

Appendix B.3: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band 4:

Channel Bandwidth 1.4 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	6	0	1.0887	1.226	PASS
	MCH	6	0	1.0854	1.243	PASS
	HCH	6	0	1.0864	1.244	PASS
16QAM	LCH	6	0	1.0875	1.252	PASS
	MCH	6	0	1.0882	1.249	PASS
	HCH	6	0	1.0896	1.249	PASS

Channel Bandwidth 3 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	15	0	2.6972	2.897	PASS
	MCH	15	0	2.6967	2.912	PASS
	HCH	15	0	2.6935	2.897	PASS
16QAM	LCH	15	0	2.6933	2.898	PASS
	MCH	15	0	2.7020	2.901	PASS
	HCH	15	0	2.6957	2.918	PASS

Channel Bandwidth 5 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	25	0	4.5057	4.848	PASS
	MCH	25	0	4.4964	4.853	PASS
	HCH	25	0	4.5099	4.871	PASS
16QAM	LCH	25	0	4.4955	4.858	PASS
	MCH	25	0	4.5068	4.865	PASS
	HCH	25	0	4.5144	4.865	PASS

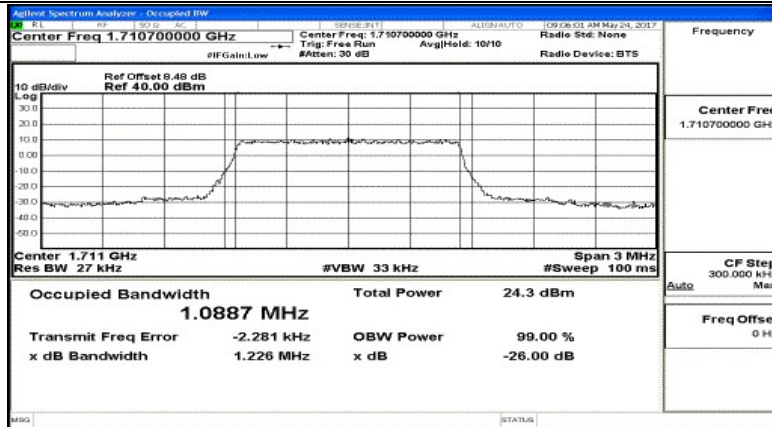
Channel Bandwidth 10 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	50	0	8.9689	9.567	PASS
	MCH	50	0	8.9693	9.535	PASS
	HCH	50	0	8.9826	9.525	PASS
16QAM	LCH	50	0	8.9690	9.565	PASS
	MCH	50	0	8.9701	9.531	PASS
	HCH	50	0	8.9526	9.503	PASS

Channel Bandwidth 15 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	75	0	13.456	14.26	PASS
	MCH	75	0	13.434	14.22	PASS
	HCH	75	0	13.439	14.22	PASS
16QAM	LCH	75	0	13.472	14.24	PASS
	MCH	75	0	13.449	14.22	PASS
	HCH	75	0	13.457	14.23	PASS

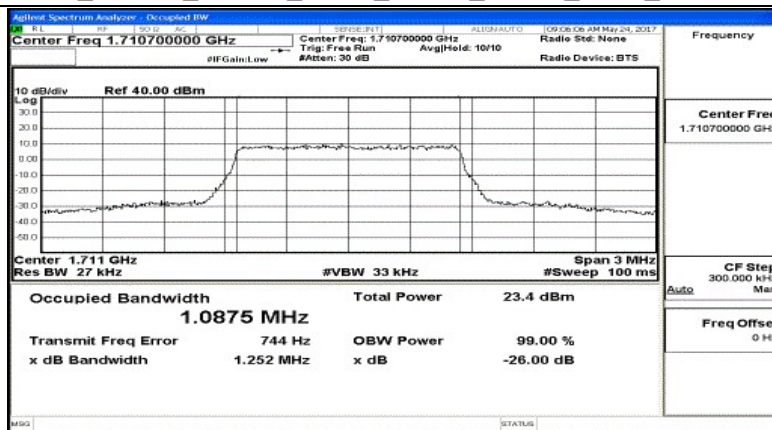
Channel Bandwidth 20 MHz						
Modulation	Channel	RB Configuration		Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
		Size	Offset			
QPSK	LCH	100	0	17.964	18.98	PASS
	MCH	100	0	17.960	18.96	PASS
	HCH	100	0	17.961	18.97	PASS
16QAM	LCH	100	0	17.977	18.98	PASS
	MCH	100	0	17.946	18.96	PASS
	HCH	100	0	17.935	18.98	PASS

Test Graphs

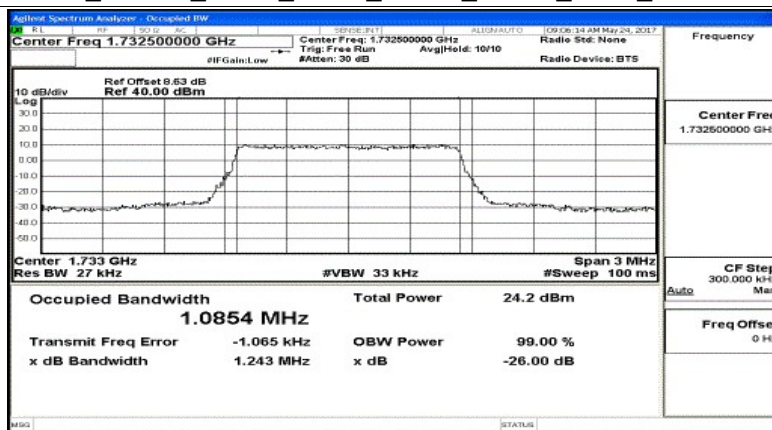
4_1.4MHz_QPSK_19957_6RB#0_1.0887_1.226_PASS



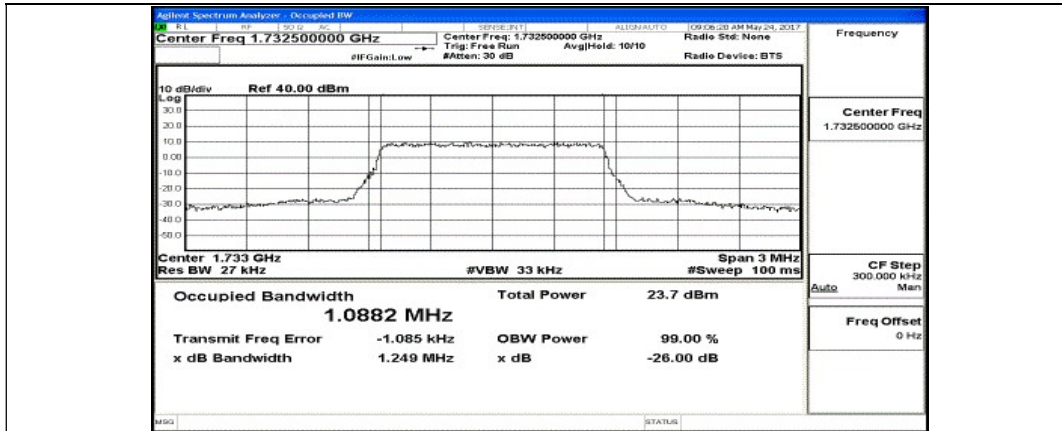
4_1.4MHz_16QAM_19957_6RB#0_1.0875_1.252_PASS



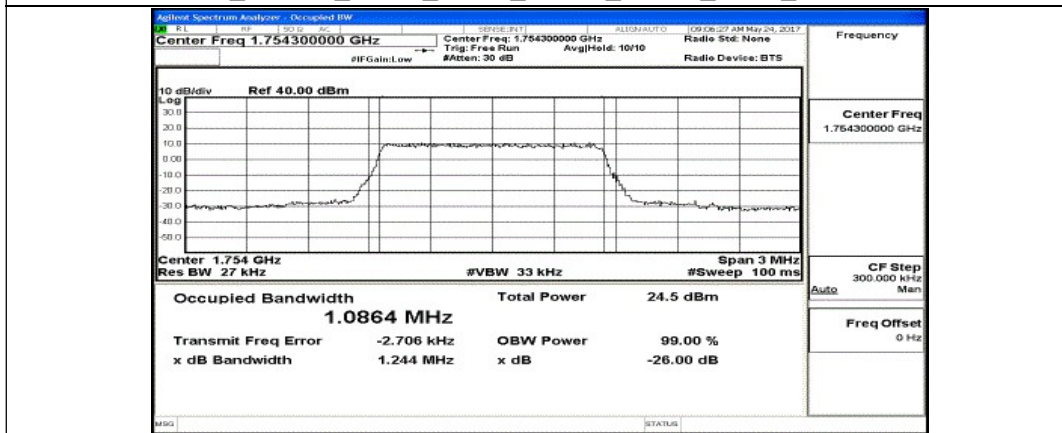
4_1.4MHz_QPSK_20175_6RB#0_1.0854_1.243_PASS



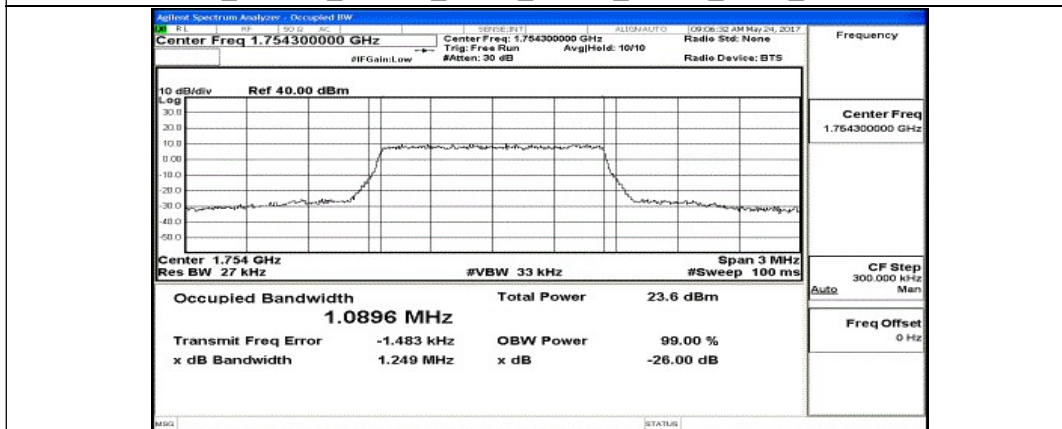
4_1.4MHz_16QAM_20175_6RB#0_1.0882_1.249_PASS



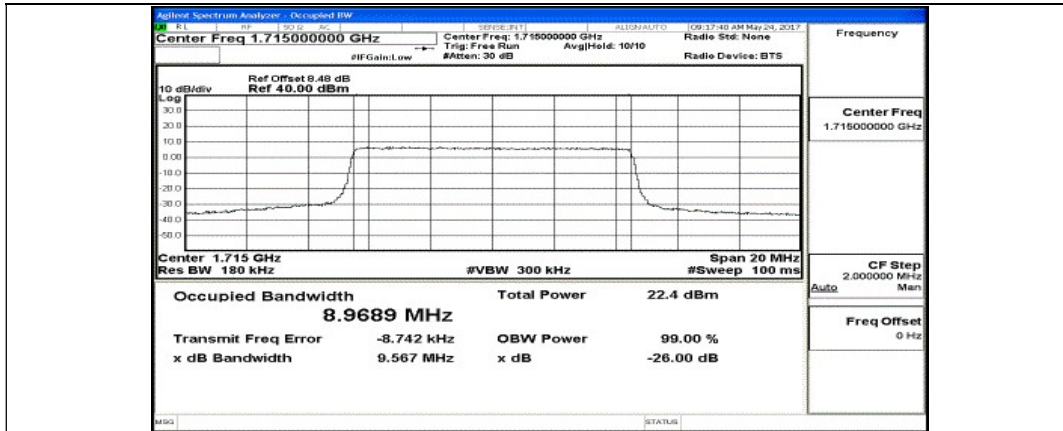
4_1.4MHz_QPSK_20393_6RB#0_1.0864_1.244_PASS



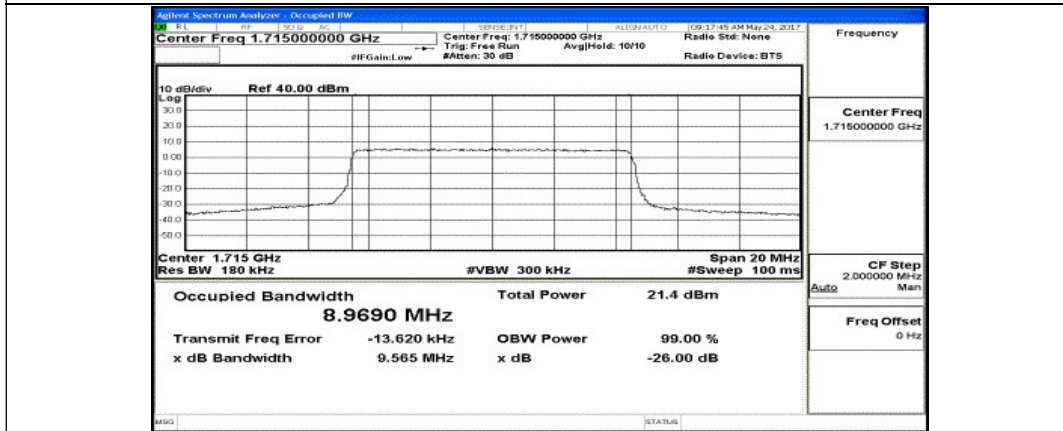
4_1.4MHz_16QAM_20393_6RB#0_1.0896_1.249_PASS



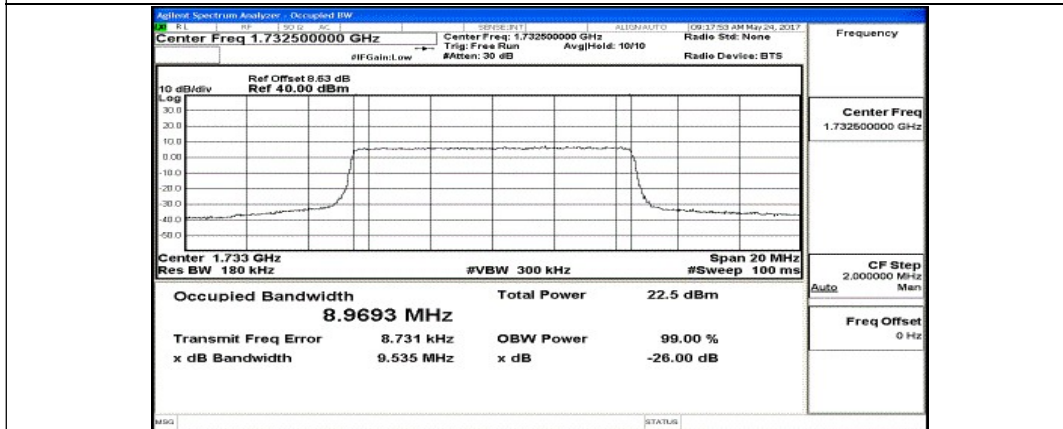
4_10MHz_QPSK_20000_50RB#0_8.9689_9.567_PASS



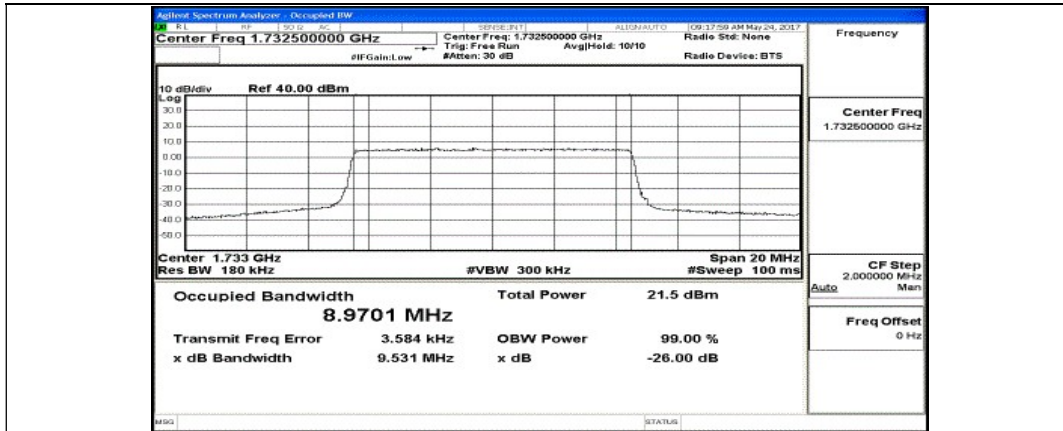
4_10MHz_16QAM_20000_50RB#0_8.9690_9.565_PASS



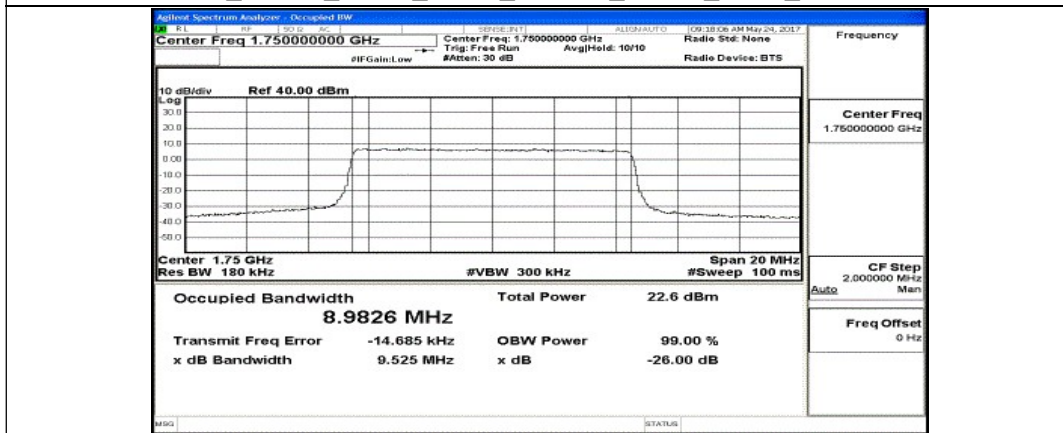
4_10MHz_QPSK_20175_50RB#0_8.9693_9.535_PASS



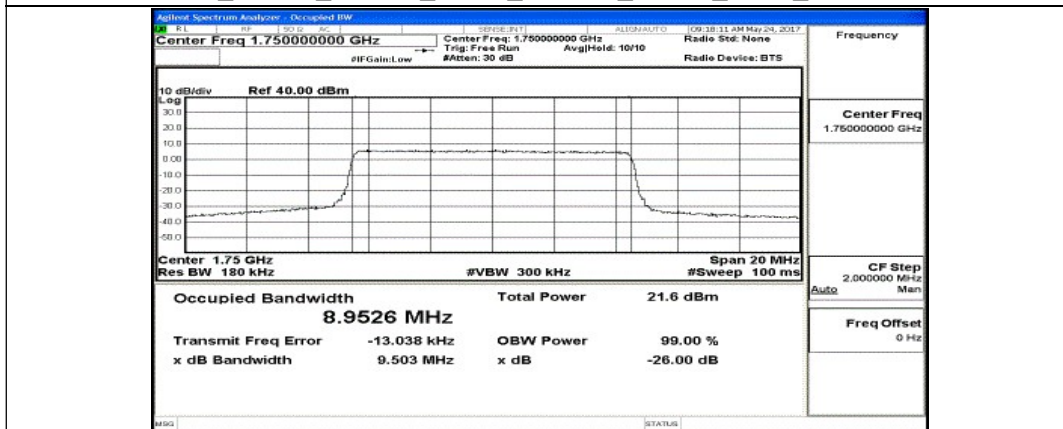
4_10MHz_16QAM_20175_50RB#0_8.9701_9.531_PASS



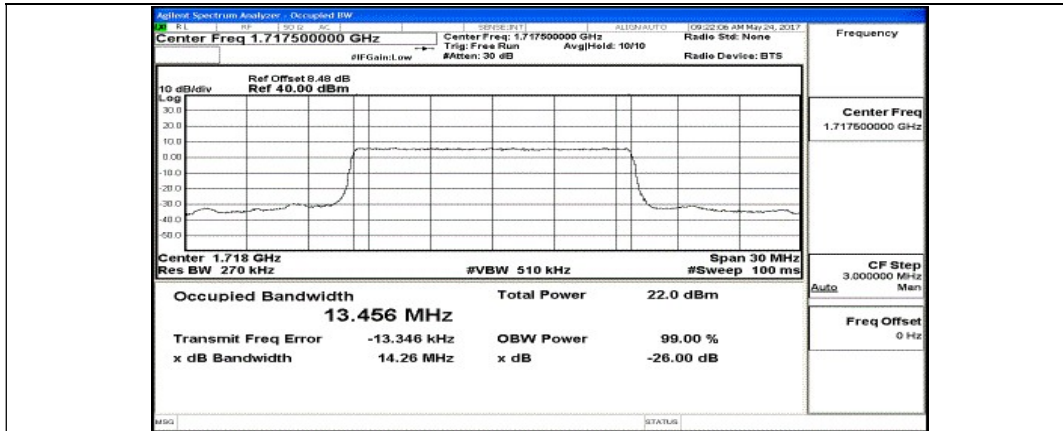
4_10MHz_QPSK_20350_50RB#0_8.9826_9.525_PASS



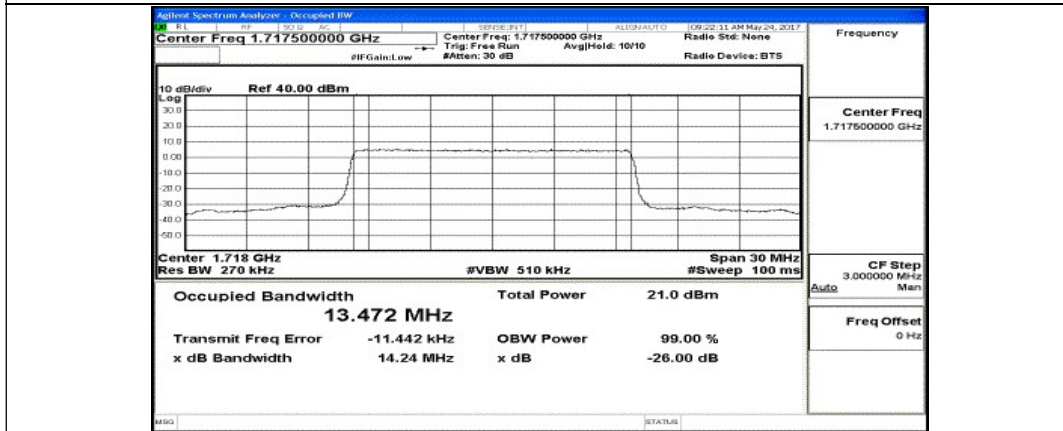
4_10MHz_16QAM_20350_50RB#0_8.9526_9.503_PASS



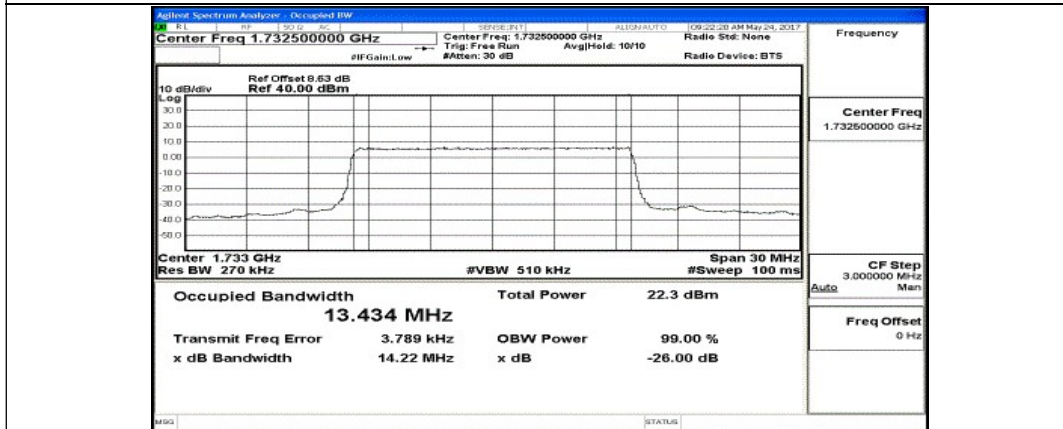
4_15MHz_QPSK_20025_75RB#0_13.456_14.26_PASS



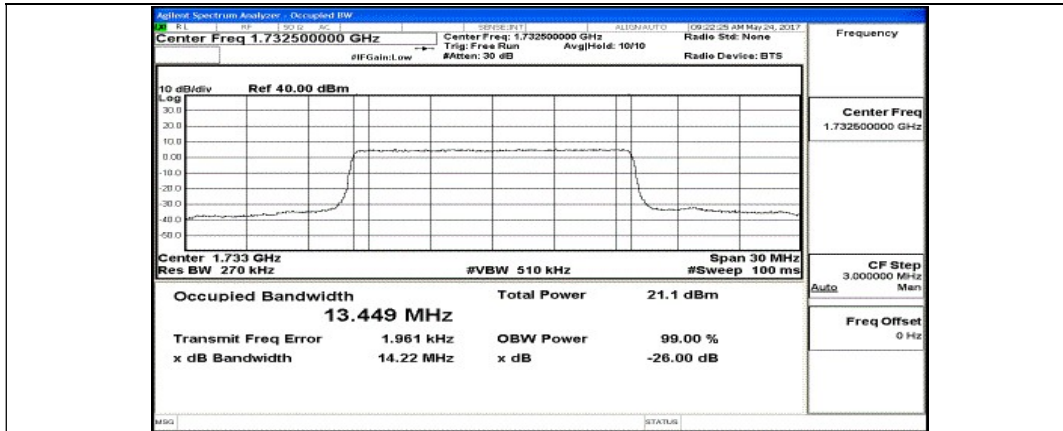
4_15MHz_16QAM_20025_75RB#0_13.472_14.24_PASS



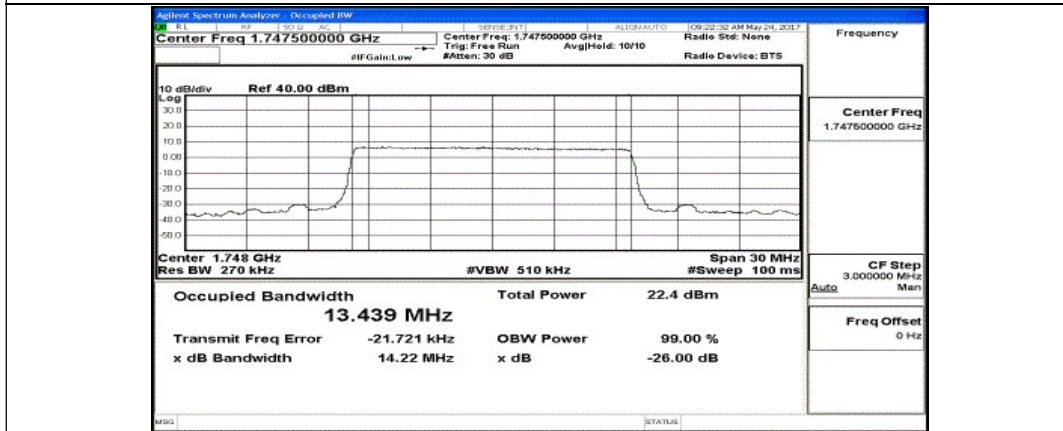
4_15MHz_QPSK_20175_75RB#0_13.434_14.22_PASS



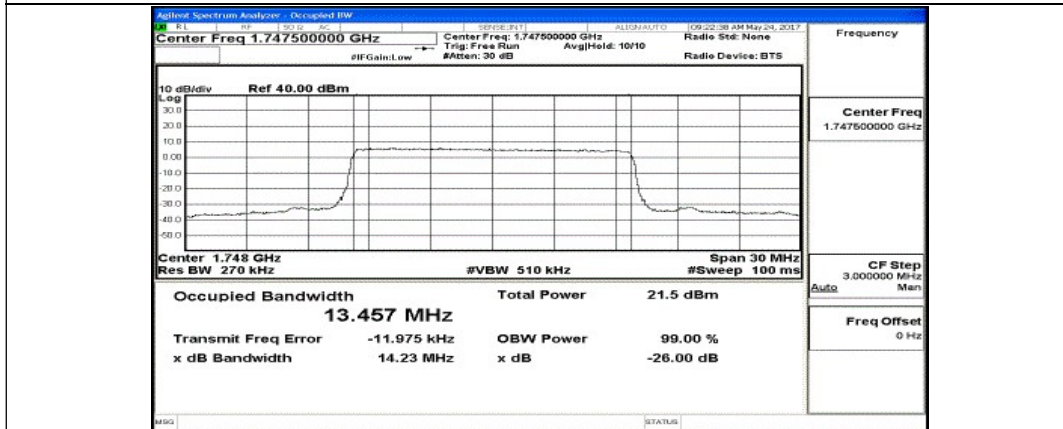
4_15MHz_16QAM_20175_75RB#0_13.449_14.22_PASS



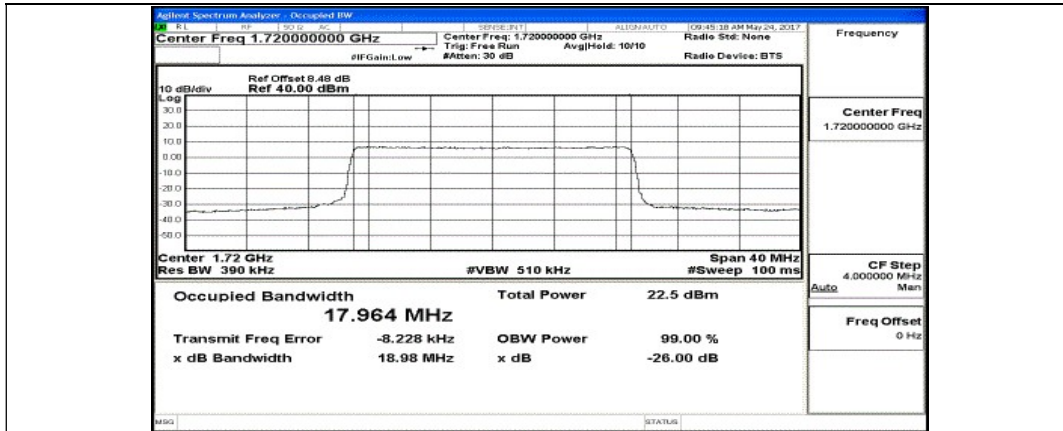
4_15MHz_QPSK_20325_75RB#0_13.439_14.22_PASS



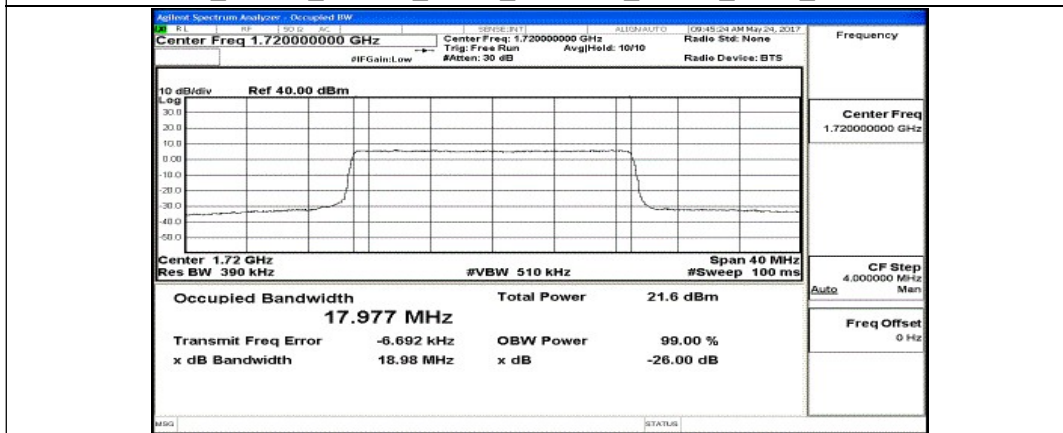
4_15MHz_16QAM_20325_75RB#0_13.457_14.23_PASS



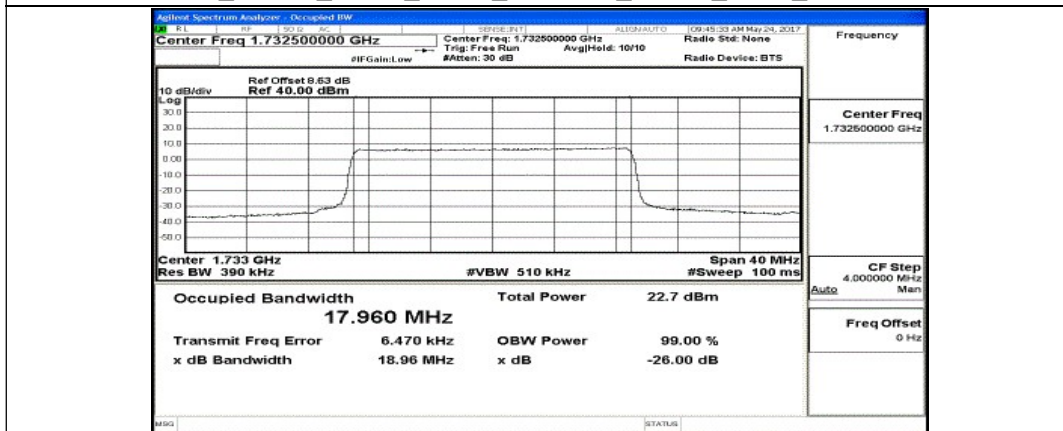
4_20MHz_QPSK_20050_100RB#0_17.964_18.98_PASS



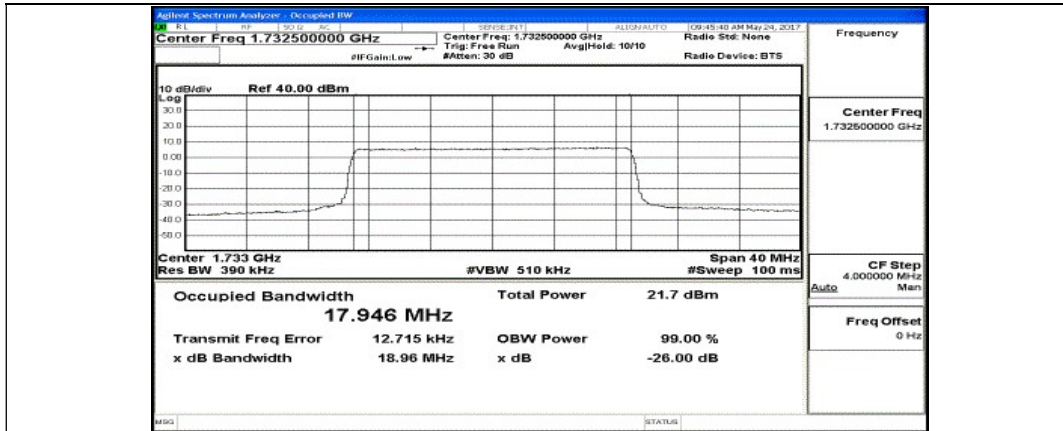
4_20MHz_16QAM_20050_100RB#0_17.977_18.98_PASS



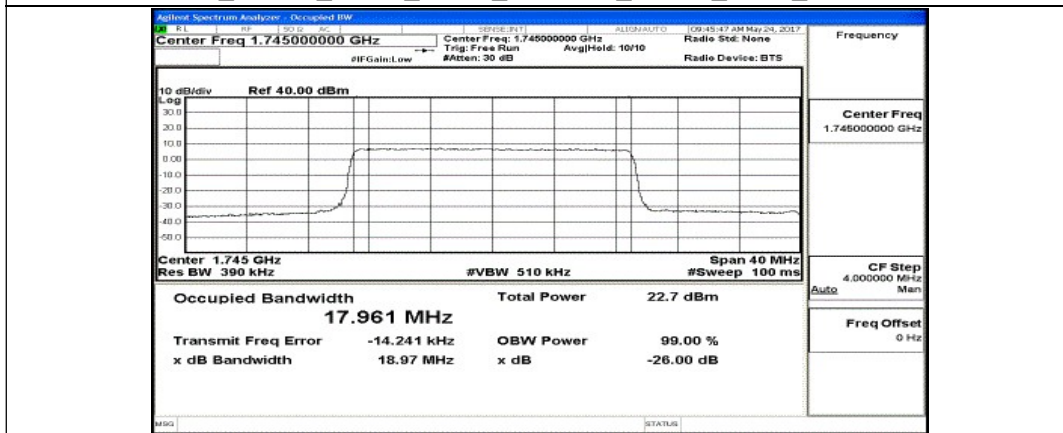
4_20MHz_QPSK_20175_100RB#0_17.960_18.96_PASS



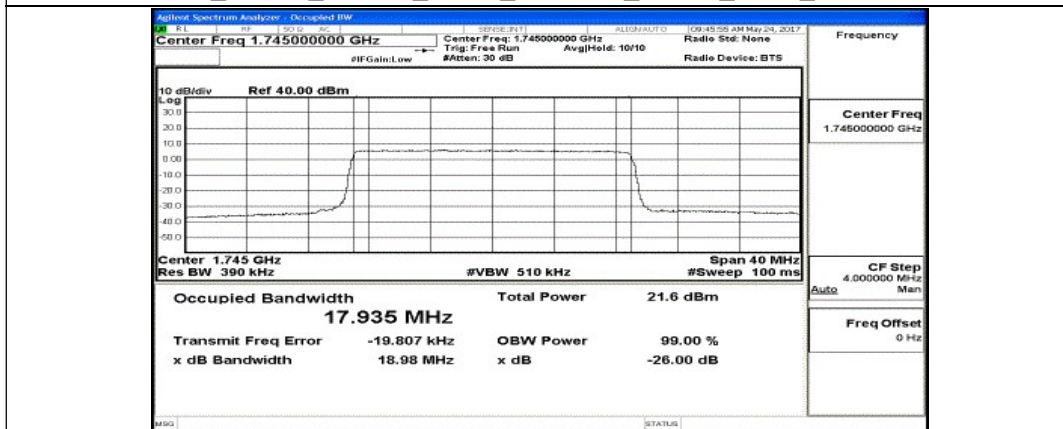
4_20MHz_16QAM_20175_100RB#0_17.946_18.96_PASS



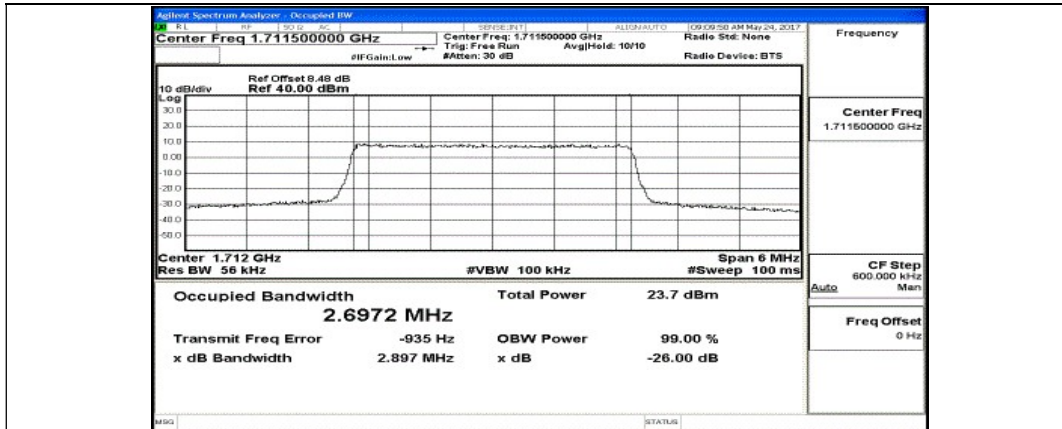
4_20MHz_QPSK_20300_100RB#0_17.961_18.97_PASS



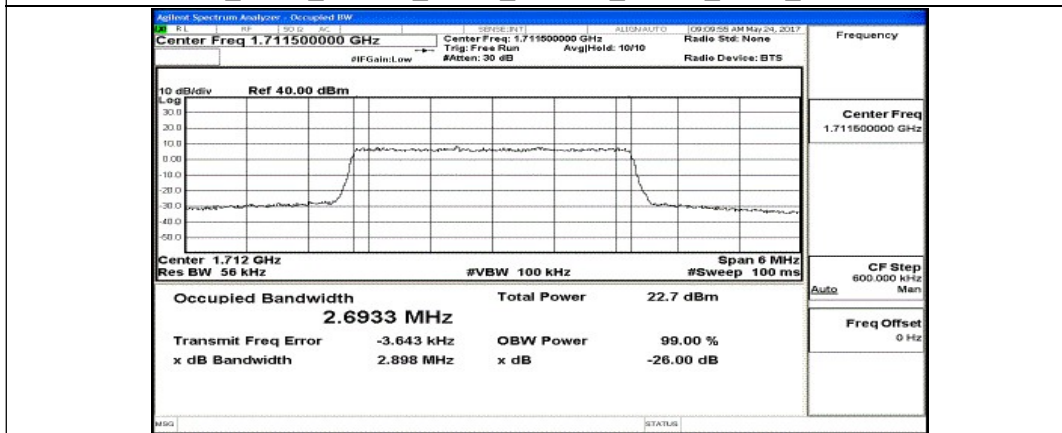
4_20MHz_16QAM_20300_100RB#0_17.935_18.98_PASS



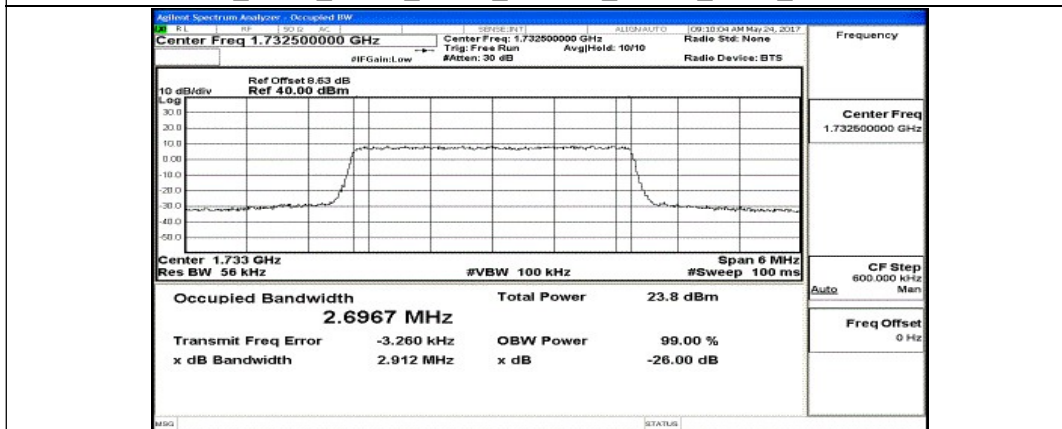
4_3MHz_QPSK_19965_15RB#0_2.6972_2.897_PASS



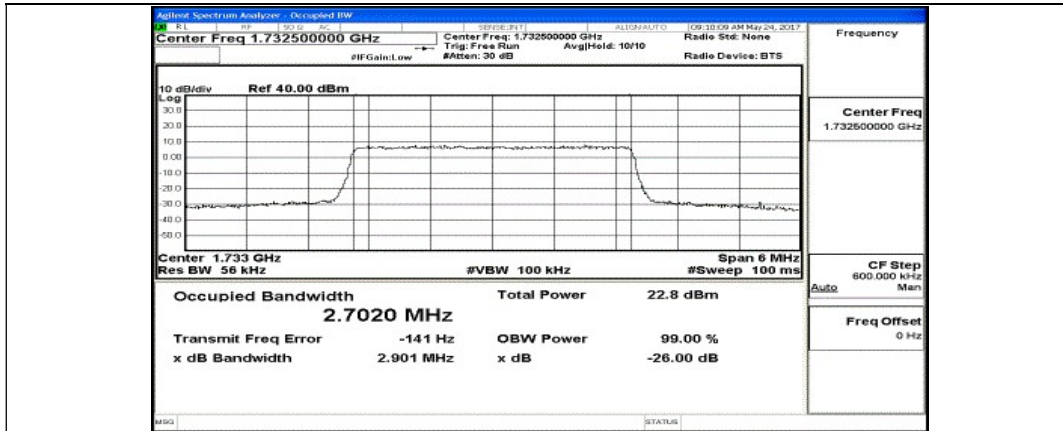
4_3MHz_16QAM_19965_15RB#0_2.6933_2.898_PASS



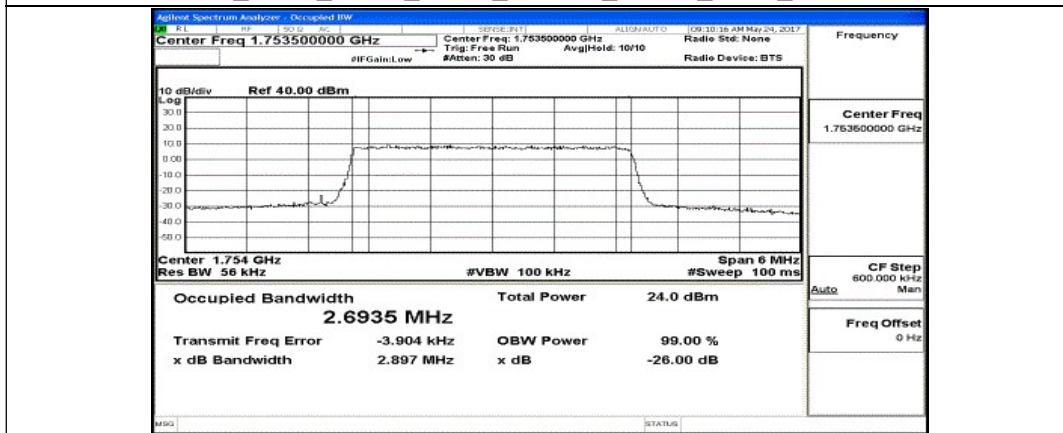
4_3MHz_QPSK_20175_15RB#0_2.6967_2.912_PASS



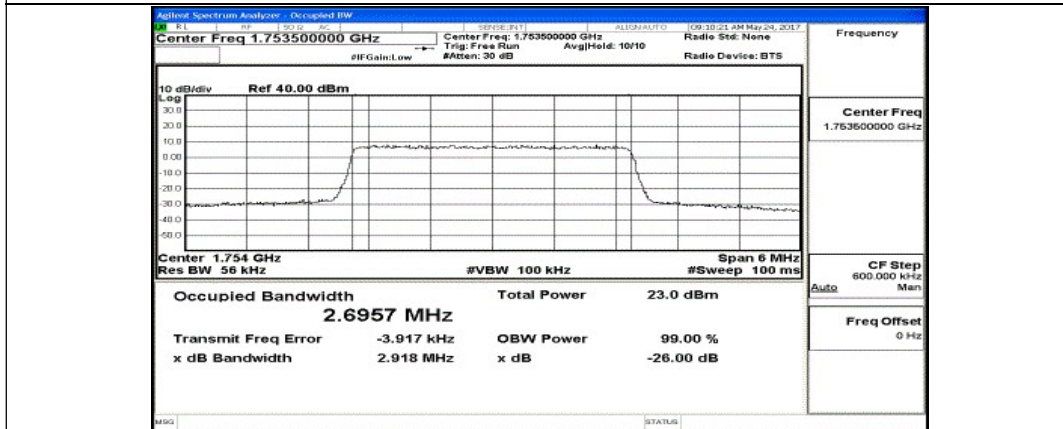
4_3MHz_16QAM_20175_15RB#0_2.7020_2.901_PASS



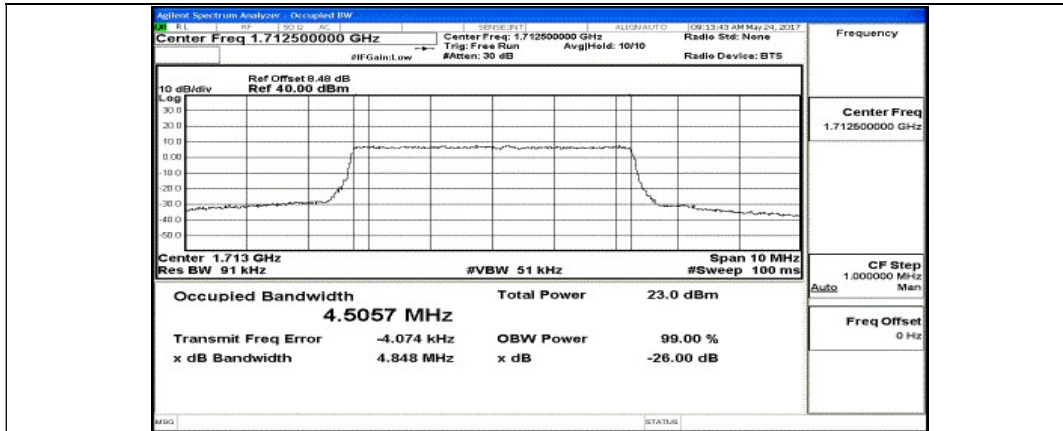
4_3MHz_QPSK_20385_15RB#0_2.6935_2.897_PASS



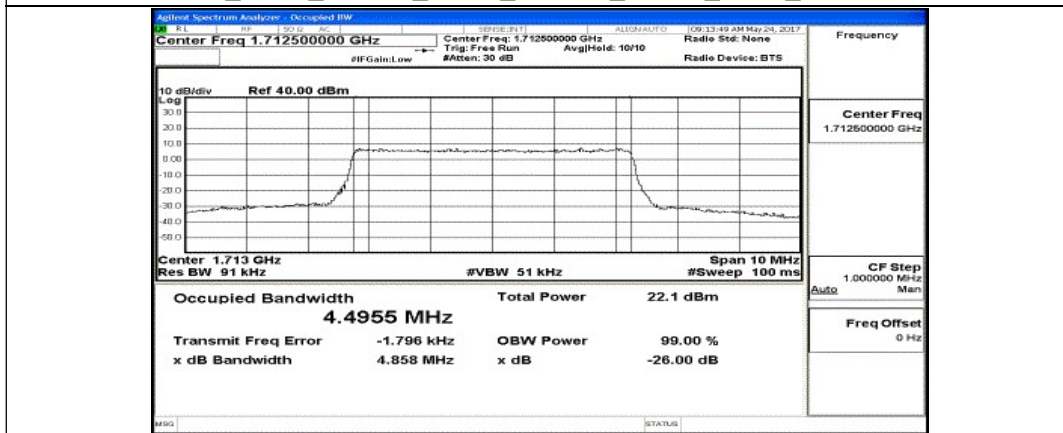
4_3MHz_16QAM_20385_15RB#0_2.6957_2.918_PASS



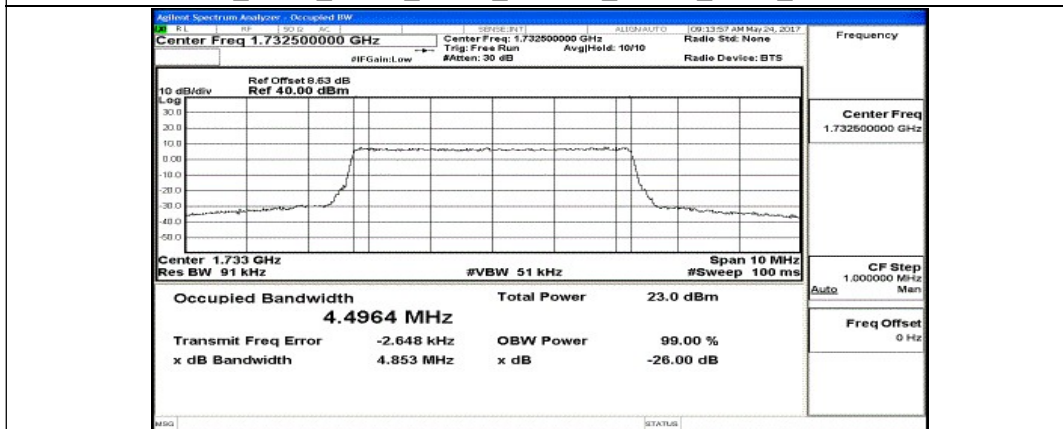
4_5MHz_QPSK_19975_25RB#0_4.5057_4.848_PASS



4_5MHz_16QAM_19975_25RB#0_4.4955_4.858_PASS



4_5MHz_QPSK_20175_25RB#0_4.4964_4.853_PASS



4_5MHz_16QAM_20175_25RB#0_4.5068_4.865_PASS

