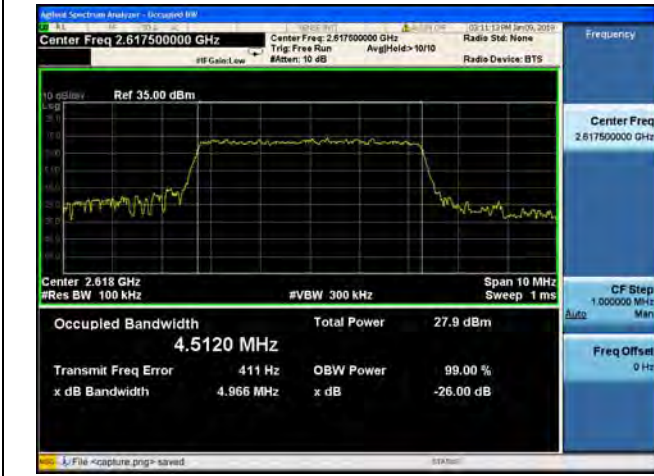
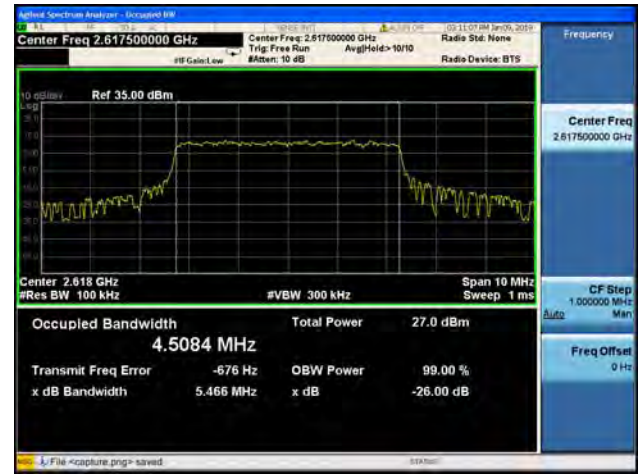




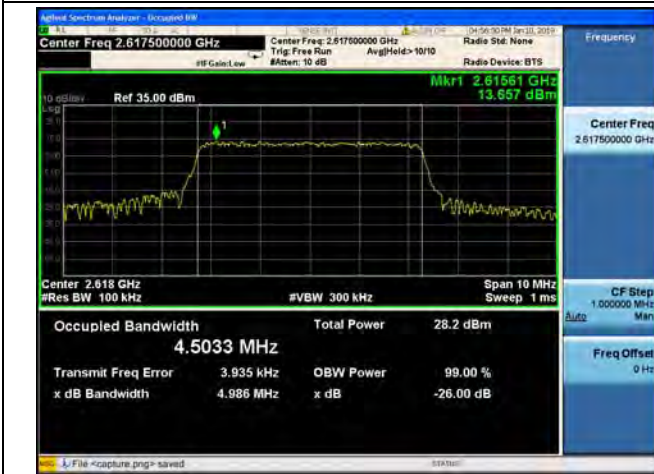
5MHz / QPSK / HCH



5MHz / 16QAM / HCH



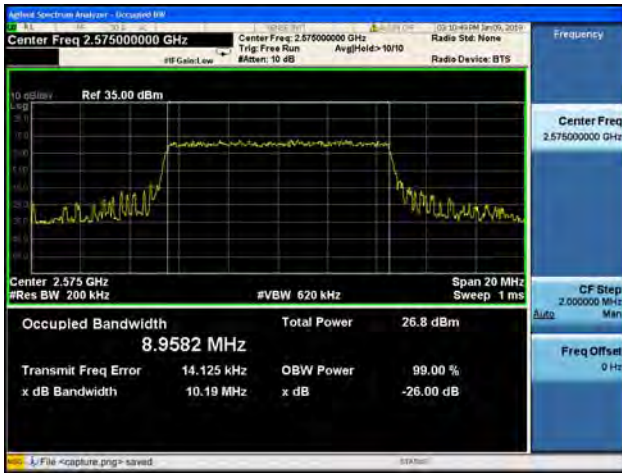
5MHz / 64QAM / HCH



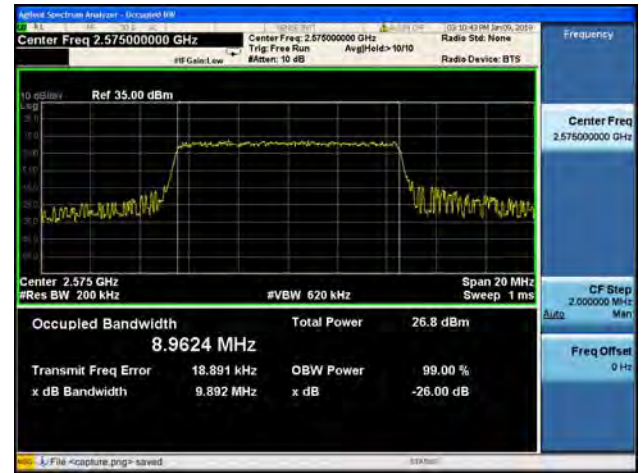


LTE Band 38 99% & 26dB Bandwidth

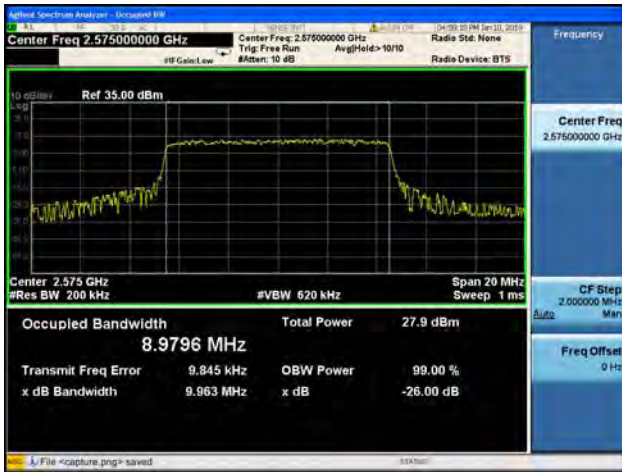
10MHz / QPSK / LCH



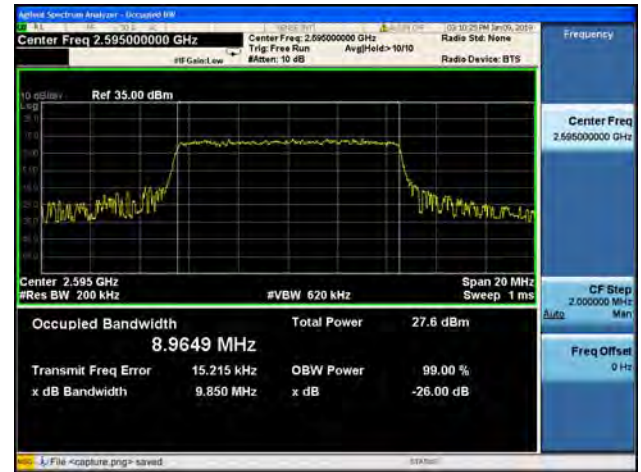
10MHz /16QAM / LCH



10MHz / 64QAM / LCH



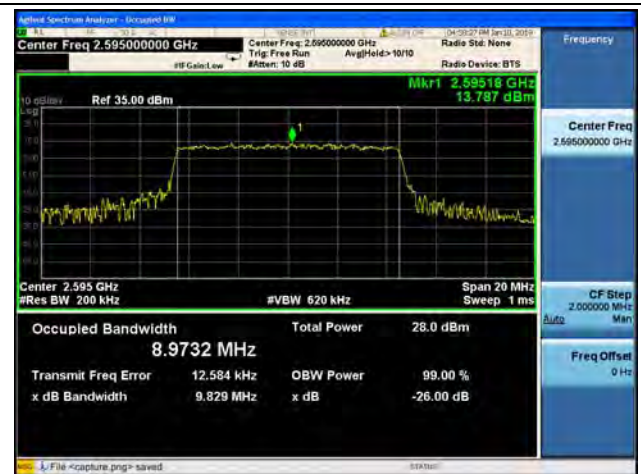
10MHz /QPSK / MCH



10MHz / 16QAM / MCH

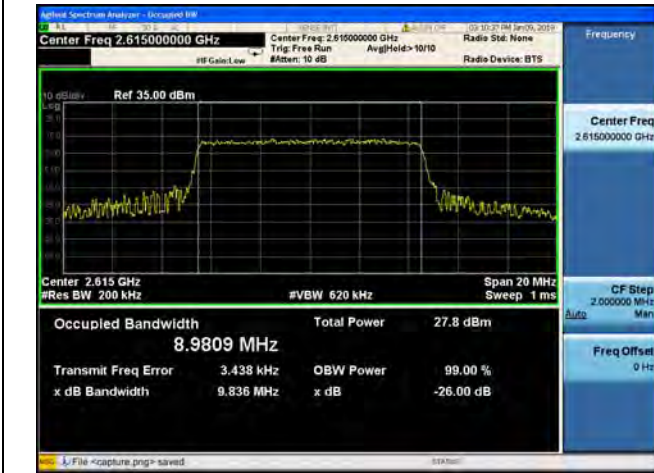


10MHz / 64QAM / MCH

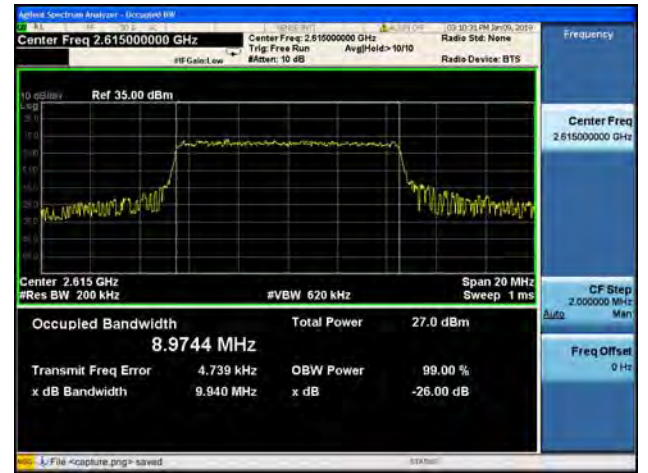




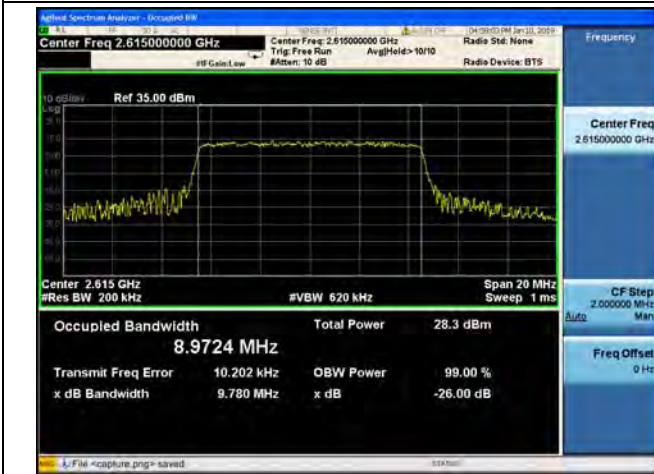
10MHz / QPSK / HCH



10MHz / 16QAM / HCH



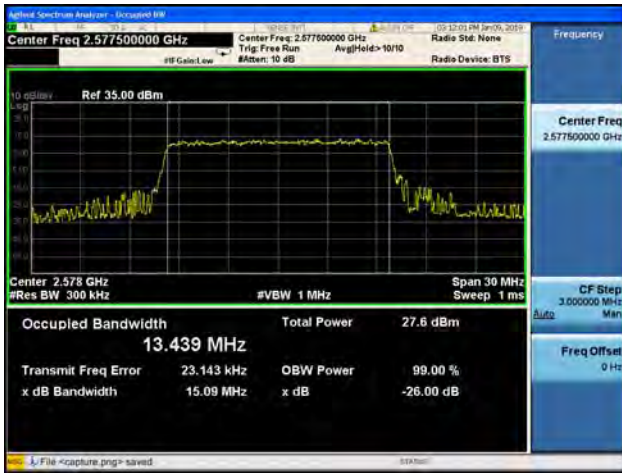
10MHz / 64QAM / HCH



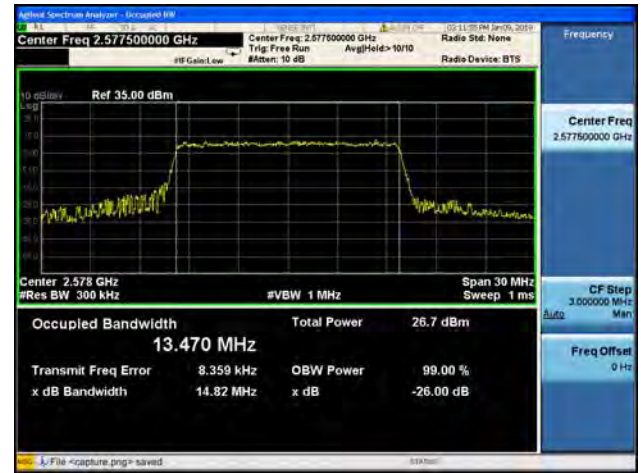


LTE Band 38 99% & 26dB Bandwidth

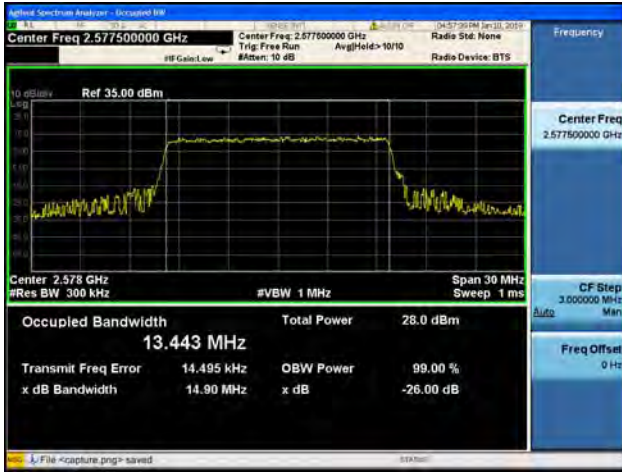
15MHz / QPSK / LCH



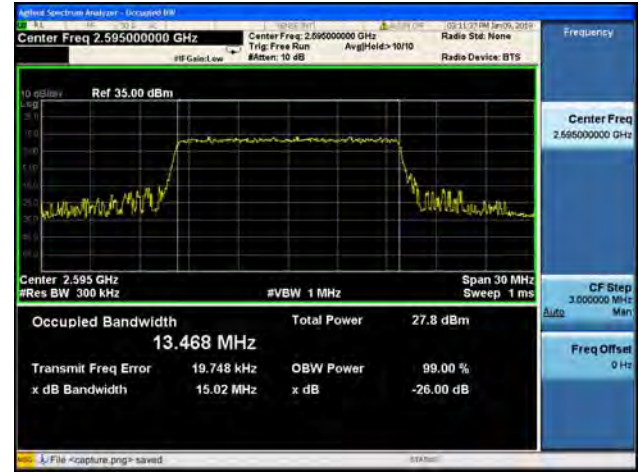
15MHz /16QAM / LCH



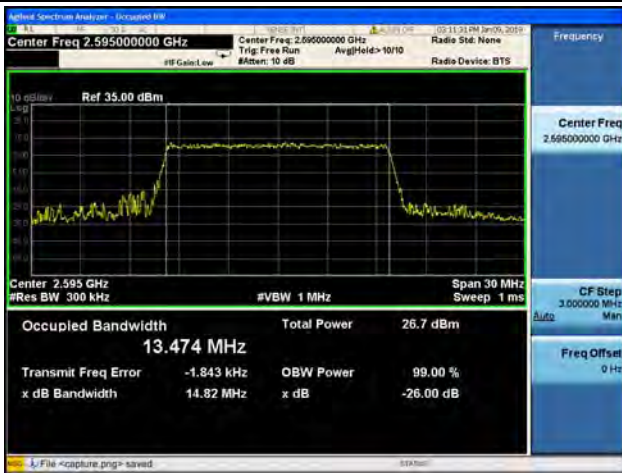
15MHz / 64QAM / LCH



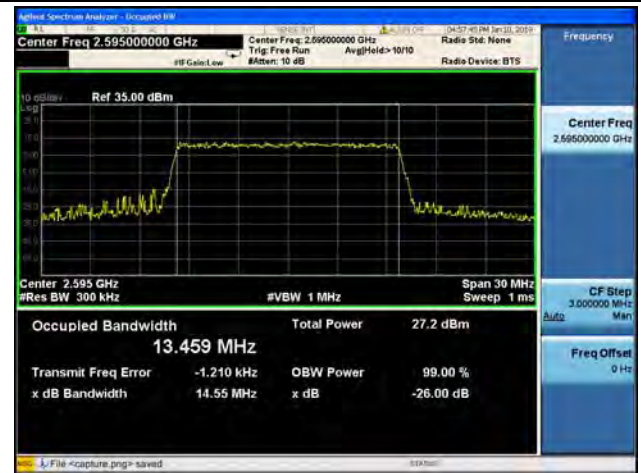
15MHz /QPSK / MCH



15MHz / 16QAM / MCH

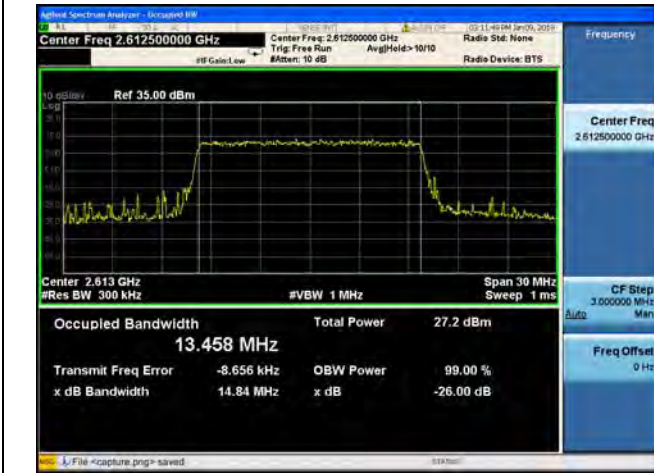


15MHz / 64QAM / MCH

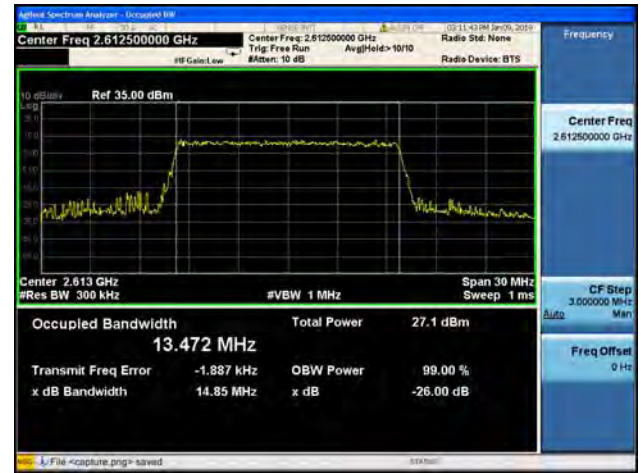




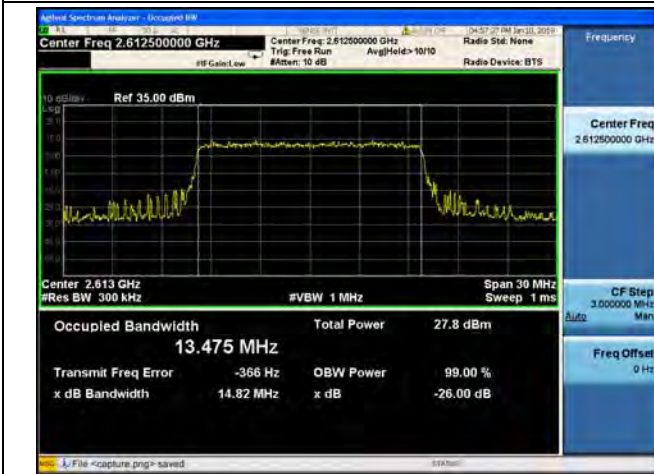
15MHz / QPSK / HCH



15MHz / 16QAM / HCH



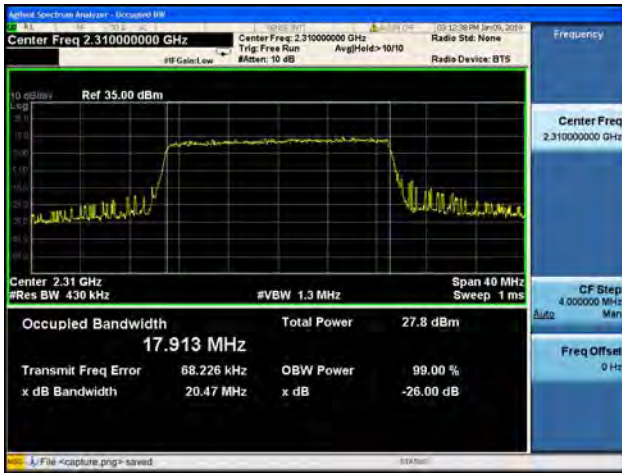
15MHz / 64QAM / HCH



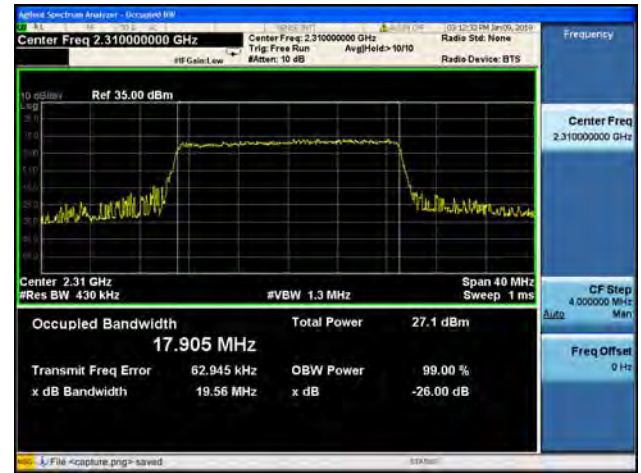


LTE Band 38 99% & 26dB Bandwidth

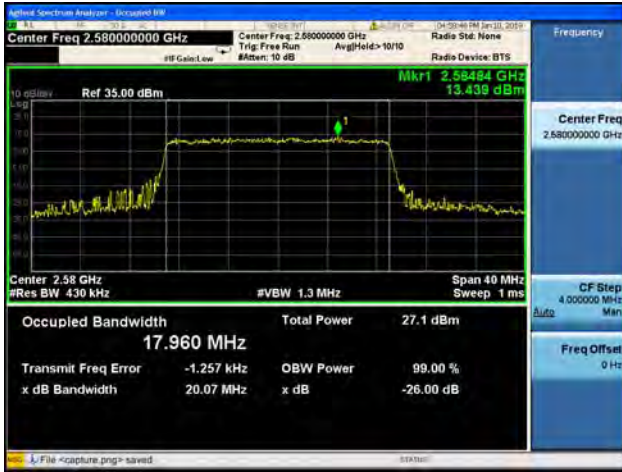
20MHz / QPSK / LCH



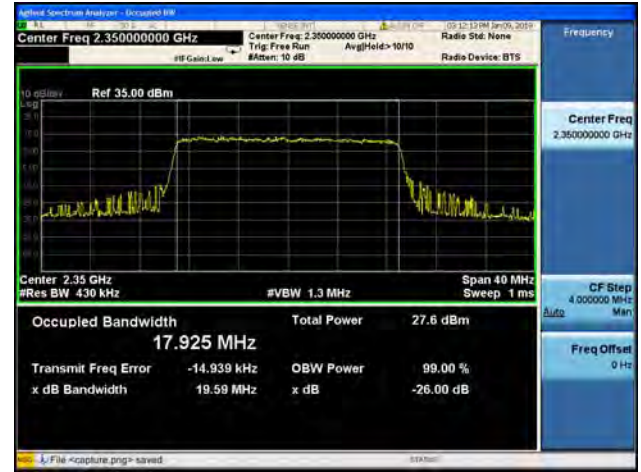
20MHz / 16QAM / LCH



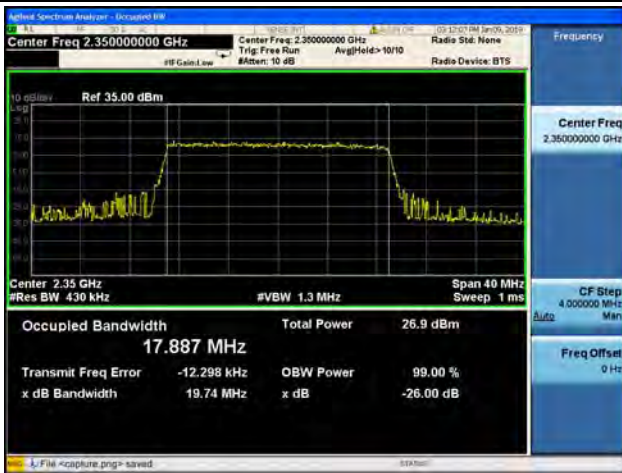
20MHz / 64QAM / LCH



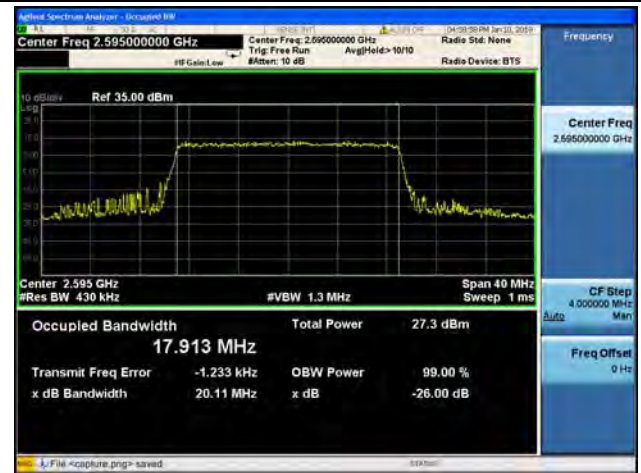
20MHz / QPSK / MCH



20MHz / 16QAM / MCH

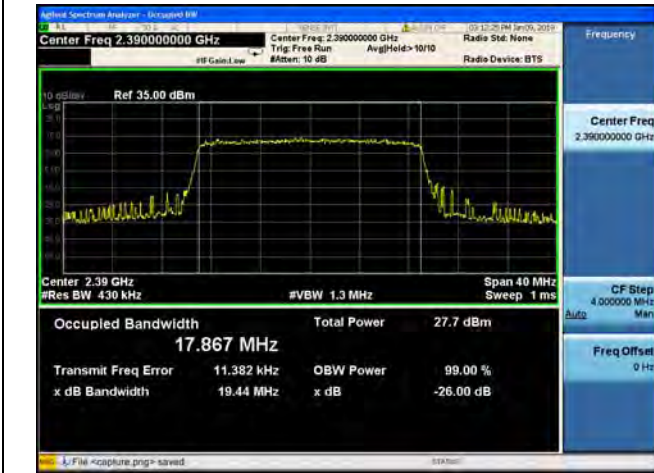


20MHz / 64QAM / MCH

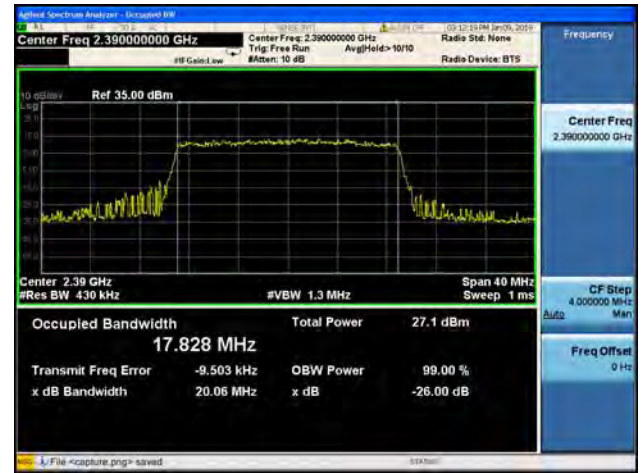




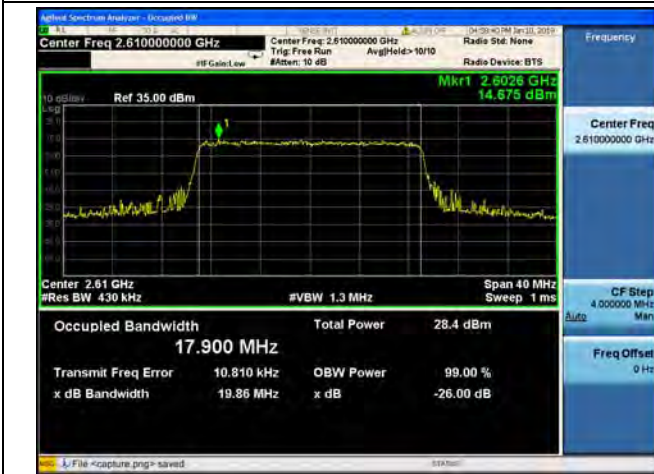
20MHz / QPSK / HCH



20MHz / 16QAM / HCH



20MHz / 64QAM / HCH



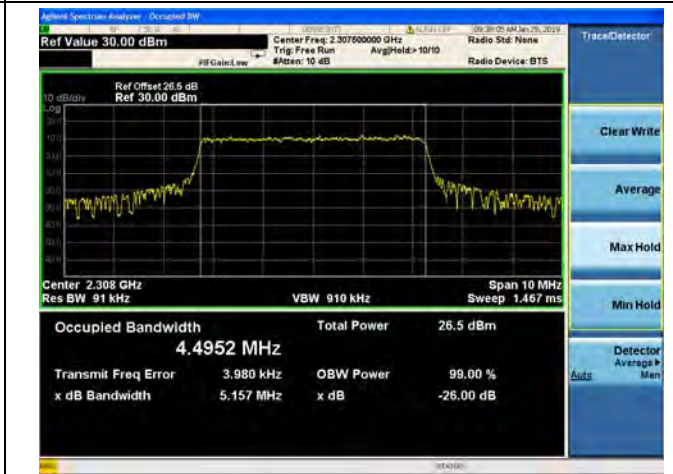


LTE Band 40 Block A 99% & 26dB Bandwidth

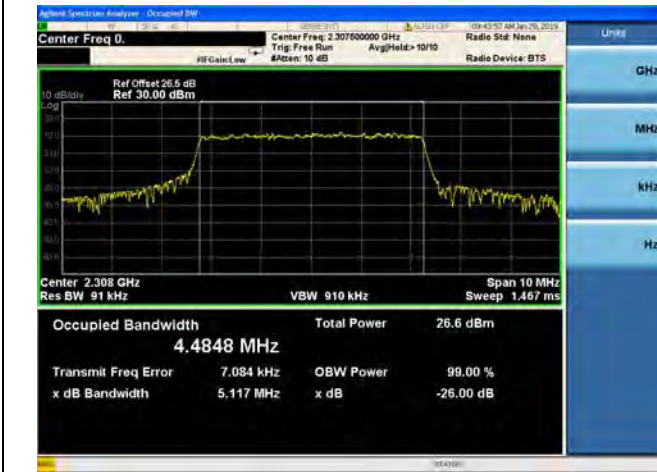
5MHz / QPSK / LCH



5MHz /16QAM / LCH



5MHz / 64QAM / LCH



5MHz /QPSK / MCH



5MHz / 16QAM / MCH

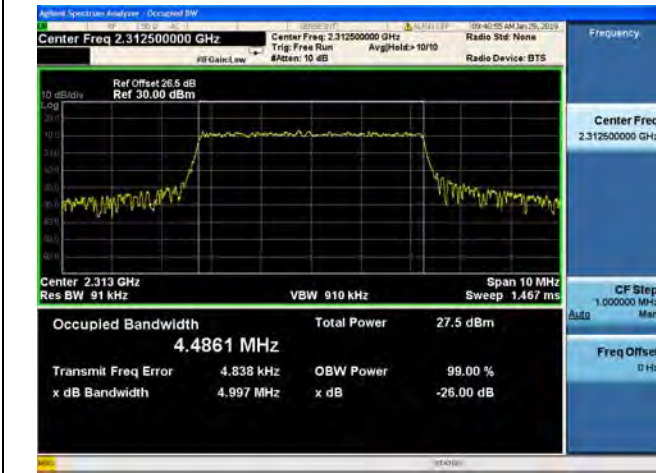


5MHz / 64QAM / MCH





5MHz / QPSK / HCH



5MHz / 16QAM / HCH



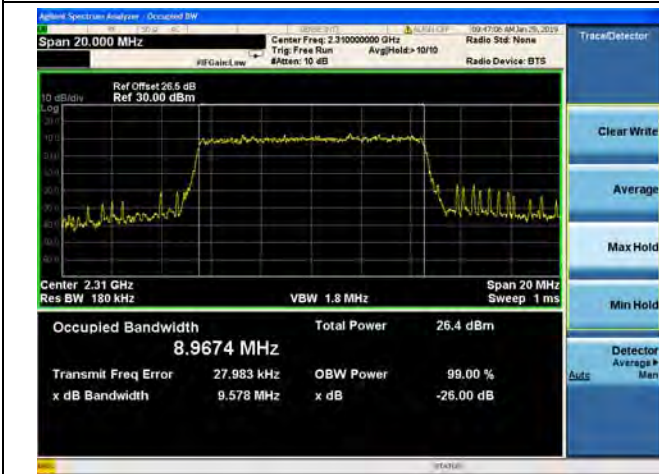
5MHz / 64QAM / HCH



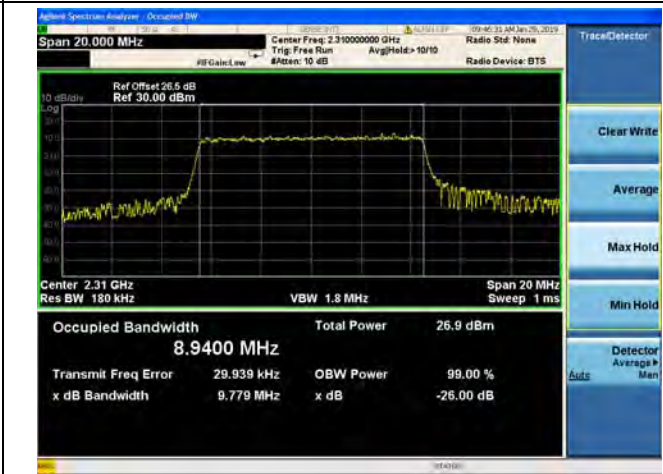


LTE Band 40 Block A 99% & 26dB Bandwidth

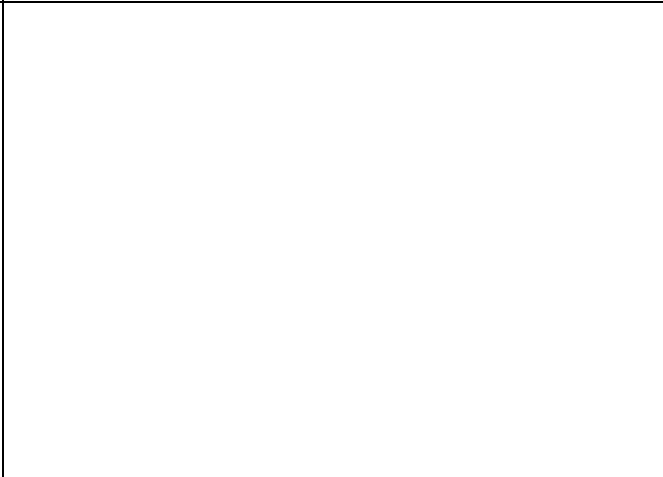
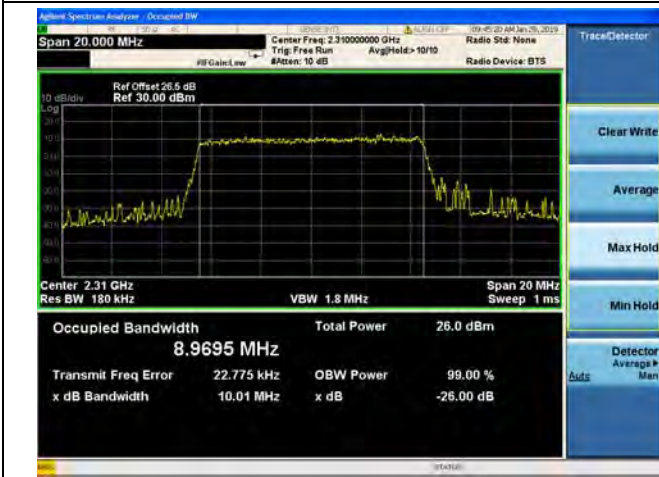
10MHz /QPSK / MCH



10MHz / 16QAM / MCH



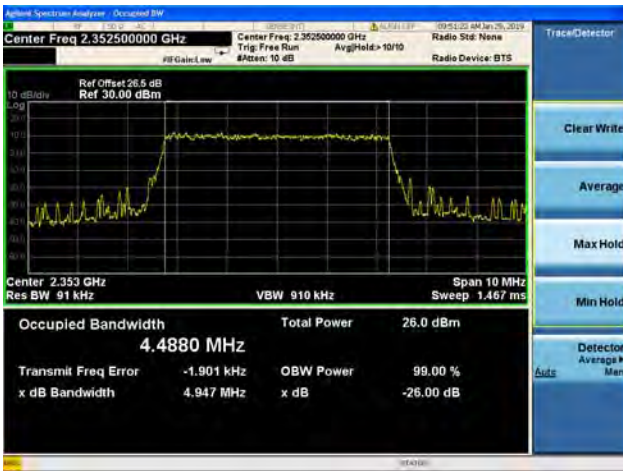
10MHz / 64QAM / MCH



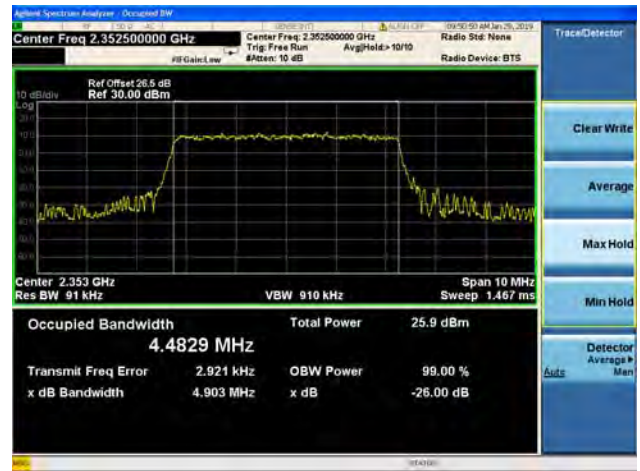


LTE Band 40 Block B 99% & 26dB Bandwidth

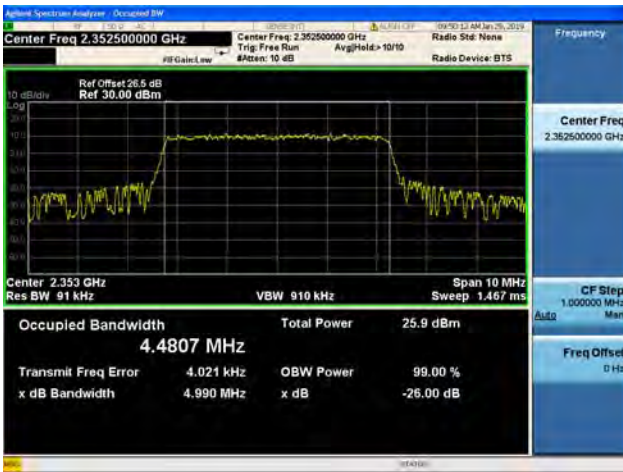
5MHz / QPSK / LCH



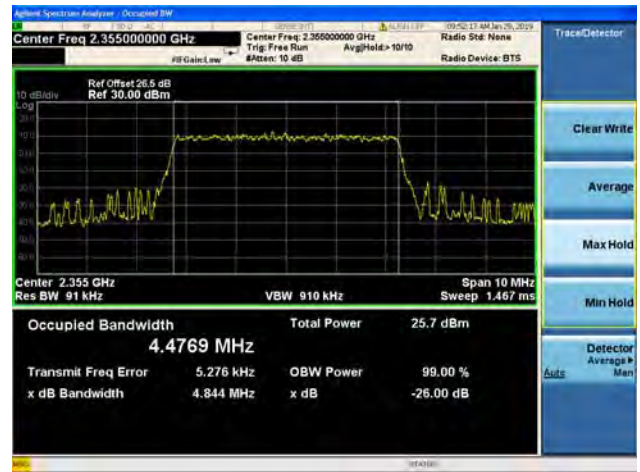
5MHz /16QAM / LCH



5MHz / 64QAM / LCH



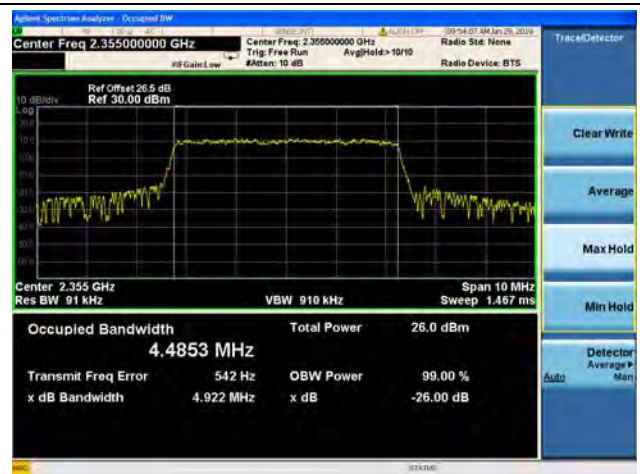
5MHz /QPSK / MCH



5MHz / 16QAM / MCH

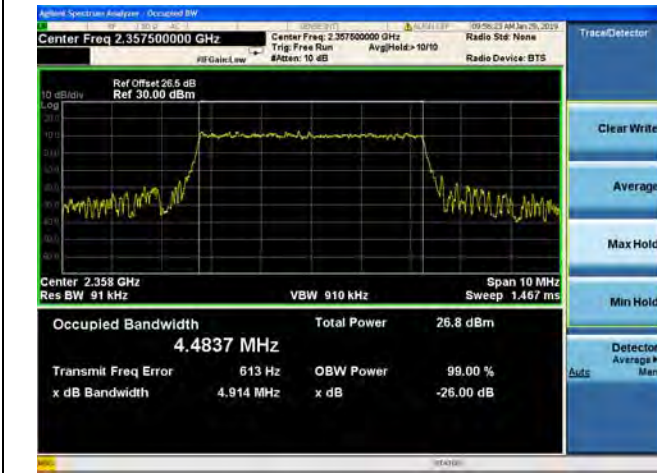


5MHz / 64QAM / MCH

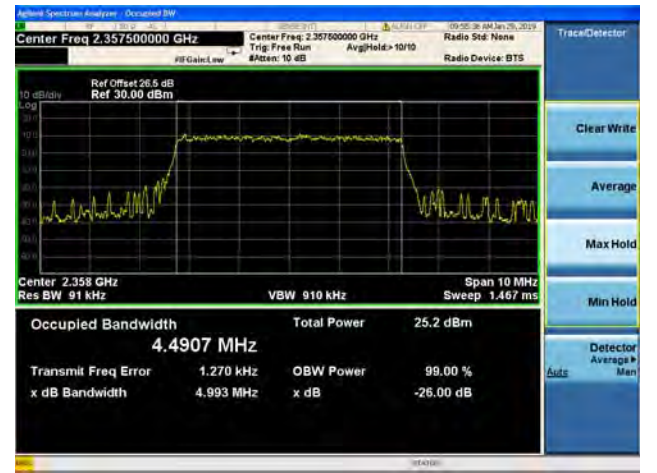




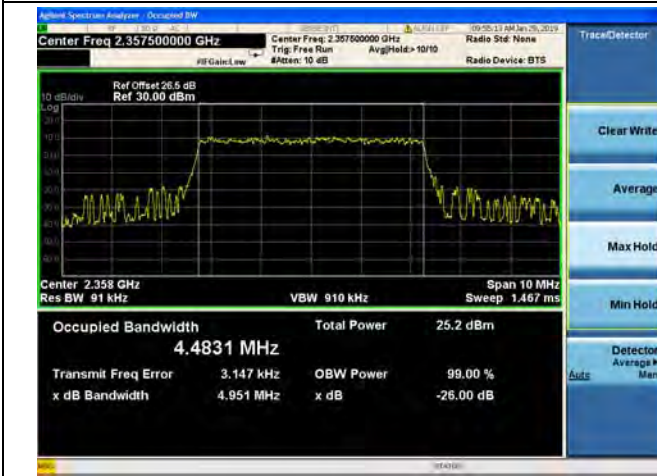
5MHz / QPSK / HCH



5MHz / 16QAM / HCH



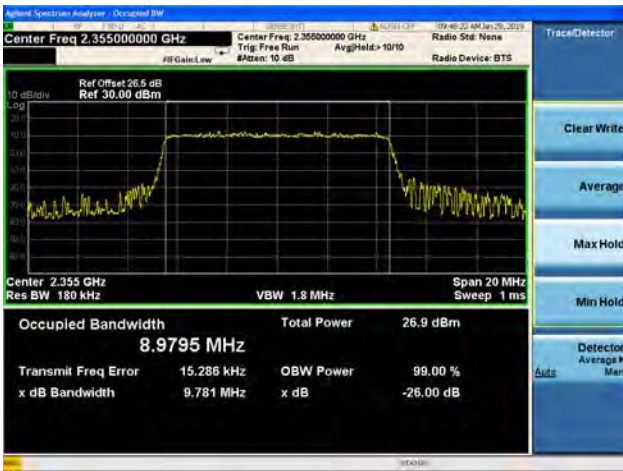
5MHz / 64QAM / HCH



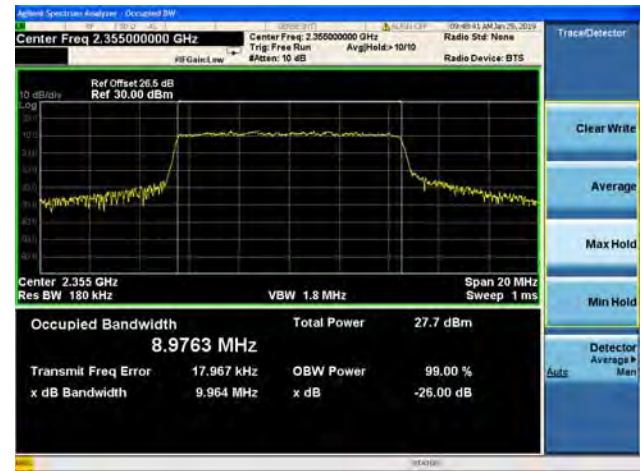


LTE Band 40 Block B 99% & 26dB Bandwidth

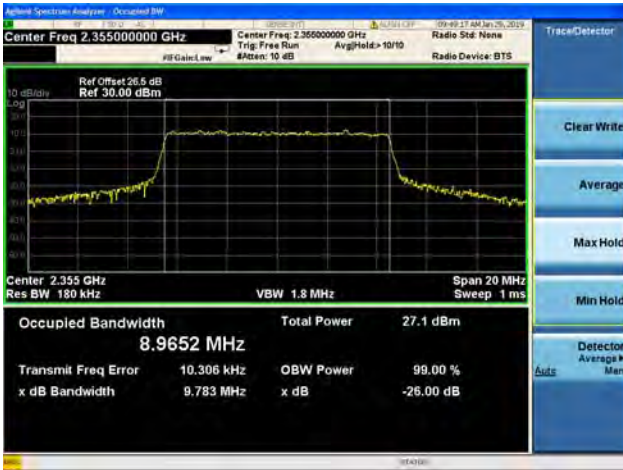
10MHz /QPSK / MCH



10MHz / 16QAM / MCH



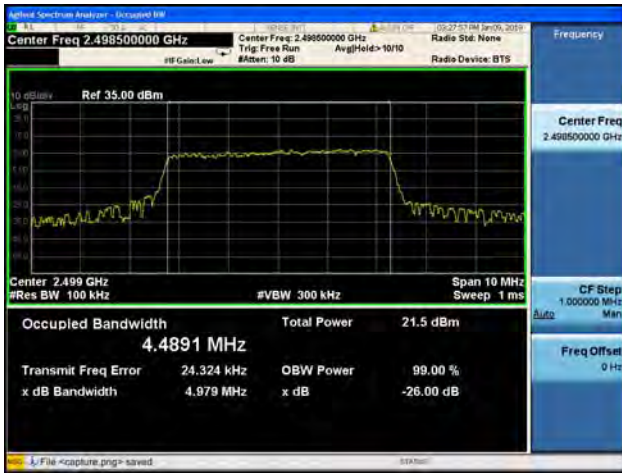
10MHz / 64QAM / MCH



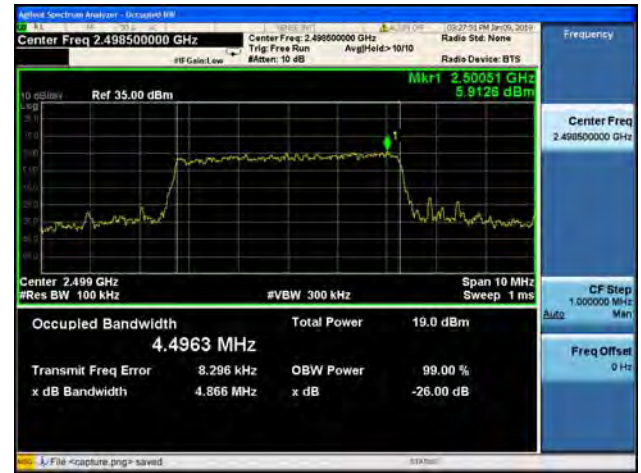


LTE Band 41 99% & 26dB Bandwidth

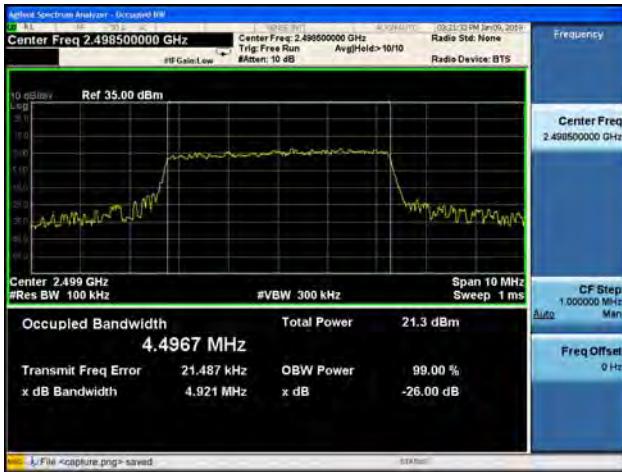
5MHz / QPSK / LCH



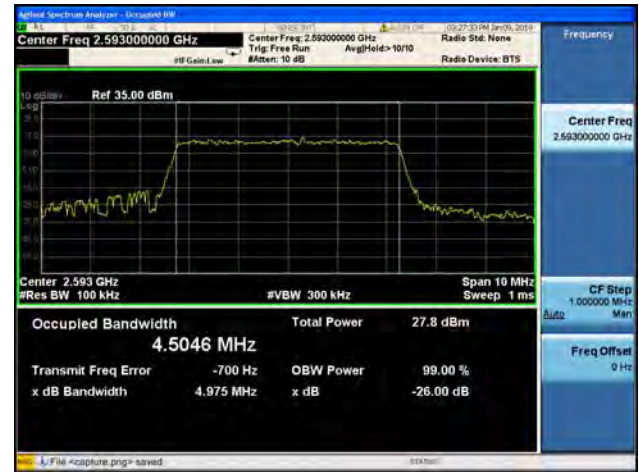
5MHz /16QAM / LCH



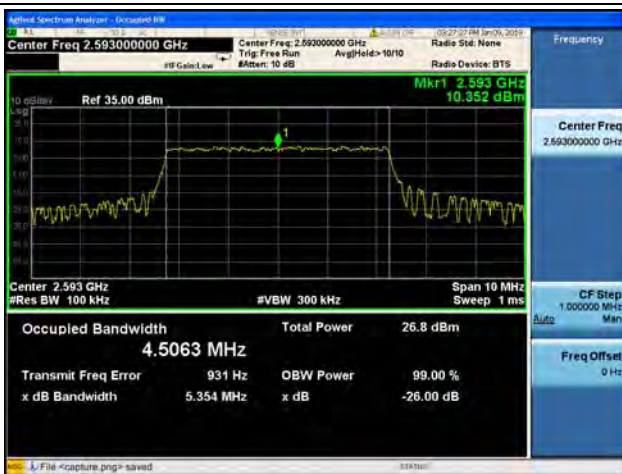
5MHz / 64QAM / LCH



5MHz /QPSK / MCH



5MHz / 16QAM / MCH

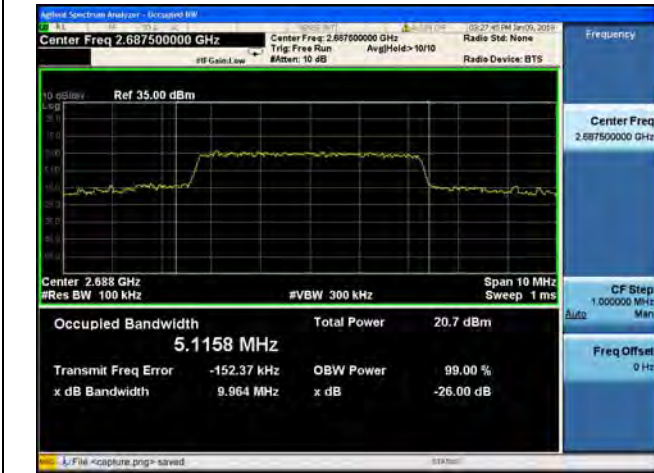


5MHz / 64QAM / MCH

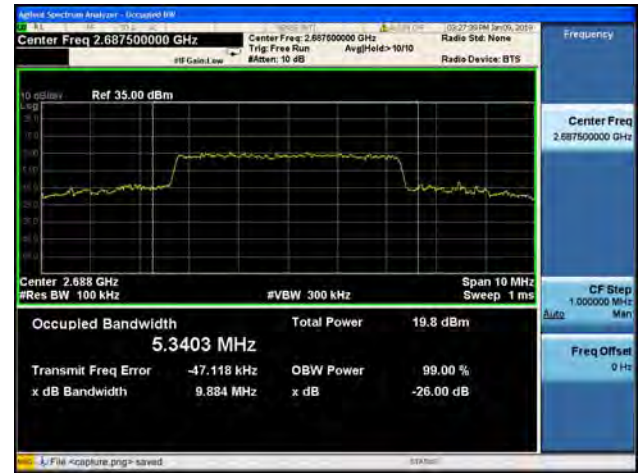




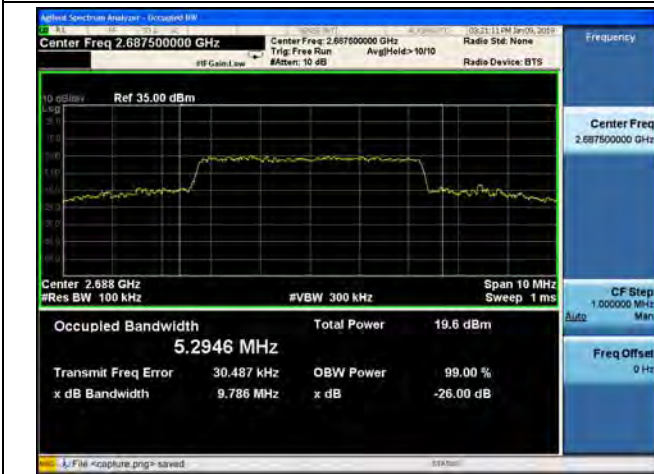
5MHz / QPSK / HCH



5MHz / 16QAM / HCH



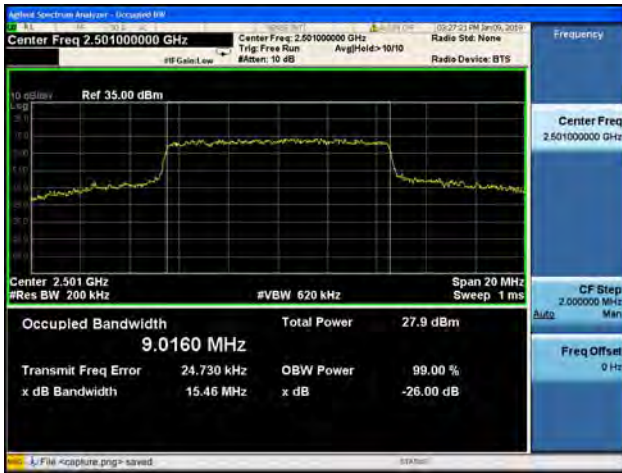
5MHz / 64QAM / HCH





LTE Band 41 99% & 26dB Bandwidth

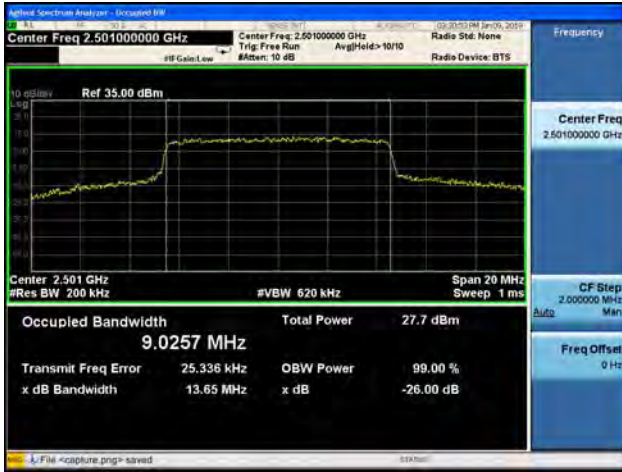
10MHz / QPSK / LCH



10MHz /16QAM / LCH



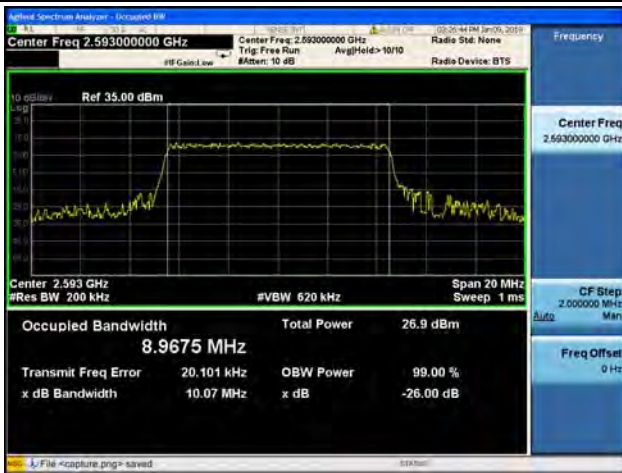
10MHz / 64QAM / LCH



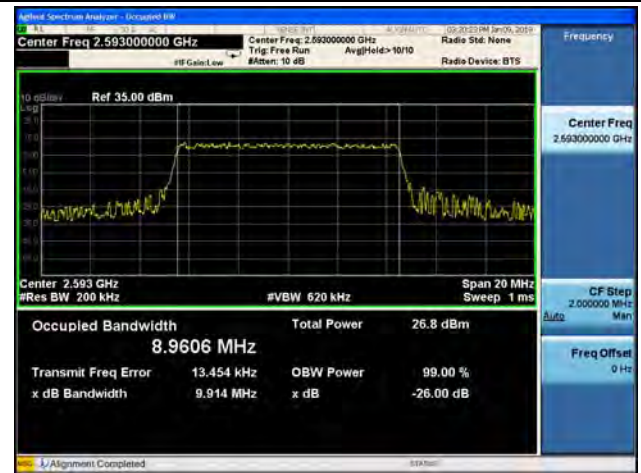
10MHz /QPSK / MCH



10MHz / 16QAM / MCH

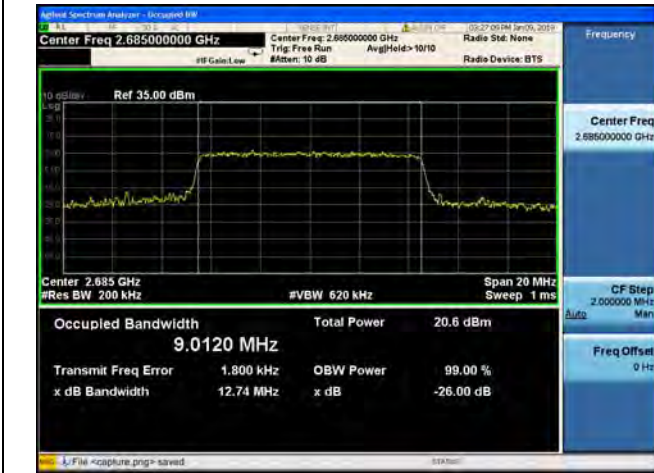


10MHz / 64QAM / MCH

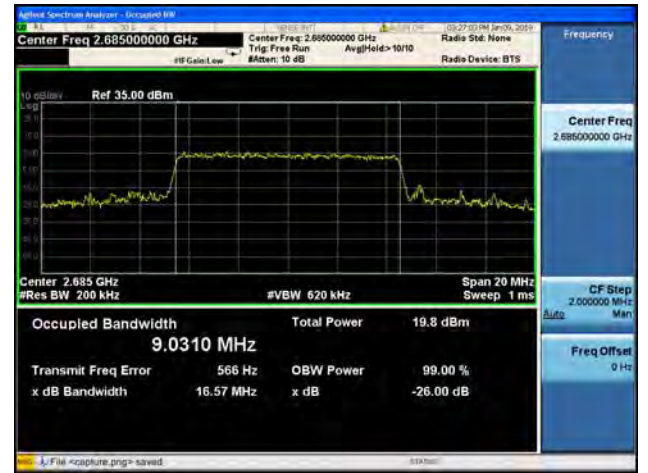




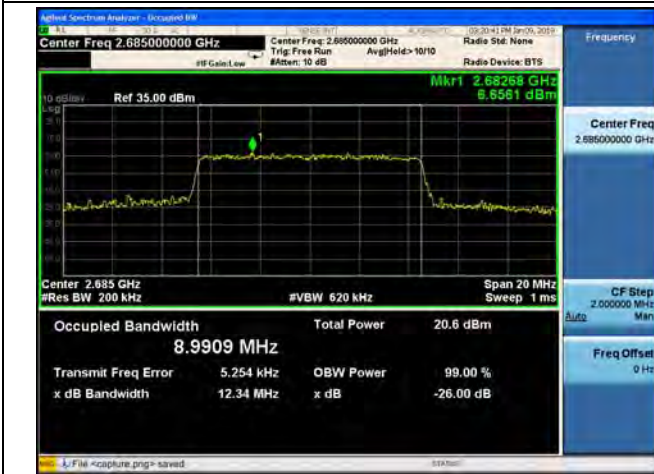
10MHz / QPSK / HCH



10MHz / 16QAM / HCH



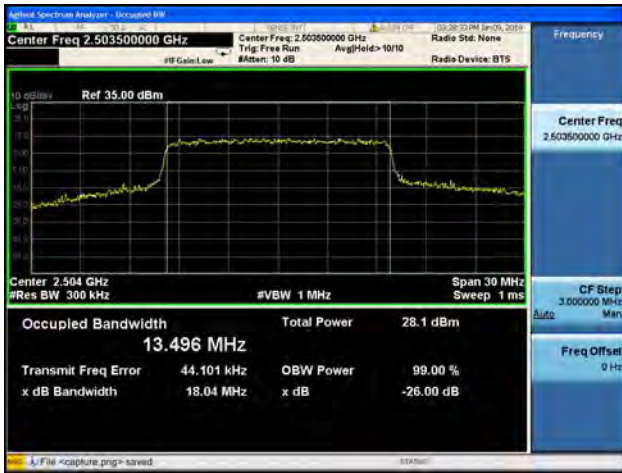
10MHz / 64QAM / HCH



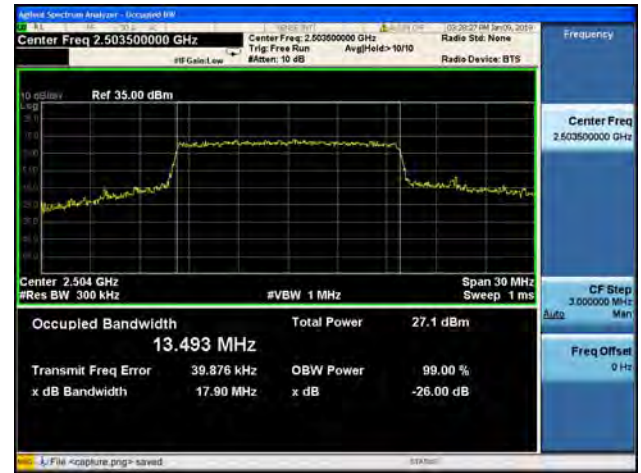


LTE Band 41 99% & 26dB Bandwidth

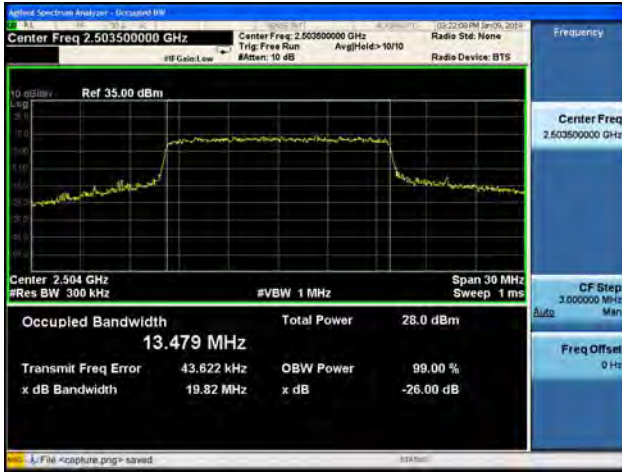
15MHz / QPSK / LCH



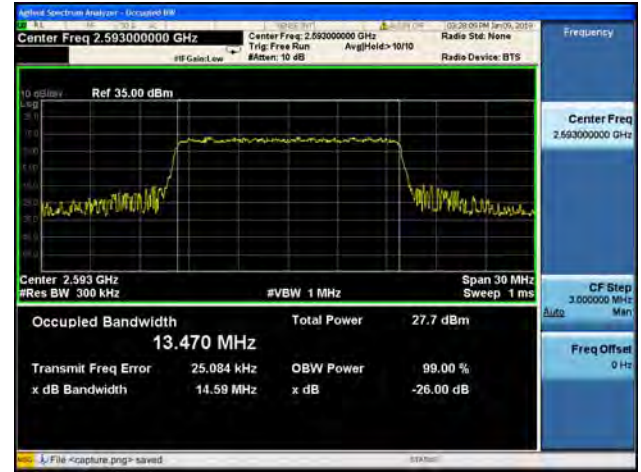
15MHz /16QAM / LCH



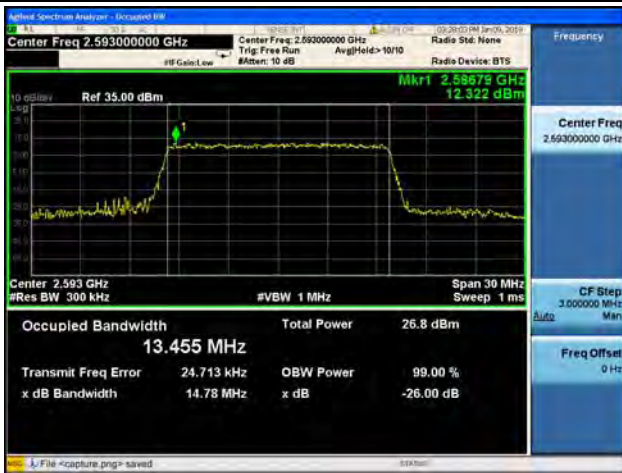
15MHz / 64QAM / LCH



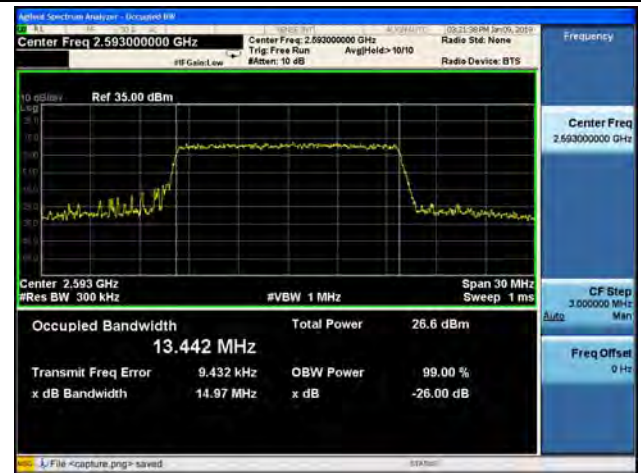
15MHz /QPSK / MCH



15MHz / 16QAM / MCH

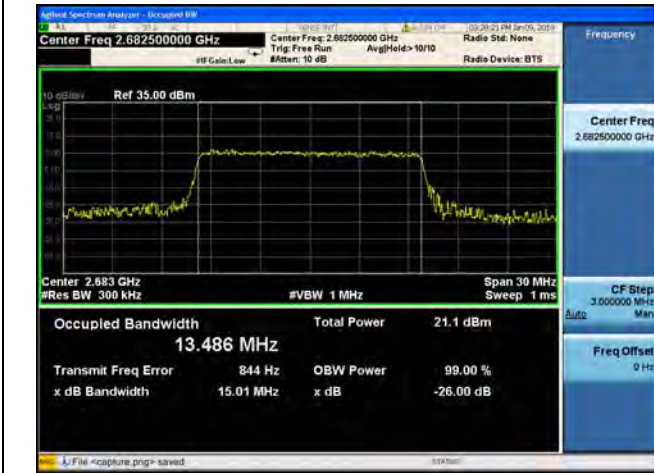


15MHz / 64QAM / MCH

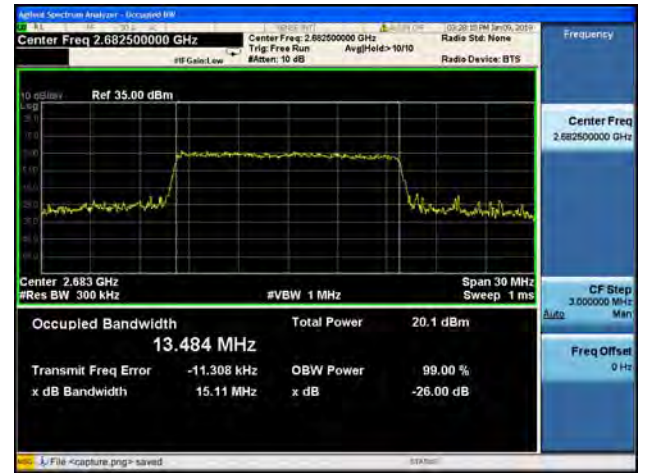




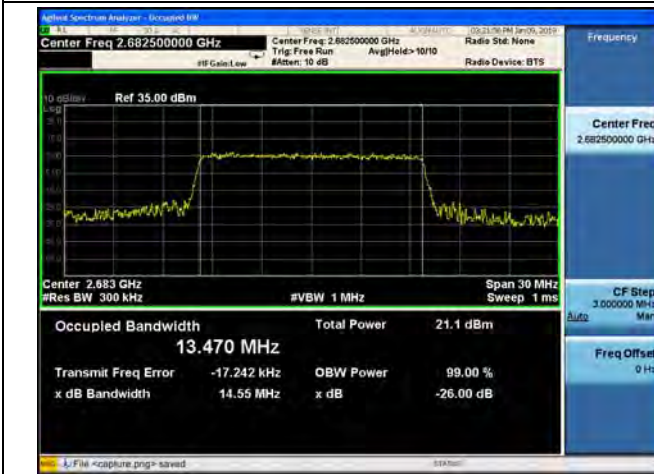
15MHz / QPSK / HCH



15MHz / 16QAM / HCH



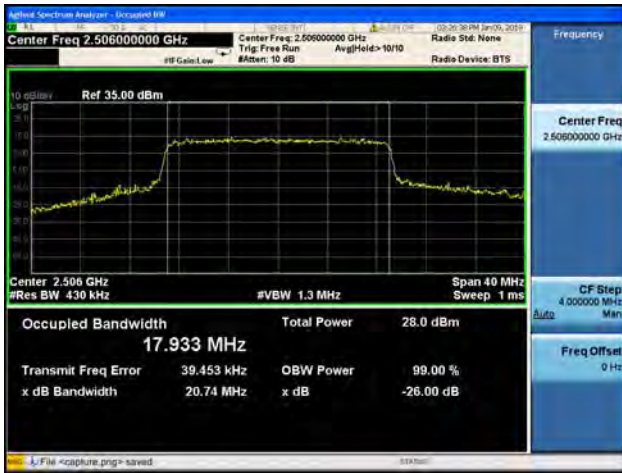
15MHz / 64QAM / HCH



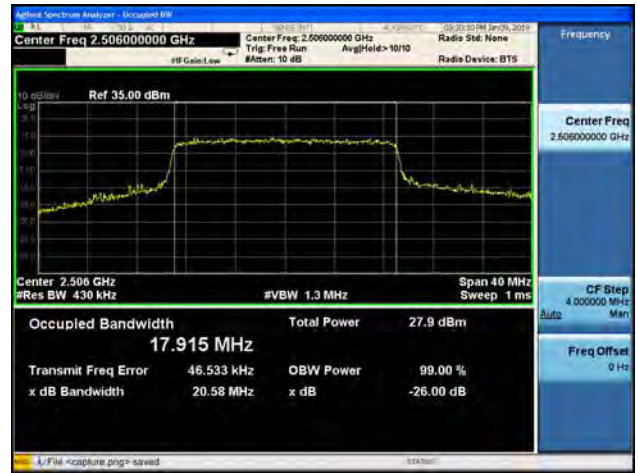


LTE Band 41 99% & 26dB Bandwidth

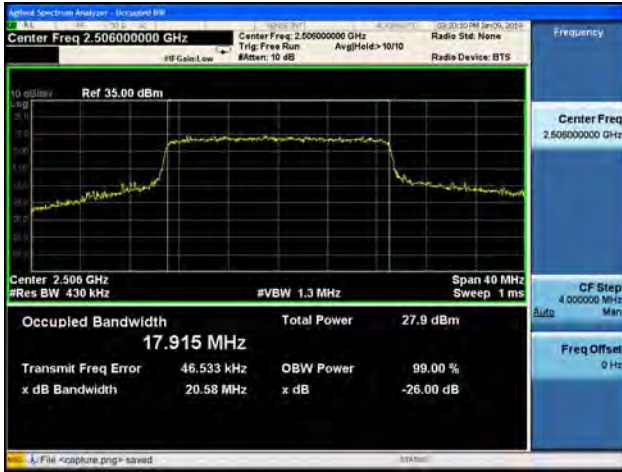
20MHz / QPSK / LCH



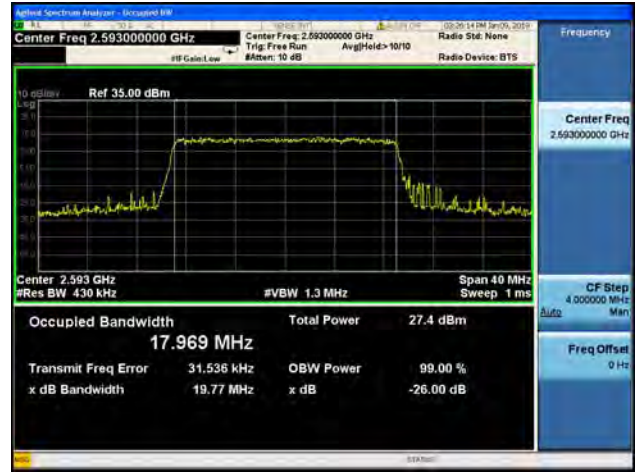
20MHz /16QAM / LCH



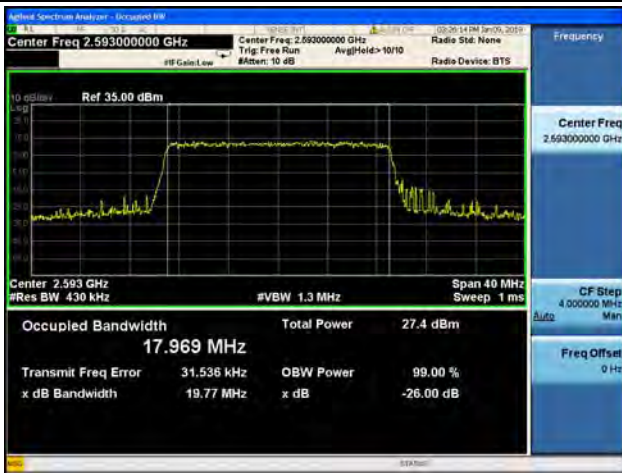
20MHz / 64QAM / LCH



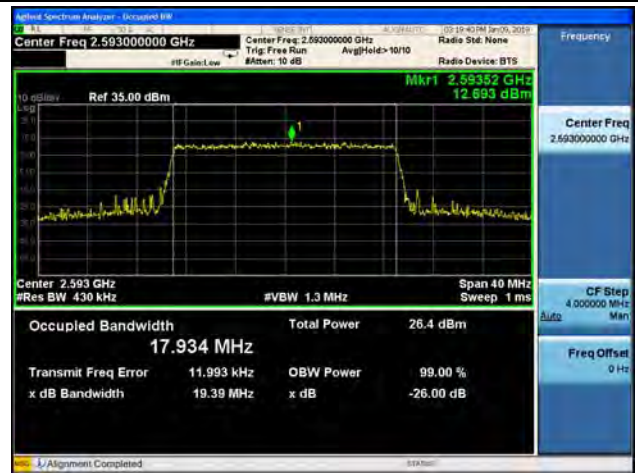
20MHz /QPSK / MCH



20MHz / 16QAM / MCH

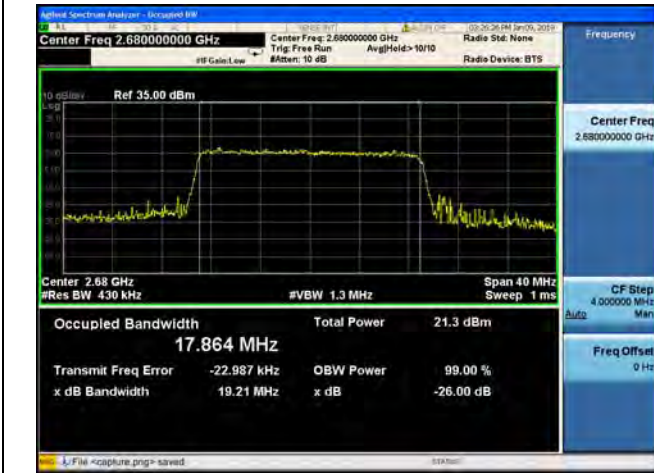


20MHz / 64QAM / MCH

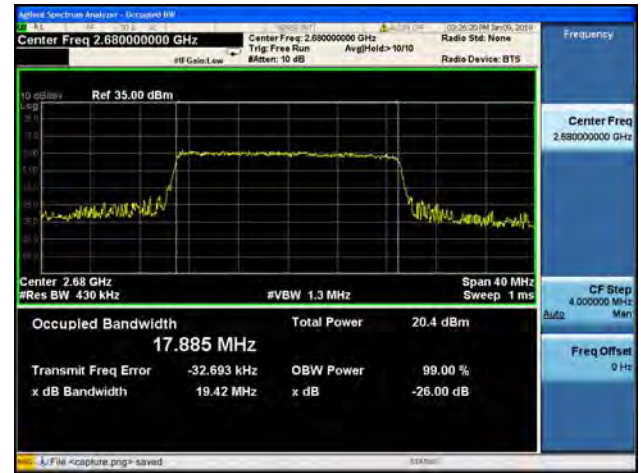




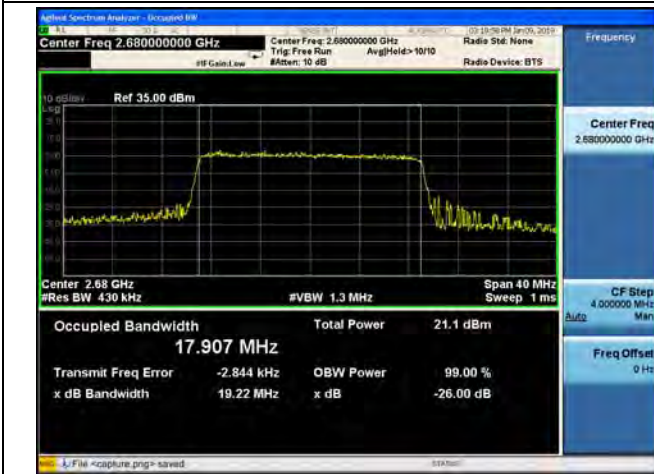
20MHz / QPSK / HCH



20MHz / 16QAM / HCH



20MHz / 64QAM / HCH



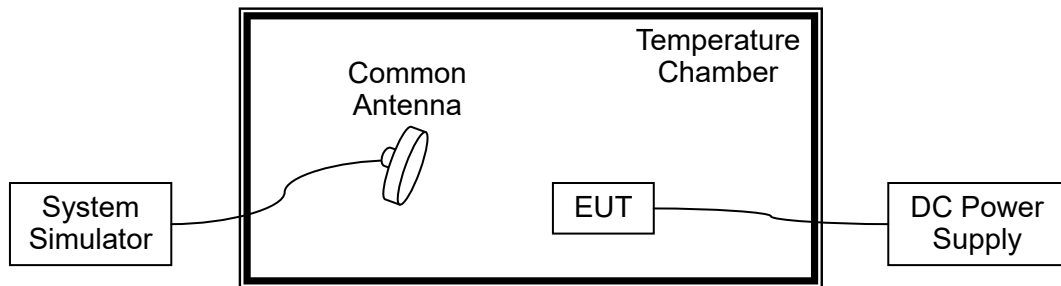
2.3. Frequency Stability

2.3.1. Requirement

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

- (a) The temperature is varied from -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.

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 3.8VDC, 4.35VDC and 3.5VDC, 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	3.85	-30	15	0.008	PASS
100		-20	11	0.006	
100		-10	13	0.007	
100		0	-5	-0.003	
100		+10	-13	-0.007	
100		+20	18	0.010	
100		+30	32	0.017	
100		+40	43	0.023	
100		+50	-15	-0.008	
115		4.43	+20	45	
85	3.27	+20	-11	-0.006	

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	3.85	-30	12	0.007	PASS
100		-20	21	0.012	
100		-10	23	0.013	
100		0	-11	-0.006	
100		+10	-15	-0.009	
100		+20	31	0.018	
100		+30	12	0.007	
100		+40	34	0.020	
100		+50	36	0.021	
115		4.43	+20	39	
85	3.27	+20	64	0.037	



LTE Band 5, QPSK, Channel 20525, Frequency 836.5MHz Limit=±2.5ppm					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.85	-30	32	0.038	PASS
100		-20	26	0.031	
100		-10	-11	-0.013	
100		0	11	0.013	
100		+10	24	0.029	
100		+20	32	0.038	
100		+30	-16	-0.019	
100		+40	26	0.031	
100		+50	31	0.037	
115	4.43	+20	24	0.029	
85	3.27	+20	-22	-0.026	

LTE Band 7, QPSK, Channel 21100, Frequency 2535MHz Limit= Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.85	-30	32	0.013	PASS
100		-20	54	0.021	
100		-10	43	0.017	
100		0	-18	-0.007	
100		+10	31	0.012	
100		+20	43	0.017	
100		+30	-24	-0.009	
100		+40	-29	-0.011	
100		+50	67	0.026	
115	4.43	+20	-31	-0.012	
85	3.27	+20	43	0.017	



LTE Band 12, QPSK, Channel 23095, Frequency 707.5MHz					
Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.85	-30	56	0.079	PASS
100		-20	45	0.064	
100		-10	-13	-0.018	
100		0	22	0.031	
100		+10	-25	-0.035	
100		+20	32	0.045	
100		+30	37	0.052	
100		+40	64	0.090	
100		+50	58	0.082	
115		4.43	+20	67	
85	3.27	+20	-35	-0.049	

LTE Band 17, QPSK, Channel 23790, Frequency 710MHz					
Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.8	-30	65	0.092	PASS
100		-20	59	0.083	
100		-10	-44	-0.062	
100		0	35	0.049	
100		+10	-35	-0.049	
100		+20	-46	-0.065	
100		+30	-45	-0.063	
100		+40	69	0.097	
100		+50	60	0.085	
115		4.43	+20	76	
85	3.27	+20	79	0.111	



LTE Band 19, QPSK, Channel 24075, Frequency 837.5MHz Limit=±2.5ppm					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.85	-30	-46	-0.055	PASS
100		-20	-41	-0.049	
100		-10	-36	-0.043	
100		0	25	0.030	
100		+10	28	0.033	
100		+20	34	0.041	
100		+30	-25	-0.030	
100		+40	-43	-0.051	
100		+50	54	0.064	
115	4.43	+20	69	0.082	
85	3.27	+20	65	0.078	

LTE Band 25, QPSK, Channel 26365, Frequency 1882.5MHz Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.85	-30	-46	-0.024	PASS
100		-20	59	0.031	
100		-10	-41	-0.022	
100		0	37	0.020	
100		+10	43	0.023	
100		+20	46	0.024	
100		+30	-46	-0.024	
100		+40	55	0.029	
100		+50	-56	-0.030	
115	4.43	+20	-42	-0.022	
85	3.27	+20	46	0.024	



LTE Band 26, QPSK, Channel 26915, Frequency 836.5MHz					
Limit = \pm 2.5ppm					
Voltage (%)	Power (VDC)	Temp ($^{\circ}$ C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.85	-30	-46	-0.055	PASS
100		-20	59	0.071	
100		-10	-33	-0.039	
100		0	17	0.020	
100		+10	31	0.037	
100		+20	43	0.051	
100		+30	33	0.039	
100		+40	54	0.065	
100		+50	-57	-0.068	
115		4.43	+20	-64	
85	3.27	+20	87	0.104	

LTE Band 30, QPSK, Channel 27710, Frequency 2310MHz					
Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp ($^{\circ}$ C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.85	-30	46	0.020	PASS
100		-20	44	0.019	
100		-10	-25	-0.011	
100		0	15	0.006	
100		+10	26	0.011	
100		+20	-18	-0.008	
100		+30	-27	-0.012	
100		+40	-24	-0.010	
100		+50	-31	-0.013	
115		4.43	+20	-40	
85	3.27	+20	58	0.025	



LTE Band 38, QPSK, Channel 38000, Frequency 2595MHz					
Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.85	-30	67	0.026	PASS
100		-20	-57.3	-0.022	
100		-10	45	0.017	
100		0	34	0.013	
100		+10	-44	-0.017	
100		+20	54	0.021	
100		+30	-52	-0.020	
100		+40	-54	-0.021	
100		+50	-49	-0.019	
115		4.43	+20	71	
85	3.27	+20	83	0.032	

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	3.85	-30	72	0.031	PASS
100		-20	33	0.014	
100		-10	-61	-0.026	
100		0	64	0.028	
100		+10	55	0.024	
100		+20	29	0.013	
100		+30	55	0.024	
100		+40	-65	-0.028	
100		+50	-73	-0.032	
115		4.43	+20	53	
85	3.27	+20	55	0.024	



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	3.85	-30	63	0.027	PASS
100		-20	52	0.022	
100		-10	-67	-0.028	
100		0	66	0.028	
100		+10	41	0.017	
100		+20	27	0.011	
100		+30	58	0.025	
100		+40	-56	-0.024	
100		+50	-79	-0.034	
115		4.43	+20	39	
85	3.27	+20	46	0.020	

LTE Band 41, QPSK, Channel 40620, Frequency 2593MHz					
Limit =Within Authorized Band					
Voltage (%)	Power (VDC)	Temp (°C)	Fre. Dev. (Hz)	Deviation (ppm)	Result
100	3.85	-30	73	0.028	PASS
100		-20	-62	-0.024	
100		-10	-68	-0.026	
100		0	-22	-0.008	
100		+10	-32	-0.012	
100		+20	-35	-0.013	
100		+30	44	0.017	
100		+40	41	0.016	
100		+50	45	0.017	
115		4.43	+20	56	
85	3.27	+20	63	0.024	

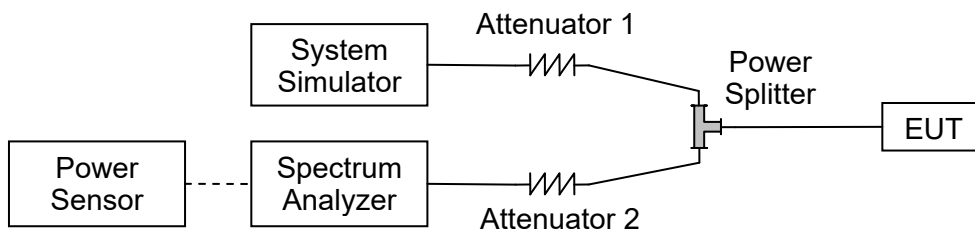
2.4. Peak to Average Ratio

2.4.1. Requirement

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

2.4.2. Test Description

A. Test Set:



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

2.4.3. Test procedure

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

2.4.4. Test Result

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



LTE Band 2						
BW (MHz)	Modulation	LCH	MCH	HCH	Limit (dB)	Verdict
1.4	QPSK	4.18	4.55	4.74	<=13	PASS
	16QAM	5.15	5.50	5.80	<=13	PASS
	64QAM	5.62	5.77	5.59	<=13	PASS
3	QPSK	4.08	4.33	4.49	<=13	PASS
	16QAM	5.17	5.55	5.74	<=13	PASS
	64QAM	5.53	5.75	5.67	<=13	PASS
5	QPSK	4.35	4.62	4.78	<=13	PASS
	16QAM	5.31	5.58	5.74	<=13	PASS
	64QAM	5.53	5.73	5.71	<=13	PASS
10	QPSK	4.40	4.52	4.82	<=13	PASS
	16QAM	5.36	5.64	5.71	<=13	PASS
	64QAM	5.50	5.77	5.78	<=13	PASS
15	QPSK	4.37	4.5	4.62	<=13	PASS
	16QAM	5.32	5.49	5.57	<=13	PASS
	64QAM	5.55	5.63	5.66	<=13	PASS
20	QPSK	4.54	4.59	4.50	<=13	PASS
	16QAM	5.52	5.53	5.61	<=13	PASS
	64QAM	5.28	5.63	5.63	<=13	PASS



LTE Band 4						
BW (MHz)	Modulation	LCH	MCH	HCH	Limit (dB)	Verdict
1.4	QPSK	4.84	5.04	5.05	<=13	PASS
	16QAM	5.83	5.91	6.13	<=13	PASS
	64QAM	5.78	5.93	6.15	<=13	PASS
3	QPSK	4.72	4.69	4.83	<=13	PASS
	16QAM	5.89	5.95	6.14	<=13	PASS
	64QAM	5.78	6.04	6.16	<=13	PASS
5	QPSK	4.78	4.95	4.93	<=13	PASS
	16QAM	5.84	5.89	6.02	<=13	PASS
	64QAM	5.76	6.05	6.03	<=13	PASS
10	QPSK	4.84	4.91	4.93	<=13	PASS
	16QAM	5.85	6.00	6.08	<=13	PASS
	64QAM	5.71	5.97	6.04	<=13	PASS
15	QPSK	4.73	4.88	4.90	<=13	PASS
	16QAM	5.82	5.92	6.00	<=13	PASS
	64QAM	5.69	5.91	6.00	<=13	PASS
20	QPSK	4.78	4.79	4.83	<=13	PASS
	16QAM	5.87	5.91	5.96	<=13	PASS
	64QAM	5.78	5.89	5.97	<=13	PASS



LTE Band 5						
BW (MHz)	Modulation	LCH	MCH	HCH	Limit (dB)	Verdict
1.4	QPSK	4.83	4.44	4.67	<=13	PASS
	16QAM	5.87	5.49	5.57	<=13	PASS
	64QAM	5.89	5.52	5.57	<=13	PASS
3	QPSK	4.61	4.22	4.46	<=13	PASS
	16QAM	5.9	5.51	5.70	<=13	PASS
	64QAM	5.92	5.47	5.70	<=13	PASS
5	QPSK	4.79	4.48	4.68	<=13	PASS
	16QAM	5.85	5.52	5.74	<=13	PASS
	64QAM	5.86	5.53	5.75	<=13	PASS
10	QPSK	4.59	4.47	4.88	<=13	PASS
	16QAM	5.82	5.59	5.73	<=13	PASS
	64QAM	5.84	5.56	5.74	<=13	PASS

LTE Band 7						
BW (MHz)	Modulation	LCH	MCH	HCH	Limit (dB)	Verdict
5	QPSK	4.81	4.74	4.64	<=13	PASS
	16QAM	5.87	5.79	5.65	<=13	PASS
	64QAM	5.92	5.93	5.72	<=13	PASS
10	QPSK	4.84	4.76	4.60	<=13	PASS
	16QAM	5.95	5.84	5.63	<=13	PASS
	64QAM	5.98	5.91	5.73	<=13	PASS
15	QPSK	4.81	4.70	4.49	<=13	PASS
	16QAM	5.93	5.78	5.55	<=13	PASS
	64QAM	5.95	5.88	5.65	<=13	PASS
20	QPSK	4.77	4.66	4.51	<=13	PASS
	16QAM	5.96	5.83	5.67	<=13	PASS
	64QAM	5.98	5.92	5.71	<=13	PASS



LTE Band 12						
BW (MHz)	Modulation	LCH	MCH	HCH	Limit (dB)	Verdict
1.4	QPSK	3.55	4.42	4.65	<=13	PASS
	16QAM	4.46	5.31	5.69	<=13	PASS
	64QAM	4.58	5.45	5.71	<=13	PASS
3	QPSK	4.22	4.46	4.500	<=13	PASS
	16QAM	5.28	5.4	5.72	<=13	PASS
	64QAM	5.34	5.52	5.71	<=13	PASS
5	QPSK	4.77	4.55	4.79	<=13	PASS
	16QAM	5.75	5.59	5.74	<=13	PASS
	64QAM	5.79	5.61	5.76	<=13	PASS
10	QPSK	5.05	4.56	4.64	<=13	PASS
	16QAM	5.99	5.56	5.56	<=13	PASS
	64QAM	6.00	5.64	5.57	<=13	PASS

LTE Band 17						
BW (MHz)	Modulation	LCH	MCH	HCH	Limit (dB)	Verdict
5	QPSK	4.88	4.54	4.87	<=13	PASS
	16QAM	6.01	5.58	5.85	<=13	PASS
	64QAM	5.97	5.58	5.83	<=13	PASS
10	QPSK	4.41	4.41	4.77	<=13	PASS
	16QAM	5.65	5.68	5.8	<=13	PASS
	64QAM	5.65	5.66	5.8	<=13	PASS



LTE Band 19						
BW (MHz)	Modulation	LCH	MCH	HCH	Limit (dB)	Verdict
5	QPSK	4.70	4.60	4.68	<=13	PASS
	16QAM	5.75	5.64	5.76	<=13	PASS
	64QAM	5.77	5.59	5.72	<=13	PASS
10	QPSK	4.57	4.53	4.72	<=13	PASS
	16QAM	5.66	5.64	5.69	<=13	PASS
	64QAM	5.66	5.60	5.68	<=13	PASS
15	QPSK	/	4.38	/	<=13	PASS
	16QAM	/	5.57	/	<=13	PASS
	64QAM	/	5.53	/	<=13	PASS

LTE Band 25						
BW (MHz)	Modulation	LCH	MCH	HCH	Limit (dB)	Verdict
1.4	QPSK	4.57	4.26	4.73	<=13	PASS
	16QAM	5.60	5.28	5.71	<=13	PASS
	64QAM	5.69	5.65	5.68	<=13	PASS
3	QPSK	4.30	4.19	4.42	<=13	PASS
	16QAM	5.56	5.37	5.69	<=13	PASS
	64QAM	5.61	5.71	5.66	<=13	PASS
5	QPSK	4.44	4.48	4.63	<=13	PASS
	16QAM	5.33	5.47	5.65	<=13	PASS
	64QAM	5.57	5.68	5.62	<=13	PASS
10	QPSK	4.14	4.31	4.35	<=13	PASS
	16QAM	5.34	5.53	5.62	<=13	PASS
	64QAM	5.44	5.69	5.66	<=13	PASS
15	QPSK	4.34	4.17	4.40	<=13	PASS
	16QAM	5.44	5.18	5.58	<=13	PASS
	64QAM	5.21	5.55	5.64	<=13	PASS
20	QPSK	4.33	4.34	4.56	<=13	PASS
	16QAM	5.36	5.48	5.71	<=13	PASS
	64QAM	5.37	5.57	5.74	<=13	PASS



LTE Band 26						
BW (MHz)	Modulation	LCH	MCH	HCH	Limit (dB)	Verdict
1.4	QPSK	6.03	4.40	4.59	<=13	PASS
	16QAM	6.02	4.41	5.76	<=13	PASS
	64QAM	4.81	5.50	5.77	<=13	PASS
3	QPSK	4.70	4.32	5.75	<=13	PASS
	16QAM	4.69	4.31	5.53	<=13	PASS
	64QAM	6.01	5.57	4.48	<=13	PASS
5	QPSK	4.83	5.64	5.81	<=13	PASS
	16QAM	5.99	4.54	4.69	<=13	PASS
	64QAM	4.84	5.67	4.69	<=13	PASS
10	QPSK	5.88	4.35	4.60	<=13	PASS
	16QAM	4.76	5.53	4.62	<=13	PASS
	64QAM	4.75	5.56	4.84	<=13	PASS
15	QPSK	4.70	5.57	5.64	<=13	PASS
	16QAM	4.69	4.40	5.57	<=13	PASS
	64QAM	5.79	4.37	5.34	<=13	PASS

LTE Band 30						
BW (MHz)	Modulation	LCH	MCH	HCH	Limit (dB)	Verdict
5	QPSK	4.73	4.72	4.7	<=13	PASS
	16QAM	5.78	5.79	5.77	<=13	PASS
	64QAM	5.78	5.79	5.79	<=13	PASS
10	QPSK	/	4.71	/	<=13	PASS
	16QAM	/	5.78	/	<=13	PASS
	64QAM	/	5.86	/	<=13	PASS



LTE Band 38						
BW (MHz)	Modulation	LCH	MCH	HCH	Limit (dB)	Verdict
5	QPSK	8.86	8.92	8.21	<=13	PASS
	16QAM	9.38	9.09	9.30	<=13	PASS
	64QAM	9.37	9.30	9.03	<=13	PASS
10	QPSK	8.06	8.54	8.02	<=13	PASS
	16QAM	9.83	10.52	10.24	<=13	PASS
	64QAM	9.51	10.15	10.26	<=13	PASS
15	QPSK	7.31	9.25	8.41	<=13	PASS
	16QAM	9.07	9.85	10.34	<=13	PASS
	64QAM	9.75	9.83	9.95	<=13	PASS
20	QPSK	7.98	6.65	7.84	<=13	PASS
	16QAM	9.22	8.92	8.80	<=13	PASS
	64QAM	10.26	9.57	9.84	<=13	PASS

LTE Band 40 Block A						
BW (MHz)	Modulation	LCH	MCH	HCH	Limit (dB)	Verdict
5	QPSK	7.27	7.86	7.30	<=13	PASS
	16QAM	7.45	7.42	7.29	<=13	PASS
	64QAM	7.16	7.26	7.27	<=13	PASS
10	QPSK	/	6.79	/	<=13	PASS
	16QAM	/	6.83	/	<=13	PASS
	64QAM	/	6.81	/	<=13	PASS

LTE Band 40 Block B						
BW (MHz)	Modulation	LCH	MCH	HCH	Limit (dB)	Verdict
5	QPSK	7.24	7.34	7.22	<=13	PASS
	16QAM	7.27	7.20	7.45	<=13	PASS
	64QAM	7.79	7.13	7.13	<=13	PASS
10	QPSK	/	6.57	/	<=13	PASS
	16QAM	/	8.02	/	<=13	PASS
	64QAM	/	6.93	/	<=13	PASS

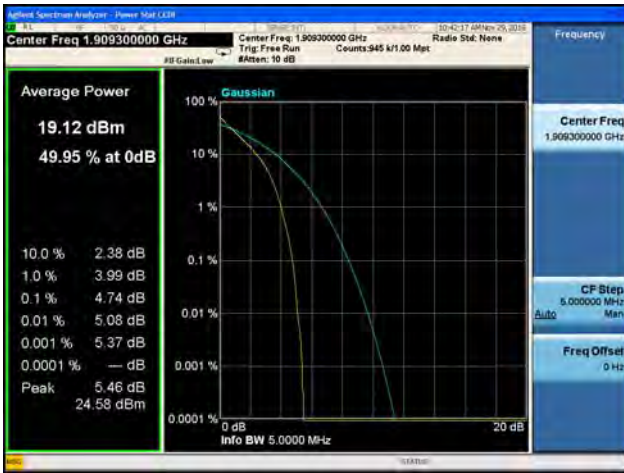


LTE Band 41						
BW (MHz)	Modulation	LCH	MCH	HCH	Limit (dB)	Verdict
5	QPSK	8.91	8.26	8.60	<=13	PASS
	16QAM	10.52	10.03	8.81	<=13	PASS
	64QAM	9.62	9.22	8.61	<=13	PASS
10	QPSK	7.14	9.01	8.91	<=13	PASS
	16QAM	7.94	9.35	9.72	<=13	PASS
	64QAM	7.42	9.95	10.84	<=13	PASS
15	QPSK	7.66	7.61	7.57	<=13	PASS
	16QAM	8.42	8.93	9.08	<=13	PASS
	64QAM	8.24	10.48	11.03	<=13	PASS
20	QPSK	6.68	8.39	7.31	<=13	PASS
	16QAM	9.02	9.38	9.97	<=13	PASS
	64QAM	5.9	10.38	8.05	<=13	PASS

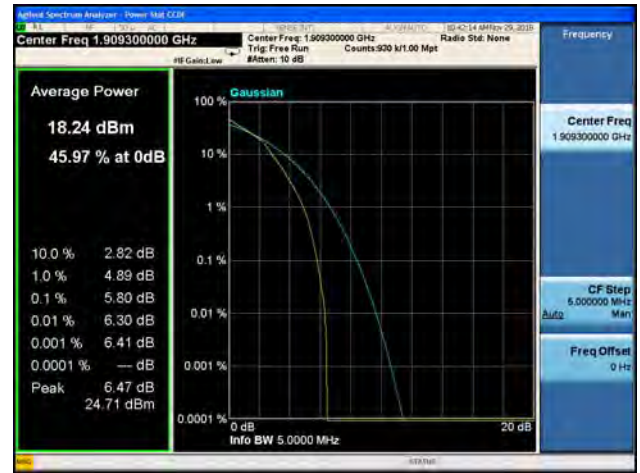


LTE Band 2 Peak-to-Average Ratio

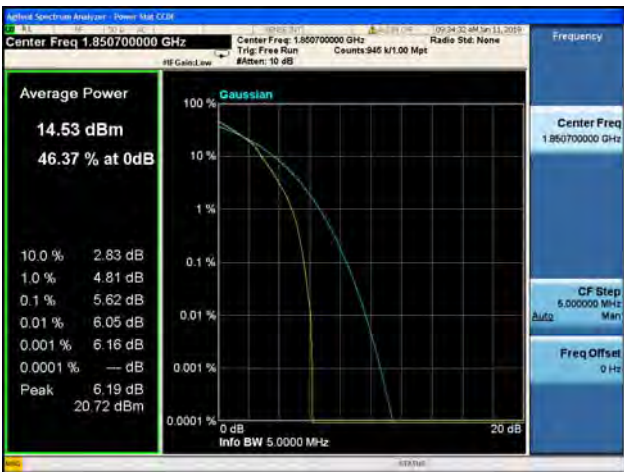
1.4MHz / QPSK / LCH



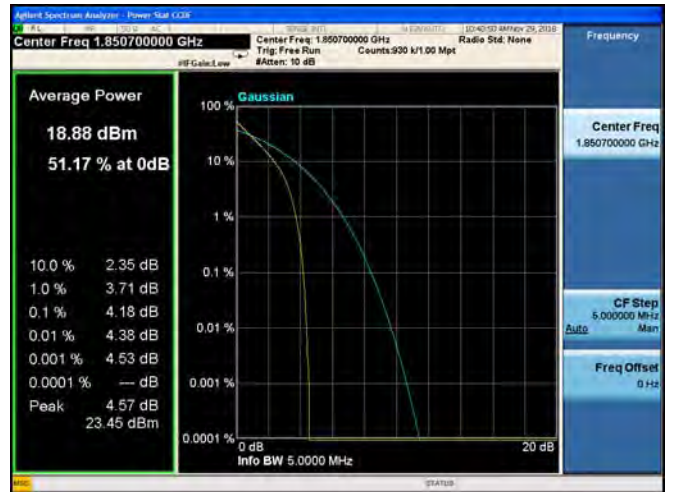
1.4MHz / 16QAM / LCH



1.4MHz / 64QAM / LCH



1.4MHz / QPSK / MCH



1.4MHz / 16QAM / MCH

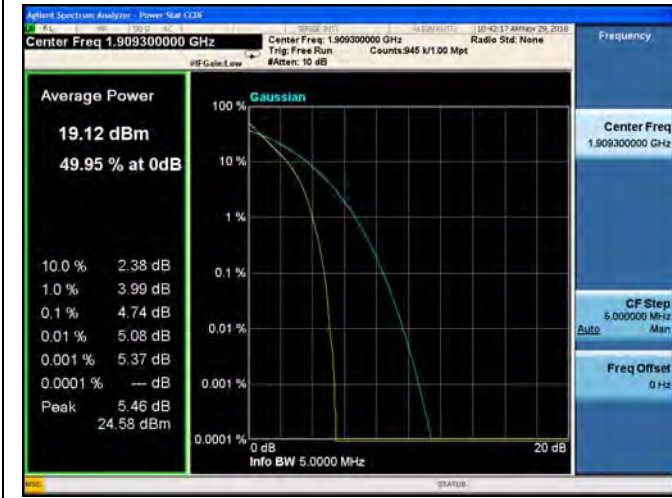


1.4MHz / 64QAM / MCH

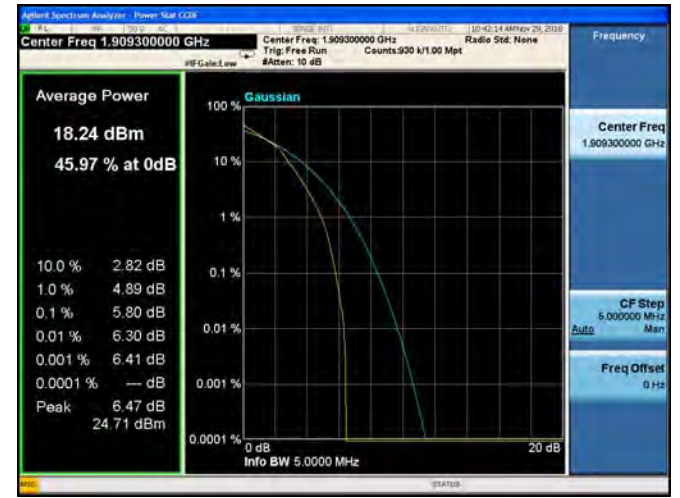




1.4MHz / QPSK / HCH



1.4MHz / 16QAM / HCH



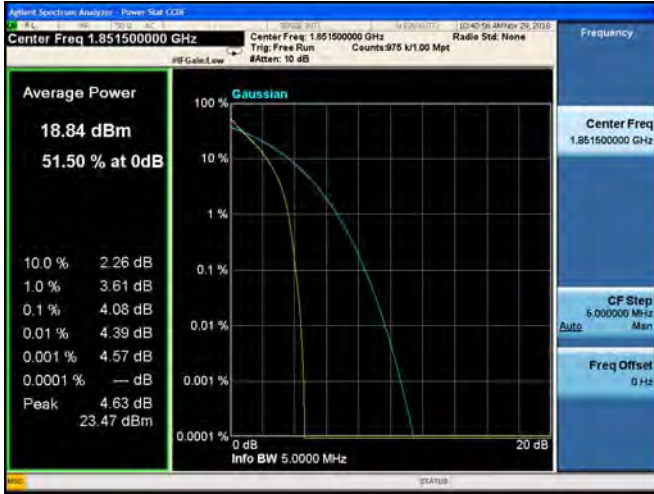
1.4MHz / 64QAM / HCH



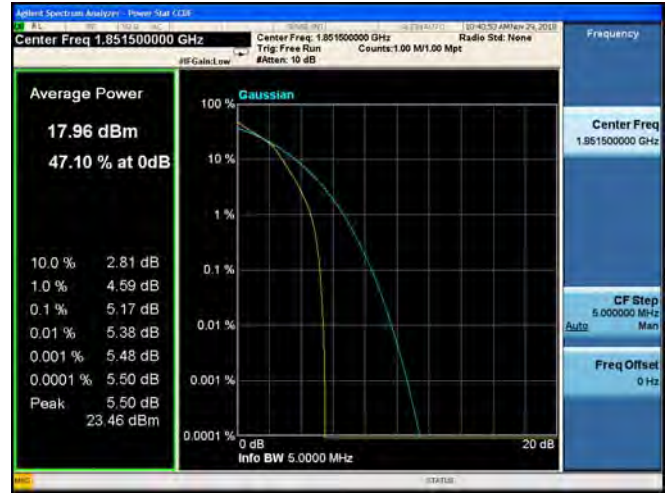


LTE Band 2 Peak-to-Average Radio

3MHz / QPSK / LCH



3MHz / 16QAM / LCH



3MHz / 64QAM / LCH

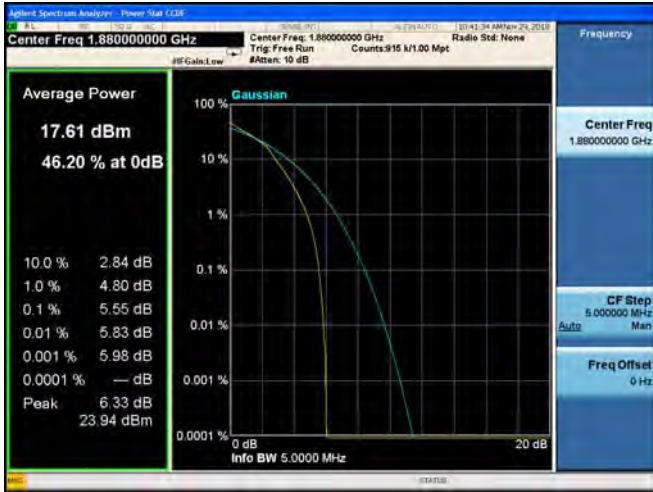


3MHz / QPSK / MCH





3MHz / 16QAM / MCH



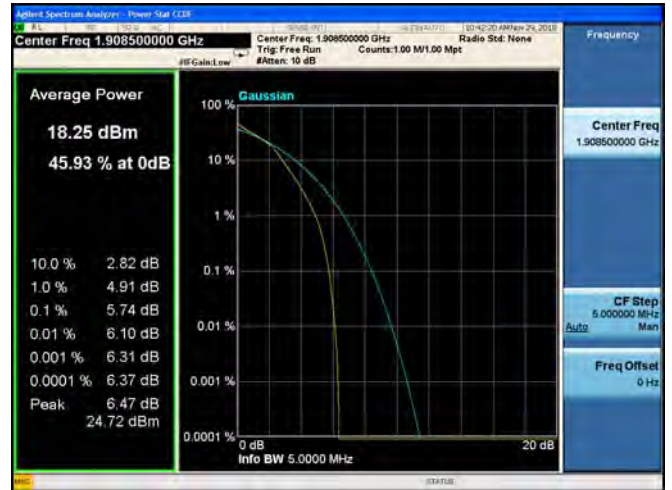
3MHz / 64QAM / MCH



3MHz / QPSK / HCH



3MHz / 16QAM / HCH



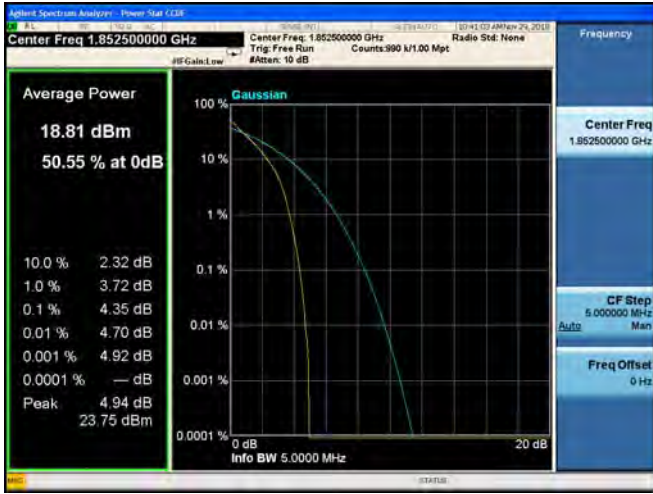
3MHz / 64QAM / HCH



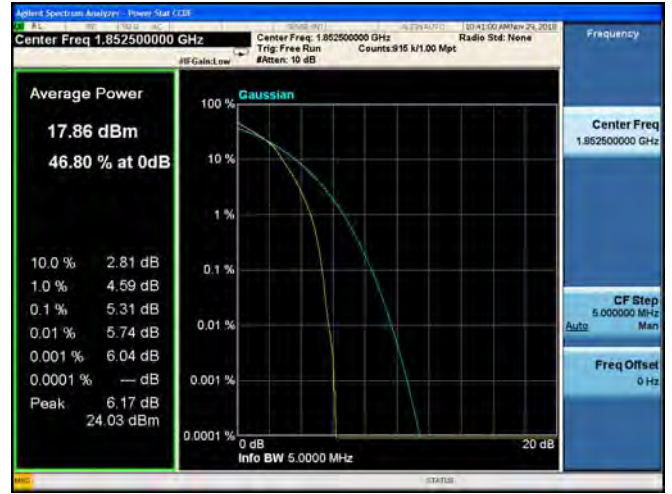


LTE Band 2 Peak-to-Average Radio

5MHz / QPSK / LCH



5MHz / 16QAM / LCH



5MHz / 64QAM / LCH

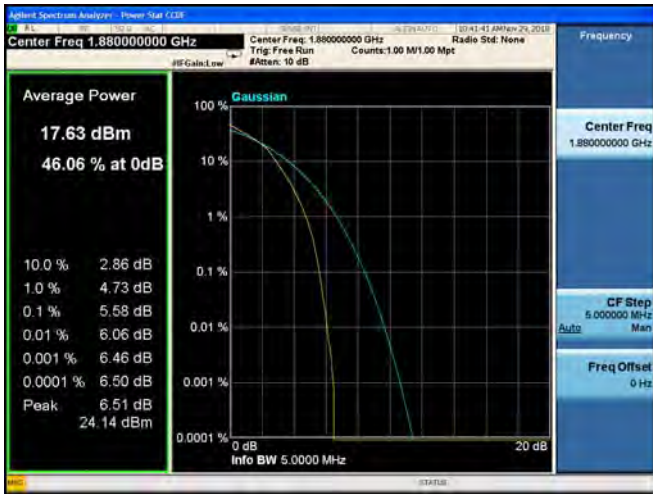


5MHz / QPSK / MCH





5MHz / 16QAM / MCH



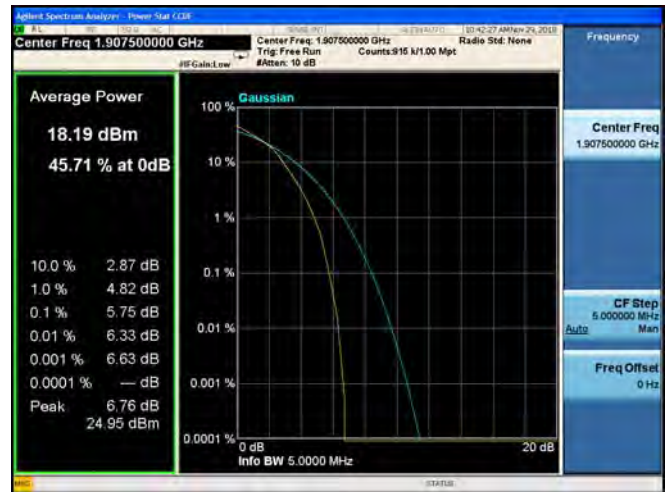
5MHz / 64QAM / MCH



5MHz / QPSK / HCH



5MHz / 16QAM / HCH



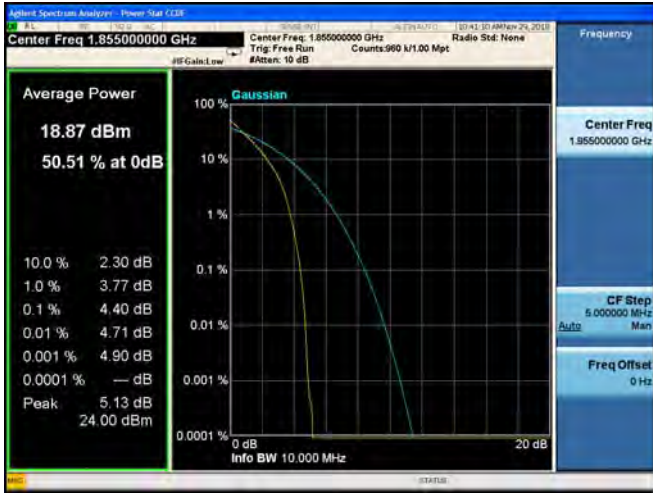
5MHz / 64QAM / HCH



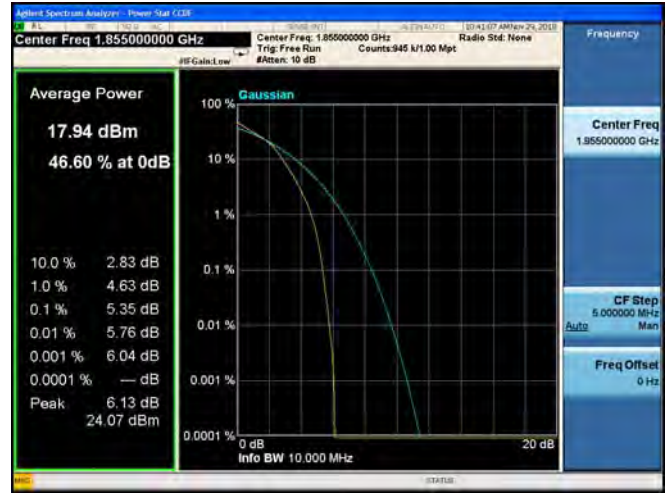


LTE Band 2 Peak-to-Average Radio

10MHz / QPSK / LCH



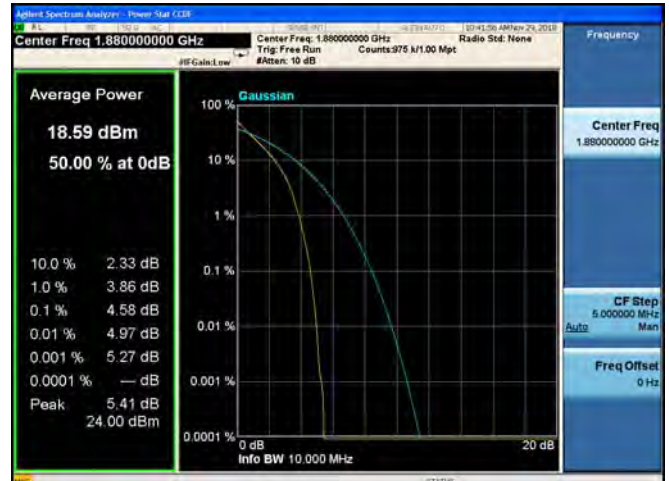
10MHz / 16QAM / LCH



10MHz / 64QAM / LCH

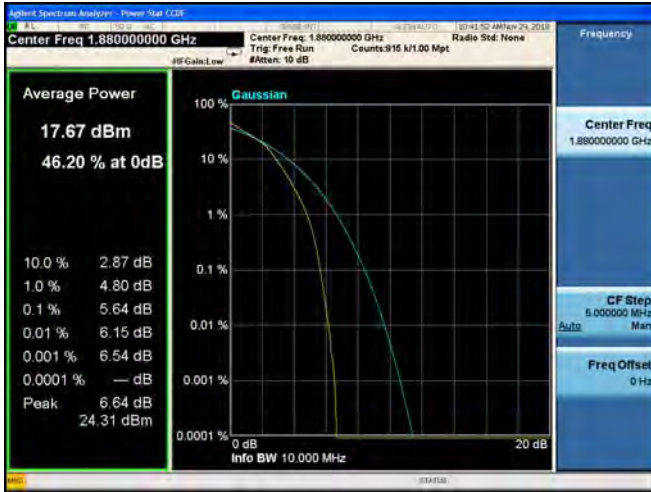


10MHz / QPSK / MCH





10MHz / 16QAM / MCH



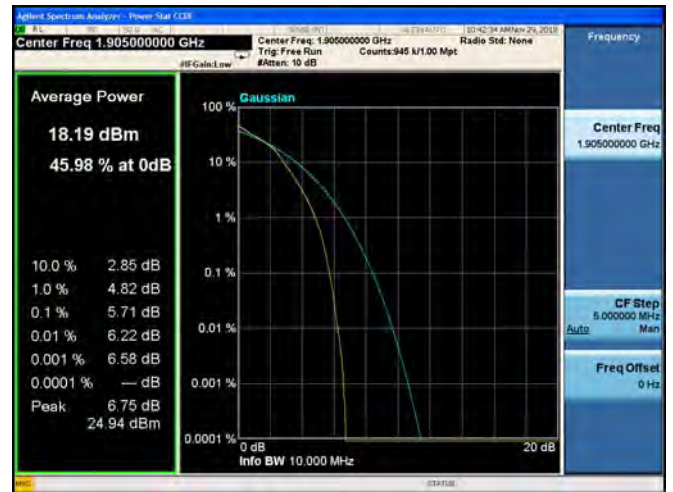
10MHz / 64QAM / MCH



10MHz / QPSK / HCH



10MHz / 16QAM / HCH



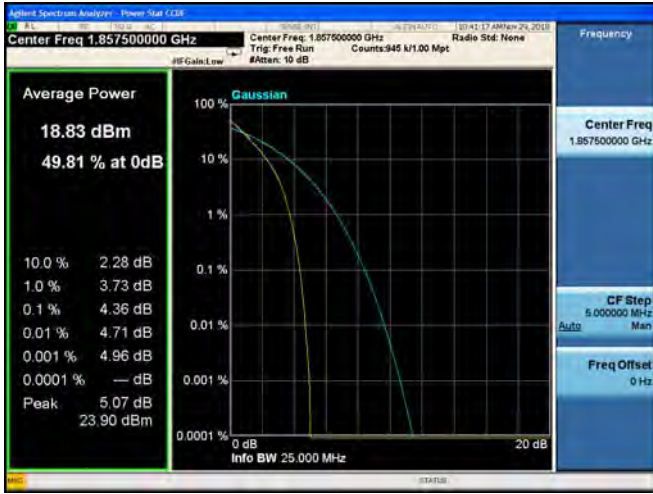
10MHz / 64QAM / HCH





LTE Band 2 Peak-to-Average Ratio

15MHz / QPSK / LCH



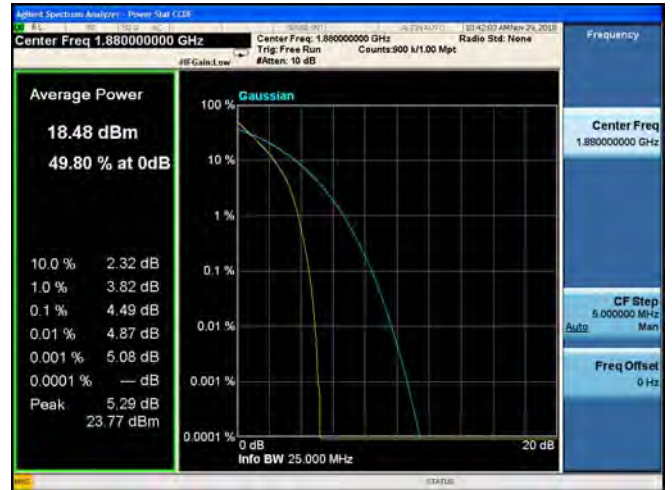
15MHz / 16QAM / LCH



15MHz / 64QAM / LCH

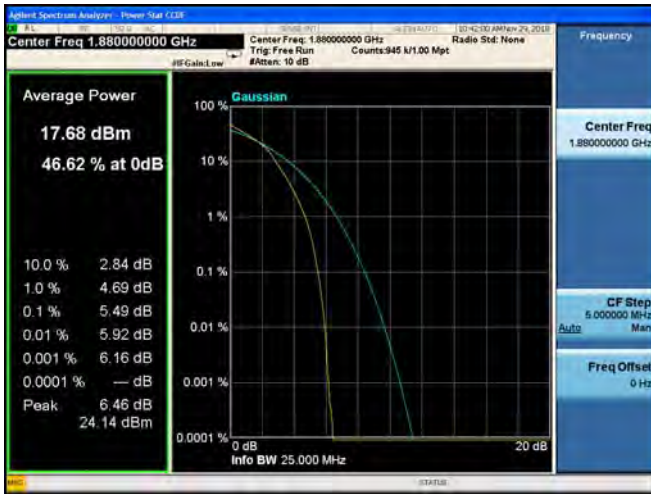


15MHz / QPSK / MCH





15MHz / 16QAM / MCH



15MHz / 64QAM / MCH



15MHz / QPSK / HCH



15MHz / 16QAM / HCH



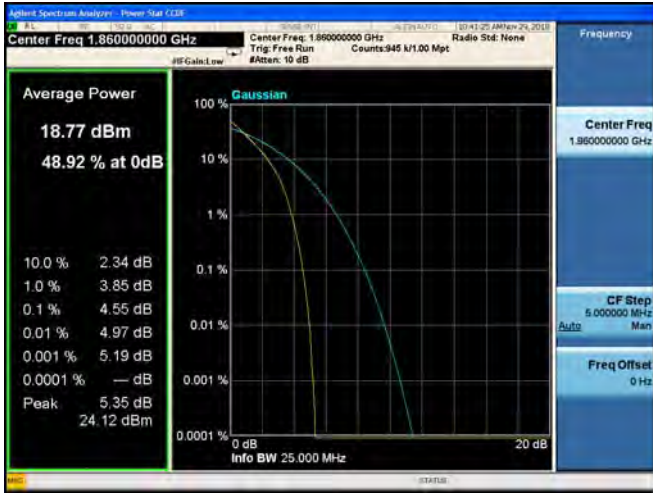
15MHz / 64QAM / HCH



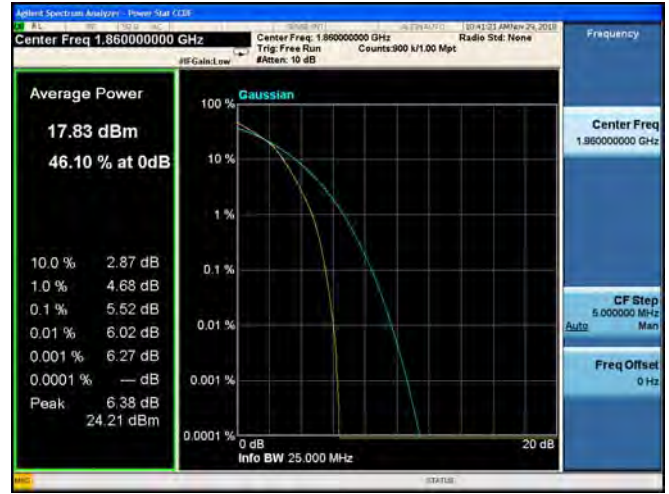


LTE Band 2 Peak-to-Average Radio

20MHz / QPSK / LCH



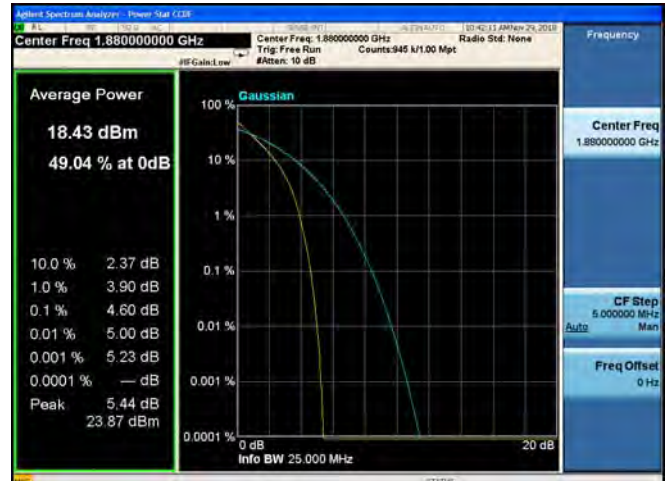
20MHz / 16QAM / LCH



20MHz / 64QAM / LCH

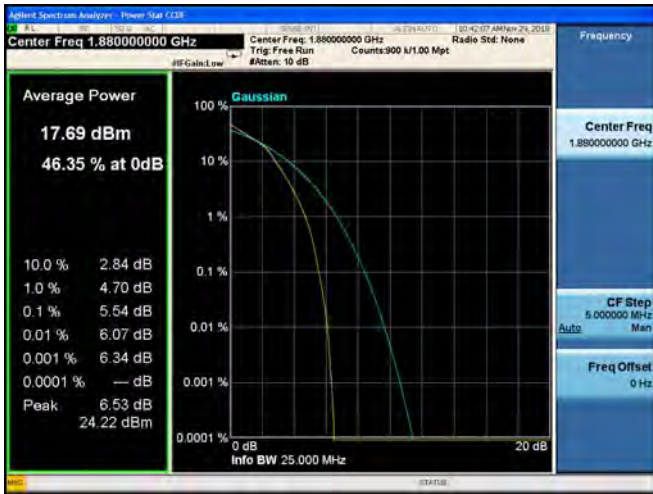


20MHz / QPSK / MCH





20MHz / 16QAM / MCH



20MHz / 64QAM / MCH



20MHz / QPSK / HCH



20MHz / 16QAM / HCH



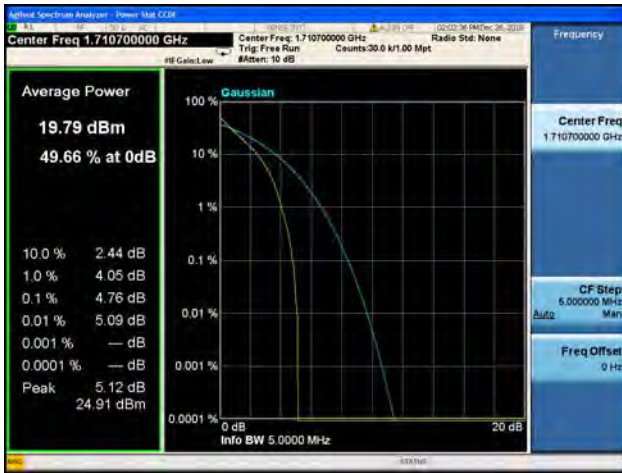
20MHz / 64QAM / HCH





LTE Band 4 Peak-to-Average Radio

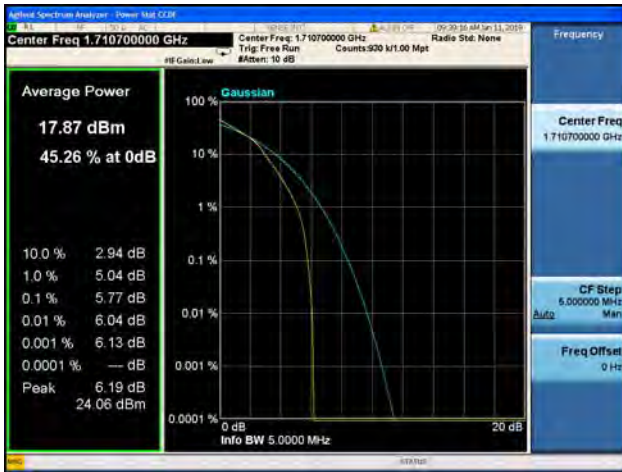
1.4MHz / QPSK / LCH



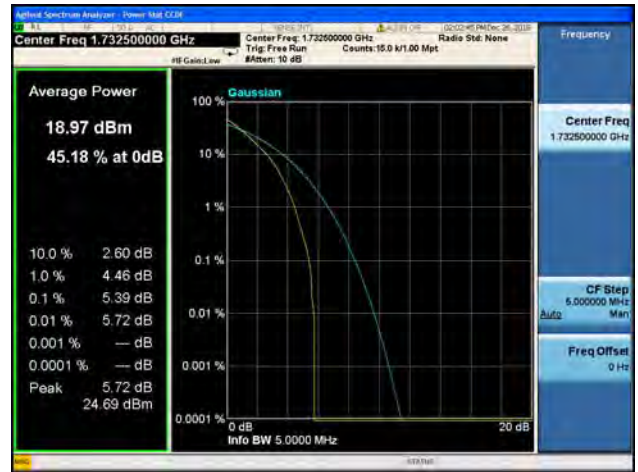
1.4MHz / 16QAM / LCH



1.4MHz / 64QAM / LCH



1.4MHz / QPSK / MCH



1.4MHz / 16QAM / MCH



1.4MHz / 64QAM / MCH





1.4MHz / QPSK / HCH



1.4MHz / 16QAM / HCH



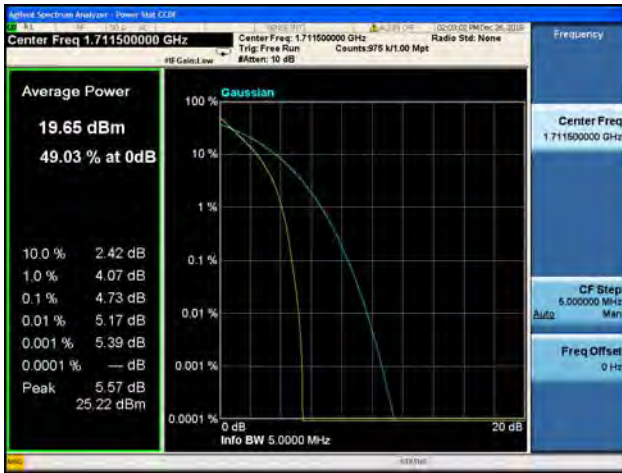
1.4MHz / 64QAM / HCH





LTE Band 4 Peak-to-Average Radio

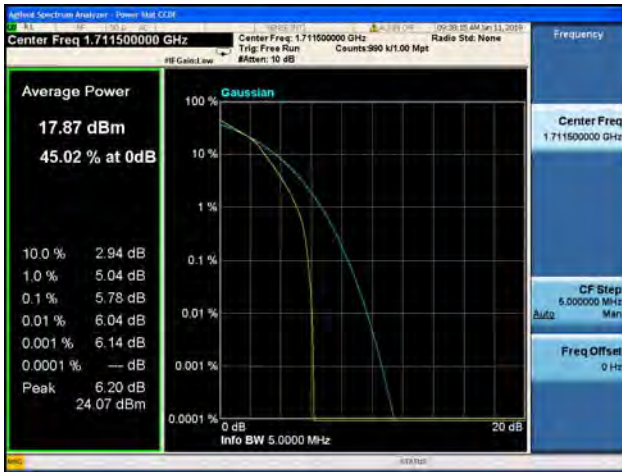
3MHz / QPSK / LCH



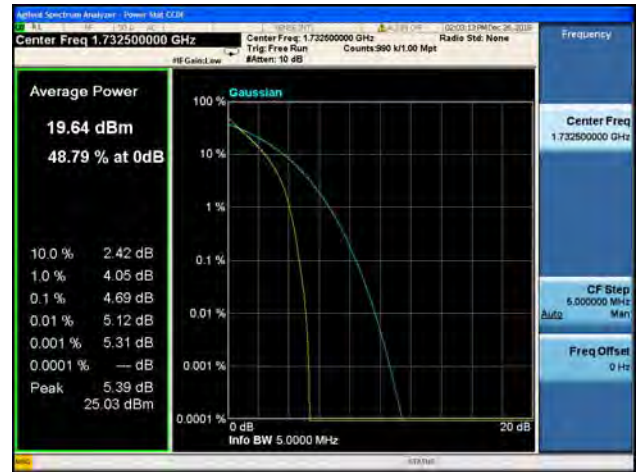
3MHz / 16QAM / LCH



3MHz / 64QAM / LCH



3MHz / QPSK / MCH



3MHz / 16QAM / MCH



3MHz / 64QAM / MCH





3MHz / QPSK / HCH



3MHz / 16QAM / HCH



3MHz / 64QAM / HCH

