

## Appendix B.3: 26dB Bandwidth and Occupied Bandwidth

### 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	1.0782	1.231	PASS
	MCH	6	0	1.0767	1.223	PASS
	HCH	6	0	1.0786	1.221	PASS
16QAM	LCH	6	0	1.0801	1.236	PASS
	MCH	6	0	1.0788	1.220	PASS
	HCH	6	0	1.0763	1.227	PASS

#### Channel Bandwidth: 3 MHz

Channel Bandwidth: 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	15	0	2.6819	2.867	PASS
	MCH	15	0	2.6827	2.876	PASS
	HCH	15	0	2.6826	2.862	PASS
16QAM	LCH	15	0	2.683	2.854	PASS
	MCH	15	0	2.6818	2.879	PASS
	HCH	15	0	2.6831	2.892	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	4.810	PASS
	MCH	25	0	4.4869	4.798	PASS
	HCH	25	0	4.4750	4.830	PASS
16QAM	LCH	25	0	4.4752	4.846	PASS
	MCH	25	0	4.4837	4.805	PASS
	HCH	25	0	4.4846	4.835	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	8.9236	9.477	PASS
	MCH	50	0	8.9417	9.495	PASS
	HCH	50	0	8.9188	9.441	PASS
16QAM	LCH	50	0	8.9229	9.411	PASS
	MCH	50	0	8.9463	9.425	PASS
	HCH	50	0	8.9299	9.426	PASS

**Channel Bandwidth: 15 MHz**

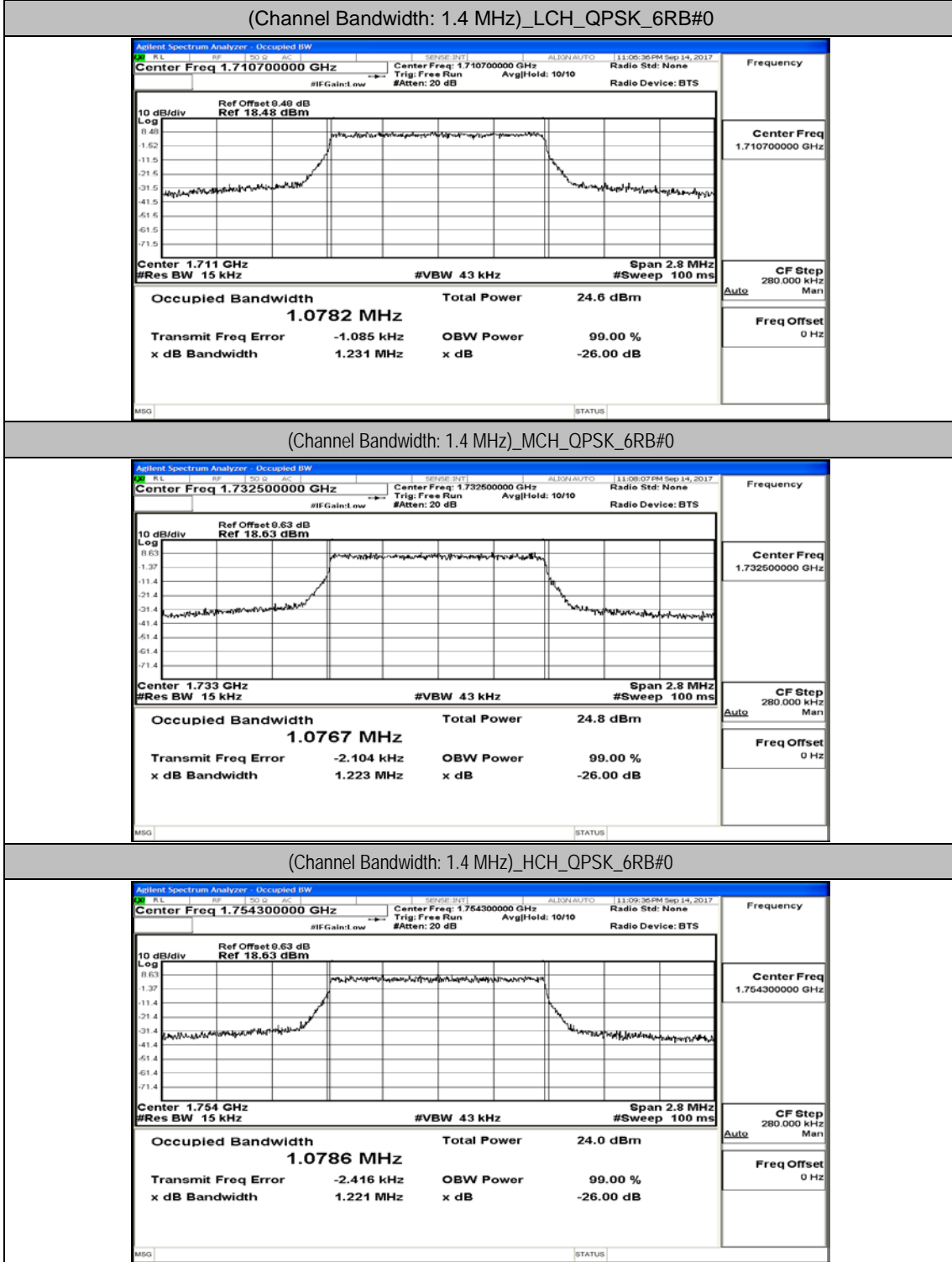
Channel Bandwidth: 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	75	0	13.389	14.09	PASS
	MCH	75	0	13.422	14.10	PASS
	HCH	75	0	13.382	14.03	PASS
16QAM	LCH	75	0	13.393	14.00	PASS
	MCH	75	0	13.417	14.01	PASS
	HCH	75	0	13.381	14.06	PASS

**Channel Bandwidth: 20 MHz**

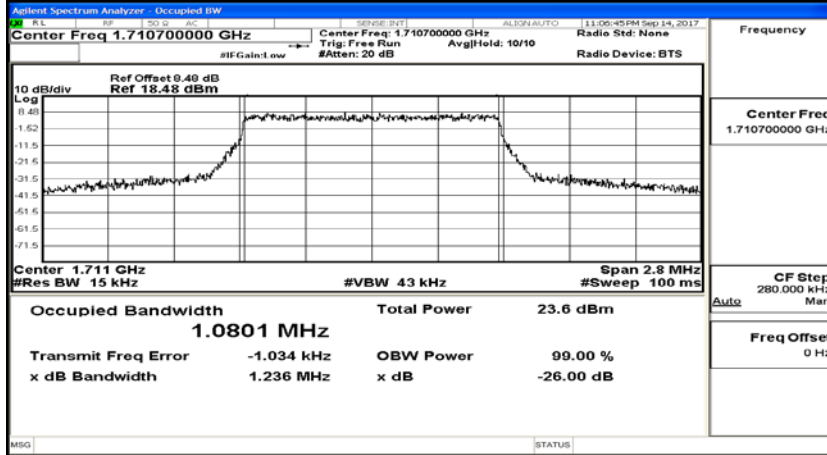
Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.869	18.61	PASS
	MCH	100	0	17.899	18.64	PASS
	HCH	100	0	17.830	18.60	PASS
16QAM	LCH	100	0	17.864	18.60	PASS
	MCH	100	0	17.888	18.66	PASS
	HCH	100	0	17.840	18.61	PASS

# Test Graphs

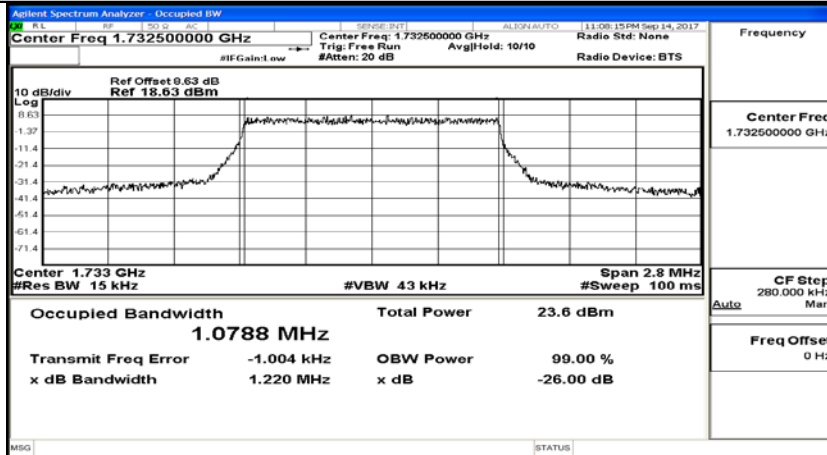
## Channel Bandwidth: 1.4 MHz



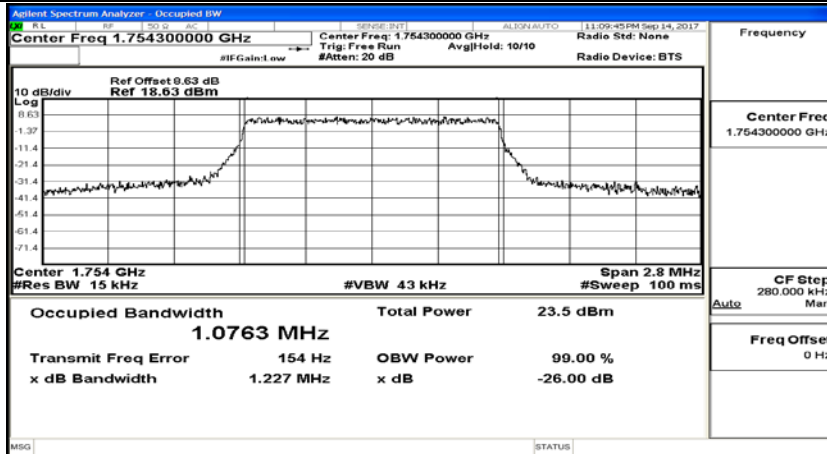
(Channel Bandwidth: 1.4 MHz)\_LCH\_16QAM\_6RB#0



(Channel Bandwidth: 1.4 MHz)\_MCH\_16QAM\_6RB#0

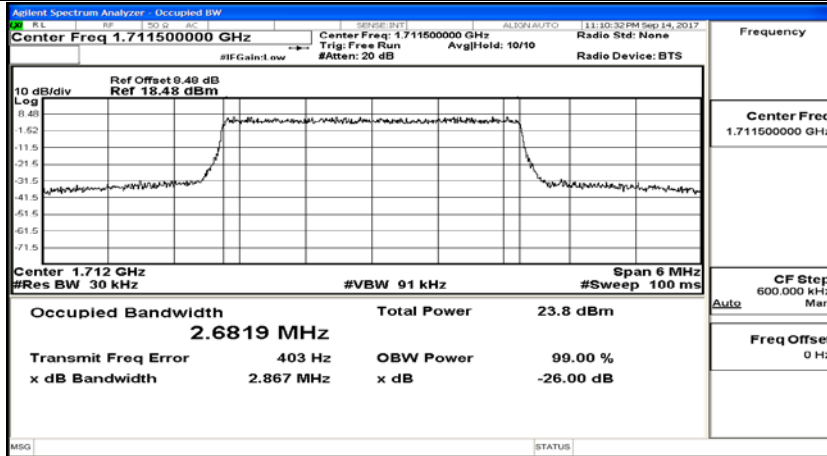


(Channel Bandwidth: 1.4 MHz)\_HCH\_16QAM\_6RB#0

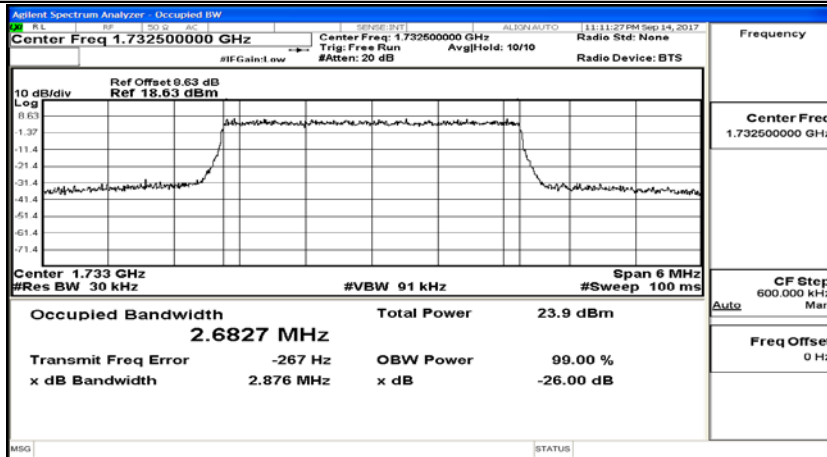


### Channel Bandwidth: 3 MHz

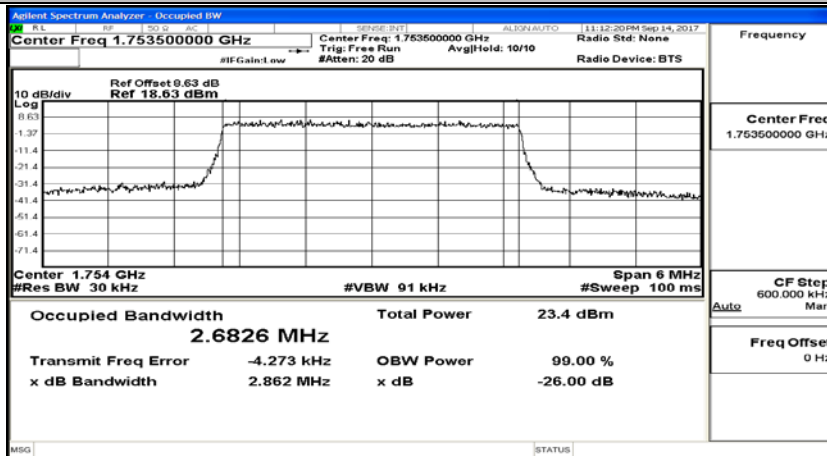
(Channel Bandwidth: 3 MHz)\_LCH\_QPSK\_15RB#0



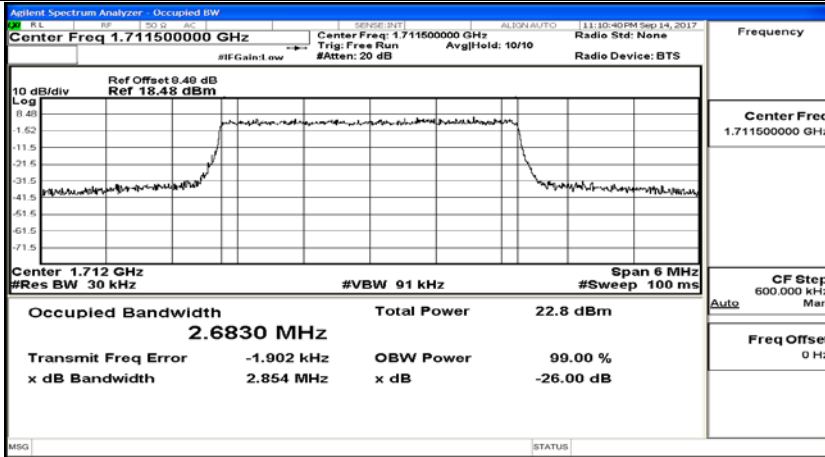
(Channel Bandwidth: 3 MHz)\_MCH\_QPSK\_15RB#0



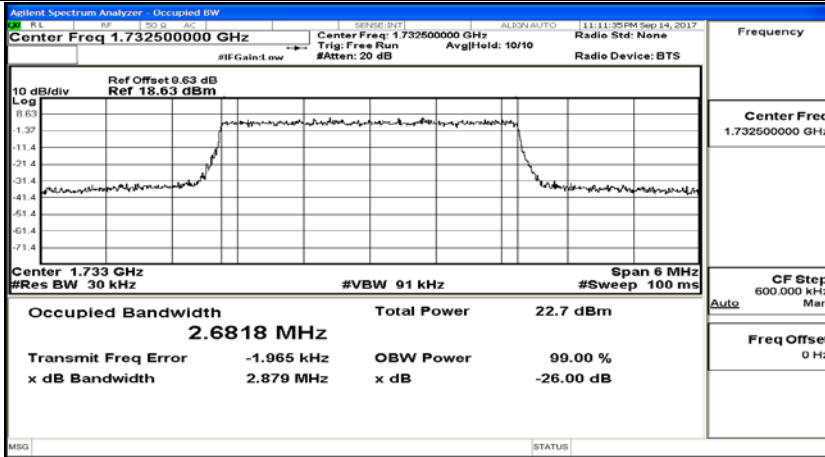
(Channel Bandwidth: 3 MHz)\_HCH\_QPSK\_15RB#0



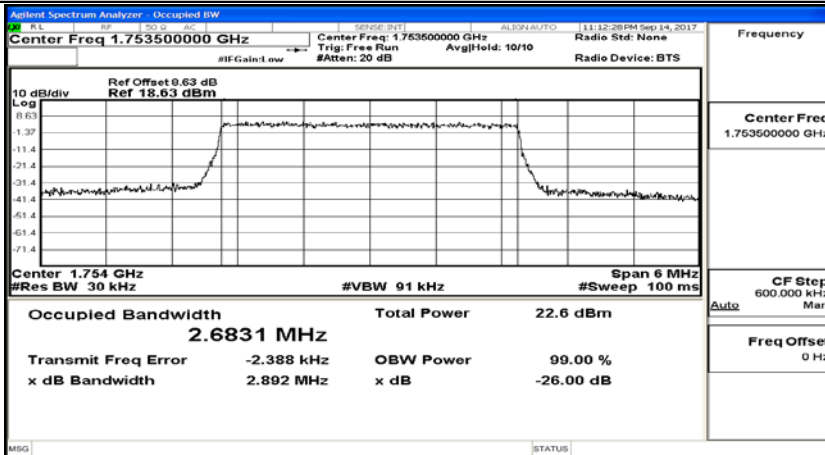
(Channel Bandwidth: 3 MHz)\_LCH\_16QAM\_15RB#0



(Channel Bandwidth: 3 MHz)\_MCH\_16QAM\_15RB#0

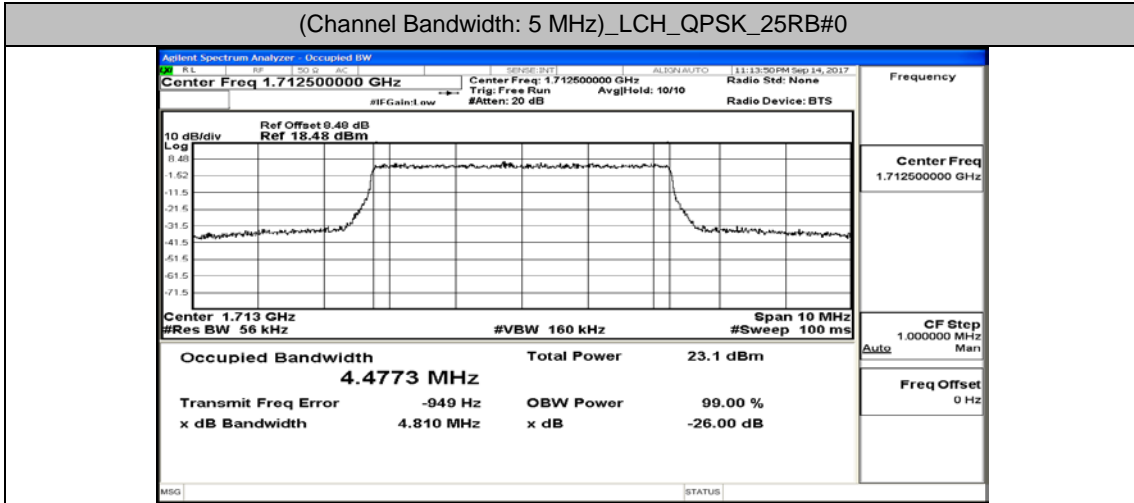


(Channel Bandwidth: 3 MHz)\_HCH\_16QAM\_15RB#0

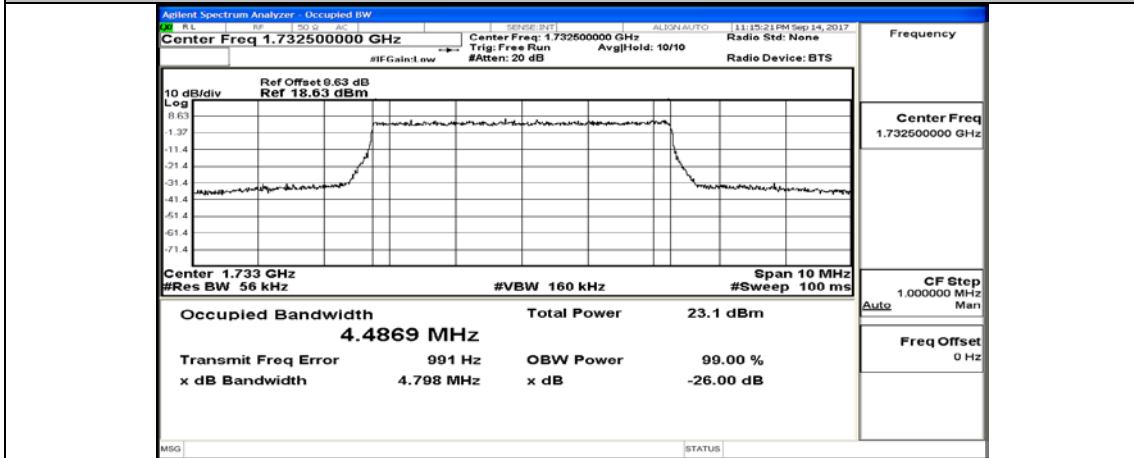


### Channel Bandwidth: 5 MHz

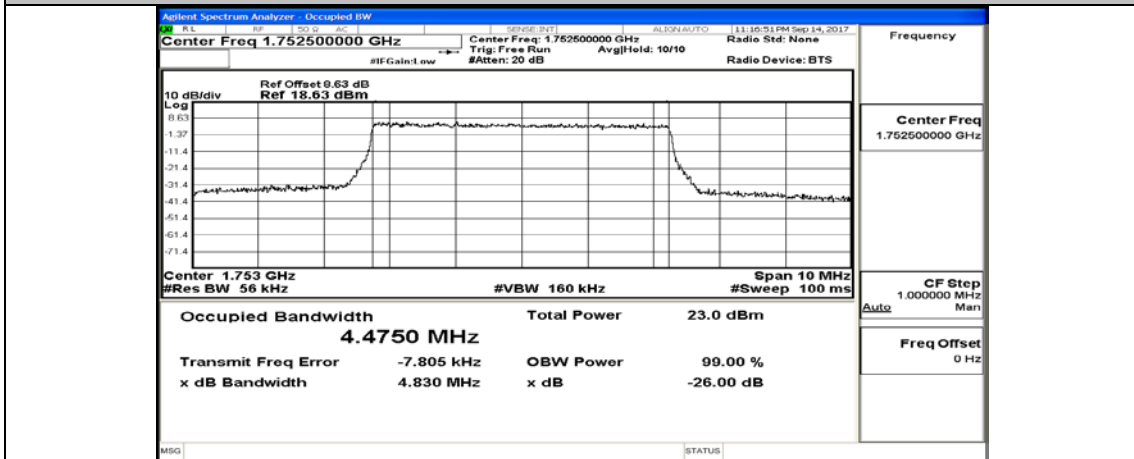
(Channel Bandwidth: 5 MHz)\_LCH\_QPSK\_25RB#0



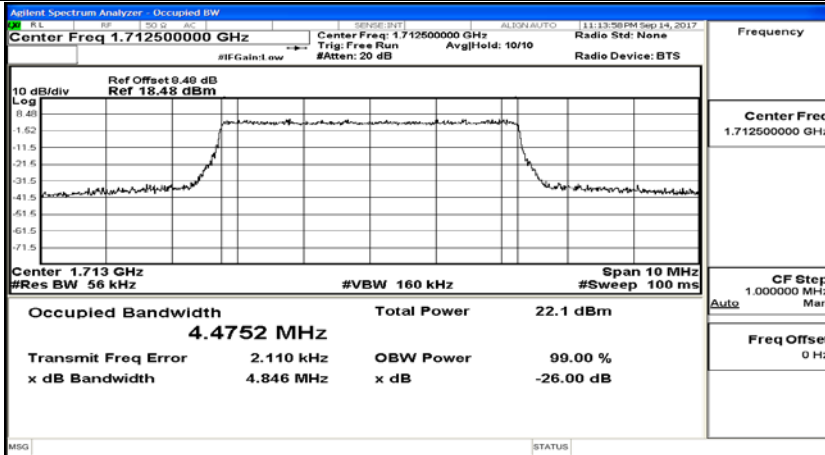
(Channel Bandwidth: 5 MHz)\_MCH\_QPSK\_25RB#0



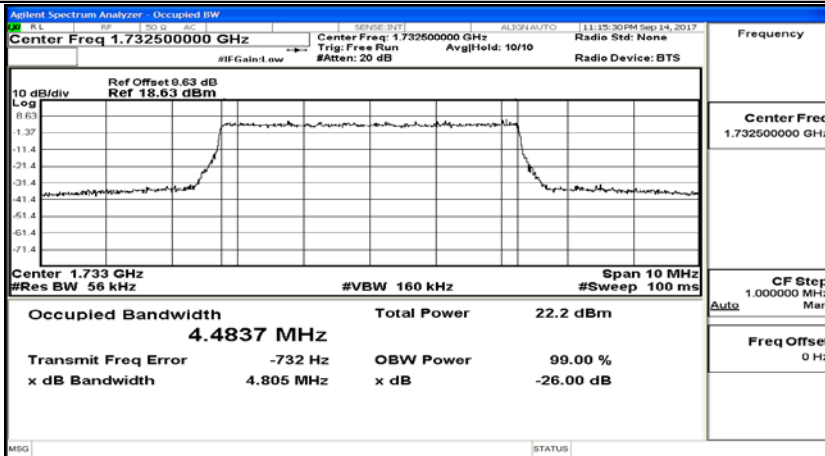
(Channel Bandwidth: 5 MHz)\_HCH\_QPSK\_25RB#0



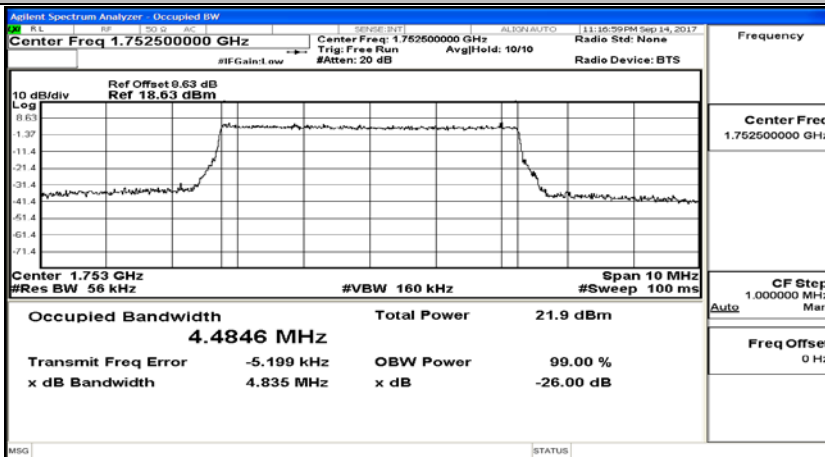
(Channel Bandwidth: 5 MHz)\_LCH\_16QAM\_25RB#0



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

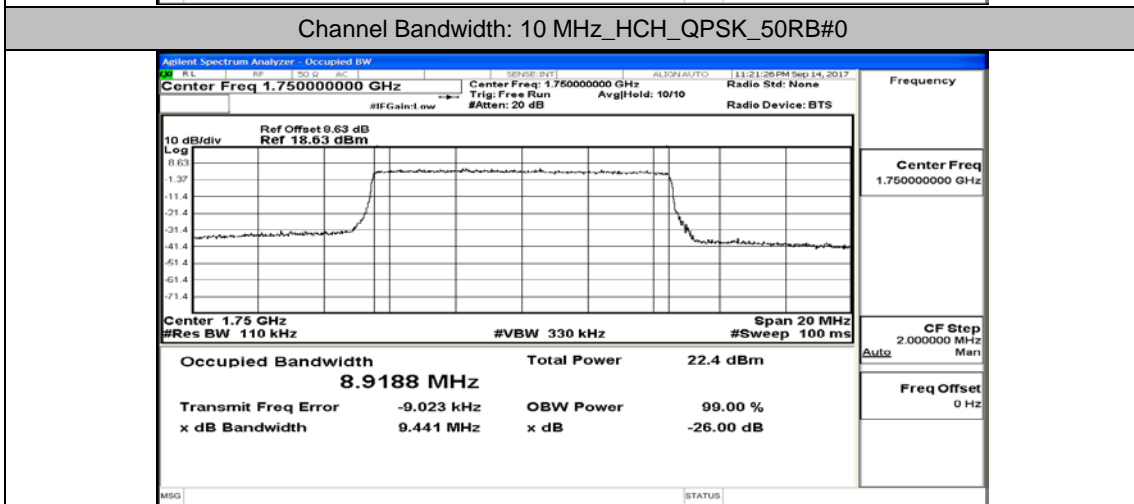
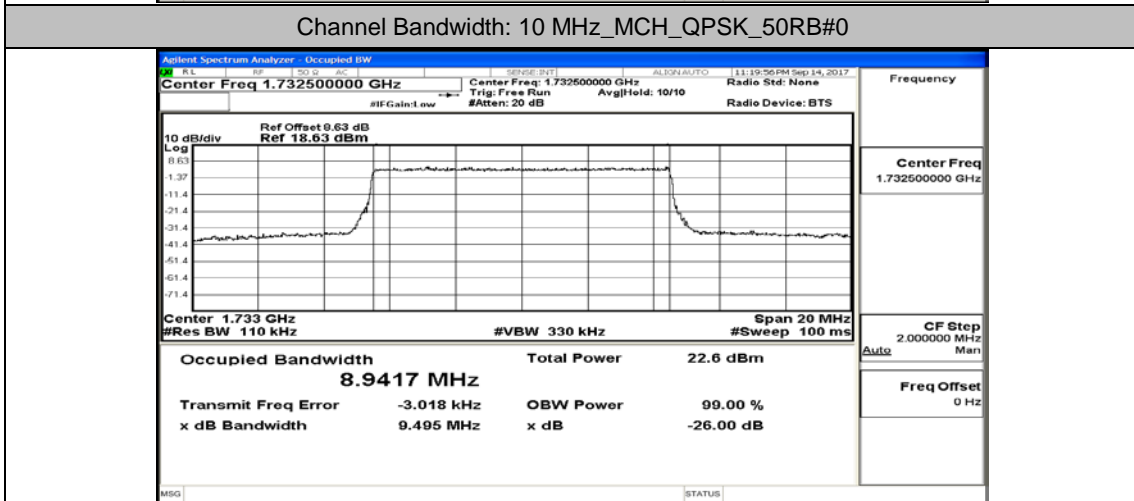
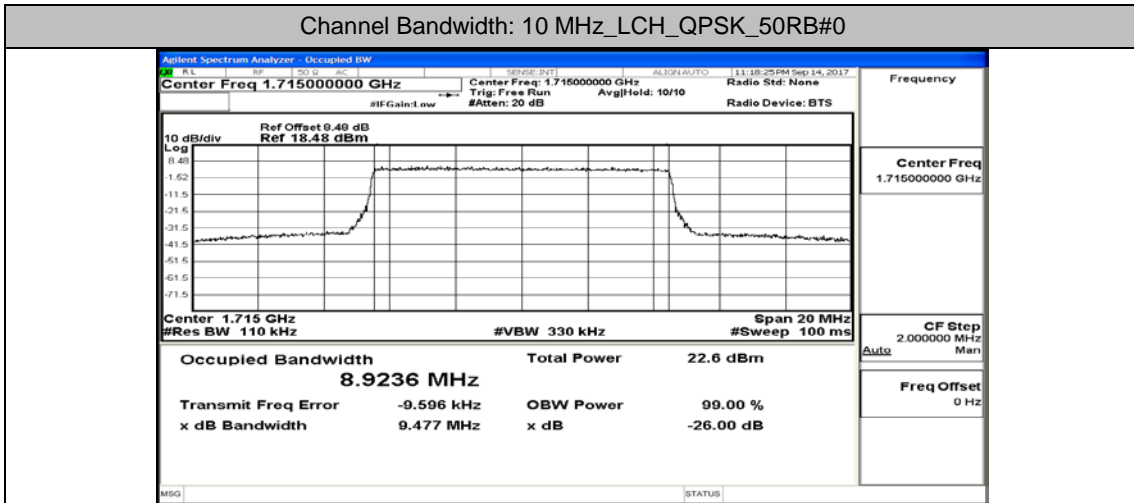


(Channel Bandwidth: 5 MHz)\_HCH\_16QAM\_25RB#0

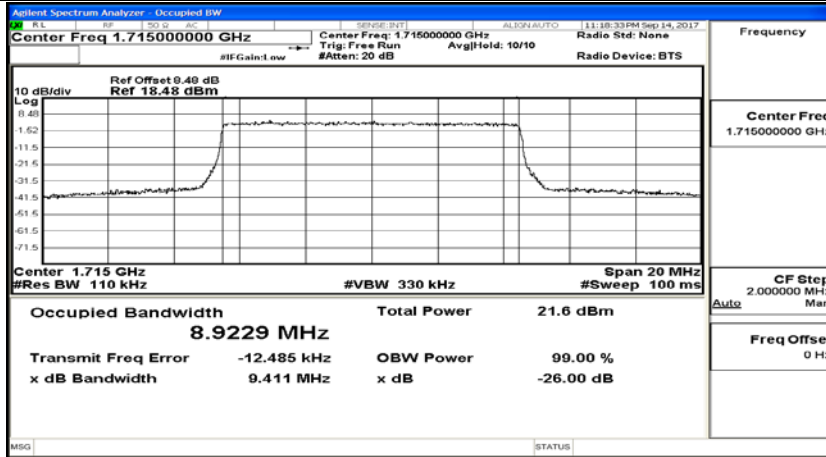




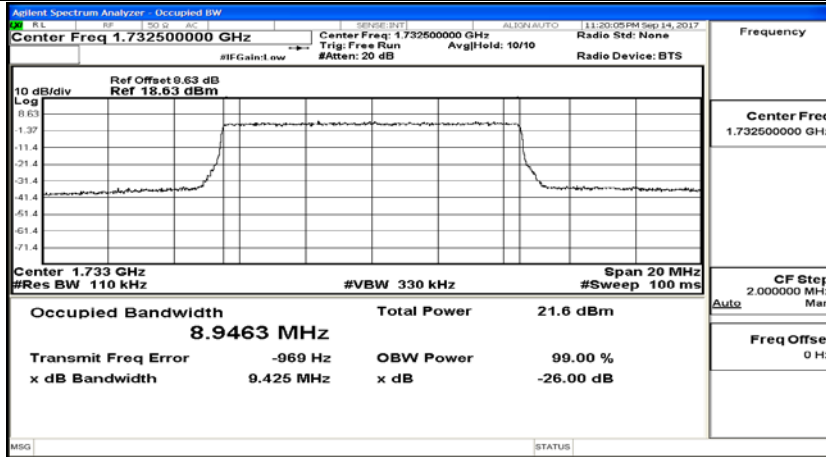
### Channel Bandwidth: 10 MHz



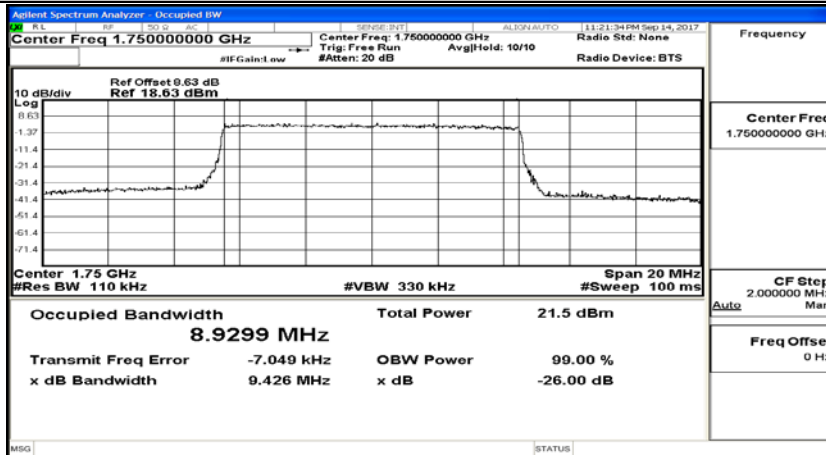
Channel Bandwidth: 10 MHz\_LCH\_16QAM\_50RB#0



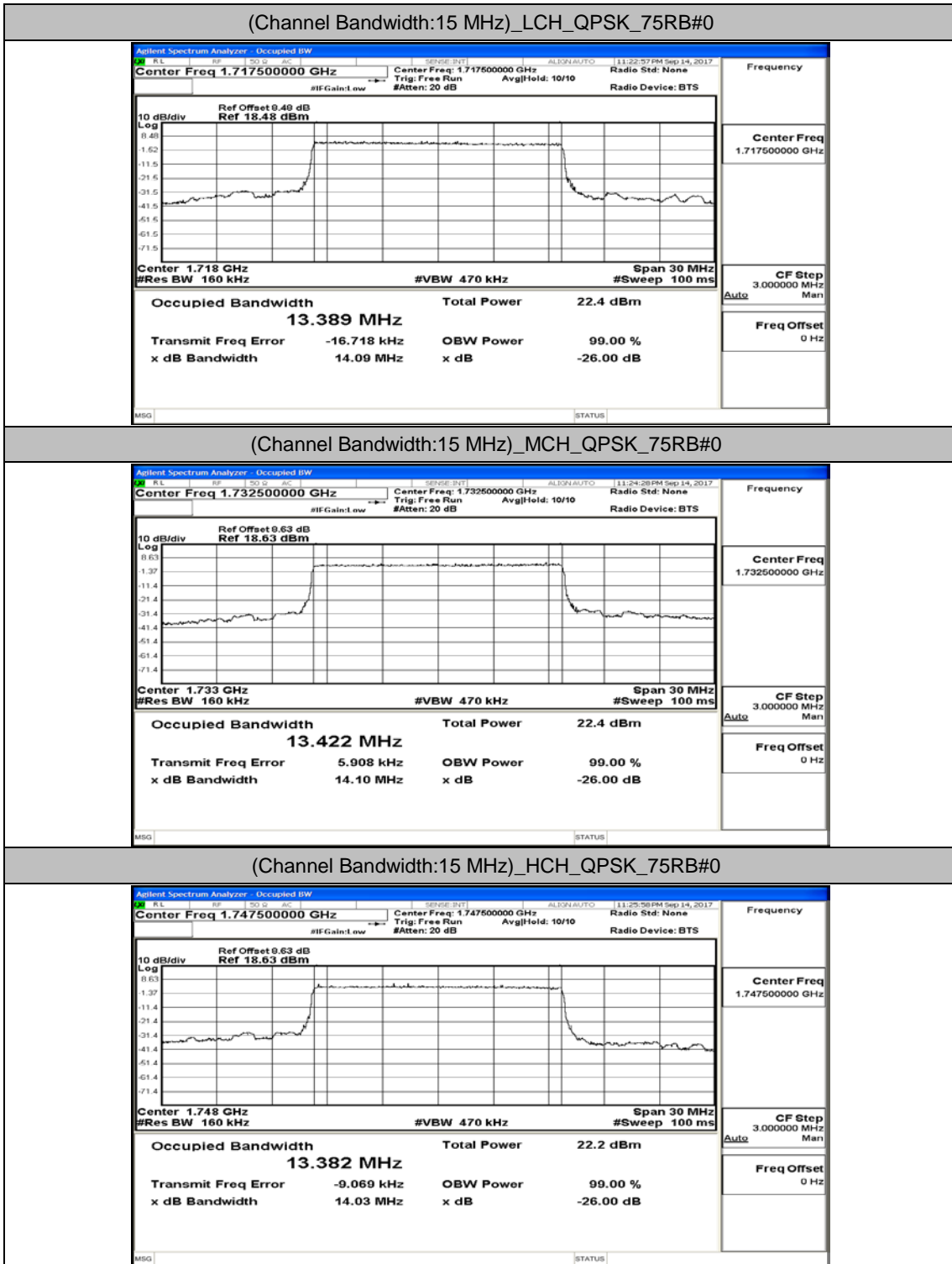
Channel Bandwidth: 10 MHz\_MCH\_16QAM\_50RB#0



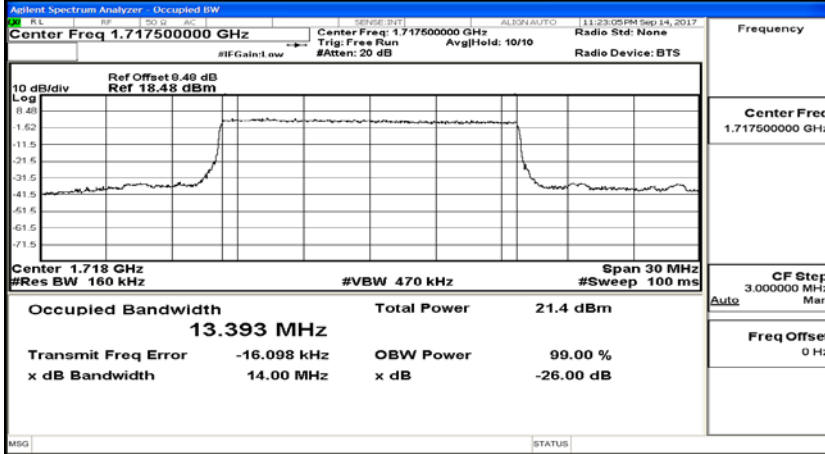
Channel Bandwidth: 10 MHz\_HCH\_16QAM\_50RB#0



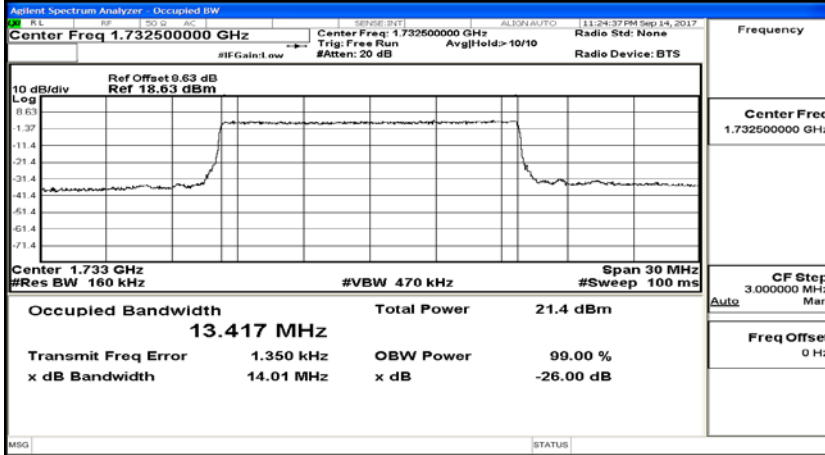
### Channel Bandwidth: 15 MHz



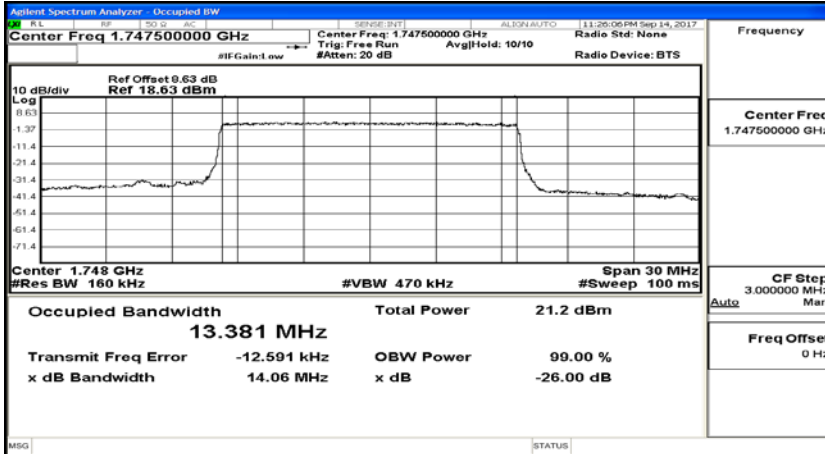
(Channel Bandwidth:15 MHz)\_LCH\_16QAM\_75RB#0



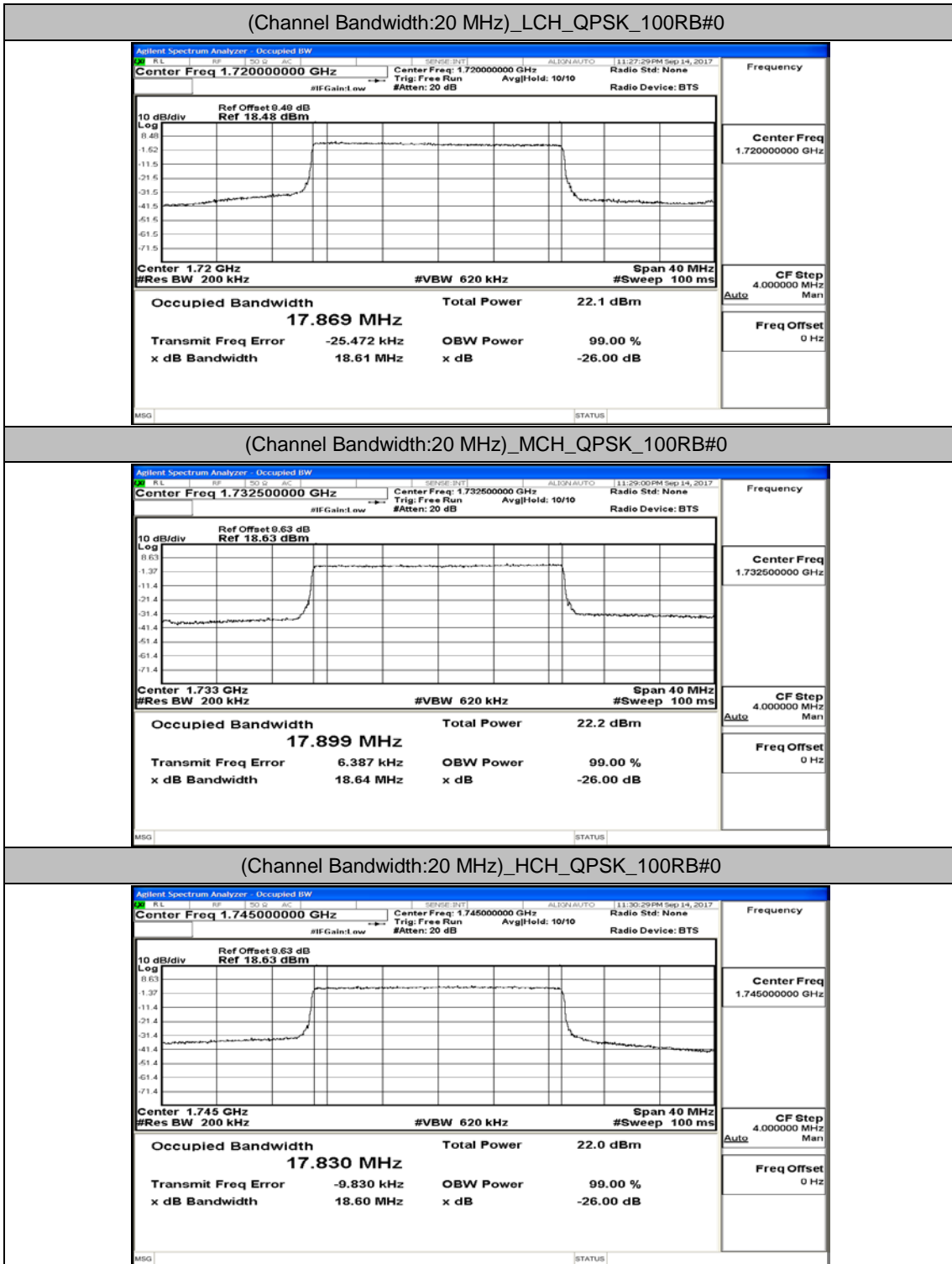
(Channel Bandwidth:15 MHz)\_MCH\_16QAM\_75RB#0



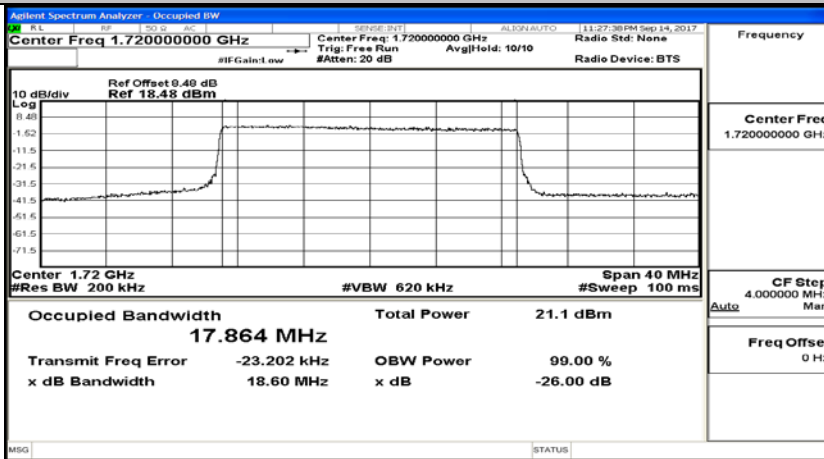
(Channel Bandwidth:15 MHz)\_HCH\_16QAM\_75RB#0



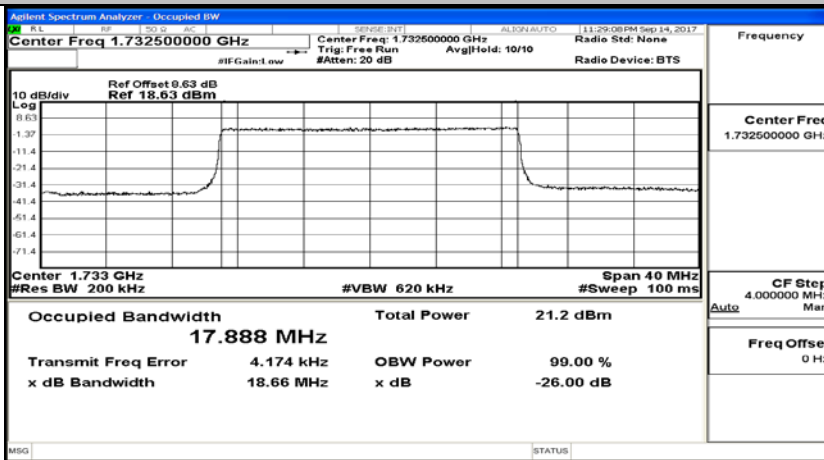
### Channel Bandwidth: 20 MHz



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



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



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

