Band71 / 5MHz / QPSK/ Low CH

Band71 / 5MHz / 16QAM/ Low CH

Band71 / 5MHz / QPSK/ Mid CH

Band71 / 5MHz / 16QAM/ Mid CH

Band71 / 5MHz / QPSK/ High CH

Band71 / 5MHz / 16QAM/ High CH

Band71 / 10MHz / QPSK/ Low CH

Band71 / 10MHz / 16QAM/ Low CH

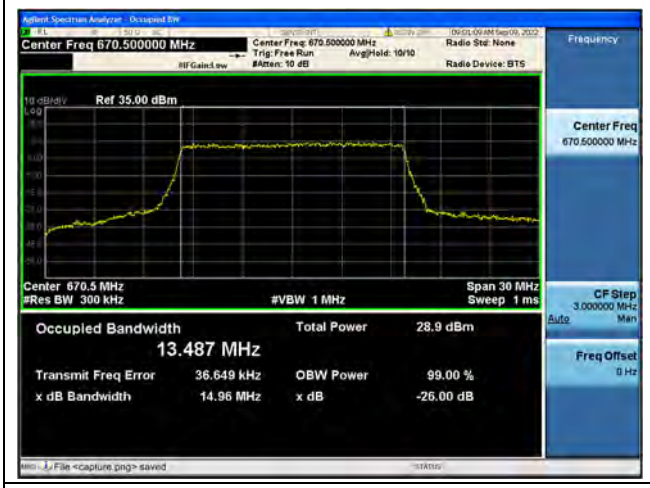
Band71 / 10MHz / QPSK/ Mid CH

Band71 / 10MHz / 16QAM/ Mid CH

Band71 / 10MHz / QPSK/ High CH

Band71 / 10MHz / 16QAM/ High CH

Band71 / 15MHz / QPSK/ Low CH



Band71 / 15MHz / 16QAM/ Low CH

Band71 / 15MHz / QPSK/ Mid CH

Band71 / 15MHz / 16QAM/ Mid CH

Band71 / 15MHz / QPSK/ High CH

Band71 / 15MHz / 16QAM/ High CH

Band71 / 20MHz / QPSK/ Low CH

Band71 / 20MHz / 16QAM/ Low CH

Band71 / 20MHz / QPSK/ Mid CH

Band71 / 20MHz / 16QAM/ Mid CH

Band71 / 20MHz / QPSK/ High CH

Band71 / 20MHz / 16QAM/ High CH

2.3. Frequency Stability

2.3.1. Requirement

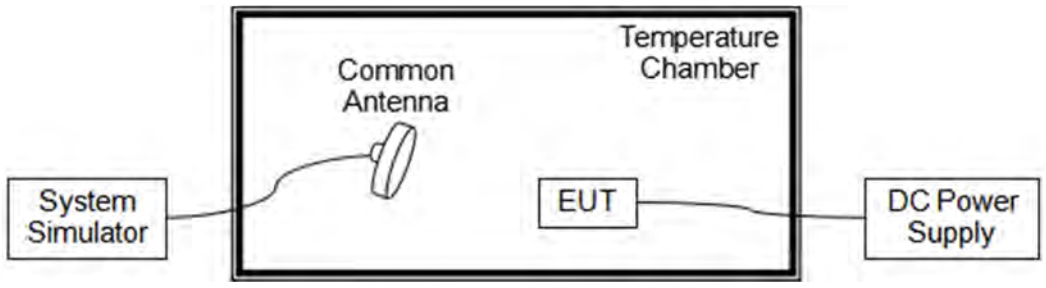
According to FCC section 2.1055, 24.235, 27.54, the frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. According to FCC section 2.1055, the test conditions are:

(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 3.80V, 4.35V and 3.40V, 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	3.80	+20(Ref)	23	0.012	PASS
Normal		-10	56	0.030	
Normal		0	15	0.008	
Normal		+10	37	0.020	
Normal		+20	47	0.025	
Normal		+30	53	0.028	
Normal		+40	-38	-0.020	
Normal		+50	-22	-0.012	
Normal		+55	48	0.026	
High	4.35	+20	-28	-0.015	
BATT.ENDPOINT	3.40	+20	-14	-0.007	

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	3.80	+20(Ref)	-49	-0.028	PASS
Normal		-10	33	0.019	
Normal		0	44	0.025	
Normal		+10	-42	-0.024	
Normal		+20	28	0.016	
Normal		+30	42	0.024	
Normal		+40	19	0.011	
Normal		+50	33	0.019	
Normal		+55	-52	-0.030	
High	4.35	+20	-16	-0.009	
BATT.ENDPOINT	3.40	+20	54	0.031	

LTE Band 5, QPSK, Channel 20525, Frequency 836.5MHz Limit=±2.5ppm					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.80	+20(Ref)	-23	-0.027	PASS
Normal		-10	32	0.038	
Normal		0	16	0.019	
Normal		+10	17	0.020	
Normal		+20	-24	-0.029	
Normal		+30	36	0.043	
Normal		+40	-57	-0.068	
Normal		+50	26	0.031	
Normal		+55	19	0.023	
High	4.35	+20	26	0.031	
BATT.ENDPOINT	3.40	+20	-43	-0.051	

LTE Band 12, QPSK, Channel 23095, Frequency 707.5MHz Limit= Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.80	+20(Ref)	-21	-0.030	PASS
Normal		-10	-16	-0.023	
Normal		0	40	0.057	
Normal		+10	25	0.035	
Normal		+20	-53	-0.075	
Normal		+30	-28	-0.040	
Normal		+40	54	0.076	
Normal		+50	41	0.058	
Normal		+55	40	0.057	
High	4.35	+20	45	0.064	
BATT.ENDPOINT	3.40	+20	-51	-0.072	

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	3.80	+20(Ref)	36	0.046	PASS
Normal		-10	33	0.042	
Normal		0	28	0.036	
Normal		+10	43	0.055	
Normal		+20	-29	-0.037	
Normal		+30	31	0.040	
Normal		+40	56	0.072	
Normal		+50	-22	-0.028	
Normal		+55	-20	-0.026	
High	4.35	+20	-39	-0.050	
BATT.ENDPOINT	3.40	+20	40	0.051	

LTE Band 25, QPSK, Channel 26365, Frequency 1882.5MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.80	+20(Ref)	42	0.022	PASS
Normal		-10	46	0.024	
Normal		0	-41	-0.022	
Normal		+10	-22	-0.012	
Normal		+20	-42	-0.022	
Normal		+30	32	0.017	
Normal		+40	32	0.017	
Normal		+50	-31	-0.016	
Normal		+55	32	0.017	
High	4.35	+20	-52	-0.028	
BATT.ENDPOINT	3.40	+20	23	0.012	

LTE Band 26, QPSK, Channel 26915, Frequency 836.5MHz Limit =±2.5ppm					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.80	+20(Ref)	45	0.054	PASS
Normal		-10	-33	-0.039	
Normal		0	42	0.050	
Normal		+10	-46	-0.055	
Normal		+20	29	0.035	
Normal		+30	30	0.036	
Normal		+40	14	0.017	
Normal		+50	-42	-0.050	
Normal		+55	20	0.024	
High	4.35	+20	24	0.029	
BATT.ENDPOINT	3.40	+20	-51	-0.061	

LTE Band 41, QPSK, Channel 40620, Frequency 2593.0MHz Limit =Within Authorized Band					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.80	+20(Ref)	18	0.007	PASS
Normal		-10	50	0.019	
Normal		0	-32	-0.012	
Normal		+10	29	0.011	
Normal		+20	26	0.010	
Normal		+30	-19	-0.007	
Normal		+40	38	0.015	
Normal		+50	-55	-0.021	
Normal		+55	15	0.006	
High	4.35	+20	14	0.005	
BATT.ENDPOINT	3.40	+20	-57	-0.022	

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	3.80	+20(Ref)	14	0.008	PASS
Normal		-10	49	0.028	
Normal		0	-55	-0.032	
Normal		+10	-23	-0.013	
Normal		+20	45	0.026	
Normal		+30	-52	-0.030	
Normal		+40	38	0.022	
Normal		+50	30	0.017	
Normal		+55	-50	-0.029	
High	4.35	+20	32	0.018	
BATT.ENDPOINT	3.40	+20	46	0.026	

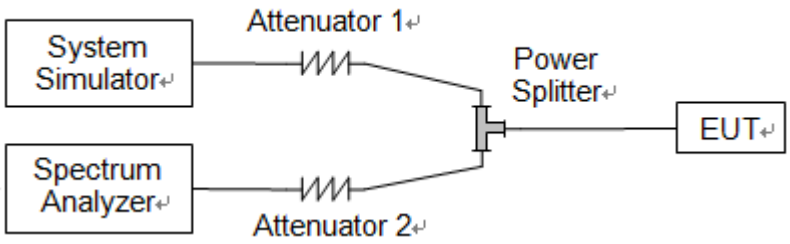
LTE Band 71, QPSK, Channel 133297, Frequency 680.5MHz Limit=±2.5ppm					
Voltage (%)	**Power (VDC)**	**Temp (°C)**	**Fre. Dev. (Hz)**	**Deviation (ppm)**	**Result**
Normal	3.80	+20(Ref)	-34	-0.050	PASS
Normal		-10	18	0.026	
Normal		0	-24	-0.035	
Normal		+10	-33	-0.048	
Normal		+20	18	0.026	
Normal		+30	-47	-0.069	
Normal		+40	50	0.073	
Normal		+50	-41	-0.060	
Normal		+55	45	0.066	
High	4.35	+20	24	0.035	
BATT.ENDPOINT	3.40	+20	35	0.051	

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	5.11	<=13	PASS
	Low	16QAM	6.00	<=13	PASS
	Mid	QPSK	5.45	<=13	PASS
	Mid	16QAM	6.16	<=13	PASS
	High	QPSK	5.37	<=13	PASS
	High	16QAM	6.11	<=13	PASS
3	Low	QPSK	5.23	<=13	PASS
	Low	16QAM	6.08	<=13	PASS
	Mid	QPSK	5.43	<=13	PASS
	Mid	16QAM	6.20	<=13	PASS
	High	QPSK	5.33	<=13	PASS
	High	16QAM	6.17	<=13	PASS
5	Low	QPSK	5.44	<=13	PASS
	Low	16QAM	6.05	<=13	PASS
	Mid	QPSK	5.56	<=13	PASS
	Mid	16QAM	6.16	<=13	PASS
	High	QPSK	5.59	<=13	PASS
	High	16QAM	6.17	<=13	PASS
10	Low	QPSK	5.57	<=13	PASS
	Low	16QAM	6.19	<=13	PASS
	Mid	QPSK	5.59	<=13	PASS
	Mid	16QAM	6.20	<=13	PASS
	High	QPSK	5.62	<=13	PASS
	High	16QAM	6.22	<=13	PASS
15	Low	QPSK	5.55	<=13	PASS
	Low	16QAM	6.22	<=13	PASS
	Mid	QPSK	5.50	<=13	PASS
	Mid	16QAM	6.11	<=13	PASS
	High	QPSK	5.50	<=13	PASS
	High	16QAM	6.12	<=13	PASS
20	Low	QPSK	5.58	<=13	PASS
	Low	16QAM	6.26	<=13	PASS
	Mid	QPSK	5.42	<=13	PASS
	Mid	16QAM	6.17	<=13	PASS
	High	QPSK	5.49	<=13	PASS
	High	16QAM	6.20	<=13	PASS

LTE Band 4					
BW(MHz)	**Channel Level**	**Modulation**	**PAR Radio(dB)**	**Limit(dB)**	**Verdict**
1.4	Low	QPSK	5.59	<=13	PASS
	Low	16QAM	6.31	<=13	PASS
	Mid	QPSK	5.58	<=13	PASS
	Mid	16QAM	6.32	<=13	PASS
	High	QPSK	5.34	<=13	PASS
	High	16QAM	6.06	<=13	PASS
3	Low	QPSK	5.68	<=13	PASS
	Low	16QAM	6.40	<=13	PASS
	Mid	QPSK	5.58	<=13	PASS
	Mid	16QAM	6.37	<=13	PASS
	High	QPSK	5.30	<=13	PASS
	High	16QAM	6.13	<=13	PASS
5	Low	QPSK	5.79	<=13	PASS
	Low	16QAM	6.41	<=13	PASS
	Mid	QPSK	5.67	<=13	PASS
	Mid	16QAM	6.31	<=13	PASS
	High	QPSK	5.47	<=13	PASS
	High	16QAM	6.09	<=13	PASS
10	Low	QPSK	5.84	<=13	PASS
	Low	16QAM	6.43	<=13	PASS
	Mid	QPSK	5.71	<=13	PASS
	Mid	16QAM	6.35	<=13	PASS
	High	QPSK	5.50	<=13	PASS
	High	16QAM	6.13	<=13	PASS
15	Low	QPSK	5.76	<=13	PASS
	Low	16QAM	6.42	<=13	PASS
	Mid	QPSK	5.65	<=13	PASS
	Mid	16QAM	6.29	<=13	PASS
	High	QPSK	5.40	<=13	PASS
	High	16QAM	6.02	<=13	PASS
20	Low	QPSK	5.75	<=13	PASS
	Low	16QAM	6.48	<=13	PASS
	Mid	QPSK	5.61	<=13	PASS
	Mid	16QAM	6.35	<=13	PASS
	High	QPSK	5.45	<=13	PASS
	High	16QAM	6.17	<=13	PASS

LTE Band 66					
BW(MHz)	**Channel Level**	**Modulation**	**PAR Radio(dB)**	**Limit(dB)**	**Verdict**
1.4	Low	QPSK	5.60	<=13	PASS
	Low	16QAM	6.32	<=13	PASS
	Mid	QPSK	5.31	<=13	PASS
	Mid	16QAM	6.06	<=13	PASS
	High	QPSK	5.12	<=13	PASS
	High	16QAM	5.92	<=13	PASS
3	Low	QPSK	5.65	<=13	PASS
	Low	16QAM	6.46	<=13	PASS
	Mid	QPSK	5.37	<=13	PASS
	Mid	16QAM	6.16	<=13	PASS
	High	QPSK	5.19	<=13	PASS
	High	16QAM	5.99	<=13	PASS
5	Low	QPSK	5.74	<=13	PASS
	Low	16QAM	6.37	<=13	PASS
	Mid	QPSK	5.50	<=13	PASS
	Mid	16QAM	6.14	<=13	PASS
	High	QPSK	5.38	<=13	PASS
	High	16QAM	6.01	<=13	PASS
10	Low	QPSK	5.82	<=13	PASS
	Low	16QAM	6.42	<=13	PASS
	Mid	QPSK	5.57	<=13	PASS
	Mid	16QAM	6.17	<=13	PASS
	High	QPSK	5.43	<=13	PASS
	High	16QAM	6.06	<=13	PASS
15	Low	QPSK	5.77	<=13	PASS
	Low	16QAM	6.41	<=13	PASS
	Mid	QPSK	5.45	<=13	PASS
	Mid	16QAM	6.06	<=13	PASS
	High	QPSK	5.26	<=13	PASS
	High	16QAM	5.94	<=13	PASS
20	Low	QPSK	5.78	<=13	PASS
	Low	16QAM	6.52	<=13	PASS
	Mid	QPSK	5.47	<=13	PASS
	Mid	16QAM	6.17	<=13	PASS
	High	QPSK	5.34	<=13	PASS
	High	16QAM	6.05	<=13	PASS

Band2 / 1.4MHz / Low CH / QPSK

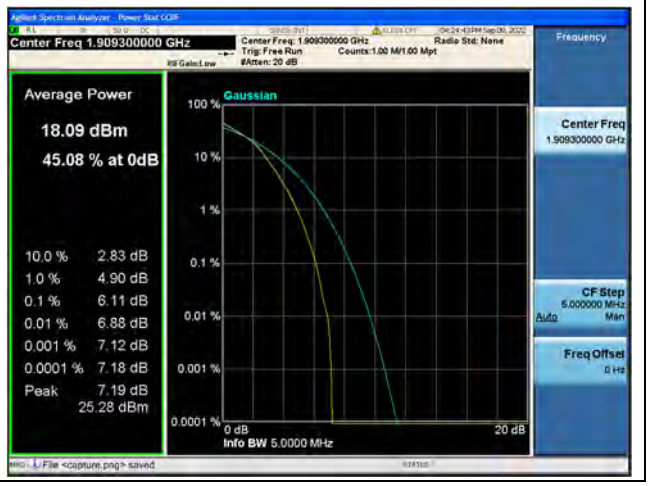
Band2 / 1.4MHz / Low CH / 16QAM

Band2 / 1.4MHz / Mid CH / QPSK

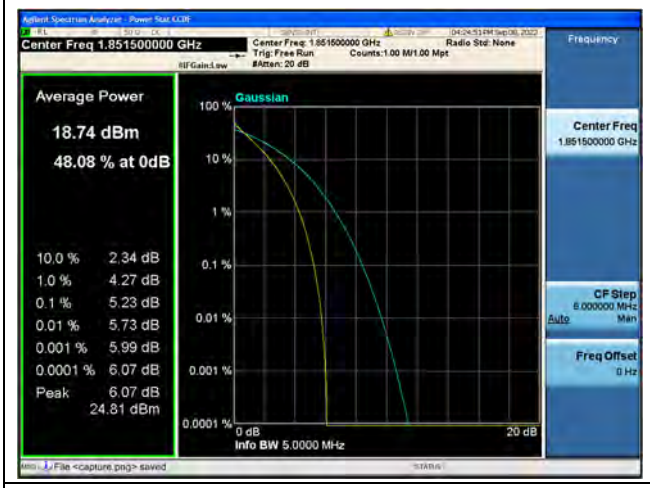
Band2 / 1.4MHz / Mid CH / 16QAM

Band2 / 1.4MHz / High CH / QPSK

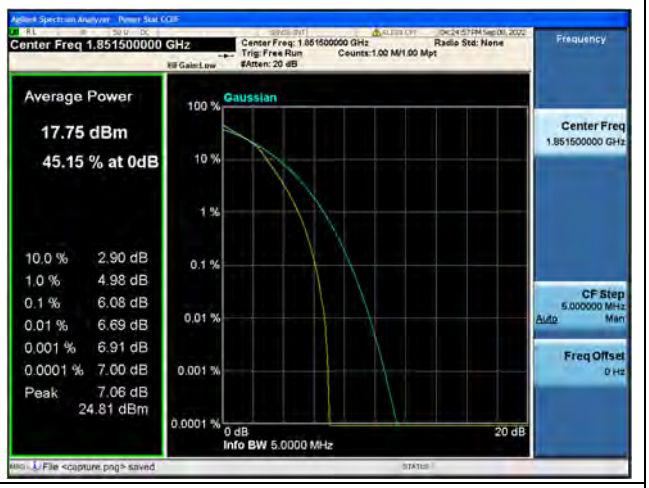
Band2 / 1.4MHz / High CH / 16QAM



Band2 / 3MHz / Low CH / QPSK

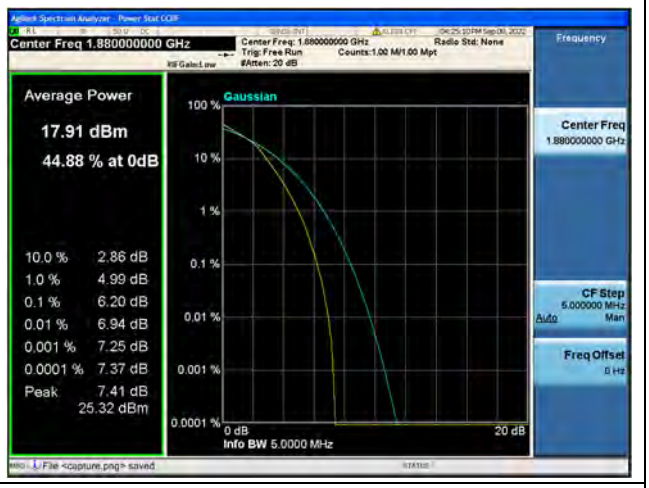


Band2 / 3MHz / Low CH / 16QAM



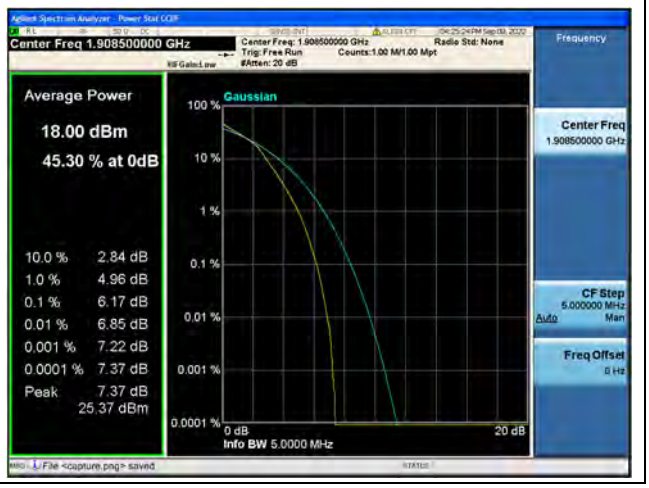
Band2 / 3MHz / Mid CH / QPSK

Band2 / 3MHz / Mid CH / 16QAM



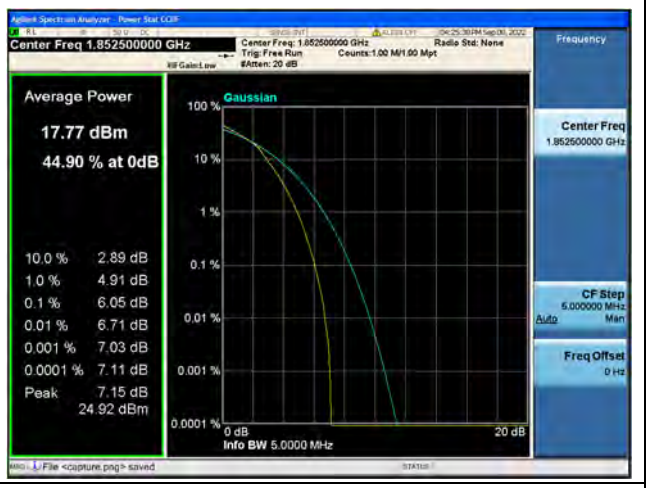
Band2 / 3MHz / High CH / QPSK

Band2 / 3MHz / High CH / 16QAM



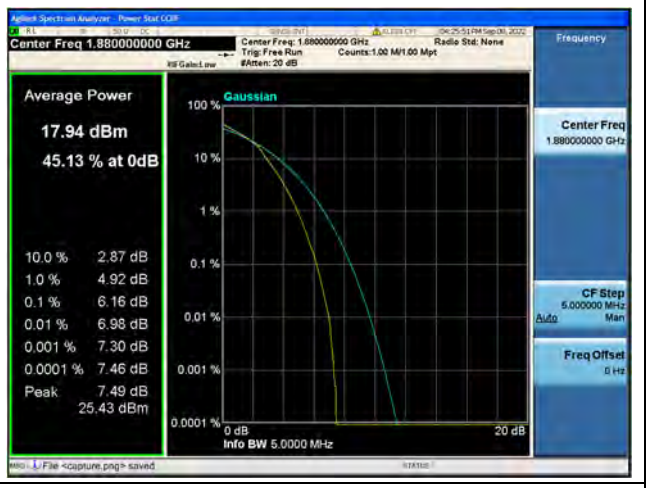
Band2 / 5MHz / Low CH / QPSK

Band2 / 5MHz / Low CH / 16QAM



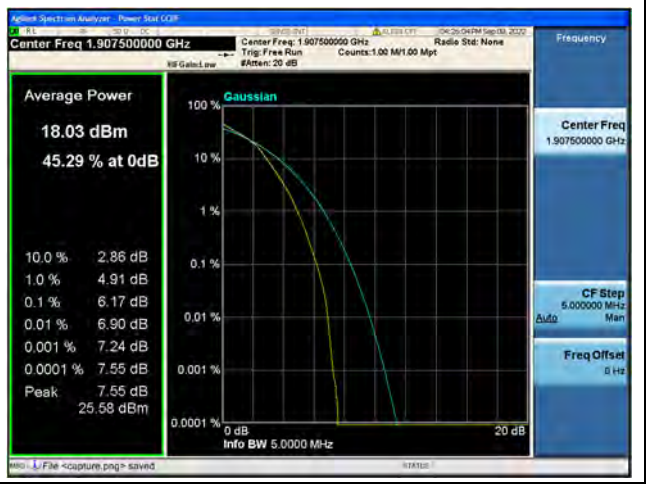
Band2 / 5MHz / Mid CH / QPSK

Band2 / 5MHz / Mid CH / 16QAM

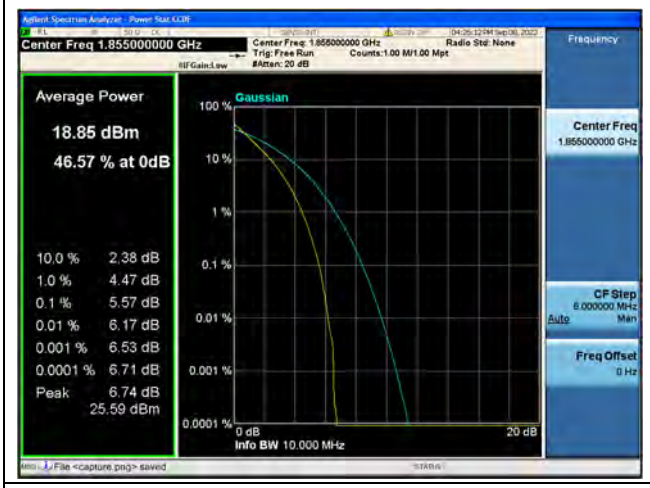


Band2 / 5MHz / High CH / QPSK

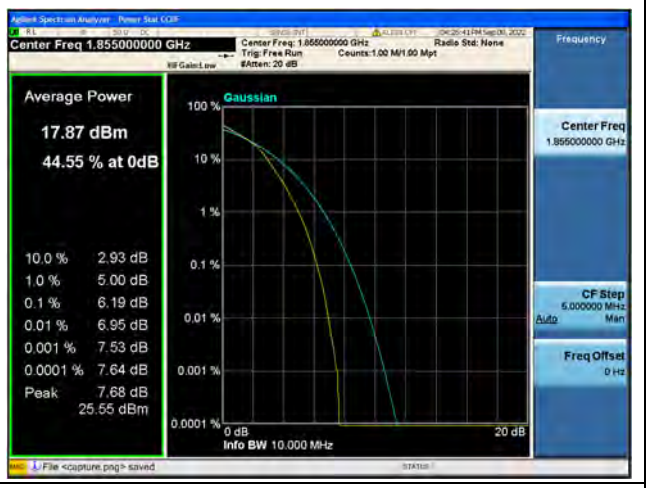
Band2 / 5MHz / High CH / 16QAM



Band2 / 10MHz / Low CH / QPSK

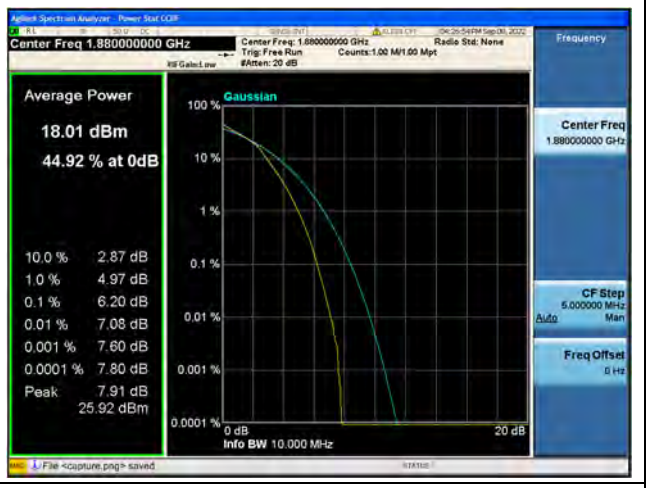


Band2 / 10MHz / Low CH / 16QAM



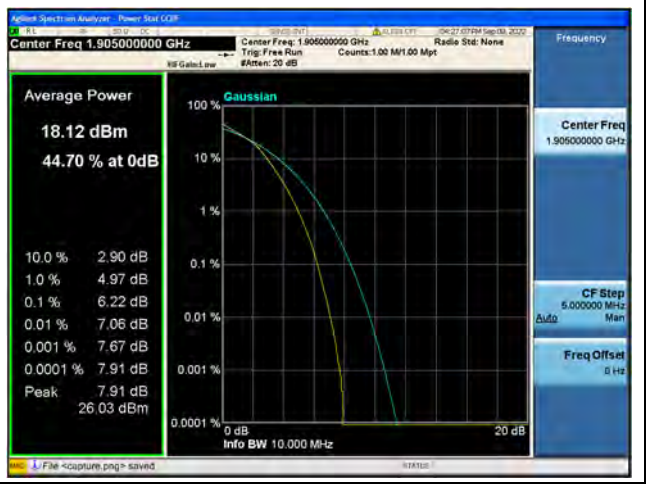
Band2 / 10MHz / Mid CH / QPSK

Band2 / 10MHz / Mid CH / 16QAM



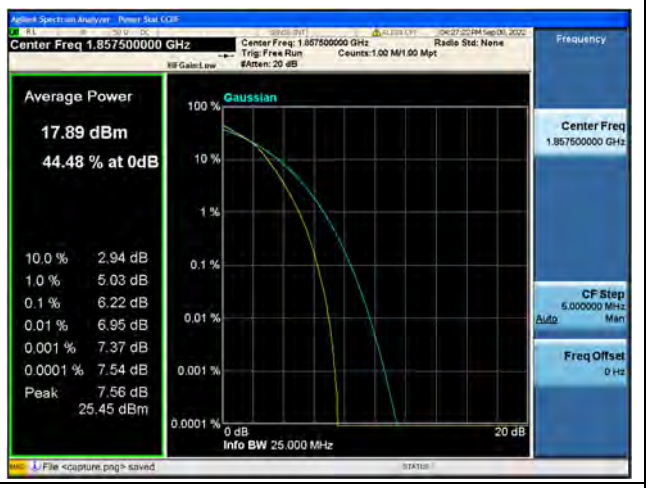
Band2 / 10MHz / High CH / QPSK

Band2 / 10MHz / High CH / 16QAM



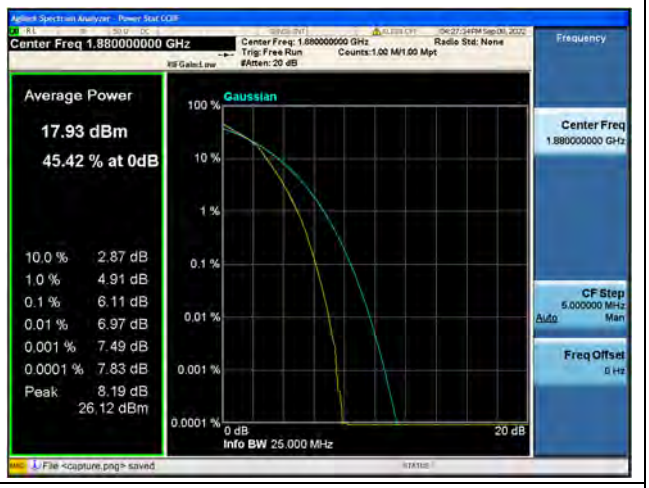
Band2 / 15MHz / Low CH / QPSK

Band2 / 15MHz / Low CH / 16QAM



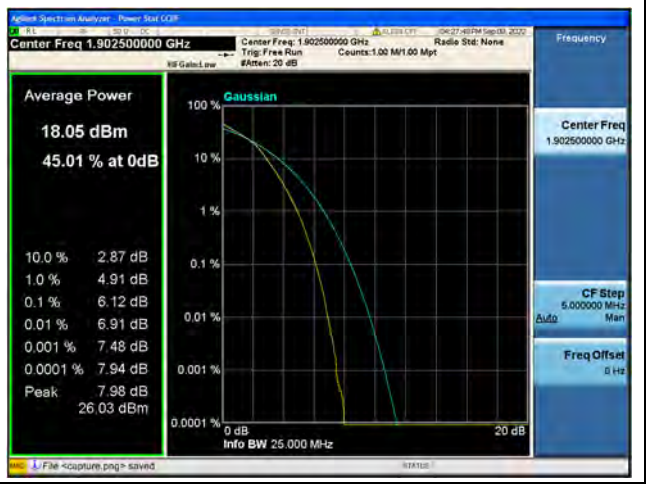
Band2 / 15MHz / Mid CH / QPSK

Band2 / 15MHz / Mid CH / 16QAM

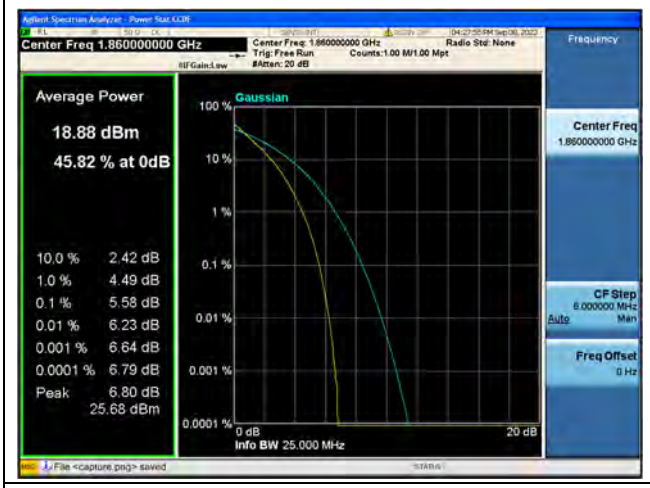


Band2 / 15MHz / High CH / QPSK

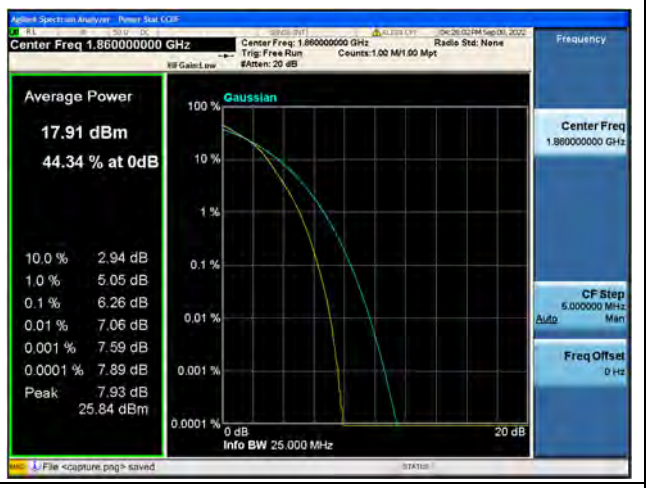
Band2 / 15MHz / High CH / 16QAM



Band2 / 20MHz / Low CH / QPSK

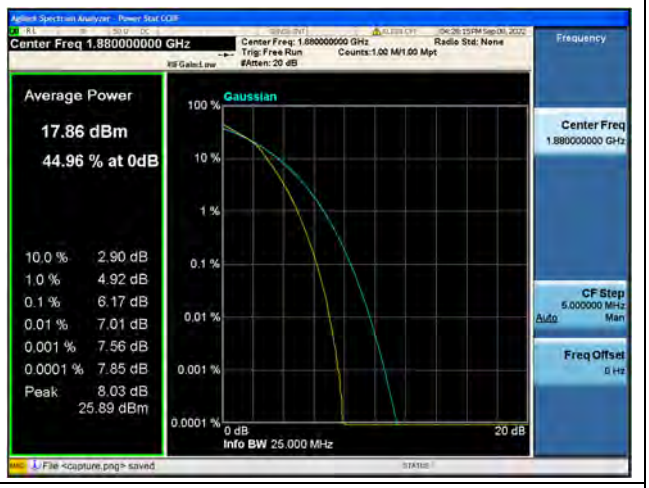


Band2 / 20MHz / Low CH / 16QAM



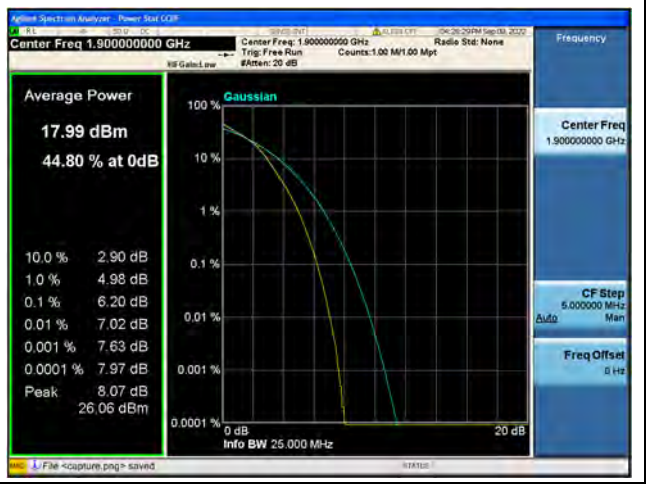
Band2 / 20MHz / Mid CH / QPSK

Band2 / 20MHz / Mid CH / 16QAM



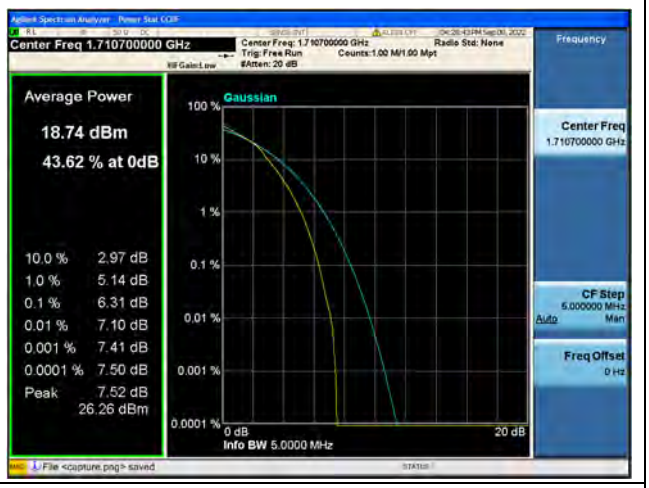
Band2 / 20MHz / High CH / QPSK

Band2 / 20MHz / High CH / 16QAM



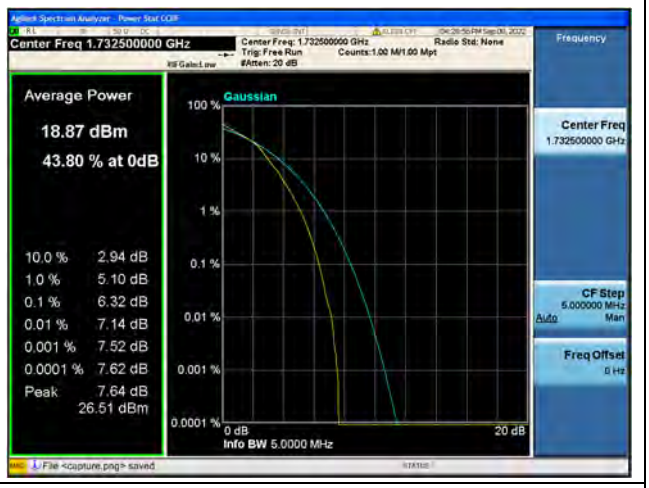
Band4 / 1.4MHz / Low CH / QPSK

Band4 / 1.4MHz / Low CH / 16QAM



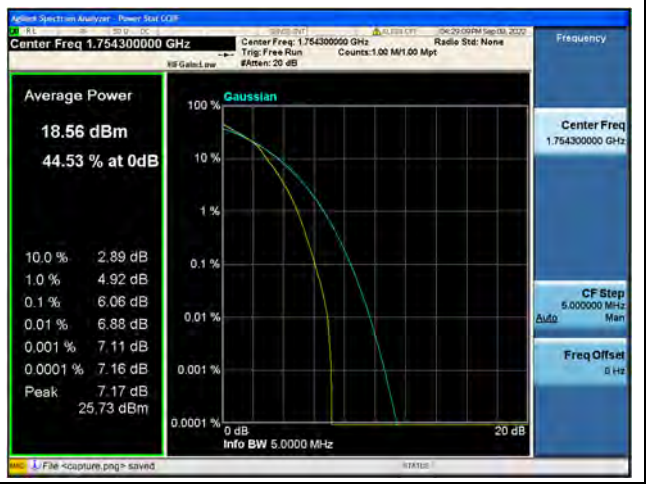
Band4 / 1.4MHz / Mid CH / QPSK

Band4 / 1.4MHz / Mid CH / 16QAM



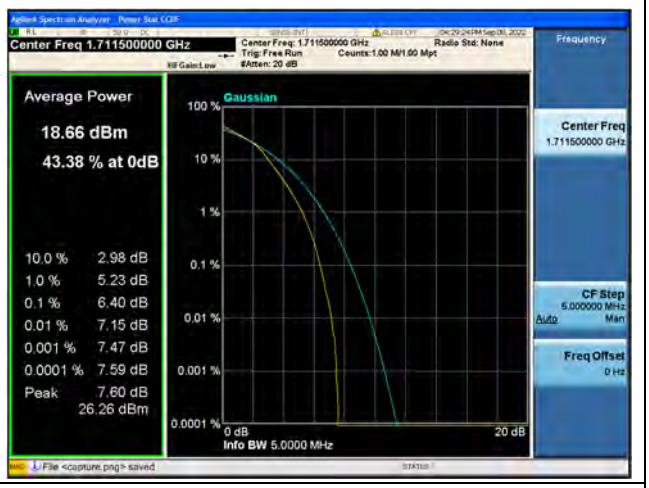
Band4 / 1.4MHz / High CH / QPSK

Band4 / 1.4MHz / High CH / 16QAM



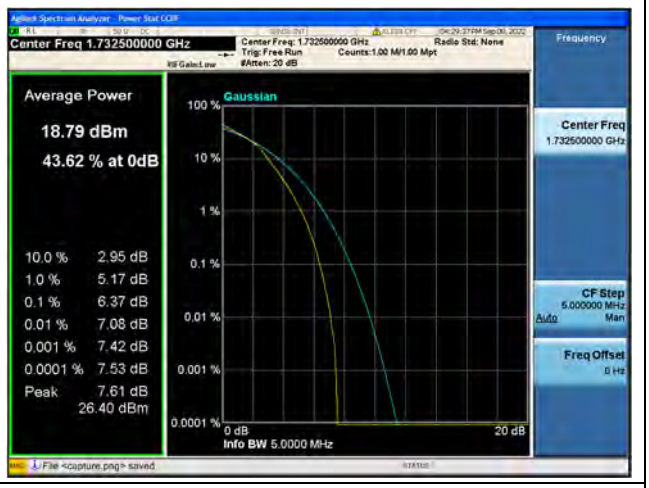
Band4 / 3MHz / Low CH / QPSK

Band4 / 3MHz / Low CH / 16QAM



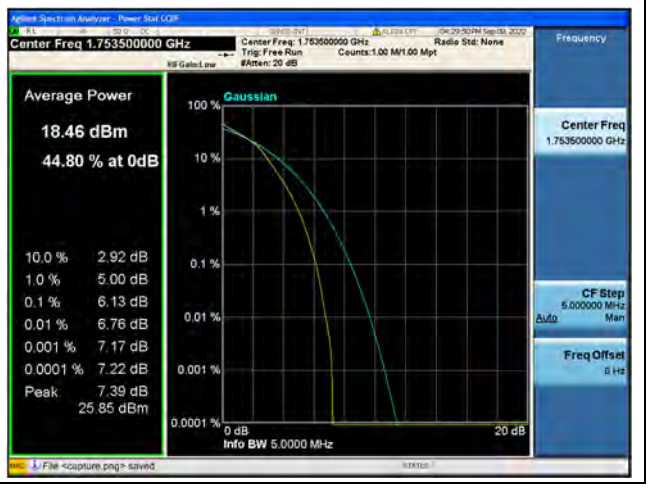
Band4 / 3MHz / Mid CH / QPSK

Band4 / 3MHz / Mid CH / 16QAM



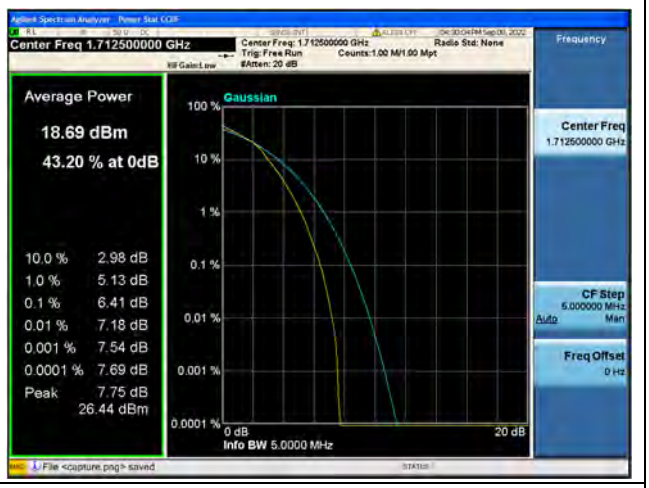
Band4 / 3MHz / High CH / QPSK

Band4 / 3MHz / High CH / 16QAM



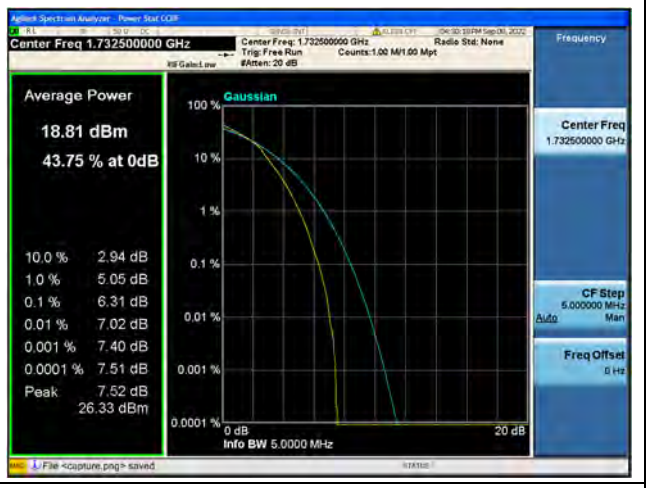
Band4 / 5MHz / Low CH / QPSK

Band4 / 5MHz / Low CH / 16QAM



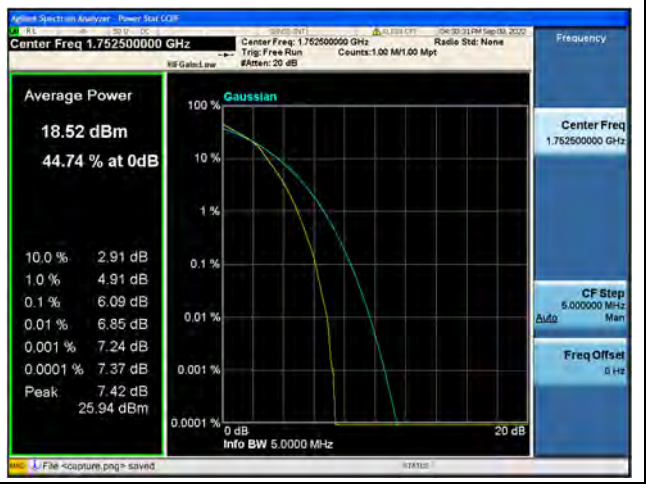
Band4 / 5MHz / Mid CH / QPSK

Band4 / 5MHz / Mid CH / 16QAM

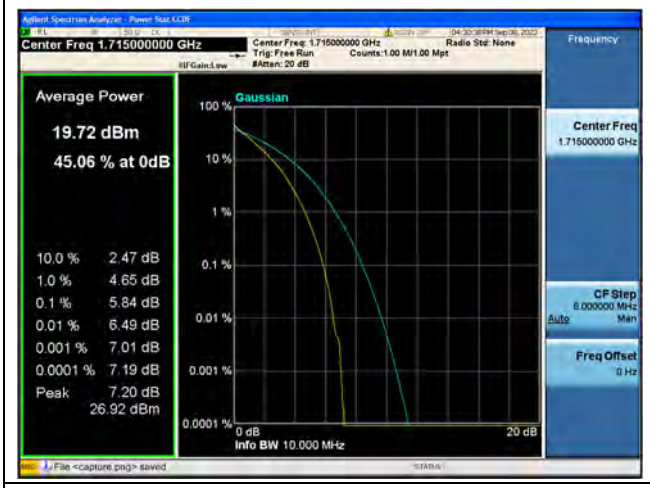


Band4 / 5MHz / High CH / QPSK

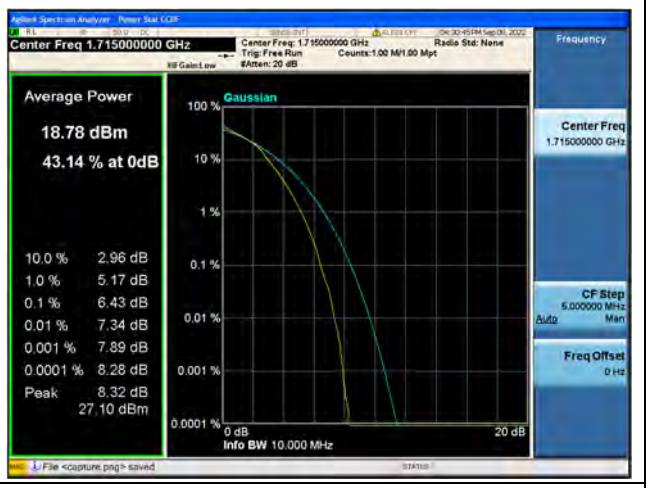
Band4 / 5MHz / High CH / 16QAM



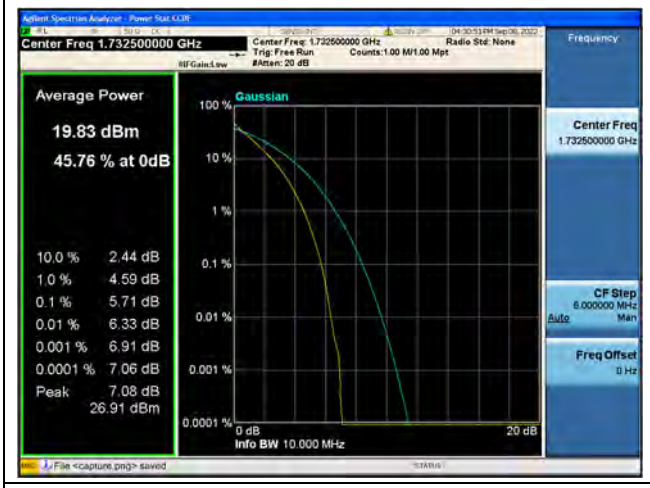
Band4 / 10MHz / Low CH / QPSK



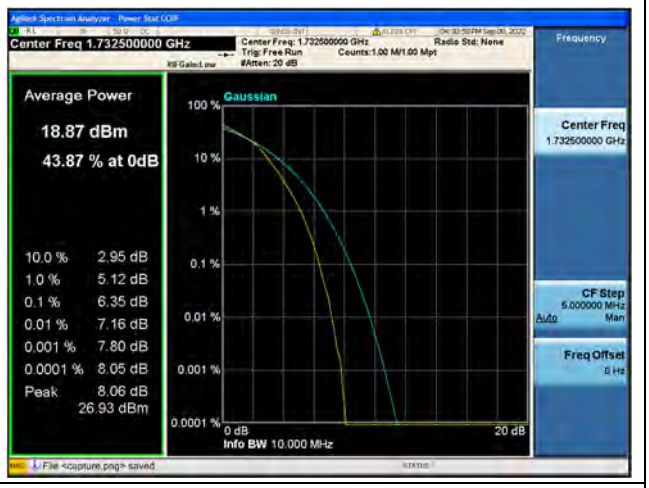
Band4 / 10MHz / Low CH / 16QAM



Band4 / 10MHz / Mid CH / QPSK

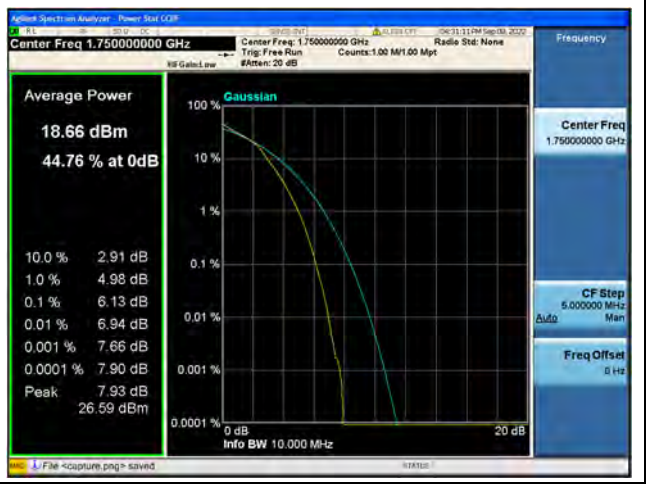


Band4 / 10MHz / Mid CH / 16QAM

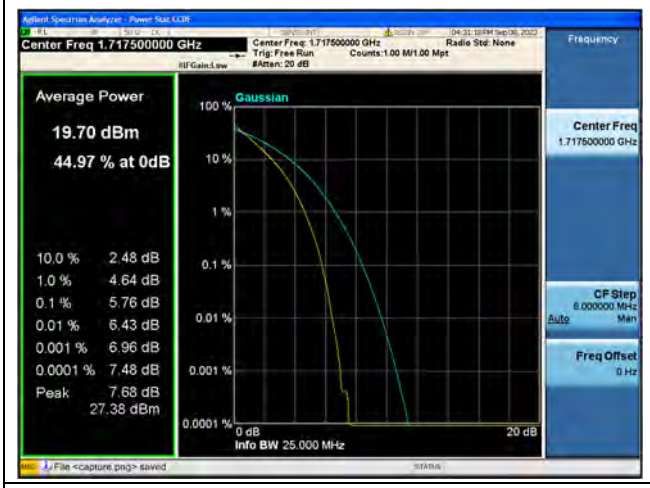


Band4 / 10MHz / High CH / QPSK

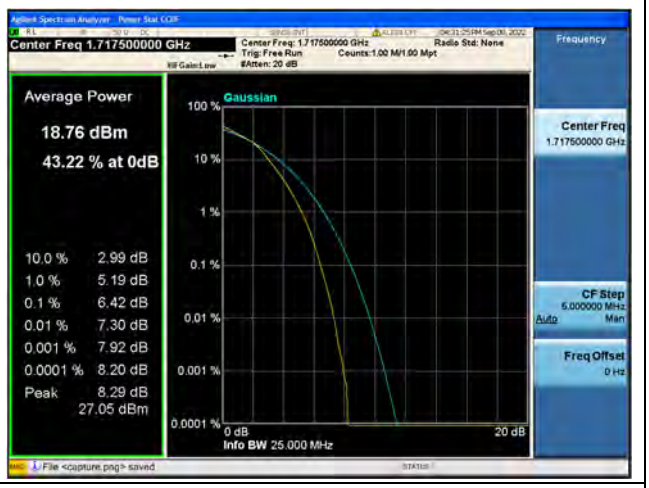
Band4 / 10MHz / High CH / 16QAM



Band4 / 15MHz / Low CH / QPSK

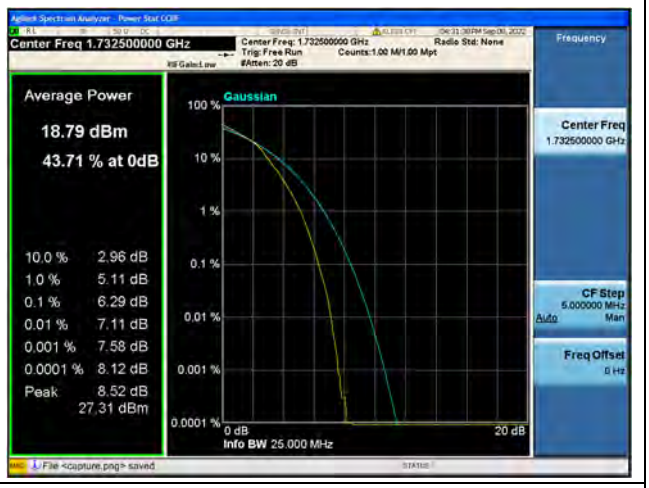


Band4 / 15MHz / Low CH / 16QAM



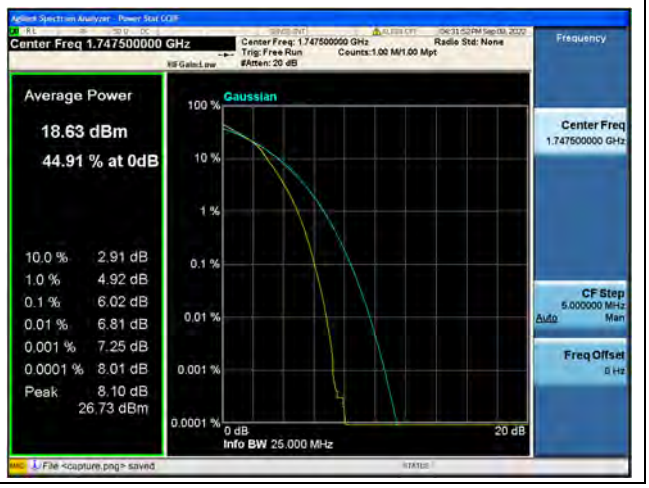
Band4 / 15MHz / Mid CH / QPSK

Band4 / 15MHz / Mid CH / 16QAM

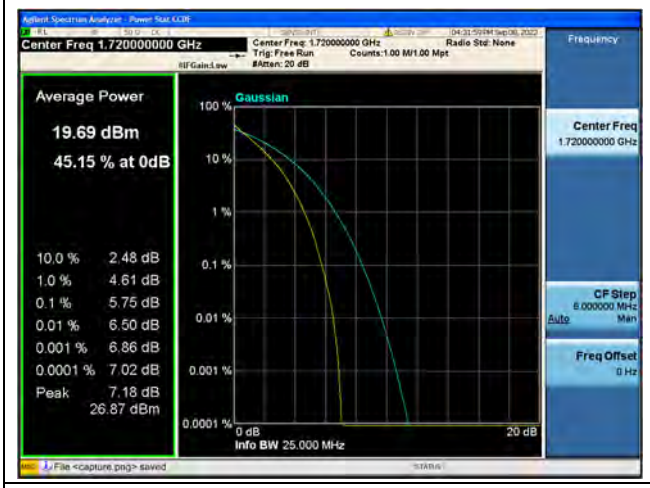


Band4 / 15MHz / High CH / QPSK

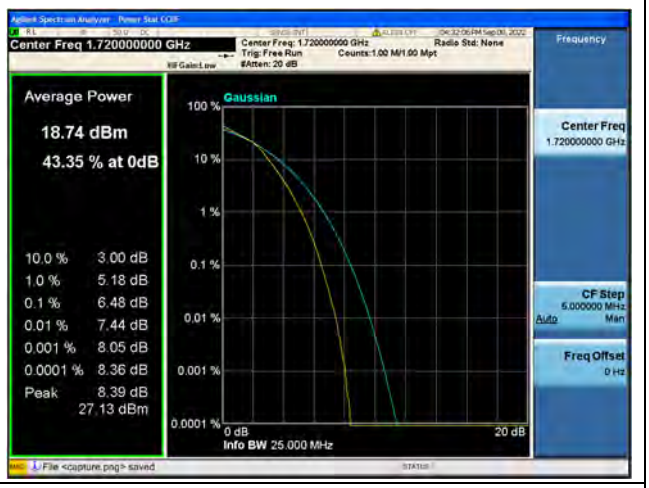
Band4 / 15MHz / High CH / 16QAM



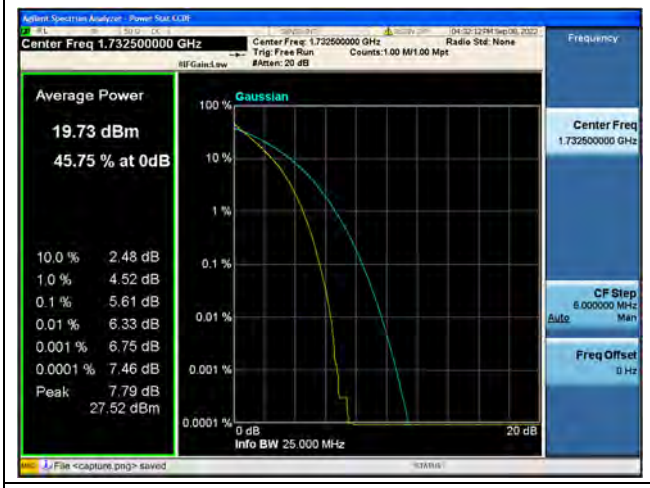
Band4 / 20MHz / Low CH / QPSK



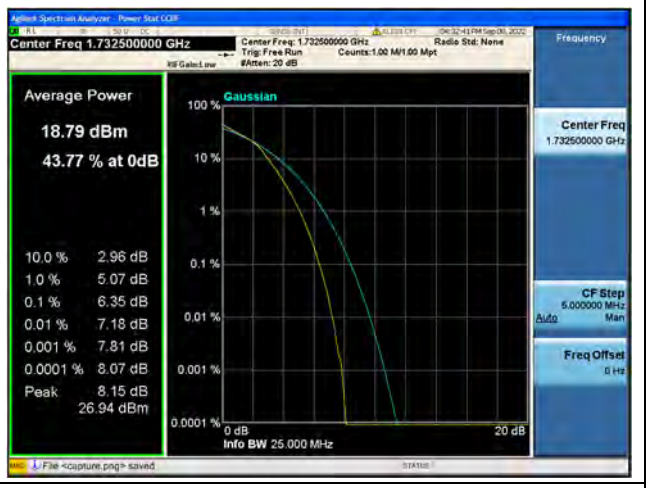
Band4 / 20MHz / Low CH / 16QAM



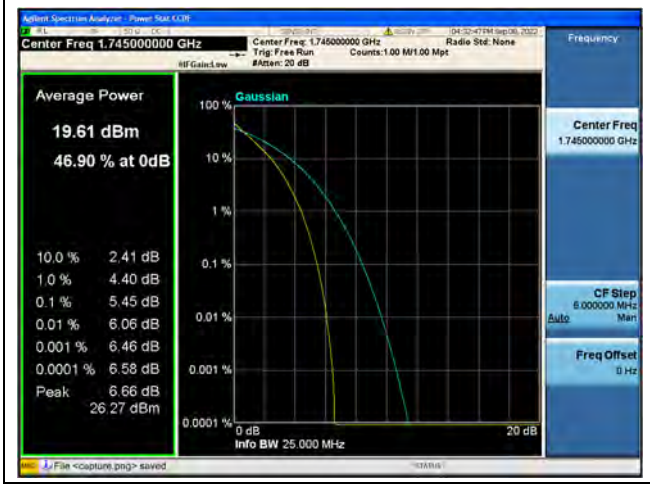
Band4 / 20MHz / Mid CH / QPSK



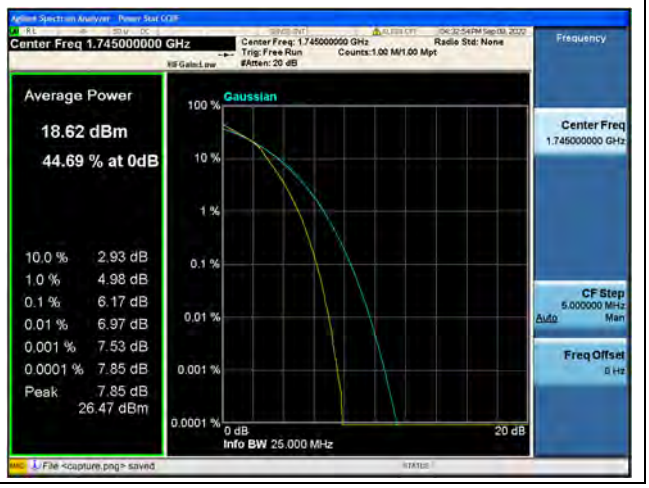
Band4 / 20MHz / Mid CH / 16QAM



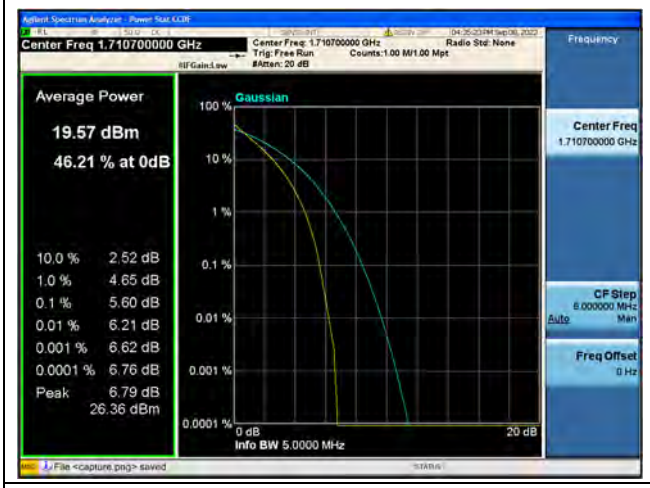
Band4 / 20MHz / High CH / QPSK



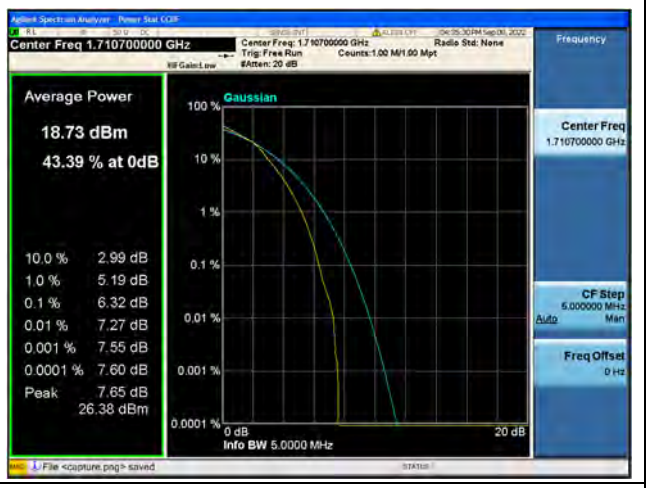
Band4 / 20MHz / High CH / 16QAM



Band66 / 1.4MHz / Low CH / QPSK

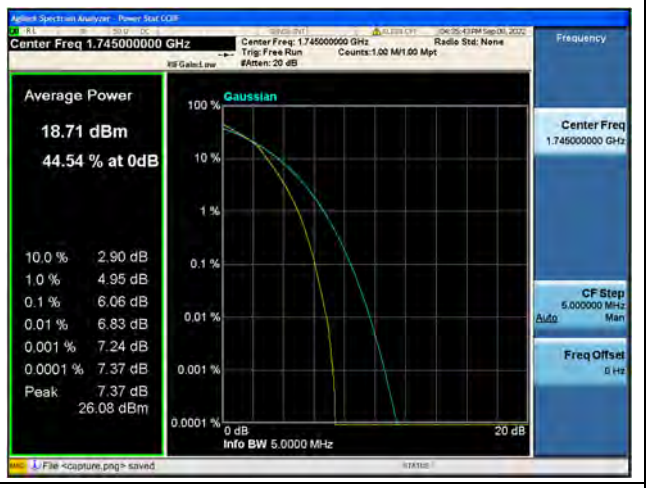


Band66 / 1.4MHz / Low CH / 16QAM



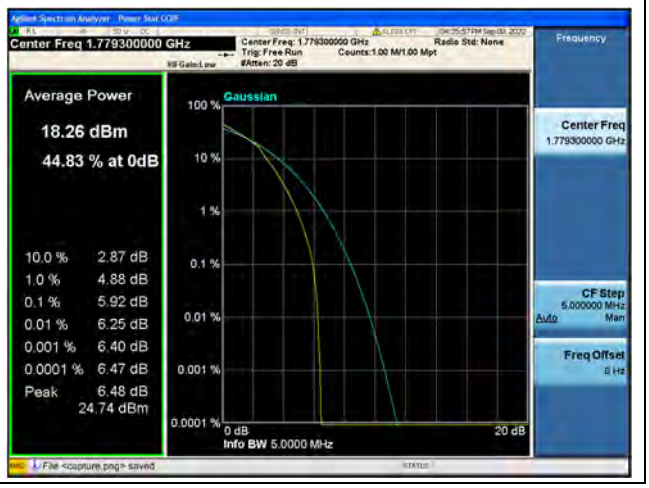
Band66 / 1.4MHz / Mid CH / QPSK

Band66 / 1.4MHz / Mid CH / 16QAM

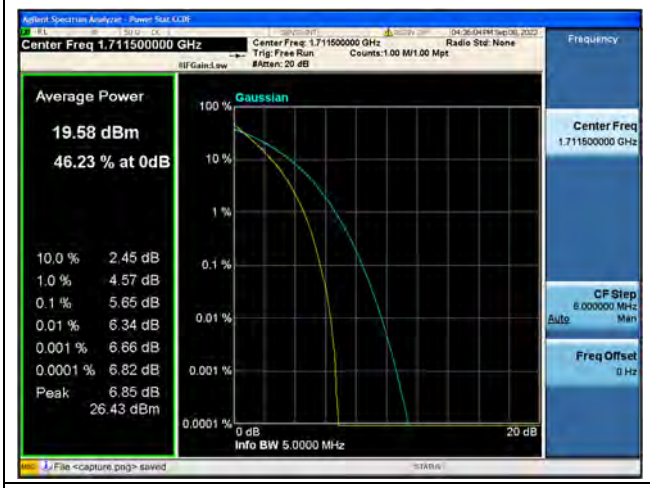


Band66 / 1.4MHz / High CH / QPSK

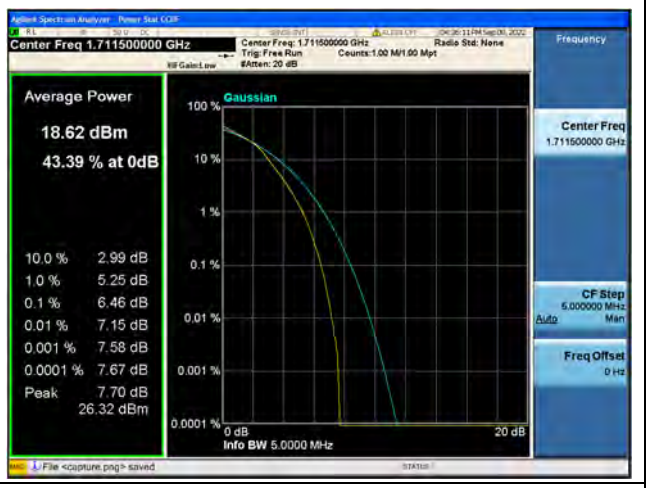
Band66 / 1.4MHz / High CH / 16QAM



Band66 / 3MHz / Low CH / QPSK

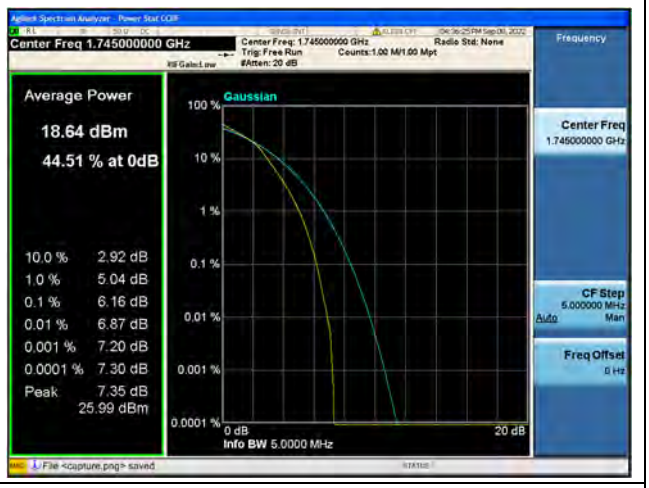


Band66 / 3MHz / Low CH / 16QAM

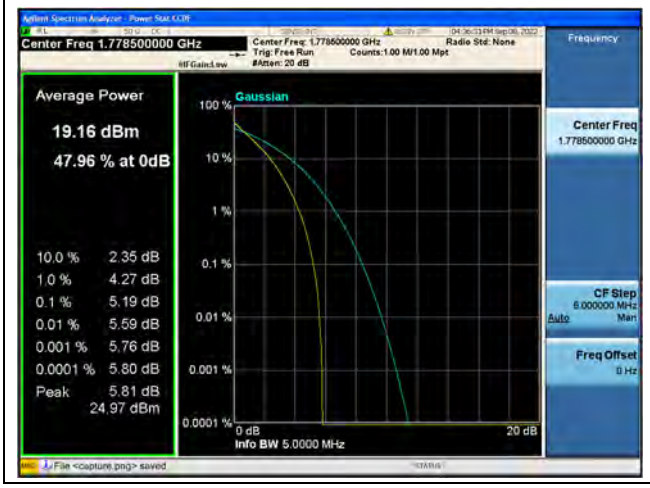


Band66 / 3MHz / Mid CH / QPSK

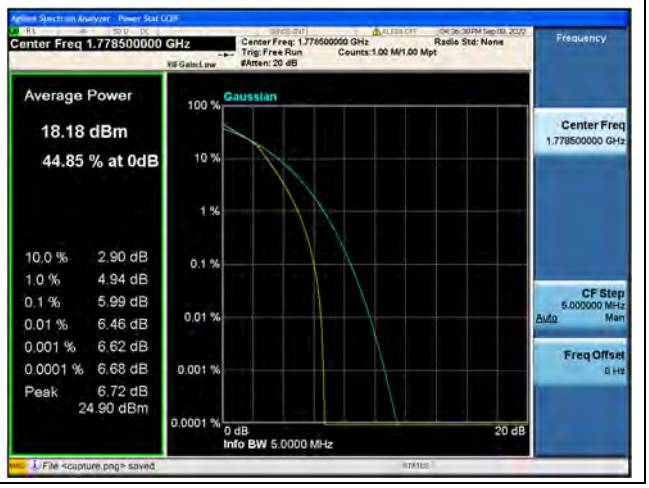
Band66 / 3MHz / Mid CH / 16QAM



Band66 / 3MHz / High CH / QPSK

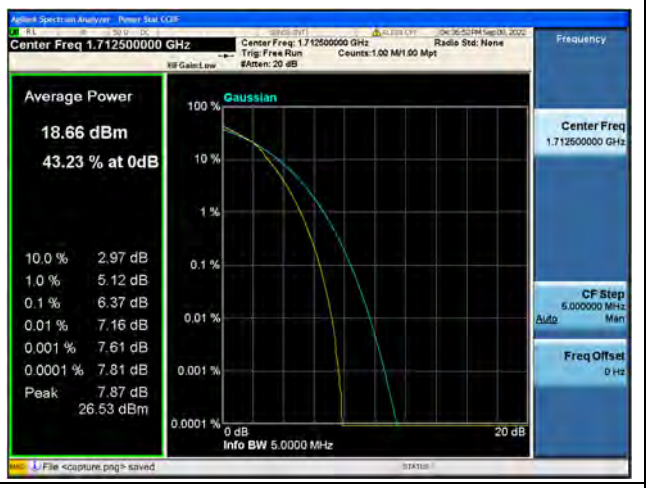


Band66 / 3MHz / High CH / 16QAM



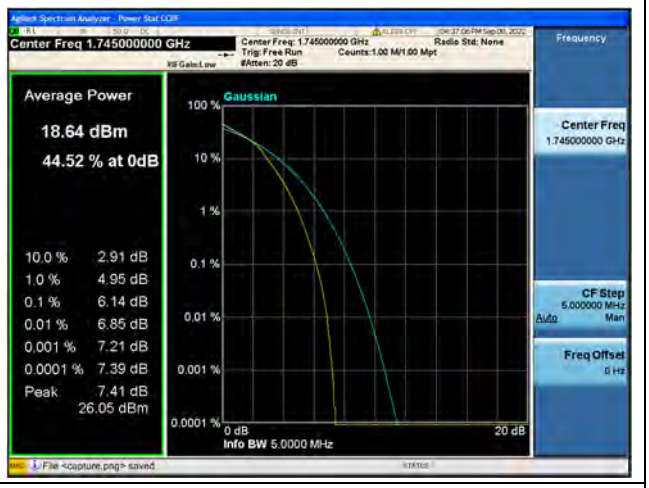
Band66 / 5MHz / Low CH / QPSK

Band66 / 5MHz / Low CH / 16QAM



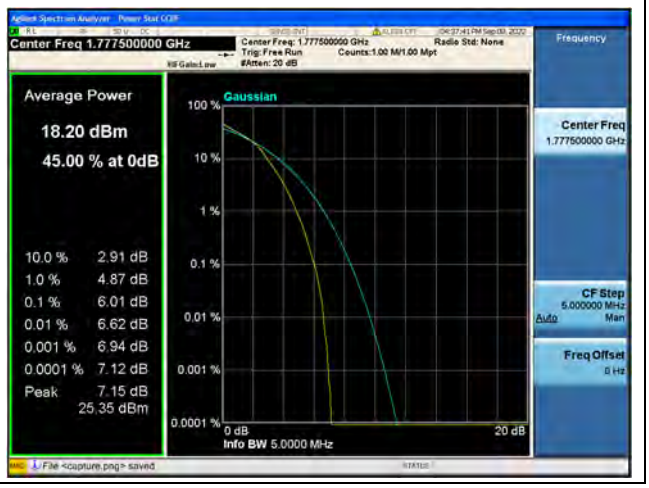
Band66 / 5MHz / Mid CH / QPSK

Band66 / 5MHz / Mid CH / 16QAM

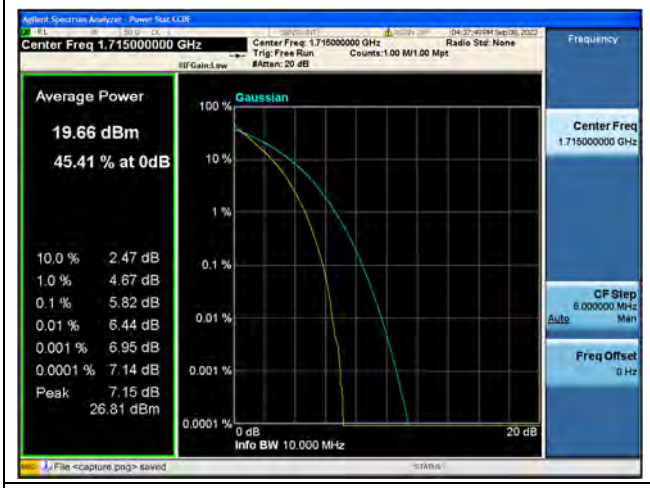


Band66 / 5MHz / High CH / QPSK

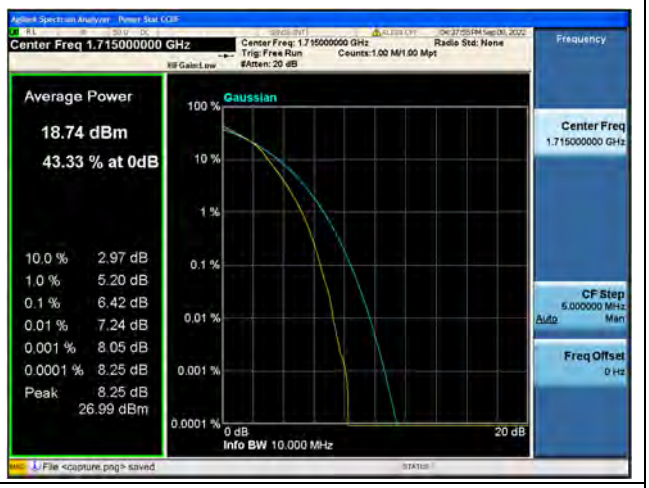
Band66 / 5MHz / High CH / 16QAM



Band66 / 10MHz / Low CH / QPSK

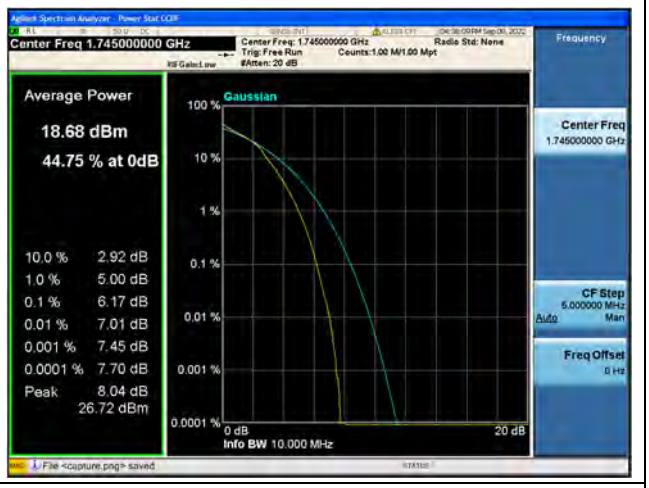


Band66 / 10MHz / Low CH / 16QAM



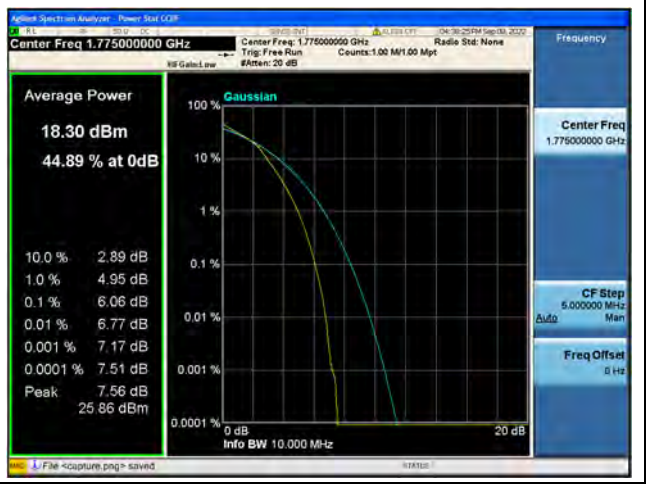
Band66 / 10MHz / Mid CH / QPSK

Band66 / 10MHz / Mid CH / 16QAM

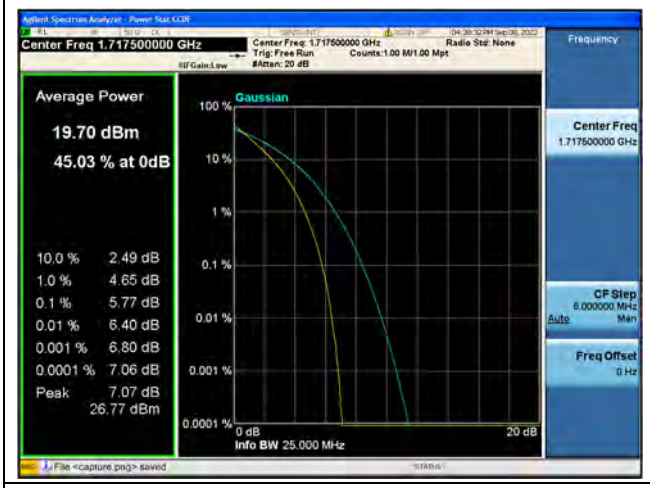


Band66 / 10MHz / High CH / QPSK

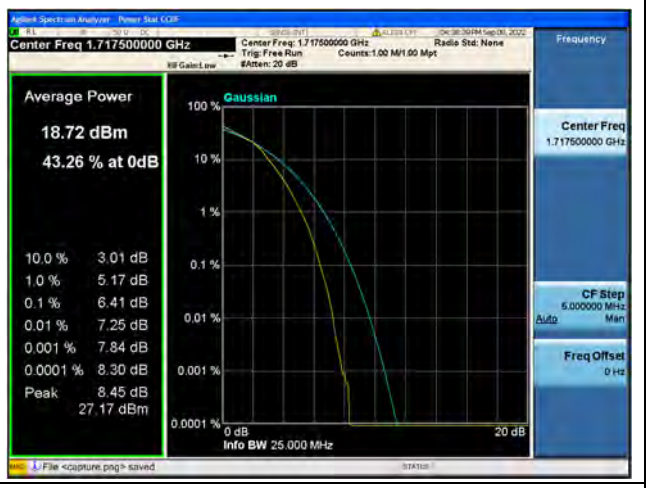
Band66 / 10MHz / High CH / 16QAM



Band66 / 15MHz / Low CH / QPSK

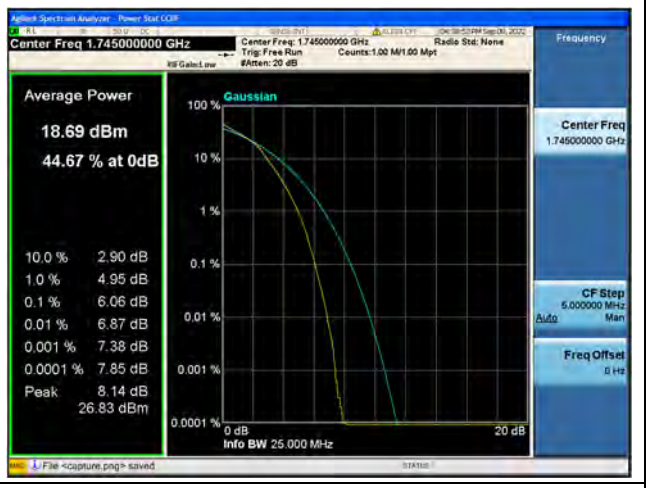


Band66 / 15MHz / Low CH / 16QAM



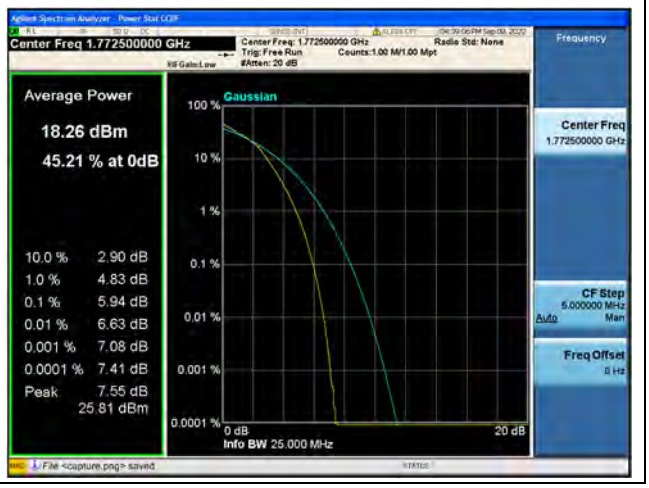
Band66 / 15MHz / Mid CH / QPSK

Band66 / 15MHz / Mid CH / 16QAM

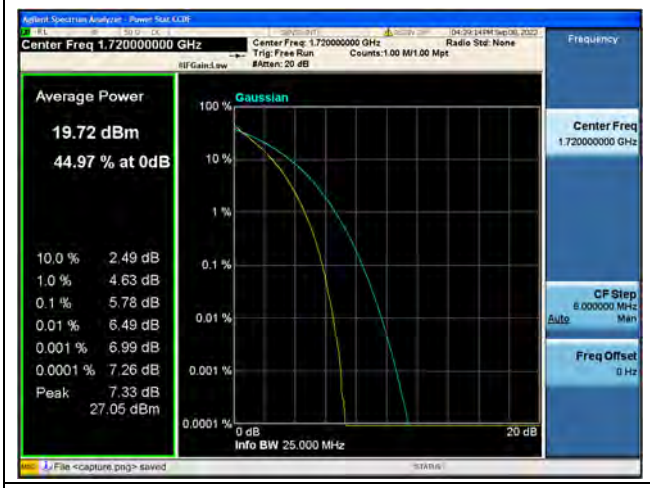


Band66 / 15MHz / High CH / QPSK

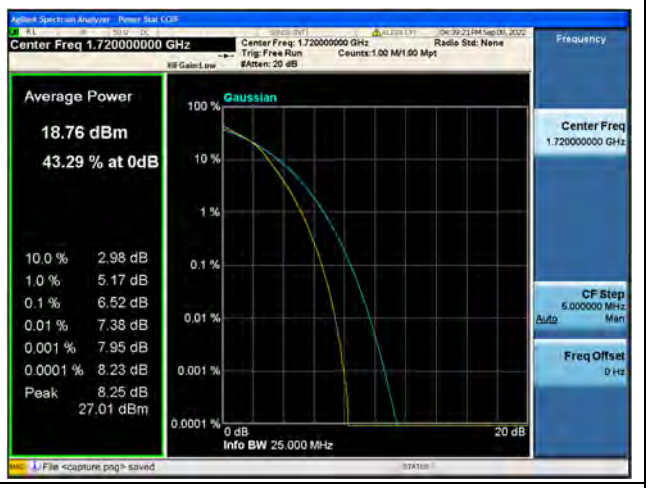
Band66 / 15MHz / High CH / 16QAM



Band66 / 20MHz / Low CH / QPSK

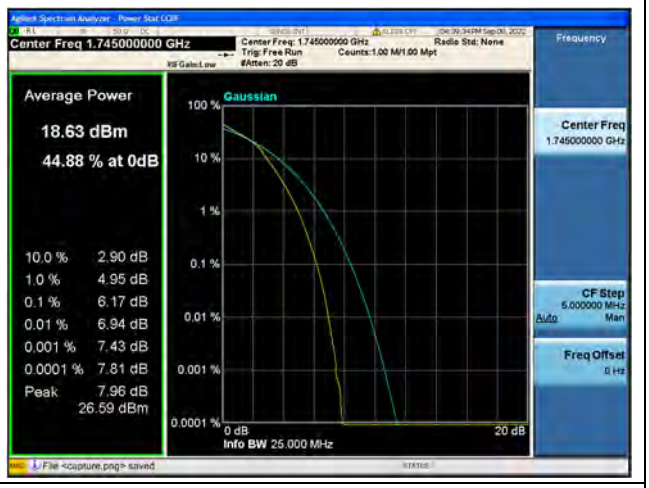


Band66 / 20MHz / Low CH / 16QAM



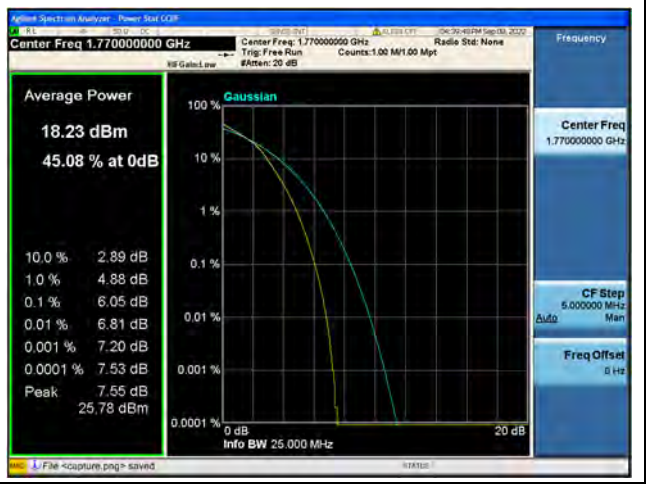
Band66 / 20MHz / Mid CH / QPSK

Band66 / 20MHz / Mid CH / 16QAM



Band66 / 20MHz / High CH / QPSK

Band66 / 20MHz / High CH / 16QAM



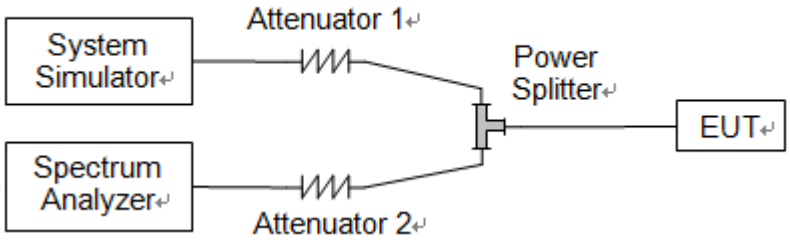
2.5. Conducted Spurious Emissions

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 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.

2.5.2. Test Description

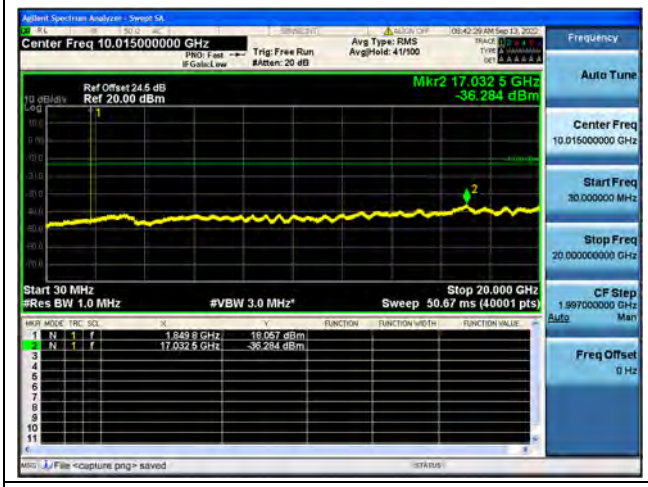
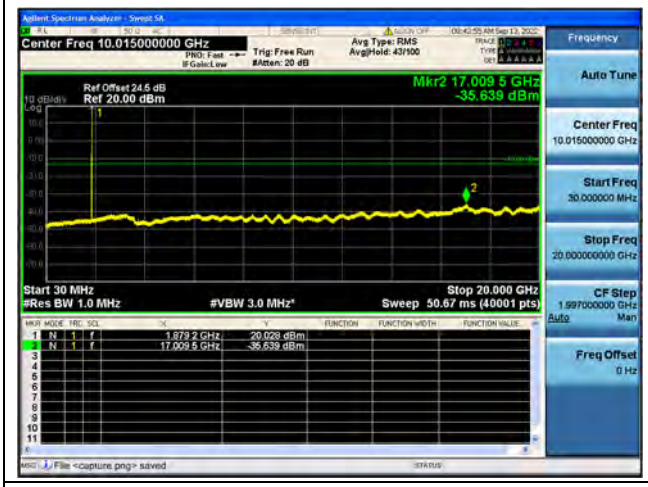
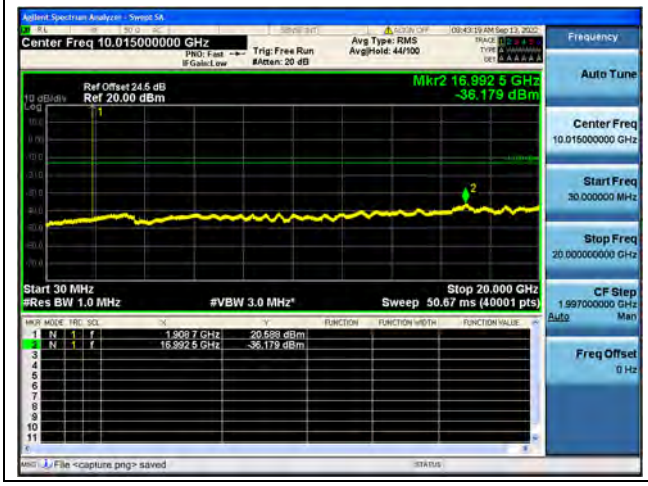


The EUT is coupled to the Spectrum Analyzer (SA) and the System Simulator (SS) with Attenuators through the Power Splitter; the RF load attached to the EUT antenna terminal is 50Ohm; the path loss as the factor is calibrated to correct the reading. The EUT is commanded by the SS to operate at the maximum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

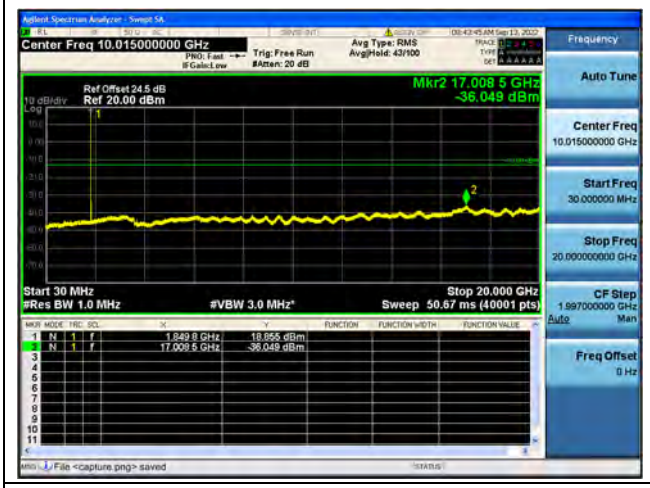
2.5.3. Test Procedure

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

2.5.4. Test Result

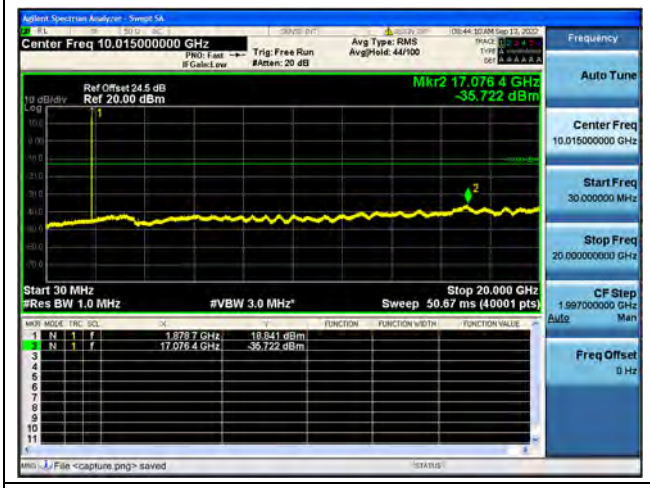
Band2 / 1.4MHz / Low CH / QPSK	Band2 / 1.4MHz / Low CH / 16QAM
	
Band2 / 1.4MHz / Mid CH / QPSK	**Band2 / 1.4MHz / Mid CH / 16QAM**
	
Band2 / 1.4MHz / High CH / QPSK	**Band2 / 1.4MHz / High CH / 16QAM**
	

Band2 / 3MHz / Low CH / QPSK



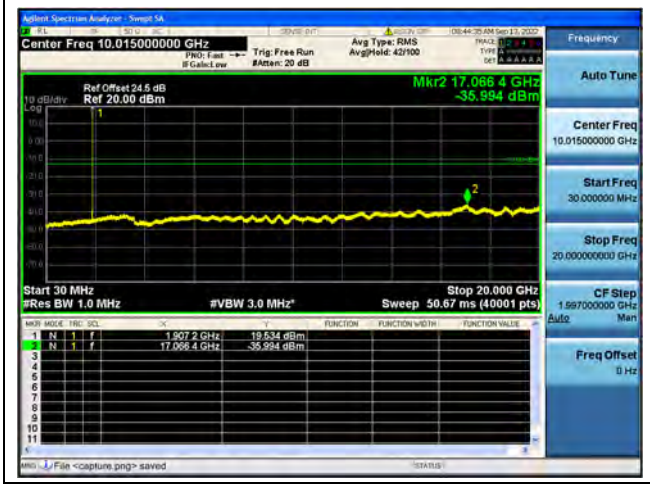
Band2 / 3MHz / Low CH / 16QAM

Band2 / 3MHz / Mid CH / QPSK



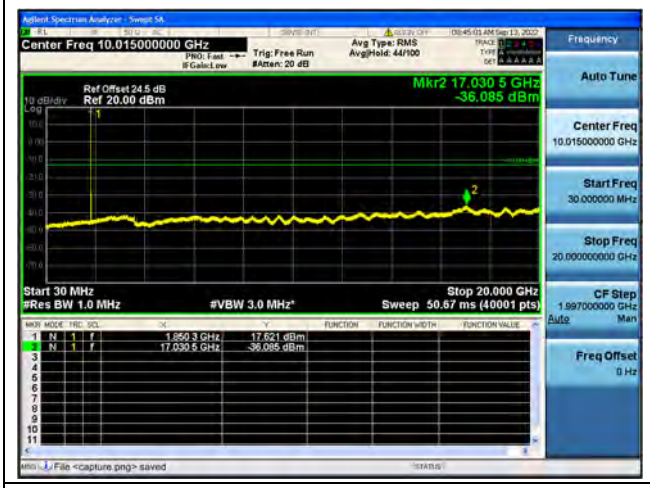
Band2 / 3MHz / Mid CH / 16QAM

Band2 / 3MHz / High CH / QPSK



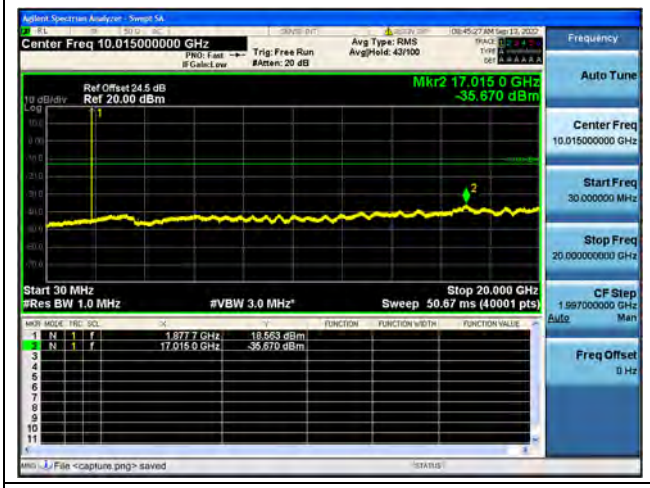
Band2 / 3MHz / High CH / 16QAM

Band2 / 5MHz / Low CH / QPSK



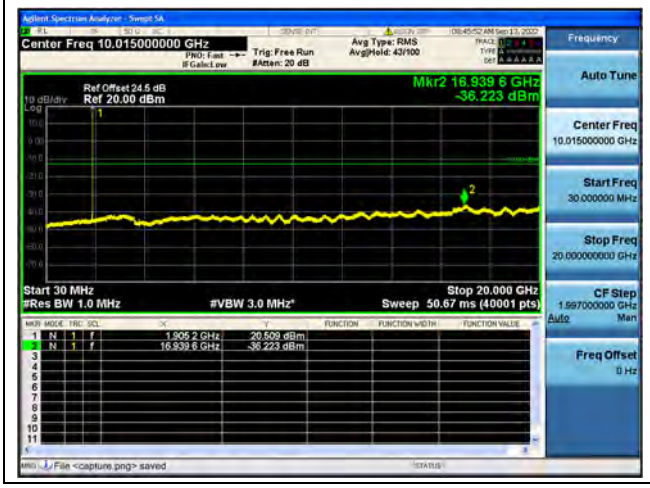
Band2 / 5MHz / Low CH / 16QAM

Band2 / 5MHz / Mid CH / QPSK



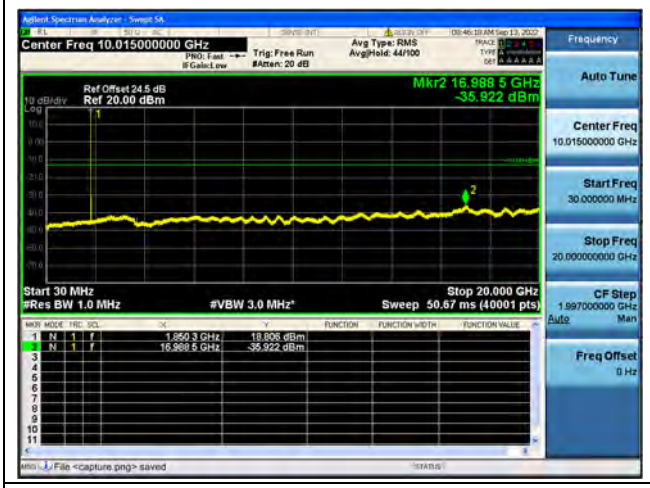
Band2 / 5MHz / Mid CH / 16QAM

Band2 / 5MHz / High CH / QPSK



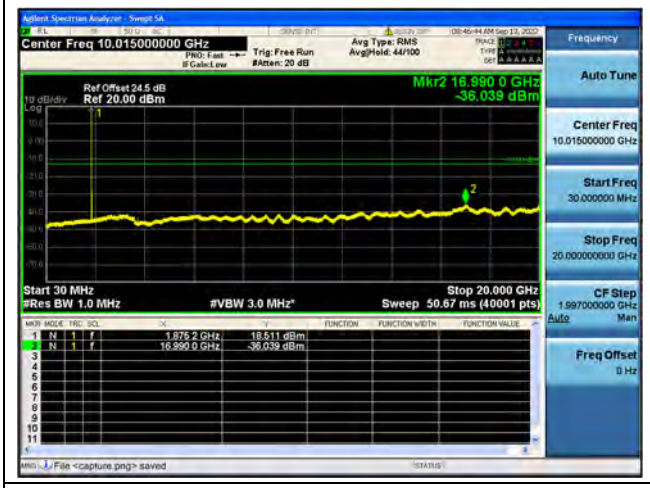
Band2 / 5MHz / High CH / 16QAM

Band2 / 10MHz / Low CH / QPSK



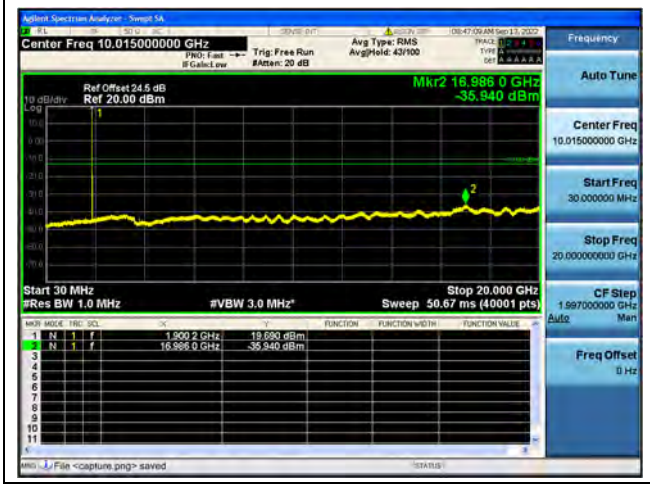
Band2 / 10MHz / Low CH / 16QAM

Band2 / 10MHz / Mid CH / QPSK



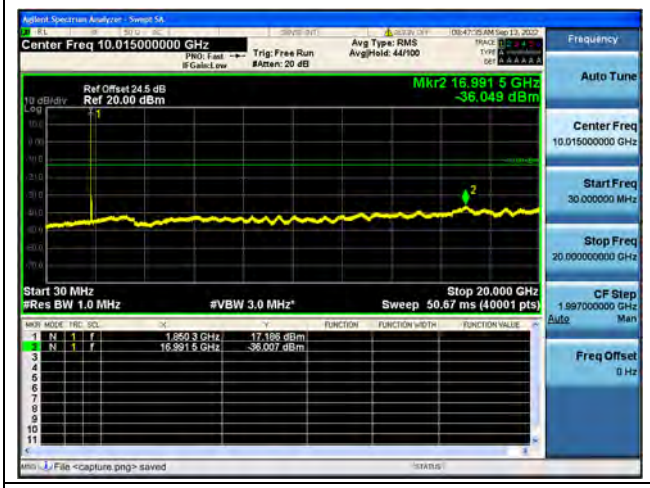
Band2 / 10MHz / Mid CH / 16QAM

Band2 / 10MHz / High CH / QPSK



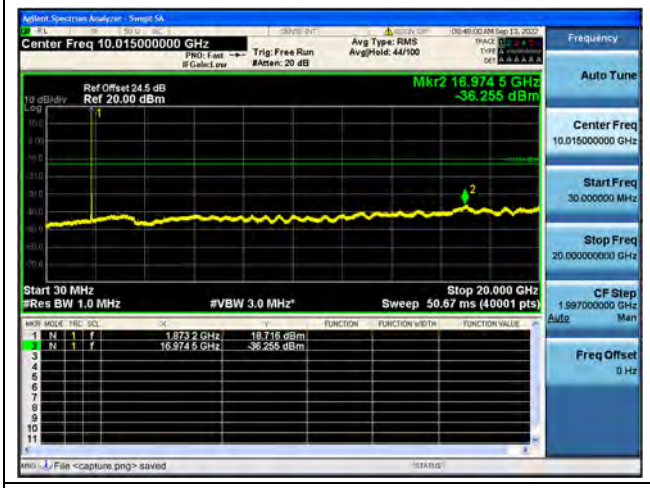
Band2 / 10MHz / High CH / 16QAM

Band2 / 15MHz / Low CH / QPSK



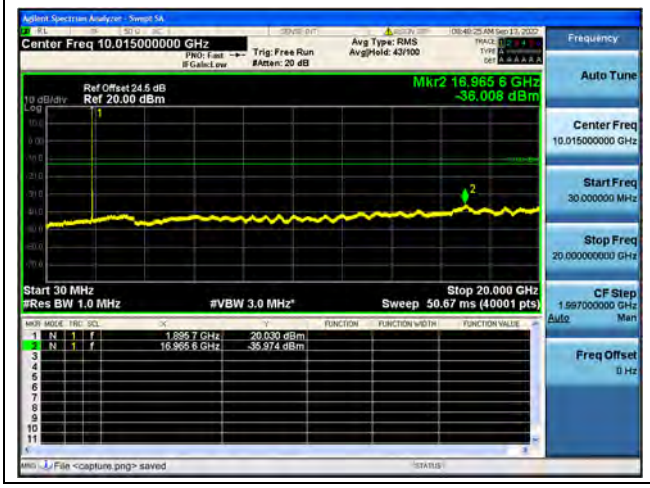
Band2 / 15MHz / Low CH / 16QAM

Band2 / 15MHz / Mid CH / QPSK



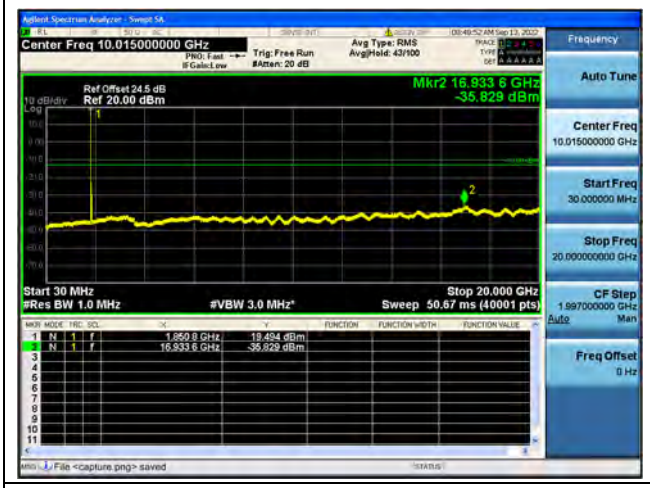
Band2 / 15MHz / Mid CH / 16QAM

Band2 / 15MHz / High CH / QPSK



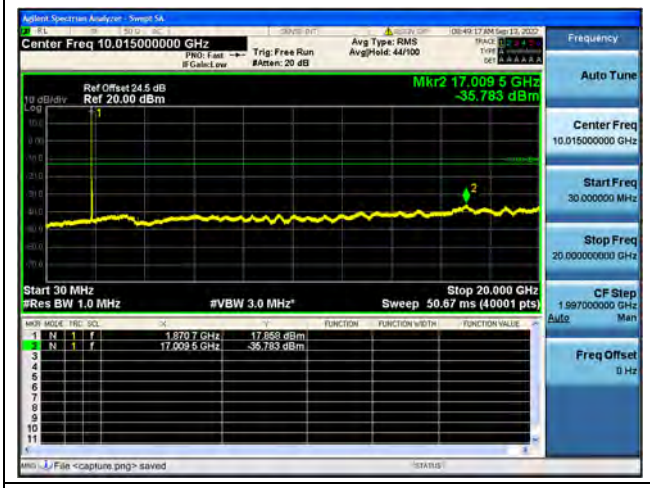
Band2 / 15MHz / High CH / 16QAM

Band2 / 20MHz / Low CH / QPSK



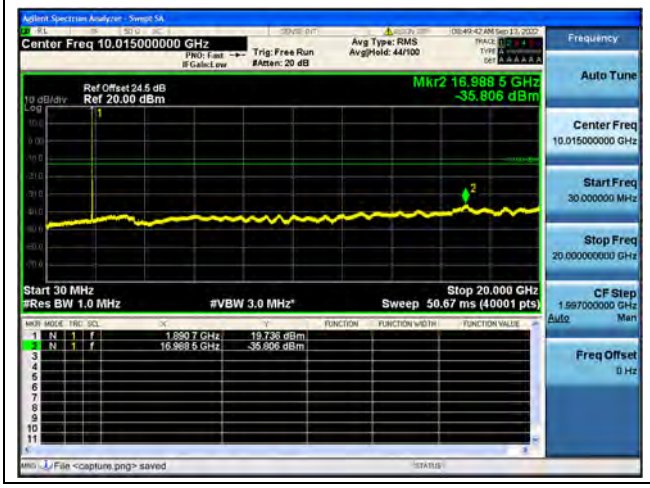
Band2 / 20MHz / Low CH / 16QAM

Band2 / 20MHz / Mid CH / QPSK



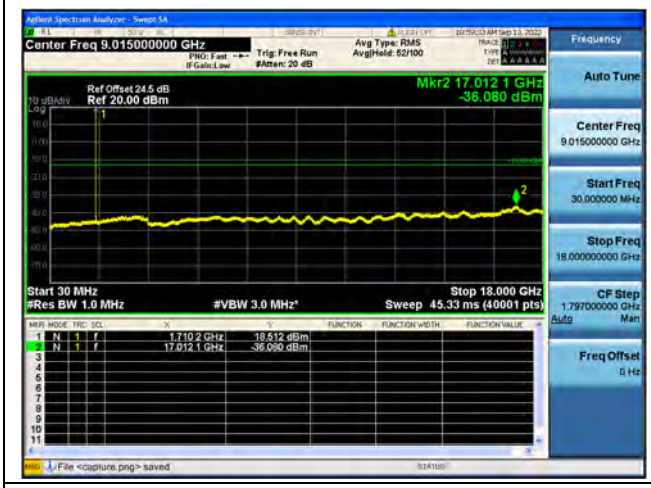
Band2 / 20MHz / Mid CH / 16QAM

Band2 / 20MHz / High CH / QPSK



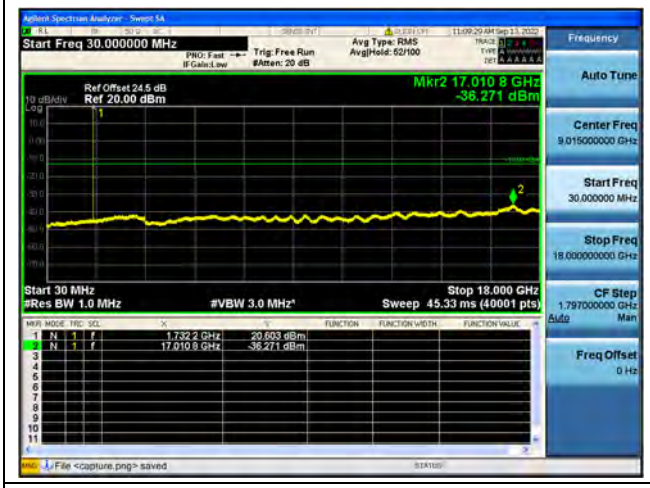
Band2 / 20MHz / High CH / 16QAM

Band4 / 1.4MHz / Low CH / QPSK



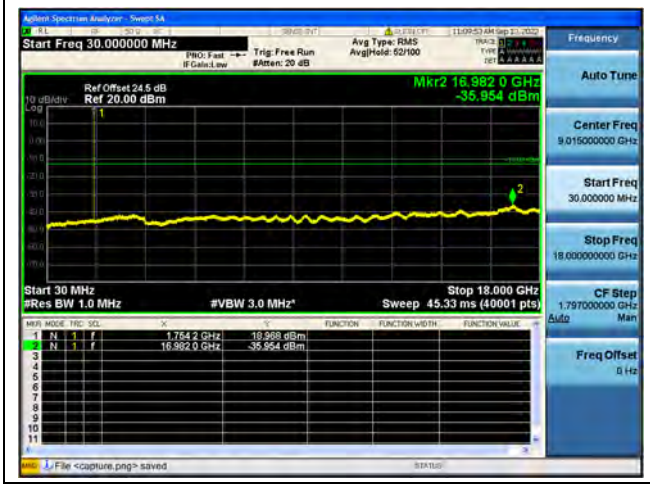
Band4 / 1.4MHz / Low CH / 16QAM

Band4 / 1.4MHz / Mid CH / QPSK



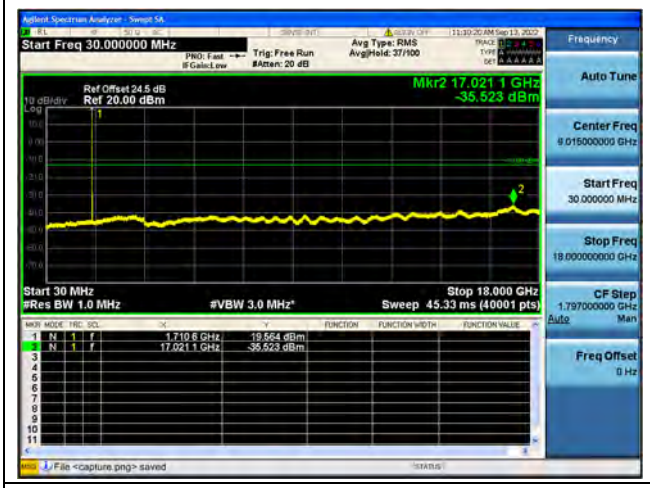
Band4 / 1.4MHz / Mid CH / 16QAM

Band4 / 1.4MHz / High CH / QPSK



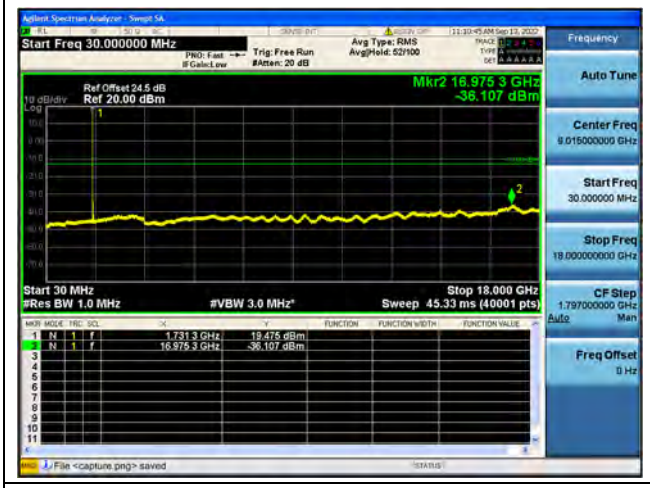
Band4 / 1.4MHz / High CH / 16QAM

Band4 / 3MHz / Low CH / QPSK



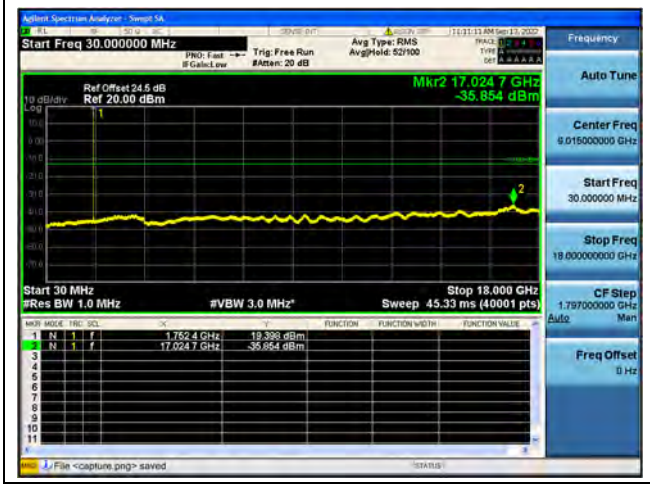
Band4 / 3MHz / Low CH / 16QAM

Band4 / 3MHz / Mid CH / QPSK



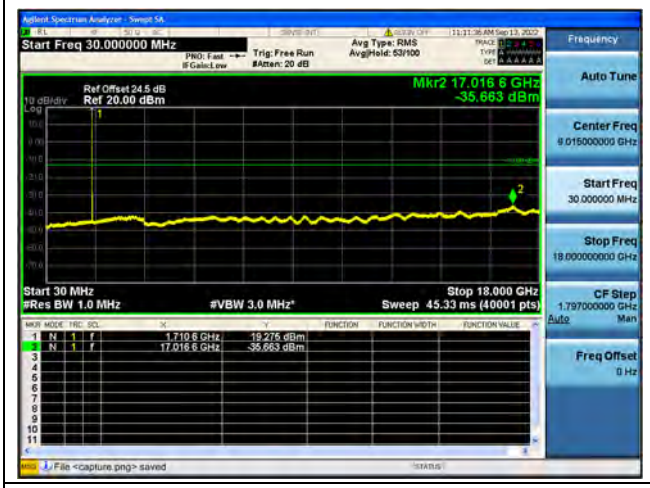
Band4 / 3MHz / Mid CH / 16QAM

Band4 / 3MHz / High CH / QPSK



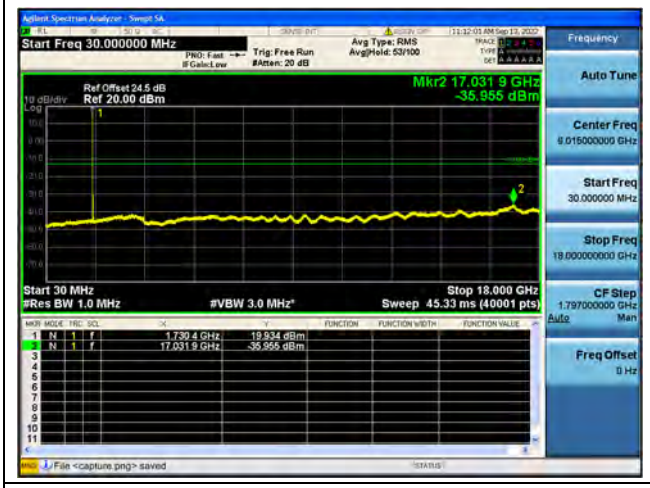
Band4 / 3MHz / High CH / 16QAM

Band4 / 5MHz / Low CH / QPSK



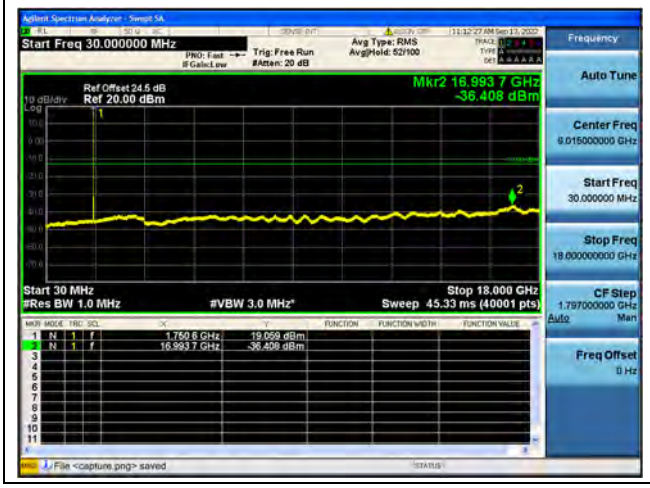
Band4 / 5MHz / Low CH / 16QAM

Band4 / 5MHz / Mid CH / QPSK



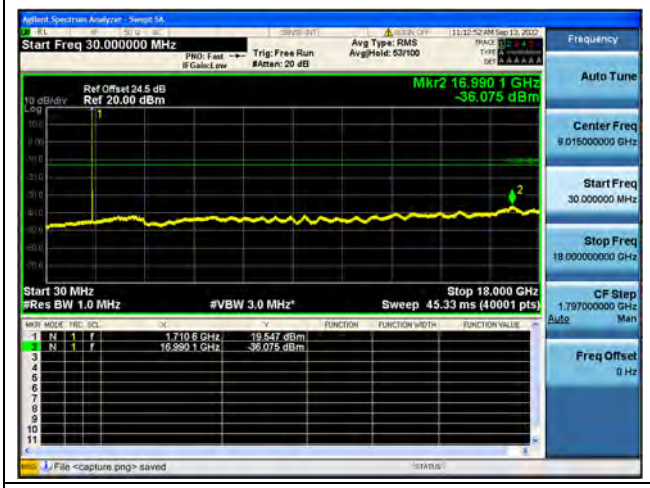
Band4 / 5MHz / Mid CH / 16QAM

Band4 / 5MHz / High CH / QPSK



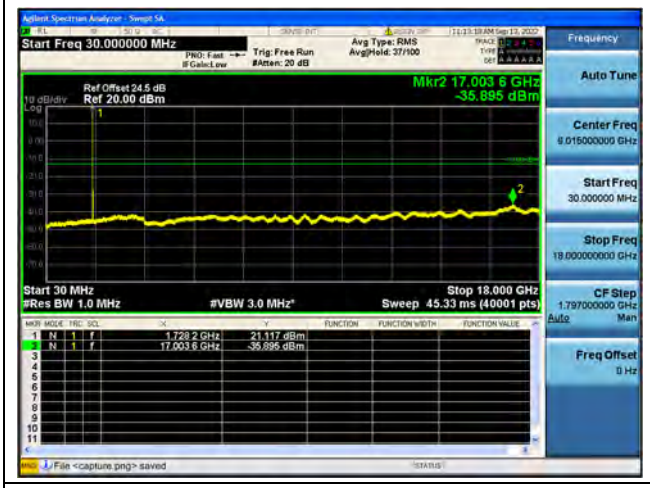
Band4 / 5MHz / High CH / 16QAM

Band4 / 10MHz / Low CH / QPSK



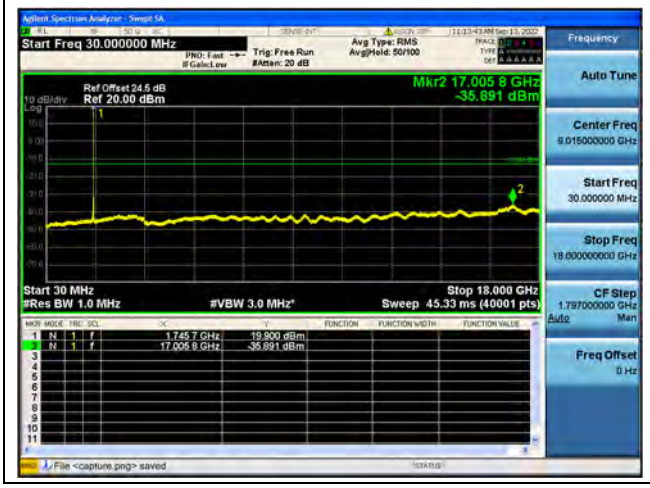
Band4 / 10MHz / Low CH / 16QAM

Band4 / 10MHz / Mid CH / QPSK



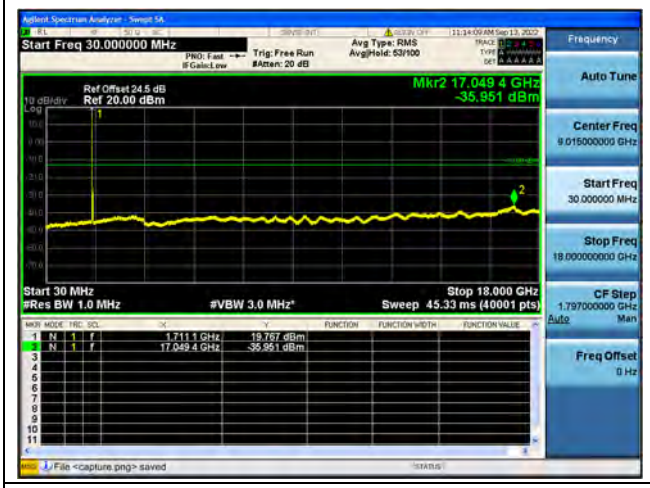
Band4 / 10MHz / Mid CH / 16QAM

Band4 / 10MHz / High CH / QPSK



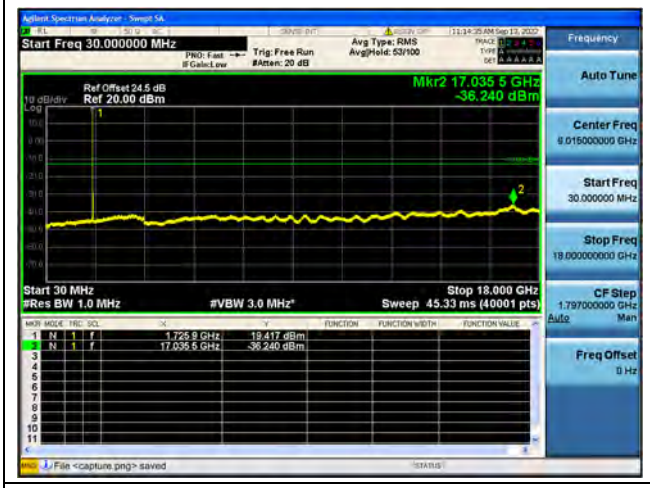
Band4 / 10MHz / High CH / 16QAM

Band4 / 15MHz / Low CH / QPSK



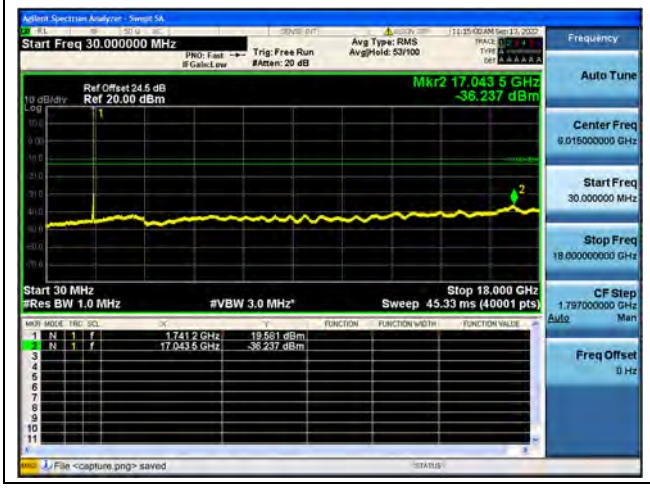
Band4 / 15MHz / Low CH / 16QAM

Band4 / 15MHz / Mid CH / QPSK



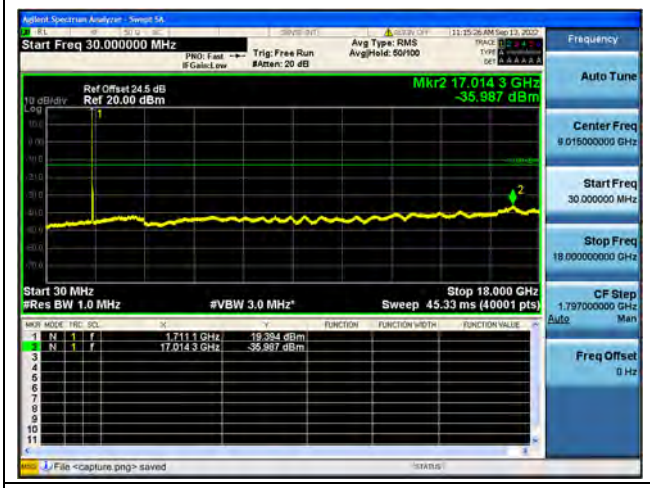
Band4 / 15MHz / Mid CH / 16QAM

Band4 / 15MHz / High CH / QPSK



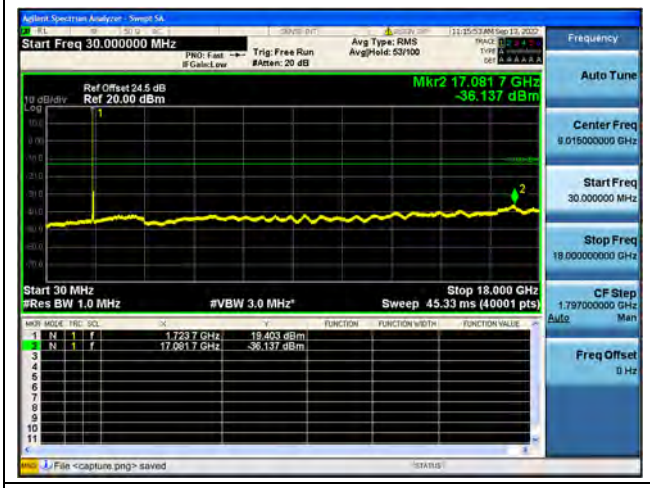
Band4 / 15MHz / High CH / 16QAM

Band4 / 20MHz / Low CH / QPSK



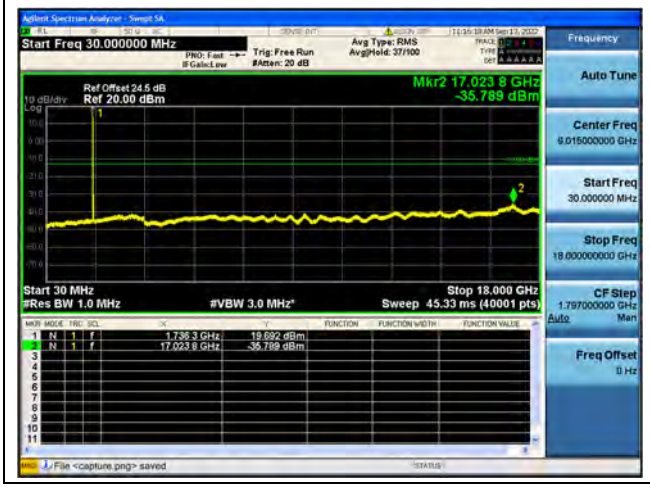
Band4 / 20MHz / Low CH / 16QAM

Band4 / 20MHz / Mid CH / QPSK



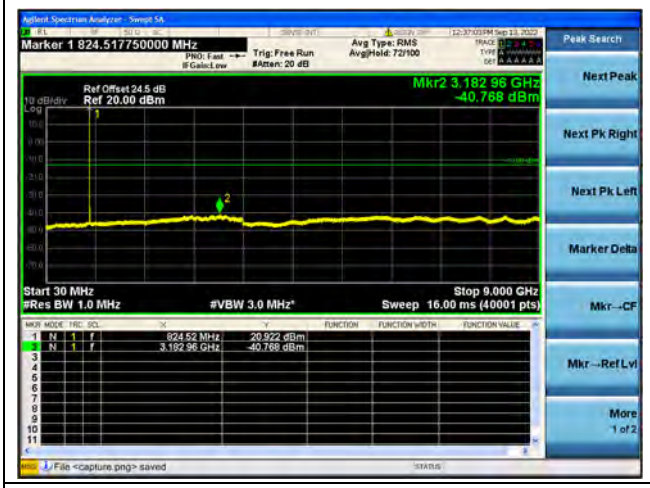
Band4 / 20MHz / Mid CH / 16QAM

Band4 / 20MHz / High CH / QPSK



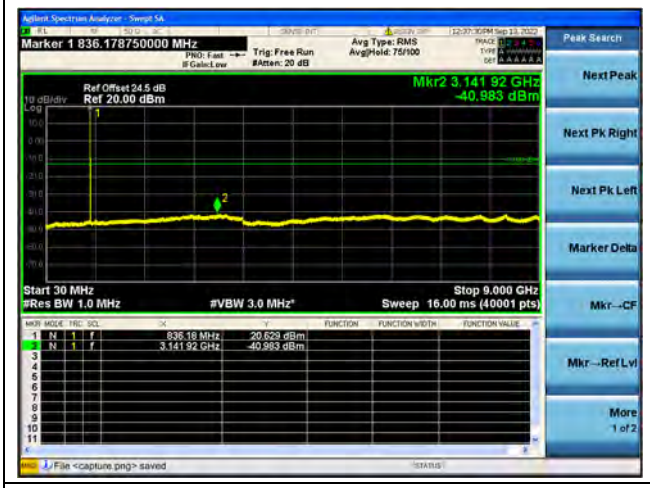
Band4 / 20MHz / High CH / 16QAM

Band5 / 1.4MHz / Low CH / QPSK



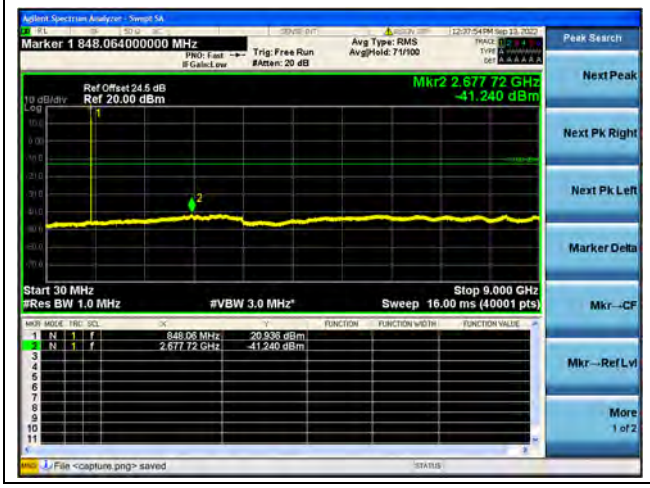
Band5 / 1.4MHz / Low CH / 16QAM

Band5 / 1.4MHz / Mid CH / QPSK



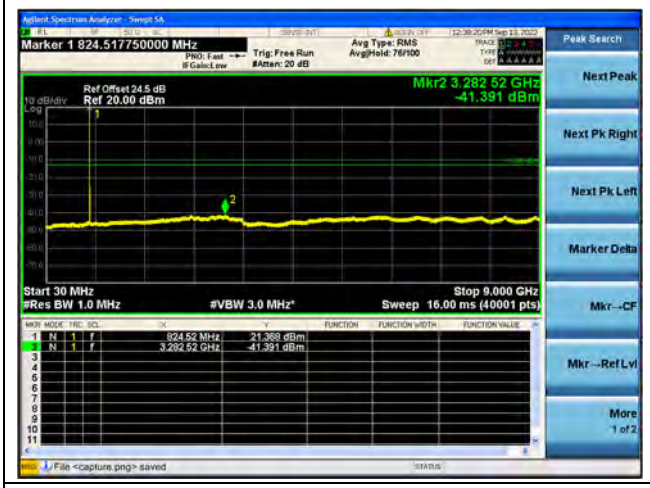
Band5 / 1.4MHz / Mid CH / 16QAM

Band5 / 1.4MHz / High CH / QPSK



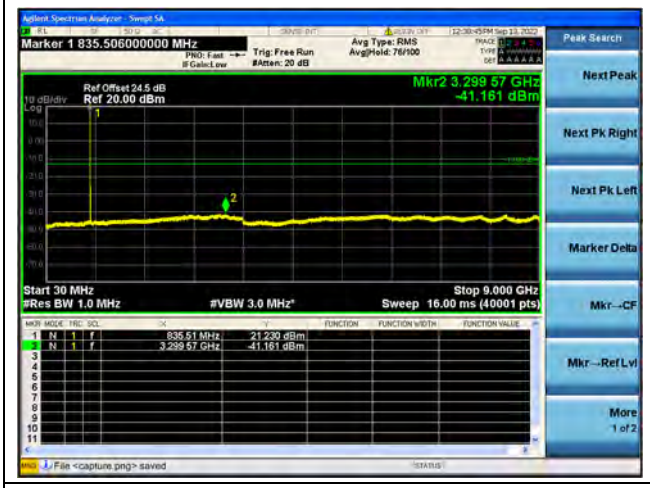
Band5 / 1.4MHz / High CH / 16QAM

Band5 / 3MHz / Low CH / QPSK



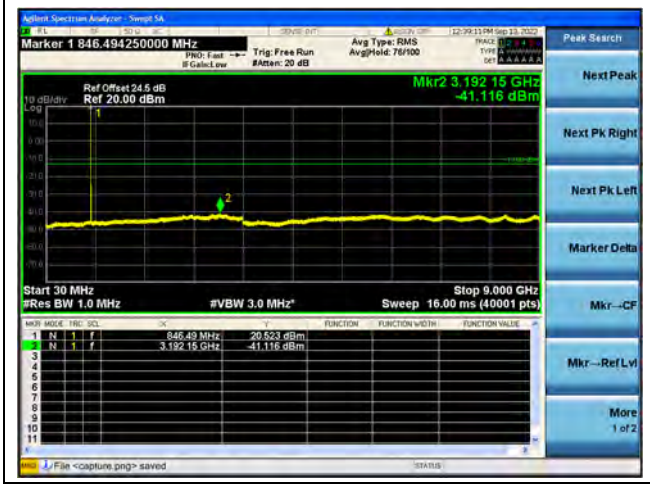
Band5 / 3MHz / Low CH / 16QAM

Band5 / 3MHz / Mid CH / QPSK



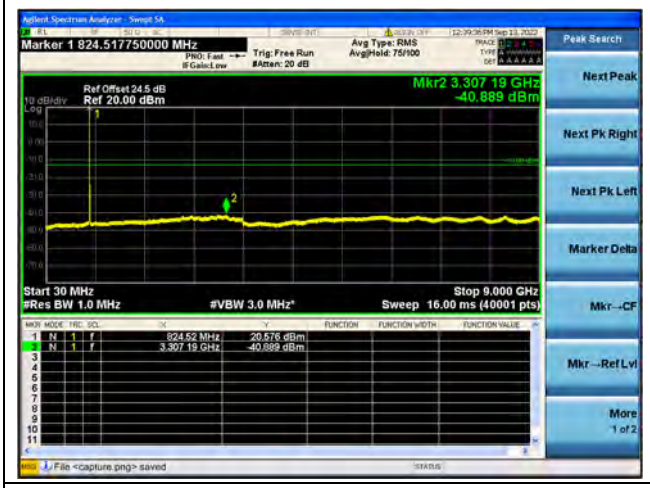
Band5 / 3MHz / Mid CH / 16QAM

Band5 / 3MHz / High CH / QPSK



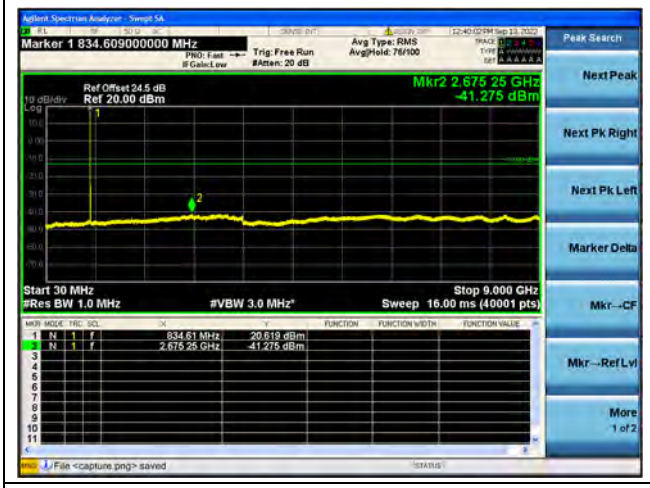
Band5 / 3MHz / High CH / 16QAM

Band5 / 5MHz / Low CH / QPSK



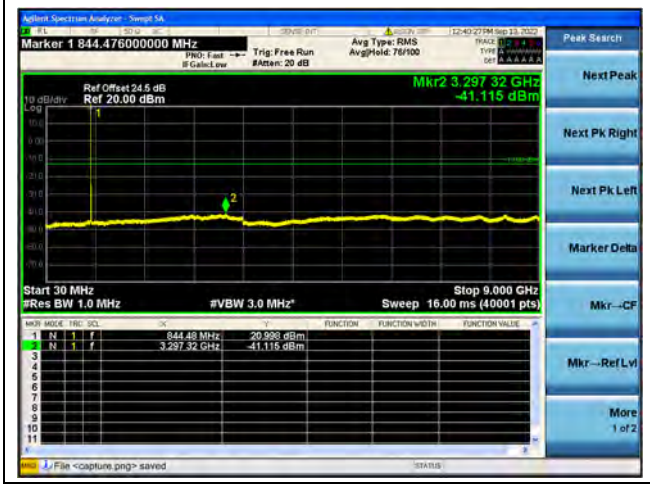
Band5 / 5MHz / Low CH / 16QAM

Band5 / 5MHz / Mid CH / QPSK



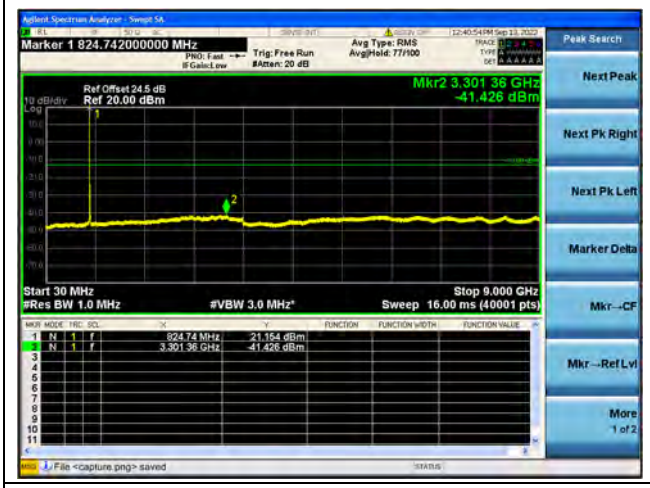
Band5 / 5MHz / Mid CH / 16QAM

Band5 / 5MHz / High CH / QPSK



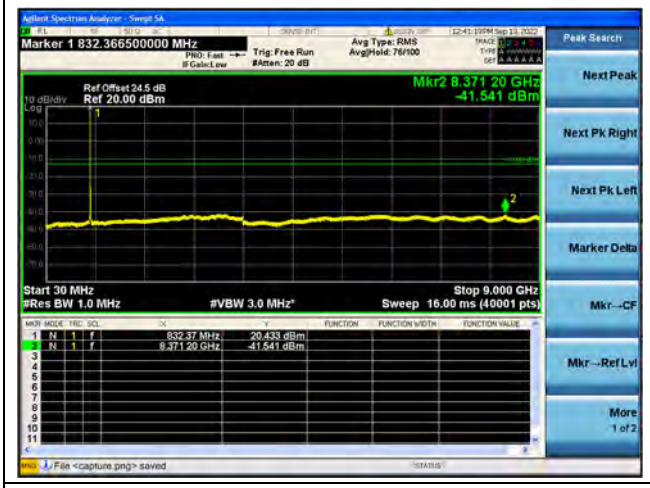
Band5 / 5MHz / High CH / 16QAM

Band5 / 10MHz / Low CH / QPSK



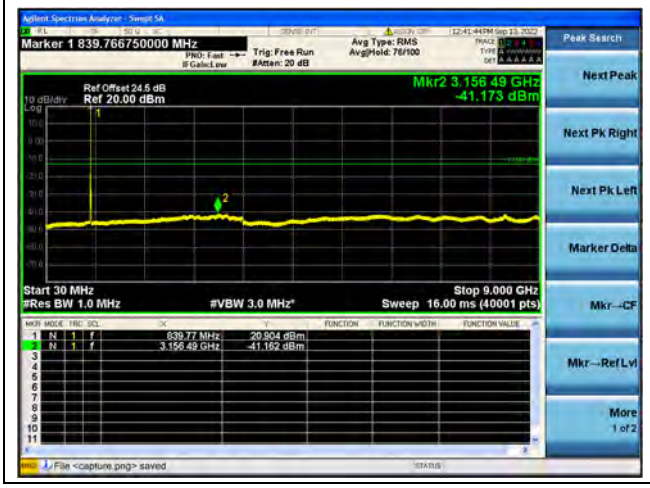
Band5 / 10MHz / Low CH / 16QAM

Band5 / 10MHz / Mid CH / QPSK



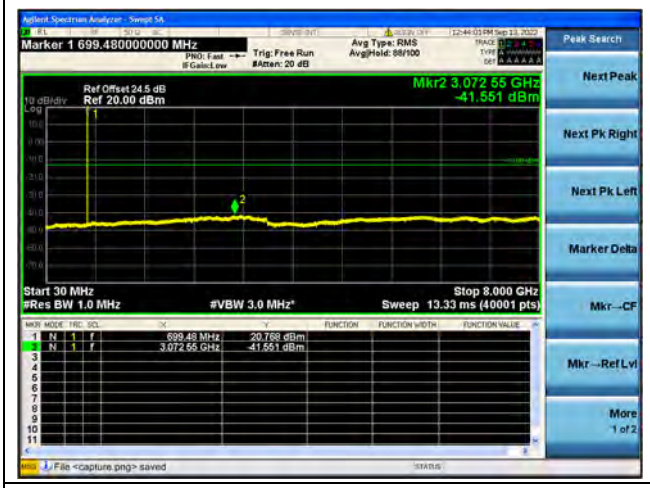
Band5 / 10MHz / Mid CH / 16QAM

Band5 / 10MHz / High CH / QPSK



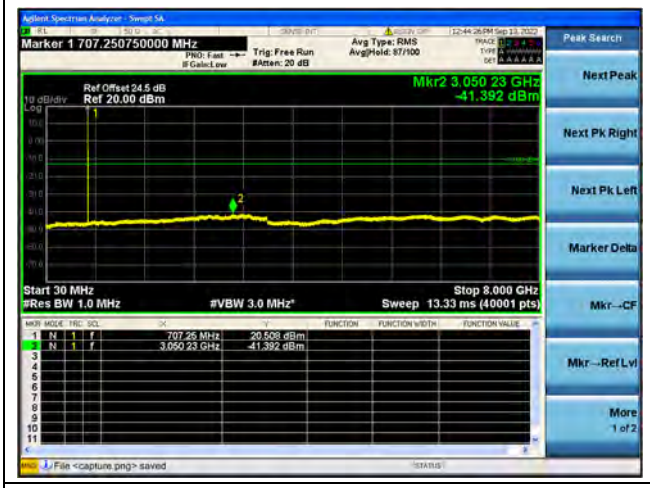
Band5 / 10MHz / High CH / 16QAM

Band12 / 1.4MHz / Low CH / QPSK



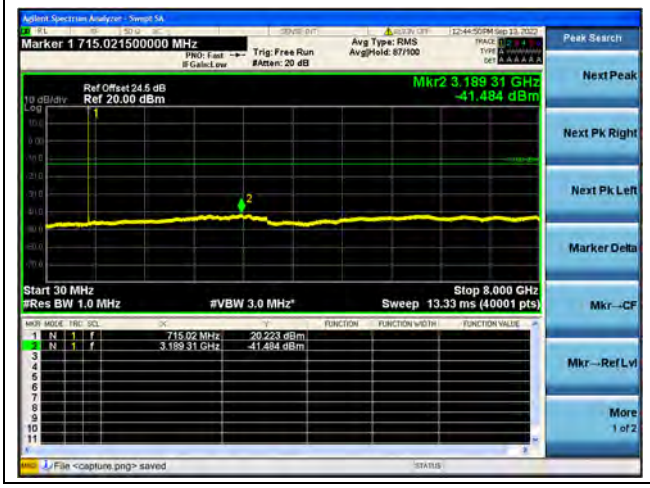
Band12 / 1.4MHz / Low CH / 16QAM

Band12 / 1.4MHz / Mid CH / QPSK



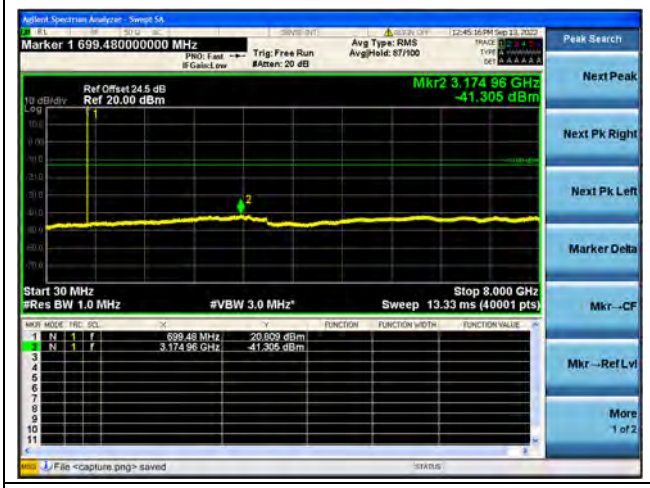
Band12 / 1.4MHz / Mid CH / 16QAM

Band12 / 1.4MHz / High CH / QPSK



Band12 / 1.4MHz / High CH / 16QAM

Band12 / 3MHz / Low CH / QPSK

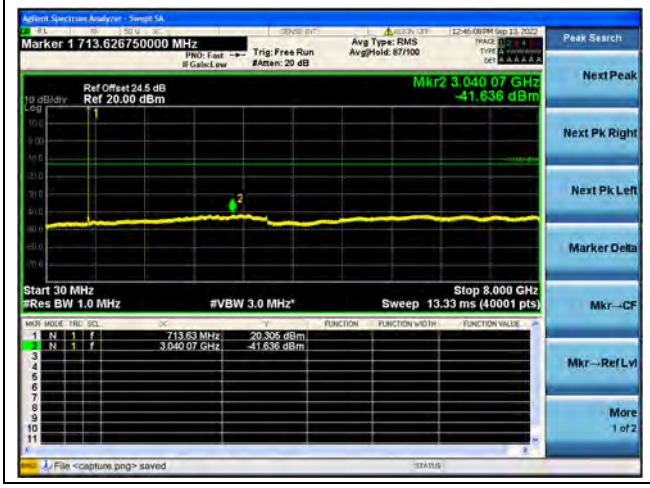


Band12 / 3MHz / Low CH / 16QAM

Band12 / 3MHz / Mid CH / QPSK

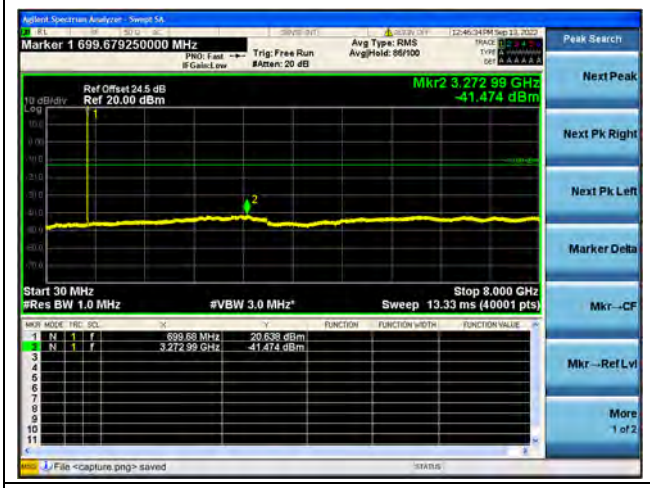
Band12 / 3MHz / Mid CH / 16QAM

Band12 / 3MHz / High CH / QPSK



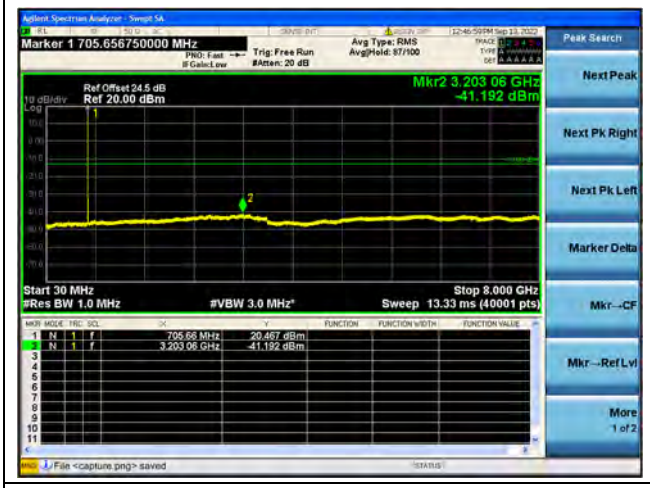
Band12 / 3MHz / High CH / 16QAM

Band12 / 5MHz / Low CH / QPSK



Band12 / 5MHz / Low CH / 16QAM

Band12 / 5MHz / Mid CH / QPSK

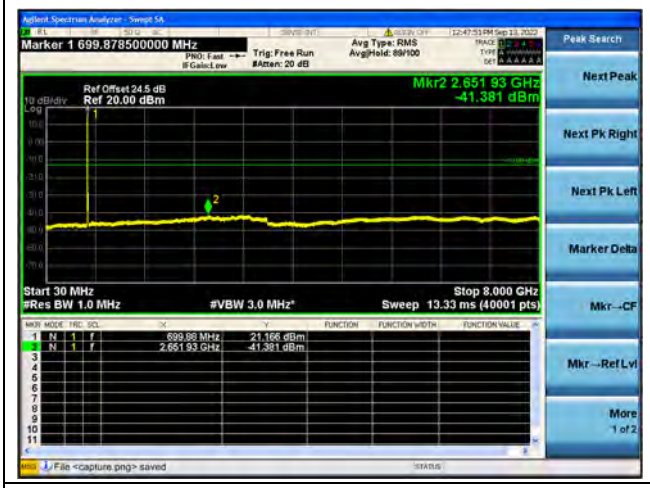


Band12 / 5MHz / Mid CH / 16QAM

Band12 / 5MHz / High CH / QPSK

Band12 / 5MHz / High CH / 16QAM

Band12 / 10MHz / Low CH / QPSK



Band12 / 10MHz / Low CH / 16QAM

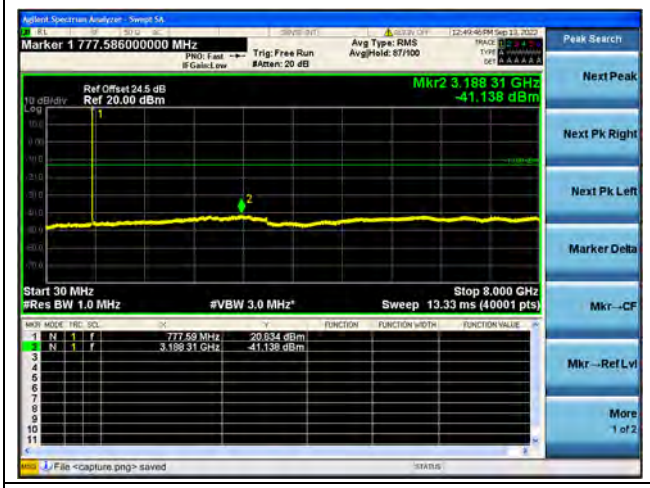
Band12 / 10MHz / Mid CH / QPSK

Band12 / 10MHz / Mid CH / 16QAM

Band12 / 10MHz / High CH / QPSK

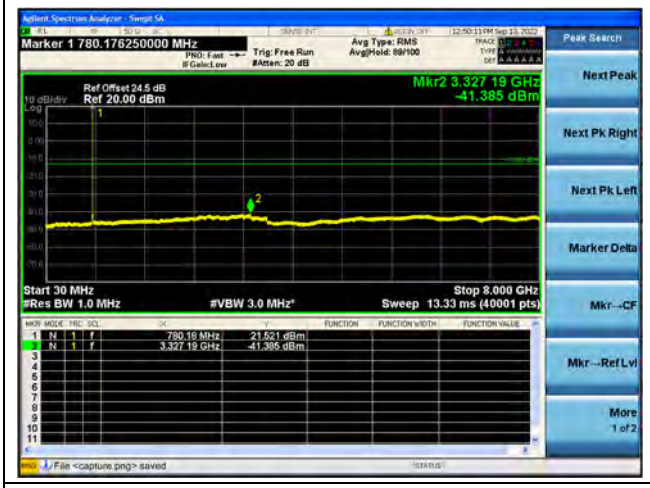
Band12 / 10MHz / High CH / 16QAM

Band13 / 5MHz / Low CH / QPSK



Band13 / 5MHz / Low CH / 16QAM

Band13 / 5MHz / Mid CH / QPSK



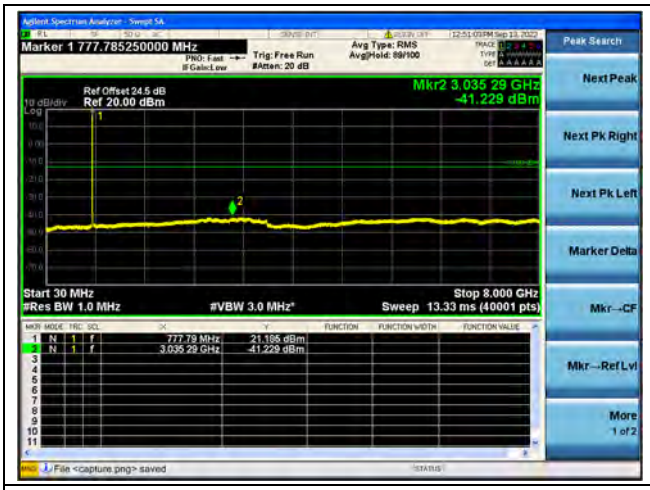
Band13 / 5MHz / Mid CH / 16QAM

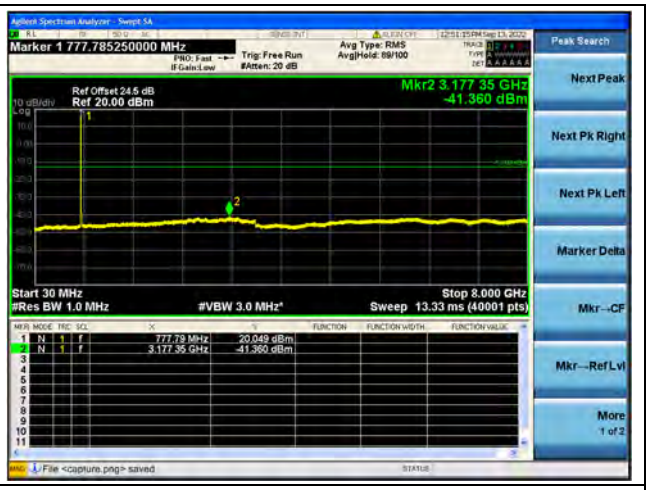
Band13 / 5MHz / High CH / QPSK

Band13 / 5MHz / High CH / 16QAM

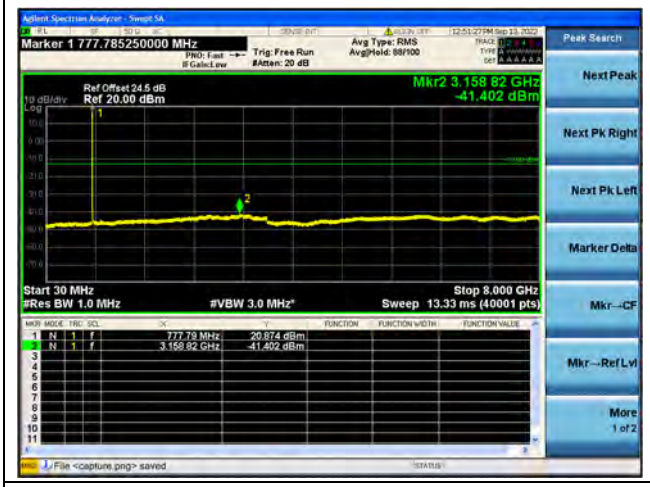
Band13 / 10MHz / Low CH / QPSK

Band13 / 10MHz / Low CH / 16QAM



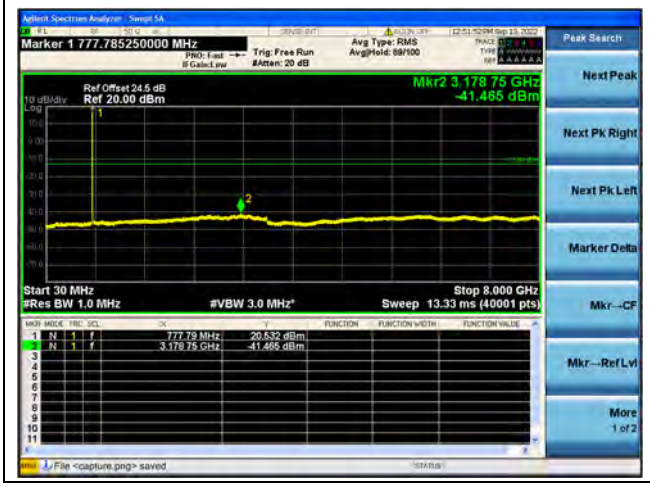


Band13 / 10MHz / Mid CH / QPSK



Band13 / 10MHz / Mid CH / 16QAM

Band13 / 10MHz / High CH / QPSK



Band13 / 10MHz / High CH / 16QAM