

AC Connected Emission

Op. mode: Charging mode

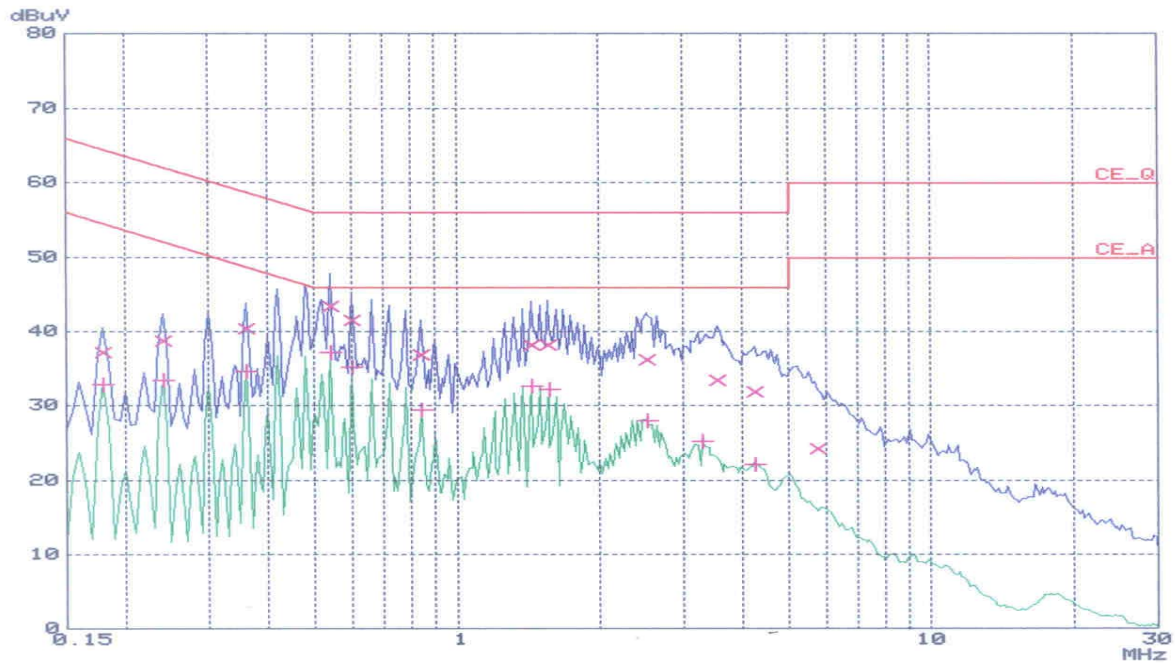
Live measurement

Frequency (MHz)	QP reading (dB μ V)	Av reading (dB μ V)	Results
	No Peak Limit	No Peak Limit	Pass

Neutral measurement

Frequency (MHz)	QP reading (dB μ V)	Av reading (dB μ V)	Results
	No Peak Limit	No Peak Limit	Pass

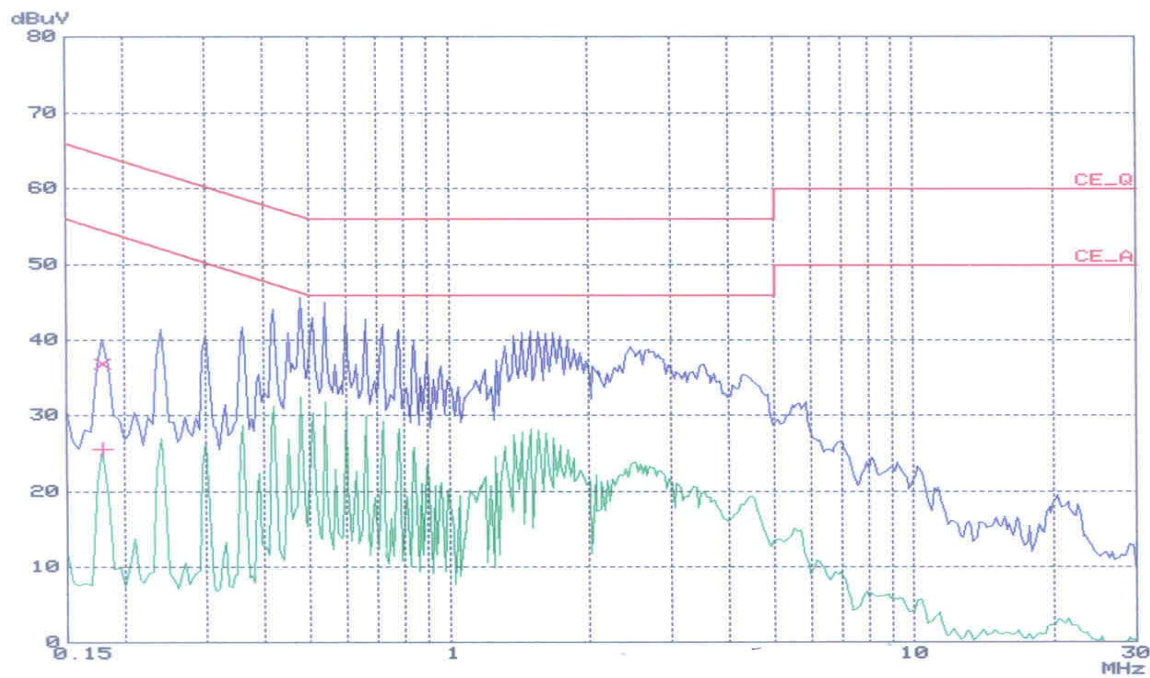
* Live terminal



Frequency MHz	QP Level dBuV	Delta Limit dB	Phase -	PE -
0.18000	37.2	-27.3	L1	gnd
0.24000	38.7	-23.3	L1	gnd
0.36000	40.4	-18.3	L1	gnd
0.54000	43.4	-12.5	L1	gnd
0.60000	41.5	-14.4	L1	gnd
0.84000	36.9	-19.0	L1	gnd
1.43500	38.2	-17.7	L1	gnd
1.55500	38.2	-17.7	L1	gnd
2.51500	36.2	-19.7	L1	gnd
3.53500	33.5	-22.5	L1	gnd
4.25500	31.9	-24.0	L1	gnd
5.76000	24.3	-35.6	L1	gnd
Frequency MHz	AV Level dBuV	Delta Limit dB	Phase -	PE -
0.18000	32.9	-21.6	L1	gnd
0.24000	33.4	-18.7	L1	gnd
0.36000	34.7	-14.0	L1	gnd
0.54000	37.1	-8.8	L1	gnd
0.60000	35.2	-10.7	L1	gnd
0.84000	29.5	-16.4	L1	gnd
1.44000	32.6	-13.3	L1	gnd
1.56000	32.2	-13.7	L1	gnd
2.51500	28.0	-17.9	L1	gnd
3.29500	25.2	-20.7	L1	gnd
4.25500	22.2	-23.8	L1	gnd

* limit exceeded

* Neutral terminal



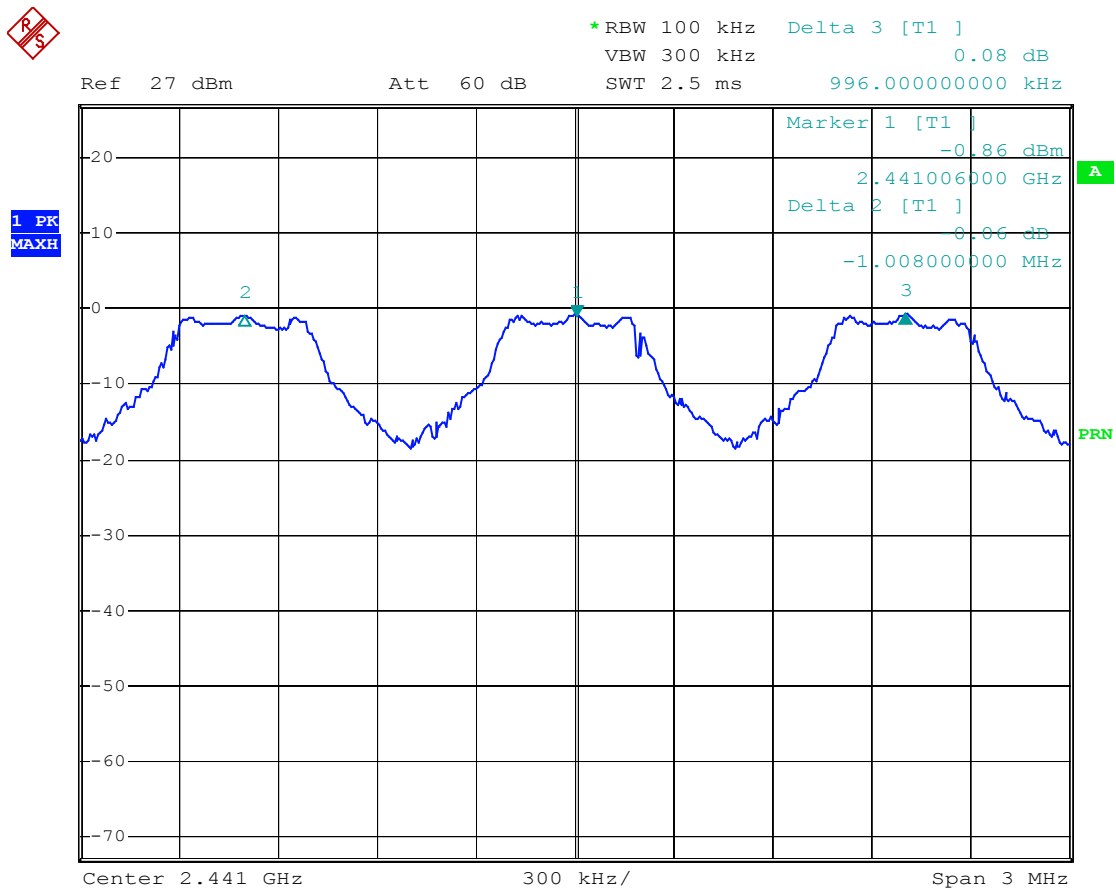
Frequency MHz	QP Level dBuV	Delta dB	Limit	Phase	PE
0.18000	36.9	-27.6			gnd
0.24000	37.8	-24.2			gnd
0.36000	38.5	-20.2			gnd
0.48000	42.4	-13.9			gnd
0.60000	40.8	-15.1			gnd
0.84000	35.8	-20.2			gnd
1.50000	36.5	-19.4			gnd
1.55500	37.7	-18.2			gnd
2.45500	33.7	-22.2			gnd
3.53500	30.5	-25.4			gnd
4.31000	29.1	-26.8			gnd
5.87000	22.3	-37.6			gnd
Frequency MHz	AV Level dBuV	Delta dB	Limit	Phase	PE
0.18000	25.6	-28.9			gnd
0.24000	27.1	-25.0			gnd
0.36000	28.5	-20.2			gnd
0.48000	32.5	-13.9			gnd
0.60000	31.0	-14.9			gnd
0.84000	26.0	-19.9			gnd
1.49500	27.9	-18.0			gnd
1.55500	28.2	-17.7			gnd
2.51500	23.8	-22.1			gnd
2.96500	21.9	-24.0			gnd
4.49000	18.4	-27.5			gnd

* limit exceeded

Carrier Frequency Separation

Op. mode: Hopping on

Reference frequency (MHz)	Channel Separation (MHz)	Results
2441.000	996	Pass

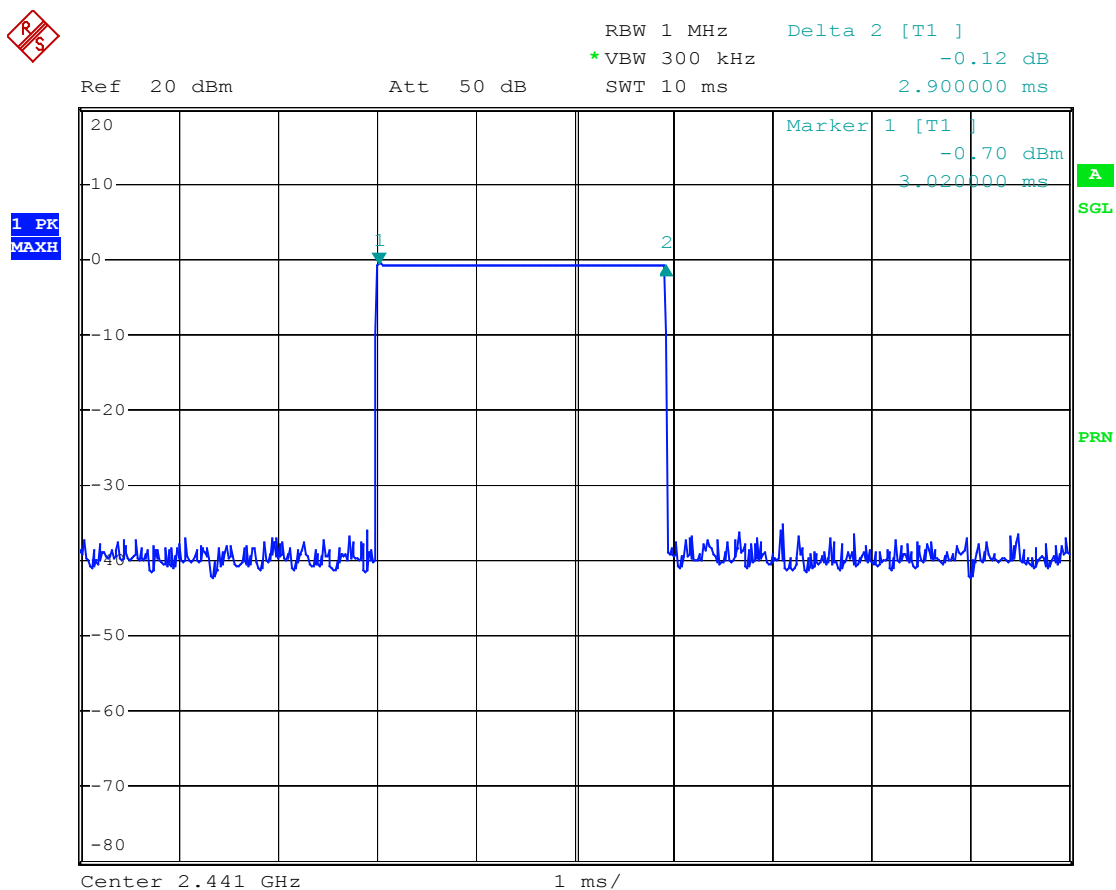


Date: 5.FEB.2004 07:32:13

Time of Occupancy (Dwell time)

Op. mode: Hopping on

Burst Duration (ms)	Results
2.900	Pass



Date: 5.FEB.2004 08:45:25

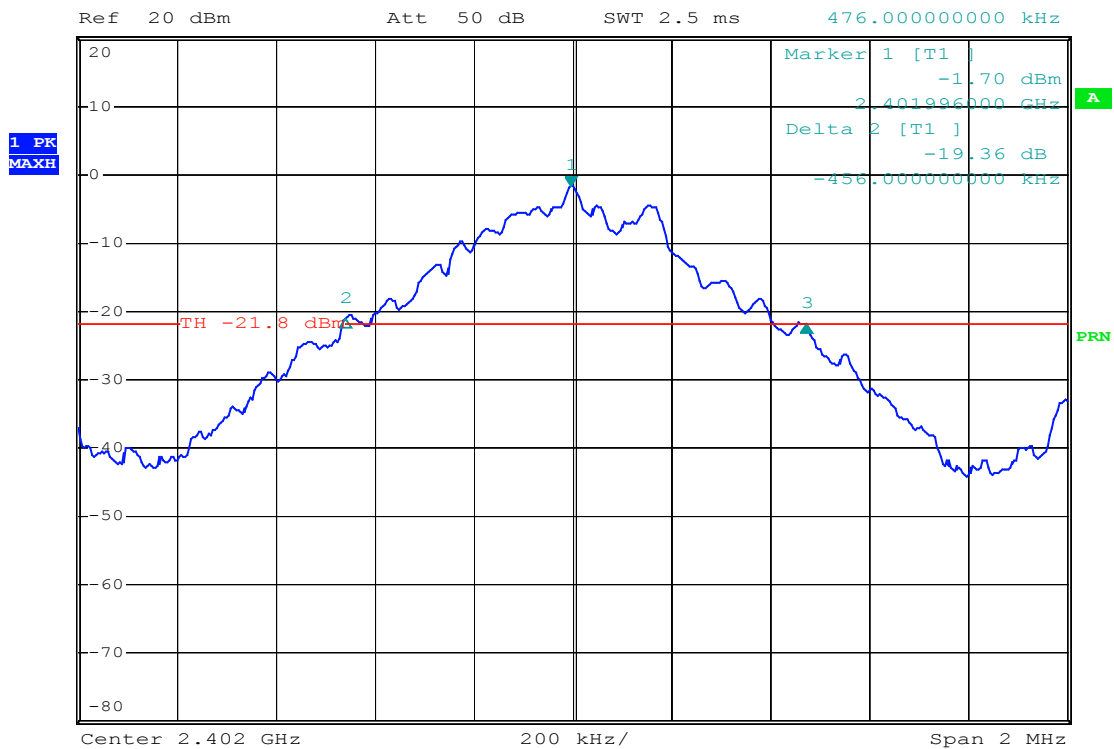
20dB Bandwidth

Op. mode: TX mode, DH5 with PRBS9 payload

Tx frequency (MHz)	Δf_L (MHz)	Δf_H (MHz)	$ \Delta f_H + \Delta f_L $ (MHz)	Results
2402	-0.456	0.476	0.932	Pass
2441	-0.460	0.464	0.924	Pass
2480	-0.456	0.472	0.928	Pass

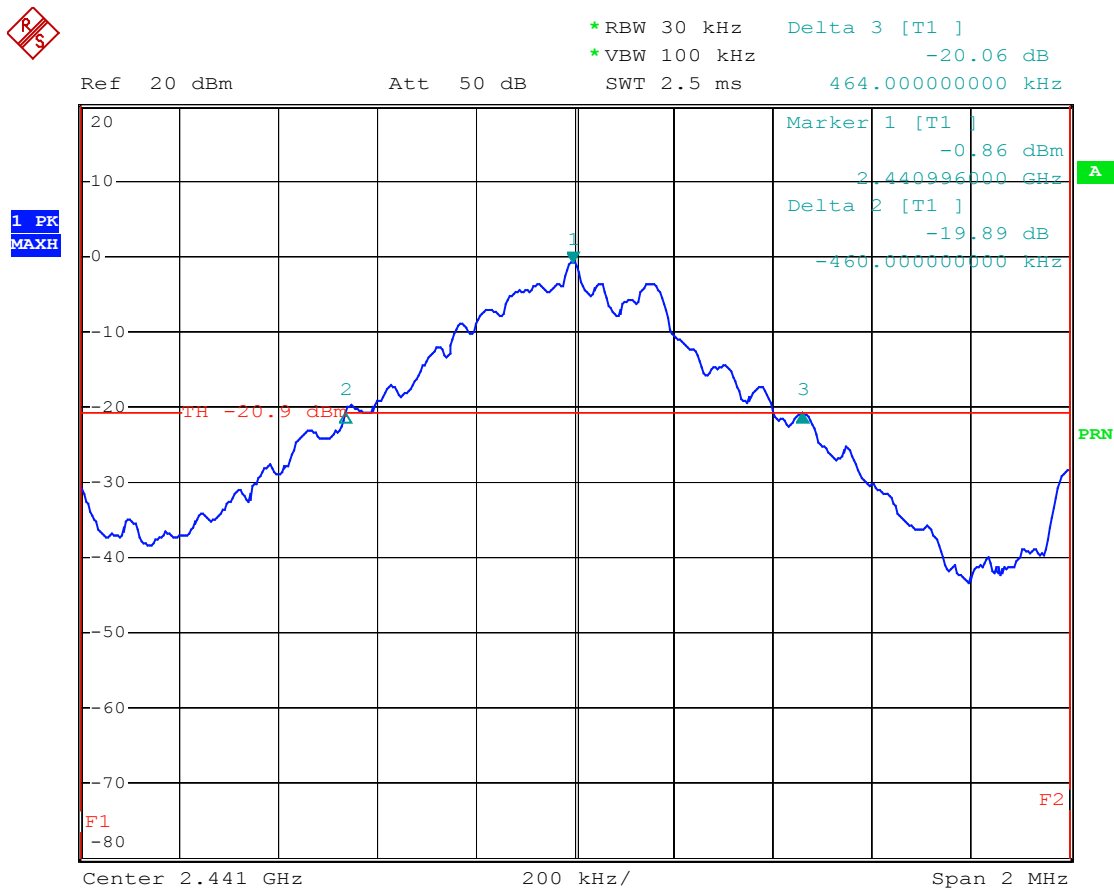


*RBW 30 kHz Delta 3 [T1]
VBW 100 kHz -20.21 dB
SWT 2.5 ms 476.000000000 kHz



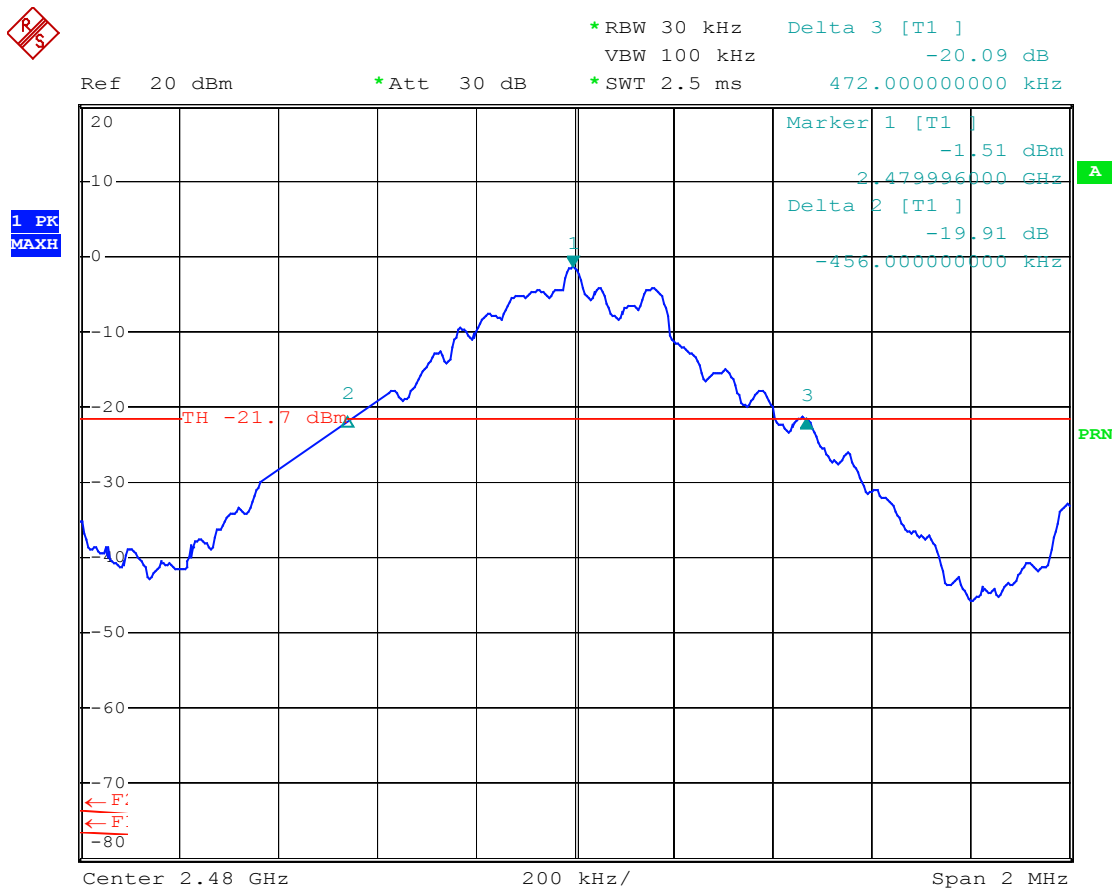
Date: 5.FEB.2004 09:49:21

Tx frequency: 2402MHz



Date: 5.FEB.2004 08:59:46

Tx frequency: 2441MHz

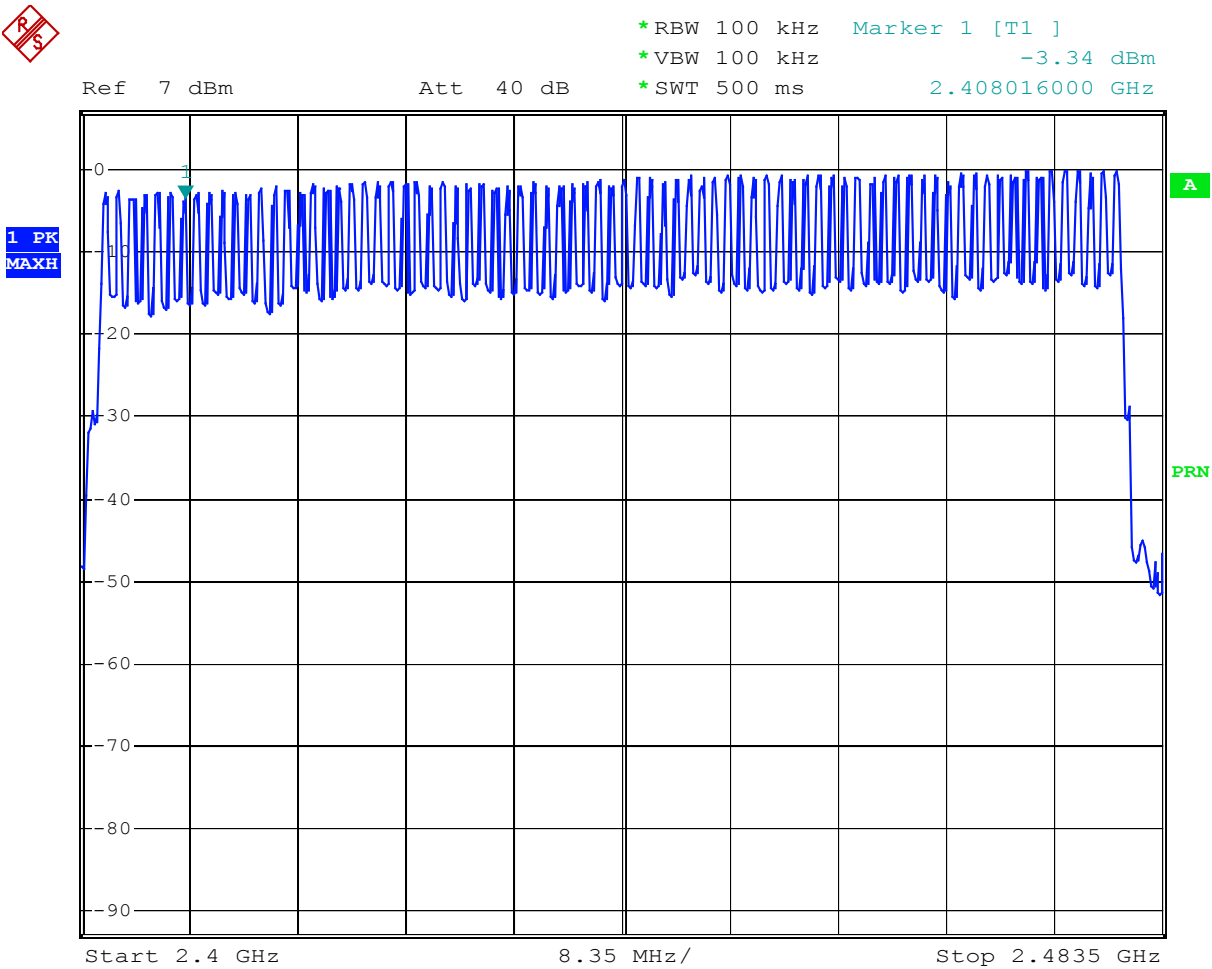


Date: 13.FEB.2004 08:35:48

Tx frequency: 2480MHz

Number of Hopping Frequencies Requirements

Op. mode: hopping mode, DH1 with PRBS9 payload

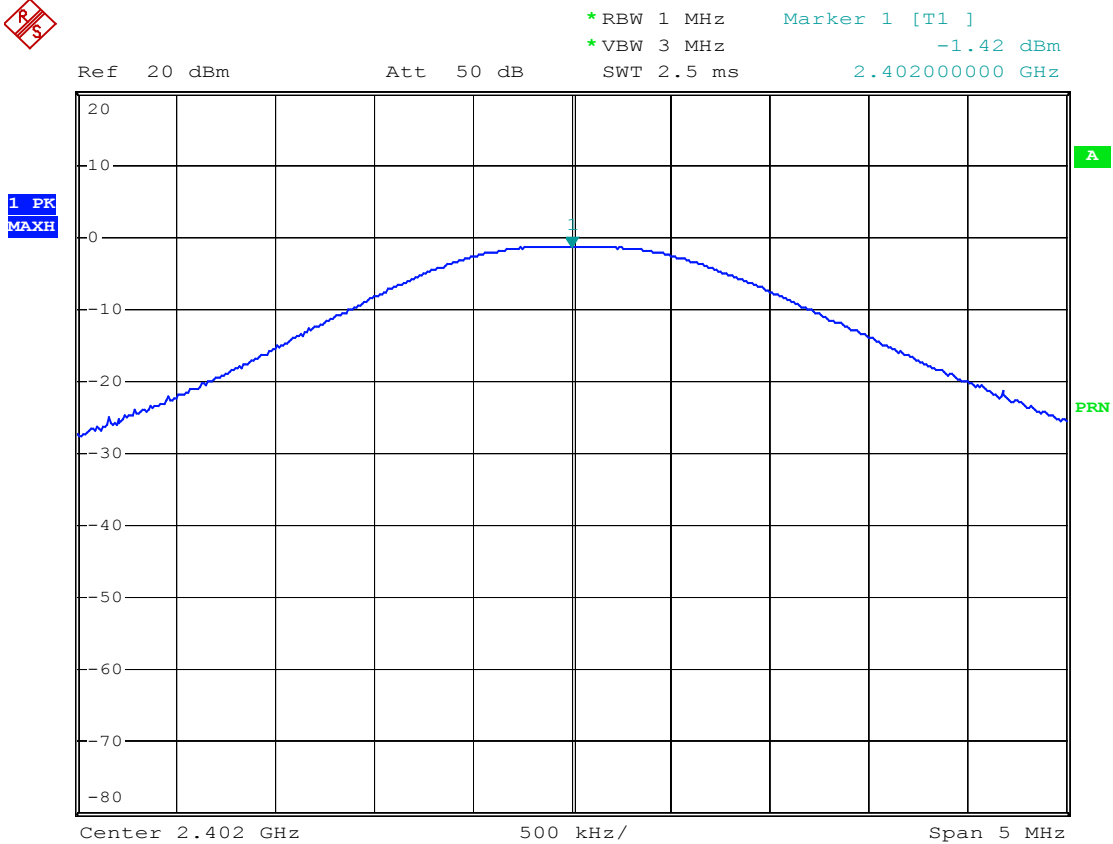


Date: 18.MAR.2004 06:50:28

Peak Output Power

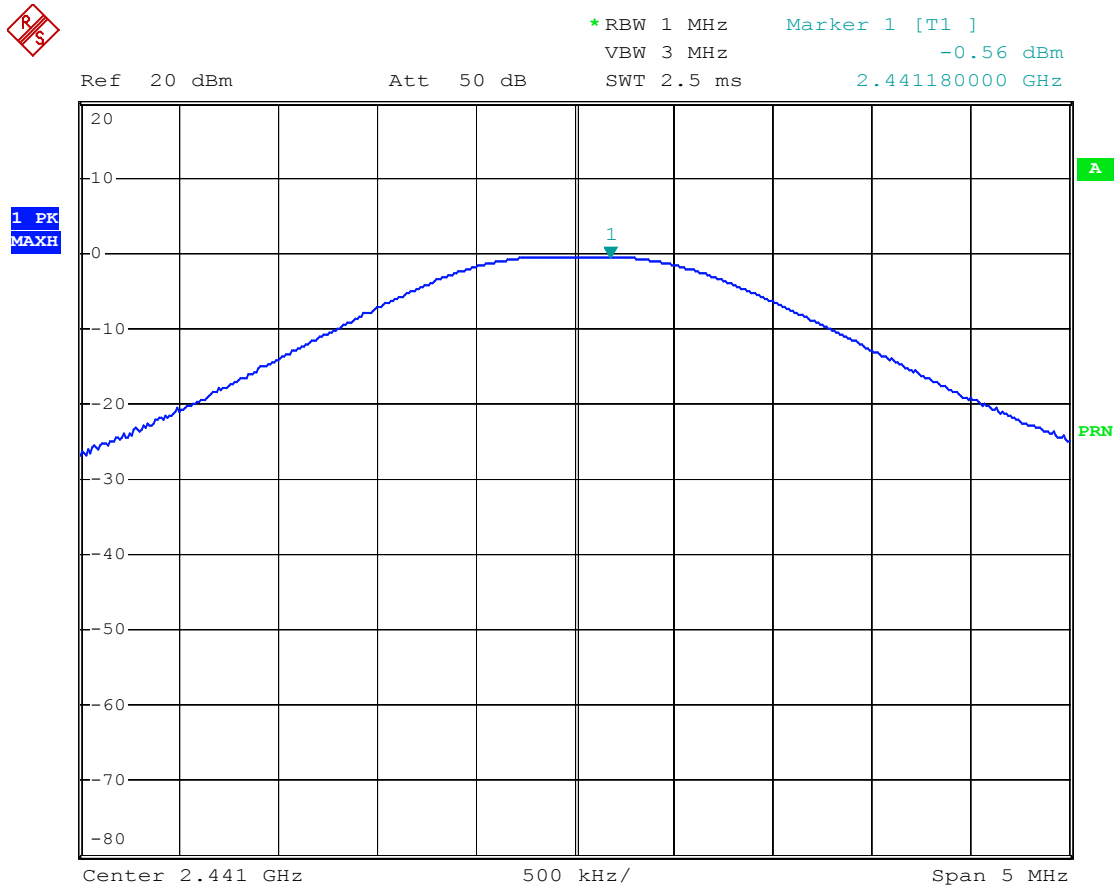
Op. mode: TX mode, DH1 with PRBS9 payload

Tx Frequency (MHz)	Cable Attenuation (dB)	Power P _{PK} (dBm)	Actual Peak Power (dBm)	Results
2402	1.80	-1.42	0.38	Pass
2441	1.83	-0.56	1.27	Pass
2480	1.85	-0.62	1.32	Pass



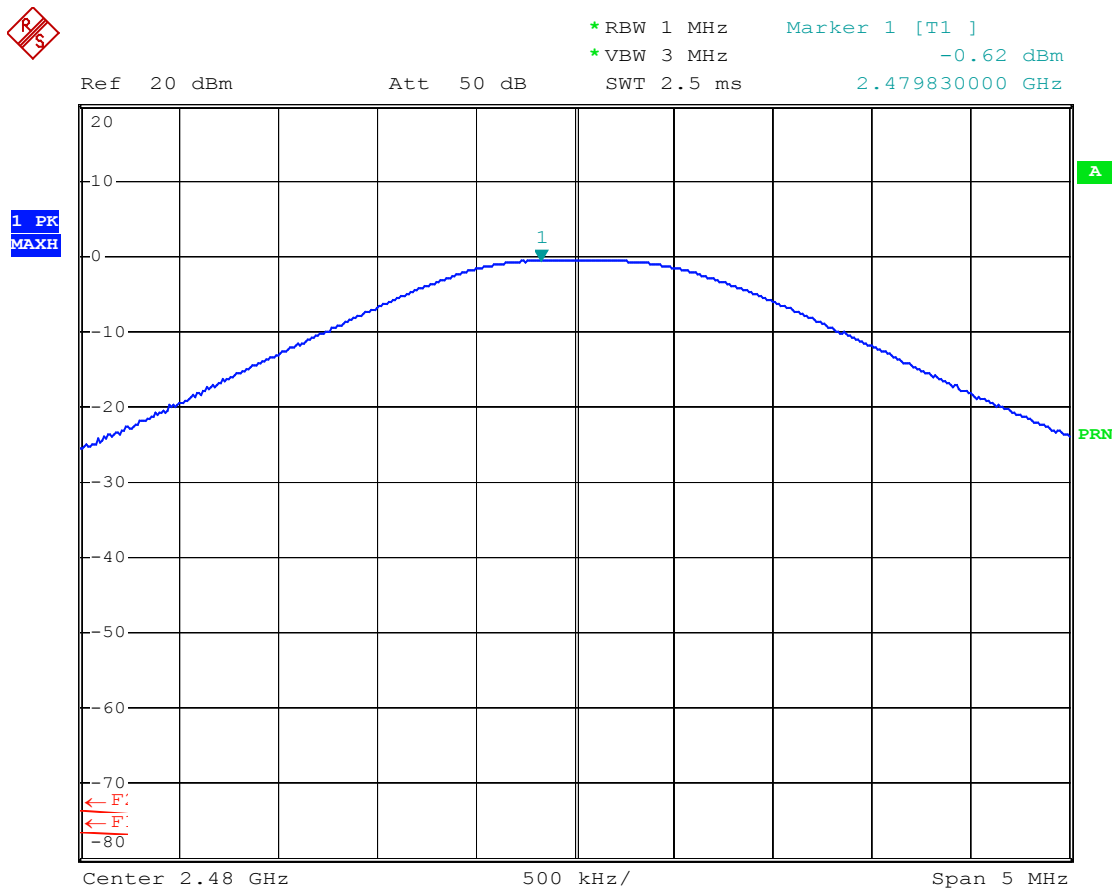
Date: 5.FEB.2004 09:09:28

Tx frequency: 2402MHz



Date: 5.FEB.2004 09:11:33

Tx frequency: 2441MHz



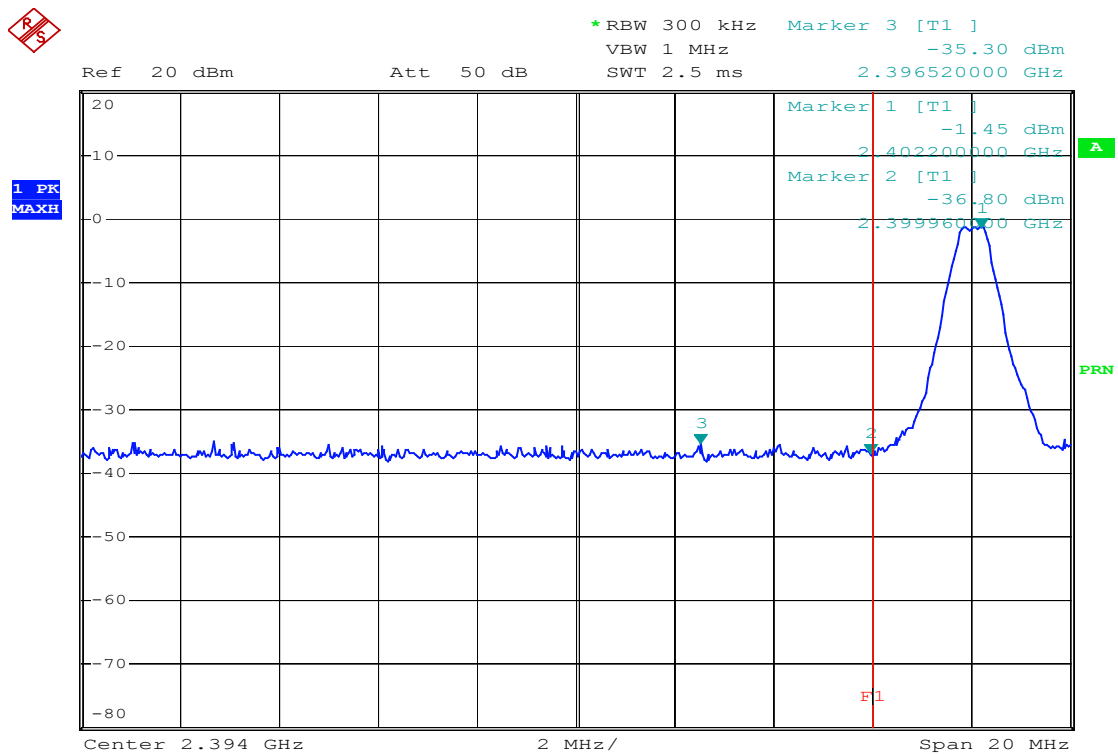
Date: 5.FEB.2004 09:08:13

Tx frequency: 2480MHz

Band-edge Compliance

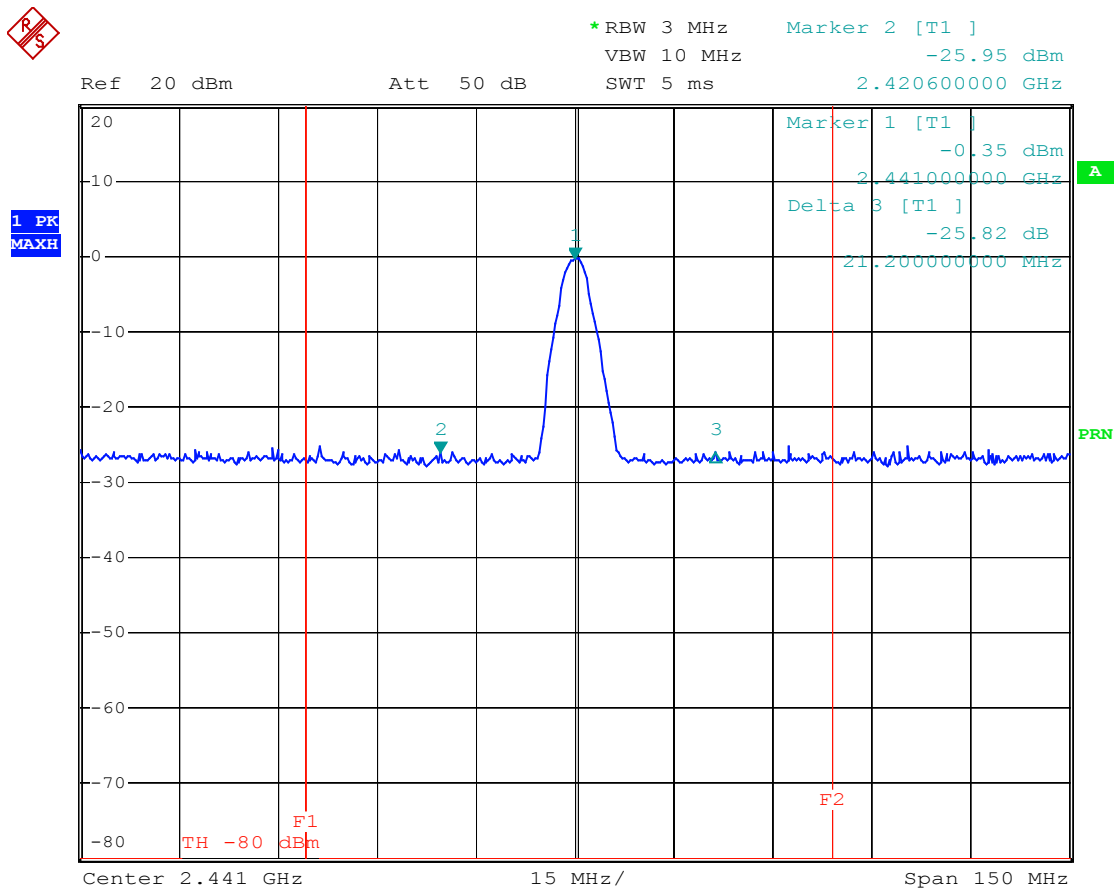
Op. mode: TX mode, DH1 with PRBS9 payload

Tx Frequency (MHz)	Peak in band Power level (dBm)	RF power outside 100kHz BW (MHz)	RF power difference outside 100kHz BW (dB)	Results
2402	-1.45	No Peak	-	Pass
2441	-0.35	No Peak	-	Pass
2480	-1.71	No Peak	-	Pass



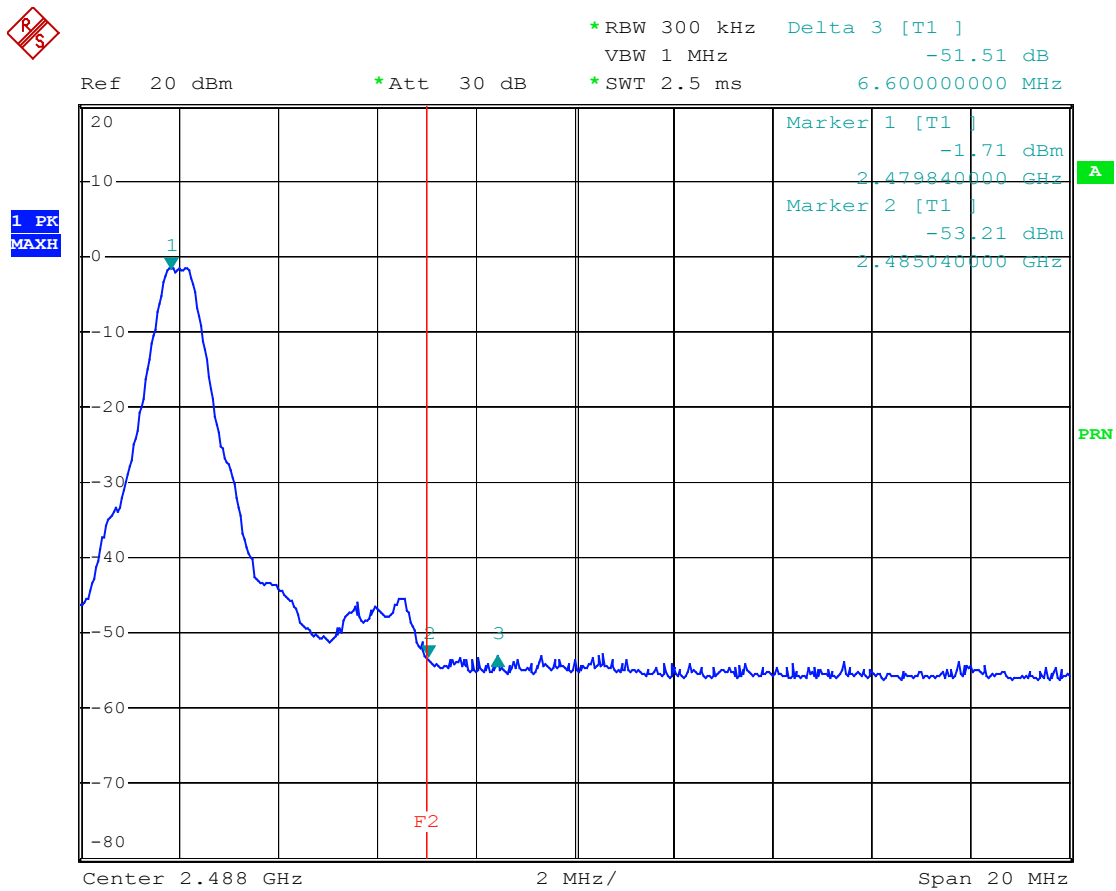
Date: 5.FEB.2004 09:44:35

Tx frequency: 2402MHz



Date: 5.FEB.2004 09:27:13

Tx frequency: 2441MHz



Date: 13.FEB.2004 09:12:39

Tx frequency: 2480MHz

Spurious Conducted emissions

Op. mode: TX mode, DH1 with PRBS9 payload

Tx frequency : 2402MHz

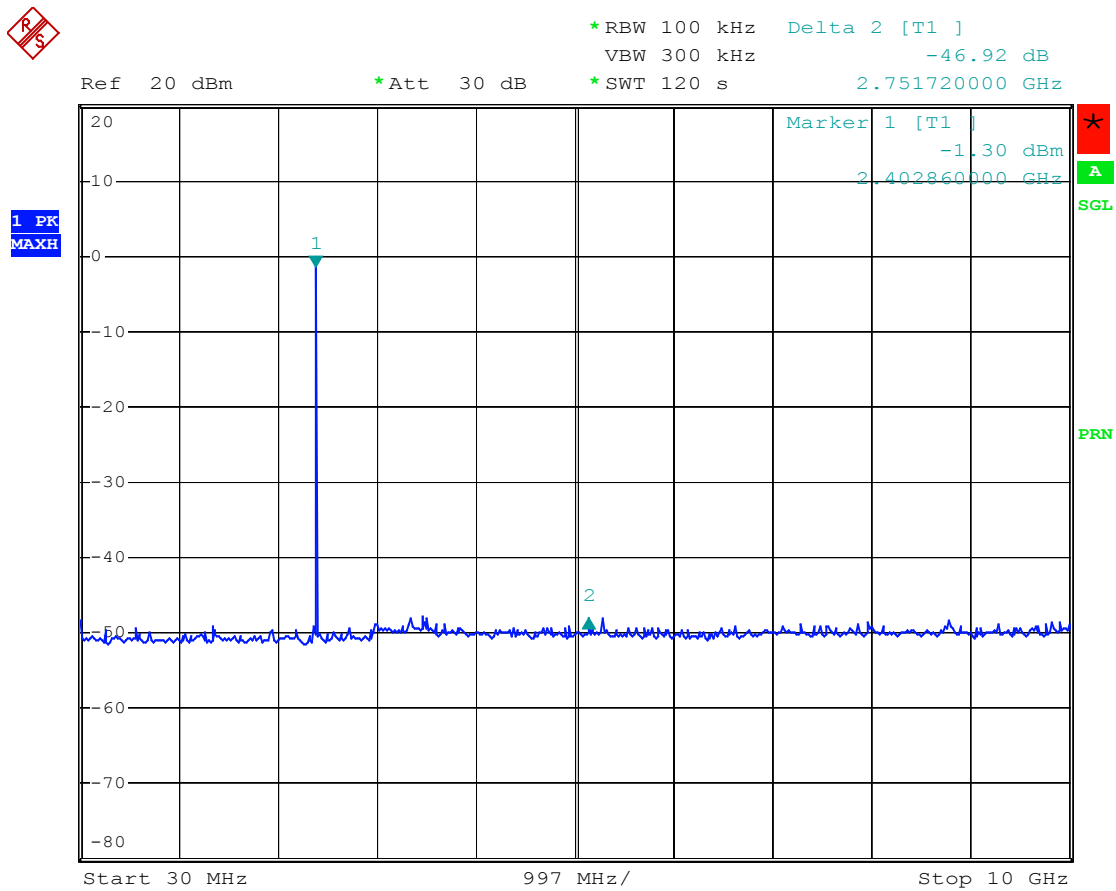
Spurious Frequency (MHz)	Power level (dBm)	Reference value (dBm)	Delta to reference level (dB)	Results
No peak found	-	-	-	Pass

Tx frequency : 2441MHz

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

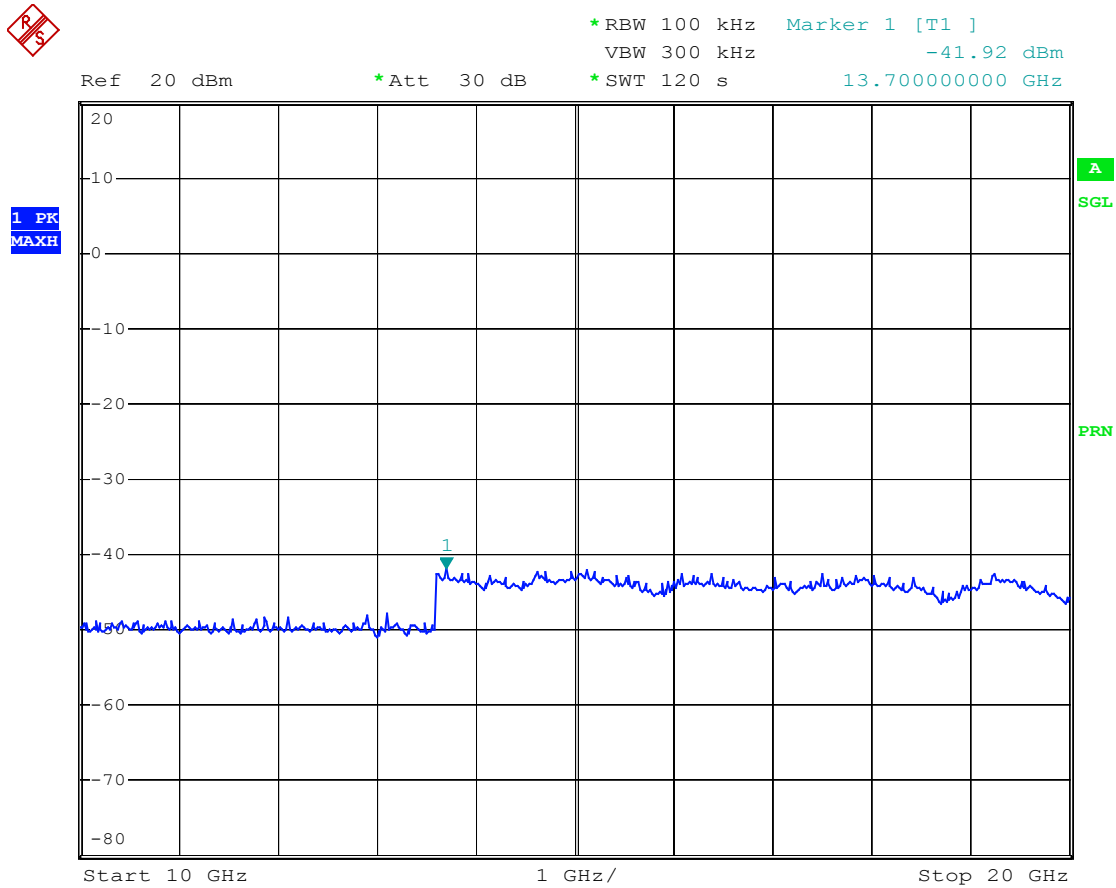
Tx frequency : 2480MHz

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



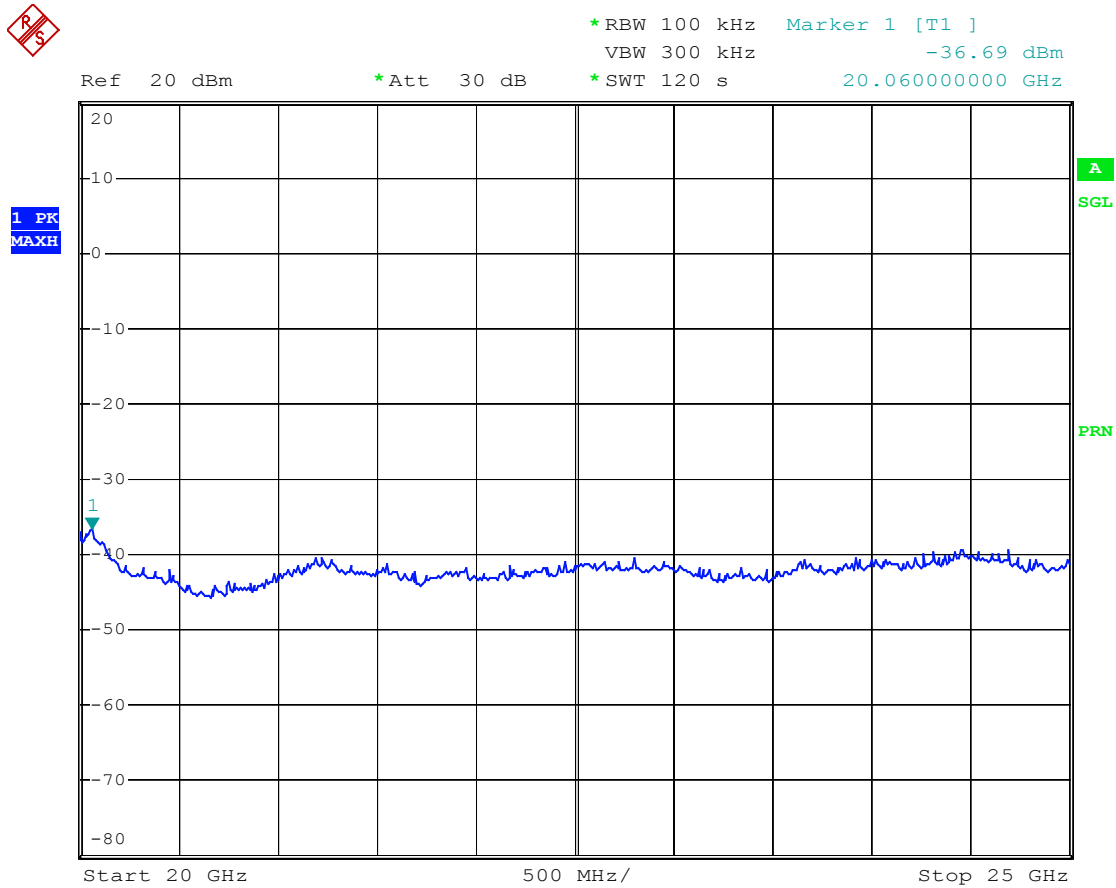
Date: 6.FEB.2004 04:22:15

Tx frequency: 2402MHz



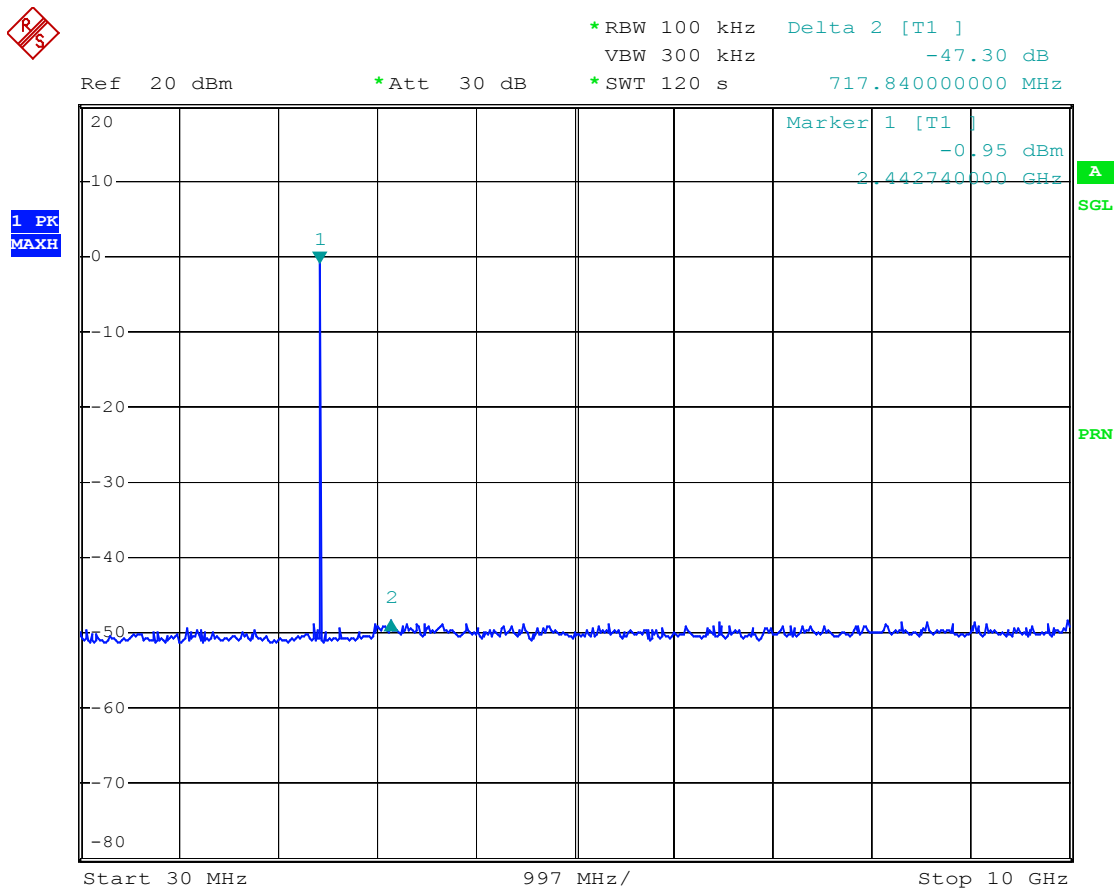
Date: 6.FEB.2004 04:30:48

Tx frequency: 2402MHz



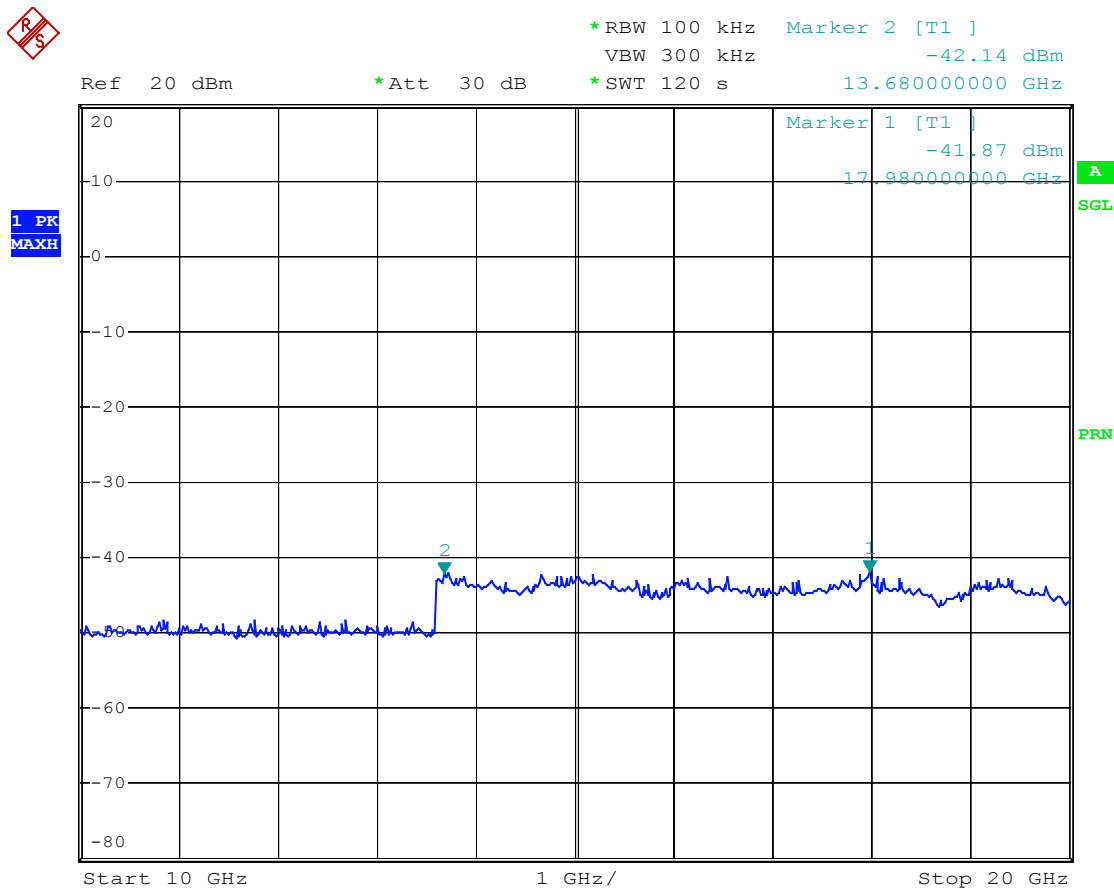
Date: 6.FEB.2004 04:47:26

Tx frequency: 2402MHz



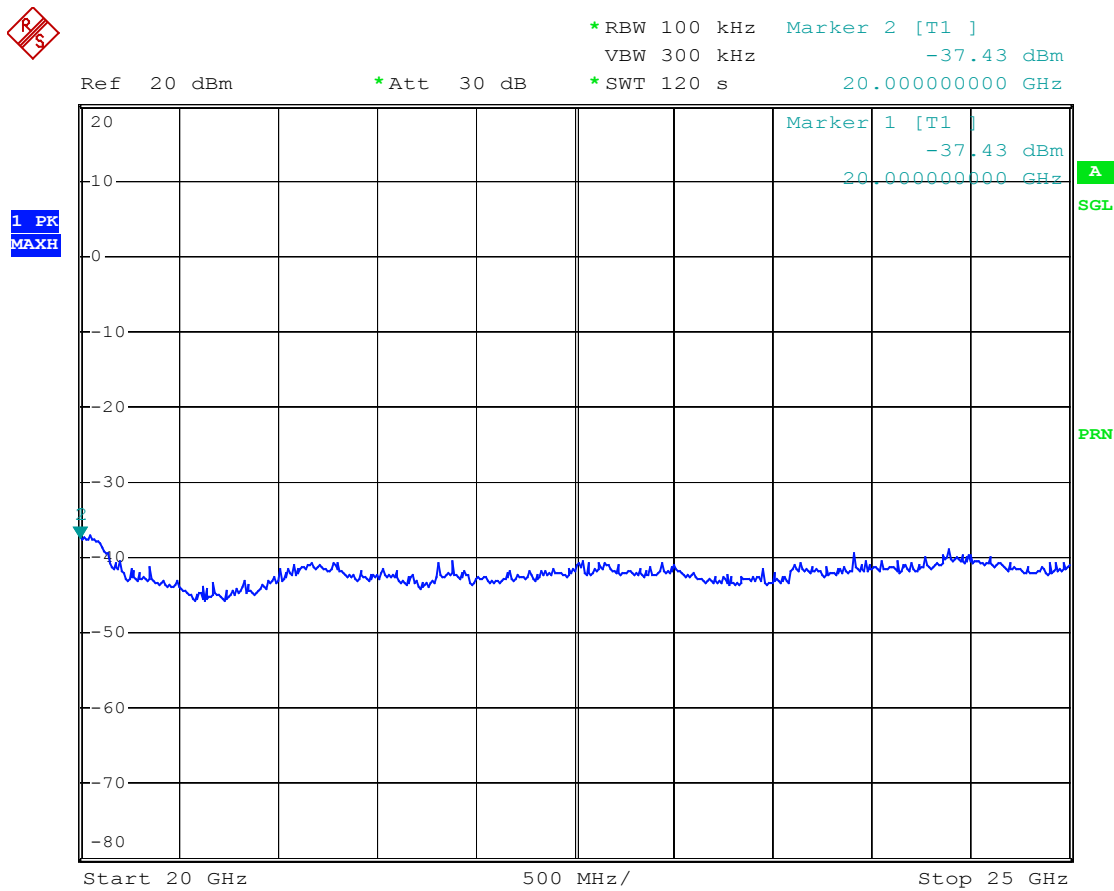
Date: 6.FEB.2004 04:53:46

Tx frequency: 2441MHz



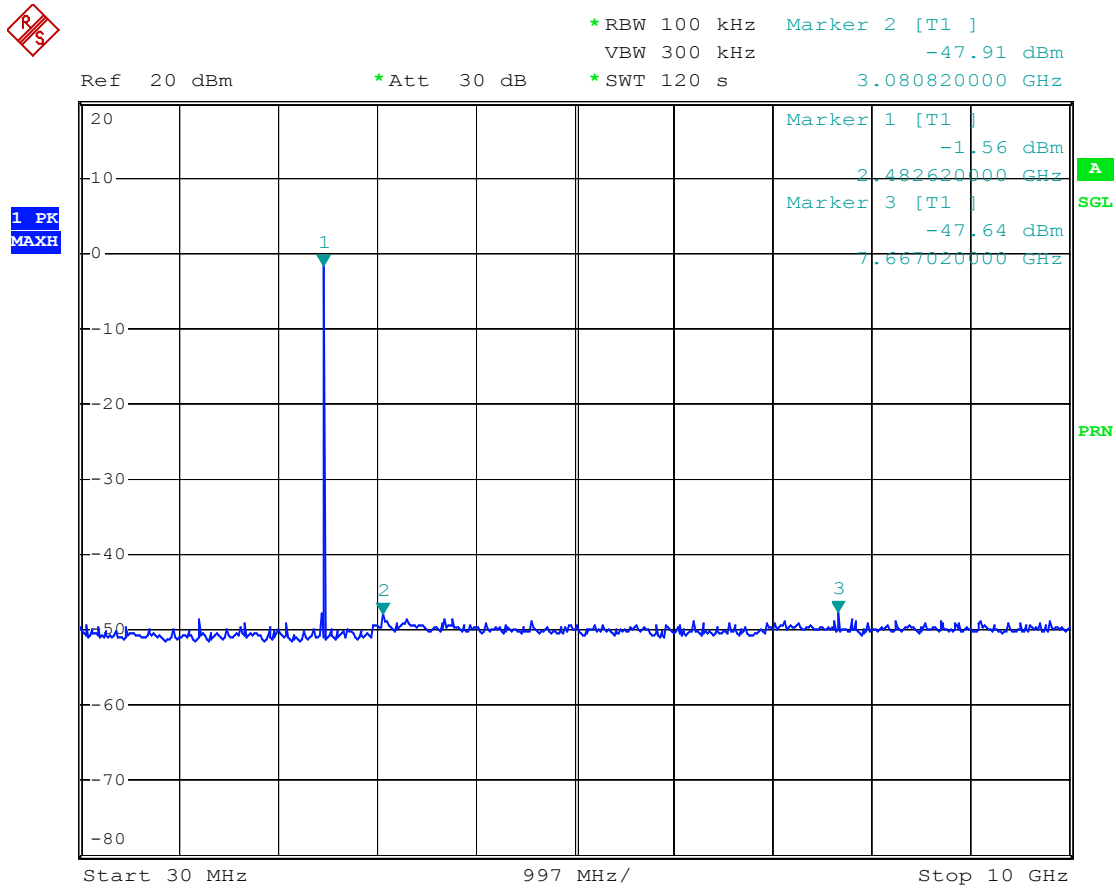
Date: 6.FEB.2004 05:10:10

Tx frequency: 2441MHz



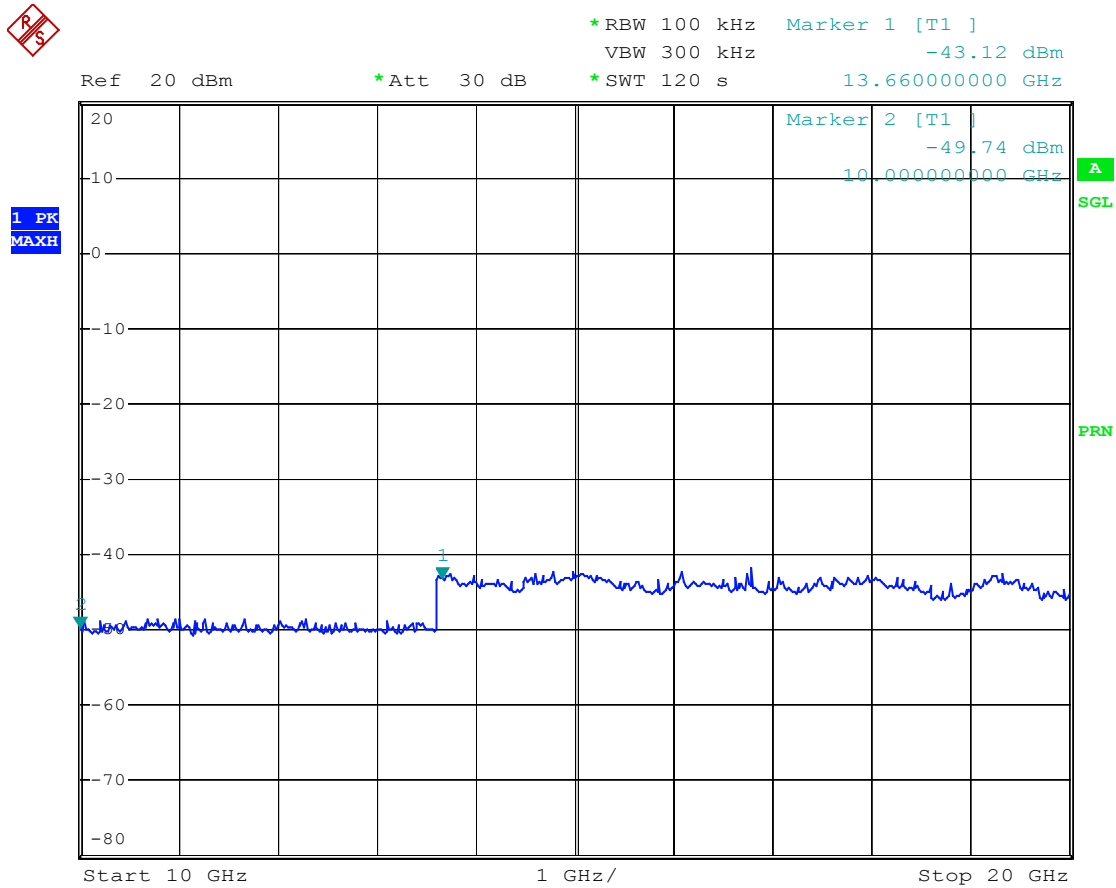
Date: 6.FEB.2004 05:17:56

Tx frequency: 2441MHz



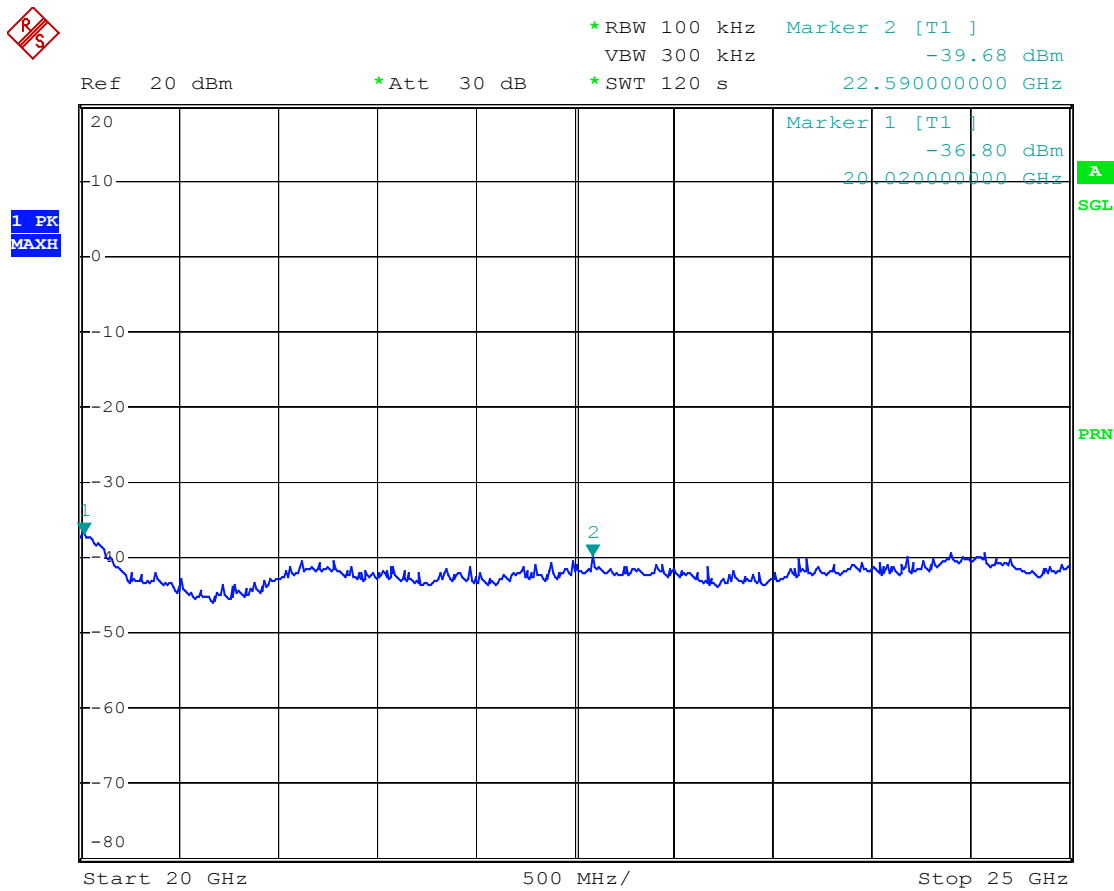
Date: 6.FEB.2004 05:21:42

Tx frequency: 2480MHz



Date: 6.FEB.2004 05:25:22

Tx frequency: 2480MHz



Date: 6.FEB.2004 05:28:10

Tx frequency: 2480MHz

Spurious Radiated emissions

Op. mode: TX mode, DH1 with PRBS9 payload

Comments: 1. High power : maximum output power
 2. Low Frequency : 2402MHz
 3. Middle Frequency : 2441MHz
 4. High Frequency : 2480MHz

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

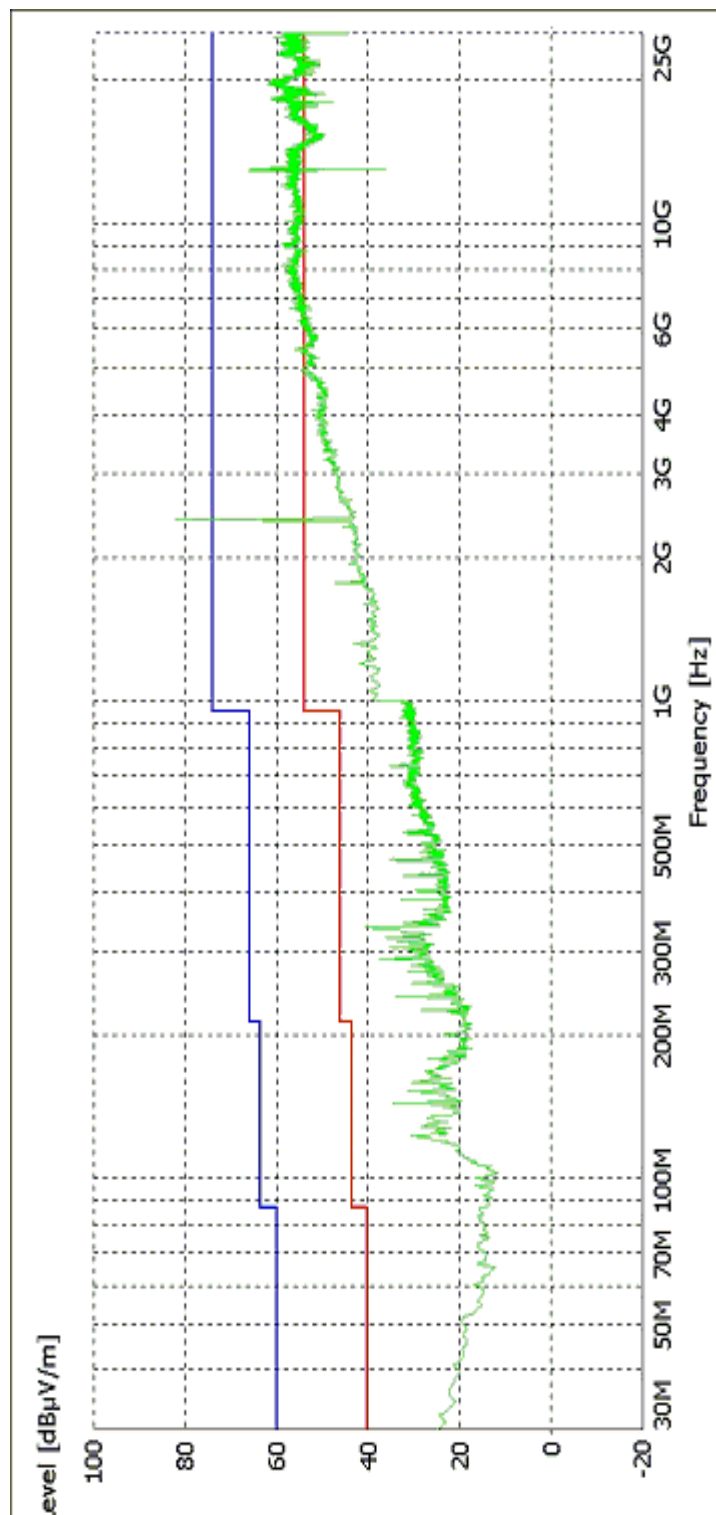
Tx frequency (MHz)	Polarization	Spurious Frequency (MHz)	Power Level (dBuV/m)	Detector (Peak)
2402	Vertical	-	No Peak above the limit	-

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

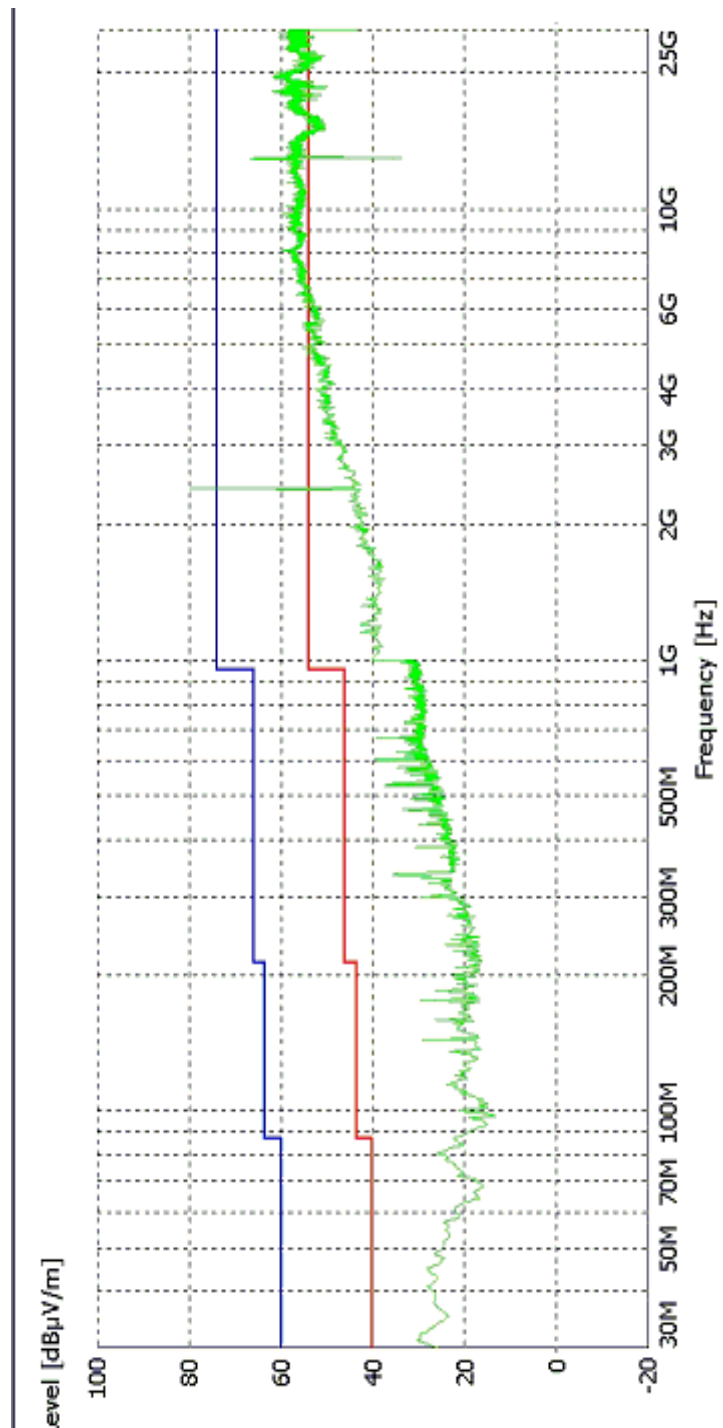
Tx frequency (MHz)	Polarization	Spurious Frequency (MHz)	Power Level (dBuV/m)	Detector (Peak)
2441	Vertical	-	No Peak above the limit	-

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

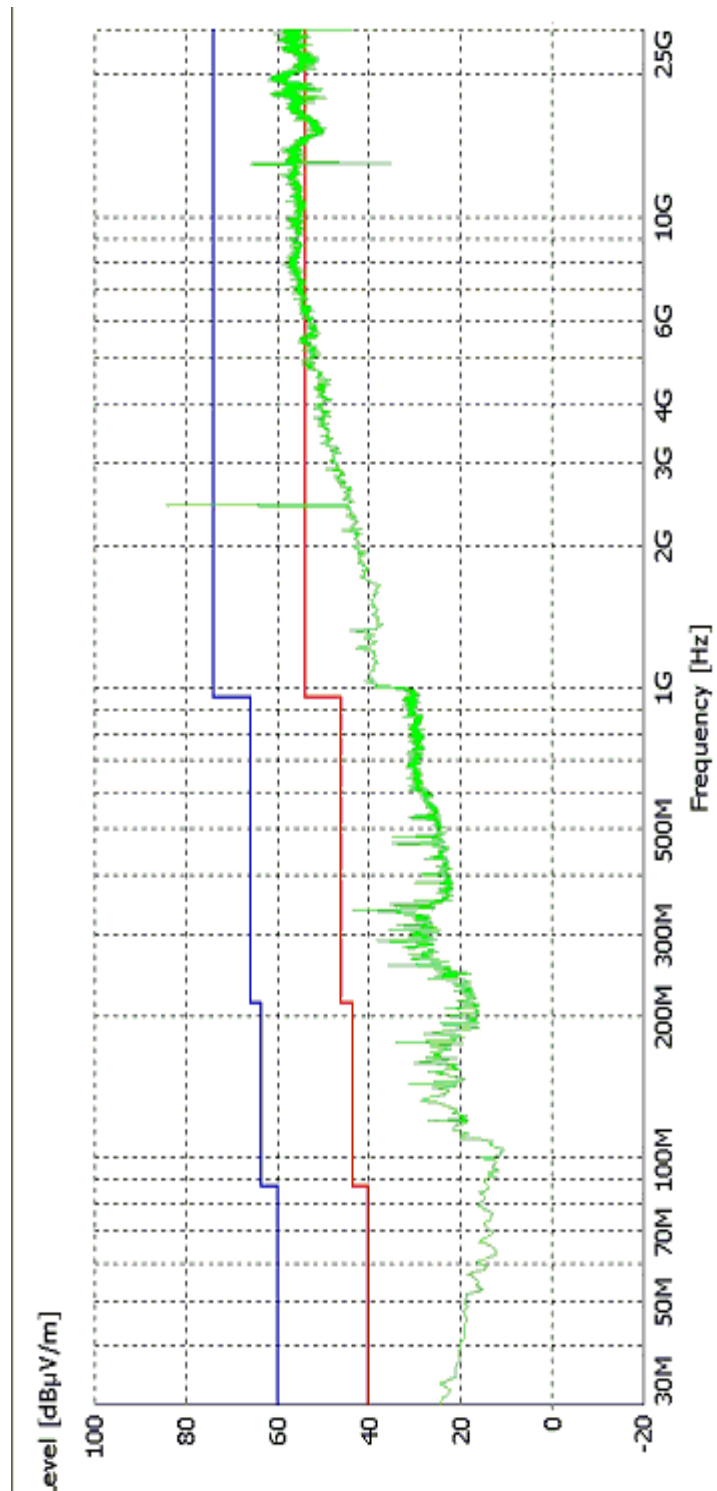
Tx frequency (MHz)	Polarization	Spurious Frequency (MHz)	Power Level (dBuV/m)	Detector (Peak)
2480	Vertical	-	No Peak above the limit	-



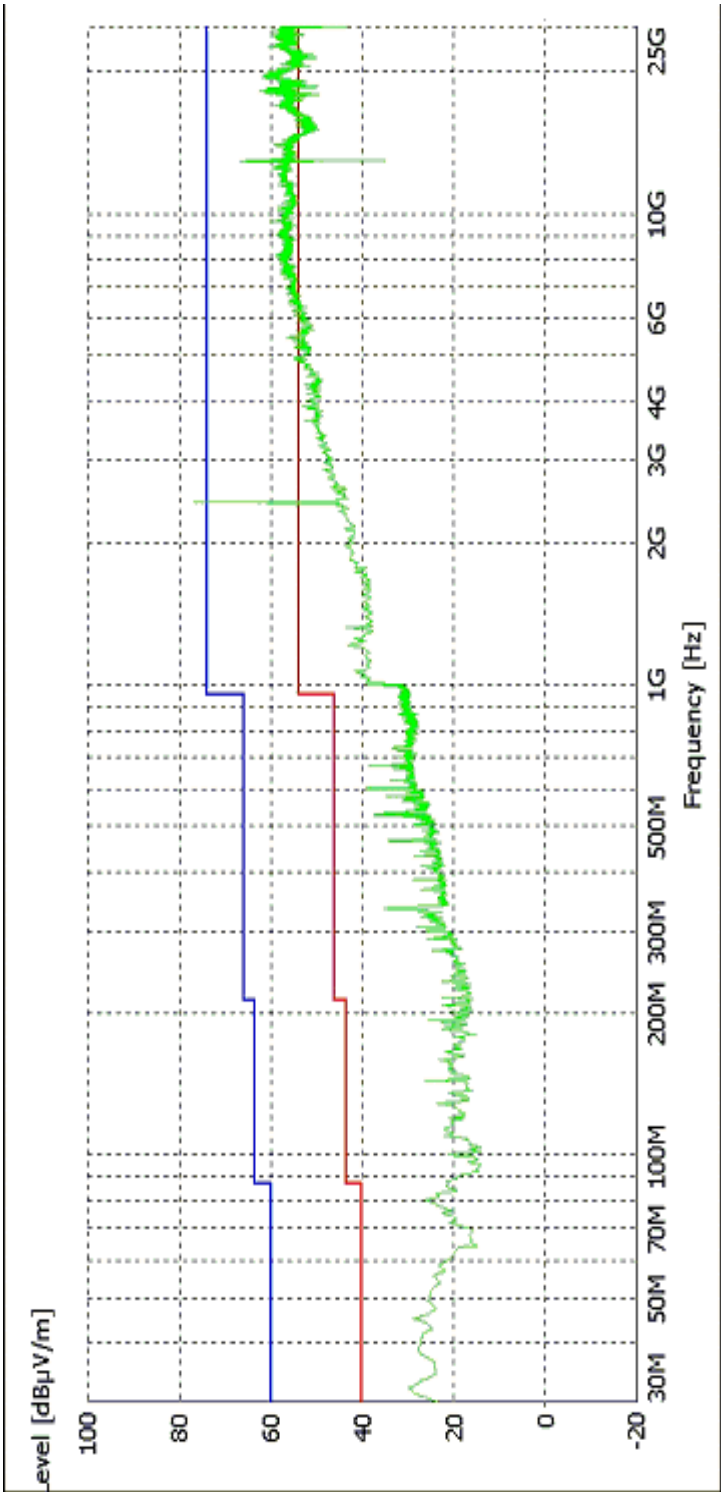
2402 Mhz Horizontal January 30,2004



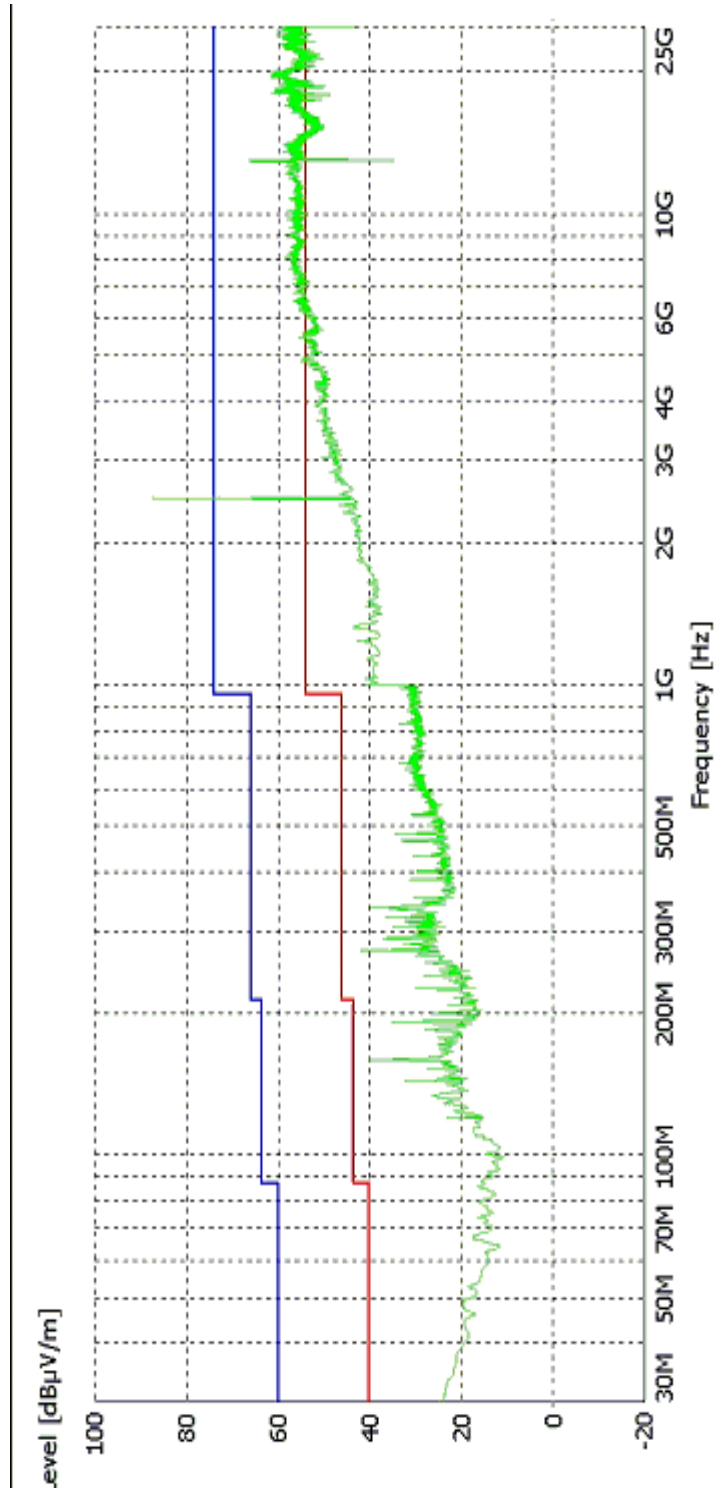
2402 Mhz Vertical January 30,2004



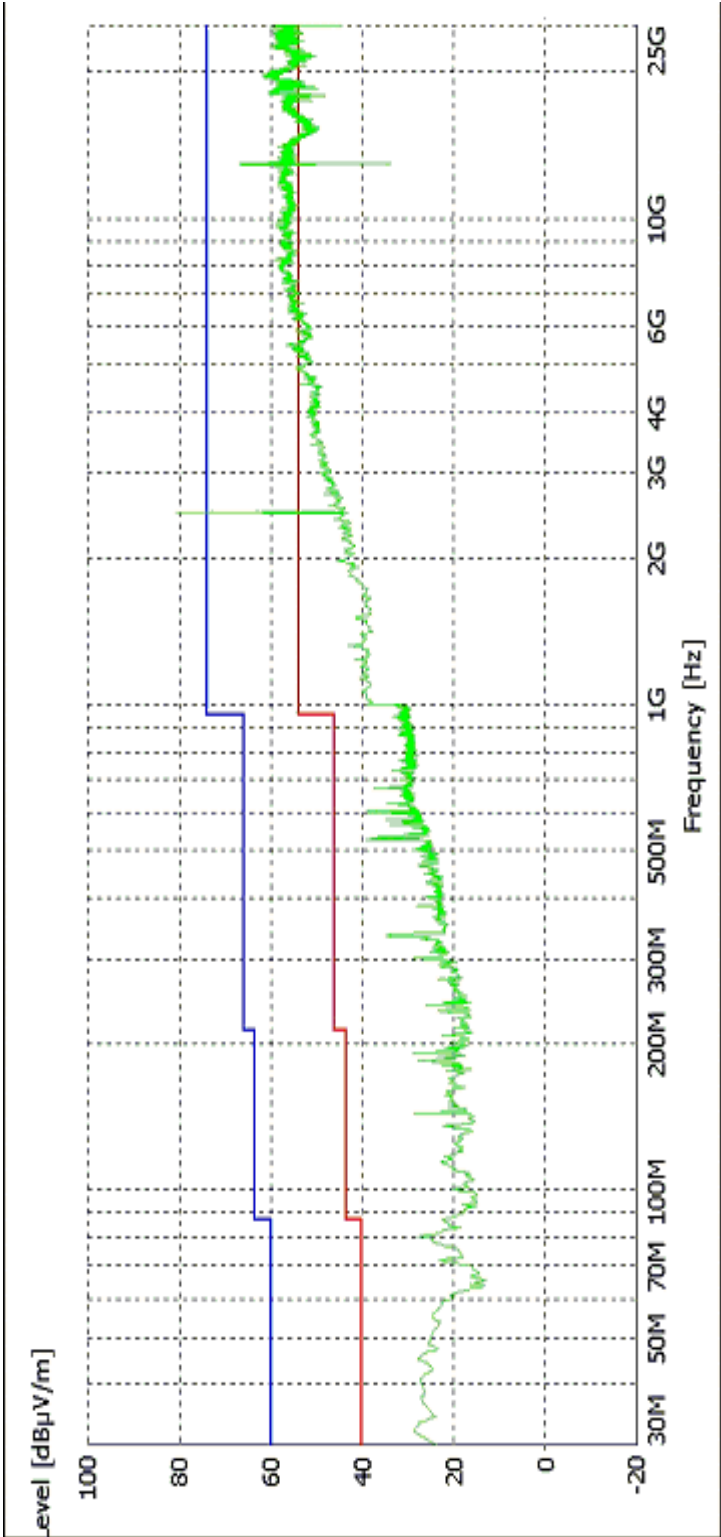
2441 Mhz Horizontal January 30,2004



2441 Mhz Vertical January 30,2004



2480 Mhz Horizontal January 30,2004



2480 Mhz Vertical January 30,2004