

Appendix 1

Test results

Carrier Frequency Separation

Reference frequency (MHz)

2441.000

Channel Separation (MHz)

0.996

**MARKER 1**

2.440988 GHz

Ref 20 dBm

*Att 30 dB

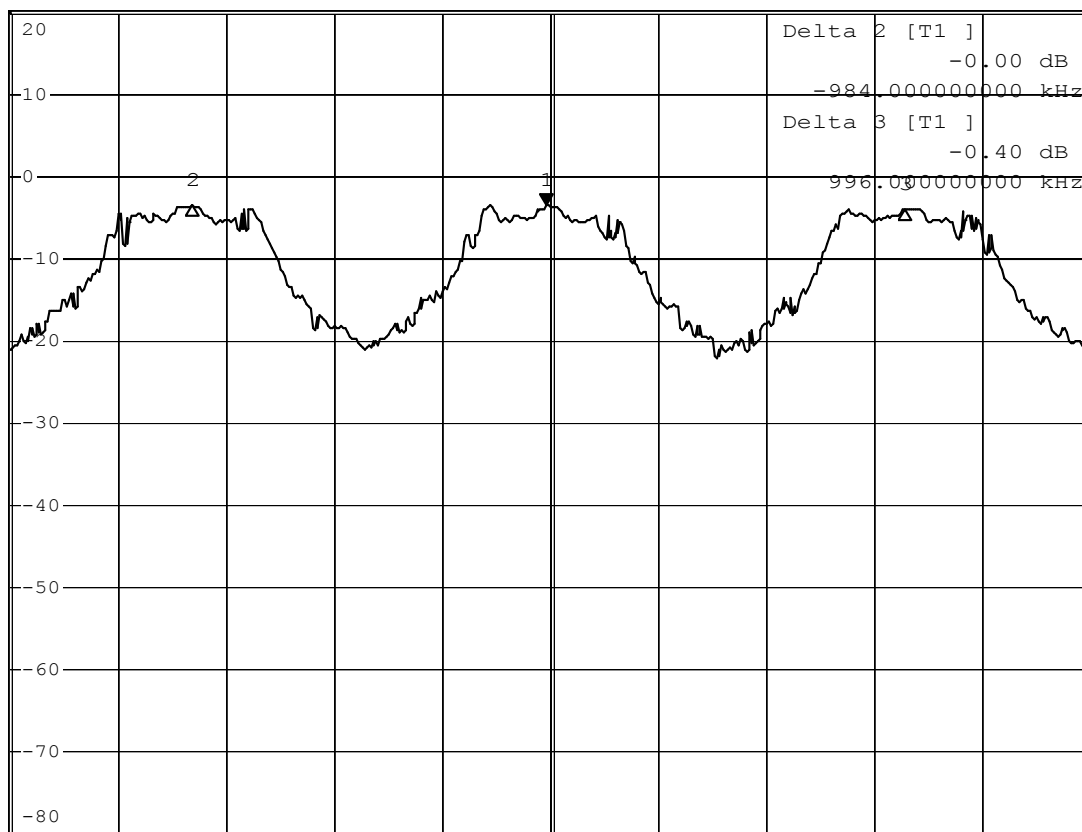
RBW 100 kHz Marker 1 [T1]

VBW 300 kHz

-3.60 dBm

SWT 2.5 ms

2.440988000 GHz

**1 PK
MAXH****A**

Center 2.441 GHz

300 kHz/

Span 3 MHz

Date: 22.JUN.2006 17:16:00

Dwell Time

Burst Duration (ms)	Number of hopping	Time of occupancy (s)	Result
2.920	64	$0.002920 \times 64 =$ 0.1869	Pass

**MARKER 1**4 μ s

Ref 20 dBm

*Att 30 dB

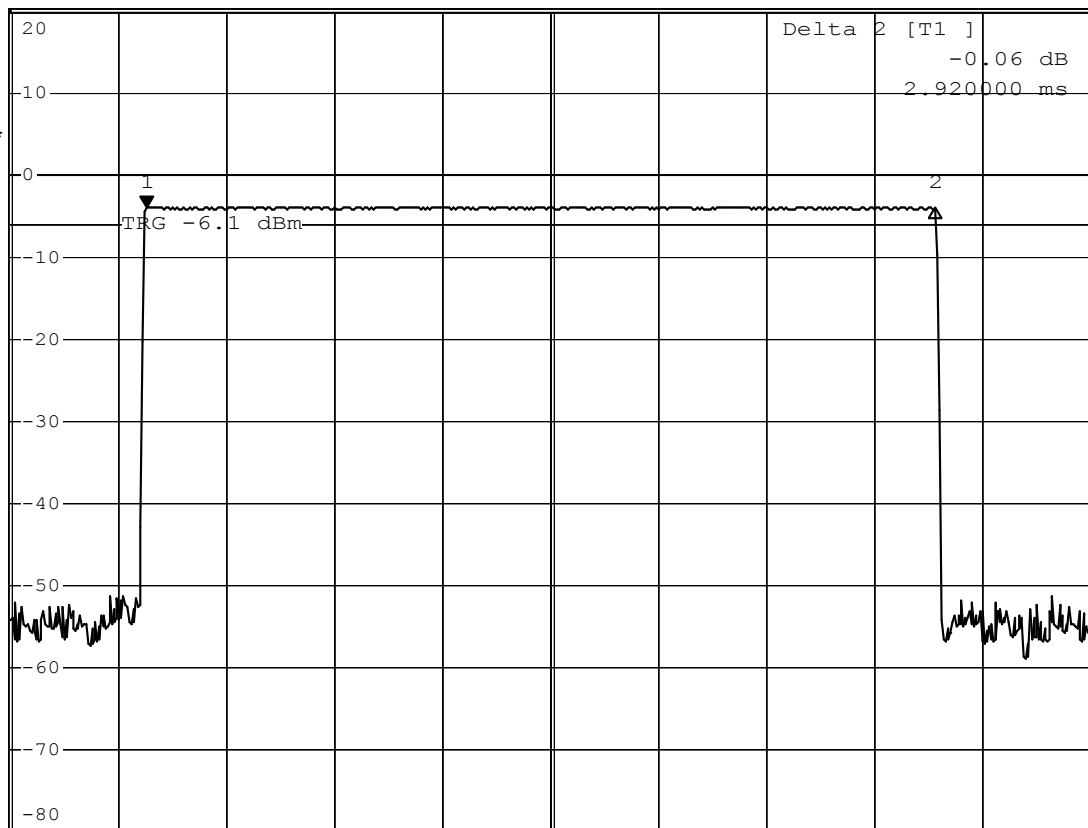
RBW 1 MHz

Marker 1 [T1]

VBW 3 MHz

-4.07 dBm

SWT 4 ms

4.000000 μ s1 PK *
CLRWR

Center 2.441 GHz

400 μ s/

Date: 22.JUN.2006 17:18:50

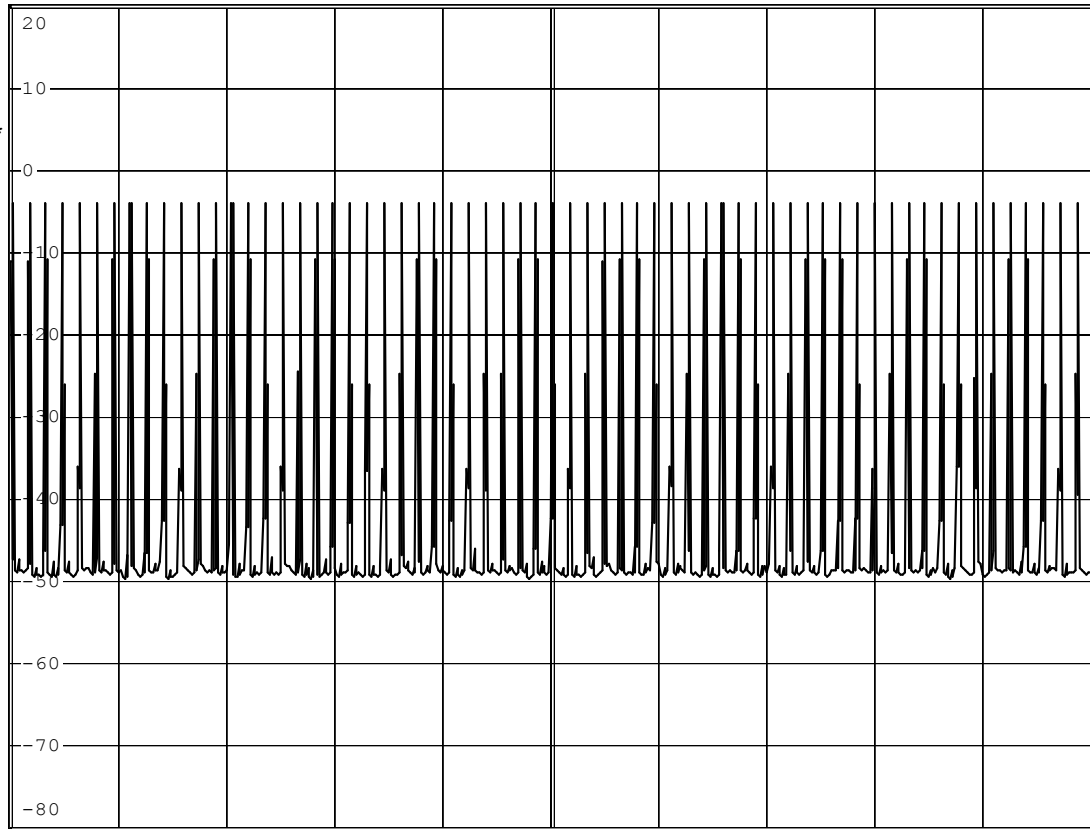


SWEEP TIME
31.6 s

RBW 1 MHz
VBW 3 MHz
SWT 31.6 s

Ref 20 dBm *Att 30 dB

1 PK*
CLRWR



Center 2.441 GHz

3.16 s/

Date: 22.JUN.2006 17:20:12

20dB Bandwidth

Tx frequency (MHz)	Δf_L (MHz)	Δf_H (MHz)	$ \Delta f_H + \Delta f_L $ (MHz)	Results
2402	0.460	0.460	0.920	Pass
2441	0.460	0.468	0.928	Pass
2480	0.468	0.448	0.916	Pass

Tx frequency: 2402MHz

**FREQUENCY LINE 2**

2.402464 GHz

Ref 20 dBm

*Att 30 dB

*RBW 30 kHz

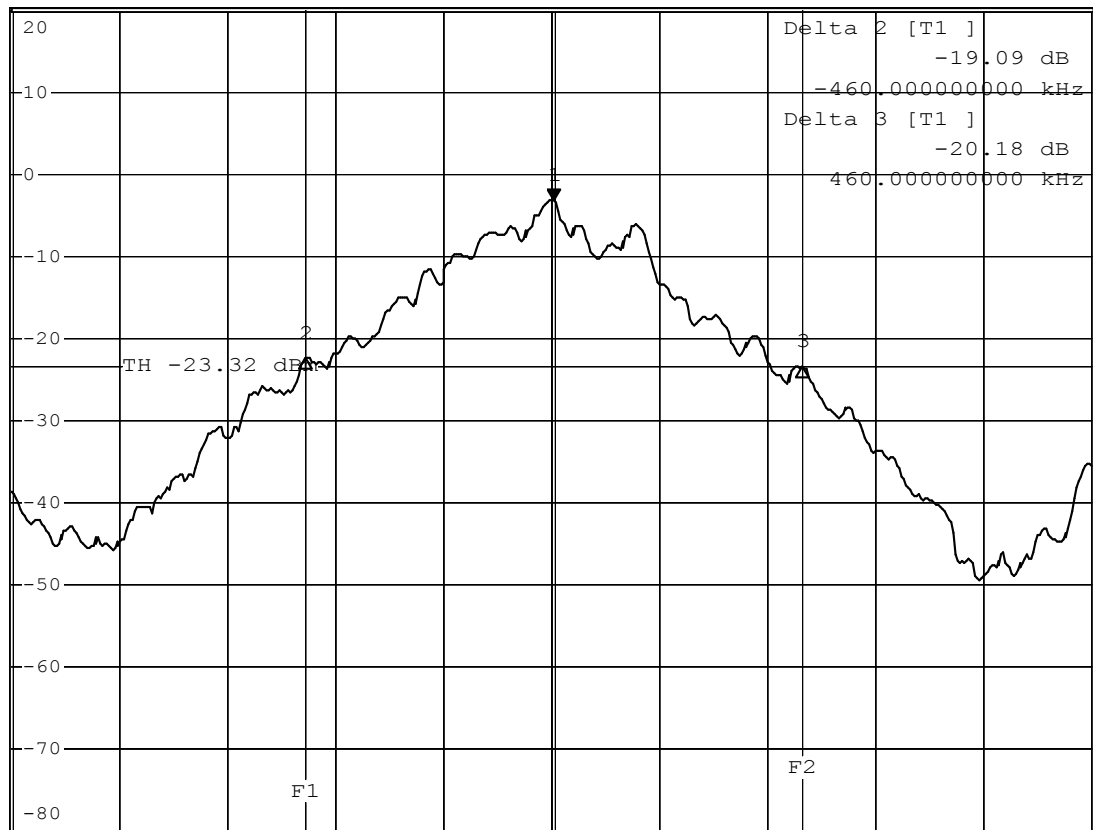
Marker 1 [T1]

VBW 100 kHz

-3.32 dBm

SWT 2.5 ms

2.402004000 GHz

1 PK
MAXH

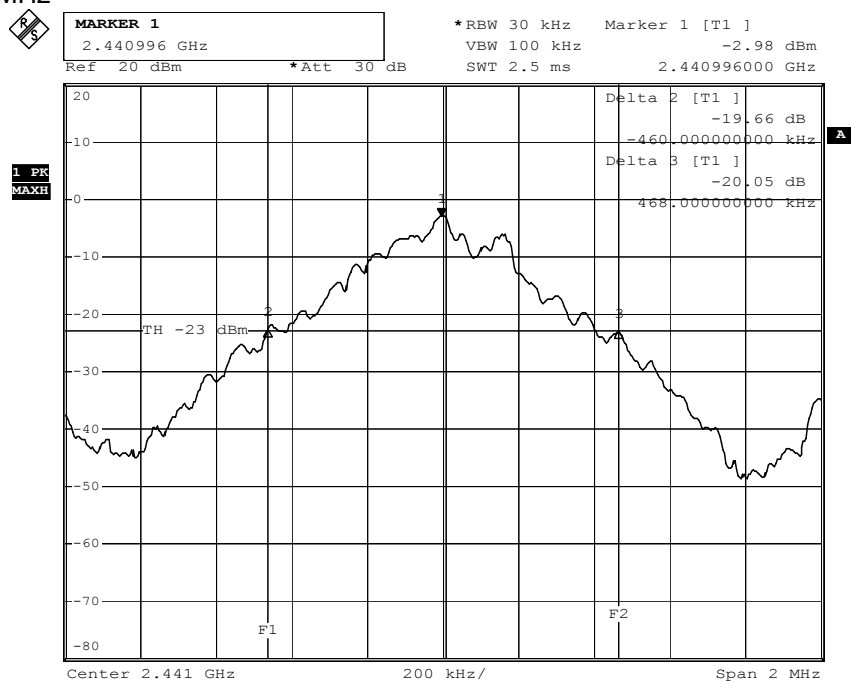
Center 2.402 GHz

200 kHz/

Span 2 MHz

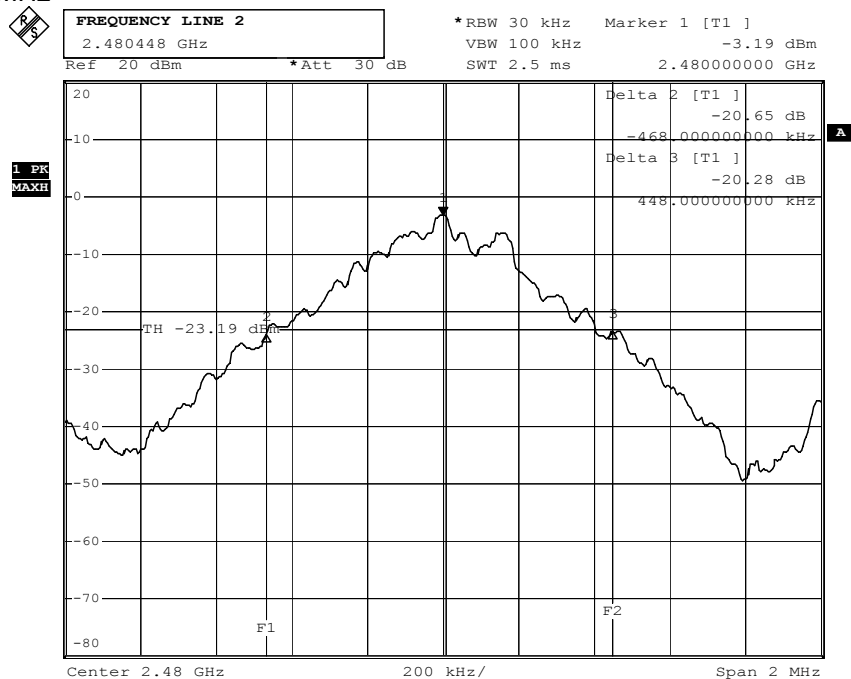
Date: 22.JUN.2006 17:22:53

Tx frequency: 2441MHz



Date: 22.JUN.2006 17:24:37

Tx frequency: 2480MHz



Date: 22.JUN.2006 17:26:24

Peak Output Power

Tx Frequency (MHz)	Power P _{PK} (dBm)	Cable Attenuation (dB)	Actual Peak Power (dBm)	Results
2402	-4.02	3.52	-0.50	Pass
2441	-3.83	3.65	-0.18	Pass
2480	-3.60	3.60	0.00	Pass

Tx frequency: 2402MHz

**MARKER 1**

2.40185 GHz

Ref 20 dBm

*Att 30 dB

*RBW 1 MHz

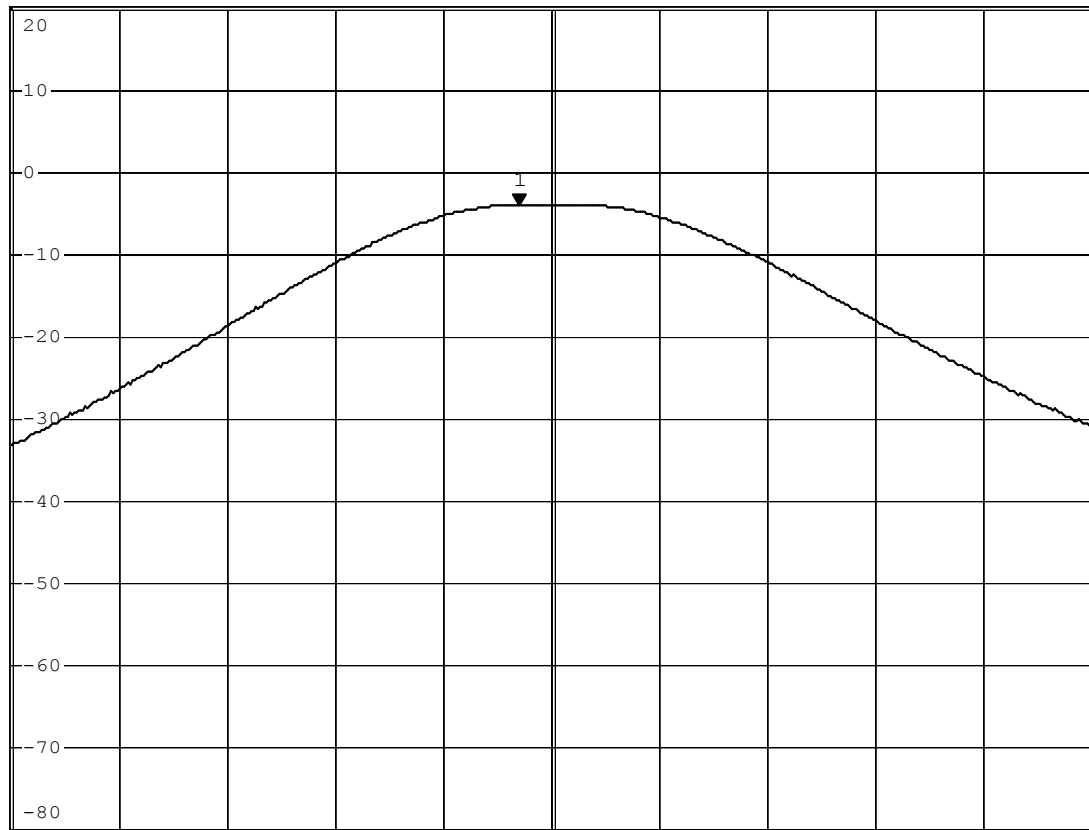
Marker 1 [T1]

VBW 3 MHz

-4.02 dBm

SWT 2.5 ms

2.401850000 GHz

1 PK
MAXH

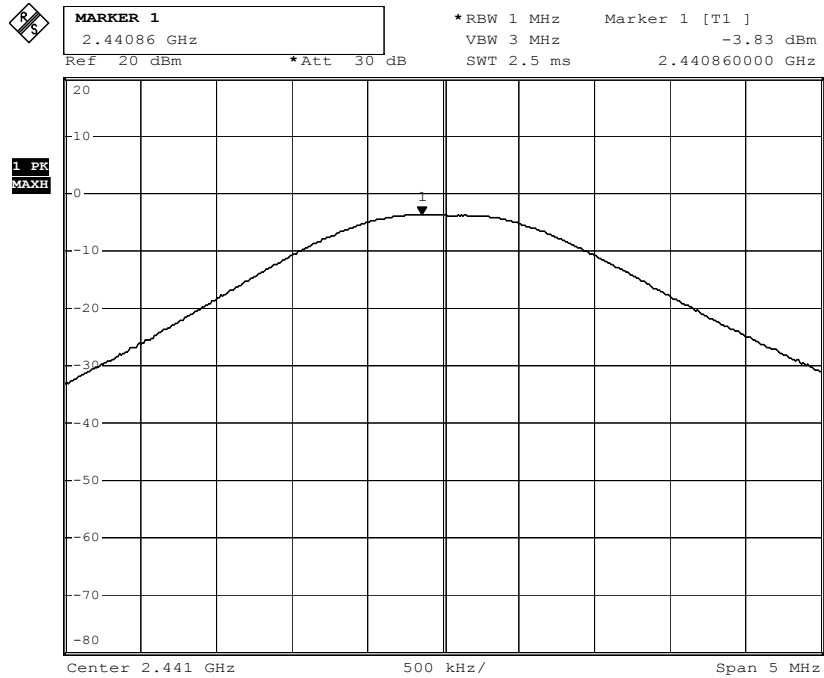
Center 2.402 GHz

500 kHz/

Span 5 MHz

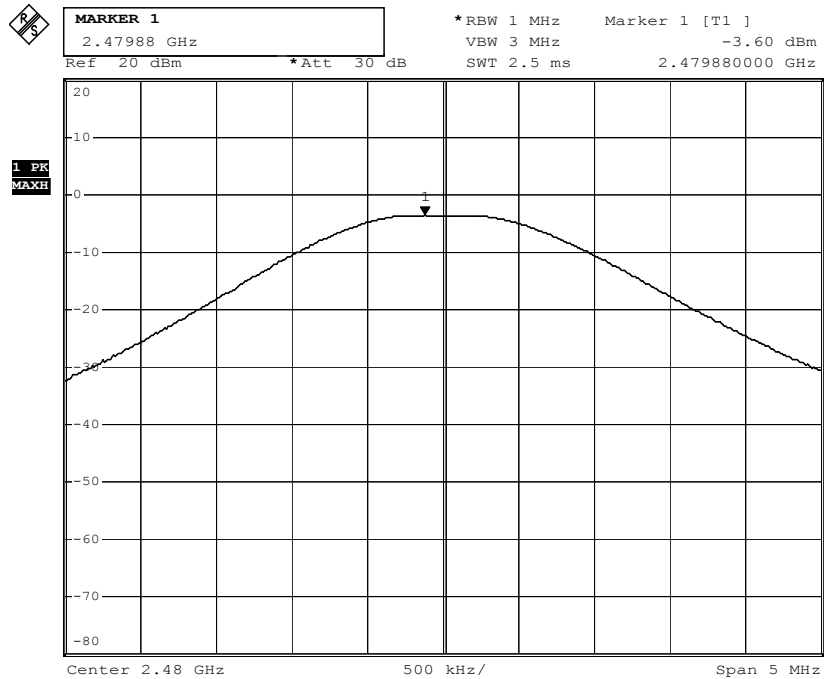
Date: 22.JUN.2006 17:27:43

Tx frequency: 2441MHz



Date: 22.JUN.2006 17:28:20

Tx frequency: 2480MHz



Date: 22.JUN.2006 17:28:51

Band Edge Compliance

Tx Frequency (MHz)	Peak in band Power level (dBm)	RF power outside 100kHz BW (MHz)	RF power difference outside 100kHz BW (dB)	Results
2402	-	No Peak	-	Pass
2480	-	No Peak	-	Pass

Tx frequency: 2402MHz

**MARKER 1**

2.402 GHz

Ref 20 dBm

*Att 30 dB

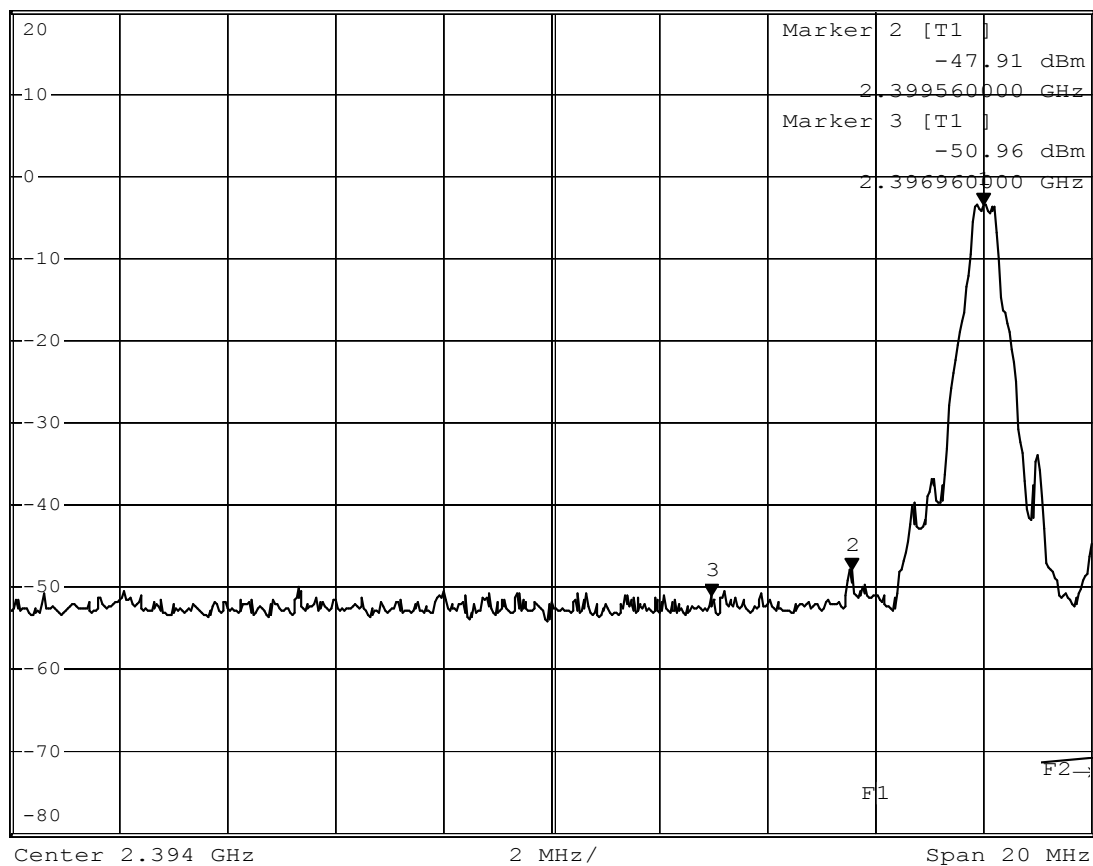
*RBW 100 kHz Marker 1 [T1]

VBW 300 kHz

-3.55 dBm

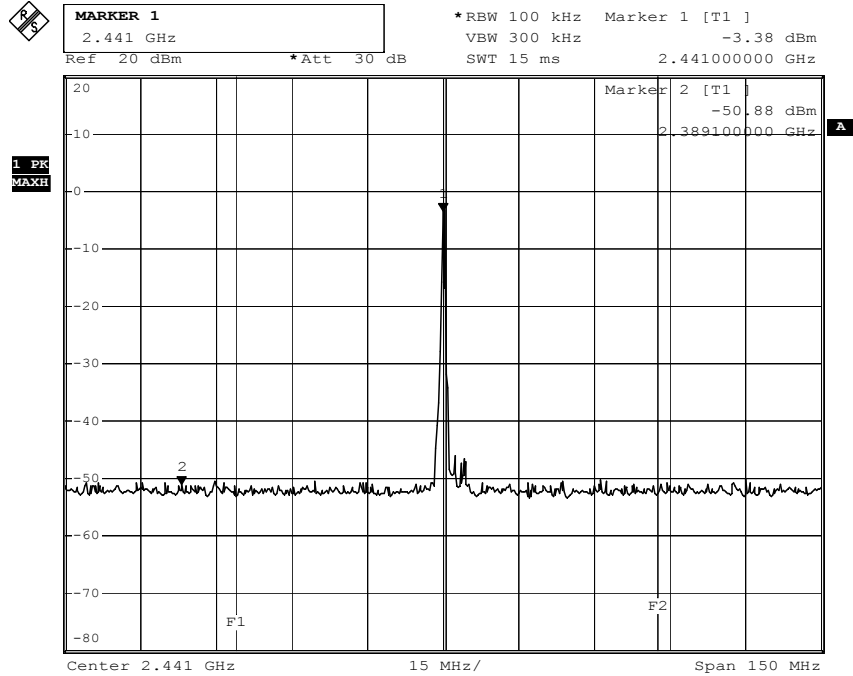
SWT 2.5 ms

2.402000000 GHz

1 PK
MAXH

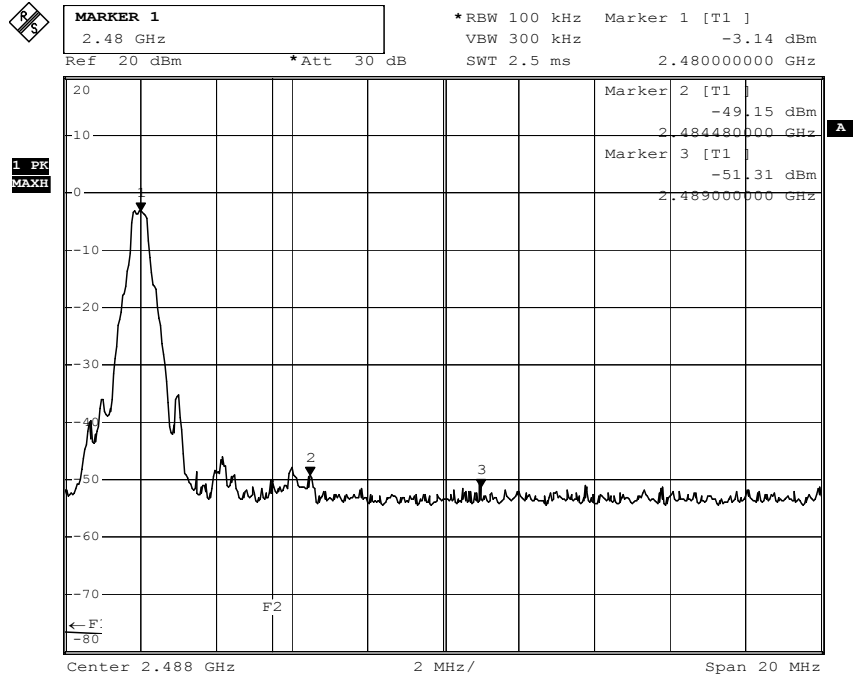
Date: 22.JUN.2006 17:30:31

Tx frequency: 2441MHz



Date: 22.JUN.2006 17:31:40

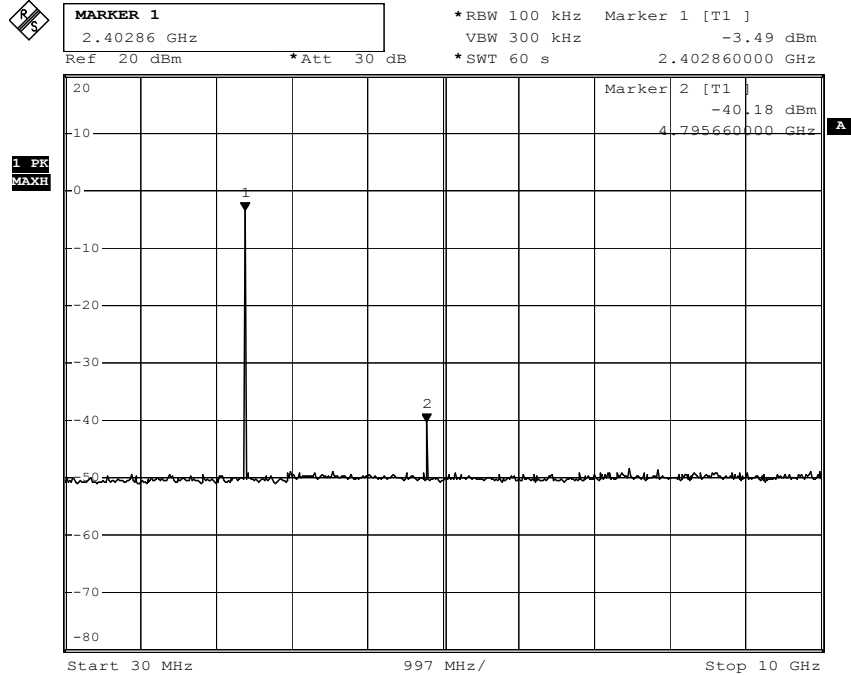
Tx frequency: 2480MHz



Date: 22.JUN.2006 17:32:34

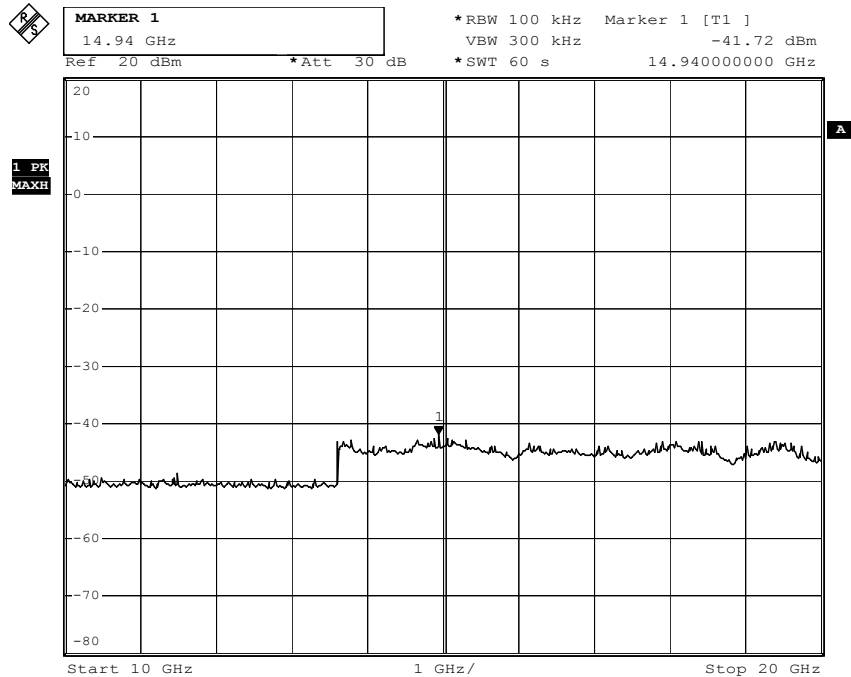
Spurious Emissions - Conducted

Tx frequency: 2402MHz



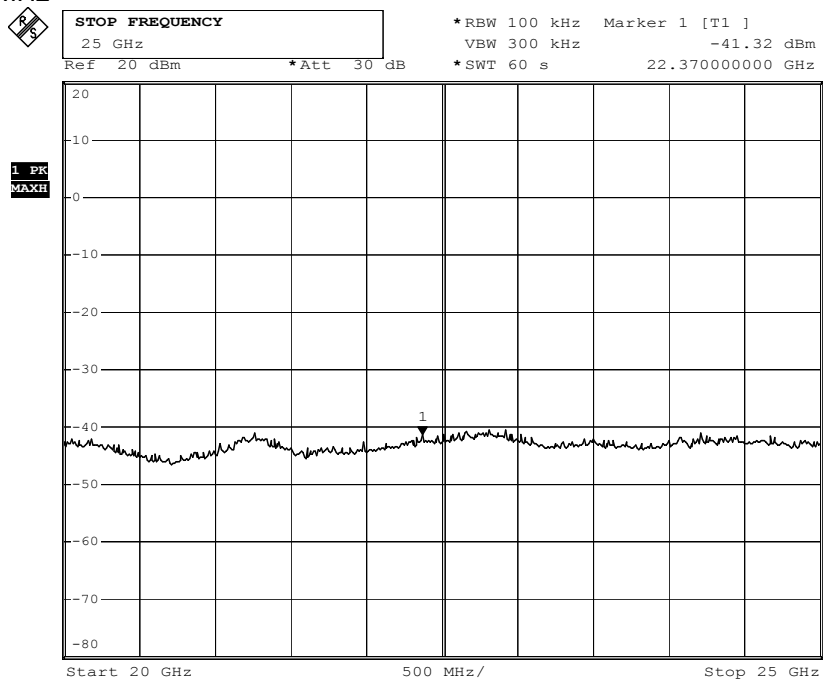
Date: 22.JUN.2006 18:02:38

Tx frequency: 2402MHz



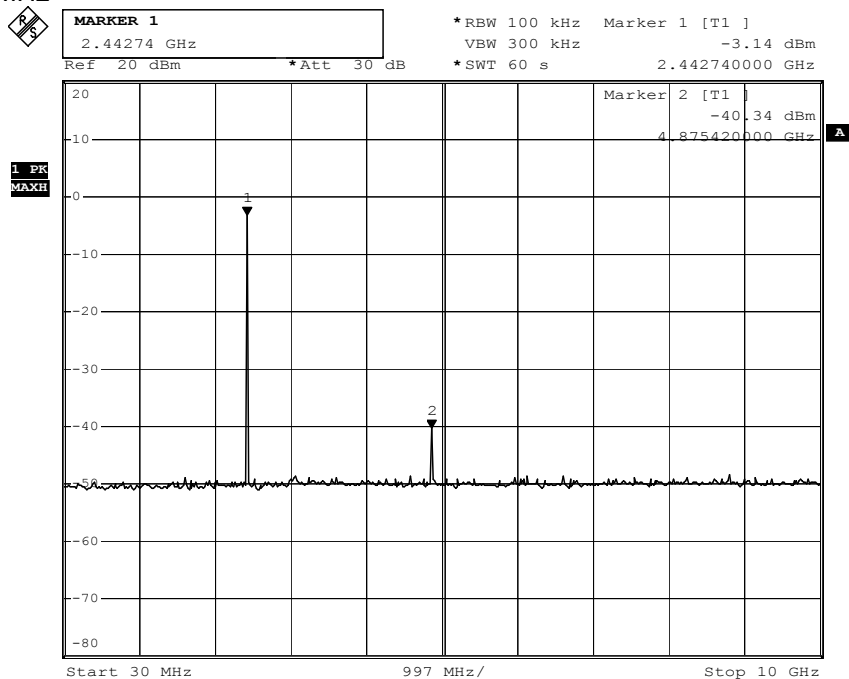
Date: 22.JUN.2006 18:26:54

Tx frequency: 2402MHz



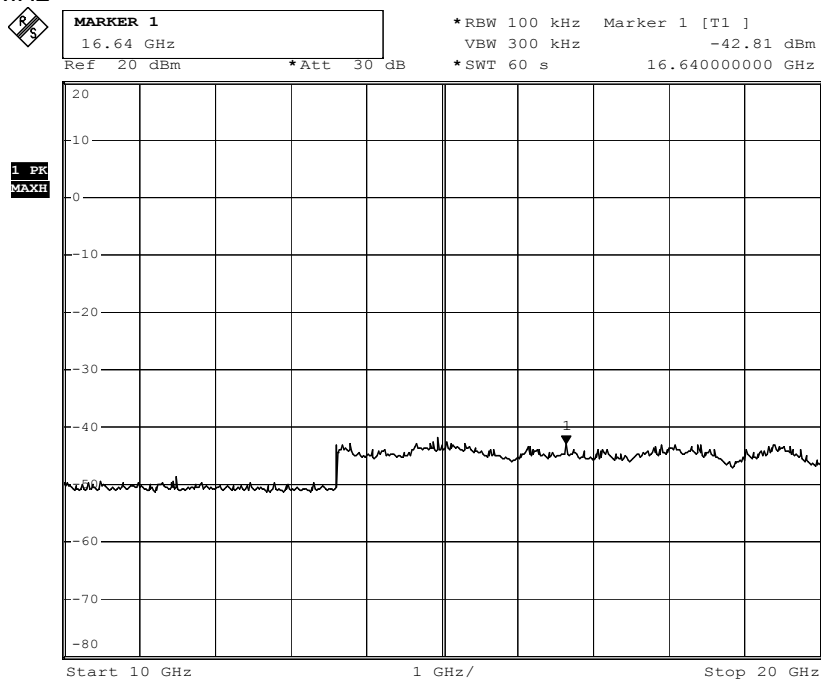
Date: 22.JUN.2006 18:34:12

Tx frequency: 2441MHz



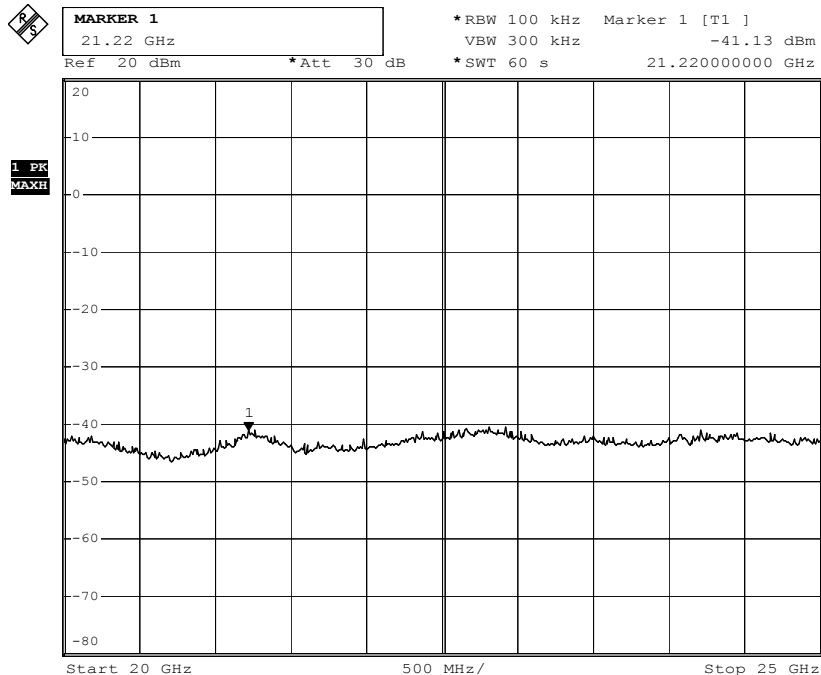
Date: 22.JUN.2006 19:08:58

Tx frequency: 2441MHz



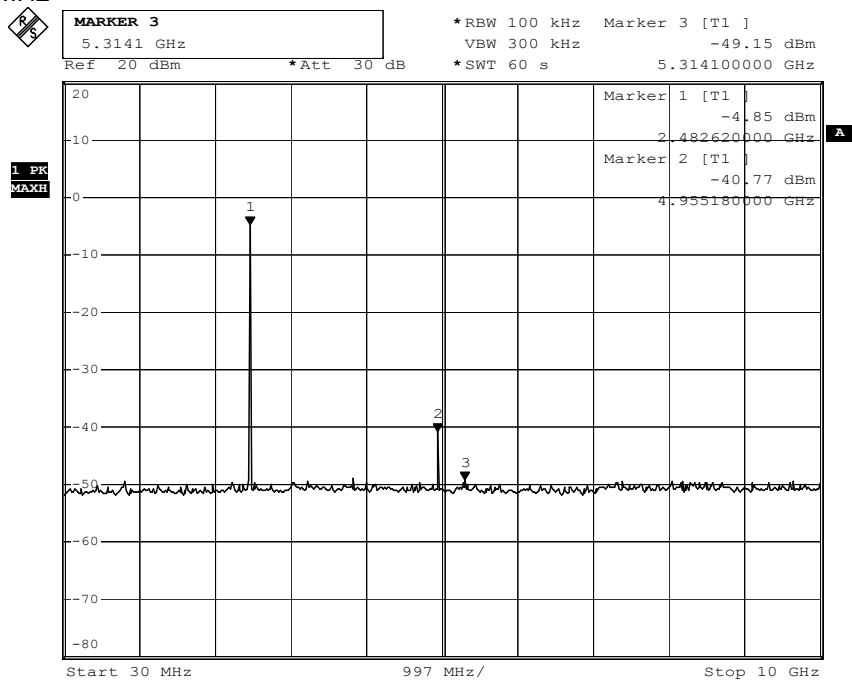
Date: 22.JUN.2006 18:27:29

Tx frequency: 2441MHz



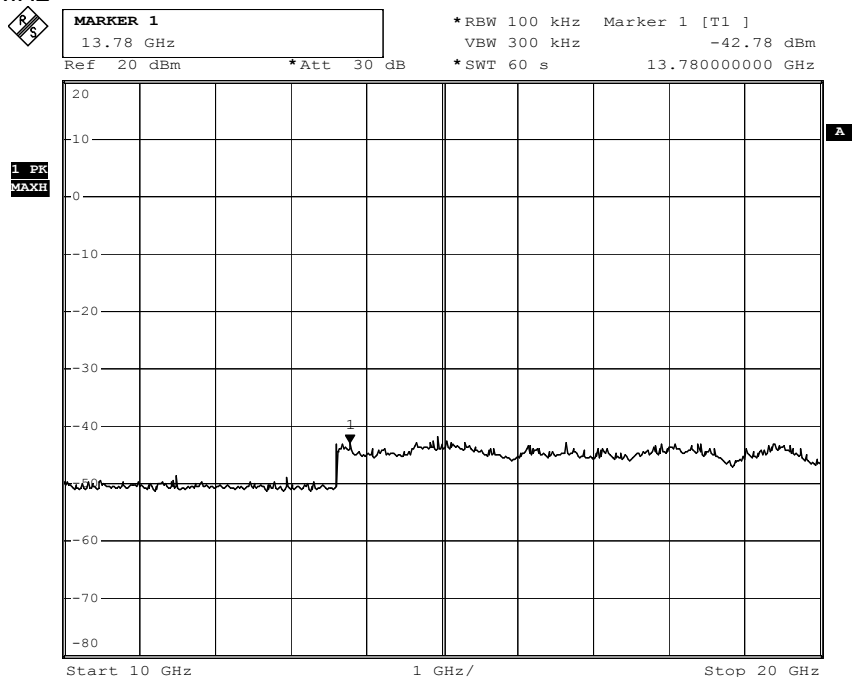
Date: 22.JUN.2006 18:34:37

Tx frequency: 2480MHz



Date: 26.JUN.2006 11:32:27

Tx frequency: 2480MHz



Date: 22.JUN.2006 18:27:47

Tx frequency: 2480MHz

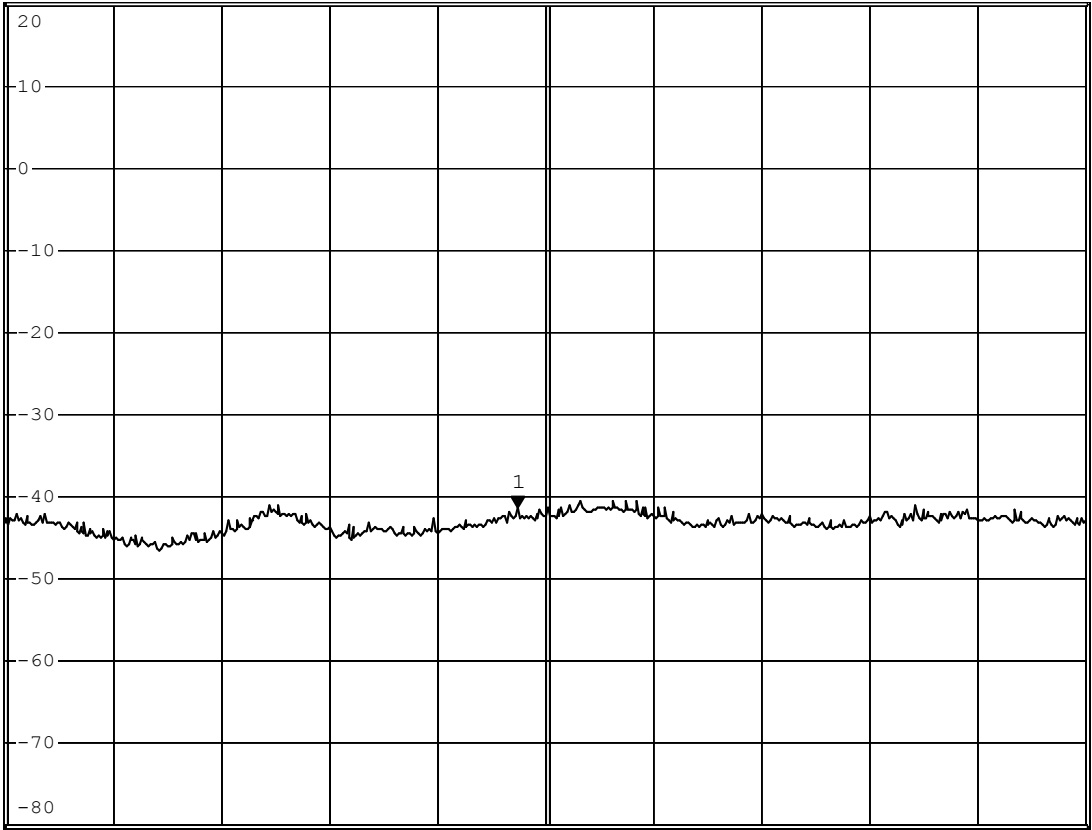


MARKER 1
22.37 GHz

*RBW 100 kHz Marker 1 [T1]
VBW 300 kHz -41.32 dBm
*SWT 60 s 22.370000000 GHz

Ref 20 dBm *Att 30 dB

1 PK
MAXH



Date: 22.JUN.2006 18:34:56