

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	1.0788	1.281	PASS
	MCH	6	0	1.0784	1.233	PASS
	HCH	6	0	1.0805	1.225	PASS
16QAM	LCH	6	0	1.0804	1.231	PASS
	MCH	6	0	1.0806	1.240	PASS
	HCH	6	0	1.0793	1.220	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	2.6833	2.871	PASS
	MCH	15	0	2.6840	2.874	PASS
	HCH	15	0	2.6824	2.877	PASS
16QAM	LCH	15	0	2.6825	2.866	PASS
	MCH	15	0	2.6847	2.844	PASS
	HCH	15	0	2.6857	2.872	PASS

Channel Bandwidth: 5 MHz

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Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.4802	4.839	PASS
	MCH	25	0	4.4865	4.840	PASS
	HCH	25	0	4.4829	4.868	PASS
16QAM	LCH	25	0	4.4852	4.855	PASS
	MCH	25	0	4.4791	4.793	PASS
	HCH	25	0	4.4863	4.863	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	8.9292	9.457	PASS
	MCH	50	0	8.9474	9.674	PASS
	HCH	50	0	8.9302	9.545	PASS
16QAM	LCH	50	0	8.9268	9.446	PASS
	MCH	50	0	8.9419	9.518	PASS
	HCH	50	0	8.9370	9.404	PASS

Channel Bandwidth: 15 MHz

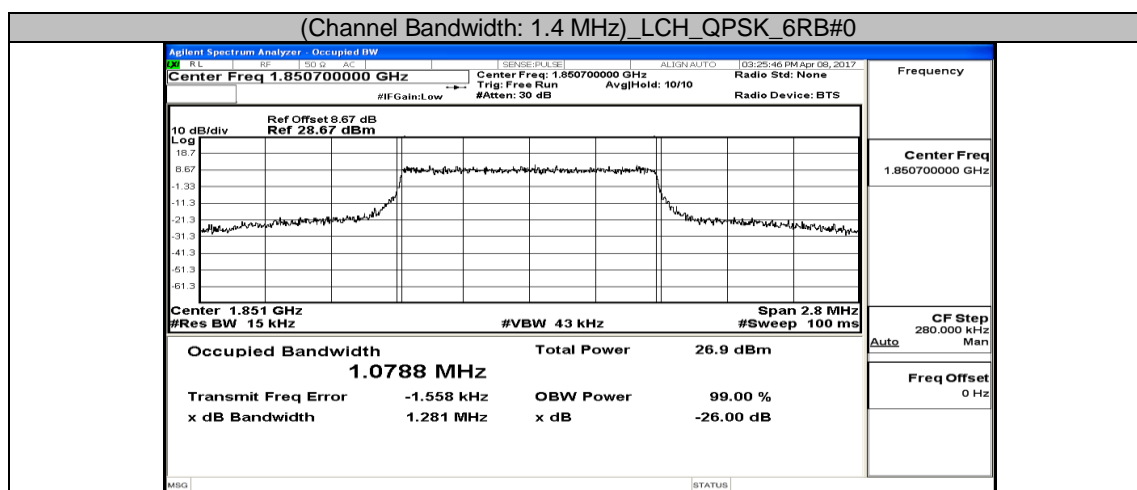
Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	75	0	13.415	14.08	PASS
	MCH	75	0	13.418	14.33	PASS
	HCH	75	0	13.399	14.11	PASS
16QAM	LCH	75	0	13.403	14.05	PASS
	MCH	75	0	13.411	14.08	PASS
	MCH	75	0	13.397	14.05	PASS

Channel Bandwidth: 20 MHz

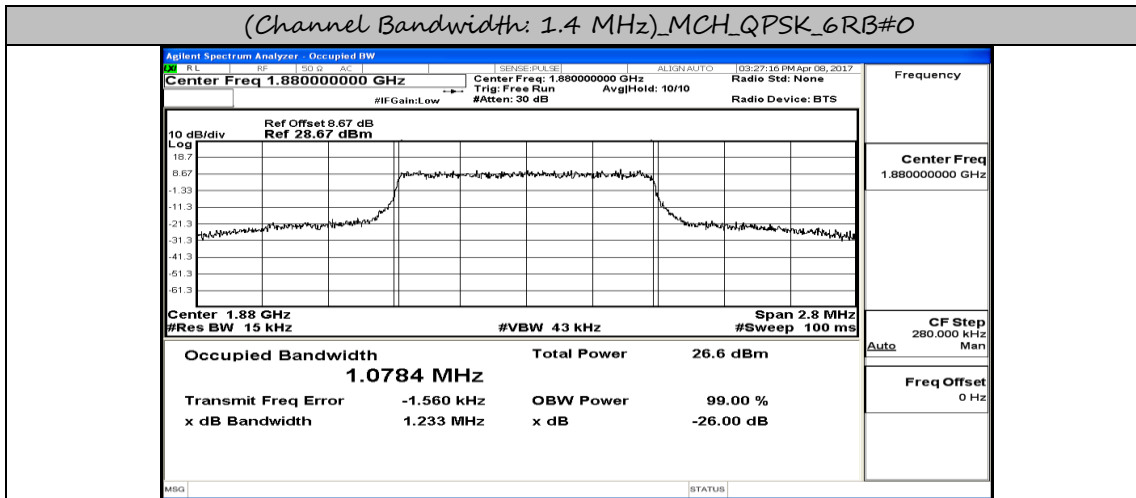
Channel Bandwidth: 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.894	18.70	PASS
	MCH	100	0	17.855	18.69	PASS
	HCH	100	0	17.879	18.63	PASS
16QAM	LCH	100	0	17.906	18.69	PASS
	MCH	100	0	17.859	18.64	PASS
	HCH	100	0	17.856	18.68	PASS

Test Graphs

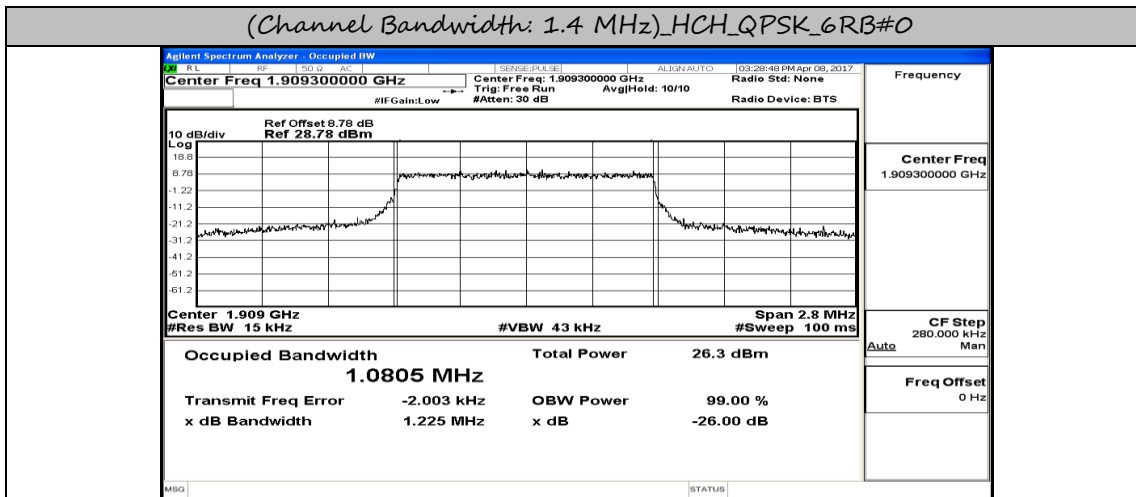
Channel Bandwidth: 1.4 MHz



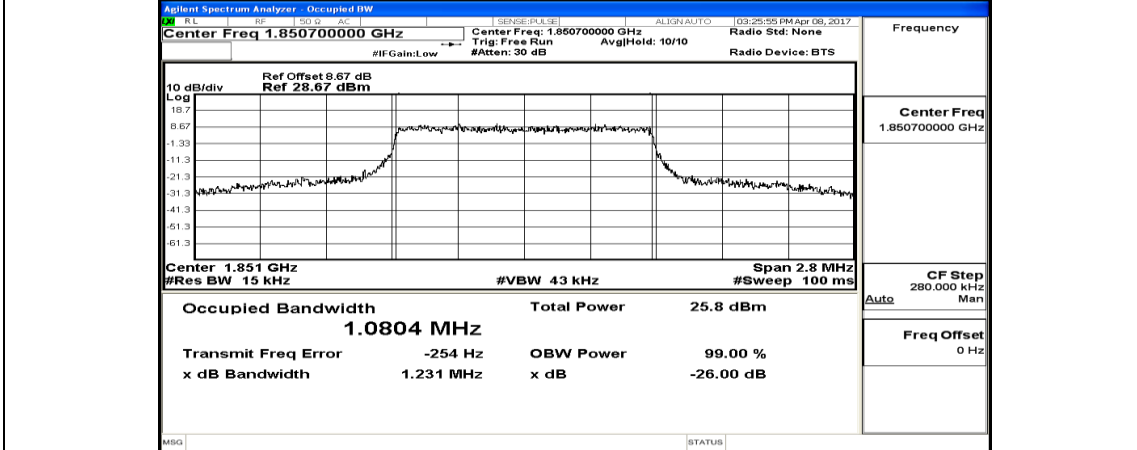
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



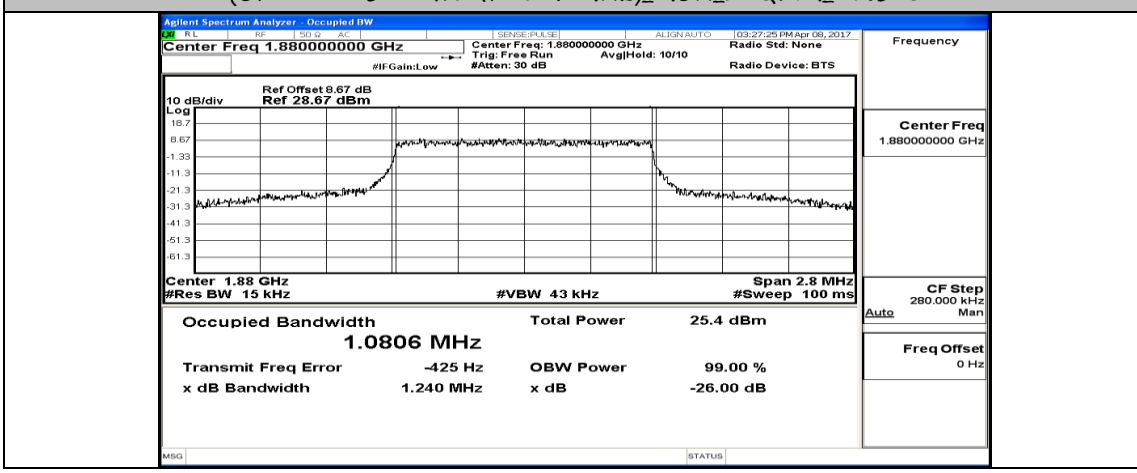
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



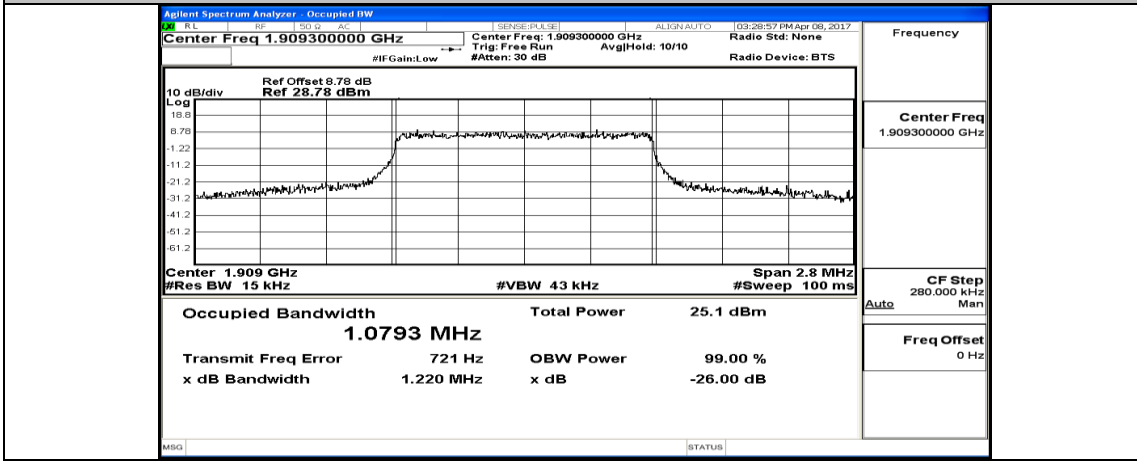
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



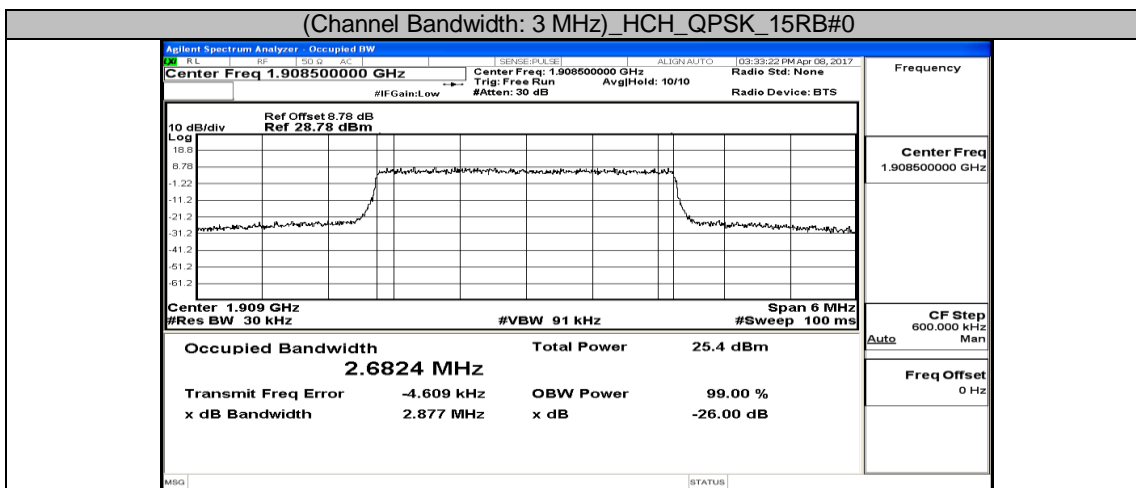
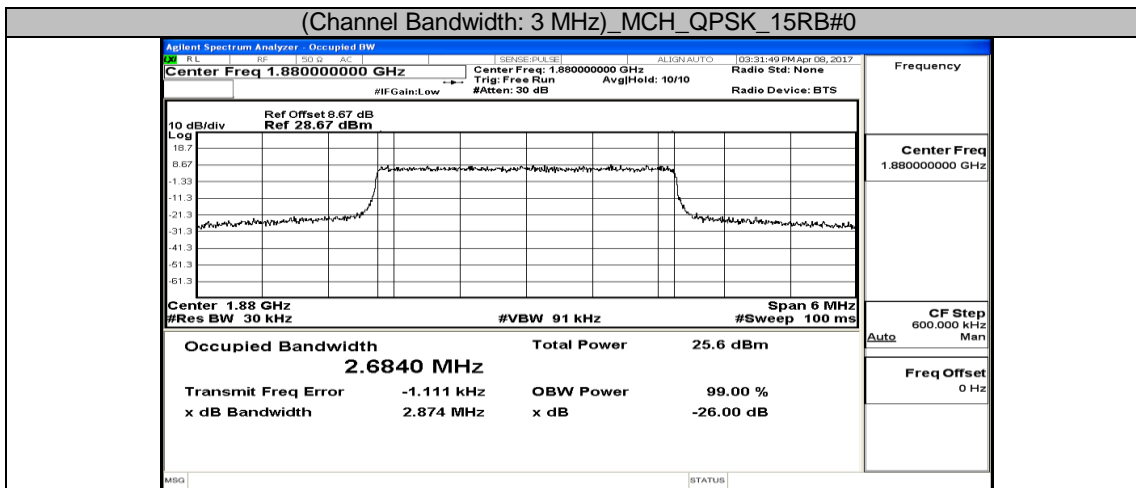
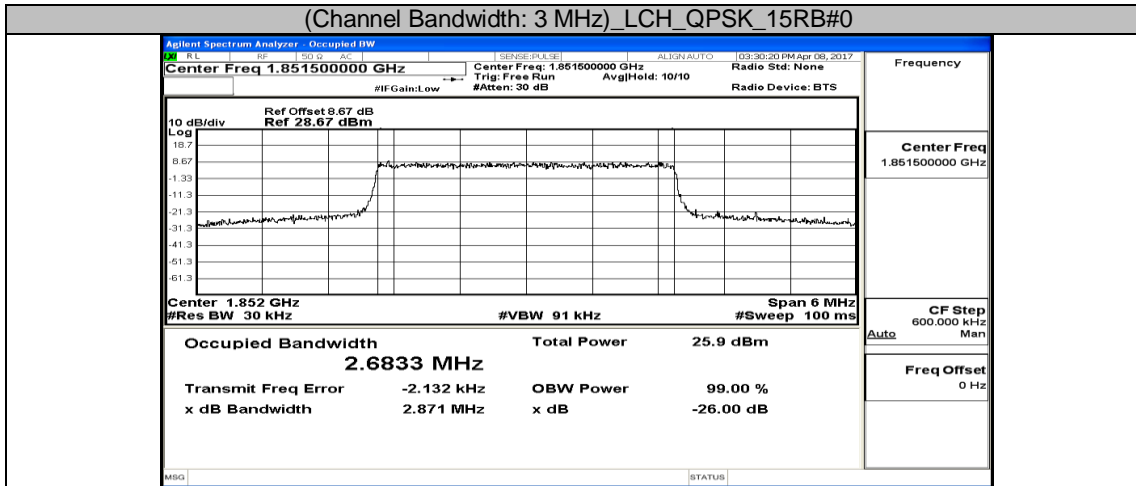
(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0



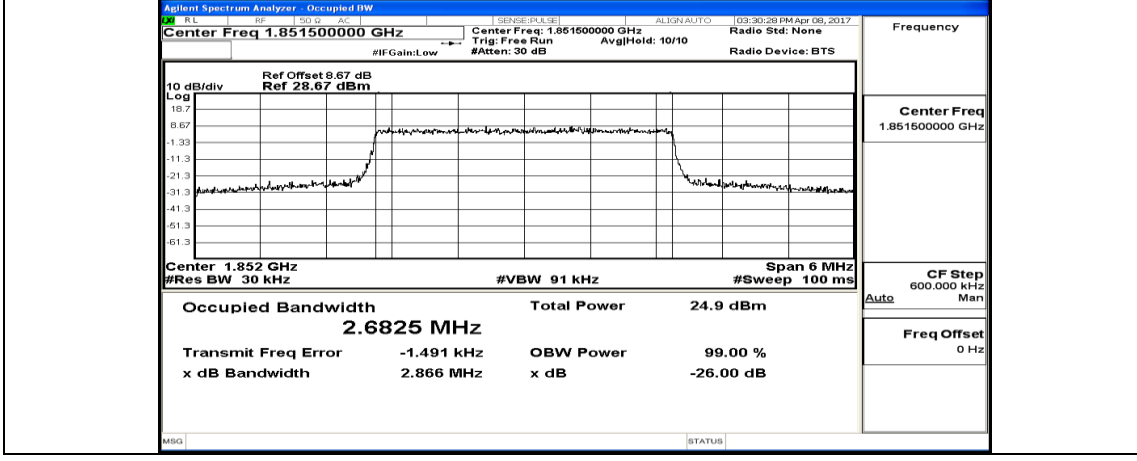
(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



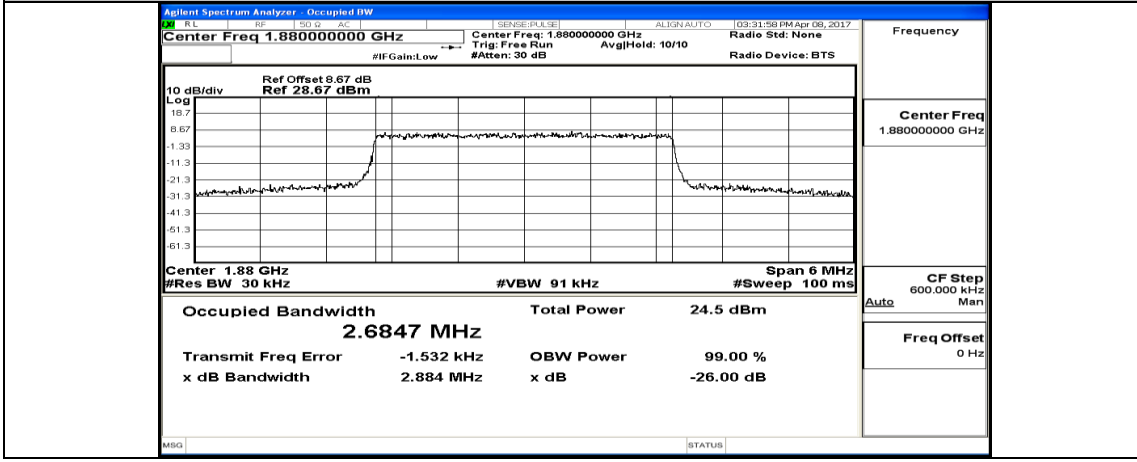
Channel Bandwidth: 3 MHz



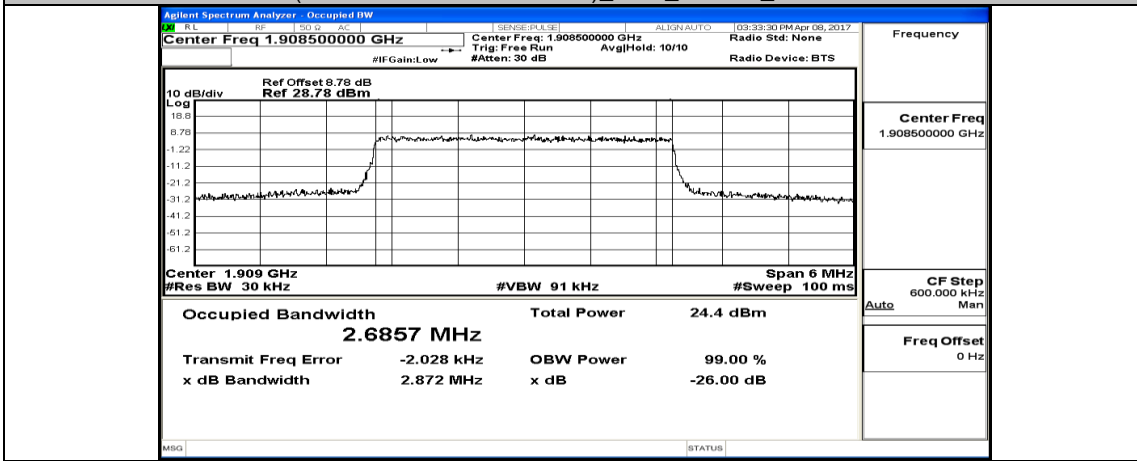
(Channel Bandwidth: 3 MHz) _LCH_16QAM_15RB#0



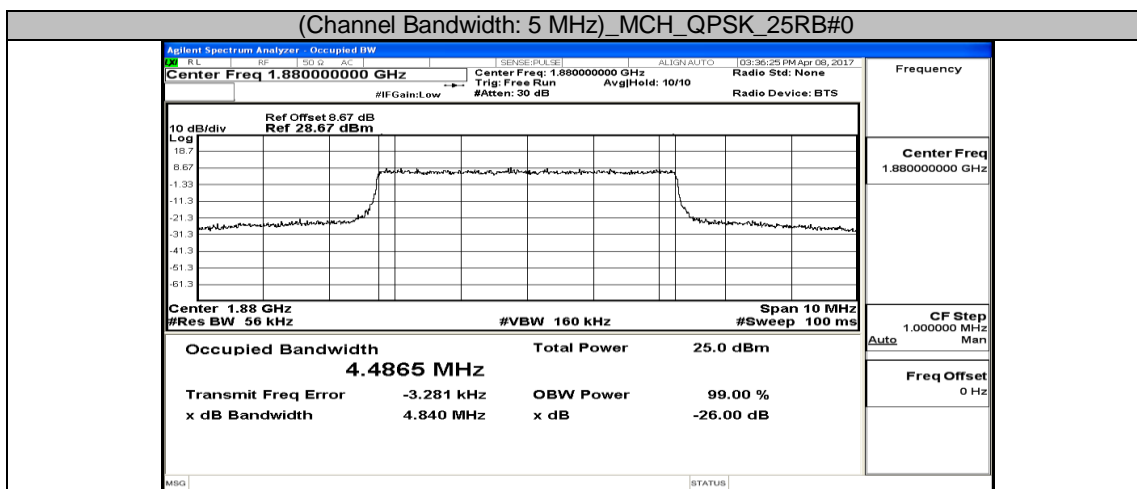
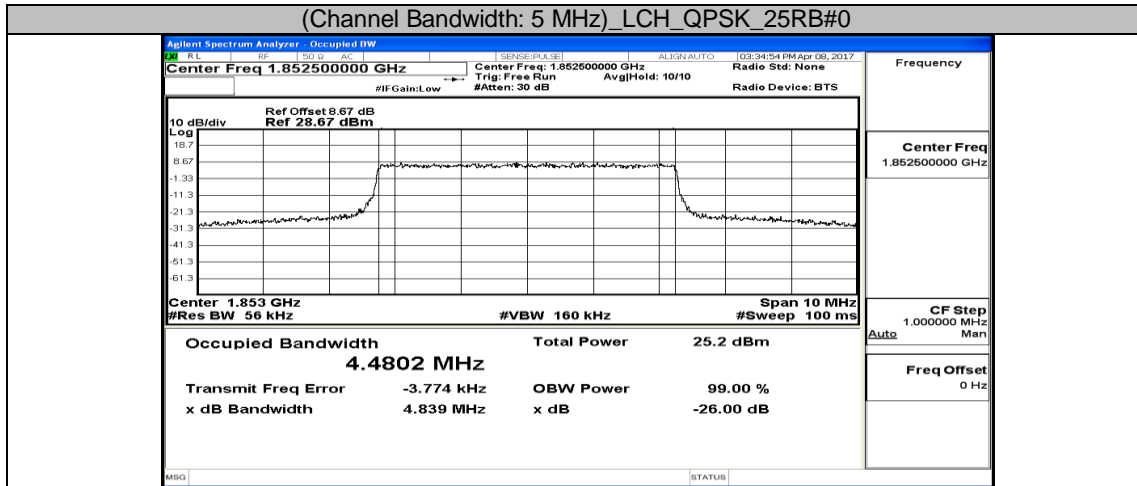
(Channel Bandwidth: 3 MHz) _MCH_16QAM_15RB#0



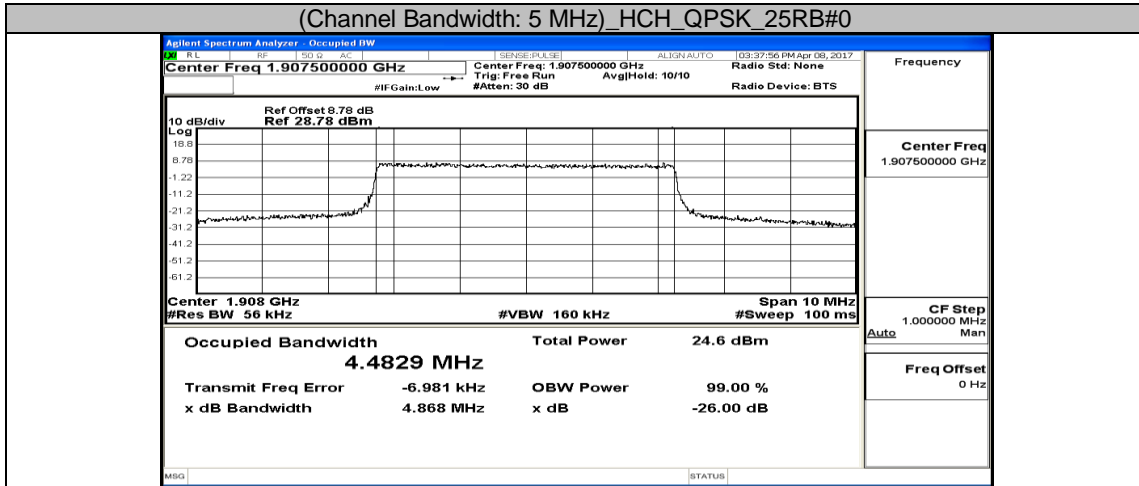
(Channel Bandwidth: 3 MHz) _HCH_16QAM_15RB#0



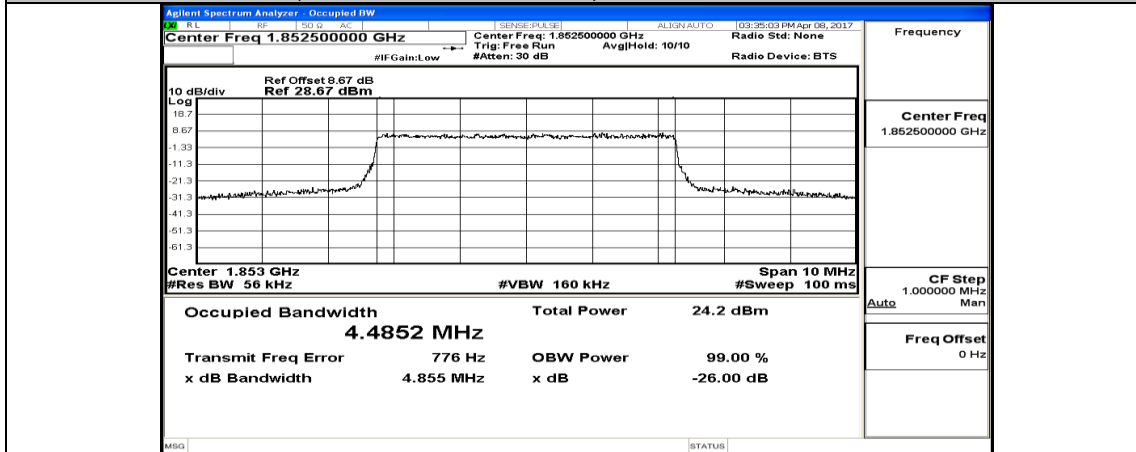
Channel Bandwidth: 5 MHz



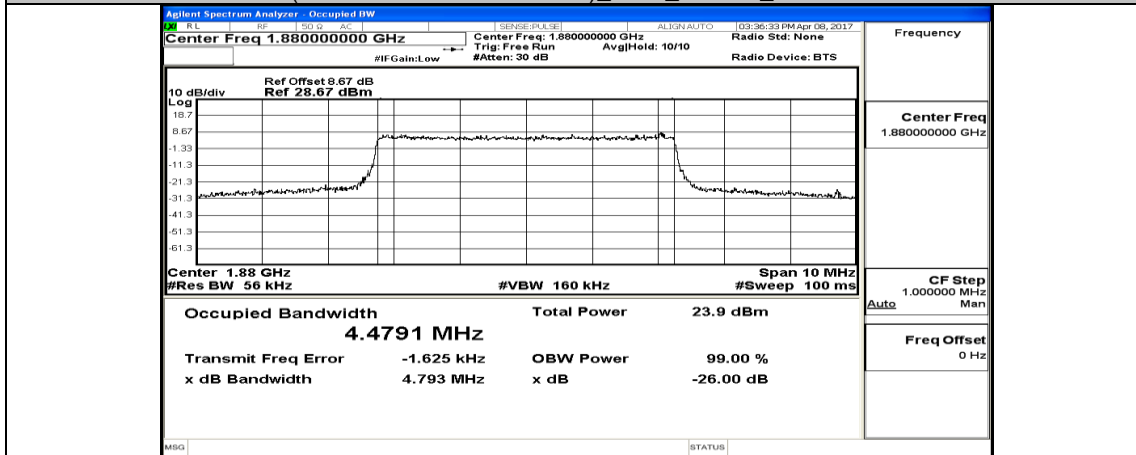
(Channel Bandwidth: 5 MHz) HCH QPSK 25RB#0



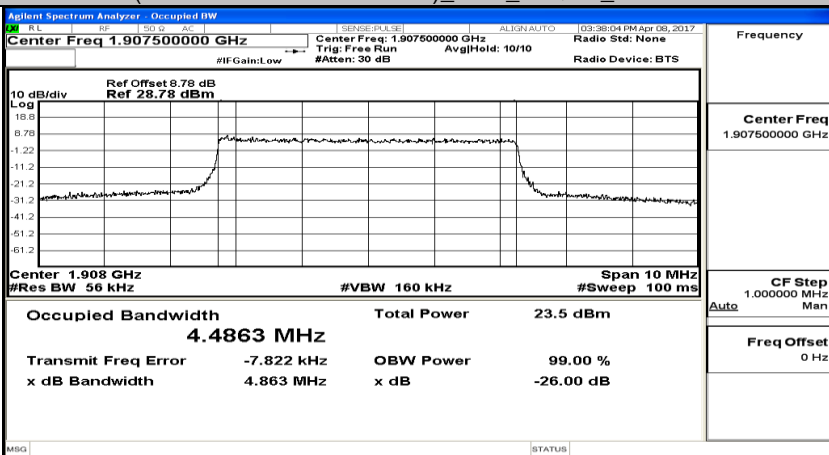
(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0



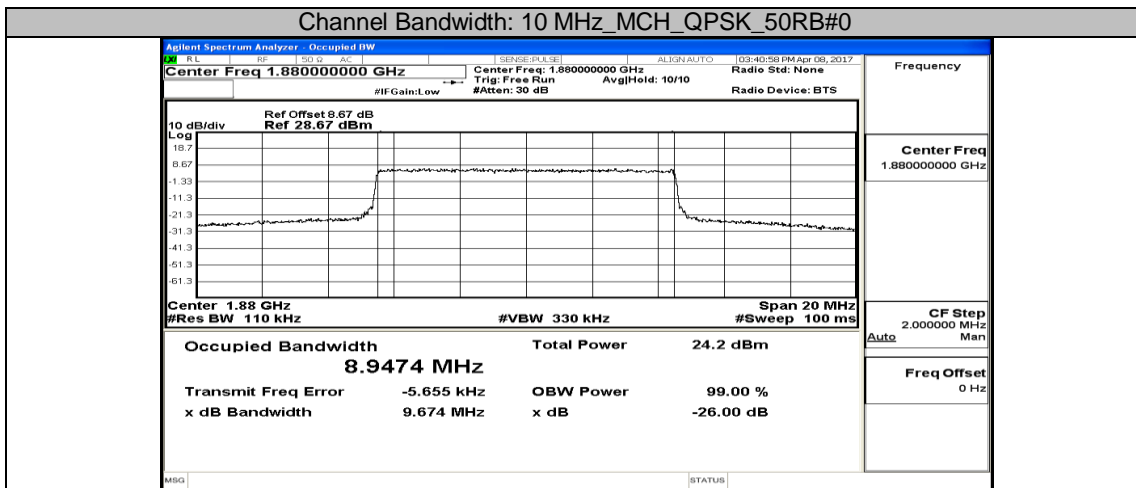
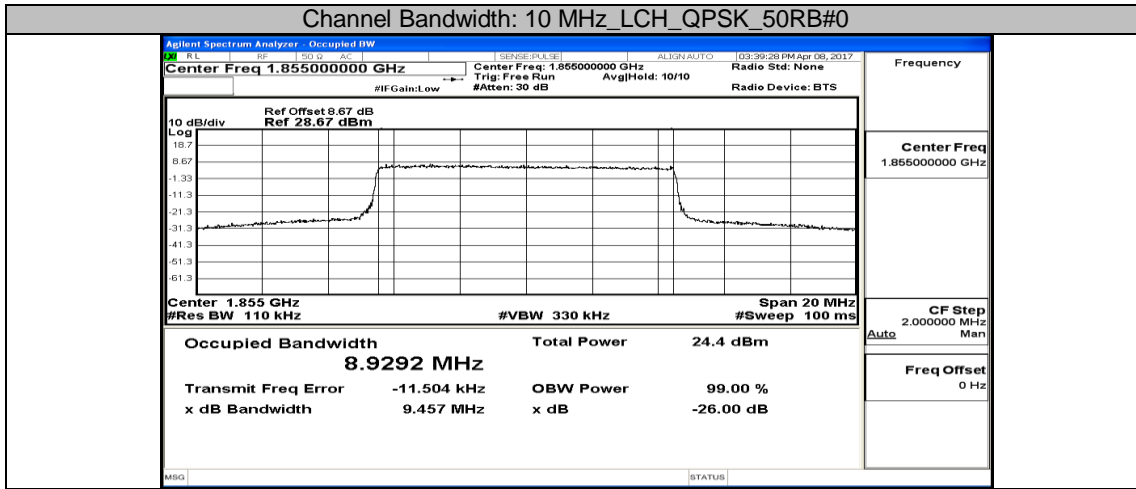
(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



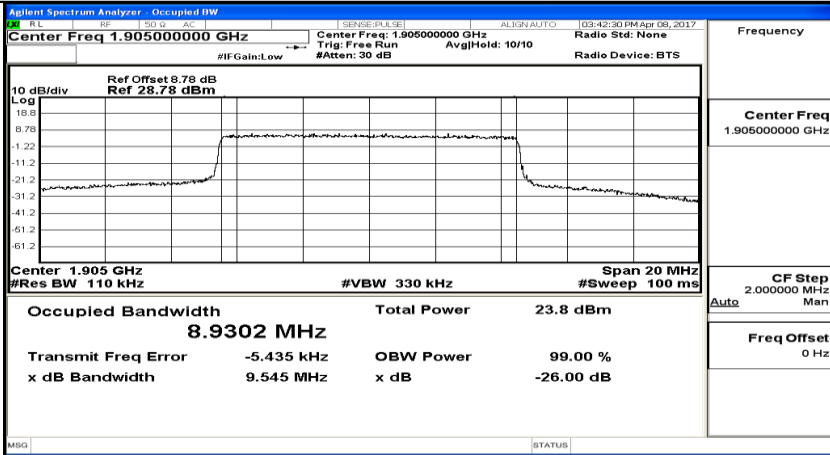
(Channel Bandwidth: 5 MHz)_HCH_16QAM_25RB#0



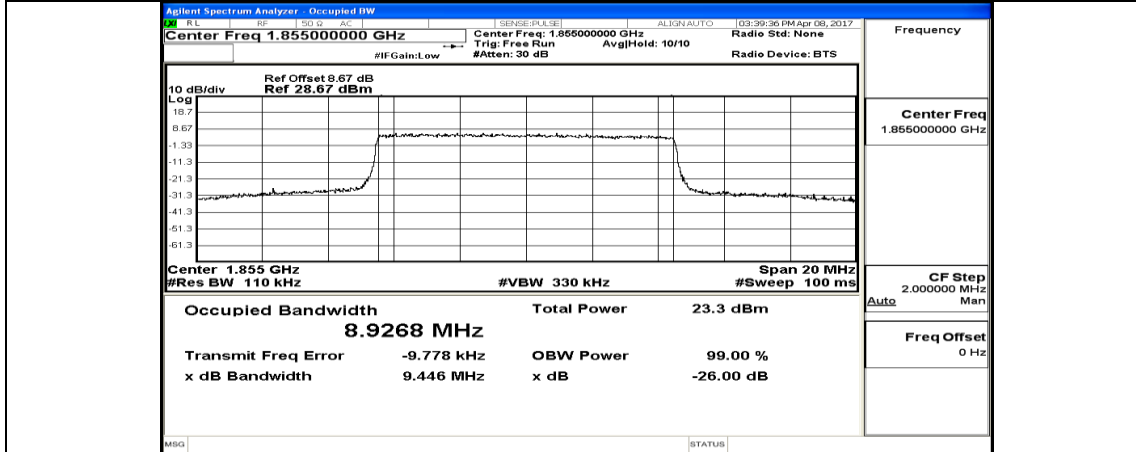
Channel Bandwidth: 10 MHz



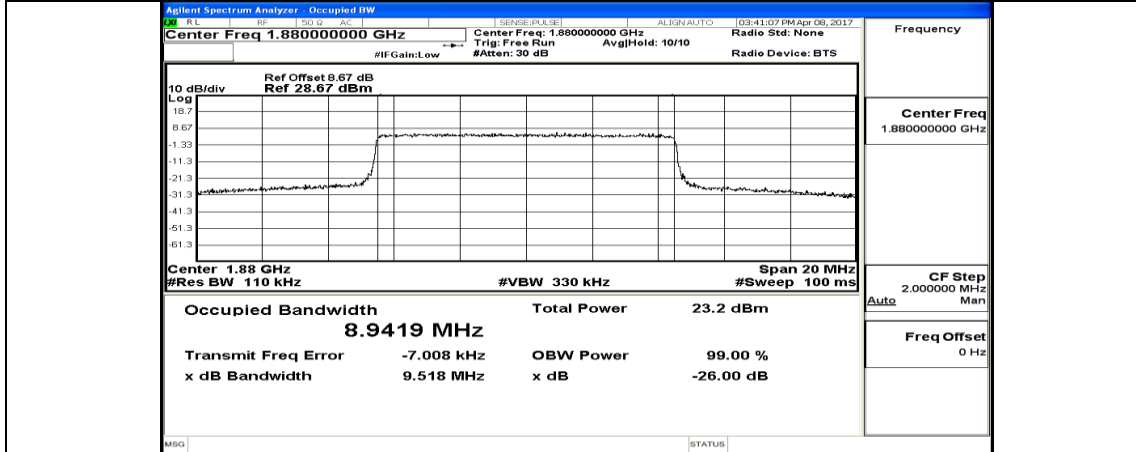
Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



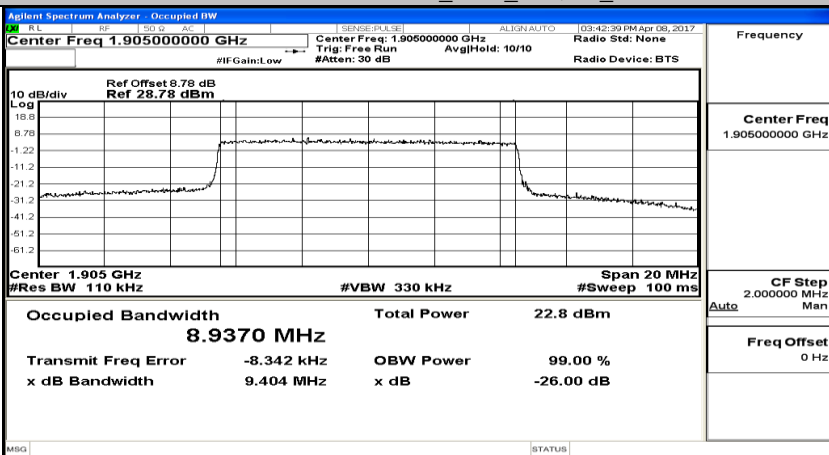
Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

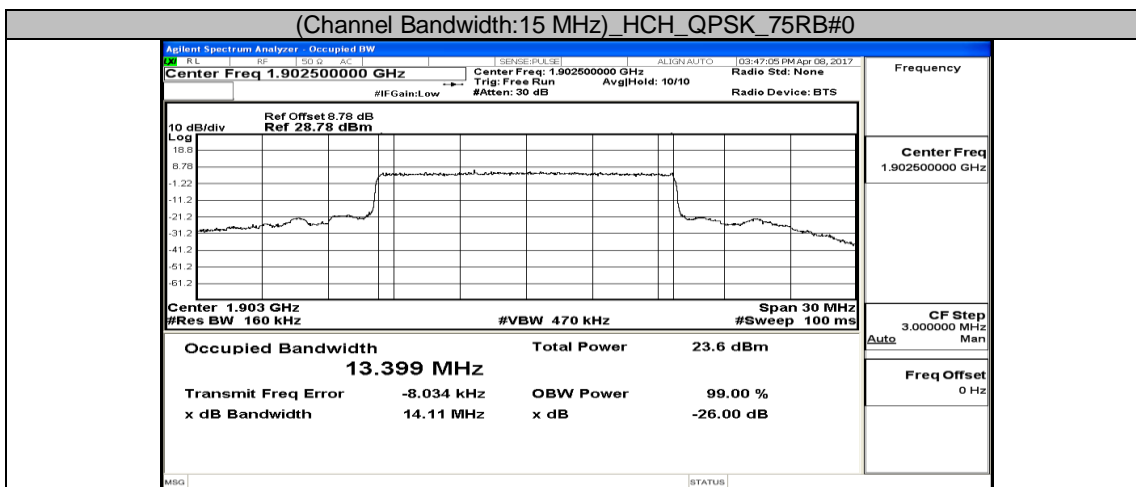
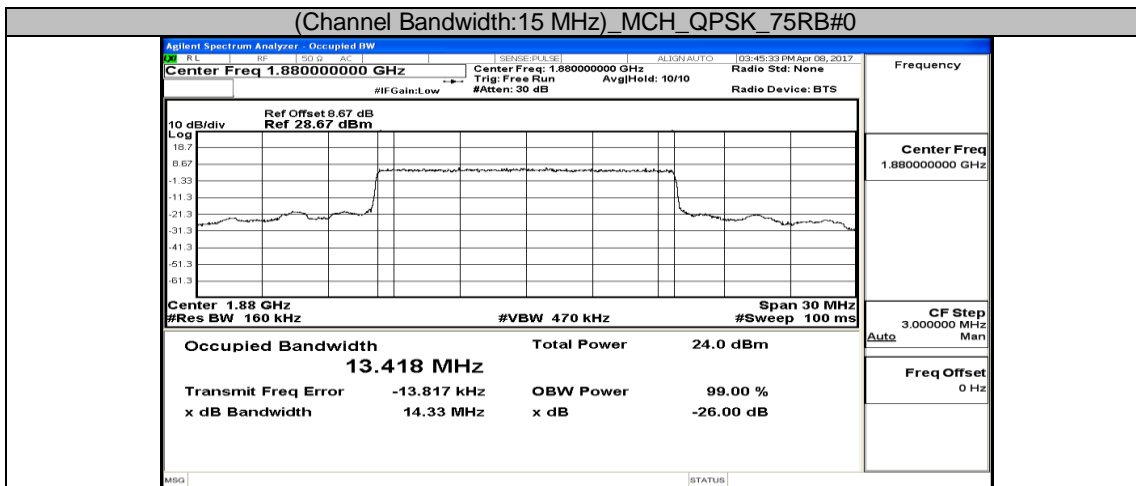
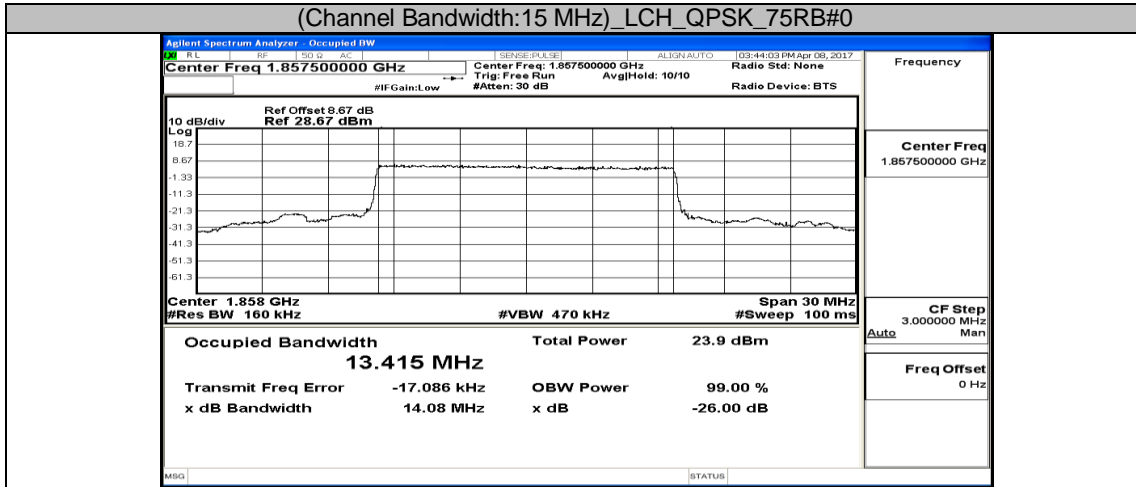


Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

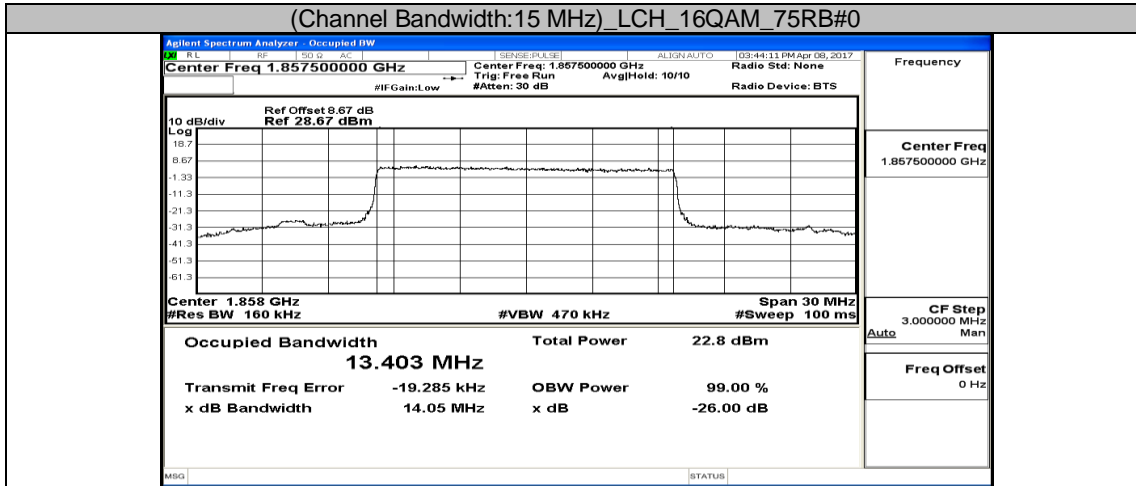


Frequency	Center Freq 1.905000000 GHz
CF Step	2.000000 MHz
Auto	Man
Freq Offset	0 Hz

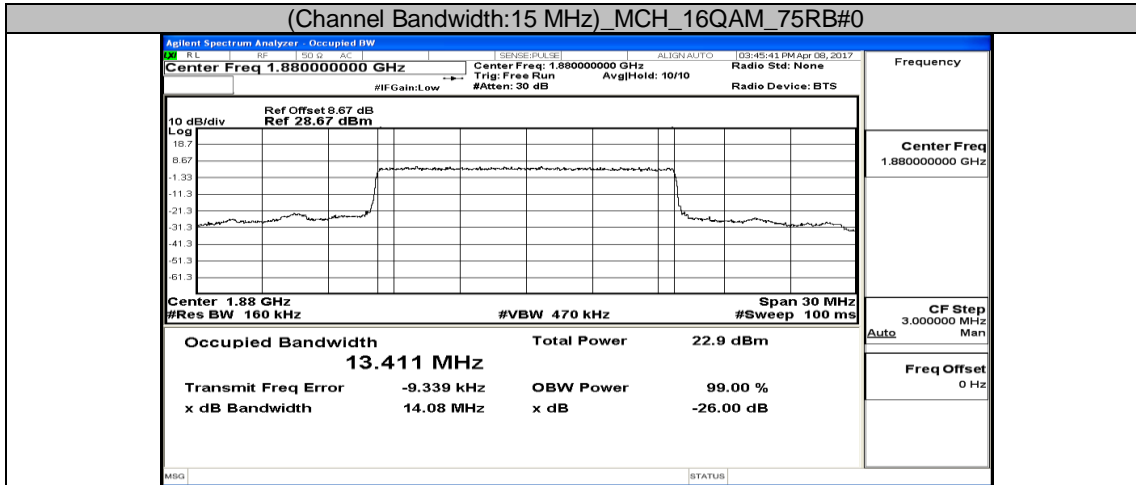
Channel Bandwidth: 15 MHz



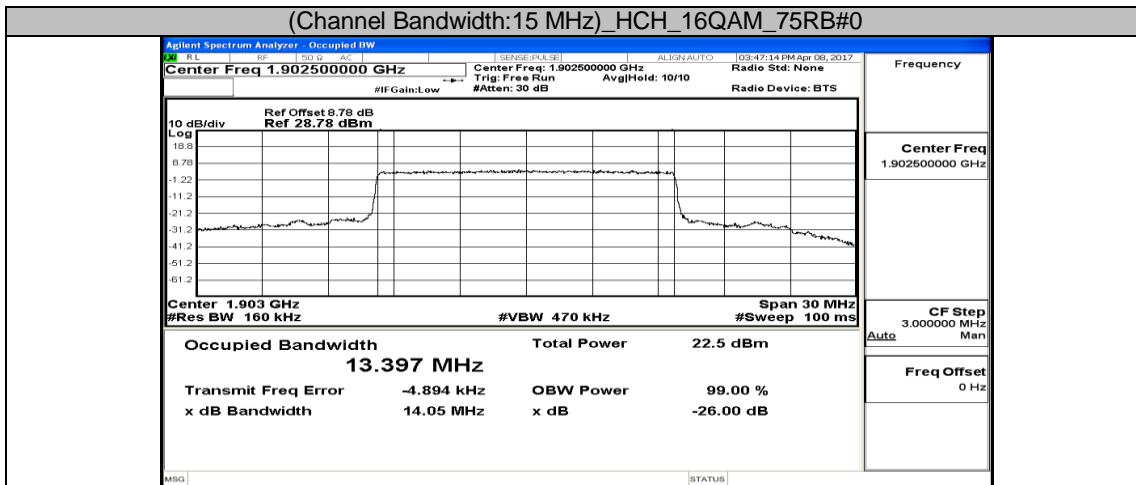
(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



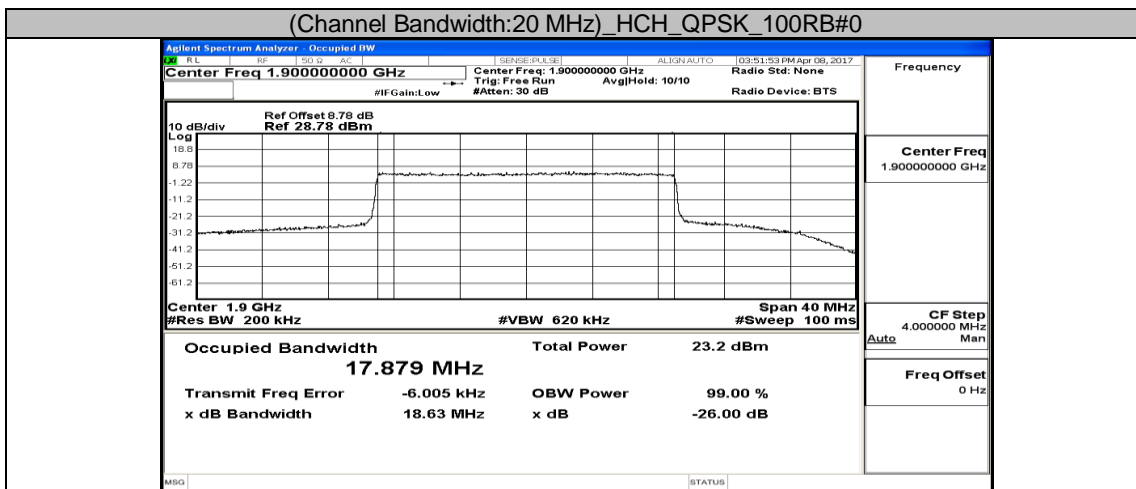
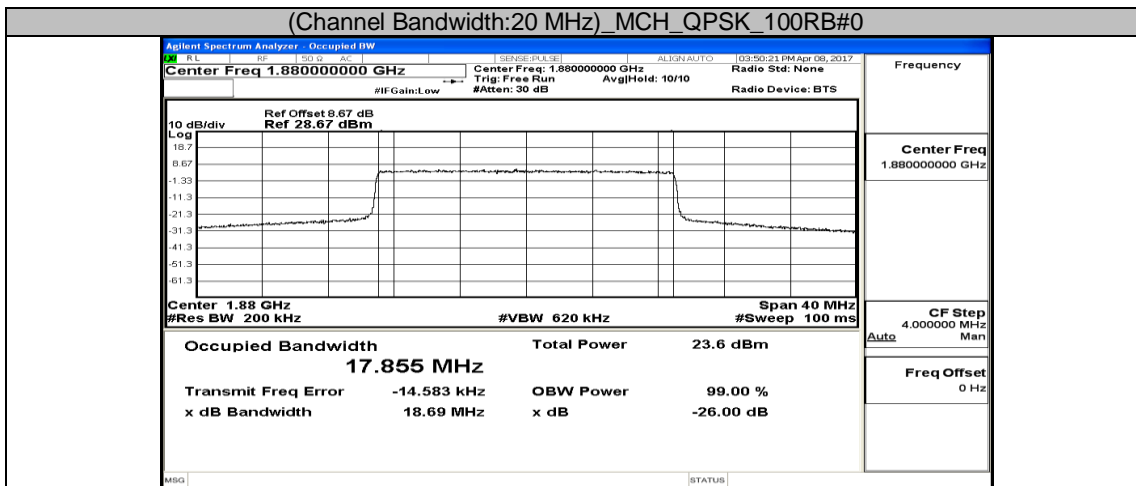
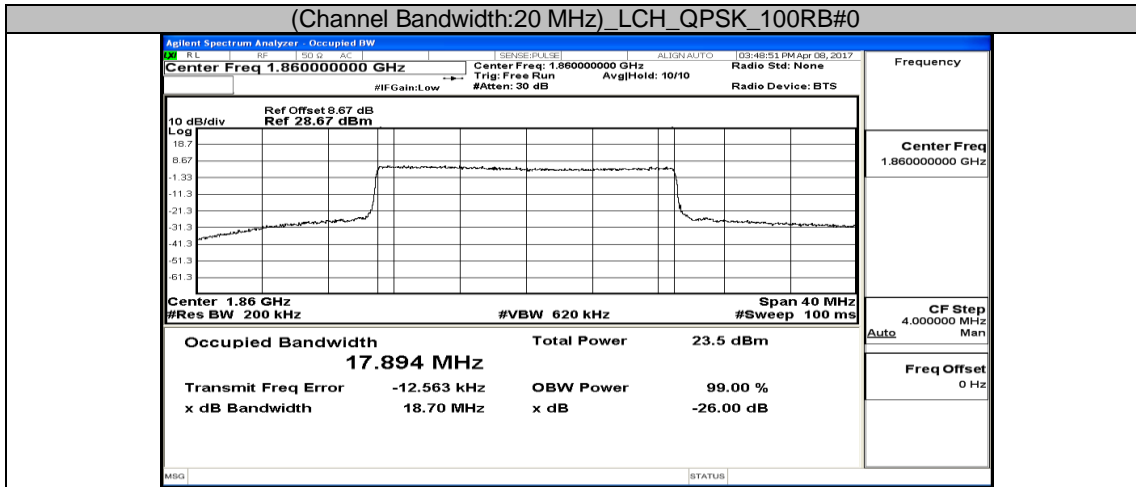
(Channel Bandwidth:15 MHz)_MCH_16QAM_75RB#0



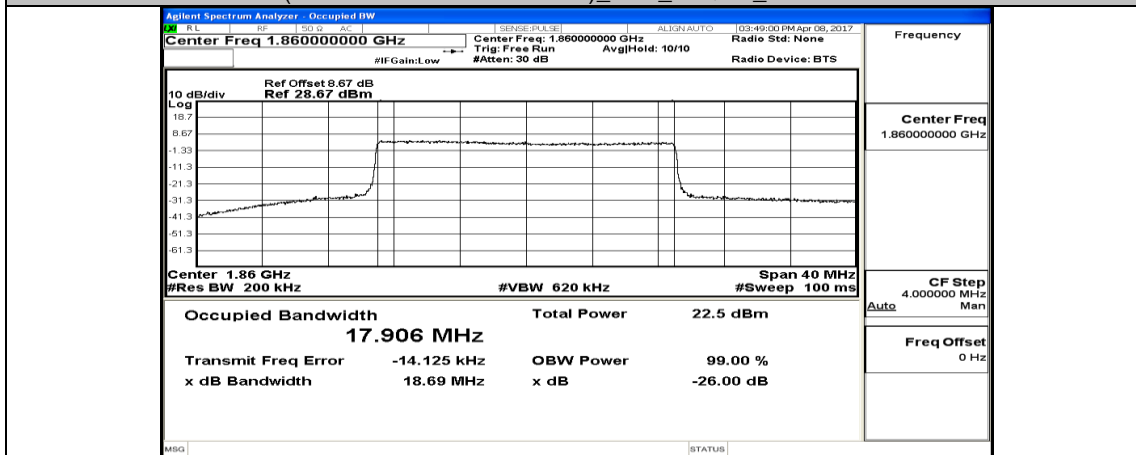
(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0



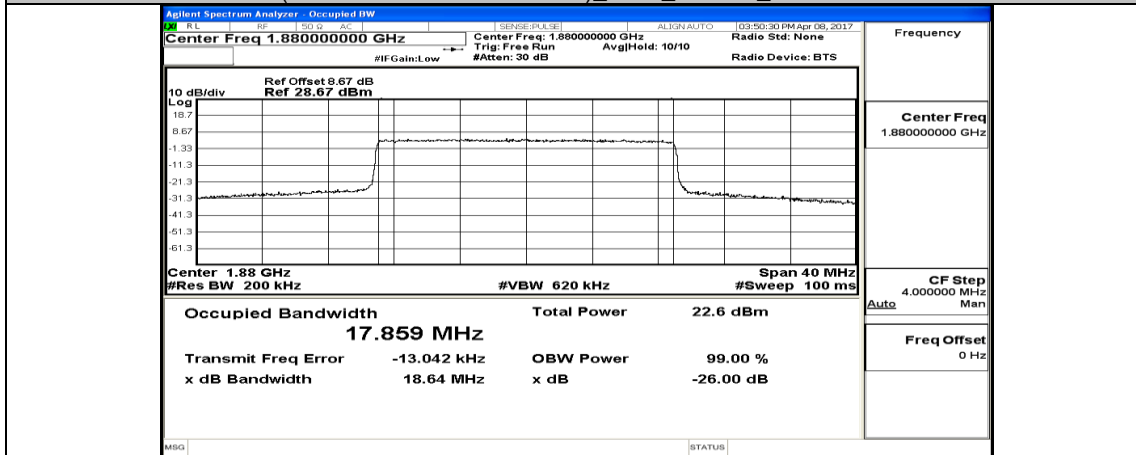
Channel Bandwidth: 20 MHz



(Channel Bandwidth:20 MHz)_LCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_MCH_16QAM_100RB#0



(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0

