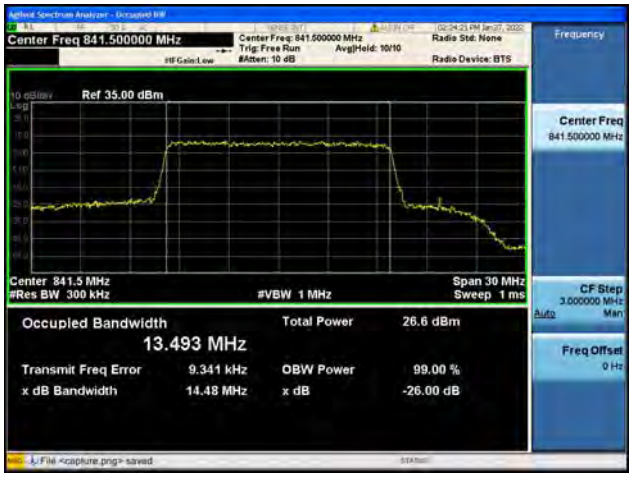


Band26Part22 / 15MHz / Mid CH / QPSK

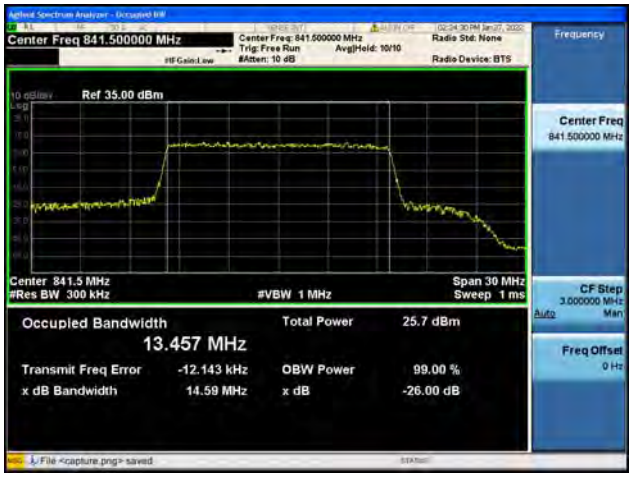


Band26Part22 / 15MHz / Mid CH / 16QAM

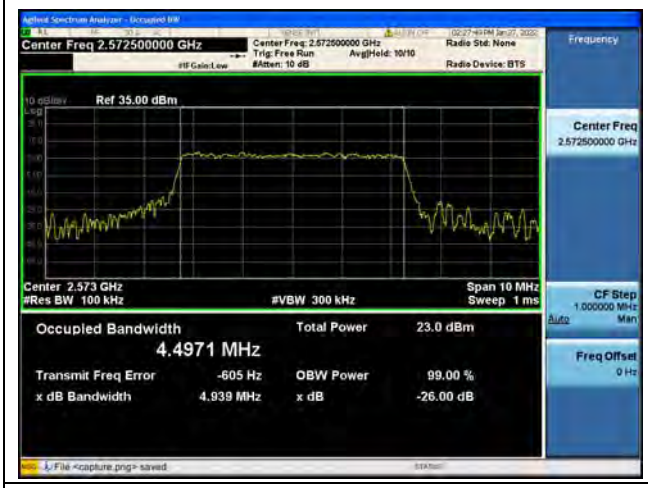
Band26Part22 / 15MHz / High CH / QPSK



Band26Part22 / 15MHz / High CH / 16QAM



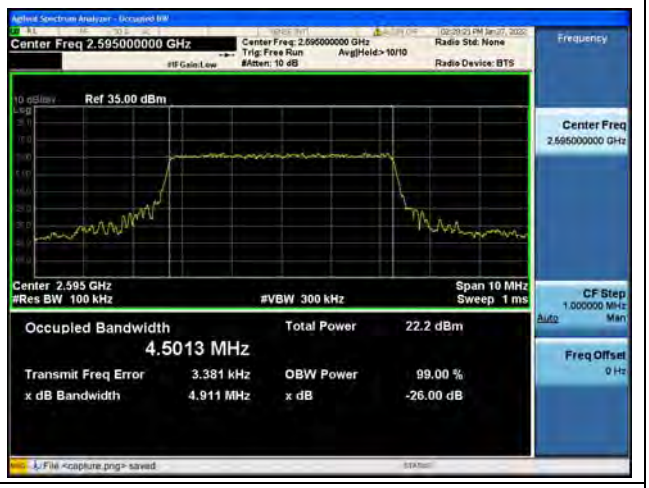
Band38 / 5MHz / Low CH / QPSK



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

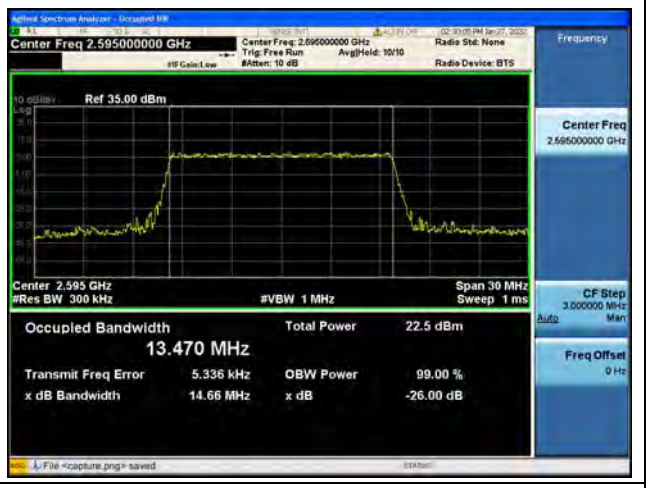
Band38 / 10MHz / High CH / 16QAM

Band38 / 15MHz / Low CH / QPSK

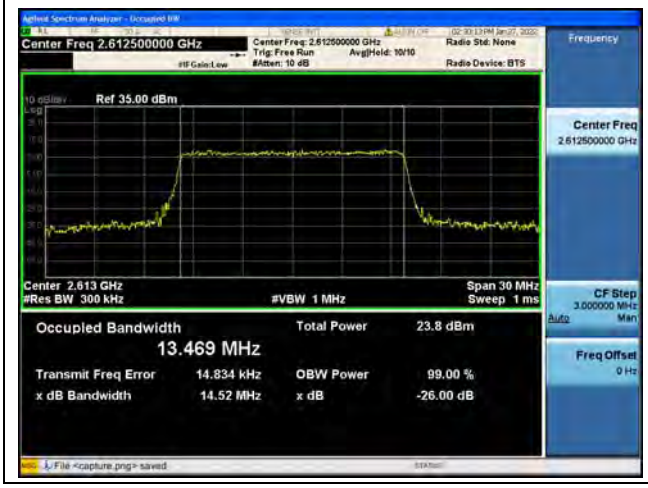
Band38 / 15MHz / Low CH / 16QAM

Band38 / 15MHz / Mid CH / QPSK

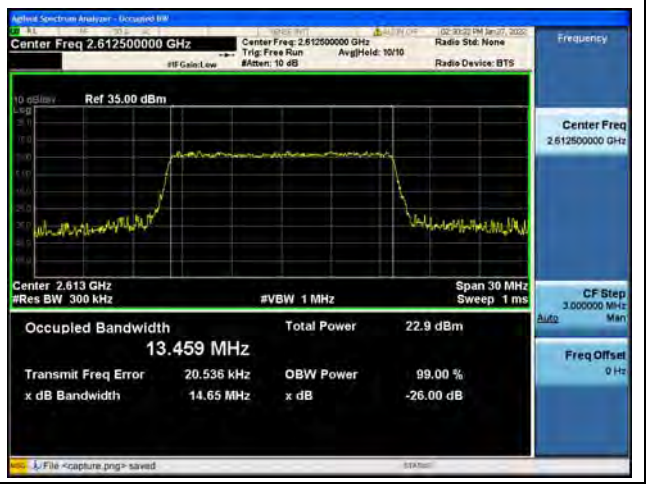
Band38 / 15MHz / Mid CH / 16QAM



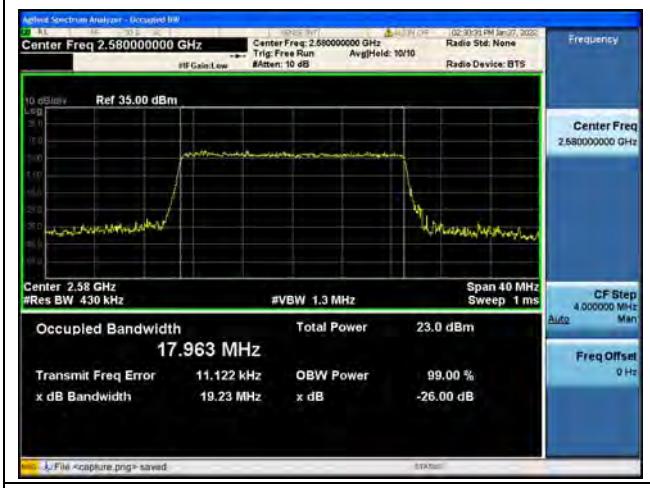
Band38 / 15MHz / High CH / QPSK



Band38 / 15MHz / High CH / 16QAM

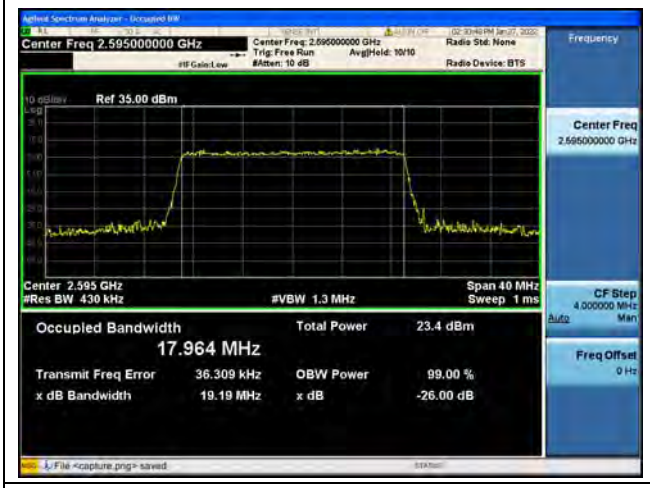


Band38 / 20MHz / Low CH / QPSK

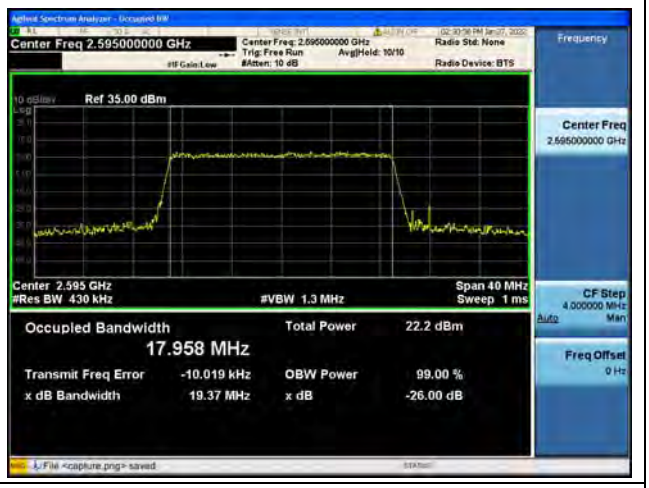


Band38 / 20MHz / Low CH / 16QAM

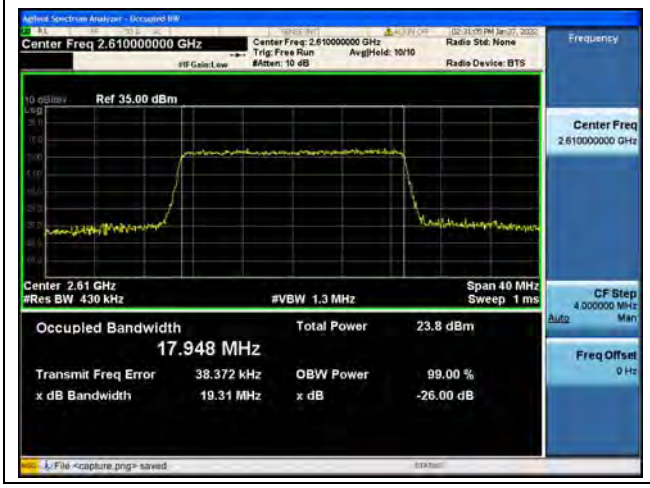
Band38 / 20MHz / Mid CH / QPSK



Band38 / 20MHz / Mid CH / 16QAM

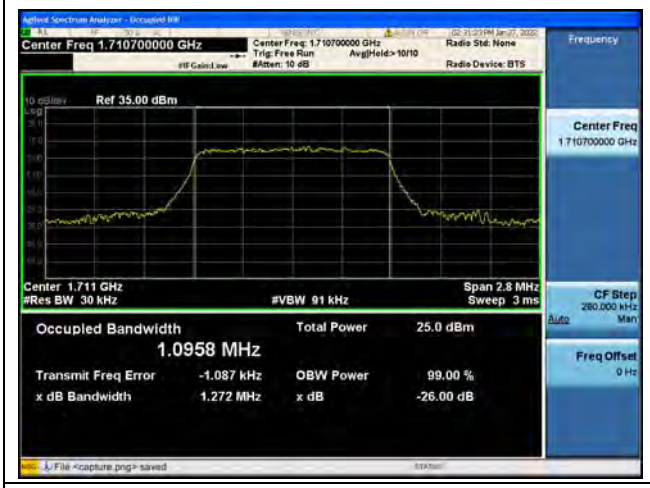


Band38 / 20MHz / High CH / QPSK



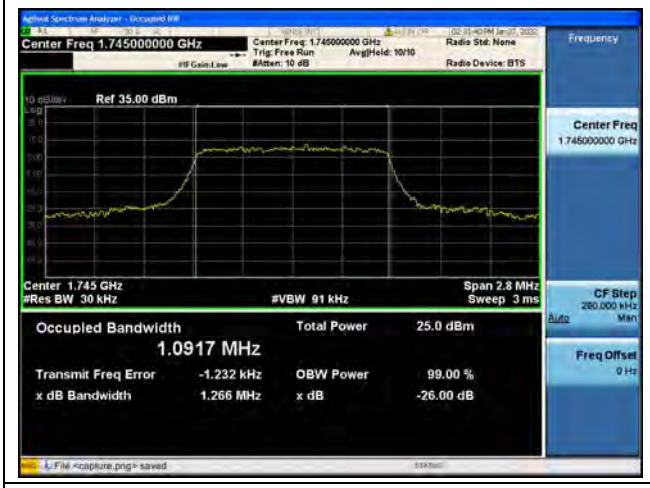
Band38 / 20MHz / High CH / 16QAM

Band66 / 1.4MHz / Low CH / QPSK



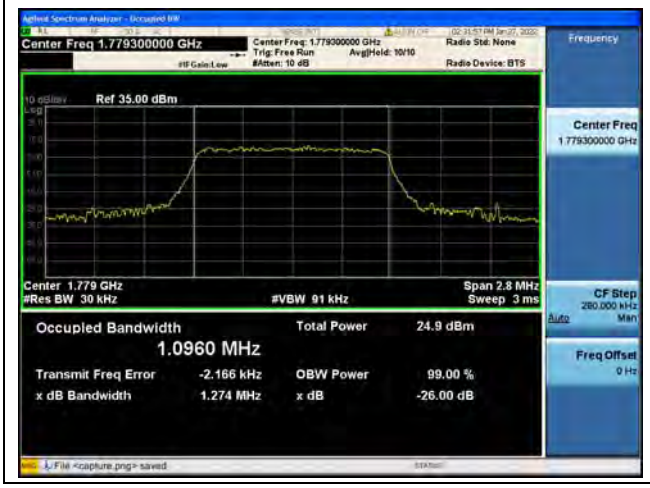
Band66 / 1.4MHz / Low CH / 16QAM

Band66 / 1.4MHz / Mid CH / QPSK



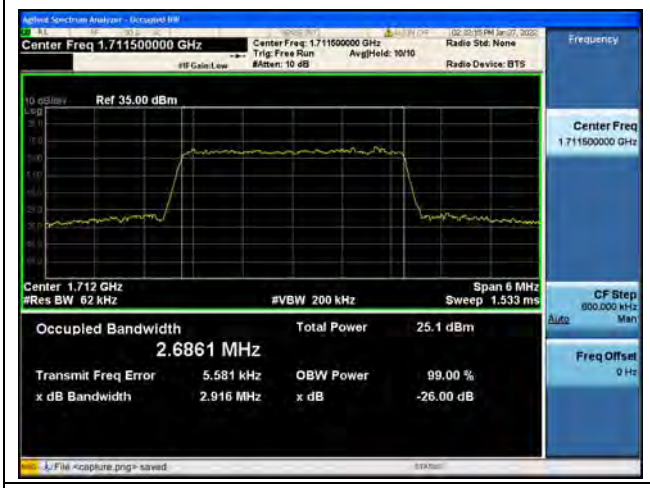
Band66 / 1.4MHz / Mid CH / 16QAM

Band66 / 1.4MHz / High CH / QPSK



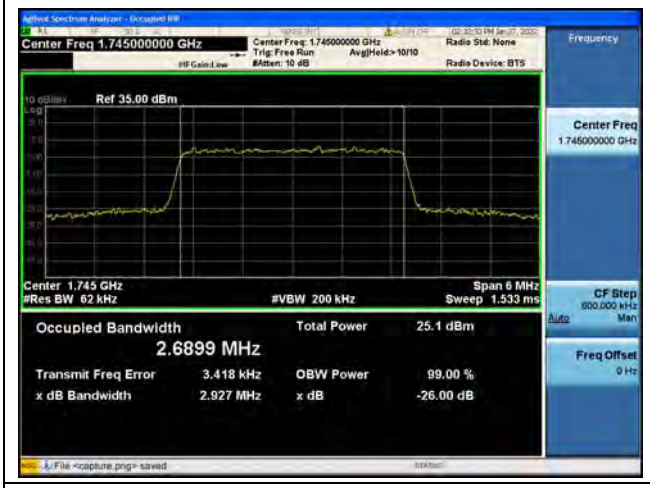
Band66 / 1.4MHz / High CH / 16QAM

Band66 / 3MHz / Low CH / QPSK



Band66 / 3MHz / Low CH / 16QAM

Band66 / 3MHz / Mid CH / QPSK

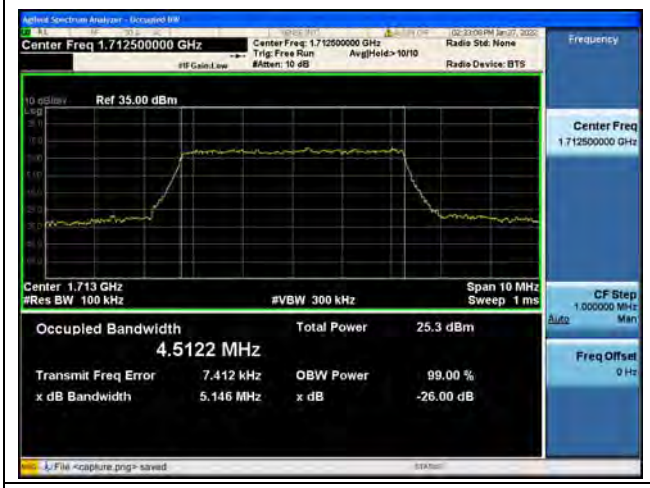


Band66 / 3MHz / Mid CH / 16QAM

Band66 / 3MHz / High CH / QPSK

Band66 / 3MHz / High CH / 16QAM

Band66 / 5MHz / Low CH / QPSK



Band66 / 5MHz / Low CH / 16QAM

Band66 / 5MHz / Mid CH / QPSK

Band66 / 5MHz / Mid CH / 16QAM

Band66 / 5MHz / High CH / QPSK

Band66 / 5MHz / High CH / 16QAM

Band66 / 10MHz / Low CH / QPSK

Band66 / 10MHz / Low CH / 16QAM

Band66 / 10MHz / Mid CH / QPSK

Band66 / 10MHz / Mid CH / 16QAM

Band66 / 10MHz / High CH / QPSK

Band66 / 10MHz / High CH / 16QAM

Band66 / 15MHz / Low CH / QPSK

Band66 / 15MHz / Low CH / 16QAM

Band66 / 15MHz / Mid CH / QPSK

Band66 / 15MHz / Mid CH / 16QAM

Band66 / 15MHz / High CH / QPSK

Band66 / 15MHz / High CH / 16QAM

Band66 / 20MHz / Low CH / QPSK

Band66 / 20MHz / Low CH / 16QAM

Band66 / 20MHz / Mid CH / QPSK

Band66 / 20MHz / Mid CH / 16QAM

Band66 / 20MHz / High CH / QPSK

Band66 / 20MHz / High CH / 16QAM

2.3. Frequency Stability

2.3.1. Requirement

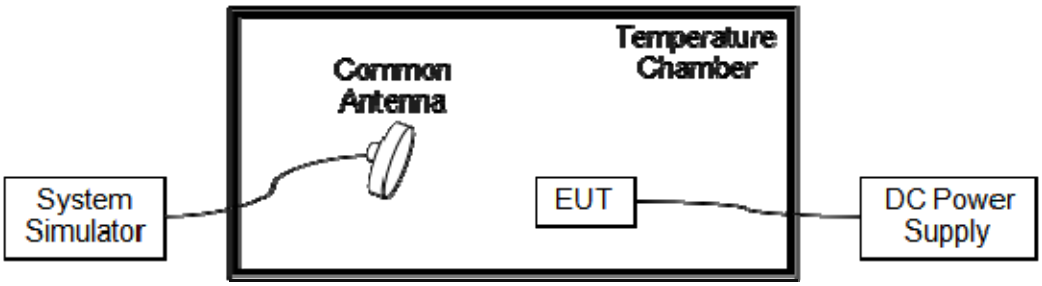
According to FCC section 2.1055, 24.235, 27.54, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. According to FCC section 2.1055, the test conditions are:

(a) The temperature is varied from -30°C to +50°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 -10°C to 55°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 3.87V, 4.45V 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**
Normal	3.87	+20(Ref)	-35	-0.019	PASS
Normal		-10	38	0.020	
Normal		0	34	0.018	
Normal		+10	-43	-0.023	
Normal		+20	-13	-0.007	
Normal		+30	56	0.030	
Normal		+40	-45	-0.024	
Normal		+50	42	0.022	
Normal		+55	17	0.009	
High	4.45	+20	40	0.021	
BATT.ENDPOINT	3.00	+20	-33	-0.018	

LTE Band 4, QPSK, Channel 20175, Frequency 1732.5MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.87	+20(Ref)	-28	-0.016	PASS
Normal		-10	27	0.016	
Normal		0	-48	-0.028	
Normal		+10	-22	-0.013	
Normal		+20	42	0.024	
Normal		+30	-33	-0.019	
Normal		+40	-58	-0.033	
Normal		+50	-26	-0.015	
Normal		+55	24	0.014	
High	4.45	+20	-16	-0.009	
BATT.ENDPOINT	3.00	+20	15	0.009	

LTE Band 5, QPSK, Channel 20525, Frequency 836.5MHz Limit=±2.5ppm					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.87	+20(Ref)	37	0.044	PASS
Normal		-10	-44	-0.053	
Normal		0	15	0.018	
Normal		+10	21	0.025	
Normal		+20	26	0.031	
Normal		+30	51	0.061	
Normal		+40	53	0.063	
Normal		+50	20	0.024	
Normal		+55	54	0.065	
High	4.45	+20	45	0.054	
BATT.ENDPOINT	3.00	+20	-34	-0.041	

LTE Band 7, QPSK, Channel 21100, Frequency 2535.0MHz Limit= Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.87	+20(Ref)	-52	-0.021	PASS
Normal		-10	15	0.006	
Normal		0	13	0.005	
Normal		+10	24	0.009	
Normal		+20	48	0.019	
Normal		+30	50	0.020	
Normal		+40	-40	-0.016	
Normal		+50	28	0.011	
Normal		+55	33	0.013	
High	4.45	+20	36	0.014	
BATT.ENDPOINT	3.00	+20	39	0.015	

LTE Band 13, QPSK, Channel 23230, Frequency 782.0MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.87	+20(Ref)	41	0.052	PASS
Normal		-10	15	0.019	
Normal		0	-18	-0.023	
Normal		+10	-32	-0.041	
Normal		+20	-37	-0.047	
Normal		+30	-44	-0.056	
Normal		+40	14	0.018	
Normal		+50	-35	-0.045	
Normal		+55	-26	-0.033	
High	4.45	+20	49	0.063	
BATT.ENDPOINT	3.00	+20	-35	-0.045	

LTE Band 26, QPSK, Channel 26740, Frequency 819MHz Limit =±2.5ppm					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.87	+20(Ref)	55	0.066	PASS
Normal		-10	-17	-0.020	
Normal		0	46	0.055	
Normal		+10	30	0.036	
Normal		+20	44	0.053	
Normal		+30	23	0.027	
Normal		+40	-20	-0.024	
Normal		+50	25	0.030	
Normal		+55	16	0.019	
High	4.45	+20	-39	-0.047	
BATT.ENDPOINT	3.00	+20	-22	-0.026	

LTE Band 38, QPSK, Channel 38000, Frequency 2595.0MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.87	+20(Ref)	-52	-0.063	PASS
Normal		-10	19	0.023	
Normal		0	-56	-0.068	
Normal		+10	-45	-0.055	
Normal		+20	39	0.048	
Normal		+30	27	0.033	
Normal		+40	44	0.054	
Normal		+50	41	0.050	
Normal		+55	28	0.034	
High	4.45	+20	42	0.051	
BATT.ENDPOINT	3.00	+20	44	0.054	

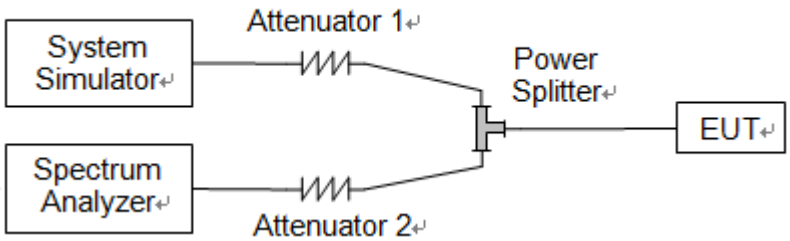
LTE Band 66, QPSK, Channel 132322, Frequency 1745.0MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.87	+20(Ref)	25	0.014	PASS
Normal		-10	-15	-0.009	
Normal		0	-49	-0.028	
Normal		+10	34	0.019	
Normal		+20	-26	-0.015	
Normal		+30	43	0.025	
Normal		+40	-45	-0.026	
Normal		+50	-26	-0.015	
Normal		+55	-23	-0.013	
High	4.45	+20	-27	-0.015	
BATT.ENDPOINT	3.00	+20	-46	-0.026	

2.4. Peak to Average Radio

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



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%.

LTE Band 2					
BW(MHz)	**Channel Level**	**Modulation**	**PAR Radio(dB)**	**Limit(dB)**	**Verdict**
1.4	Low	QPSK	5.53	<=13	PASS
	Low	16QAM	6.50	<=13	PASS
	Mid	QPSK	5.57	<=13	PASS
	Mid	16QAM	6.34	<=13	PASS
	High	QPSK	5.14	<=13	PASS
	High	16QAM	5.98	<=13	PASS
3	Low	QPSK	5.78	<=13	PASS
	Low	16QAM	6.59	<=13	PASS
	Mid	QPSK	5.63	<=13	PASS
	Mid	16QAM	6.38	<=13	PASS
	High	QPSK	5.26	<=13	PASS
	High	16QAM	6.14	<=13	PASS
5	Low	QPSK	5.85	<=13	PASS
	Low	16QAM	6.54	<=13	PASS
	Mid	QPSK	5.77	<=13	PASS
	Mid	16QAM	6.44	<=13	PASS
	High	QPSK	5.46	<=13	PASS
	High	16QAM	6.12	<=13	PASS
10	Low	QPSK	5.90	<=13	PASS
	Low	16QAM	6.55	<=13	PASS
	Mid	QPSK	5.76	<=13	PASS
	Mid	16QAM	6.39	<=13	PASS
	High	QPSK	5.57	<=13	PASS
	High	16QAM	6.22	<=13	PASS
15	Low	QPSK	5.89	<=13	PASS
	Low	16QAM	6.56	<=13	PASS
	Mid	QPSK	5.66	<=13	PASS
	Mid	16QAM	6.41	<=13	PASS
	High	QPSK	5.51	<=13	PASS
	High	16QAM	6.19	<=13	PASS
20	Low	QPSK	5.82	<=13	PASS
	Low	16QAM	6.56	<=13	PASS
	Mid	QPSK	5.73	<=13	PASS
	Mid	16QAM	6.45	<=13	PASS
	High	QPSK	5.54	<=13	PASS
	High	16QAM	6.29	<=13	PASS

LTE Band 4					
BW(MHz)	**Channel Level**	**Modulation**	**PAR Radio(dB)**	**Limit(dB)**	**Verdict**
1.4	Low	QPSK	5.76	<=13	PASS
	Low	16QAM	6.42	<=13	PASS
	Mid	QPSK	5.66	<=13	PASS
	Mid	16QAM	6.44	<=13	PASS
	High	QPSK	5.24	<=13	PASS
	High	16QAM	5.93	<=13	PASS
3	Low	QPSK	5.65	<=13	PASS
	Low	16QAM	6.52	<=13	PASS
	Mid	QPSK	5.70	<=13	PASS
	Mid	16QAM	6.55	<=13	PASS
	High	QPSK	5.24	<=13	PASS
	High	16QAM	6.10	<=13	PASS
5	Low	QPSK	5.78	<=13	PASS
	Low	16QAM	6.47	<=13	PASS
	Mid	QPSK	5.79	<=13	PASS
	Mid	16QAM	6.44	<=13	PASS
	High	QPSK	5.45	<=13	PASS
	High	16QAM	6.14	<=13	PASS
10	Low	QPSK	5.76	<=13	PASS
	Low	16QAM	6.47	<=13	PASS
	Mid	QPSK	5.81	<=13	PASS
	Mid	16QAM	6.42	<=13	PASS
	High	QPSK	5.48	<=13	PASS
	High	16QAM	6.16	<=13	PASS
15	Low	QPSK	5.73	<=13	PASS
	Low	16QAM	6.39	<=13	PASS
	Mid	QPSK	5.75	<=13	PASS
	Mid	16QAM	6.43	<=13	PASS
	High	QPSK	5.44	<=13	PASS
	High	16QAM	6.13	<=13	PASS
20	Low	QPSK	5.70	<=13	PASS
	Low	16QAM	6.47	<=13	PASS
	Mid	QPSK	5.69	<=13	PASS
	Mid	16QAM	6.47	<=13	PASS
	High	QPSK	5.51	<=13	PASS
	High	16QAM	6.24	<=13	PASS

LTE Band 66					
BW(MHz)	**Channel Level**	**Modulation**	**PAR Radio(dB)**	**Limit(dB)**	**Verdict**
1.4	Low	QPSK	5.30	<=13	PASS
	Low	16QAM	6.29	<=13	PASS
	Mid	QPSK	5.12	<=13	PASS
	Mid	16QAM	5.95	<=13	PASS
	High	QPSK	5.10	<=13	PASS
	High	16QAM	5.99	<=13	PASS
3	Low	QPSK	5.57	<=13	PASS
	Low	16QAM	6.44	<=13	PASS
	Mid	QPSK	5.22	<=13	PASS
	Mid	16QAM	6.09	<=13	PASS
	High	QPSK	5.32	<=13	PASS
	High	16QAM	6.14	<=13	PASS
5	Low	QPSK	5.67	<=13	PASS
	Low	16QAM	6.33	<=13	PASS
	Mid	QPSK	5.43	<=13	PASS
	Mid	16QAM	6.11	<=13	PASS
	High	QPSK	5.54	<=13	PASS
	High	16QAM	6.17	<=13	PASS
10	Low	QPSK	5.70	<=13	PASS
	Low	16QAM	6.37	<=13	PASS
	Mid	QPSK	5.46	<=13	PASS
	Mid	16QAM	6.14	<=13	PASS
	High	QPSK	5.60	<=13	PASS
	High	16QAM	6.24	<=13	PASS
15	Low	QPSK	5.68	<=13	PASS
	Low	16QAM	6.37	<=13	PASS
	Mid	QPSK	5.33	<=13	PASS
	Mid	16QAM	6.07	<=13	PASS
	High	QPSK	5.44	<=13	PASS
	High	16QAM	6.16	<=13	PASS
20	Low	QPSK	5.63	<=13	PASS
	Low	16QAM	6.41	<=13	PASS
	Mid	QPSK	5.41	<=13	PASS
	Mid	16QAM	6.18	<=13	PASS
	High	QPSK	5.44	<=13	PASS
	High	16QAM	6.20	<=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

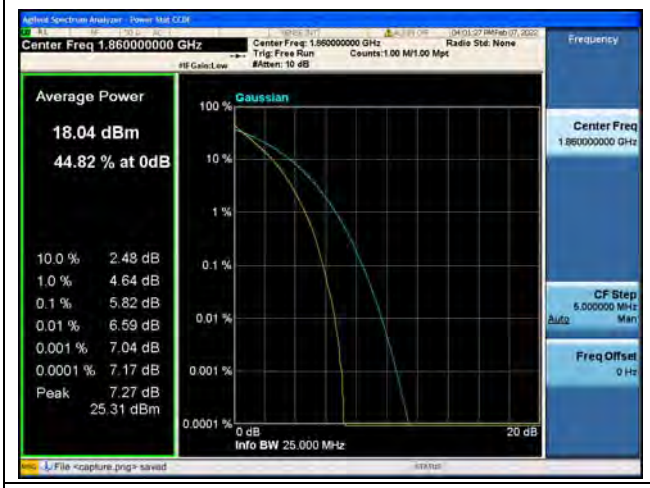
Band2 / 15MHz / Mid CH / QPSK

Band2 / 15MHz / Mid CH / 16QAM

Band2 / 15MHz / High CH / QPSK

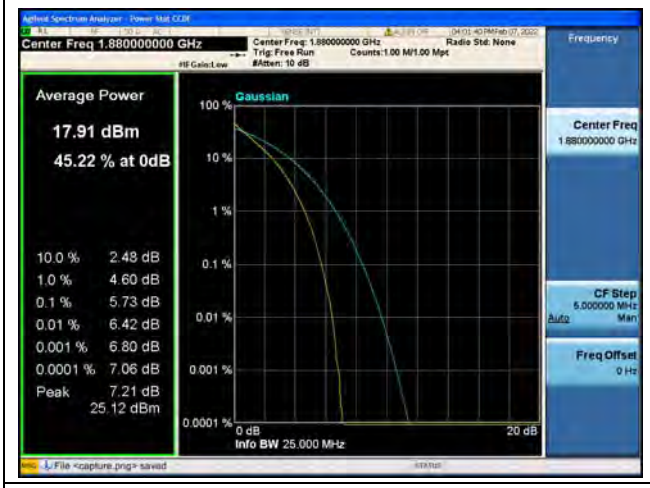
Band2 / 15MHz / High CH / 16QAM

Band2 / 20MHz / Low CH / QPSK



Band2 / 20MHz / Low CH / 16QAM

Band2 / 20MHz / Mid CH / QPSK

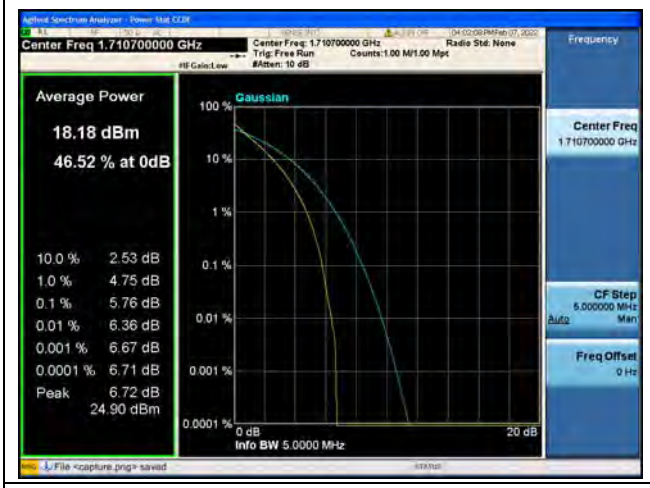


Band2 / 20MHz / Mid CH / 16QAM

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

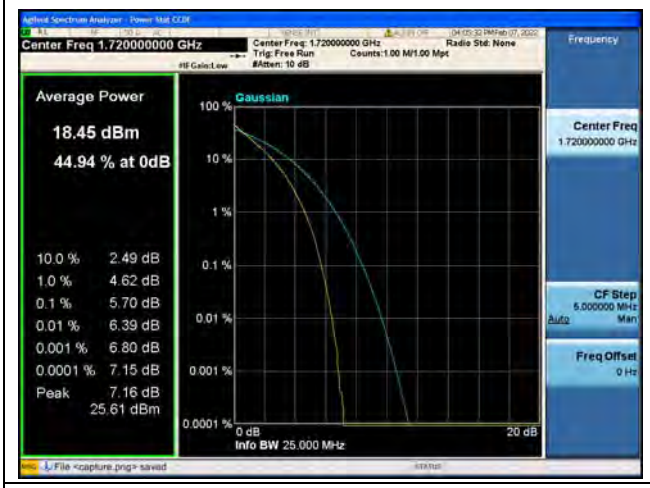
Band4 / 15MHz / Mid CH / QPSK

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

Band66 / 1.4MHz / Low CH / QPSK

Band66 / 1.4MHz / Low CH / 16QAM

Band66 / 1.4MHz / Mid CH / QPSK

Band66 / 1.4MHz / Mid CH / 16QAM

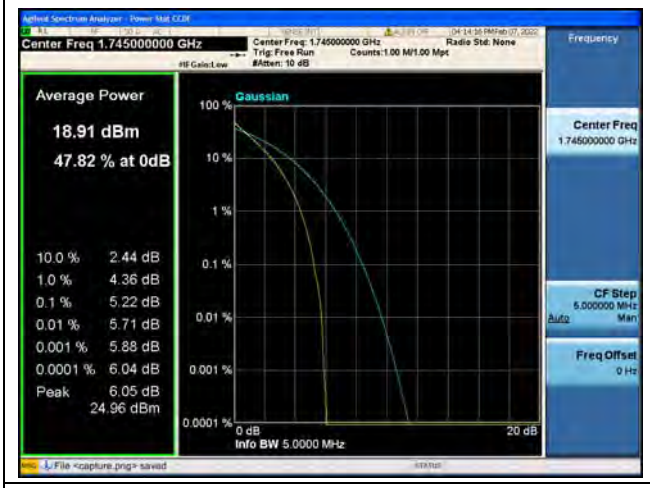
Band66 / 1.4MHz / High CH / QPSK

Band66 / 1.4MHz / High CH / 16QAM

Band66 / 3MHz / Low CH / QPSK

Band66 / 3MHz / Low CH / 16QAM

Band66 / 3MHz / Mid CH / QPSK



Band66 / 3MHz / Mid CH / 16QAM

Band66 / 3MHz / High CH / QPSK

Band66 / 3MHz / High CH / 16QAM

Band66 / 5MHz / Low CH / QPSK

Band66 / 5MHz / Low CH / 16QAM

Band66 / 5MHz / Mid CH / QPSK

Band66 / 5MHz / Mid CH / 16QAM

Band66 / 5MHz / High CH / QPSK

Band66 / 5MHz / High CH / 16QAM

Band66 / 10MHz / Low CH / QPSK

Band66 / 10MHz / Low CH / 16QAM

Band66 / 10MHz / Mid CH / QPSK

Band66 / 10MHz / Mid CH / 16QAM

Band66 / 10MHz / High CH / QPSK

Band66 / 10MHz / High CH / 16QAM

Band66 / 15MHz / Low CH / QPSK

Band66 / 15MHz / Low CH / 16QAM

Band66 / 15MHz / Mid CH / QPSK

Band66 / 15MHz / Mid CH / 16QAM

Band66 / 15MHz / High CH / QPSK

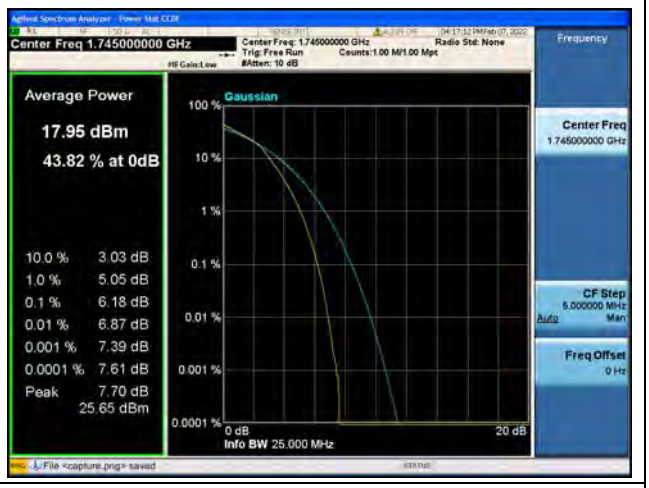
Band66 / 15MHz / High CH / 16QAM

Band66 / 20MHz / Low CH / QPSK

Band66 / 20MHz / Low CH / 16QAM

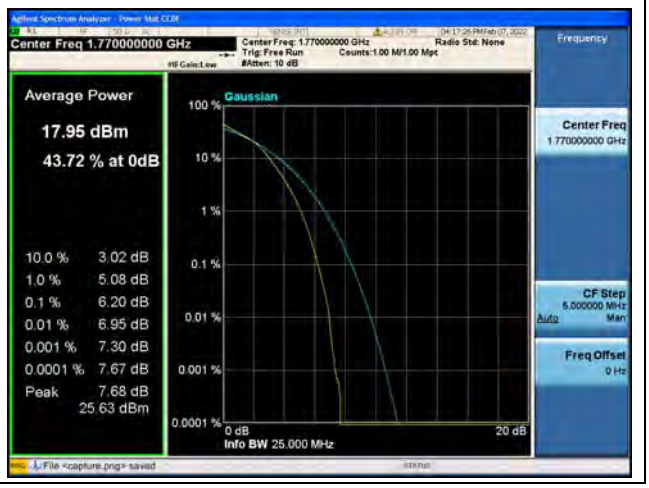
Band66 / 20MHz / Mid CH / QPSK

Band66 / 20MHz / Mid CH / 16QAM



Band66 / 20MHz / High CH / QPSK

Band66 / 20MHz / High CH / 16QAM



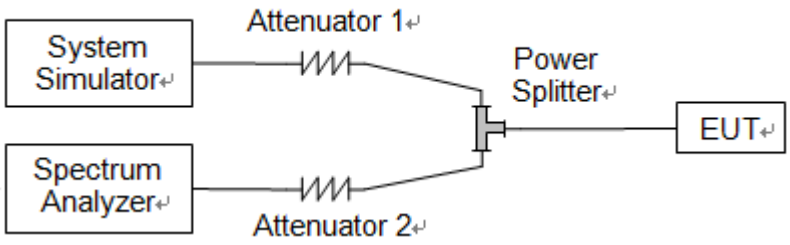
2.5. Conducted Spurious Emissions

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:
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.

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 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.

2.5.3. Test Procedure

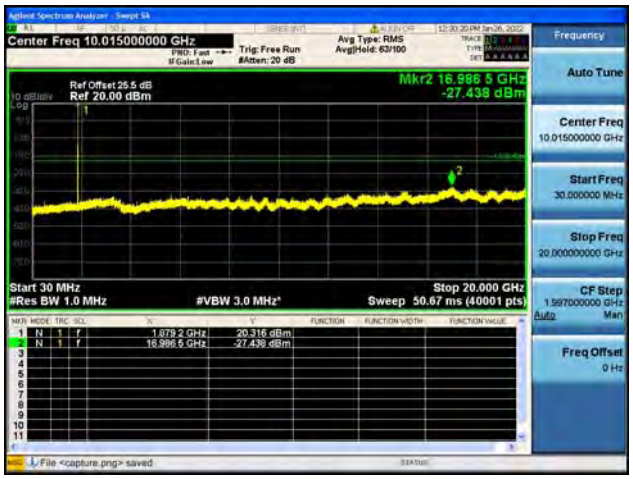
KDB 971168 D01v03 Section 6.0 and ANSI/TIA-603-E-2016.

2.5.4. Test Result

Band2 / 1.4MHz / Low CH / QPSK

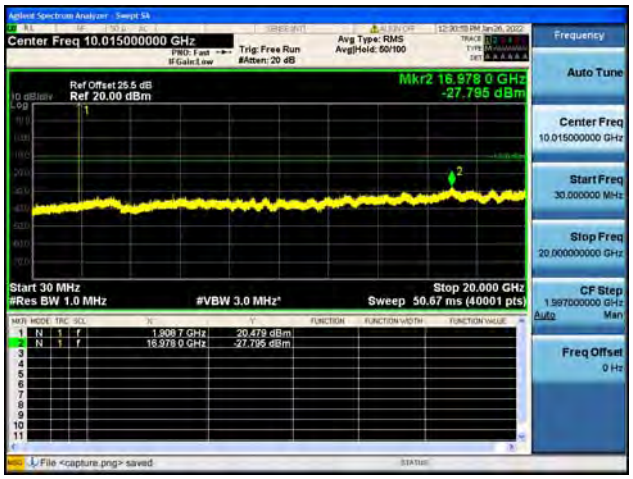
Band2 / 1.4MHz / Low CH / 16QAM

Band2 / 1.4MHz / Mid CH / QPSK



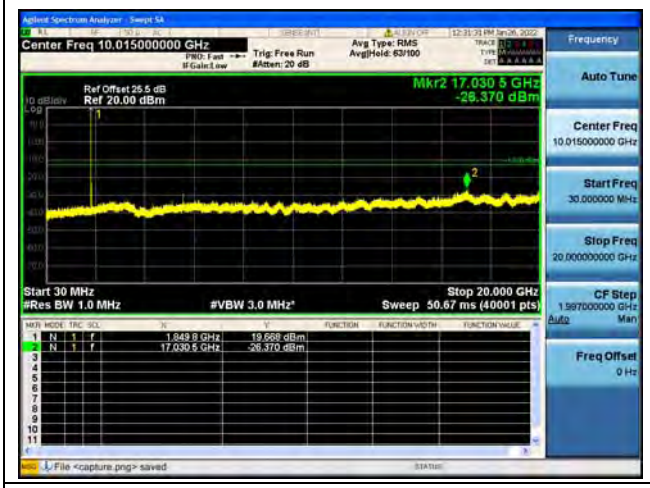
Band2 / 1.4MHz / Mid CH / 16QAM

Band2 / 1.4MHz / High CH / QPSK



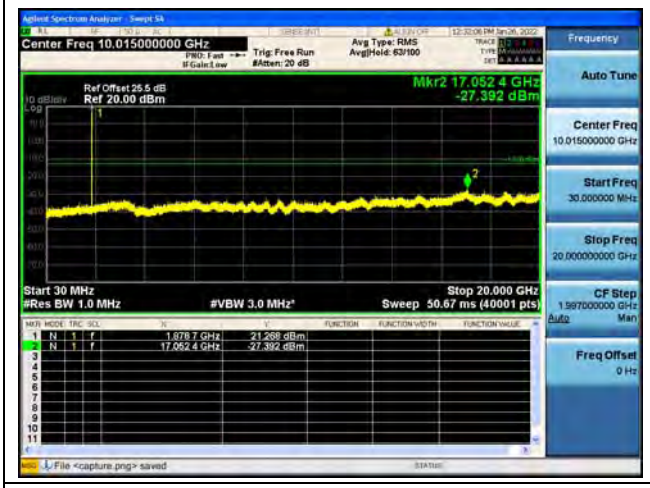
Band2 / 1.4MHz / High CH / 16QAM

Band2 / 3MHz / Low CH / QPSK



Band2 / 3MHz / Low CH / 16QAM

Band2 / 3MHz / Mid CH / QPSK

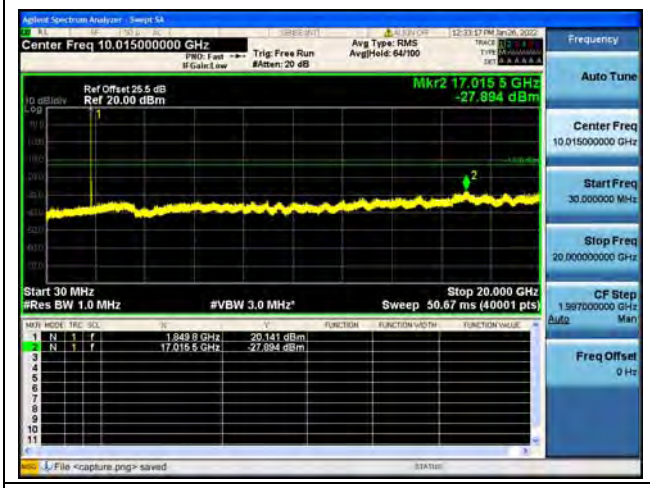


Band2 / 3MHz / Mid CH / 16QAM

Band2 / 3MHz / High CH / QPSK

Band2 / 3MHz / High CH / 16QAM

Band2 / 5MHz / Low CH / QPSK



Band2 / 5MHz / Low CH / 16QAM

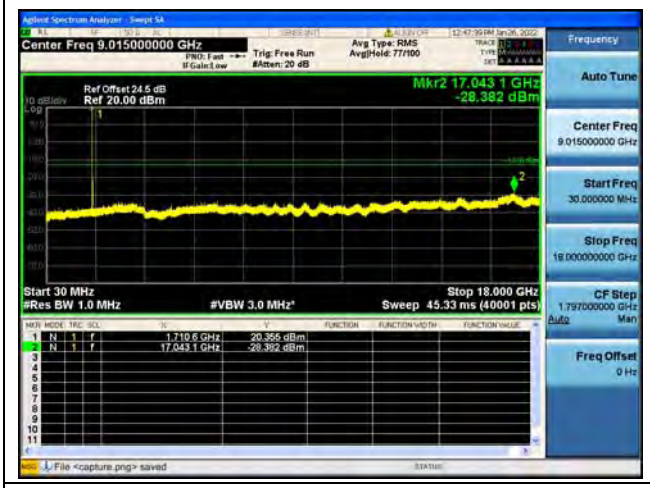
Band2 / 5MHz / Mid CH / QPSK

Band2 / 5MHz / Mid CH / 16QAM

Band2 / 5MHz / High CH / QPSK

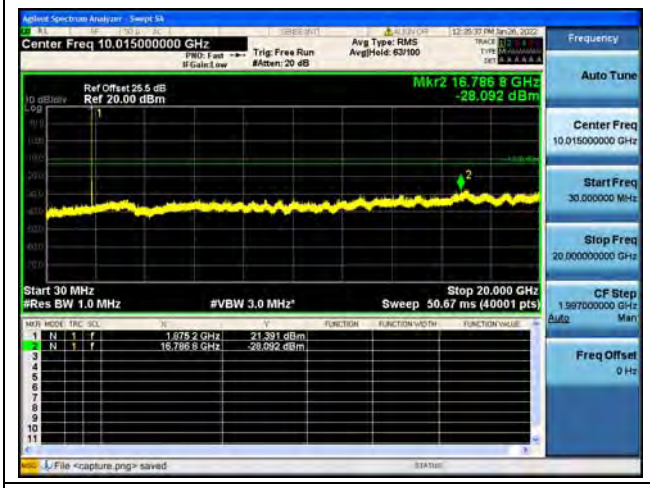
Band2 / 5MHz / High CH / 16QAM

Band2 / 10MHz / Low CH / QPSK



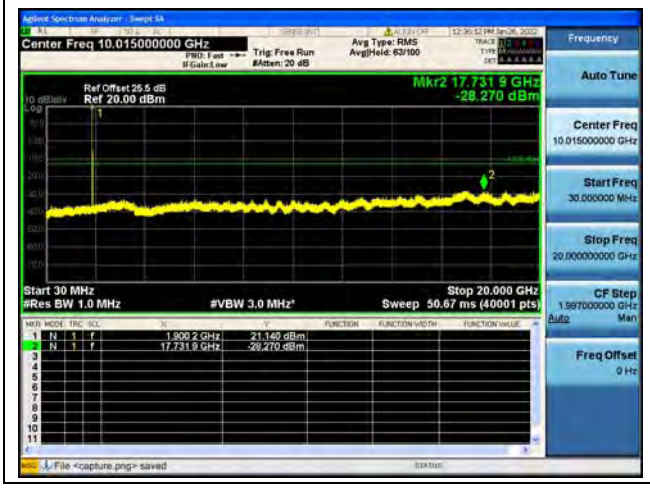
Band2 / 10MHz / Low CH / 16QAM

Band2 / 10MHz / Mid CH / QPSK



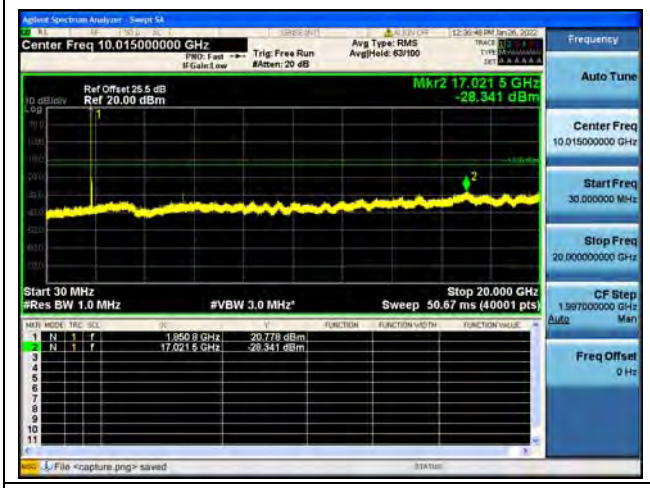
Band2 / 10MHz / Mid CH / 16QAM

Band2 / 10MHz / High CH / QPSK



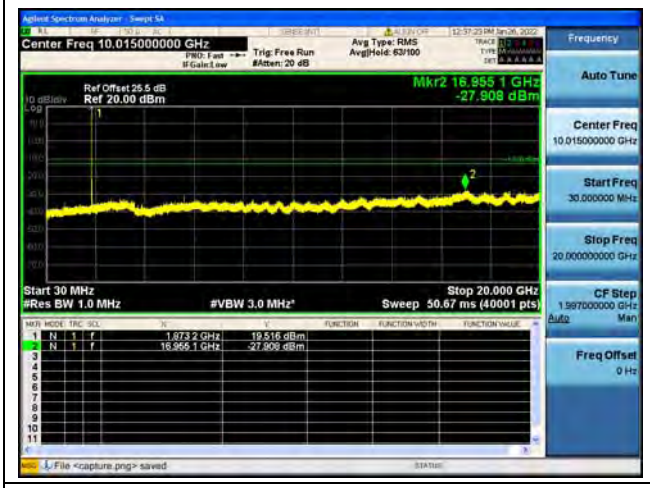
Band2 / 10MHz / High CH / 16QAM

Band2 / 15MHz / Low CH / QPSK



Band2 / 15MHz / Low CH / 16QAM

Band2 / 15MHz / Mid CH / QPSK

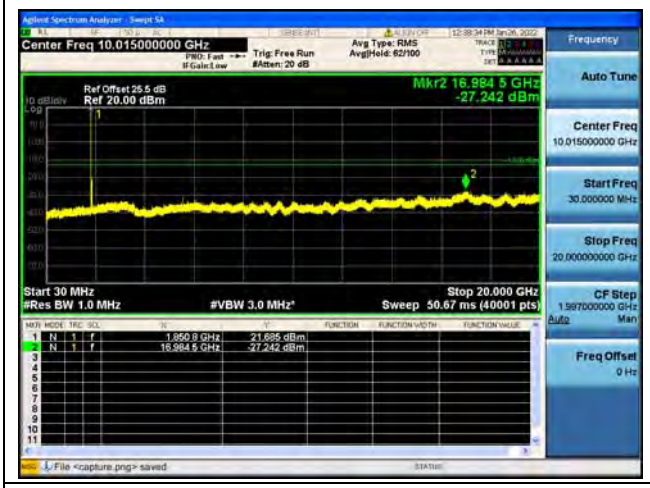


Band2 / 15MHz / Mid CH / 16QAM

Band2 / 15MHz / High CH / QPSK

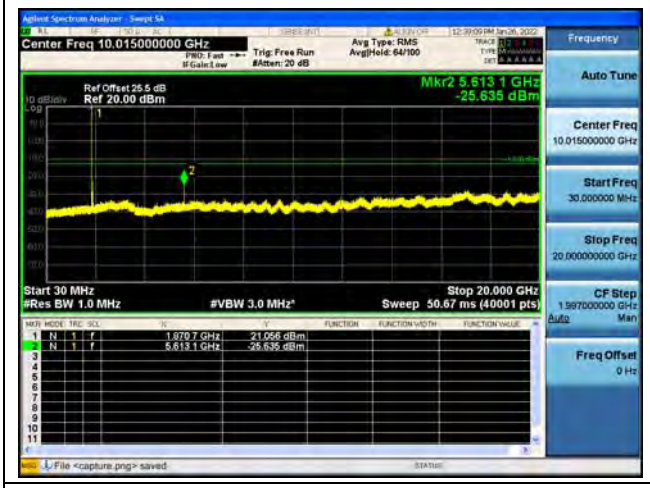
Band2 / 15MHz / High CH / 16QAM

Band2 / 20MHz / Low CH / QPSK



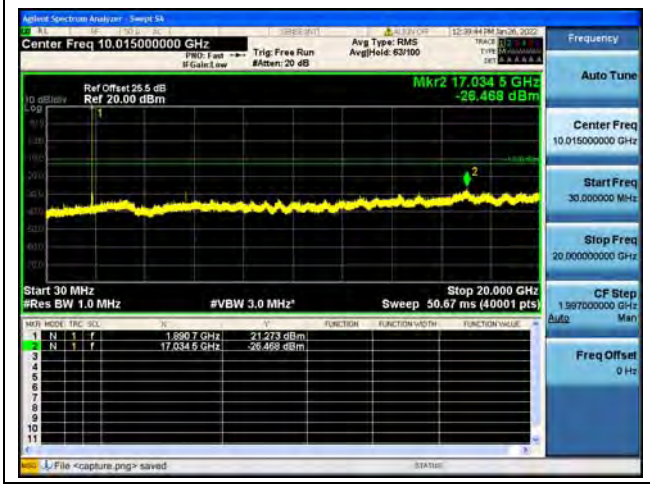
Band2 / 20MHz / Low CH / 16QAM

Band2 / 20MHz / Mid CH / QPSK



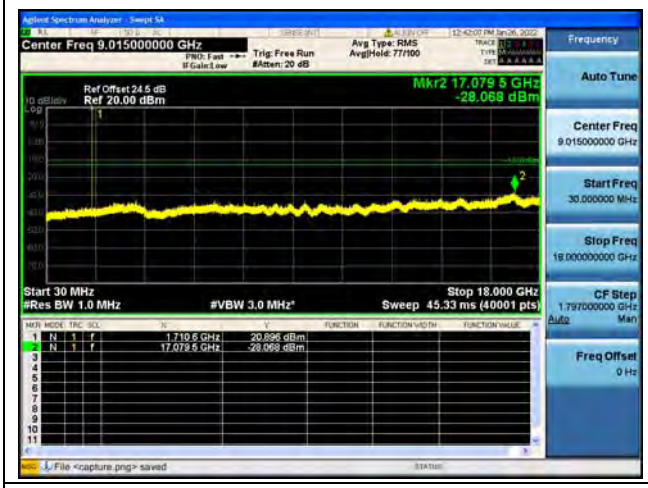
Band2 / 20MHz / Mid CH / 16QAM

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

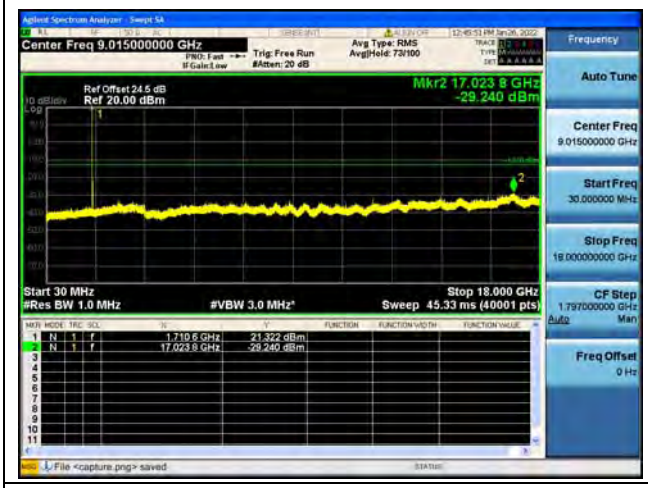
Band4 / 3MHz / Mid CH / QPSK

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

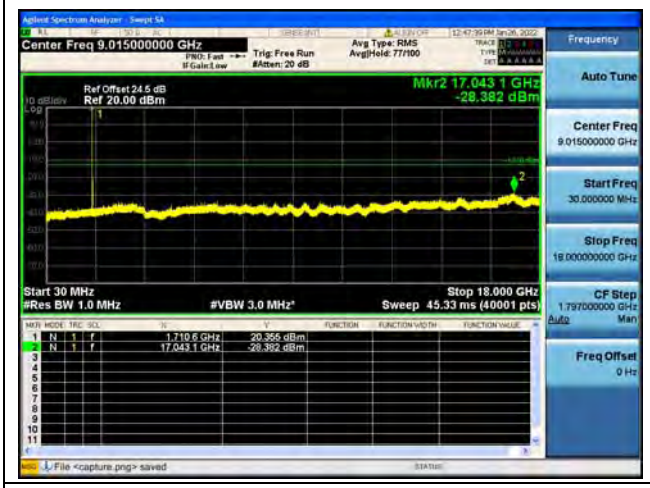
Band4 / 5MHz / Mid CH / QPSK

Band4 / 5MHz / Mid CH / 16QAM

Band4 / 5MHz / High CH / QPSK

Band4 / 5MHz / High CH / 16QAM

Band4 / 10MHz / Low CH / QPSK

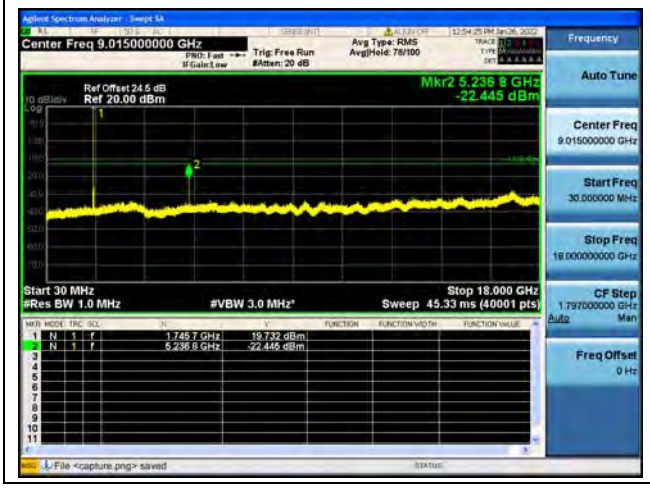


Band4 / 10MHz / Low CH / 16QAM

Band4 / 10MHz / Mid CH / QPSK

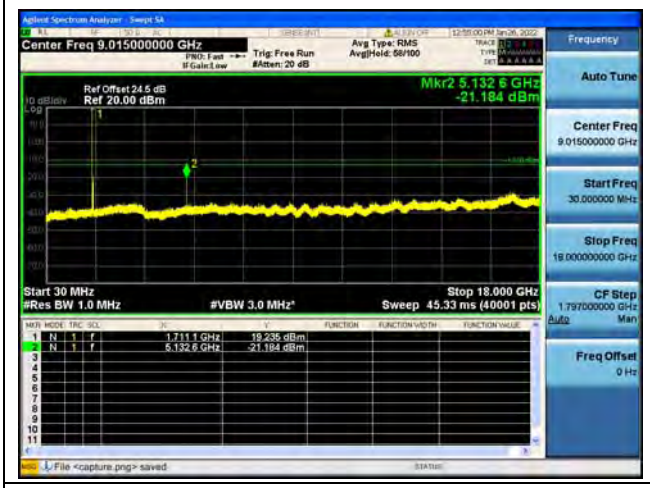
Band4 / 10MHz / Mid CH / 16QAM

Band4 / 10MHz / High CH / QPSK



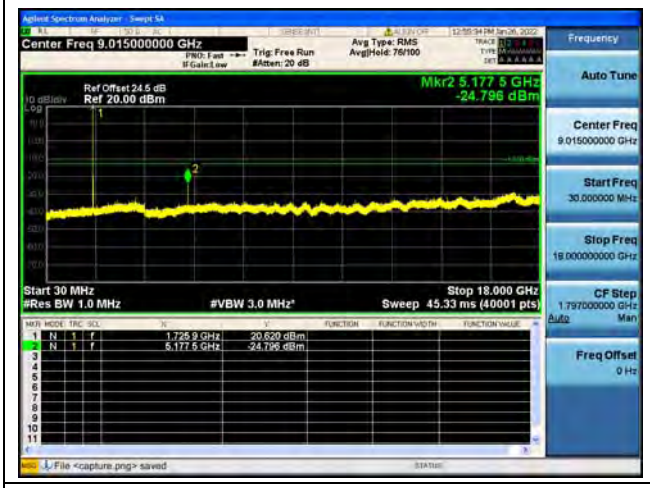
Band4 / 10MHz / High CH / 16QAM

Band4 / 15MHz / Low CH / QPSK



Band4 / 15MHz / Low CH / 16QAM

Band4 / 15MHz / Mid CH / QPSK

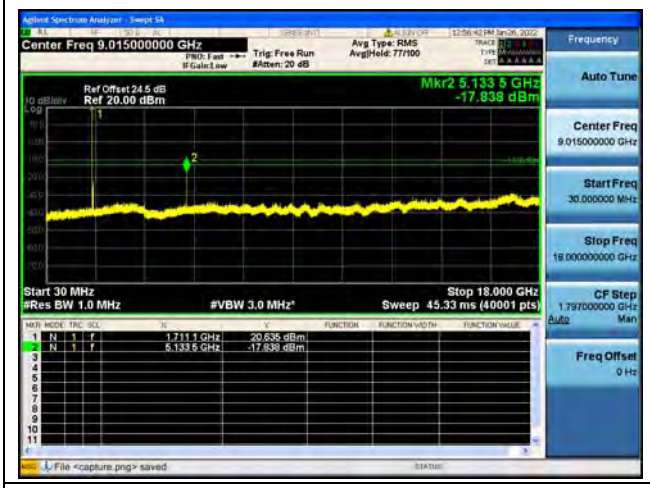


Band4 / 15MHz / Mid CH / 16QAM

Band4 / 15MHz / High CH / QPSK

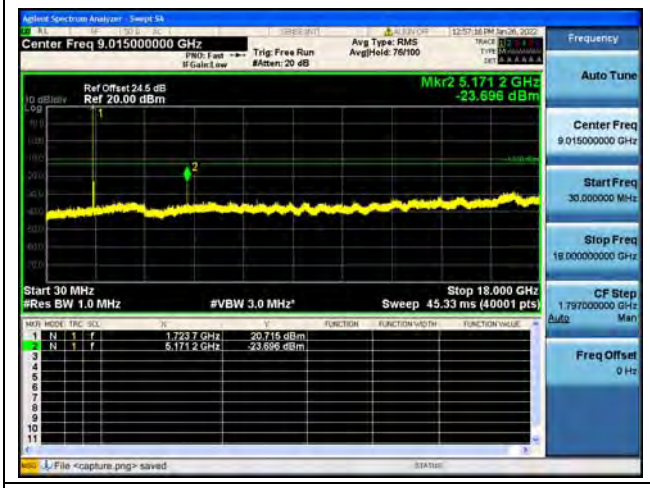
Band4 / 15MHz / High CH / 16QAM

Band4 / 20MHz / Low CH / QPSK



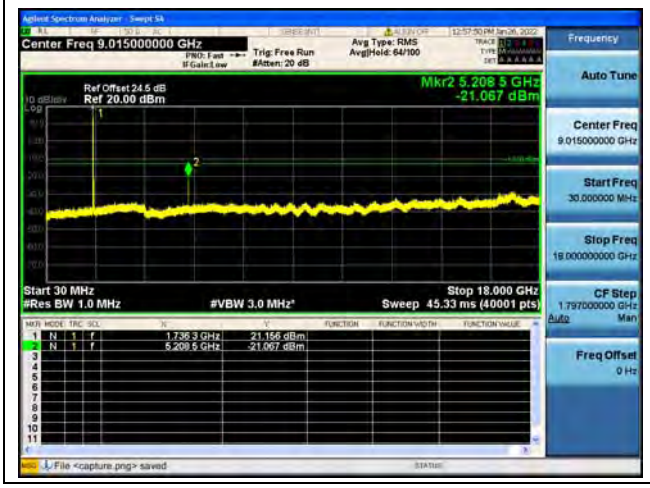
Band4 / 20MHz / Low CH / 16QAM

Band4 / 20MHz / Mid CH / QPSK



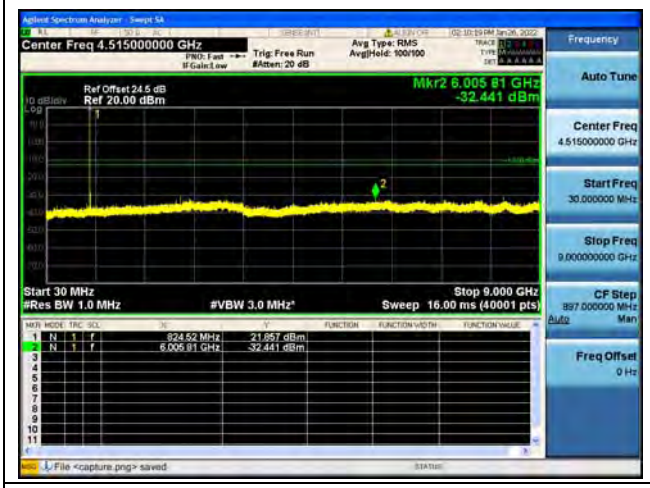
Band4 / 20MHz / Mid CH / 16QAM

Band4 / 20MHz / High CH / QPSK



Band4 / 20MHz / High CH / 16QAM

Band5 / 1.4MHz / Low CH / QPSK



Band5 / 1.4MHz / Low CH / 16QAM

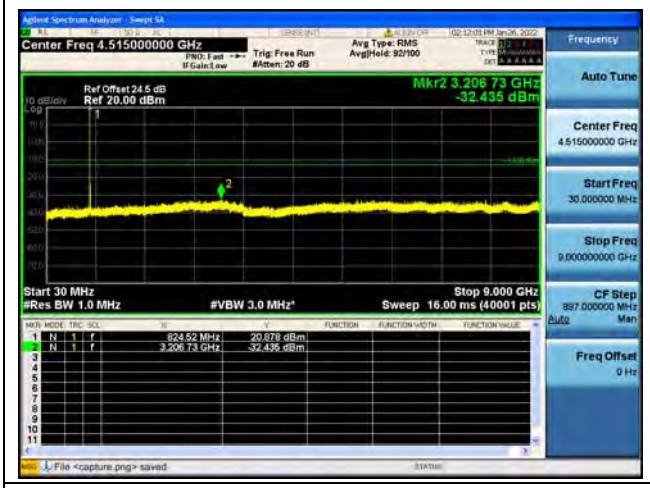
Band5 / 1.4MHz / Mid CH / QPSK

Band5 / 1.4MHz / Mid CH / 16QAM

Band5 / 1.4MHz / High CH / QPSK

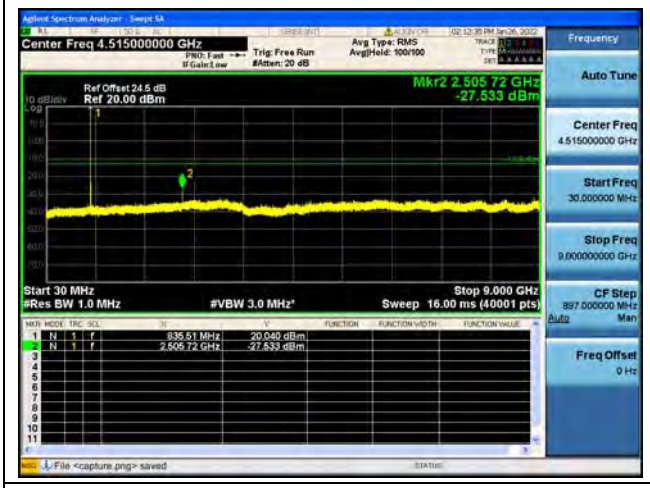
Band5 / 1.4MHz / High CH / 16QAM

Band5 / 3MHz / Low CH / QPSK



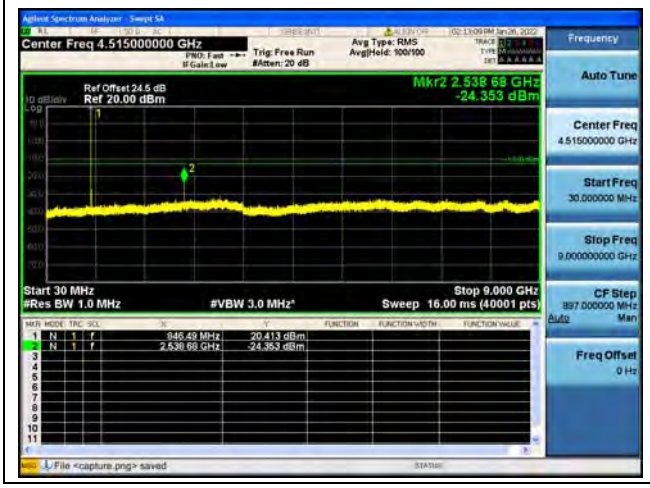
Band5 / 3MHz / Low CH / 16QAM

Band5 / 3MHz / Mid CH / QPSK



Band5 / 3MHz / Mid CH / 16QAM

Band5 / 3MHz / High CH / QPSK

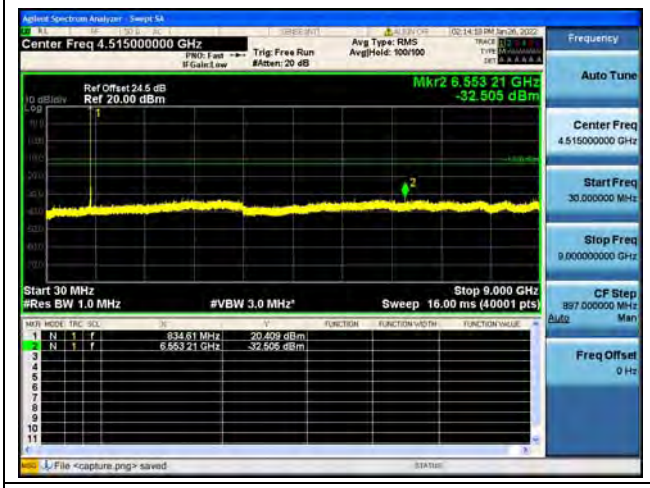


Band5 / 3MHz / High CH / 16QAM

Band5 / 5MHz / Low CH / QPSK

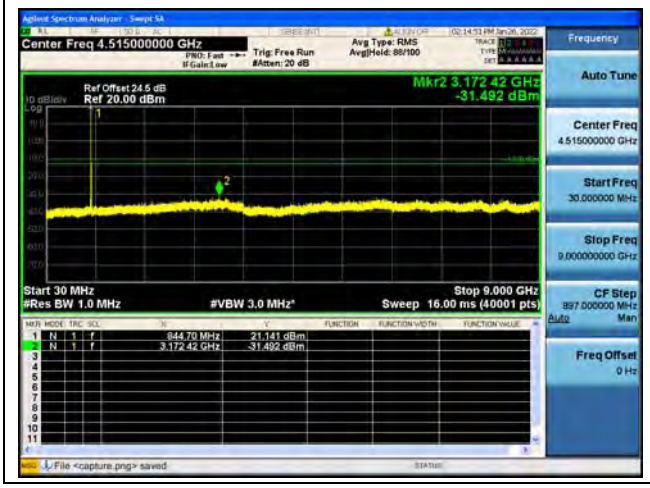
Band5 / 5MHz / Low CH / 16QAM

Band5 / 5MHz / Mid CH / QPSK



Band5 / 5MHz / Mid CH / 16QAM

Band5 / 5MHz / High CH / QPSK



Band5 / 5MHz / High CH / 16QAM

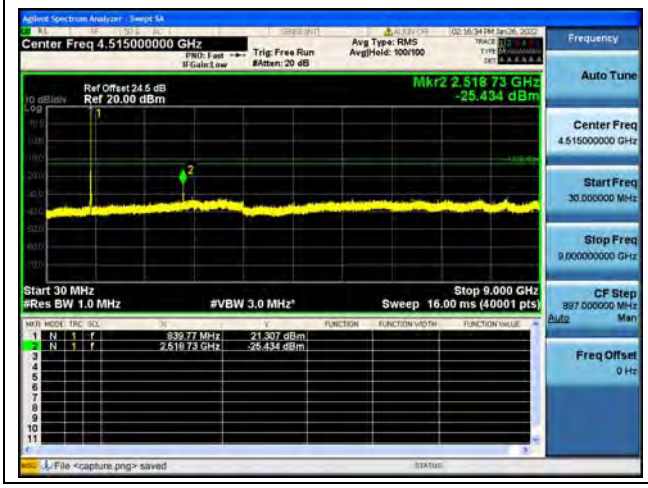
Band5 / 10MHz / Low CH / QPSK

Band5 / 10MHz / Low CH / 16QAM

Band5 / 10MHz / Mid CH / QPSK

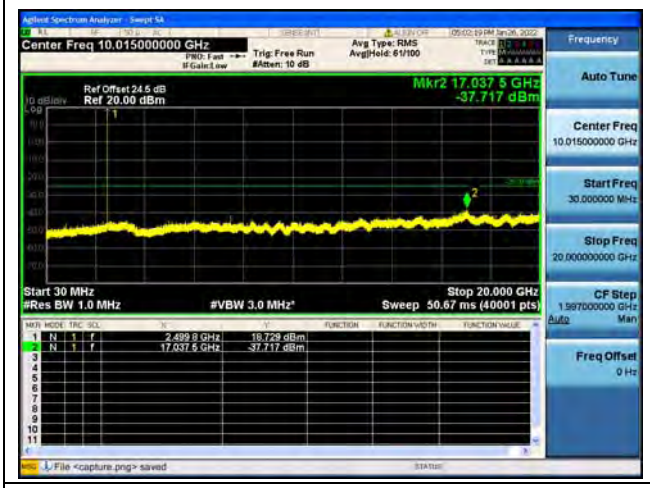
Band5 / 10MHz / Mid CH / 16QAM

Band5 / 10MHz / High CH / QPSK



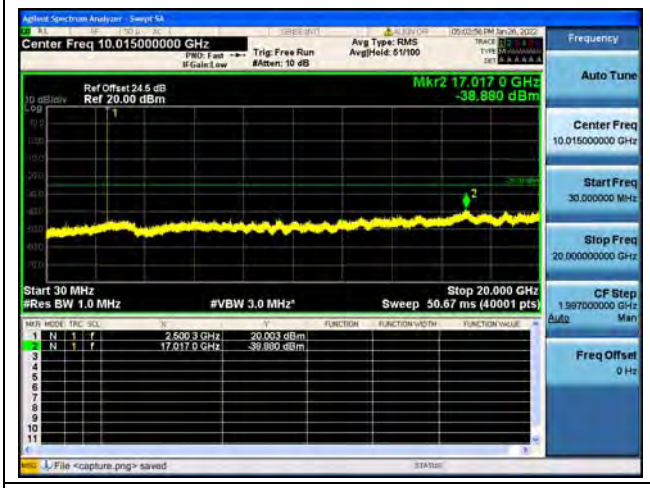
Band5 / 10MHz / High CH / 16QAM

Band7-30M-20G / 5MHz / Low CH / QPSK



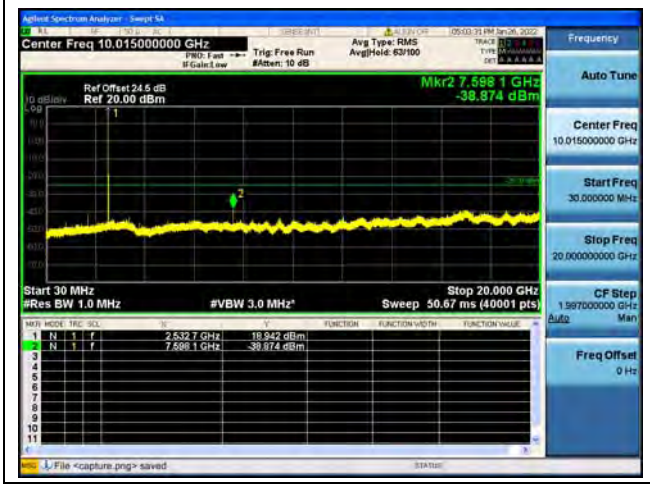
Band7-20G-26G / 5MHz / Low CH / QPSK

Band7-30M-20G / 5MHz / Low CH / 16QAM



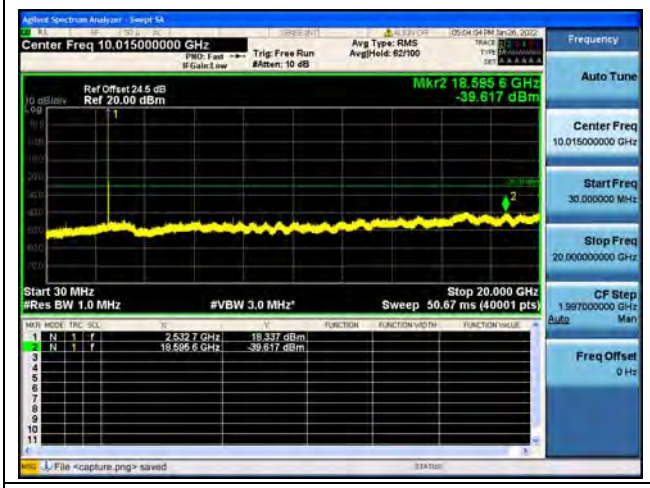
Band7-20G-26G / 5MHz / Low CH / 16QAM

Band7-30M-20G / 5MHz / Mid CH / QPSK



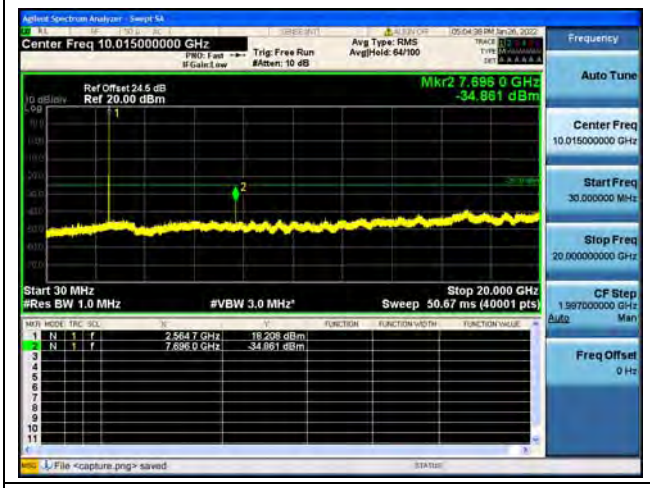
Band7-20G-26G / 5MHz / Mid CH / QPSK

Band7-30M-20G / 5MHz / Mid CH / 16QAM



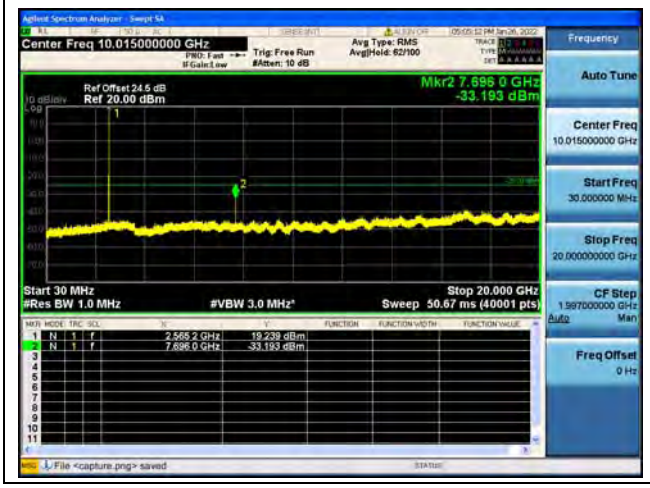
Band7-20G-26G / 5MHz / Mid CH / 16QAM

Band7-30M-20G / 5MHz / High CH / QPSK



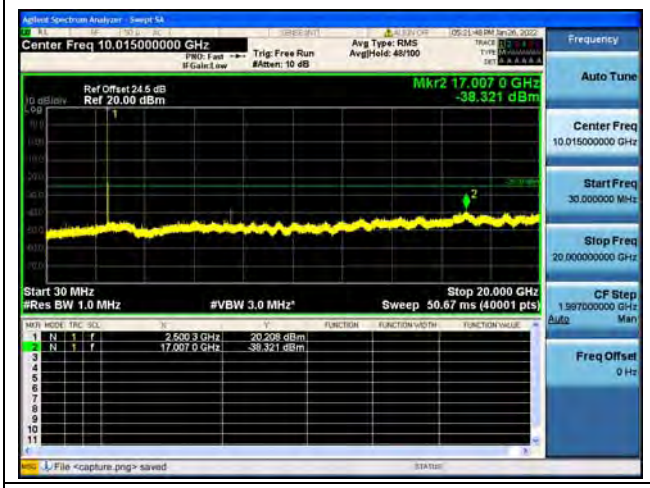
Band7-20G-26G / 5MHz / High CH / QPSK

Band7-30M-20G / 5MHz / High CH / 16QAM



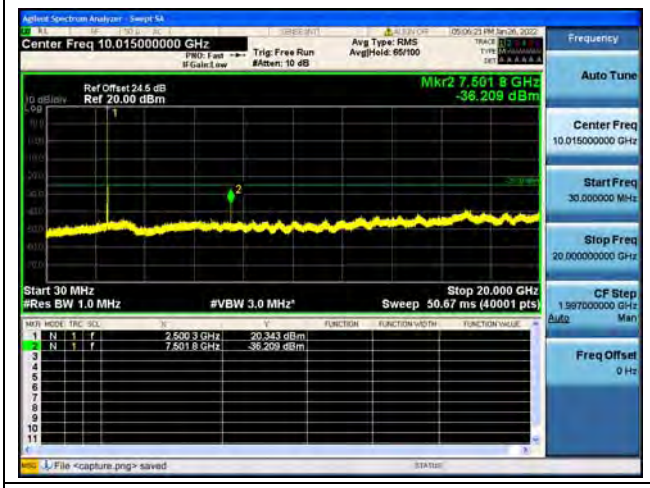
Band7-20G-26G / 5MHz / High CH / 16QAM

Band7-30M-20G / 10MHz / Low CH / QPSK



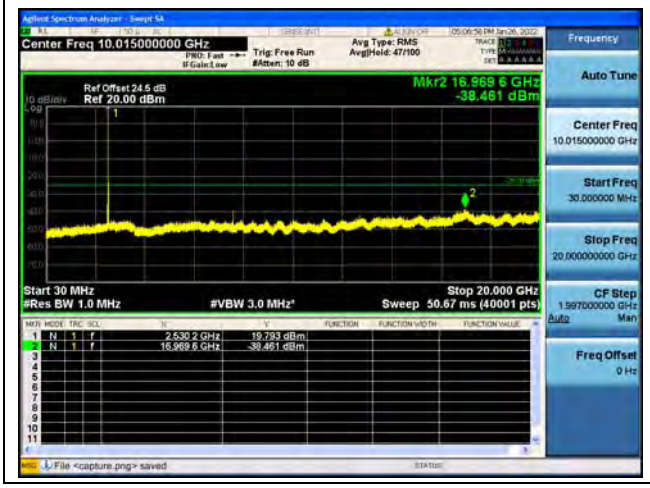
Band7-20G-26G / 10MHz / Low CH / QPSK

Band7-30M-20G / 10MHz / Low CH / 16QAM



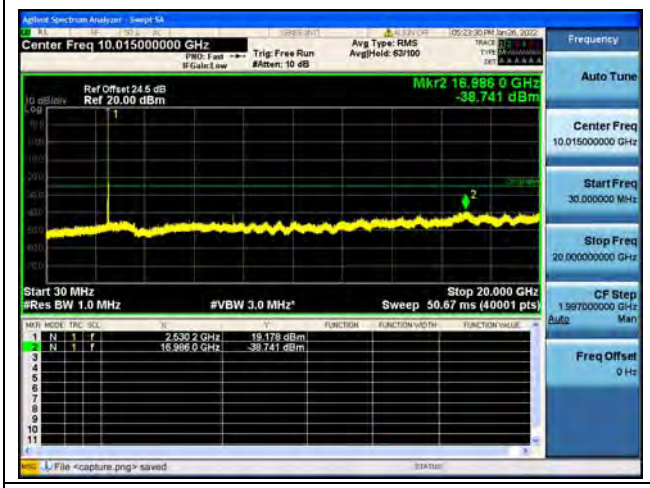
Band7-20G-26G / 10MHz / Low CH / 16QAM

Band7-30M-20G / 10MHz / Mid CH / QPSK



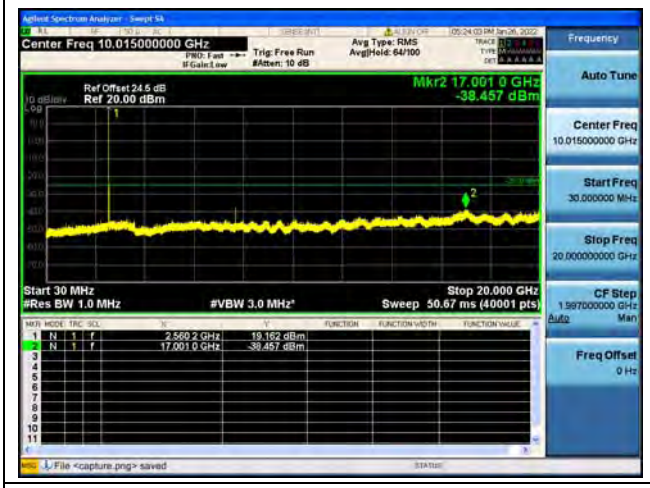
Band7-20G-26G / 10MHz / Mid CH / QPSK

Band7-30M-20G / 10MHz / Mid CH / 16QAM



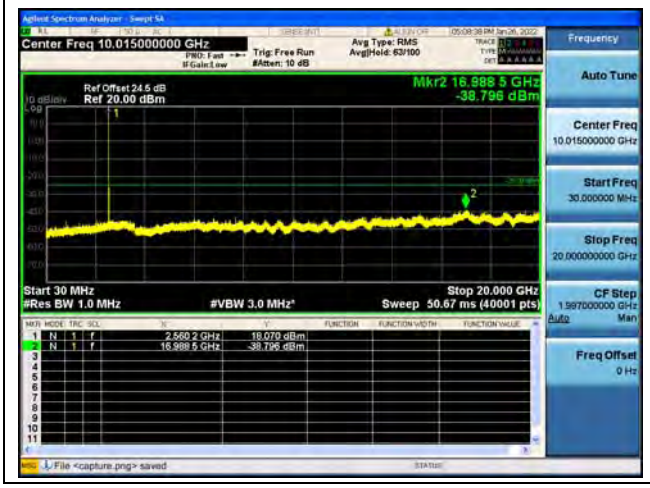
Band7-20G-26G / 10MHz / Mid CH / 16QAM

Band7-30M-20G / 10MHz / High CH / QPSK



Band7-20G-26G / 10MHz / High CH / QPSK

Band7-30M-20G / 10MHz / High CH / 16QAM



Band7-20G-26G / 10MHz / High CH / 16QAM