

AC Connected Emission

Op. mode: Charging mode

1. Headset with AC/DC Adaptor II

Live measurement

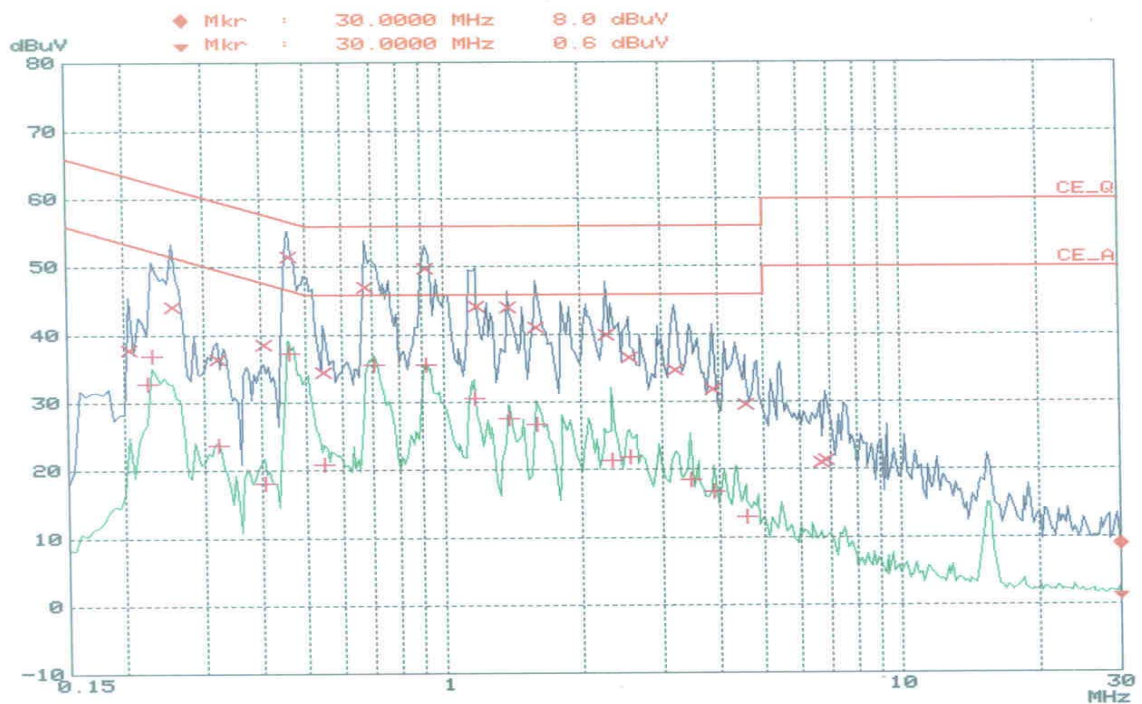
Frequency (MHz)	QP reading (dBµV)	Av reading (dBµV)	Results
	No Peak Limit	No Peak Limit	Pass

Date: 20. May 04 12:00

Scan Settings (1 Range)

Frequencies			Receiver Settings			
Start	Stop	Step	IF BW	Detector	M-Time	Atten Preamp
150k	30M	5k	9k	PK+AV	1ms	10dBLN ON

Final Measurement: x QP / + AV
 Meas Time: 1 s
 Subranges: 25
 Acc Margin: 30dB



Neutral measurement

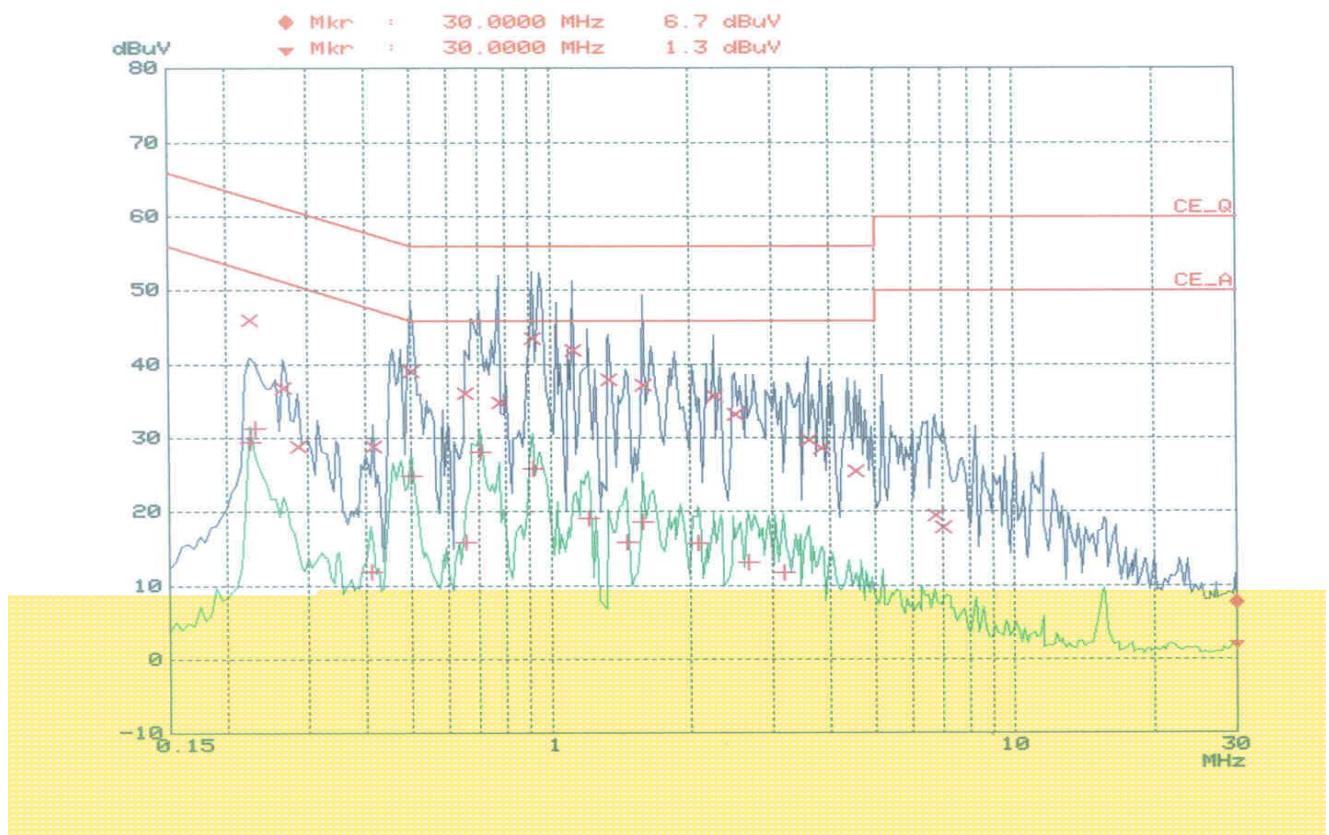
Frequency (MHz)	QP reading (dBμV)	Av reading (dBμV)	Results
	No Peak Limit	No Peak Limit	Pass

Date: 20. May 04 11:43

Scan Settings (1 Range)

Frequencies			Receiver Settings			
Start	Stop	Step	IF BW	Detector	M-Time	Atten Preamp
150k	30M	5k	9k	PK+AV	1ms	10dBLN ON

Final Measurement: x QP / + AV
 Meas Time: 1 s
 Subranges: 25
 Acc Margin: 30dB



2. Complete Configuration with AC/DC Adaptor I
 Live measurement

Frequency (MHz)	QP reading (dBµV)	Av reading (dBµV)	Results
	No Peak Limit	No Peak Limit	Pass

Date:12. May 04 20:04

Scan Settings (1 Range)

Start

150k

Stop

30M

Step

5k

Receiver Settings

IF BW

9k

Detector

PK+AV

M-Time

1ms

Atten

10dBLN

Preamp

ON

Final Measurement: x QP / + AV

Meas Time:

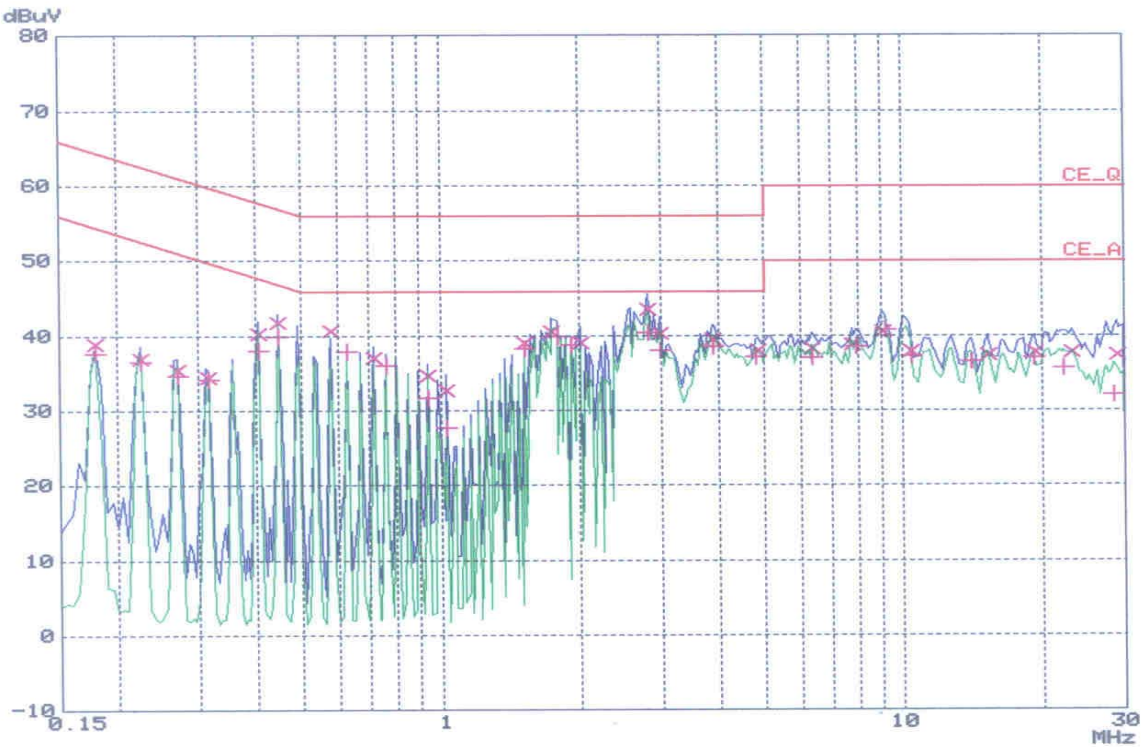
1 s

Subranges:

25

Acc Margin:

30dB



Neutral measurement

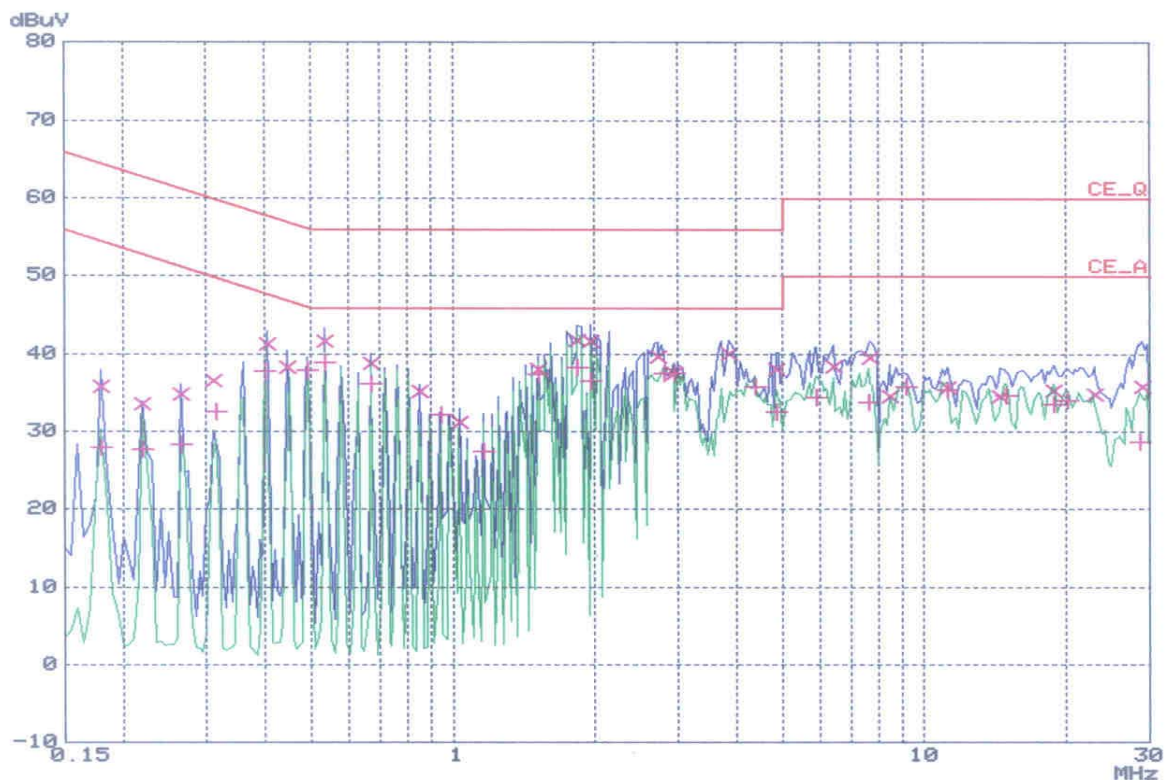
Frequency (MHz)	QP reading (dBµV)	Av reading (dBµV)	Results
	No Peak Limit	No Peak Limit	Pass

Date: 12. May 04 20:22

Scan Settings (1 Range)

Frequencies			Receiver Settings				
Start	Stop	Step	IF BW	Detector	M-Time	Atten	Preamp
150k	30M	5k	9k	PK+AV	1ms	10dBLN	ON

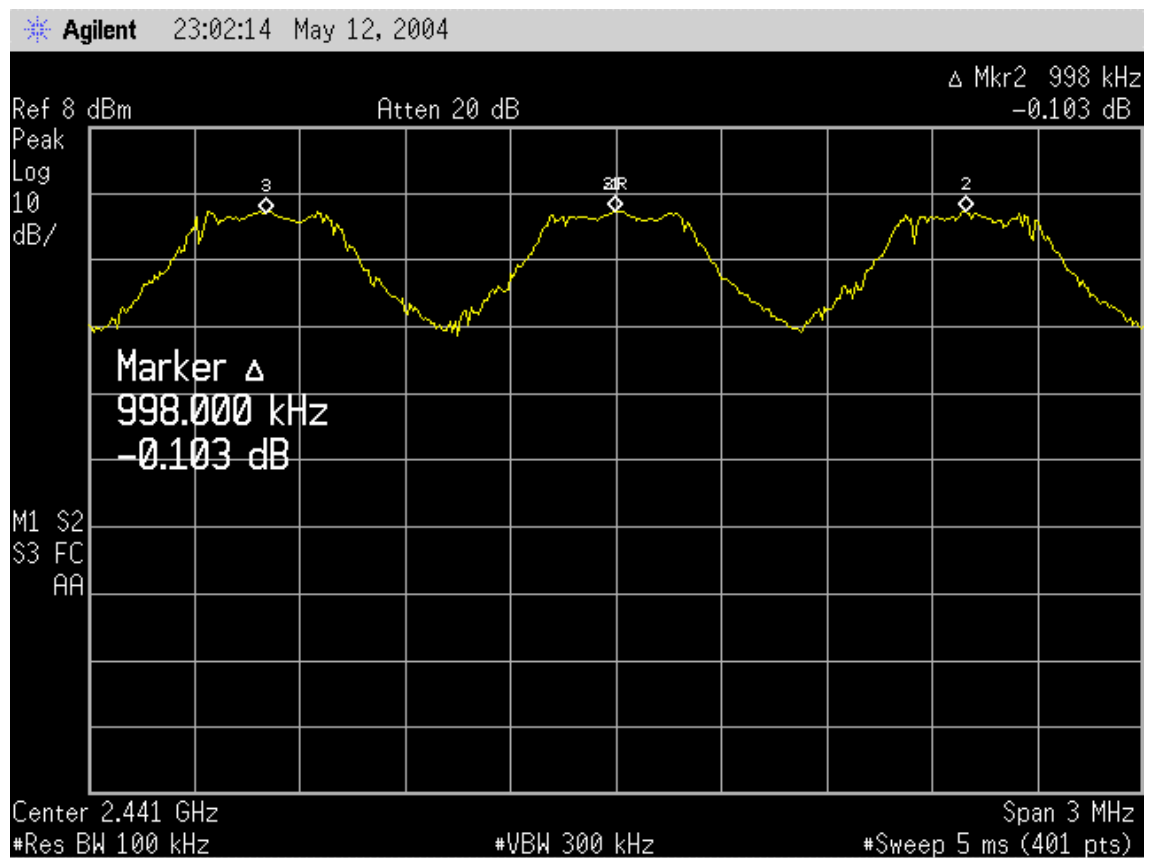
Final Measurement: x QP / + AV
 Meas Time: 1 s
 Subranges: 25
 Acc Margin: 30dB



Carrier Frequency Separation

Op. mode: Hopping on

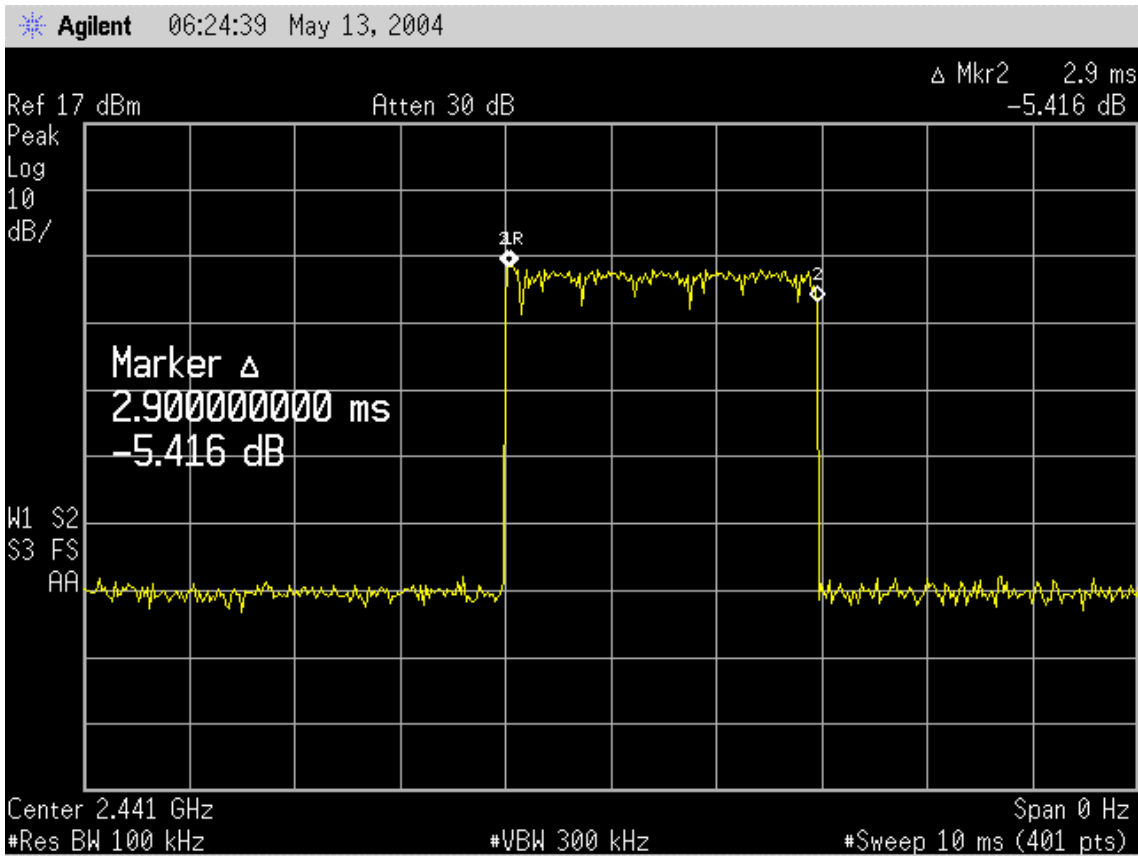
Reference frequency (MHz)	Channel Separation (MHz)	Results
2441.000	998	Pass



Time of Occupancy (Dwell time)

Op. mode: Hopping on

Burst Duration (ms)	Results
2.900	Pass



20dB Bandwidth

Op. mode: TX mode, DH5 with PRBS9 payload

Tx frequency (MHz)	$ \Delta f $ (MHz)	Results
2402	0.925	Pass
2441	0.920	Pass
2480	0.880	Pass



Tx frequency: 2402MHz



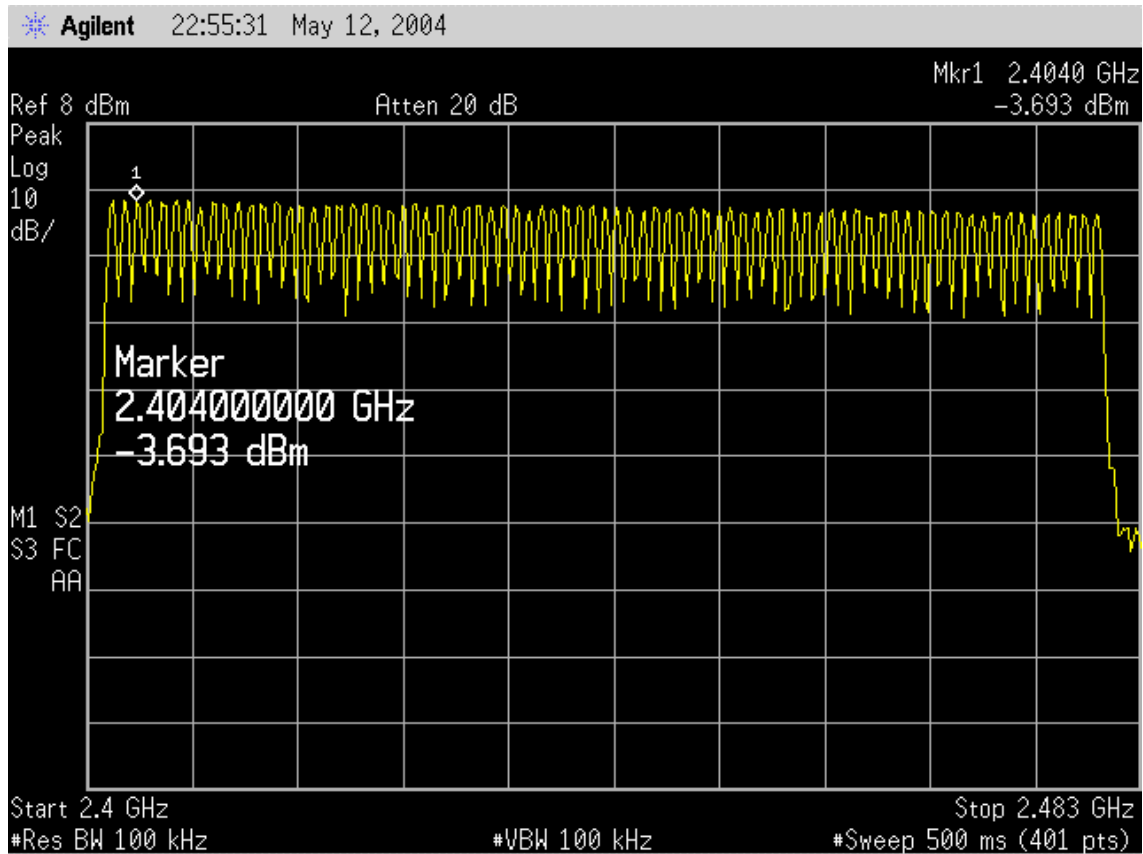
Tx frequency: 2441MHz



Tx frequency: 2480MHz

Number of Hopping Frequencies Requirements

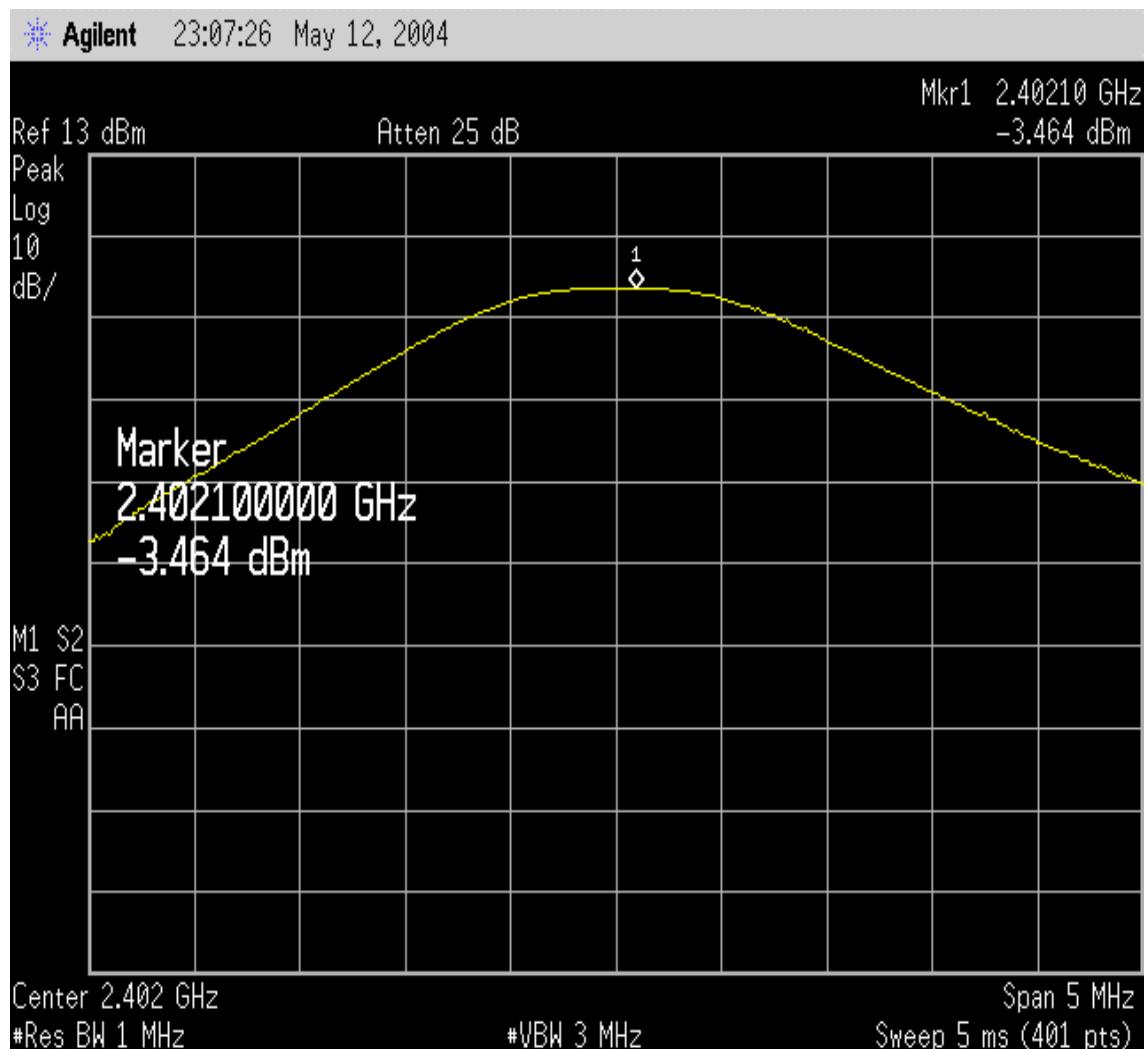
Op. mode: hopping mode, DH1 with PRBS9 payload



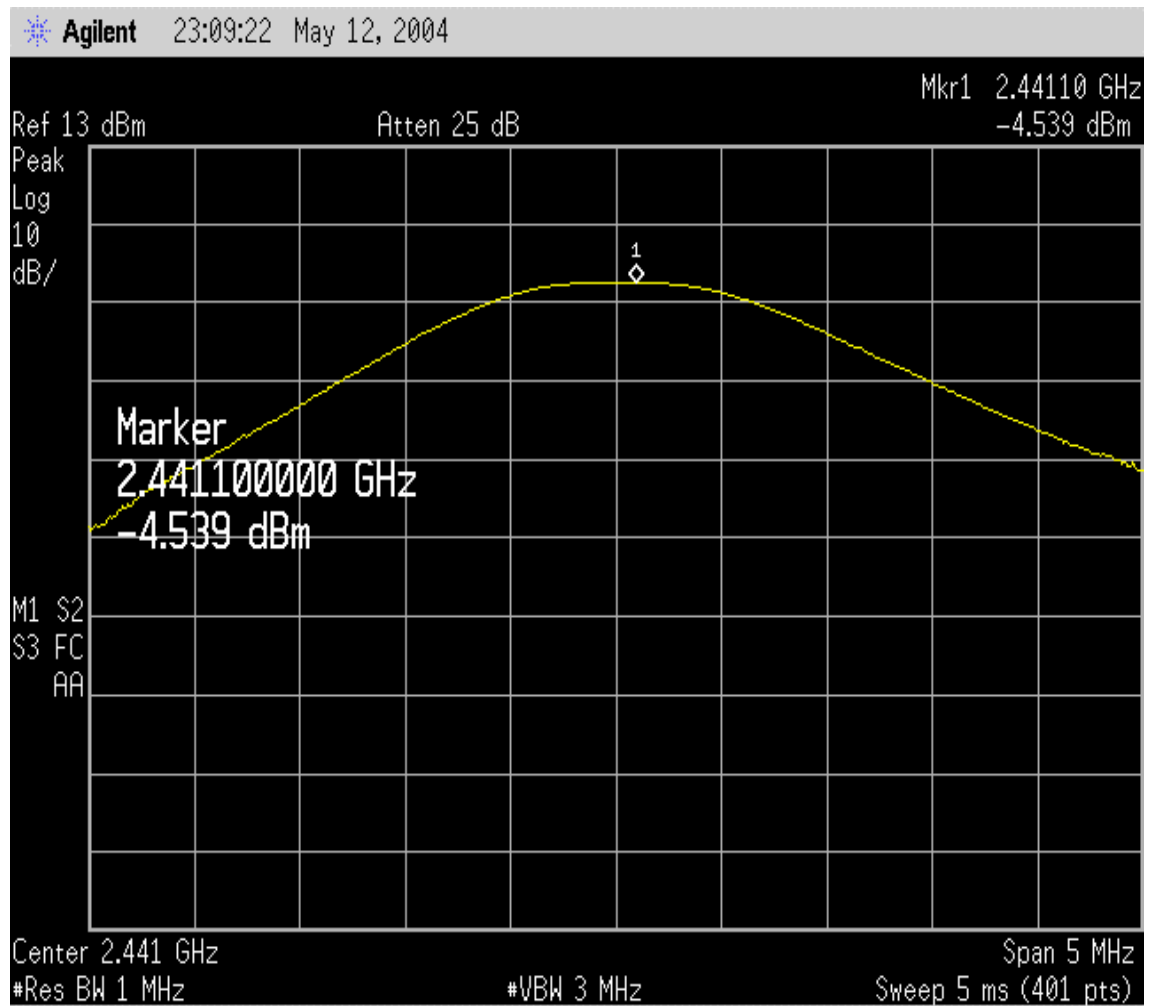
Peak Output Power

Op. mode: TX mode, DH1 with PRBS9 payload

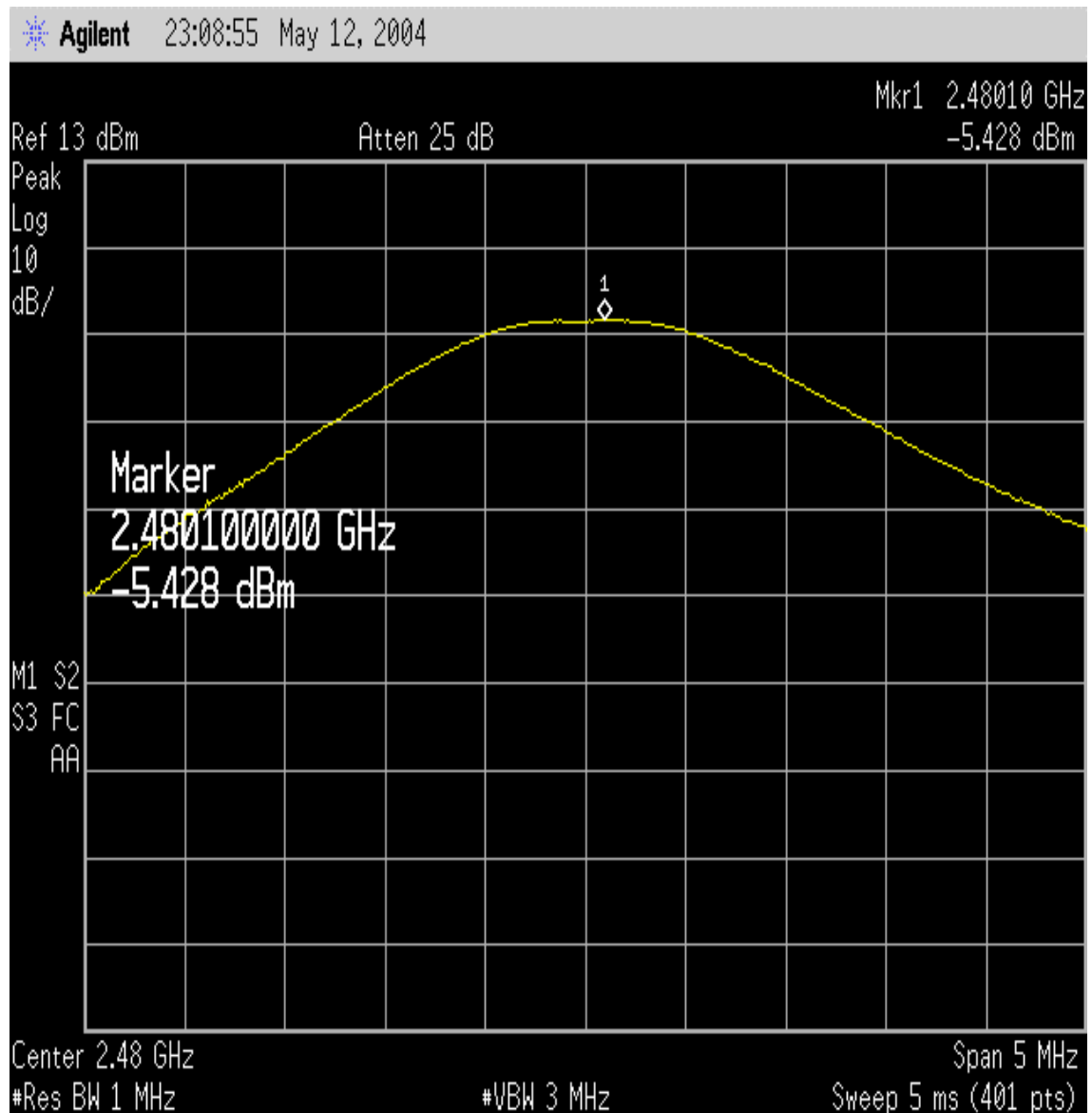
Tx Frequency (MHz)	Cable Attenuation (dB)	Power P _{PK} (dBm)	Actual Peak Power (dBm)	Results
2402	1.80	-3.464	-1.16	Pass
2441	1.83	-4.539	-2.71	Pass
2480	1.85	-5.428	-3.58	Pass



Tx frequency: 2402MHz



Tx frequency: 2441MHz

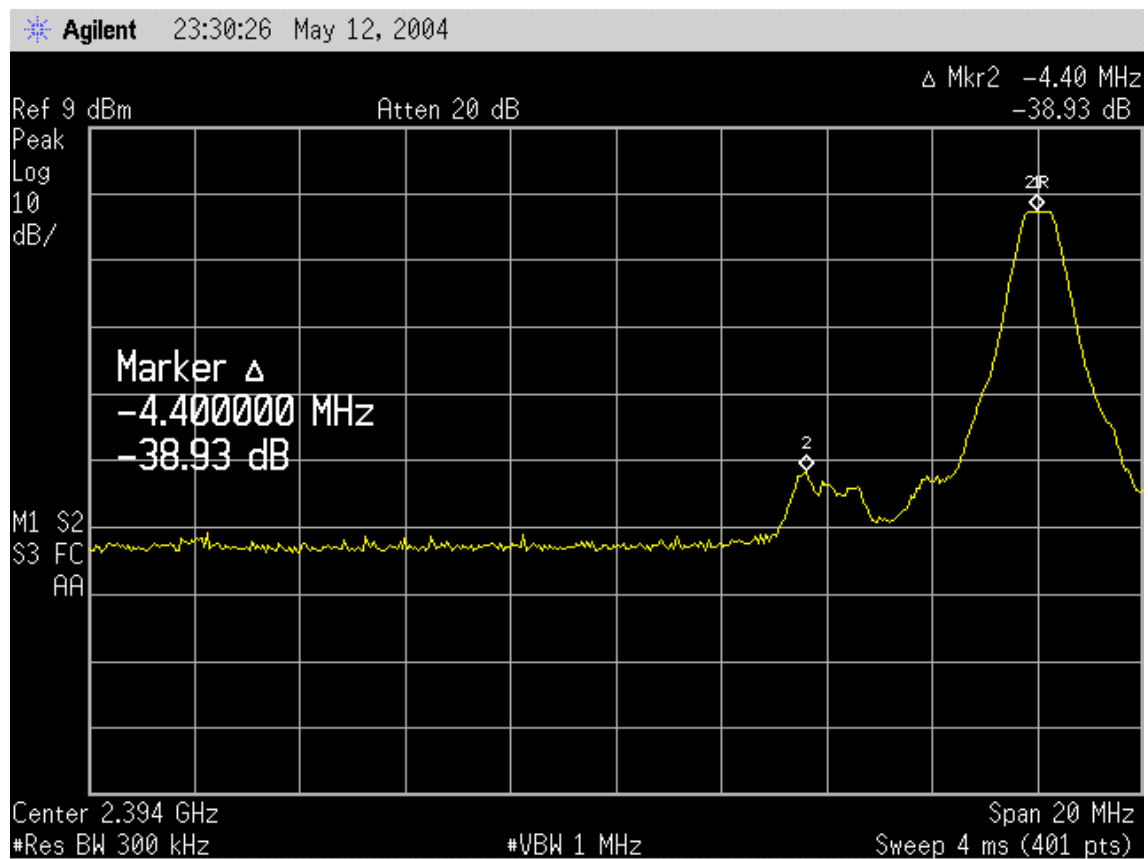


Tx frequency: 2480MHz

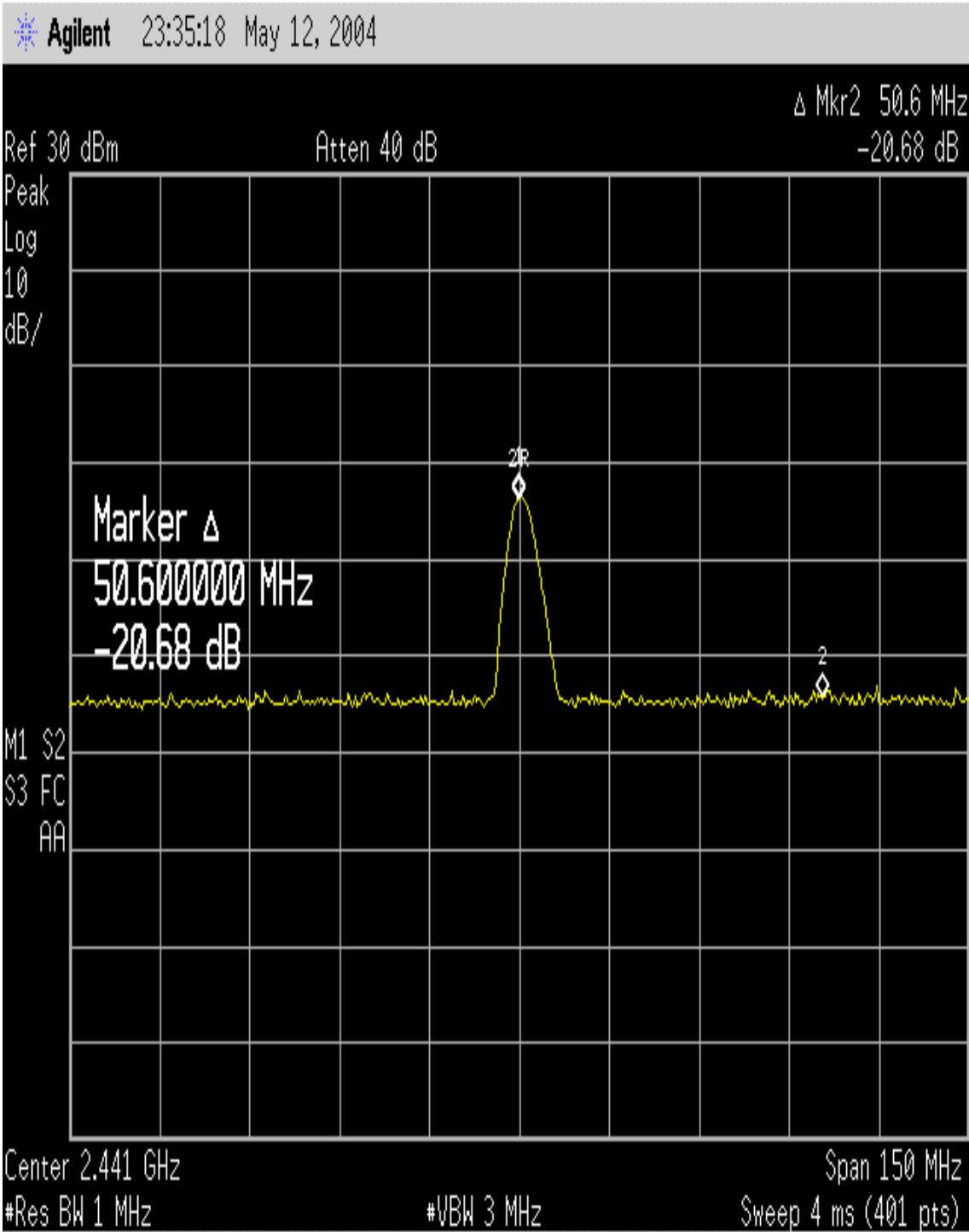
Band-edge Compliance

Op. mode: TX mode, DH1 with PRBS9 payload

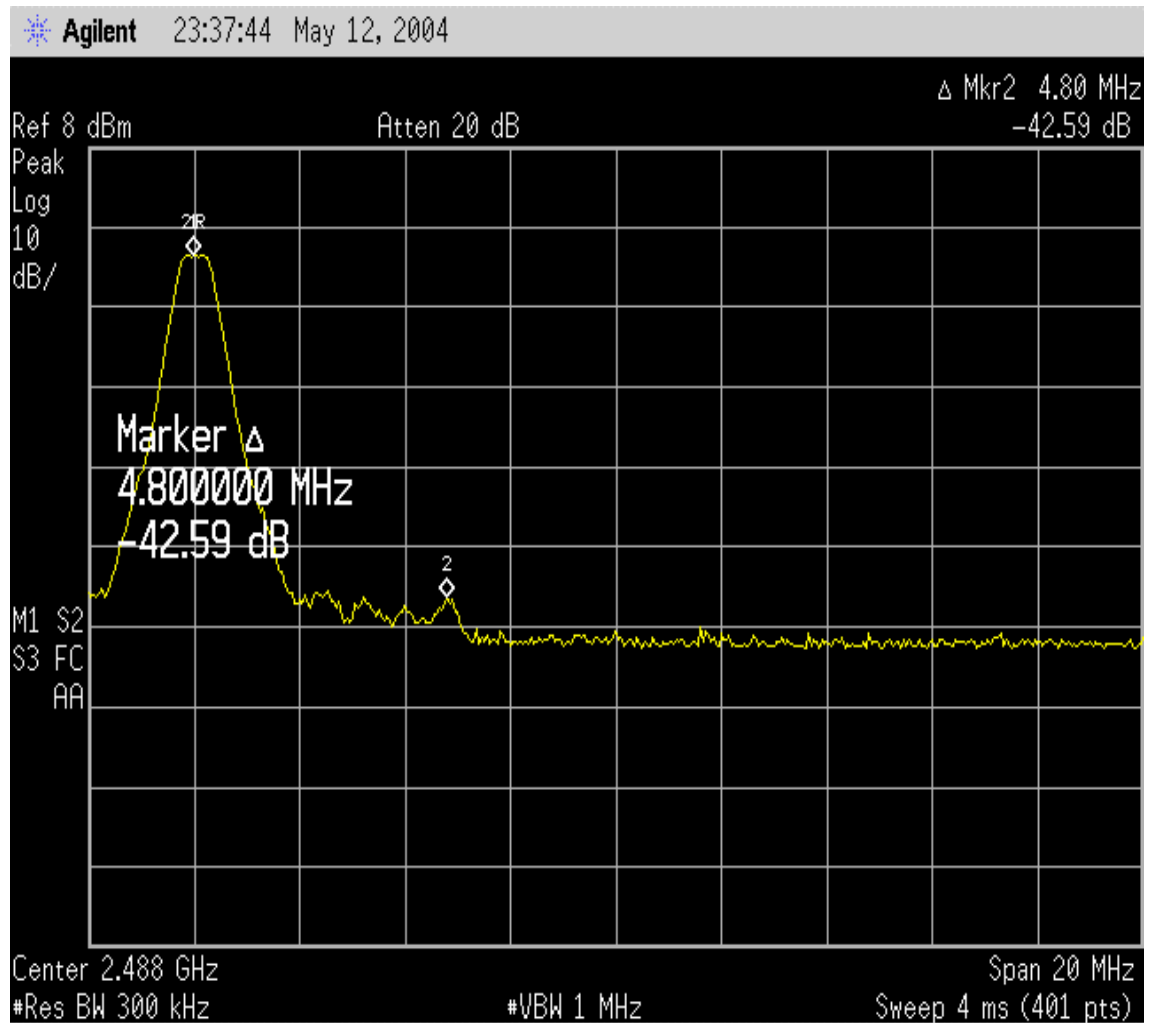
Tx Frequency (MHz)	RF power outside 100kHz BW (MHz)	RF power difference outside 100kHz BW (dB)	Results
2402	No peak above 20dB	20dB below	Pass
2441	No peak above 20dB	20dB below	Pass
2480	No peak above 20dB	20dB below	Pass



Tx frequency: 2402MHz



Tx frequency: 2441MHz



Tx frequency: 2480MHz

Spurious Conducted emissions

Op. mode: TX mode, DH1 with PRBS9 payload

Tx frequency : 2402MHz

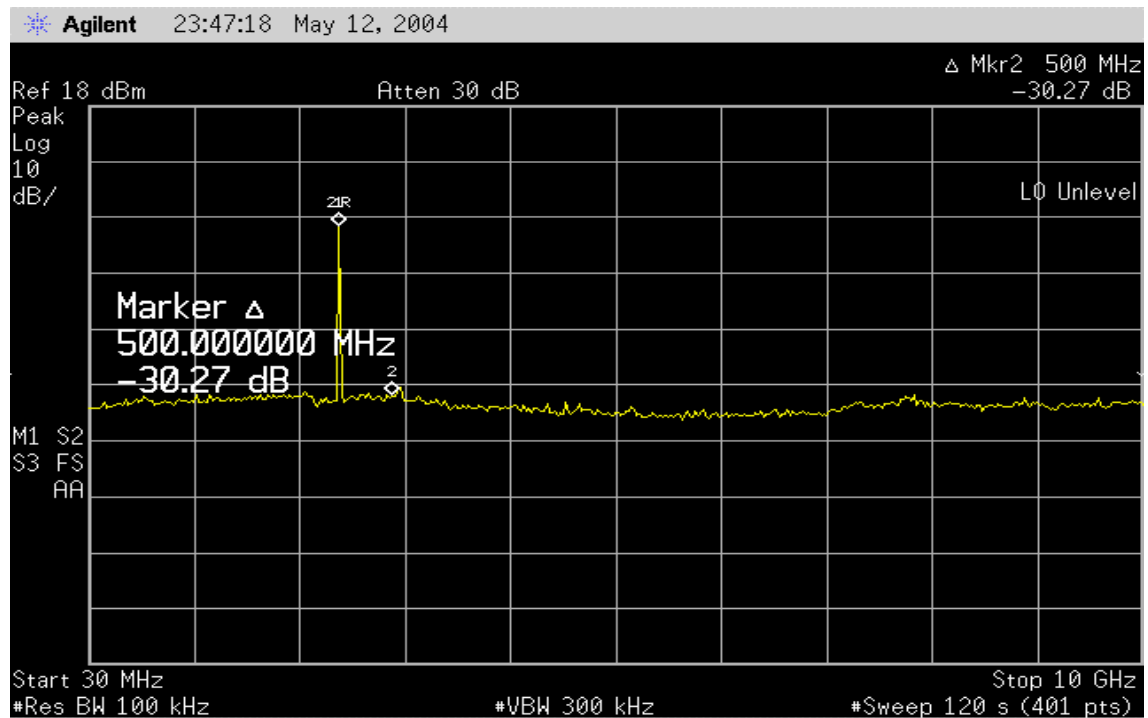
Spurious Frequency (MHz)	Power level (dBm)	Reference value (dBm)	Delta to reference level (dB)	Results
No peak found	-	-	-	Pass

Tx frequency : 2441MHz

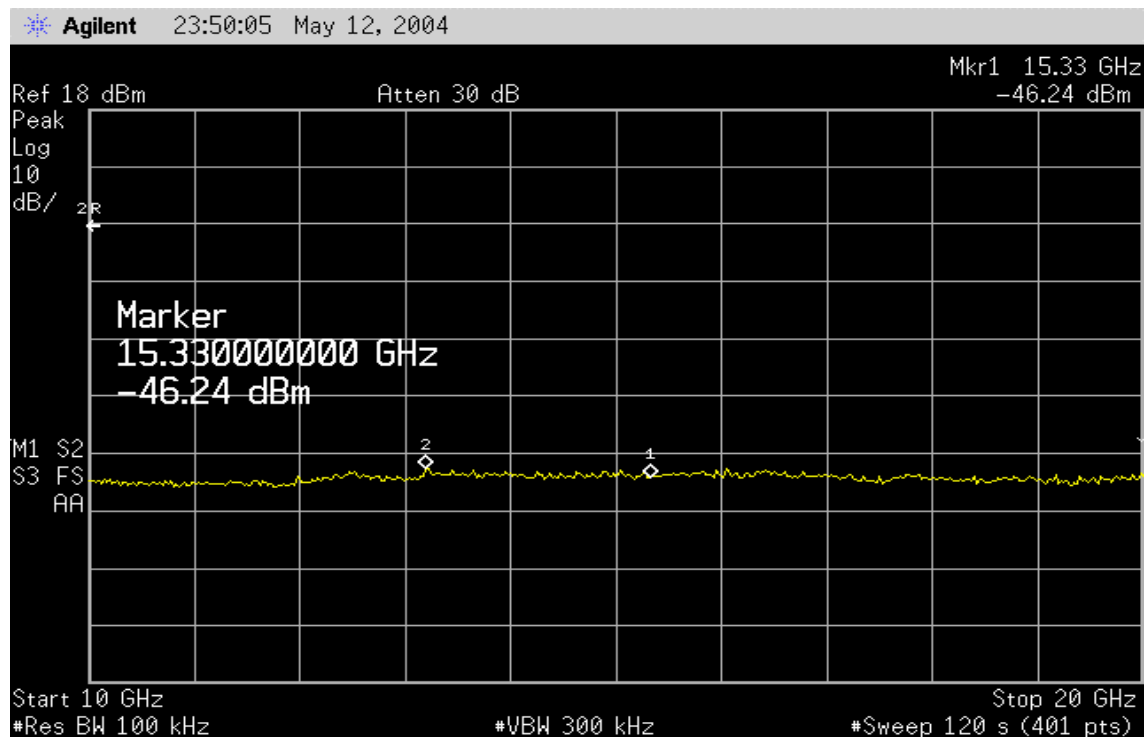
Spurious Frequency (MHz)	Power level (dBm)	Reference value (dBm)	Delta to reference level (dB)	Results
No peak found	-	-	-	Pass

Tx frequency : 2480MHz

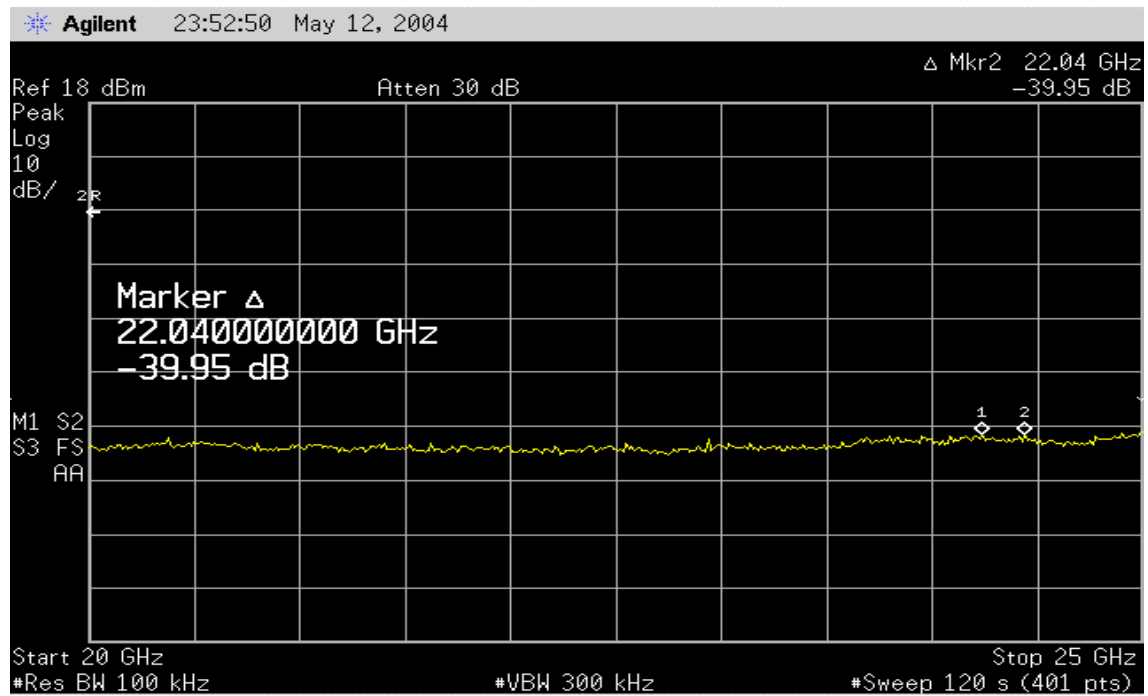
Spurious Frequency (MHz)	Power level (dBm)	Reference value (dBm)	Delta to reference level (dB)	Results
No peak found	-	-	-	Pass



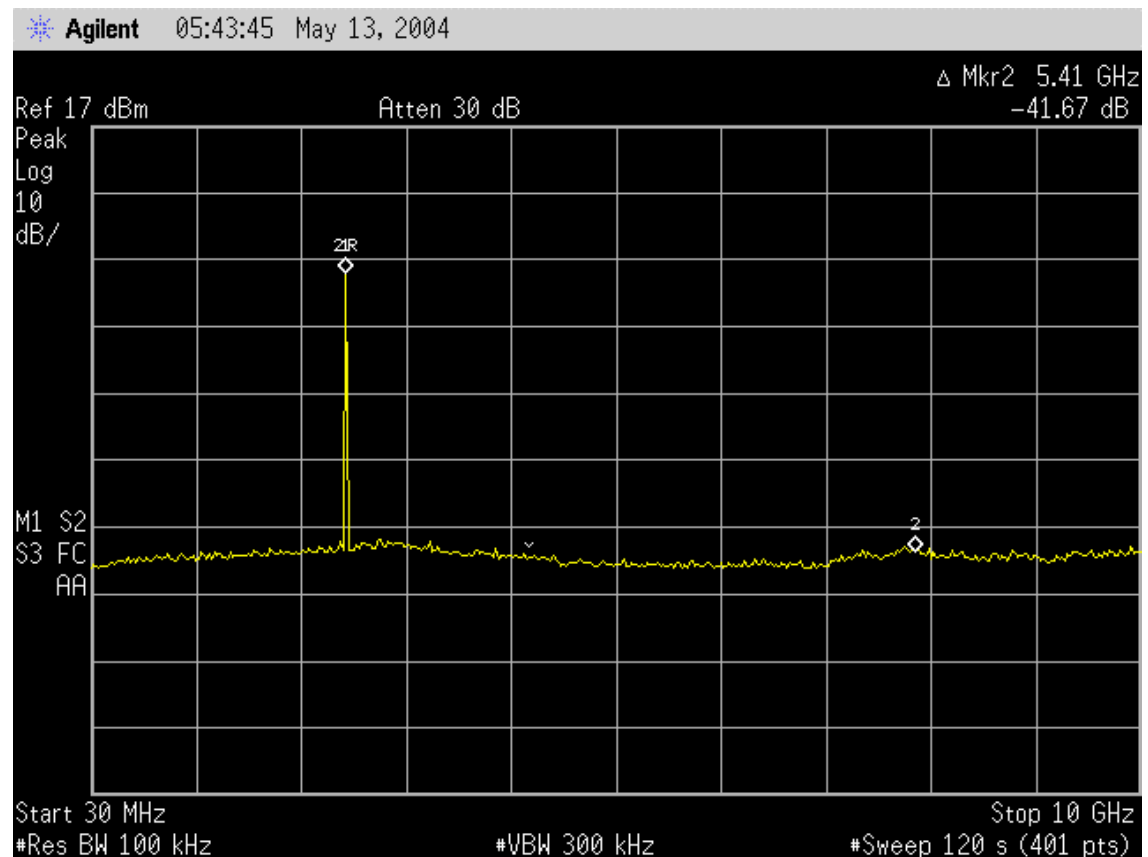
Tx frequency: 2402MHz



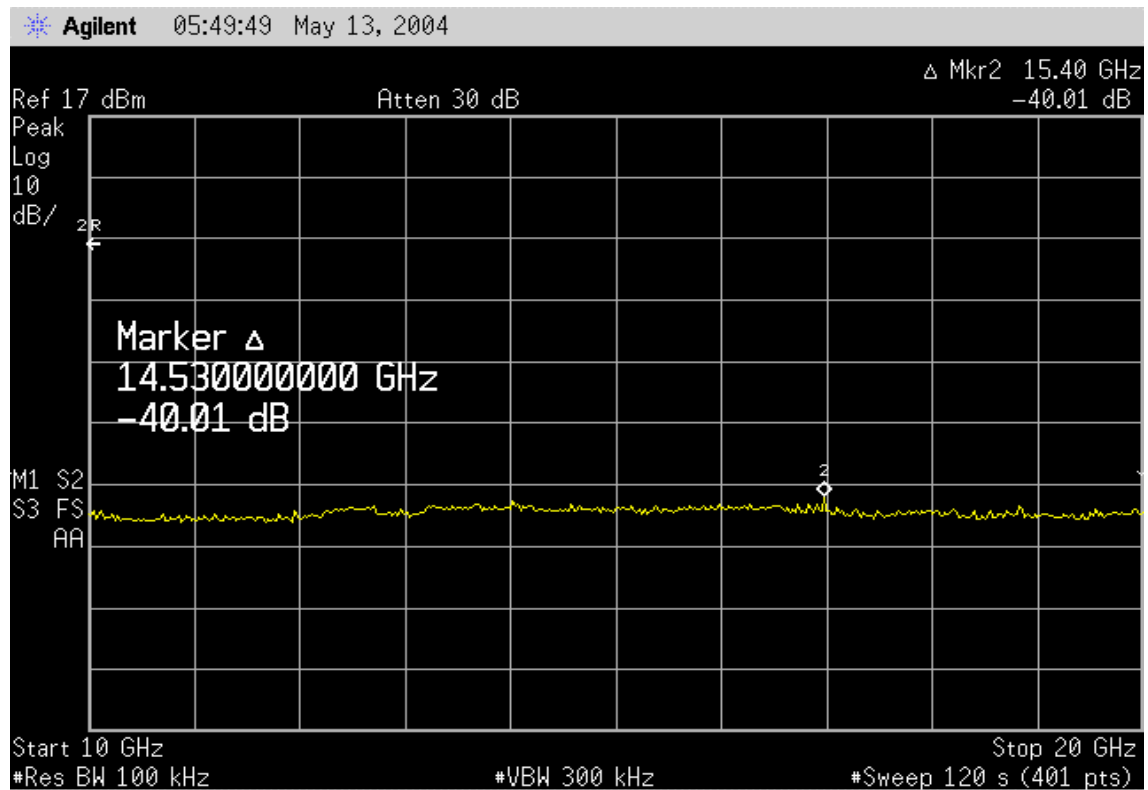
Tx frequency: 2402MHz



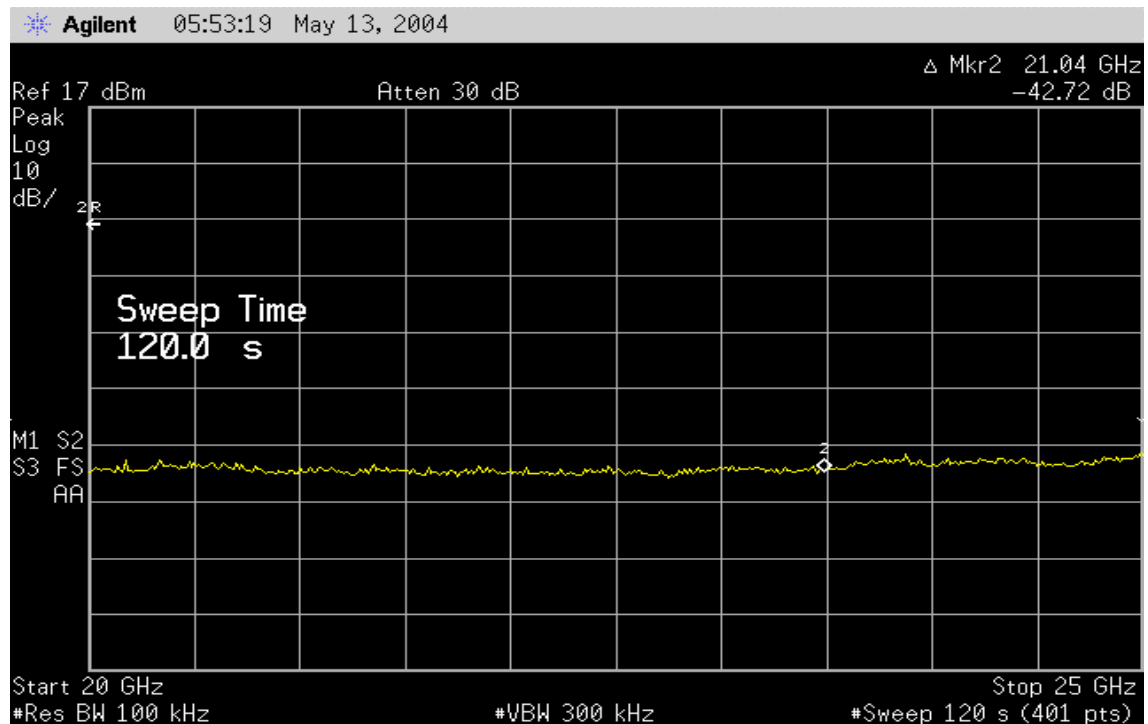
Tx frequency: 2402MHz



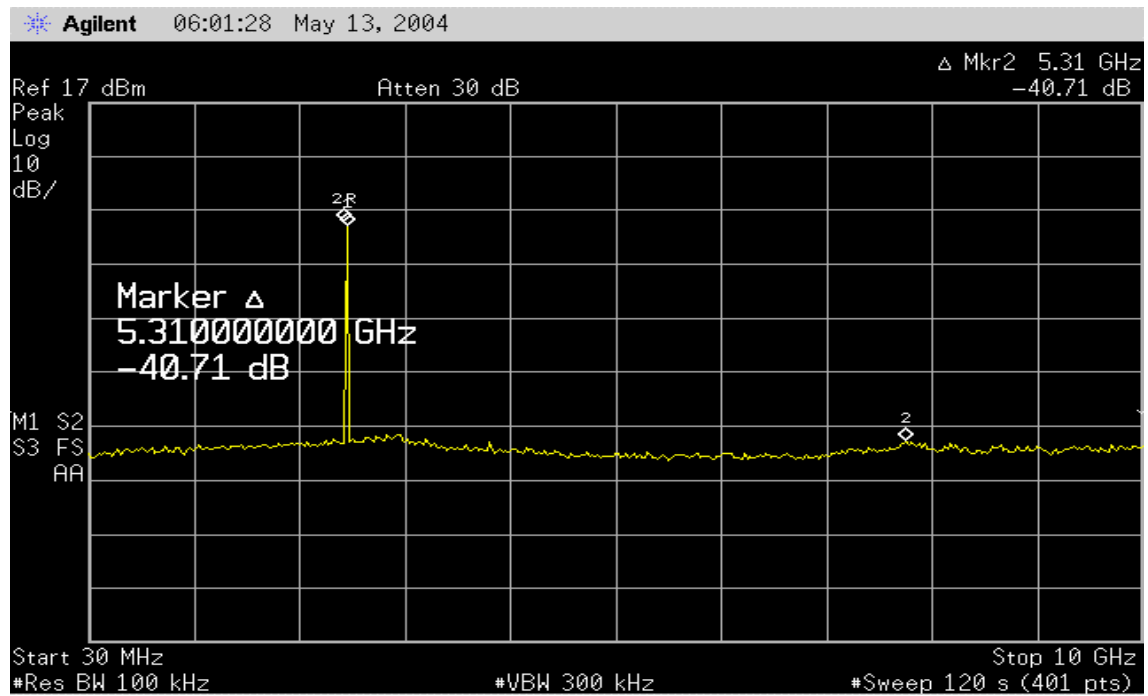
Tx frequency: 2441MHz



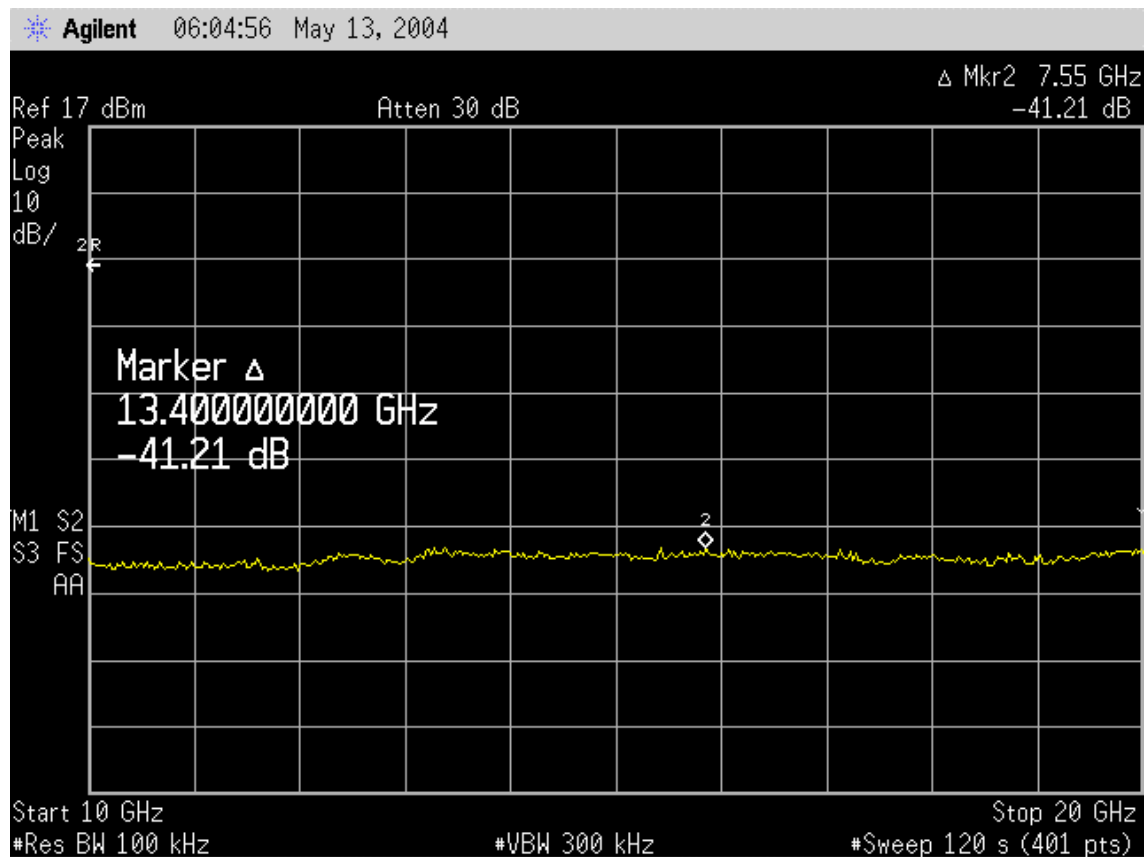
Tx frequency: 2441MHz



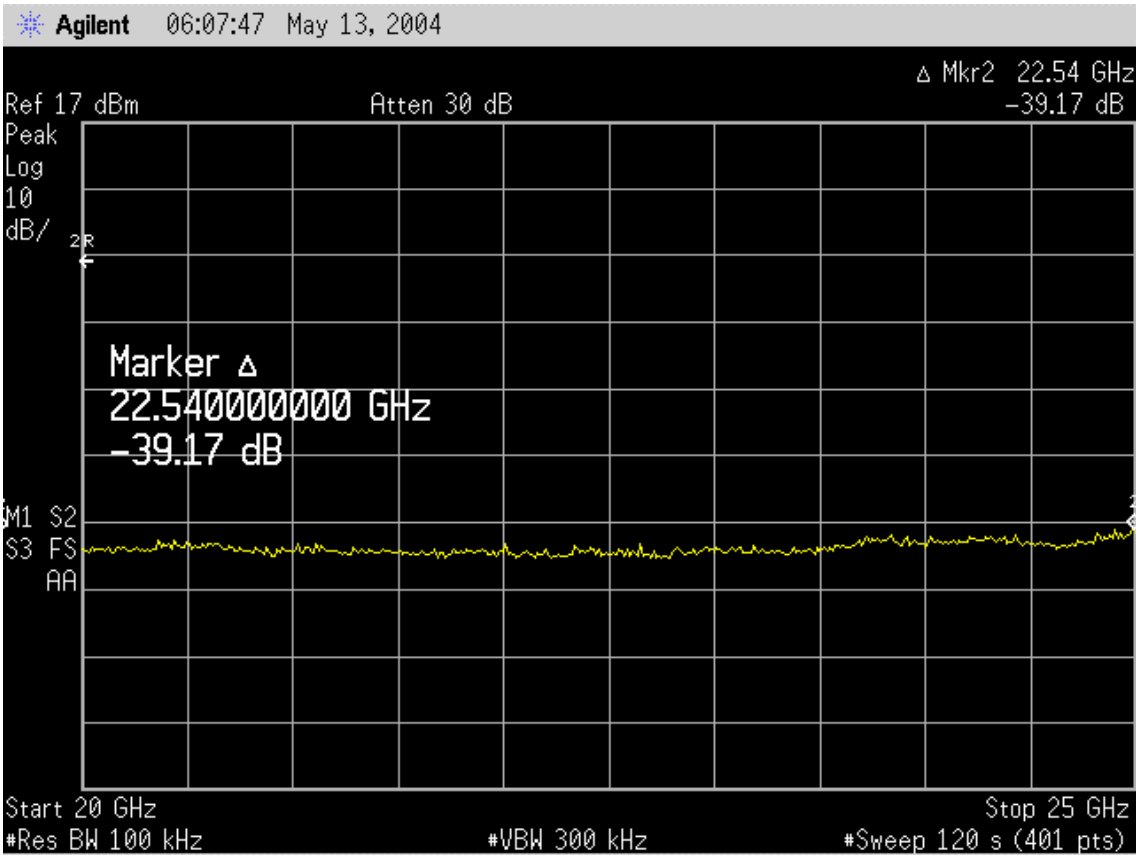
Tx frequency: 2441MHz



Tx frequency: 2480MHz



Tx frequency: 2480MHz



frequency: 2480MHz

Spurious Radiated emissions

Op. mode: TX mode, DH1 with PRBS9 payload
 High power : maximum output power

Tx frequency (MHz)	Polarization	Spurious Frequency (MHz)	Power Level (dBuV/m)	Detector (Peak)
2402	Horizontal	-	No Peak above the limit	-

Tx frequency (MHz)	Polarization	Spurious Frequency (MHz)	Power Level (dBuV/m)	Detector (Peak)
2402	Vertical	-	No Peak above the limit	-

Tx frequency (MHz)	Polarization	Spurious Frequency (MHz)	Power Level (dBuV/m)	Detector (Peak)
2441	Horizontal	-	No Peak above the limit	-

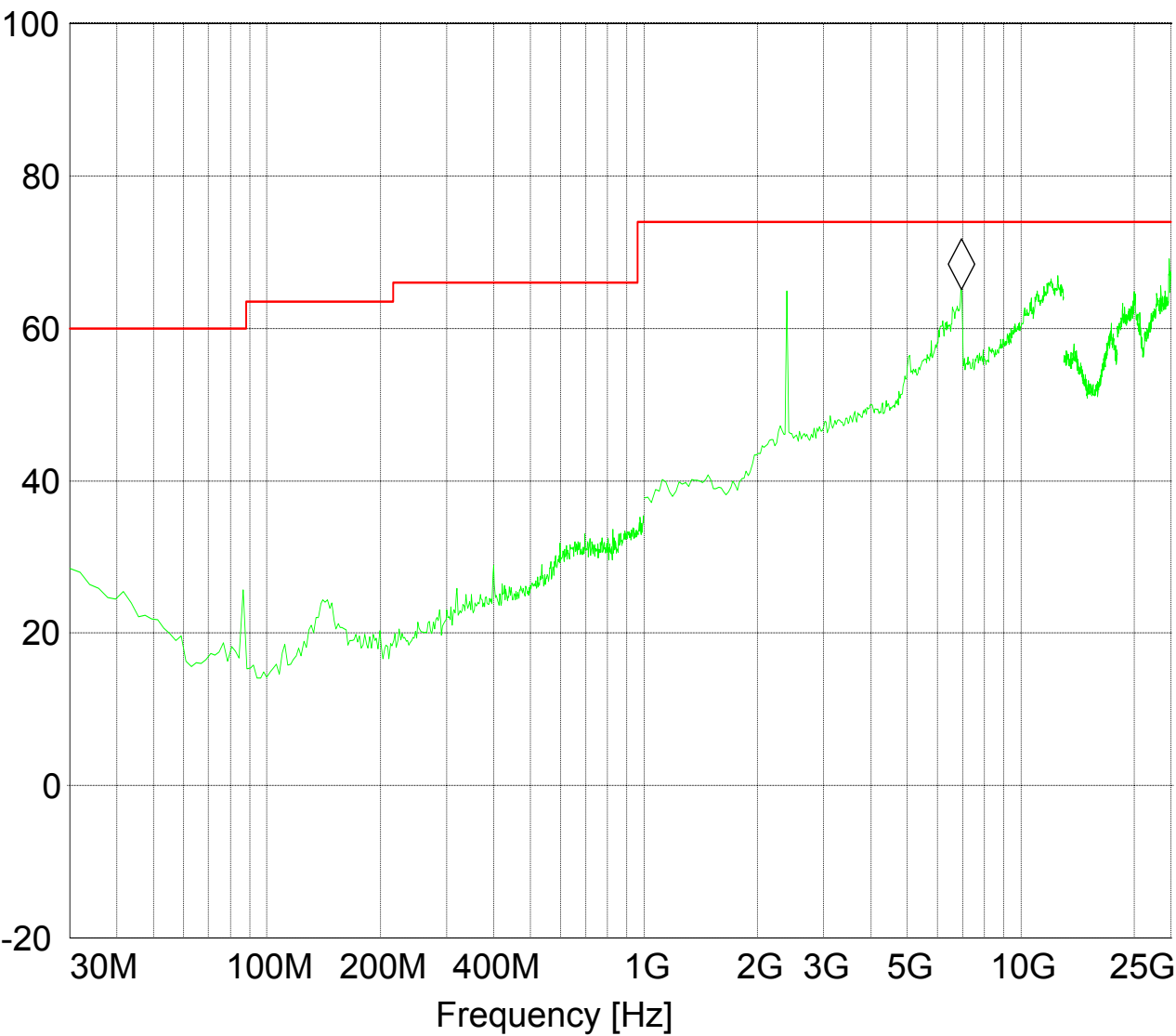
Tx frequency (MHz)	Polarization	Spurious Frequency (MHz)	Power Level (dBuV/m)	Detector (Peak)
2441	Vertical	-	No Peak above the limit	-

Tx frequency (MHz)	Polarization	Spurious Frequency (MHz)	Power Level (dBuV/m)	Detector (Peak)
2480	Horizontal	-	No Peak above the limit	-

Tx frequency (MHz)	Polarization	Spurious Frequency (MHz)	Power Level (dBuV/m)	Detector (Peak)
2480	Vertical	-	No Peak above the limit	-

Marker: 6.963927856 GHz 65.0 dBuV/m

Level [dBuV/m]

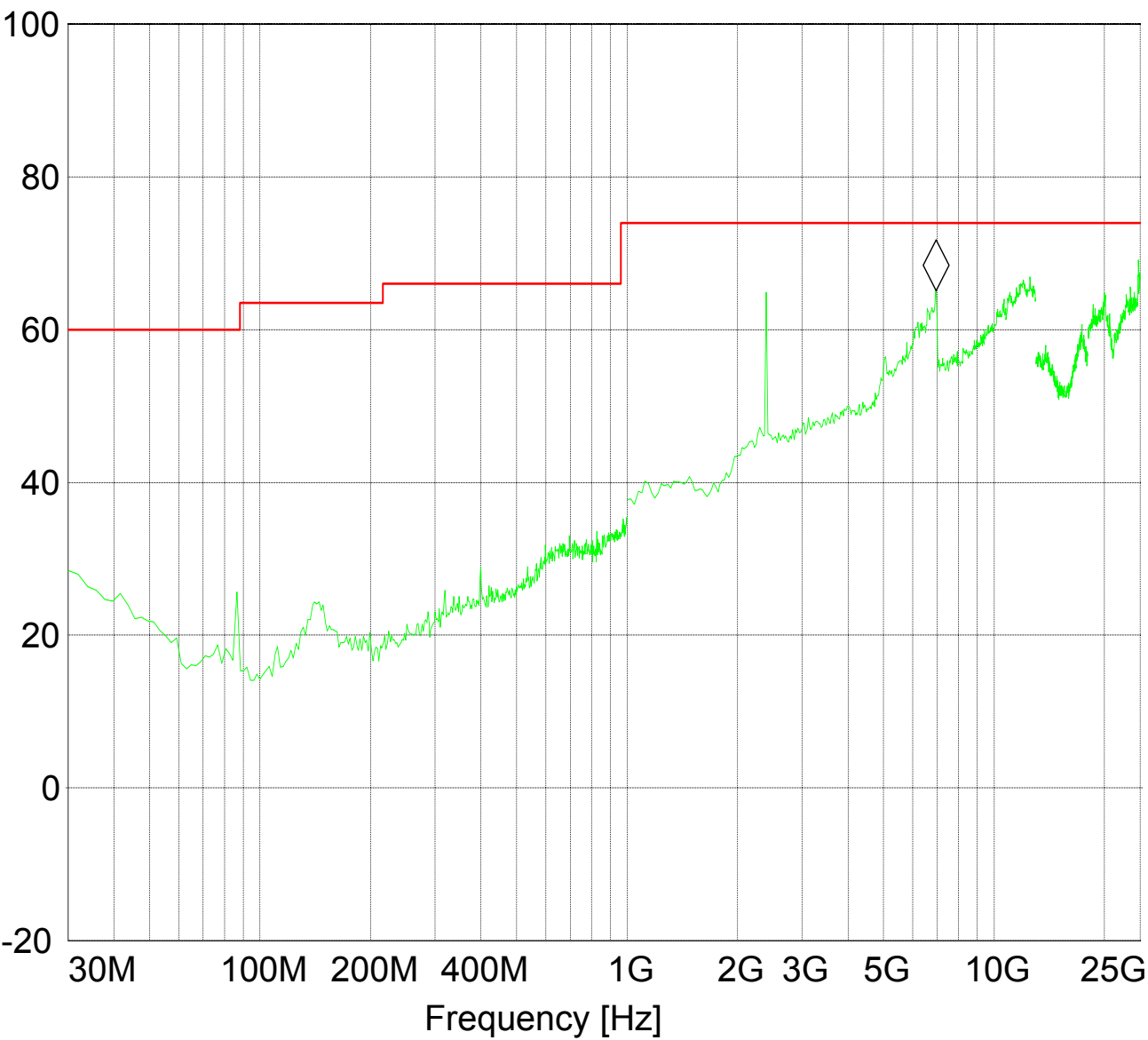


MES 20040513_003_pre
LIM FCC Part 15.247 PEAK

2402 Mhz Horizontal May 13,2004

Marker: 6.963927856 GHz 65.0 dBuV/m

Level [dBuV/m]

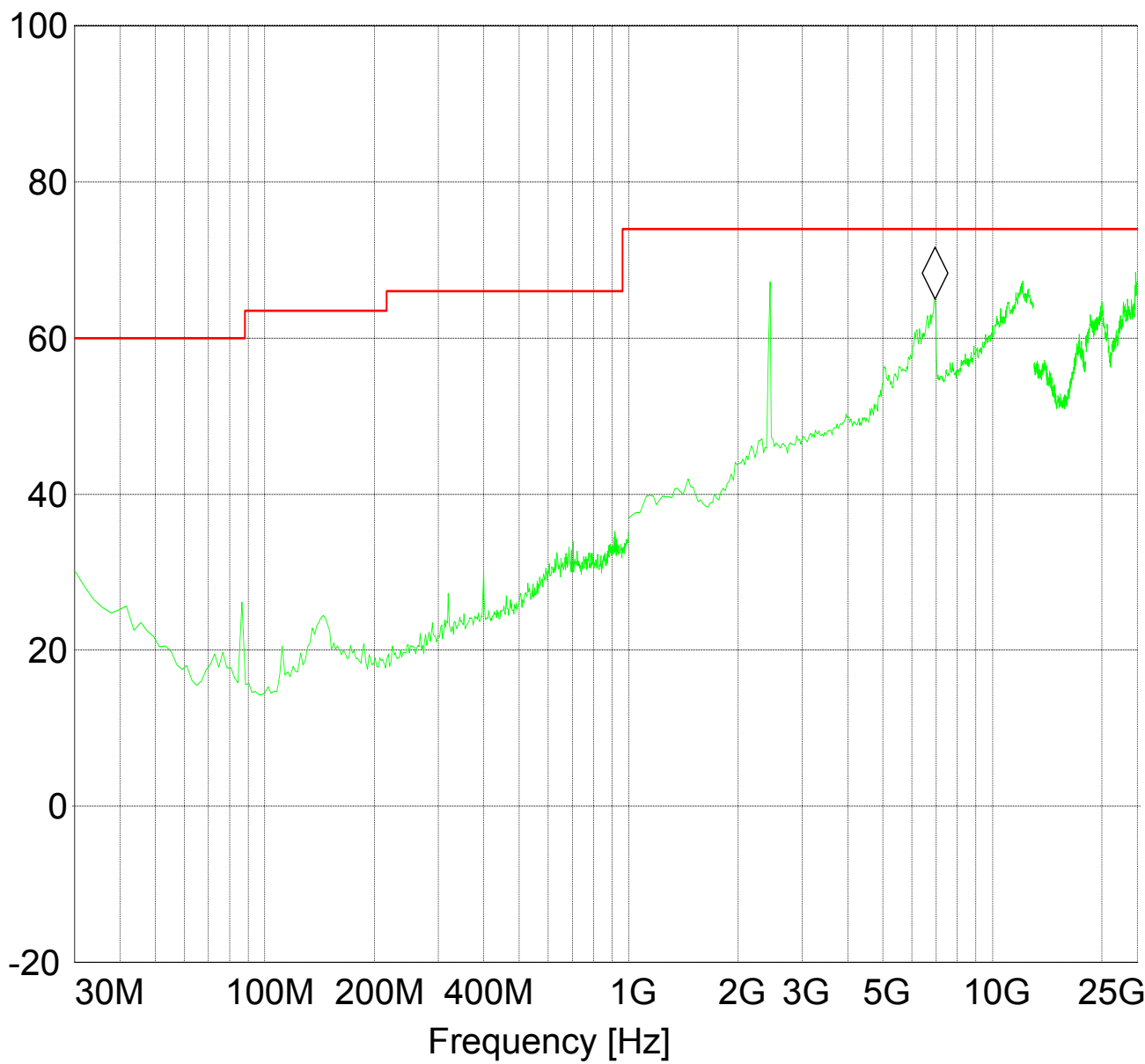


MES 20040513_003_pre
LIM FCC Part 15.247 PEAK

2402 Mhz Vertical May 13, 2004

Marker: 6.963927856 GHz 65 dBuV/m

Level [dBuV/m]

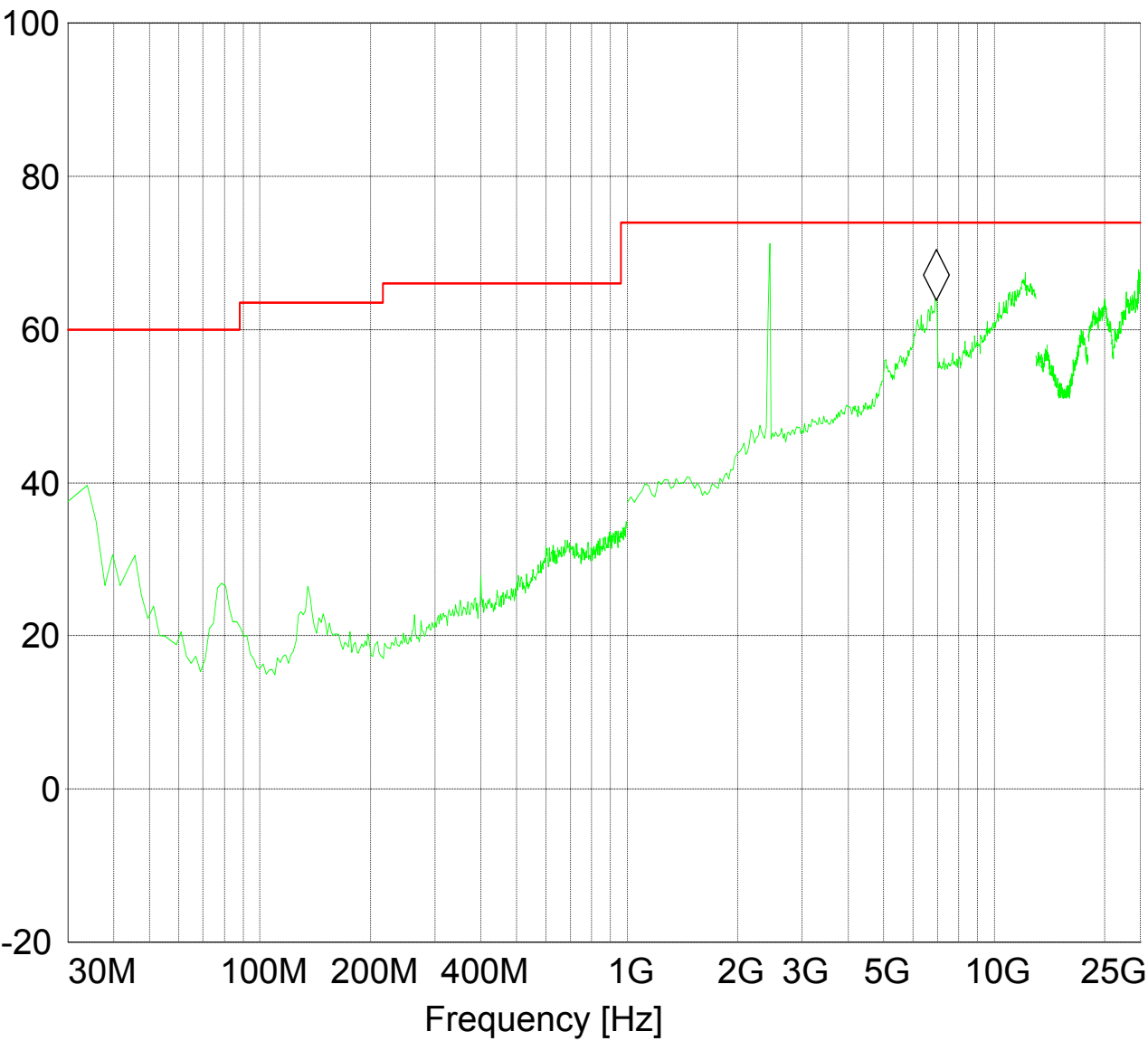


MES 20040513_004_pre
LIM FCC Part 15.247 PEAK

2441 Mhz Horizontal May 13, 2004

Marker: 6.963927856 GHz 63.7 dBuV/m

Level [dBuV/m]

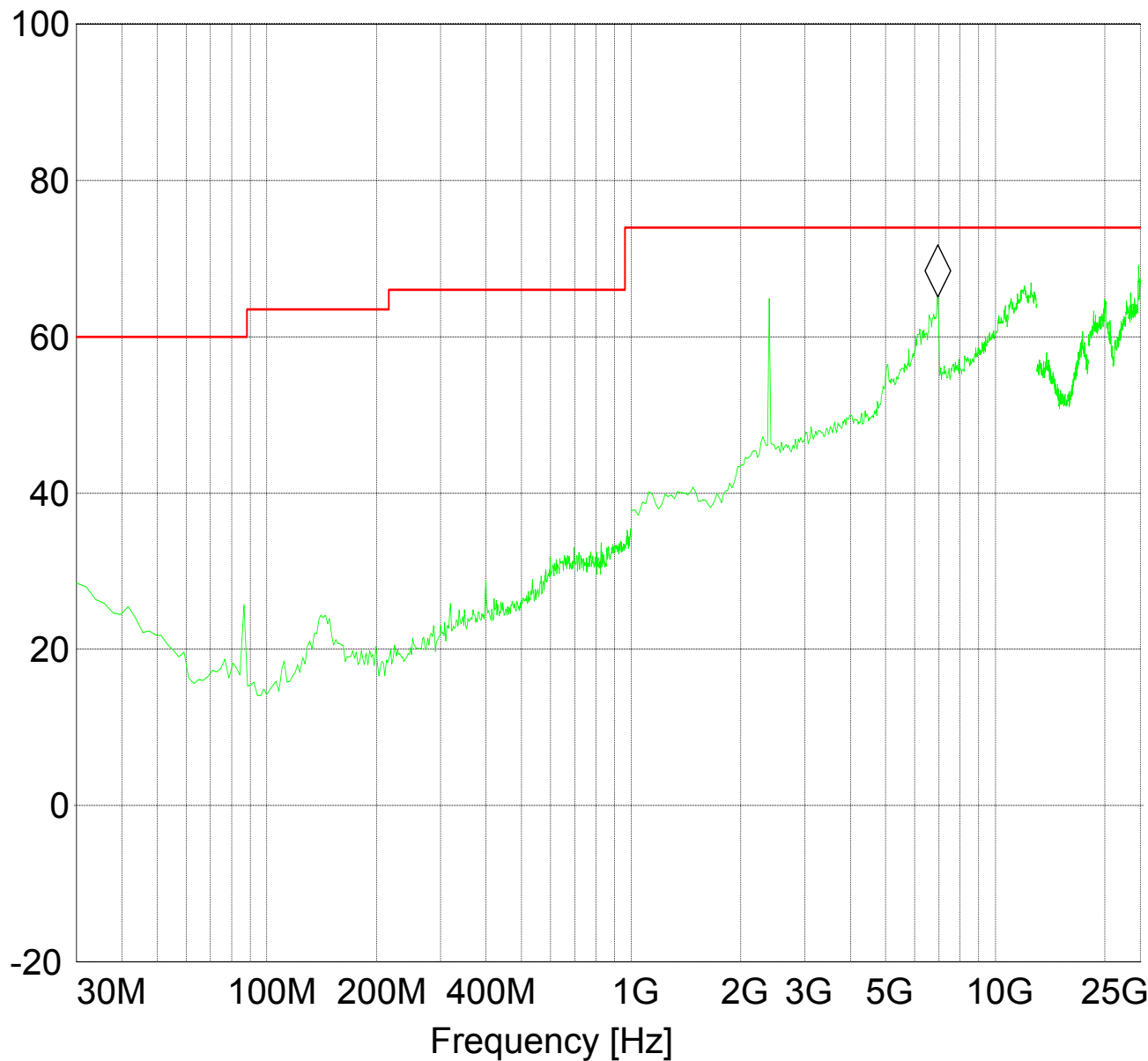


MES 20040513_007_pre
LIM FCC Part 15.247 PEAK

2441 Mhz Vertical May 13, 2004

Marker: 6.963927856 GHz 65.0 dBuV/m

Level [dBuV/m]

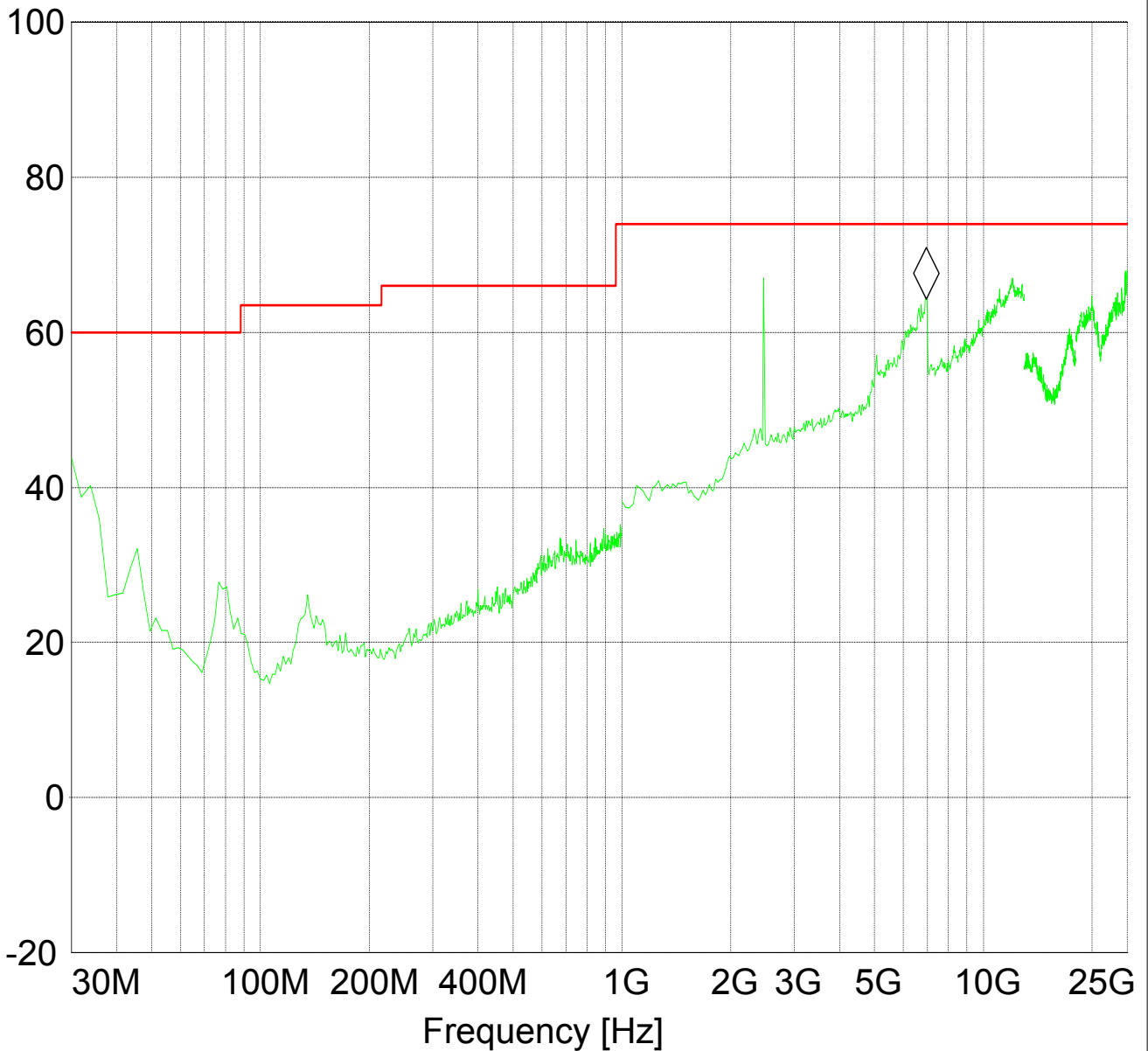


MES 20040513_003_pre
LIM FCC Part 15.247 PEAK

2480 Mhz Horizontal May 13, 2004

Marker: 6.963927856 GHz 64. dBuV/m

Level [dBuV/m]



MES 20040513_006_pre
LIM FCC Part 15.247 PEAK

2480 Mhz Vertical May 13, 2004