

# Appendix 1

## Test results

## Carrier Frequency Separation

Reference frequency (MHz)  
2441.000

Channel Separation (MHz)  
1.008



MARKER 1

2.441012 GHz

Ref 20 dBm

\*Att 30 dB

\*RBW 100 kHz Marker 1 [T1]

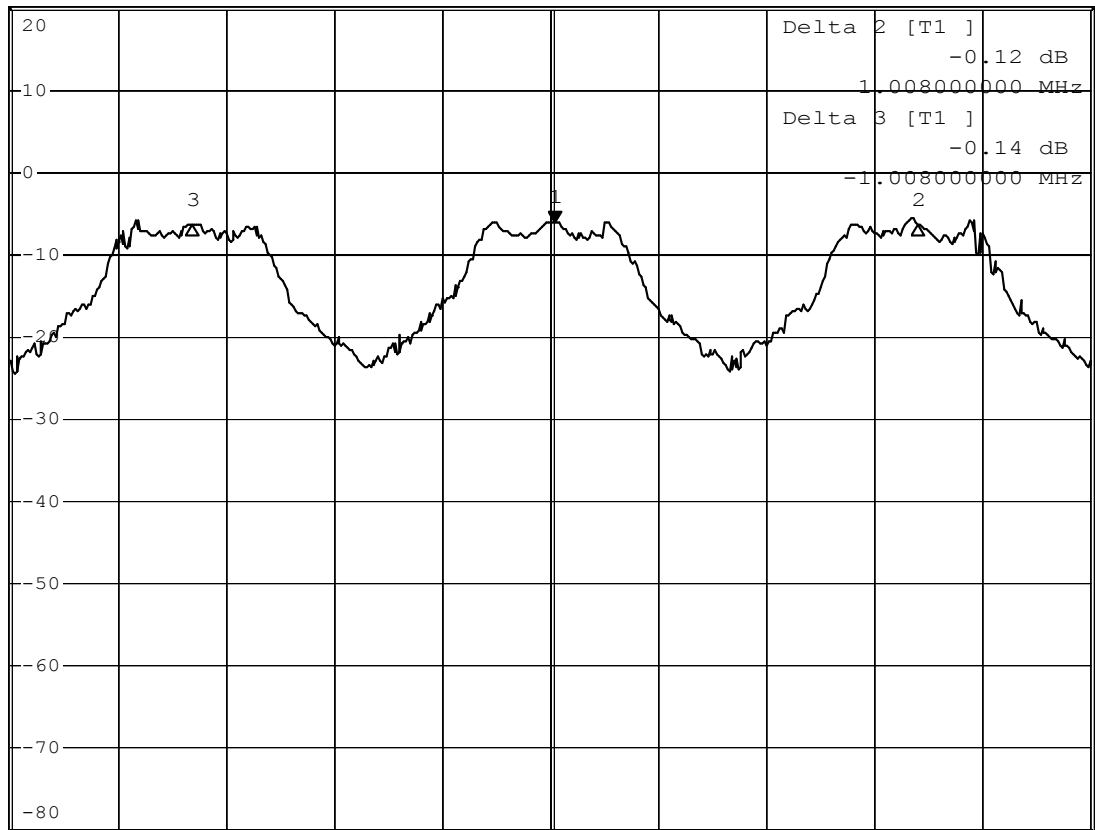
VBW 300 kHz

-6.14 dBm

SWT 2.5 ms

2.441012000 GHz

1 PK  
MAXH



Center 2.441 GHz

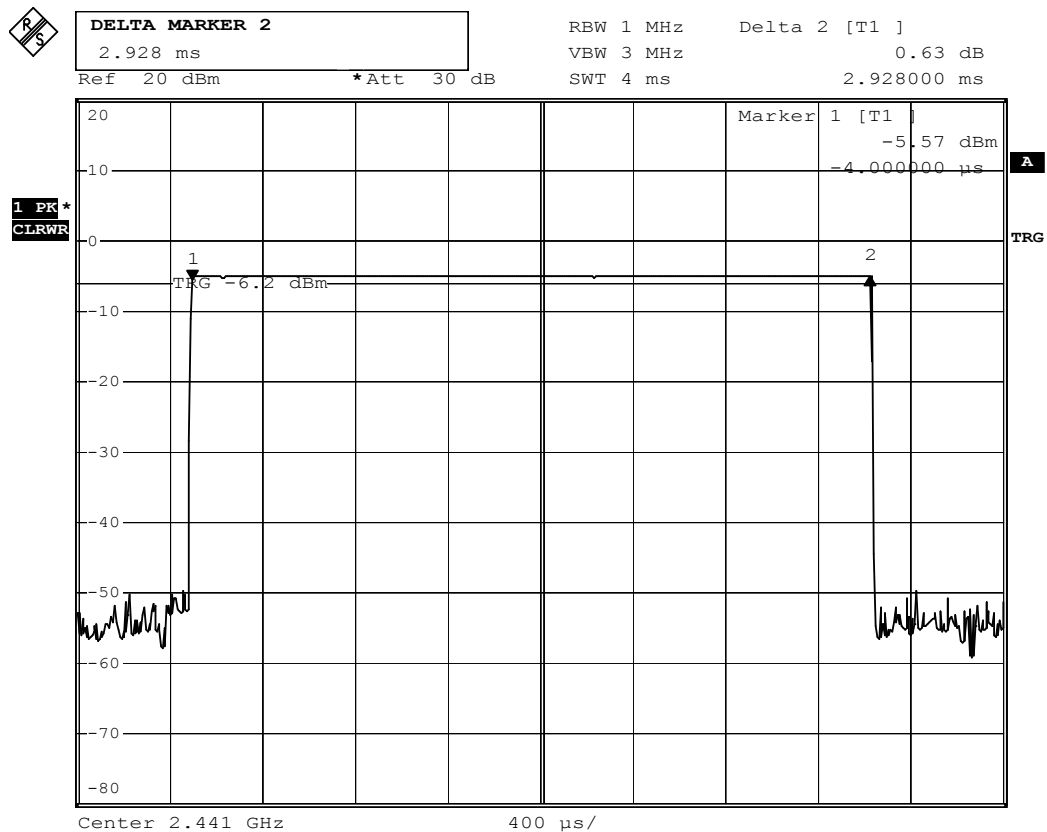
300 kHz/

Span 3 MHz

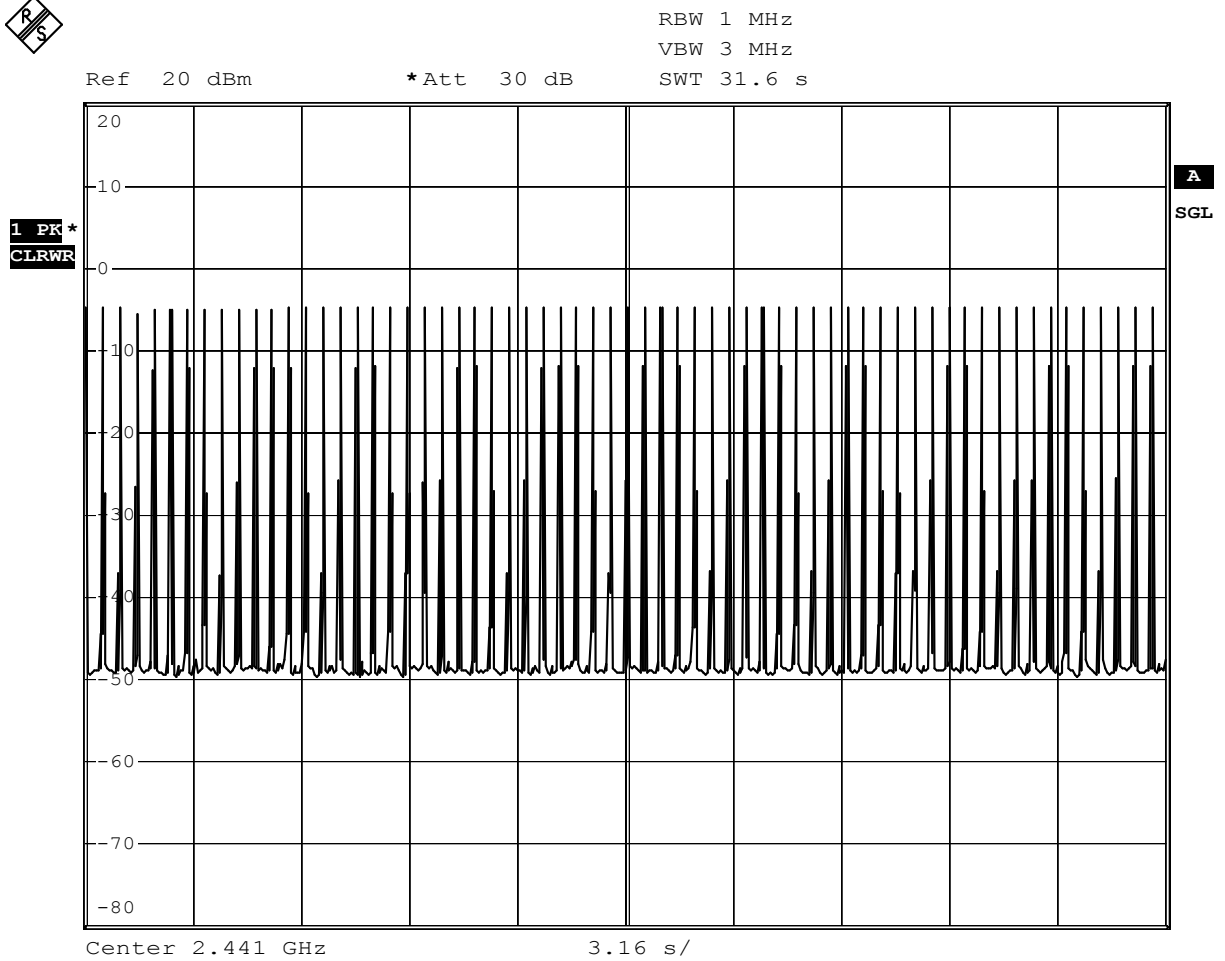
Date: 22.JUN.2006 16:14:08

## Dwell Time

Burst Duration (ms)	Number of hopping	Time of occupancy (s)	Result
2.928	64	$0.002928 \times 64 = 0.1874$	Pass



Date: 22.JUN.2006 16:17:10



Date: 22.JUN.2006 16:18:16

## 20dB Bandwidth

Tx frequency (MHz)	$\Delta f_L$ (MHz)	$\Delta f_H$ (MHz)	$ \Delta f_H  +  \Delta f_L $ (MHz)	Results
2402	0.460	0.472	0.932	Pass
2441	0.456	0.472	0.922	Pass
2480	0.460	0.468	0.928	Pass

Tx frequency: 2402MHz

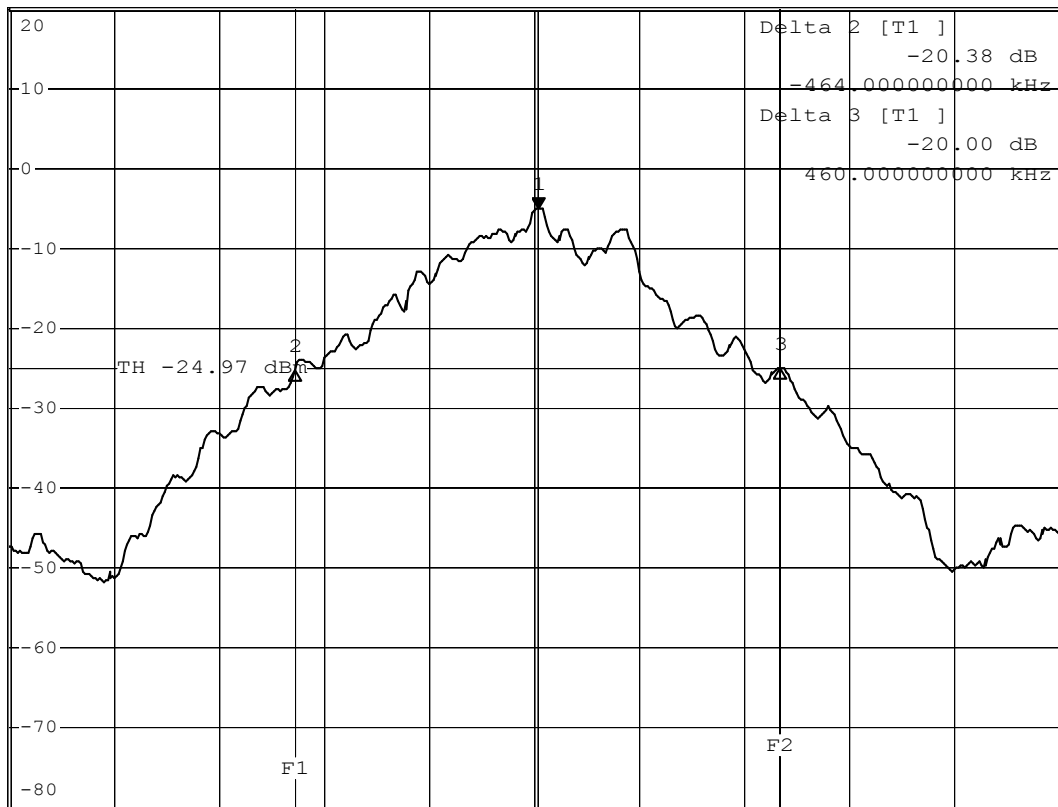
**FREQUENCY LINE 2**

2.402468 GHz

\*RBW 30 kHz Marker 1 [T1 ]  
 VBW 100 kHz -4.97 dBm  
 SWT 2.5 ms 2.402008000 GHz

Ref 20 dBm

\*Att 30 dB

1 PK  
MAXH

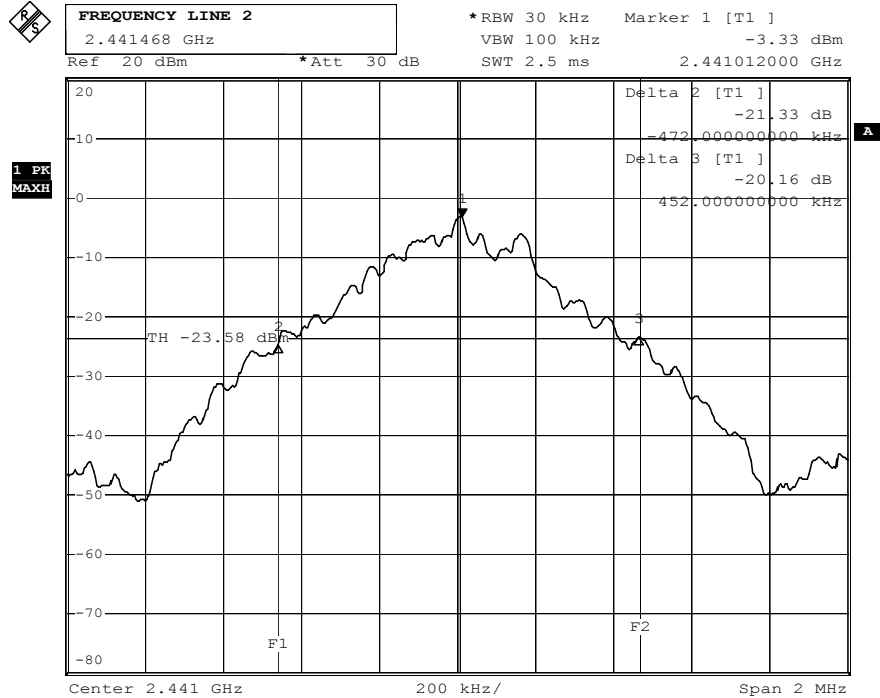
Center 2.402 GHz

200 kHz/

Span 2 MHz

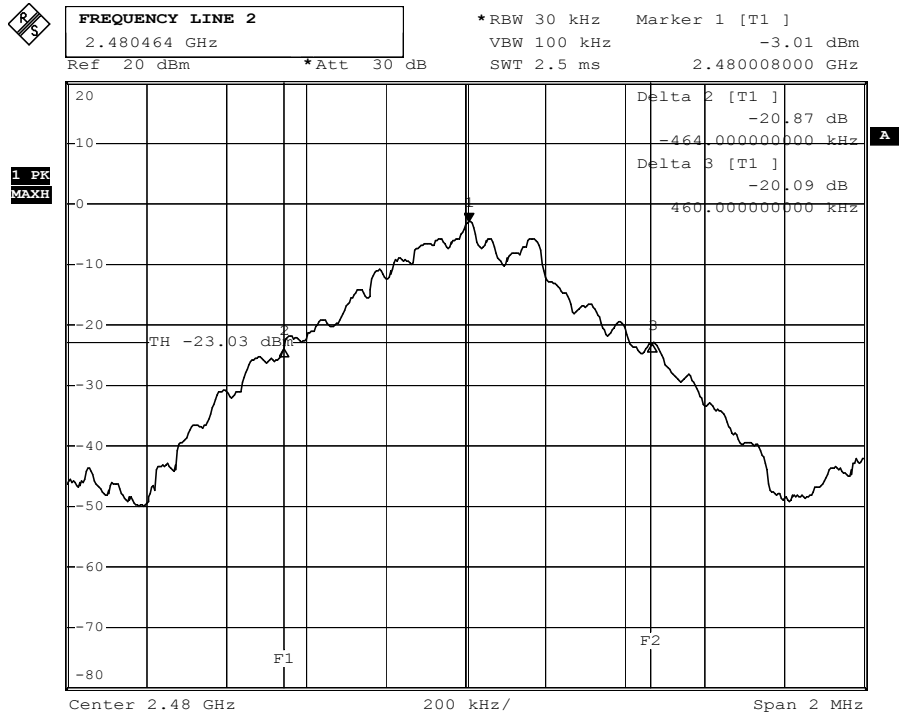
Date: 22.JUN.2006 16:27:01

Tx frequency: 2441MHz



Date: 22.JUN.2006 16:28:44

Tx frequency: 2480MHz



Date: 22.JUN.2006 16:30:17

## Peak Output Power

Tx Frequency (MHz)	Power P <sub>PK</sub> (dBm)	Cable Attenuation (dB)	Actual Peak Power (dBm)	Results
2402	-5.09	3.52	-1.57	Pass
2441	-3.61	3.65	0.04	Pass
2480	-3.02	3.60	0.58	Pass

Tx frequency: 2402MHz

**MARKER 1**

2.40188 GHz

Ref 20 dBm

\*Att 30 dB

\*RBW 1 MHz

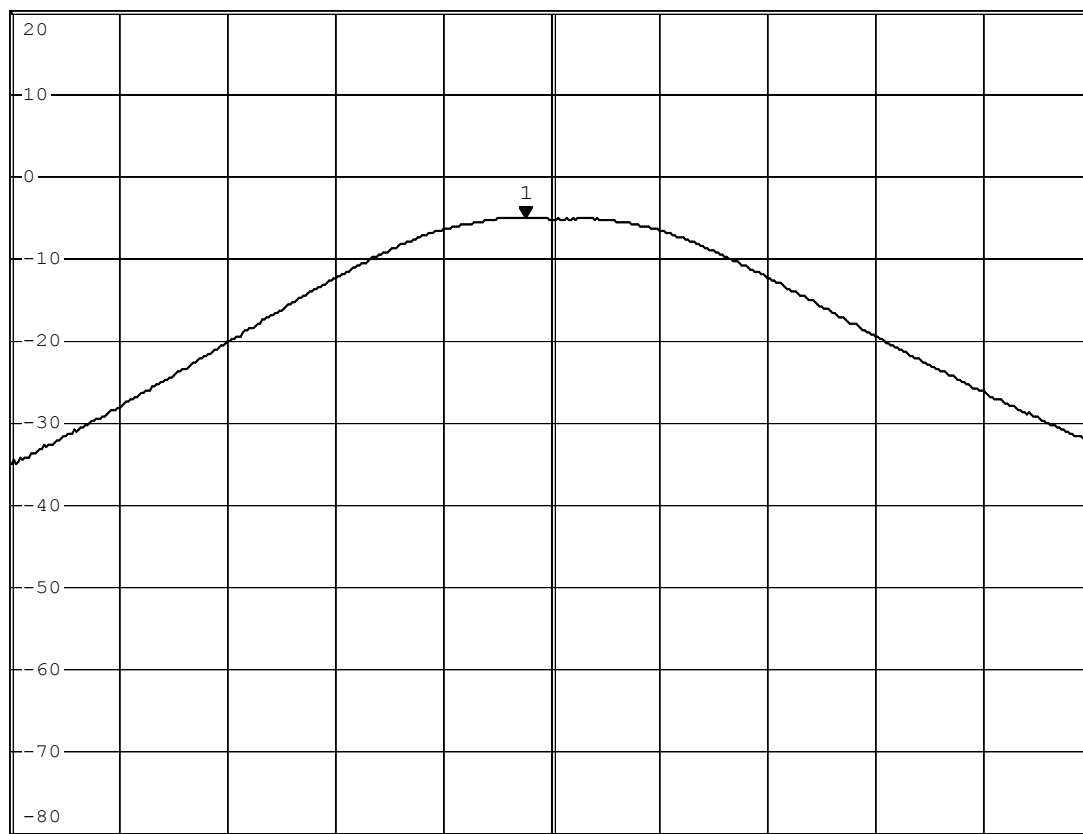
Marker 1 [T1 ]

VBW 3 MHz

-5.09 dBm

SWT 2.5 ms

2.401880000 GHz

1 PK  
MAXH

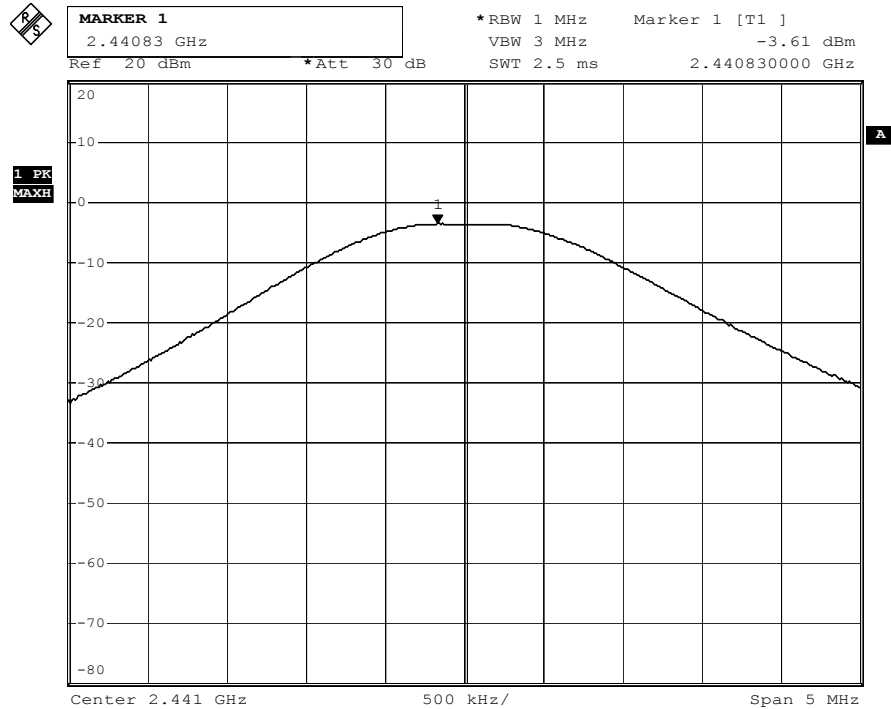
Center 2.402 GHz

500 kHz/

Span 5 MHz

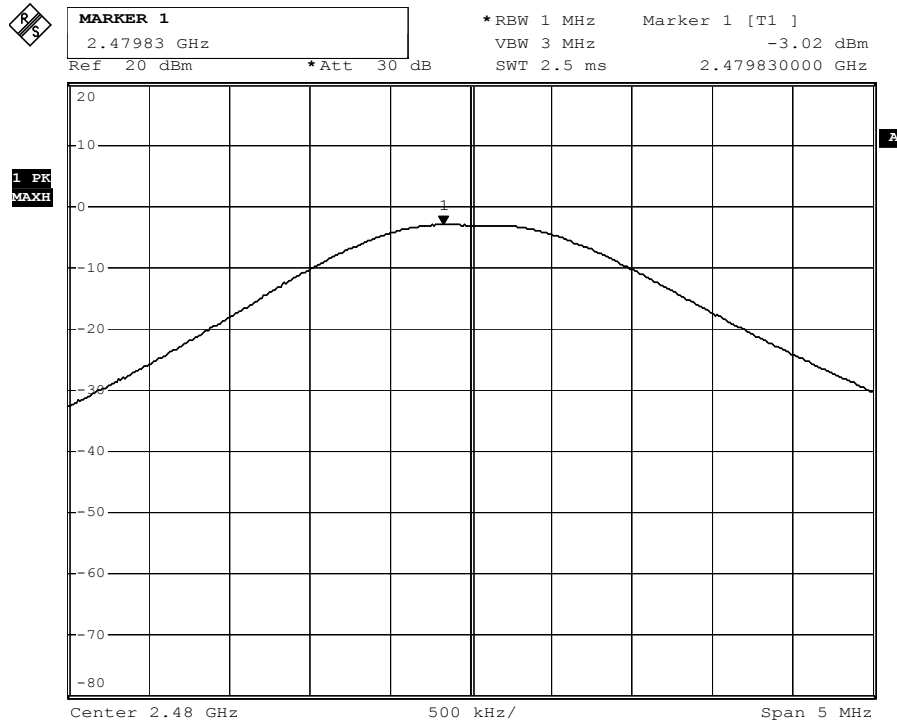
Date: 22.JUN.2006 16:31:30

Tx frequency: 2441MHz



Date: 22.JUN.2006 16:32:02

Tx frequency: 2480MHz



Date: 22.JUN.2006 16:32:39



## 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**

2.40204 GHz

Ref 20 dBm

\*Att 30 dB

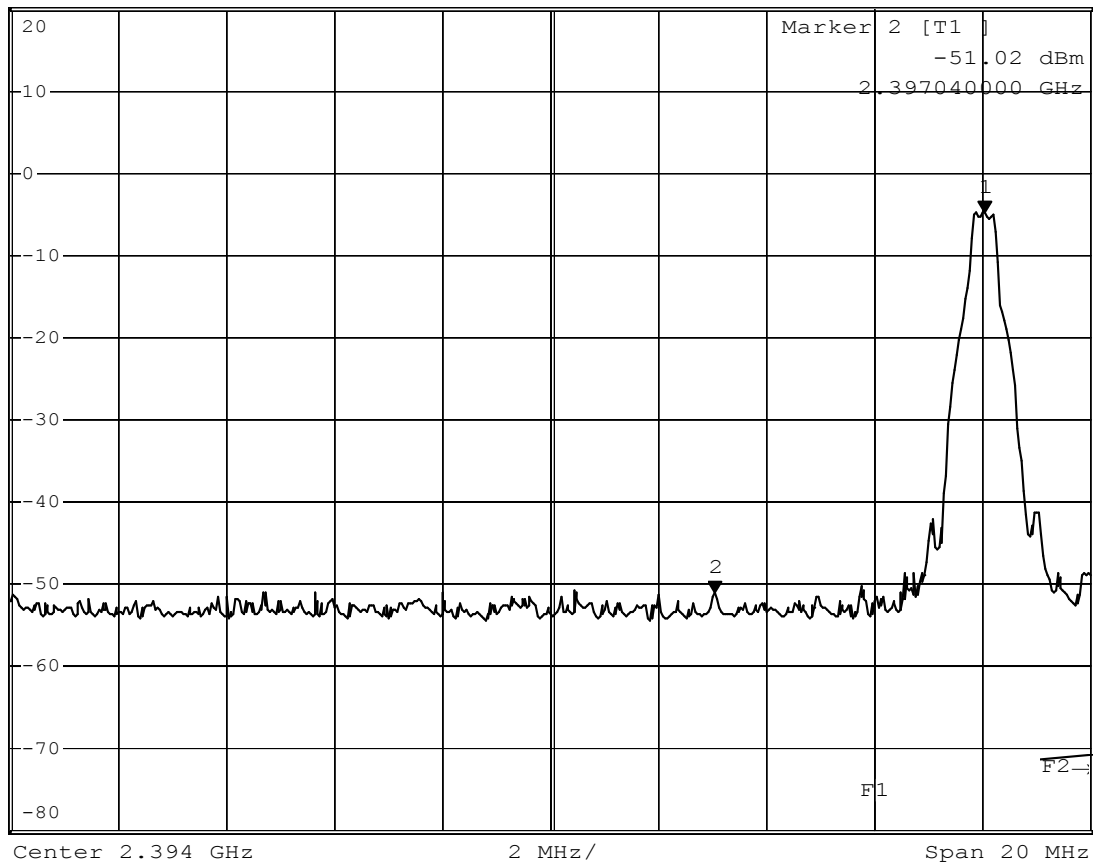
\*RBW 100 kHz Marker 1 [T1 ]

VBW 300 kHz

-4.75 dBm

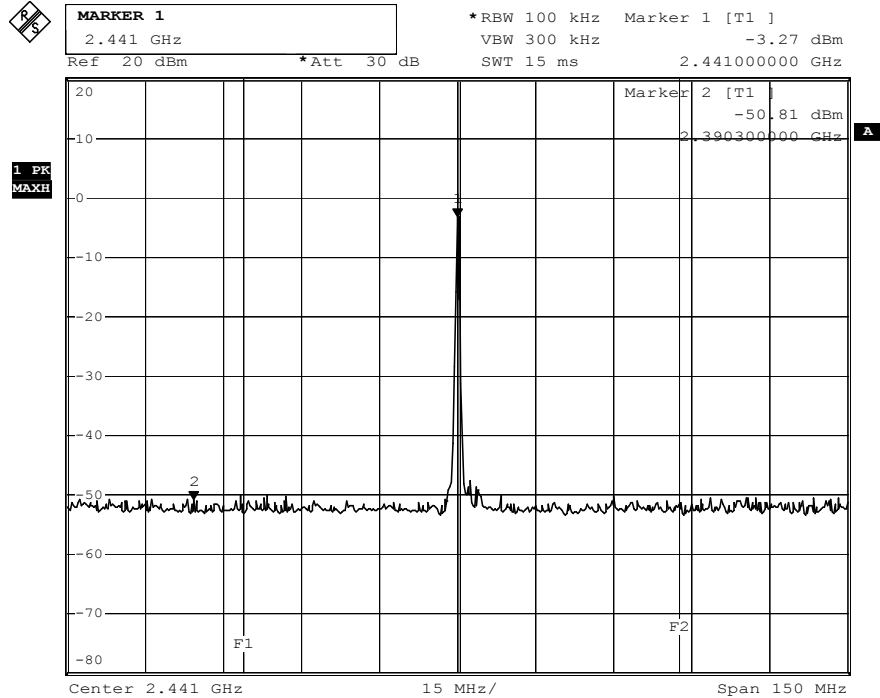
SWT 2.5 ms

2.402040000 GHz

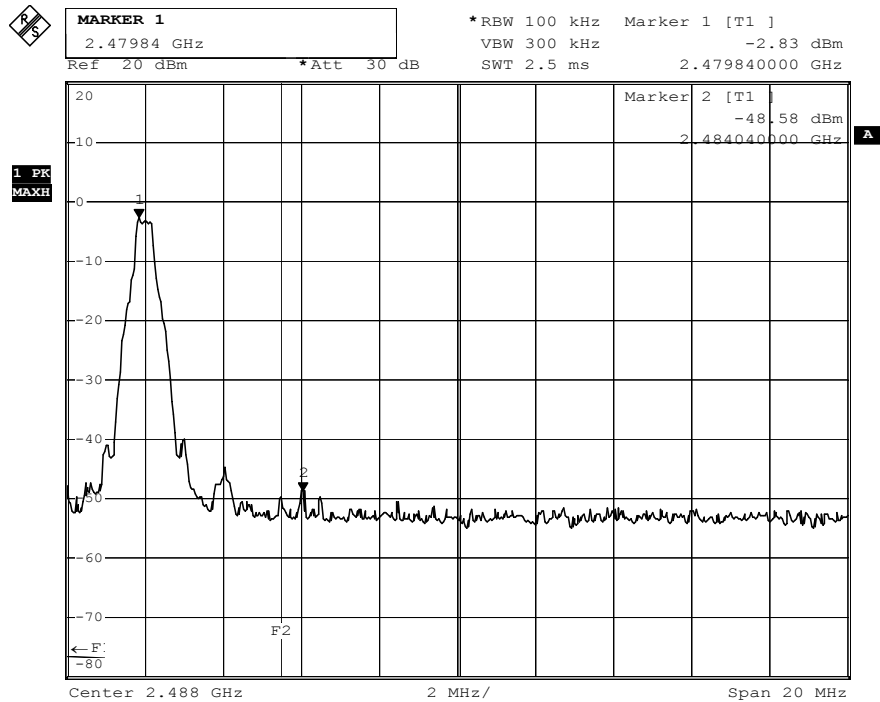
1 PK  
MAXH

Date: 22.JUN.2006 16:34:57

Tx frequency: 2441MHz

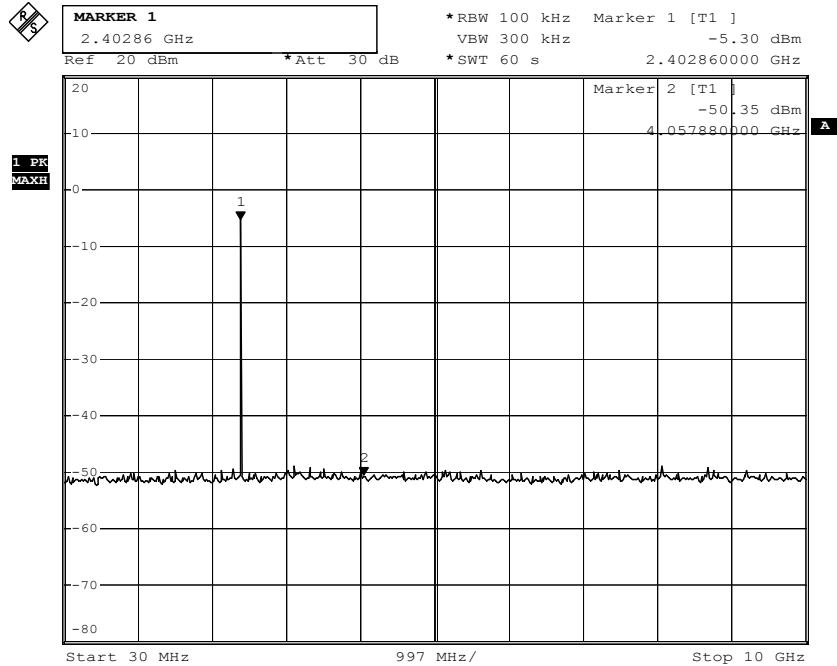


Tx frequency: 2480MHz



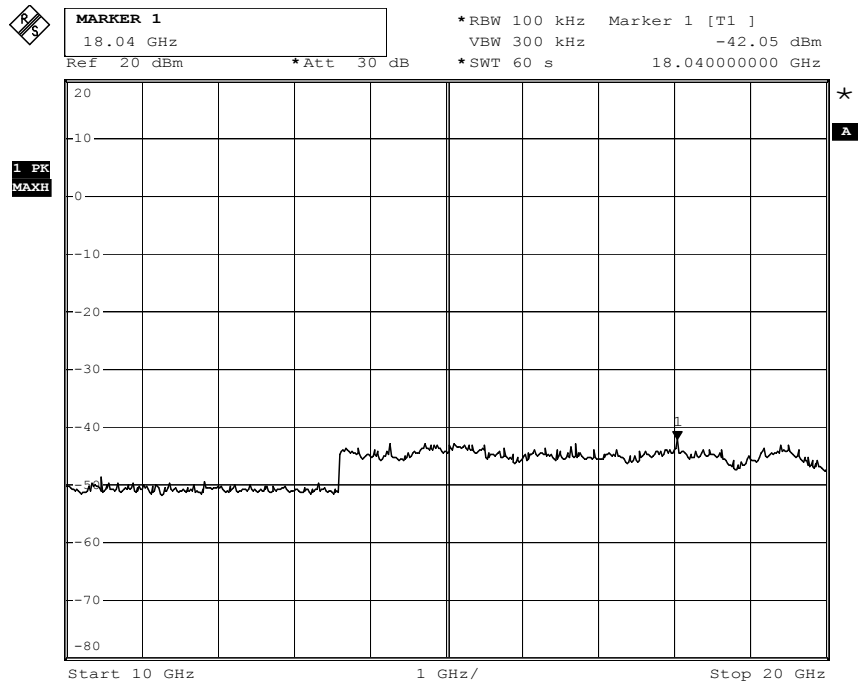
## Spurious Emissions - Conducted

Tx frequency: 2402MHz



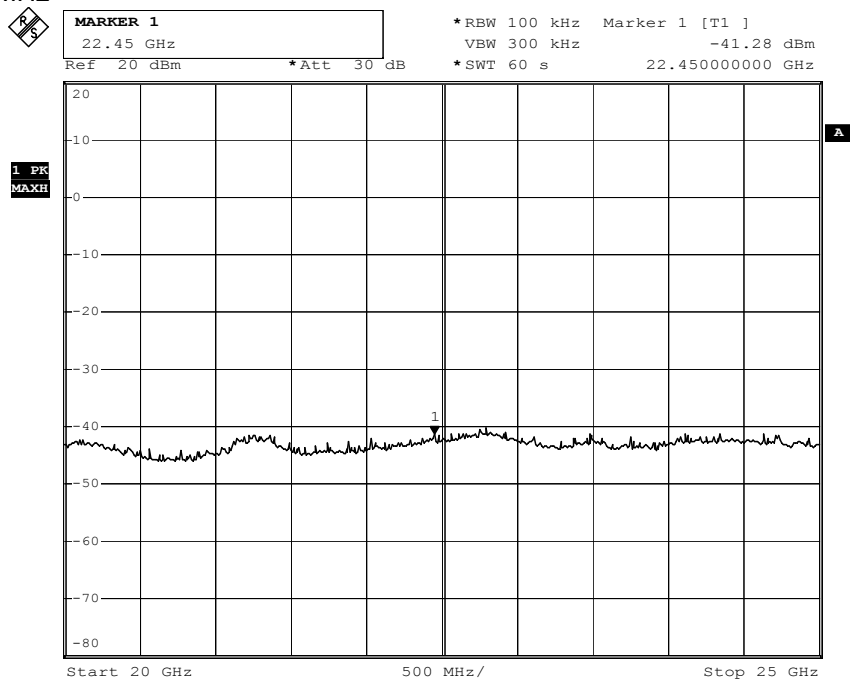
Date: 22.JUN.2006 16:39:27

Tx frequency: 2402MHz



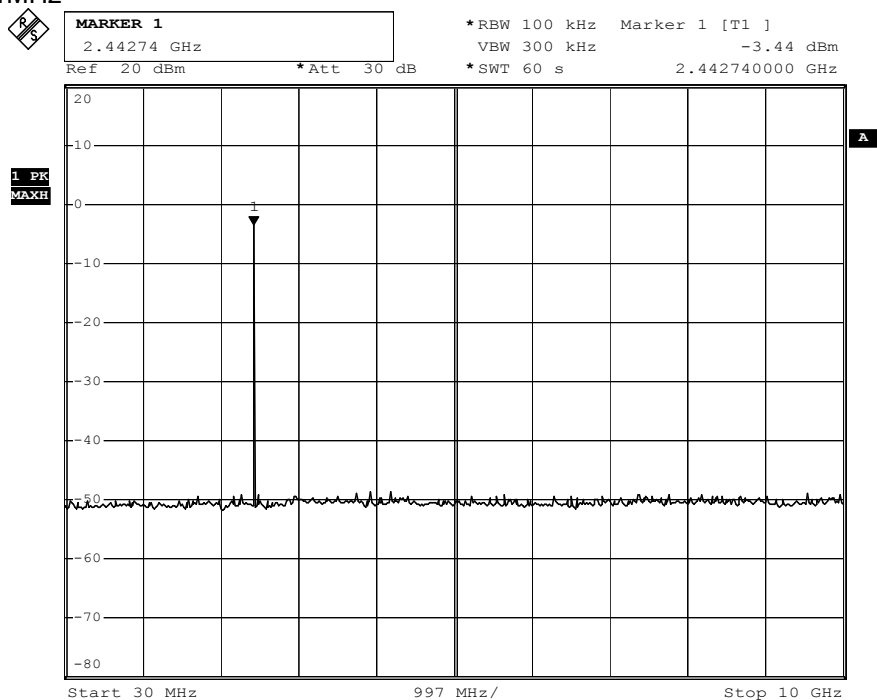
Date: 22.JUN.2006 16:41:56

Tx frequency: 2402MHz



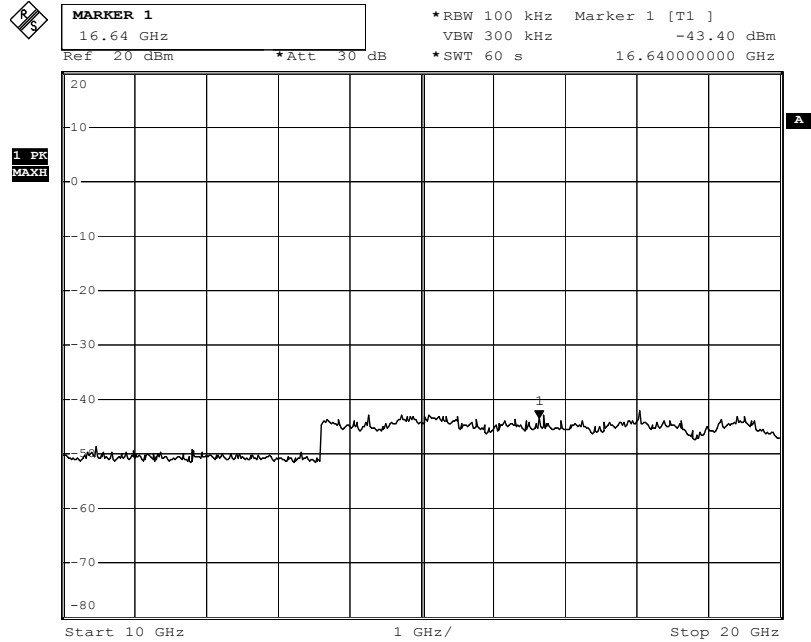
Date: 22.JUN.2006 16:48:46

Tx frequency: 2441MHz



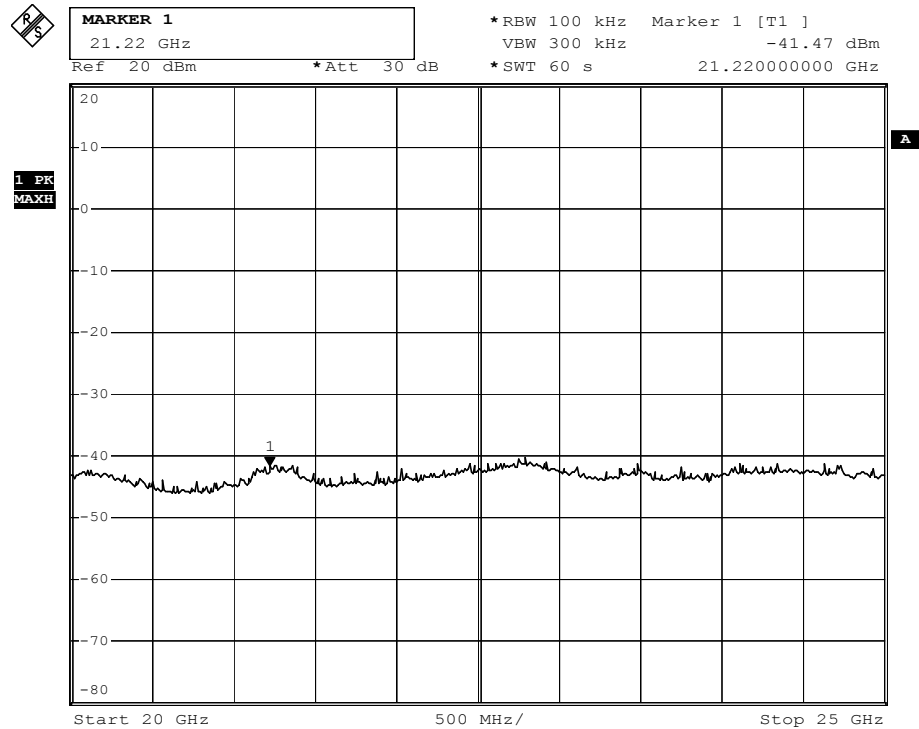
Date: 22.JUN.2006 16:55:09

Tx frequency: 2441MHz



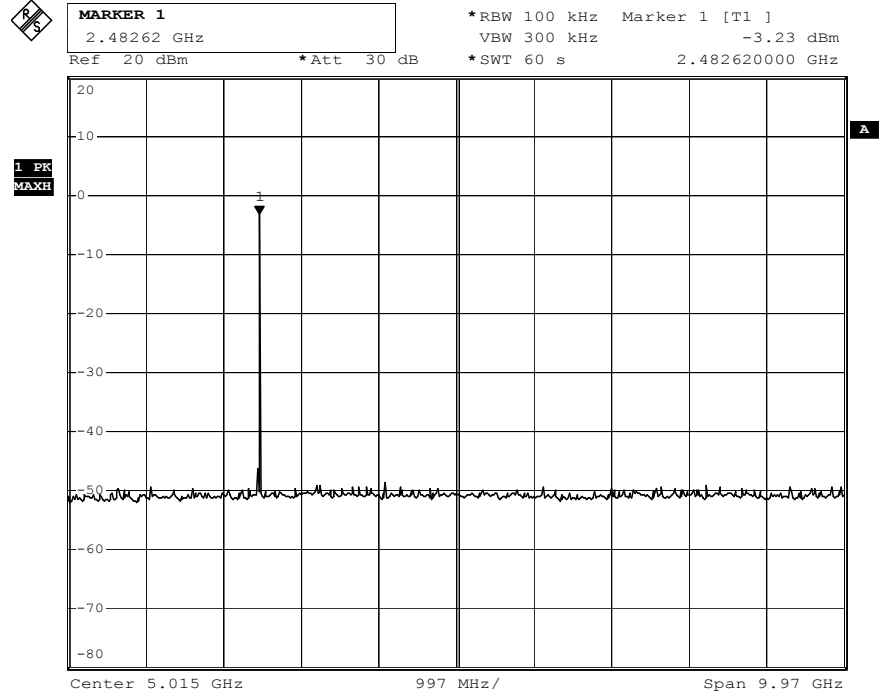
Date: 22.JUN.2006 16:42:18

Tx frequency: 2441MHz



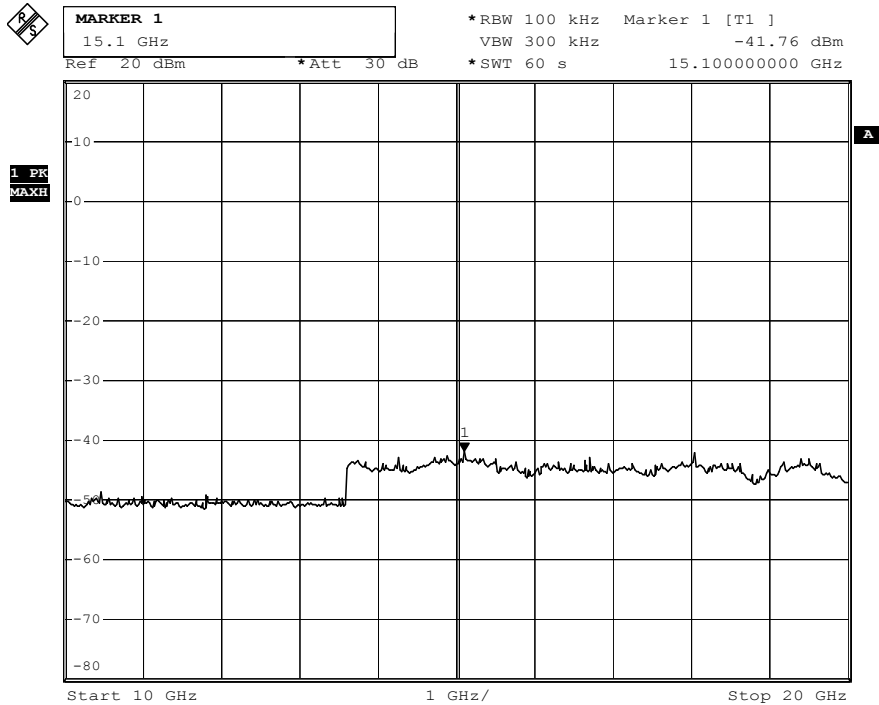
Date: 22.JUN.2006 16:48:30

Tx frequency: 2480MHz



Date: 22.JUN.2006 16:58:27

Tx frequency: 2480MHz



Date: 22.JUN.2006 16:42:52

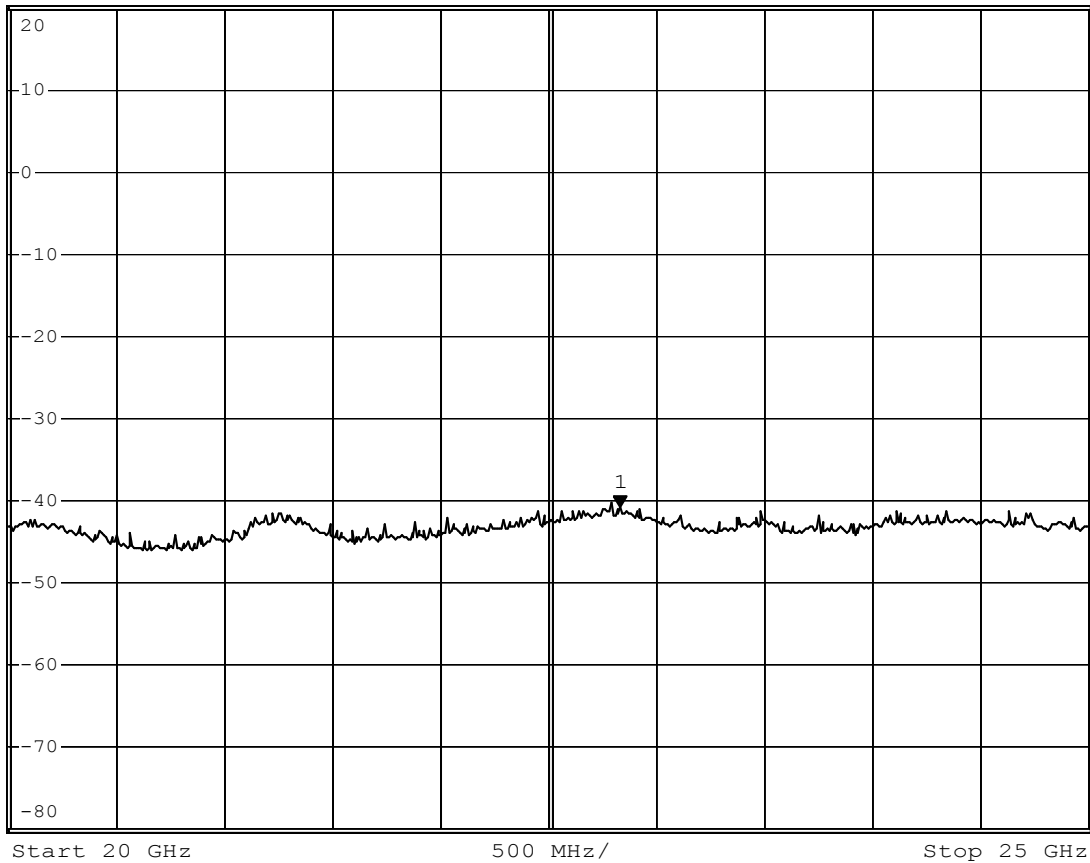
Tx frequency: 2480MHz



**MARKER 1**  
22.83 GHz  
Ref 20 dBm \*Att 30 dB

\*RBW 100 kHz Marker 1 [T1 ]  
VBW 300 kHz -40.88 dBm  
\*SWT 60 s 22.830000000 GHz

1 PK  
MAXH



Date: 22.JUN.2006 16:48:05