

Appendix C: 26dB Bandwidth and Occupied Bandwidth LTE Band 2 Test Result

Channel Bandwidth: 1.4 MHz

Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.0784	1.237	PASS
	MCH	6	0	1.0797	1.237	PASS
	HCH	6	0	1.0778	1.215	PASS
16QAM	LCH	6	0	1.0795	1.221	PASS
	MCH	6	0	1.0807	1.247	PASS
	HCH	6	0	1.0786	1.222	PASS

Channel Bandwidth: 3 MHz

Channel Bandwidth: 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	15	0	2.6821	2.882	PASS
	MCH	15	0	2.6847	2.893	PASS
	HCH	15	0	2.6853	2.876	PASS
16QAM	LCH	15	0	2.6848	2.886	PASS
	MCH	15	0	2.6856	2.874	PASS
	HCH	15	0	2.6873	2.873	PASS

Channel Bandwidth: 5 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4773	4.805	PASS
	MCH	25	0	4.4904	4.856	PASS
	HCH	25	0	4.4767	4.841	PASS
16QAM	LCH	25	0	4.4781	4.820	PASS
	MCH	25	0	4.4803	4.852	PASS
	HCH	25	0	4.4825	4.793	PASS

Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9449	9.467	PASS
	MCH	50	0	8.9488	9.557	PASS
	HCH	50	0	8.9226	9.537	PASS
16QAM	LCH	50	0	8.9343	9.430	PASS
	MCH	50	0	8.9372	9.555	PASS
	HCH	50	0	8.9332	9.420	PASS

Channel Bandwidth: 15 MHz

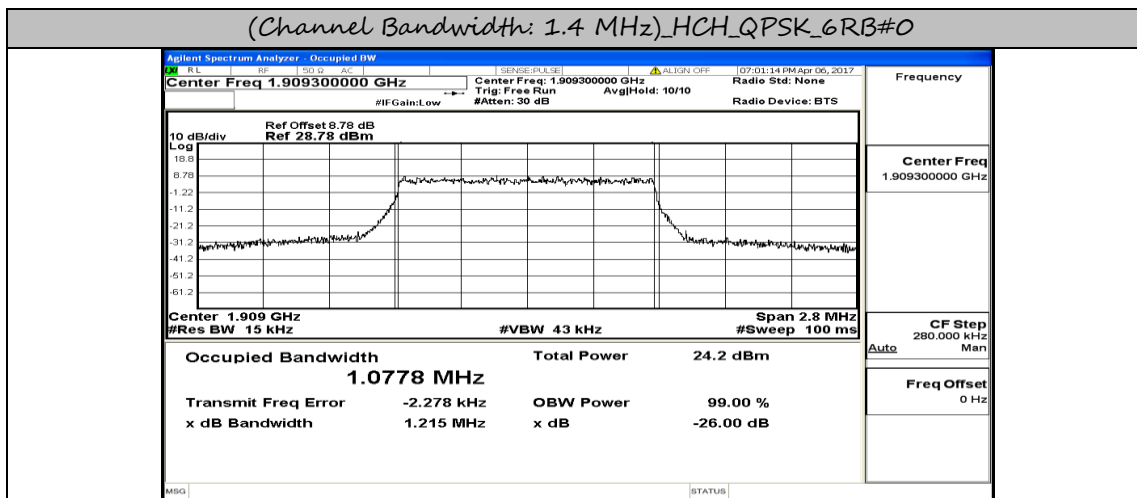
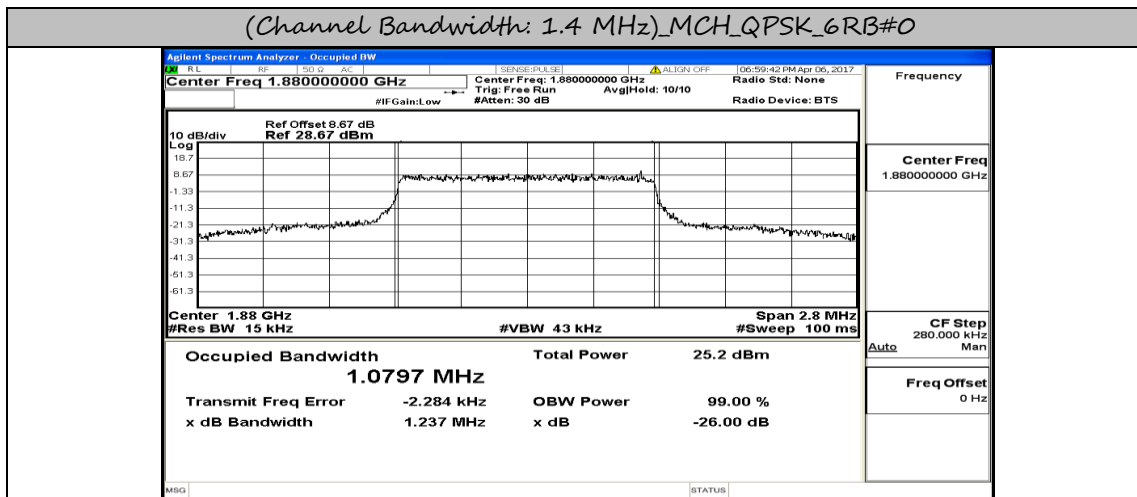
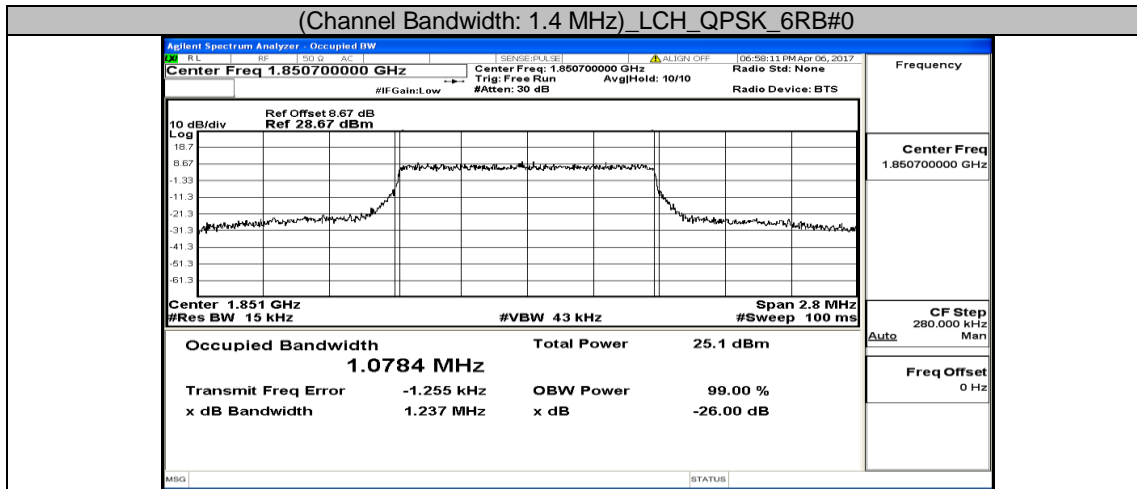
Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	75	0	13.433	14.18	PASS
	MCH	75	0	13.416	14.15	PASS
	HCH	75	0	13.382	14.05	PASS
16QAM	LCH	75	0	13.415	14.10	PASS
	MCH	75	0	13.416	14.15	PASS
	MCH	75	0	13.378	14.03	PASS

Channel Bandwidth: 20 MHz

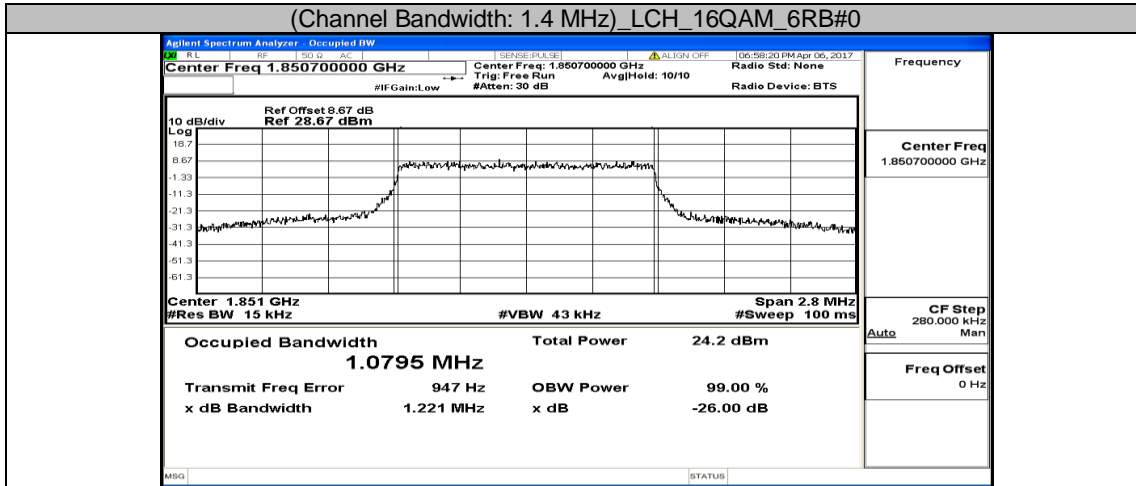
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.901	19.11	PASS
	MCH	100	0	17.863	18.71	PASS
	HCH	100	0	17.840	18.62	PASS
16QAM	LCH	100	0	17.904	18.71	PASS
	MCH	100	0	17.864	18.64	PASS
	HCH	100	0	17.846	18.57	PASS

Test Graphs

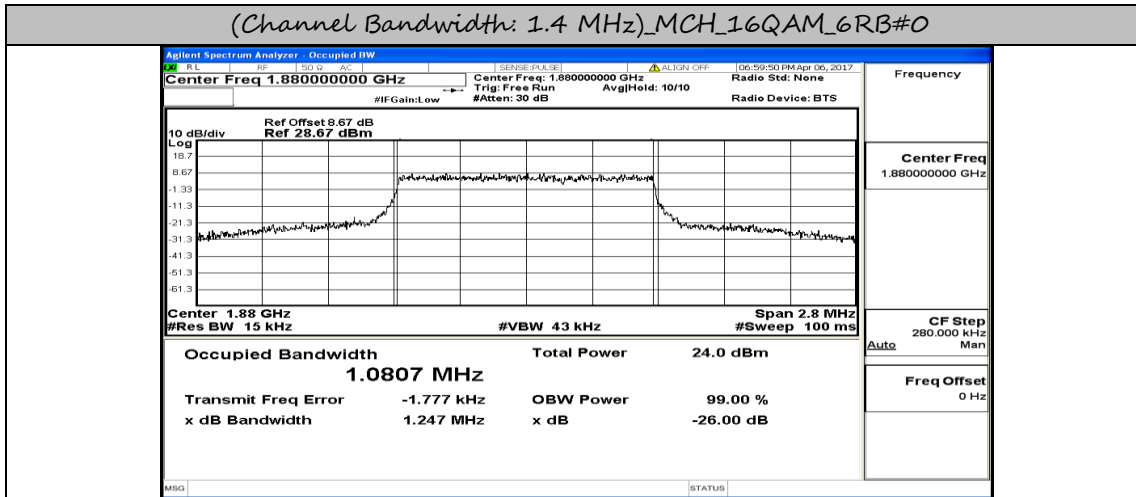
Channel Bandwidth: 1.4 MHz



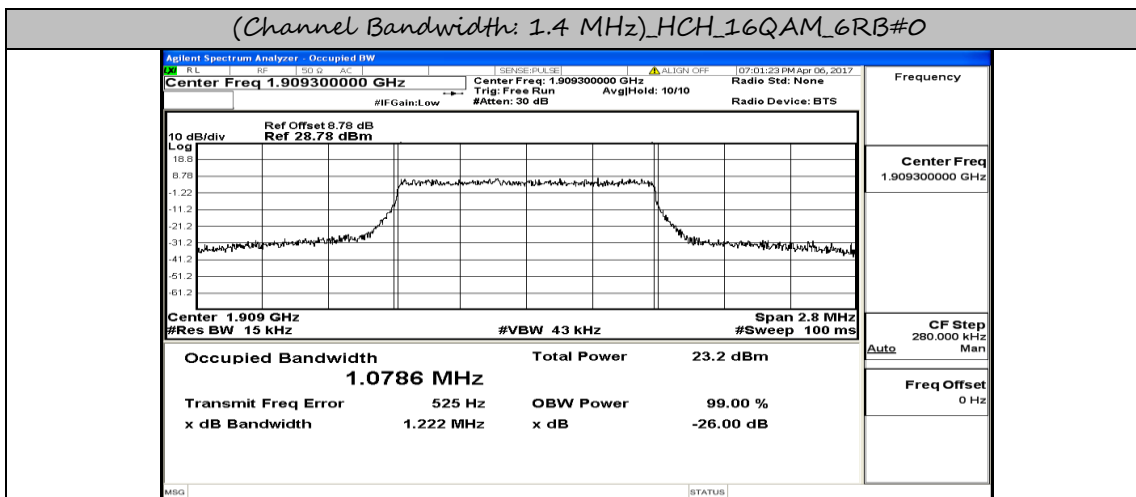
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



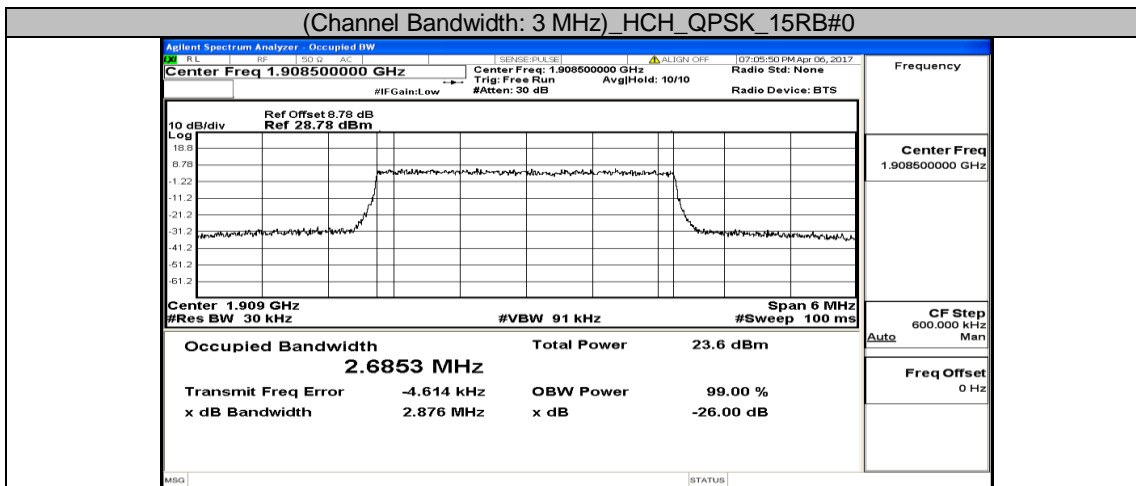
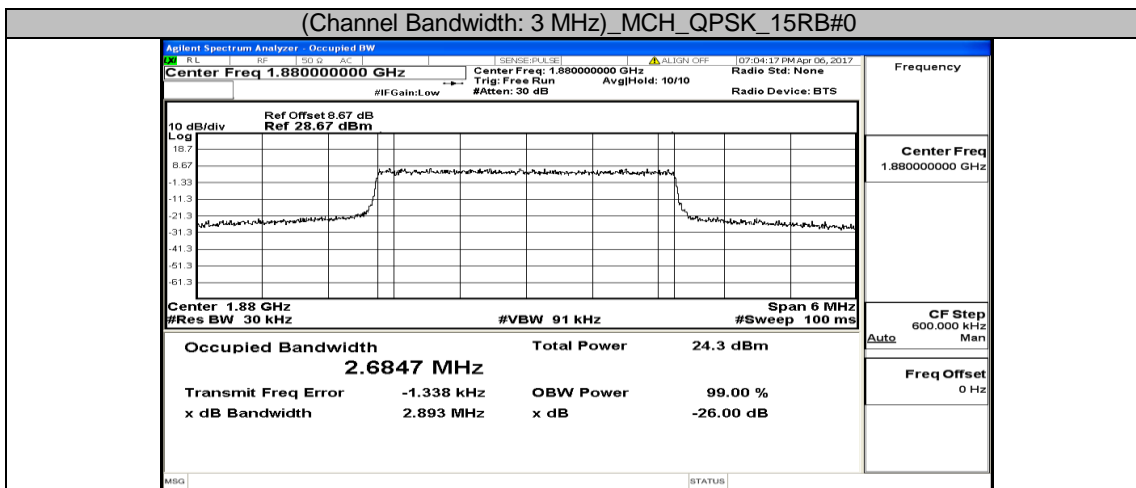
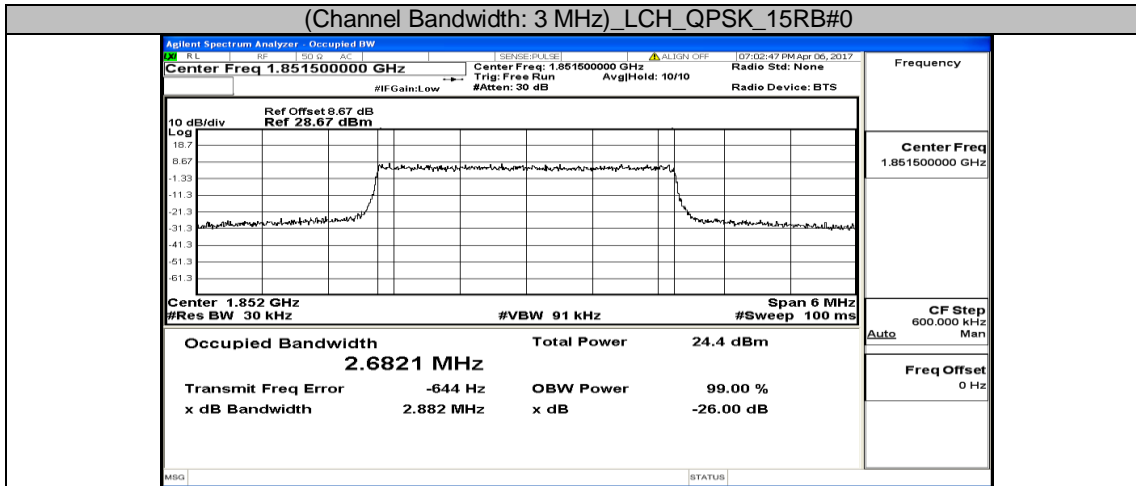
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



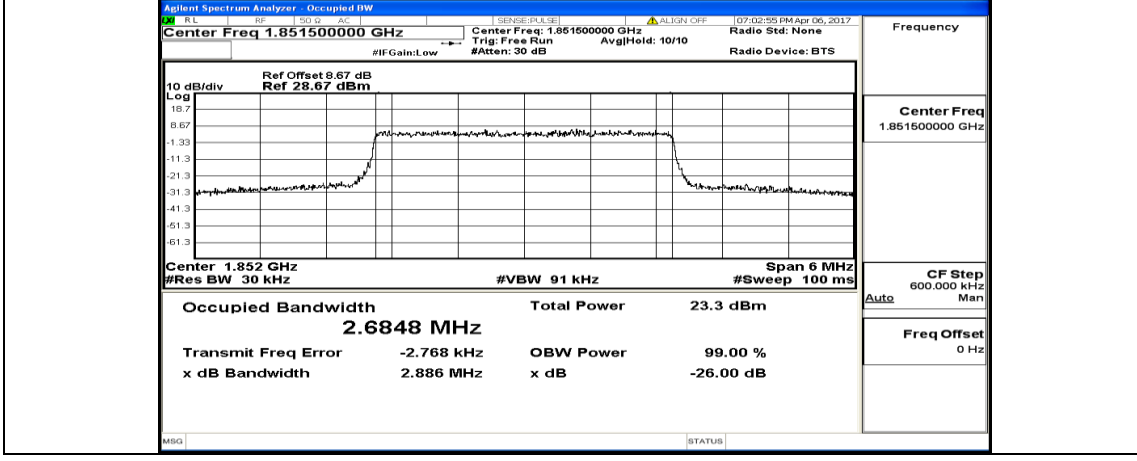
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



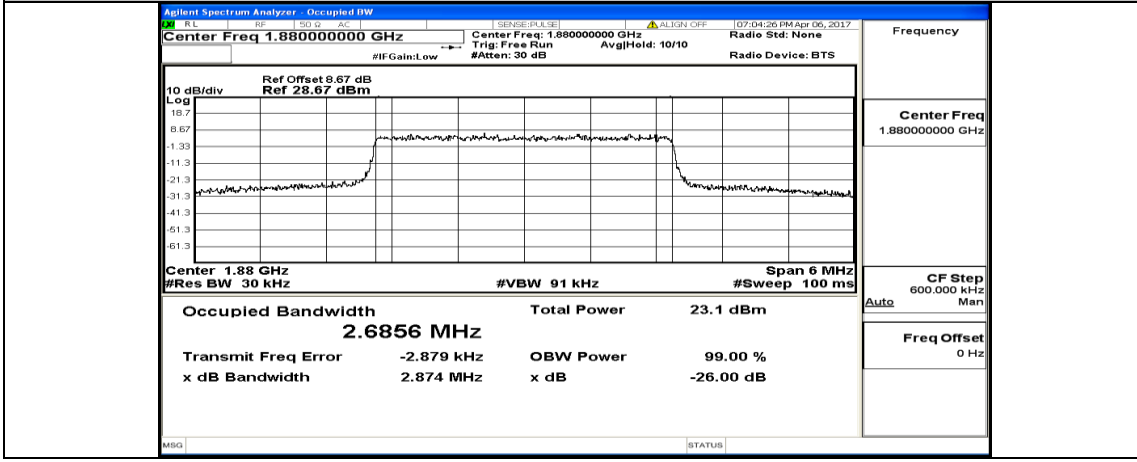
Channel Bandwidth: 3 MHz



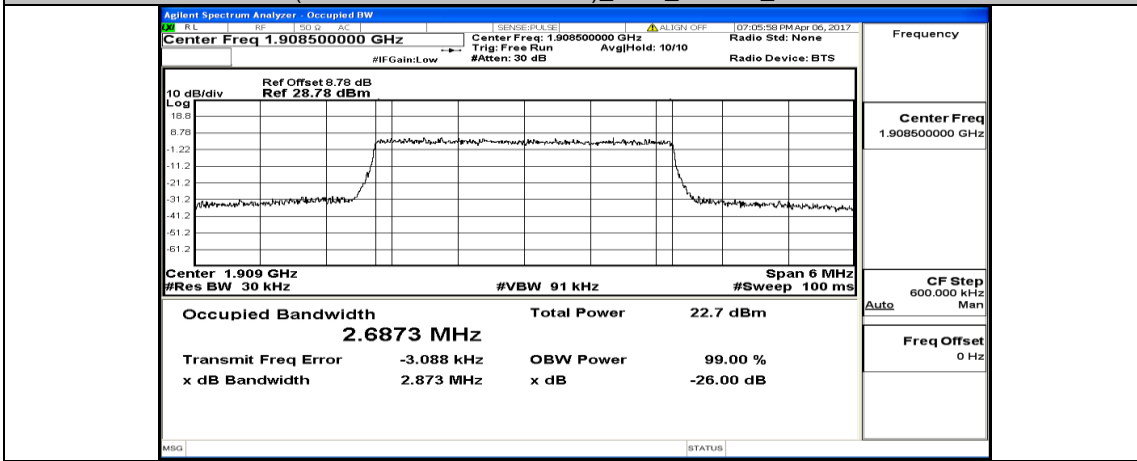
(Channel Bandwidth: 3 MHz) _LCH_16QAM_15RB#0



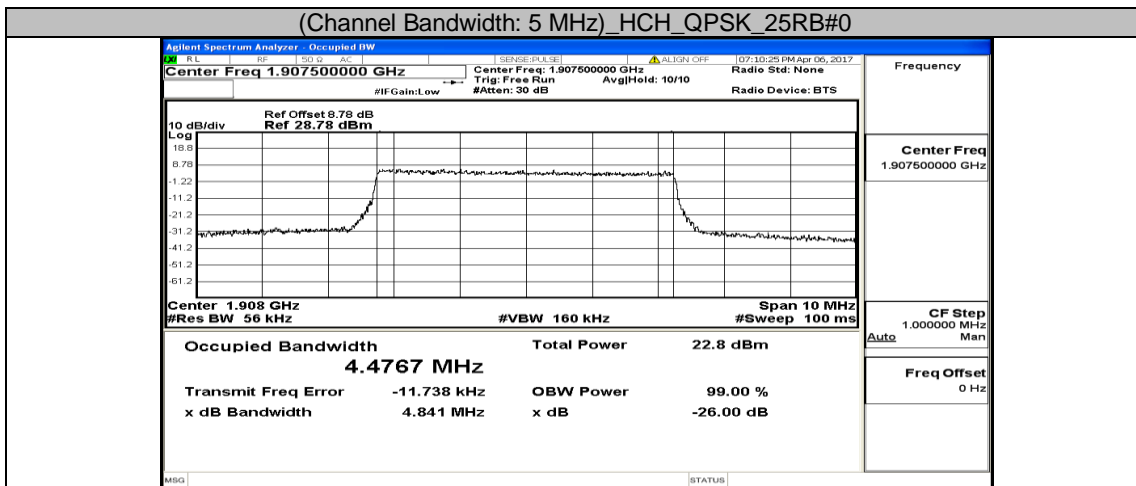
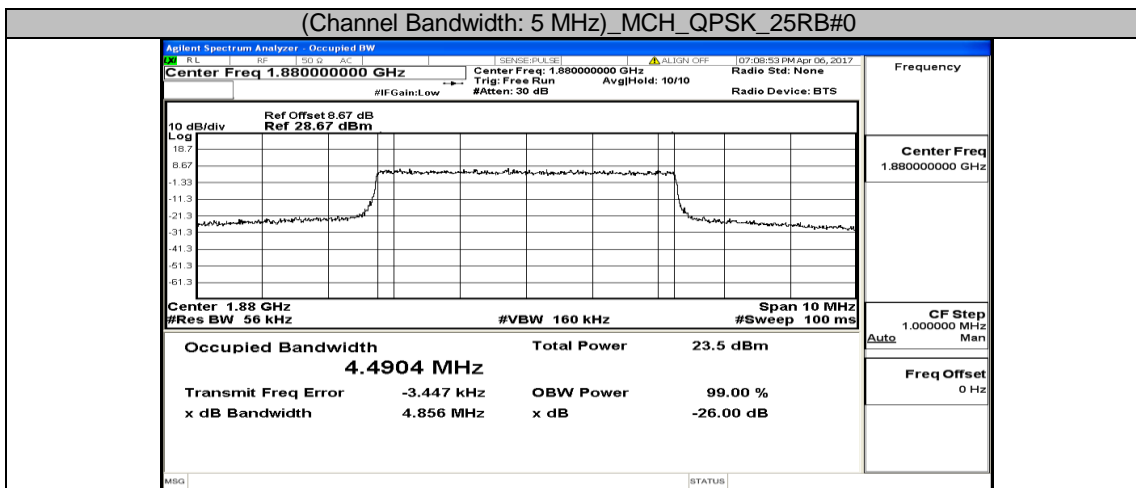
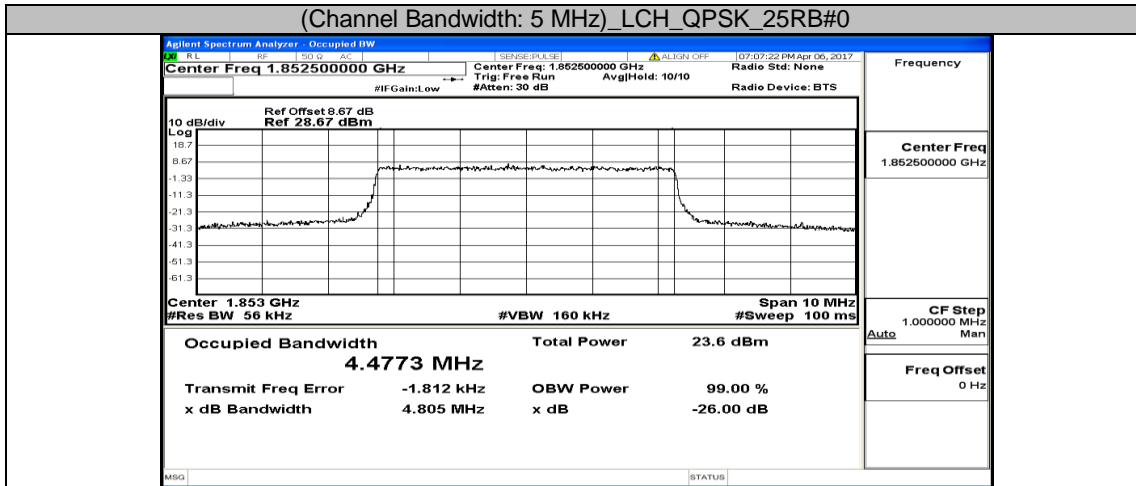
(Channel Bandwidth: 3 MHz) _MCH_16QAM_15RB#0



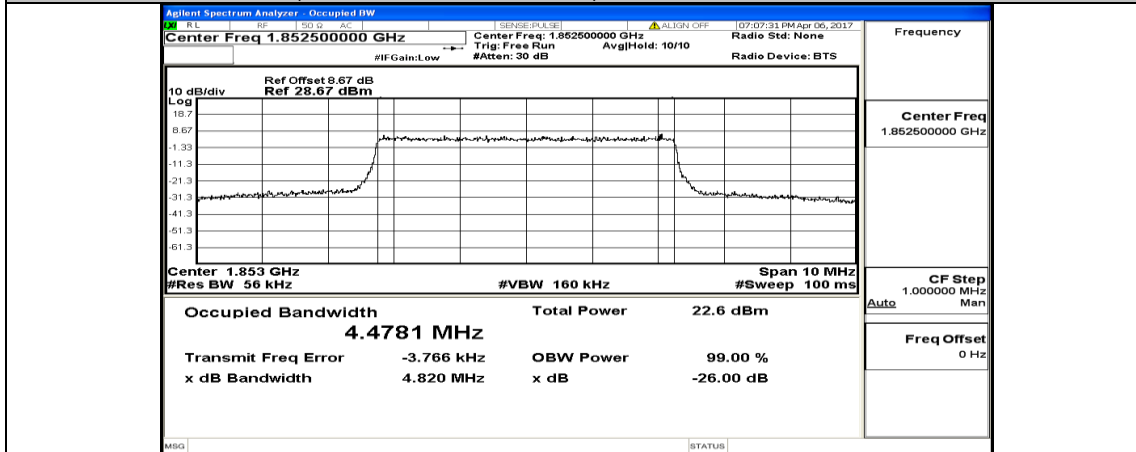
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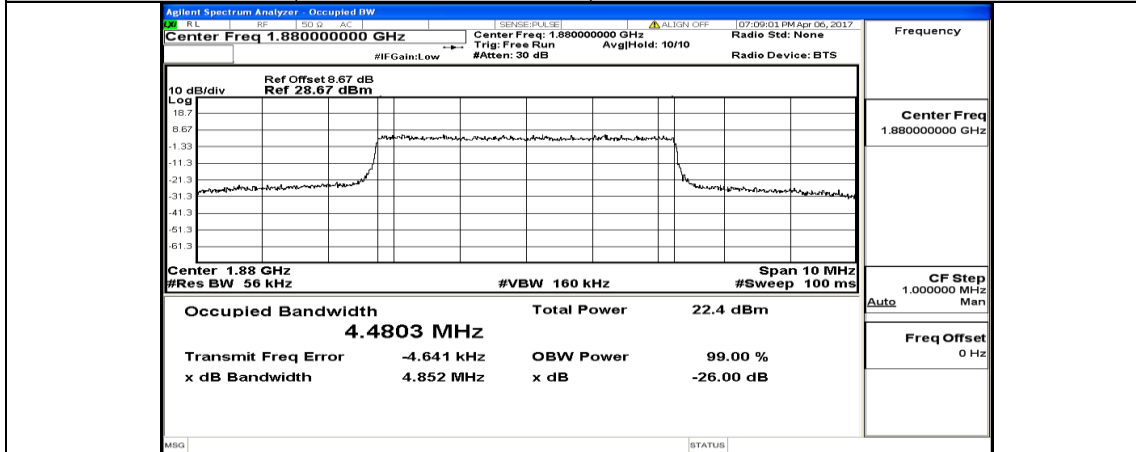
Channel Bandwidth: 5 MHz



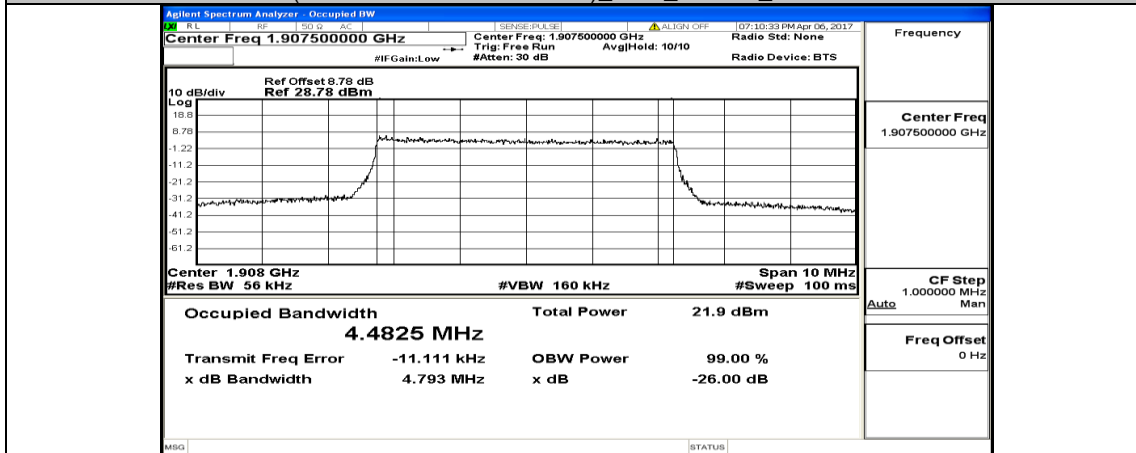
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



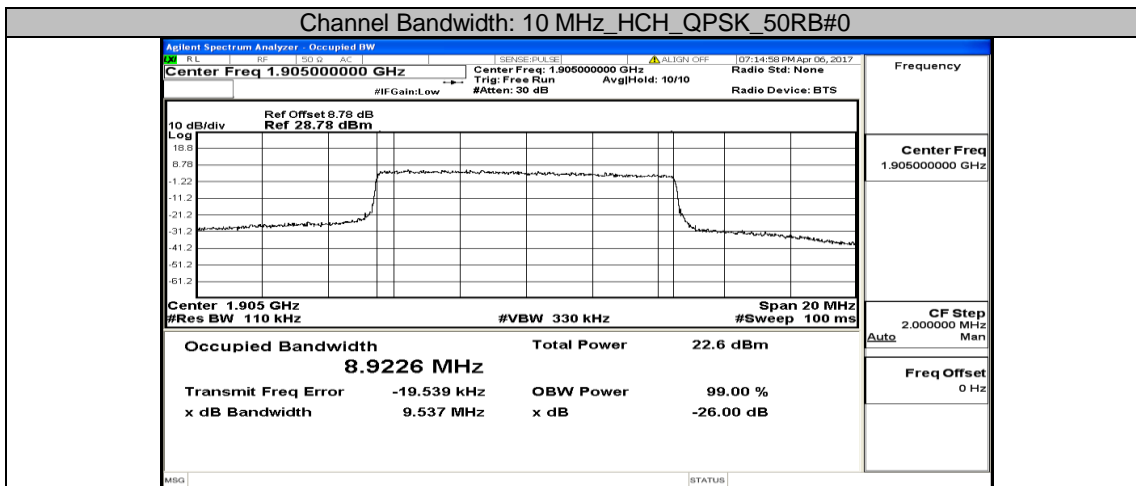
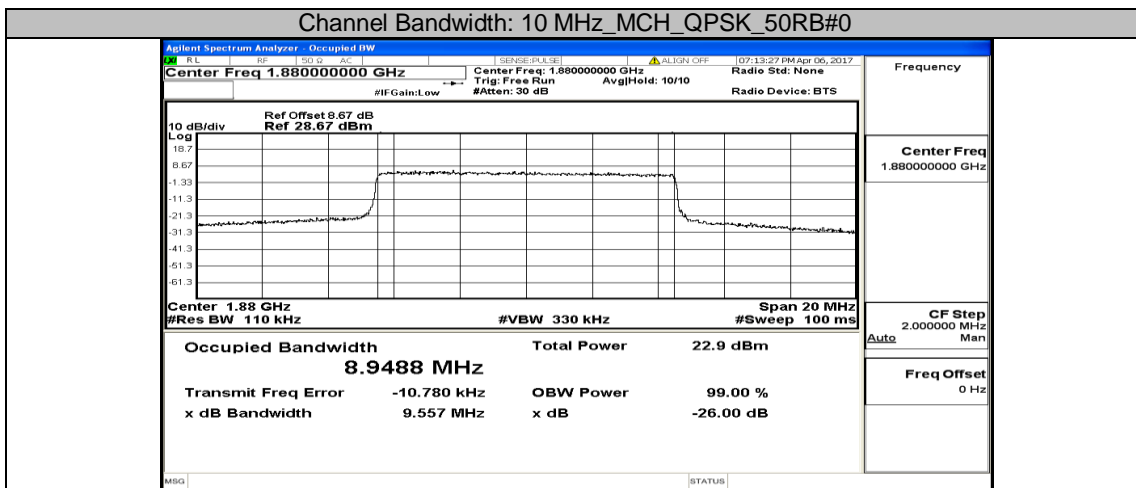
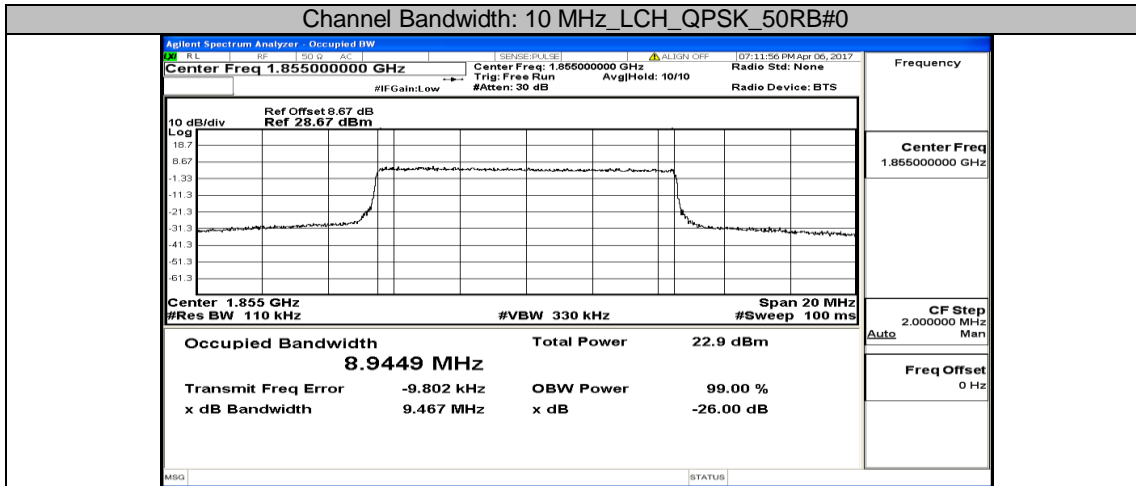
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



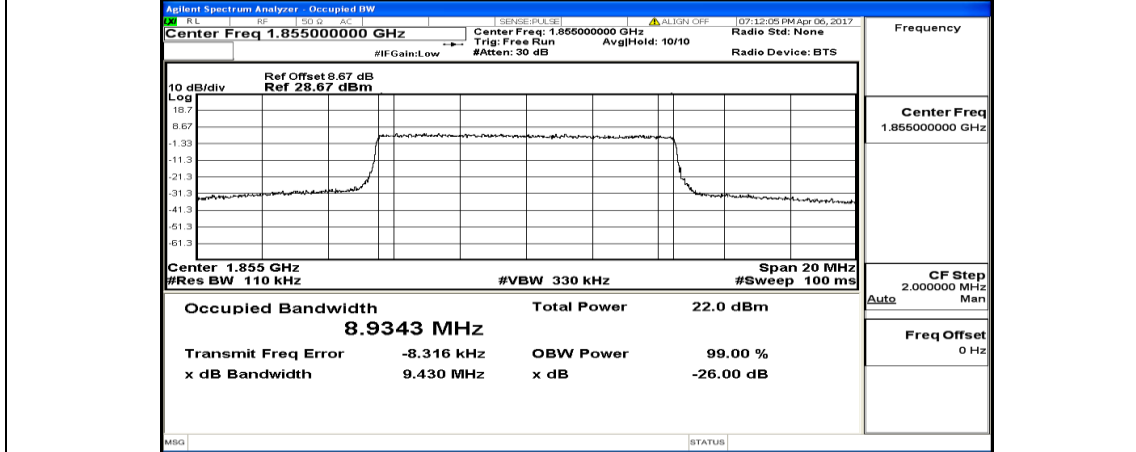
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



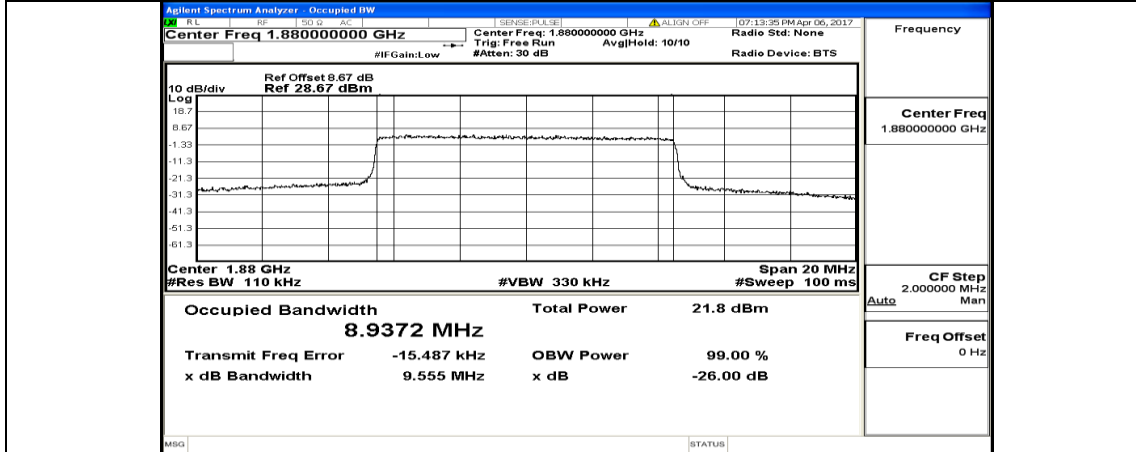
Channel Bandwidth: 10 MHz



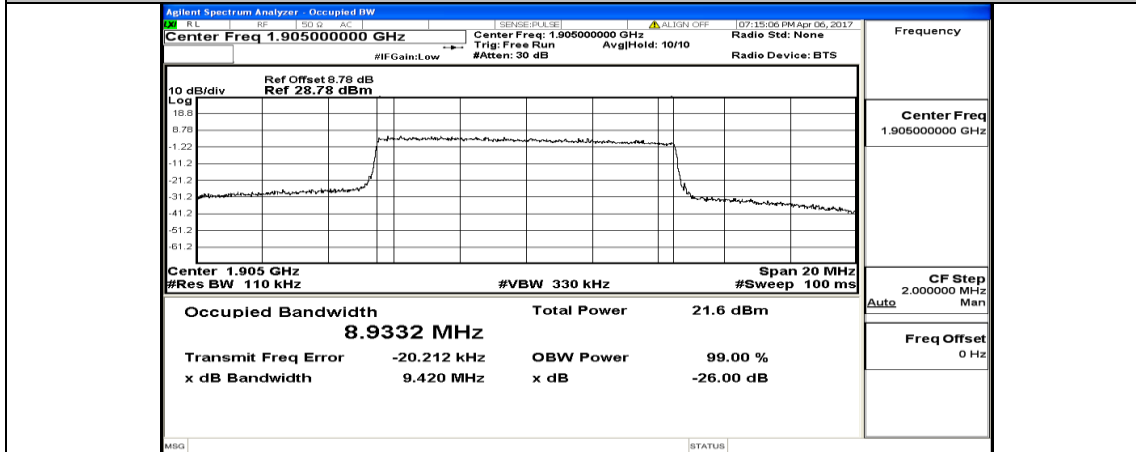
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



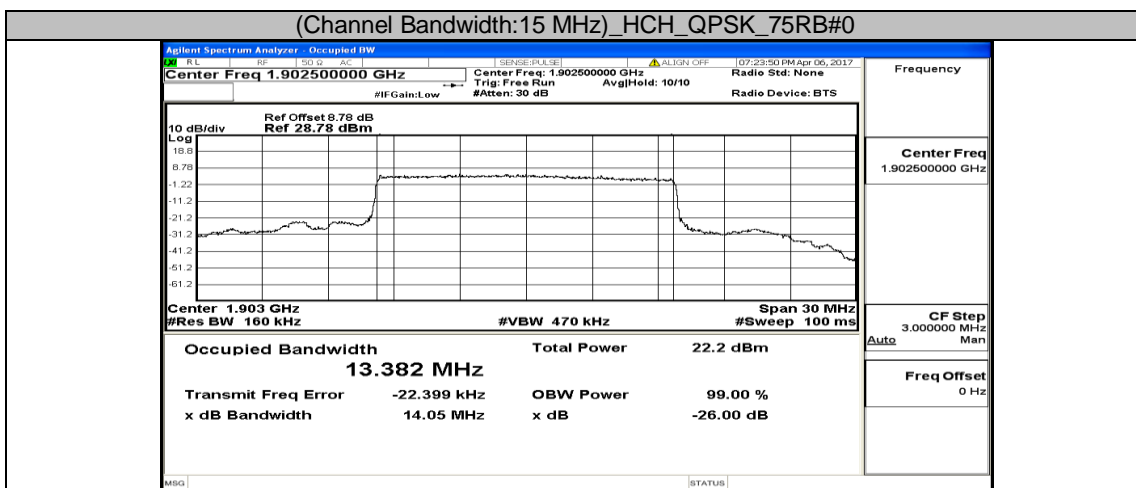
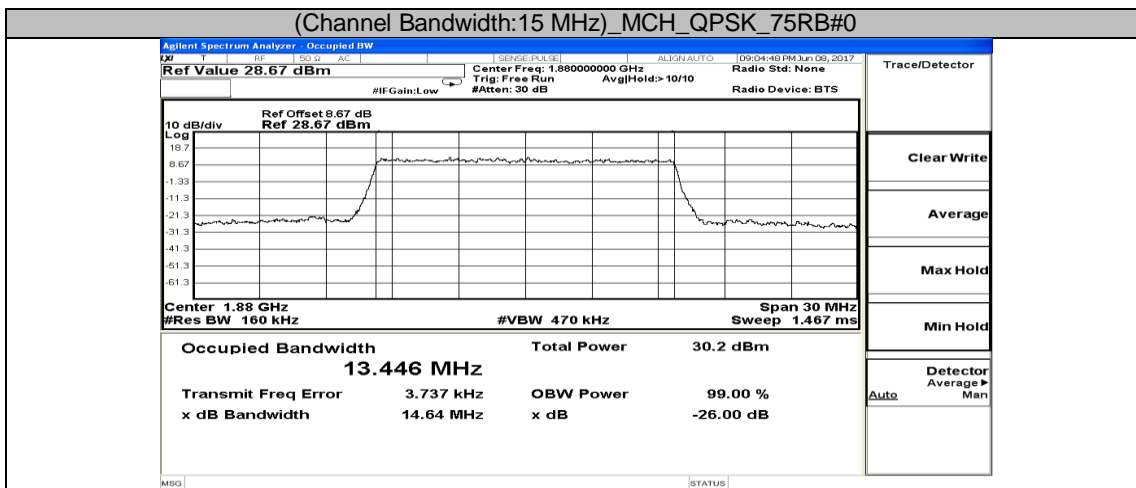
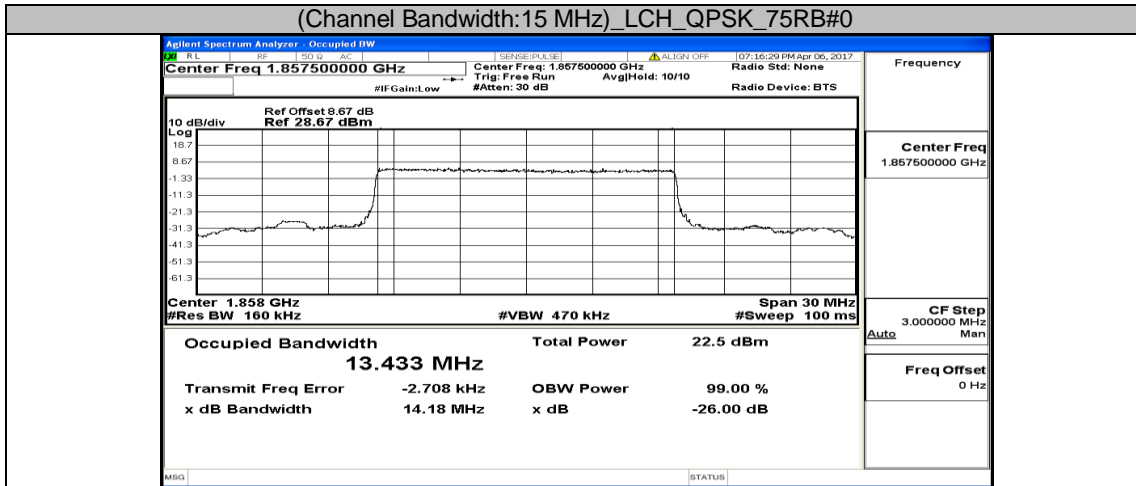
Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



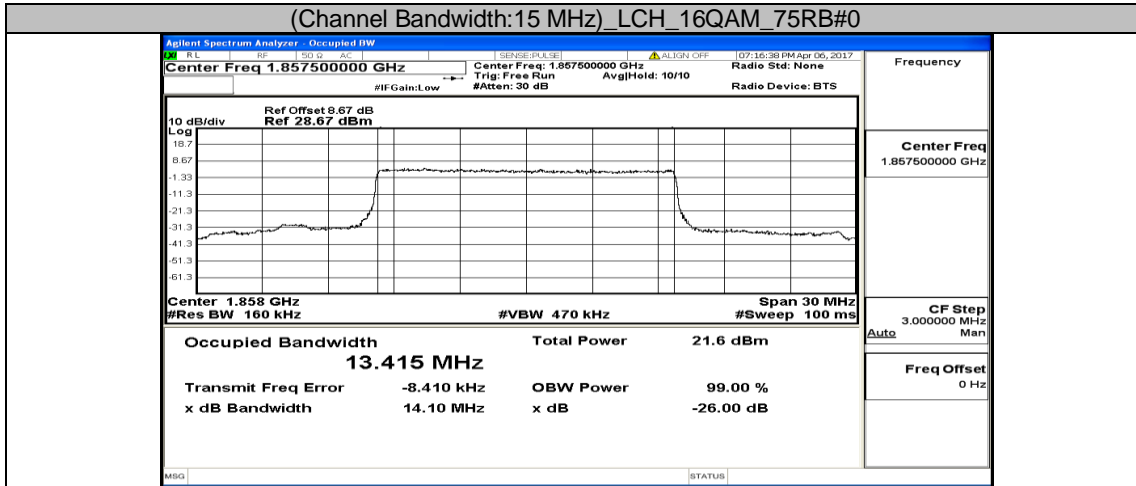
Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0



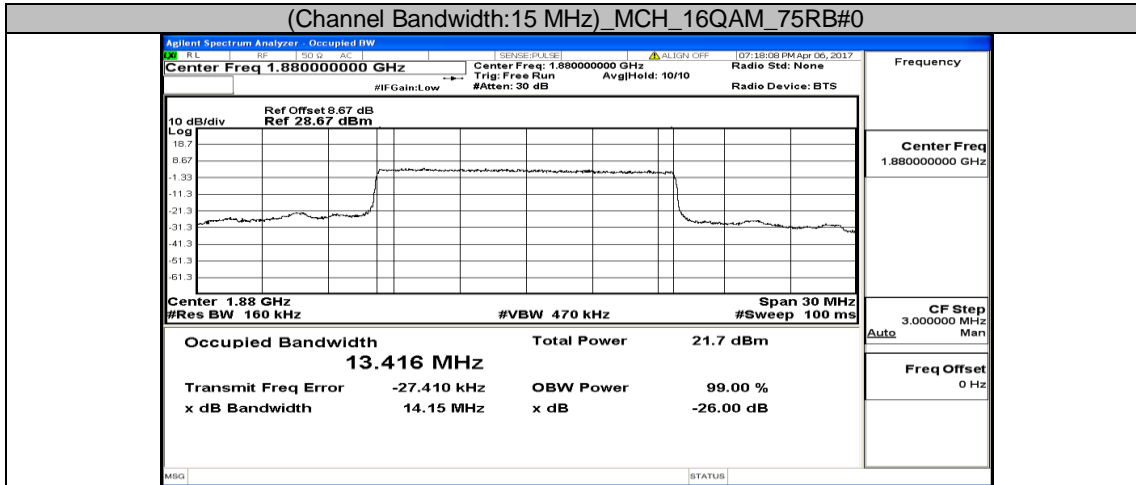
Channel Bandwidth: 15 MHz



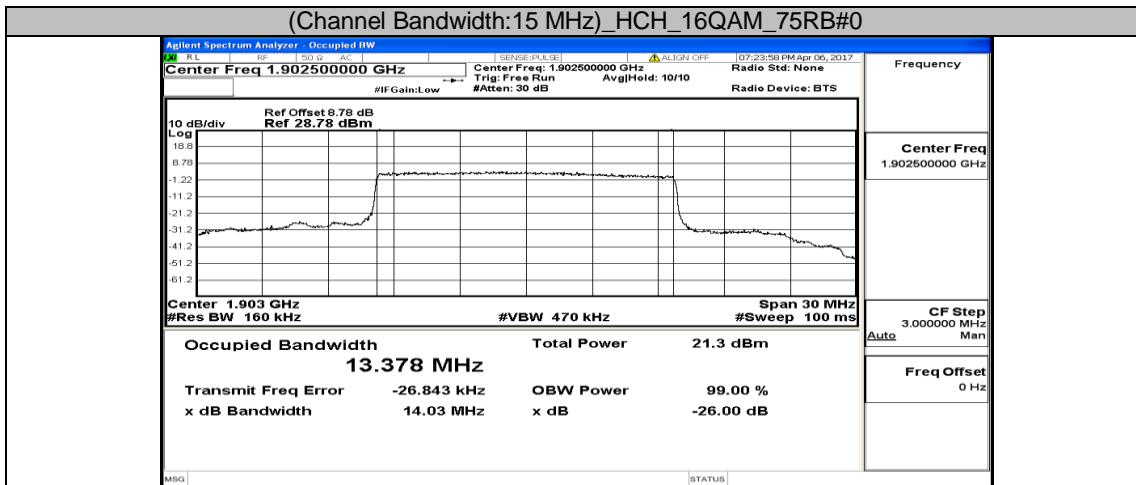
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



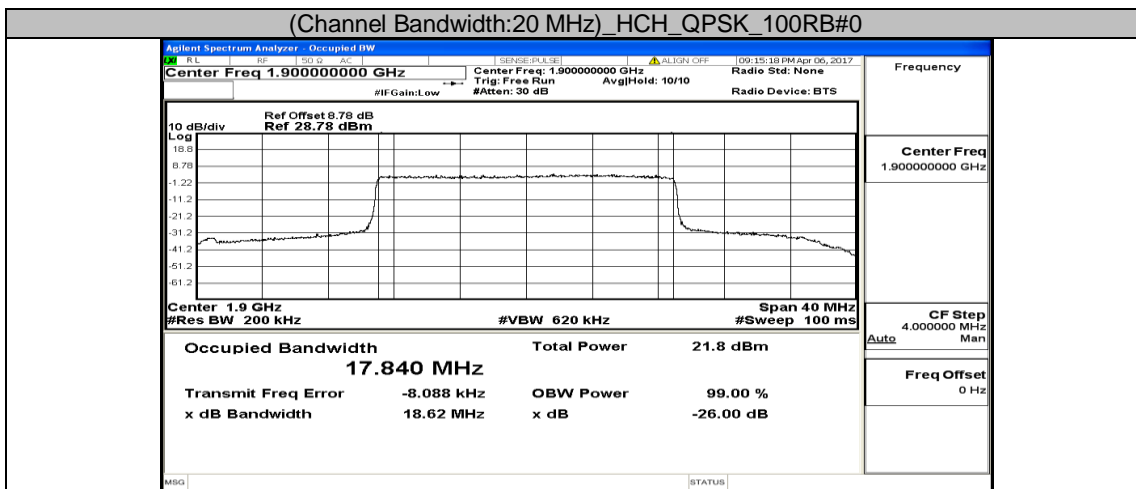
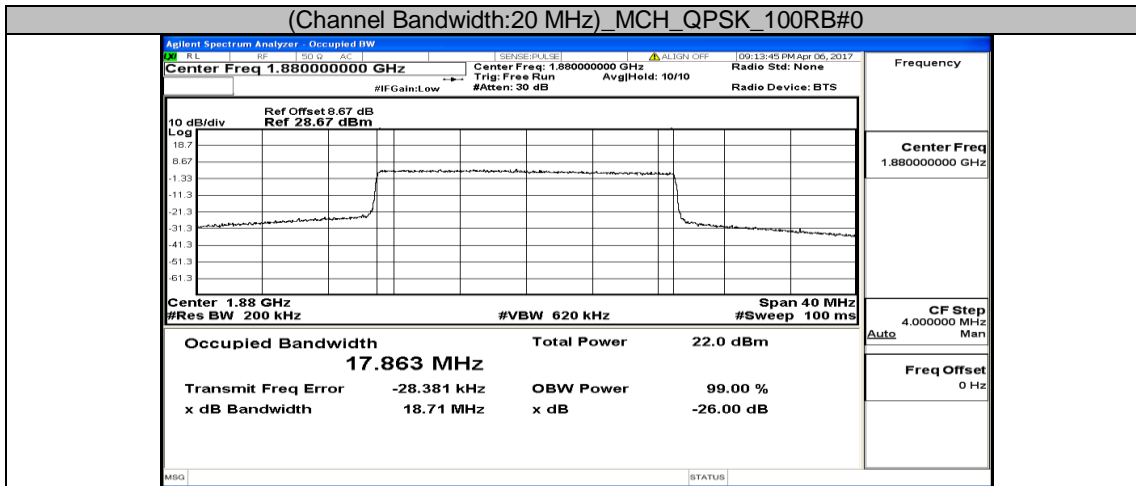
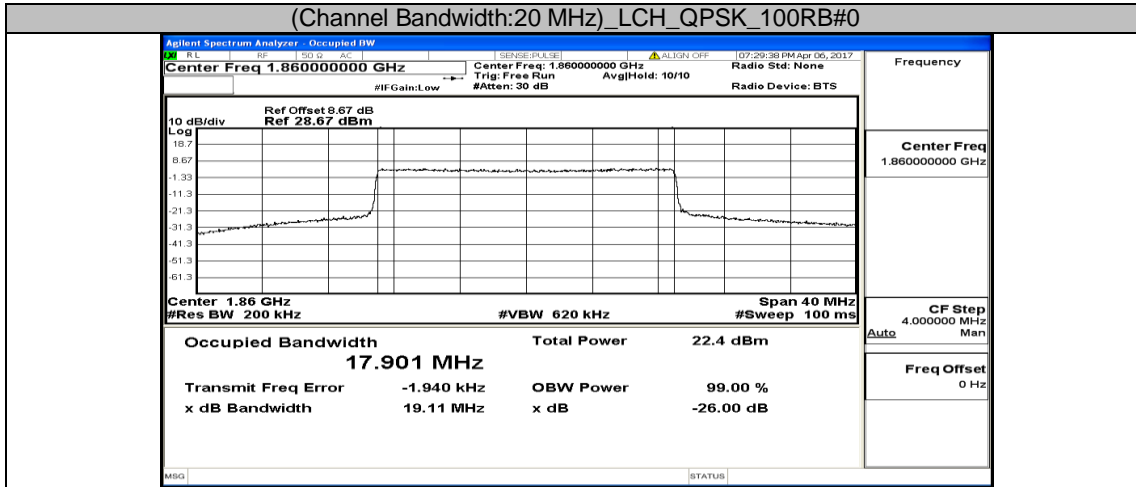
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



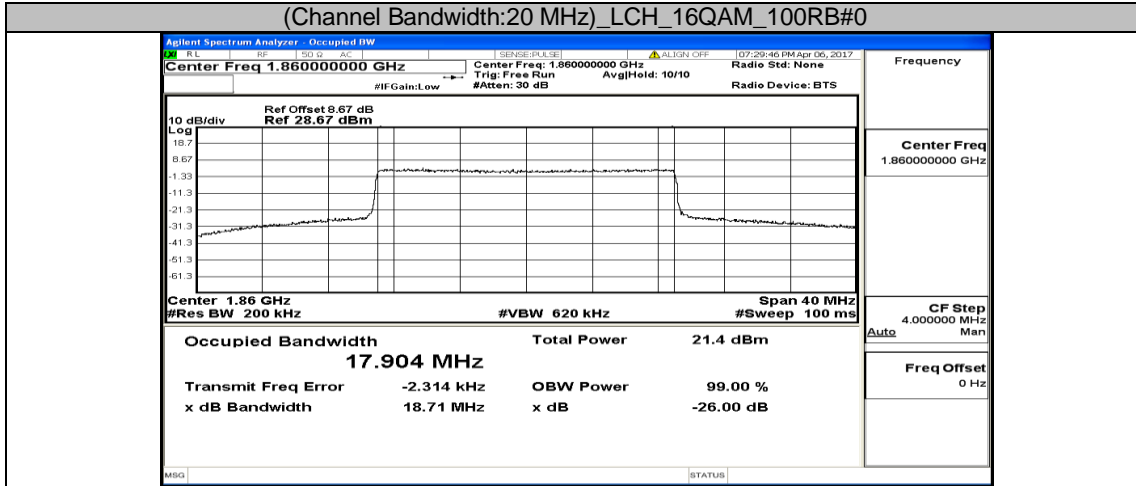
(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0



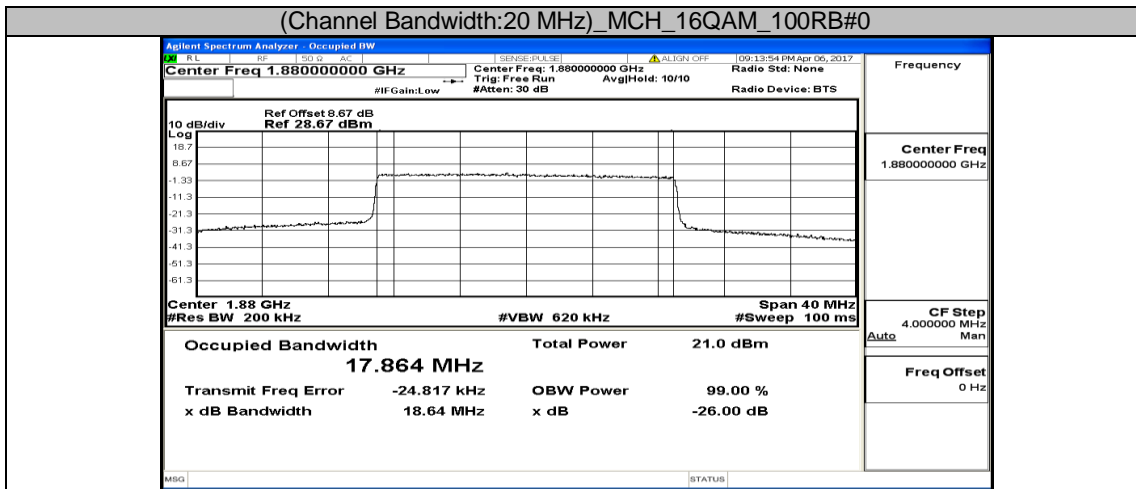
Channel Bandwidth: 20 MHz



(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0

