

Product	CBS 3.65GHz			
Test Item	Spectrum Emission Mask			
	Mode 7: Transmit (7MHz BW_QPSK3/4)			
Test Mode	Mode 8: Transmit (7MHz BW_16QAM1/2)			
	Mode 9: Transmit (7MHz BW_64QAM5/6)			
Date of Test	2011/12/24	Test Site	SR7	

7MHz Bandwidth, Antenna Gain: 16dBi

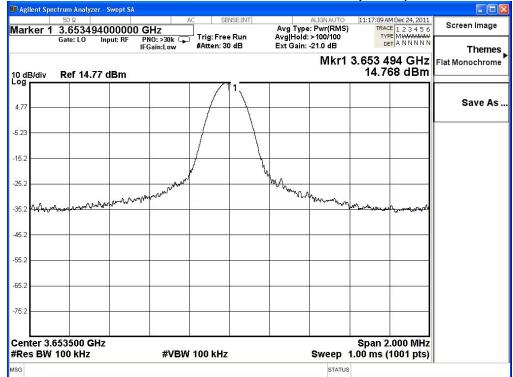
Frequency (MHz)	Modulation	Test Result
3653.5	QPSK3/4	PASS
3662.5	QPSK3/4	PASS
3671.5	QPSK3/4	PASS
Frequency (MHz)	Modulation	Test Result
3653.5	16QAM1/2	PASS
3662.5	16QAM1/2	PASS
3671.5	16QAM1/2	PASS
Frequency (MHz)	Modulation	Test Result
3653.5	64QAM5/6	PASS
3662.5	64QAM5/6	PASS
3671.5	64QAM5/6	PASS

Note: Set the RBW to 100kHz, and the mask limit was be reduced 10log(1MHz/100kHz)=10dB.

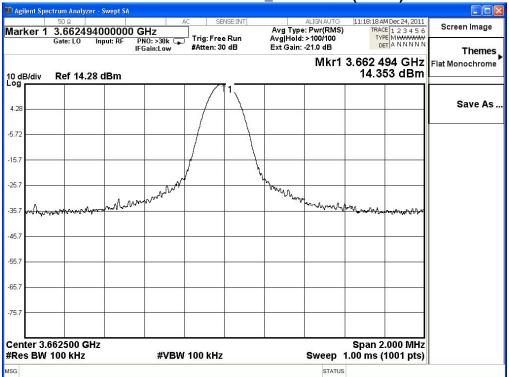
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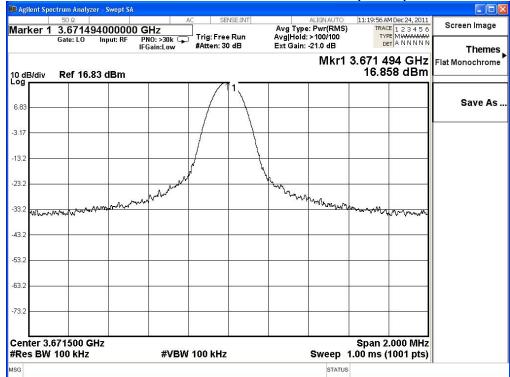


Reference Level: 7MHz_3662.5MHz (ANT 0)

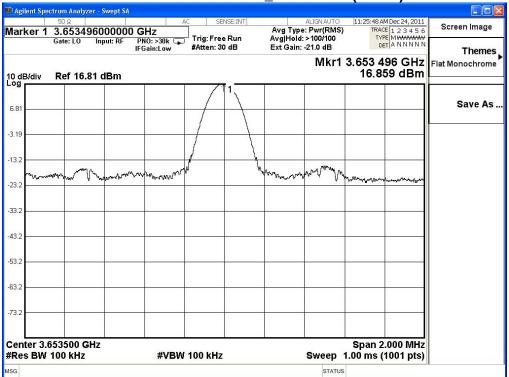






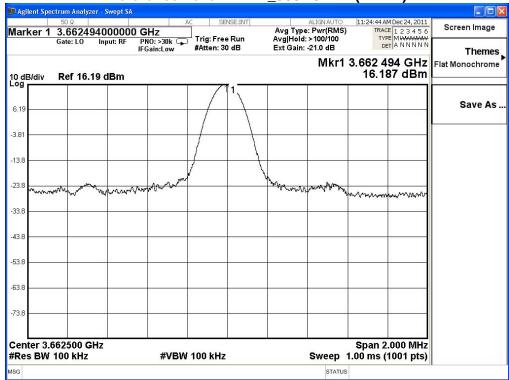


Reference Level: 7MHz_3653.5MHz (ANT 1)

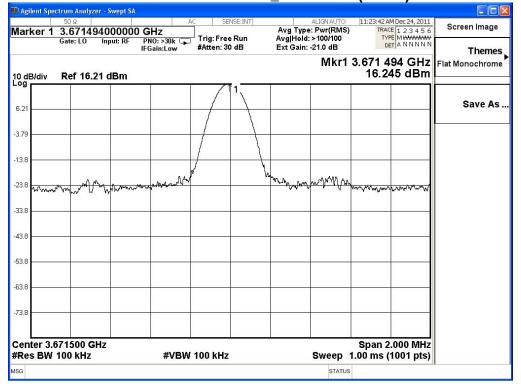




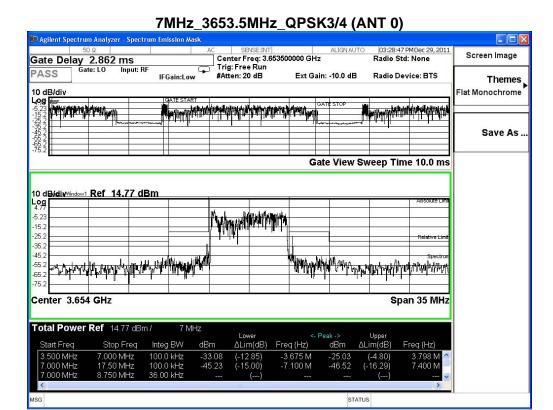
Reference Level: 7MHz_3662.5MHz (ANT 1)

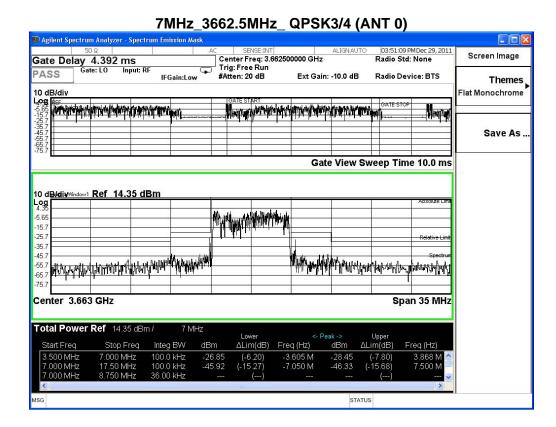


Reference Level: 7MHz_3671.5MHz (ANT 1)

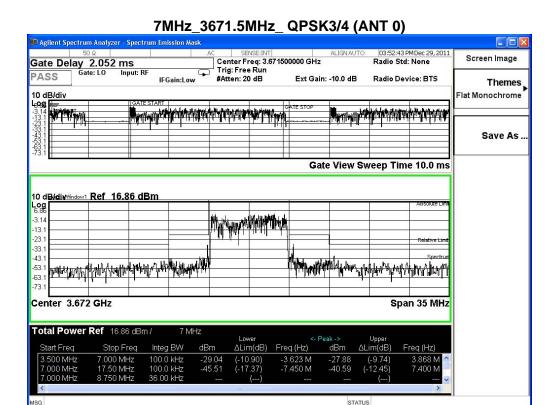


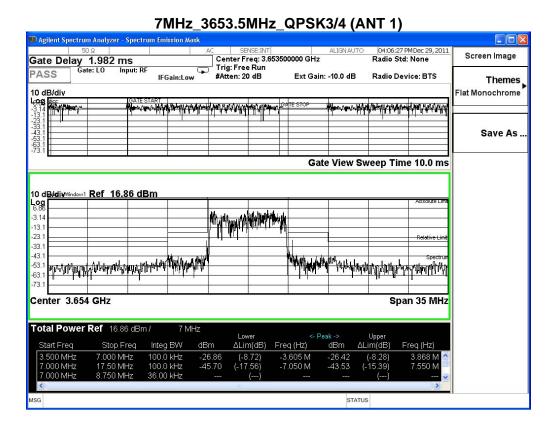




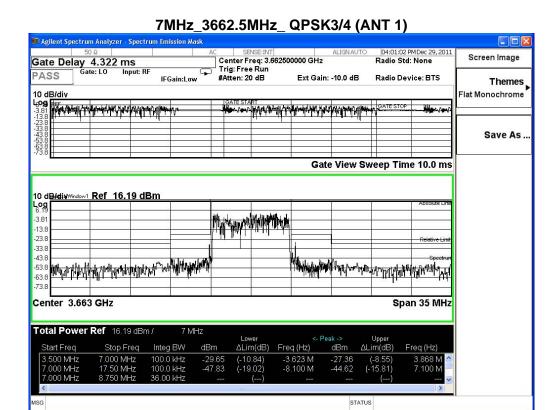


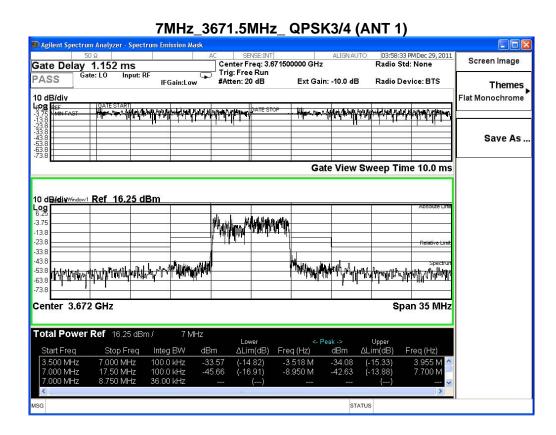




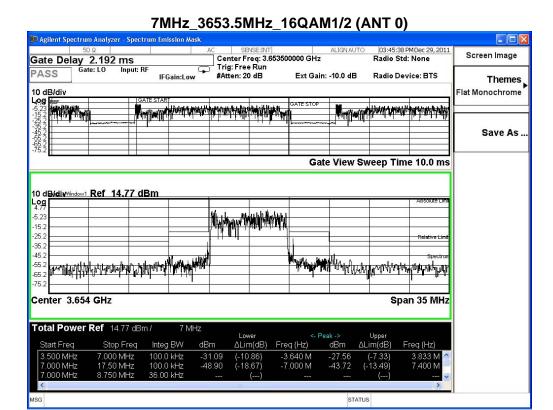


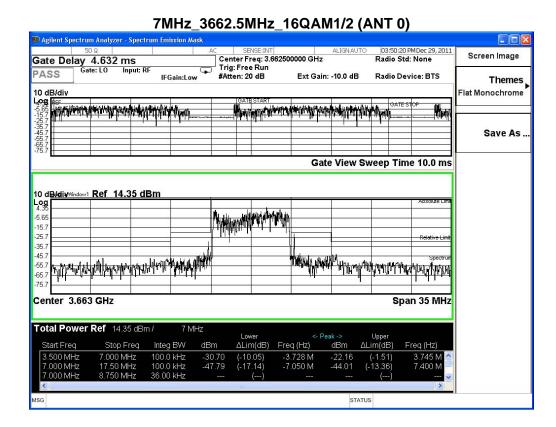




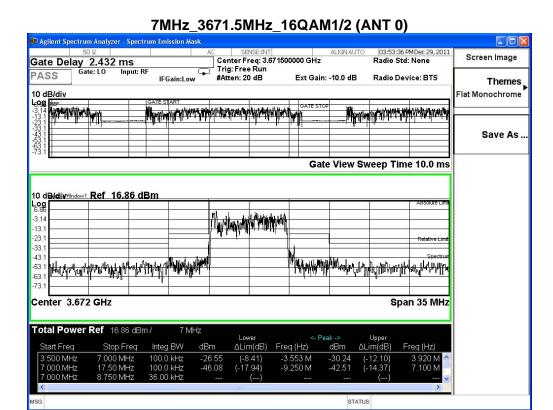


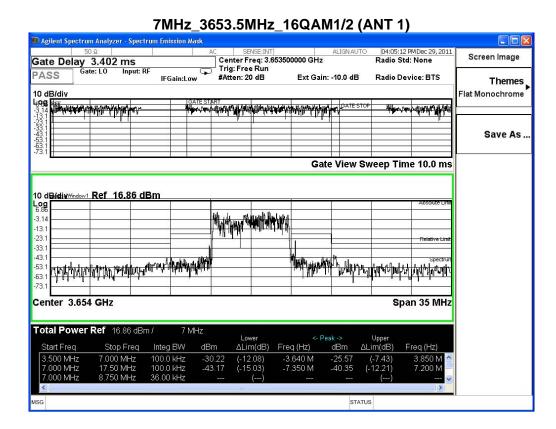




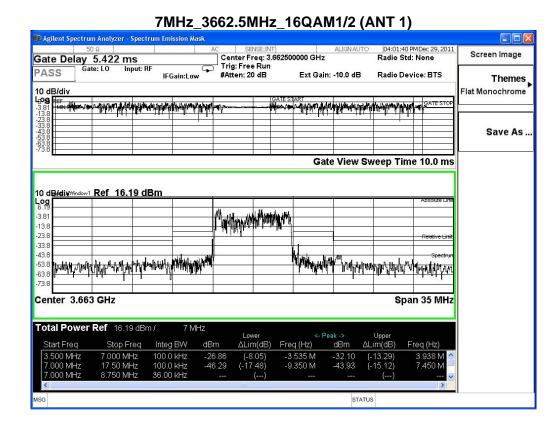












7MHz_3671.5MHz_16QAM1/2 (ANT 1) 🛘 Agilent Spectrum Analyzer - Spectrum Emission Mask Center Freq: 3.671500000 GHz Trig: Free Run Screen Image Gate Delay 3.972 ms PASS #Atten: 20 dB Ext Gain: -10.0 dB Radio Device: BTS **Themes** lat Monochrome Save As . Gate View Sweep Time 10.0 ms 10 dB/dis/Window1 Ref 16.25 dBm Log 6.25 -3.75 -13.8 23.8 -33.8 parte at the discrete and description of the property of the best -53.8 Center 3.672 GHz Span 35 MHz Total Power Ref 16.25 dBm / Upper ΔLim(dB) ΔLim(dB) dBm Start Freq Stop Freq Integ BW Freq (Hz) Freq (Hz) 3.500 MHz 7.000 MHz 7.000 MHz 17.50 MHz 100.0 kHz 100.0 kHz -3.745 M -8.850 M 3.728 M 7.200 M -43 92 STATUS



