

Appendix 1

Test Results

Disturbance Voltage on AC Mains

CONDUCTED EMISSION

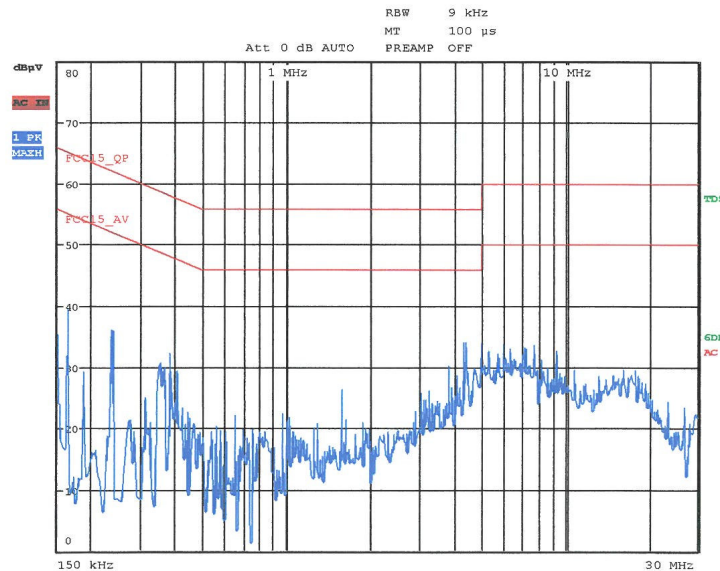
28.Feb 11 14:01

Job / Record No. TUV220211B03.PK
Equipment under Test SENNHEISER/ BTHS/ VMX200/ 00110121110-001,00110121111-001, 00110121102-003
Ant. Pol./h/Range L
Test Spec./ Std FCC P15
Operator TING
Operation Condition
 AC 100V 60Hz

Stepped Scan (1 Range)

Scan Start: 150 kHz
Scan Stop: 30 MHz
Detector: Trace 1: MAX PEAK
Transducer: CON_EMI

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp Input
150.000000 kHz	30.000000 MHz	4.00 kHz	9.00 kHz	100 µs	Auto	0 dB INPUT1



Freq	QP	AV
0.156	37.6	20.2
0.234	33.2	17.8
4.330	24.4	15.0
0.362	33.0	22.5

CONDUCTED EMISSION

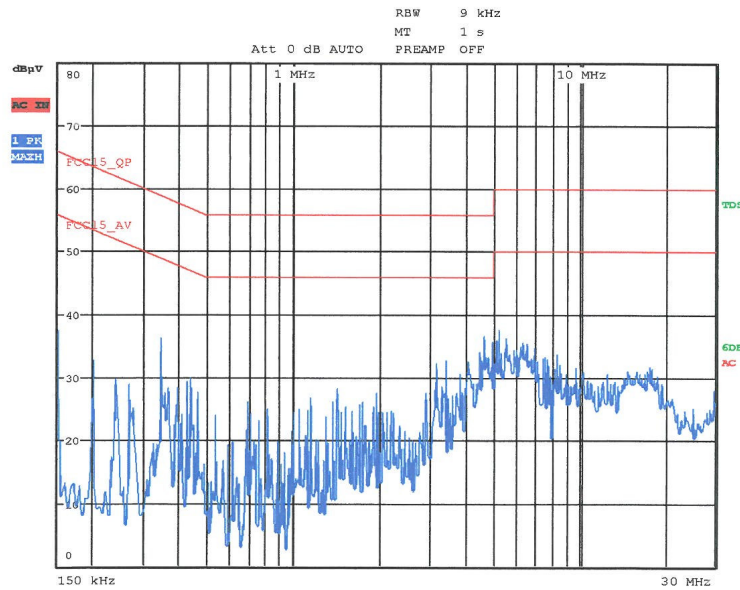
28.Feb 11 14:21

Job / Record No. TUV220211B04.PK
 Equipment under Test SENNHEISER/ BTHS/ VMX200/ 00110121110-001,00110121111-001,00110121102-003
 Ant. Pol./h/Range N
 Test Spec./ Std FCC P15
 Operator TING
 Operation Condition
 AC 100V 60Hz

Stepped Scan (1 Range)

Scan Start: 150 kHz
 Scan Stop: 30 MHz
 Detector: Trace 1: MAX PEAK
 Transducer: CON_EMI

Start Frequency	Stop Frequency	Step Size	Res BW	Meas Time	RF Atten	Preamp	Input
150.000000 kHz	30.000000 MHz	4.00 kHz	9.00 kHz	100 µs	Auto	0 dB	INPUT1



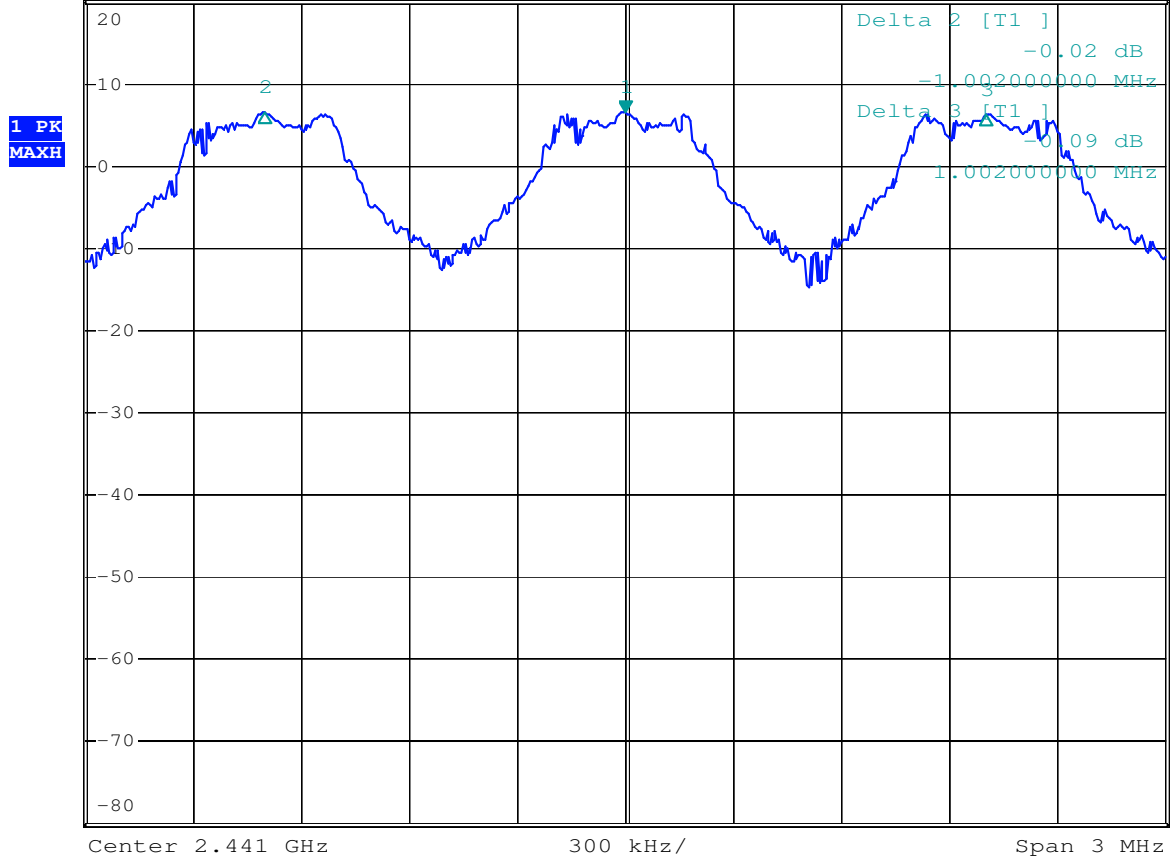
Freq	QP	AV
0.150	36.4	18.4
0.186	33.4	15.0
0.356	33.9	20.7
4.642	28.1	15.4

Carrier Frequency Separation



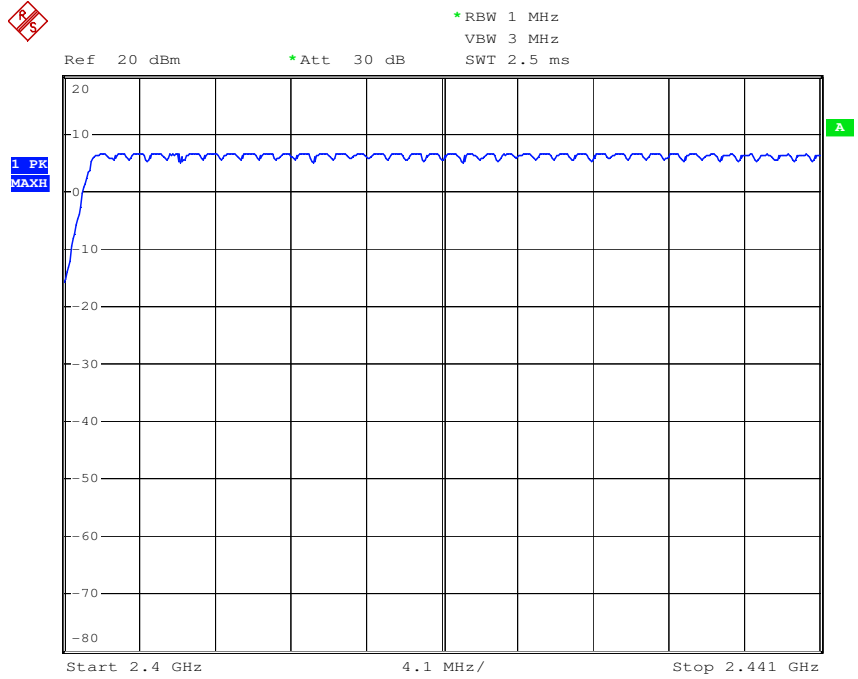
MARKER 1
2.441 GHz
Ref 20 dBm *Att 30 dB

*RBW 100 kHz Marker 1 [T1]
VBW 300 kHz 6.40 dBm
SWT 2.5 ms 2.441000000 GHz

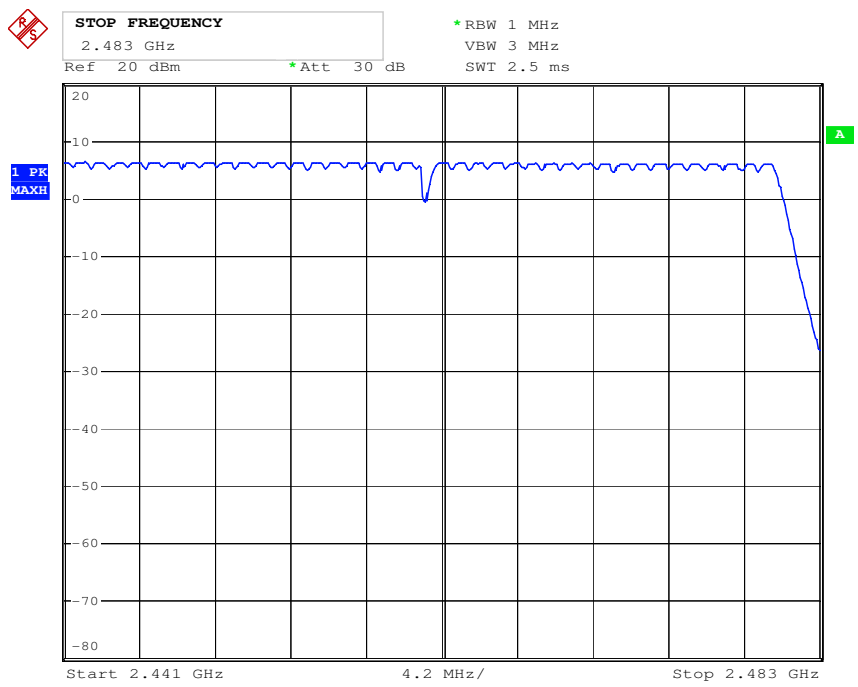


Date: 15.FEB.2011 15:33:02

Number of hopping channels

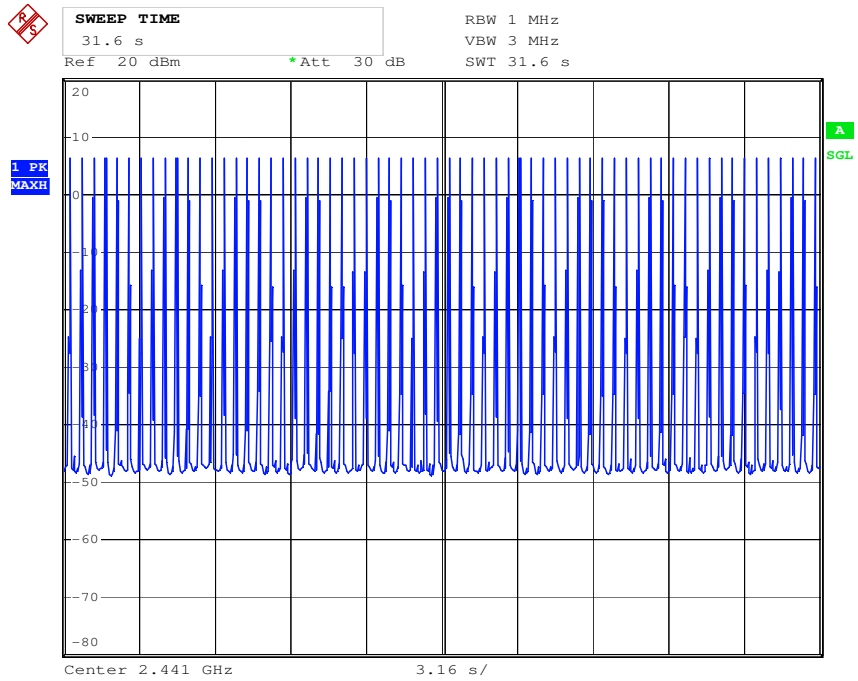


Date: 15.FEB.2011 15:35:54

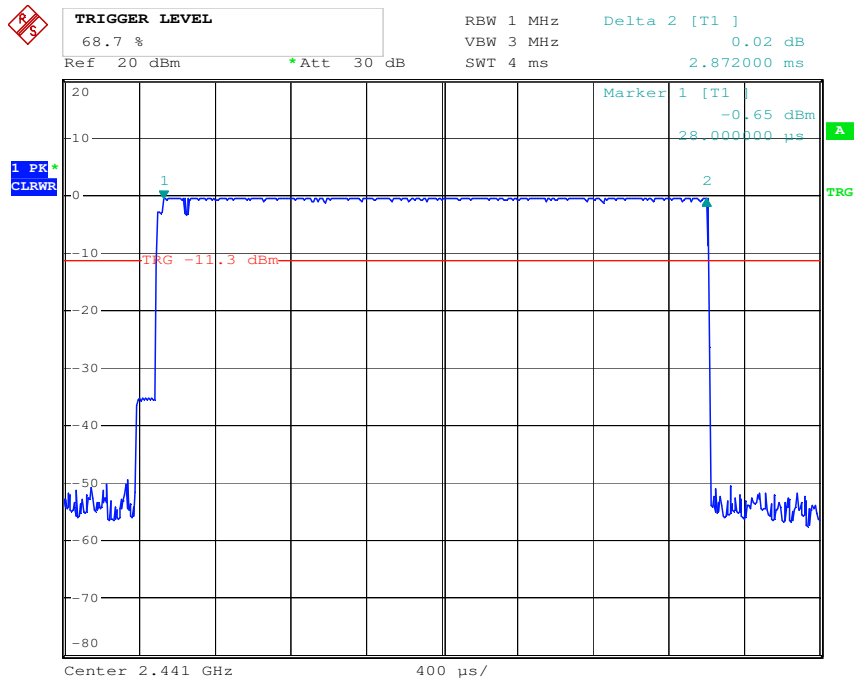


Date: 15.FEB.2011 15:36:58

Dwell Time



Date: 15.FEB.2011 15:42:16

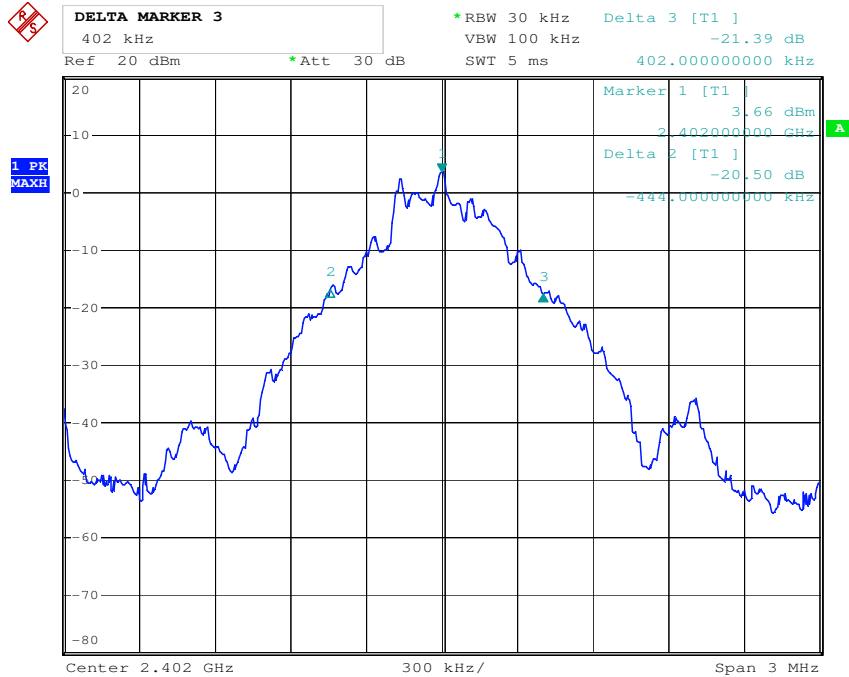


Date: 15.FEB.2011 15:45:56

20dB Bandwidth

Modulation: GFSK

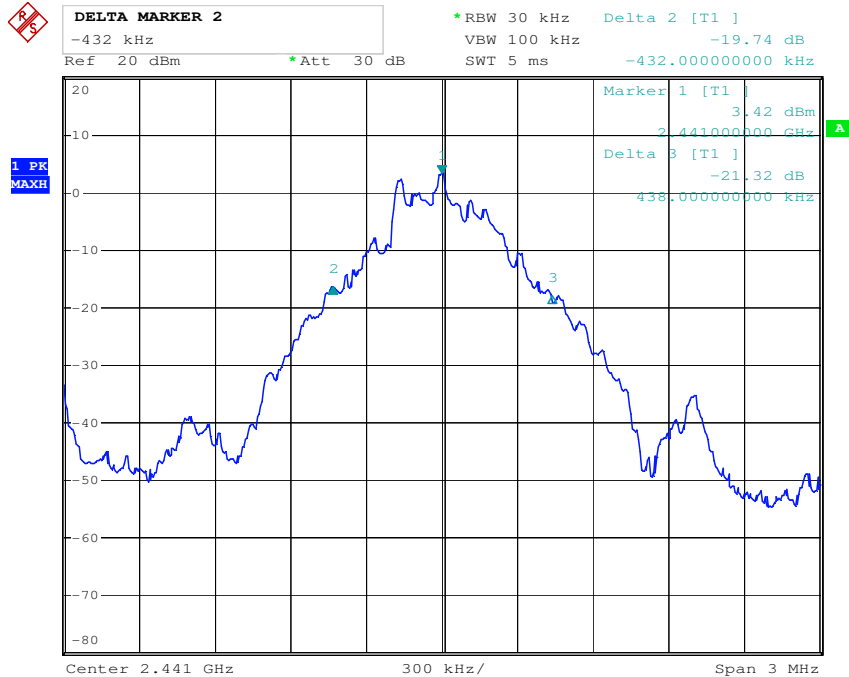
Tx frequency: 2402MHz



Date: 15.FEB.2011 15:57:12

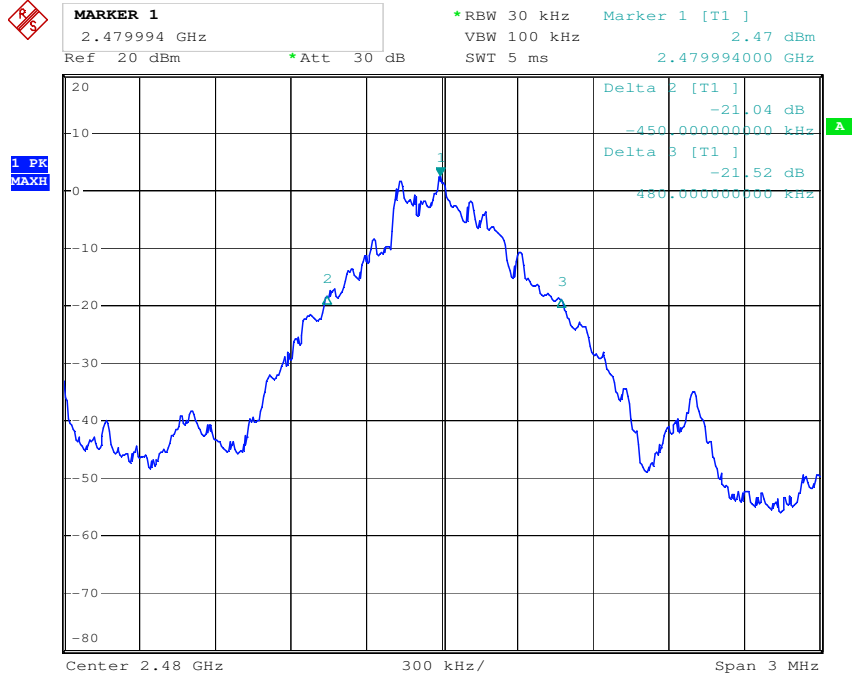
Modulation: GFSK

Tx frequency: 2441MHz



Date: 15.FEB.2011 15:58:40

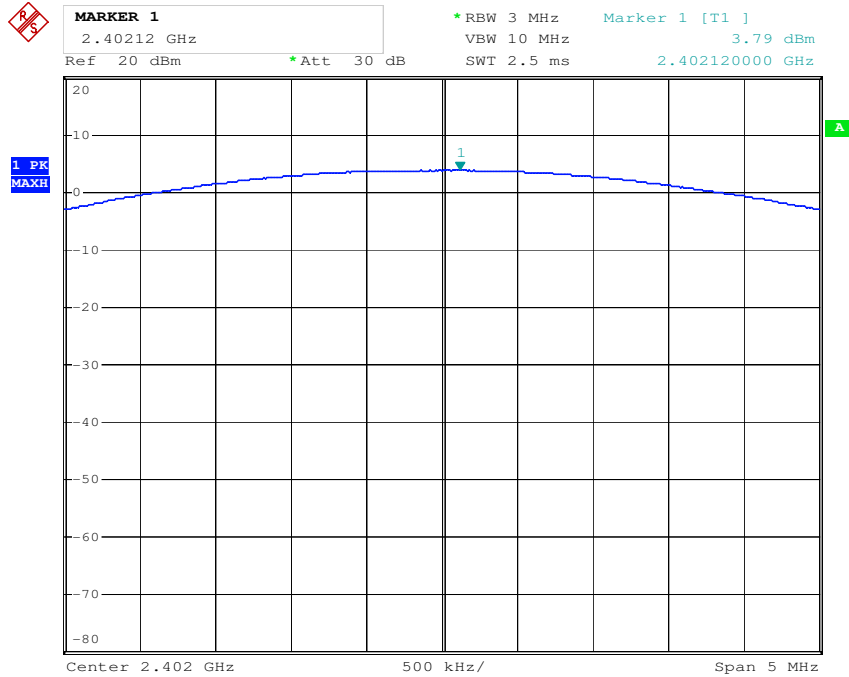
Modulation: GFSK
Tx frequency: 2480MHz



Date: 15.FEB.2011 16:00:20

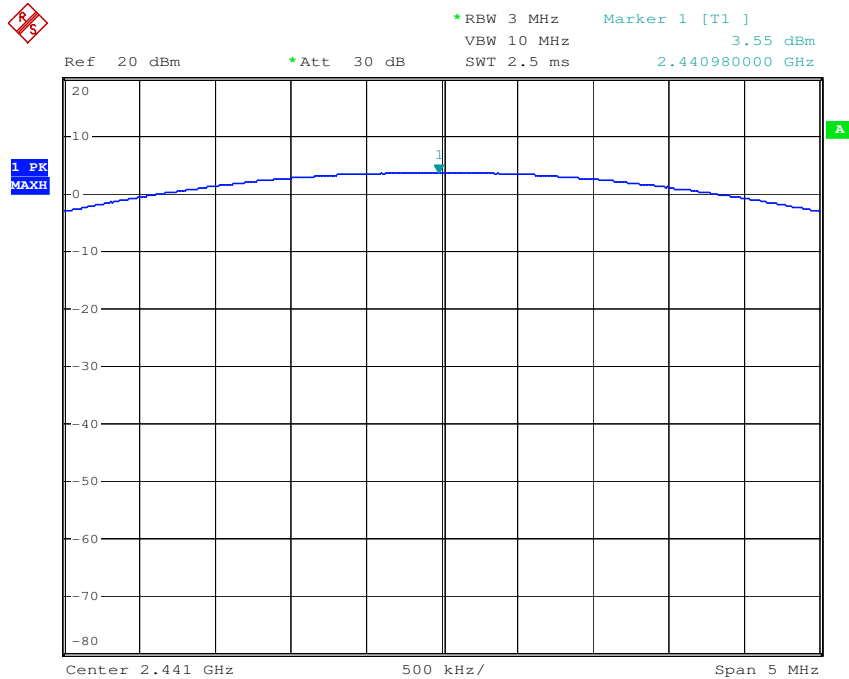
Peak Output Power

Modulation: GFSK
Tx frequency: 2402MHz



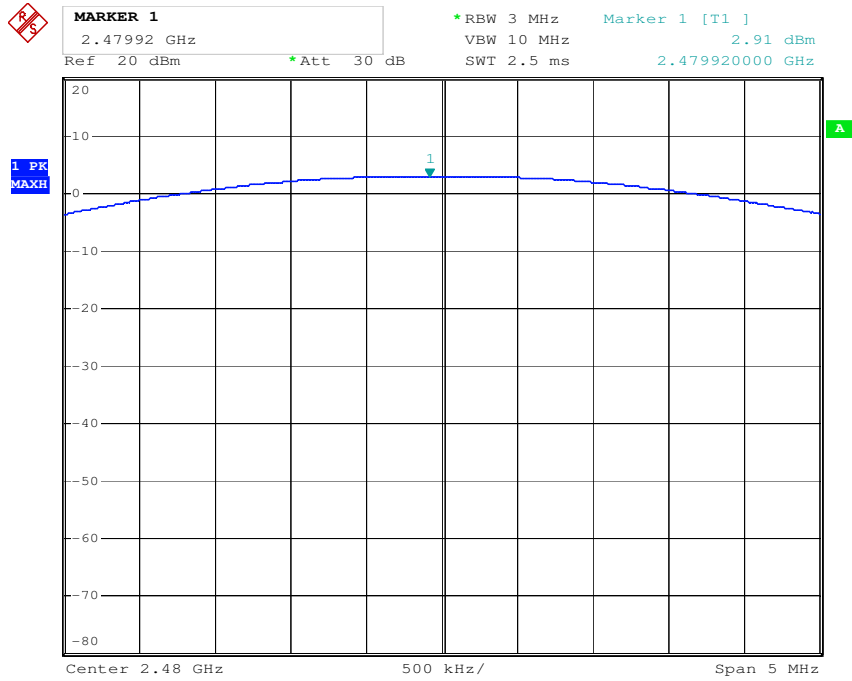
Date: 15.FEB.2011 16:08:40

Modulation: GFSK
Tx frequency: 2441MHz



Date: 15.FEB.2011 16:07:55

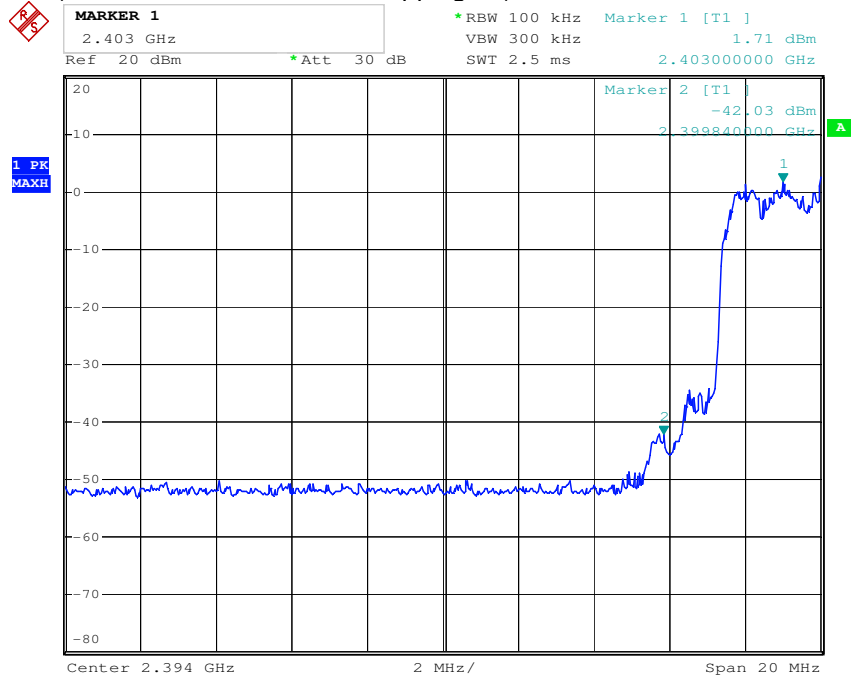
Modulation: GFSK
Tx frequency: 2480MHz



Date: 15.FEB.2011 16:04:51

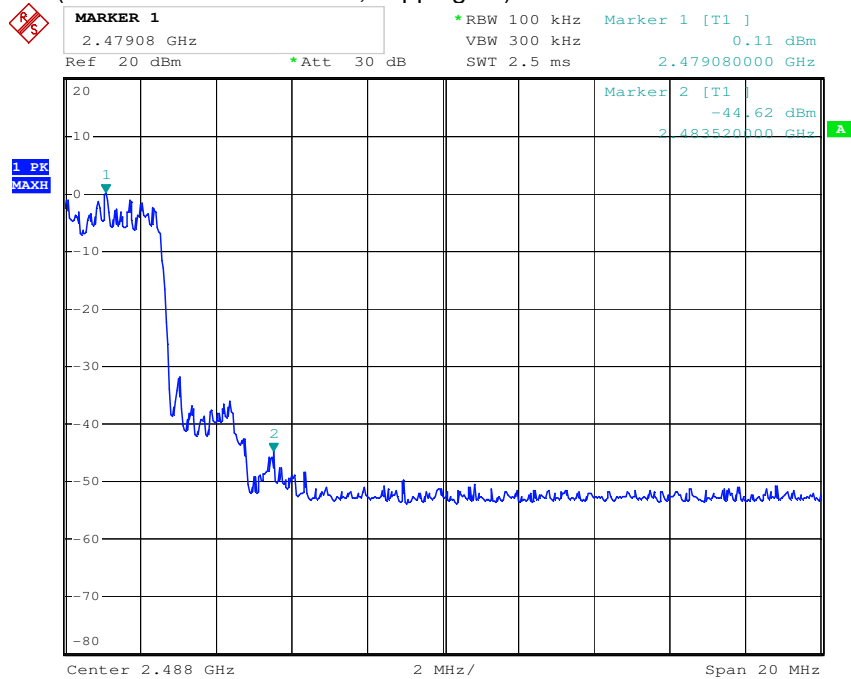
Band Edge Compliance

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



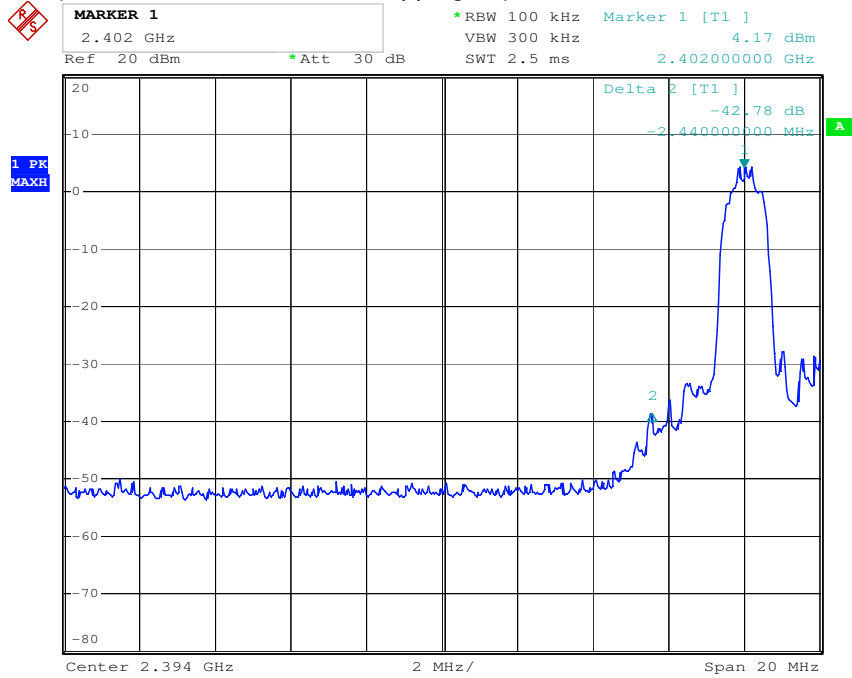
Date: 15.FEB.2011 16:19:31

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



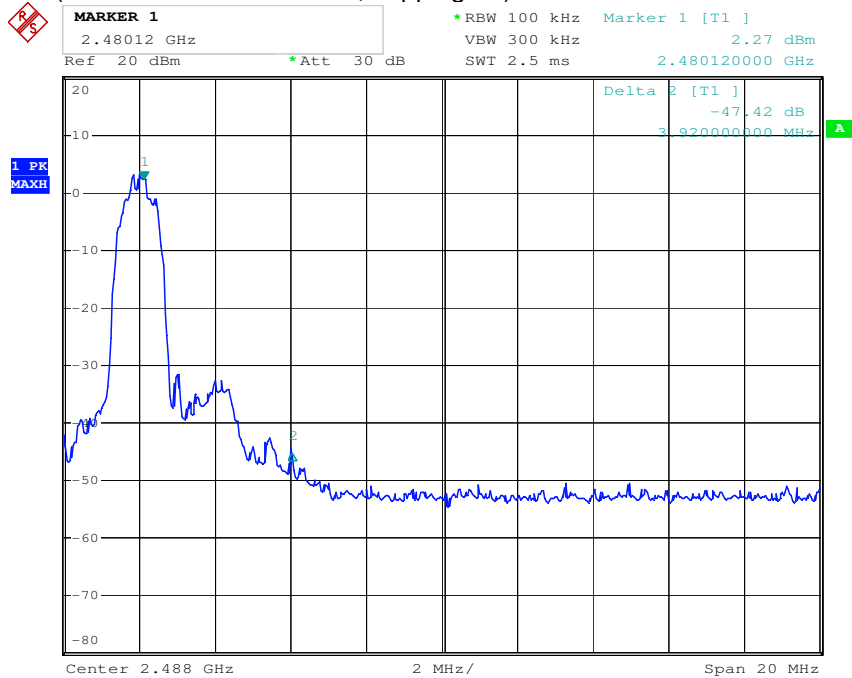
Date: 15.FEB.2011 16:20:54

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



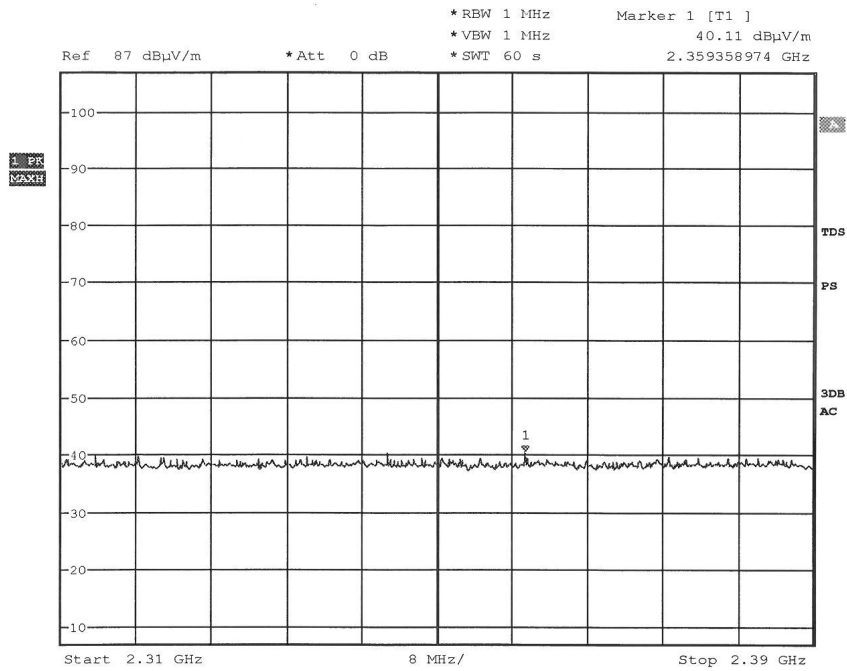
Date: 15.FEB.2011 16:22:30

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

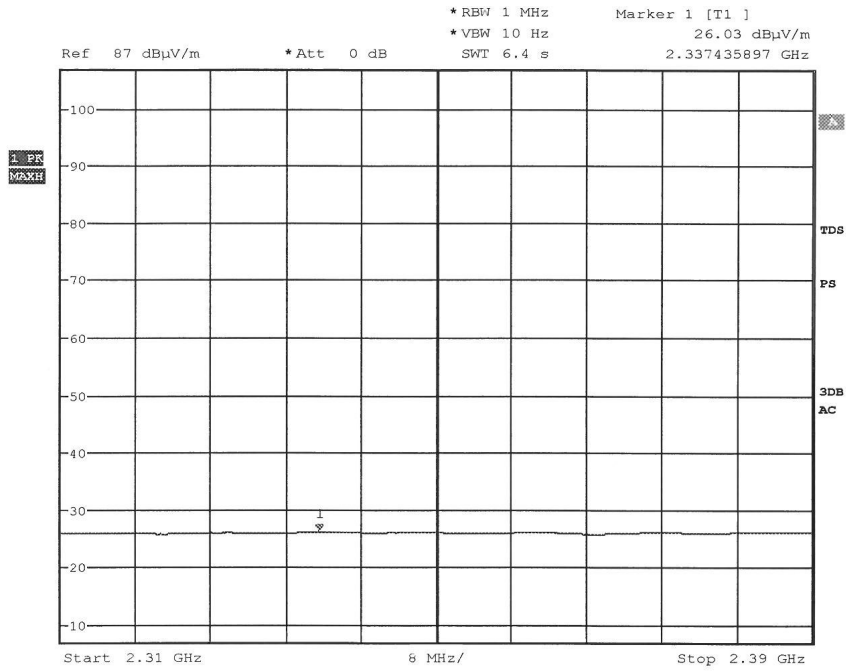


Date: 15.FEB.2011 16:23:39

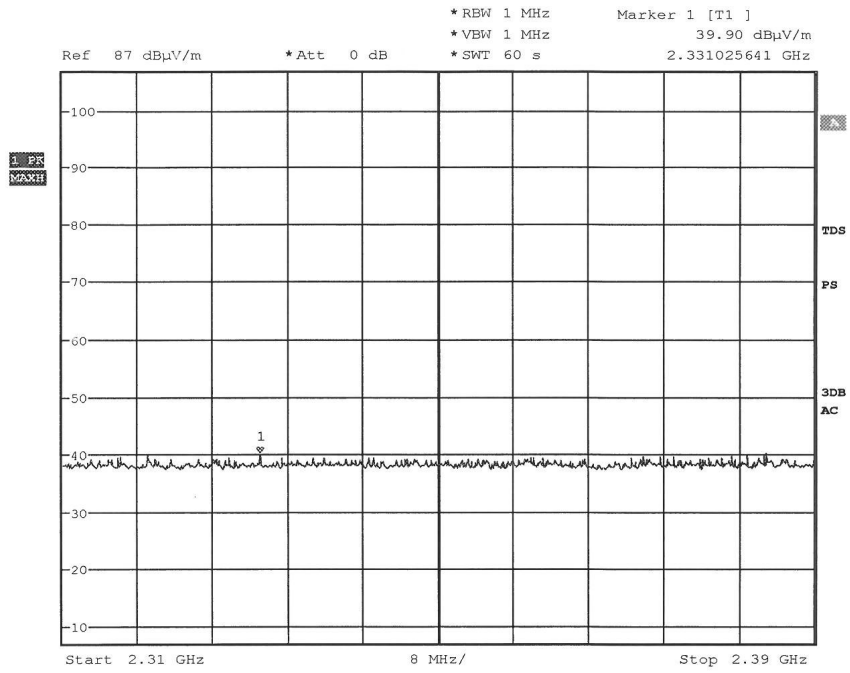
Tx frequency: 2402MHz (radiated measurement)



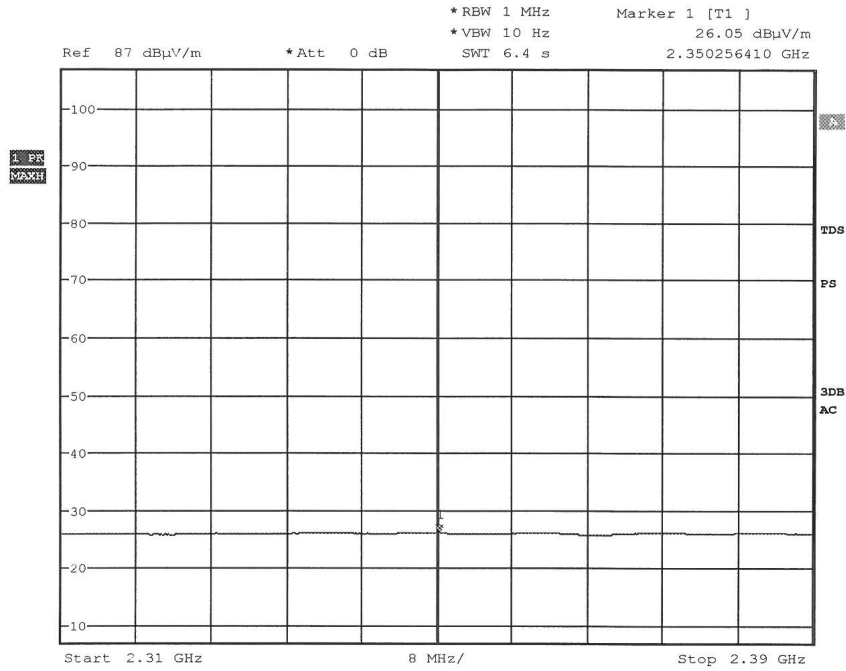
SENNHEISER / BTHS/ VMX200 / 00110121104-003/ VERT./ 2402MHz
Date: 10.FEB.2011 12:29:39



SENNHEISER / BTHS/ VMX200 / 00110121104-003/ VERT./ 2402MHz
Date: 10.FEB.2011 12:31:41

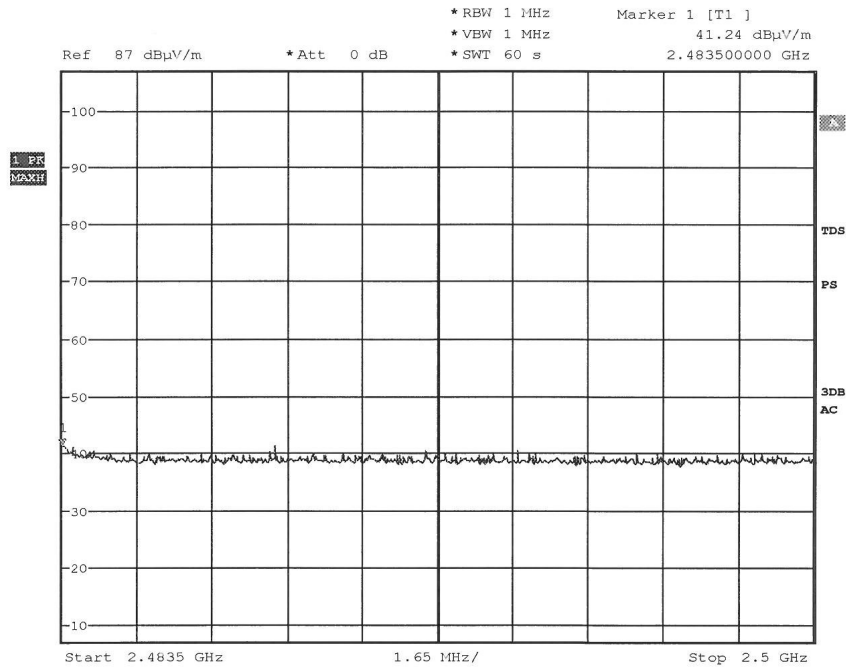


SENNHEISER / BTHS/ VMX200 / 00110121104-003/ HORI./ 2402MHz
Date: 10.FEB.2011 12:27:08



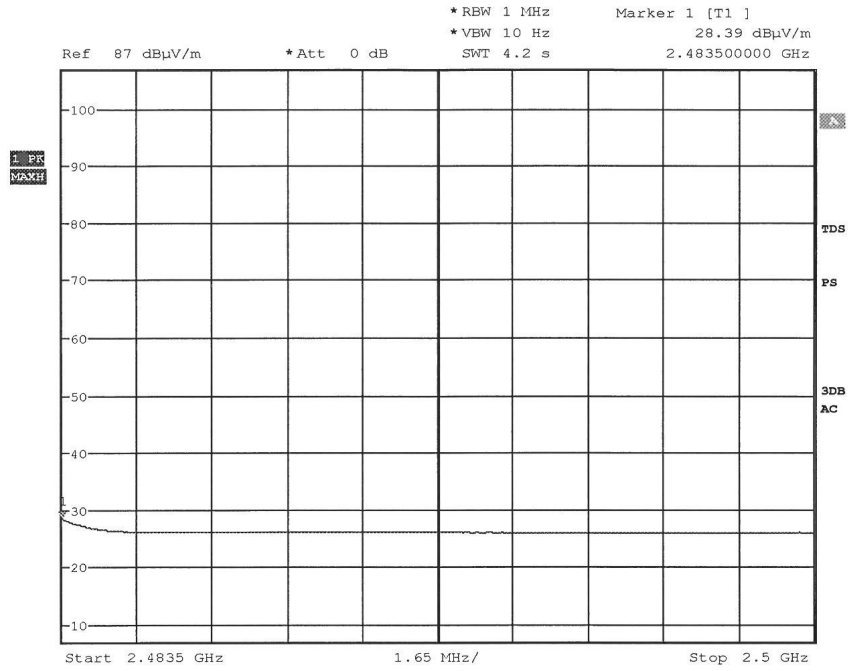
SENNHEISER / BTHS/ VMX200 / 00110121104-003/ HORI./ 2402MHz
Date: 10.FEB.2011 12:27:27

Tx frequency: 2480MHz (radiated measurement)

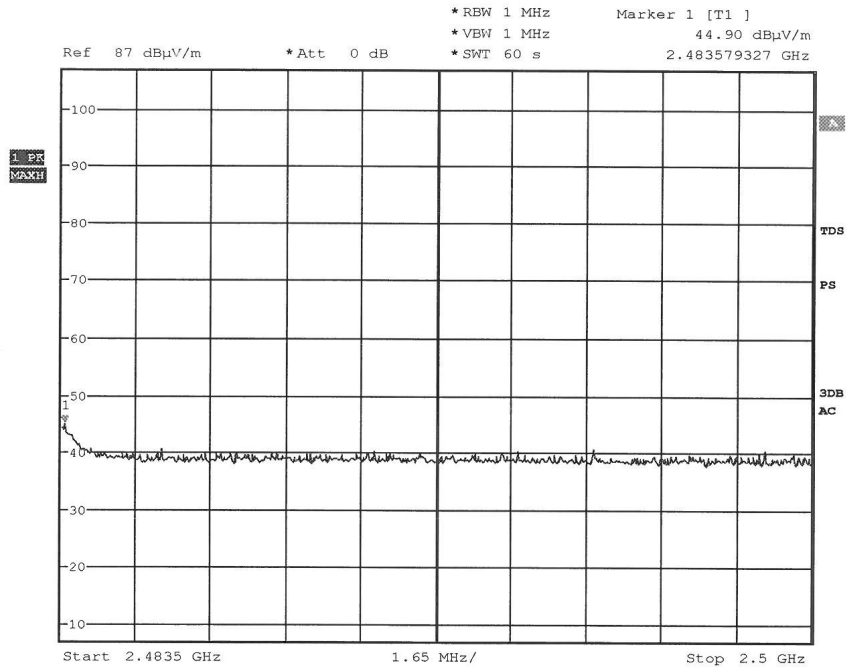


SENNHEISER / BTHS/ VMX200 / 00110121104-003/ VERT./ 2480MHz

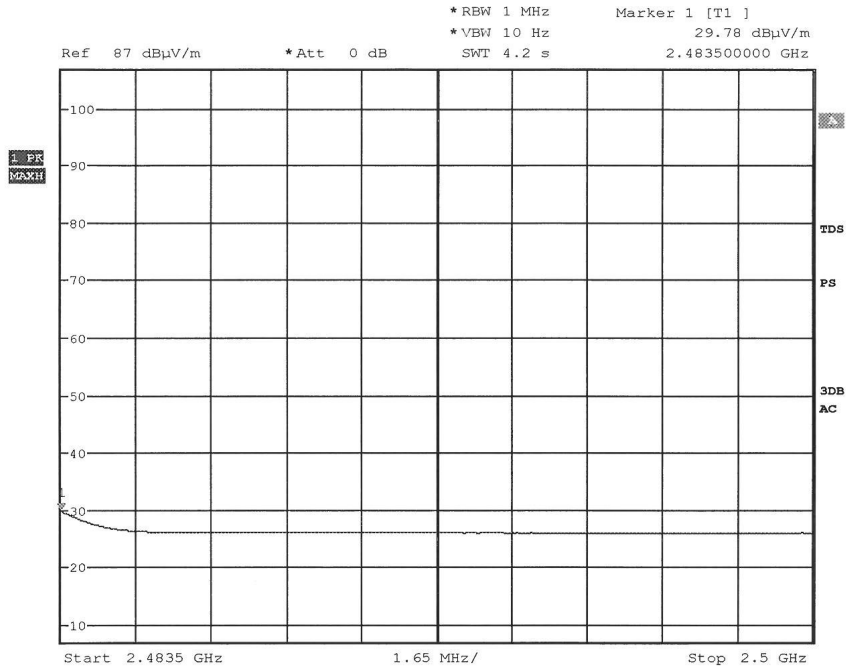
Date: 10.FEB.2011 13:34:47



SENNHEISER / BTHS/ VMX200 / 00110121104-003/ VERT./ 2480MHz
Date: 10.FEB.2011 13:35:00



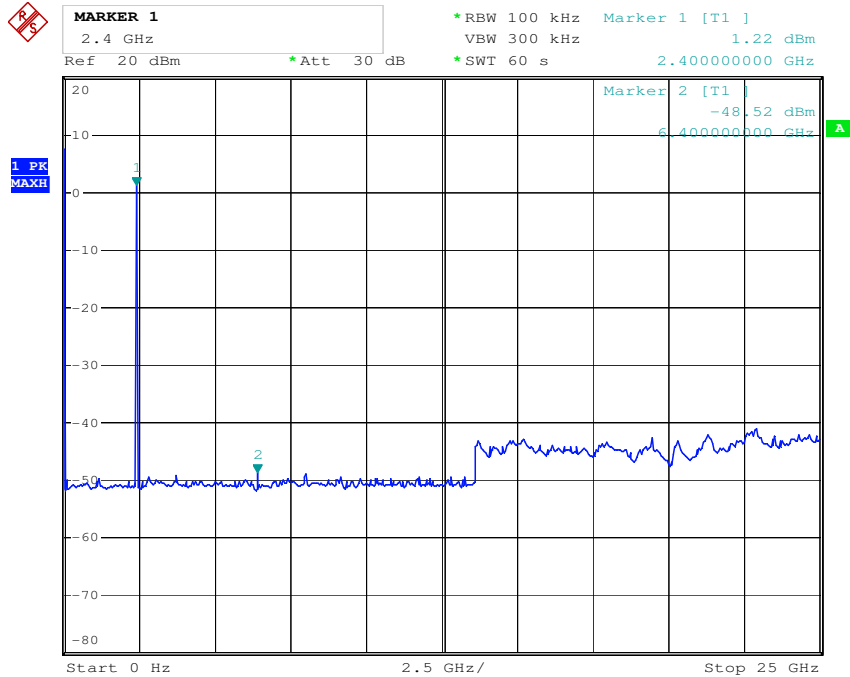
SENNHEISER / BTHS/ VMX200 / 00110121104-003/ HORI./ 2480MHz
Date: 10.FEB.2011 13:36:10



SENNHEISER / BTHS/ VMX200 / 00110121104-003/ HORI./ 2480MHz
Date: 10.FEB.2011 13:36:27

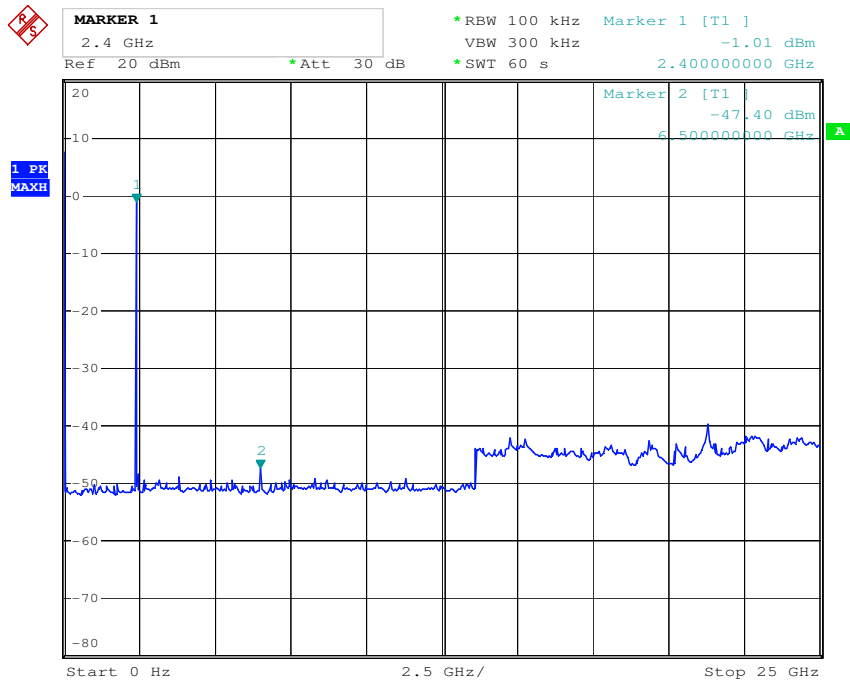
Spurious Emissions - Conducted

Tx frequency: 2402MHz



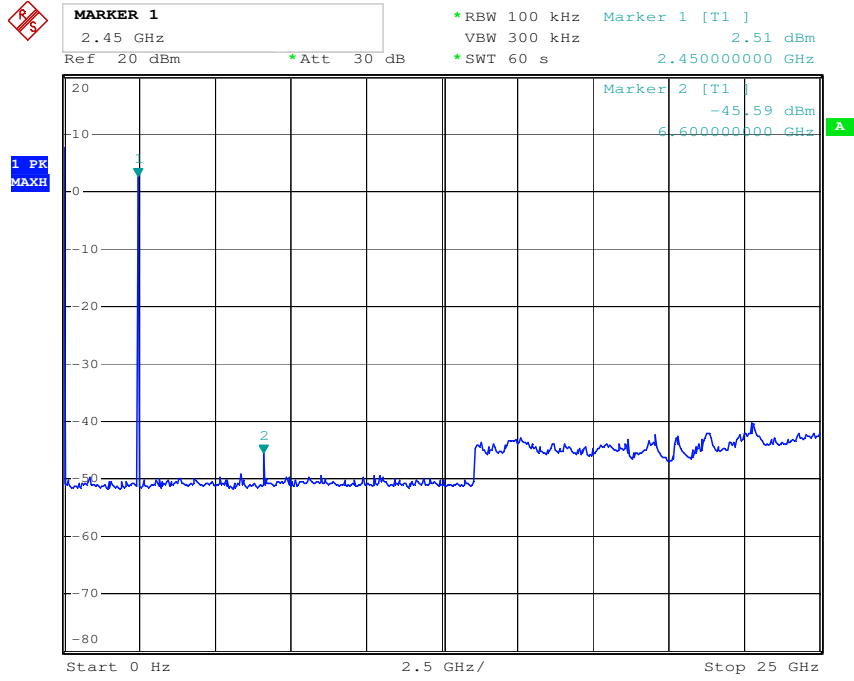
Date: 15.FEB.2011 16:34:51

Tx frequency: 2441MHz



Date: 15.FEB.2011 16:31:46

Tx frequency: 2480MHz



Date: 15.FEB.2011 16:29:03