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	1.0772	1.224	PASS
	MCH	6	0	1.0762	1.213	PASS
	HCH	6	0	1.0790	1.261	PASS
16QAM	LCH	6	0	1.0807	1.241	PASS
	MCH	6	0	1.0806	1.241	PASS
	HCH	6	0	1.0776	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	2.6852	2.870	PASS
	MCH	15	0	2.6862	2.885	PASS
	HCH	15	0	2.6853	2.915	PASS
16QAM	LCH	15	0	2.6844	2.874	PASS
	MCH	15	0	2.6849	2.882	PASS
	HCH	15	0	2.6895	2.900	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	4.4853	4.844	PASS
	MCH	25	0	4.4844	4.856	PASS
	HCH	25	0	4.4887	5.033	PASS
16QAM	LCH	25	0	4.4864	4.815	PASS
	MCH	25	0	4.4827	4.827	PASS
	HCH	25	0	4.4923	4.923	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	8.9353	9.473	PASS
	MCH	50	0	8.9365	9.543	PASS
	HCH	50	0	8.9621	11.64	PASS
16QAM	LCH	50	0	8.9390	9.455	PASS
	MCH	50	0	8.9398	9.544	PASS
	HCH	50	0	8.9547	9.612	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	13.422	14.18	PASS
	MCH	75	0	13.384	14.12	PASS
	HCH	75	0	13.414	14.20	PASS
16QAM	LCH	75	0	13.417	14.03	PASS
	MCH	75	0	13.385	14.06	PASS
	HCH	75	0	13.408	14.11	PASS

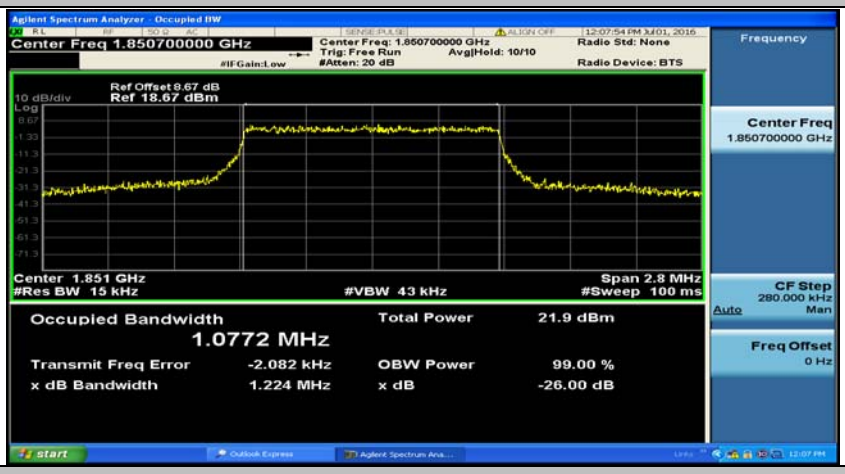
Channel Bandwidth: 20 MHz

Channel Bandwidth: 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.910	18.70	PASS
	MCH	100	0	17.844	18.58	PASS
	HCH	100	0	17.896	19.02	PASS
16QAM	LCH	100	0	17.903	18.67	PASS
	MCH	100	0	17.836	18.57	PASS
	HCH	100	0	17.882	18.76	PASS

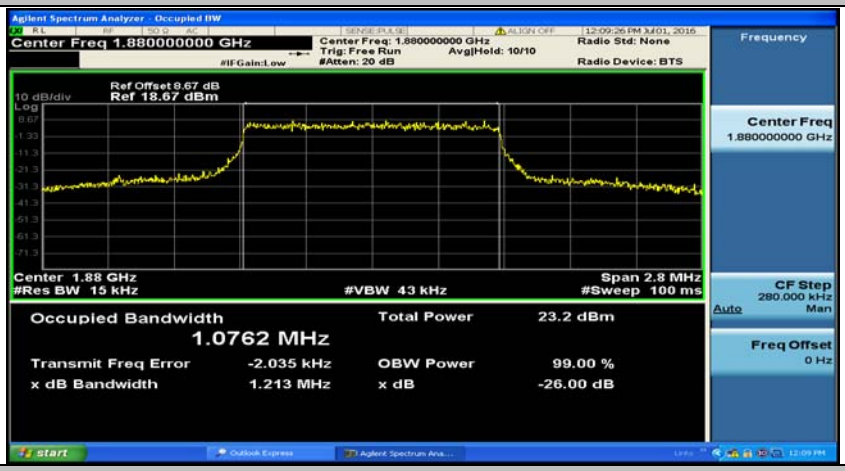
Test Graphs

Channel Bandwidth: 1.4 MHz

(Channel Bandwidth: 1.4 MHz)_LCH_QPSK_6RB#0

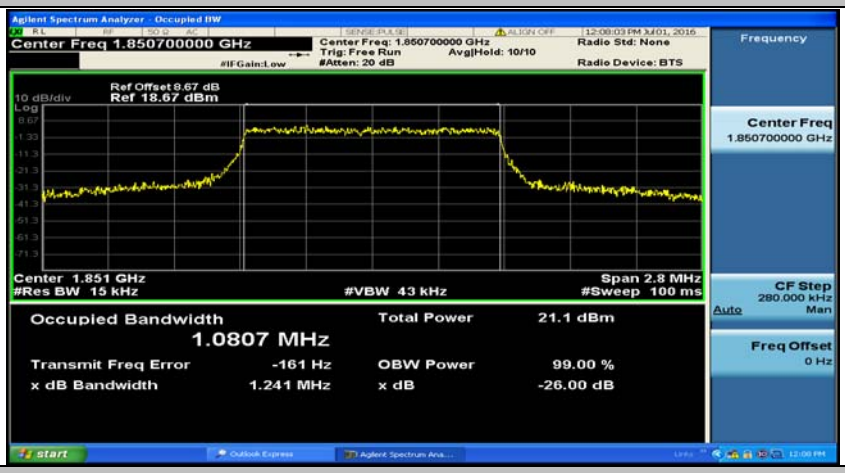


(Channel Bandwidth: 1.4 MHz)_MCH_QPSK_6RB#0

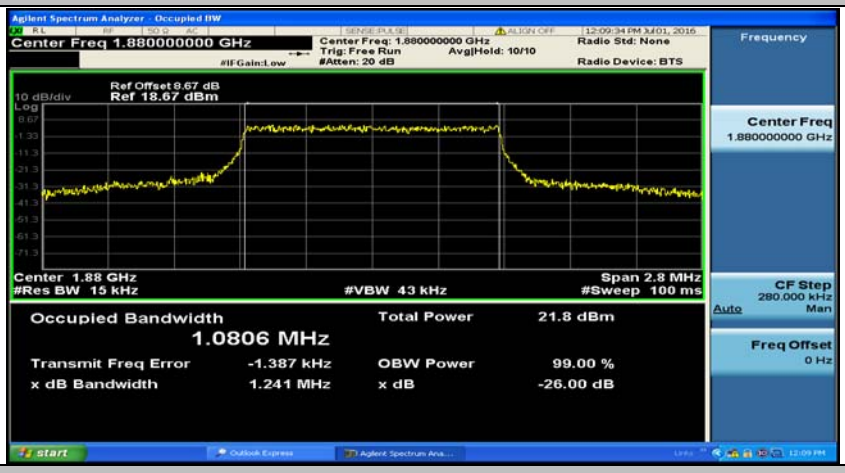


(Channel Bandwidth: 1.4 MHz)_HCH_QPSK_6RB#0

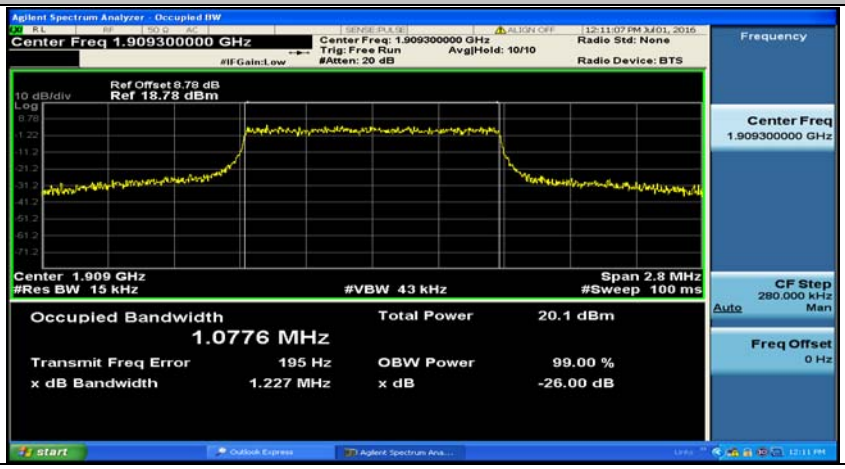
(Channel Bandwidth: 1.4 MHz)_LCH_16QAM_6RB#0



(Channel Bandwidth: 1.4 MHz)_MCH_16QAM_6RB#0

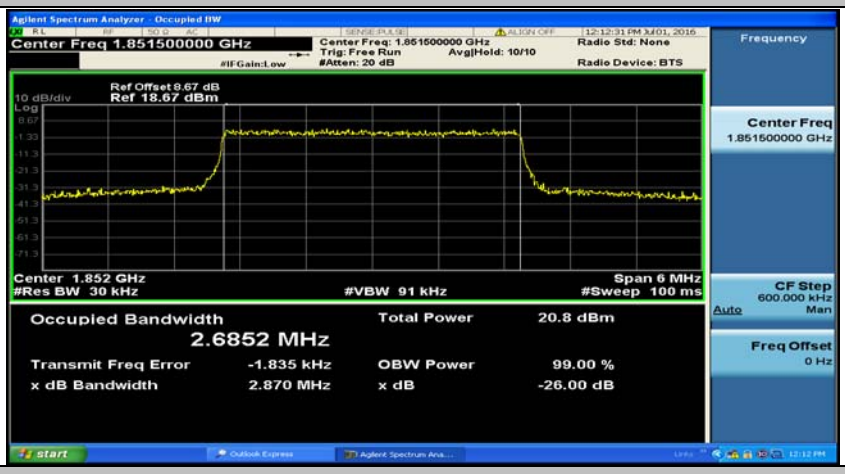


(Channel Bandwidth: 1.4 MHz)_HCH_16QAM_6RB#0



Channel Bandwidth: 3 MHz

(Channel Bandwidth: 3 MHz)_LCH_QPSK_15RB#0



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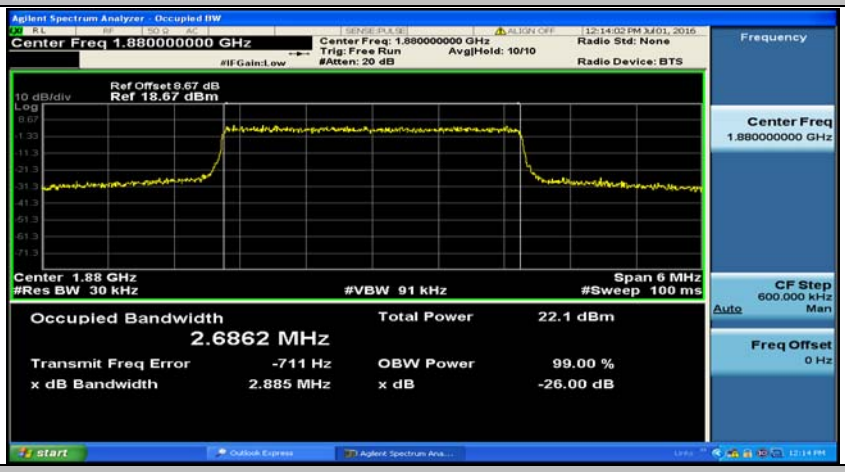

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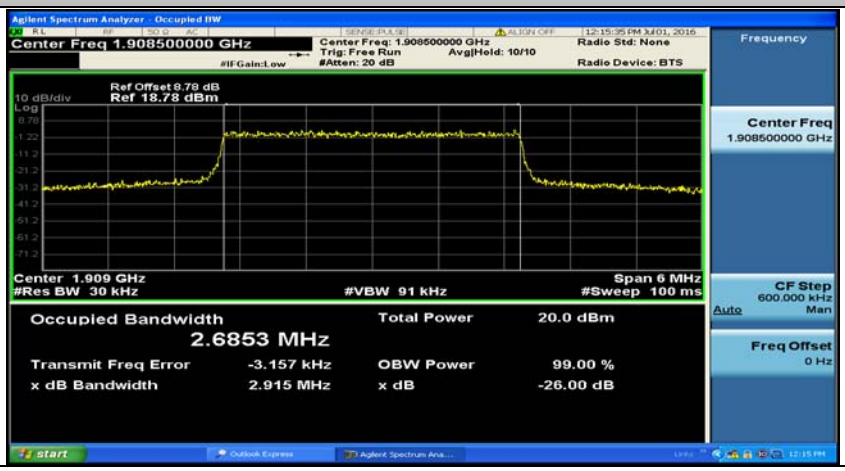

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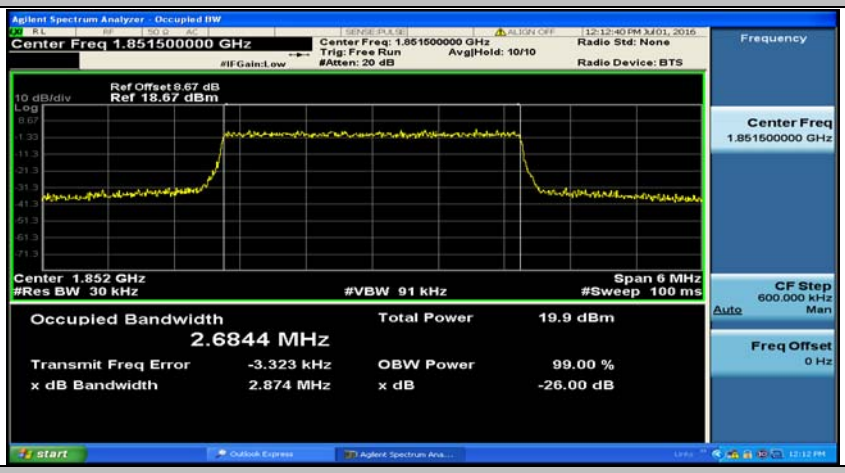

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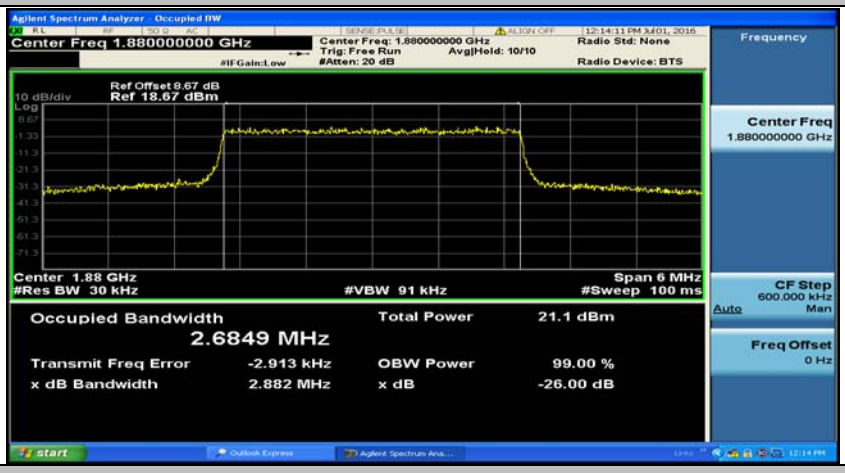
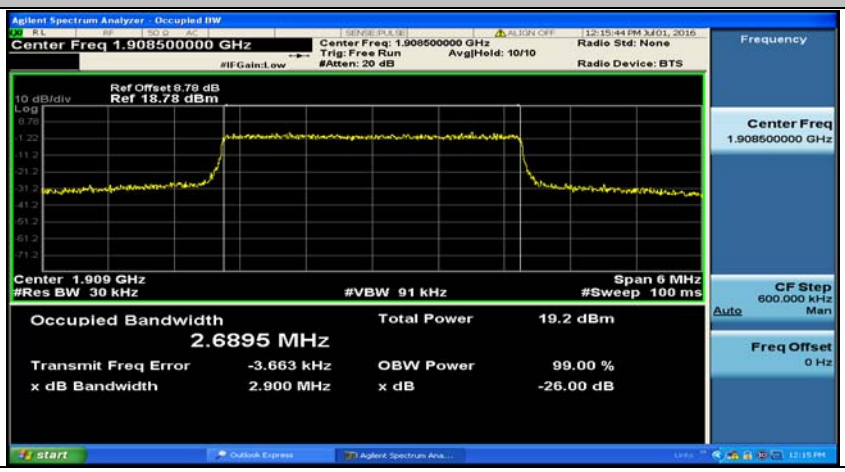
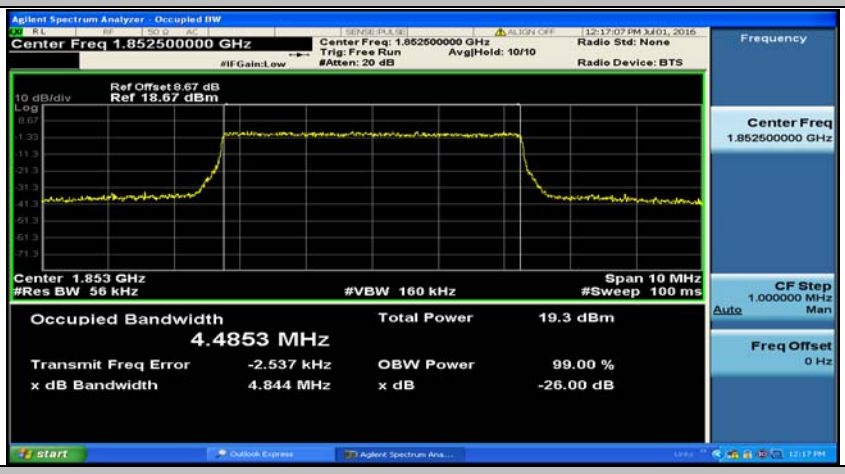


(Channel Bandwidth: 3 MHz)_HCH_16QAM_15RB#0

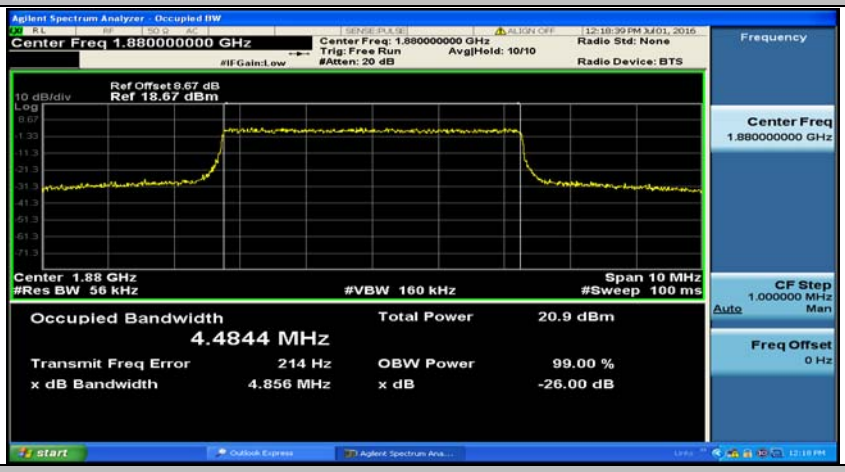


Channel Bandwidth: 5 MHz

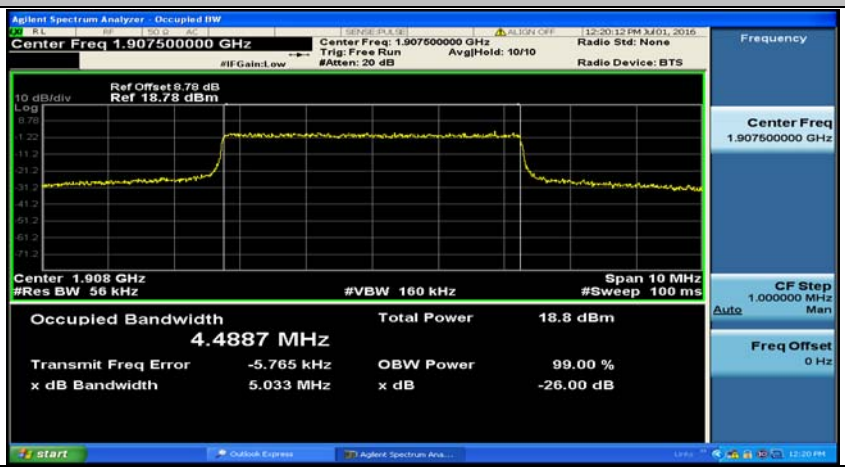
(Channel Bandwidth: 5 MHz)_LCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_MCH_QPSK_25RB#0

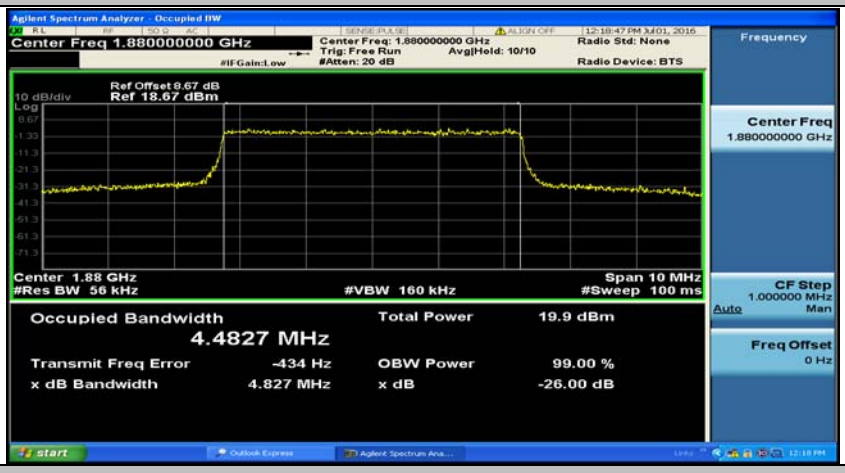


(Channel Bandwidth: 5 MHz)_HCH_QPSK_25RB#0



(Channel Bandwidth: 5 MHz)_LCH_16QAM_25RB#0

(Channel Bandwidth: 5 MHz)_MCH_16QAM_25RB#0



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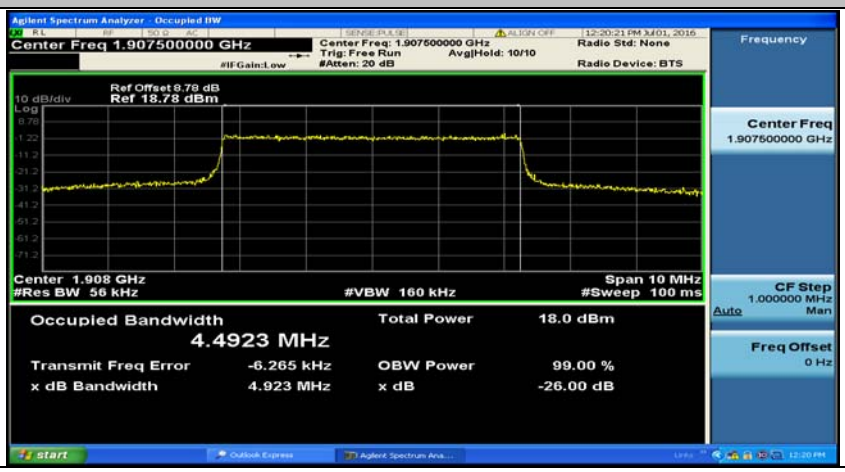
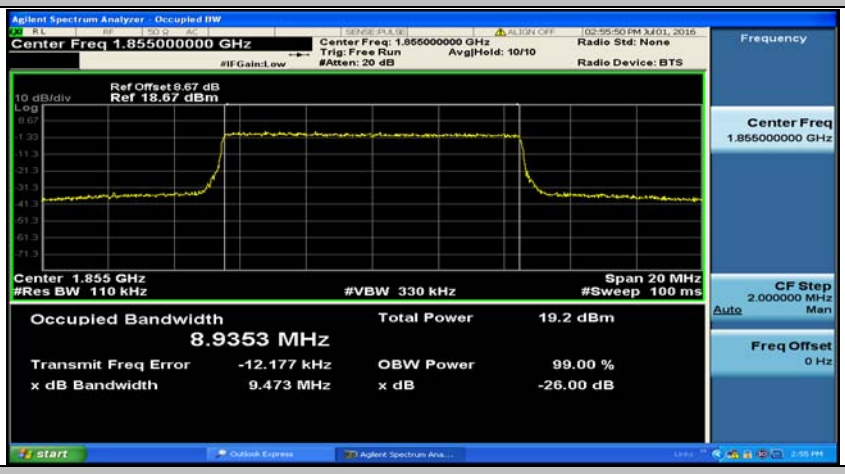
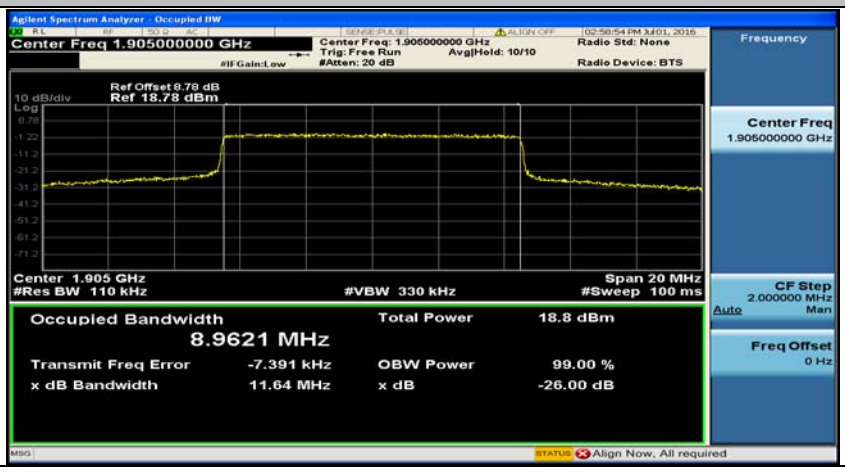


Channel Bandwidth: 10 MHz

Channel Bandwidth: 10 MHz_LCH_QPSK_50RB#0


Channel Bandwidth: 10 MHz_MCH_QPSK_50RB#0

Channel Bandwidth: 10 MHz_HCH_QPSK_50RB#0


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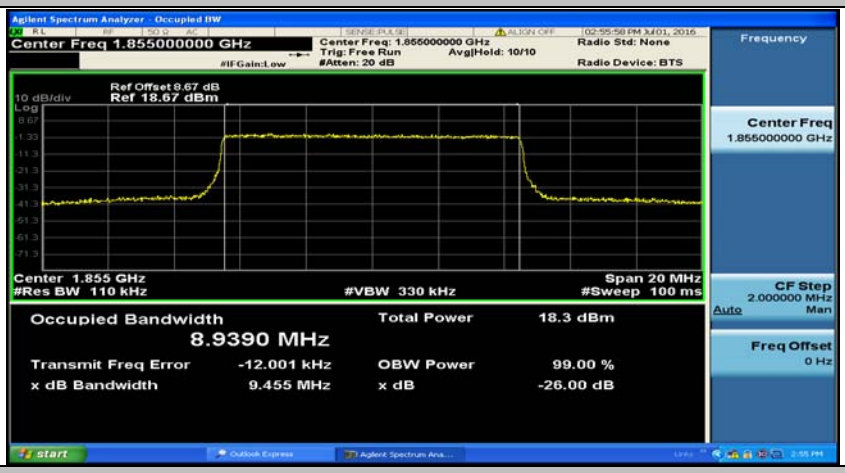
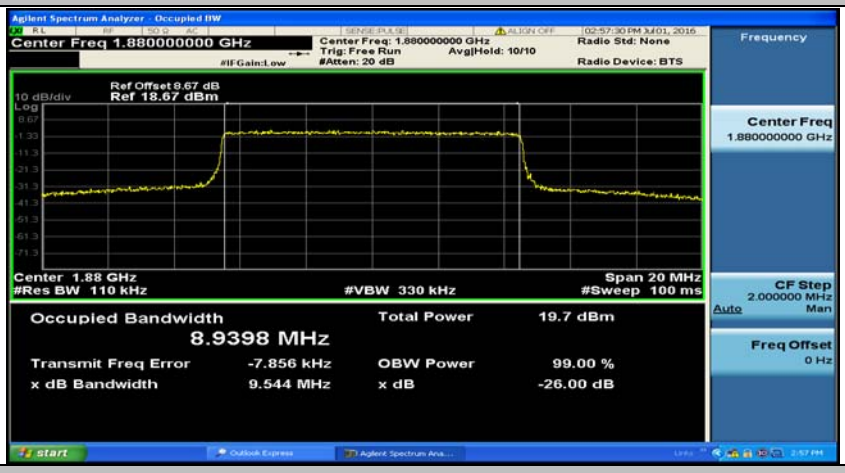
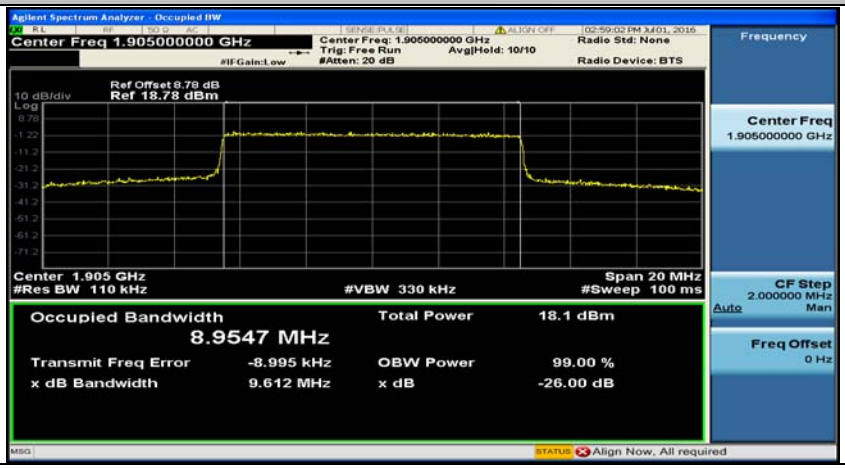


Channel Bandwidth: 10 MHz_MCH_16QAM_50RB#0

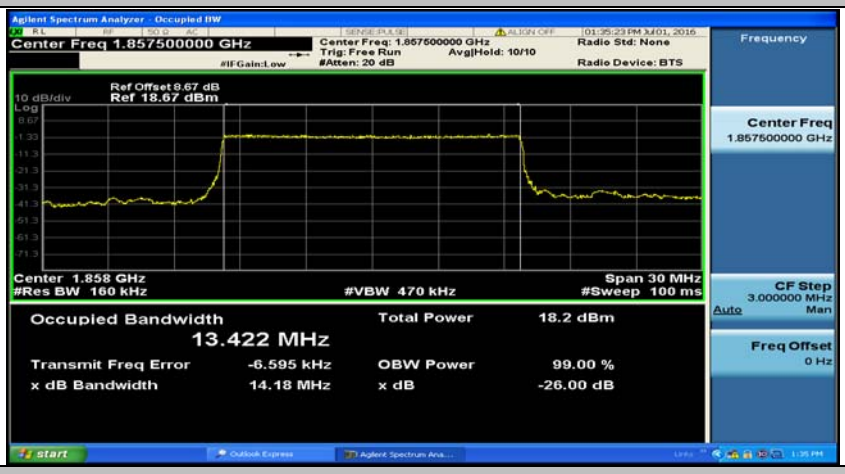


Channel Bandwidth: 10 MHz_HCH_16QAM_50RB#0

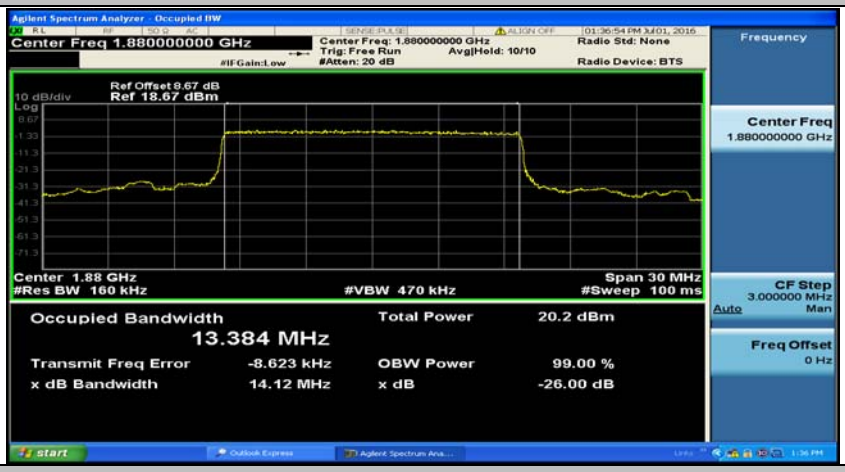


Channel Bandwidth: 15 MHz

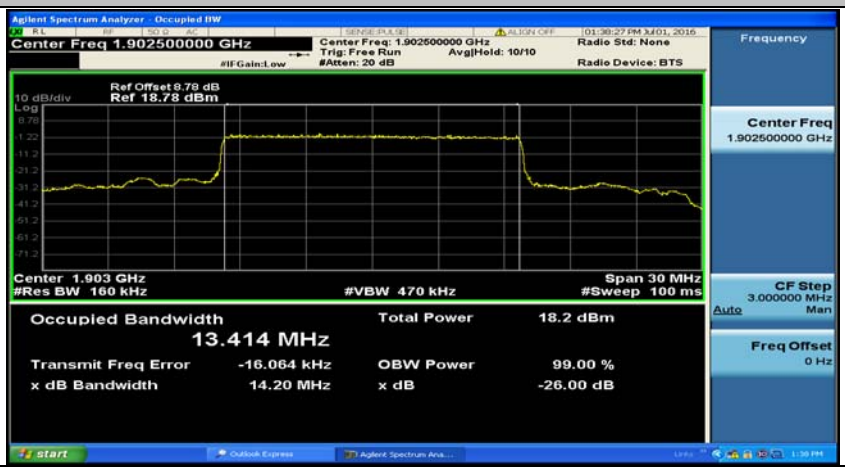
(Channel Bandwidth:15 MHz)_LCH_QPSK_75RB#0



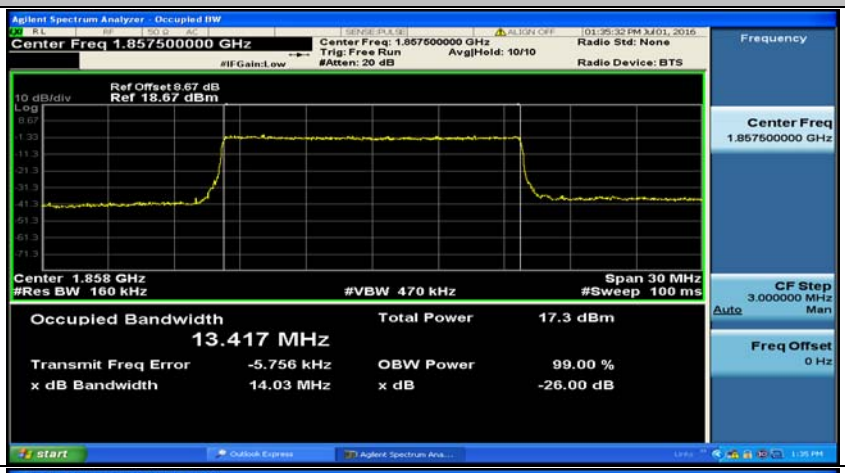
(Channel Bandwidth:15 MHz)_MCH_QPSK_75RB#0

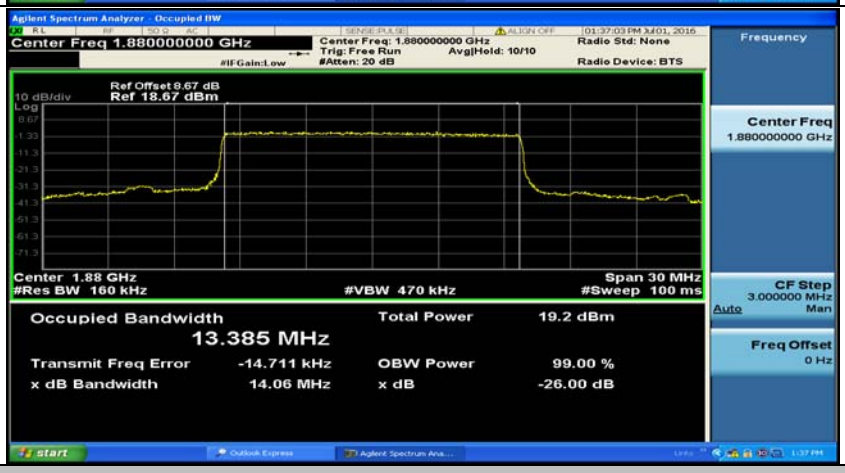
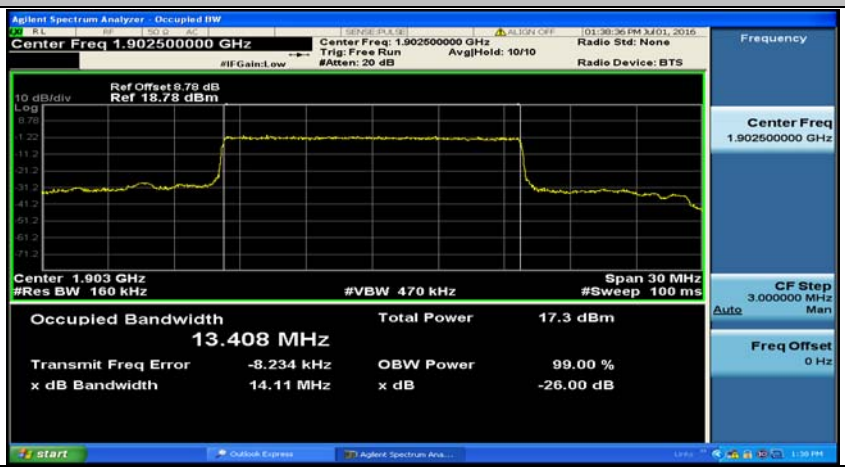


(Channel Bandwidth:15 MHz)_HCH_QPSK_75RB#0



(Channel Bandwidth:15 MHz)_LCH_16QAM_75RB#0

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