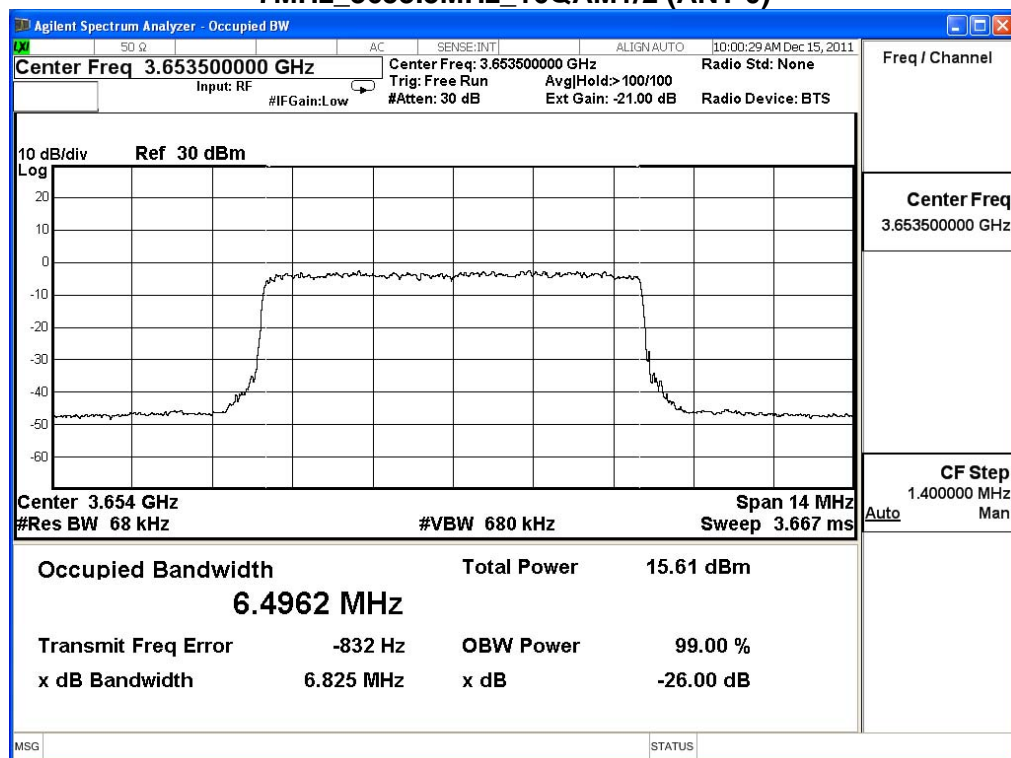


Product	CBS 3.65GHz
Test Item	Occupied Bandwidth
Test Mode	Mode 8: Transmit (7MHz BW_16QAM1/2)

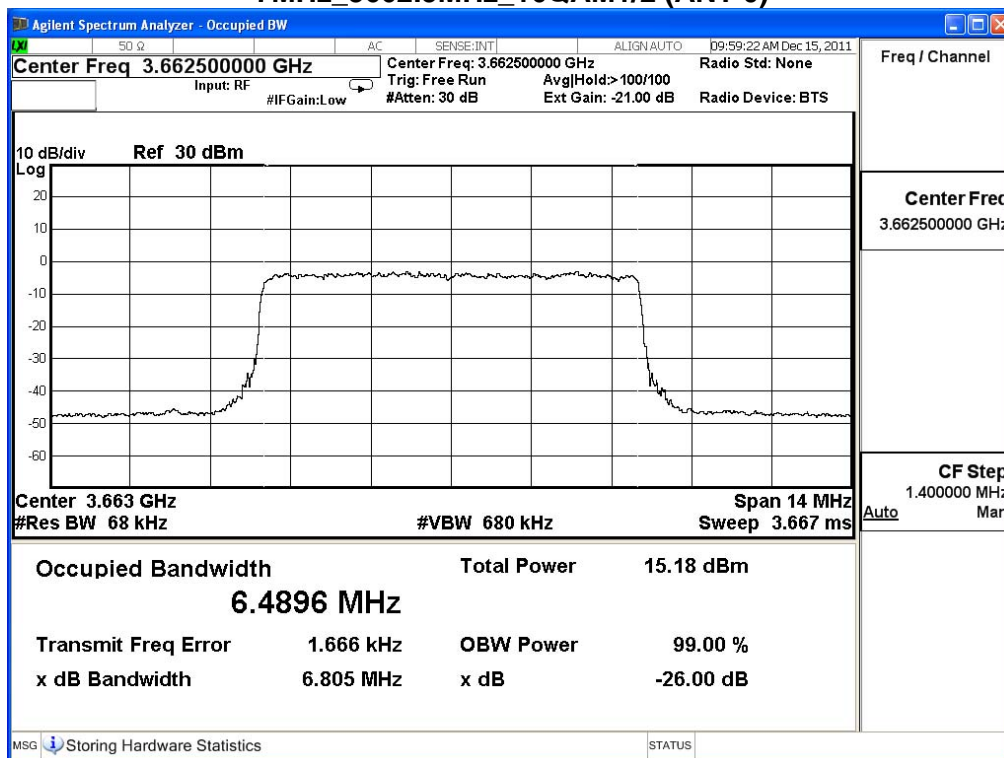
### 7MHz Bandwidth

Frequency (MHz)	Measure Value (MHz)_Ant 0	Measure Value (MHz)_Ant 1	Limit (MHz)
3653.5	6.825	6.749	N/A
3662.5	6.805	6.761	N/A
3671.5	6.795	6.759	N/A

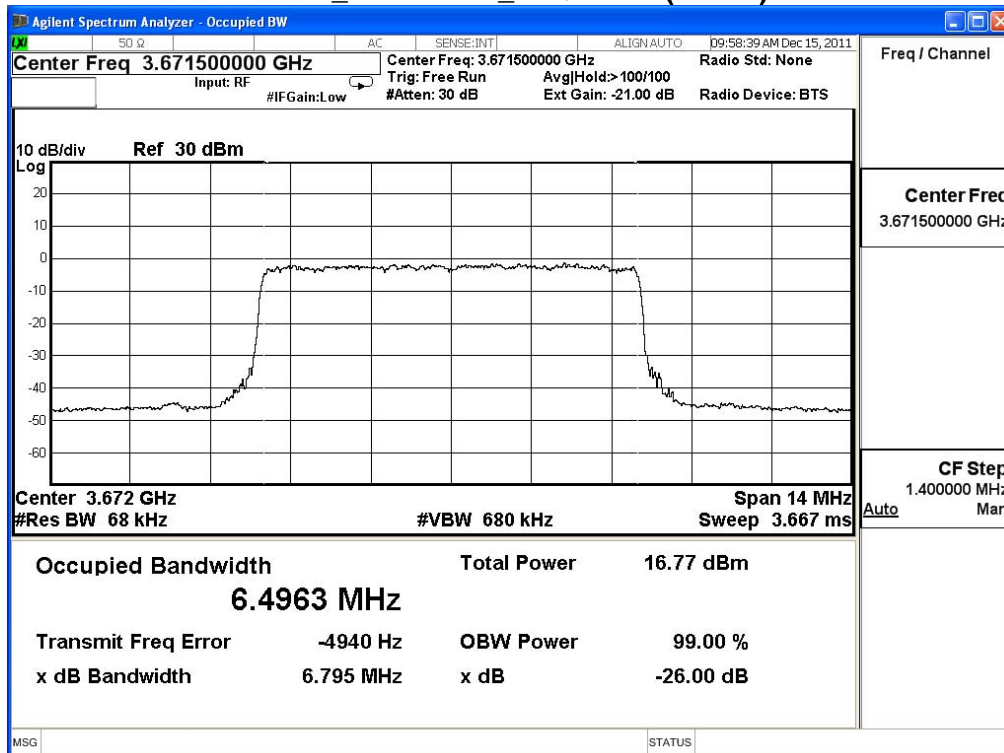
### 7MHz 3653.5MHz\_16QAM1/2 (ANT 0)



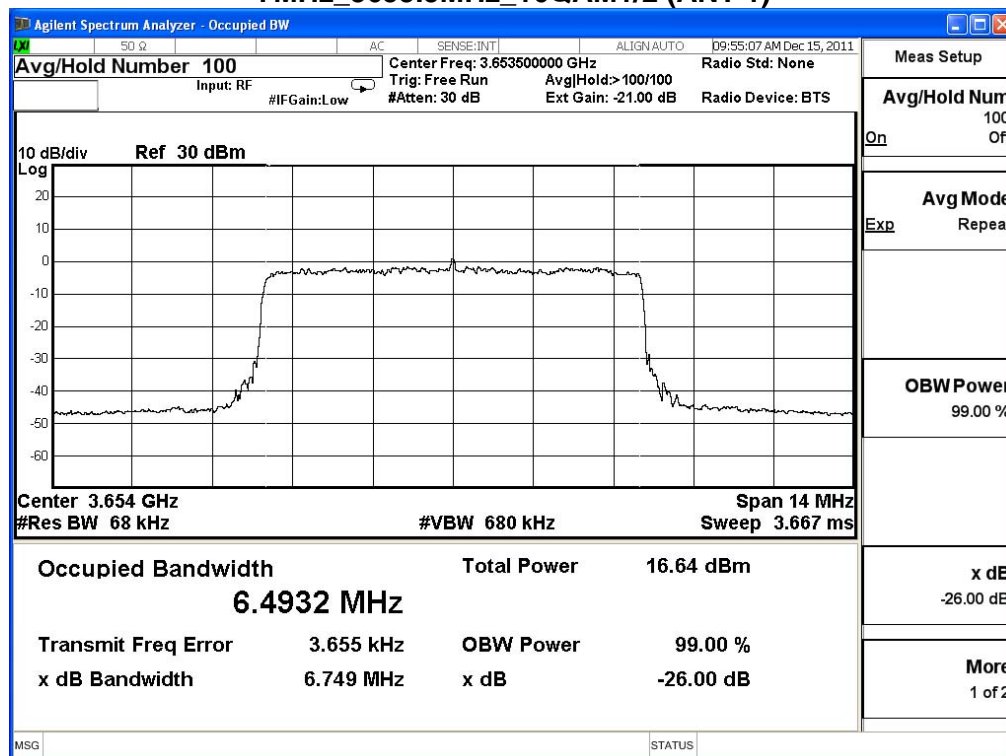
7MHz\_3662.5MHz\_16QAM1/2 (ANT 0)



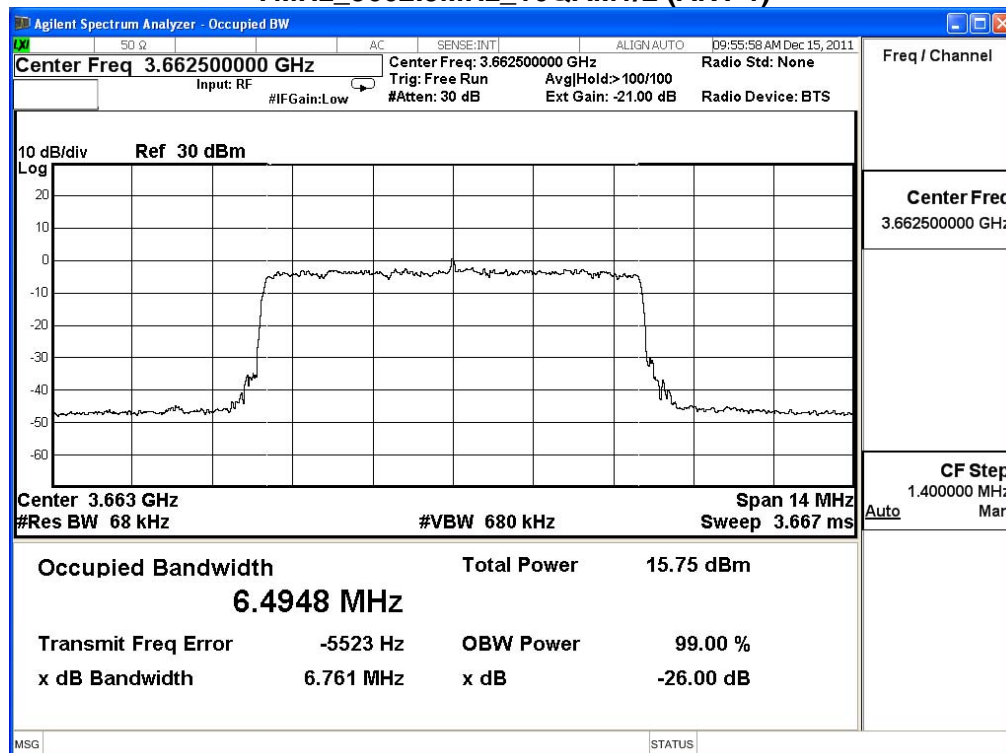
7MHz\_3671.5MHz\_16QAM1/2 (ANT 0)



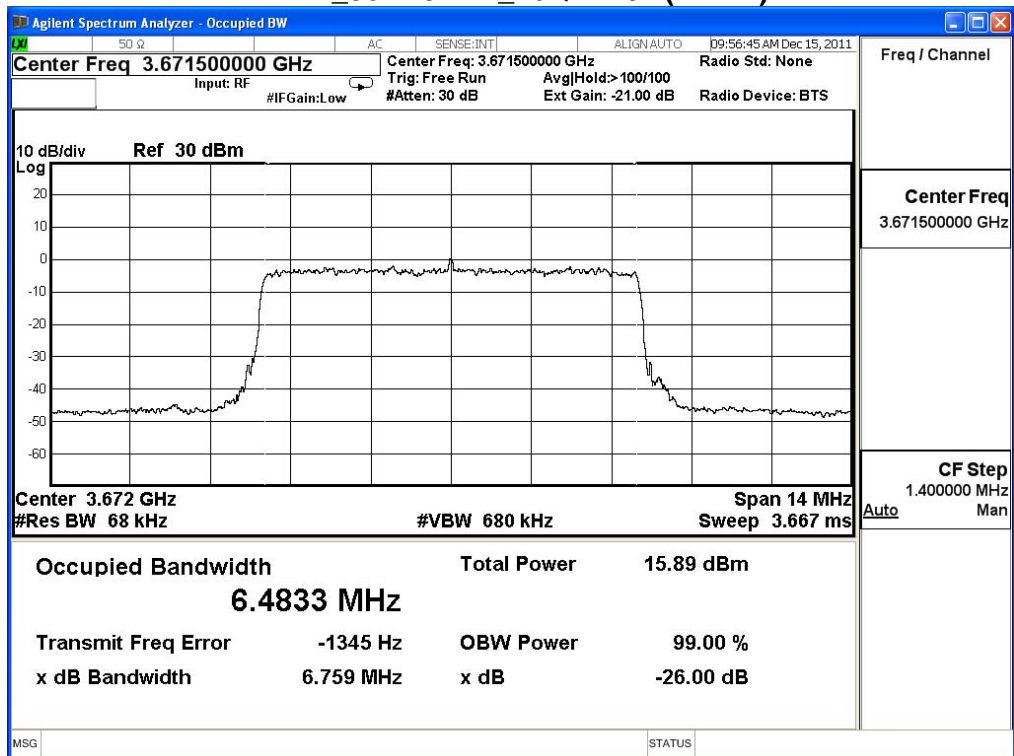
7MHz\_3653.5MHz\_16QAM1/2 (ANT 1)



7MHz\_3662.5MHz\_16QAM1/2 (ANT 1)



7MHz\_3671.5MHz\_16QAM1/2 (ANT 1)

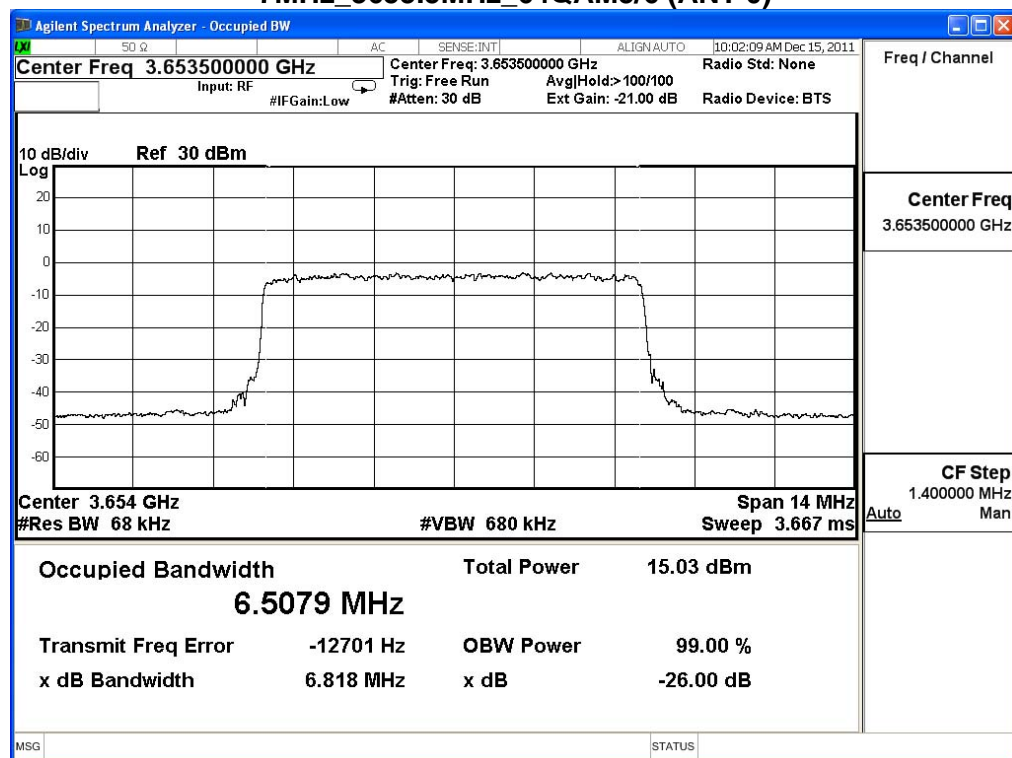


Product	CBS 3.65GHz
Test Item	Occupied Bandwidth
Test Mode	Mode 9: Transmit (7MHz BW_64QAM5/6)

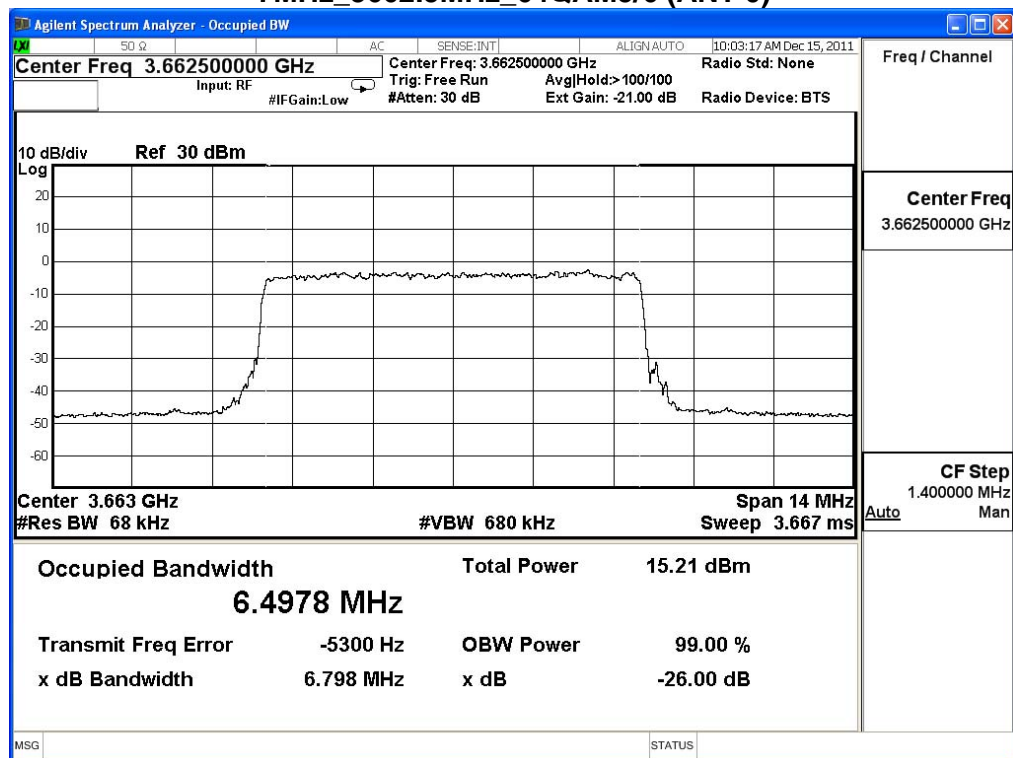
## 7MHz Bandwidth

Frequency (MHz)	Measure Value (MHz)_Ant 0	Measure Value (MHz)_Ant 1	Limit (MHz)
3653.5	6.818	6.777	N/A
3662.5	6.798	6.770	N/A
3671.5	6.789	6.757	N/A

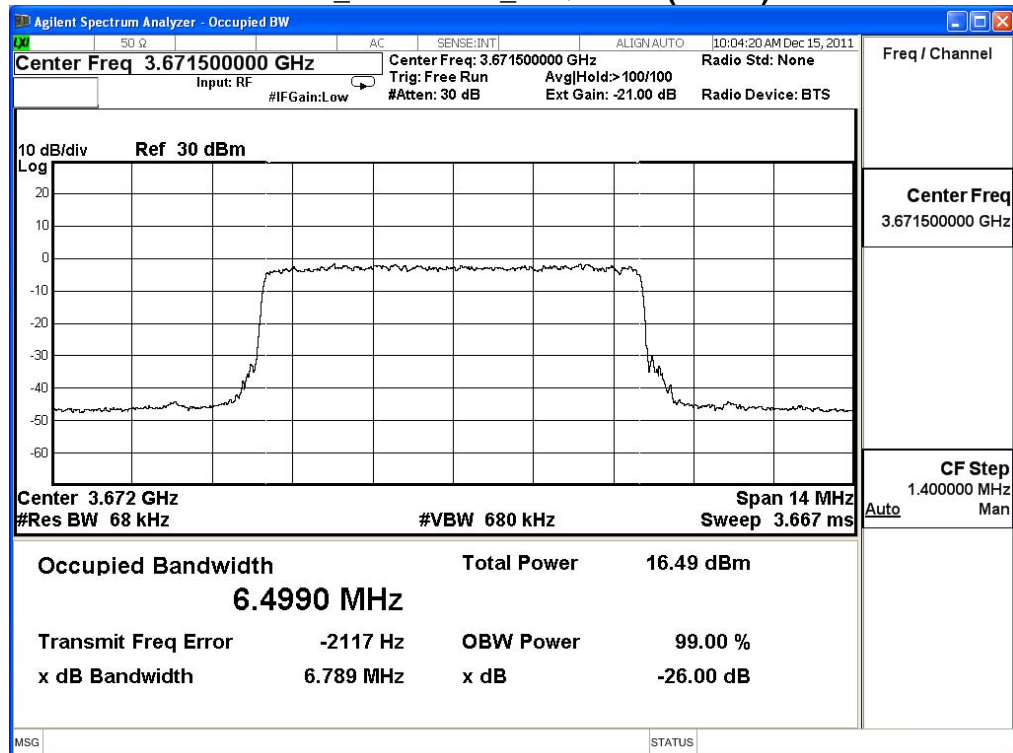
## 7MHz 3653.5MHz 64QAM5/6 (ANT 0)



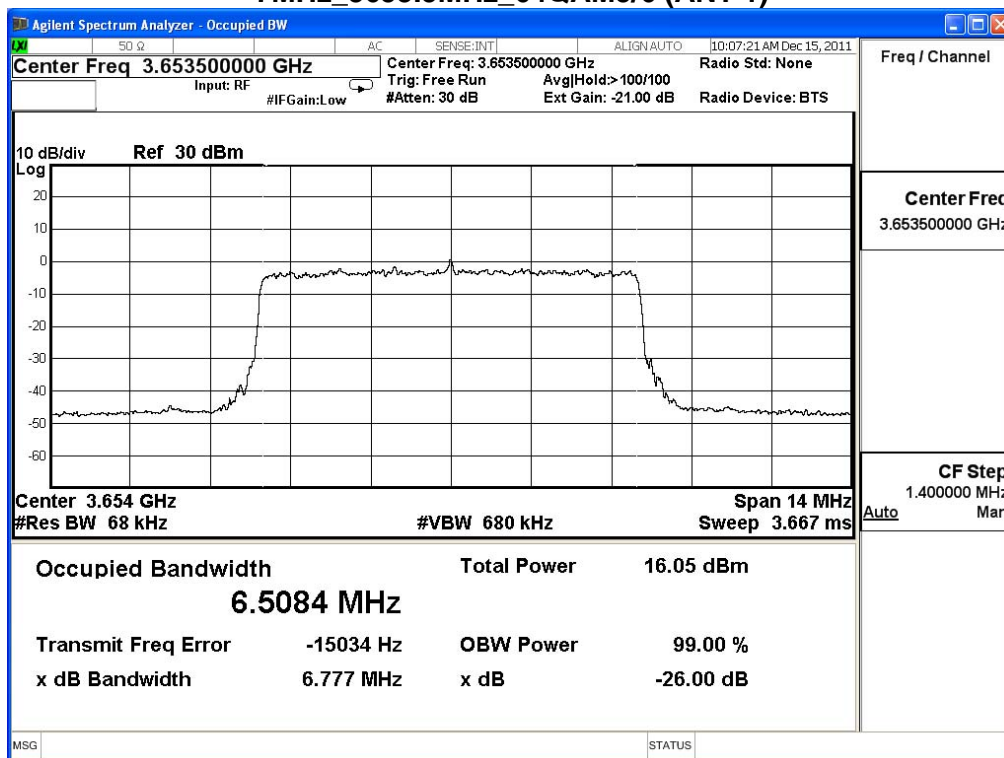
7MHz\_3662.5MHz\_64QAM5/6 (ANT 0)



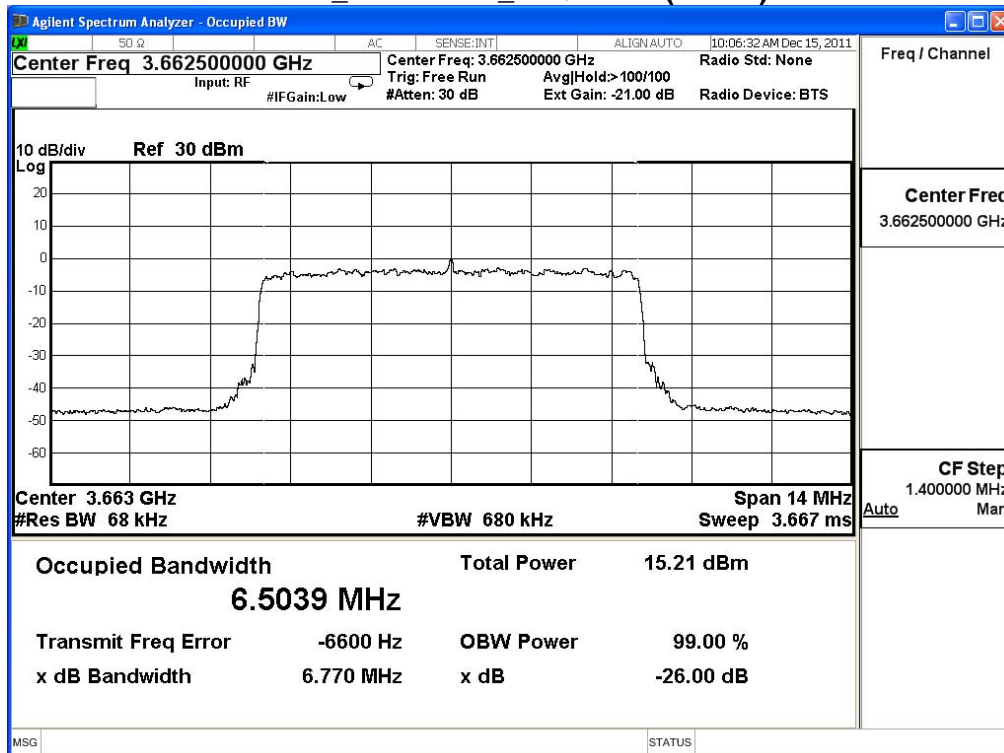
7MHz\_3671.5MHz\_64QAM5/6 (ANT 0)



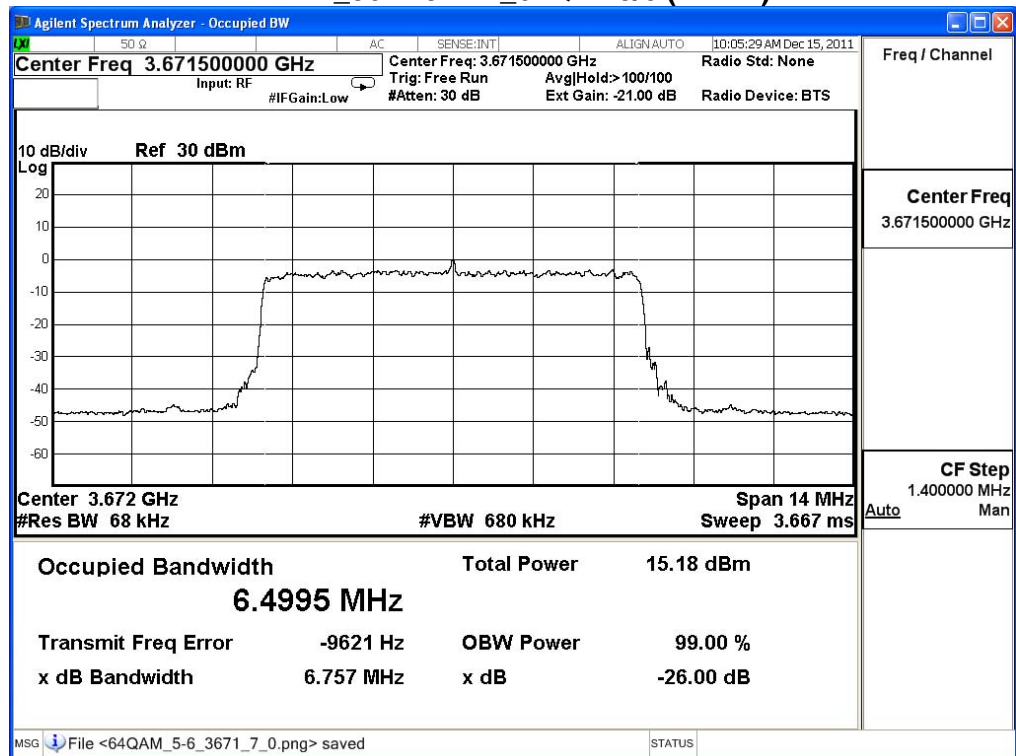
7MHz\_3653.5MHz\_64QAM5/6 (ANT 1)



7MHz\_3662.5MHz\_64QAM5/6 (ANT 1)



7MHz\_3671.5MHz\_64QAM5/6 (ANT 1)



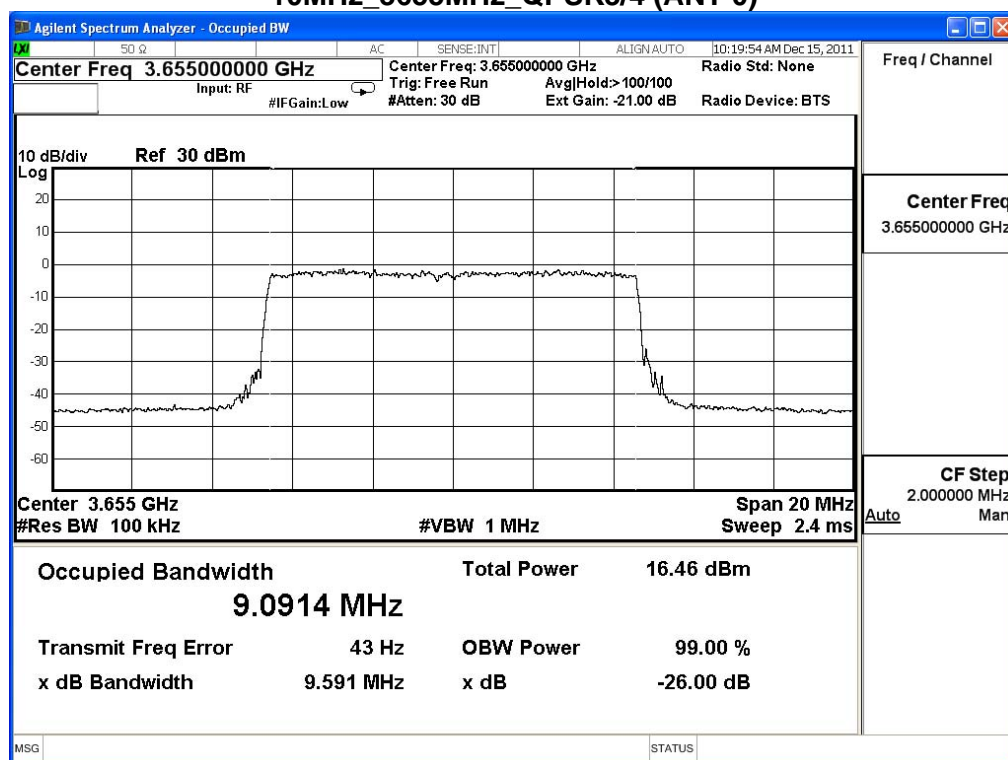


Product	CBS 3.65GHz
Test Item	Occupied Bandwidth
Test Mode	Mode 10: Transmit (10MHz BW_QPSK3/4)

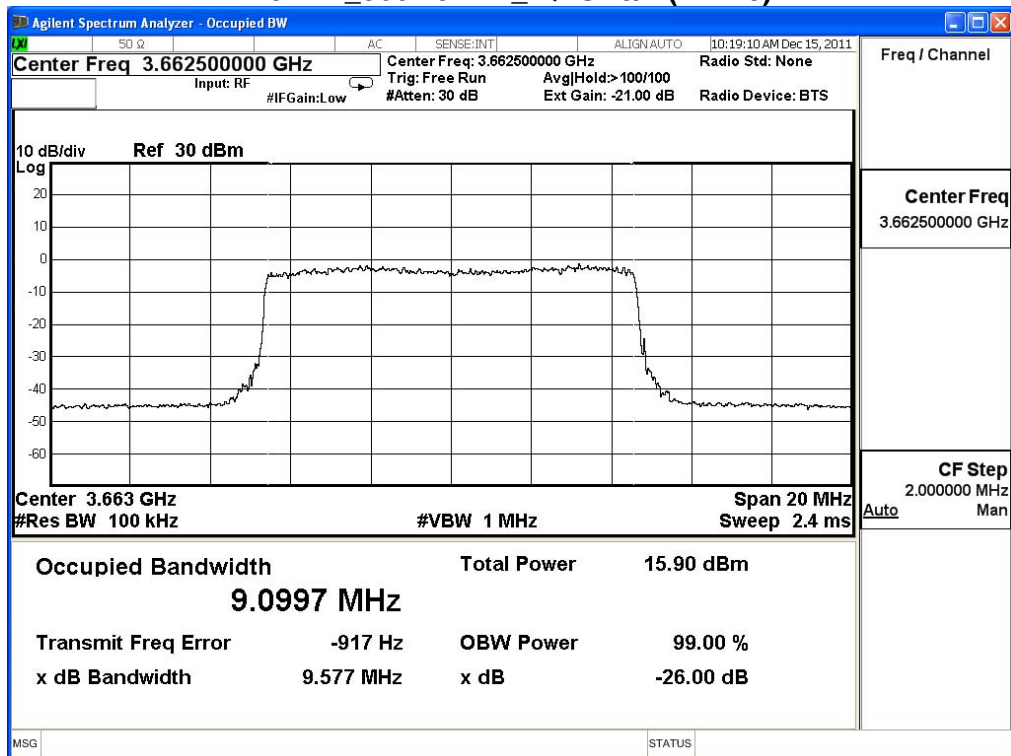
### 10MHz Bandwidth

Frequency (MHz)	Measure Value (MHz)_Ant 0	Measure Value (MHz)_Ant 1	Limit (MHz)
3655.0	9.951	9.652	N/A
3662.5	9.577	9.470	N/A
3670.0	9.526	9.443	N/A

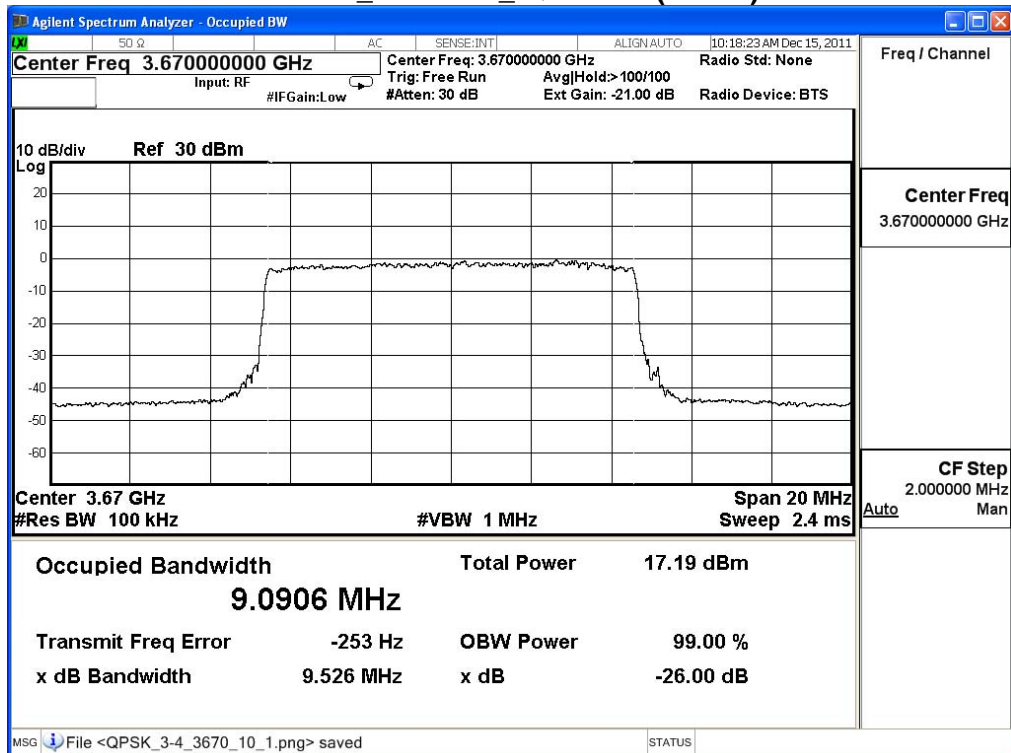
### 10MHz 3655MHz QPSK3/4 (ANT 0)



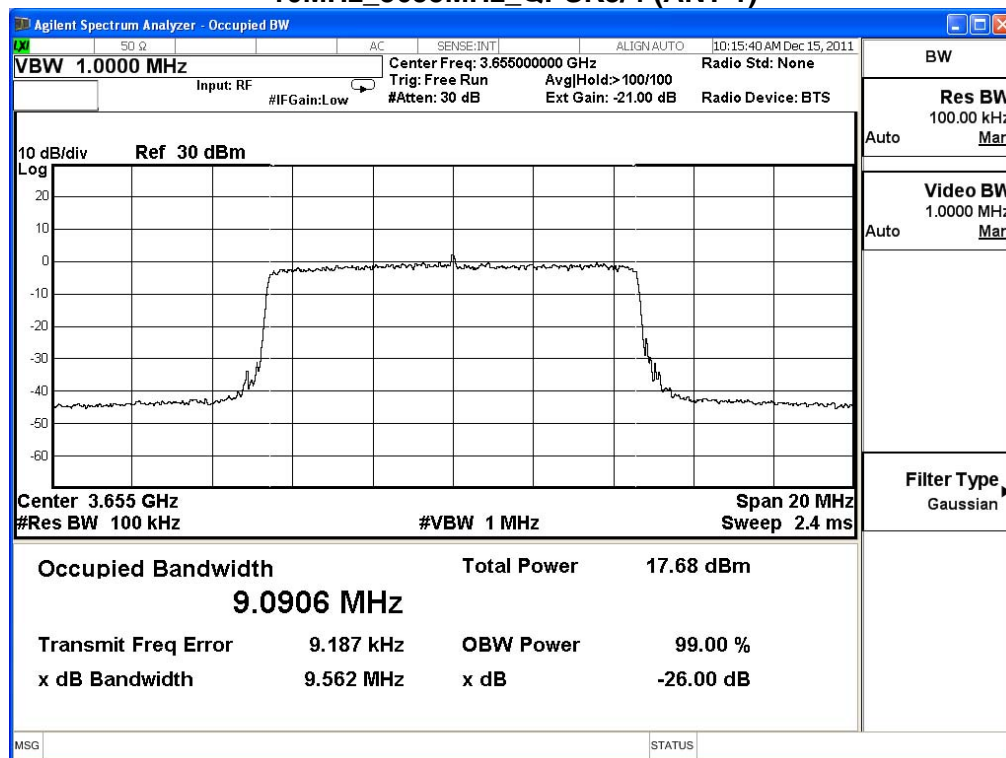
### 10MHz\_3662.5MHz\_QPSK3/4 (ANT 0)



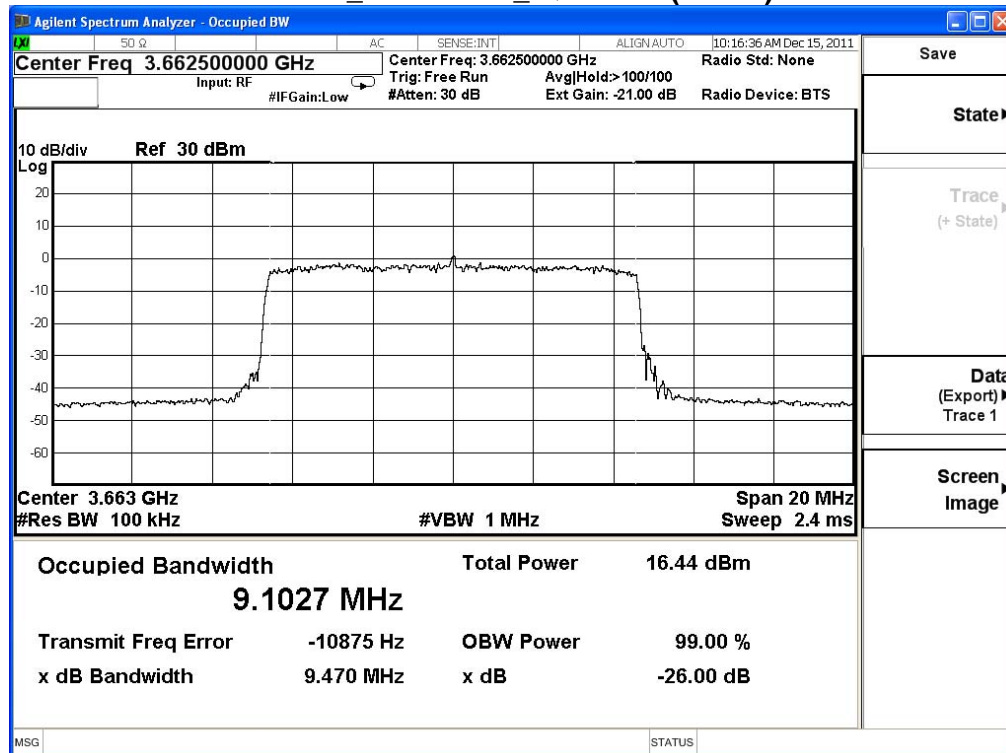
### 10MHz\_3670MHz\_QPSK3/4 (ANT 0)



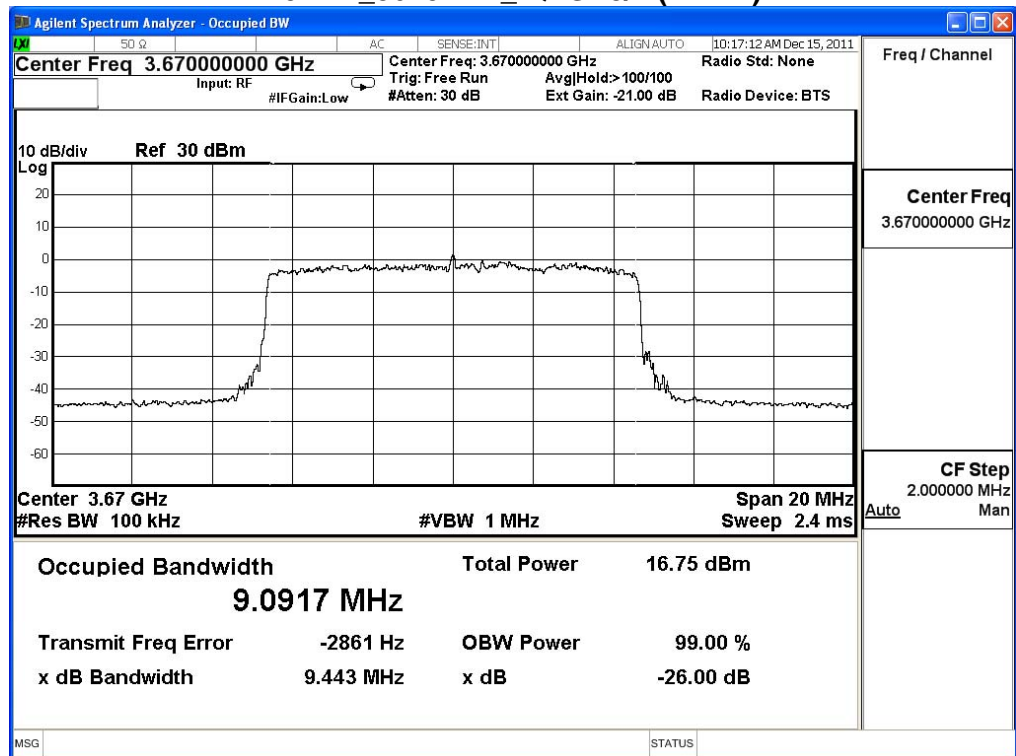
### 10MHz\_3655MHz\_QPSK3/4 (ANT 1)



### 10MHz\_3662.5MHz\_QPSK3/4 (ANT 1)



10MHz\_3670MHz\_QPSK3/4 (ANT 1)

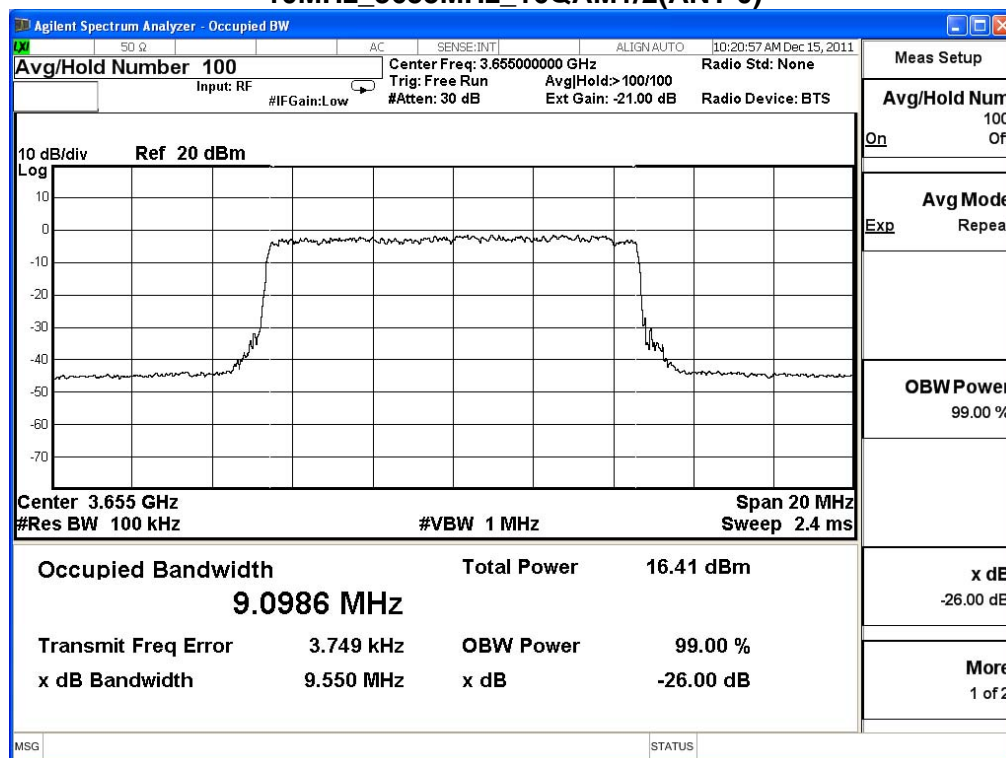


Product	CBS 3.65GHz
Test Item	Occupied Bandwidth
Test Mode	Mode 11: Transmit (10MHz BW_16QAM1/2)

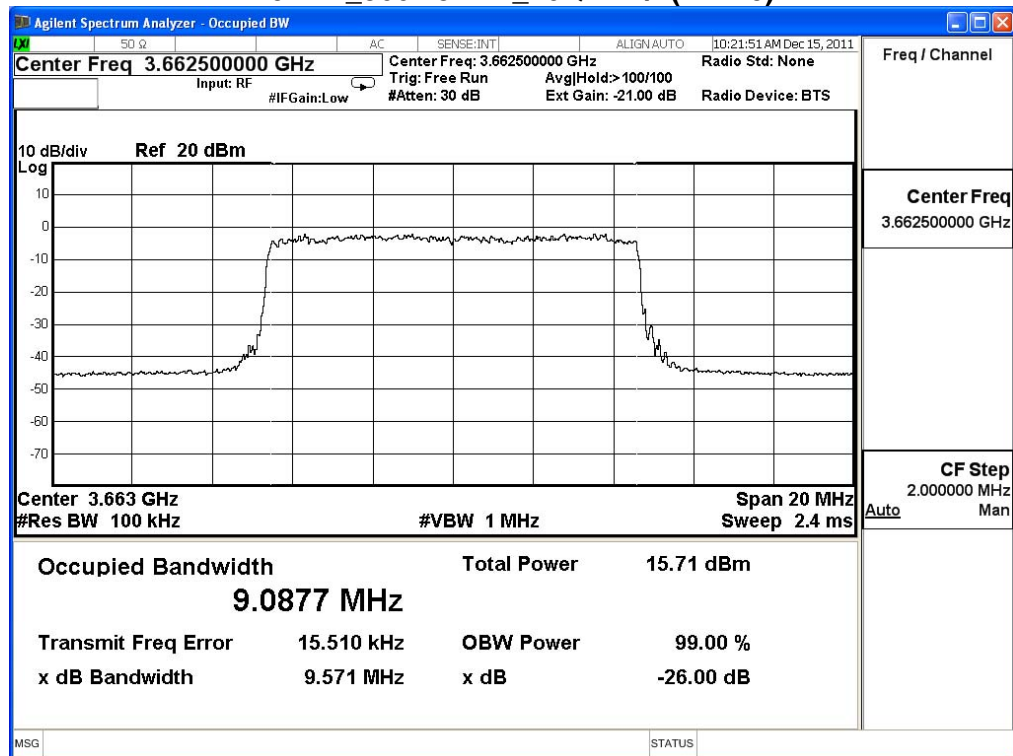
## 10MHz Bandwidth

Frequency (MHz)	Measure Value (MHz)_Ant 0	Measure Value (MHz)_Ant 1	Limit (MHz)
3655.0	9.550	9.473	N/A
3662.5	9.571	9.489	N/A
3670.0	9.483	9.466	N/A

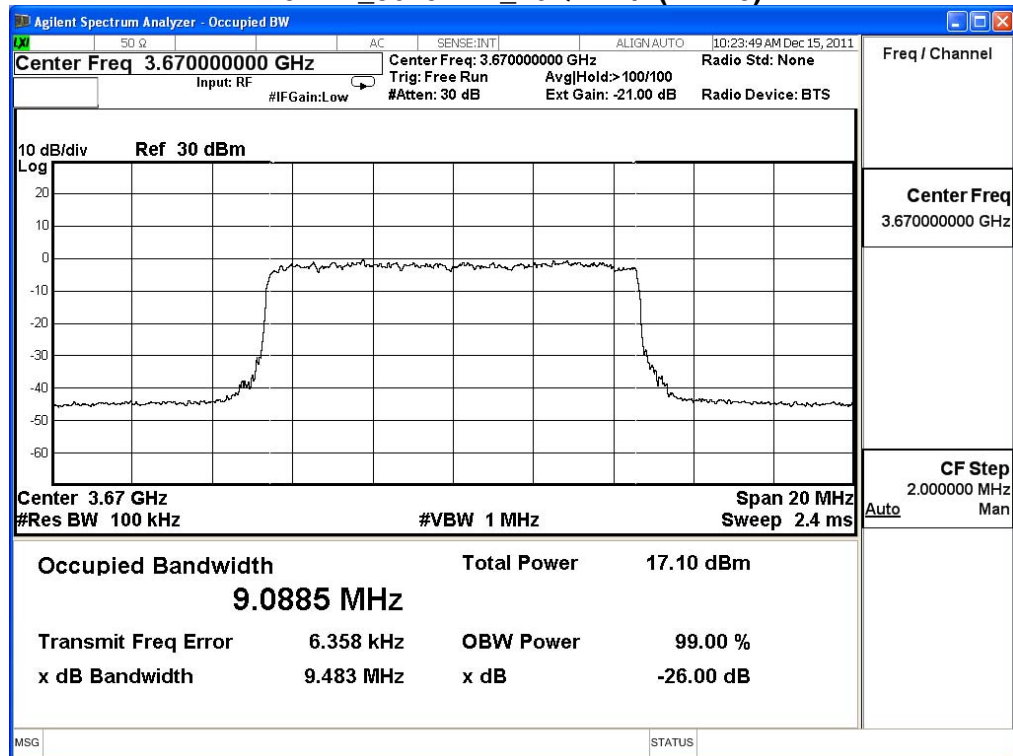
## 10MHz\_3655MHz\_16QAM1/2(ANT 0)



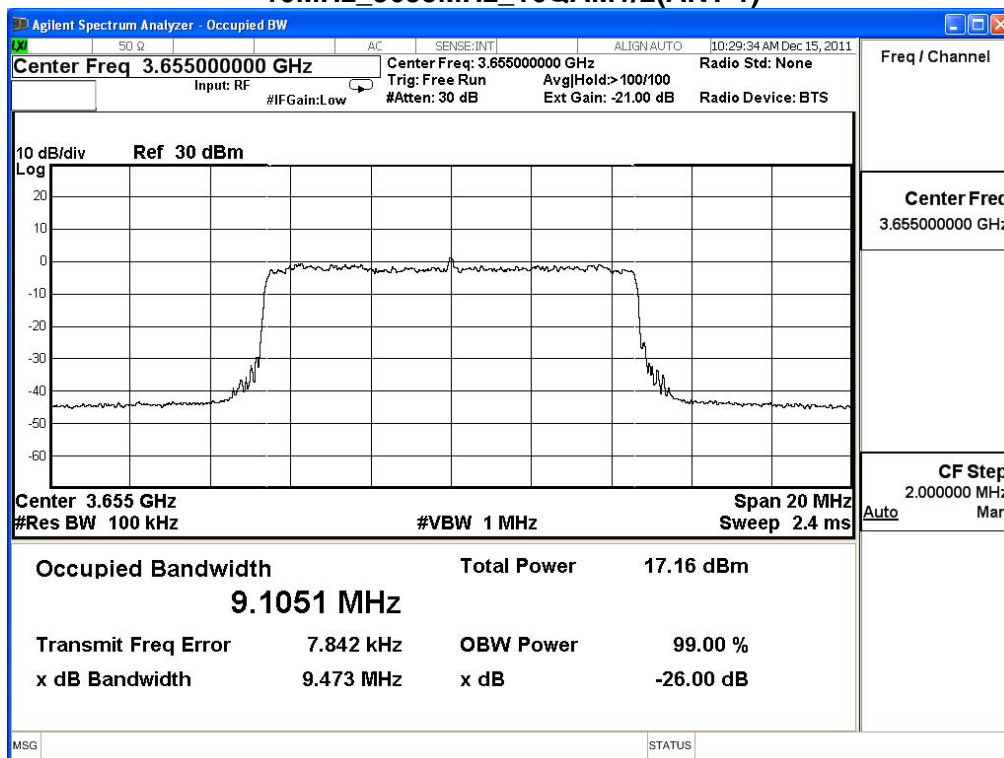
### 10MHz\_3662.5MHz\_16QAM1/2(ANT 0)



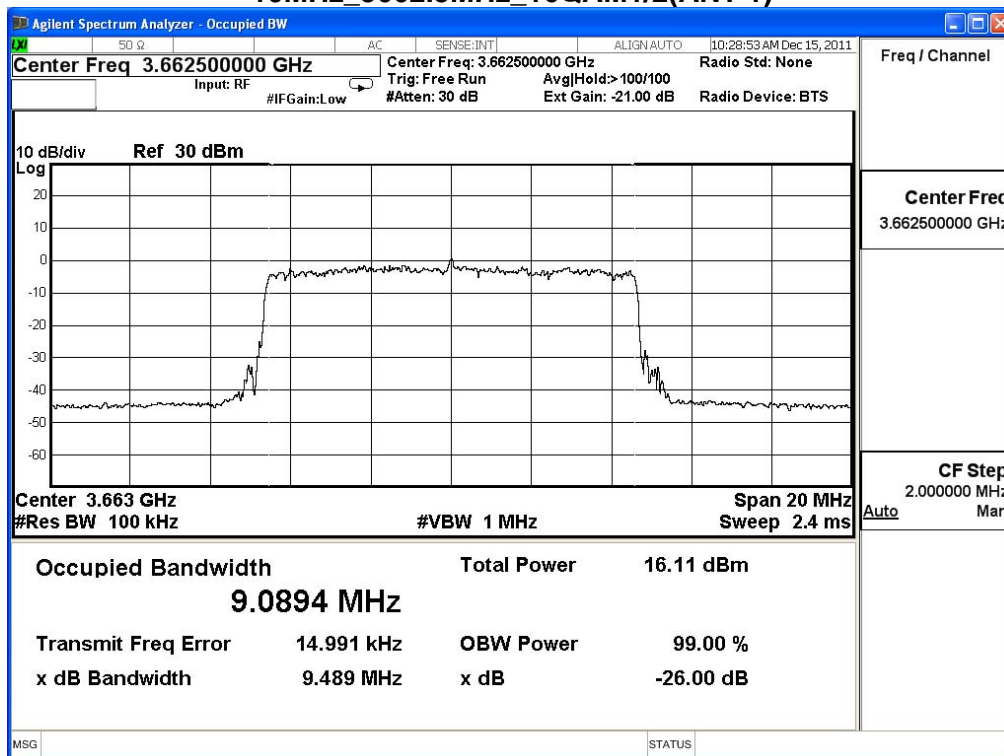
### 10MHz\_3670MHz\_16QAM1/2(ANT 0)



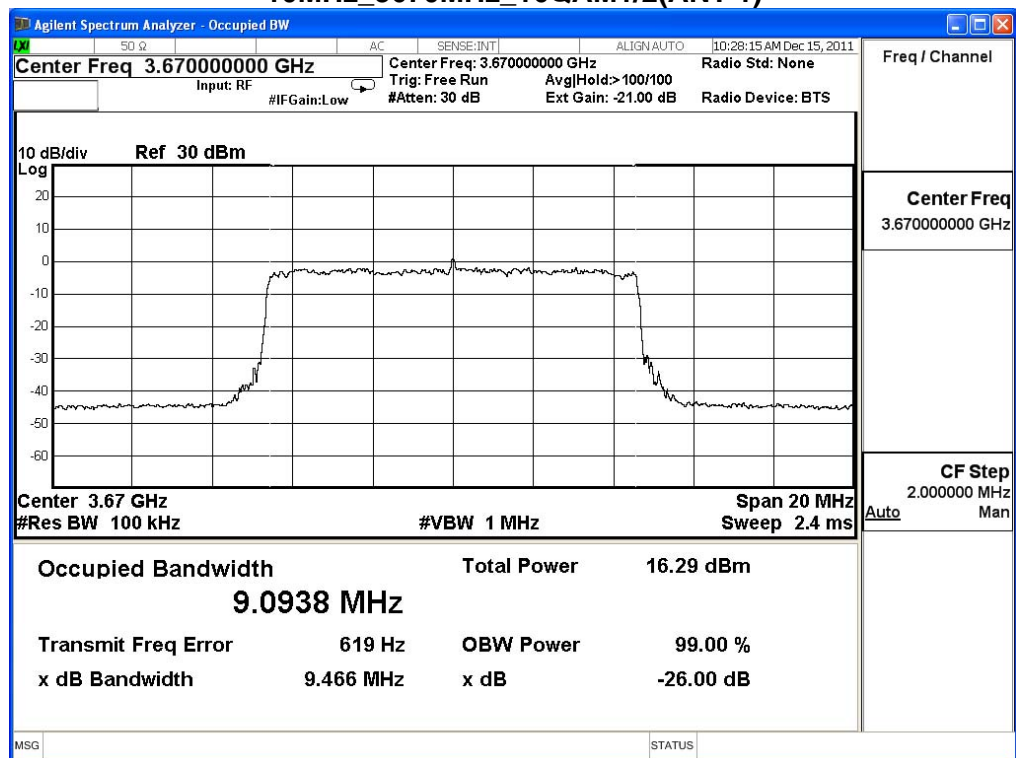
### 10MHz\_3655MHz\_16QAM1/2(ANT 1)



### 10MHz\_3662.5MHz\_16QAM1/2(ANT 1)



10MHz\_3670MHz\_16QAM1/2(ANT 1)



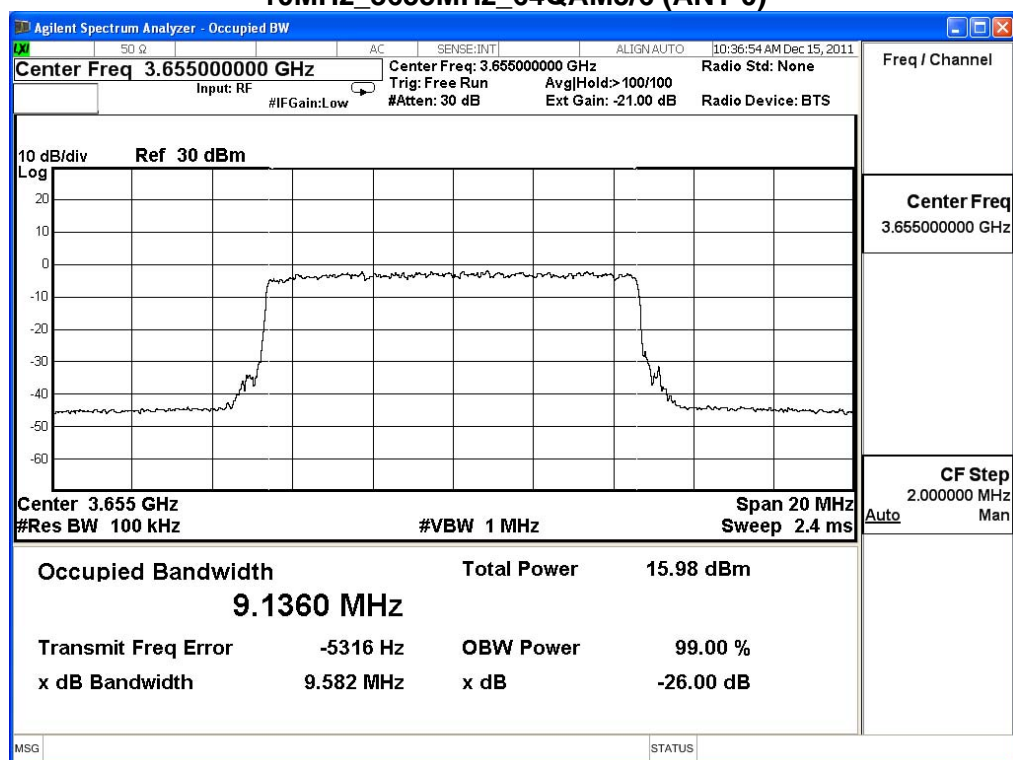


Product	CBS 3.65GHz
Test Item	Occupied Bandwidth
Test Mode	Mode 12: Transmit (10MHz BW_64QAM5/6)

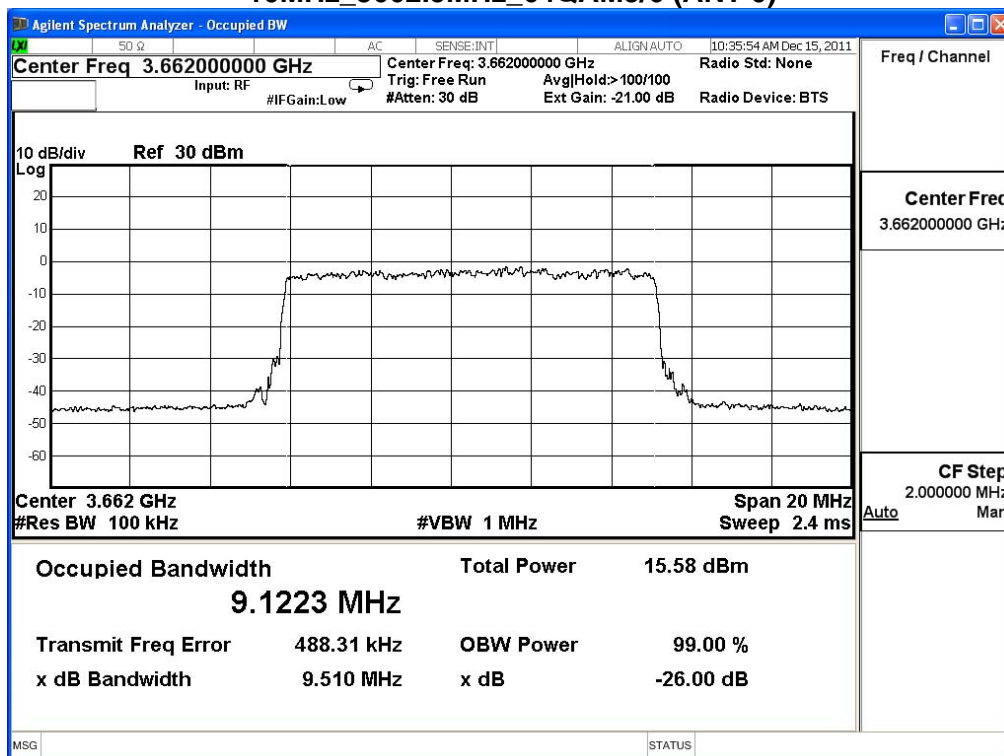
## 10MHz Bandwidth

Frequency (MHz)	Measure Value (MHz)_Ant 0	Measure Value (MHz)_Ant 1	Limit (MHz)
3655.0	9.582	9.491	N/A
3662.5	9.510	9.483	N/A
3670.0	9.557	9.469	N/A

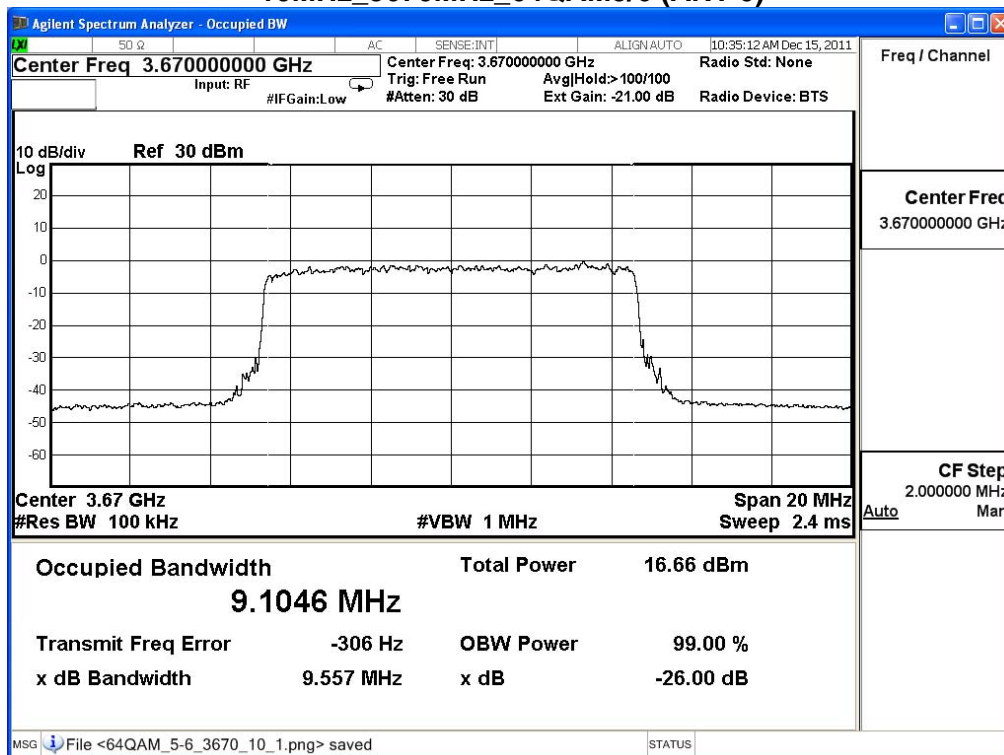
## 10MHz\_3655MHz\_64QAM5/6 (ANT 0)



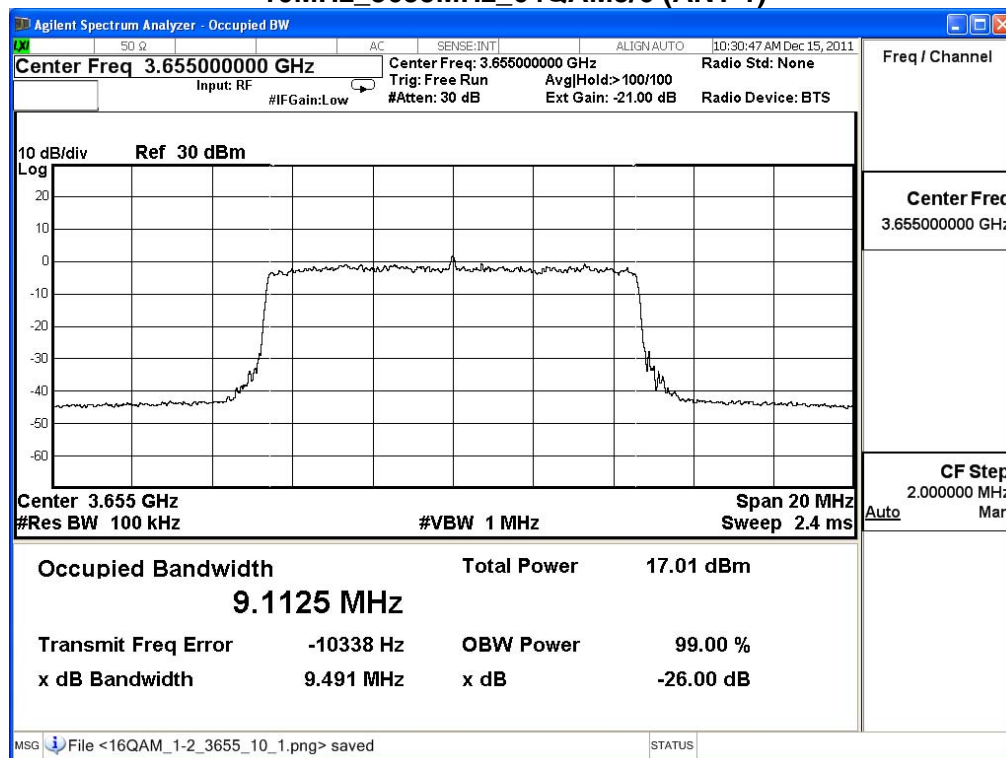
### 10MHz\_3662.5MHz\_64QAM5/6 (ANT 0)



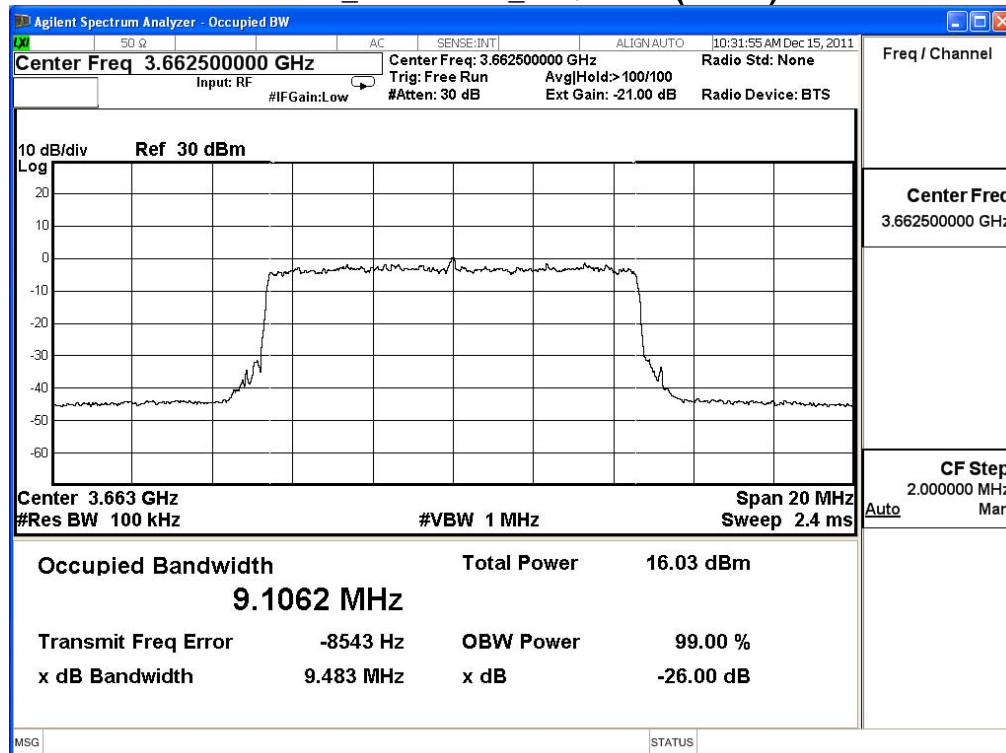
### 10MHz\_3670MHz\_64QAM5/6 (ANT 0)



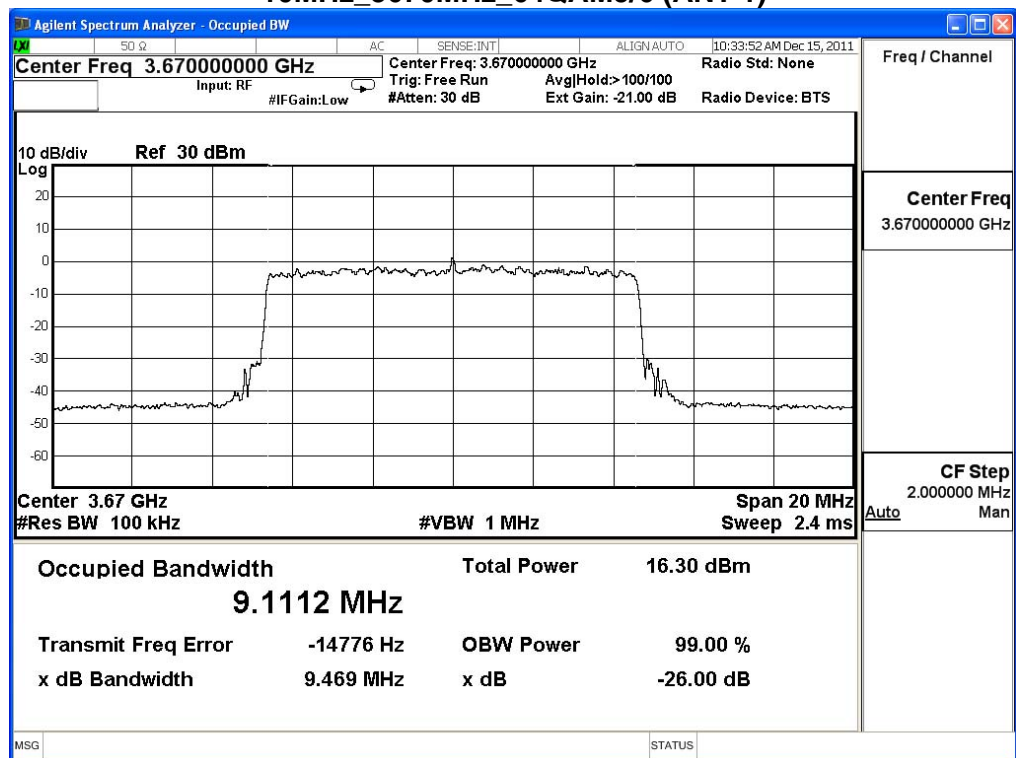
### 10MHz\_3655MHz\_64QAM5/6 (ANT 1)



### 10MHz\_3662.5MHz\_64QAM5/6 (ANT 1)



10MHz\_3670MHz\_64QAM5/6 (ANT 1)



## 5. Spectrum Emission Mask

### 5.1. Test Equipment

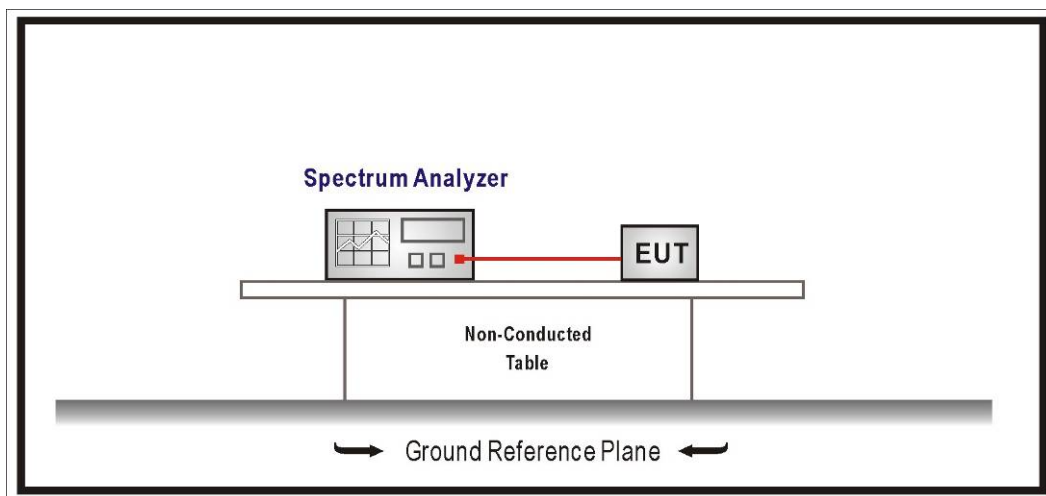
The following test equipments are used during the test:

#### Spectrum Emission Mask / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Spectrum Analyzer	Agilent	N9010A	US47140172	2012/07/13

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

### 5.2. Test Setup



### 5.3. Limits

For transmitters that are equipped with an audio lowpass filter, the power of any emission must be attenuated below the unmodulated carrier power (P) as follows:

- (1) On any frequency removed from the assigned frequency by more than 50 percent, but not more than 100 percent of the authorized bandwidth: At least 25 dB.
- (2) On any frequency removed from the assigned frequency by more than 100 percent, but not more than 250 percent of the authorized bandwidth: At least 35 dB.
- (3) On any frequency removed from the assigned frequency by more than 250 percent of the authorized bandwidth: At least  $43 + 10 \log (P)$  dB.

#### **5.4. Test Procedure**

The Spectrum Emission Mask is measured using Spectrum Analyzer with a resolution bandwidth of the instrumentation must be at least 1 MHz. The EUT was set up for the rated peak power under unmodulation mode and record the level as refer level. The standards required a Spectrum Emission Mask is the power of any emission must be attenuated below the refer level as limit under all modulation types and emission bandwidths.

#### **5.5. Test Specificati**

FCC CFR Title 47 Part 90 Subpart Z

#### **5.6. Uncertainty**

The measurement uncertainty is defined as  $\pm 1.27\text{dB}$