3.4 Band Edge

3.4.1 Limit of Band Edge

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB equal to -13dBm.

3.4.2 Test Procedures

For out-of band emission except emission within 1MHz band immediately outside and adjacent to the edge

1 Lowest and highest operating channels are tested for this item.

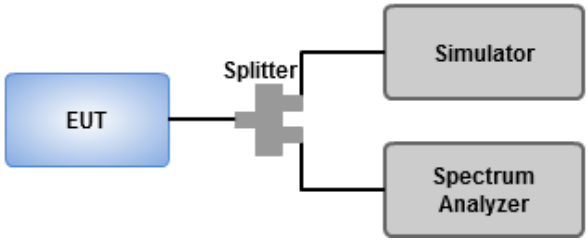
2 Set RBW = 100 kHz, VBW = 300 kHz detector = RMS, sweep time = auto to measure trace.

For emission within 1MHz band immediately outside and adjacent to the edge

1 Lowest and highest operating channels are tested for this item.

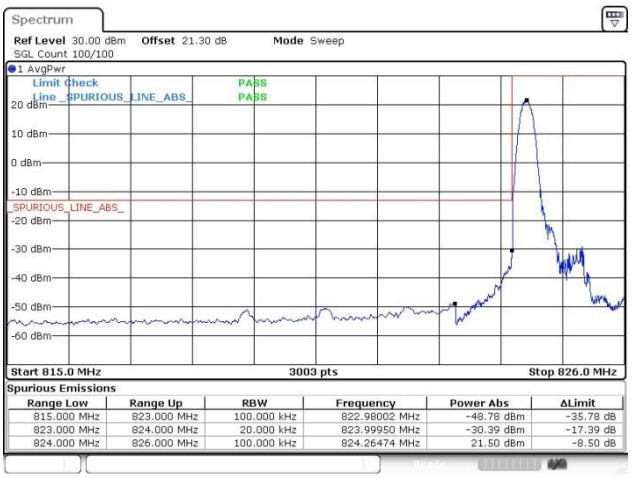
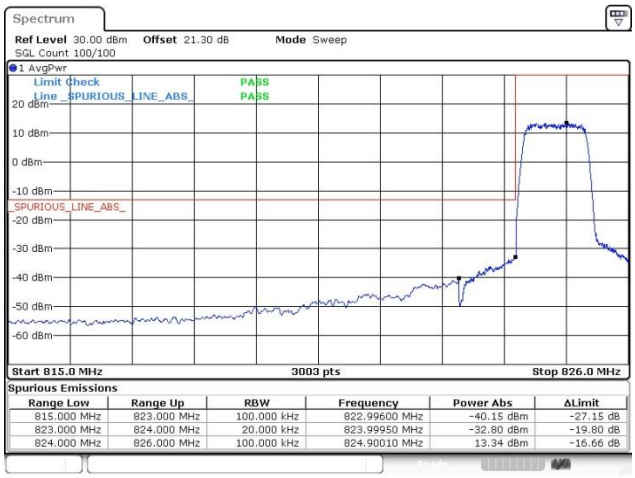
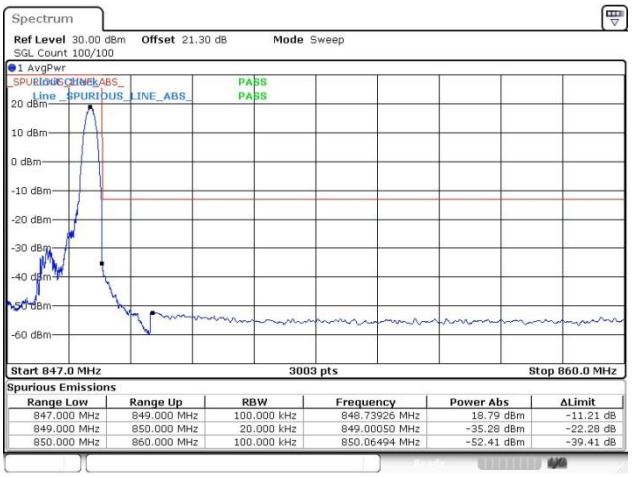
2 Set RBW = at least 1% of 26dB bandwidth, VBW = 3 X RBW detector = RMS, sweep time = auto to measure trace.

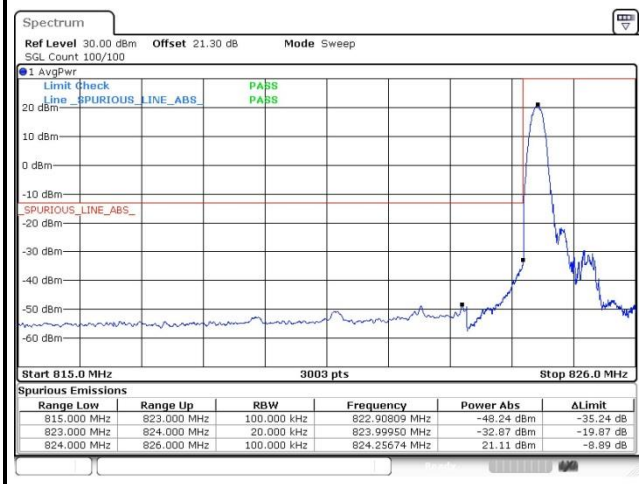
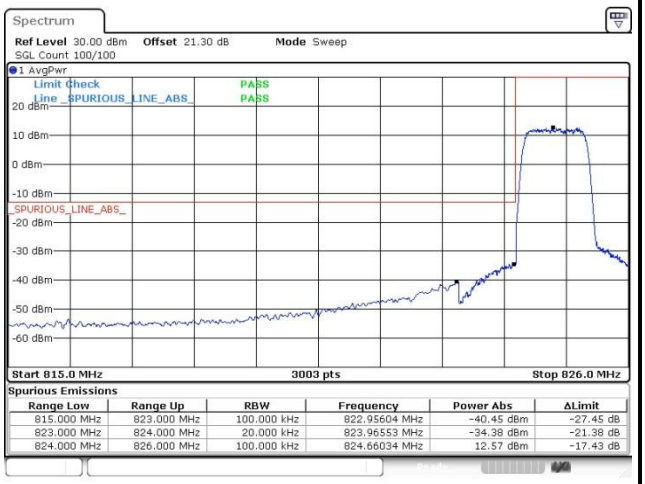
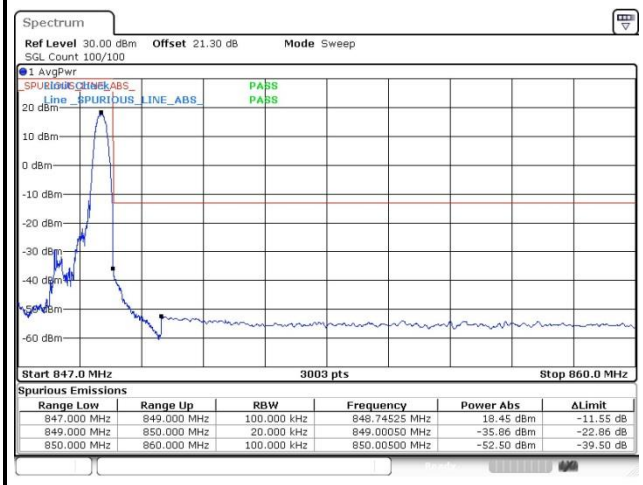
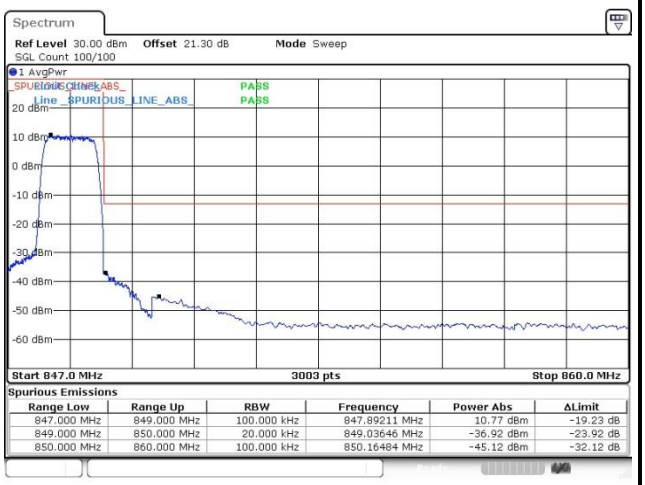
3.4.3 Test Setup



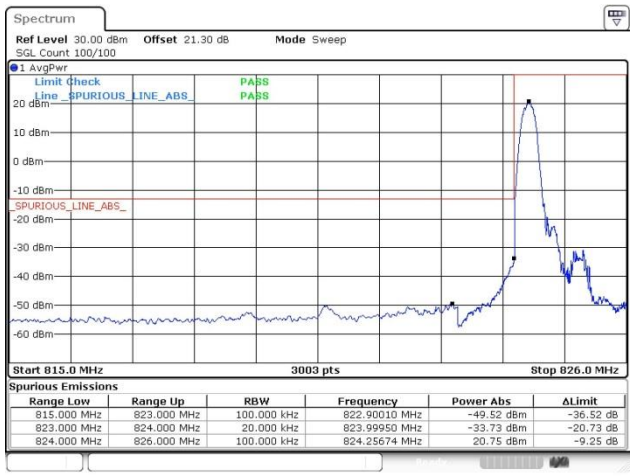
3.4.4 Test Result of Band Edge

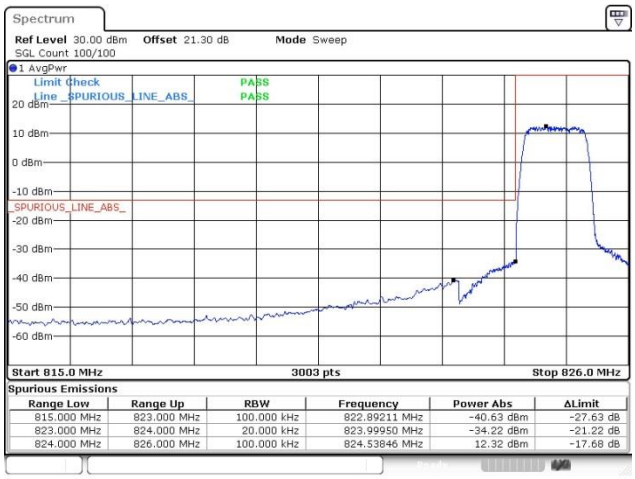
LTE Band 26, CB: 1.4MHz

Mode	LTE Band 26, CB: 1.4MHz, QPSK				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB
					

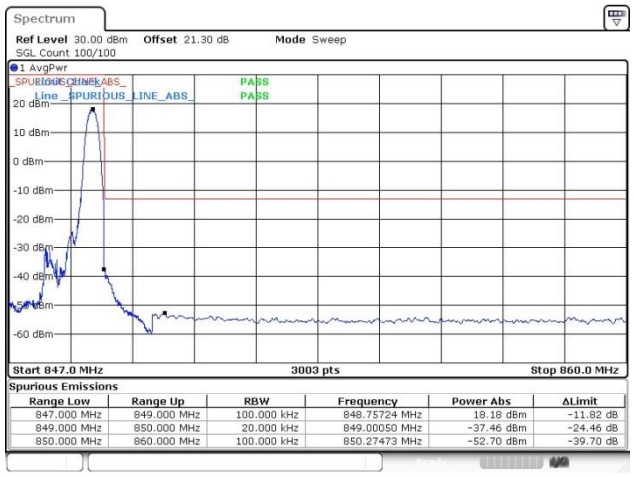
Mode	LTE Band 26, CB: 1.4MHz, 16QAM				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB
					

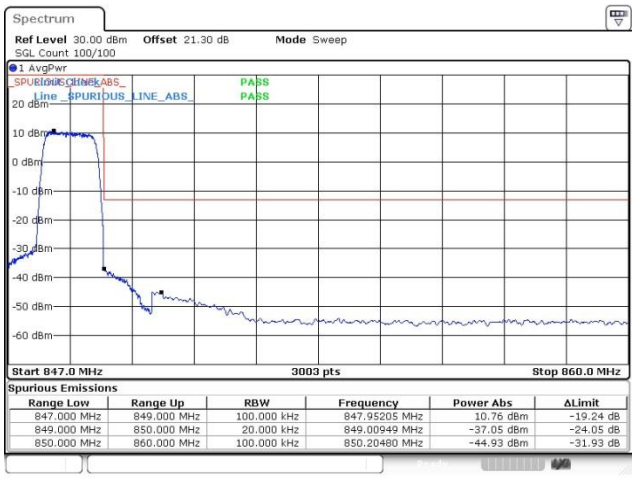
Mode	LTE Band 26, CB: 1.4MHz, 64QAM				
Channel	Low	1 RB Low	**Channel**	Low	100%RB



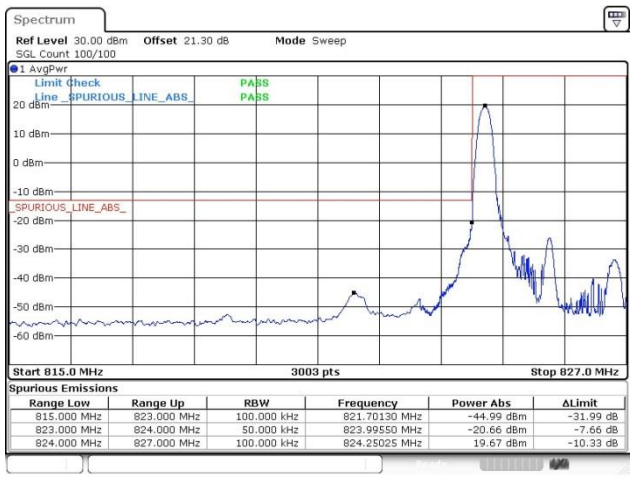
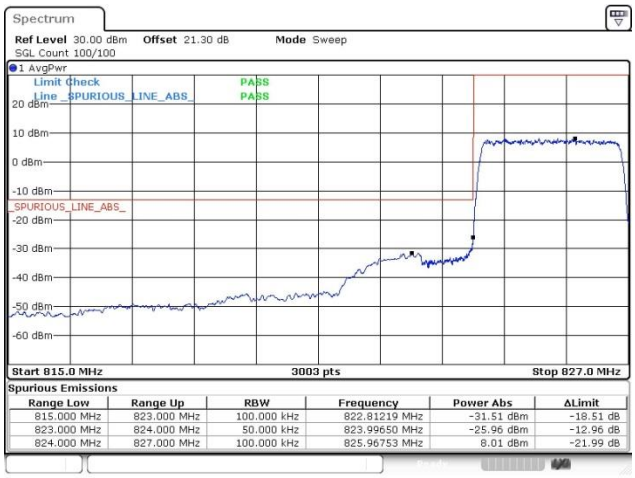
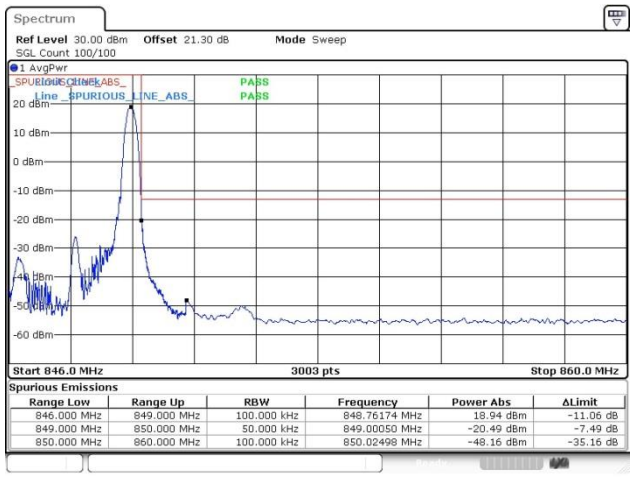
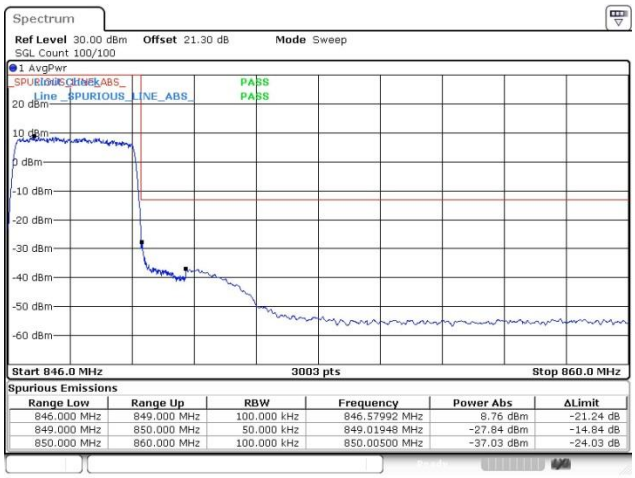


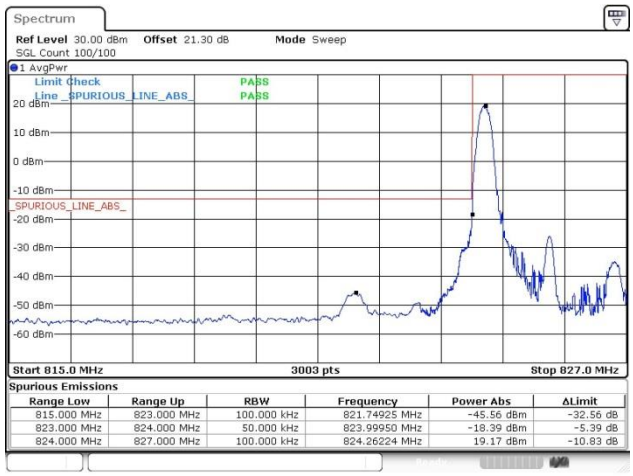
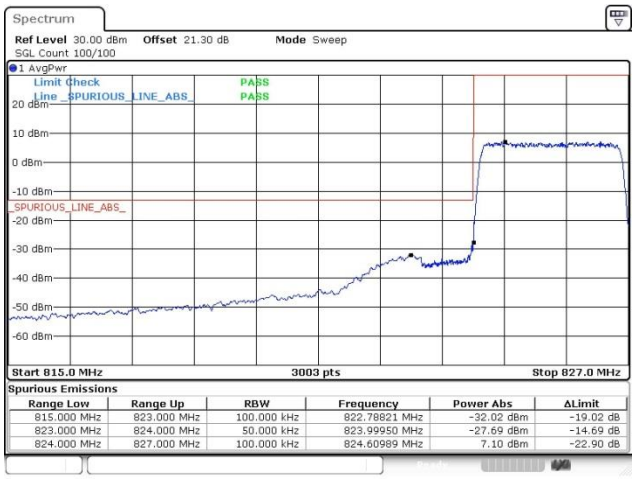
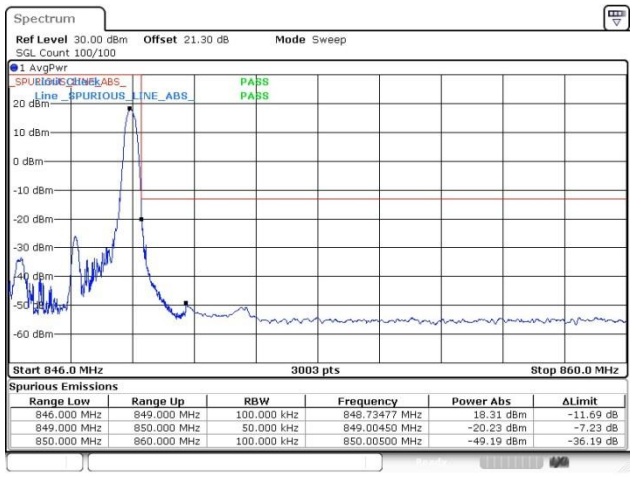
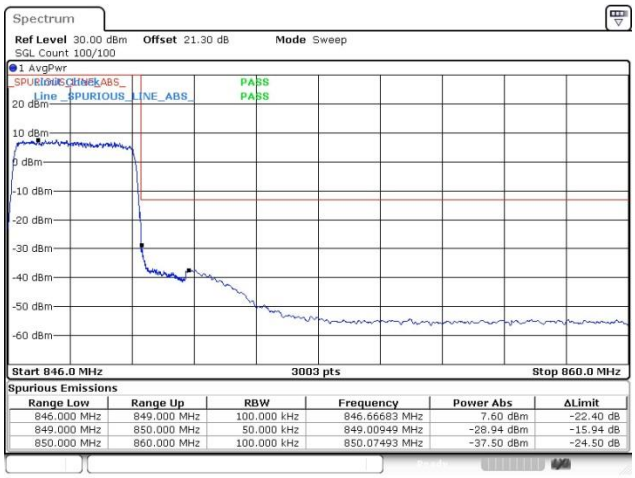
Channel	High	1 RB High	**Channel**	High	100%RB

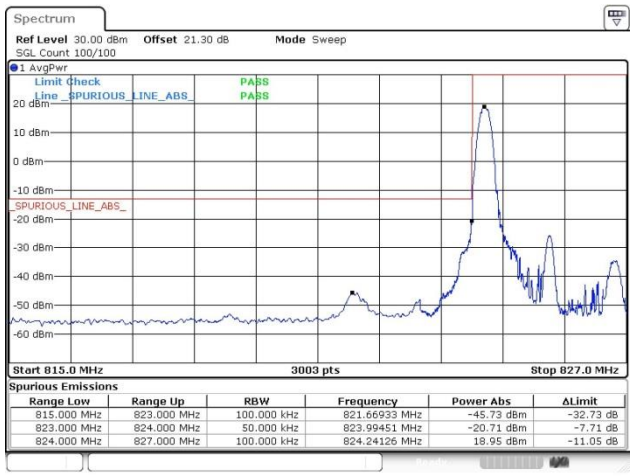
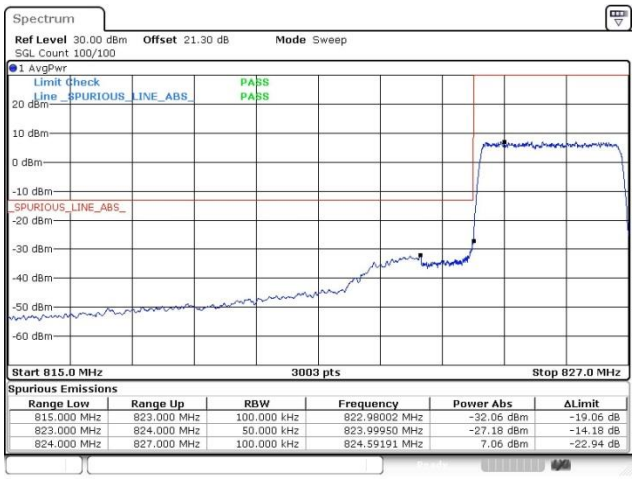
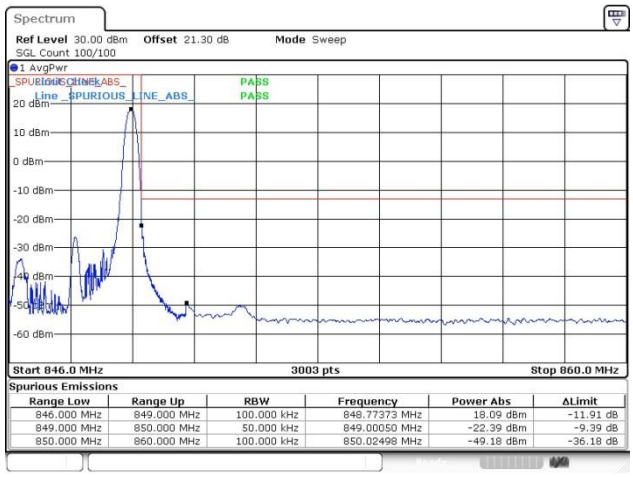
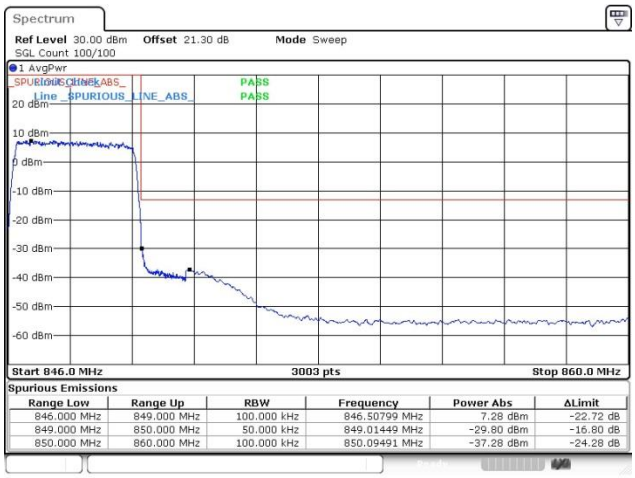




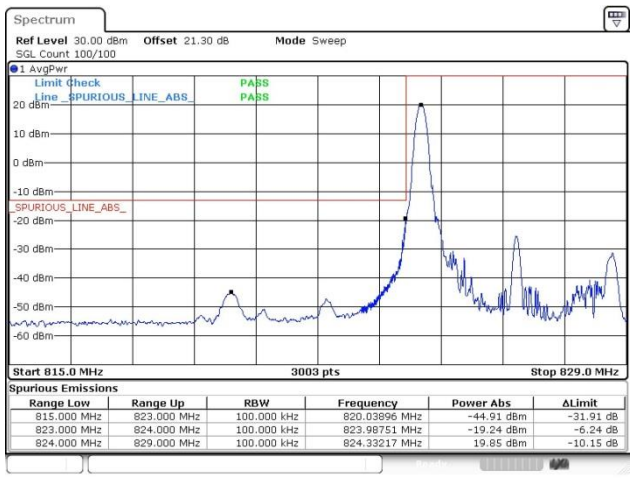
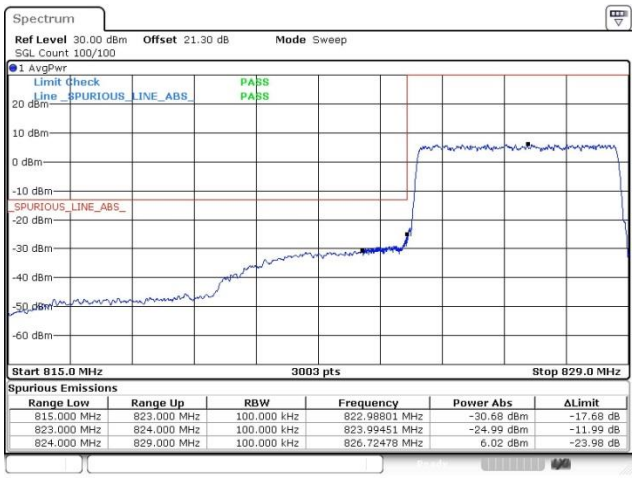
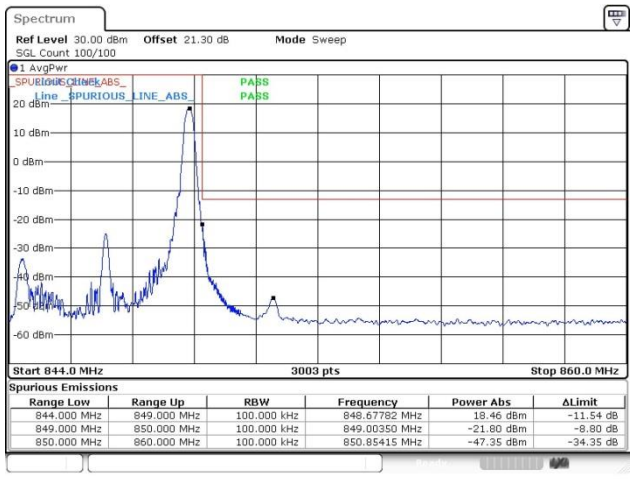
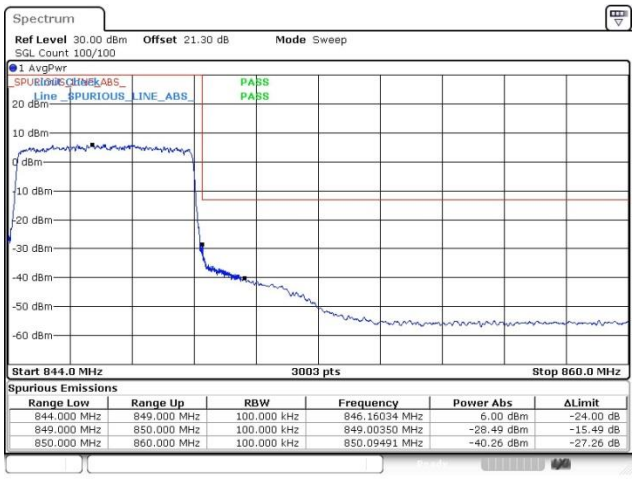
LTE Band 26, CB: 3MHz

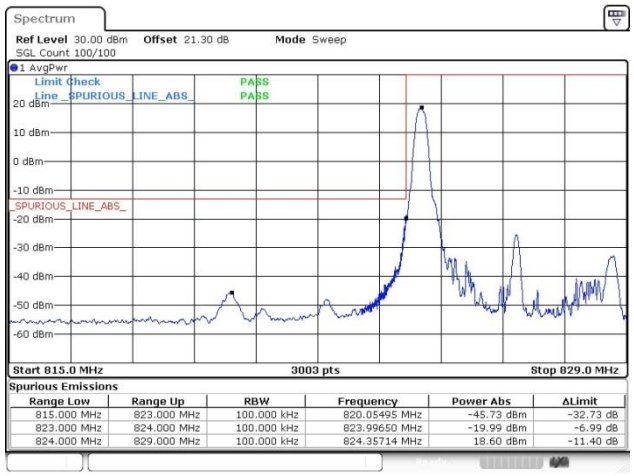
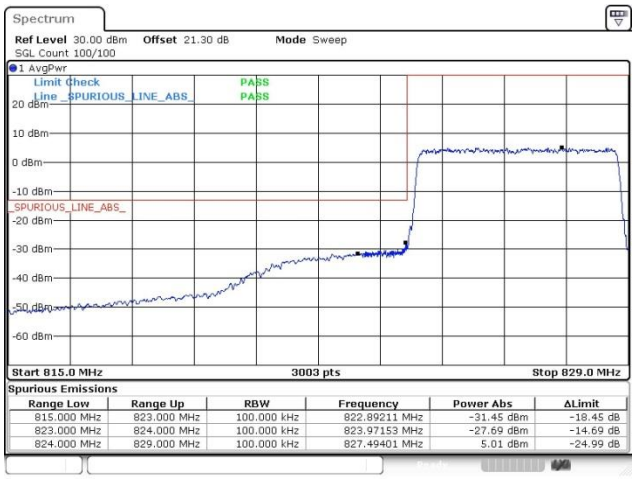
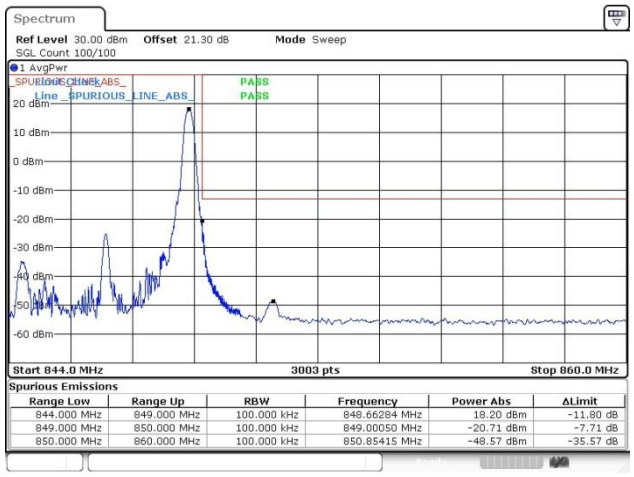
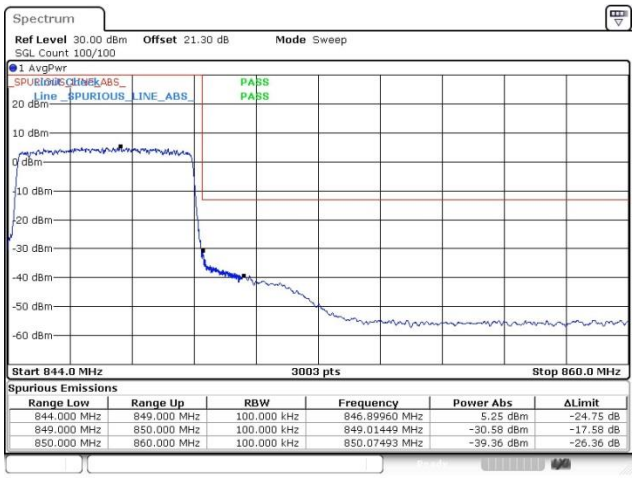
Mode	LTE Band 26, CB: 3MHz, QPSK				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB
					

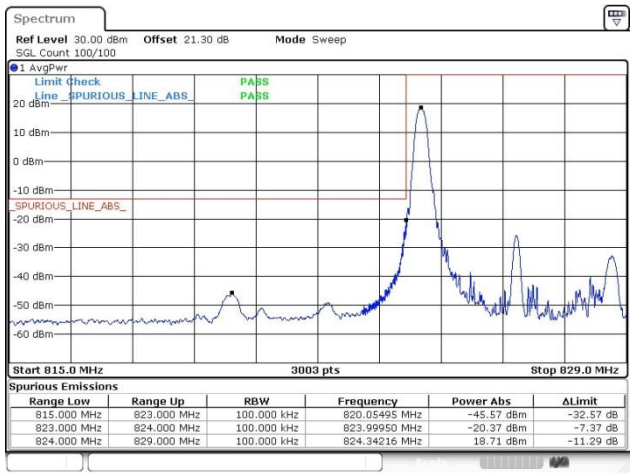
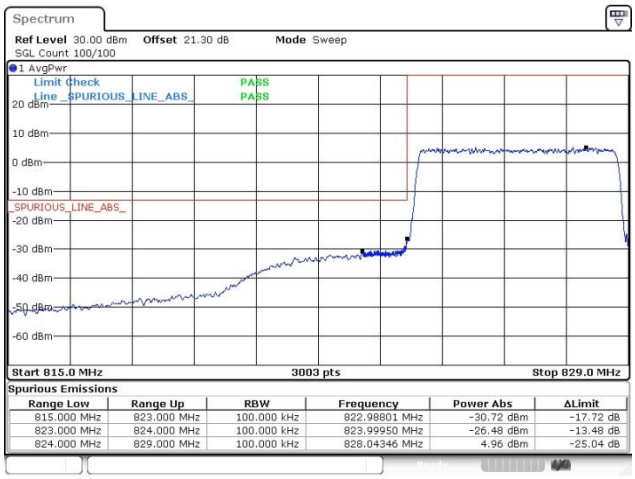
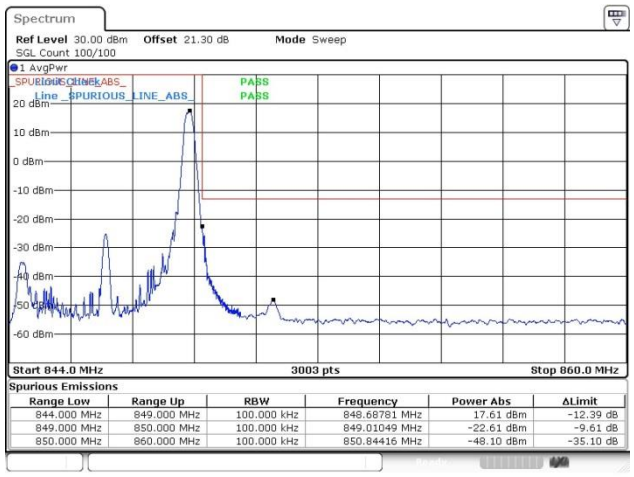
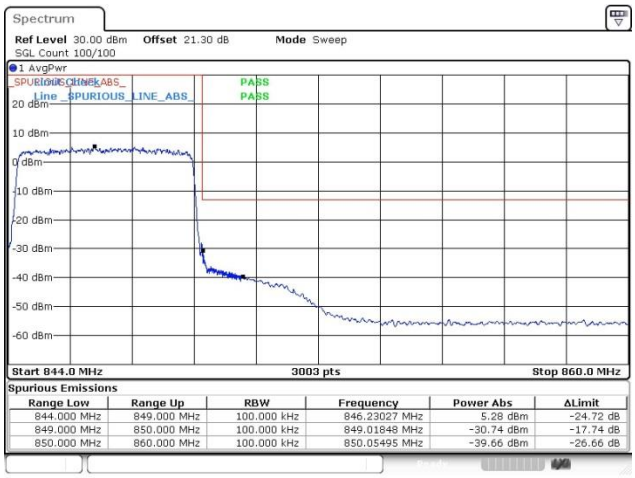
Mode	LTE Band 26, CB: 3MHz, 16QAM				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB
					

Mode	LTE Band 26, CB: 3MHz, 64QAM				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB
					

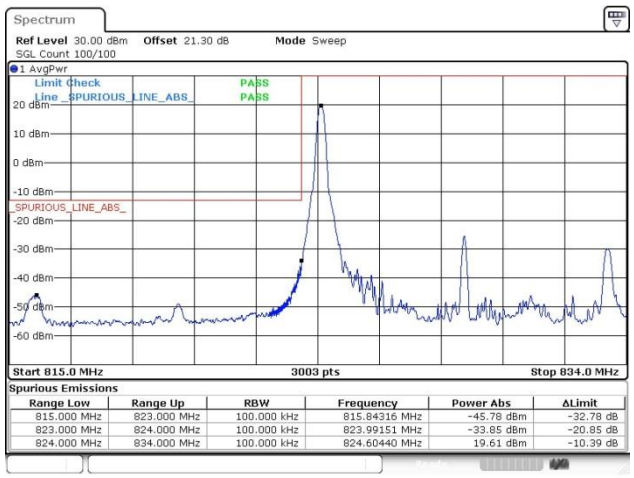
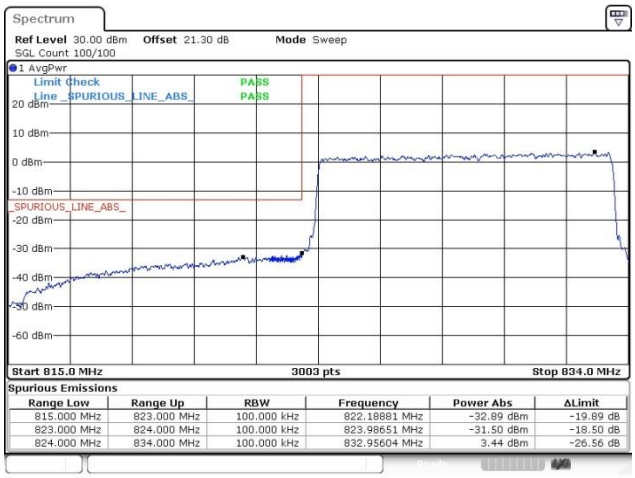
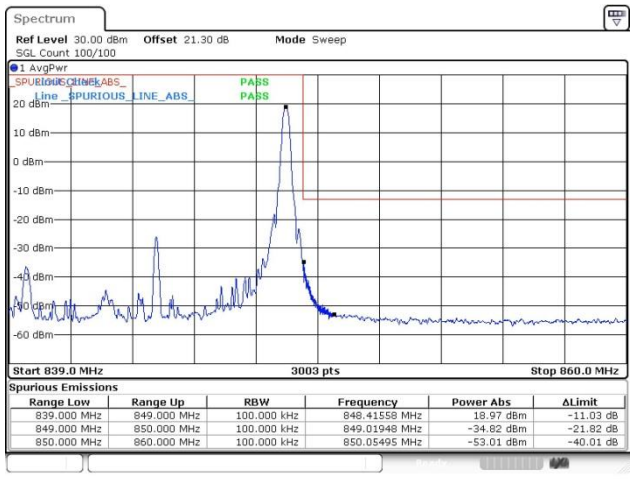
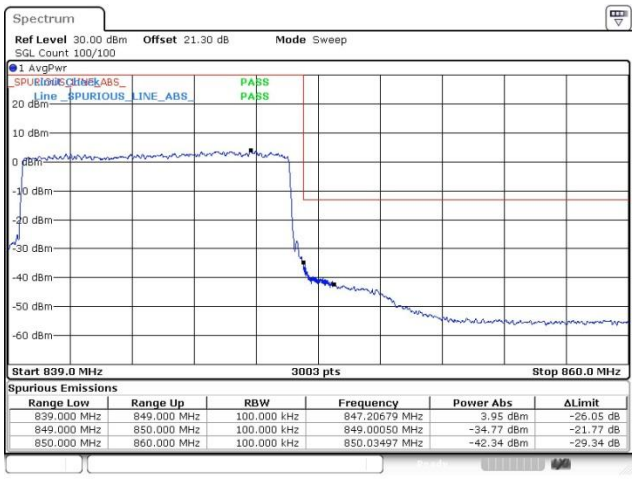
LTE Band 26, CB: 5MHz

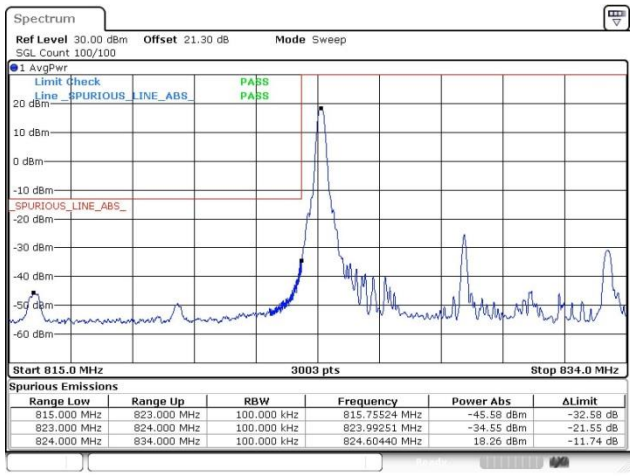
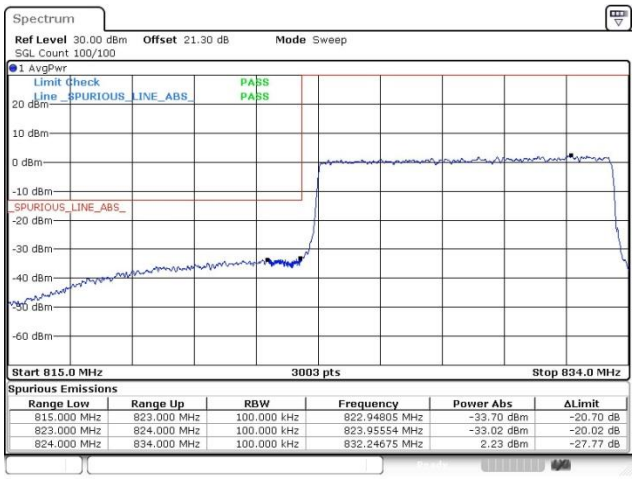
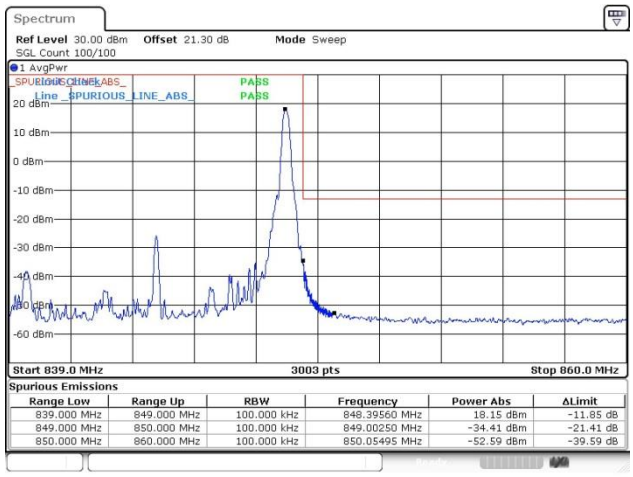
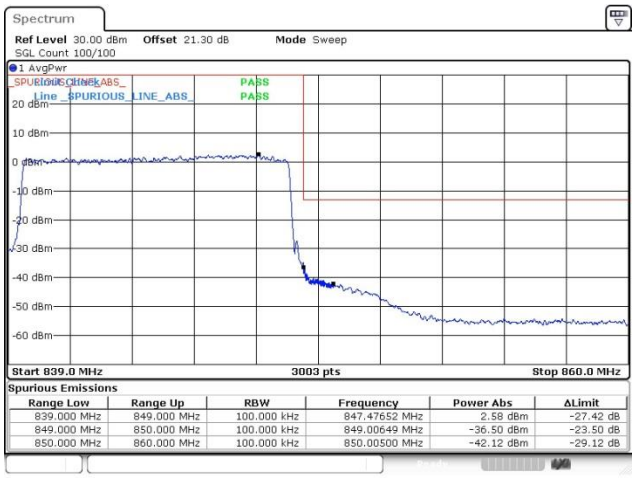
Mode	LTE Band 26, CB: 5MHz, QPSK				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB
					

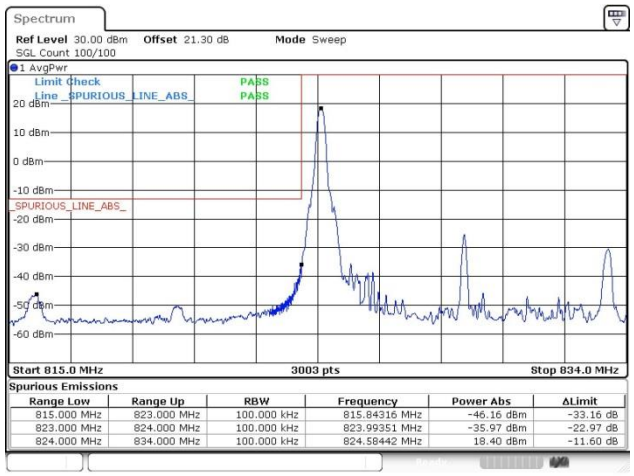
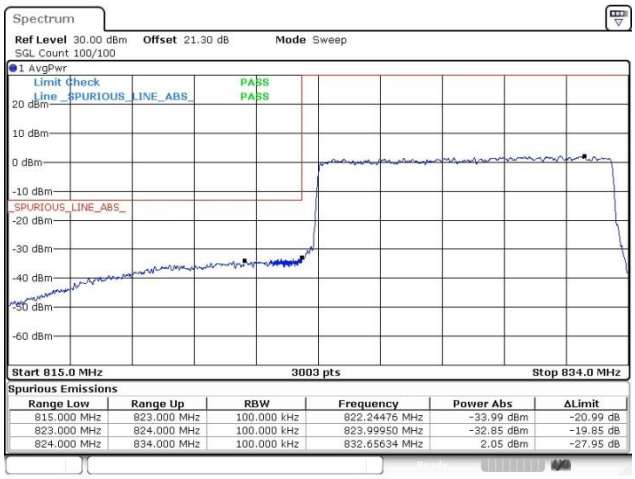
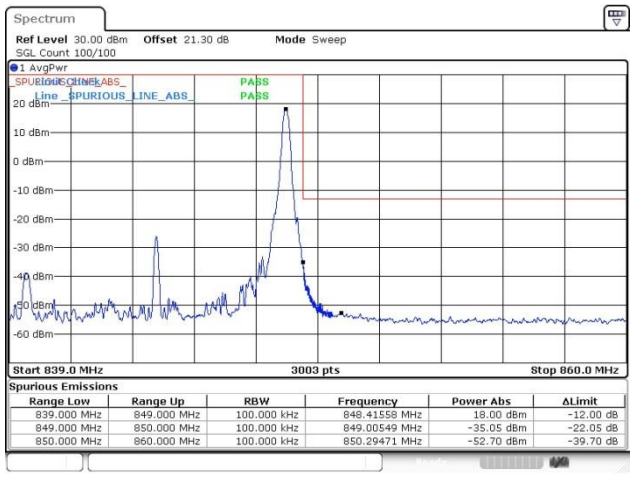
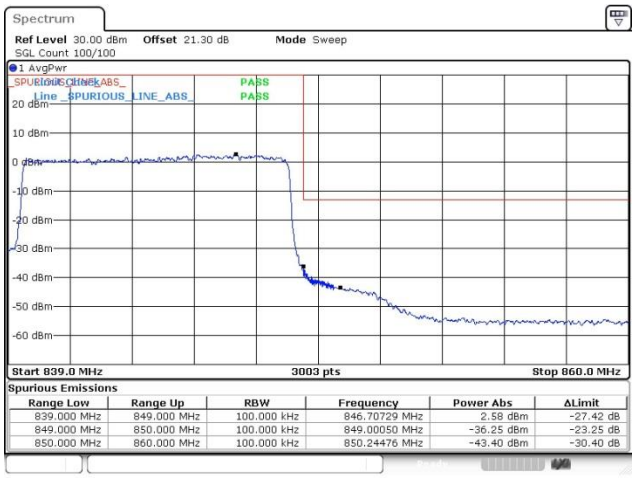
Mode	LTE Band 26, CB: 5MHz, 16QAM				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB
					

Mode	LTE Band 26, CB: 5MHz, 64QAM				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB
					

LTE Band 26, CB: 10MHz

Mode	LTE Band 26, CB: 10MHz, QPSK				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB
					

Mode	LTE Band 26, CB: 10MHz, 16QAM				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB
					

Mode	LTE Band 26, CB: 10MHz, 64QAM				
Channel	Low	1 RB Low	**Channel**	Low	100%RB
					
Channel	High	1 RB High	**Channel**	High	100%RB