

## 6. Conducted Spurious Emission

### 6.1. Test Equipment

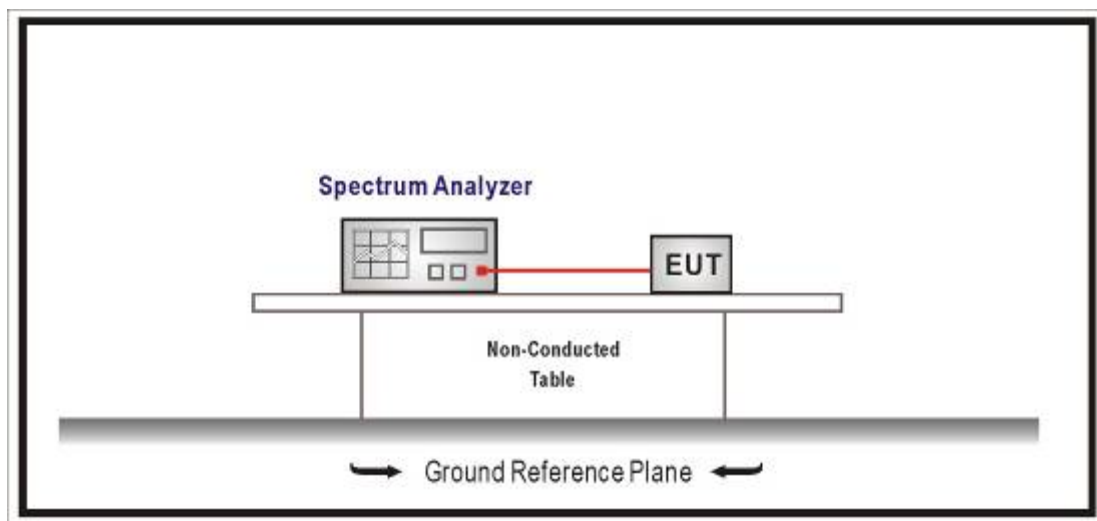
The following test equipments are used during the test:

#### Conducted Spurious Emission / SR7

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

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

### 6.2. Test Setup



### 6.3. Limits

The power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least  $43 + 10 \log (P)$  dB. Compliance with this provision is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or less, but at least one percent of the emission bandwidth of the fundamental emission of the transmitter, provided the measured energy is integrated over a 1 MHz bandwidth.

### 6.4. Test Procedure

The EUT was set up for the rated peak power. The power was measured with Spectrum Analyzer. All measurements were done at 3 channels: low, middle and high operational frequency range. The spectrum set RBW = 1MHz, VBW = 3MHz. and using peak detection mode.

**6.5. Test Specification:**

FCC CFR Title 47 Part 90 Subpart Z,

**6.6. Uncertainty**

The measurement uncertainty is defined as  $\pm 1.27$  dB

## 6.7. Test Result

|              |                                    |           |     |
|--------------|------------------------------------|-----------|-----|
| Product      | CPE 3.65GHz Outdoor                |           |     |
| Test Item    | Conducted Spurious Emission        |           |     |
| Test Mode    | Mode 1: Transmit (5MHz BW_QPSK1/2) |           |     |
| Date of Test | 2011/11/19                         | Test Site | SR7 |

### Test Mode: 5MHz QPSK

#### Test Frequency: 3652.5MHz

| Frequency Band (MHz) | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
|----------------------|-----------------|----------------------|-------------|
| 30-1000              | 891.36          | -33.746              | $\leq -13$  |
| 1000-6000            | 5645.00         | -30.659              | $\leq -13$  |
| 6000-18000           | 16860.00        | -30.969              | $\leq -13$  |
| 18000-26500          | 26228.00        | -23.041              | $\leq -13$  |

#### Test Frequency: 3662.5MHz

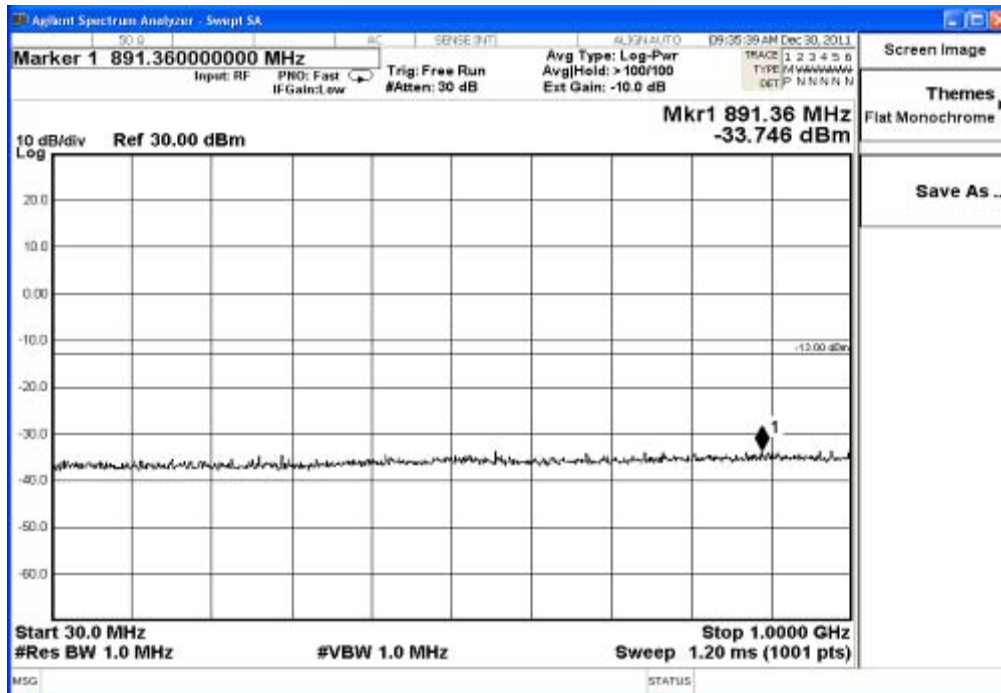
| Frequency Band (MHz) | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
|----------------------|-----------------|----------------------|-------------|
| 30-1000              | 989.33          | -34.585              | $\leq -13$  |
| 1000-6000            | 5635.00         | -31.827              | $\leq -13$  |
| 6000-18000           | 17628.00        | -30.913              | $\leq -13$  |
| 18000-26500          | 25352.50        | -23.561              | $\leq -13$  |

#### Test Frequency: 3672.5MHz

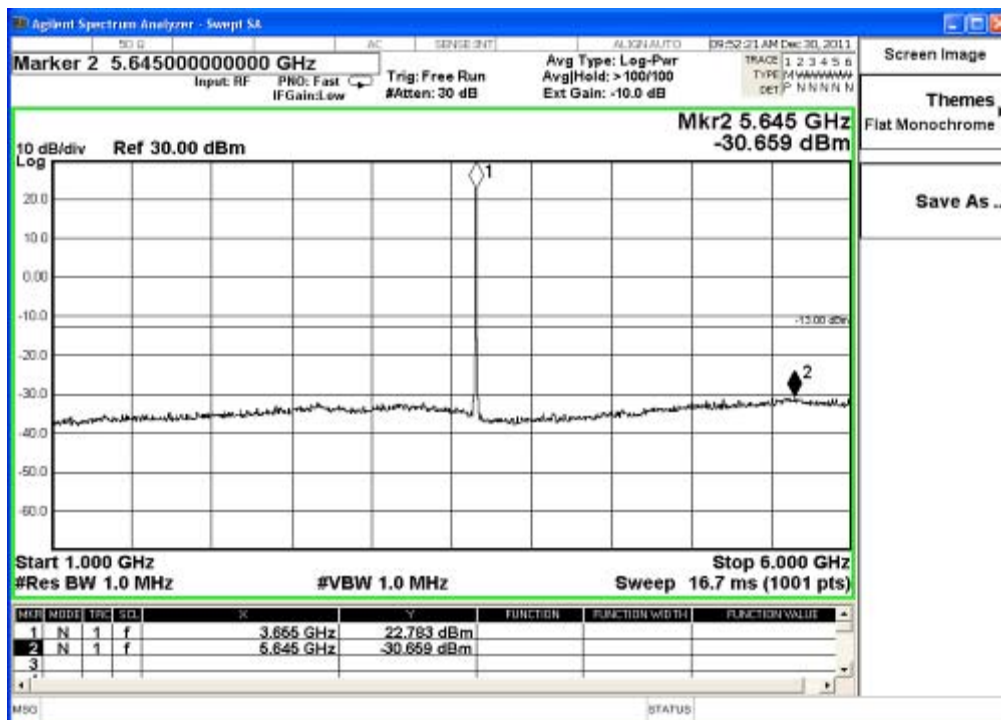
| Frequency Band (MHz) | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
|----------------------|-----------------|----------------------|-------------|
| 30-1000              | 874.87          | -33.303              | $\leq -13$  |
| 1000-6000            | 5595.00         | -31.531              | $\leq -13$  |
| 6000-18000           | 17028.00        | -30.914              | $\leq -13$  |
| 18000-26500          | 25403.50        | -23.686              | $\leq -13$  |

## 5MHz\_3652.5MHz\_QPSK1/2

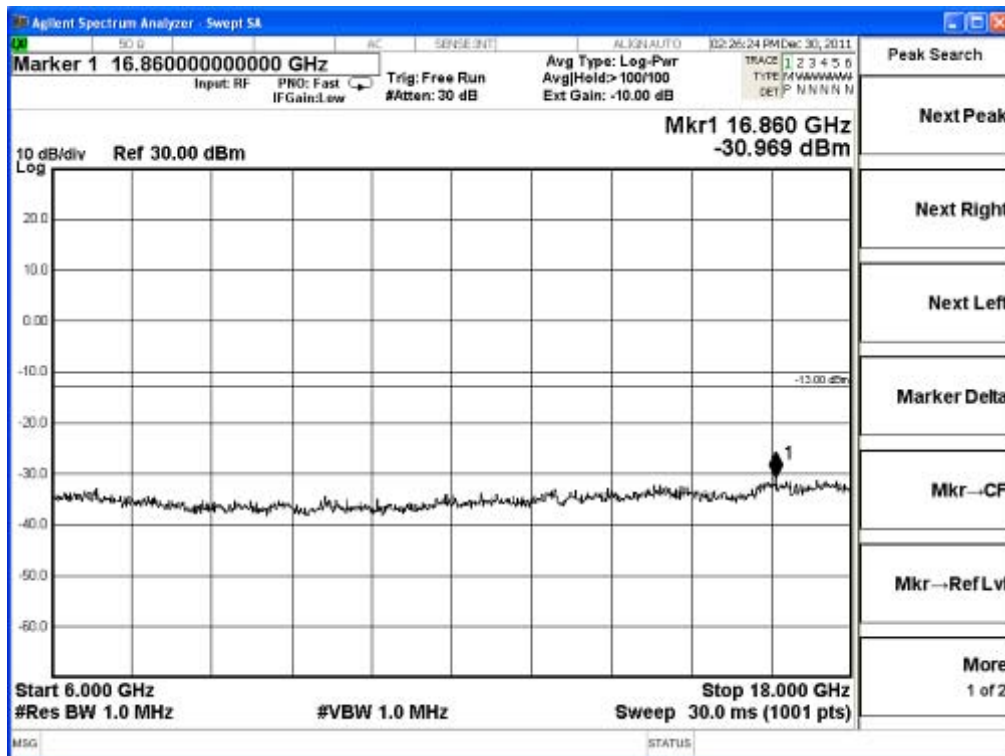
### 30MHz to 1GHz



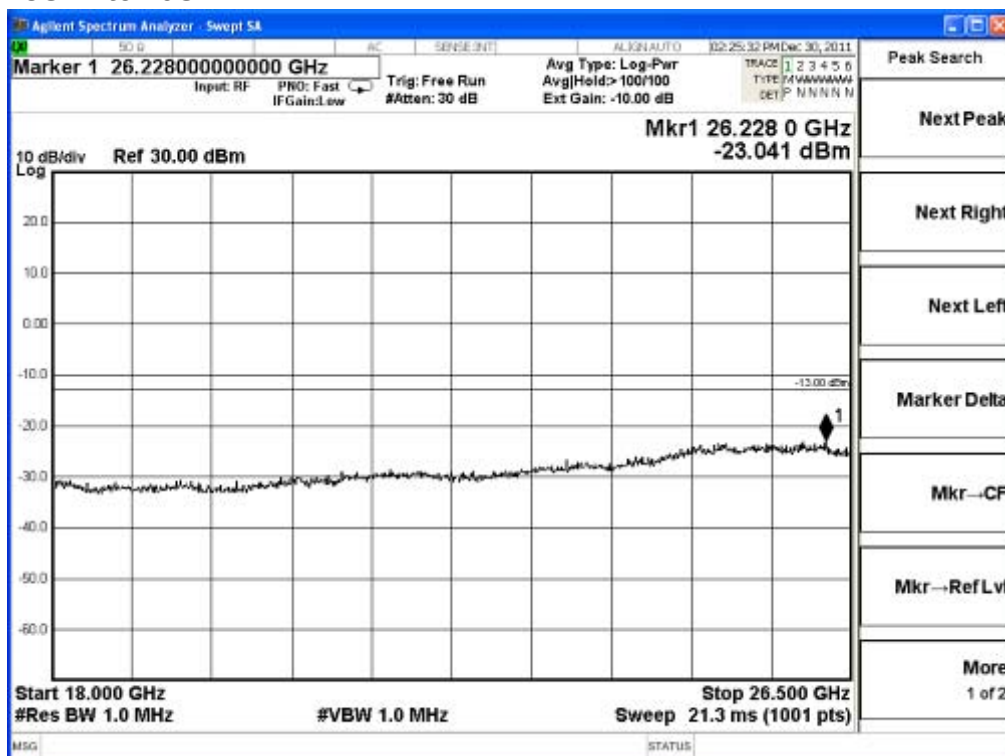
### 1GHz to 6GHz



## 6GHz to 18GHz

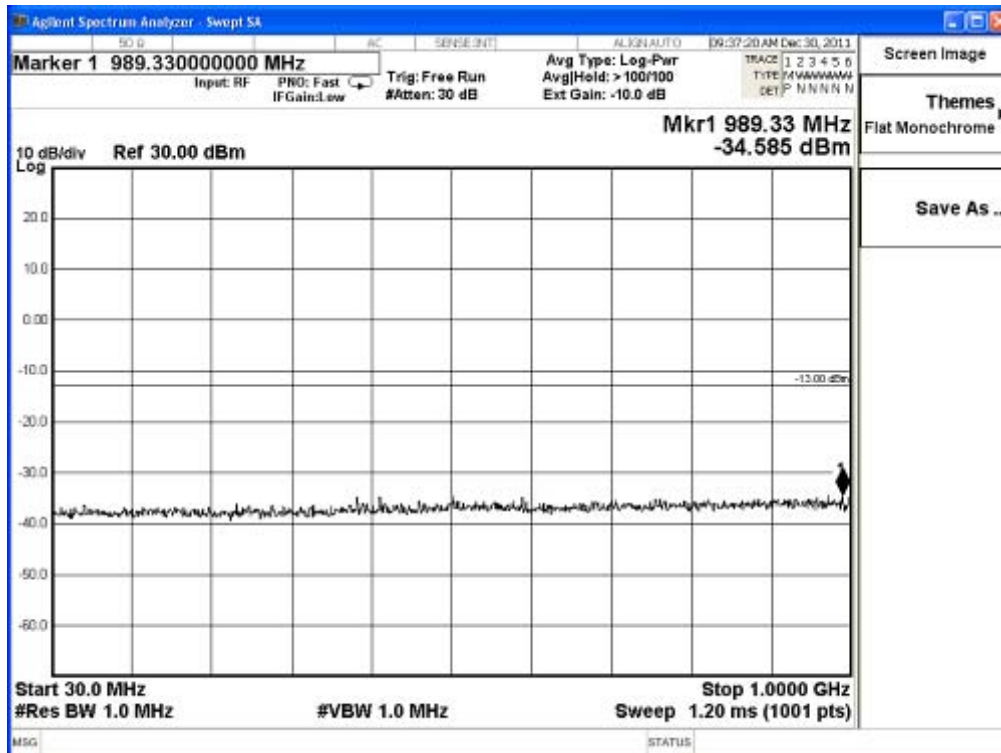


## 18GHz to 26GHz

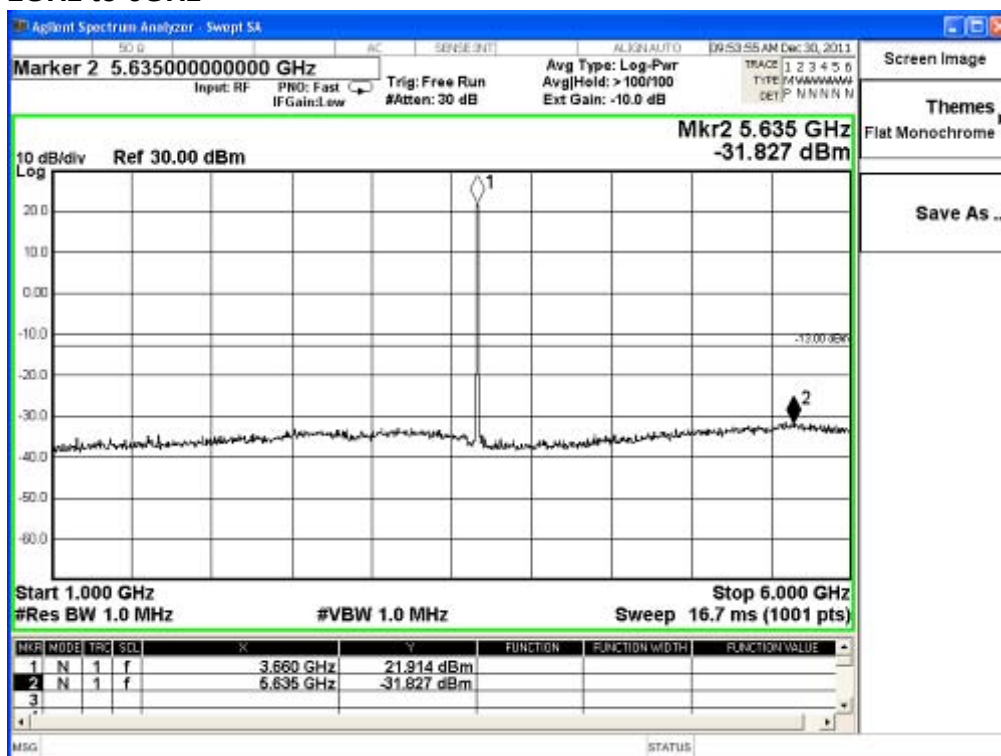


5MHz\_3662.5MHz\_QPSK1/2

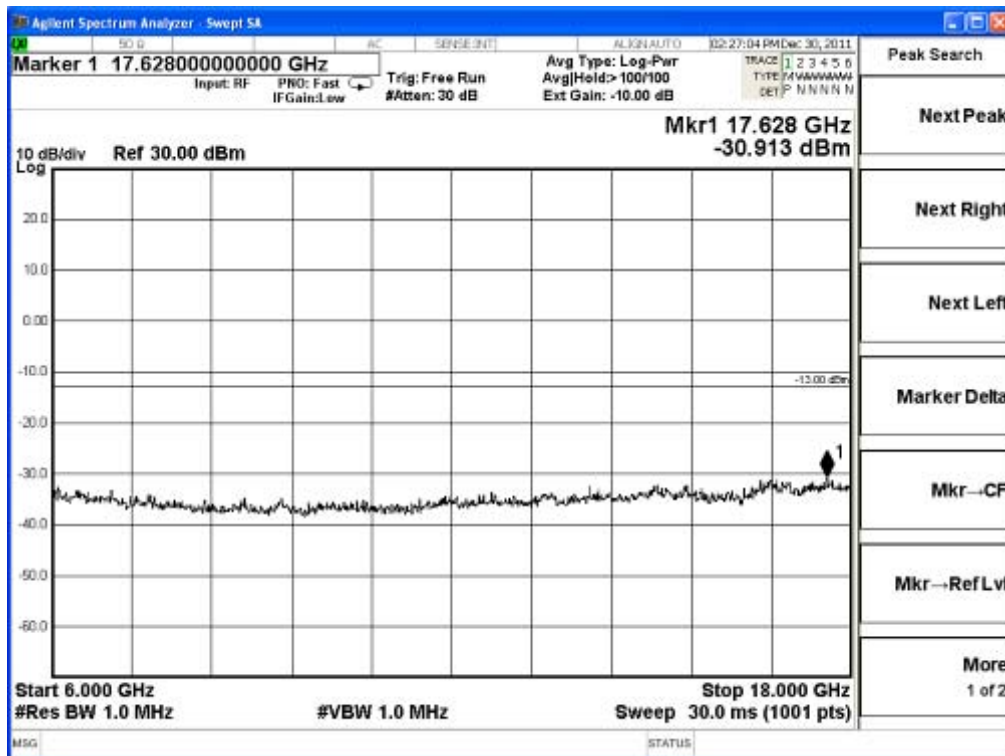
30MHz to 1GHz



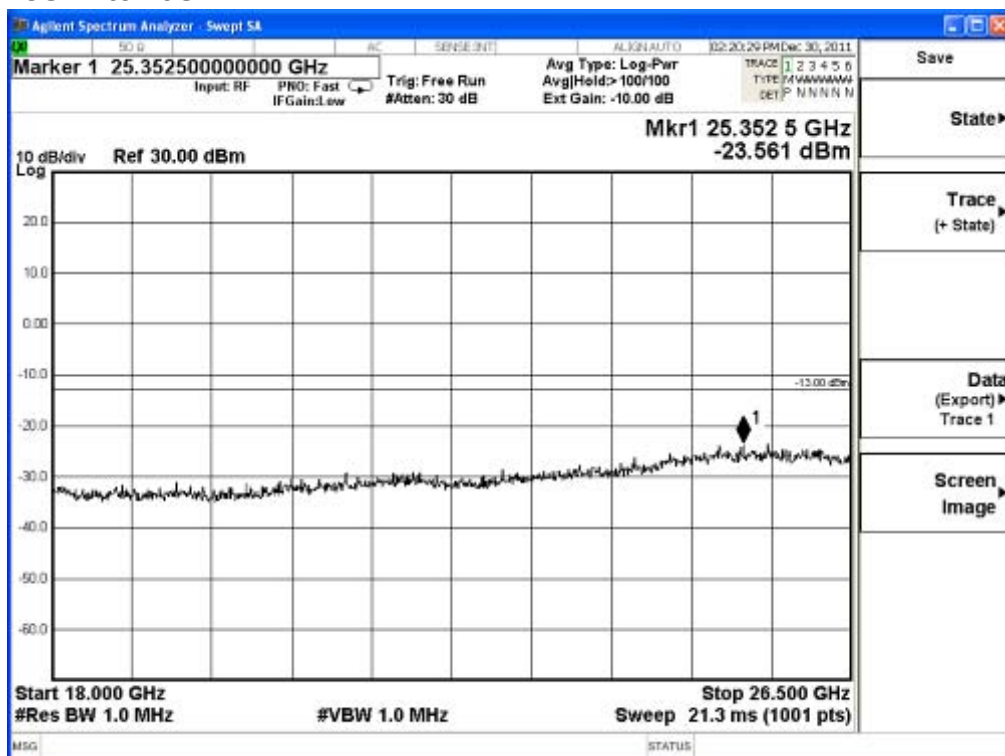
1GHz to 6GHz



## 6GHz to 18GHz

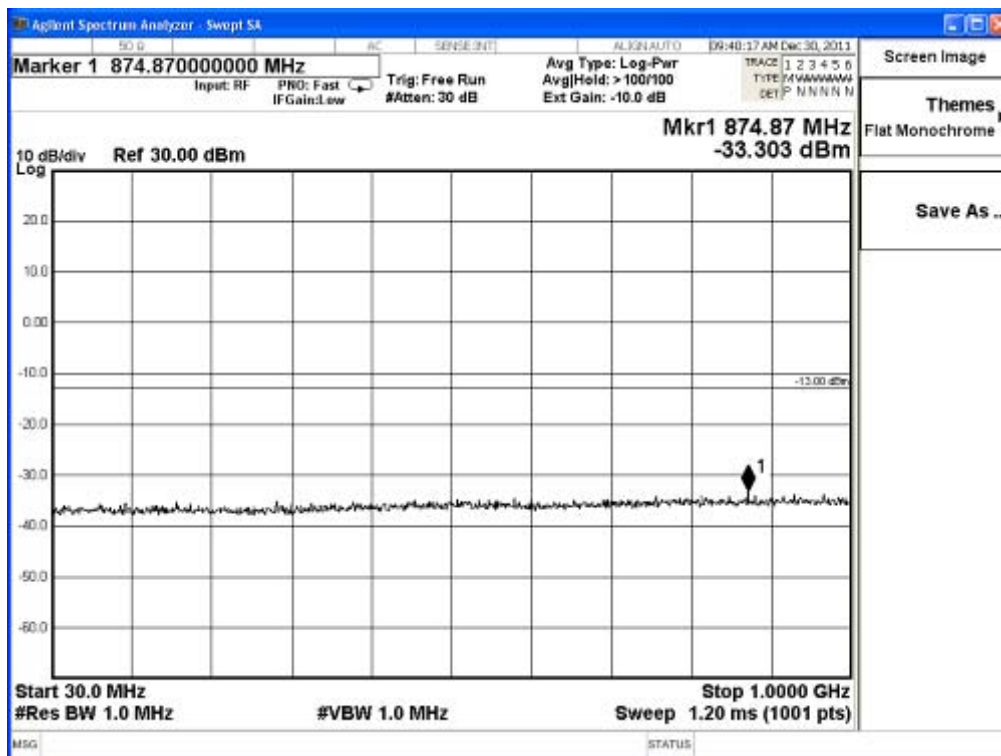


## 18GHz to 26GHz

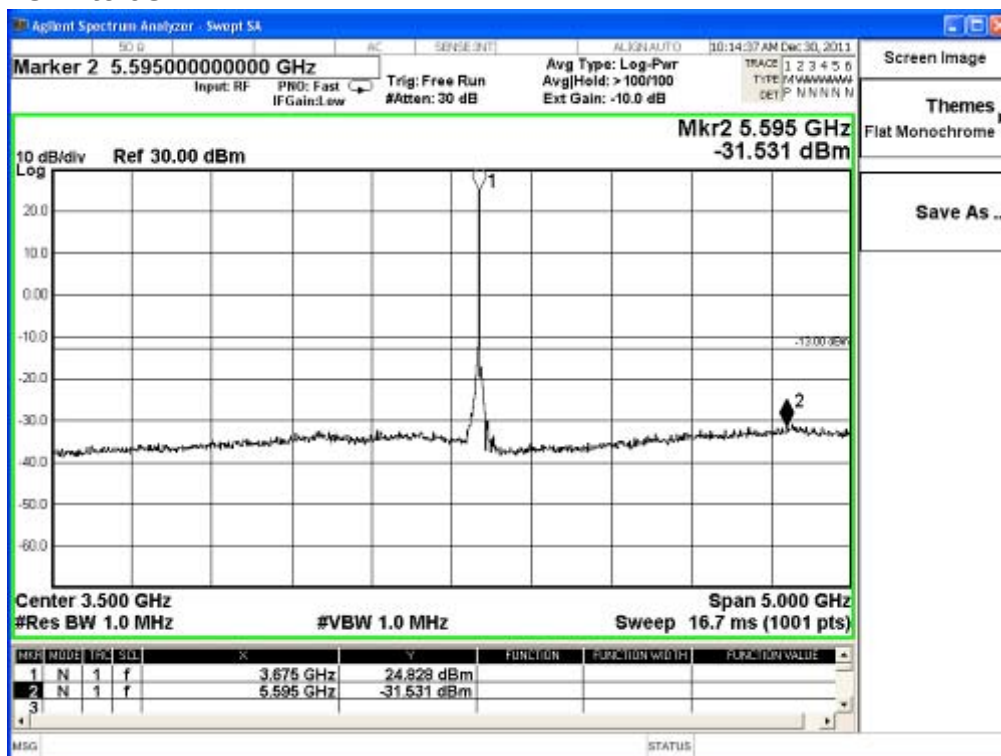


5MHz\_3672.5MHz\_QPSK1/2

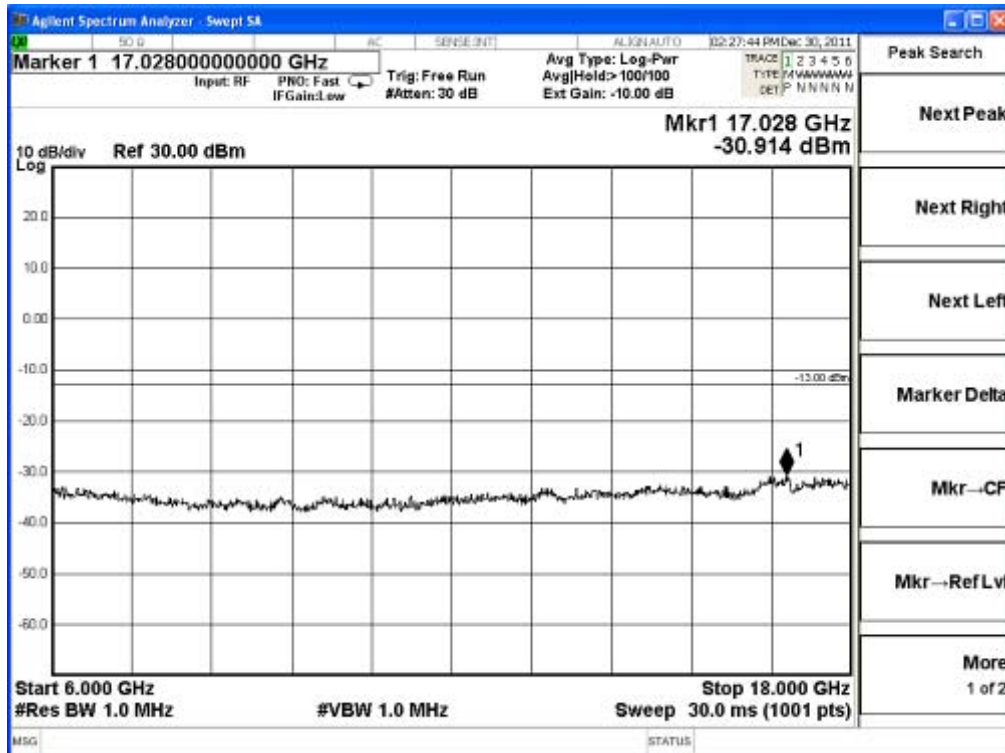
30MHz to 1GHz



1GHz to 6GHz



## 6GHz to 18GHz



## 18GHz to 26GHz

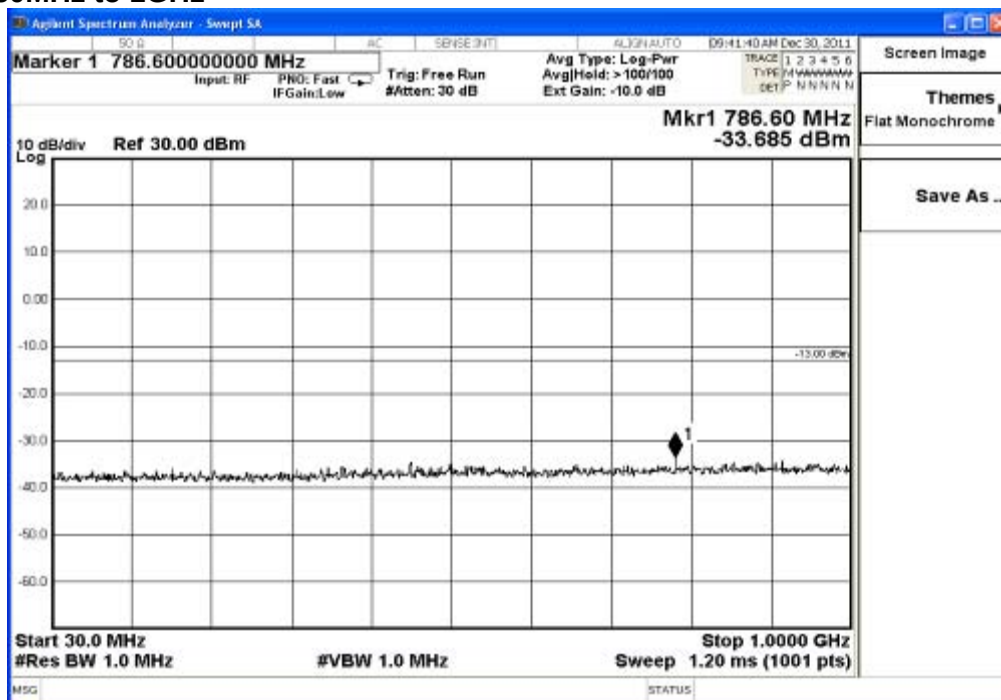


|              |                                     |           |     |
|--------------|-------------------------------------|-----------|-----|
| Product      | CPE 3.65GHz Outdoor                 |           |     |
| Test Item    | Conducted Spurious Emission         |           |     |
| Test Mode    | Mode 2: Transmit (5MHz BW_16QAM1/2) |           |     |
| Date of Test | 2011/11/19                          | Test Site | SR7 |

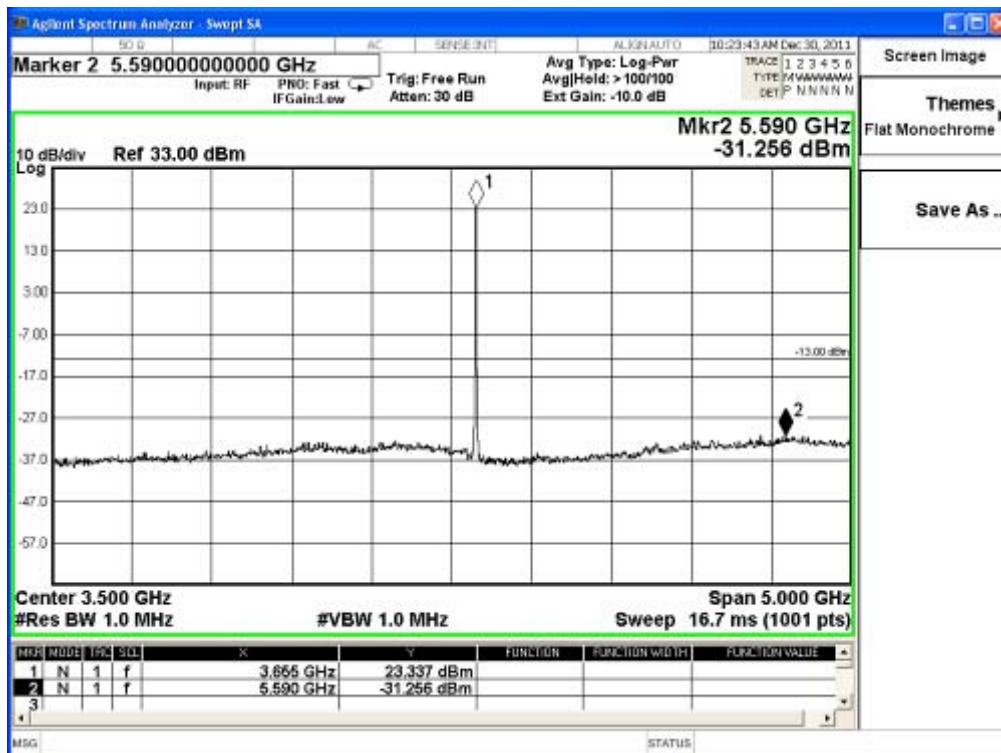
|                                  |                        |                             |                    |
|----------------------------------|------------------------|-----------------------------|--------------------|
| <b>Test Mode: 5MHz 16QAM</b>     |                        |                             |                    |
| <b>Test Frequency: 3652.5MHz</b> |                        |                             |                    |
| <b>Frequency Band (MHz)</b>      | <b>Frequency (MHz)</b> | <b>Measured Value (dBm)</b> | <b>Limit (dBm)</b> |
| 30-1000                          | 786.60                 | -33.685                     | $\leq -13$         |
| 1000-6000                        | 5590.00                | -31.256                     | $\leq -13$         |
| 6000-18000                       | 17856.00               | -31.318                     | $\leq -13$         |
| 18000-26500                      | 25386.50               | -22.660                     | $\leq -13$         |
|                                  |                        |                             |                    |
| <b>Test Frequency: 3662.5MHz</b> |                        |                             |                    |
| <b>Frequency Band (MHz)</b>      | <b>Frequency (MHz)</b> | <b>Measured Value (dBm)</b> | <b>Limit (dBm)</b> |
| 30-1000                          | 721.61                 | -35.148                     | $\leq -13$         |
| 1000-6000                        | 5640.00                | -29.877                     | $\leq -13$         |
| 6000-18000                       | 16728.00               | -30.447                     | $\leq -13$         |
| 18000-26500                      | 26466.00               | -24.417                     | $\leq -13$         |
|                                  |                        |                             |                    |
| <b>Test Frequency: 3672.5MHz</b> |                        |                             |                    |
| <b>Frequency Band (MHz)</b>      | <b>Frequency (MHz)</b> | <b>Measured Value (dBm)</b> | <b>Limit (dBm)</b> |
| 30-1000                          | 907.85                 | -34.310                     | $\leq -13$         |
| 1000-6000                        | 5625.00                | -31.075                     | $\leq -13$         |
| 6000-18000                       | 17076.00               | -31.587                     | $\leq -13$         |
| 18000-26500                      | 25879.50               | -24.026                     | $\leq -13$         |

5MHz\_3652.5MHz\_16QAM1/2

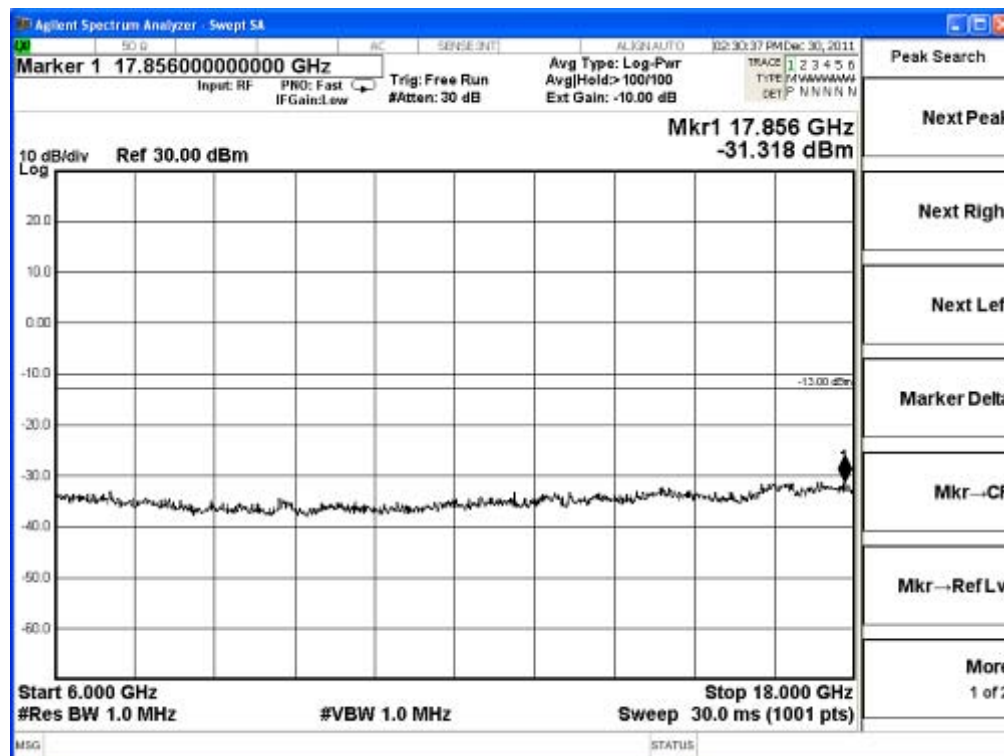
30MHz to 1GHz



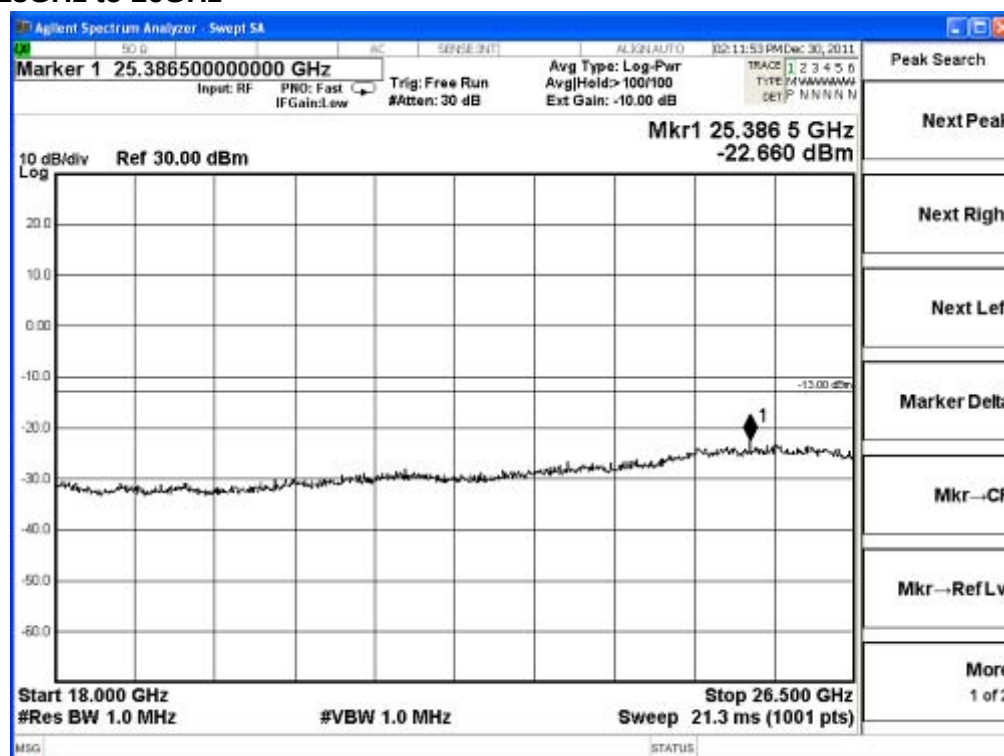
1GHz to 6GHz



### 6GHz to 18GHz

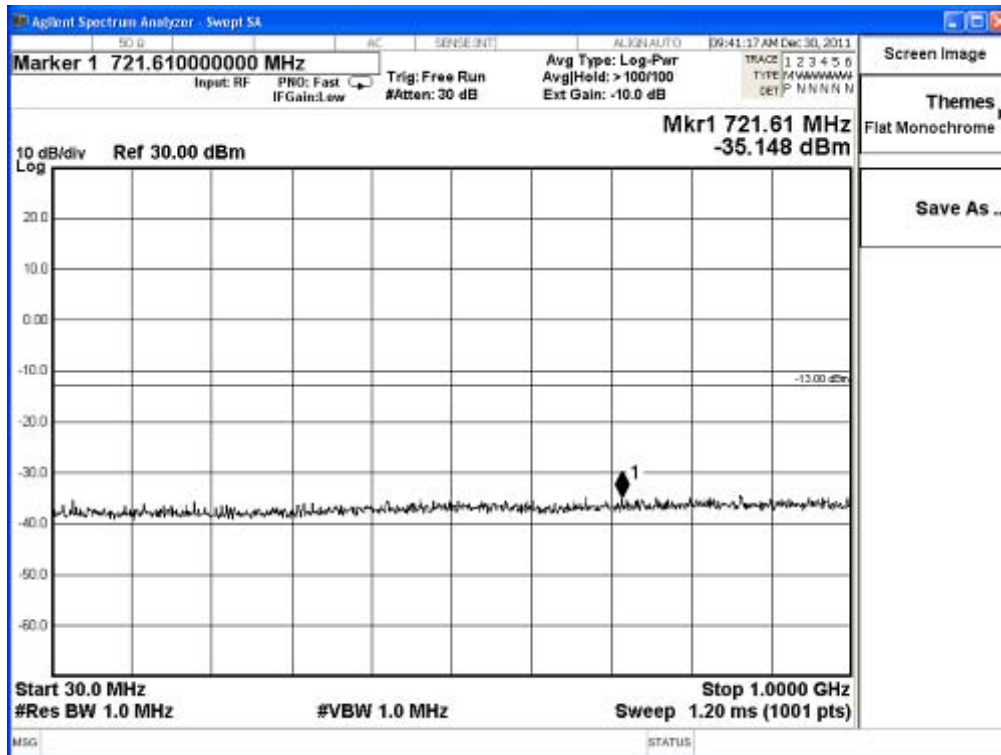


### 18GHz to 26GHz

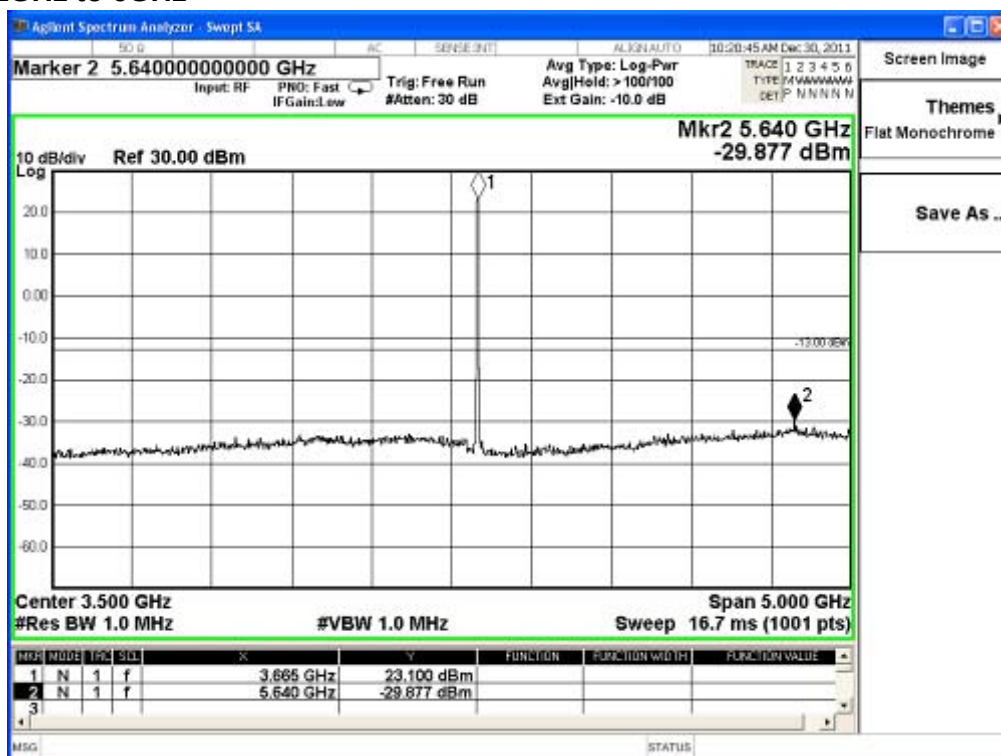


5MHz\_3662.5MHz\_16QAM1/2

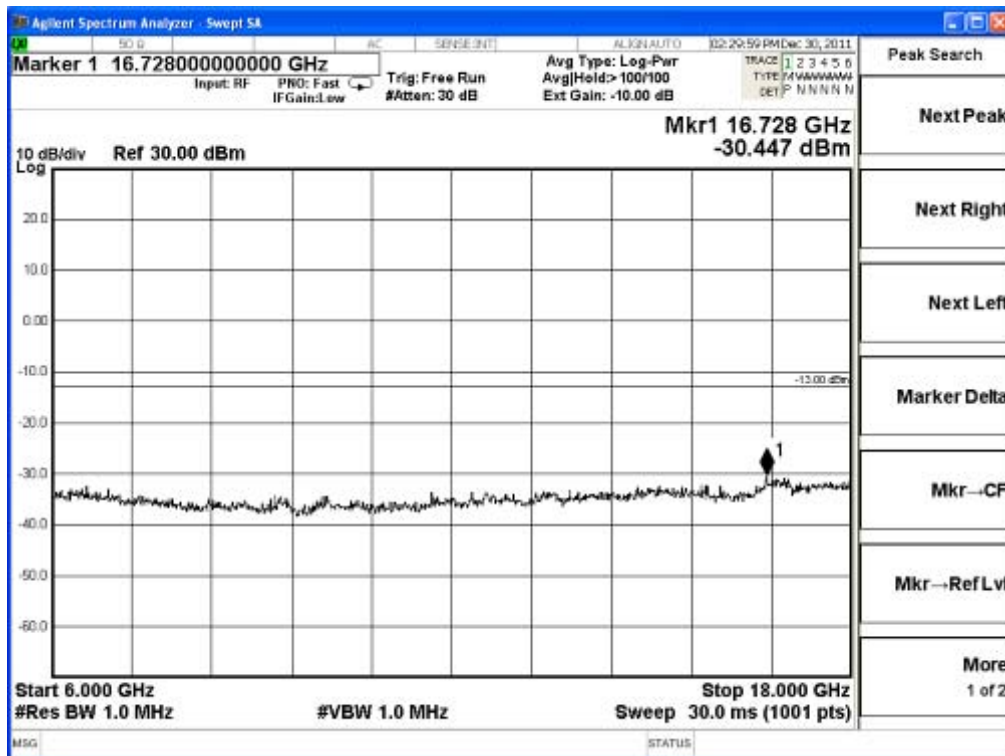
30MHz to 1GHz



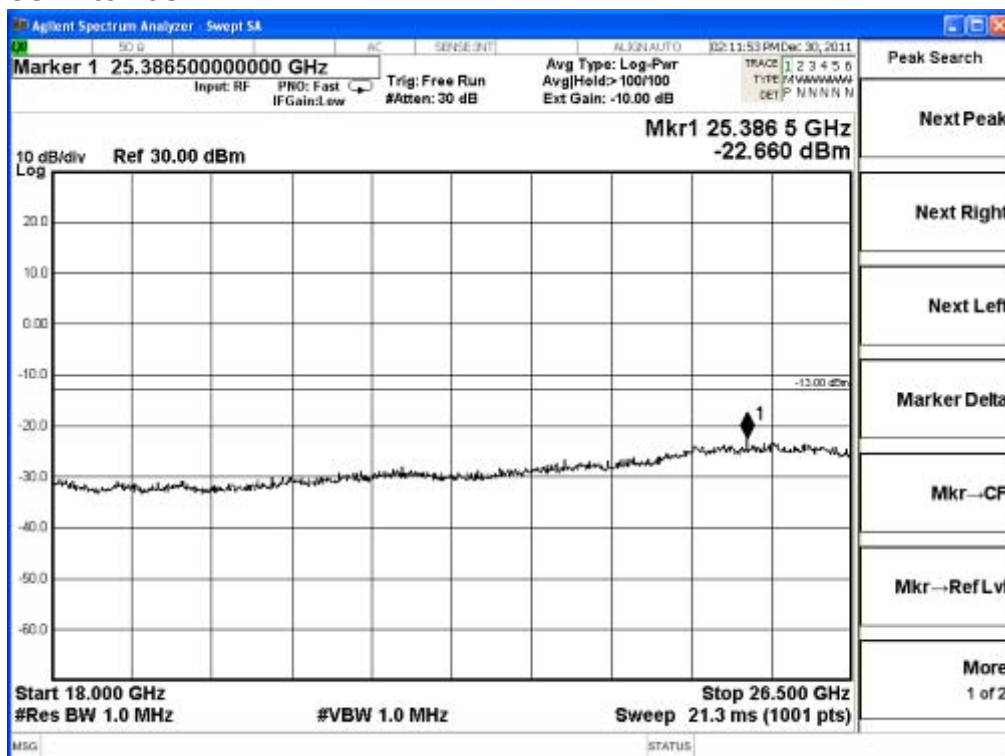
1GHz to 6GHz



### 6GHz to 18GHz

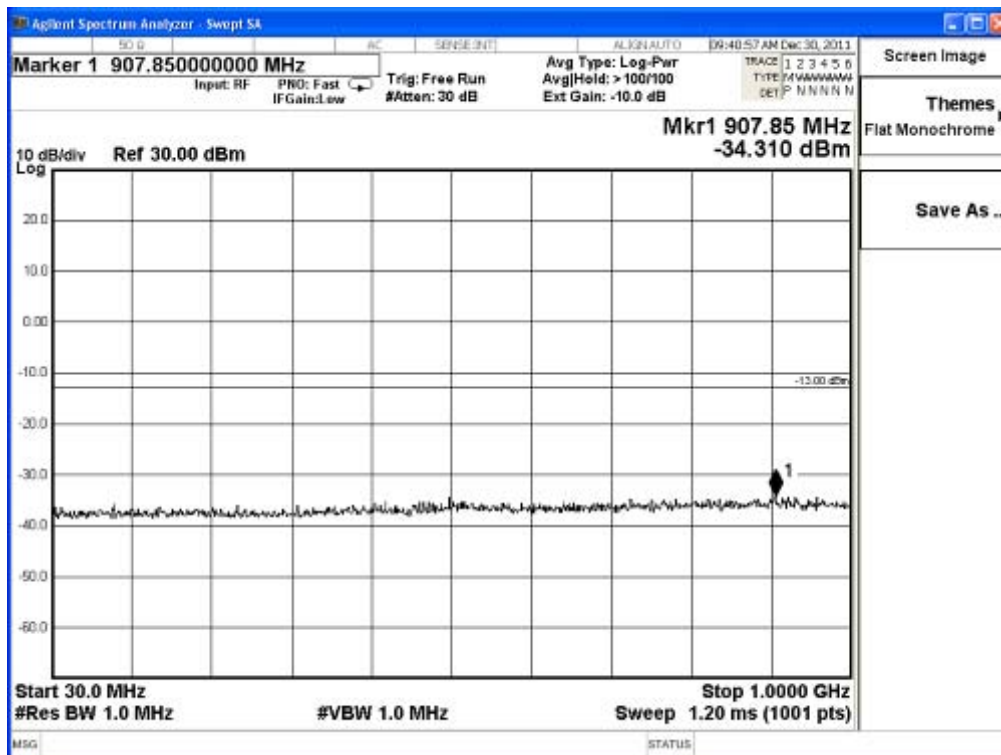


### 18GHz to 26GHz

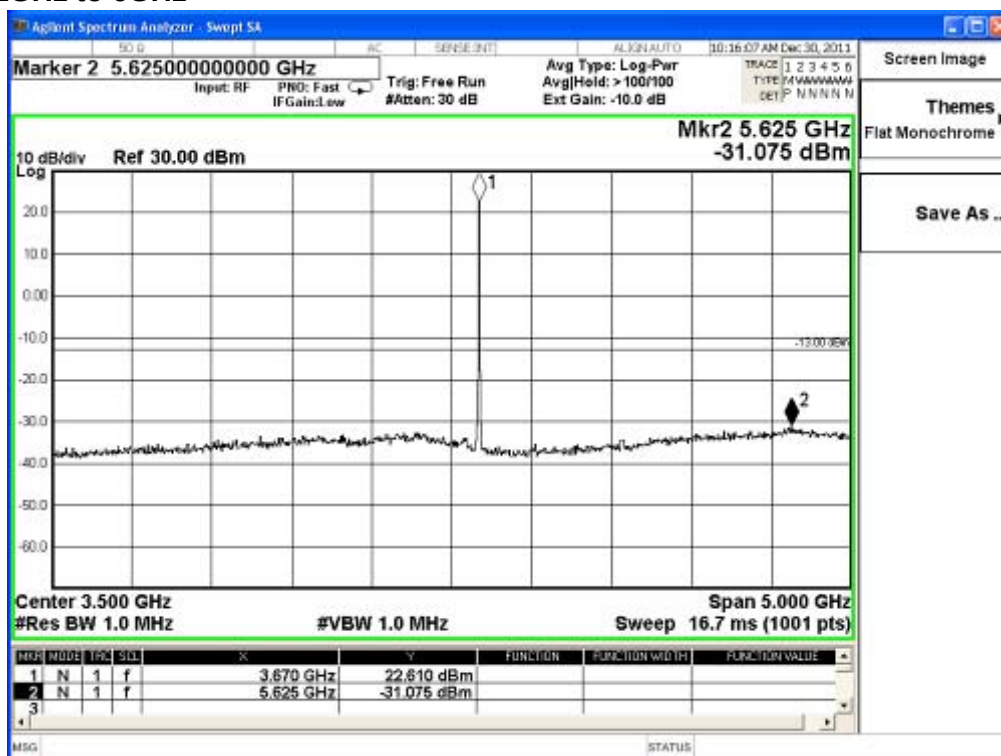


5MHz\_3672.5MHz\_16QAM1/2

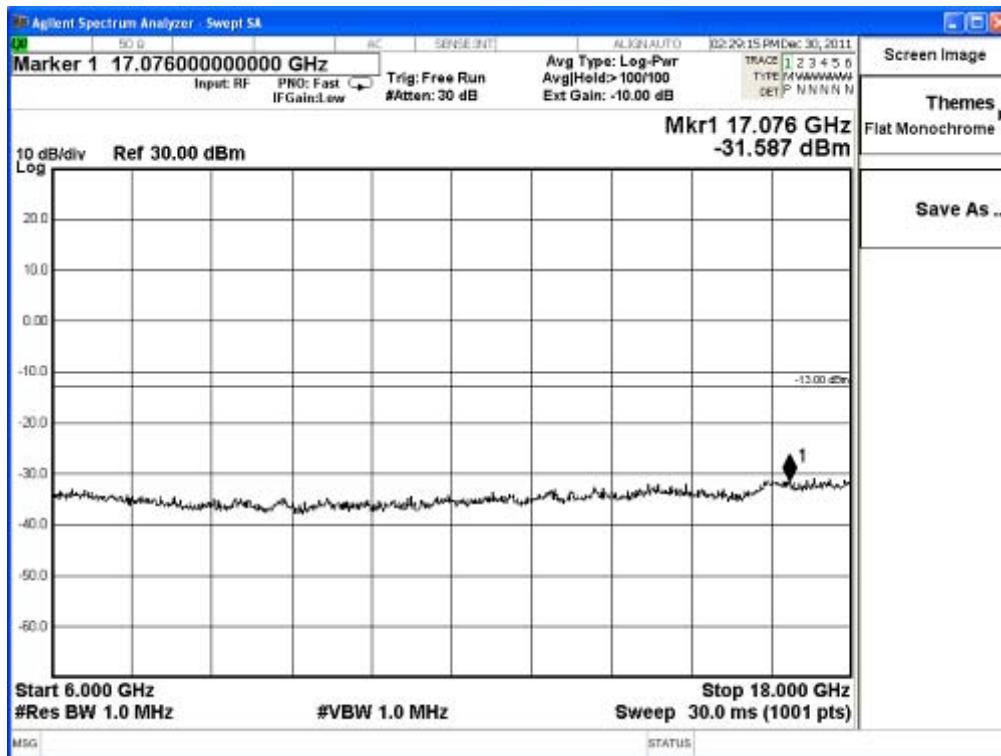
30MHz to 1GHz



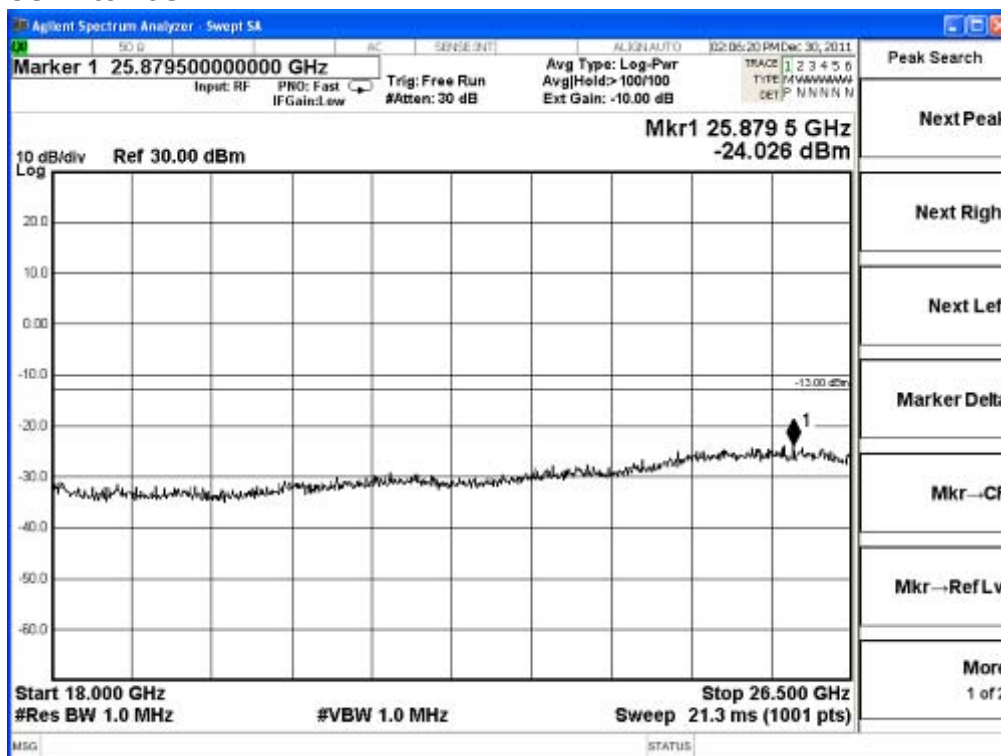
1GHz to 6GHz



## 6GHz to 18GHz



## 18GHz to 26GHz

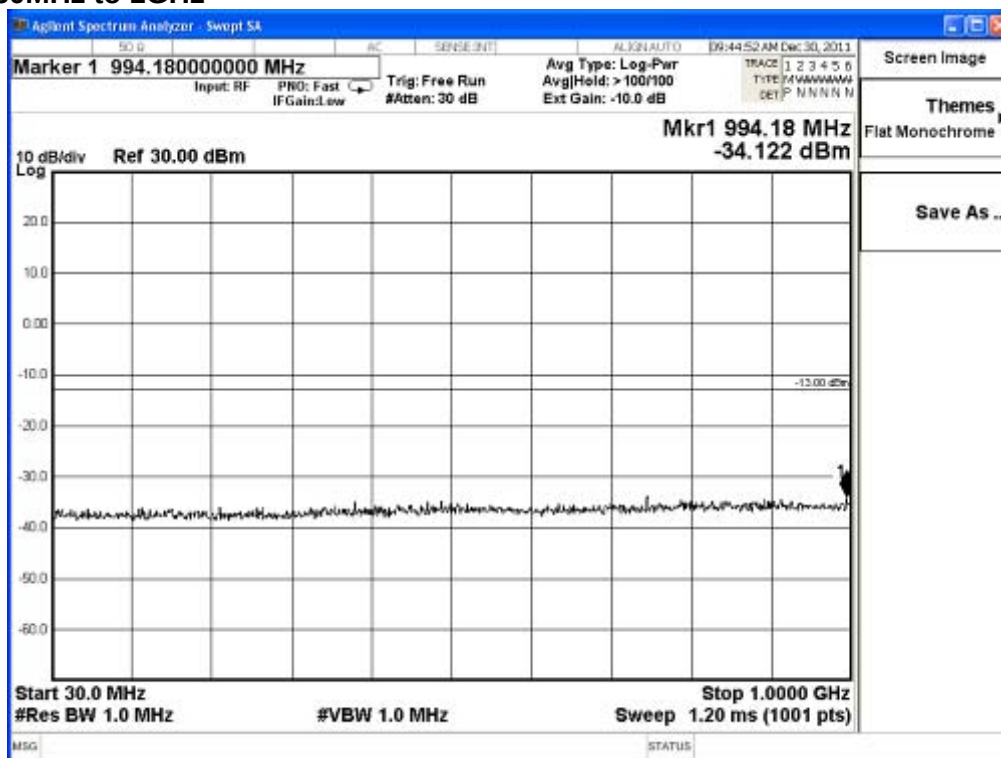


|              |                                     |           |     |
|--------------|-------------------------------------|-----------|-----|
| Product      | CPE 3.65GHz Outdoor                 |           |     |
| Test Item    | Conducted Spurious Emission         |           |     |
| Test Mode    | Mode 3: Transmit (5MHz BW_64QAM2/3) |           |     |
| Date of Test | 2011/11/19                          | Test Site | SR7 |

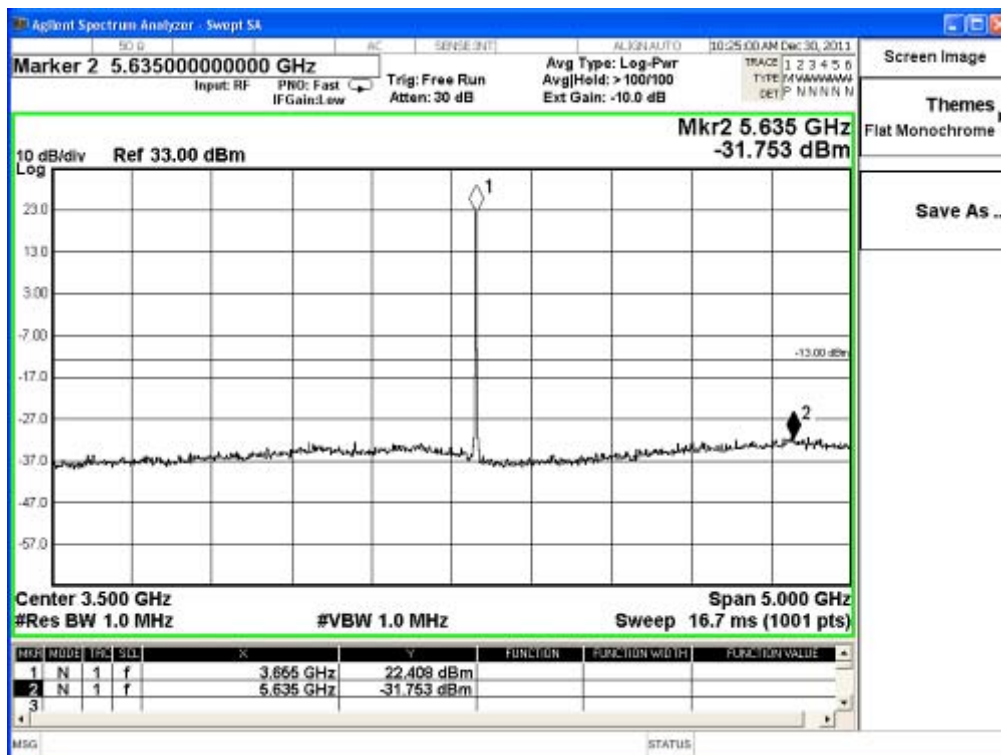
| <b>Test Mode: 5MHz 64QAM</b>     |                 |                      |             |
|----------------------------------|-----------------|----------------------|-------------|
| <b>Test Frequency: 3652.5MHz</b> |                 |                      |             |
| Frequency Band (MHz)             | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
| 30-1000                          | 994.18          | -34.122              | $\leq -13$  |
| 1000-6000                        | 5635.00         | -31.753              | $\leq -13$  |
| 6000-18000                       | 16836.00        | -31.132              | $\leq -13$  |
| 18000-26500                      | 25454.50        | -23.966              | $\leq -13$  |
|                                  |                 |                      |             |
| <b>Test Frequency: 3662.5MHz</b> |                 |                      |             |
| Frequency Band (MHz)             | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
| 30-1000                          | 894.27          | -34.233              | $\leq -13$  |
| 1000-6000                        | 2755.00         | -31.647              | $\leq -13$  |
| 6000-18000                       | 17592.00        | -31.432              | $\leq -13$  |
| 18000-26500                      | 25973.00        | -24.150              | $\leq -13$  |
|                                  |                 |                      |             |
| <b>Test Frequency: 3672.5MHz</b> |                 |                      |             |
| Frequency Band (MHz)             | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
| 30-1000                          | 918.52          | -34.795              | $\leq -13$  |
| 1000-6000                        | 5635.00         | -31.590              | $\leq -13$  |
| 6000-18000                       | 17640.00        | -31.027              | $\leq -13$  |
| 18000-26500                      | 25658.50        | -22.894              | $\leq -13$  |

5MHz\_3652.5MHz\_64QAM2/3

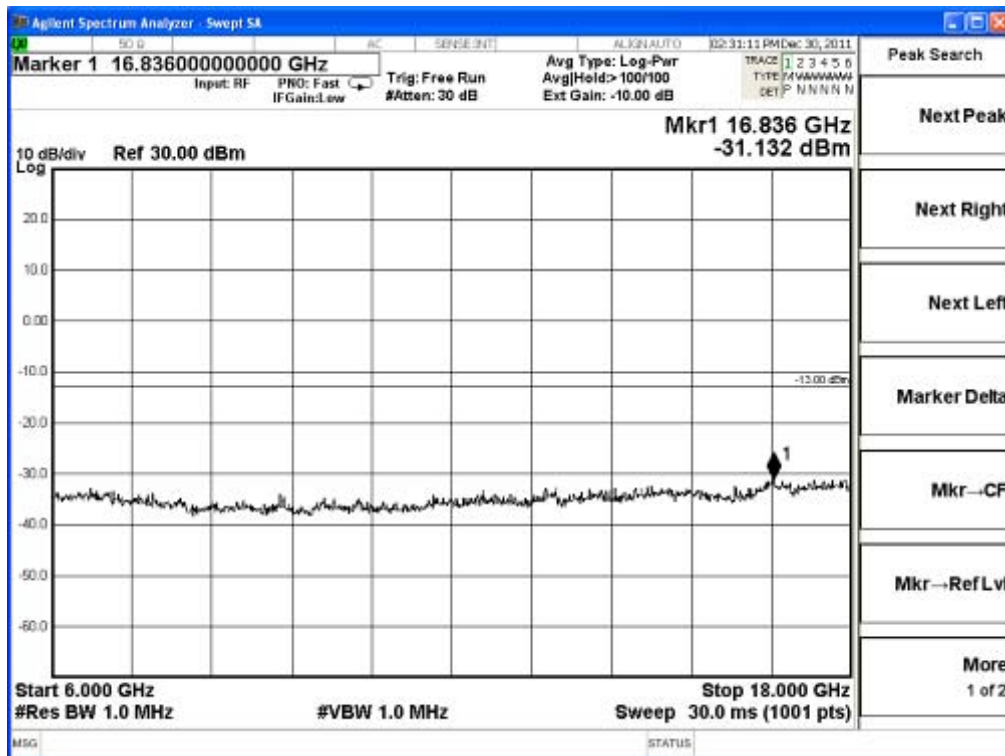
30MHz to 1GHz



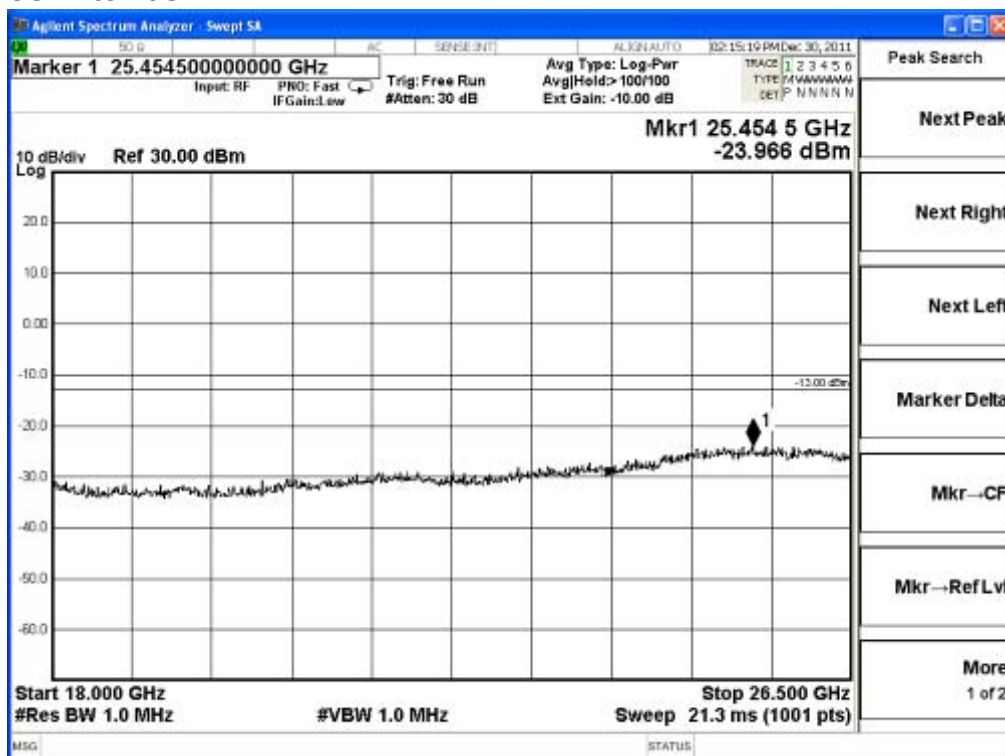
1GHz to 6GHz



### 6GHz to 18GHz

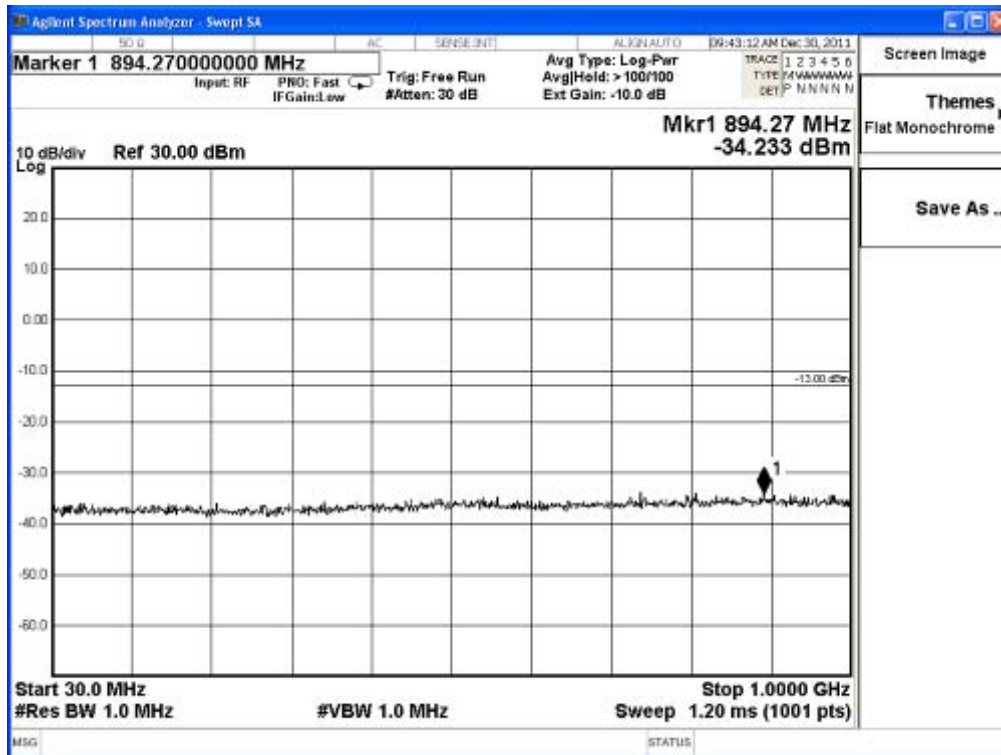


### 18GHz to 26GHz

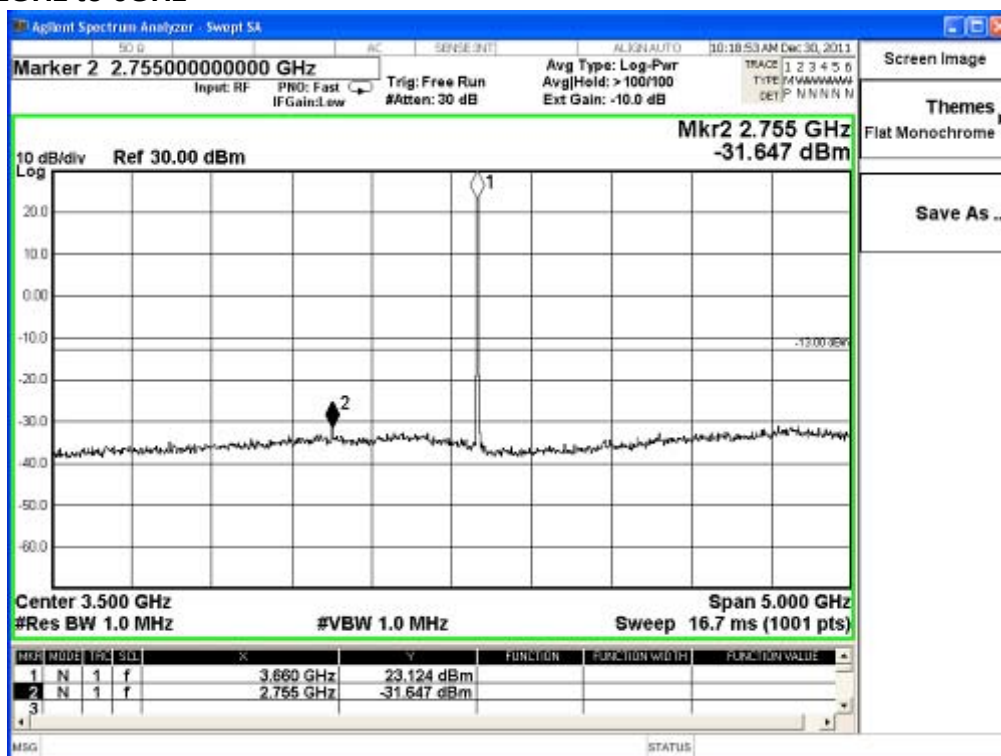


5MHz\_3662.5MHz\_64QAM2/3

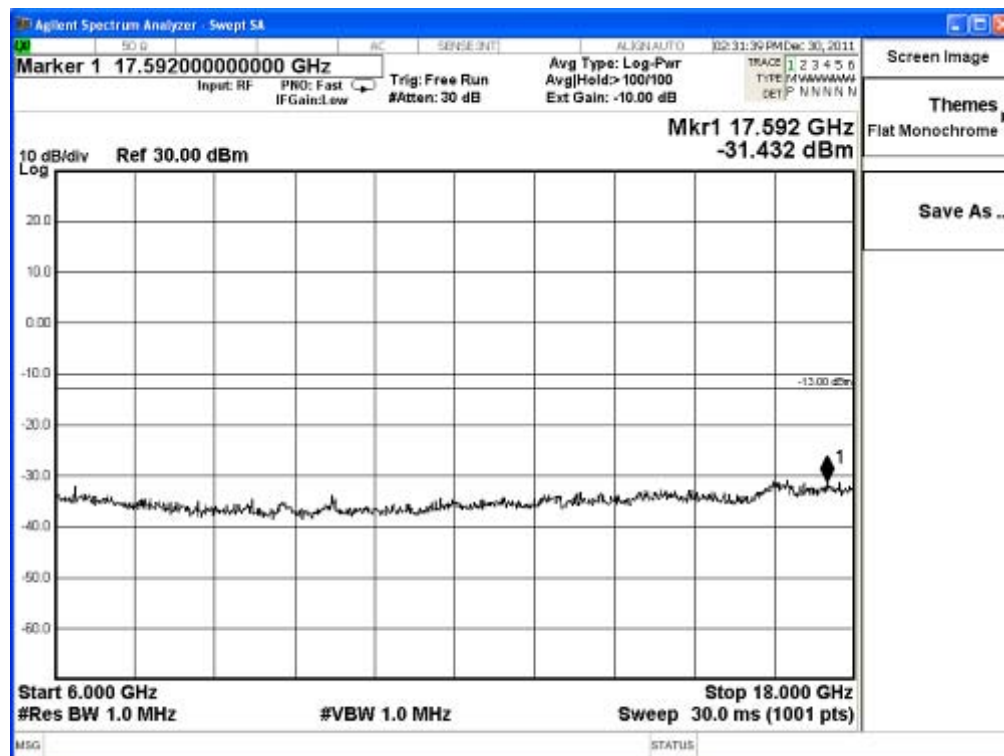
30MHz to 1GHz



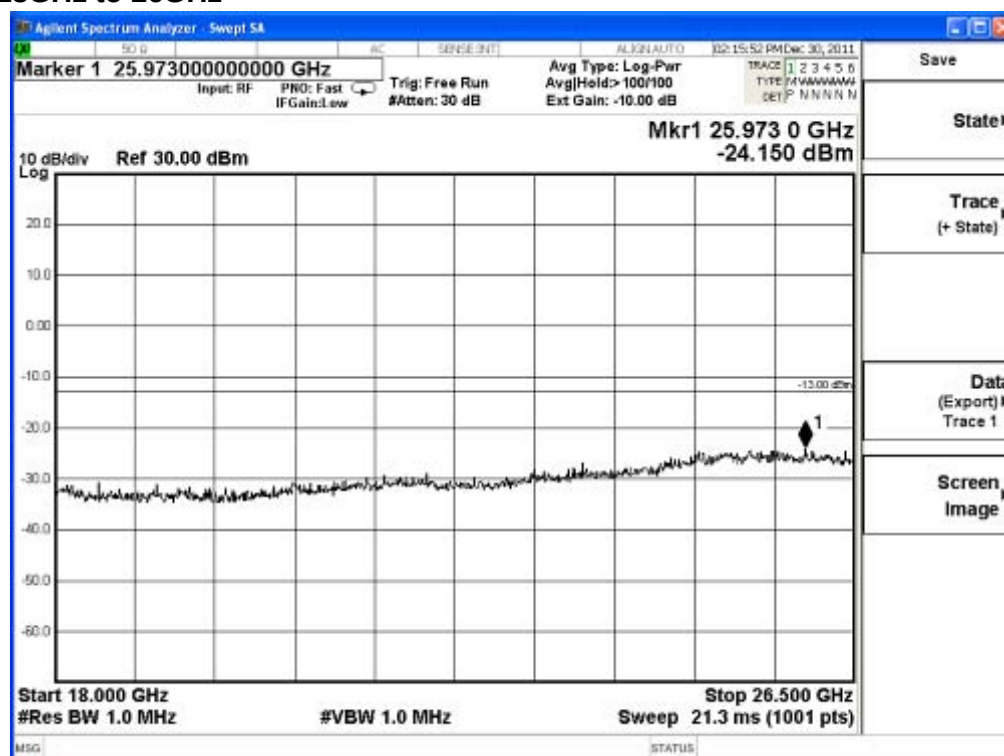
1GHz to 6GHz



## 6GHz to 18GHz

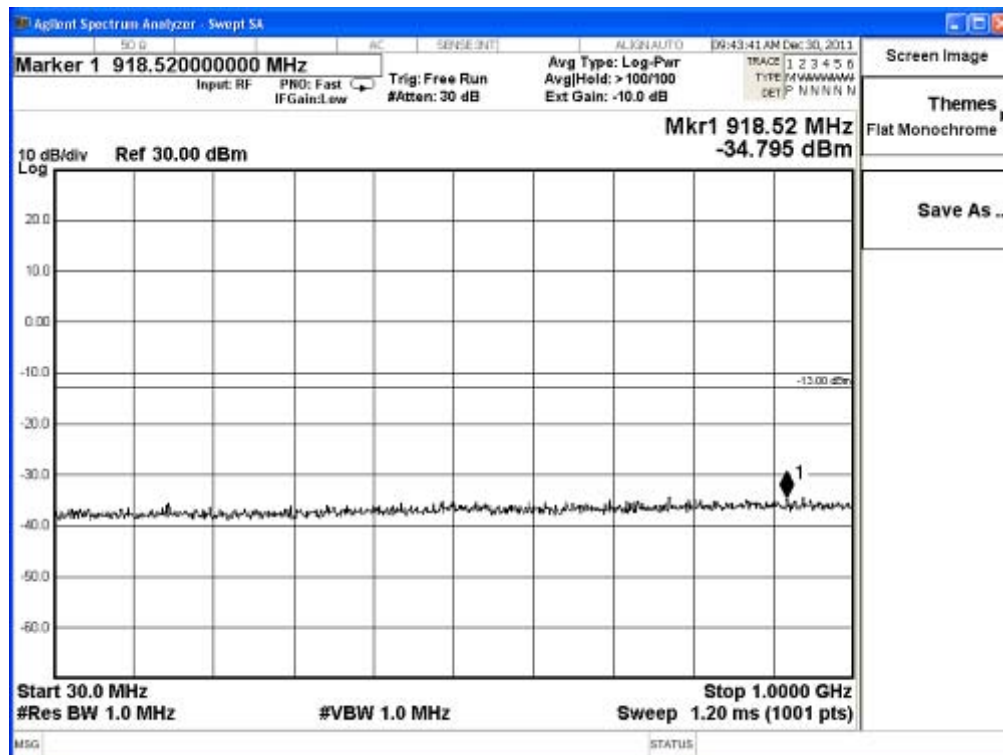


## 18GHz to 26GHz

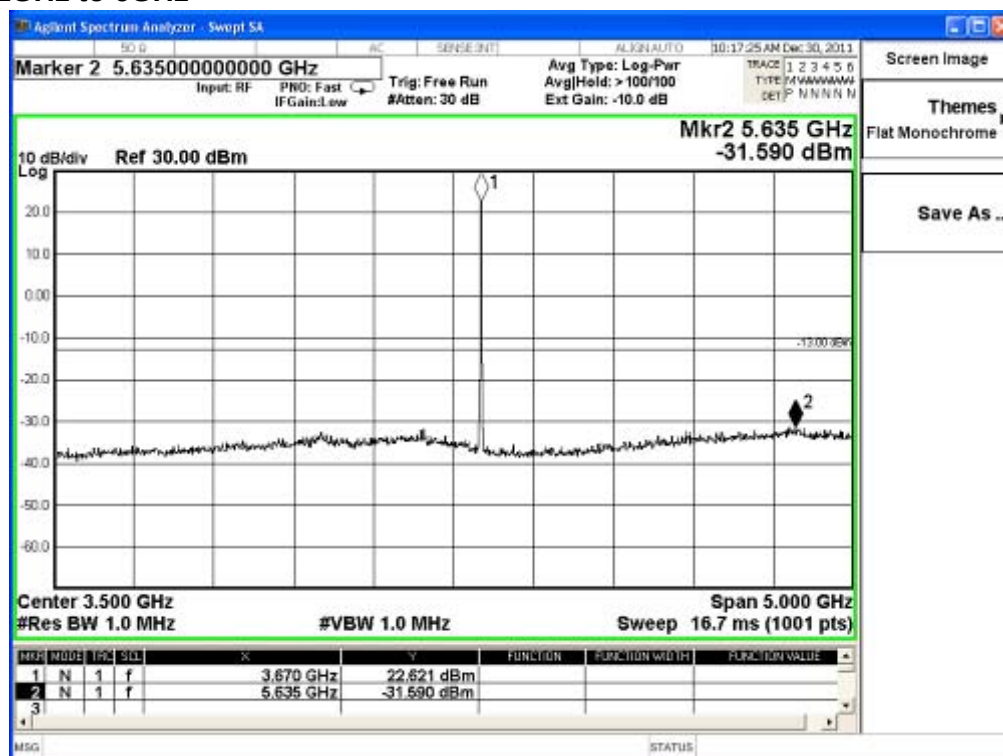


5MHz\_3672.5MHz\_64QAM2/3

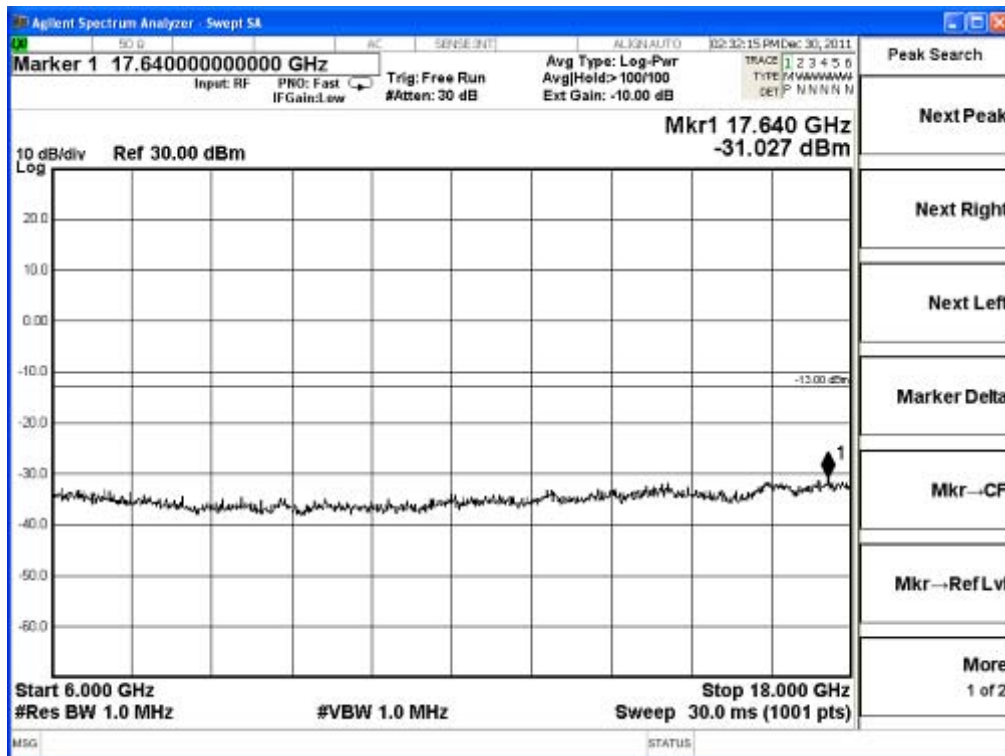
30MHz to 1GHz



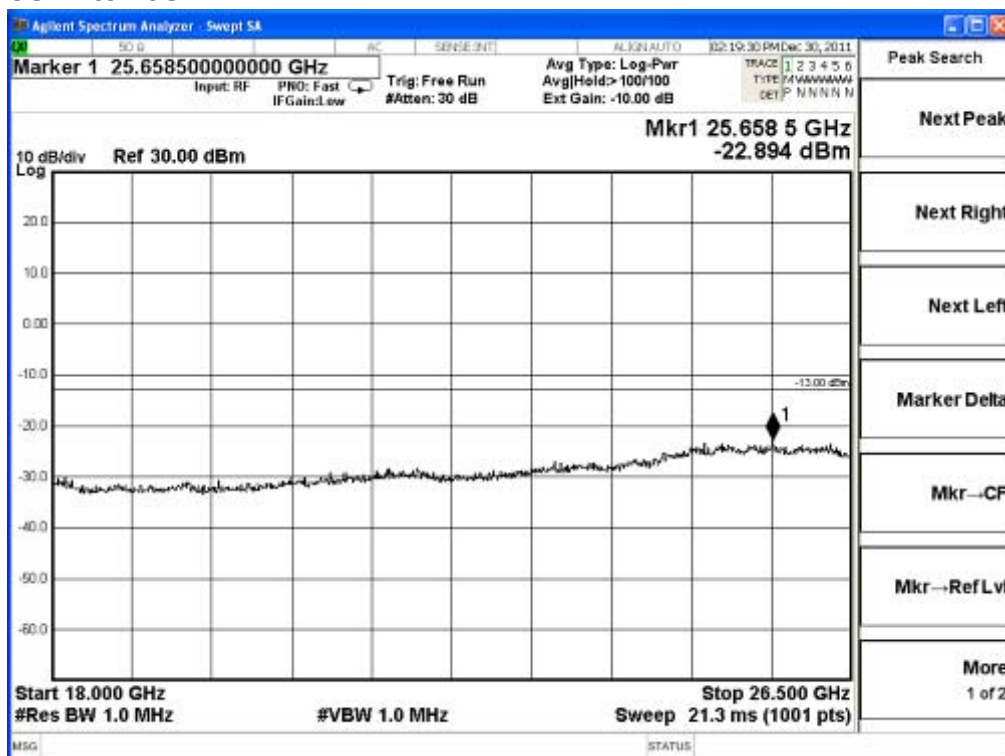
1GHz to 6GHz



### 6GHz to 18GHz



### 18GHz to 26GHz

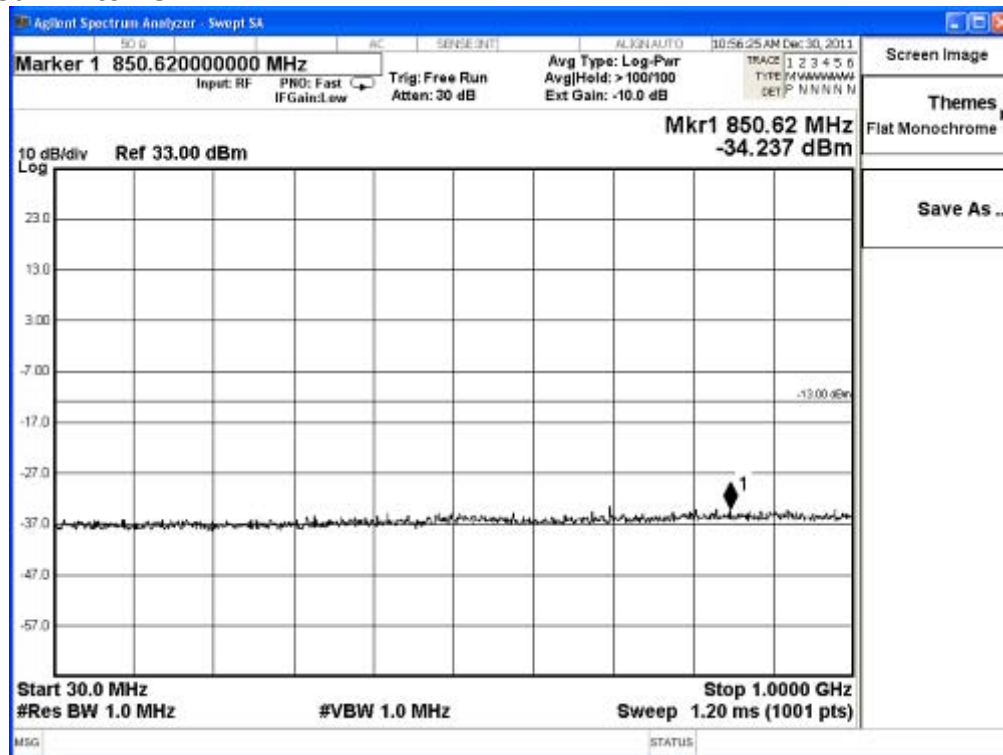


|              |                                    |           |     |
|--------------|------------------------------------|-----------|-----|
| Product      | CPE 3.65GHz Outdoor                |           |     |
| Test Item    | Conducted Spurious Emission        |           |     |
| Test Mode    | Mode 4: Transmit (7MHz BW_QPSK1/2) |           |     |
| Date of Test | 2011/11/19                         | Test Site | SR7 |

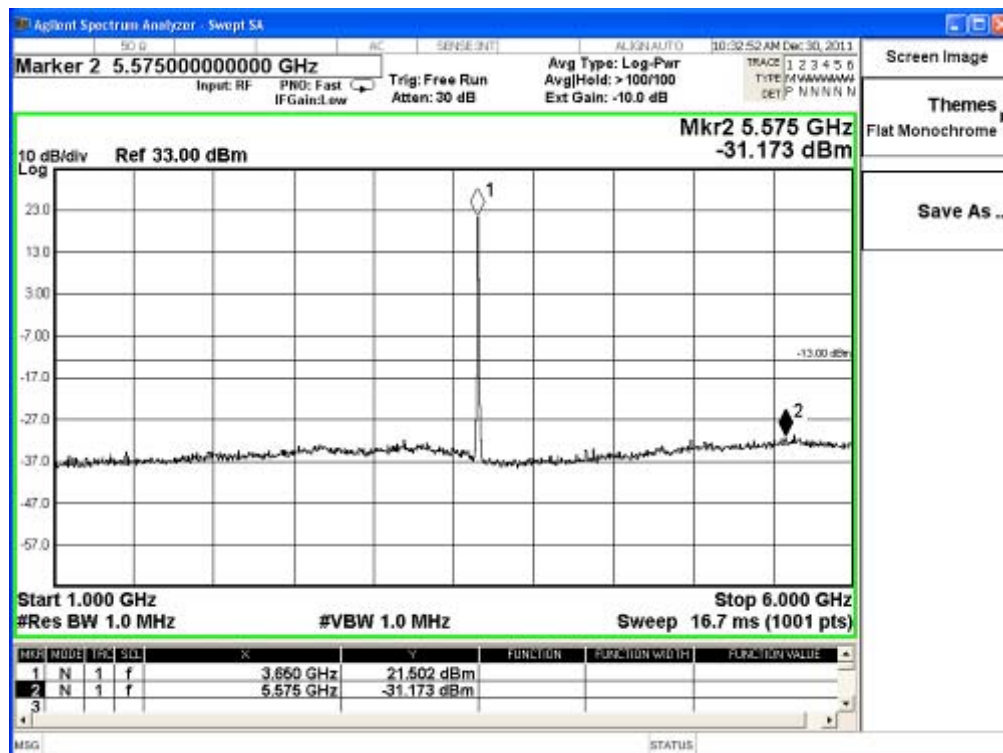
|                                  |                        |                             |                    |
|----------------------------------|------------------------|-----------------------------|--------------------|
| <b>Test Mode: 7MHz QPSK</b>      |                        |                             |                    |
| <b>Test Frequency: 3653.5MHz</b> |                        |                             |                    |
| <b>Frequency Band (MHz)</b>      | <b>Frequency (MHz)</b> | <b>Measured Value (dBm)</b> | <b>Limit (dBm)</b> |
| 30-1000                          | 850.62                 | -34.237                     | $\leq -13$         |
| 1000-6000                        | 5575.00                | -31.173                     | $\leq -13$         |
| 6000-18000                       | 17472.00               | -30.451                     | $\leq -13$         |
| 18000-26500                      | 256500                 | -23.661                     | $\leq -13$         |
|                                  |                        |                             |                    |
| <b>Test Frequency: 3662.5MHz</b> |                        |                             |                    |
| <b>Frequency Band (MHz)</b>      | <b>Frequency (MHz)</b> | <b>Measured Value (dBm)</b> | <b>Limit (dBm)</b> |
| 30-1000                          | 957.32                 | -34.050                     | $\leq -13$         |
| 1000-6000                        | 5790.00                | -30.179                     | $\leq -13$         |
| 6000-18000                       | 17916.00               | -31.555                     | $\leq -13$         |
| 18000-26500                      | 25726.50               | -24.518                     | $\leq -13$         |
|                                  |                        |                             |                    |
| <b>Test Frequency: 3671.5MHz</b> |                        |                             |                    |
| <b>Frequency Band (MHz)</b>      | <b>Frequency (MHz)</b> | <b>Measured Value (dBm)</b> | <b>Limit (dBm)</b> |
| 30-1000                          | 114.39                 | -34.357                     | $\leq -13$         |
| 1000-6000                        | 5625.00                | -31.473                     | $\leq -13$         |
| 6000-18000                       | 16944.00               | -29.901                     | $\leq -13$         |
| 18000-26500                      | 25641.50               | -24.307                     | $\leq -13$         |

7MHz\_3653.5MHz\_QPSK1/2

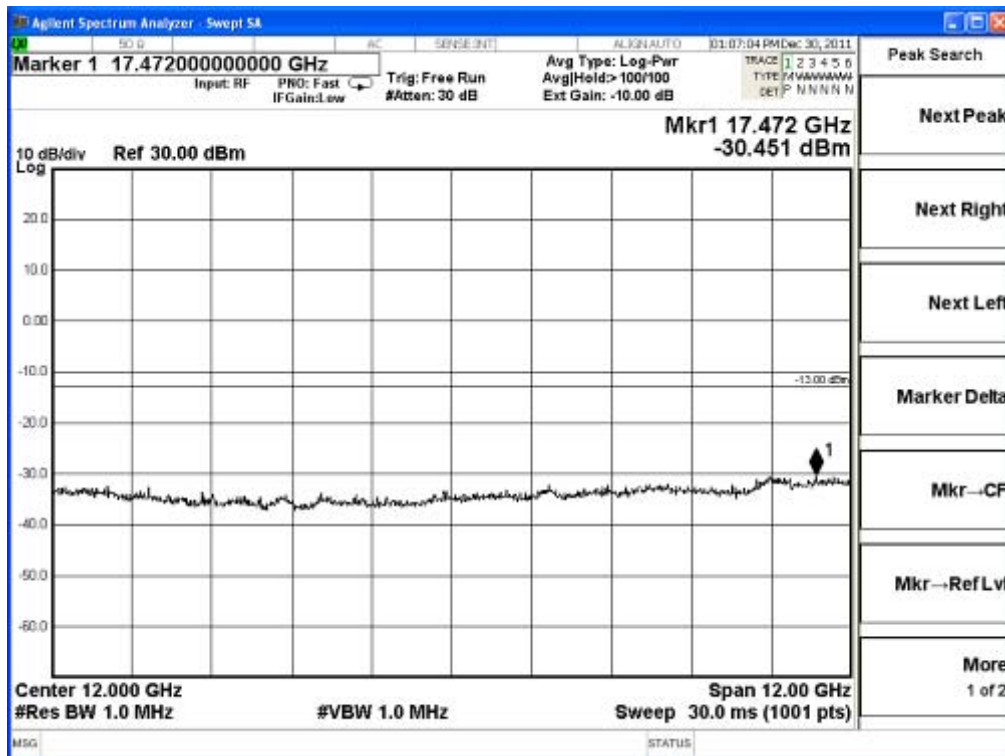
30MHz to 1GHz



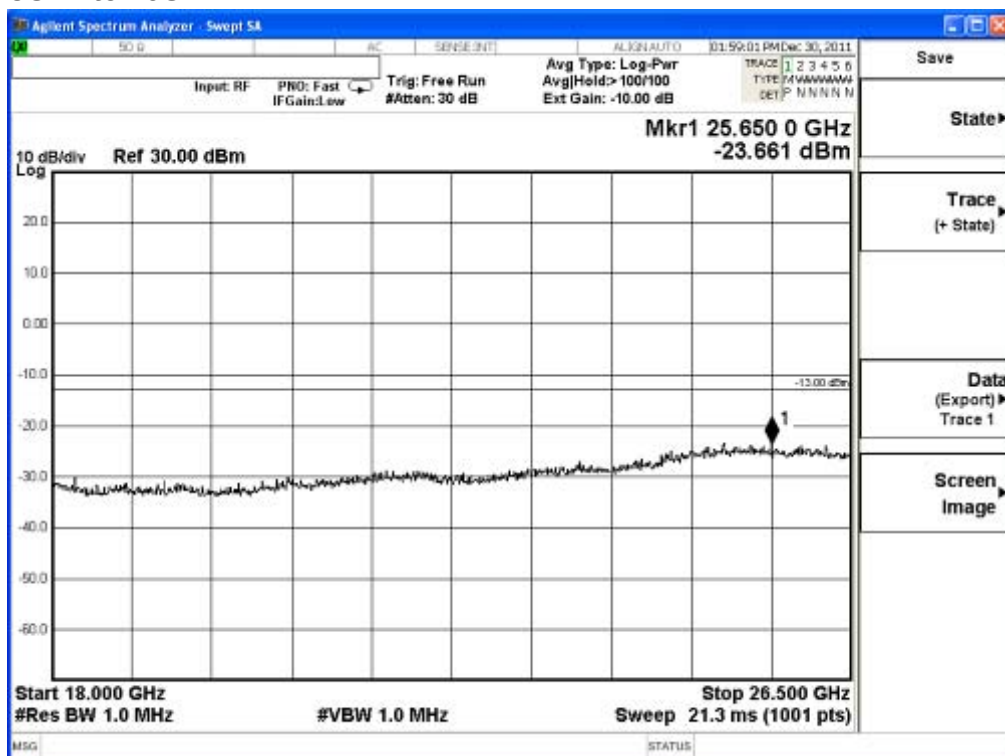
1GHz to 6GHz



## 6GHz to 18GHz

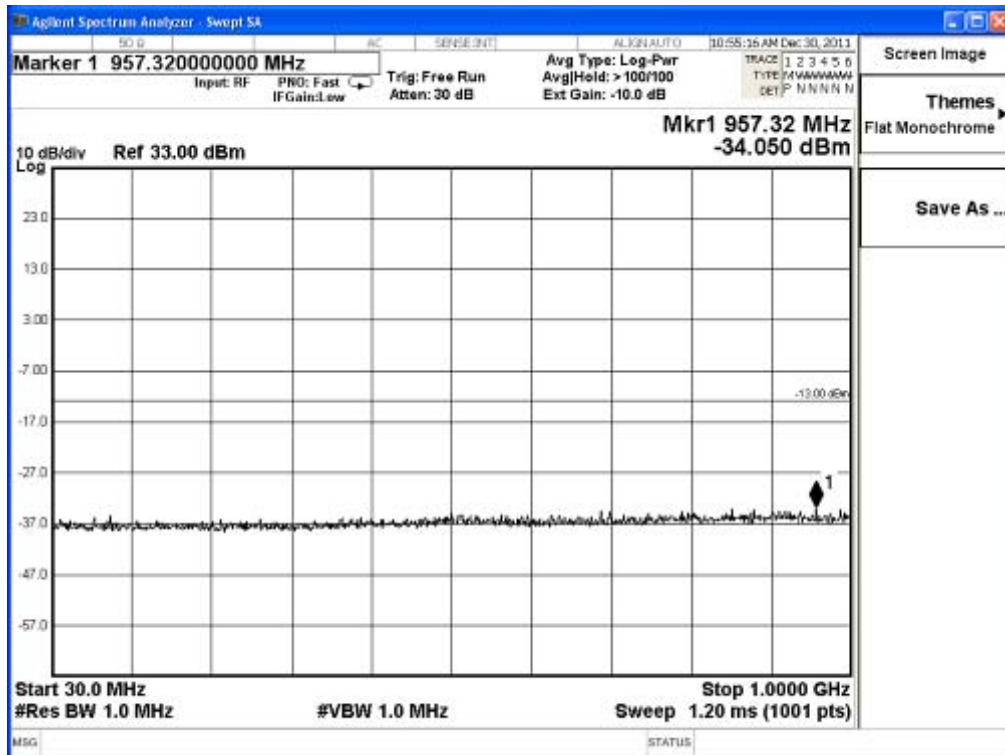


## 18GHz to 26GHz

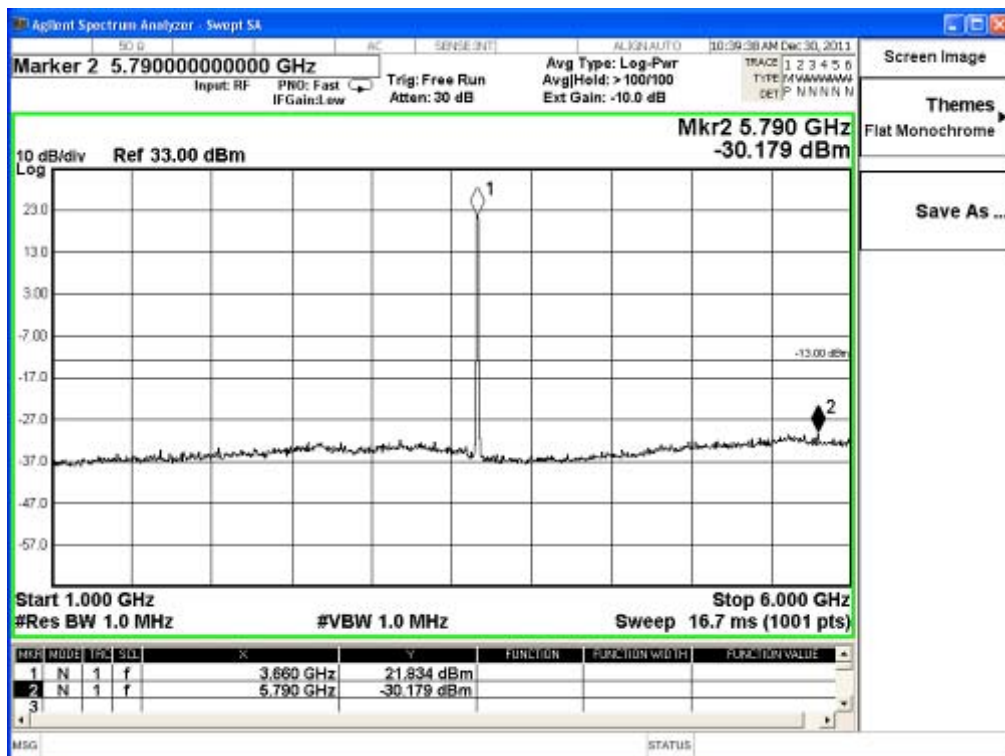


7MHz\_3662.5MHz\_QPSK1/2

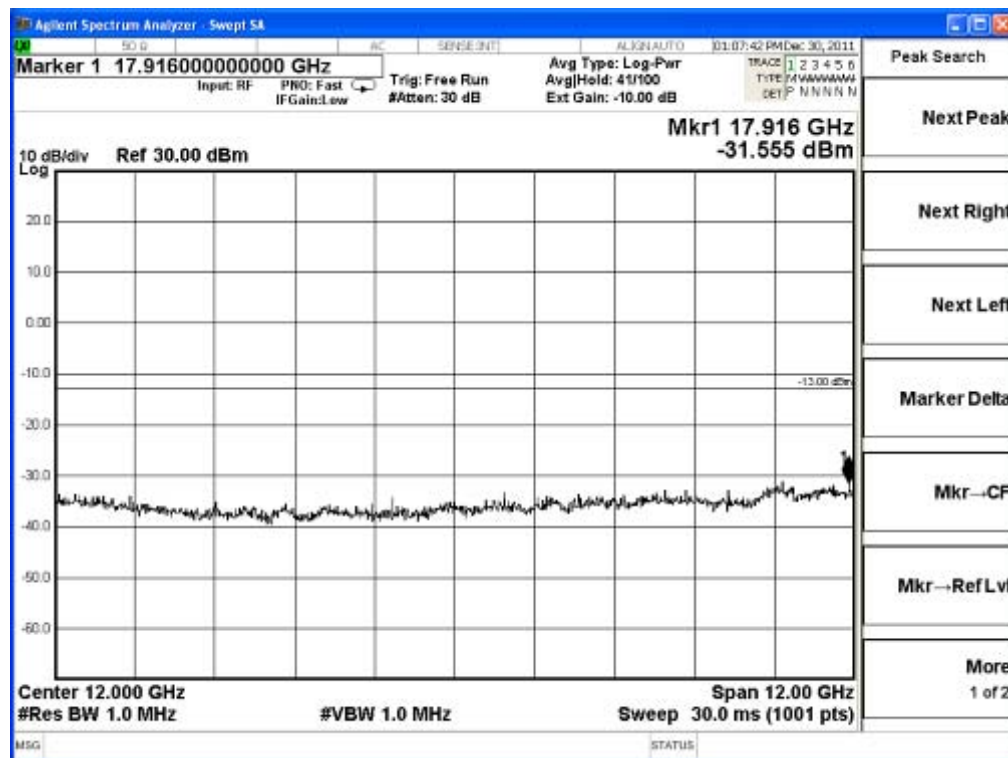
30MHz to 1GHz



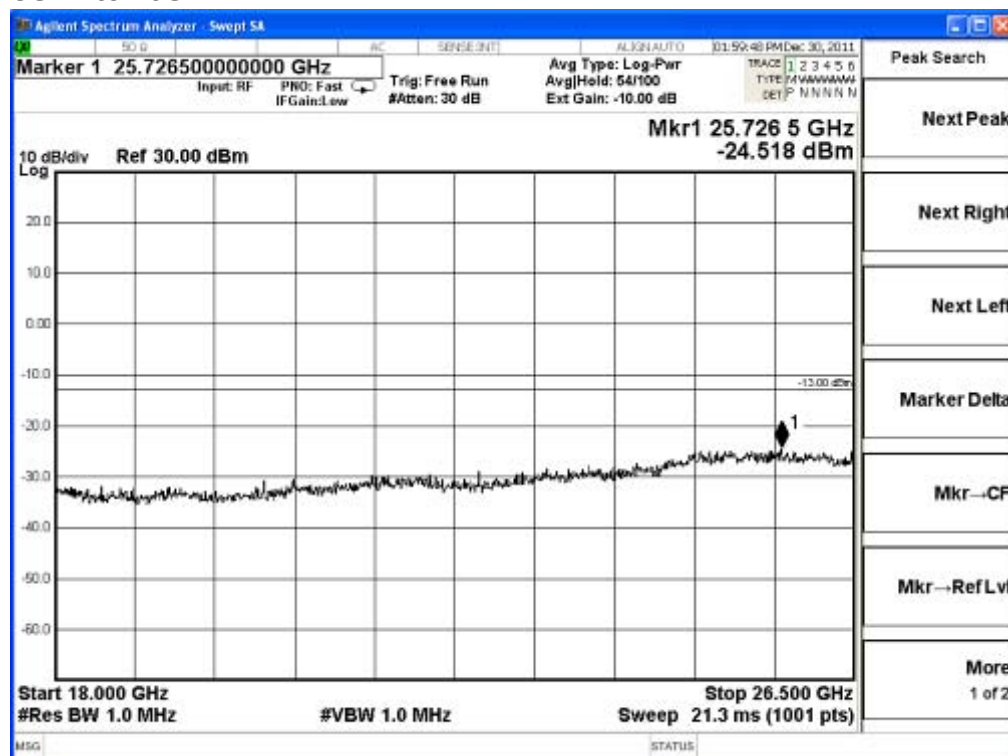
1GHz to 6GHz



## 6GHz to 18GHz

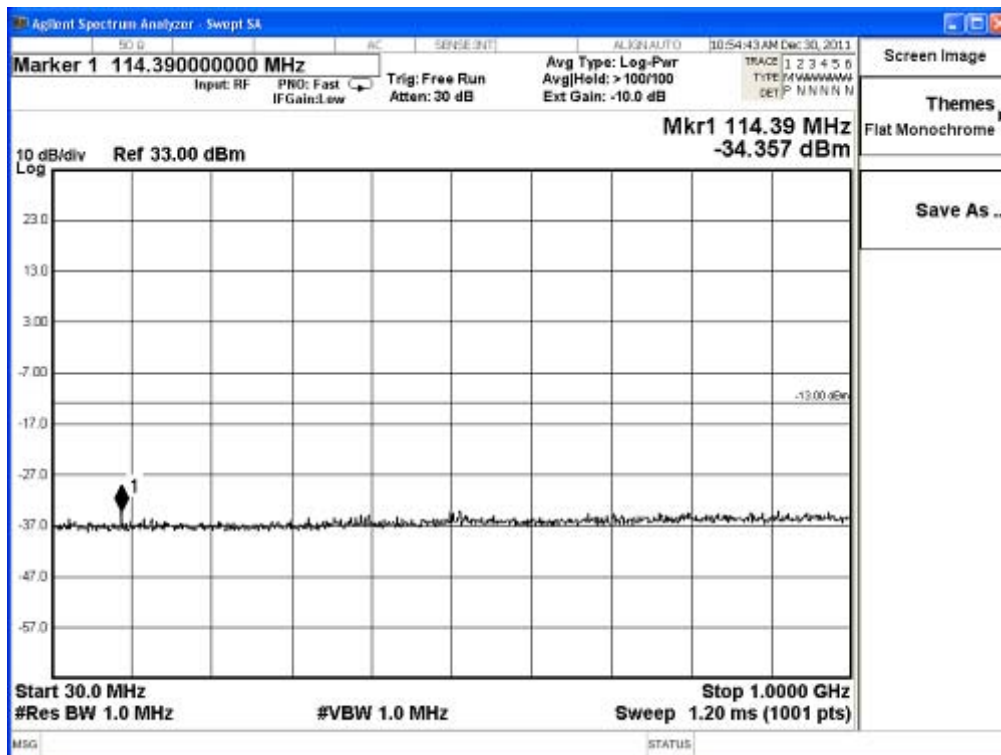


## 18GHz to 26GHz

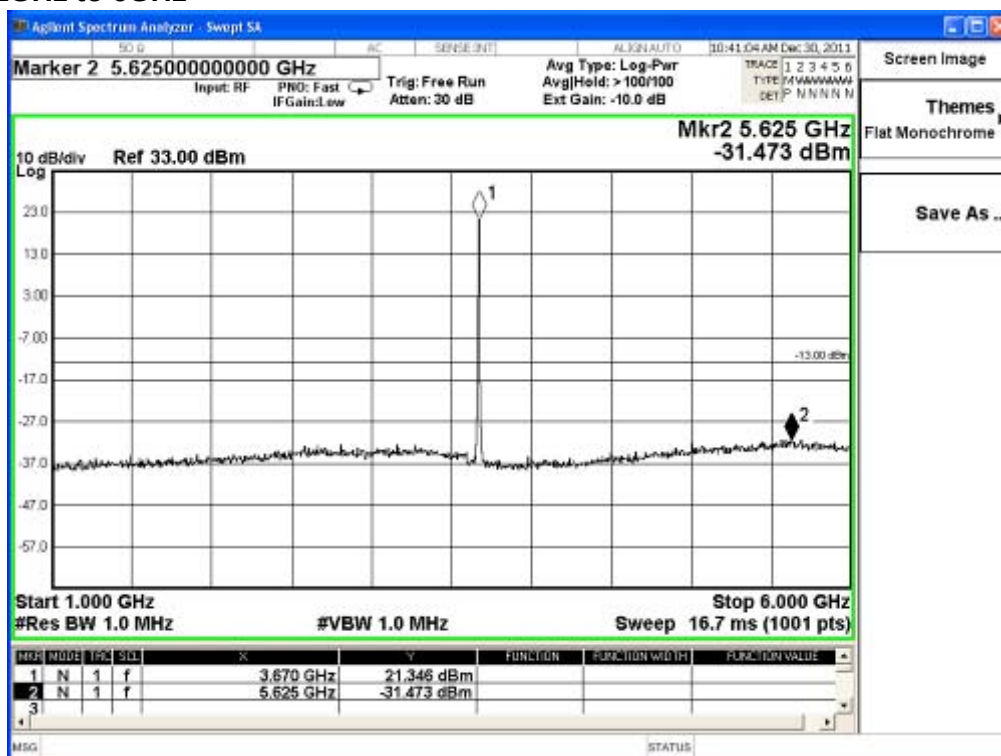


7MHz\_3671.5MHz\_QPSK1/2

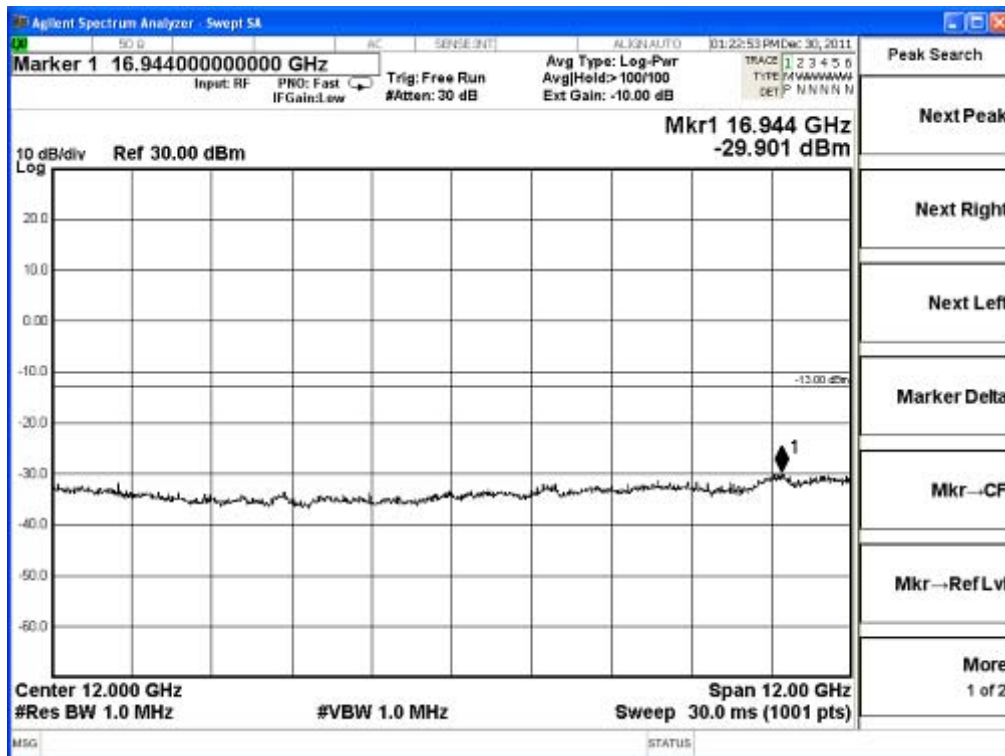
30MHz to 1GHz



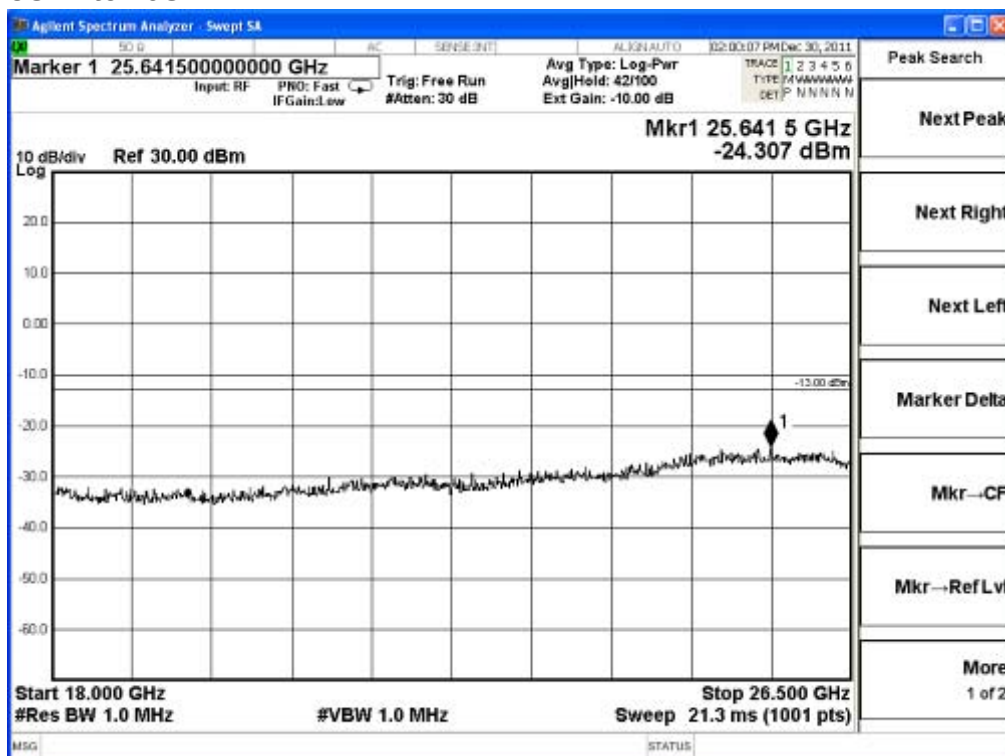
1GHz to 6GHz



## 6GHz to 18GHz



## 18GHz to 26GHz



|              |                                     |           |     |
|--------------|-------------------------------------|-----------|-----|
| Product      | CPE 3.65GHz Outdoor                 |           |     |
| Test Item    | Conducted Spurious Emission         |           |     |
| Test Mode    | Mode 5: Transmit (7MHz BW_16QAM1/2) |           |     |
| Date of Test | 2011/11/19                          | Test Site | SR7 |

**Test Mode: 7MHz 16QAM**
**Test Frequency: 3653.5MHz**

| Frequency Band (MHz) | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
|----------------------|-----------------|----------------------|-------------|
| 30-1000              | 852.56          | -33.815              | $\leq -13$  |
| 1000-6000            | 5565.00         | -30.510              | $\leq -13$  |
| 6000-18000           | 17568.00        | -30.705              | $\leq -13$  |
| 18000-26500          | 25403.50        | -24.148              | $\leq -13$  |

**Test Frequency: 3662.5MHz**

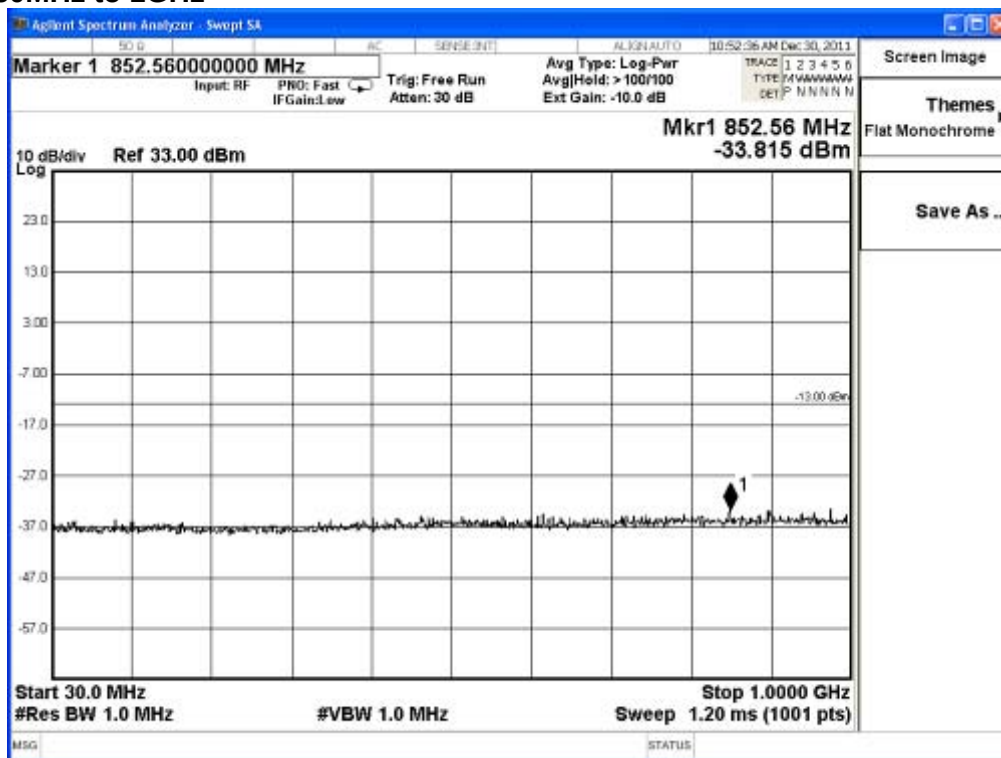
| Frequency Band (MHz) | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
|----------------------|-----------------|----------------------|-------------|
| 30-1000              | 721.61          | -33.868              | $\leq -13$  |
| 1000-6000            | 5590.00         | -31.719              | $\leq -13$  |
| 6000-18000           | 17808.00        | -31.667              | $\leq -13$  |
| 18000-26500          | 25480.00        | -24.332              | $\leq -13$  |

**Test Frequency: 3671.5MHz**

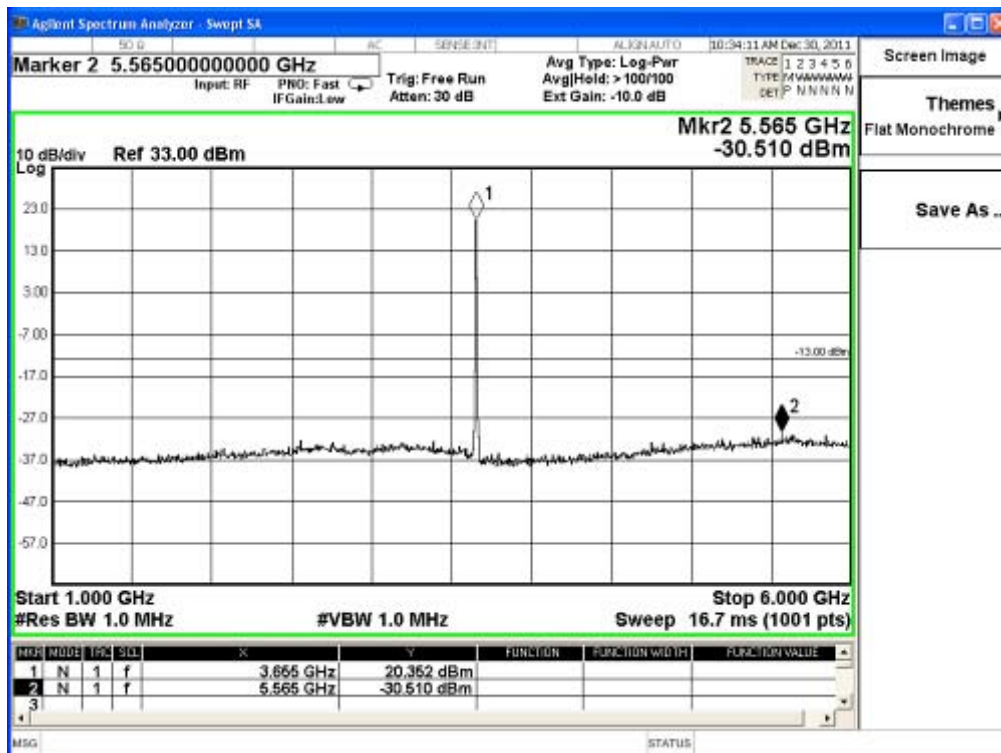
| Frequency Band (MHz) | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
|----------------------|-----------------|----------------------|-------------|
| 30-1000              | 685.72          | -34.647              | $\leq -13$  |
| 1000-6000            | 5580.00         | -31.329              | $\leq -13$  |
| 6000-18000           | 16752.00        | -30.012              | $\leq -13$  |
| 18000-26500          | 25361.00        | -24.639              | $\leq -13$  |

7MHz\_3653.5MHz\_16QAM1/2

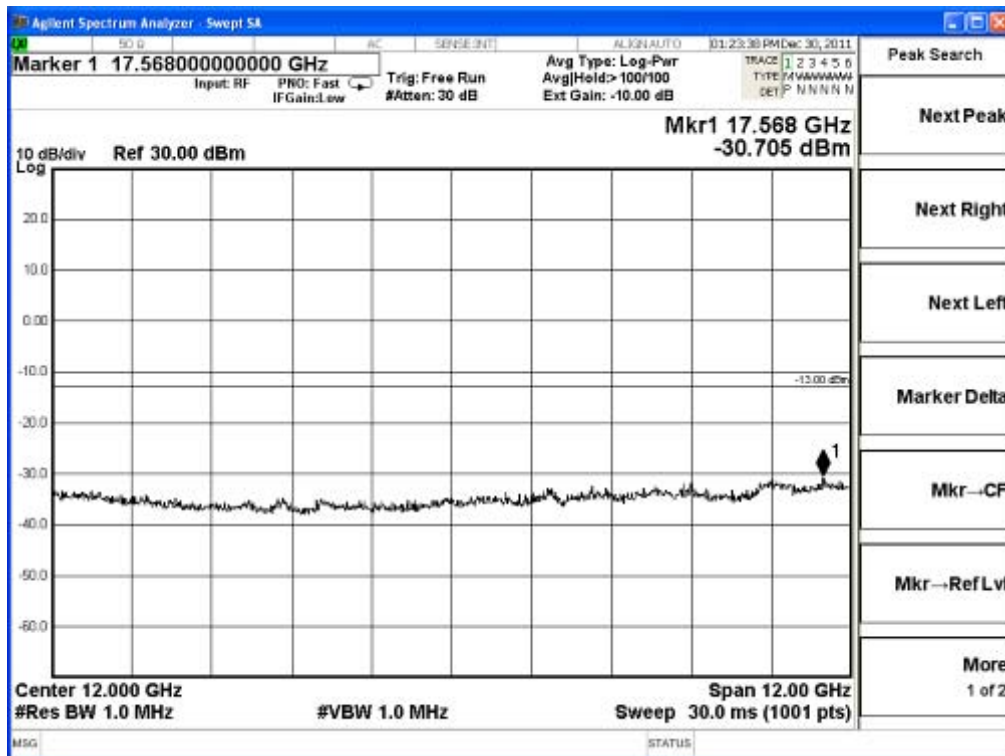
30MHz to 1GHz



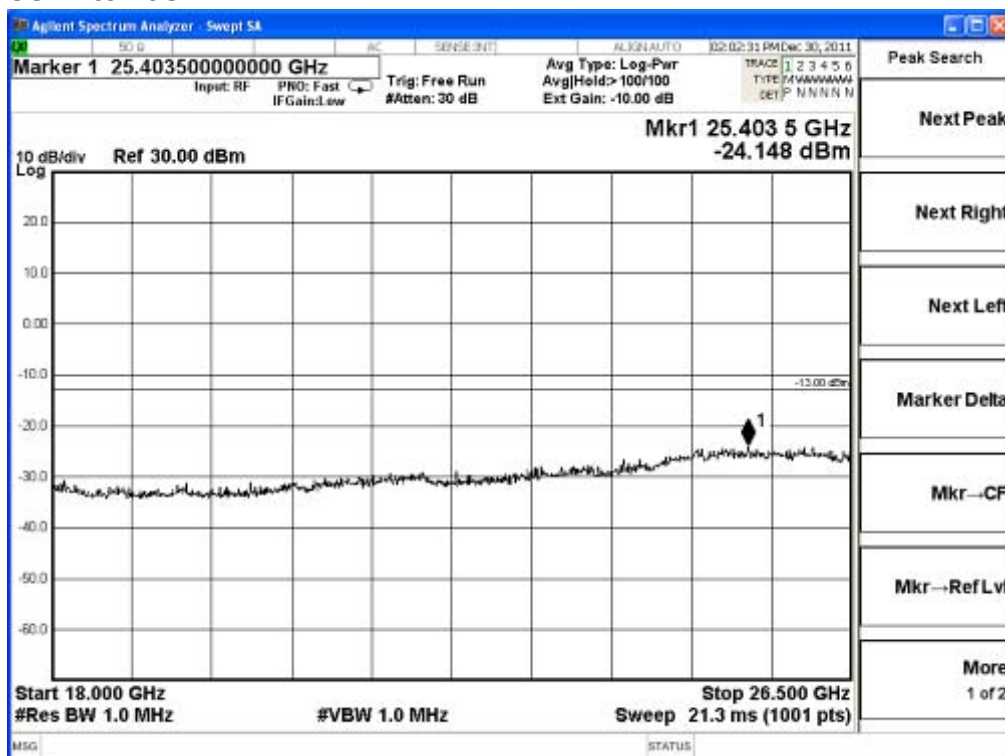
1GHz to 6GHz



### 6GHz to 18GHz

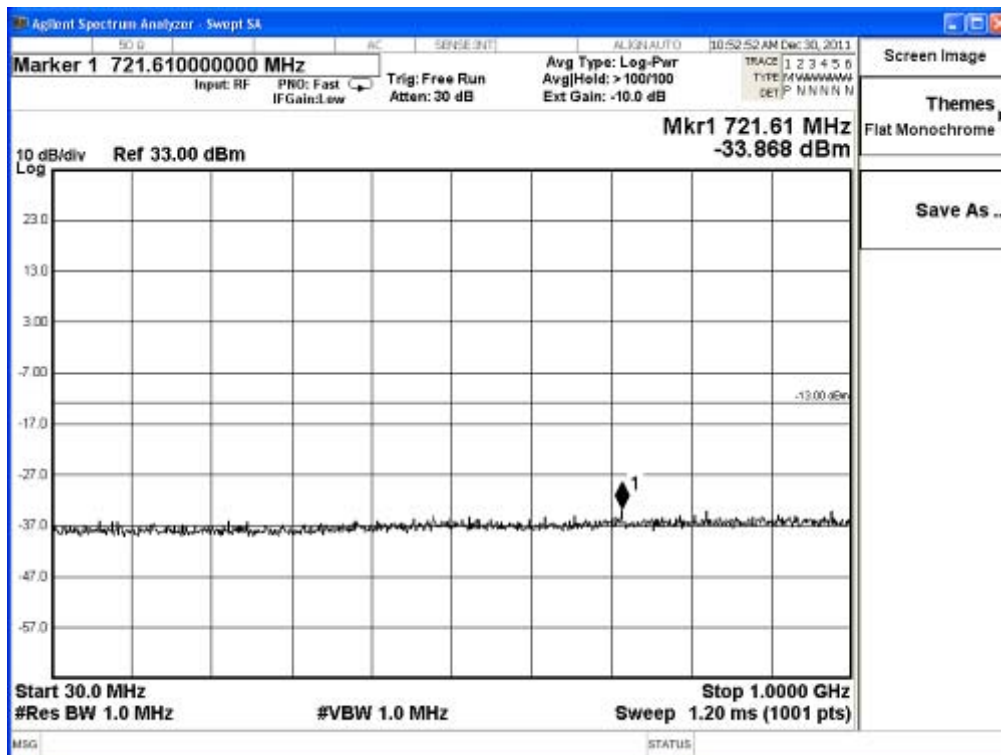


### 18GHz to 26GHz

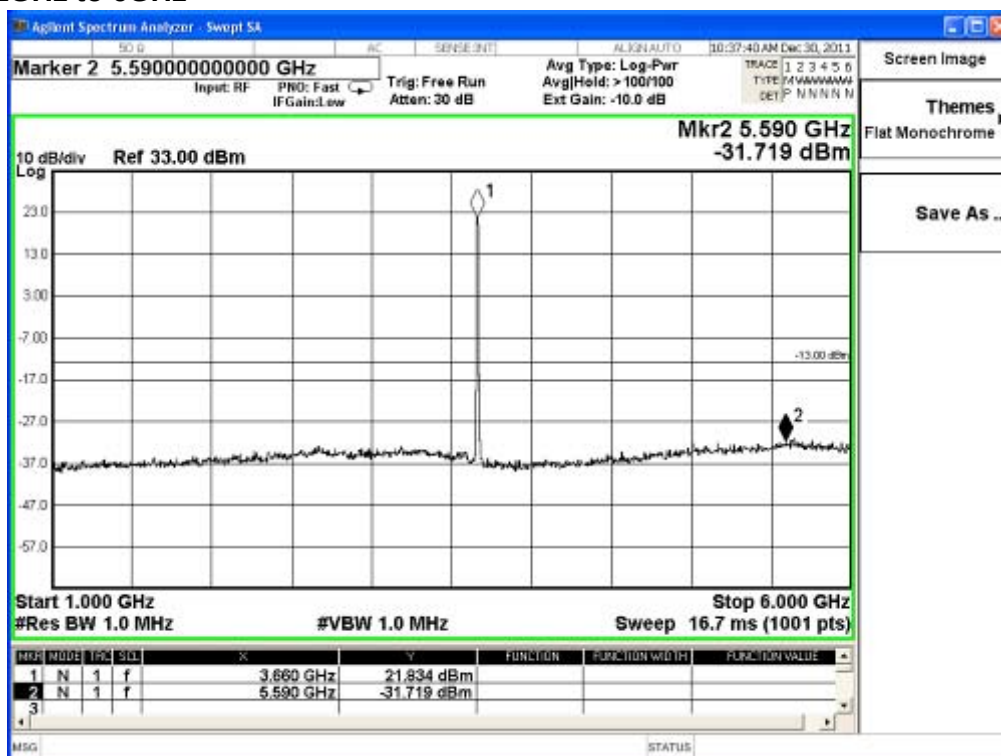


7MHz\_3662.5MHz\_16QAM1/2

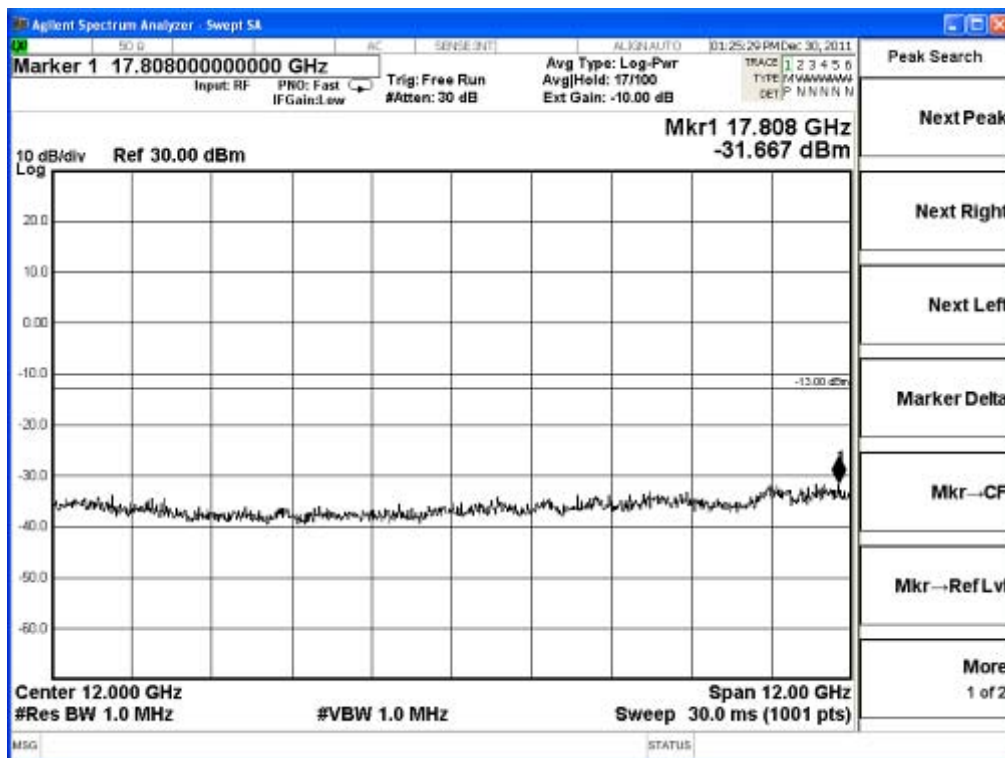
30MHz to 1GHz



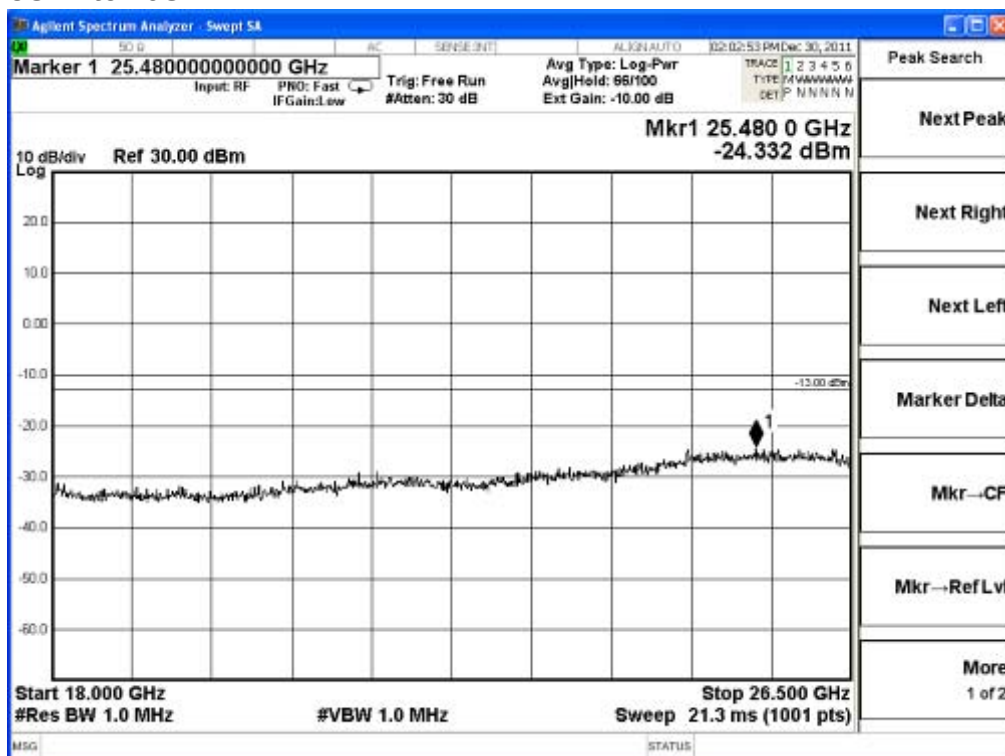
1GHz to 6GHz



## 6GHz to 18GHz

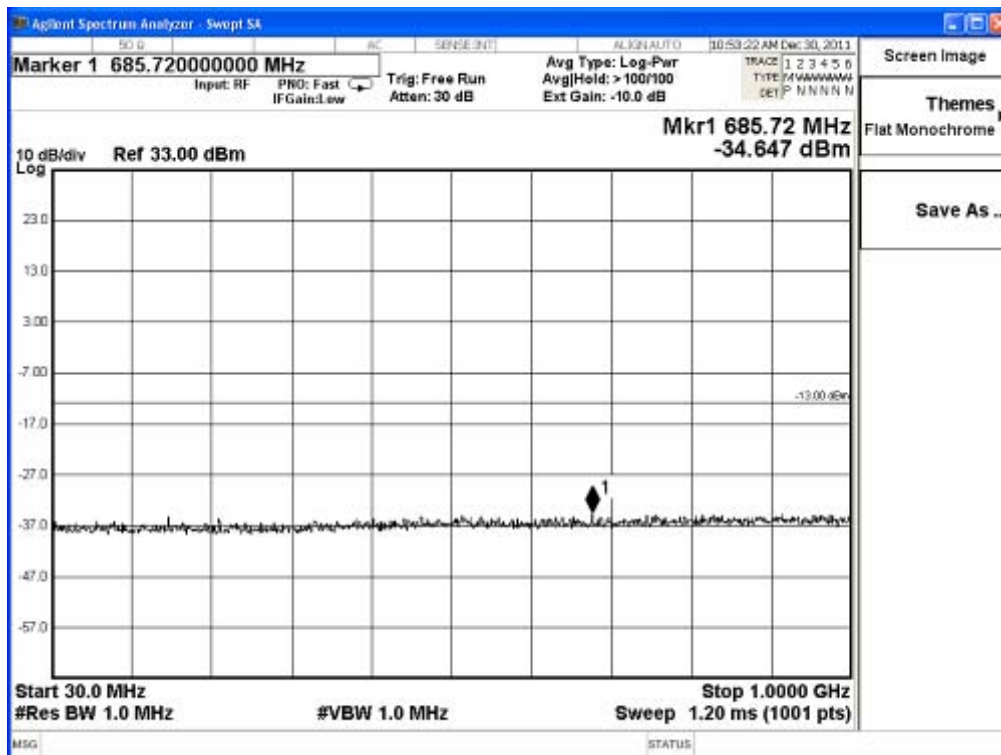


## 18GHz to 26GHz

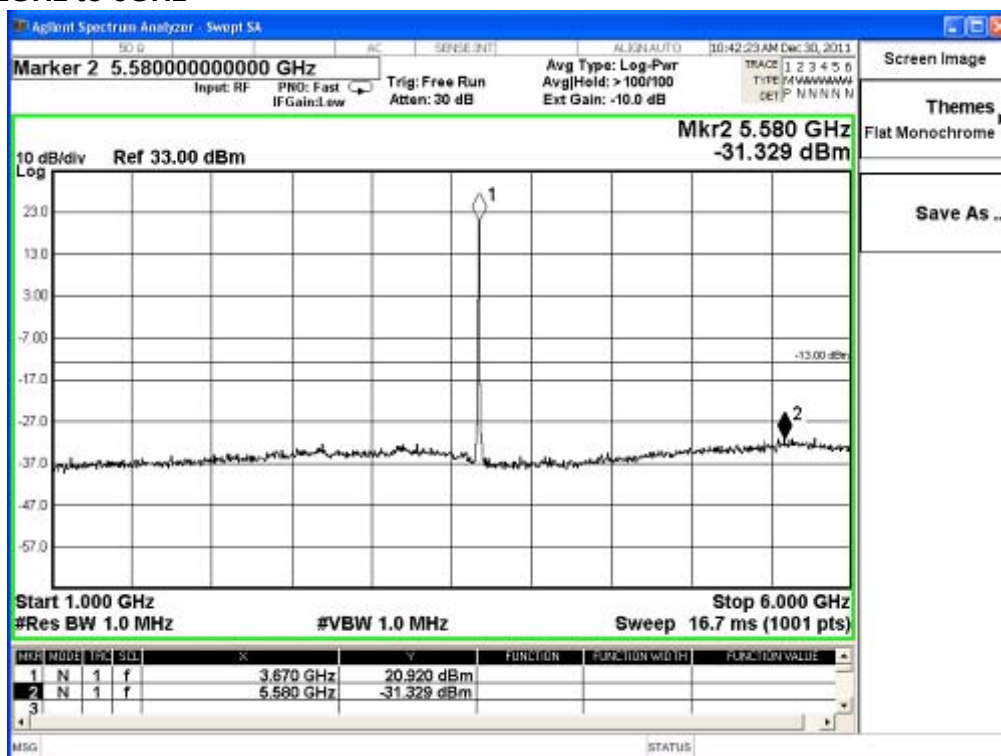


7MHz\_3671.5MHz\_16QAM1/2

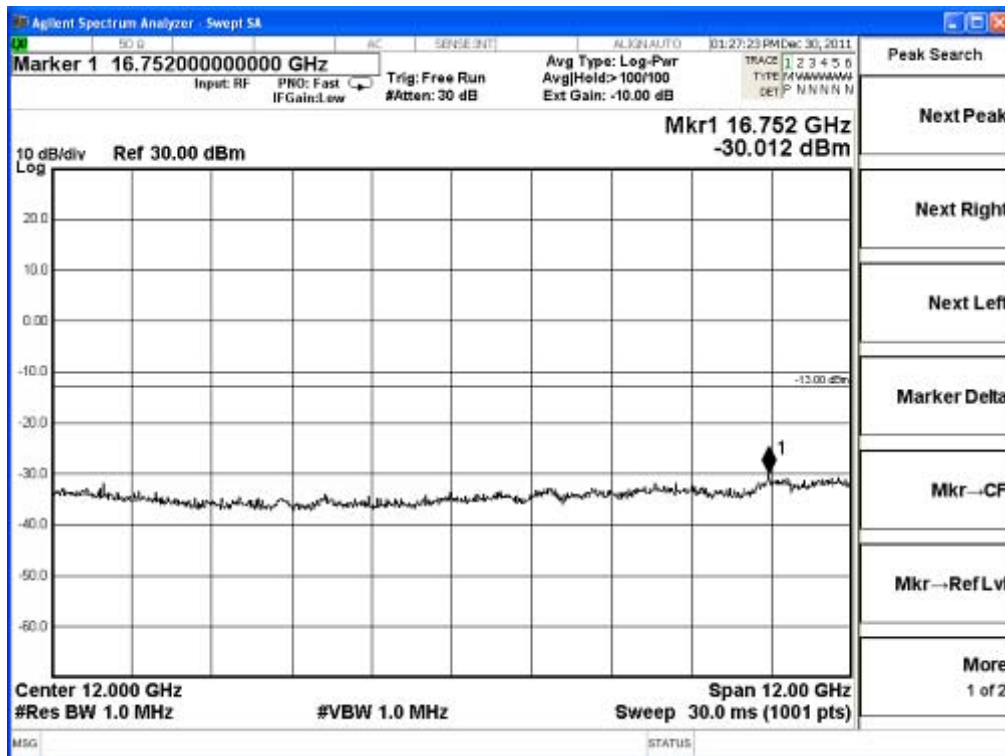
30MHz to 1GHz



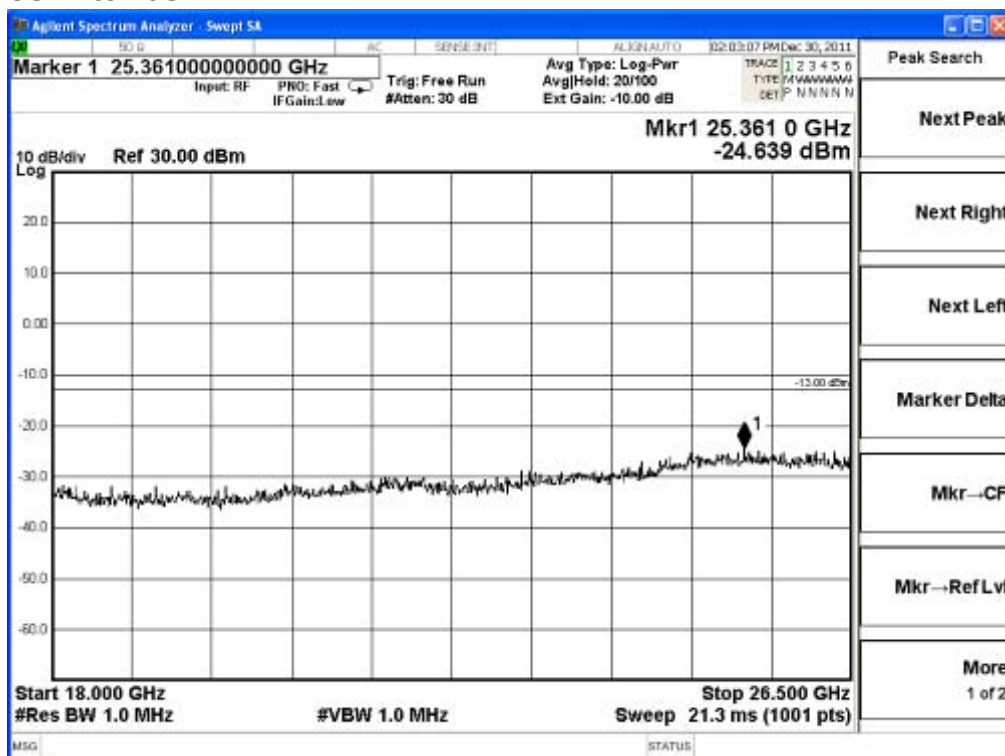
1GHz to 6GHz



## 6GHz to 18GHz



## 18GHz to 26GHz



|              |                                     |           |     |
|--------------|-------------------------------------|-----------|-----|
| Product      | CPE 3.65GHz Outdoor                 |           |     |
| Test Item    | Conducted Spurious Emission         |           |     |
| Test Mode    | Mode 6: Transmit (7MHz BW_64QAM2/3) |           |     |
| Date of Test | 2011/11/19                          | Test Site | SR7 |

**Test Mode: 7MHz 64QAM**
**Test Frequency: 3653.5MHz**

| Frequency Band (MHz) | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
|----------------------|-----------------|----------------------|-------------|
| 30-1000              | 987.39          | -33.931              | $\leq -13$  |
| 1000-6000            | 5725.00         | -31.494              | $\leq -13$  |
| 6000-18000           | 17064.00        | -31.166              | $\leq -13$  |
| 18000-26500          | 25157.00        | -23.442              | $\leq -13$  |

**Test Frequency: 3662.5MHz**

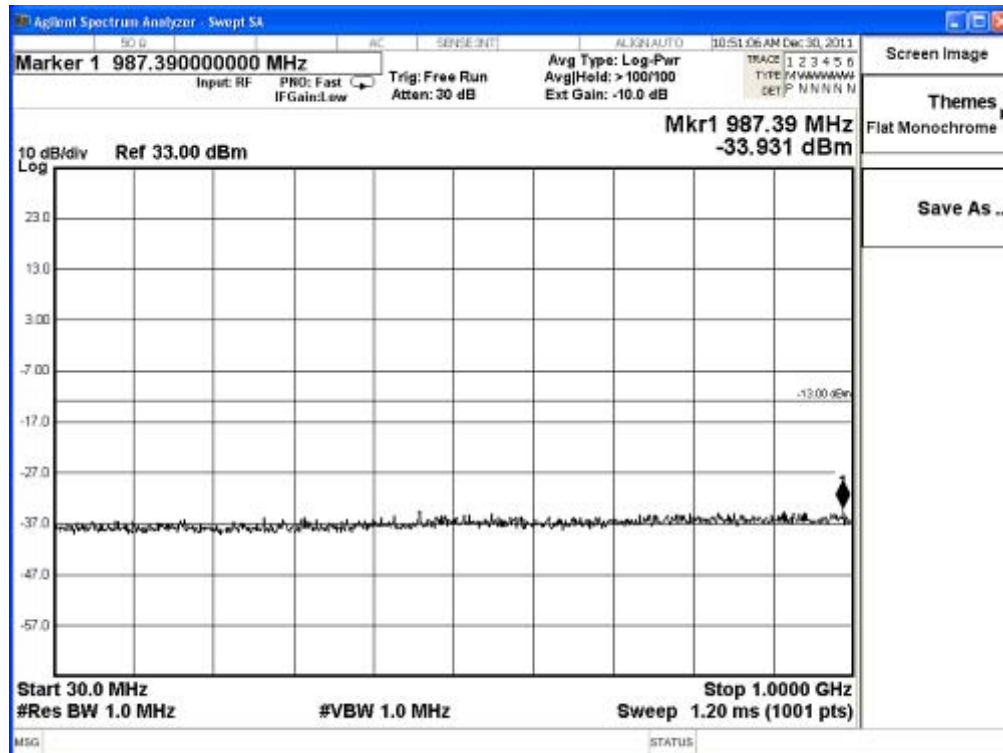
| Frequency Band (MHz) | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
|----------------------|-----------------|----------------------|-------------|
| 30-1000              | 791.45          | -35.399              | $\leq -13$  |
| 1000-6000            | 5545.00         | -31.742              | $\leq -13$  |
| 6000-18000           | 17016.00        | -31.099              | $\leq -13$  |
| 18000-26500          | 25709.50        | -24.034              | $\leq -13$  |

**Test Frequency: 3671.5MHz**

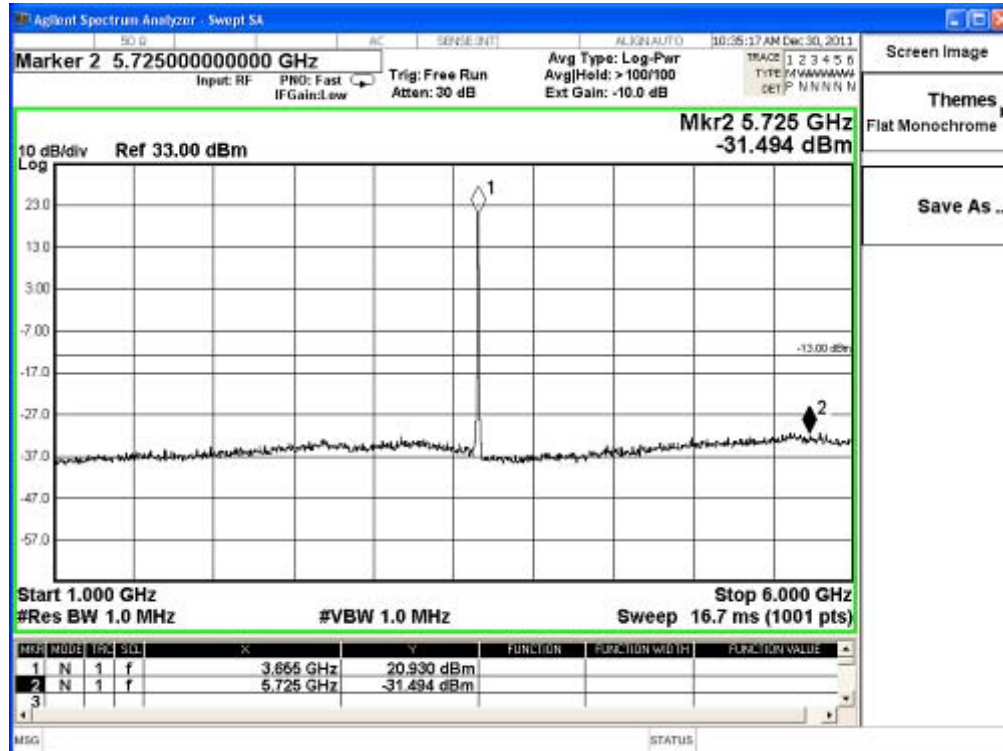
| Frequency Band (MHz) | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
|----------------------|-----------------|----------------------|-------------|
| 30-1000              | 951.50          | -34.422              | $\leq -13$  |
| 1000-6000            | 5560.00         | -30.048              | $\leq -13$  |
| 6000-18000           | 17064.00        | -31.313              | $\leq -13$  |
| 18000-26500          | 26151.50        | -23.602              | $\leq -13$  |

7MHz\_3653.5MHz\_64QAM2/3

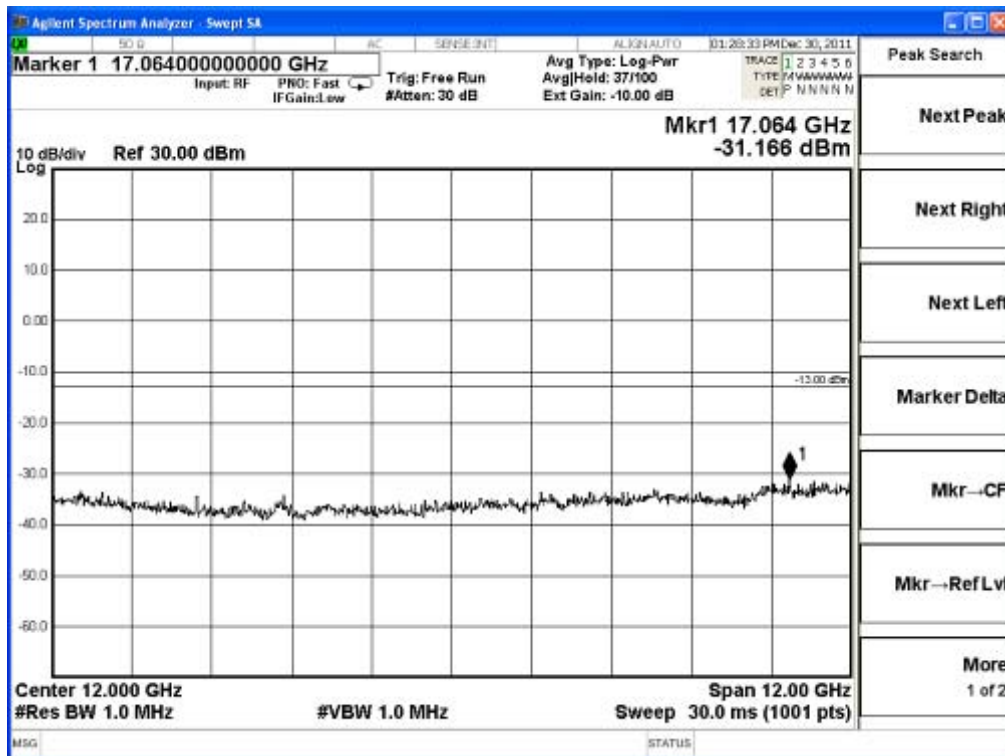
30MHz to 1GHz



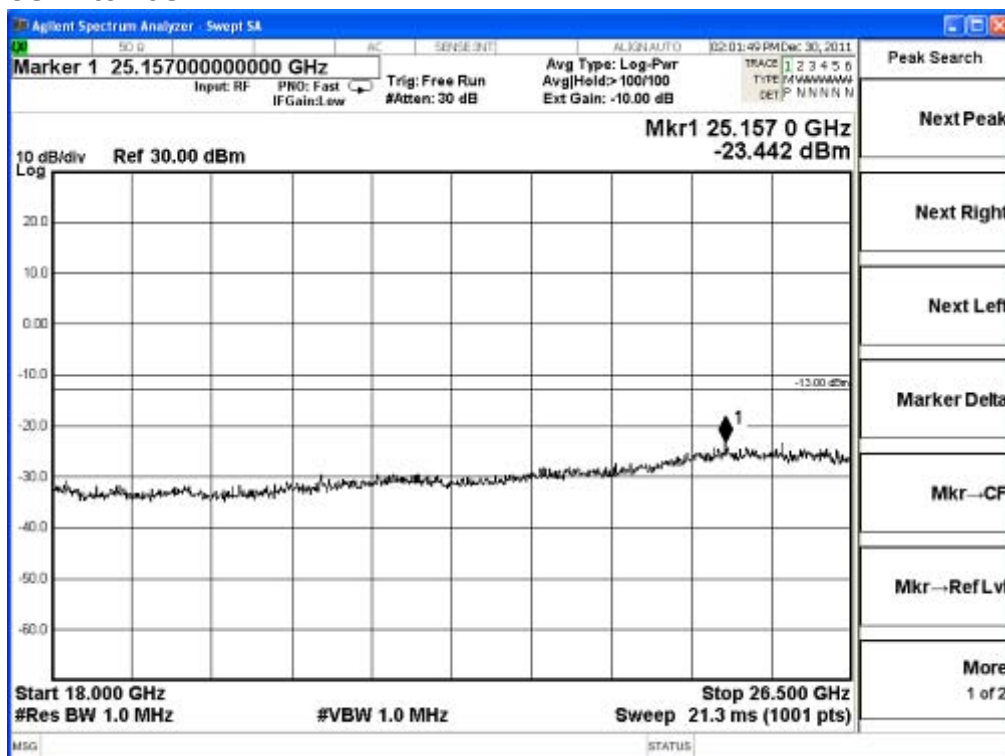
1GHz to 6GHz



## 6GHz to 18GHz

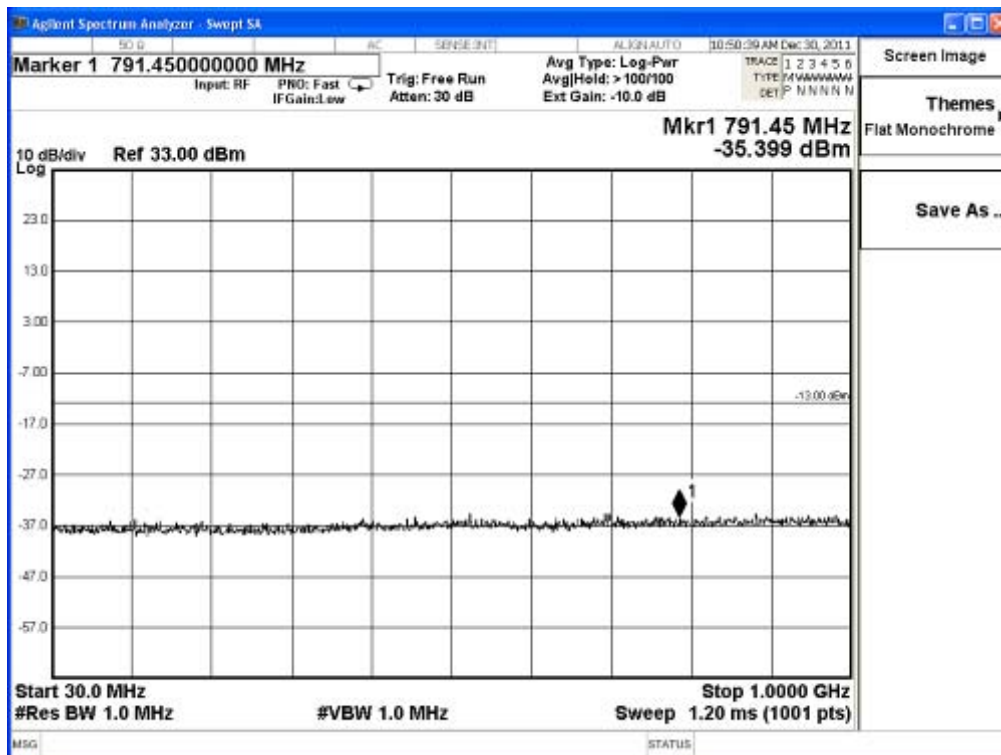


## 18GHz to 26GHz

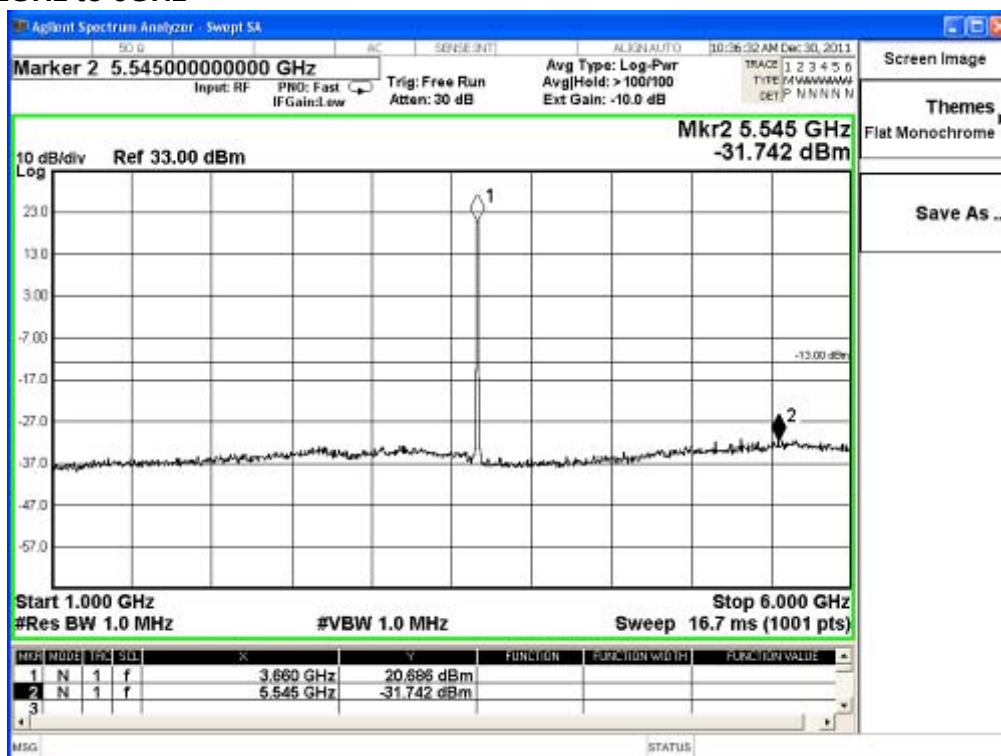


7MHz\_3662.5MHz\_64QAM2/3

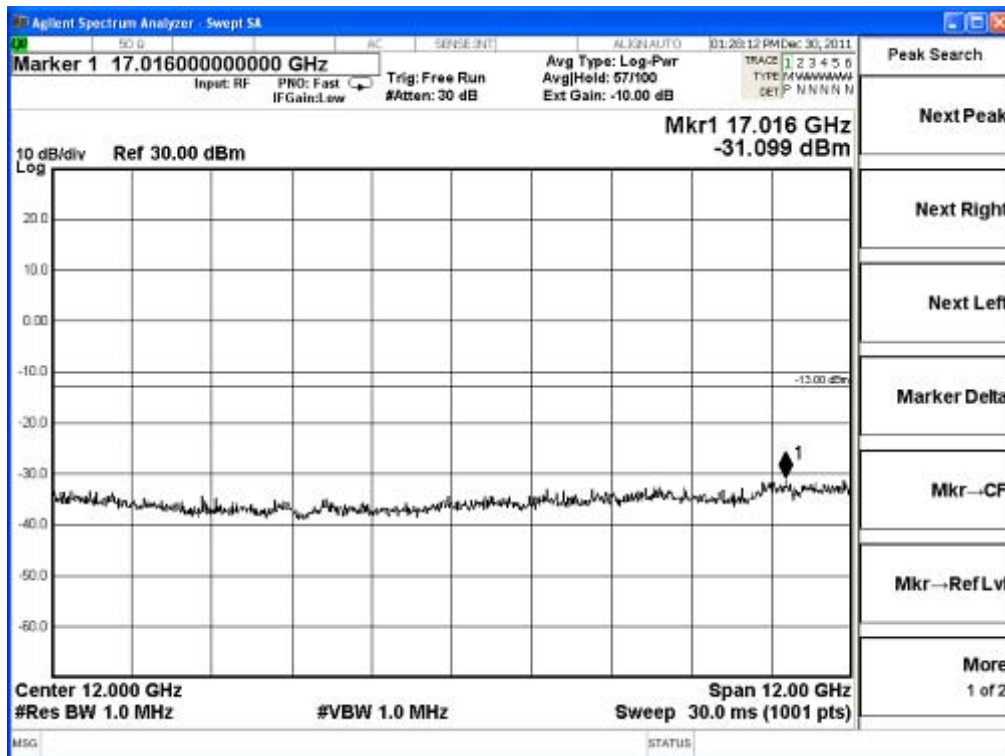
30MHz to 1GHz



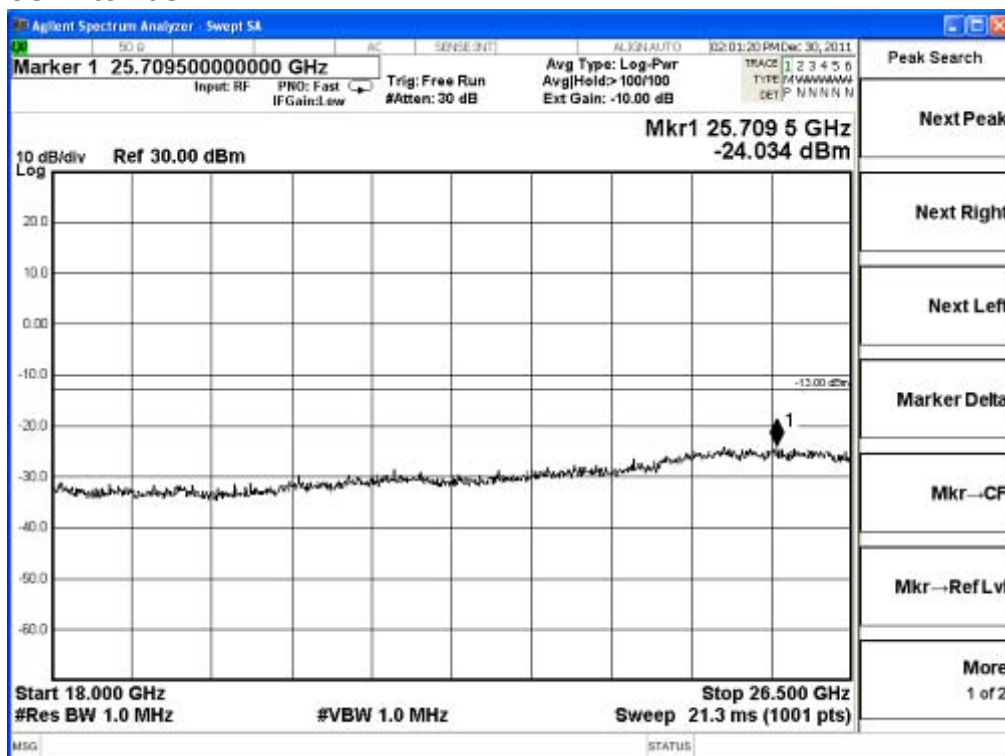
1GHz to 6GHz



## 6GHz to 18GHz

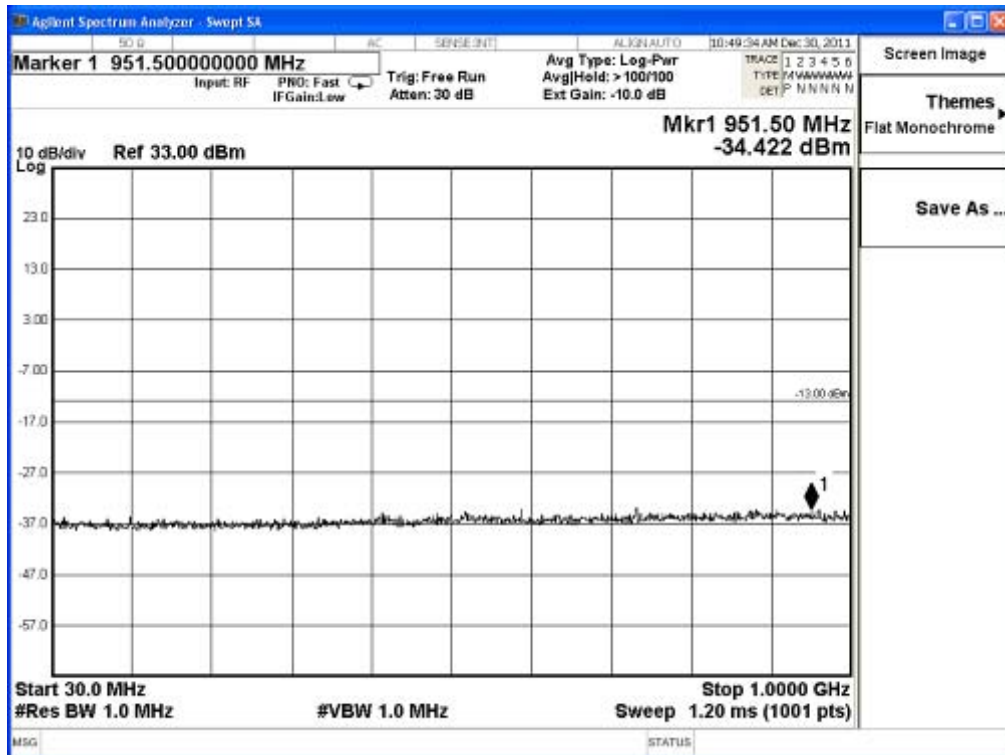


## 18GHz to 26GHz

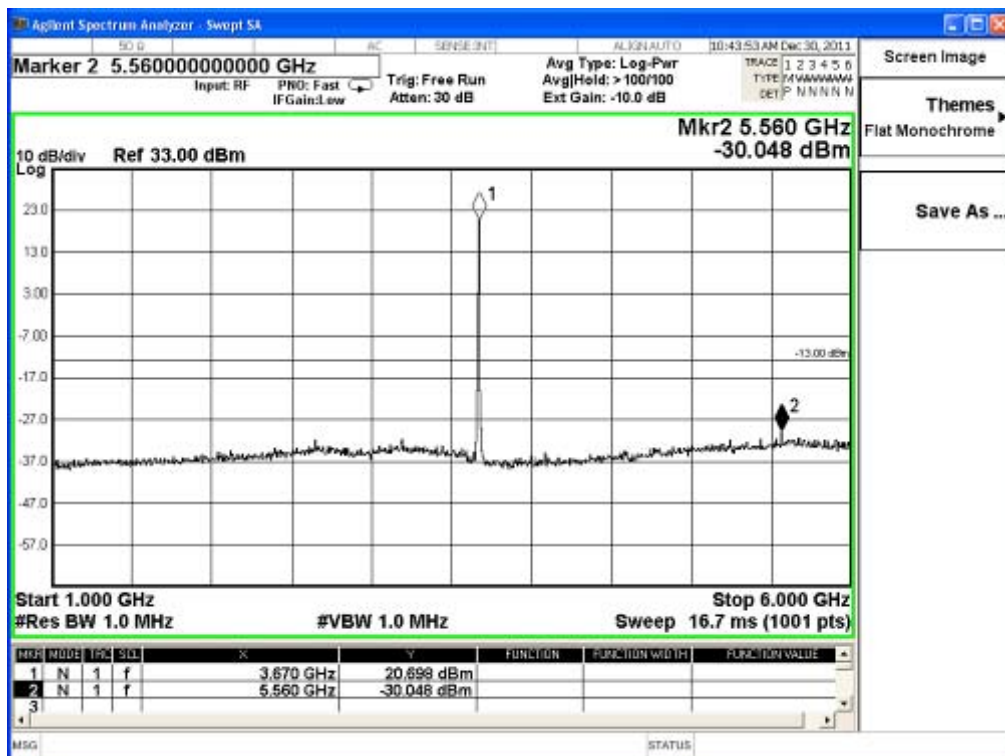


7MHz\_3671.5MHz\_64QAM2/3

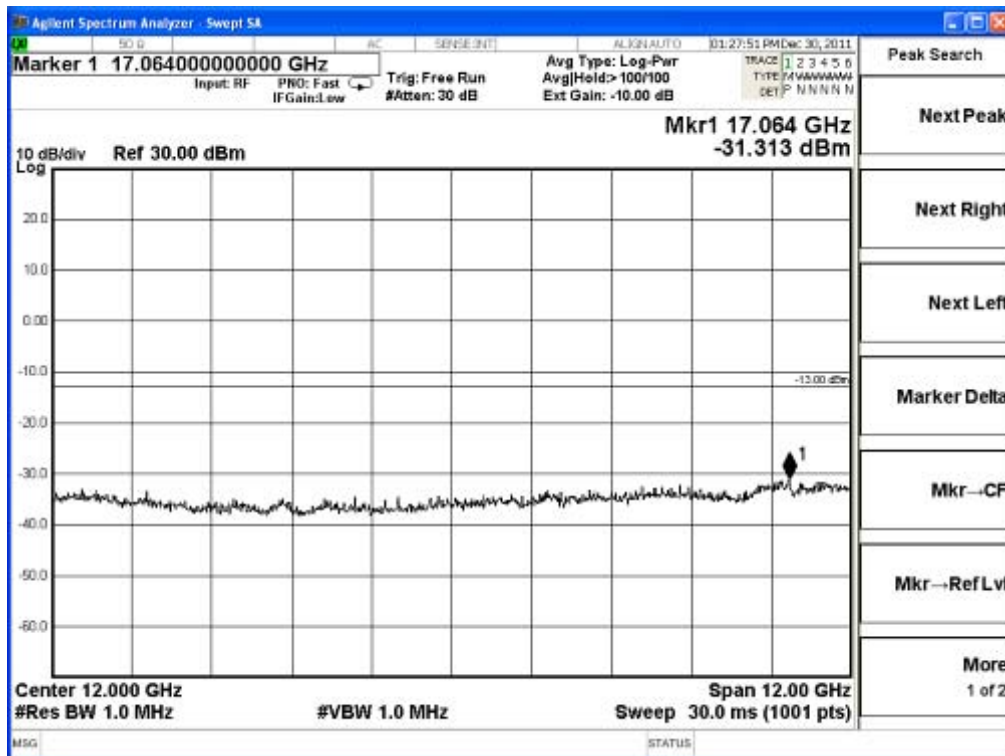
30MHz to 1GHz



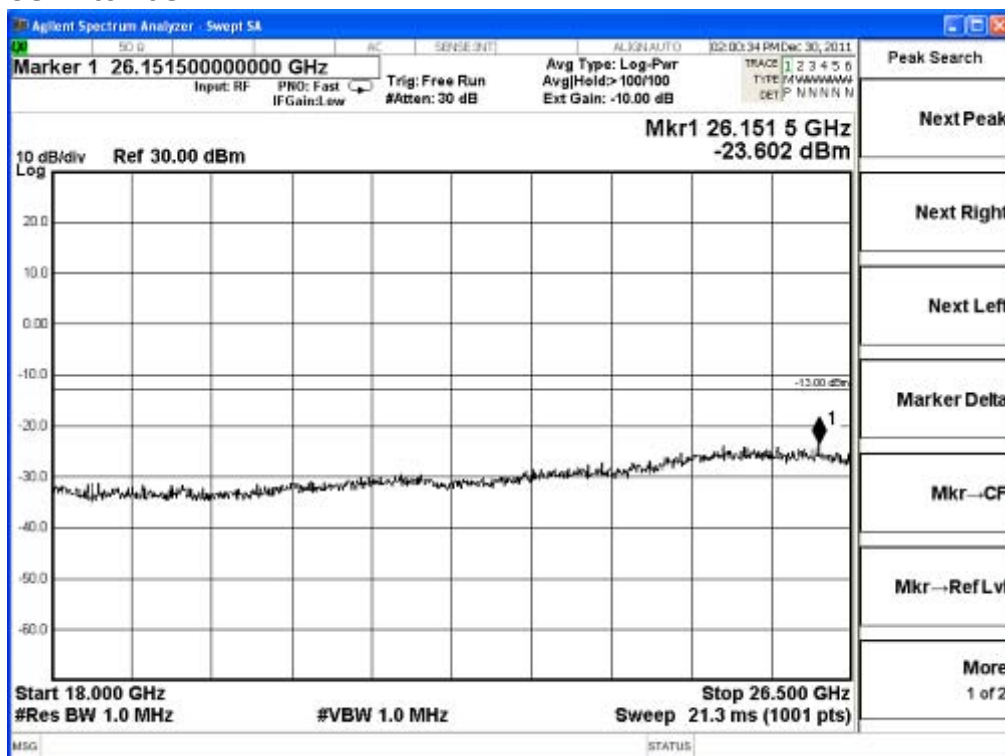
1GHz to 6GHz



### 6GHz to 18GHz



### 18GHz to 26GHz

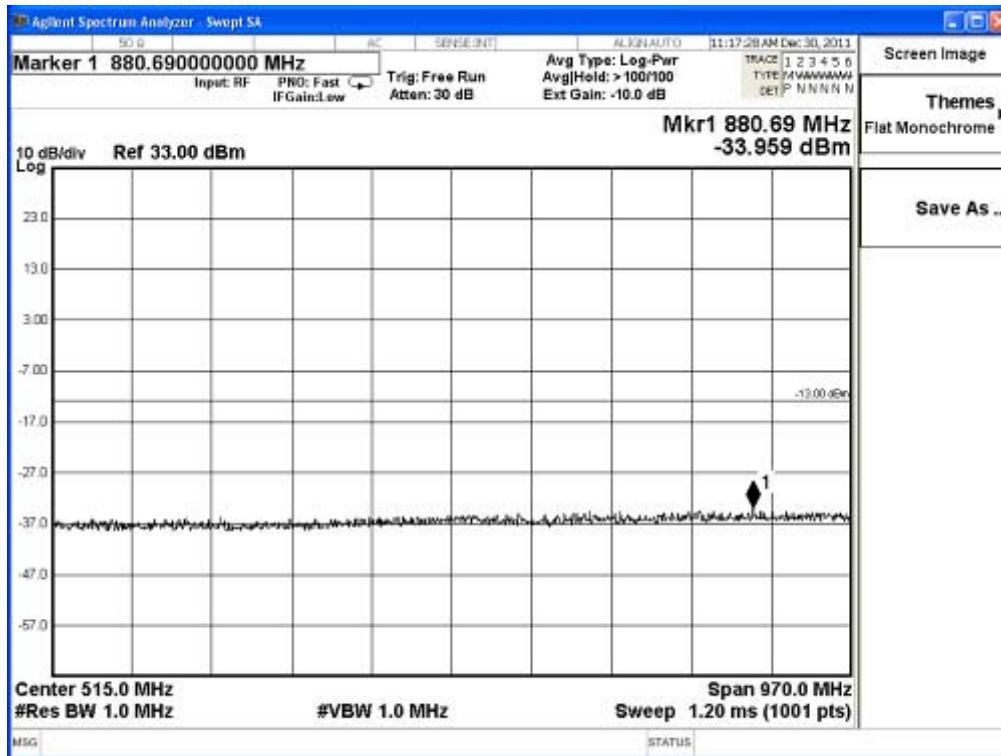


|              |                                     |           |     |
|--------------|-------------------------------------|-----------|-----|
| Product      | CPE 3.65GHz Outdoor                 |           |     |
| Test Item    | Conducted Spurious Emission         |           |     |
| Test Mode    | Mode 7: Transmit (10MHz BW_QPSK1/2) |           |     |
| Date of Test | 2011/11/19                          | Test Site | SR7 |

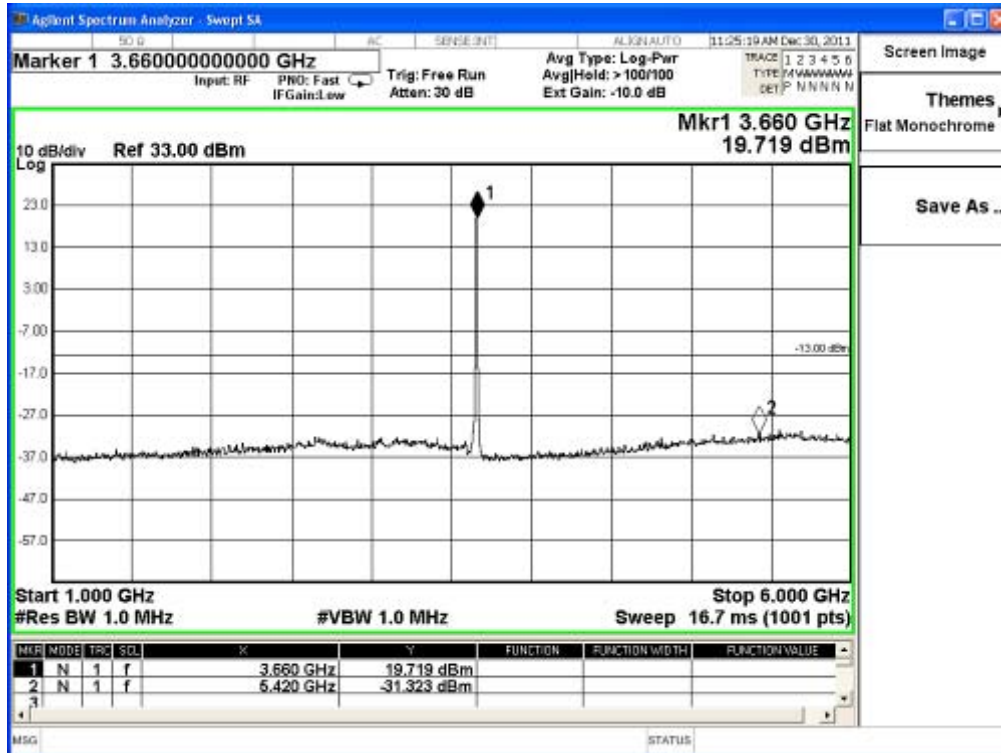
| <b>Test Mode: 10MHz QPSK</b>     |                 |                      |             |
|----------------------------------|-----------------|----------------------|-------------|
| <b>Test Frequency: 3655MHz</b>   |                 |                      |             |
| Frequency Band (MHz)             | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
| 30-1000                          | 880.69          | -33.959              | $\leq -13$  |
| 1000-6000                        | 5420.00         | -31.323              | $\leq -13$  |
| 6000-18000                       | 14628.00        | -30.703              | $\leq -13$  |
| 18000-26500                      | 24740.50        | -24.266              | $\leq -13$  |
|                                  |                 |                      |             |
| <b>Test Frequency: 3662.5MHz</b> |                 |                      |             |
| Frequency Band (MHz)             | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
| 30-1000                          | 990.30          | -34.156              | $\leq -13$  |
| 1000-6000                        | 5555.00         | -30.786              | $\leq -13$  |
| 6000-18000                       | 16800.00        | -29.435              | $\leq -13$  |
| 18000-26500                      | 25191.00        | -24.031              | $\leq -13$  |
|                                  |                 |                      |             |
| <b>Test Frequency: 3670MHz</b>   |                 |                      |             |
| Frequency Band (MHz)             | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
| 30-1000                          | 845.77          | -33.877              | $\leq -13$  |
| 1000-6000                        | 5605.00         | -31.471              | $\leq -13$  |
| 6000-18000                       | 17976.00        | -31.285              | $\leq -13$  |
| 18000-26500                      | 26075.00        | -24.263              | $\leq -13$  |

10MHz\_3655MHz\_QPSK1/2

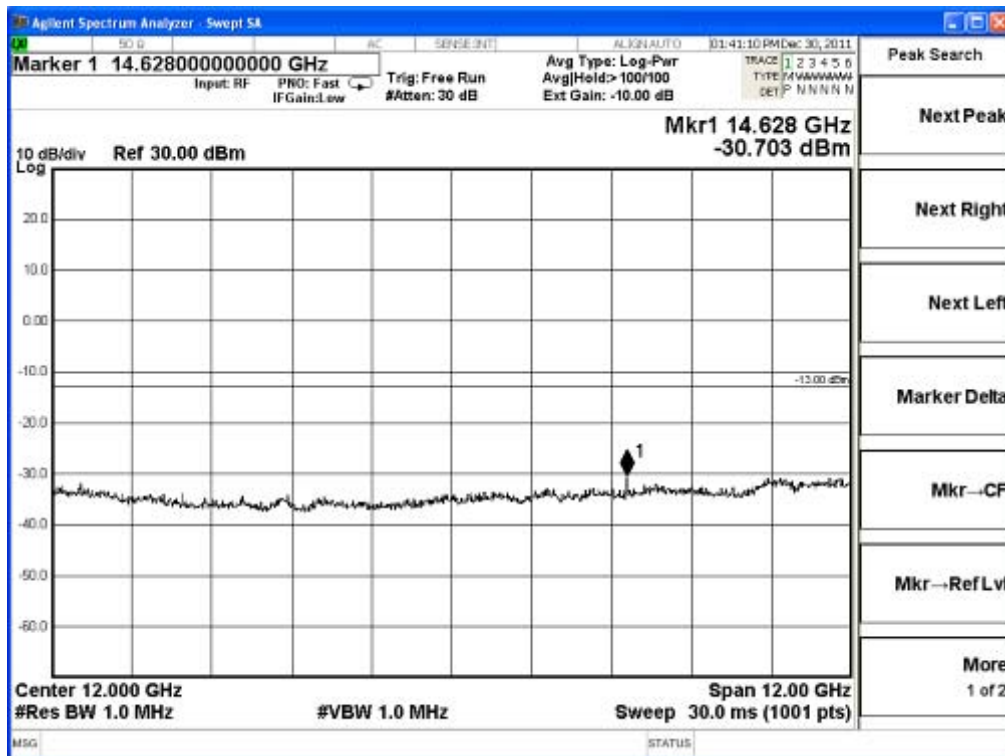
30MHz to 1GHz



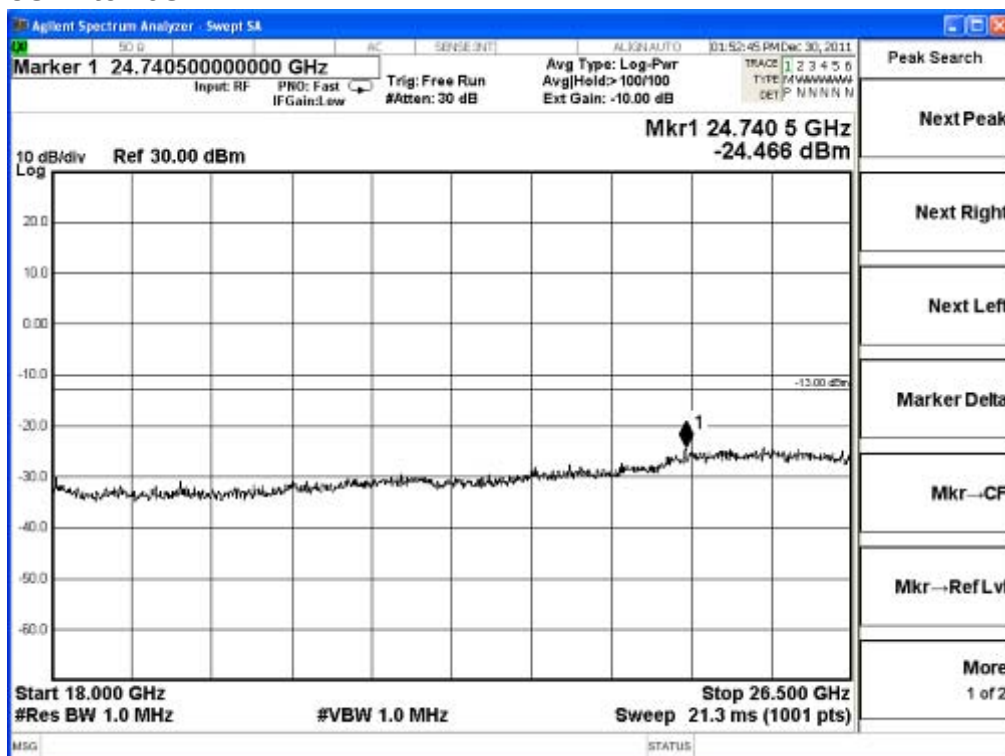
1GHz to 6GHz



### 6GHz to 18GHz

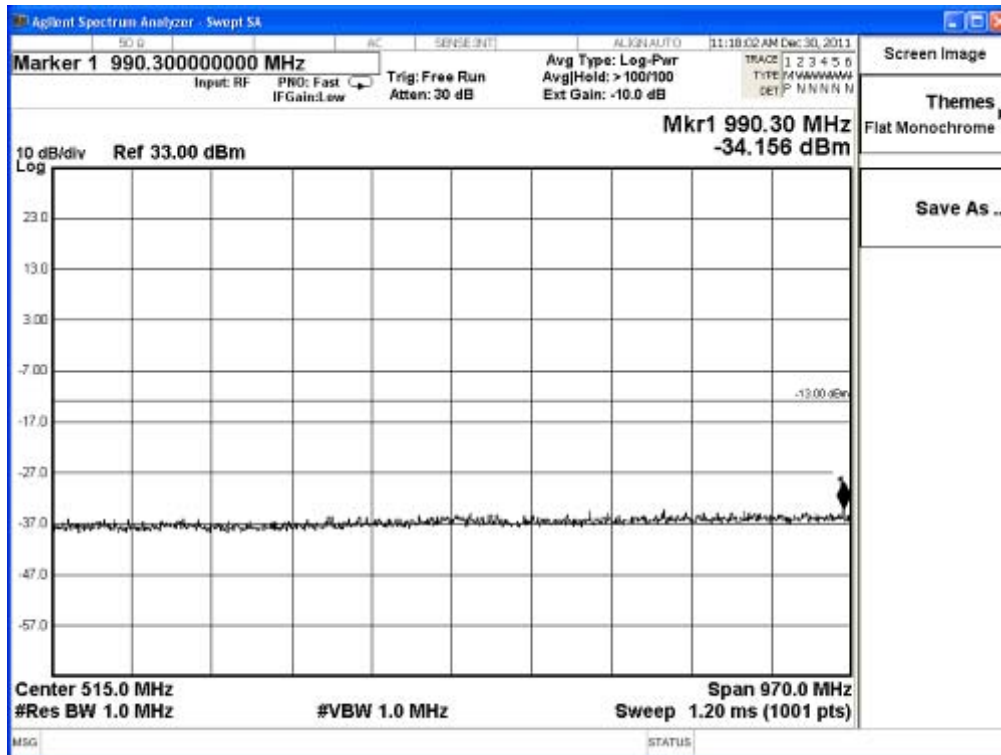


### 18GHz to 26GHz

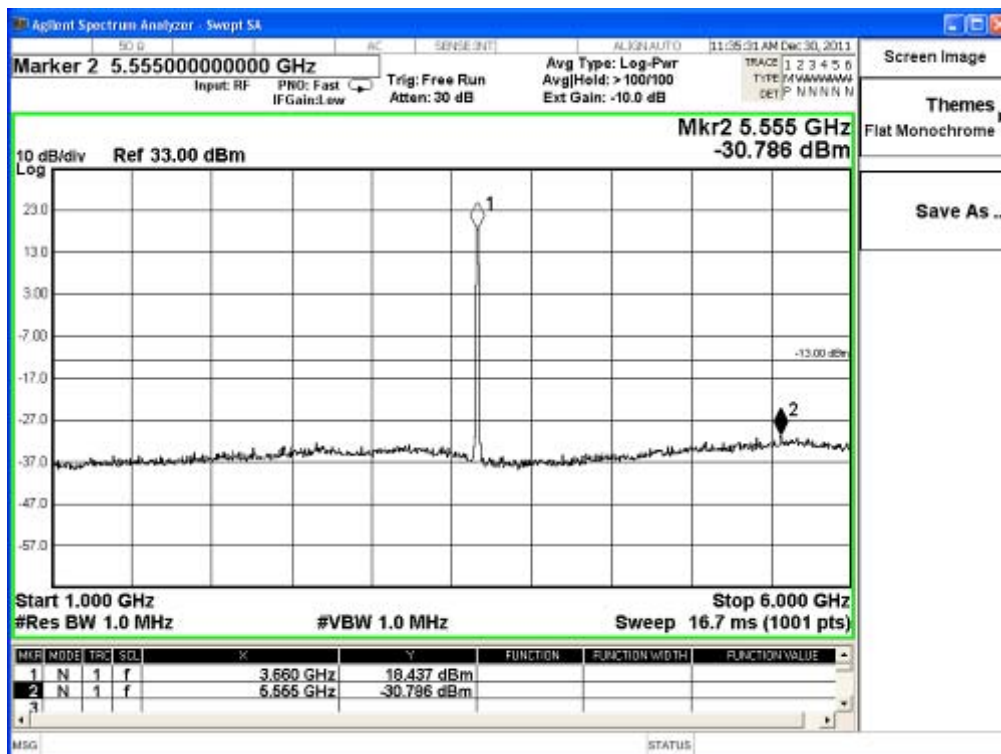


10MHz\_3662.5MHz\_QPSK1/2

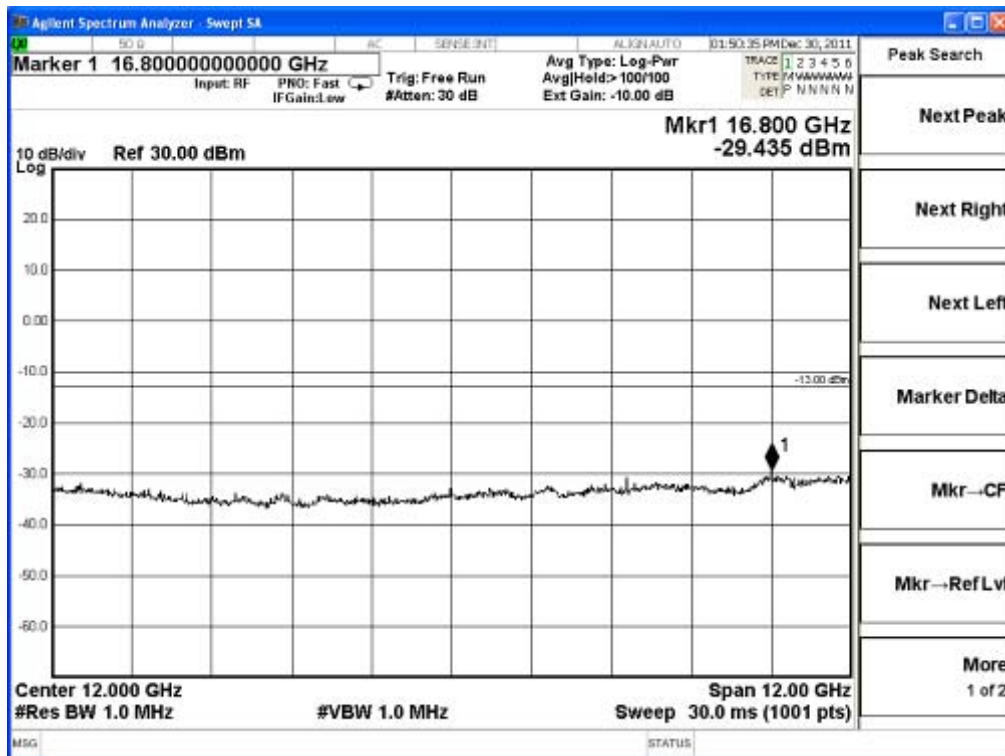
30MHz to 1GHz



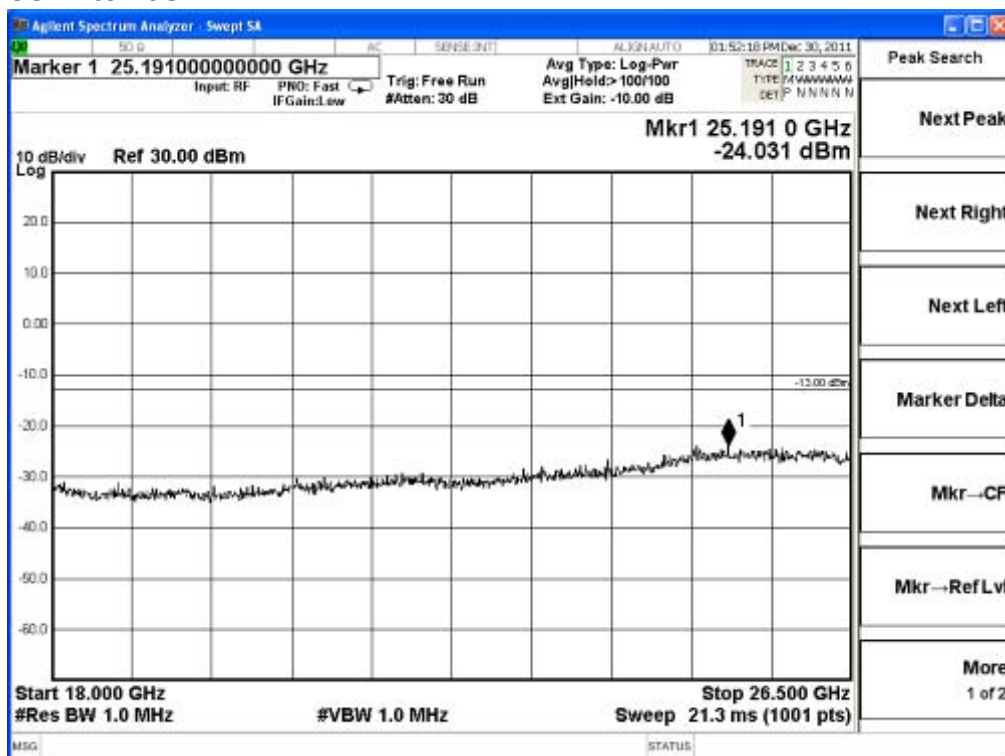
1GHz to 6GHz



## 6GHz to 18GHz

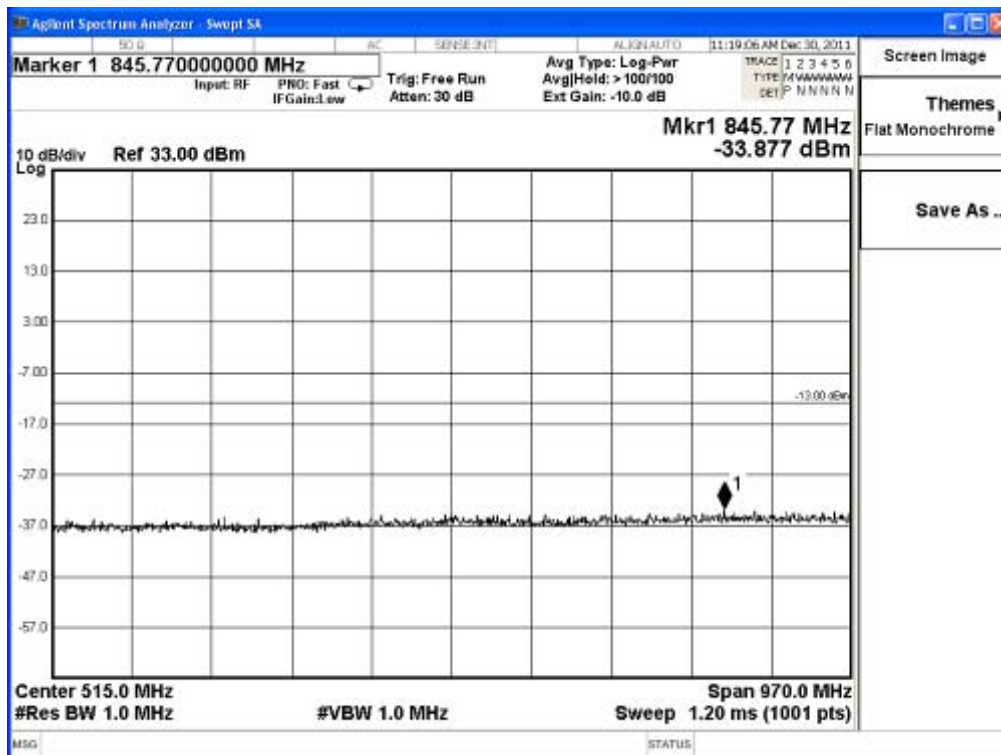


## 18GHz to 26GHz

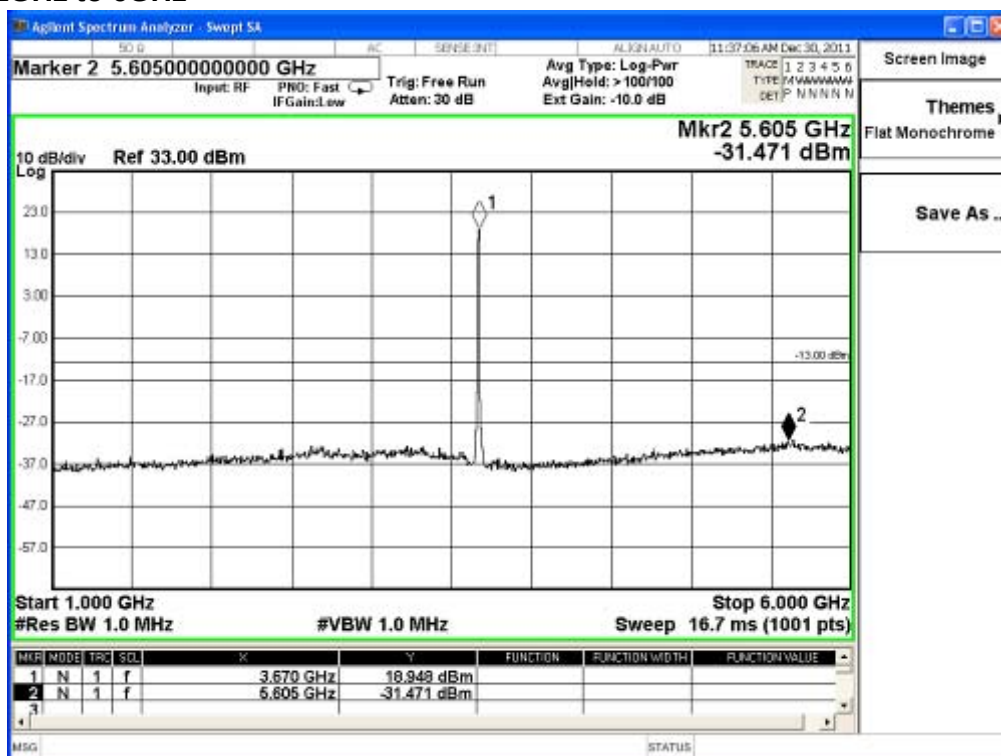


10MHz\_3670MHz\_QPSK1/2

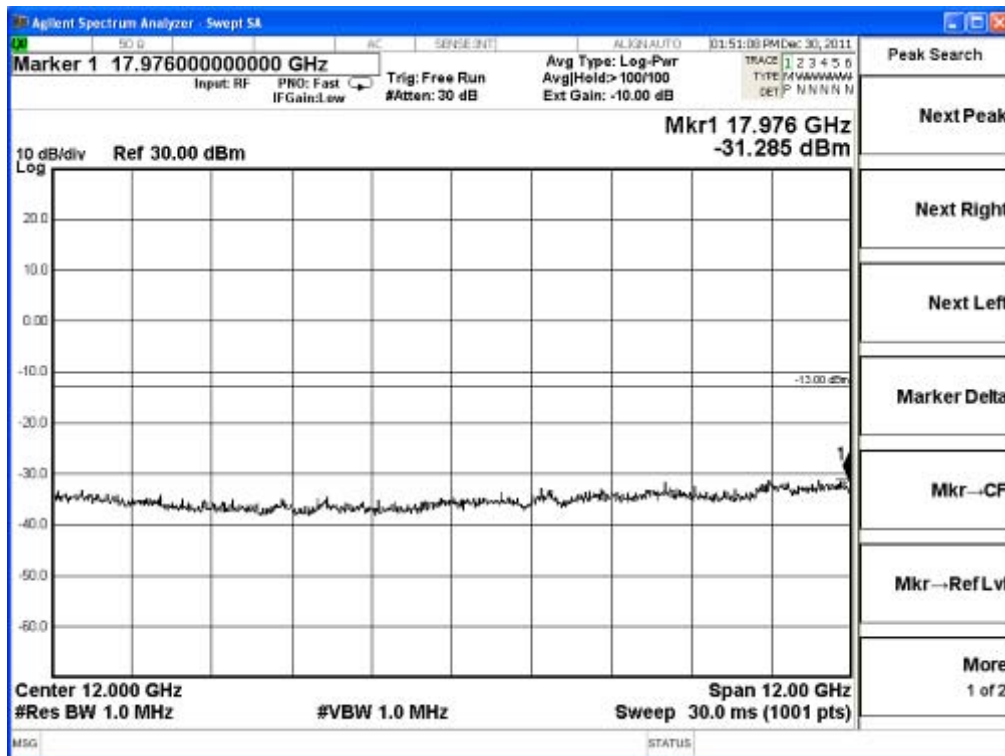
30MHz to 1GHz



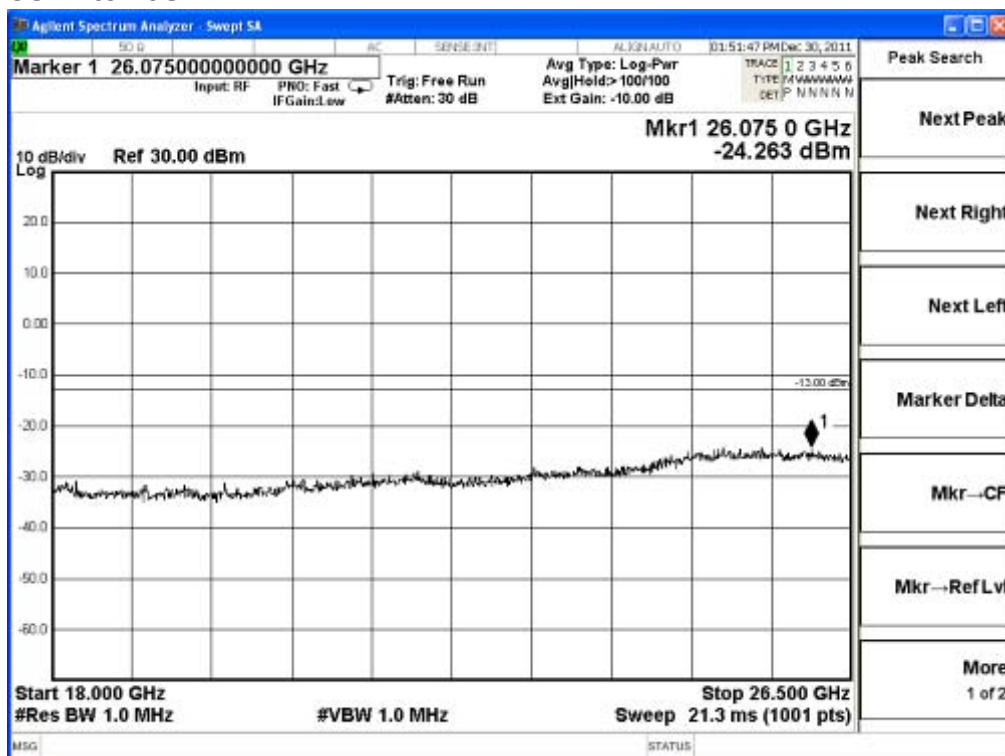
1GHz to 6GHz



## 6GHz to 18GHz



## 18GHz to 26GHz

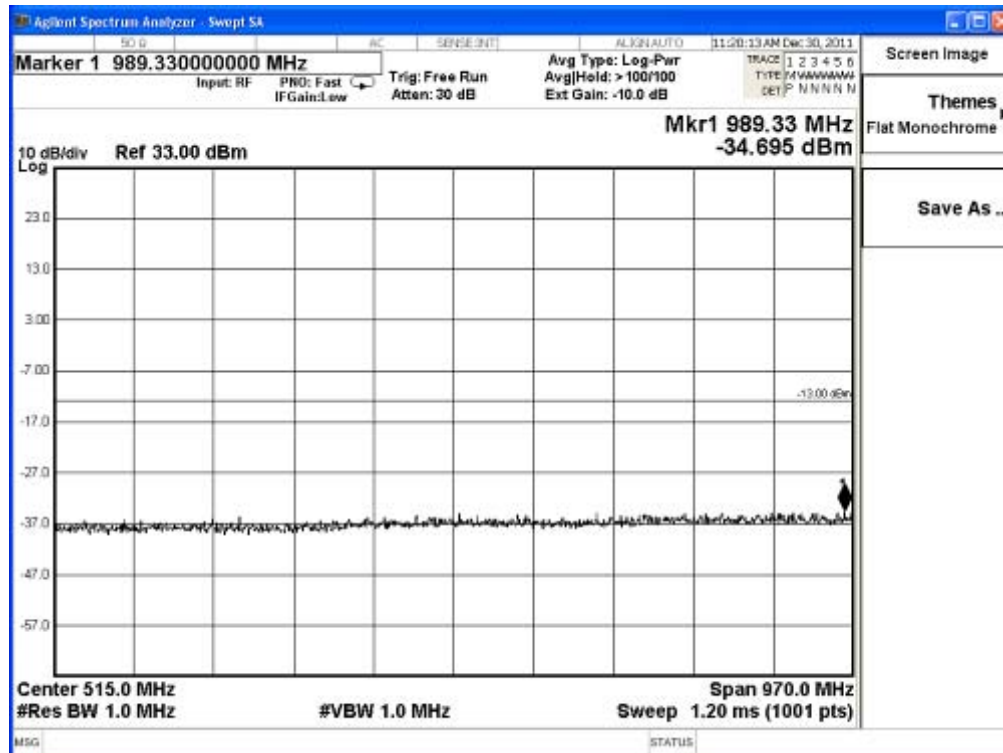


|              |                                      |           |     |
|--------------|--------------------------------------|-----------|-----|
| Product      | CPE 3.65GHz Outdoor                  |           |     |
| Test Item    | Conducted Spurious Emission          |           |     |
| Test Mode    | Mode 8: Transmit (10MHz BW_16QAM1/2) |           |     |
| Date of Test | 2011/11/19                           | Test Site | SR7 |

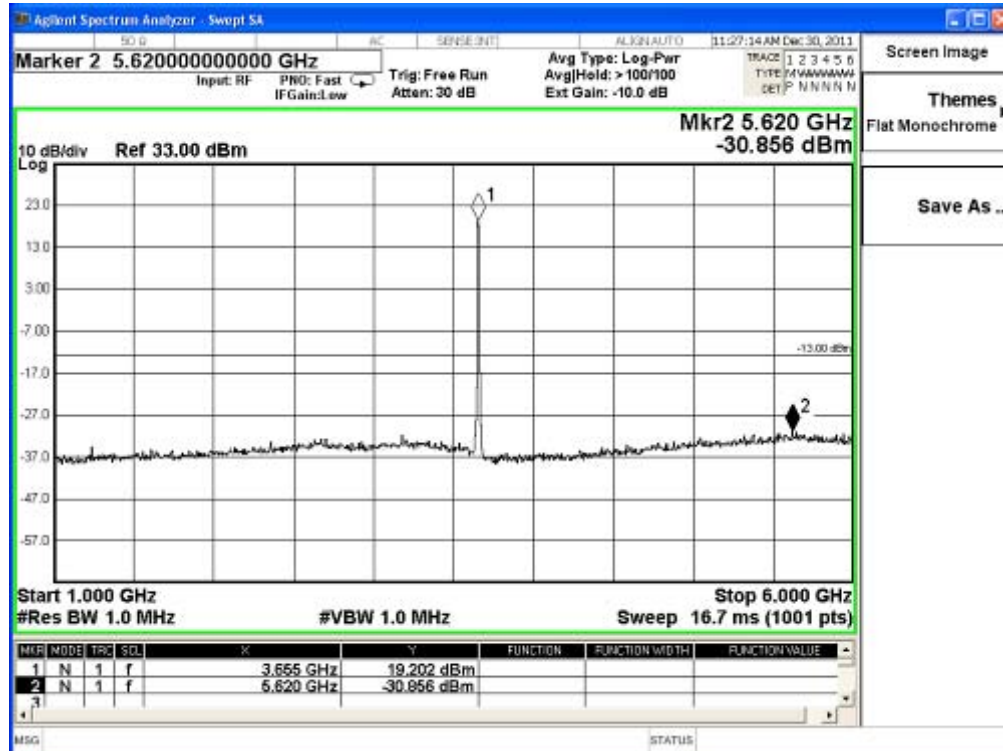
| <b>Test Mode: 10MHz 16QAM</b>    |                 |                      |             |
|----------------------------------|-----------------|----------------------|-------------|
| <b>Test Frequency: 3655MHz</b>   |                 |                      |             |
| Frequency Band (MHz)             | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
| 30-1000                          | 989.33          | -34.695              | $\leq -13$  |
| 1000-6000                        | 5620.00         | -30.856              | $\leq -13$  |
| 6000-18000                       | 16788.00        | -29.628              | $\leq -13$  |
| 18000-26500                      | 25743.50        | -24.248              | $\leq -13$  |
| <b>Test Frequency: 3662.5MHz</b> |                 |                      |             |
| Frequency Band (MHz)             | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
| 30-1000                          | 550.89          | -34.724              | $\leq -13$  |
| 1000-6000                        | 5580.00         | -31.262              | $\leq -13$  |
| 6000-18000                       | 16680.00        | -30.366              | $\leq -13$  |
| 18000-26500                      | 25956.00        | -23.985              | $\leq -13$  |
| <b>Test Frequency: 3670MHz</b>   |                 |                      |             |
| Frequency Band (MHz)             | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
| 30-1000                          | 982.54          | -34.118              | $\leq -13$  |
| 1000-6000                        | 5580.00         | -30.993              | $\leq -13$  |
| 6000-18000                       | 17460.00        | -30.715              | $\leq -13$  |
| 18000-26500                      | 25752.00        | -23.590              | $\leq -13$  |

10MHz\_3655MHz\_16QAM1/2

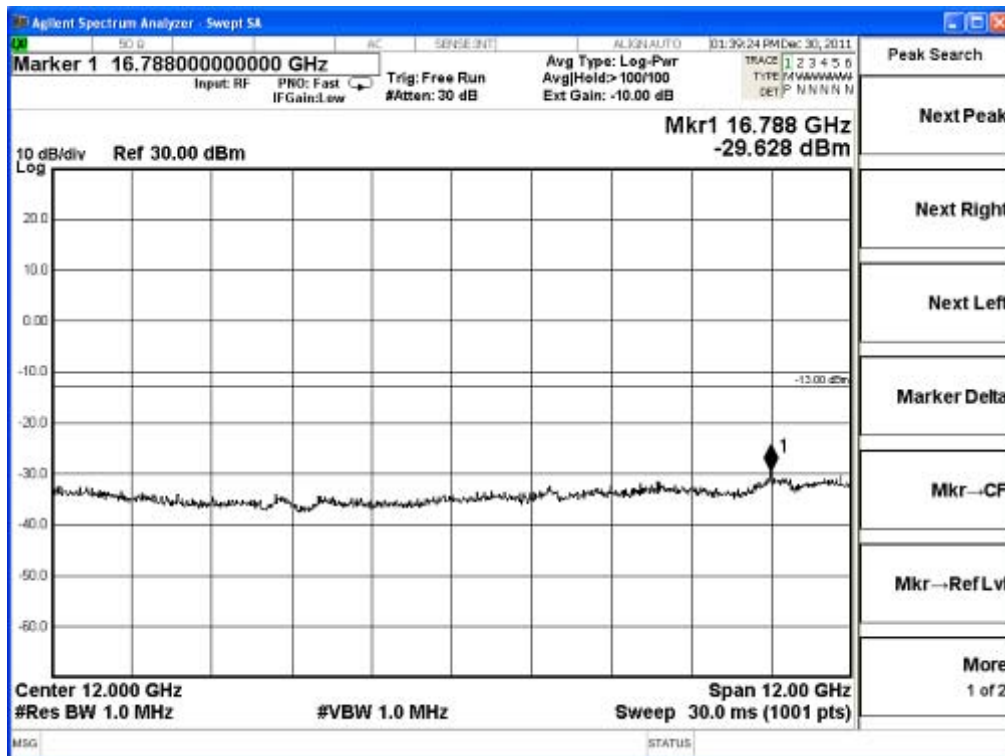
30MHz to 1GHz



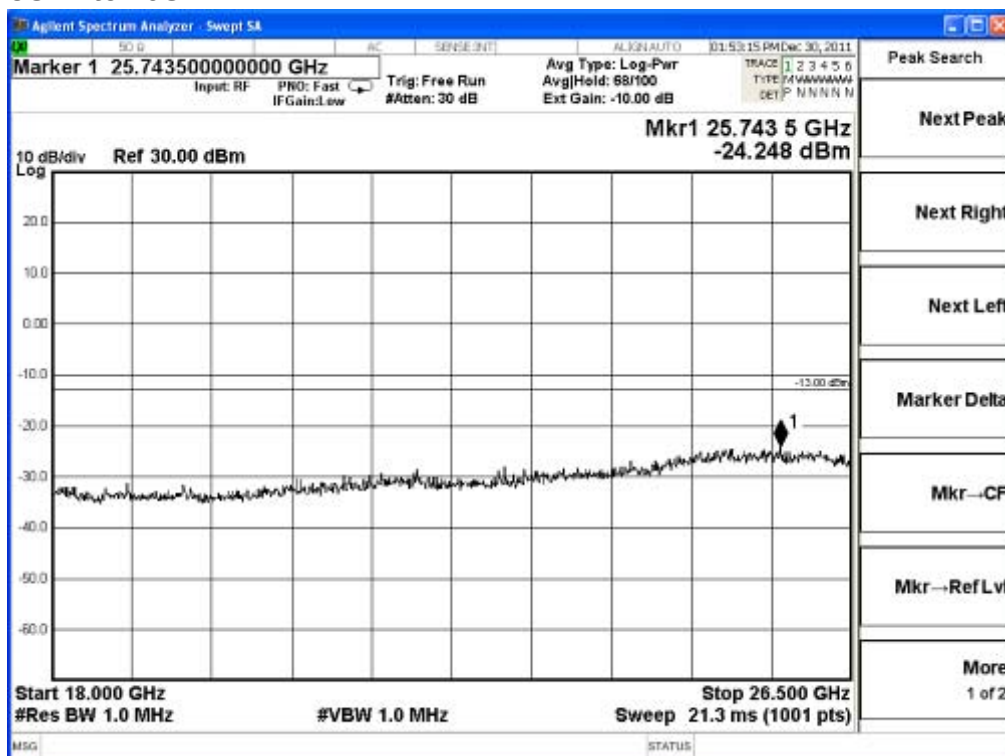
1GHz to 6GHz



## 6GHz to 18GHz

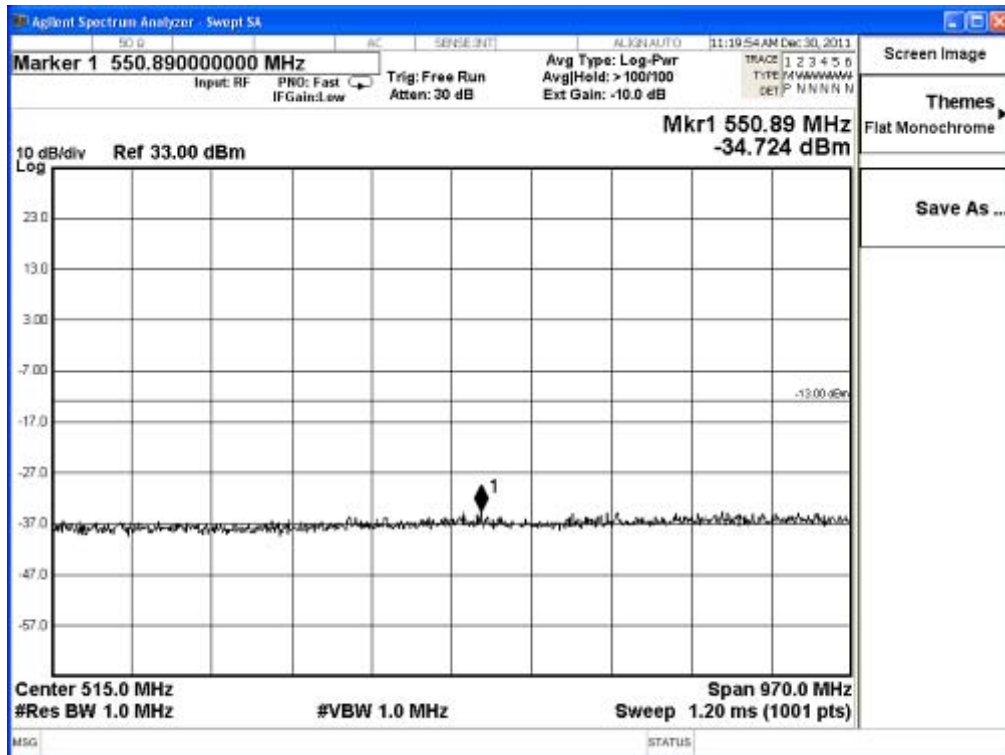


## 18GHz to 26GHz

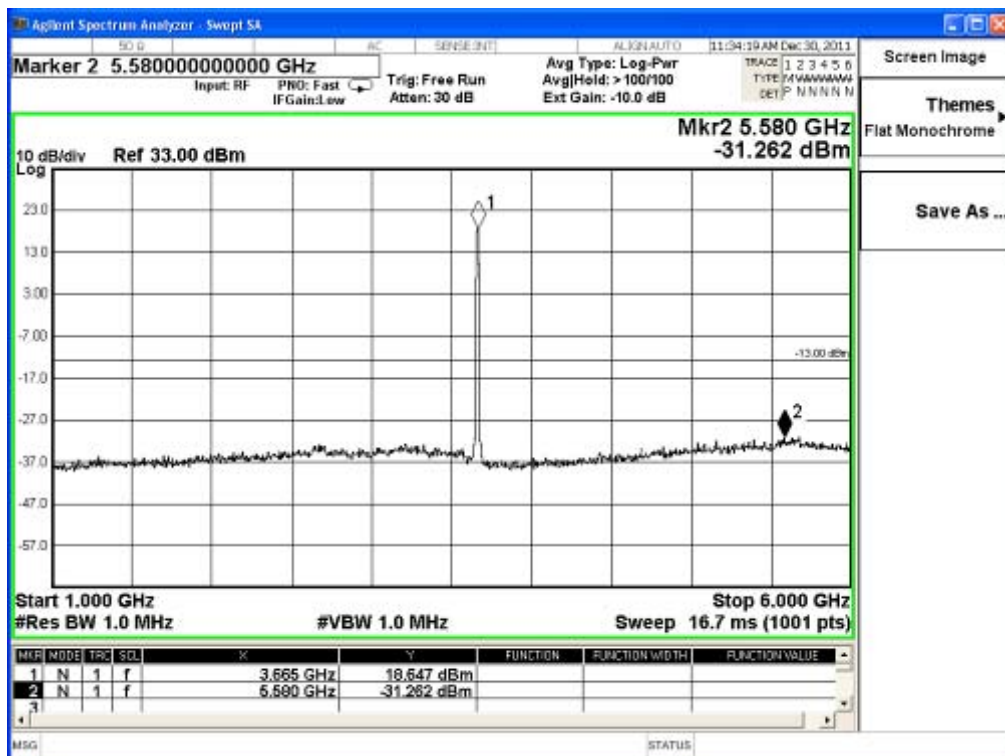


10MHz\_3662.5MHz\_16QAM1/2

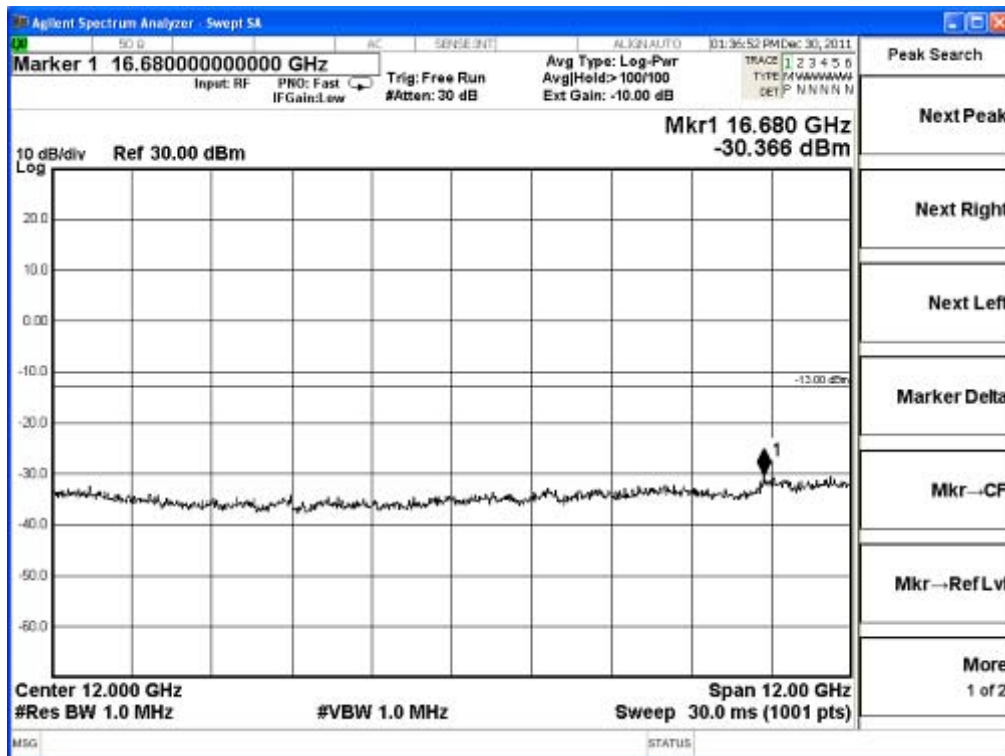
30MHz to 1GHz



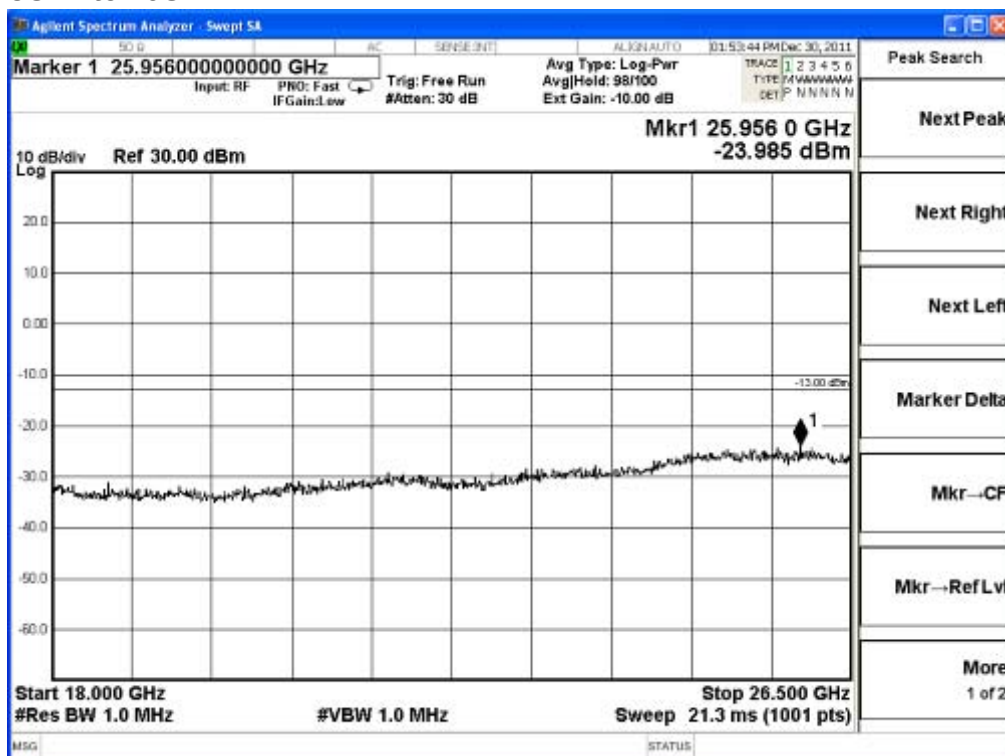
1GHz to 6GHz



## 6GHz to 18GHz

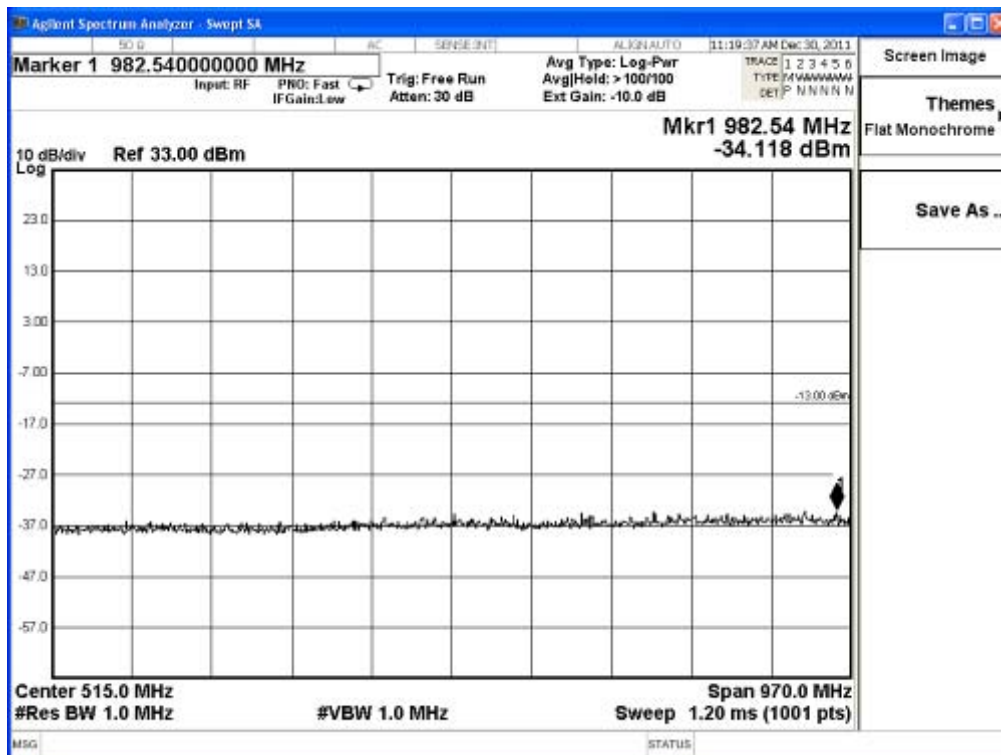


## 18GHz to 26GHz

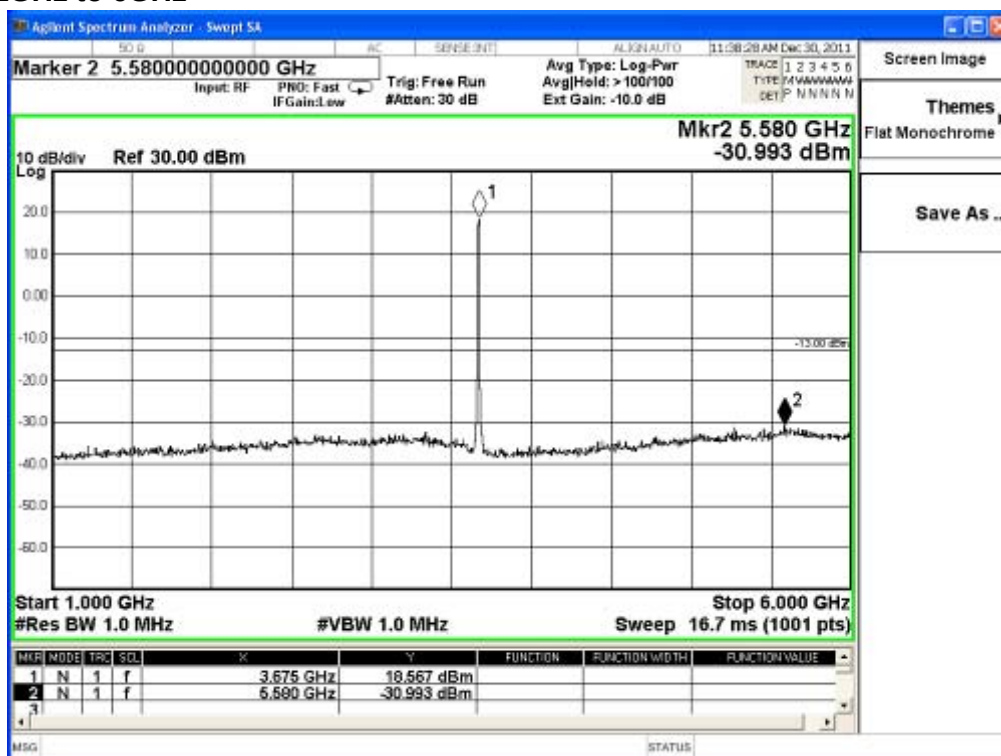


10MHz\_3670MHz\_16QAM1/2

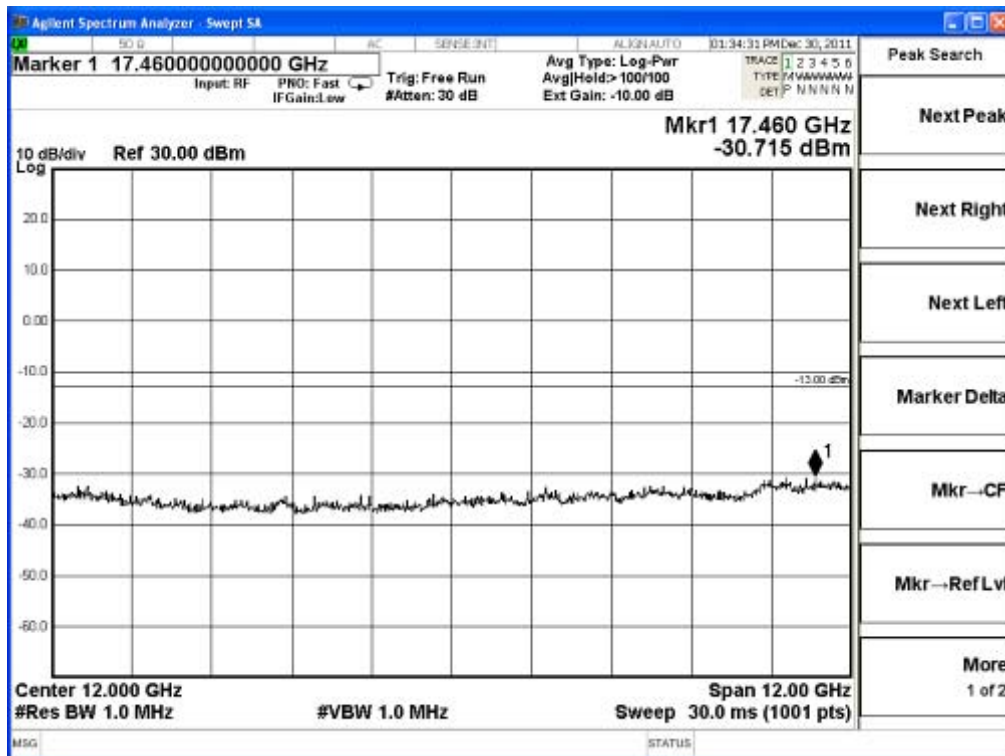
30MHz to 1GHz



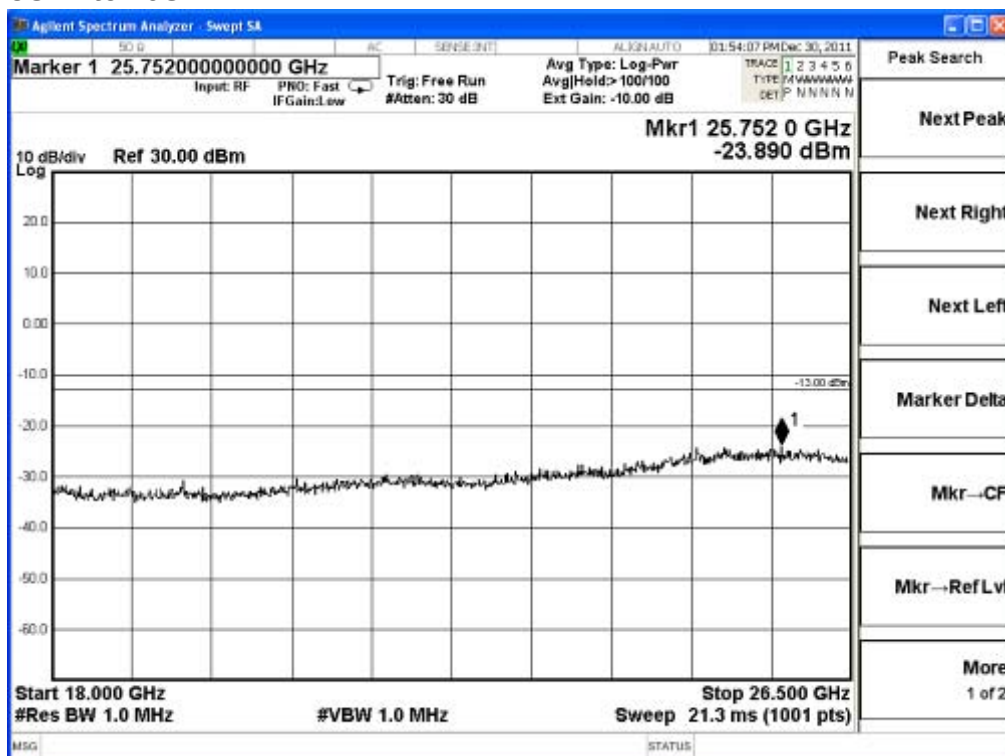
1GHz to 6GHz



## 6GHz to 18GHz



## 18GHz to 26GHz



|              |                                      |           |     |
|--------------|--------------------------------------|-----------|-----|
| Product      | CPE 3.65GHz Outdoor                  |           |     |
| Test Item    | Conducted Spurious Emission          |           |     |
| Test Mode    | Mode 9: Transmit (10MHz BW_64QAM2/3) |           |     |
| Date of Test | 2011/11/19                           | Test Site | SR7 |

**Test Mode: 10MHz 64QAM**
**Test Frequency: 3655MHz**

| Frequency Band (MHz) | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
|----------------------|-----------------|----------------------|-------------|
| 30-1000              | 490.75          | -35.234              | $\leq -13$  |
| 1000-6000            | 5630.00         | -30.932              | $\leq -13$  |
| 6000-18000           | 16908.00        | -30.298              | $\leq -13$  |
| 18000-26500          | 25454.00        | -23.738              | $\leq -13$  |

**Test Frequency: 3662.5MHz**

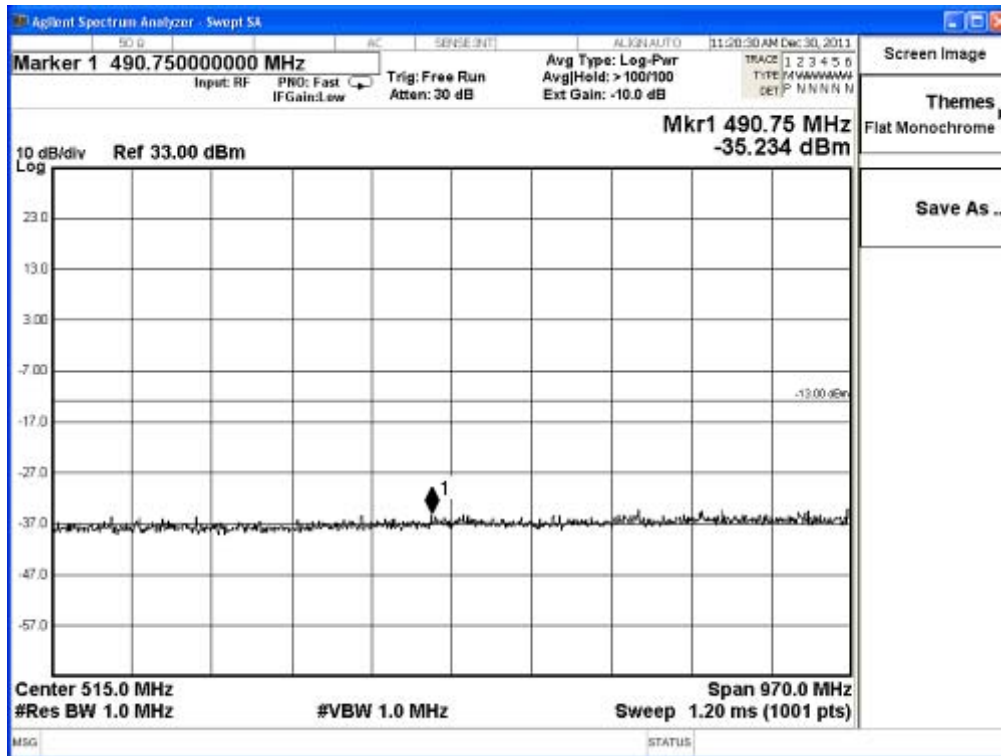
| Frequency Band (MHz) | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
|----------------------|-----------------|----------------------|-------------|
| 30-1000              | 848.68          | -34.521              | $\leq -13$  |
| 1000-6000            | 5615.00         | -31.027              | $\leq -13$  |
| 6000-18000           | 16992.00        | -30.383              | $\leq -13$  |
| 18000-26500          | 25259.00        | -24.008              | $\leq -13$  |

**Test Frequency: 3670MHz**

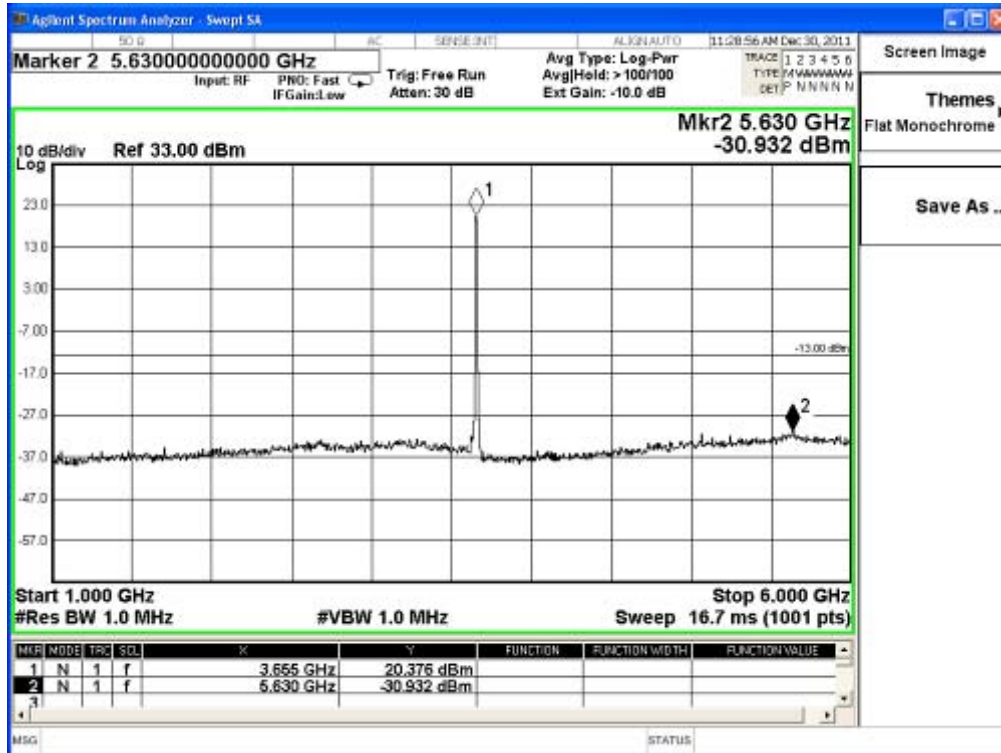
| Frequency Band (MHz) | Frequency (MHz) | Measured Value (dBm) | Limit (dBm) |
|----------------------|-----------------|----------------------|-------------|
| 30-1000              | 807.94          | -33.883              | $\leq -13$  |
| 1000-6000            | 5745.00         | -31.275              | $\leq -13$  |
| 6000-18000           | 17004.00        | -30.448              | $\leq -13$  |
| 18000-26500          | 25454.50        | -23.741              | $\leq -13$  |

10MHz\_3655MHz\_64QAM2/3

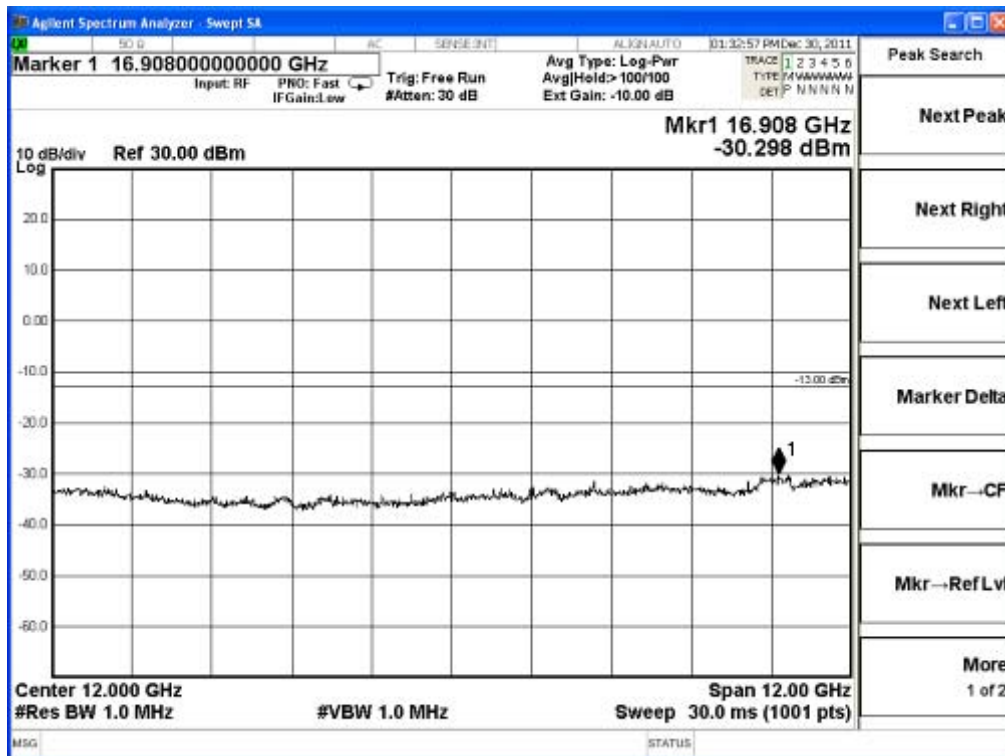
30MHz to 1GHz



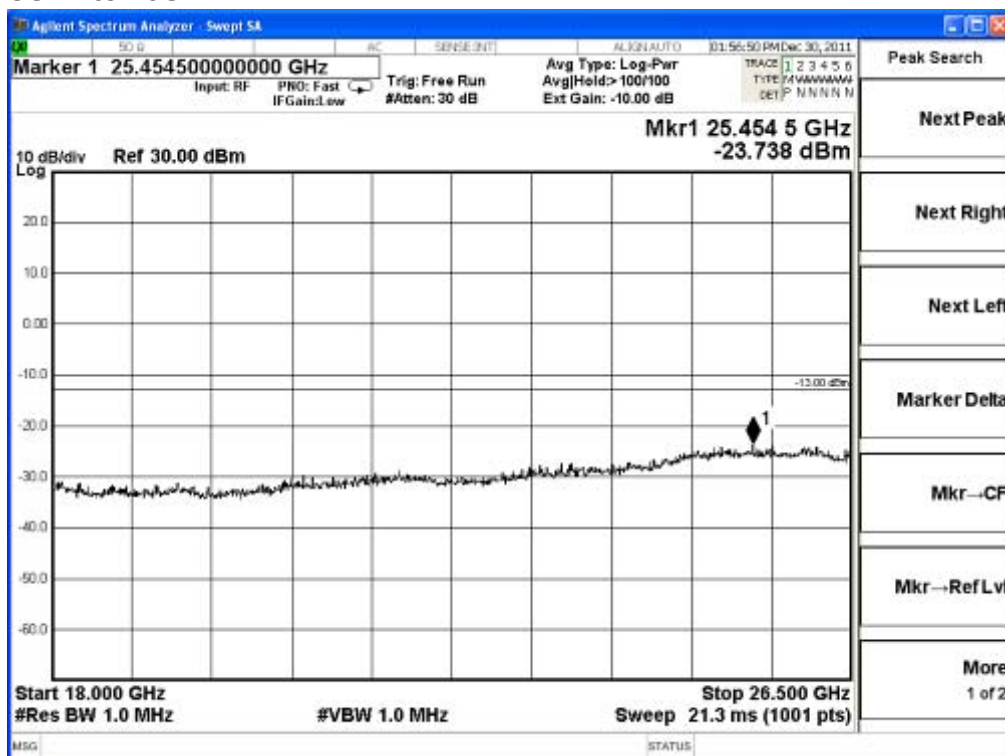
1GHz to 6GHz



## 6GHz to 18GHz

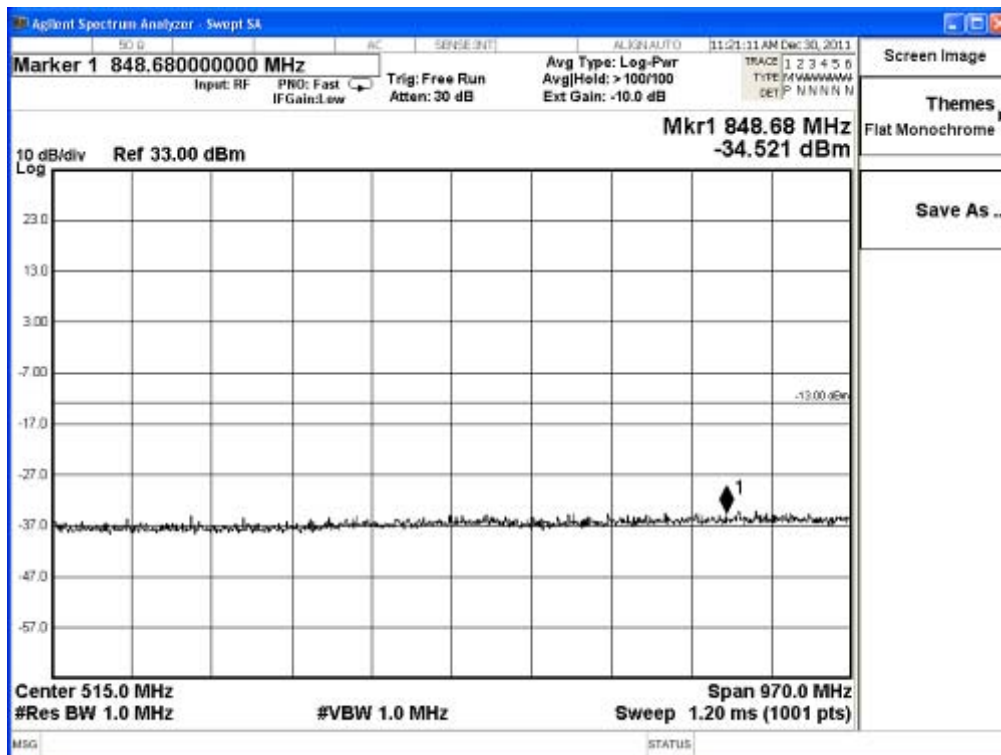


## 18GHz to 26GHz

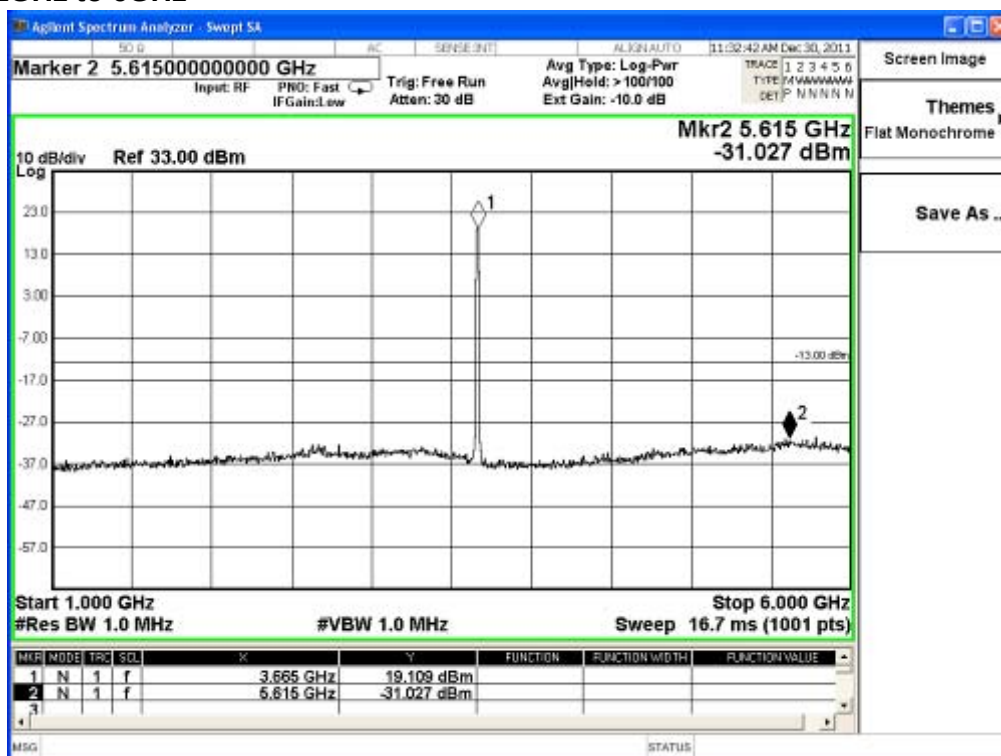


10MHz\_3662.5MHz\_64QAM2/3

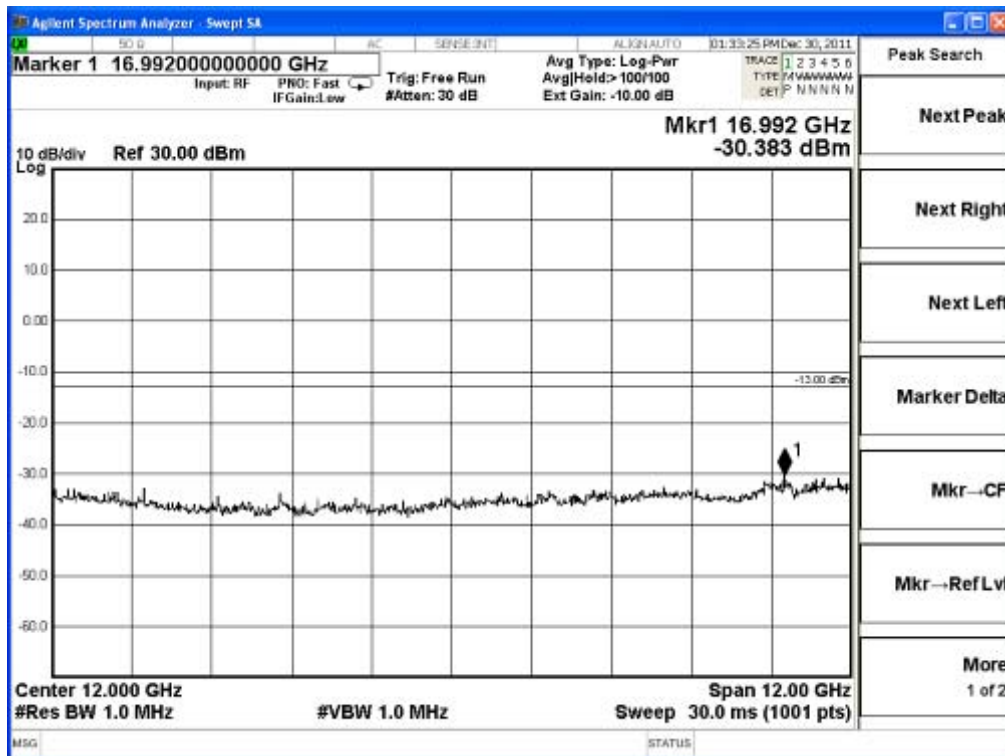
30MHz to 1GHz



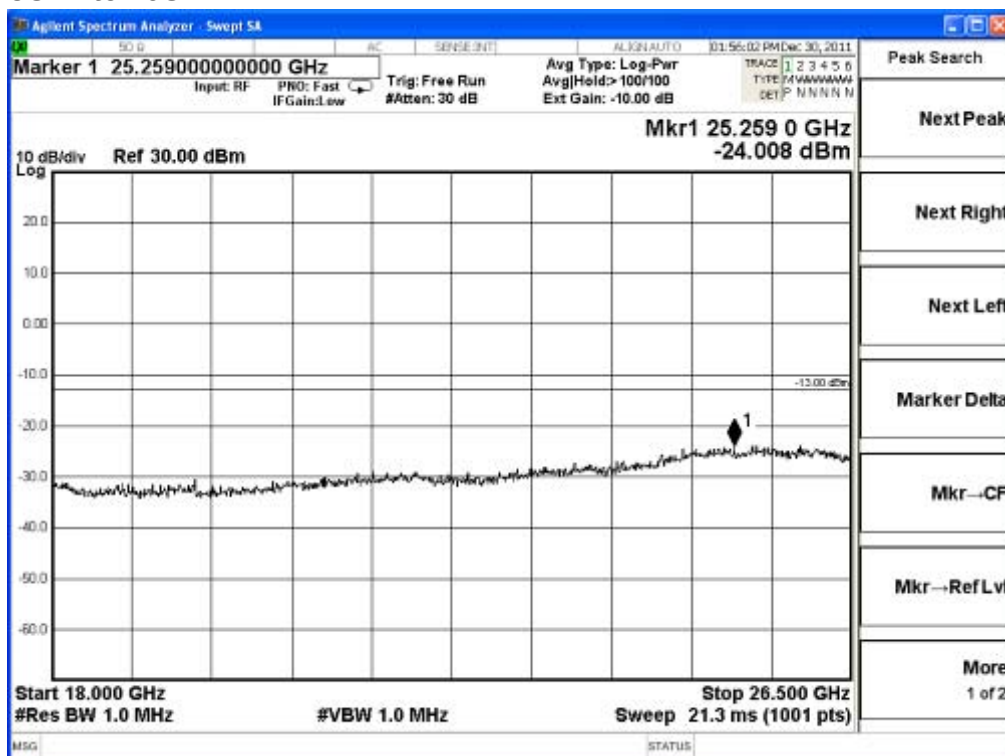
1GHz to 6GHz



## 6GHz to 18GHz

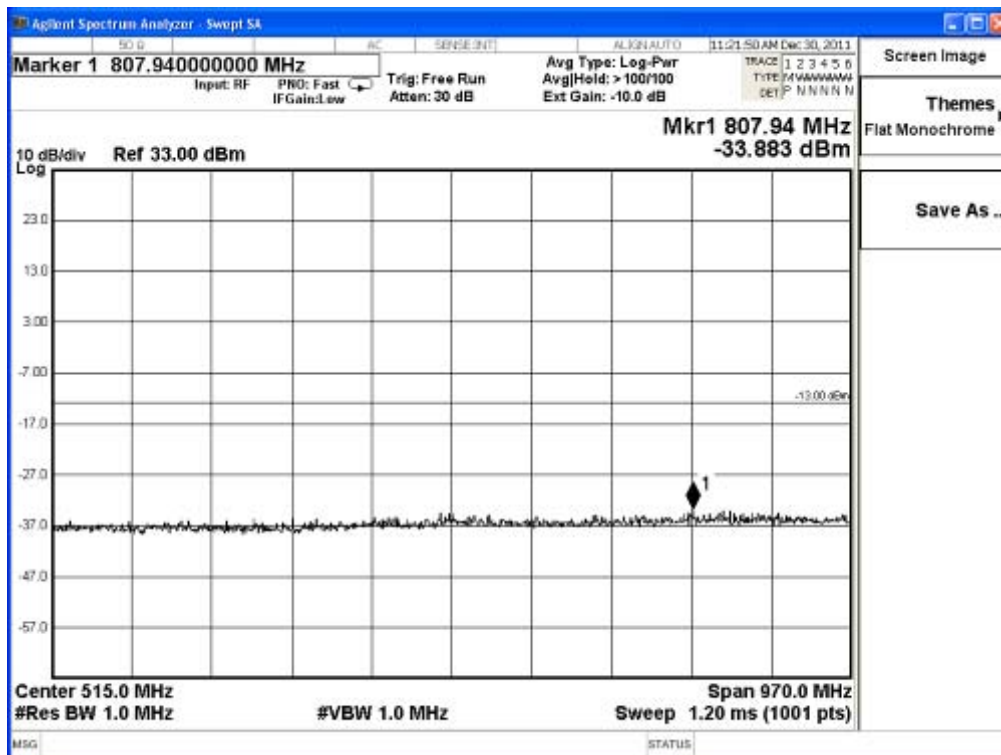


## 18GHz to 26GHz

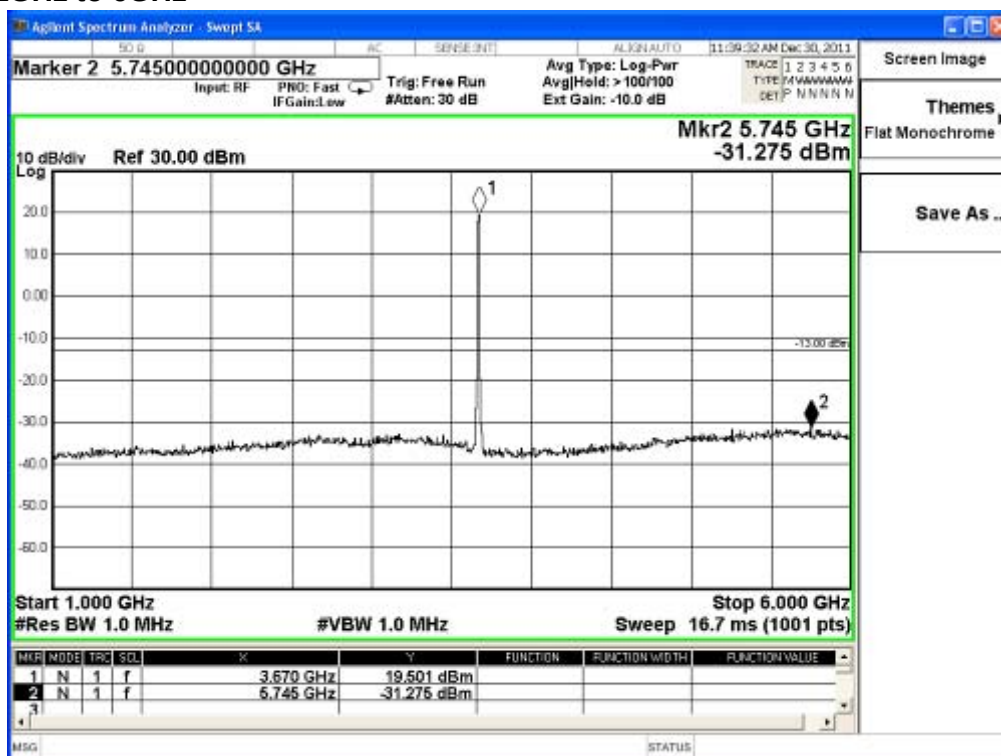


10MHz\_3670MHz\_64QAM2/3

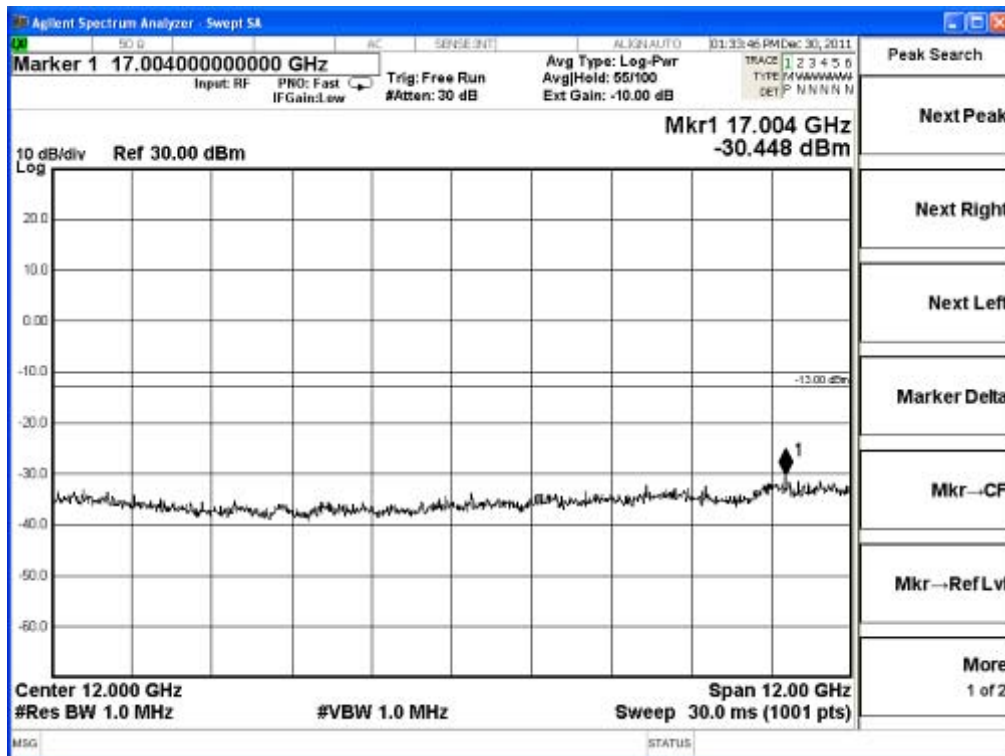
30MHz to 1GHz



1GHz to 6GHz



## 6GHz to 18GHz



## 18GHz to 26GHz

