

Product	CBS 3.65GHz
Test Item	Conducted Spurious Emission
Test Mode	Mode 3: Transmit (3.5MHz BW_64QAM2/3)

Test Mode: 3.5MHz 64QAM Ant0

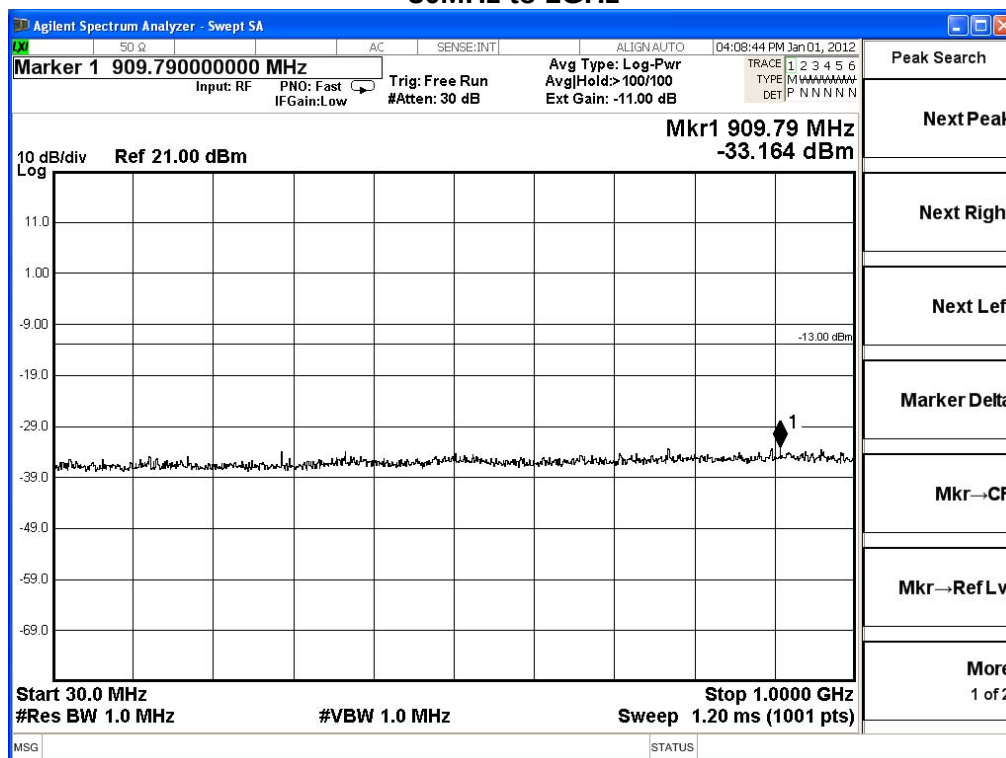
Test Frequency: 3651.75MHz			
Frequency Band (MHz)	Frequency (MHz)	Measured Value (dBm)	Limit (dBm)
30-1000	909.79	-33.164	≤ -13
1000-6000	3735.00	-21.248	≤ -13
6000-18000	17040.00	-30.282	≤ -13
18000-26500	25667.00	-23.124	≤ -13

Test Frequency: 3662.5MHz			
Frequency Band (MHz)	Frequency (MHz)	Measured Value (dBm)	Limit (dBm)
30-1000	824.43	-33.438	≤ -13
1000-6000	3745.00	-19.960	≤ -13
6000-18000	17556.00	-29.156	≤ -13
18000-26500	26092.00	-23.337	≤ -13

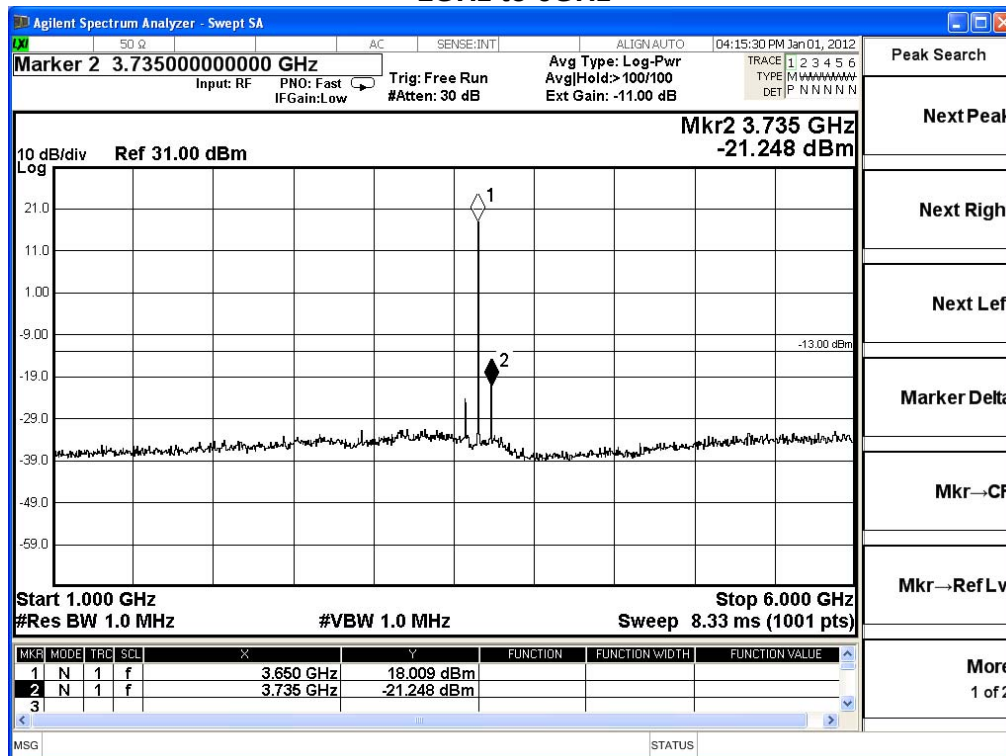
Test Frequency: 3673.25MHz			
Frequency Band (MHz)	Frequency (MHz)	Measured Value (dBm)	Limit (dBm)
30-1000	915.61	-32.849	≤ -13
1000-6000	3755.00	-19.013	≤ -13
6000-18000	16740.00	-30.172	≤ -13
18000-26500	25641.5	-22.897	≤ -13

3.5MHz_3651.75MHz_64QAM2/3 (ANT 0)

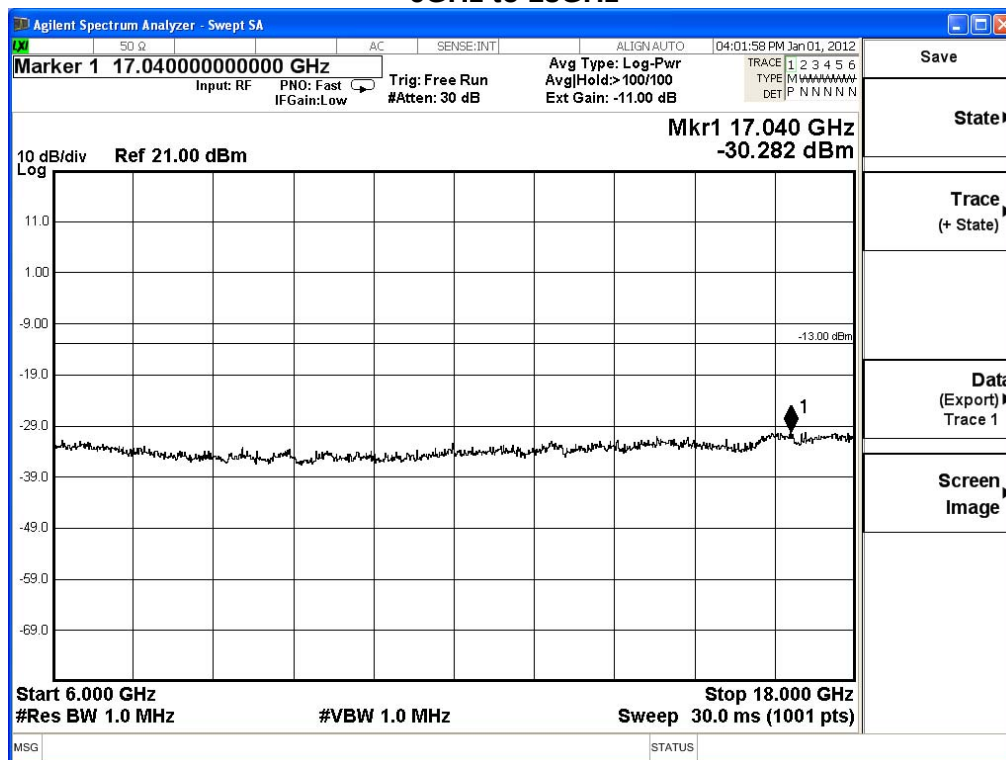
30MHz to 1GHz



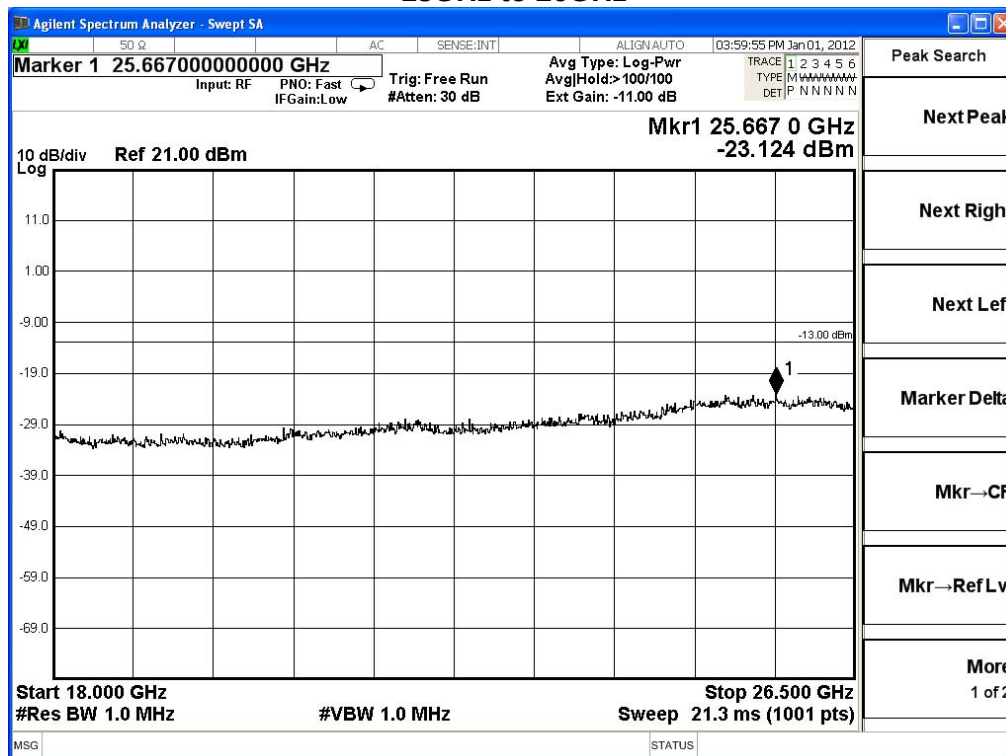
1GHz to 6GHz



6GHz to 18GHz

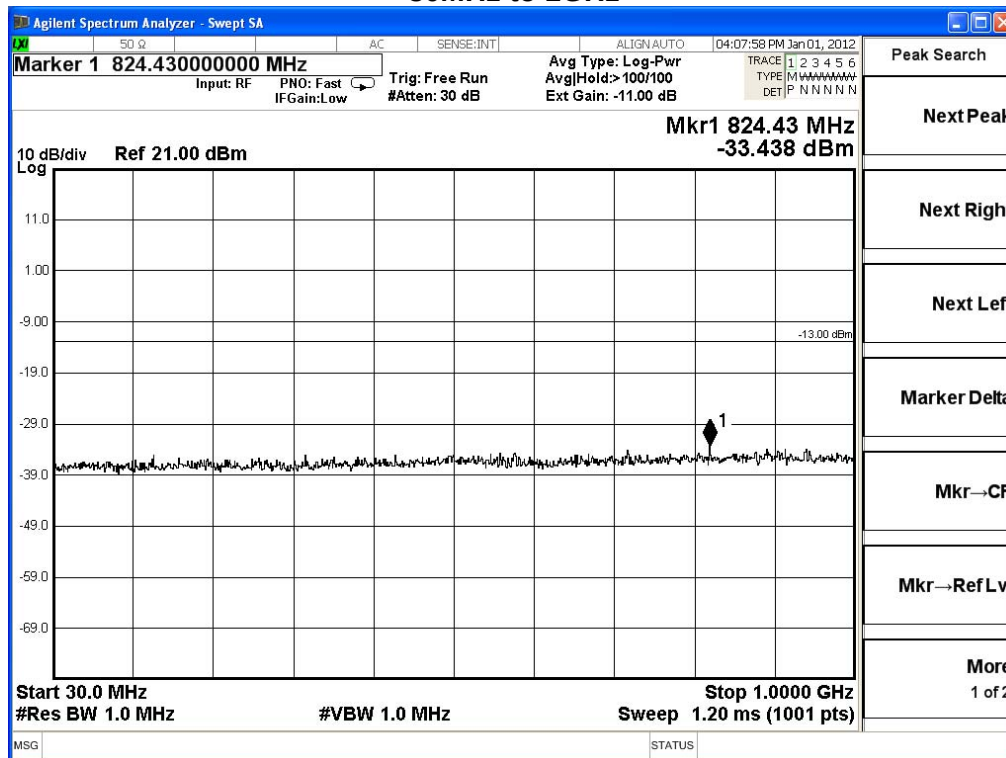


18GHz to 26GHz

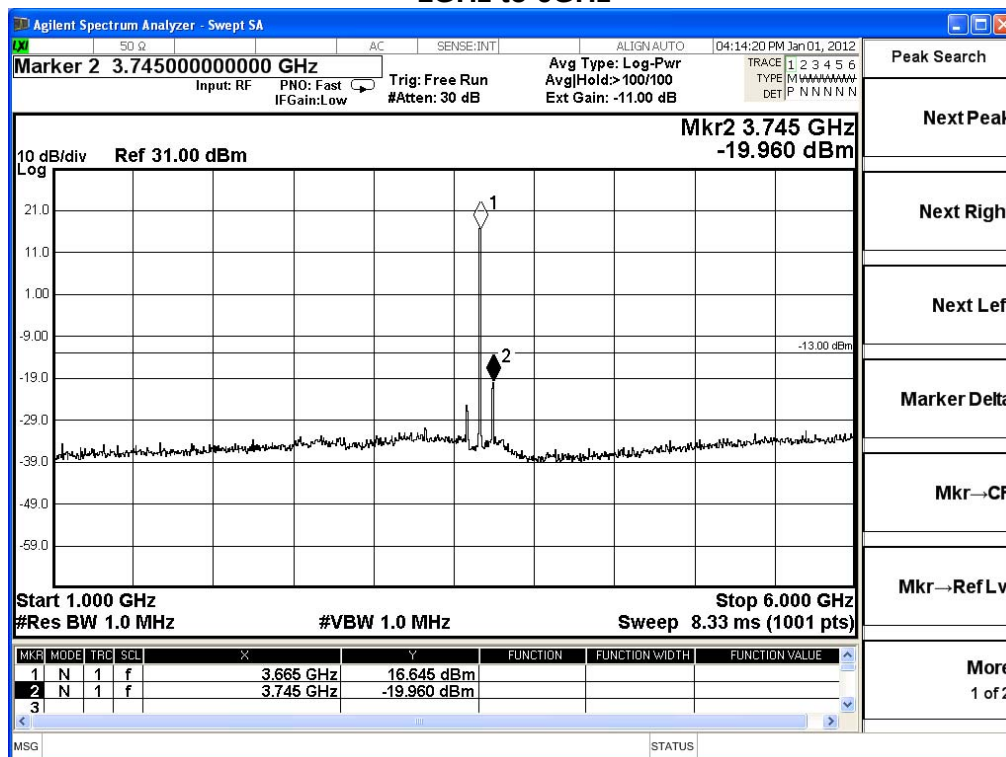


3.5MHz_3662.5MHz_64QAM2/3 (ANT 0)

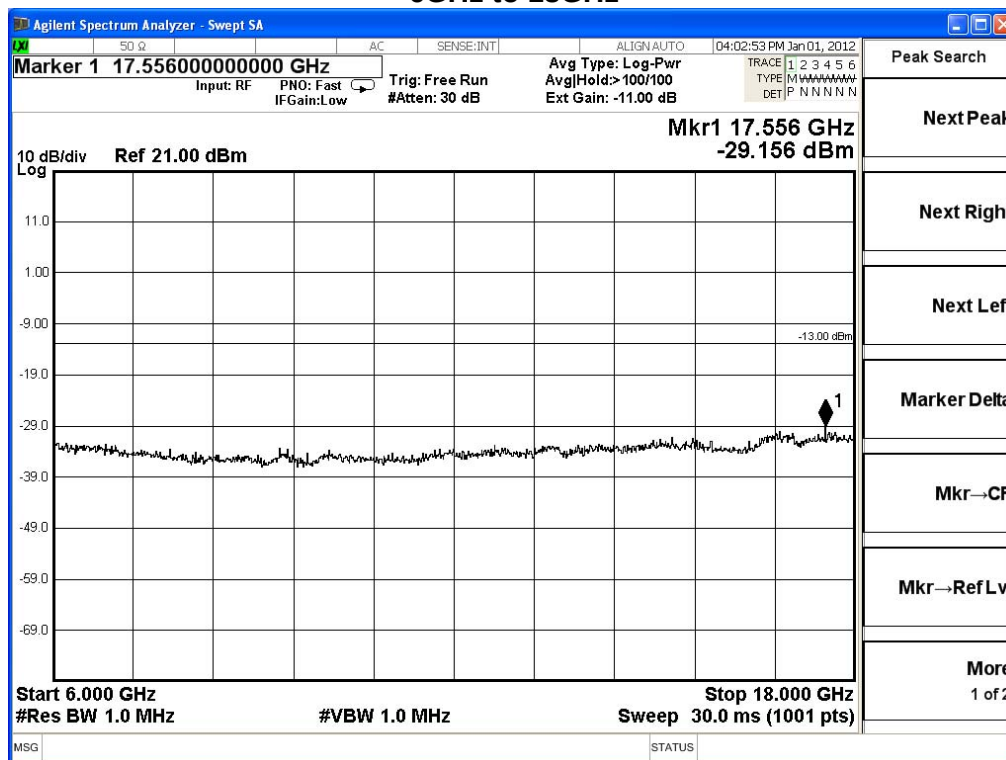
30MHz to 1GHz



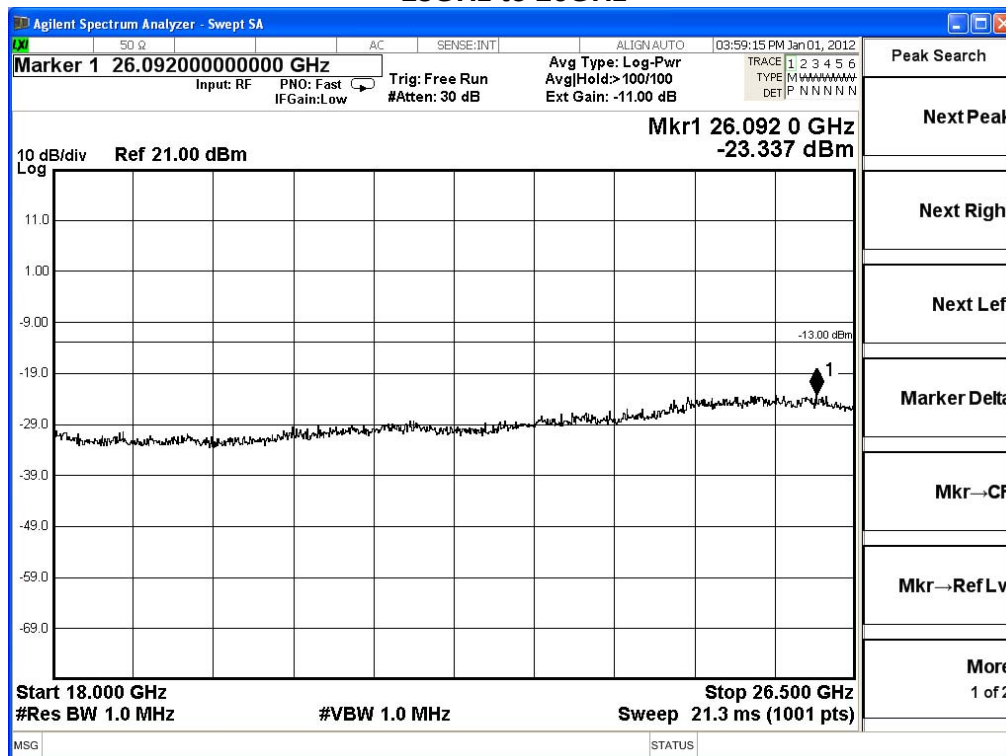
1GHz to 6GHz



6GHz to 18GHz

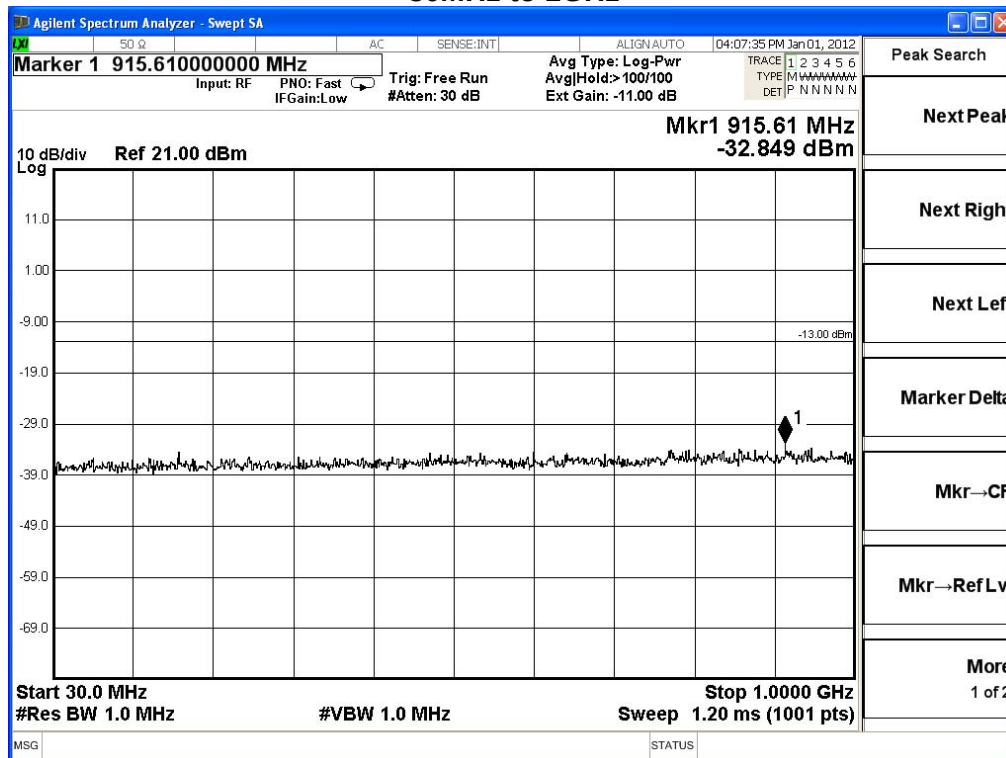


18GHz to 26GHz

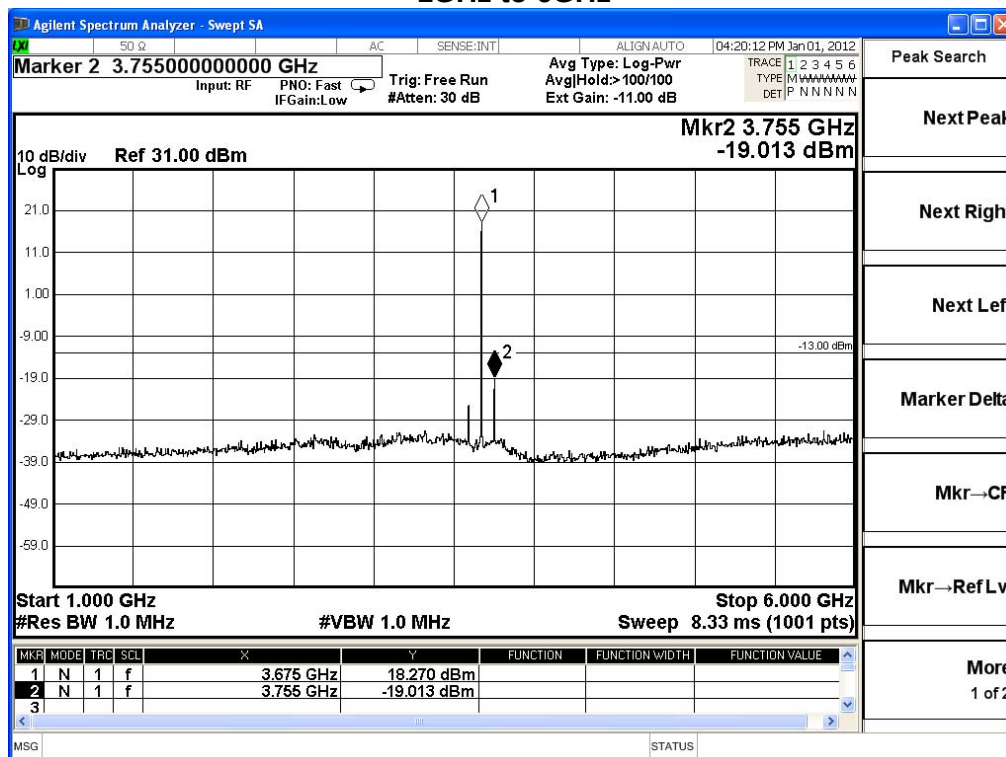


3.5MHz_3673.25MHz_64QAM2/3 (ANT 0)

30MHz to 1GHz



1GHz to 6GHz



Agilent Spectrum Analyzer - Swept SA

50 Ω AC SENSE:INT ALIGN: AUTO 04:03:38 PM Jan 01, 2012

Marker 1 16.740000000000 GHz

Input: RF PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB

Avg Type: Log-Pwr Avg/Hold: >100/100 Ext Gain: -11.00 dB

TRACE 1: 2 3 4 5 6 TYPE M M M M M M M M DET P N N N N N N

Peak Search

Next Peak

Next Right

Next Left

Marker Delta

Mkr → CF

Mkr → Ref Lvl

More

1 of 2

10 dB/div Ref 21.00 dBm

Log

Mkr1 16.740 GHz -30.172 dBm

-13.00 dBm

1

Start 6.000 GHz Stop 18.000 GHz

#Res BW 1.0 MHz #VBW 1.0 MHz Sweep 30.0 ms (1001 pts)

MSG STATUS

Agilent Spectrum Analyzer - Swept SA

50 Ω AC SENSE:INT ALIGN:AUTO 03:58:28 PM Jan 01, 2012

Marker 1 25.641500000000 GHz

Input: RF PNO: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB Avg Type: Log-Pwr Avg/Hold: >100/100 Ext Gain: -11.00 dB

TRACE 1: 2 3 4 5 6
TYPE M M M M M M M M
DET P N N N N N N

**Mkr1 25.641 5 GHz
-22.897 dBm**

10 dB/div Ref 21.00 dBm

-13.00 dBm

Start 18.000 GHz Stop 26.500 GHz
#Res BW 1.0 MHz Sweep 21.3 ms (1001 pts)

MSG STATUS

Peak Search Next Peak Next Right Next Left Marker Delta Mkr→CF Mkr→Ref LV More 1 of 2

Product	CBS 3.65GHz
Test Item	Conducted Spurious Emission
Test Mode	Mode 3: Transmit (3.5MHz BW_64QAM2/3)

Test Mode: 3.5MHz 64QAM Ant1

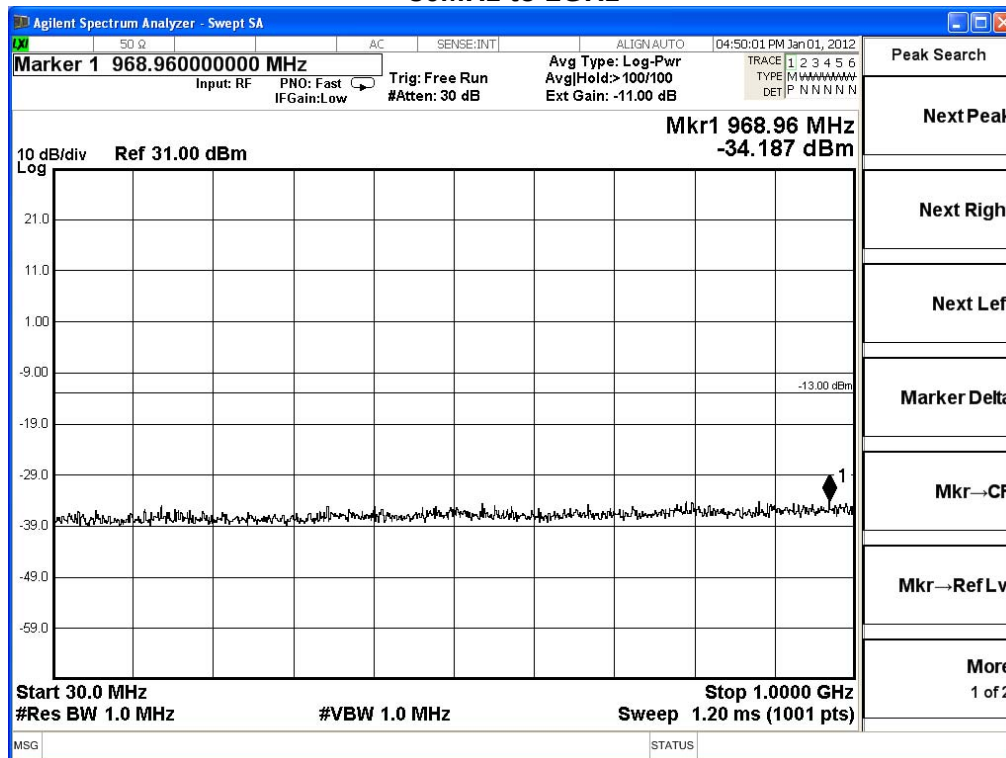
Test Frequency: 3651.75MHz			
Frequency Band (MHz)	Frequency (MHz)	Measured Value (dBm)	Limit (dBm)
30-1000	968.96	-34.187	≤ -13
1000-6000	3730.00	-18.453	≤ -13
6000-18000	17724.00	-29.836	≤ -13
18000-26500	25488.50	-23.607	≤ -13

Test Frequency: 3662.5MHz			
Frequency Band (MHz)	Frequency (MHz)	Measured Value (dBm)	Limit (dBm)
30-1000	799.21	-33.373	≤ -13
1000-6000	3745.00	-20.142	≤ -13
6000-18000	16788.00	-30.593	≤ -13
18000-26500	25429.00	-23.195	≤ -13

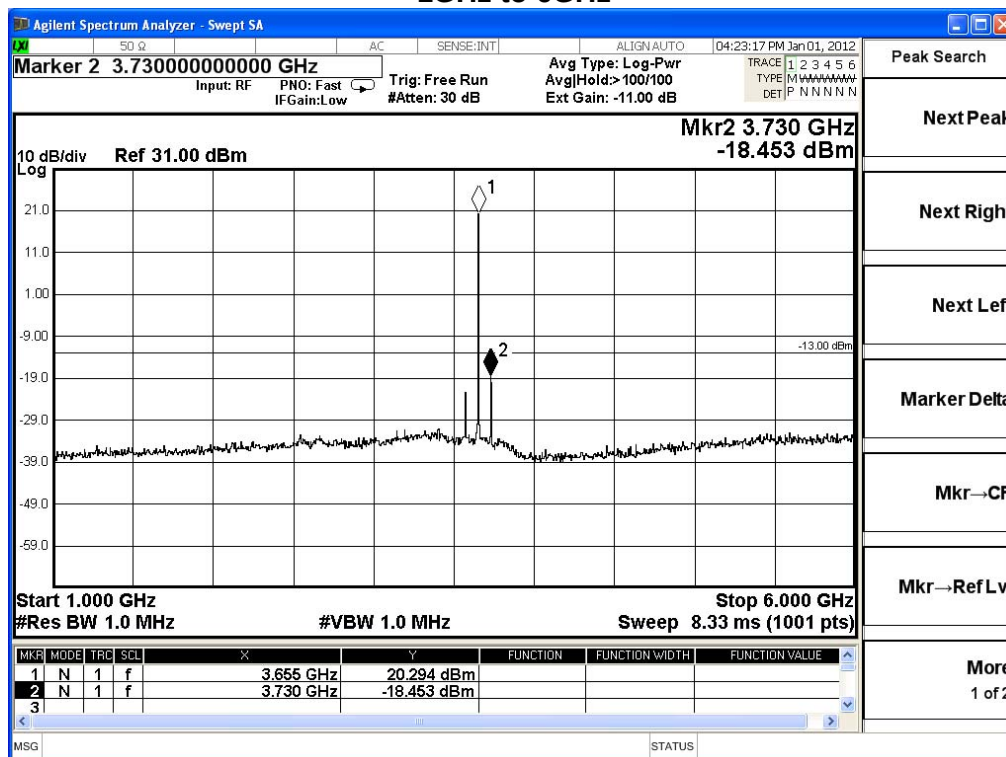
Test Frequency: 3673.25MHz			
Frequency Band (MHz)	Frequency (MHz)	Measured Value (dBm)	Limit (dBm)
30-1000	792.42	-33.935	≤ -13
1000-6000	3755.00	-17.792	≤ -13
6000-18000	16956.00	-29.944	≤ -13
18000-26500	25981.50	-23.201	≤ -13

3.5MHz_3651.75MHz_64QAM2/3 (ANT 1)

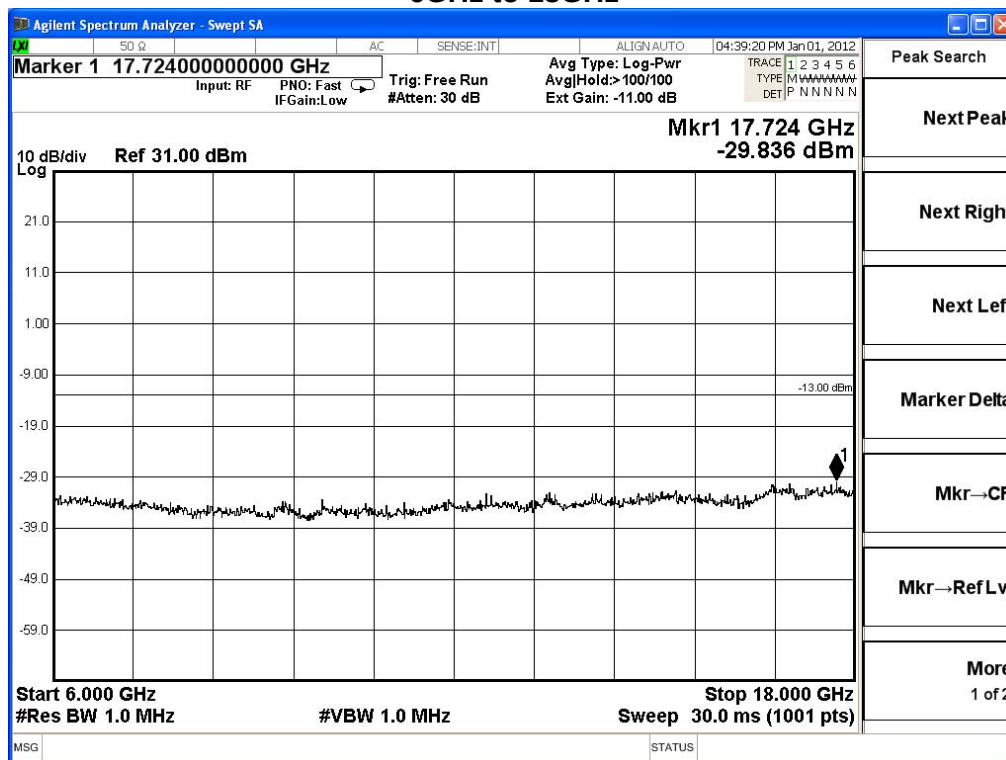
30MHz to 1GHz



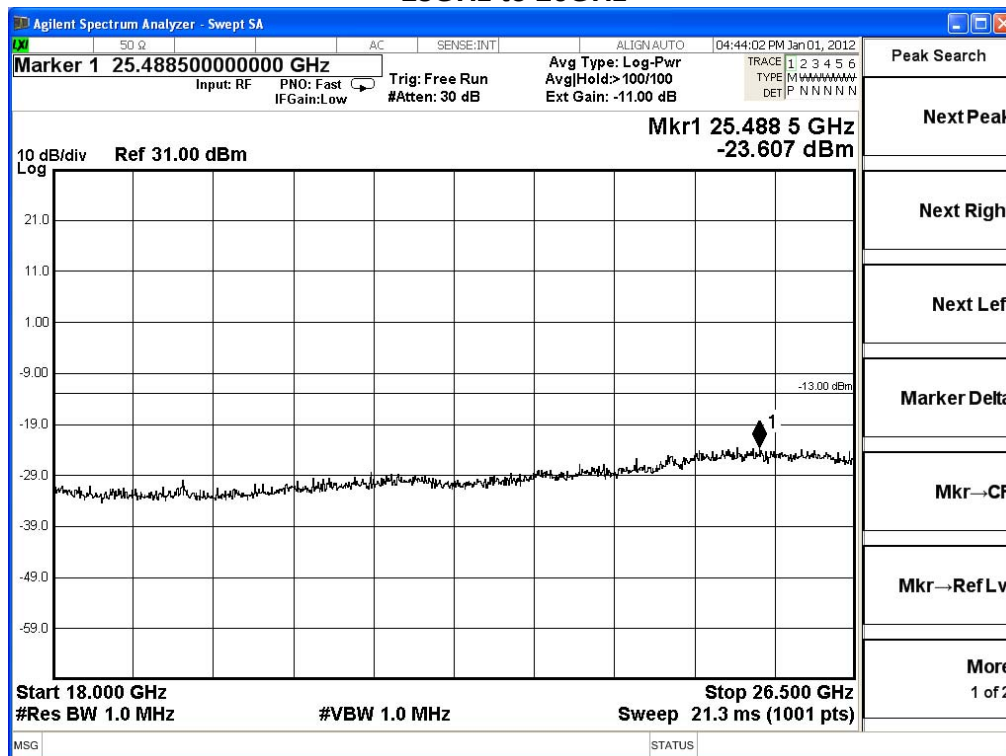
1GHz to 6GHz



6GHz to 18GHz

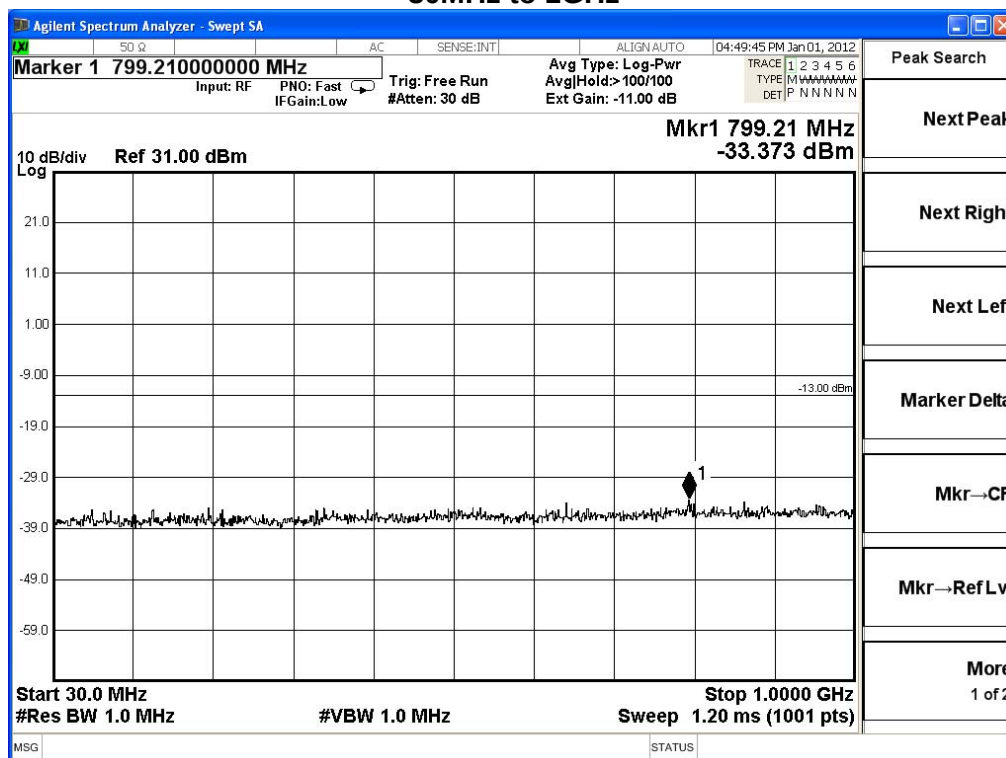


18GHz to 26GHz

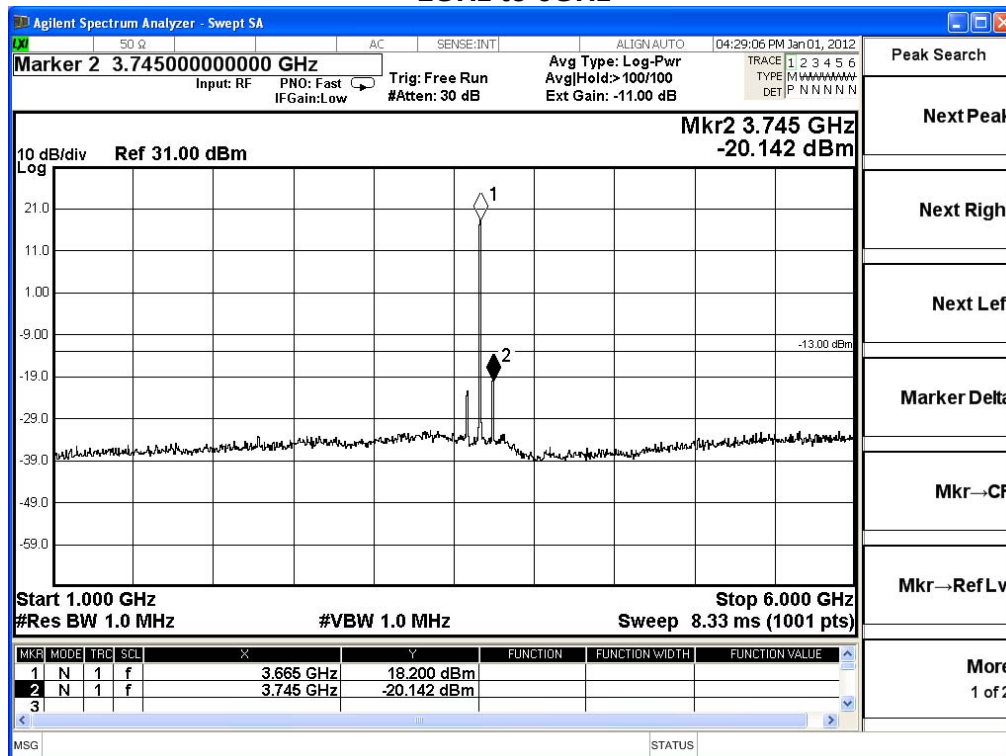


3.5MHz_3662.5MHz_64QAM2/3 (ANT 1)

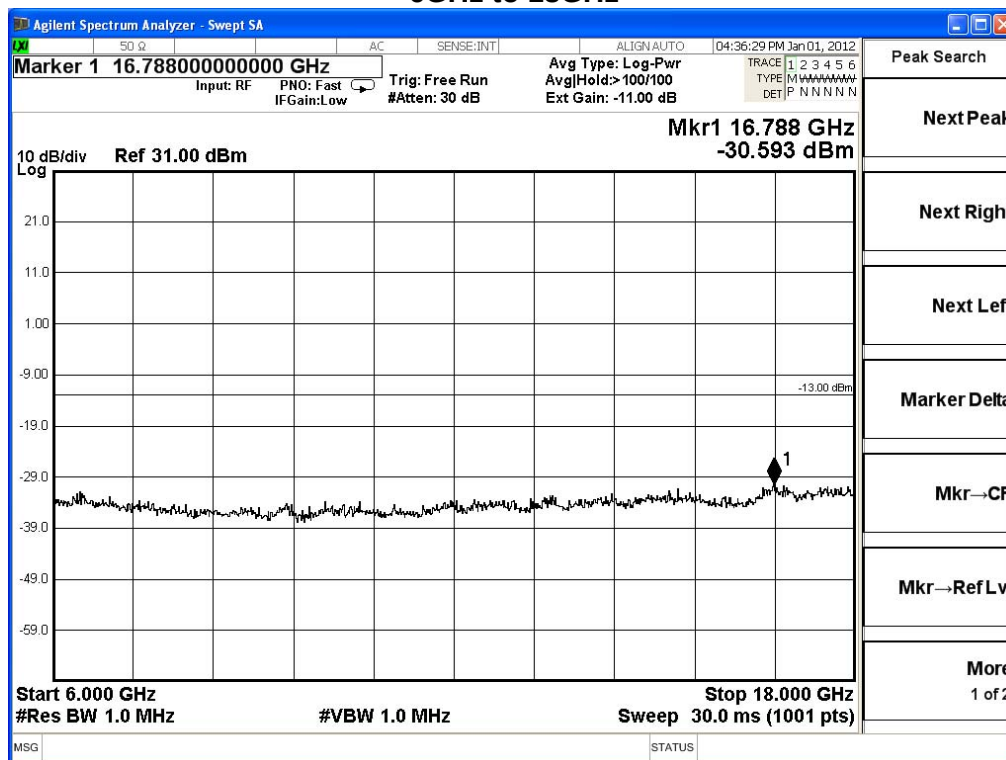
30MHz to 1GHz



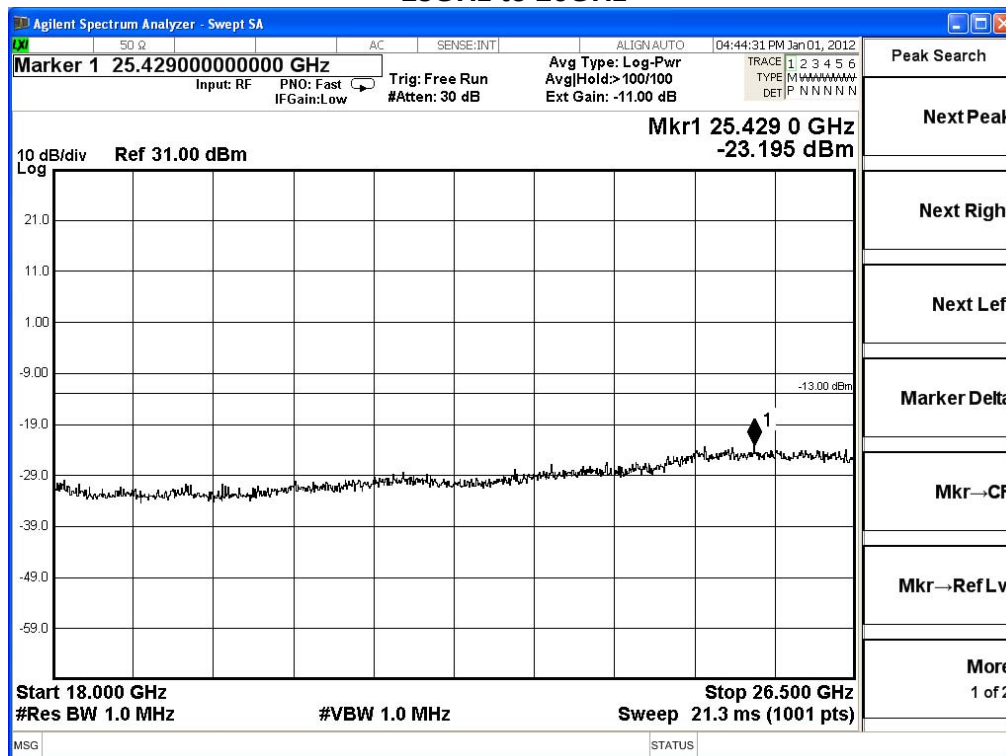
1GHz to 6GHz



6GHz to 18GHz

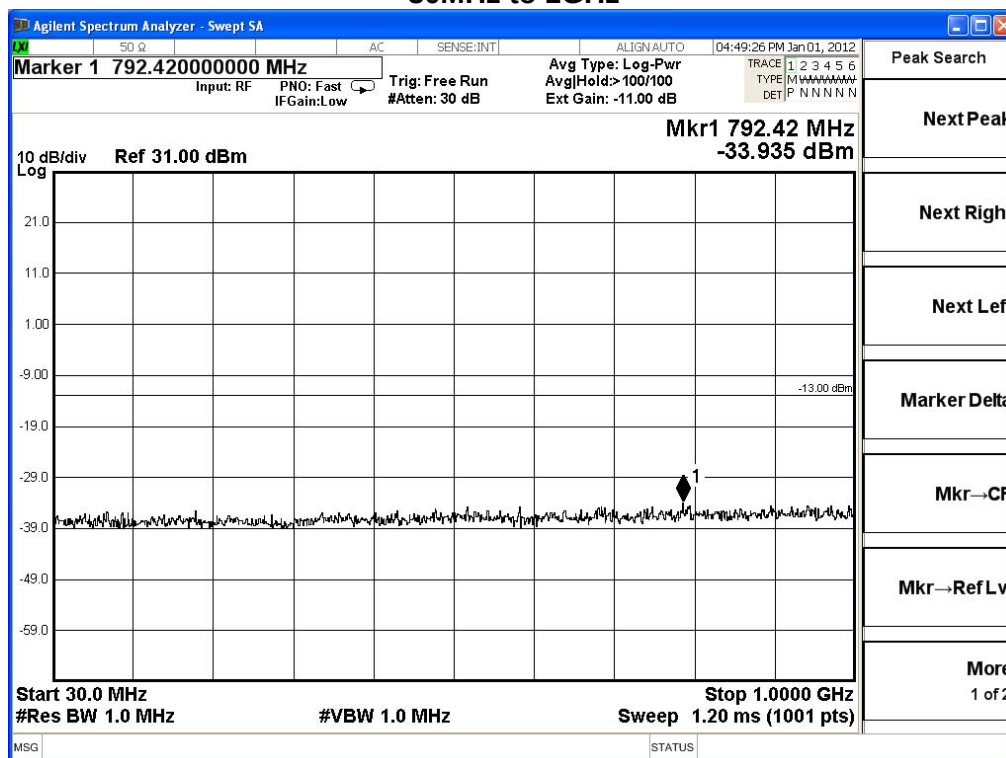


18GHz to 26GHz

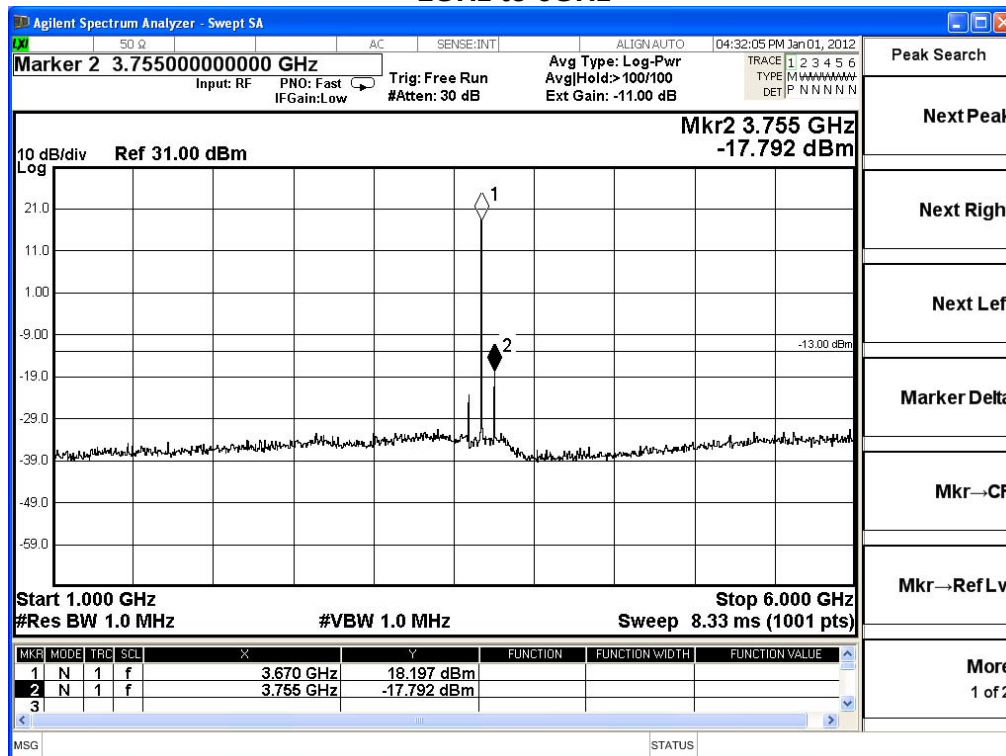


3.5MHz_3673.25MHz_64QAM2/3 (ANT 1)

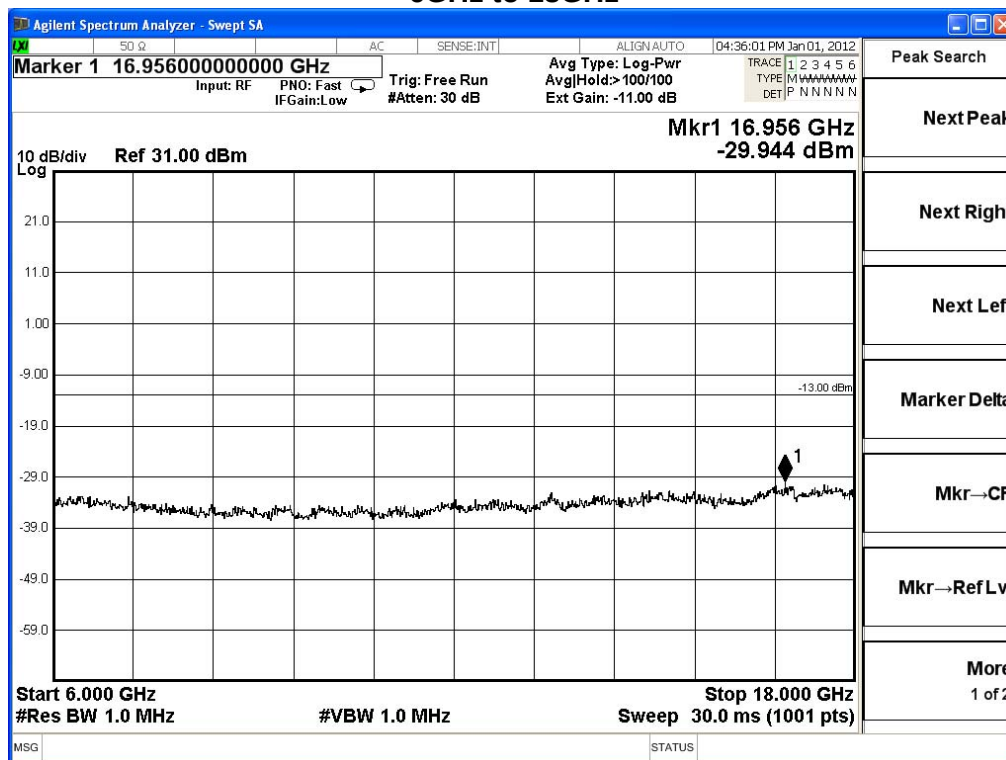
30MHz to 1GHz



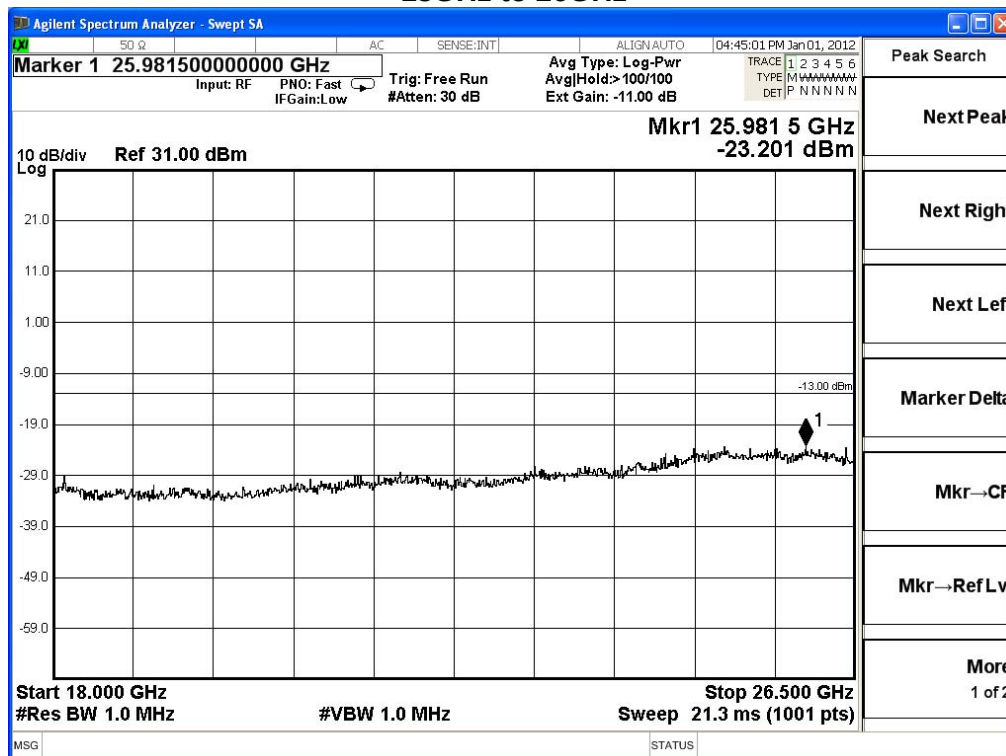
1GHz to 6GHz



6GHz to 18GHz



18GHz to 26GHz



Product	CBS 3.65GHz
Test Item	Conducted Spurious Emission
Test Mode	Mode 4: Transmit (5MHz BW_QPSK3/4)

Test Mode: 5MHz QPSK Ant0

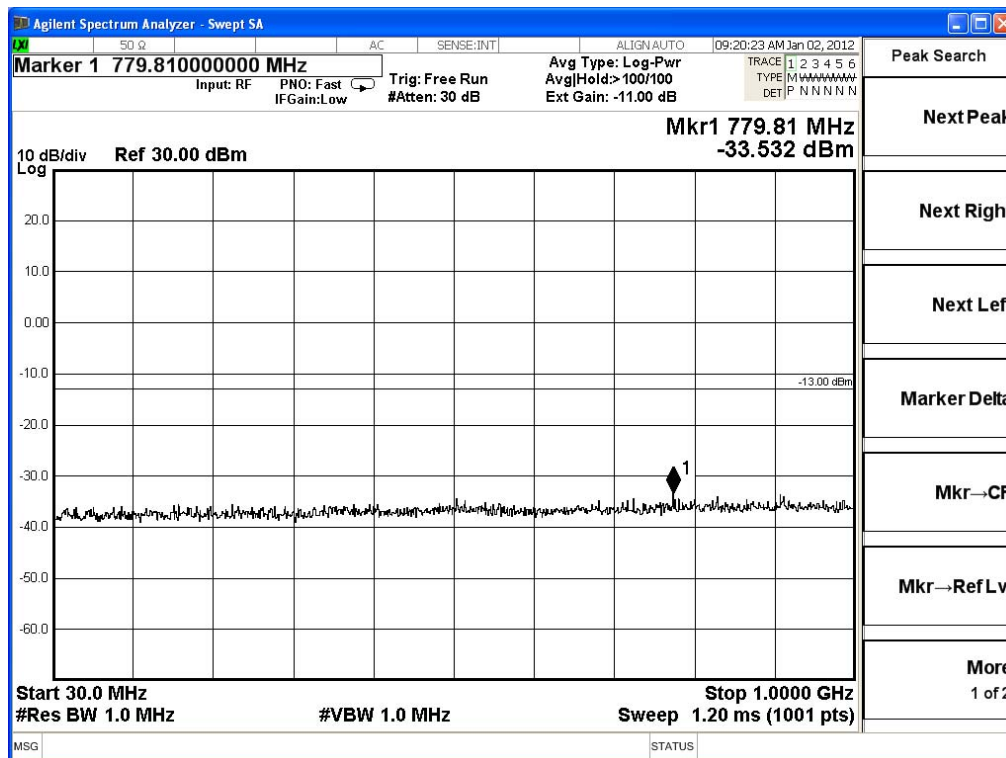
Test Frequency: 3652.5MHz			
Frequency Band (MHz)	Frequency (MHz)	Measured Value (dBm)	Limit (dBm)
30-1000	779.81	-33.532	≤ -13
1000-6000	3735.00	-18.968	≤ -13
6000-18000	17952.00	-30.040	≤ -13
18000-26500	25148.50	-23.776	≤ -13

Test Frequency: 3662.5MHz			
Frequency Band (MHz)	Frequency (MHz)	Measured Value (dBm)	Limit (dBm)
30-1000	925.31	-34.693	≤ -13
1000-6000	3745.00	-20.394	≤ -13
6000-18000	16788.00	-30.596	≤ -13
18000-26500	25667.00	-22.921	≤ -13

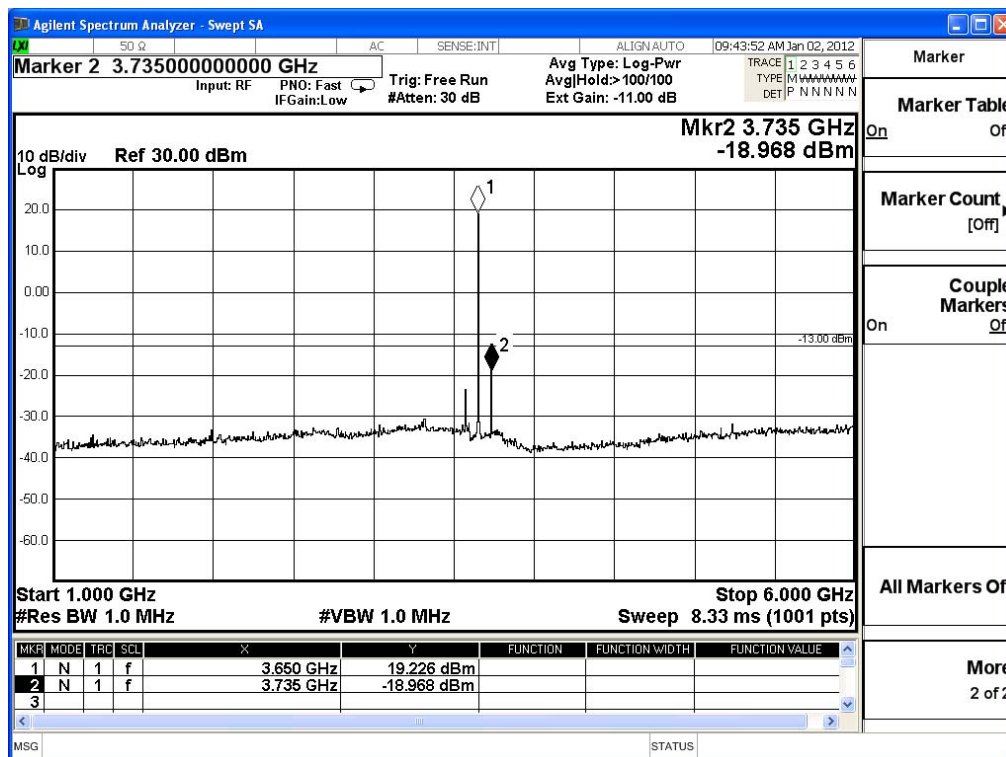
Test Frequency: 3672.5MHz			
Frequency Band (MHz)	Frequency (MHz)	Measured Value (dBm)	Limit (dBm)
30-1000	937.92	-34.188	≤ -13
1000-6000	3755.00	-18.166	≤ -13
6000-18000	16764.00	-29.763	≤ -13
18000-26500	26185.50	-22.049	≤ -13

5MHz_3652.5MHz_QPSK3/4 (ANT 0)

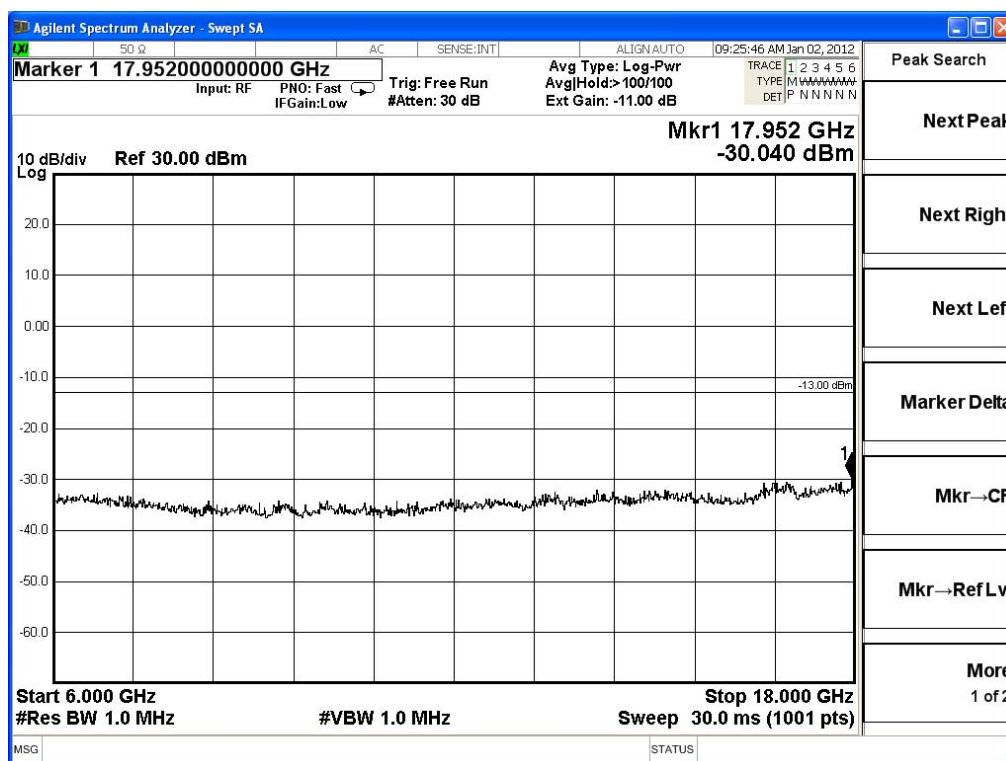
30MHz to 1GHz



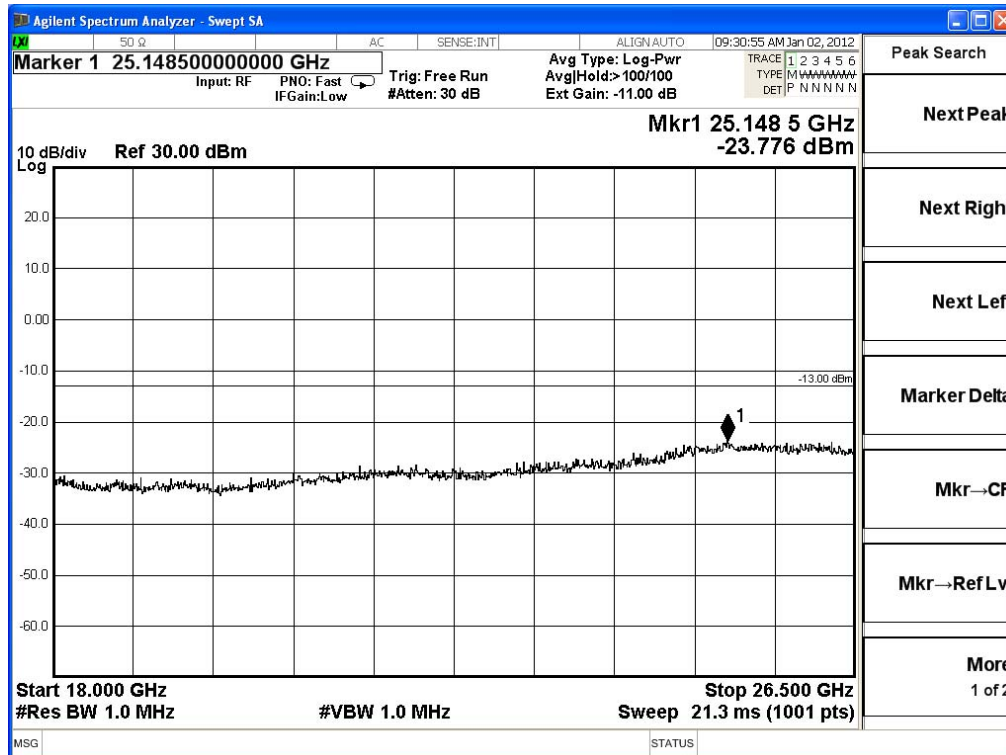
1GHz to 6GHz



6GHz to 18GHz

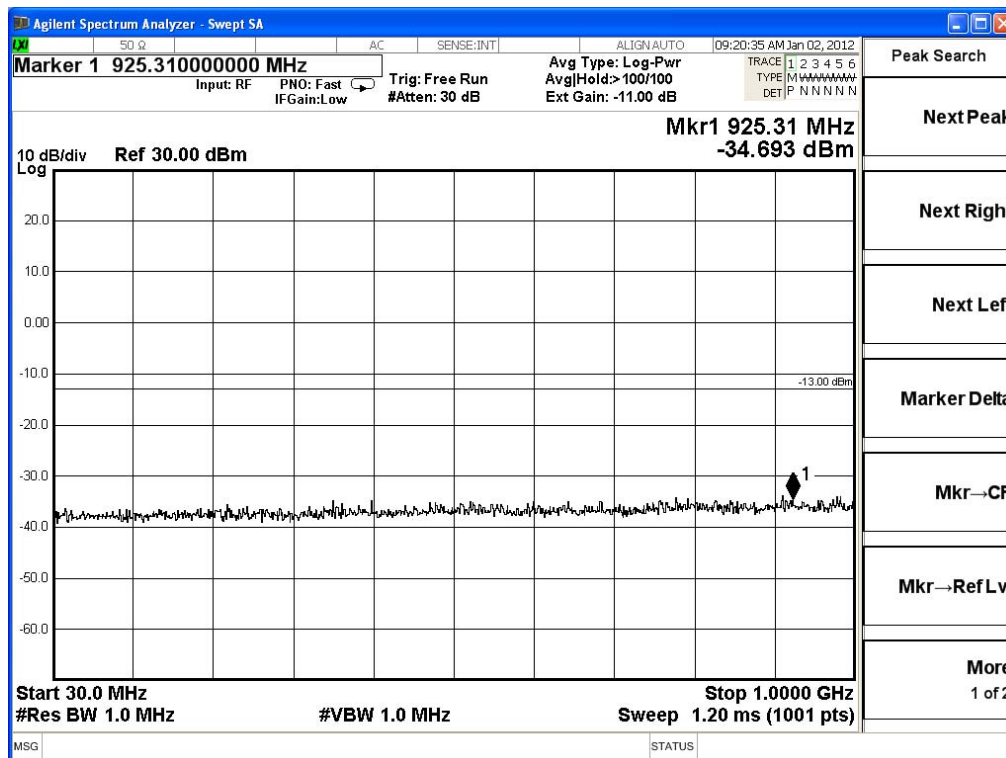


18GHz to 26GHz

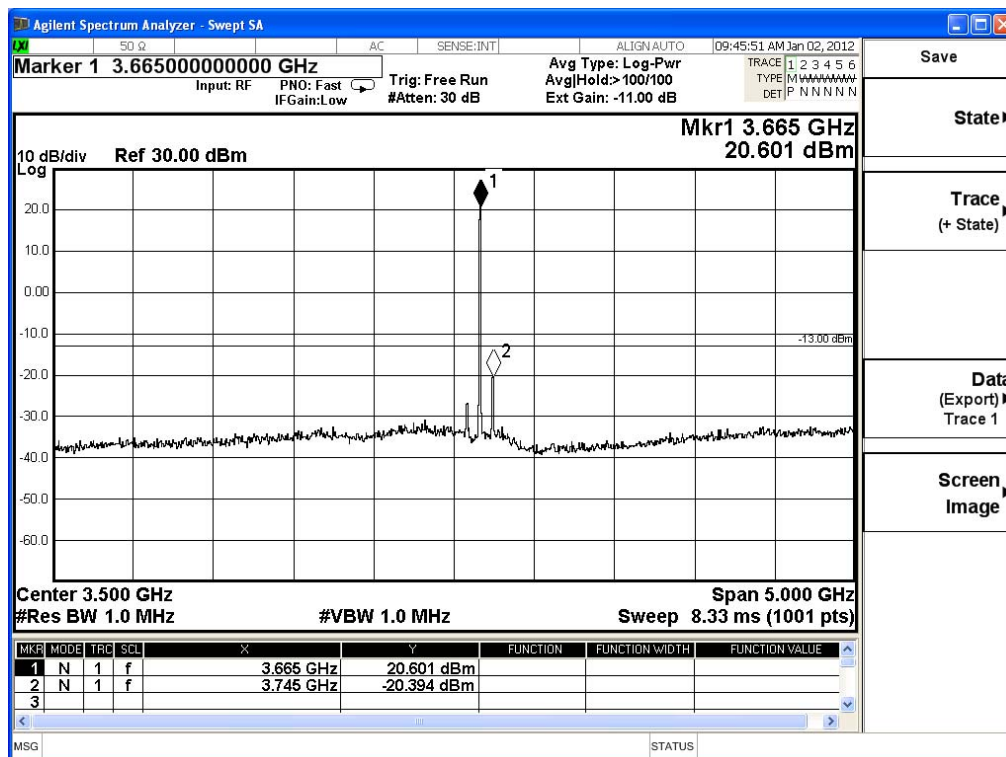


5MHz_3662.5MHz_QPSK3/4 (ANT 0)

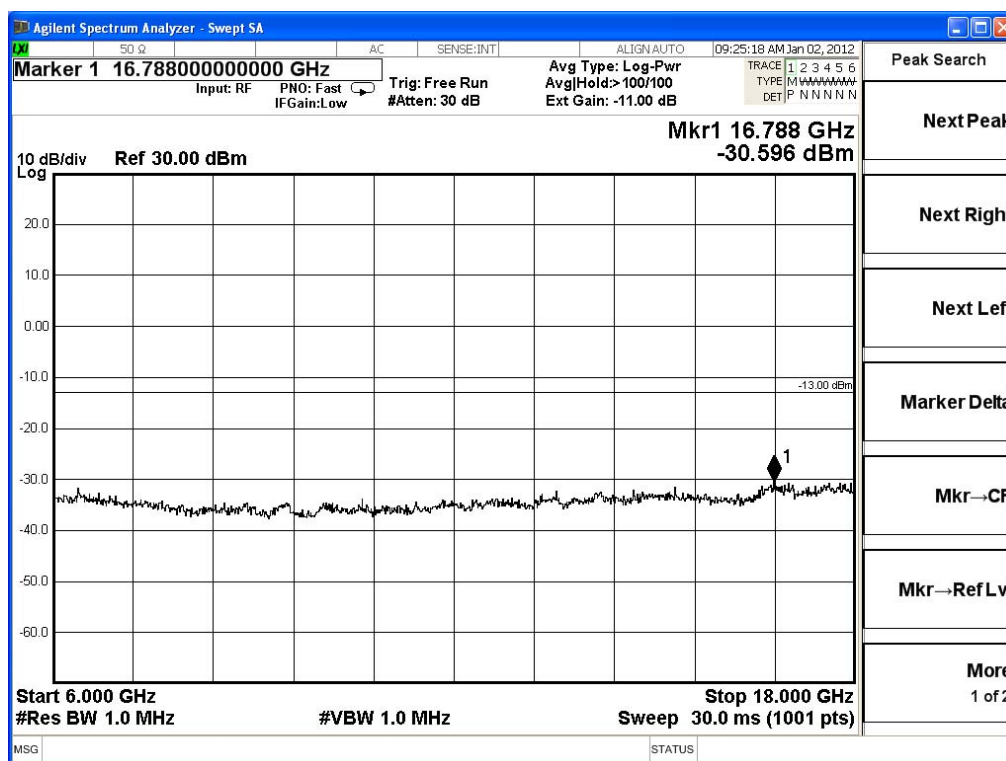
30MHz to 1GHz



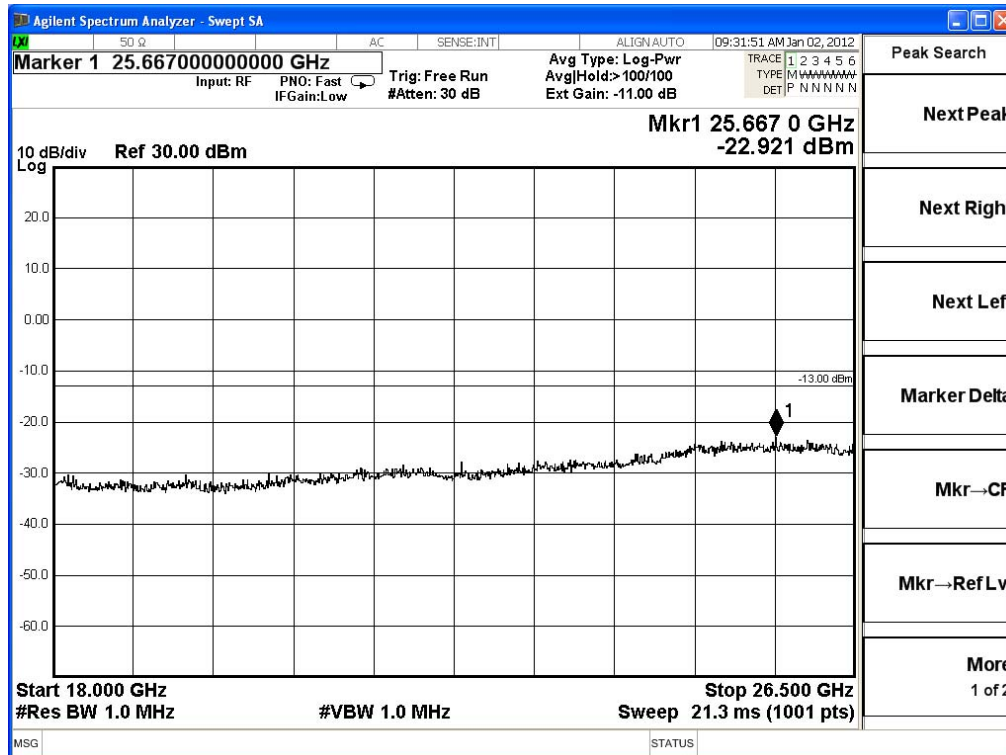
1GHz to 6GHz



6GHz to 18GHz

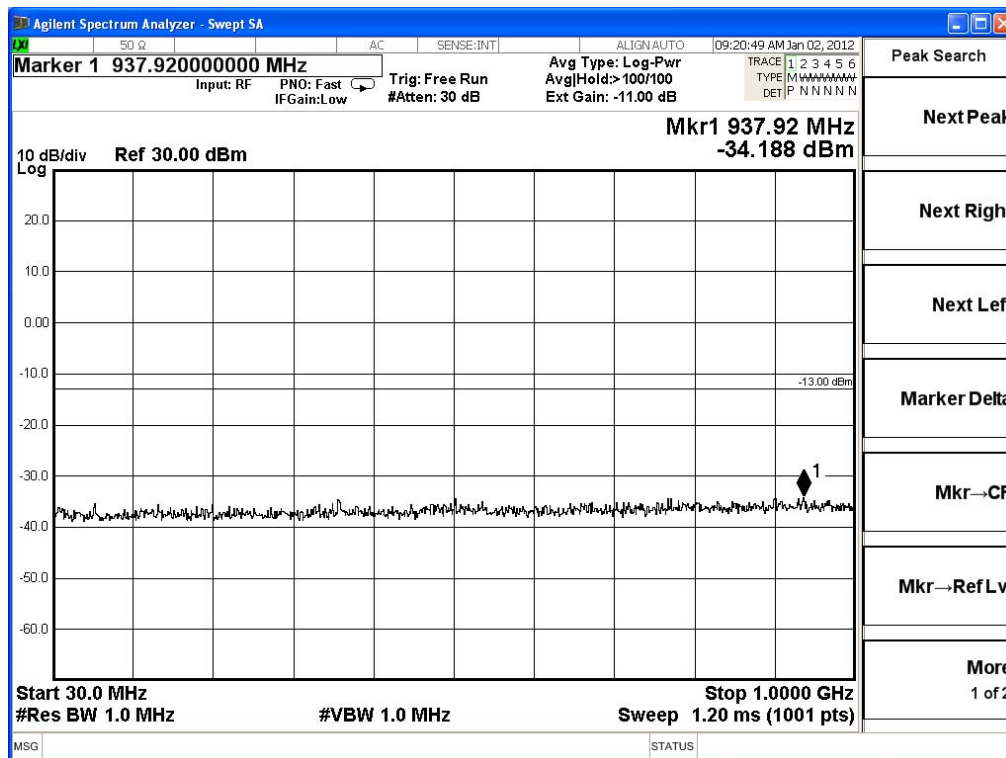


18GHz to 26GHz

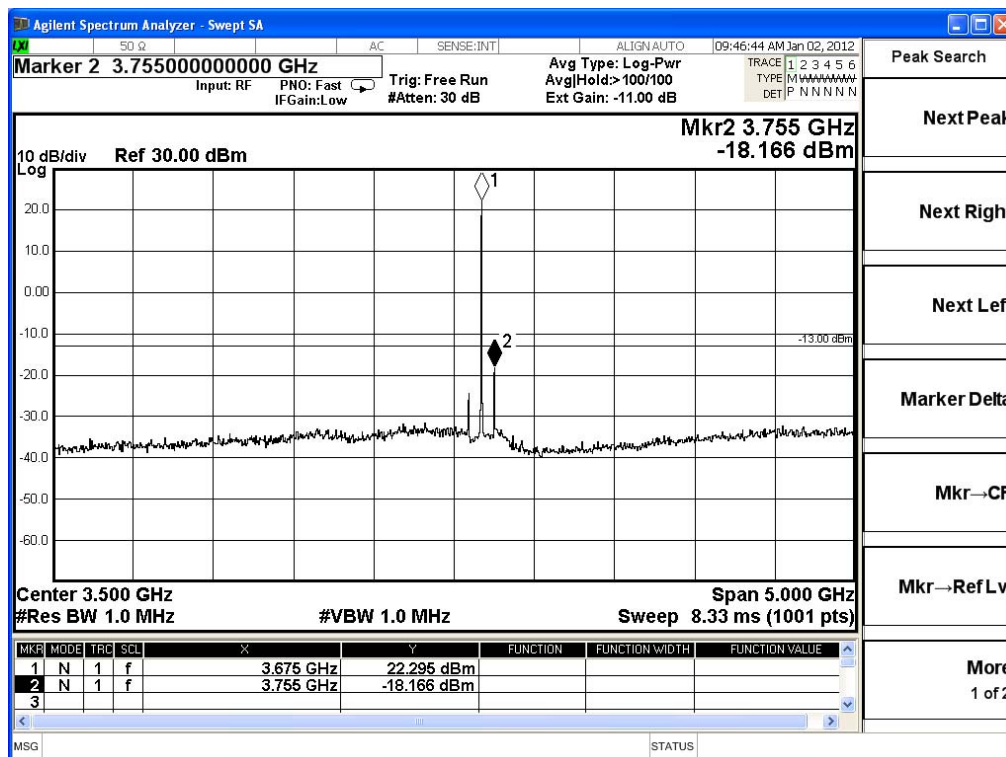


5MHz_3672.5MHz_QPSK3/4 (ANT 0)

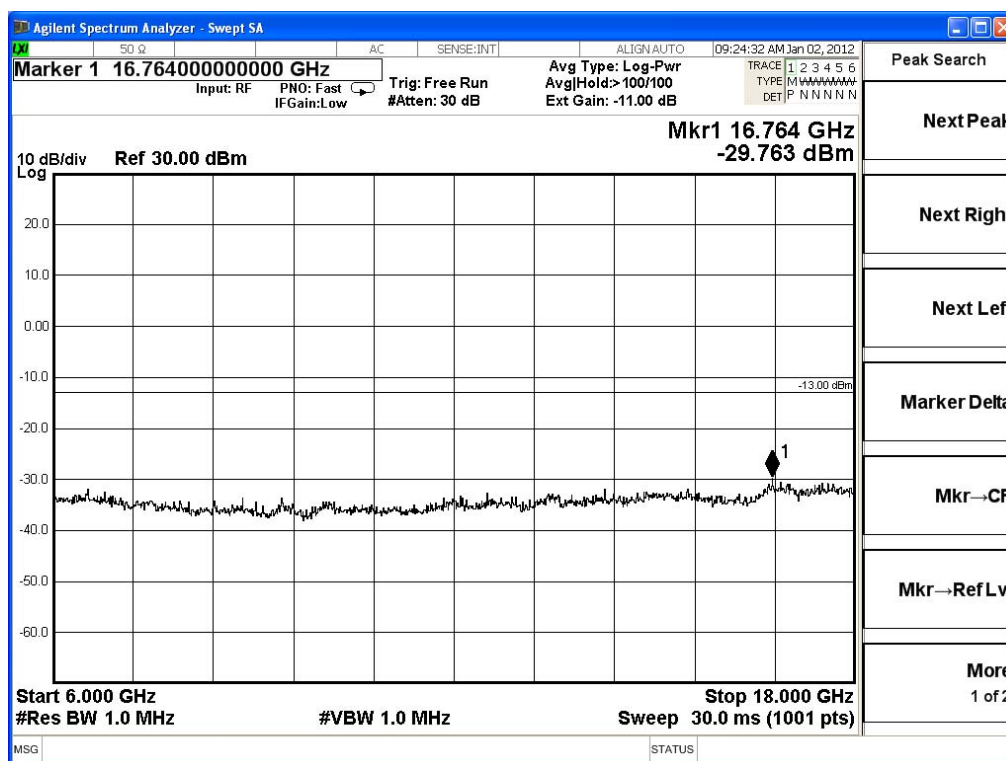
30MHz to 1GHz



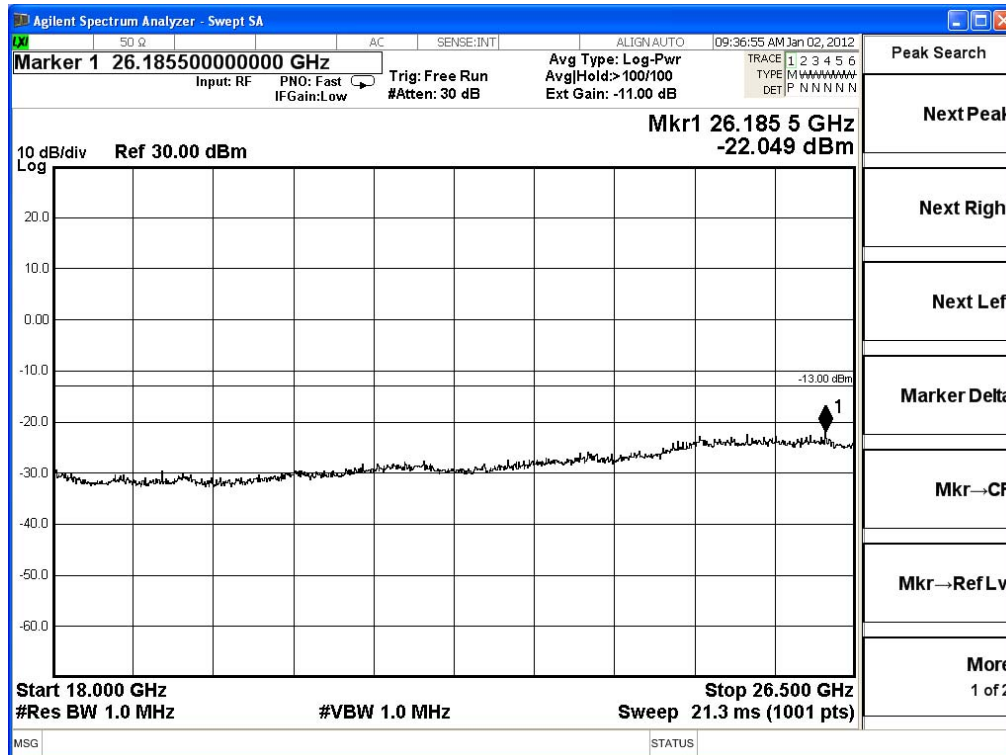
1GHz to 6GHz



6GHz to 18GHz



18GHz to 26GHz



Product	CBS 3.65GHz
Test Item	Conducted Spurious Emission
Test Mode	Mode 4: Transmit (5MHz BW_QPSK3/4)

Test Mode: 5MHz QPSK Ant1

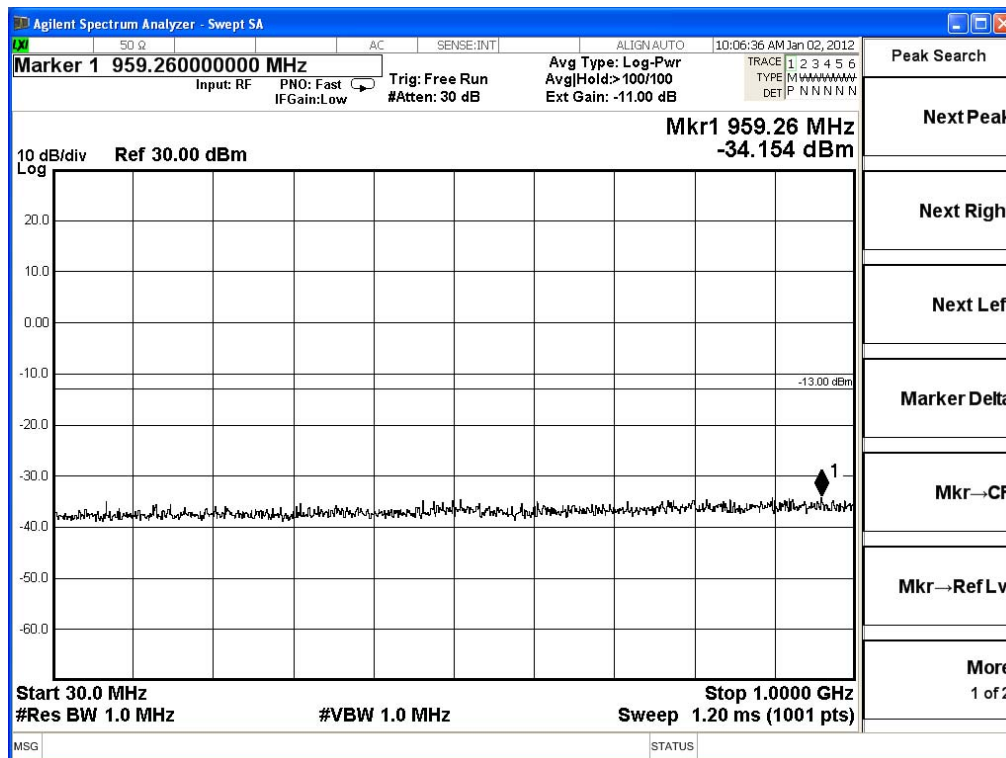
Test Frequency: 3652.5MHz			
Frequency Band (MHz)	Frequency (MHz)	Measured Value (dBm)	Limit (dBm)
30-1000	959.26	-34.154	≤ -13
1000-6000	3740.00	-18.050	≤ -13
6000-18000	16908.00	-30.262	≤ -13
18000-26500	26185.00	-23.499	≤ -13

Test Frequency: 3662.5MHz			
Frequency Band (MHz)	Frequency (MHz)	Measured Value (dBm)	Limit (dBm)
30-1000	842.86	-34.454	≤ -13
1000-6000	3740.00	-19.692	≤ -13
6000-18000	17040.00	-28.899	≤ -13
18000-26500	24809.50	-23.394	≤ -13

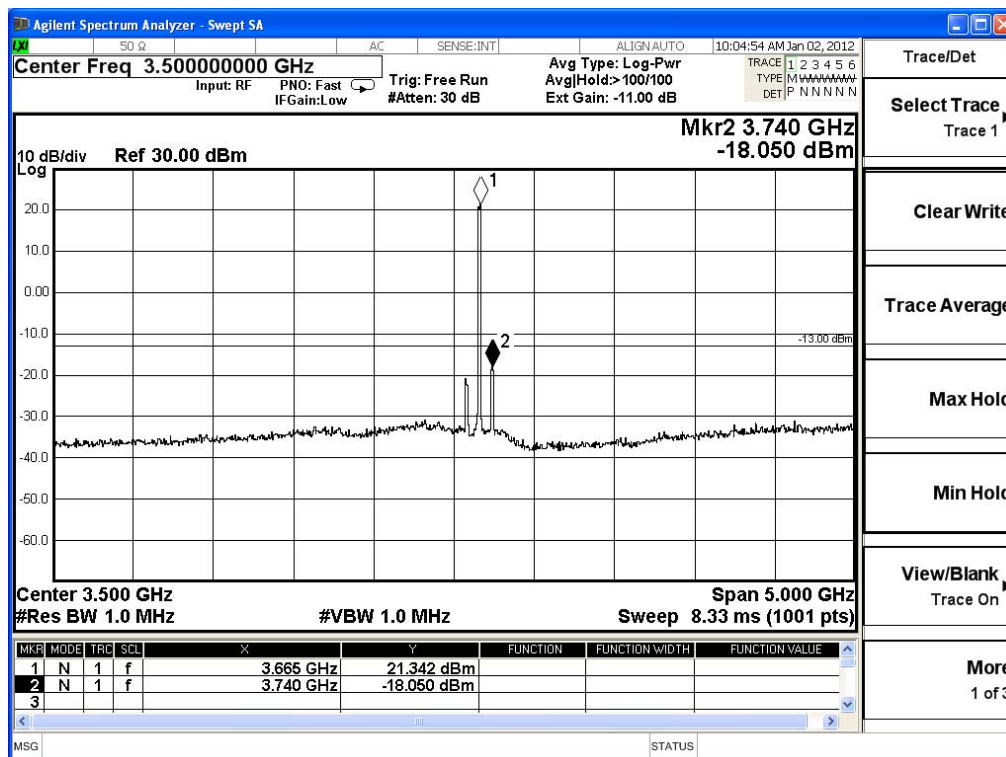
Test Frequency: 3672.5MHz			
Frequency Band (MHz)	Frequency (MHz)	Measured Value (dBm)	Limit (dBm)
30-1000	947.62	-33.685	≤ -13
1000-6000	3755.00	-17.812	≤ -13
6000-18000	16824.00	-30.165	≤ -13
18000-26500	25450.00	-23.631	≤ -13

5MHz_3652.5MHz_QPSK3/4 (ANT 1)

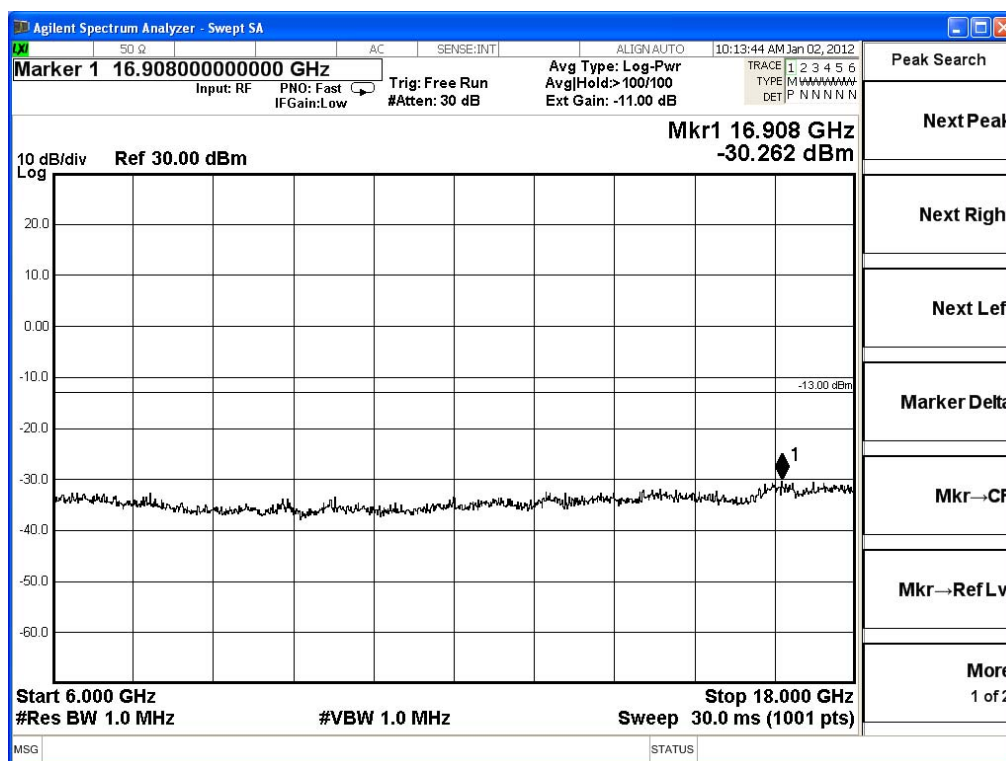
30MHz to 1GHz



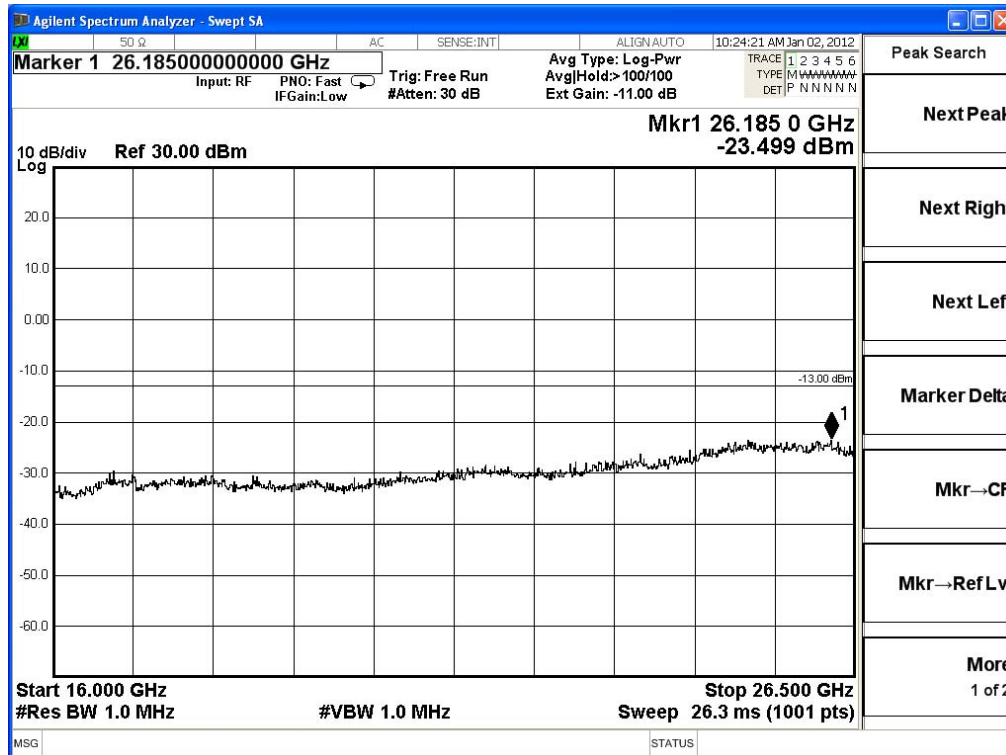
1GHz to 6GHz



6GHz to 18GHz

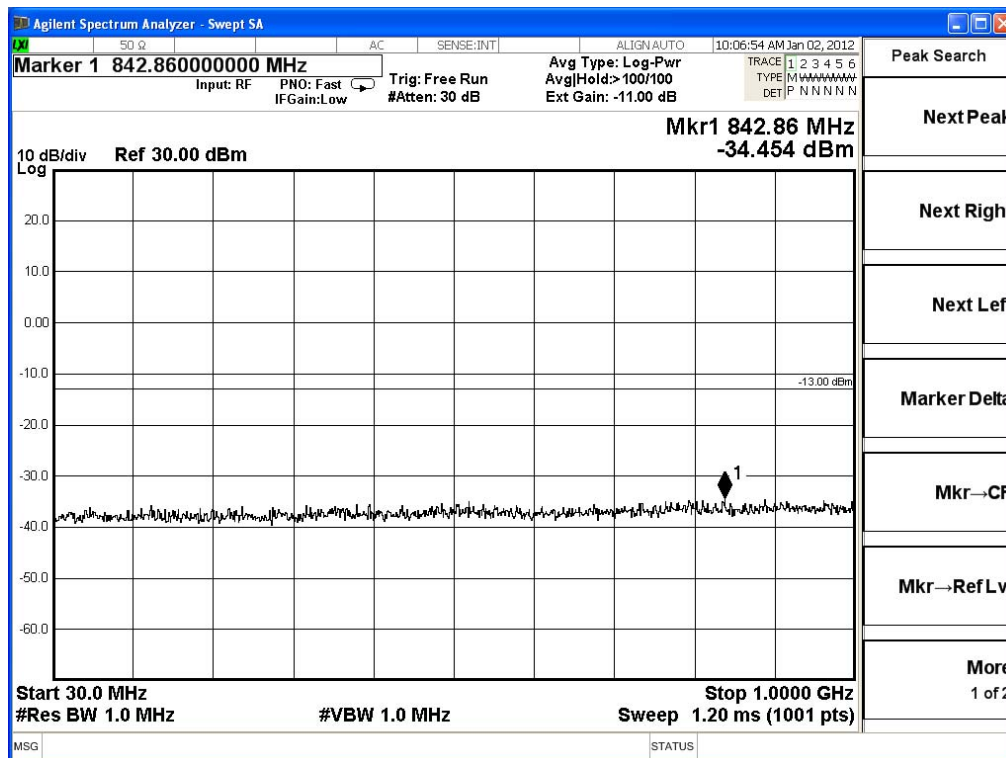


18GHz to 26GHz

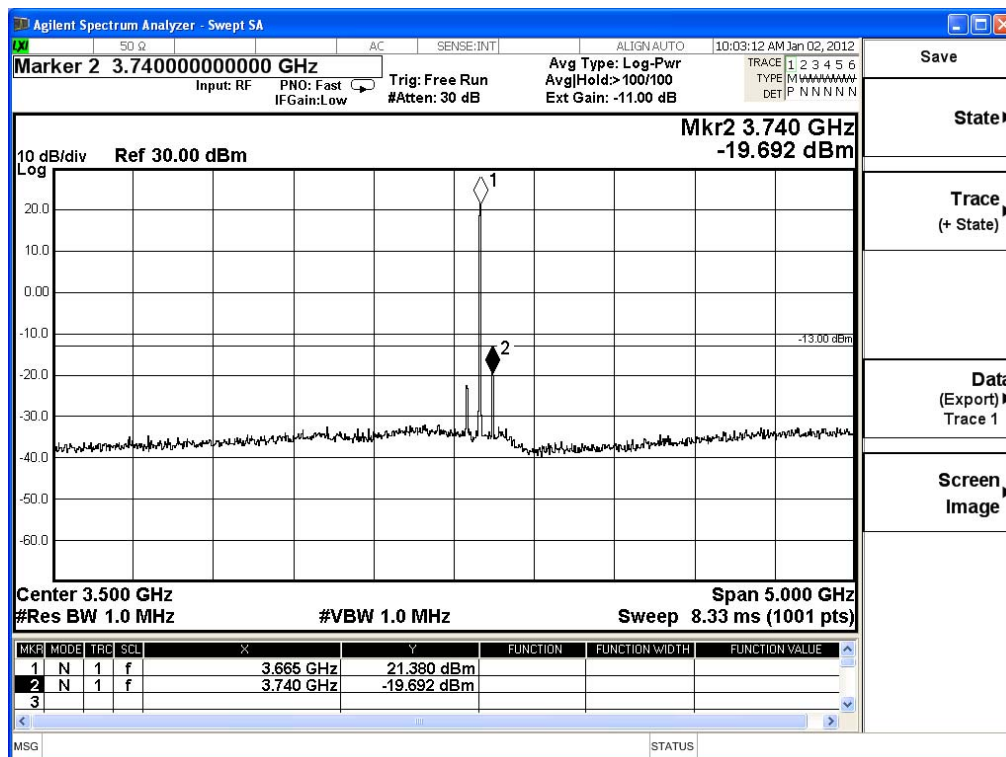


5MHz_3662.5MHz_QPSK3/4 (ANT 1)

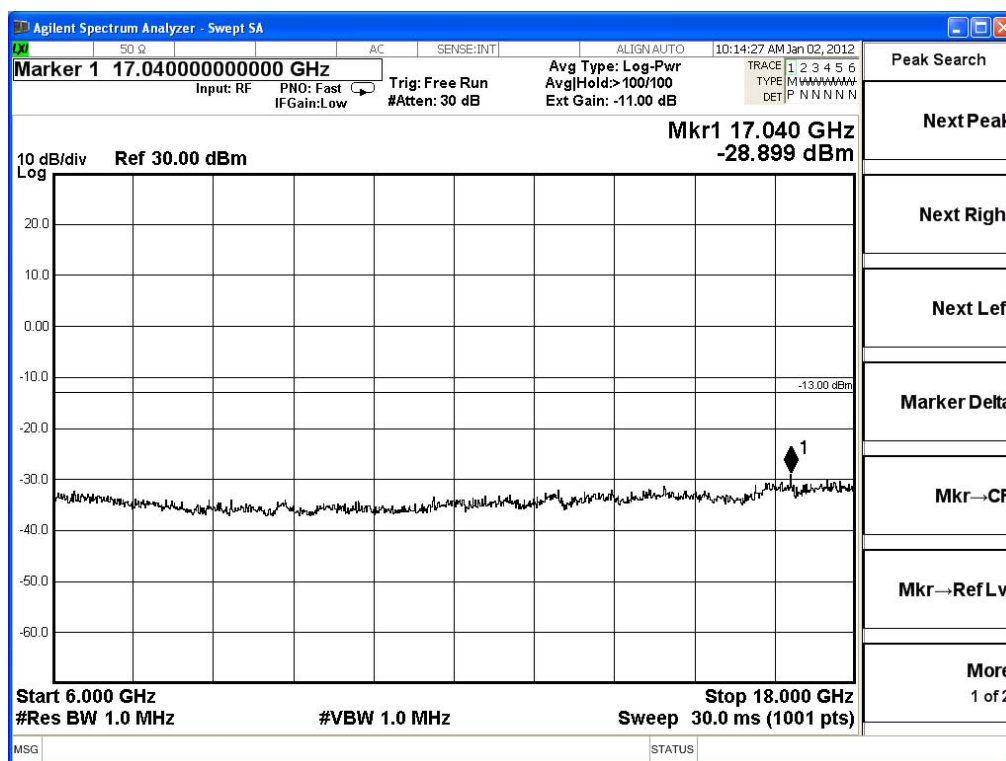
30MHz to 1GHz



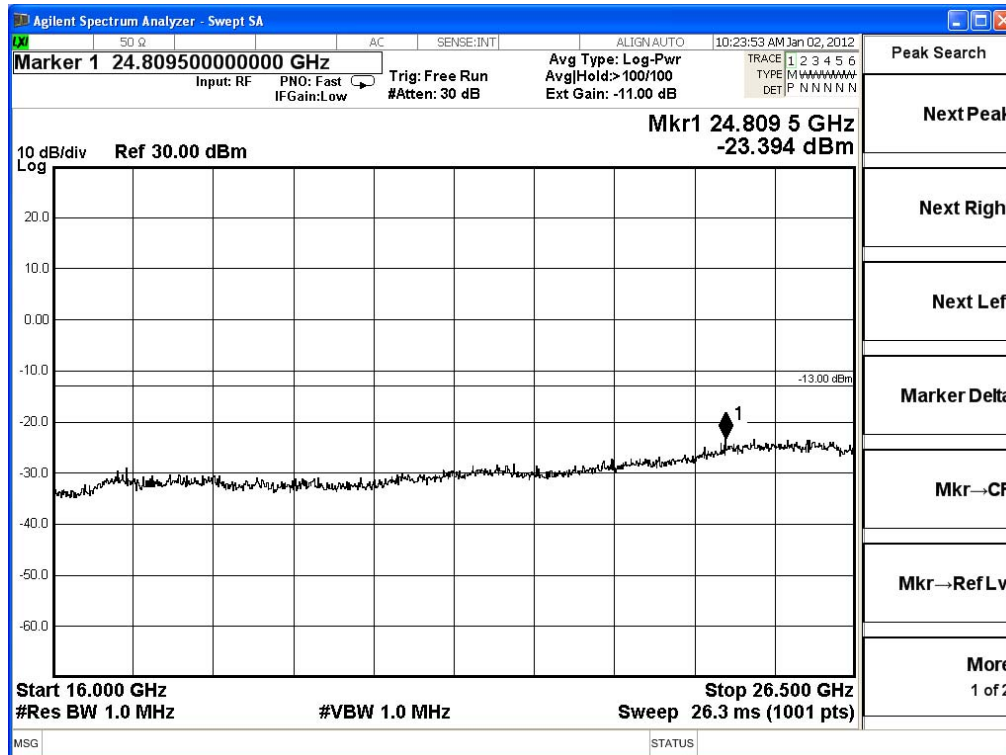
1GHz to 6G Hz



6GHz to 18GHz

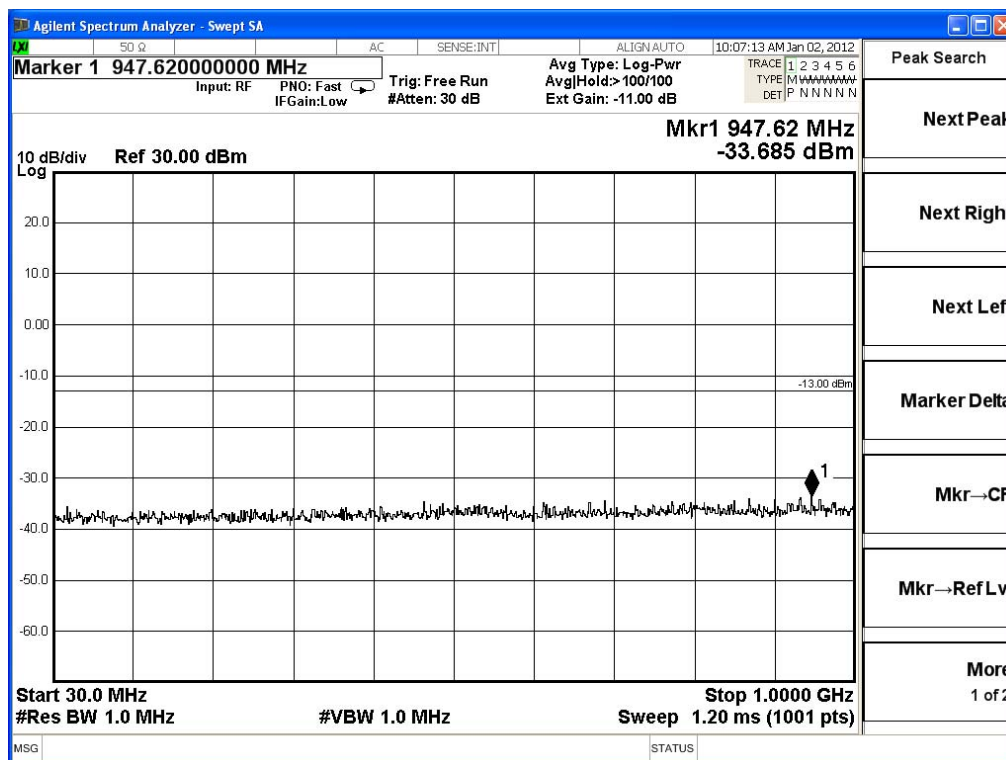


18GHz to 26GHz

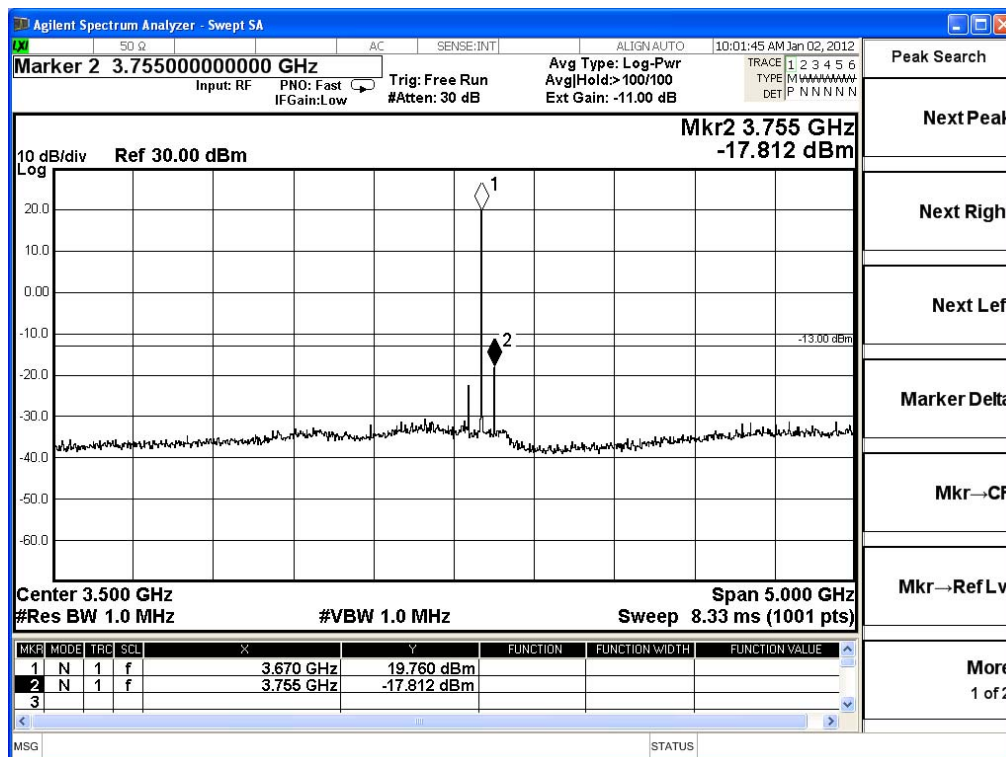


5MHz_3672.5MHz_QPSK3/4 (ANT 1)

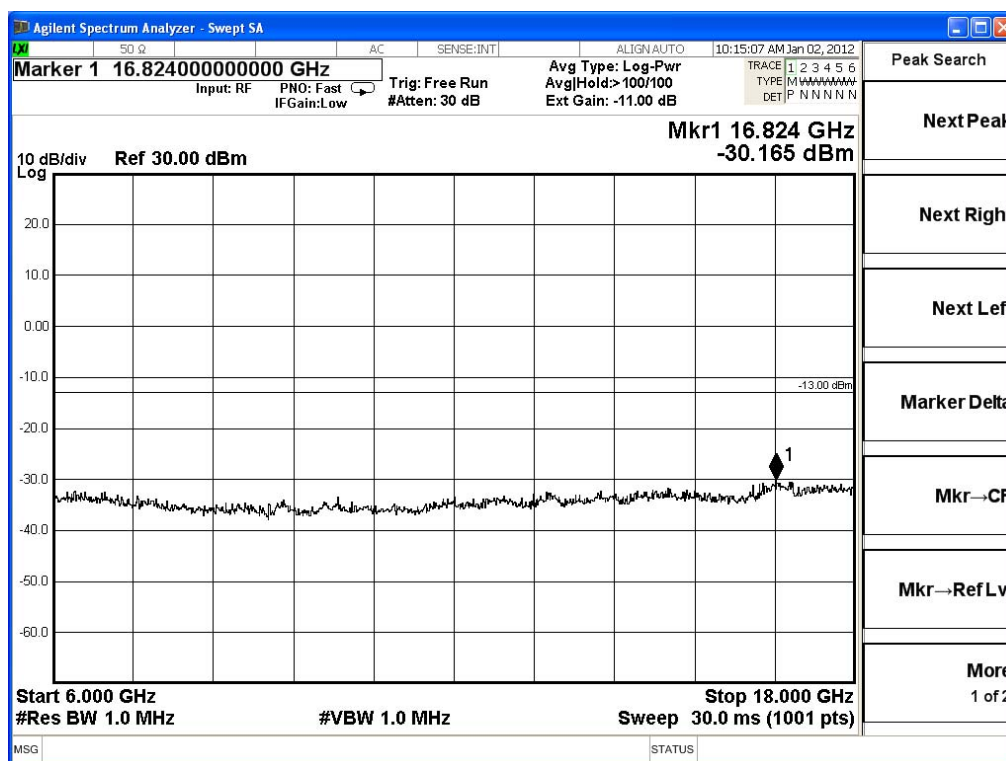
30MHz to 1GHz



1GHz to 6GHz



6GHz to 18GHz



18GHz to 26GHz

