Appendix C: 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	1.0777	1.222	PASS
	MCH	6	0	1.0772	1.202	PASS
	HCH	6	0	1.0782	1.218	PASS
16QAM	LCH	6	0	1.0801	1.217	PASS
	MCH	6	0	1.0808	1.223	PASS
	HCH	6	0	1.0781	1.214	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	2.6811	2.875	PASS
	MCH	15	0	2.6838	2.867	PASS
	HCH	15	0	2.6851	2.865	PASS
16QAM	LCH	15	0	2.6836	2.884	PASS
	MCH	15	0	2.6830	2.898	PASS
	HCH	15	0	2.6852	2.874	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	4.4799	4.824	PASS
	MCH	25	0	4.4825	4.851	PASS
	HCH	25	0	4.4782	4.822	PASS
16QAM	LCH	25	0	4.4771	4.823	PASS
	MCH	25	0	4.4829	4.819	PASS
	HCH	25	0	4.4822	4.819	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	8.9463	9.469	PASS
	MCH	50	0	8.9486	9.510	PASS
	HCH	50	0	8.9193	9.422	PASS
16QAM	LCH	50	0	8.9275	9.514	PASS
	MCH	50	0	8.9470	9.461	PASS
	HCH	50	0	8.9351	9.398	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	13.393	14.07	PASS
	MCH	75	0	13.419	14.15	PASS
	HCH	75	0	13.377	13.93	PASS
16QAM	LCH	75	0	13.394	14.00	PASS
	MCH	75	0	13.432	14.13	PASS
	HCH	75	0	13.374	14.04	PASS

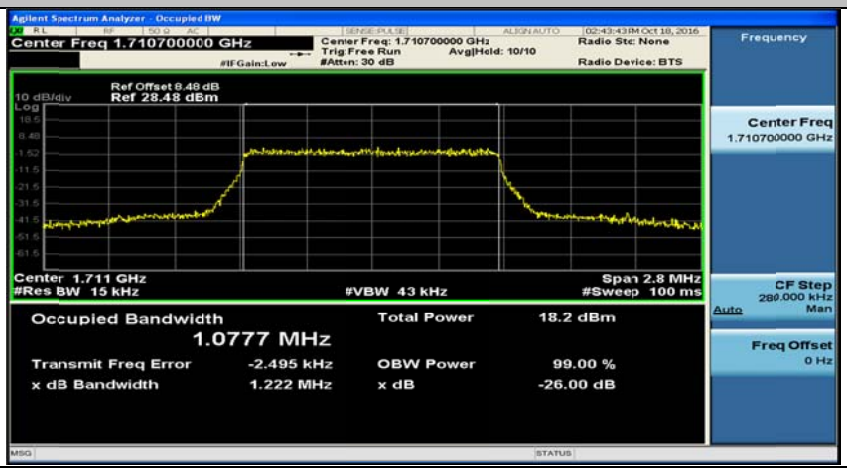
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.858	18.54	PASS
	MCH	100	0	17.904	18.65	PASS
	HCH	100	0	17.817	18.60	PASS
16QAM	LCH	100	0	17.856	18.56	PASS
	MCH	100	0	17.916	18.66	PASS
	HCH	100	0	17.805	18.58	PASS

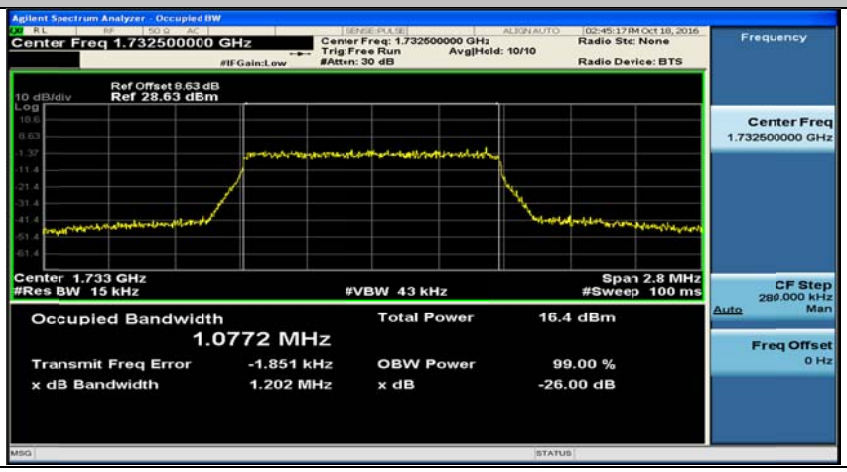
Test Graphs

Channel Bandwidth: 1.4 MHz

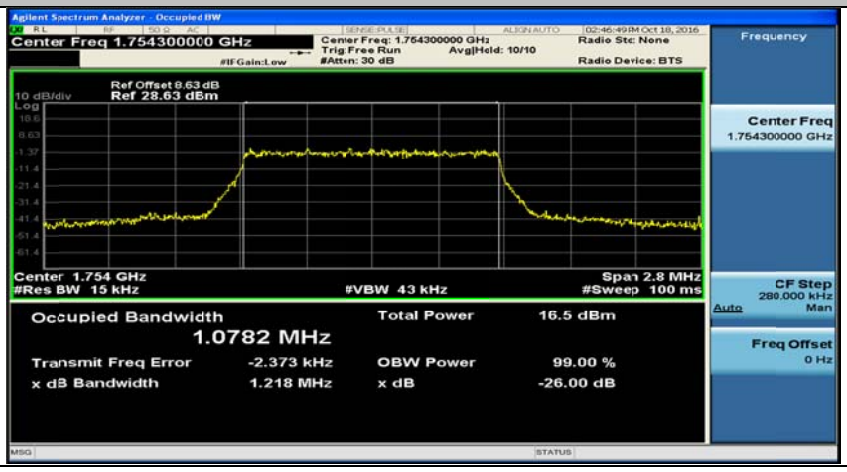
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



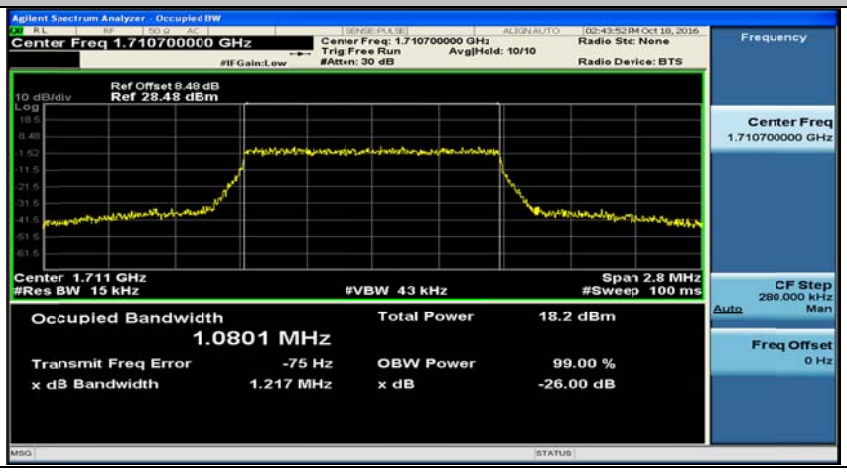
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



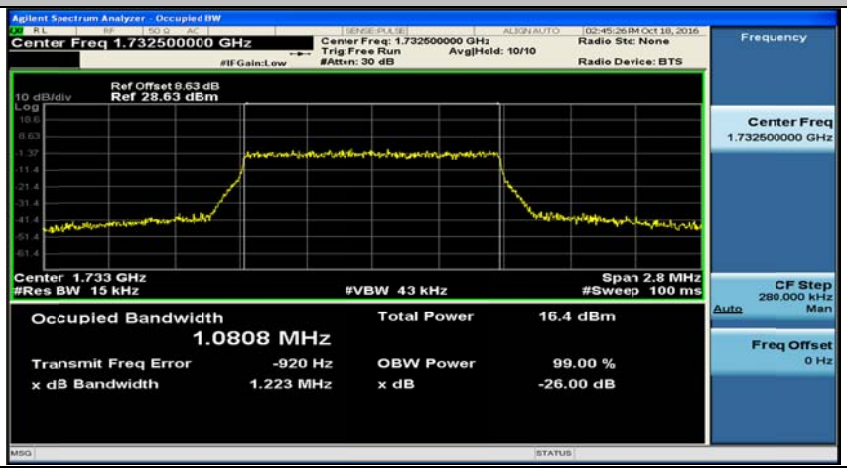
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



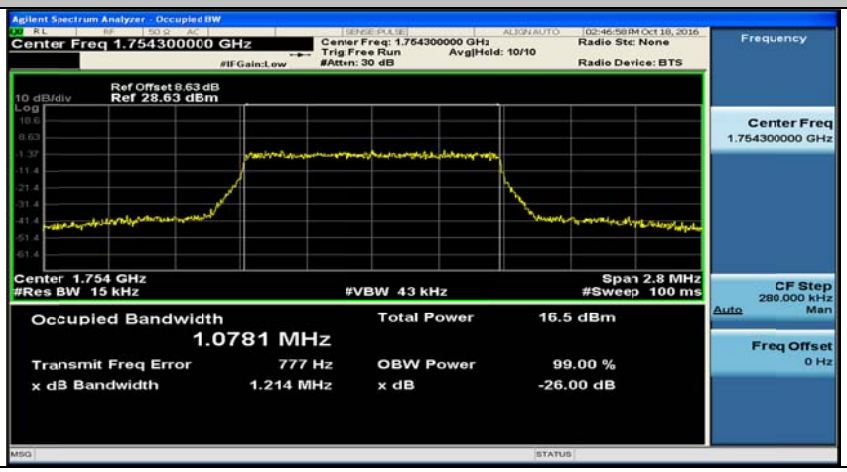
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

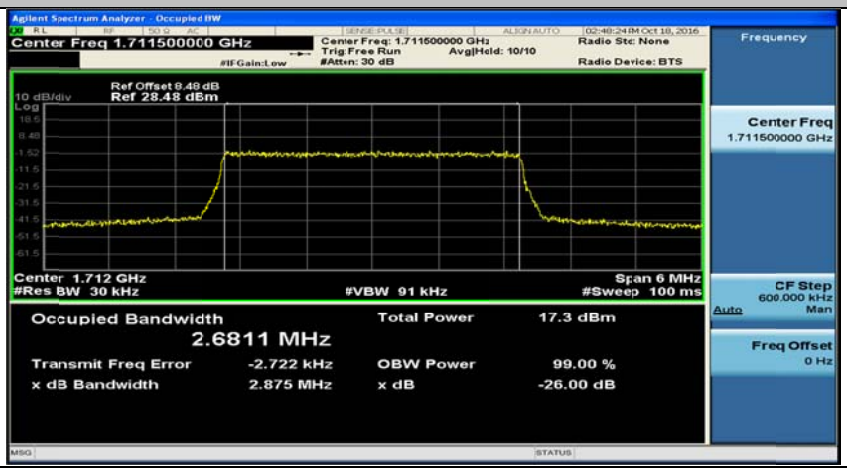


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



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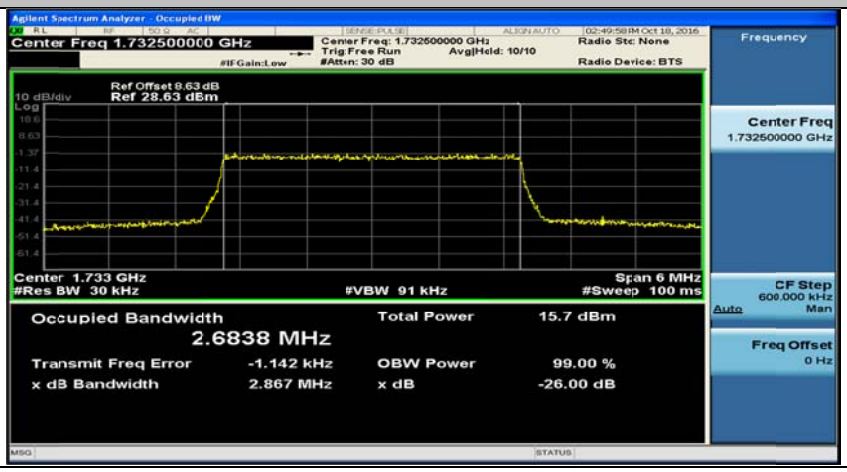

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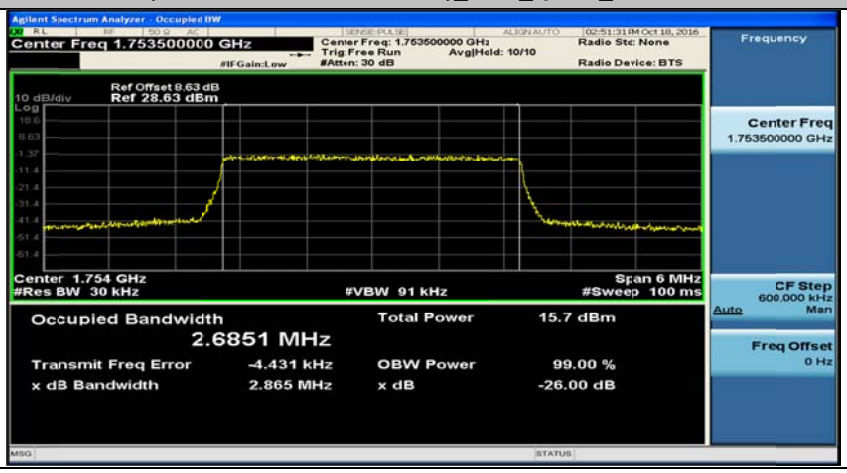

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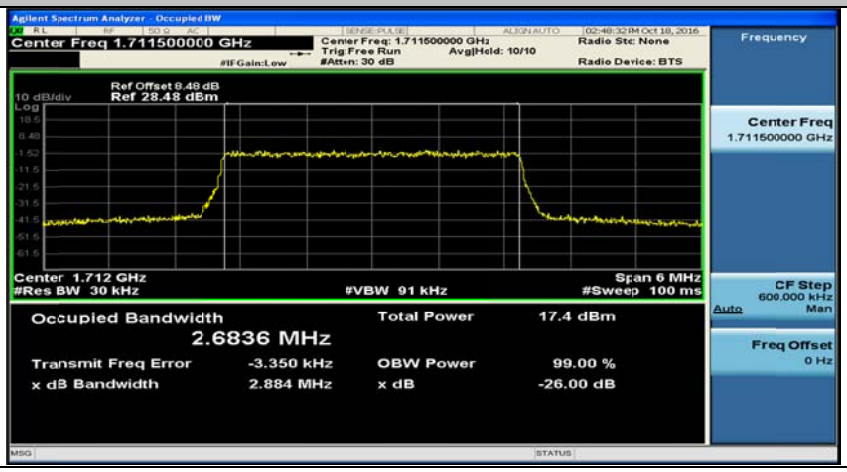

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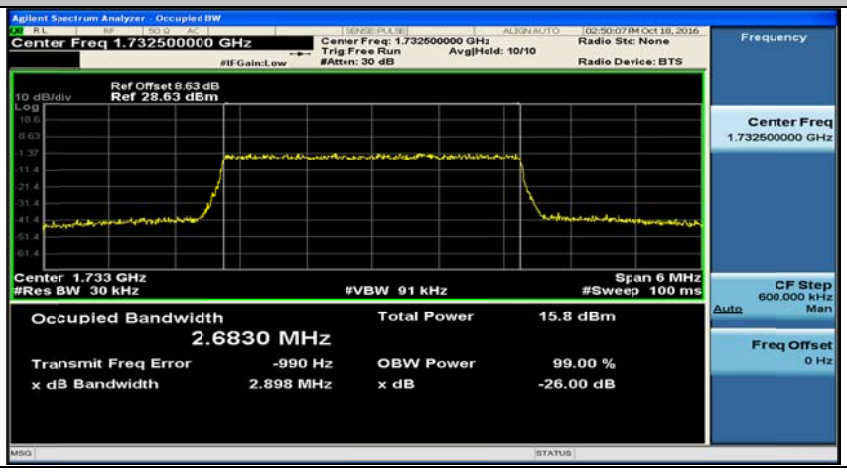
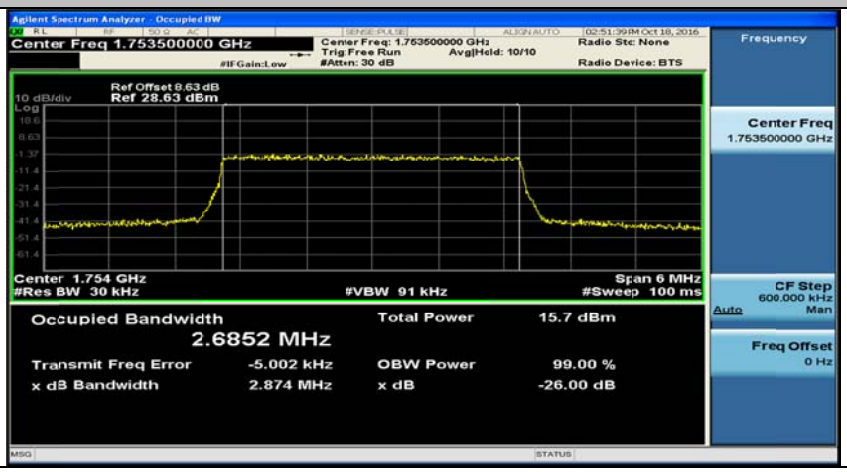
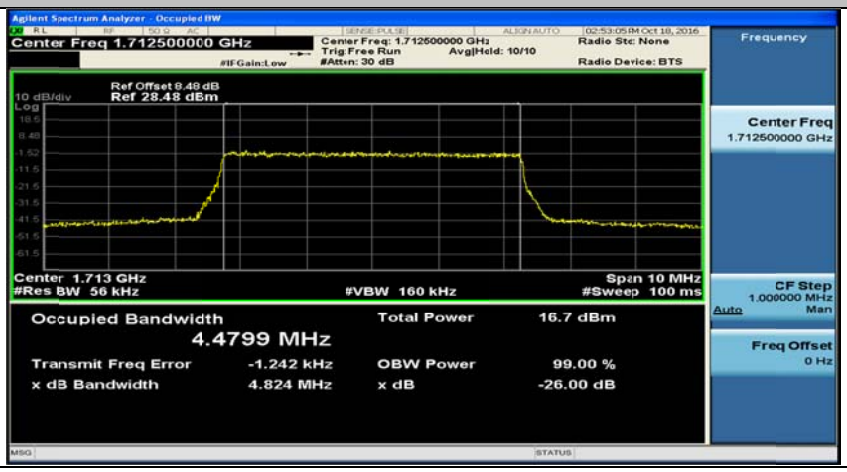


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



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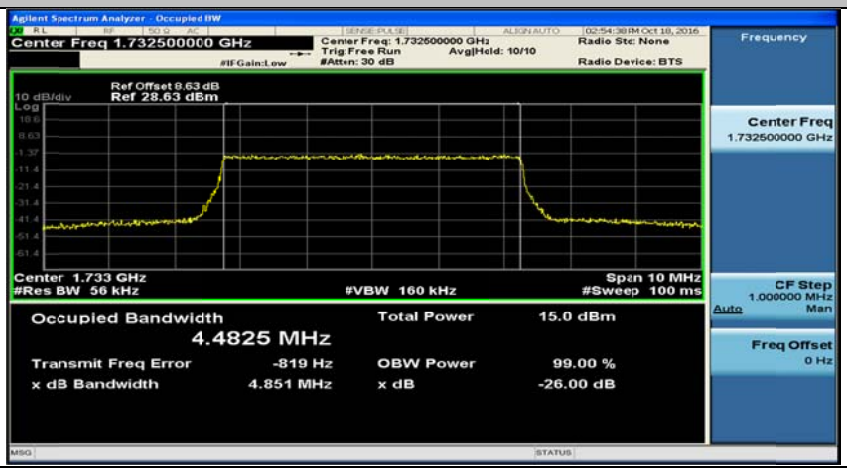

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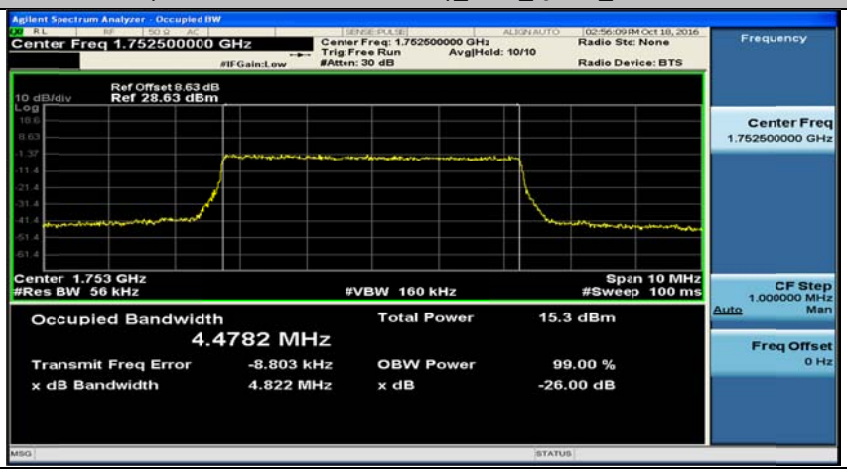

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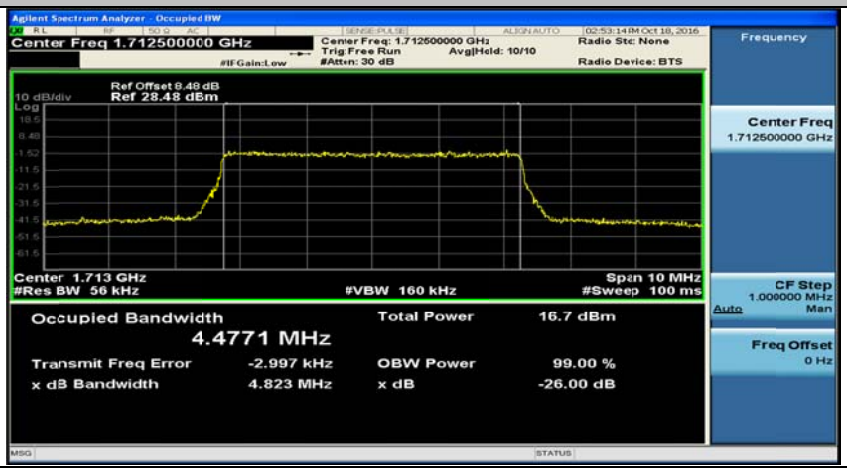

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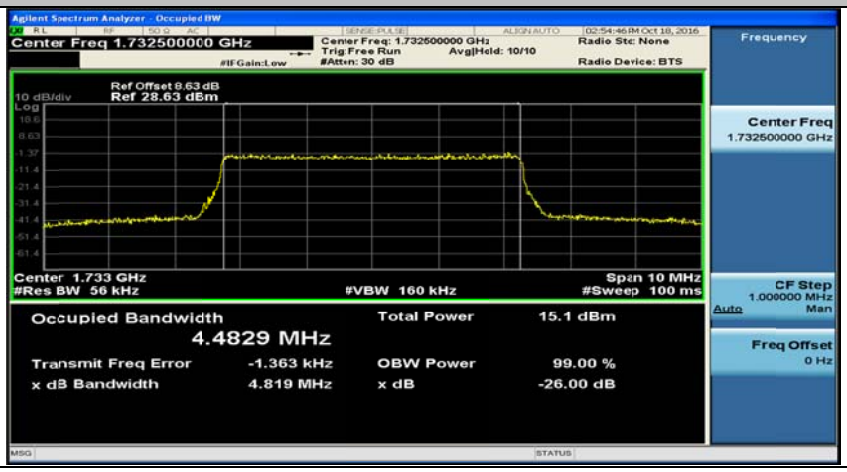

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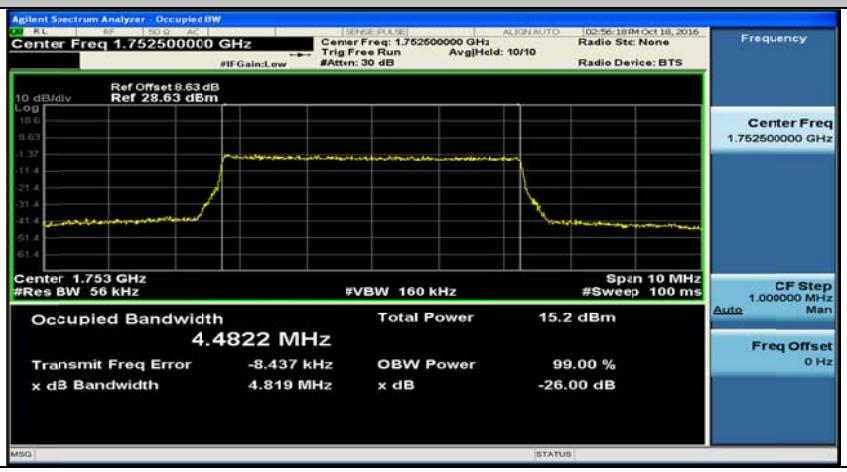
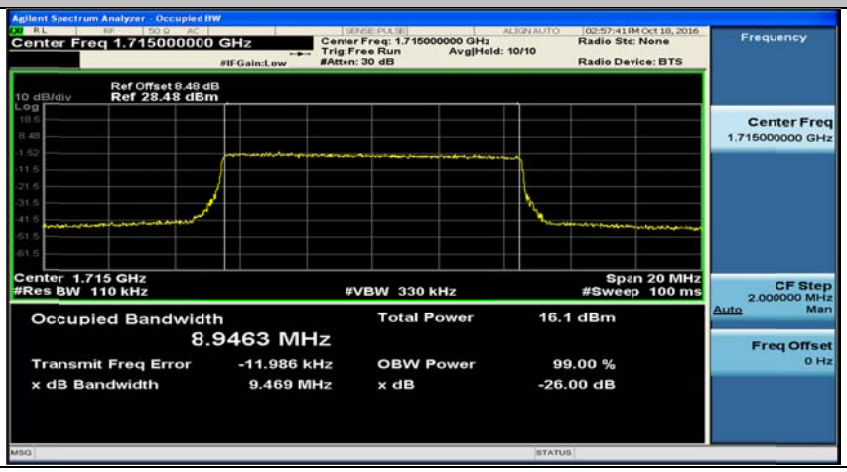
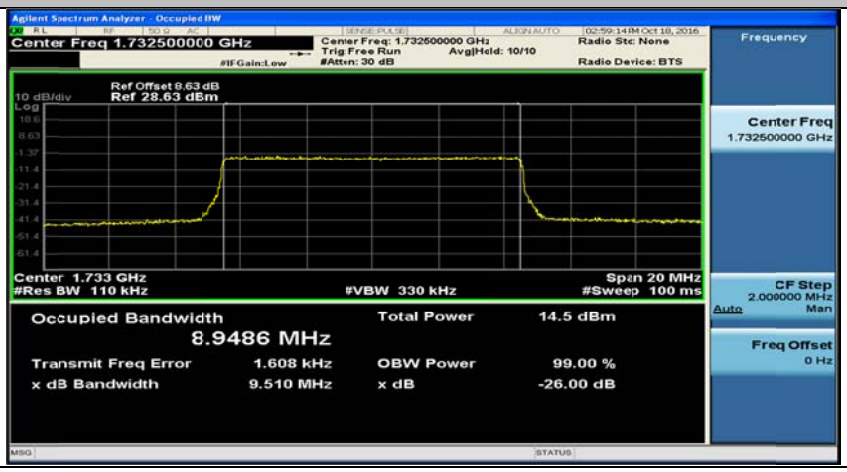


Channel Bandwidth: 10 MHz

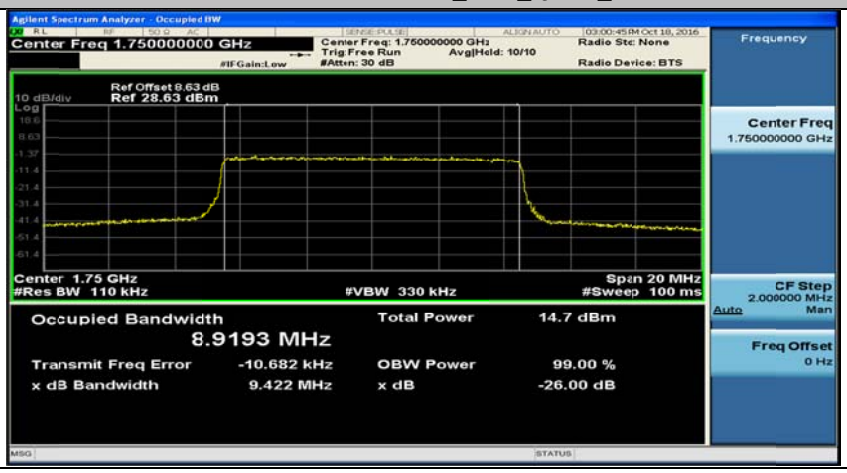
Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0

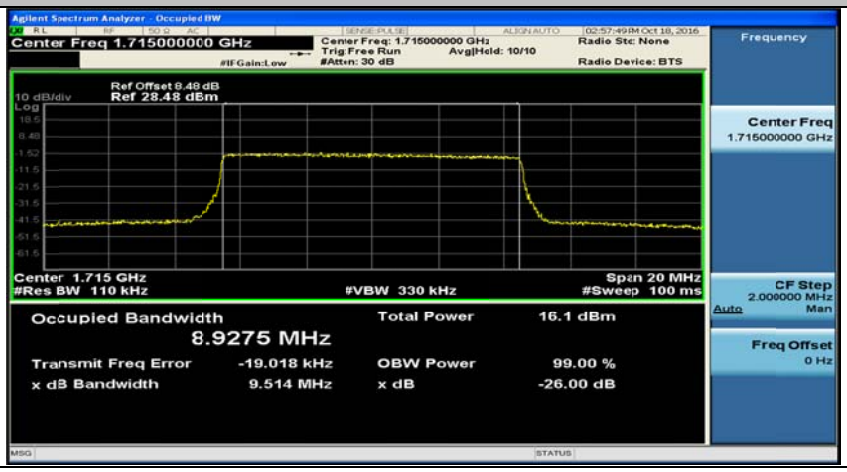


Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0



Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0


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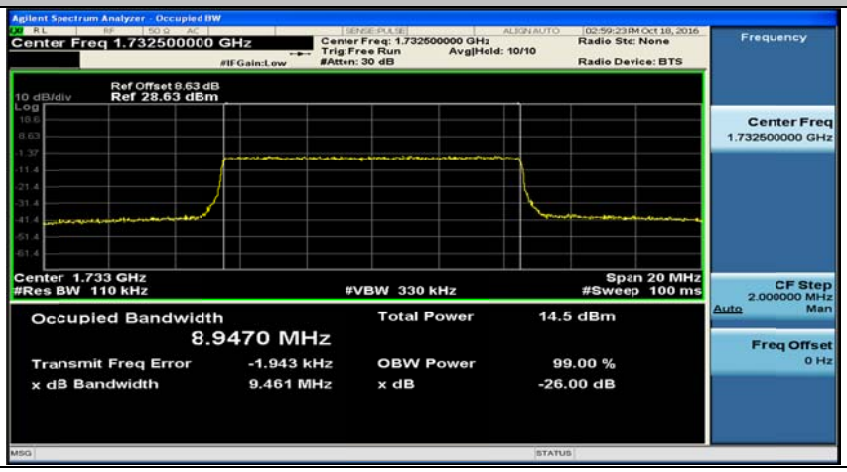

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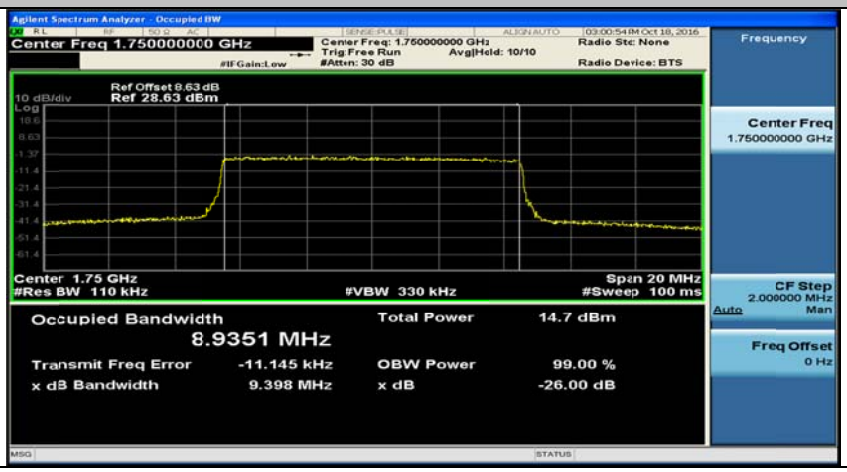
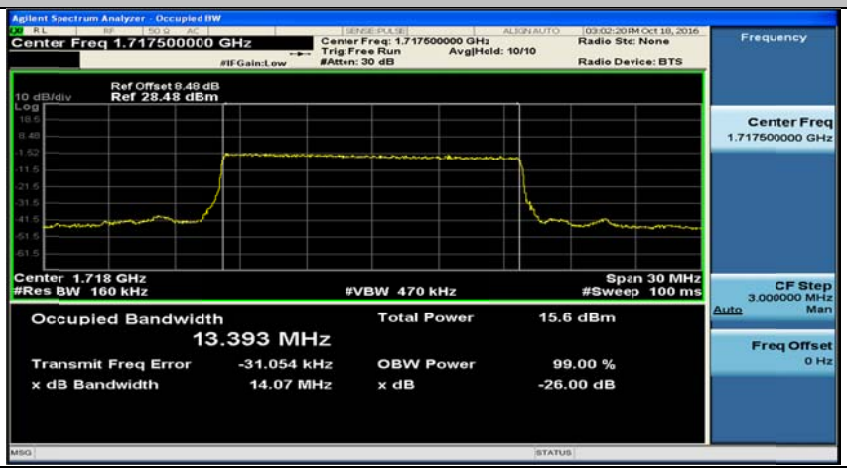
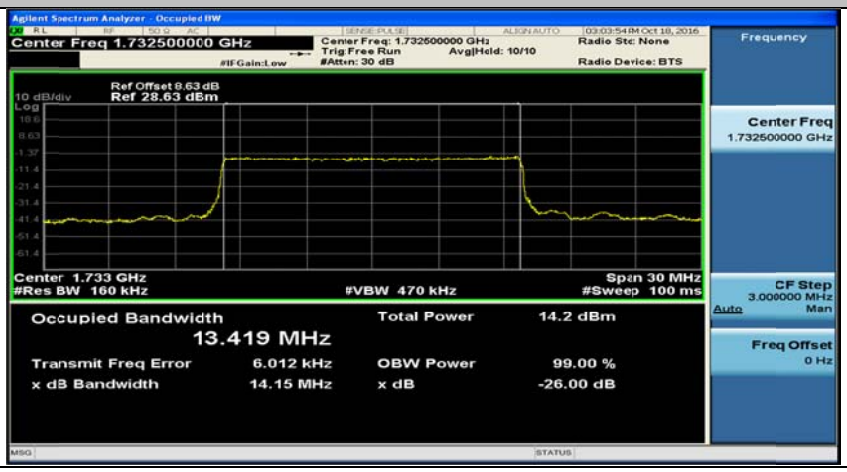


Channel Bandwidth: 15 MHz

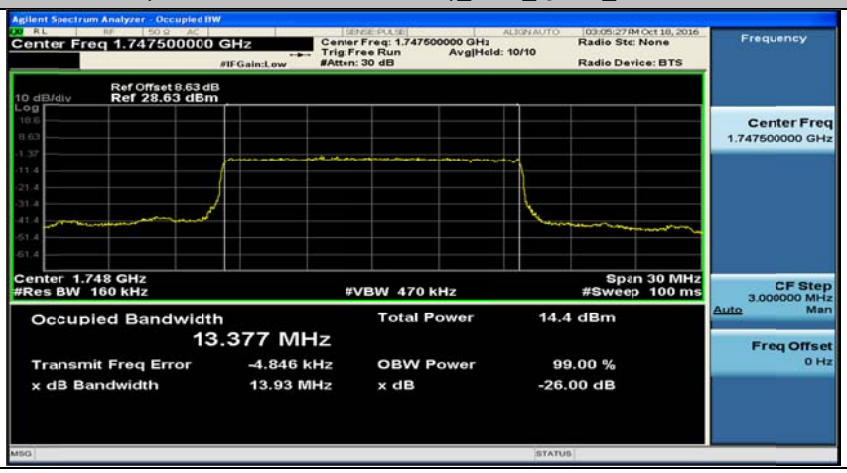
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



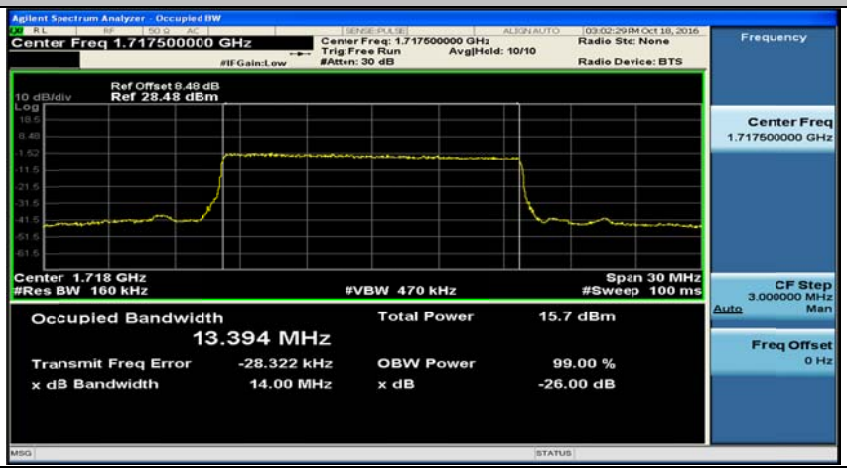
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



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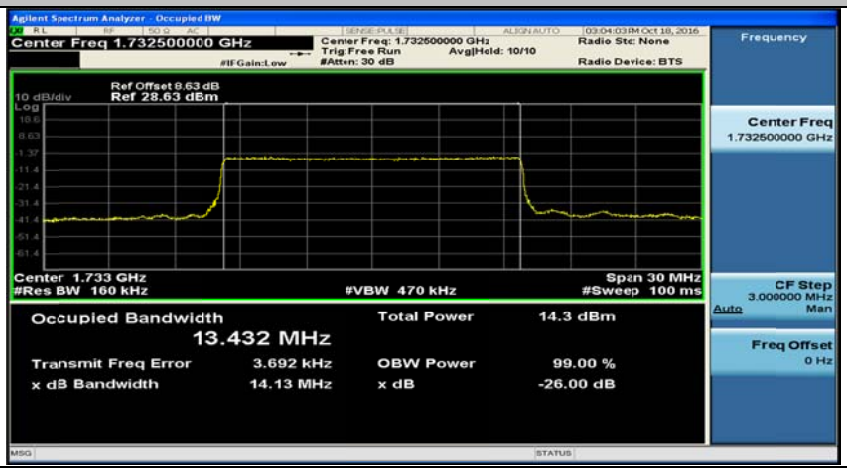
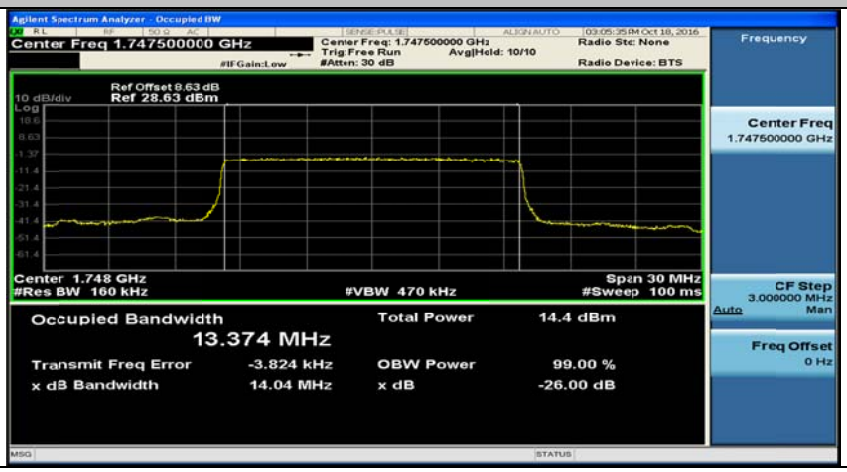
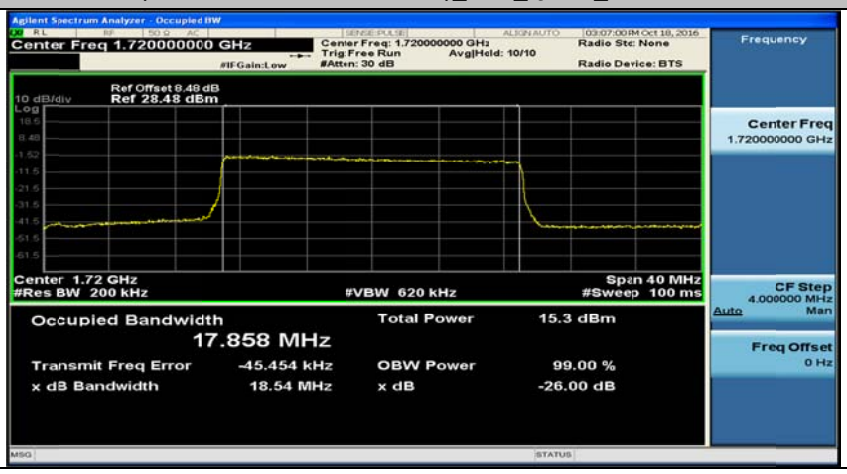


(Channel Bandwidth:15 MHz)_HCH_16QAM_75RB#0

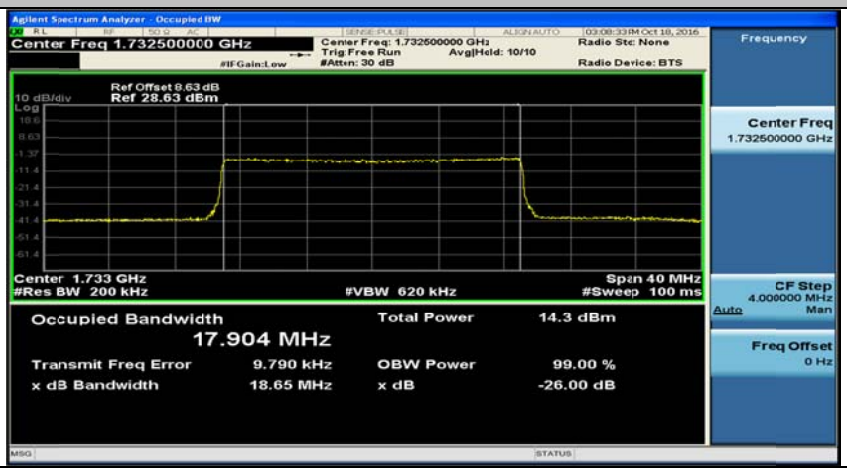


Channel Bandwidth: 20 MHz

(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



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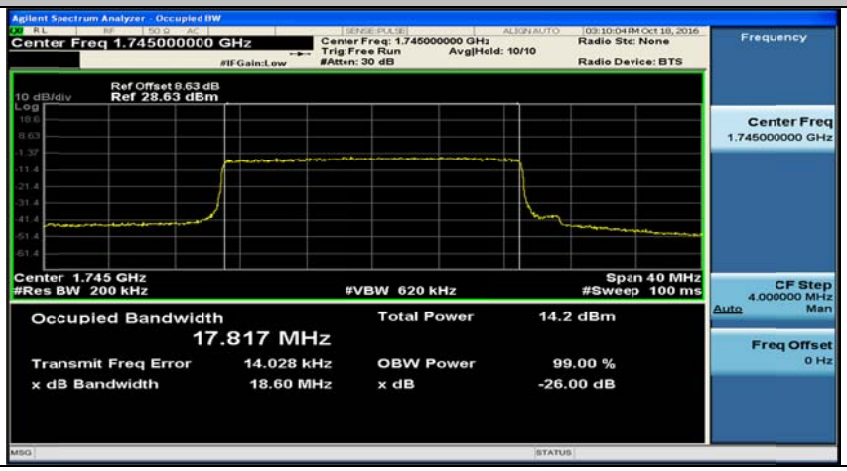

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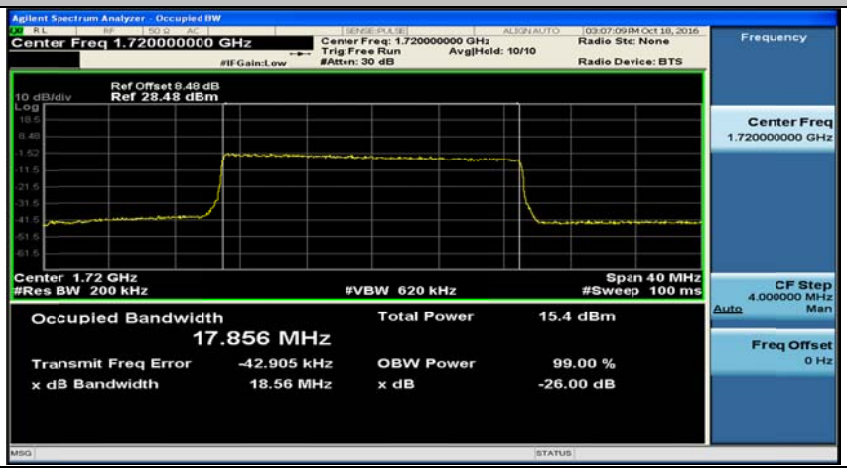

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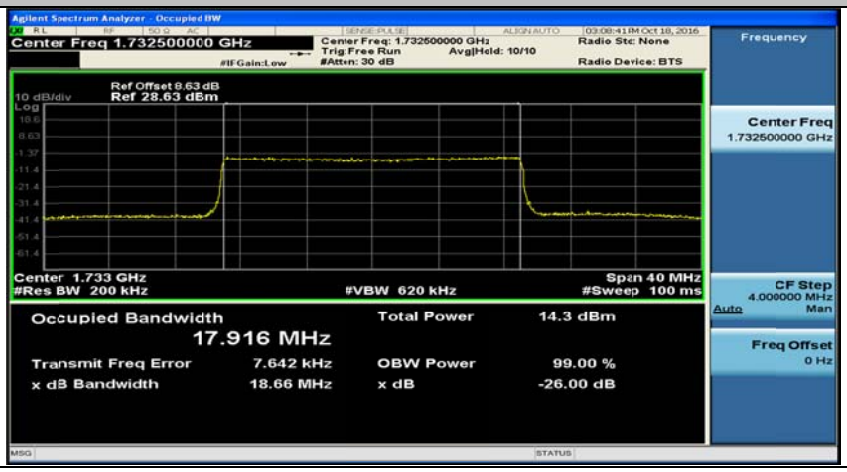
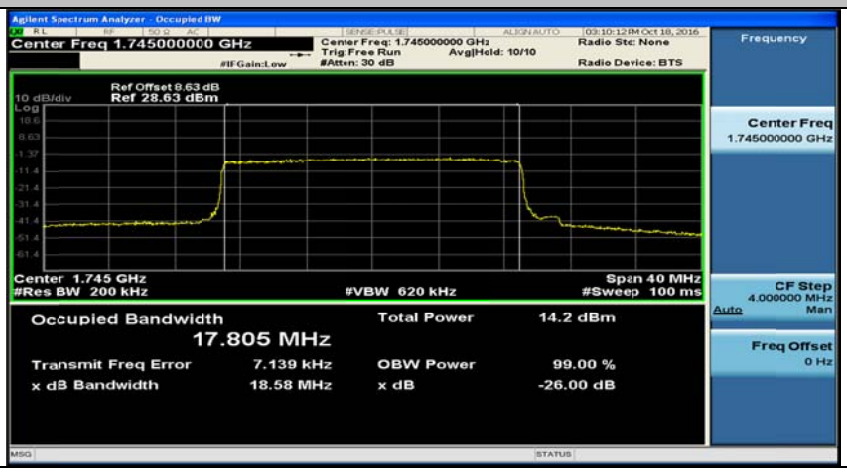
(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0