Appendix A.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	1.0801	1.305	PASS
	MCH	6	0	1.0787	1.277	PASS
	HCH	6	0	1.0787	1.304	PASS
16QAM	LCH	6	0	1.0828	1.349	PASS
	MCH	6	0	1.0816	1.328	PASS
	HCH	6	0	1.0845	1.345	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	2.6806	2.929	PASS
	MCH	15	0	2.6774	2.951	PASS
	HCH	15	0	2.6824	2.955	PASS
16QAM	LCH	15	0	2.6802	2.967	PASS
	MCH	15	0	2.6819	2.960	PASS
	HCH	15	0	2.6829	2.977	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	4.4725	4.830	PASS
	MCH	25	0	4.4761	4.848	PASS
	HCH	25	0	4.4746	4.952	PASS
16QAM	LCH	25	0	4.4739	4.867	PASS
	MCH	25	0	4.4749	4.879	PASS
	HCH	25	0	4.4836	4.984	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	8.9519	9.593	PASS
	MCH	50	0	8.9583	9.550	PASS
	HCH	50	0	8.9220	9.529	PASS
16QAM	LCH	50	0	8.9445	9.567	PASS
	MCH	50	0	8.9453	9.576	PASS
	HCH	50	0	8.9388	9.444	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	13.409	14.21	PASS
	MCH	75	0	13.401	14.19	PASS
	HCH	75	0	13.339	13.93	PASS
16QAM	LCH	75	0	13.405	14.18	PASS
	MCH	75	0	13.404	14.03	PASS
	HCH	75	0	13.337	13.99	PASS

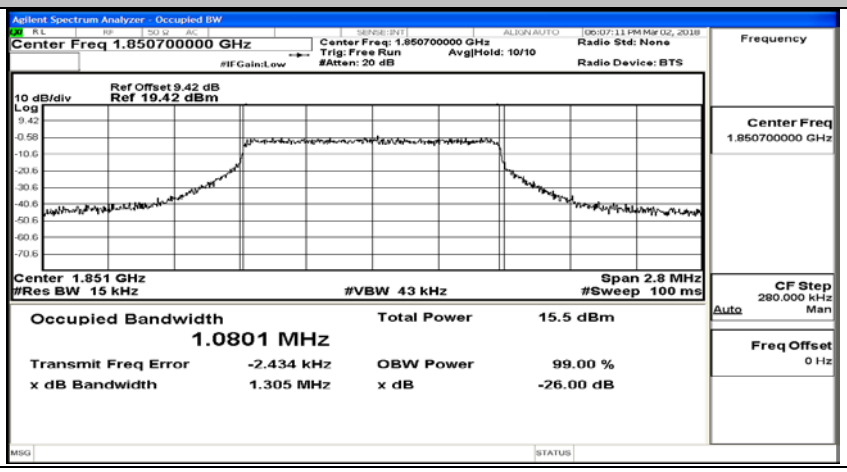
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.889	18.98	PASS
	MCH	100	0	17.891	18.87	PASS
	HCH	100	0	17.807	18.59	PASS
16QAM	LCH	100	0	17.894	18.94	PASS
	MCH	100	0	17.890	18.92	PASS
	HCH	100	0	17.792	18.74	PASS

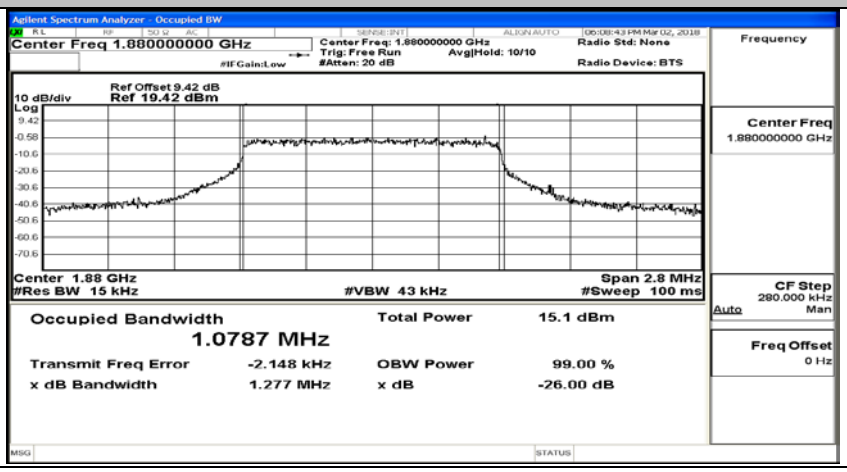
Test Graphs

Channel Bandwidth: 1.4 MHz

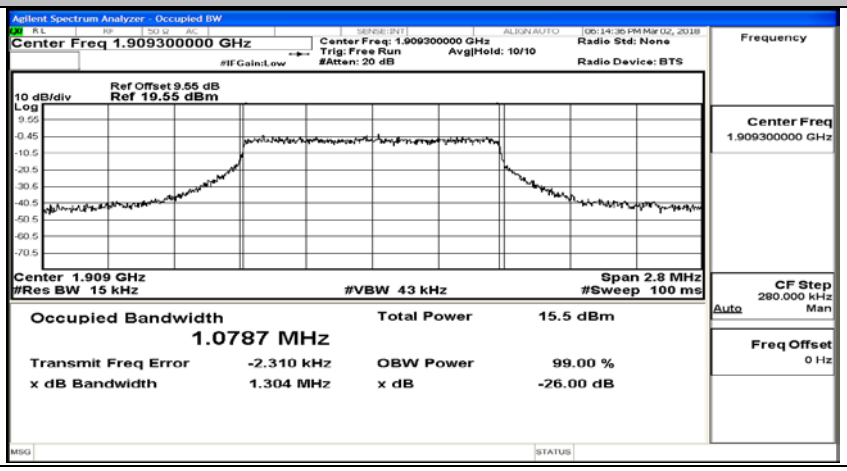
(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0



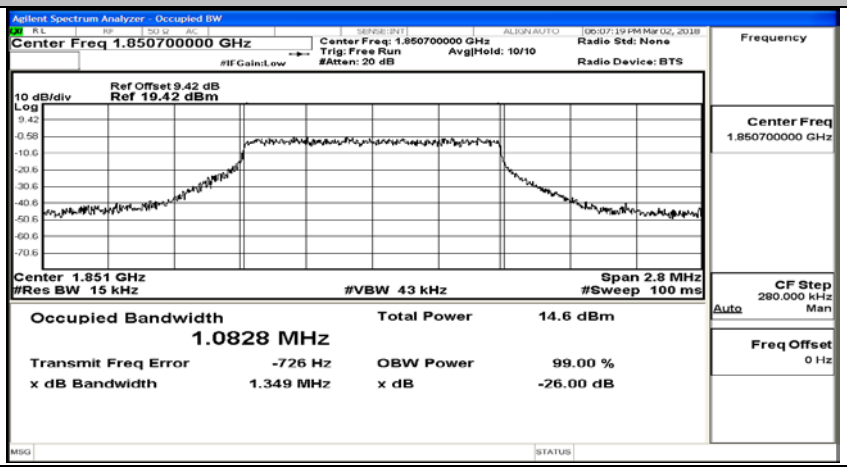
(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0



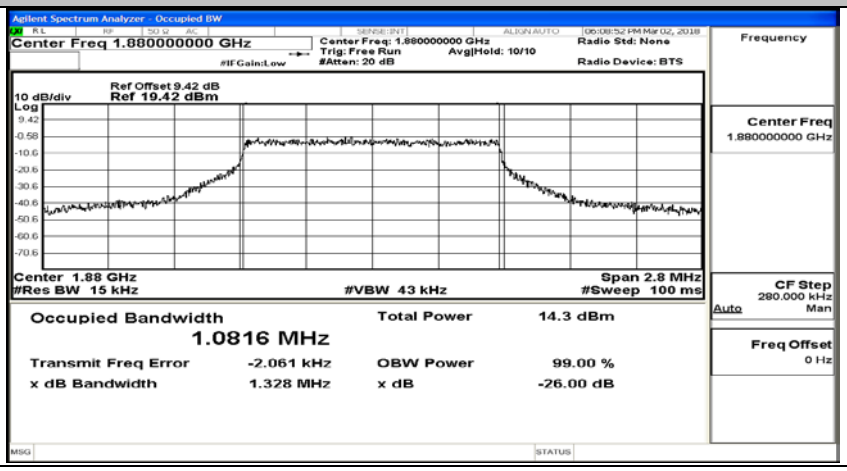
(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0



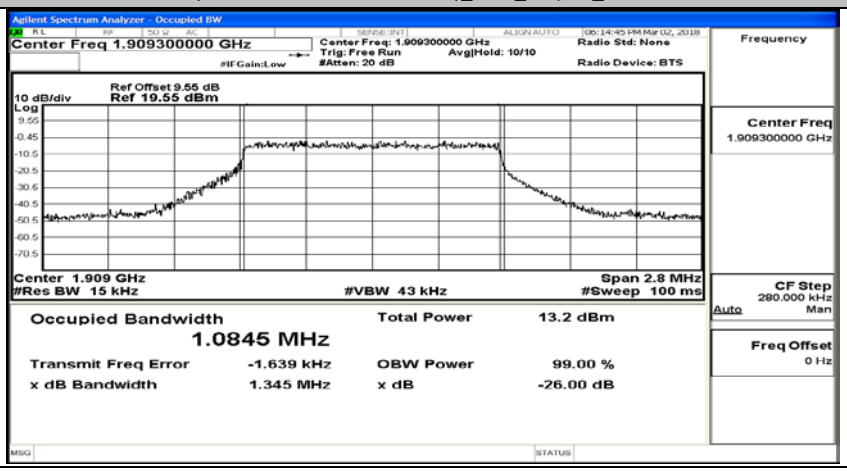
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

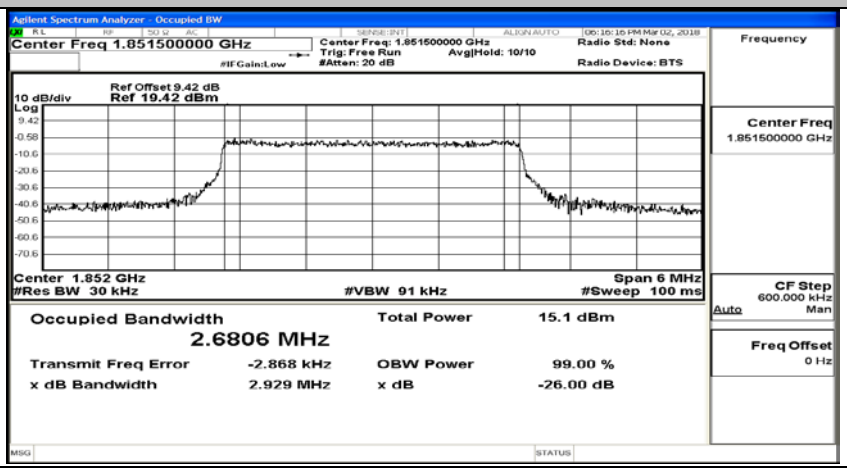


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



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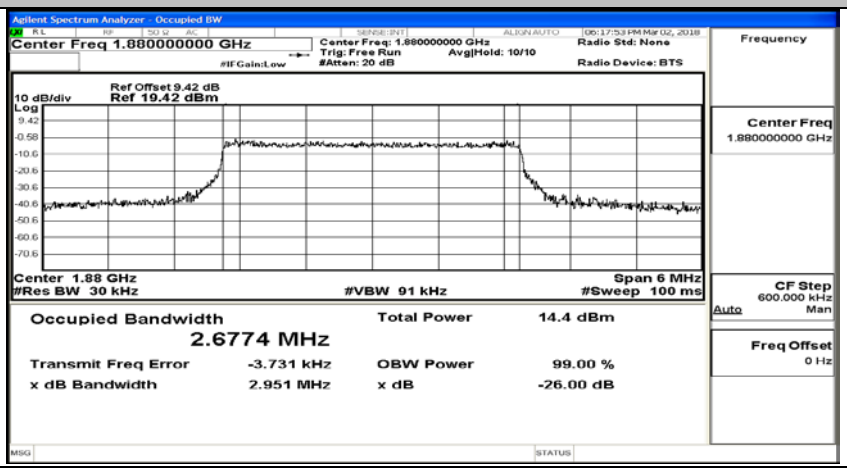

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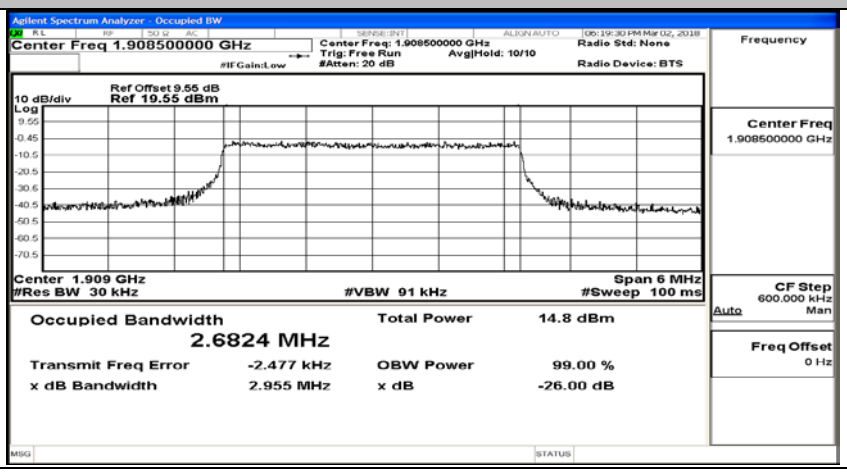

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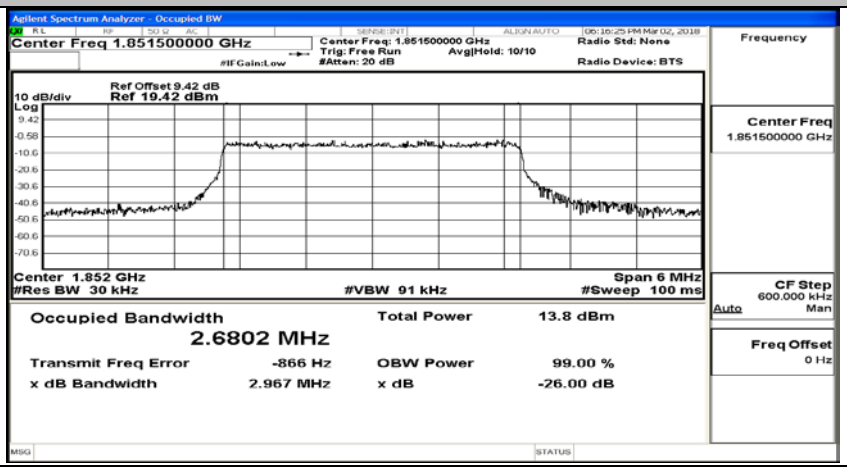

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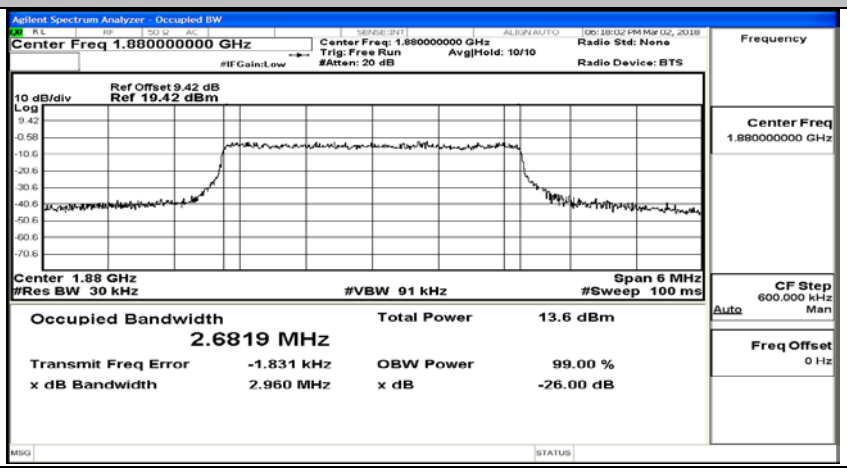
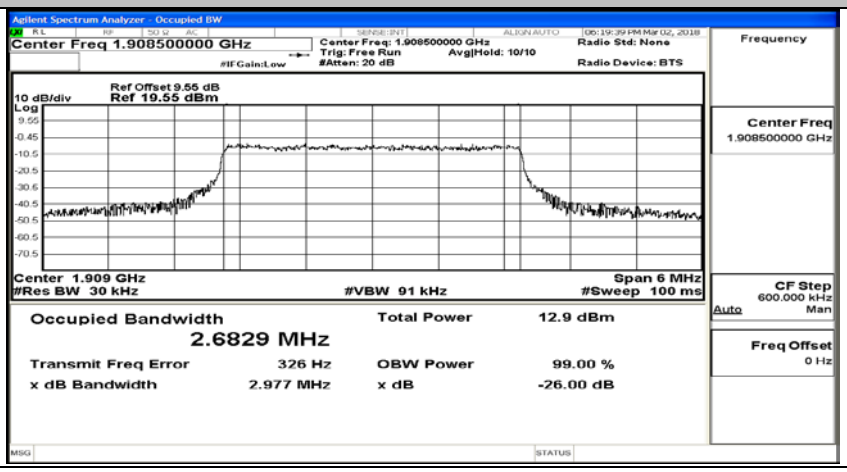
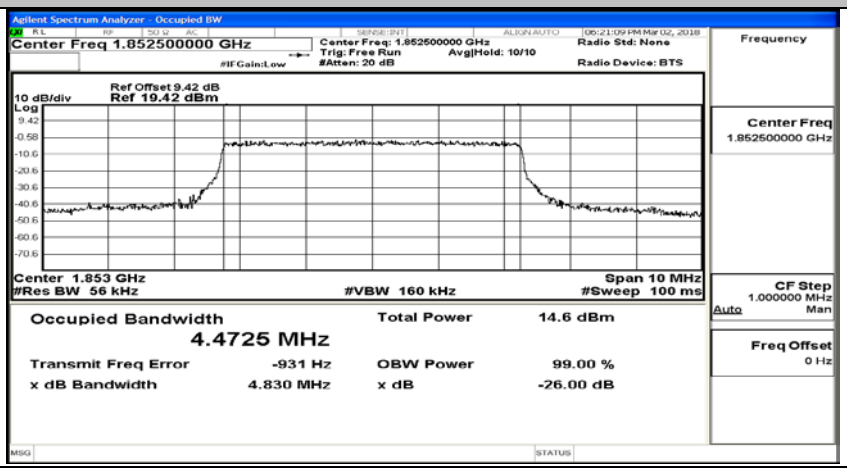


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0



Channel Bandwidth: 5 MHz

(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



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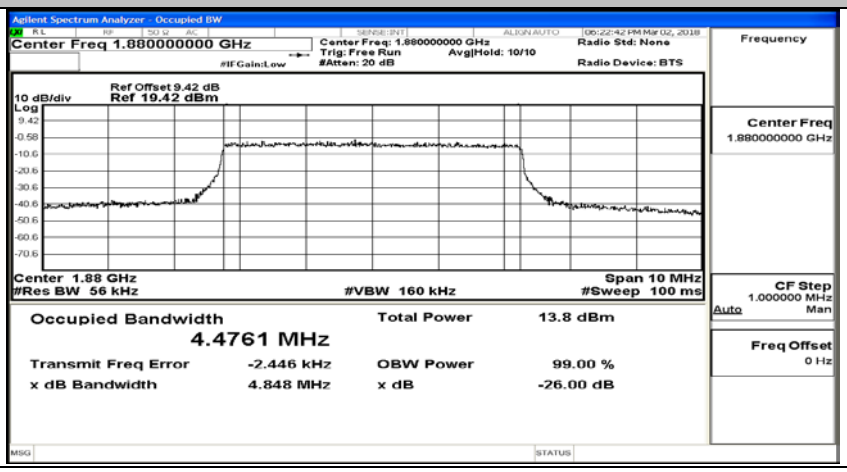

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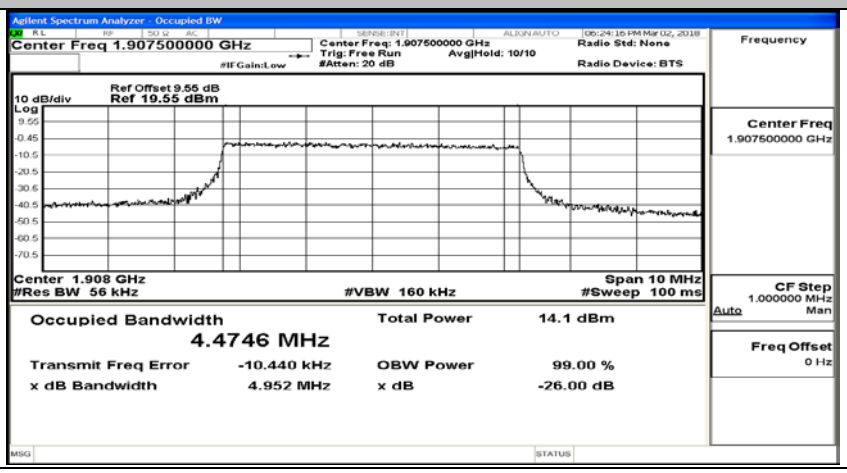

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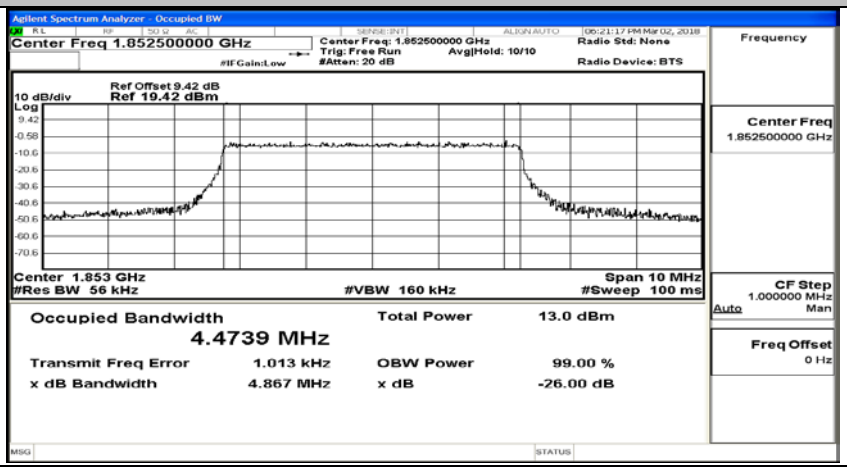

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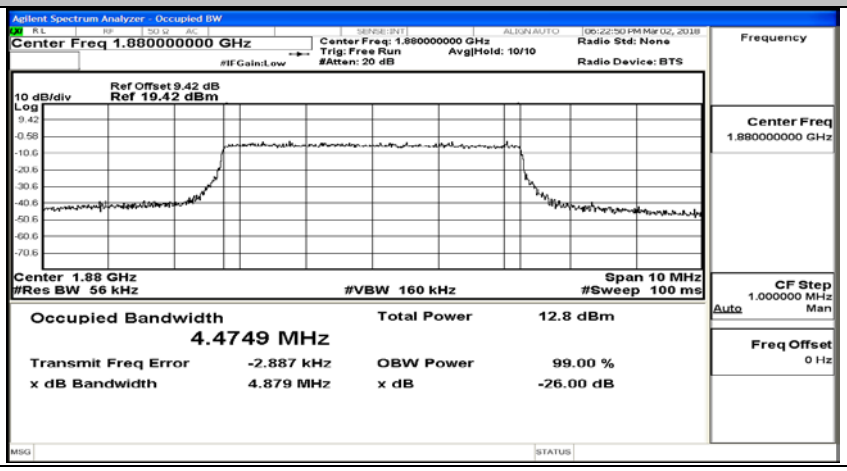

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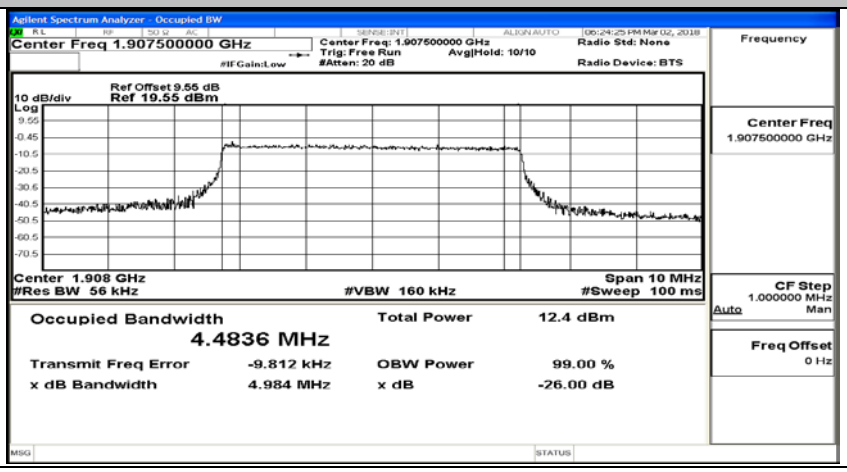
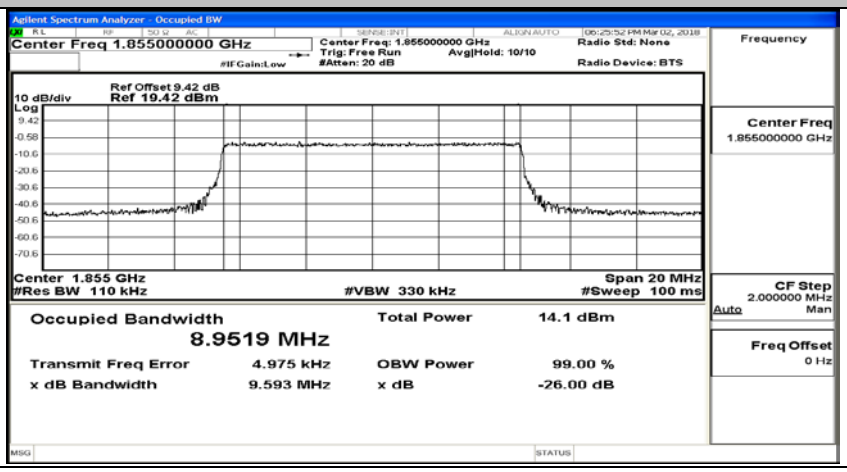
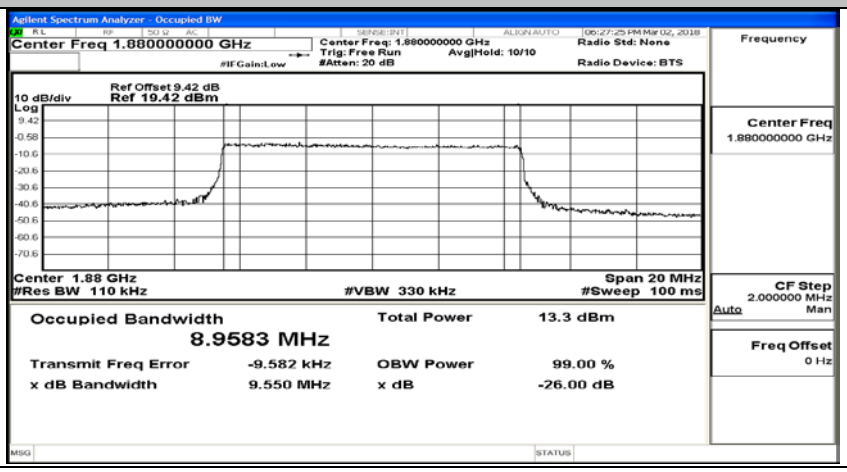
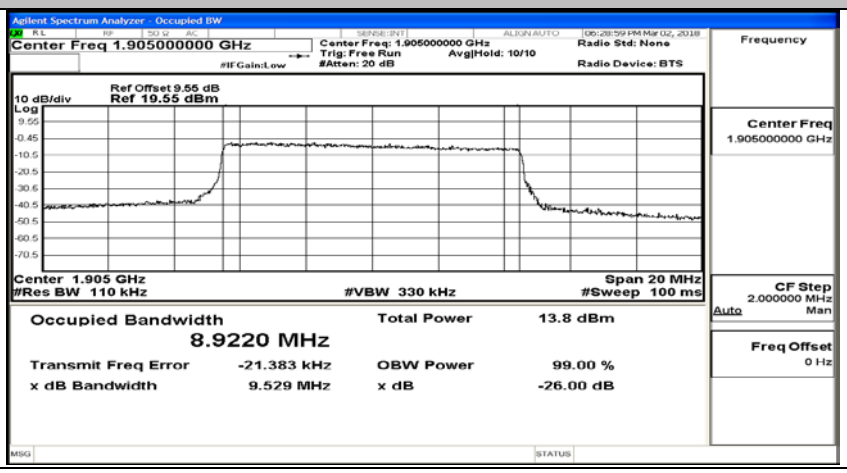


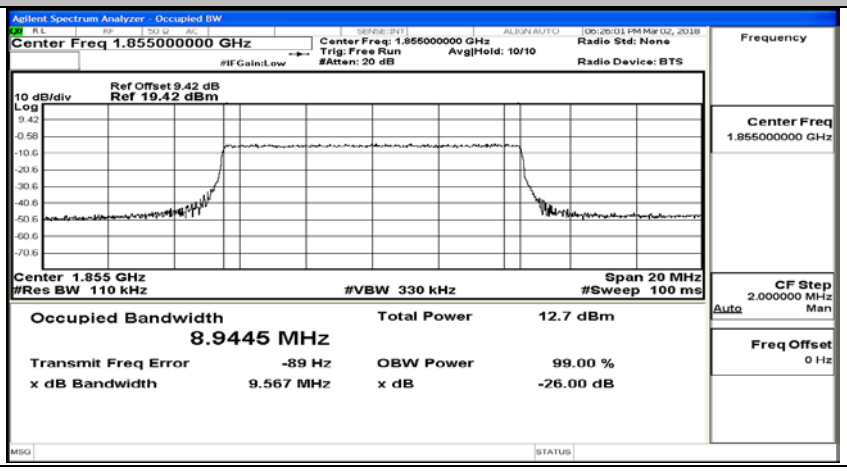
Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0


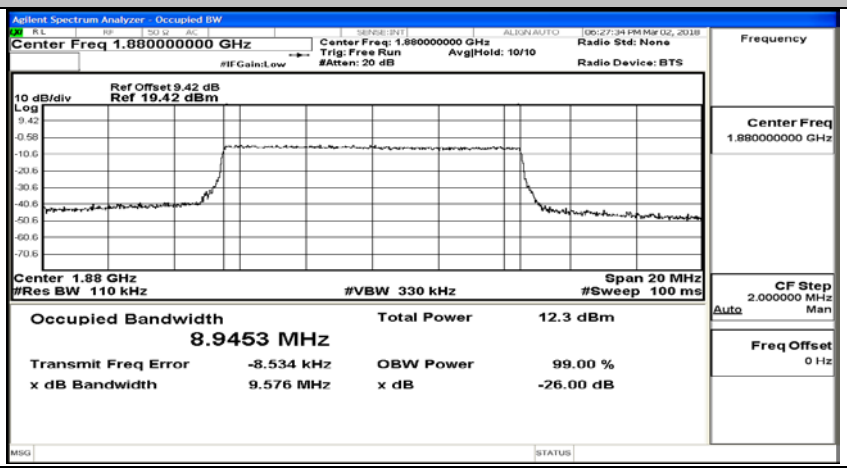
Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0


Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0


Channel Bandwidth: 10 MHz_LCH_16QAM_50RB#0



Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0



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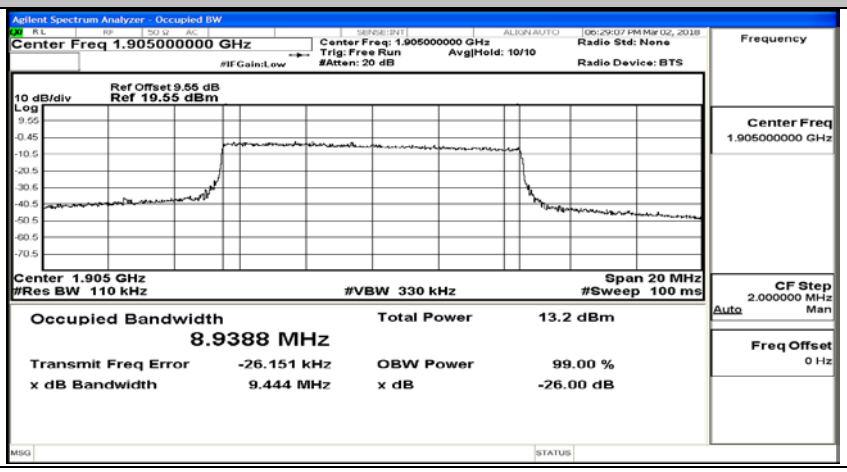
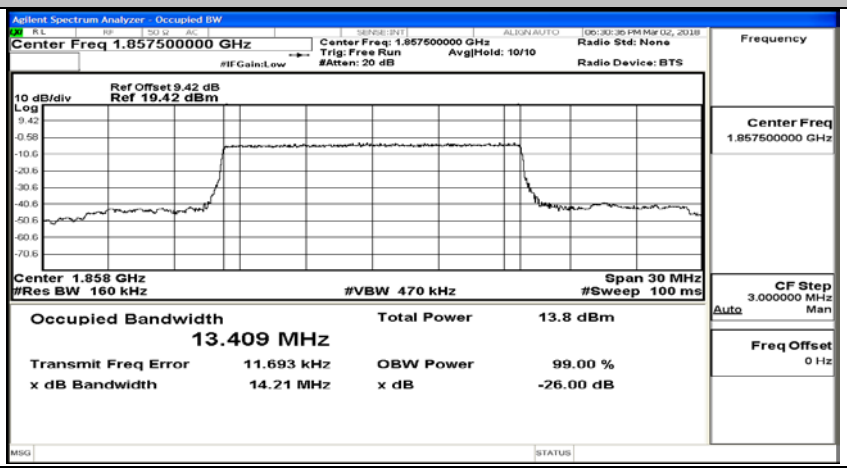
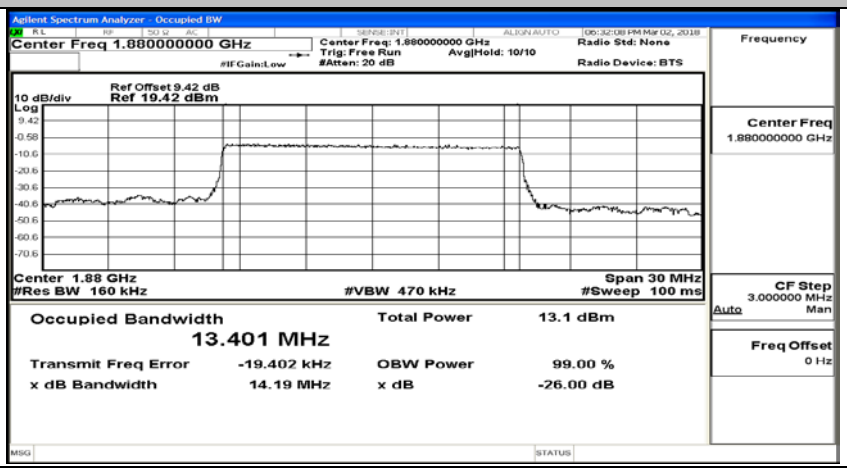


Channel Bandwidth: 15 MHz

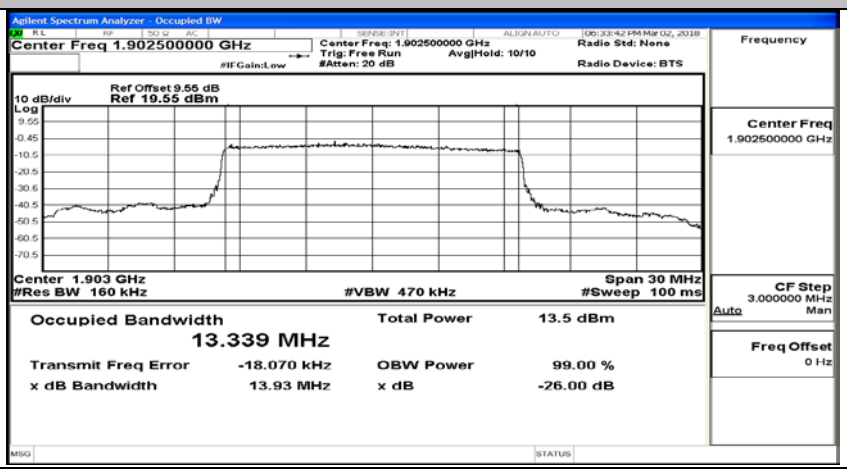
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



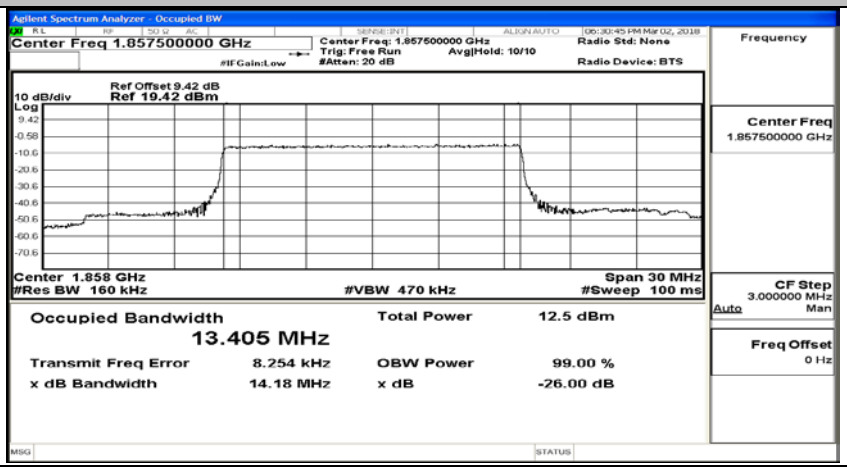
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0



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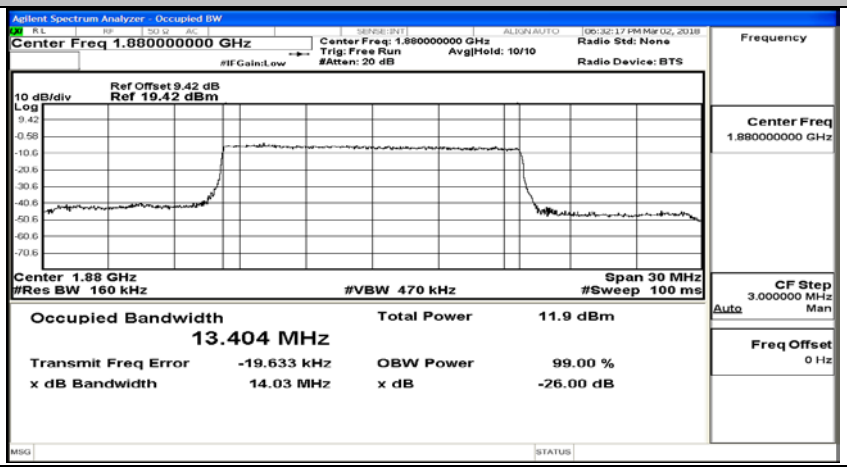

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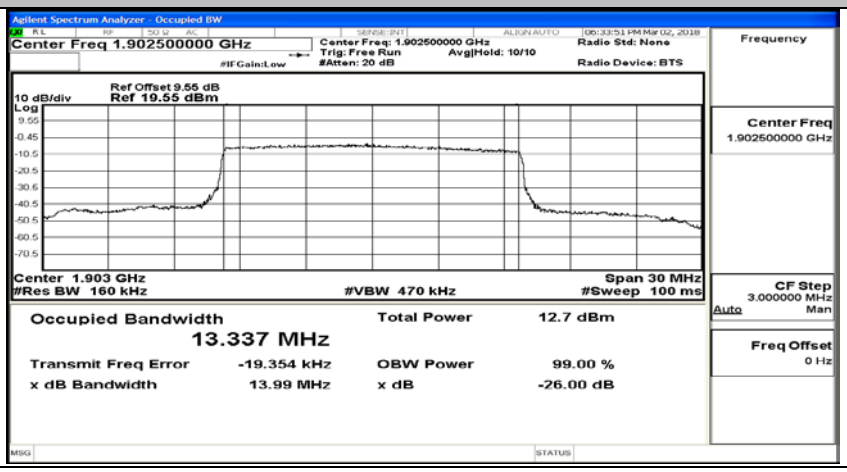
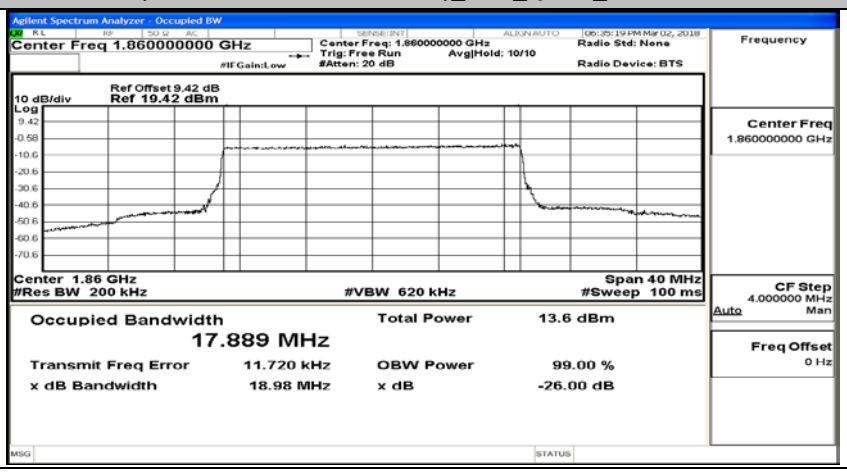
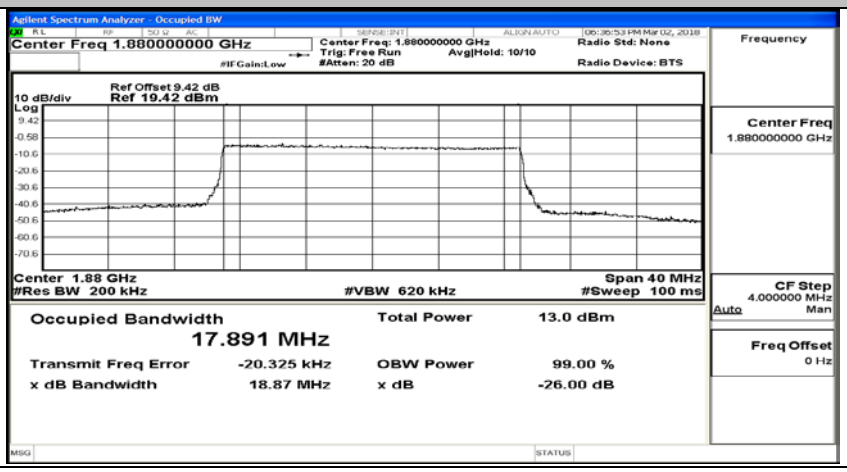


Channel Bandwidth: 20 MHz

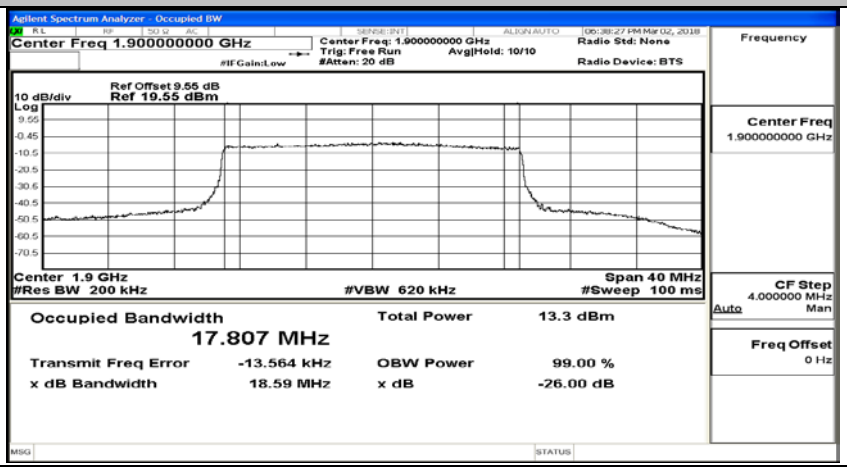
(Channel Bandwidth:20 MHz)_LCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_MCH_QPSK_100RB#0



(Channel Bandwidth:20 MHz)_HCH_QPSK_100RB#0



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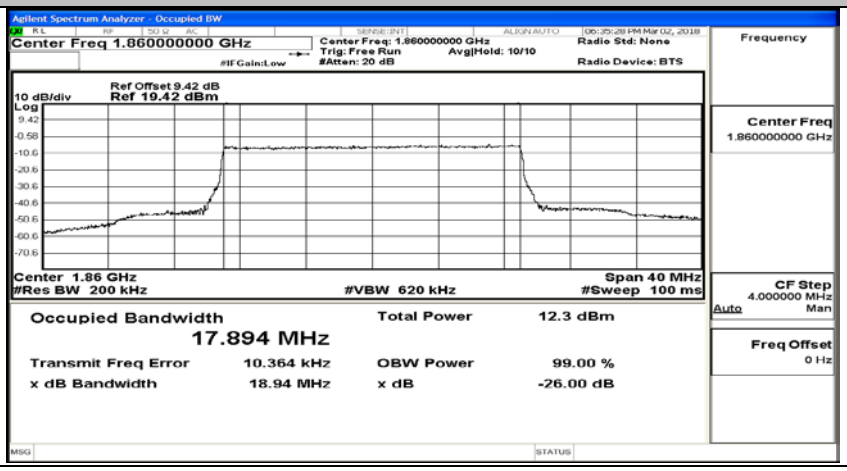

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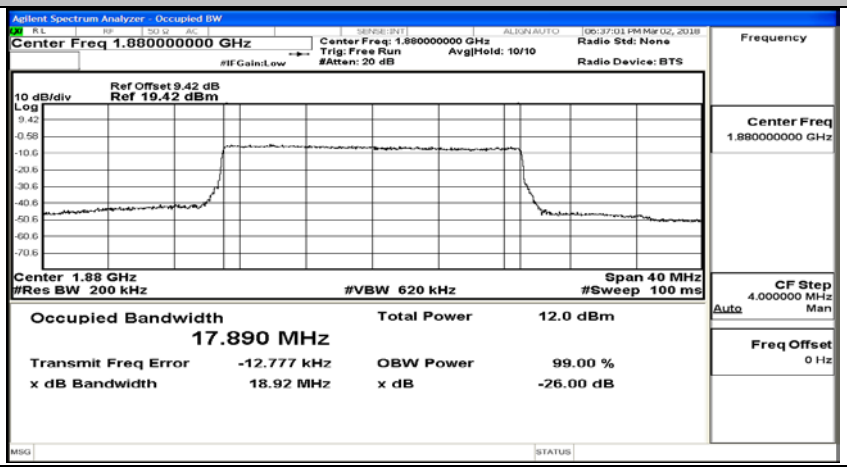
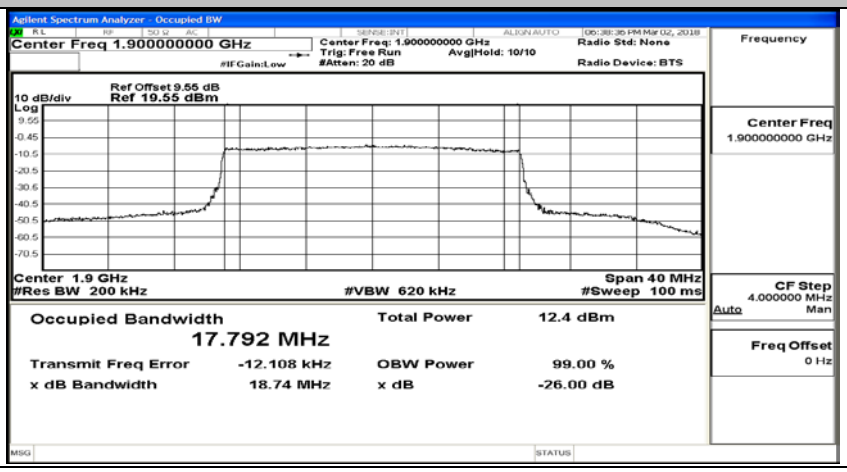
(Channel Bandwidth:20 MHz)_HCH_16QAM_100RB#0