

www.tuv.com

Appendix 1

Test Results

Disturbance Voltage on AC Mains

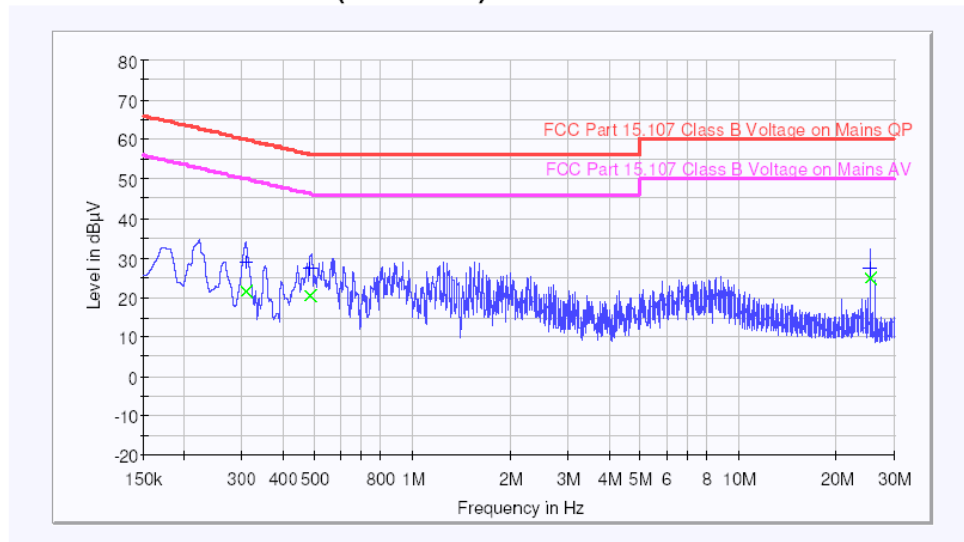
TUV Rheinland Hong Kong Limited

Continuous Disturbance

Test Information

EUT Name:	Sennheiser BTHS
Serial Number:	MM100 (090311011-003)
Test Description:	FCC Part15B
Operating Conditions:	Charging mode
Operator Name:	Tony yeung
Comment:	100V 60Hz
Description	L1

Conducted Emission (FCC-P.15) - Class B



Result Table_Single

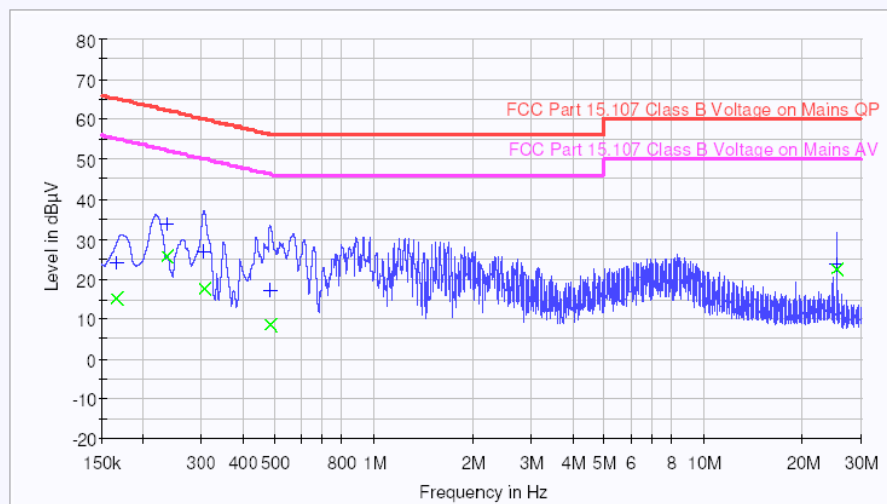
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
0.310000	28.8	21.8
0.486000	27.4	20.5
25.230000	27.3	25.0

Continuous Disturbance

Test Information

EUT Name:	Sennheiser BTHS
Serial Number:	MM100 (090311011-003)
Test Description:	FCC Part15B
Operating Conditions:	Charging mode
Operator Name:	Tony yeung
Comment:	100V 60Hz
Description:	CEN

Conducted Emission (FCC-P.15) - Class B

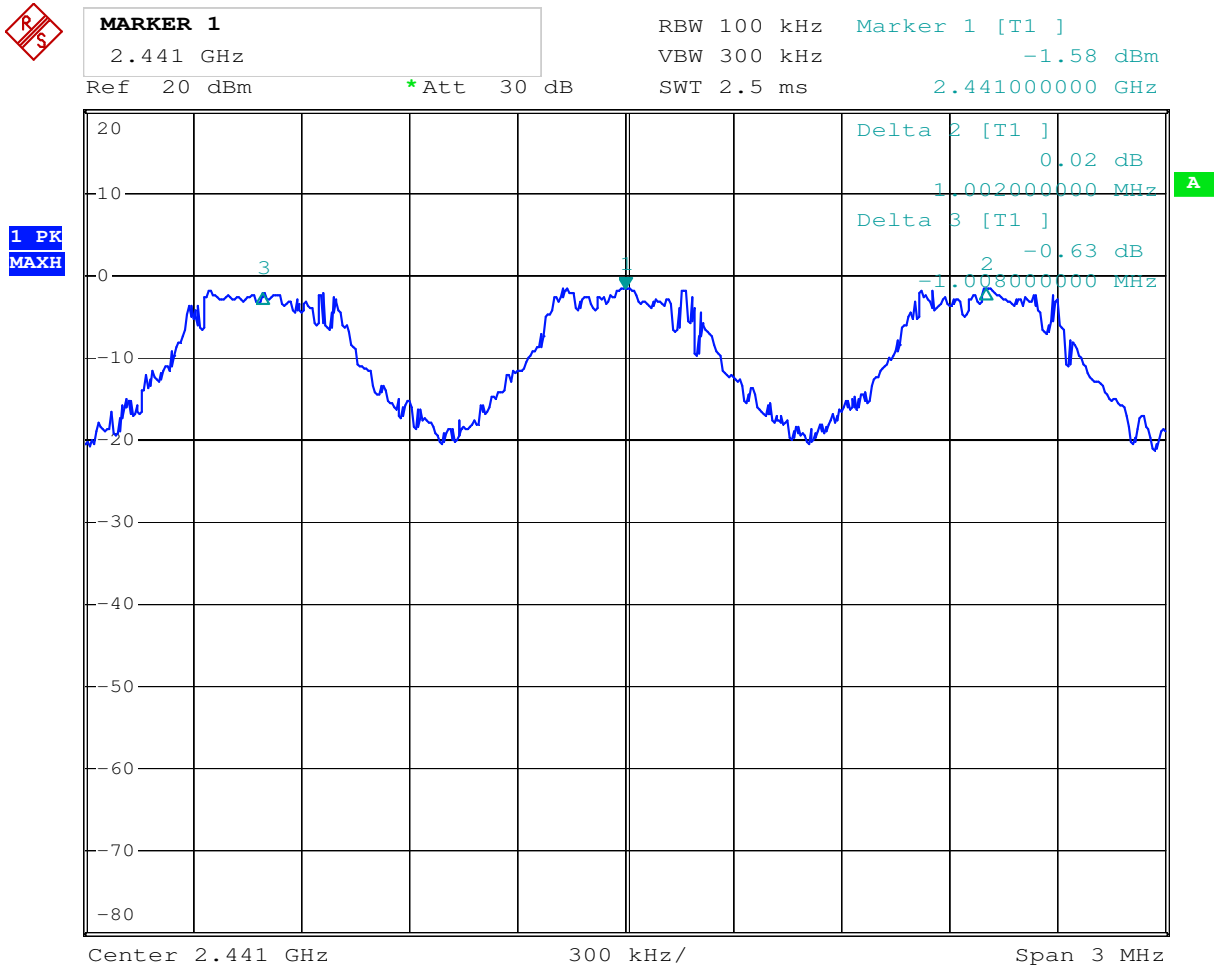


Result Table_Single

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
0.165250	24.3	15.2
0.237000	33.8	25.6
0.306000	26.8	17.5
0.486000	17.4	8.3
25.226000	23.9	22.7

www.tuv.com

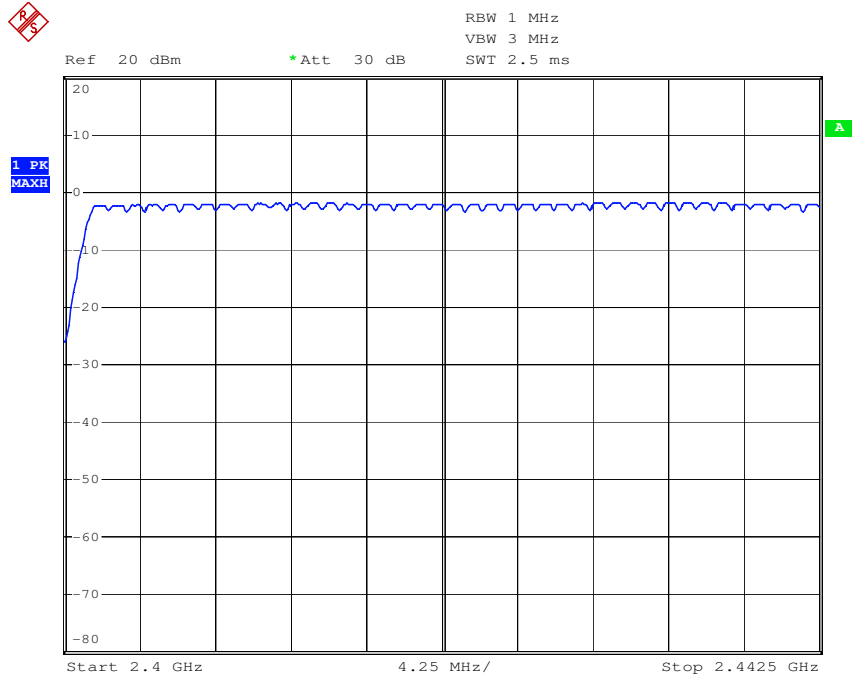
Carrier Frequency Separation



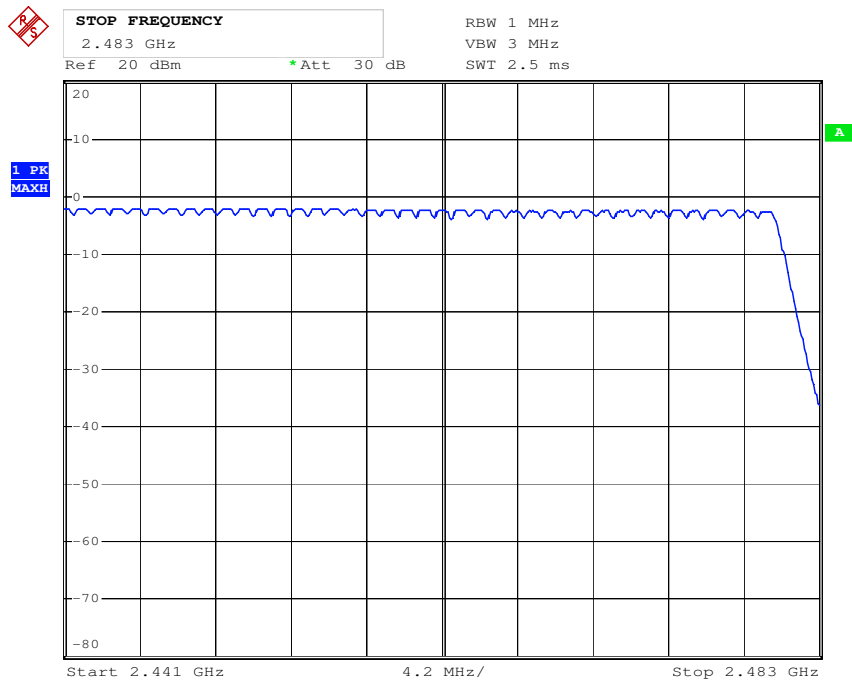
Date: 18.MAR.2009 15:08:25

www.tuv.com

Number of hopping channels



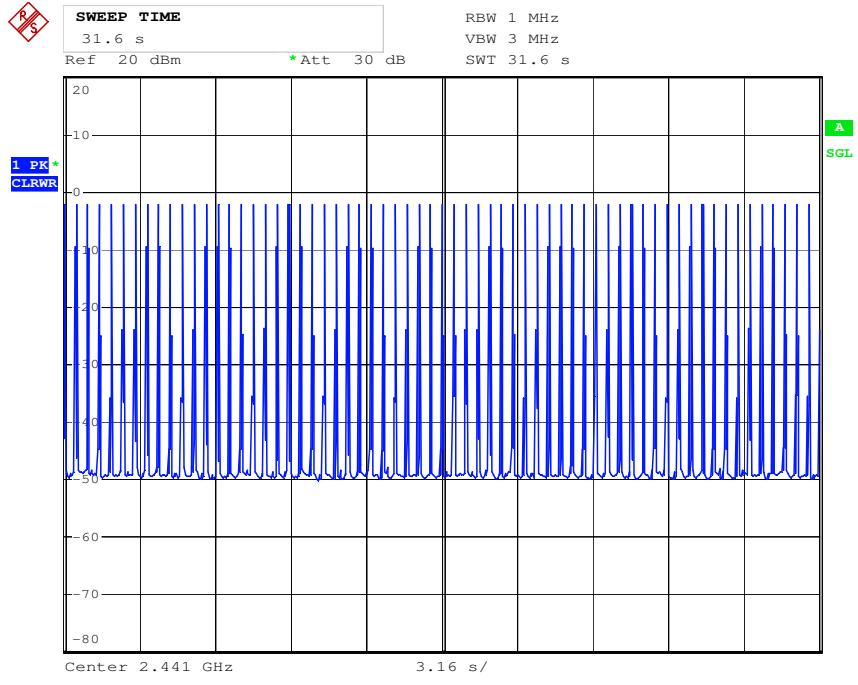
Date: 18.MAR.2009 15:11:14



Date: 18.MAR.2009 15:12:21

www.tuv.com

Dwell Time



Date: 18.MAR.2009 15:15:08

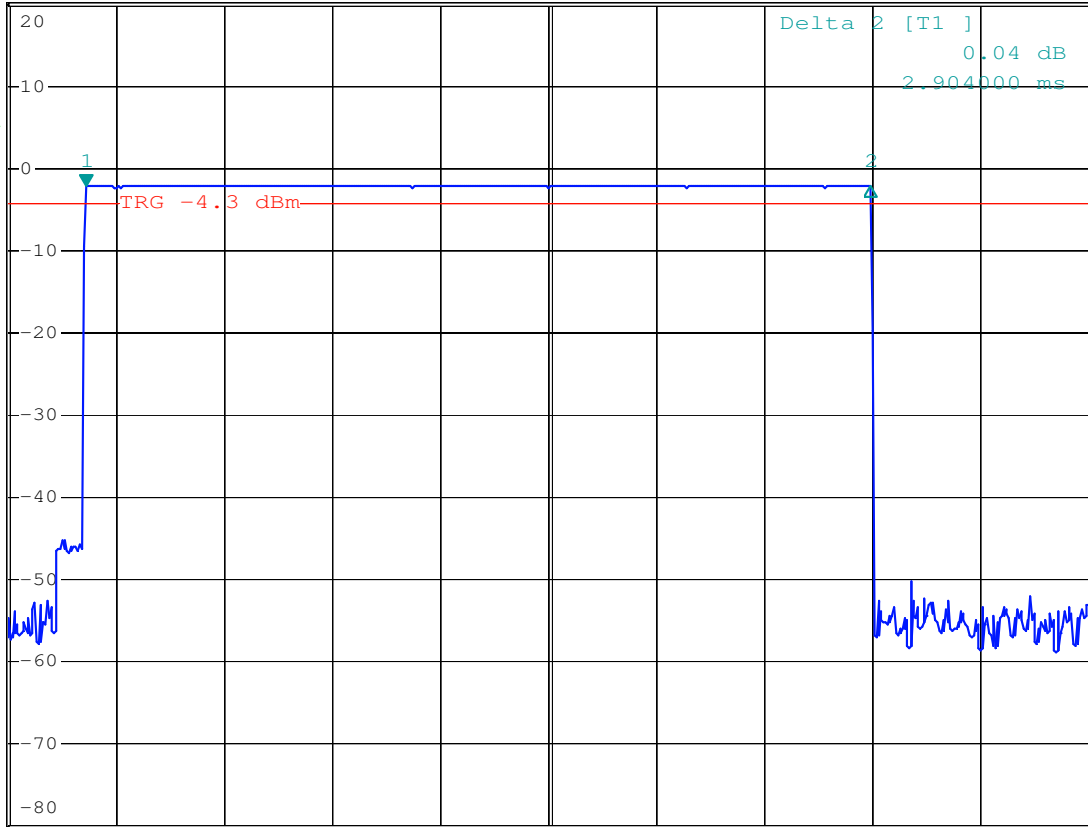
www.tuv.com



MARKER 1
 -1 μ s
 Ref 20 dBm *Att 30 dB

RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz -2.23 dBm
 SWT 4 ms -1.000000 μ s

1 PK*
 CLRWR



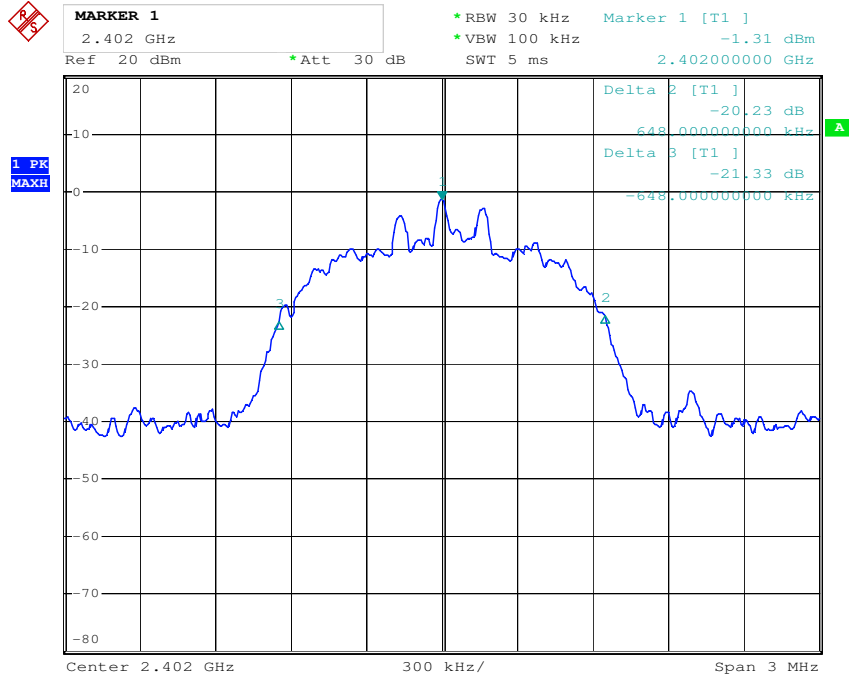
Center 2.441 GHz 400 μ s/

Date: 18.MAR.2009 15:17:01

www.tuv.com

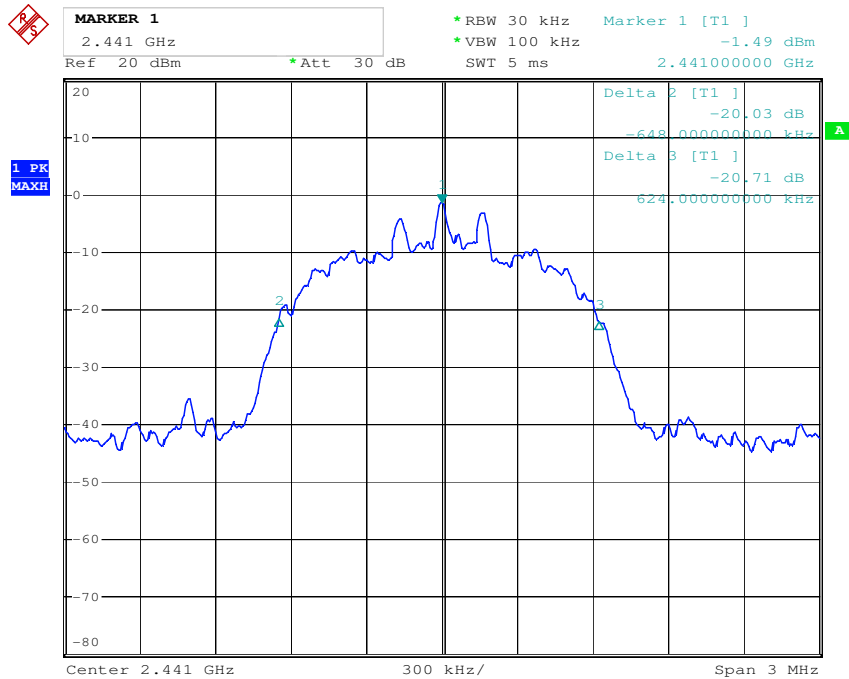
20dB Bandwidth

Tx frequency: 2402MHz



Date: 18.MAR.2009 15:20:25

Tx frequency: 2441MHz



Date: 18.MAR.2009 15:22:15

www.tuv.com

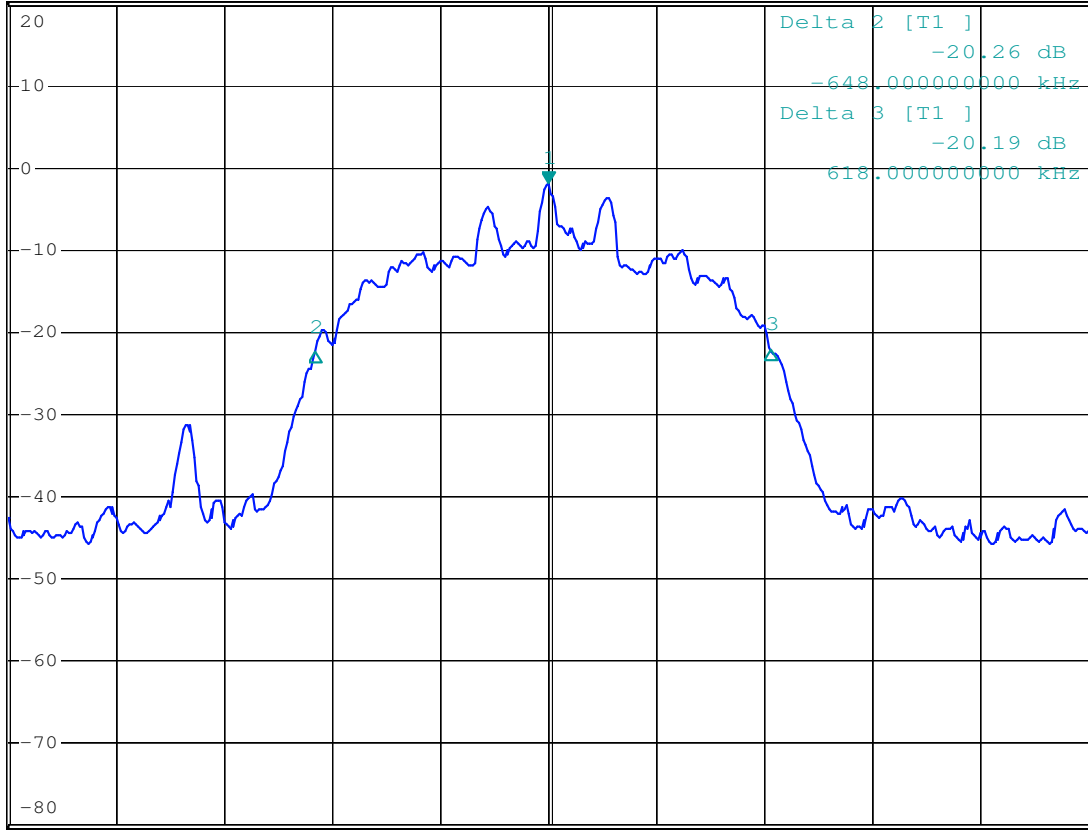
Tx frequency: 2480MHz



MARKER 1
 2.48 GHz
 Ref 20 dBm *Att 30 dB

*RBW 30 kHz Marker 1 [T1]
 *VBW 100 kHz -20.03 dBm
 SWT 5 ms 2.480000000 GHz

1 PK
 MAXH



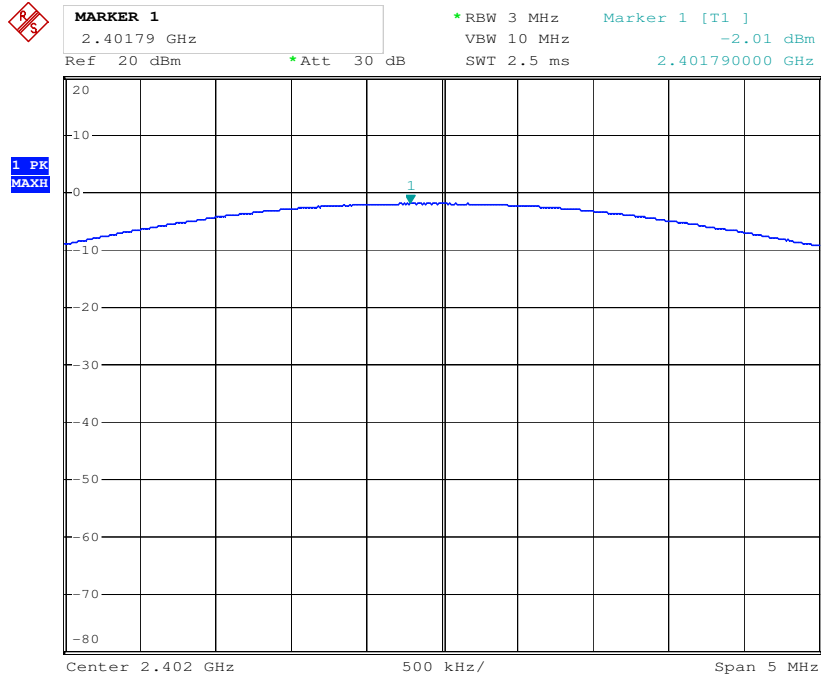
Center 2.48 GHz 300 kHz/ Span 3 MHz

Date: 18.MAR.2009 15:24:11

www.tuv.com

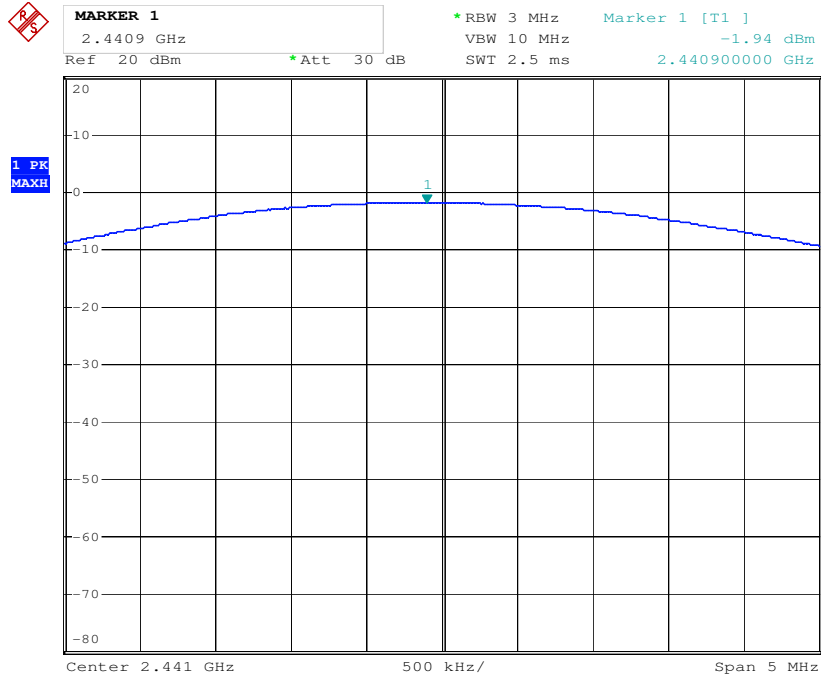
Peak Output Power

Modulation: GFSK
Tx frequency: 2402MHz



Date: 18.MAR.2009 15:33:47

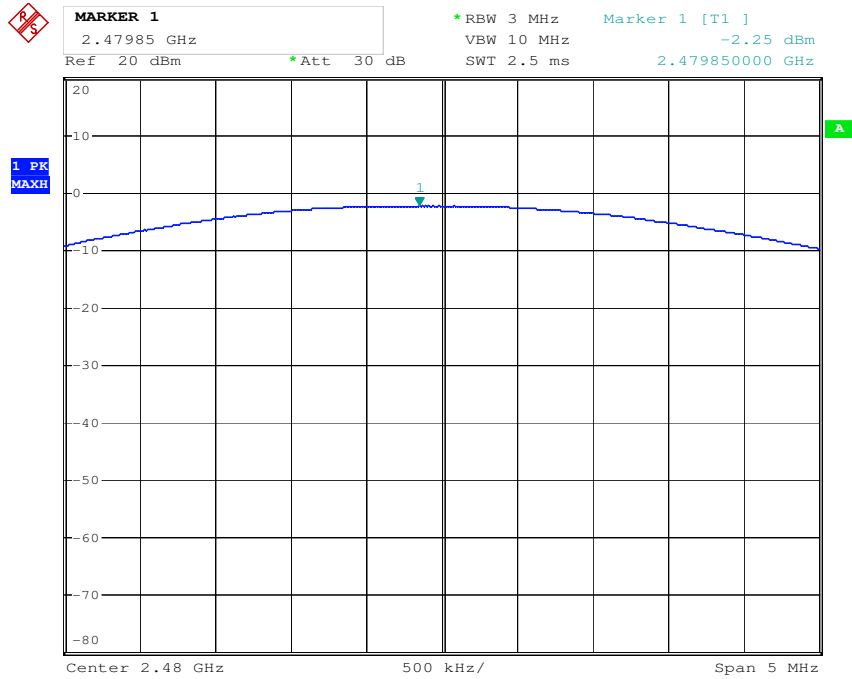
Modulation: GFSK
Tx frequency: 2441MHz



Date: 18.MAR.2009 15:33:07

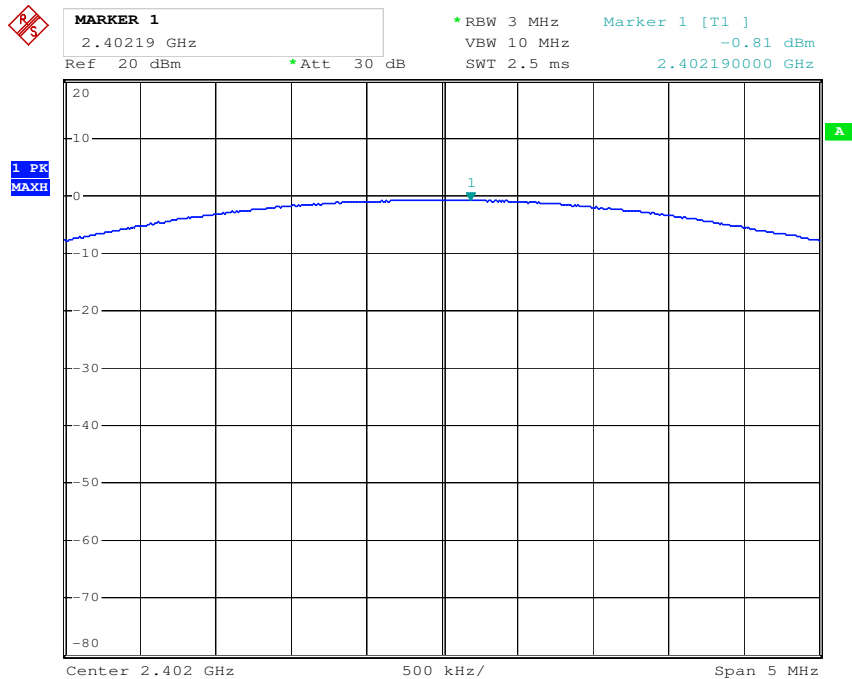
www.tuv.com

Modulation: GFSK
Tx frequency: 2480MHz



Date: 18.MAR.2009 15:32:23

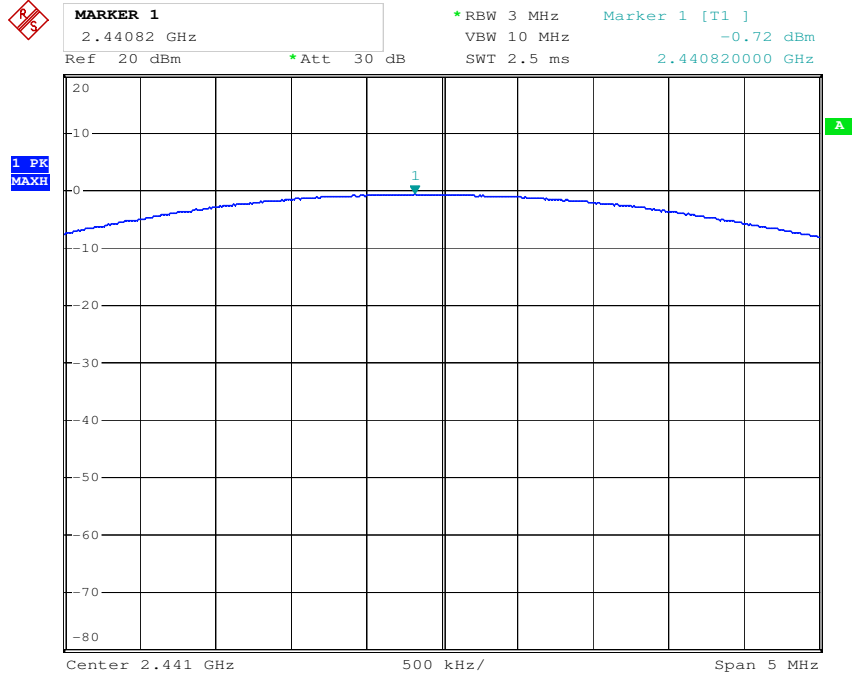
Modulation: Pi/4 DQPSK
Tx frequency: 2402MHz



Date: 18.MAR.2009 15:29:21

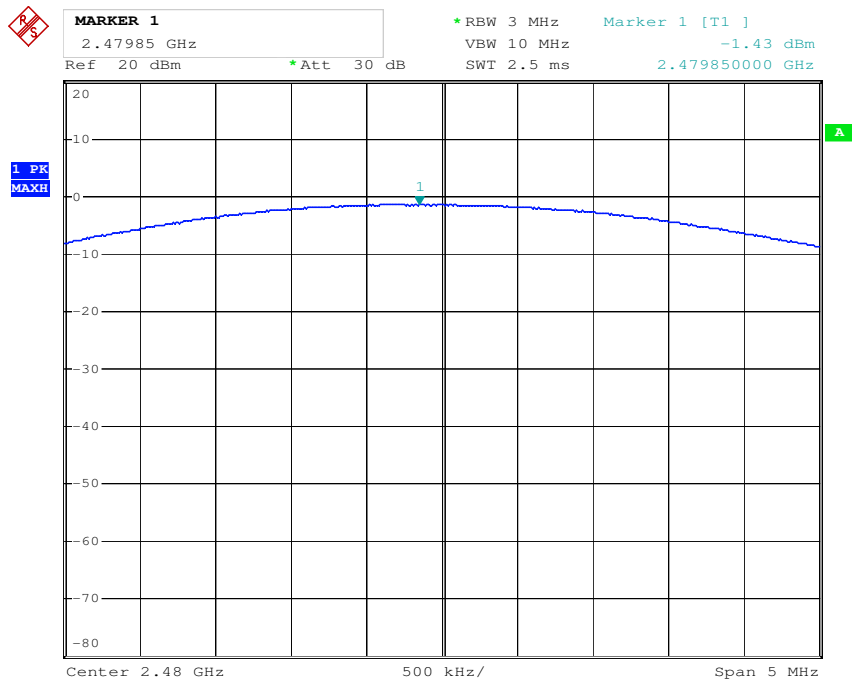
www.tuv.com

Modulation: Pi/4 DQPSK
Tx frequency: 2441MHz



Date: 18.MAR.2009 15:30:05

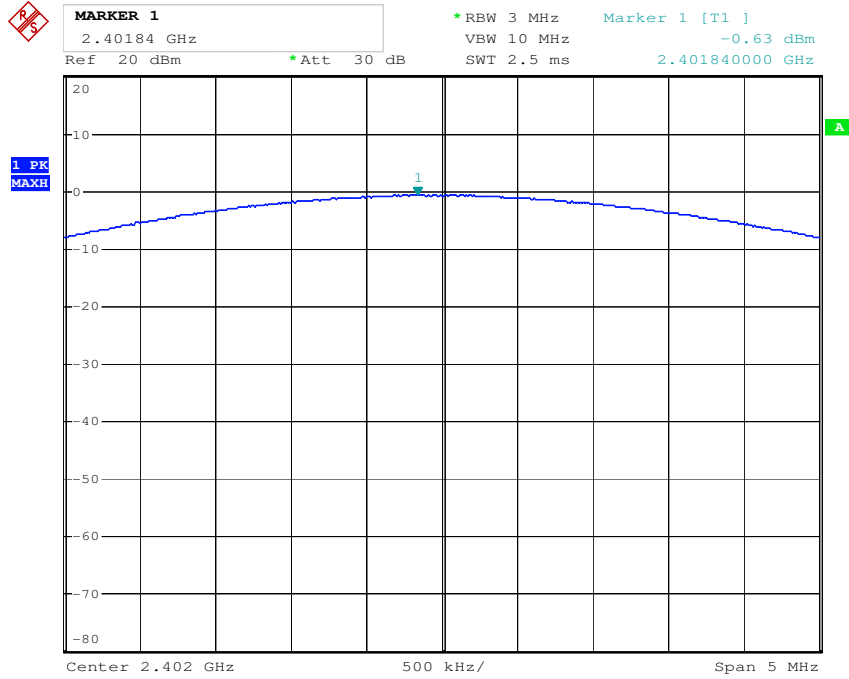
Modulation: Pi/4 DQPSK
Tx frequency: 2480MHz



Date: 18.MAR.2009 15:30:42

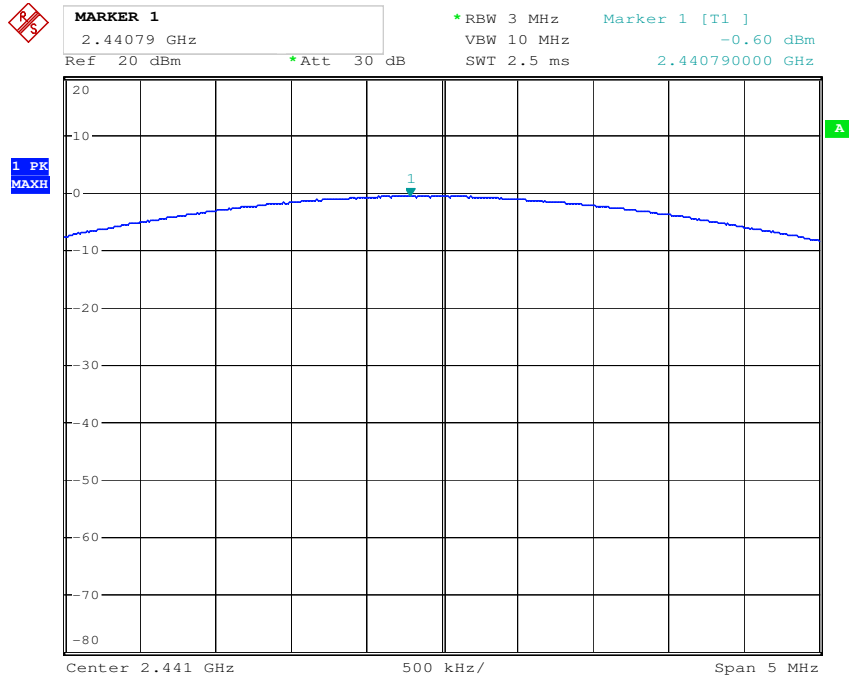
www.tuv.com

Modulation: 8 DPSK
Tx frequency: 2402MHz



Date: 18.MAR.2009 15:28:20

Modulation: 8 DPSK
Tx frequency: 2441MHz



Date: 18.MAR.2009 15:27:45

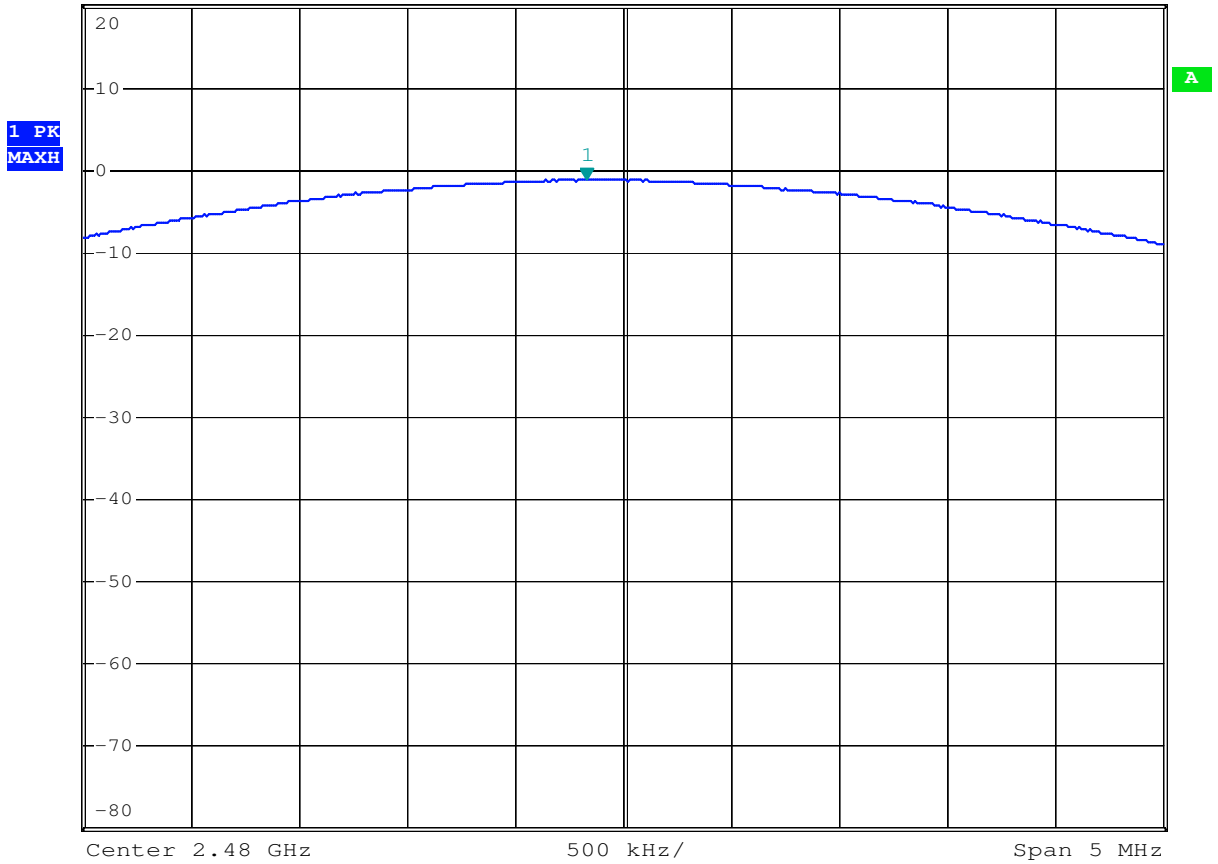
www.tuv.com

Modulation: 8 DPSK
Tx frequency: 2480MHz



MARKER 1
2.47983 GHz
Ref 20 dBm *Att 30 dB

*RBW 3 MHz Marker 1 [T1]
VBW 10 MHz -1.18 dBm
SWT 2.5 ms 2.479830000 GHz

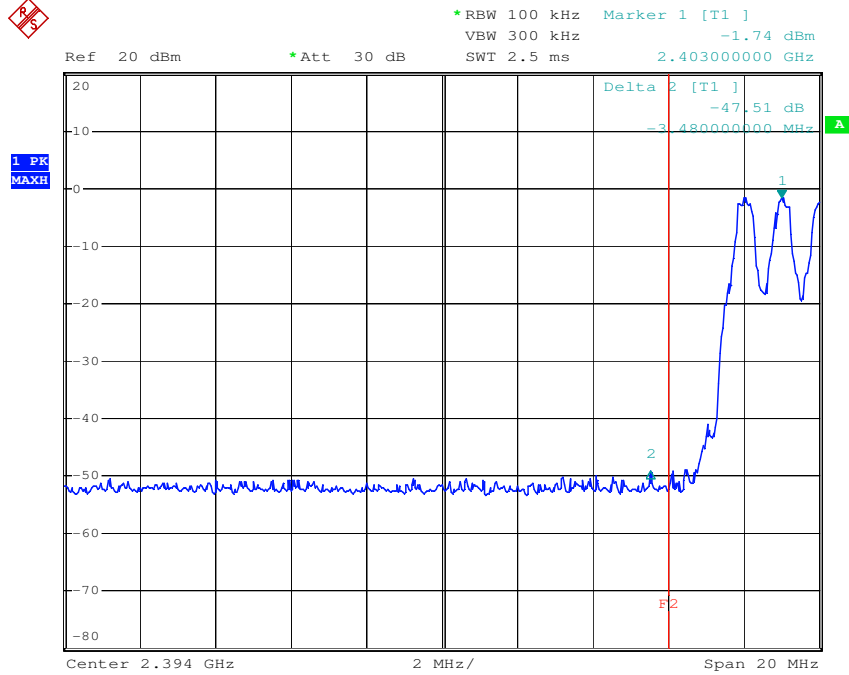


Date: 18.MAR.2009 15:26:05

www.tuv.com

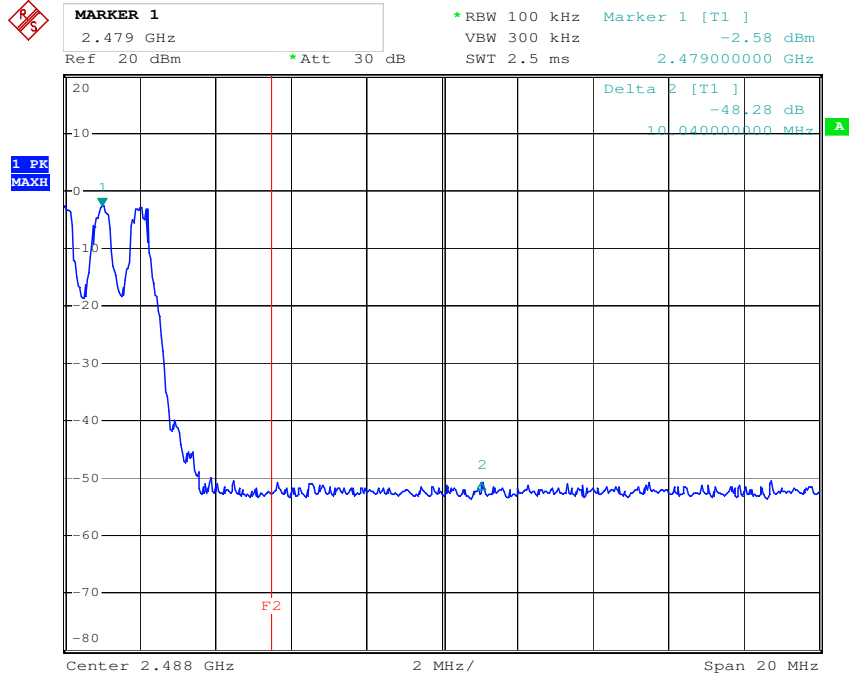
Band Edge Compliance

Tx frequency: 2402MHz (conducted measurement; hopping on)



Date: 18.MAR.2009 15:41:29

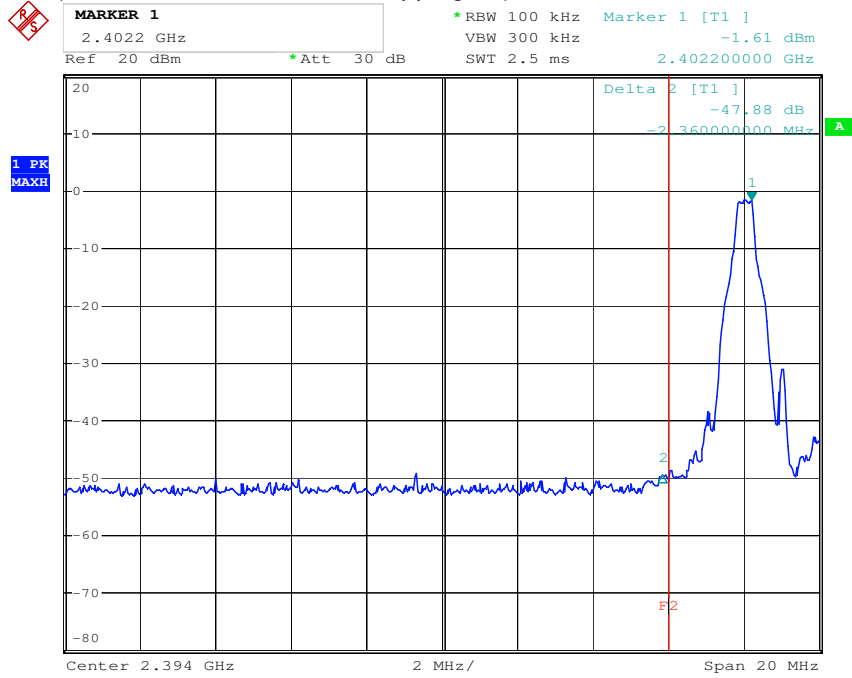
Tx frequency: 2480MHz (conducted measurement; hopping on)



Date: 18.MAR.2009 15:43:17

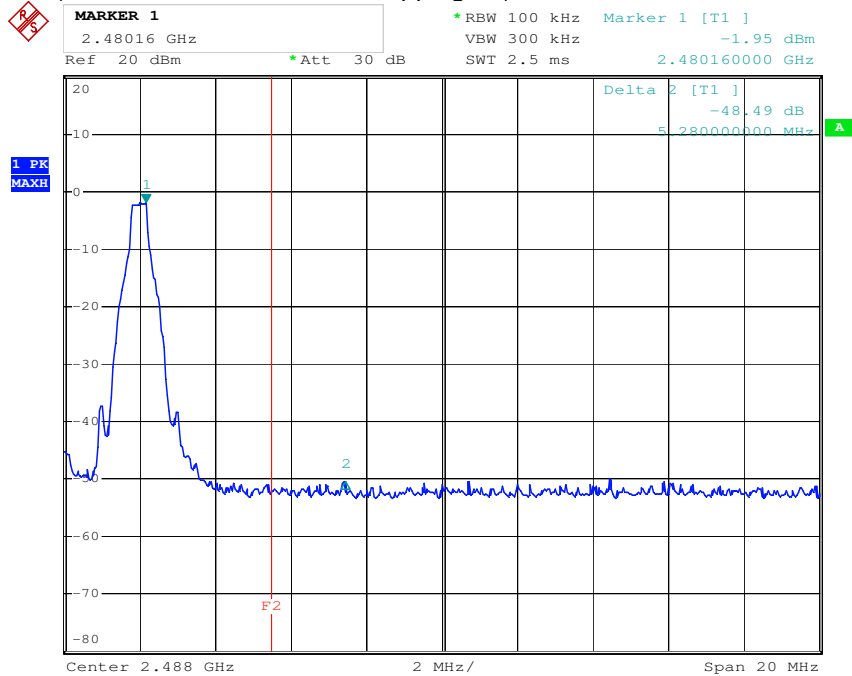
www.tuv.com

Tx frequency: 2402MHz (conducted measurement; hopping off)



Date: 18.MAR.2009 15:36:31

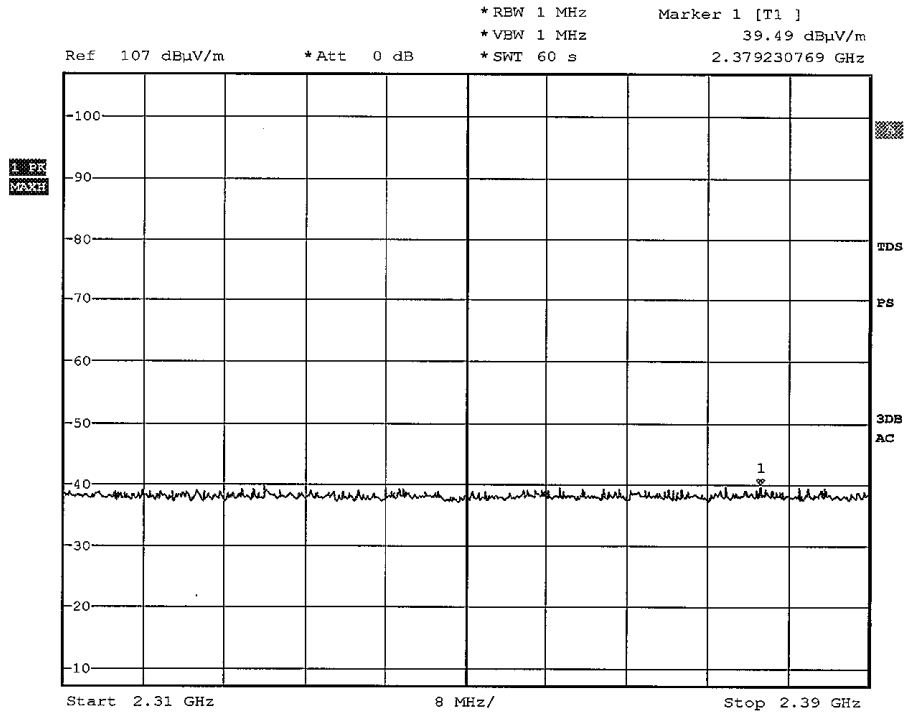
Tx frequency: 2480MHz (conducted measurement; hopping off)



Date: 18.MAR.2009 15:44:45

www.tuv.com

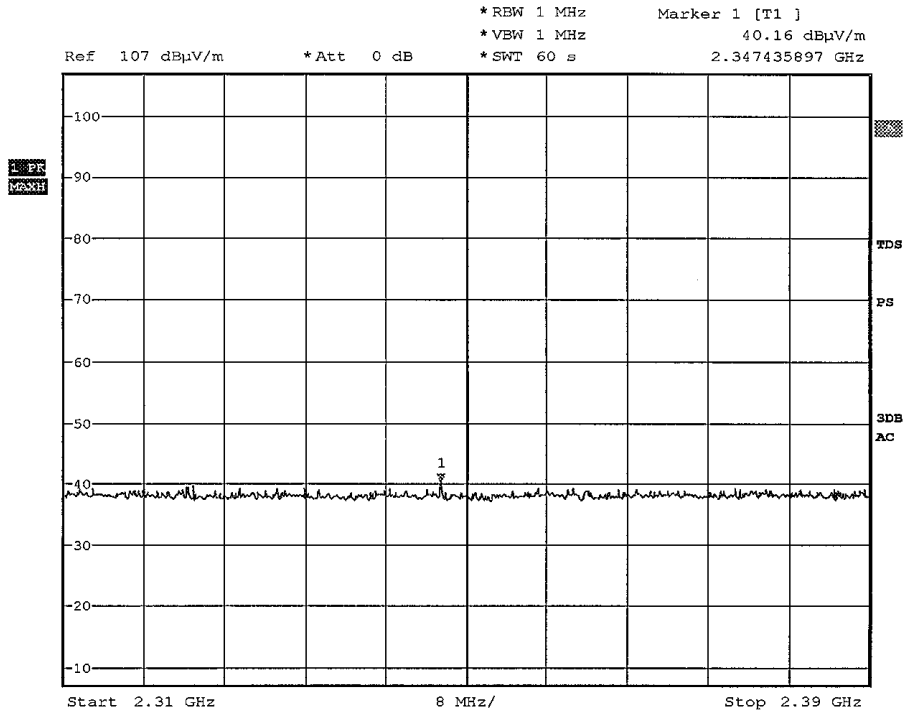
Tx frequency: 2402MHz (radiated measurement)



SENNHEISER/ MM100/ 090311011-001/ VERT. /2402MHz

Date: 18.MAR.2009 11:46:20

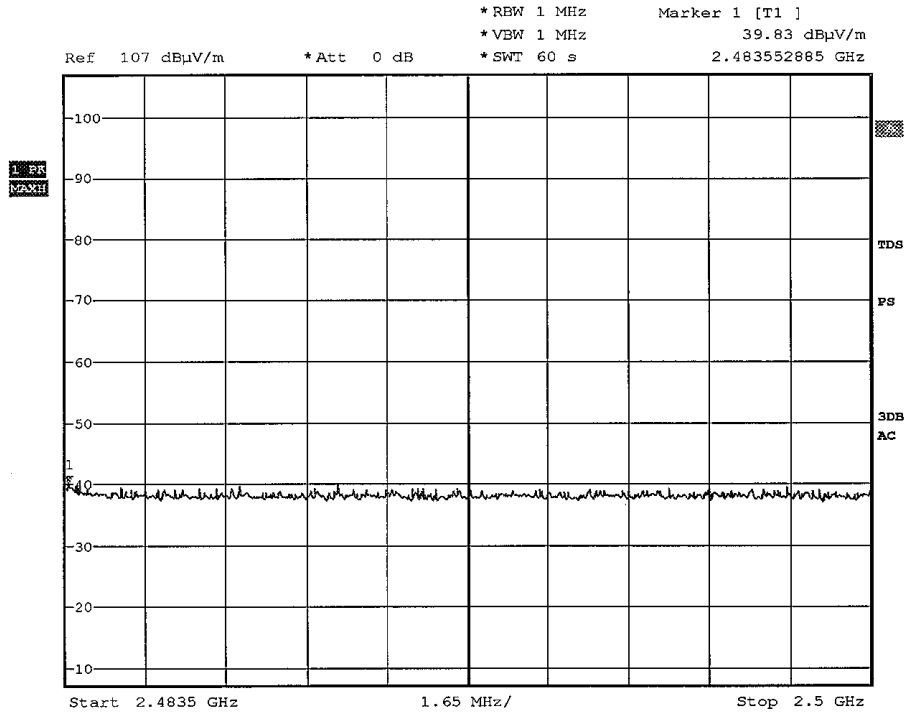
www.tuv.com



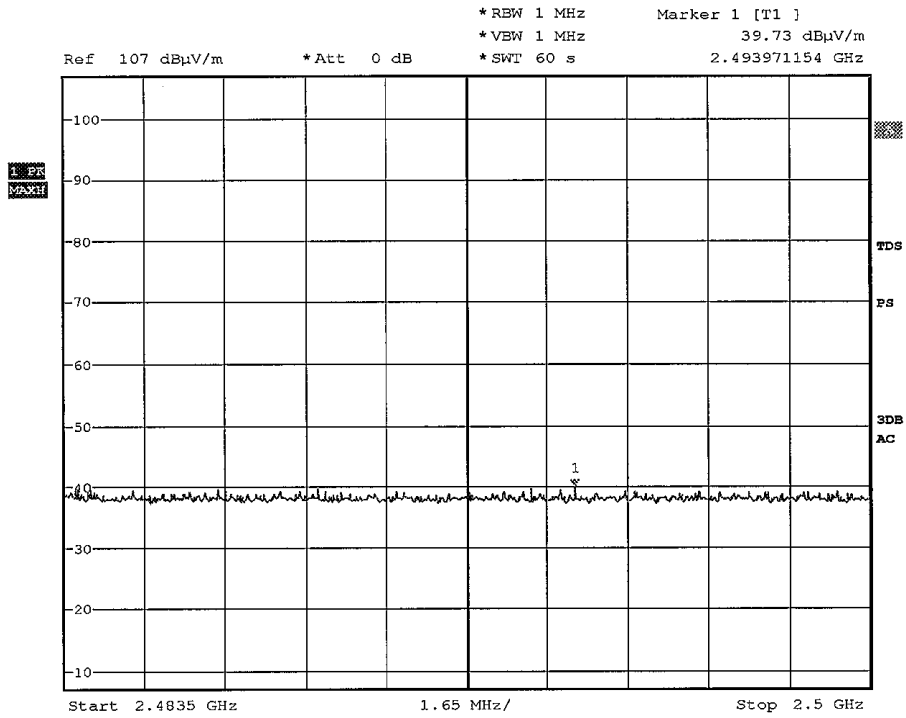
SENNHEISER/ MM100/ 090311011-001/ HORI. /2402MHz
 Date: 18.MAR.2009 11:47:42

www.tuv.com

Tx frequency: 2480MHz (radiated measurement)



SENNHEISER/ MM100/ 090311011-001/ VERT. /2480MHz
 Date: 18.MAR.2009 12:21:58



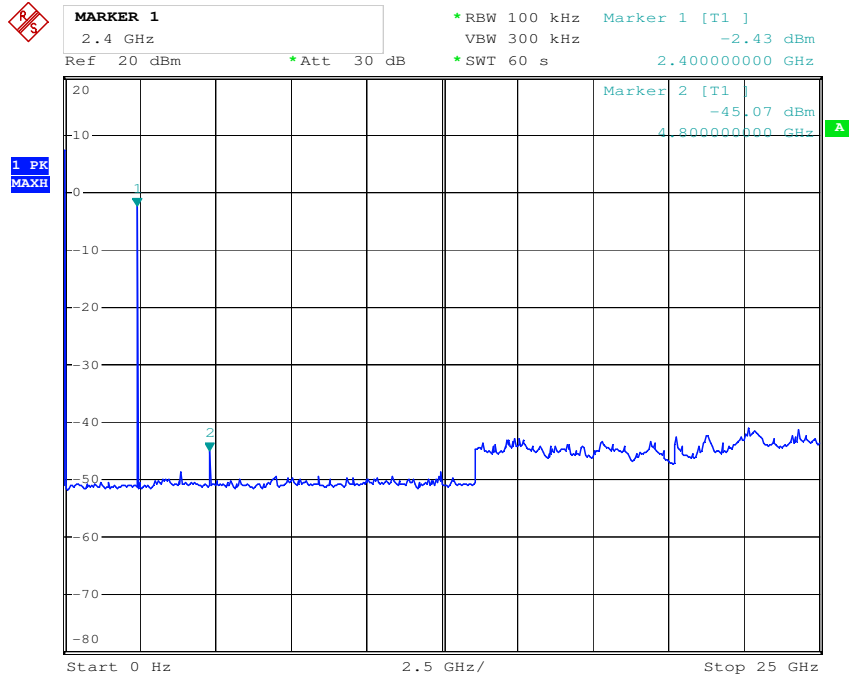
SENNHEISER/ MM100/ 090311011-001/ HORI. /2480MHz

Date: 18.MAR.2009 12:20:47

www.tuv.com

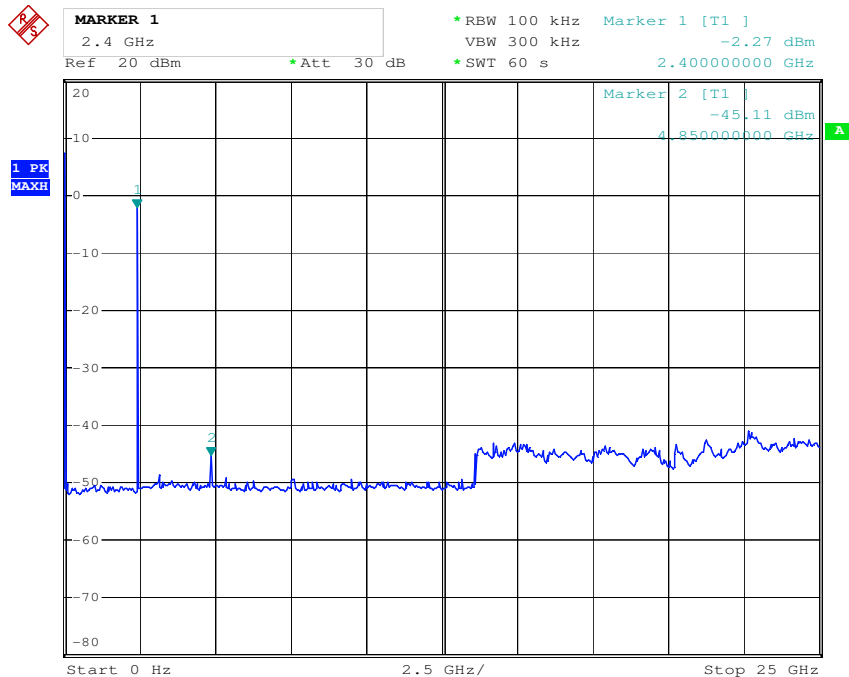
Spurious Emissions - Conducted

Tx frequency: 2402MHz



Date: 18.MAR.2009 15:54:16

Tx frequency: 2441MHz



Date: 18.MAR.2009 15:50:37

www.tuv.com

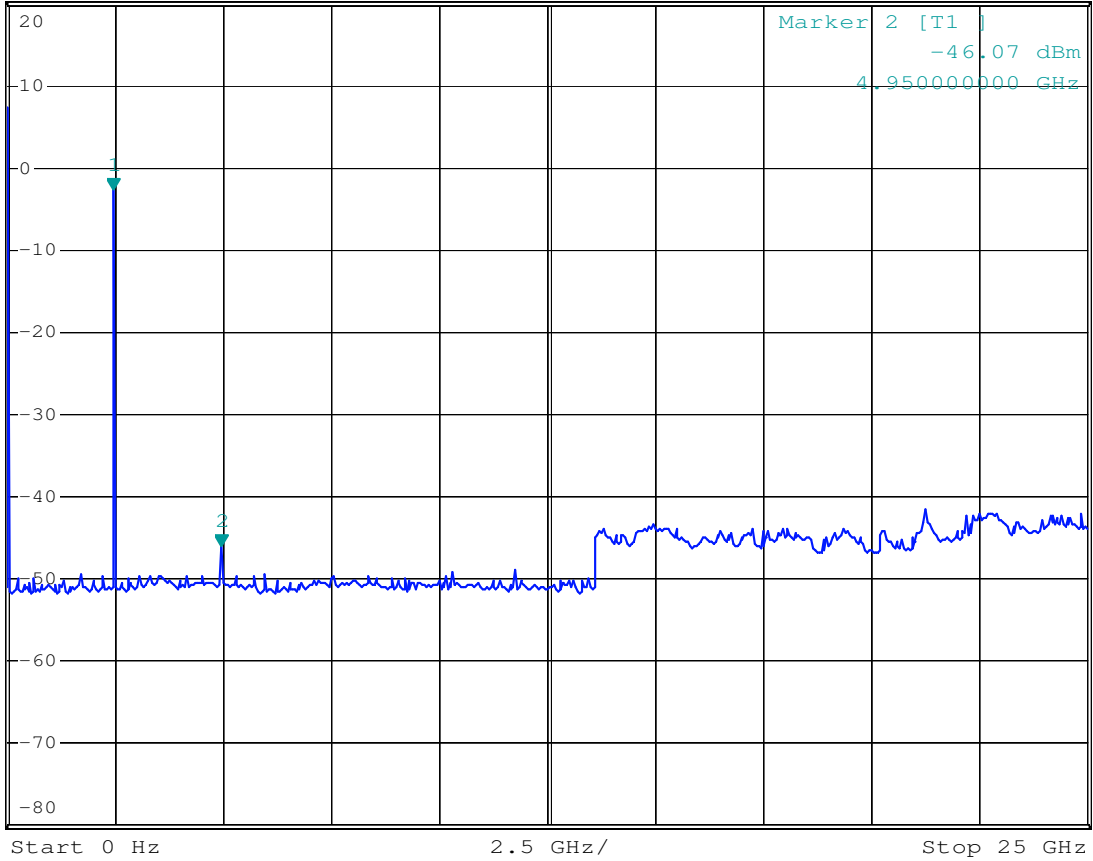
Tx frequency: 2480MHz



MARKER 1
 2.45 GHz
 Ref 20 dBm *Att 30 dB

*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz -2.76 dBm
 *SWT 60 s 2.450000000 GHz

1 PK
 MAXH



Date: 18.MAR.2009 15:47:52