

## Appendix C: 26dB Bandwidth and Occupied Bandwidth LTE Band 7 Test Result

### 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	4.4854	4.839	PASS
	MCH	25	0	4.4773	4.824	PASS
	HCH	25	0	4.4924	4.859	PASS
16QAM	LCH	25	0	4.4790	4.809	PASS
	MCH	25	0	4.4846	4.838	PASS
	HCH	25	0	4.4840	4.866	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	8.9502	9.412	PASS
	MCH	50	0	8.9504	9.412	PASS
	HCH	50	0	8.9459	9.458	PASS
16QAM	LCH	50	0	8.9344	9.495	PASS
	MCH	50	0	8.9422	9.411	PASS
	HCH	50	0	8.9550	9.551	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	13.391	14.07	PASS
	MCH	75	0	13.435	13.99	PASS
	HCH	75	0	13.470	14.13	PASS
16QAM	LCH	75	0	13.382	14.00	PASS
	MCH	75	0	13.414	14.03	PASS
	MCH	75	0	13.452	14.14	PASS

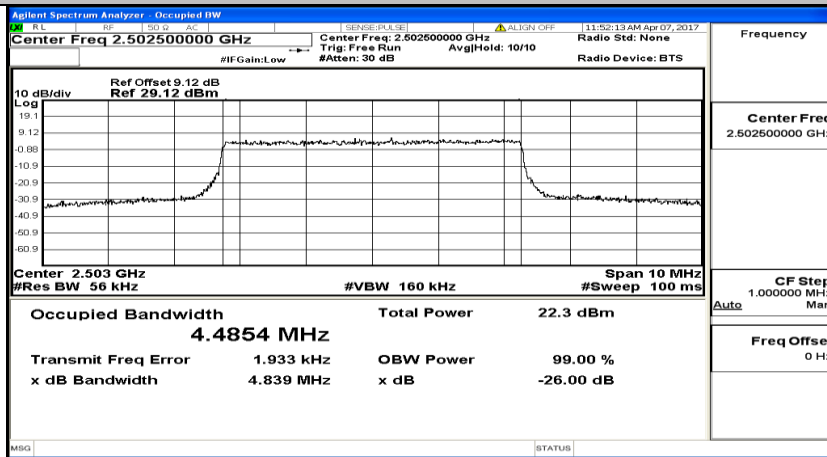
### Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.823	18.64	PASS
	MCH	100	0	17.895	18.60	PASS
	HCH	100	0	17.959	18.83	PASS
16QAM	LCH	100	0	17.806	18.55	PASS
	MCH	100	0	17.903	18.57	PASS
	HCH	100	0	17.952	18.80	PASS

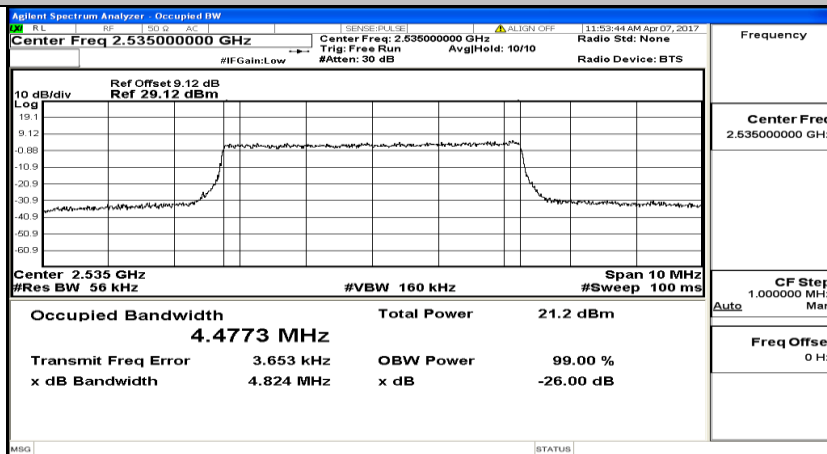
# Test Graphs

## Channel Bandwidth: 5 MHz

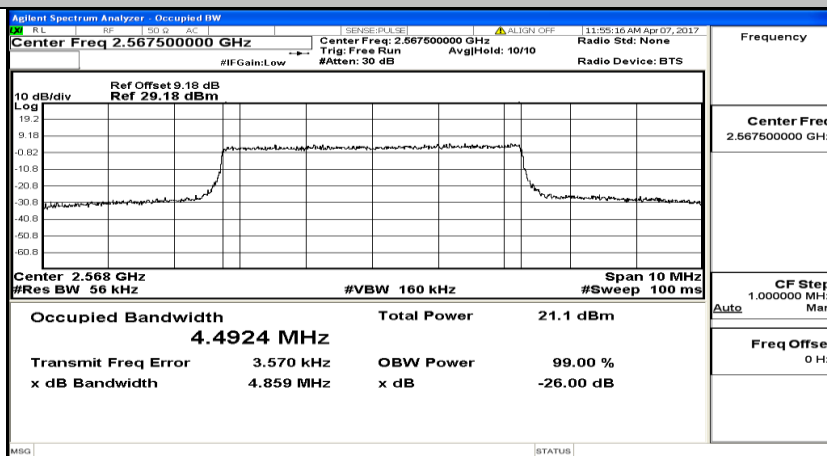
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_25RB#0



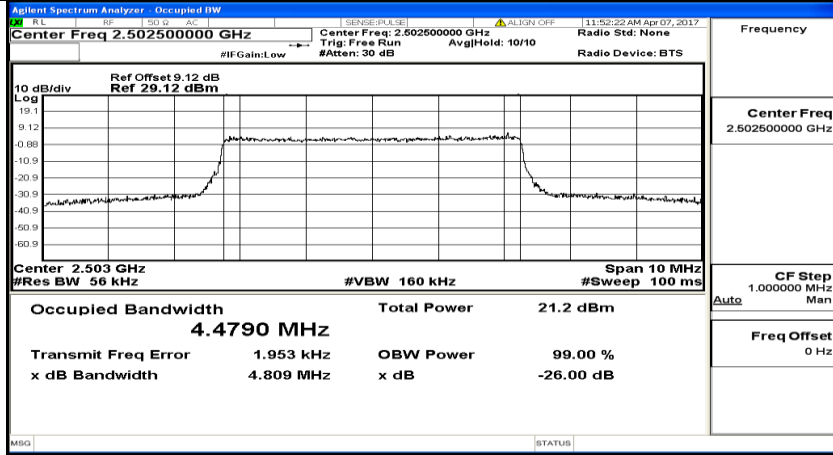
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_25RB#0



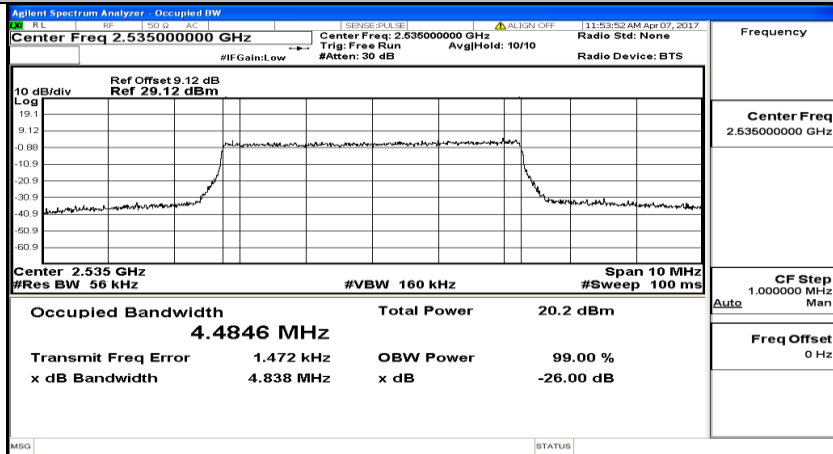
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0



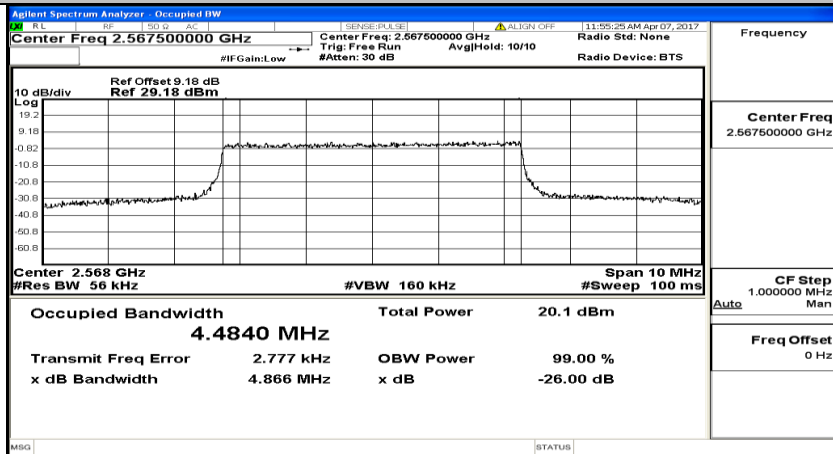
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0



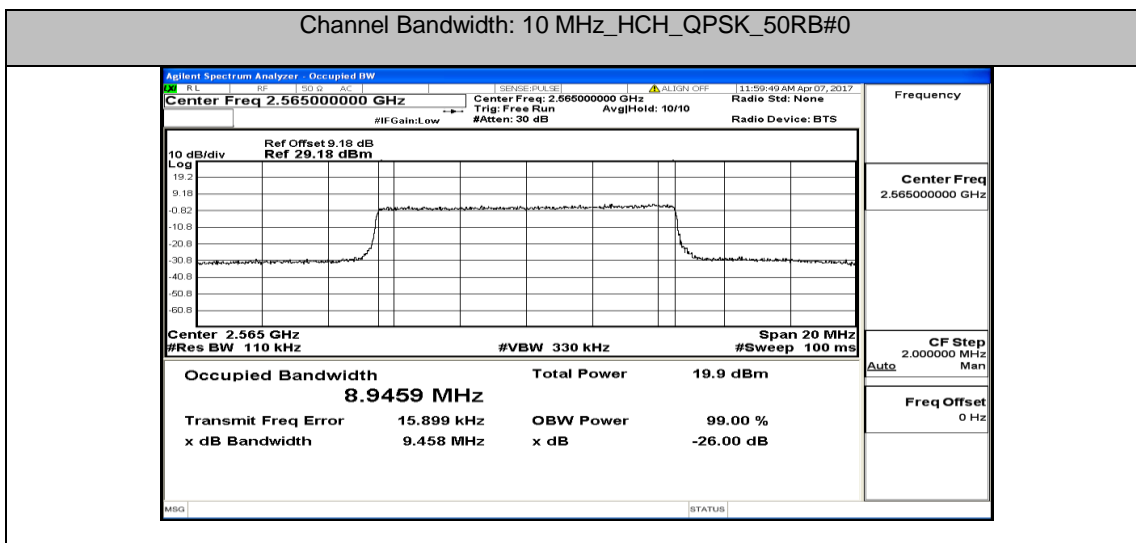
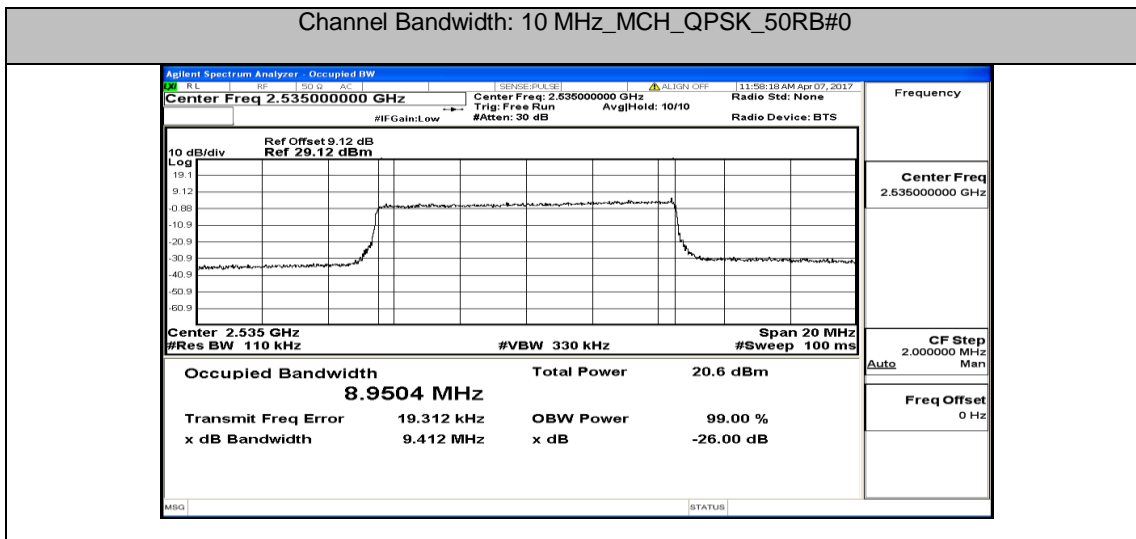
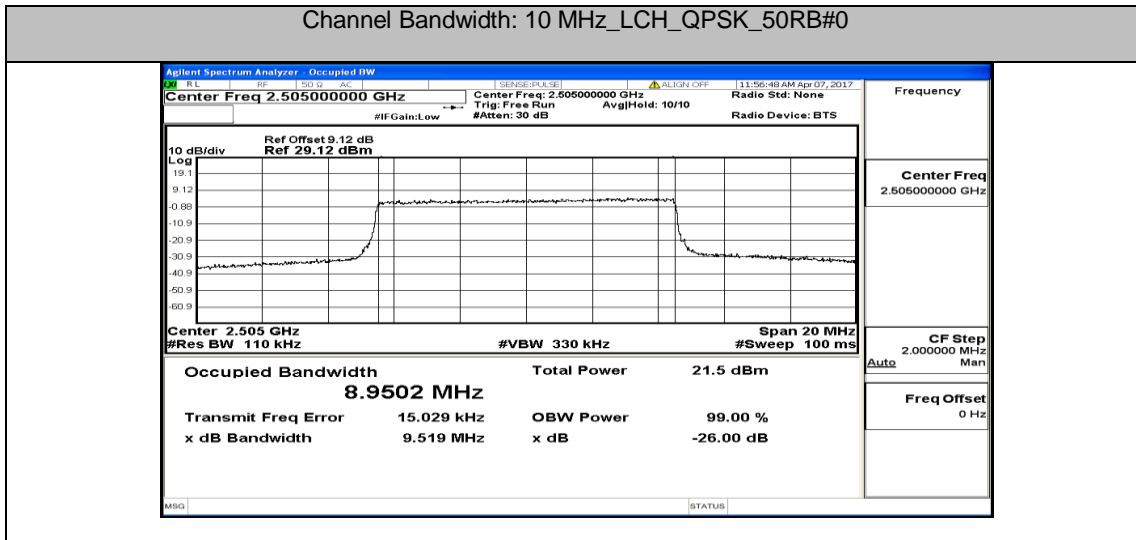
(Channel Bandwidth: 5 MHz)\_MCH\_16QAM\_25RB#0



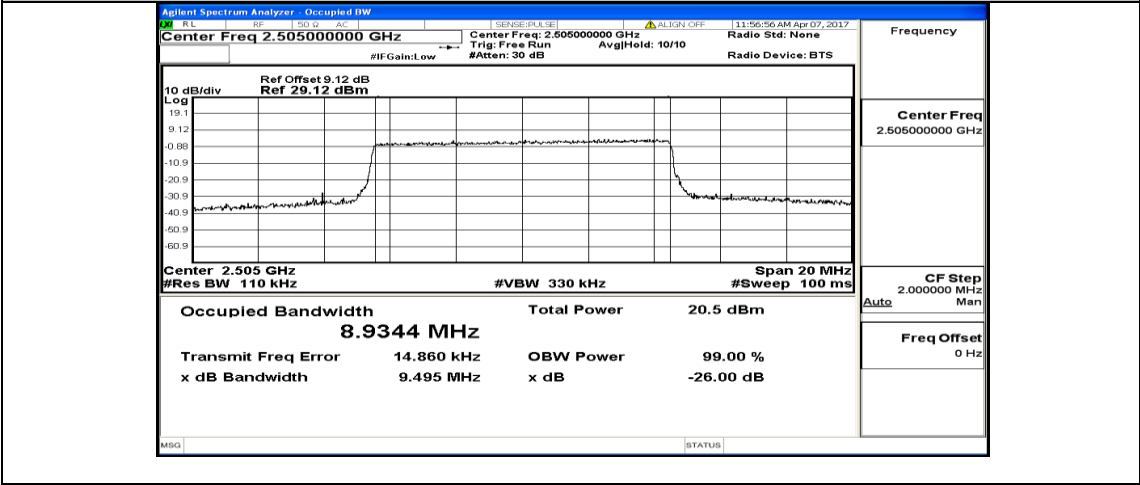
(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0



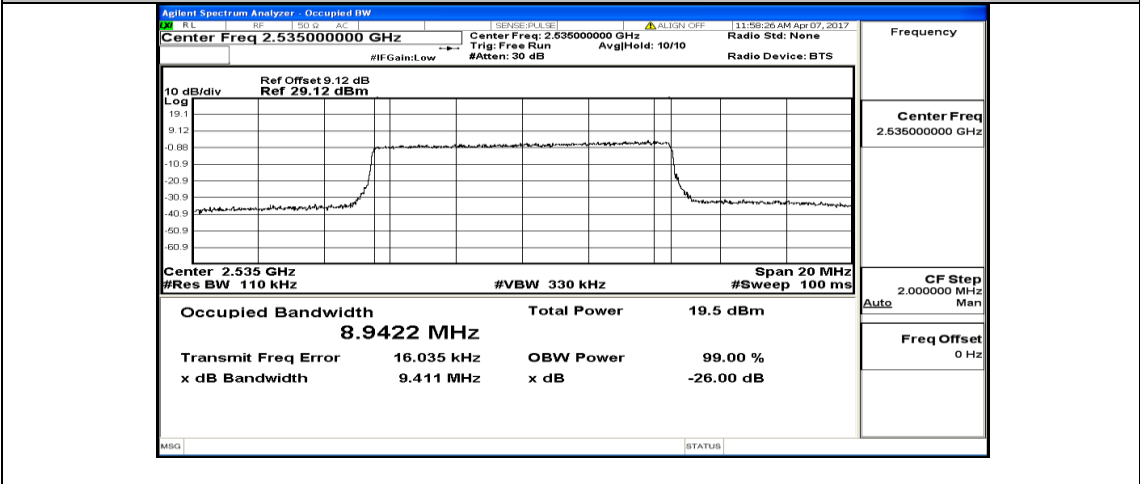
# Channel Bandwidth: 10 MHz



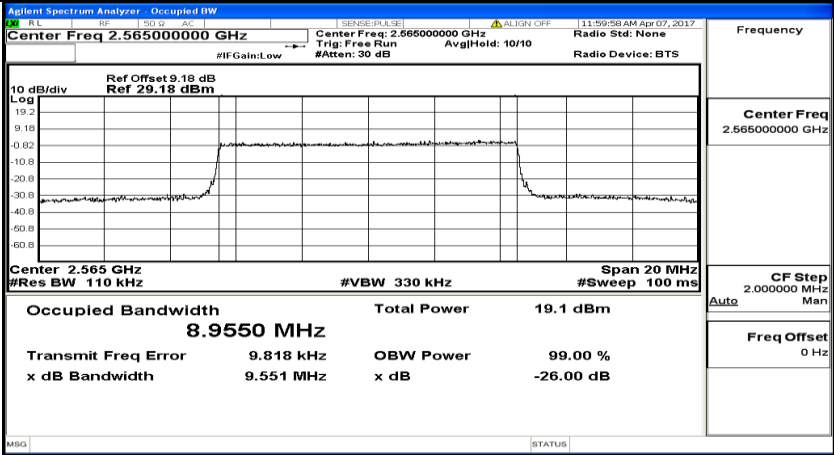
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_50RB#0



Channel Bandwidth: 10 MHz\_MCH\_16QAM\_50RB#0

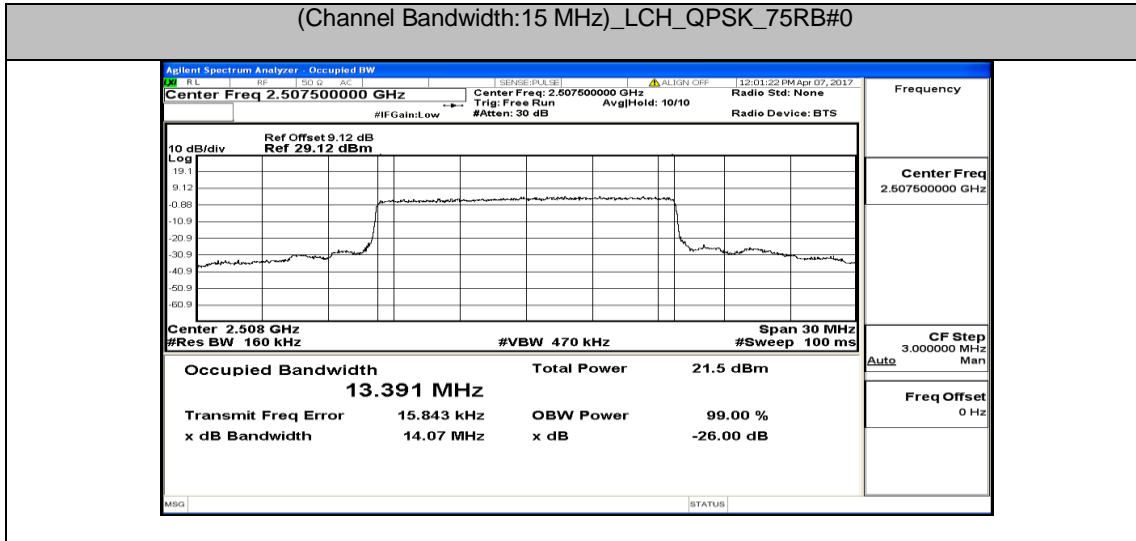


Channel Bandwidth: 10 MHz\_HCH\_16QAM\_50RB#0

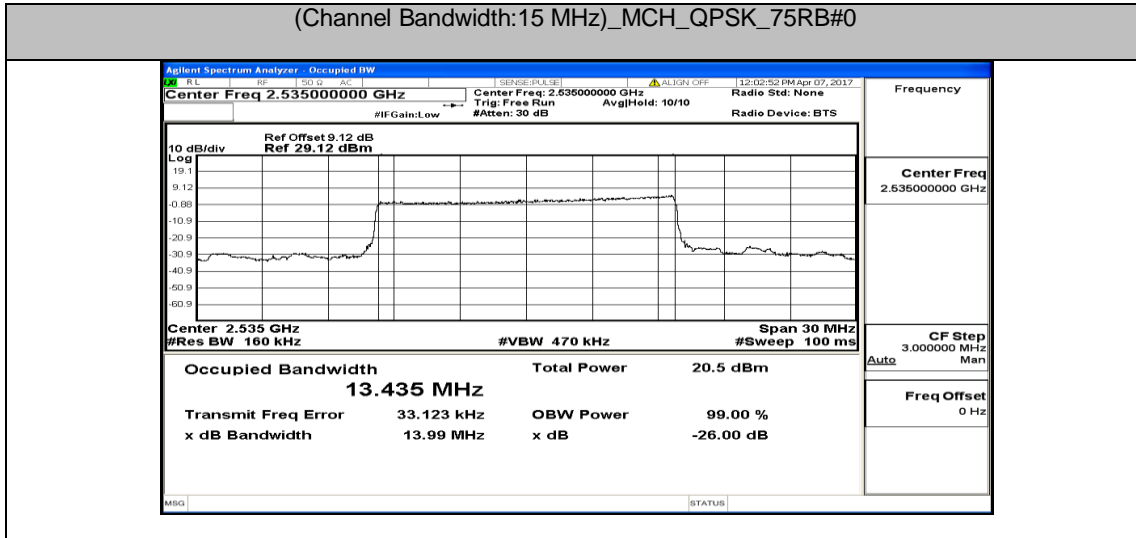


# Channel Bandwidth: 15 MHz

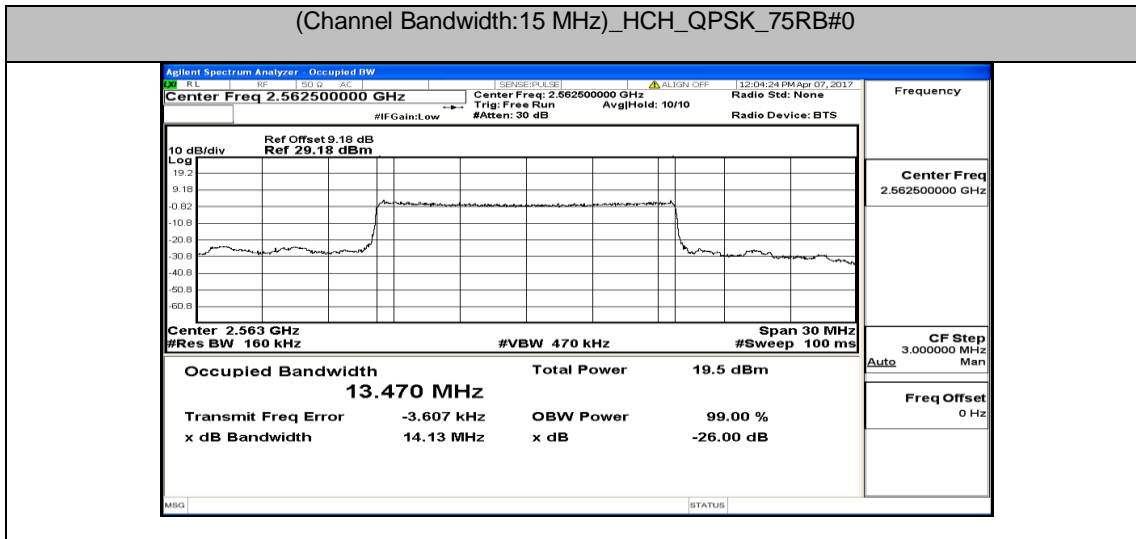
(Channel Bandwidth:15 MHz)\_LCH\_QPSK\_75RB#0



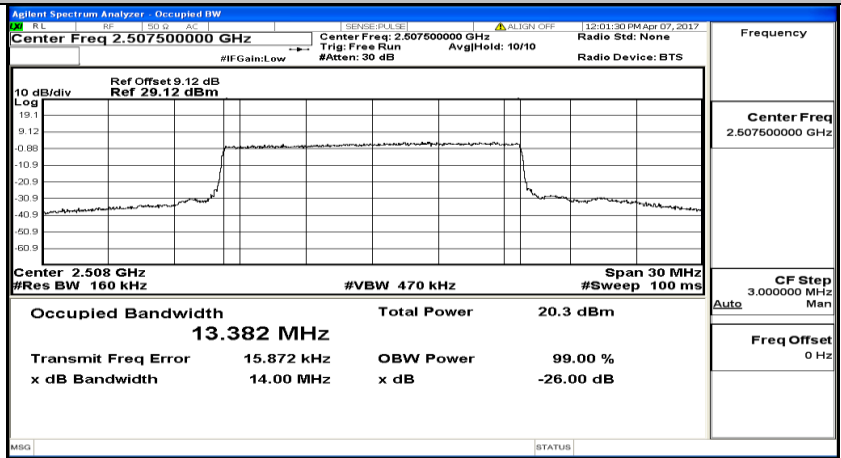
(Channel Bandwidth:15 MHz)\_MCH\_QPSK\_75RB#0



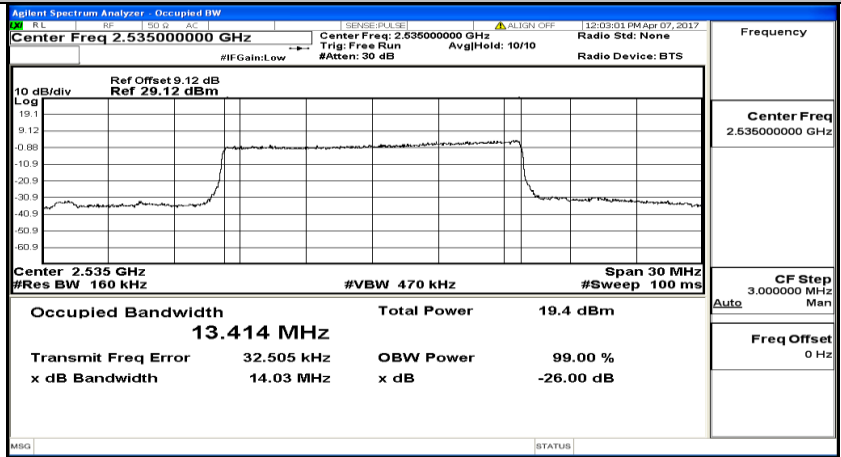
(Channel Bandwidth:15 MHz)\_HCH\_QPSK\_75RB#0



(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_75RB#0

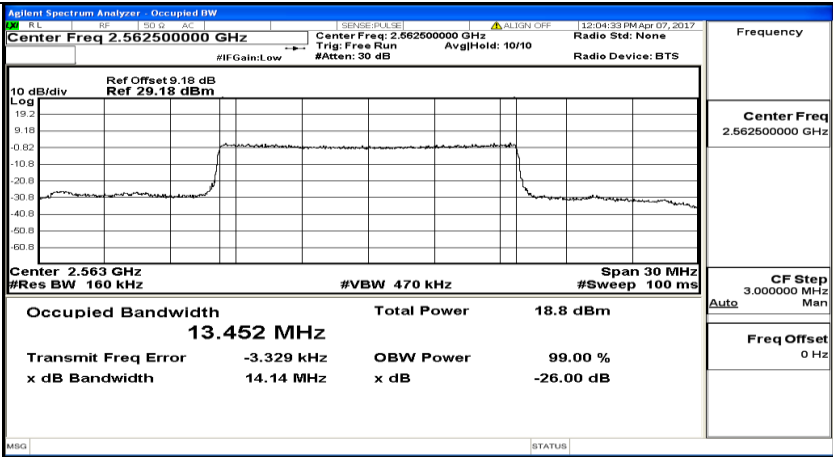


(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_75RB#0



(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_75RB#0

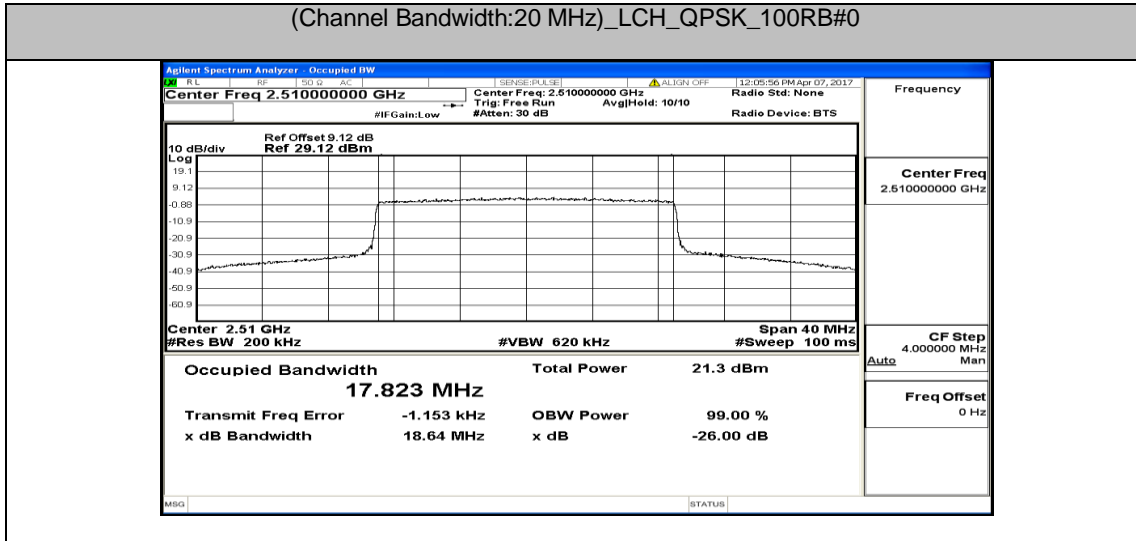




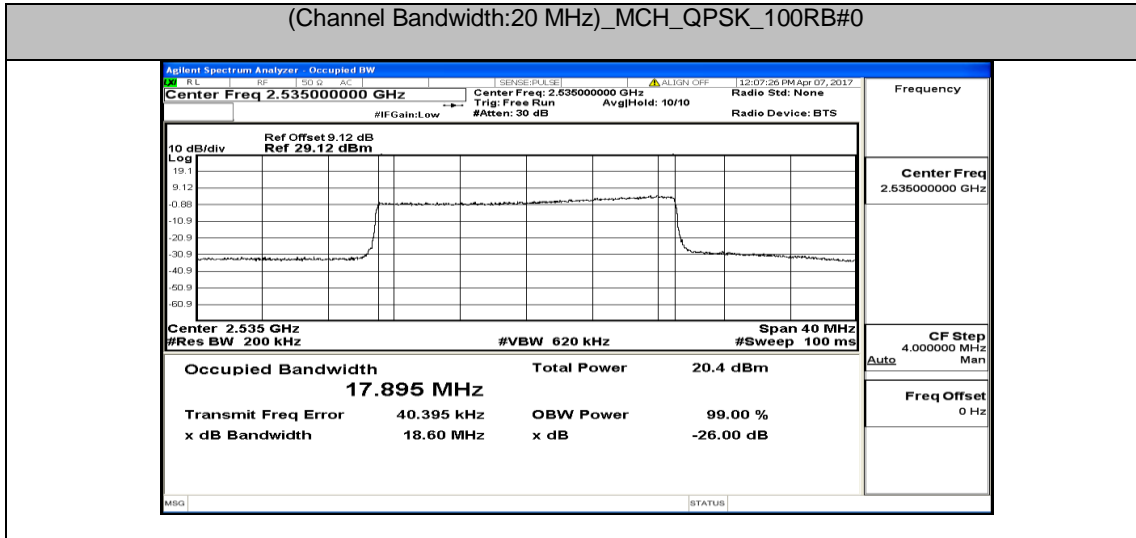
Frequency	
Center Freq	2.562500000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz

# Channel Bandwidth: 20 MHz

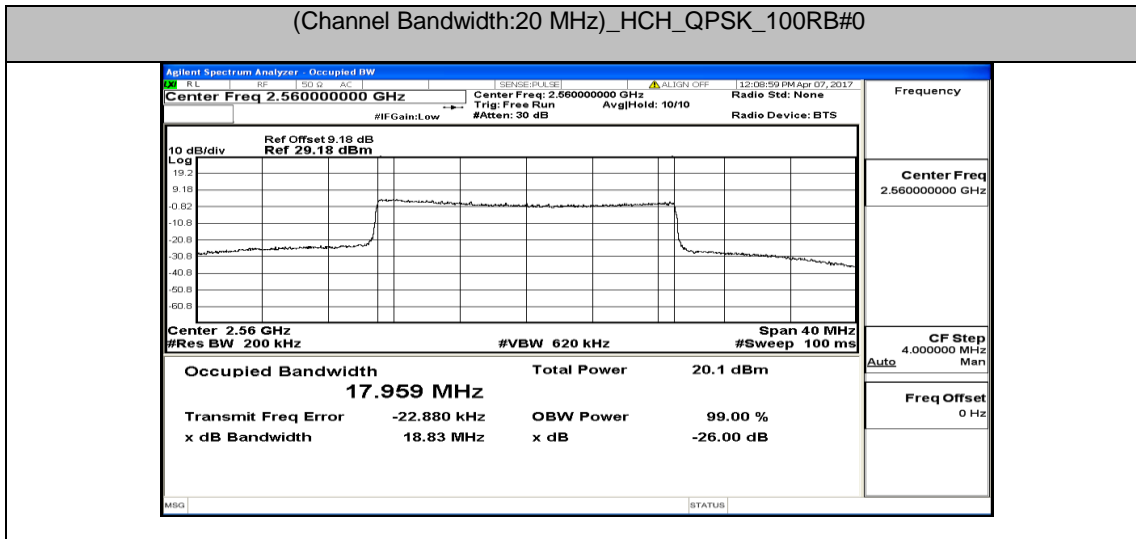
(Channel Bandwidth:20 MHz)\_LCH\_QPSK\_100RB#0



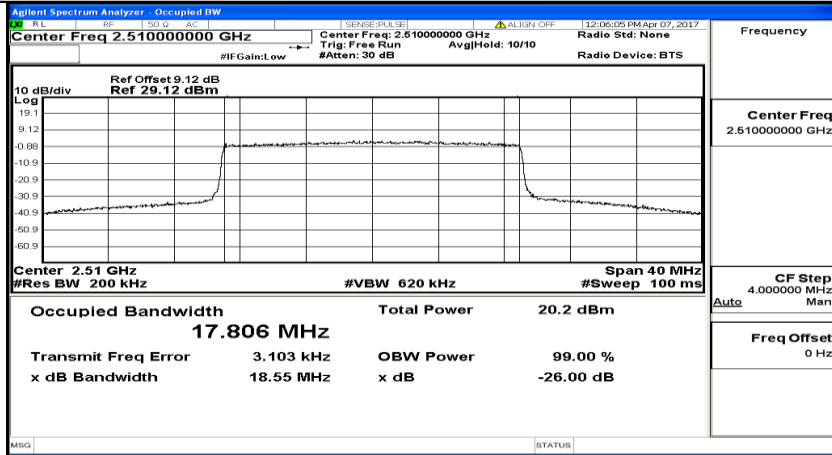
(Channel Bandwidth:20 MHz)\_MCH\_QPSK\_100RB#0



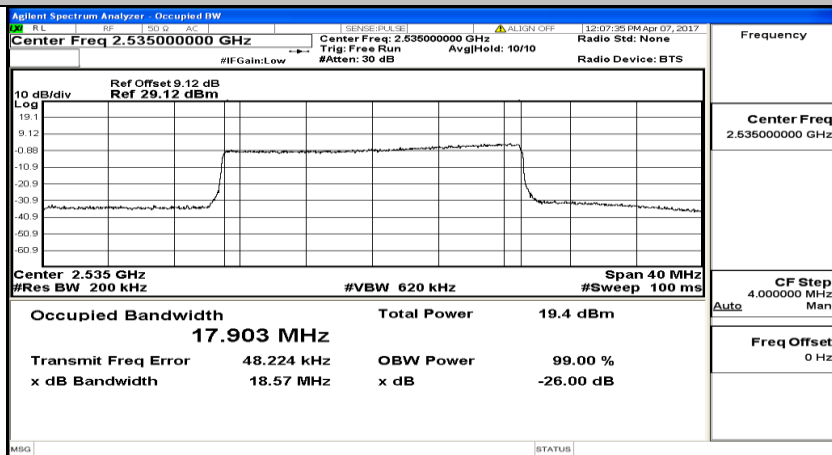
(Channel Bandwidth:20 MHz)\_HCH\_QPSK\_100RB#0



(Channel Bandwidth:20 MHz)\_LCH\_16QAM\_100RB#0



(Channel Bandwidth:20 MHz)\_MCH\_16QAM\_100RB#0



(Channel Bandwidth:20 MHz)\_HCH\_16QAM\_100RB#0

