

Appendix 1

Test Results

Disturbance Voltage on AC Mains

CONDUCTED EMISSION

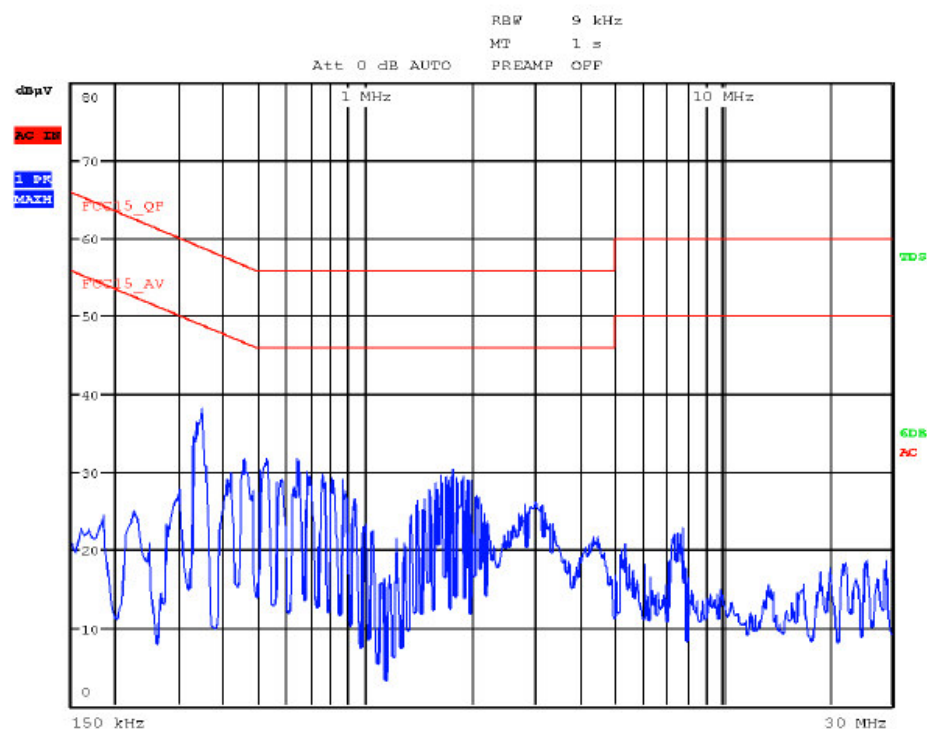
20.Jan 11 11:08

Job / Record No. TUV140111B05.PK
Equipment under Test BLUETREK/ BT HEADSET/ CARBON/ 00110111199-002
Ant. Pol./h/Range L
Test Spec./ Std FCC P15
Operator TING
Operation Condition
 100V 60Hz; MUSIC PLAYING + CHARGING MODE

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 μ s	Auto	0 dB	INPUT1



CONDUCTED EMISSION

20.Jan 11 11:16

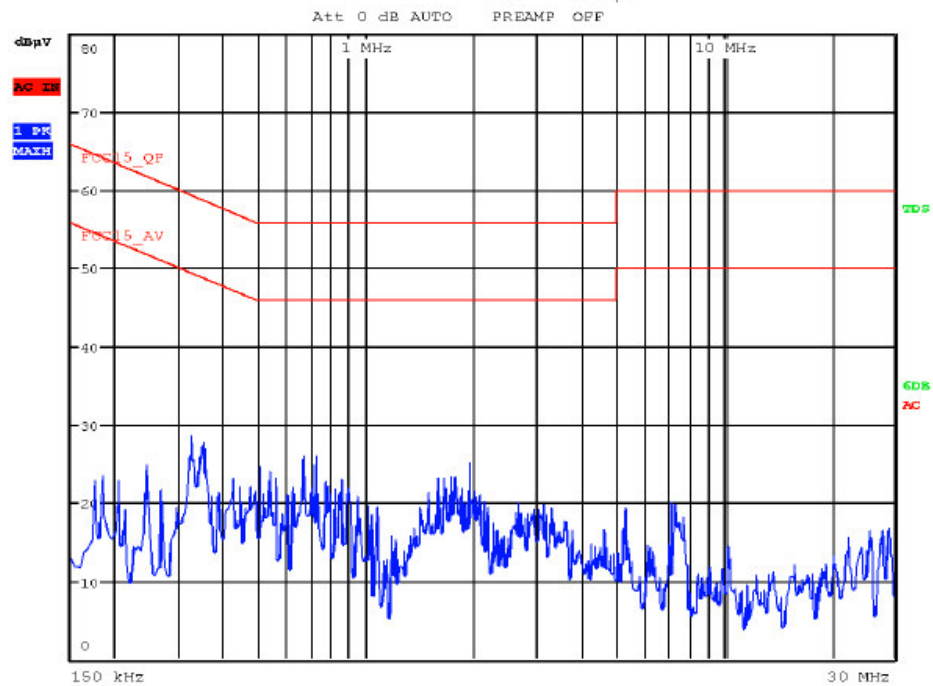
Job / Record No. TUV140111B06.PK
Equipment under Test BLUETREK/ BT HEADSET/ CARBON/ 00110111199-002
Ant. Pol./h/Range N
Test Spec./ Std FCC P15
Operator TING
Operation Condition
 100V 60Hz; MUSIC PLAYING + CHARGING MODE

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 μ s	Auto	0 dB	INPUT1

RBW 9 kHz
 MT 100 μ s
 PREAMP OFF



Carrier Frequency Separation

**MARKER 1**

2.441 GHz

Ref 10 dBm

*Att 30 dB

RBW 100 kHz

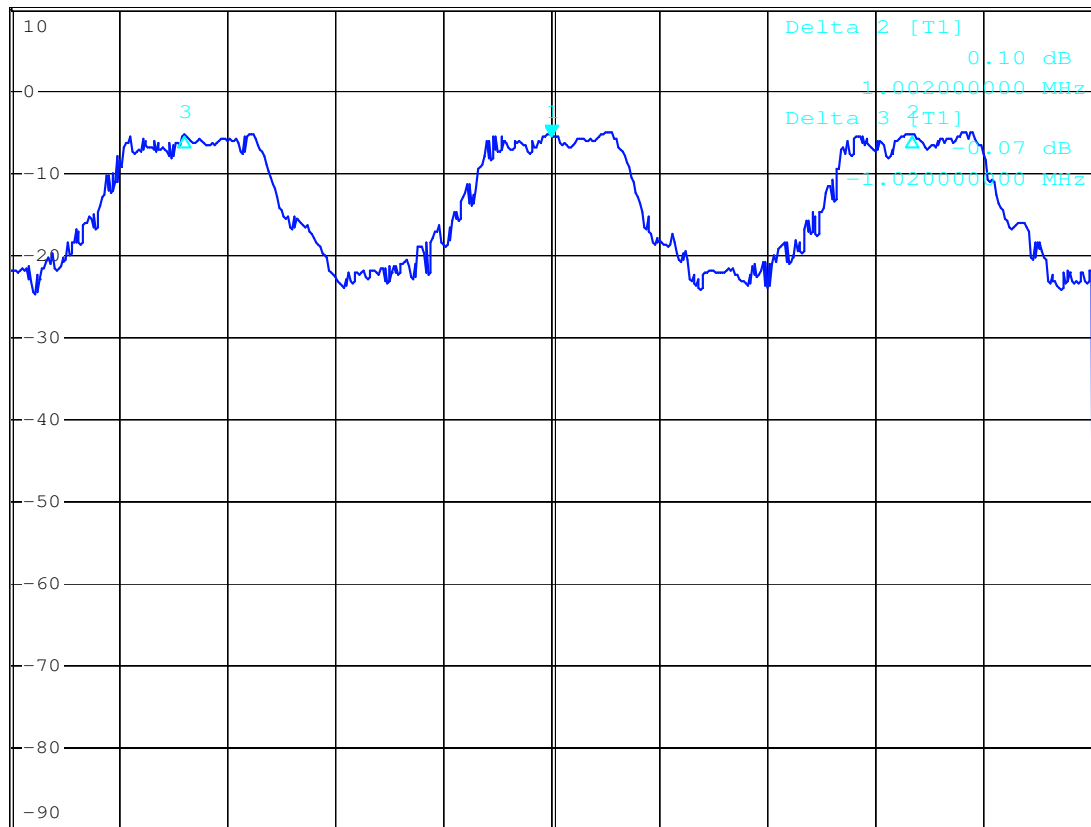
VBW 300 kHz

SWT 2.5 ms

Marker 1 [T1]

-5.33 dBm

2.441000000 GHz

1 PK
MAXH

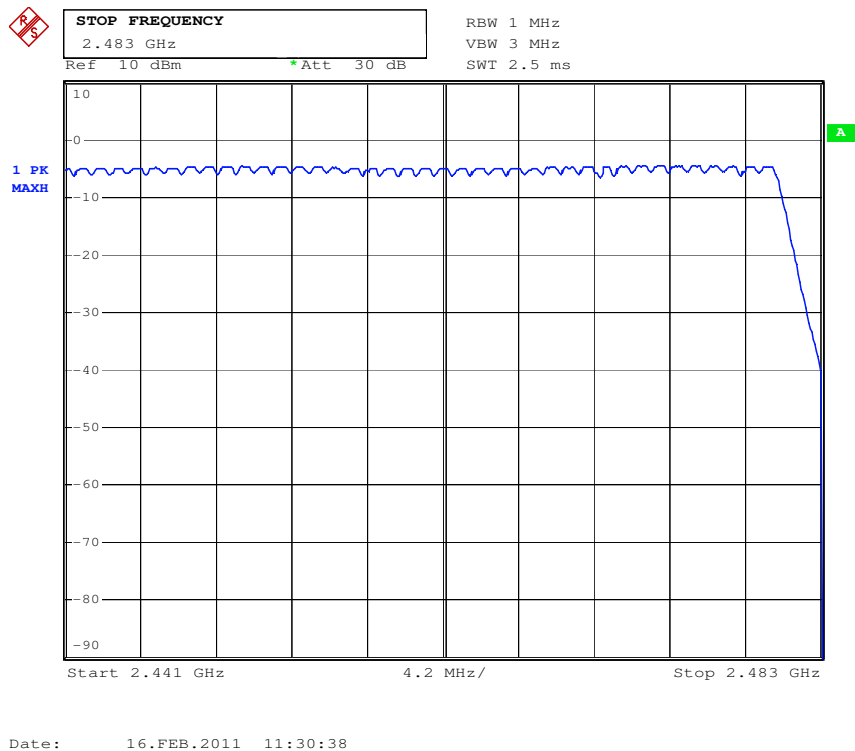
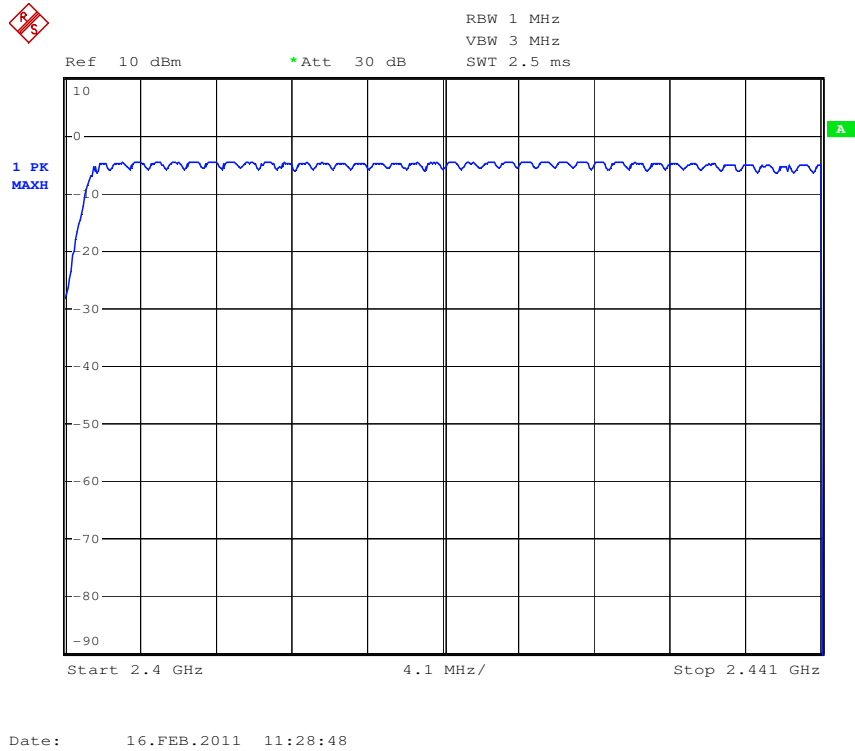
Center 2.441 GHz

300 kHz/

Span 3 MHz

Date: 16.FEB.2011 11:25:06

Number of hopping channels



Dwell Time



SWEEP TIME

31.6 s

Ref 10 dBm

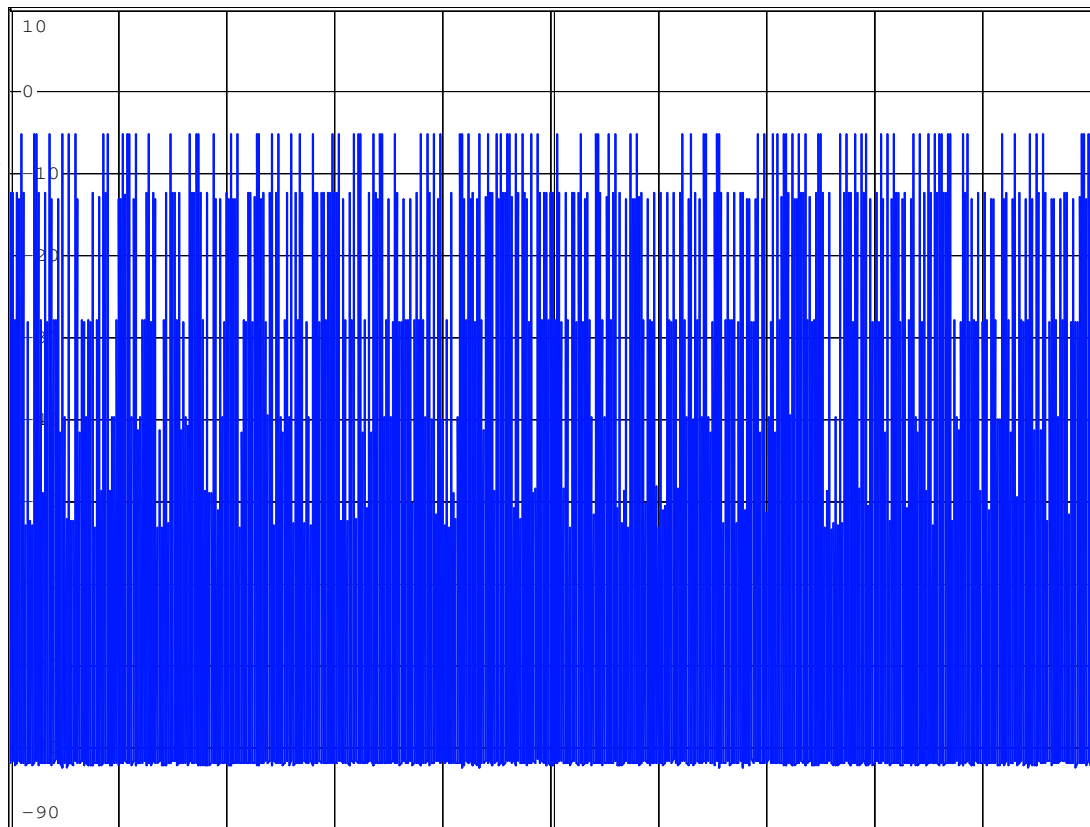
*Att 30 dB

RBW 1 MHz

VBW 3 MHz

SWT 31.6 s

1 AP
CLRWR

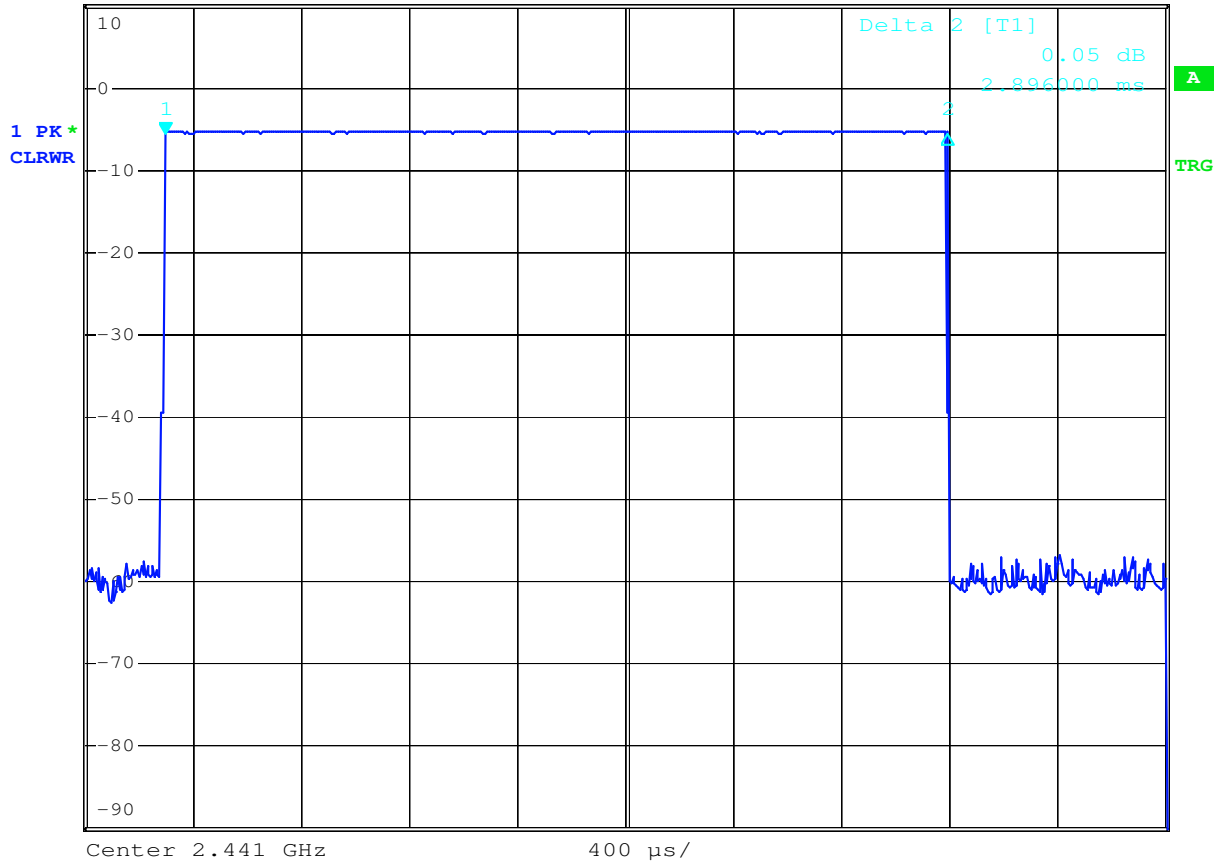


Date: 16.FEB.2011 11:36:14



MARKER 1
500 ns
Ref 10 dBm *Att 30 dB

RBW 1 MHz Marker 1 [T1]
VBW 3 MHz -5.34 dBm
SWT 4 ms 500.000000 ns

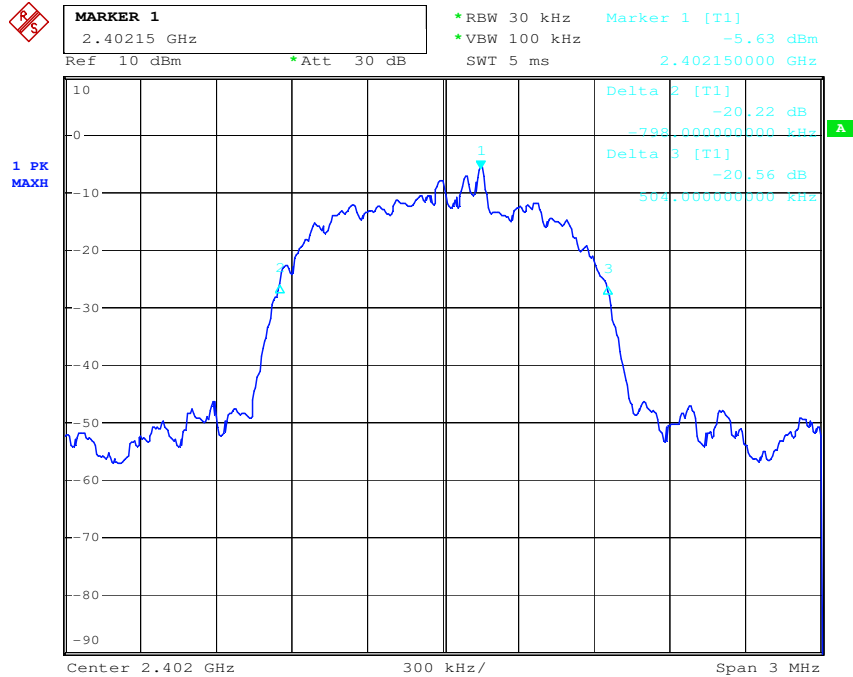


Date: 16.FEB.2011 11:37:53

20dB Bandwidth

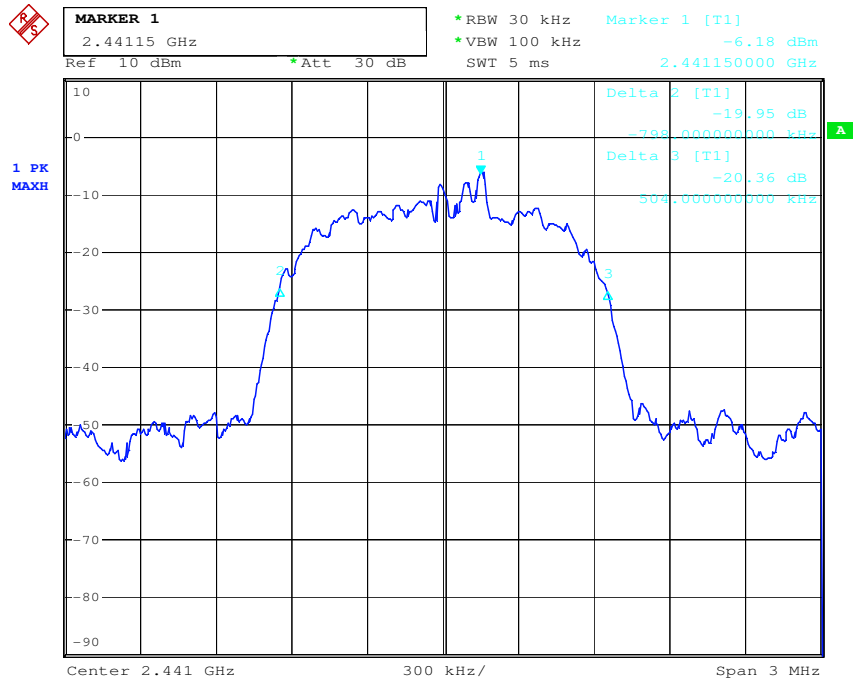
Modulation: 8 DPSK

Tx frequency: 2402MHz

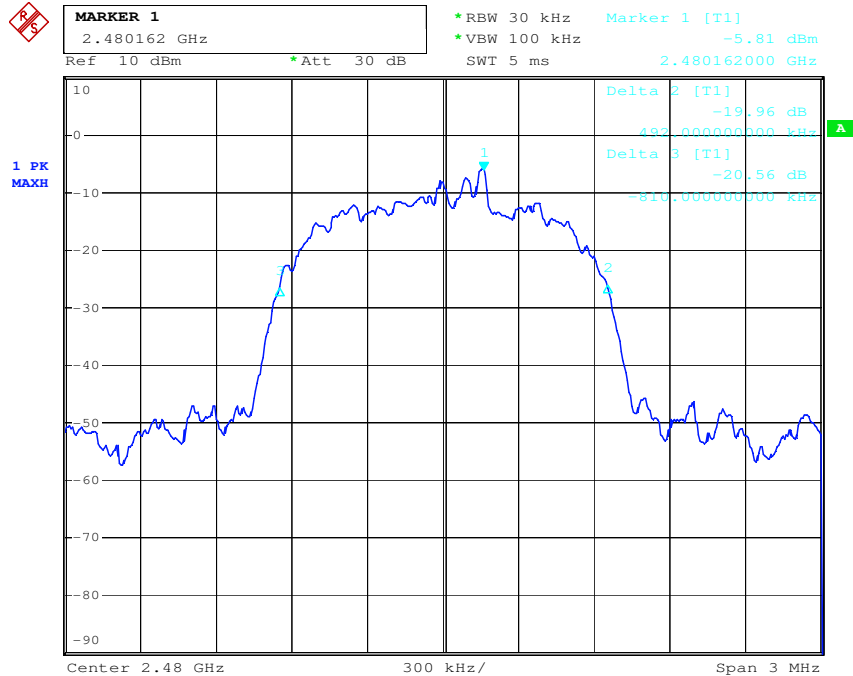


Modulation: 8 DPSK

Tx frequency: 2441MHz

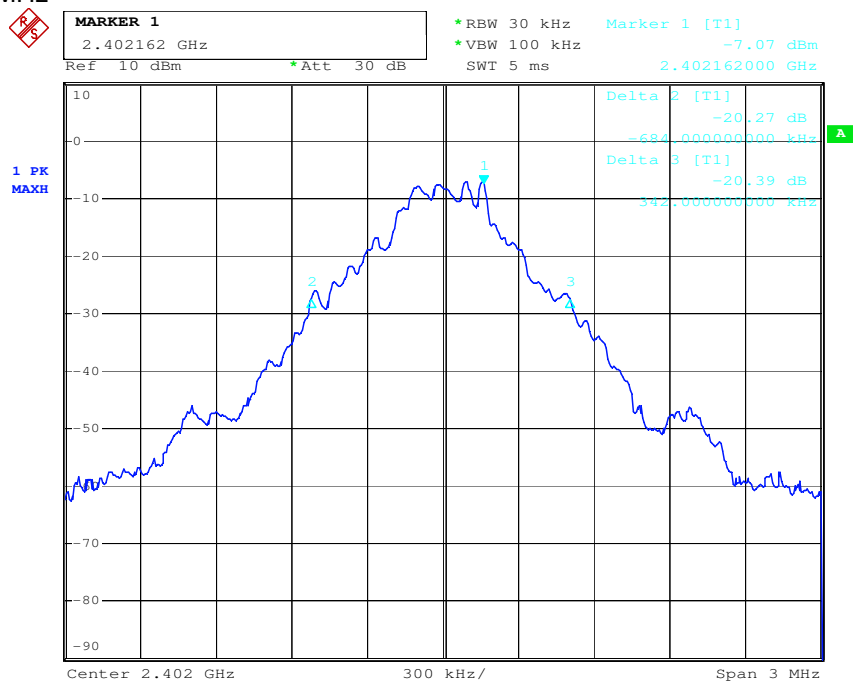


Modulation: 8 DPSK
Tx frequency: 2480MHz



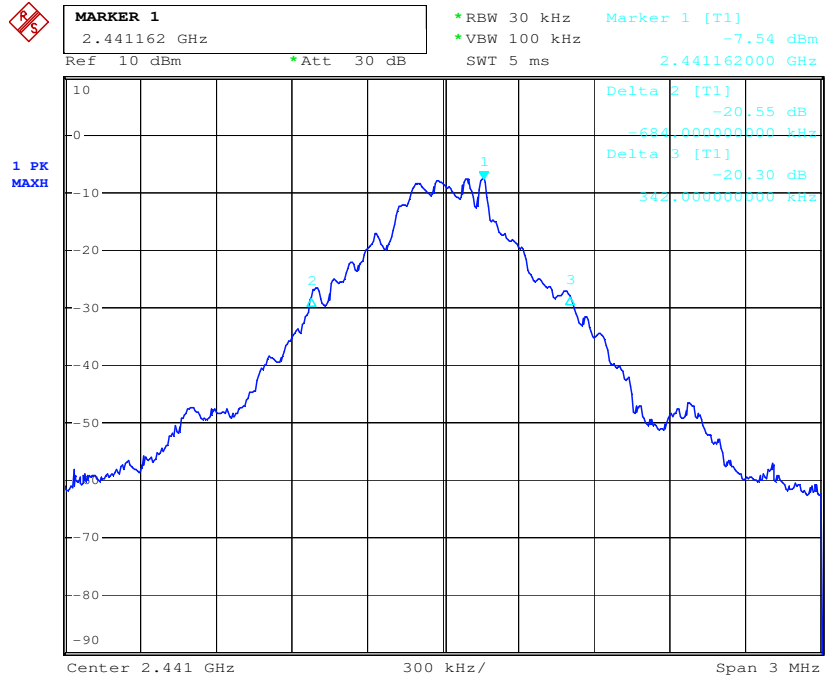
Date: 16.FEB.2011 11:47:31

Modulation: GFSK
Tx frequency: 2402MHz



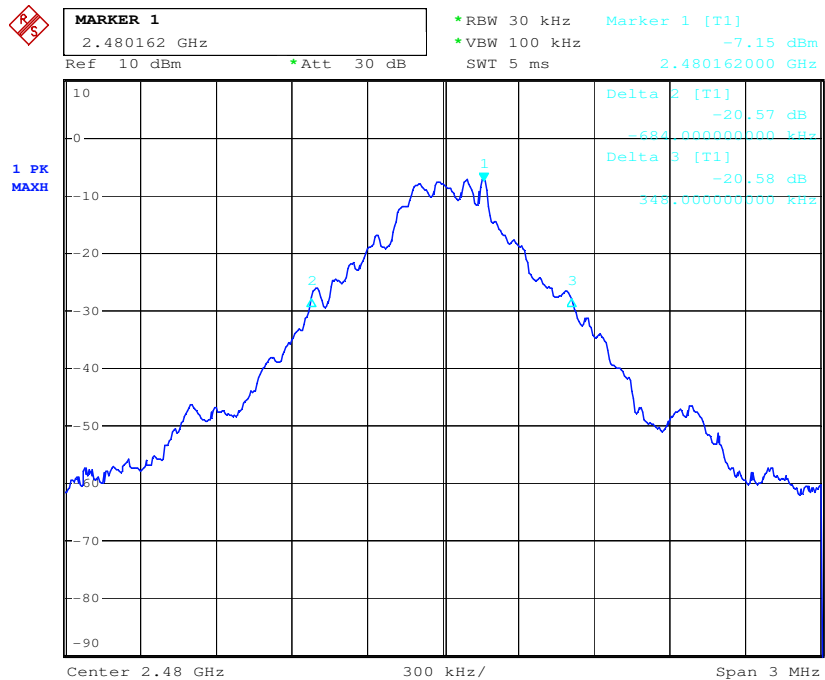
Date: 16.FEB.2011 11:40:16

Modulation: GFSK
Tx frequency: 2441MHz



Date: 16.FEB.2011 11:44:45

Modulation: GFSK
Tx frequency: 2480MHz

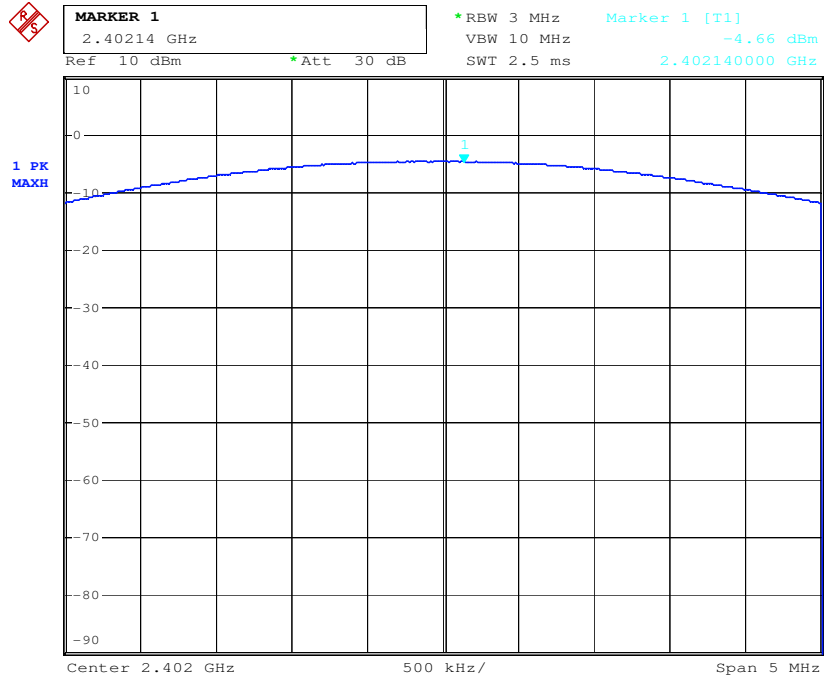


Date: 16.FEB.2011 11:46:20

Peak Output Power

Modulation: GFSK

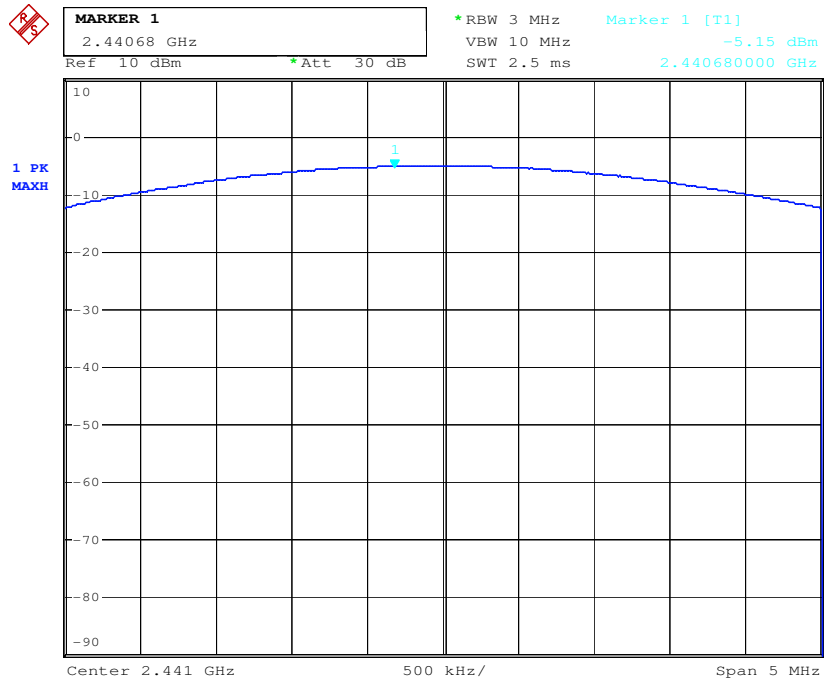
Tx frequency: 2402MHz



Date: 16.FEB.2011 11:49:31

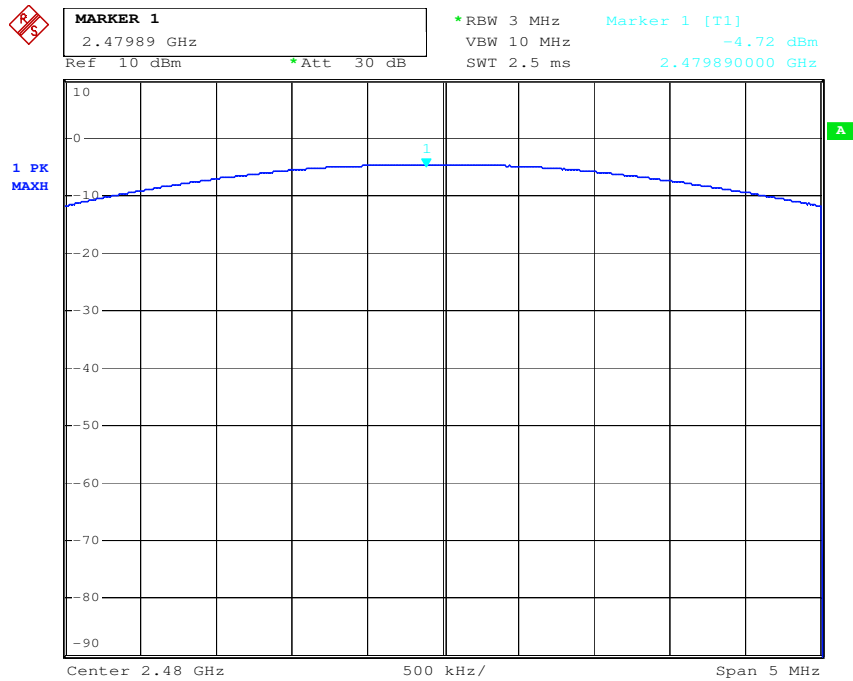
Modulation: GFSK

Tx frequency: 2441MHz



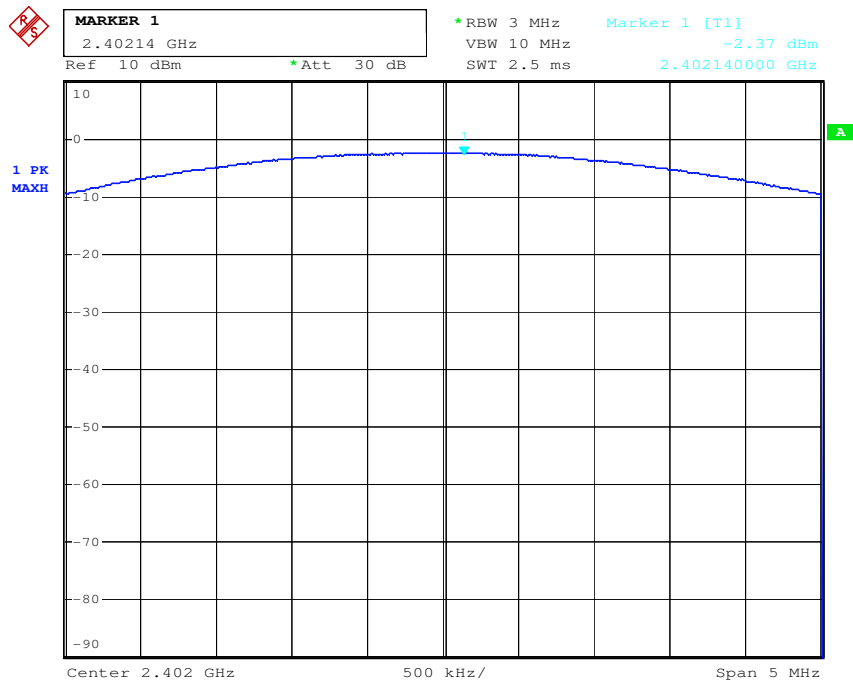
Date: 16.FEB.2011 11:52:34

Modulation: GFSK
Tx frequency: 2480MHz



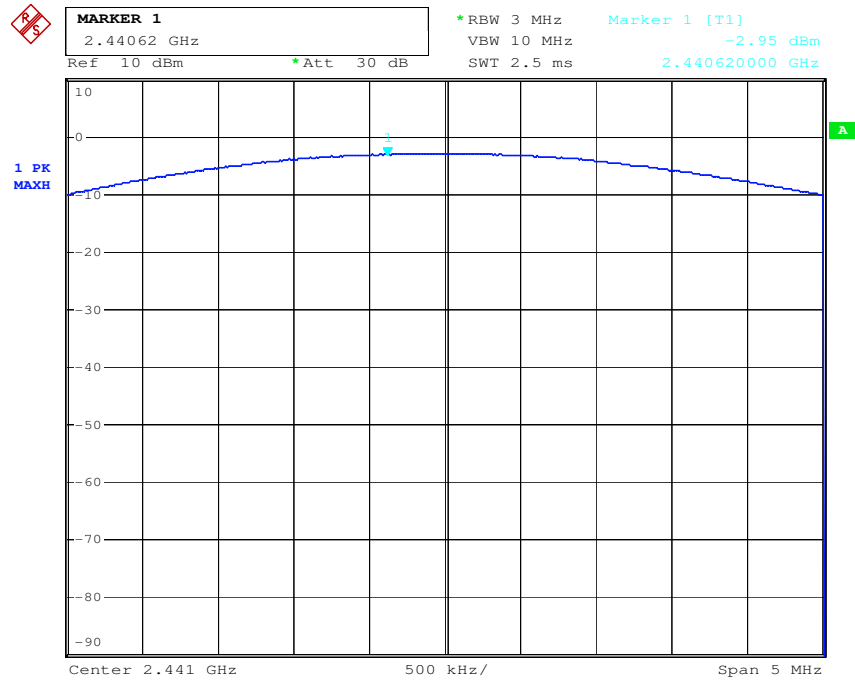
Date: 16.FEB.2011 11:53:06

Modulation: Pi/4 DQPSK
Tx frequency: 2402MHz



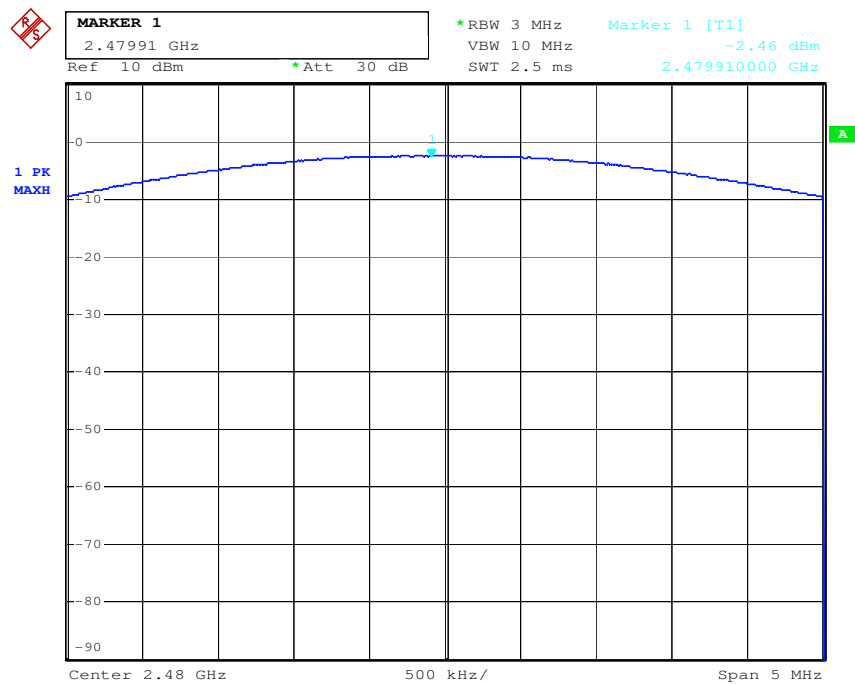
Date: 16.FEB.2011 11:50:21

Modulation: Pi/4 DQPSK
Tx frequency: 2441MHz



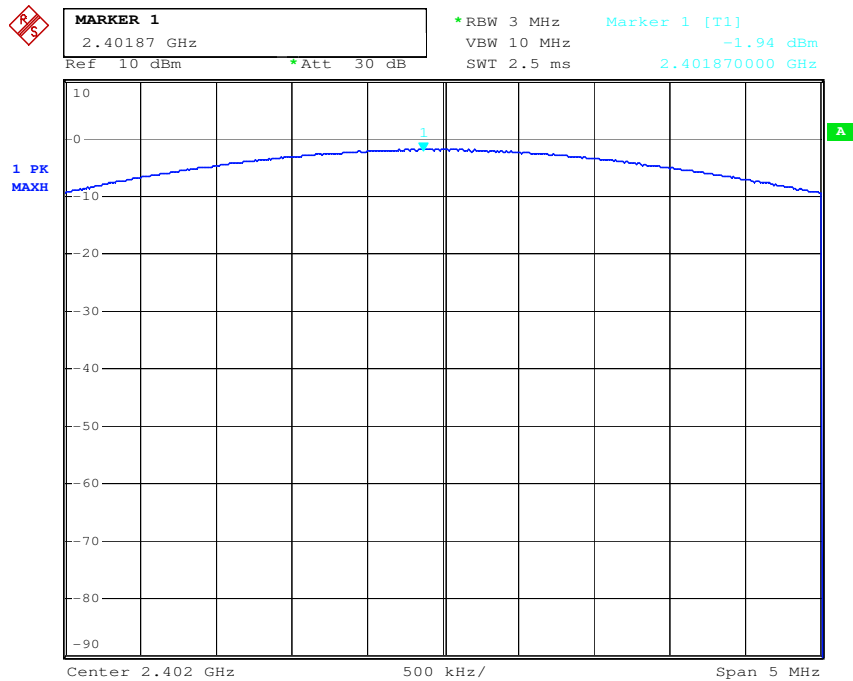
Date: 16.FEB.2011 11:51:55

Modulation: Pi/4 DQPSK
Tx frequency: 2480MHz



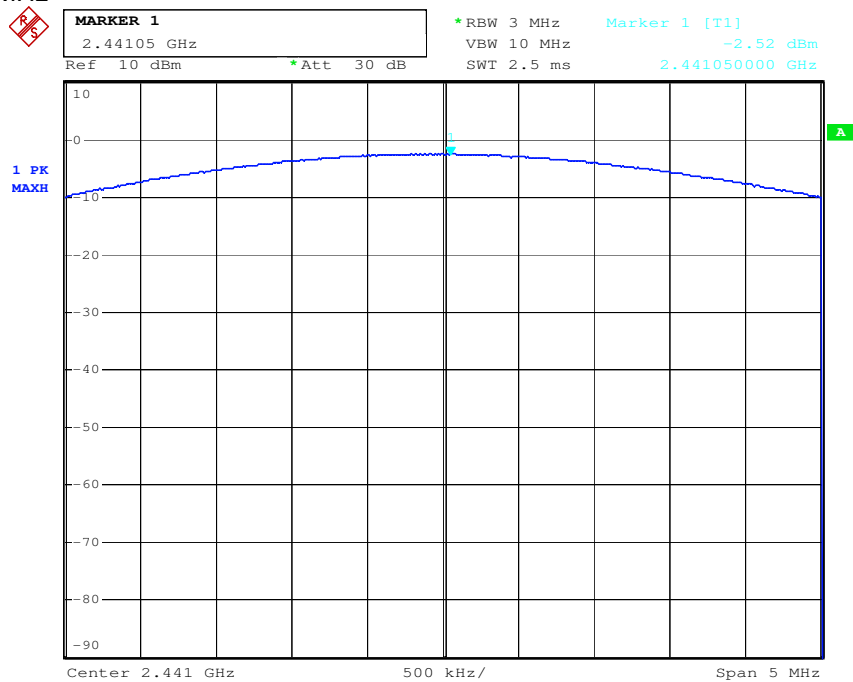
Date: 16.FEB.2011 11:53:47

Modulation: 8 DPSK
Tx frequency: 2402MHz



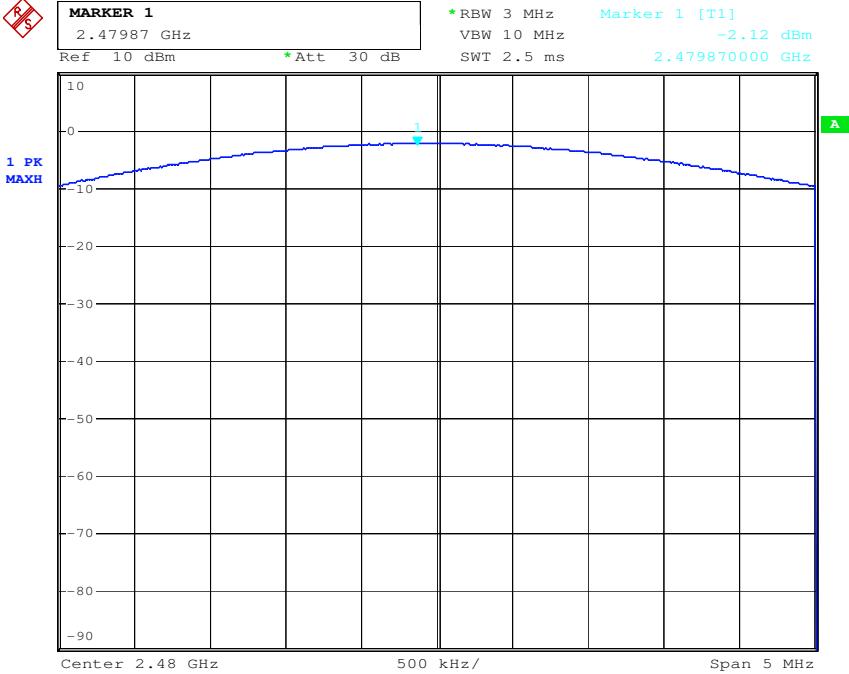
Date: 16.FEB.2011 11:51:00

Modulation: 8 DPSK
Tx frequency: 2441MHz



Date: 16.FEB.2011 11:51:27

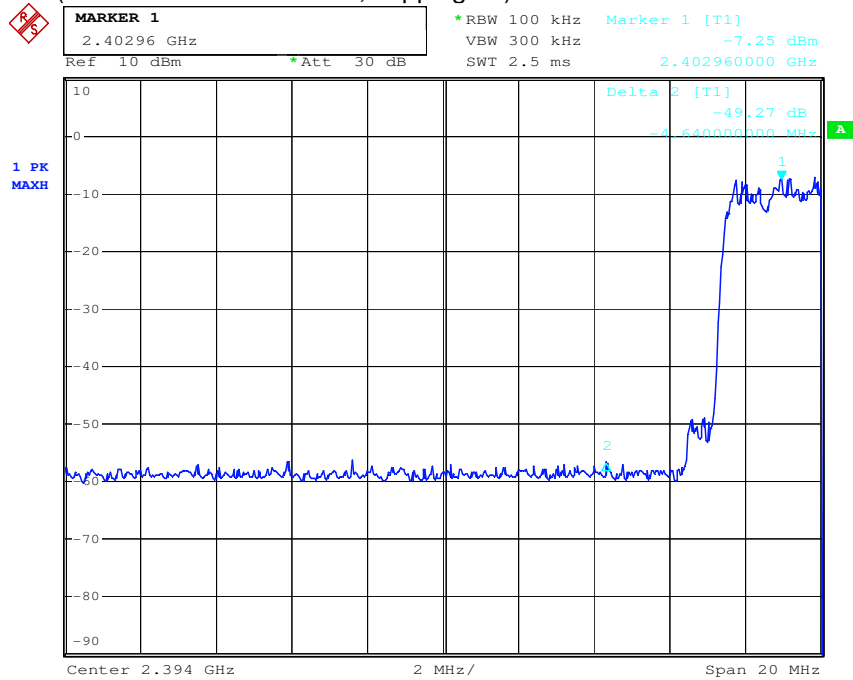
Modulation: 8 DPSK
Tx frequency: 2480MHz



Date: 16.FEB.2011 11:54:15

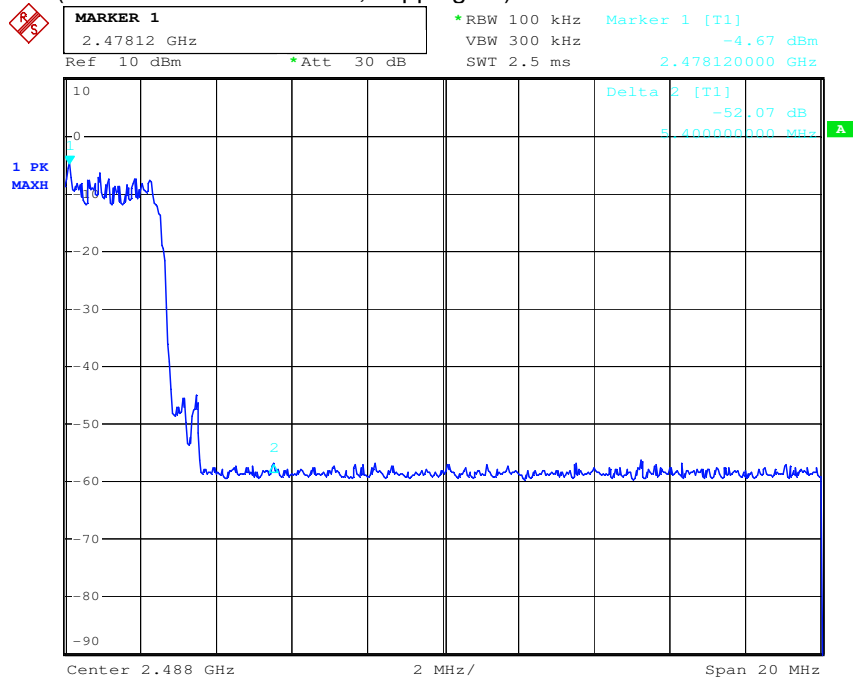
Band Edge Compliance

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



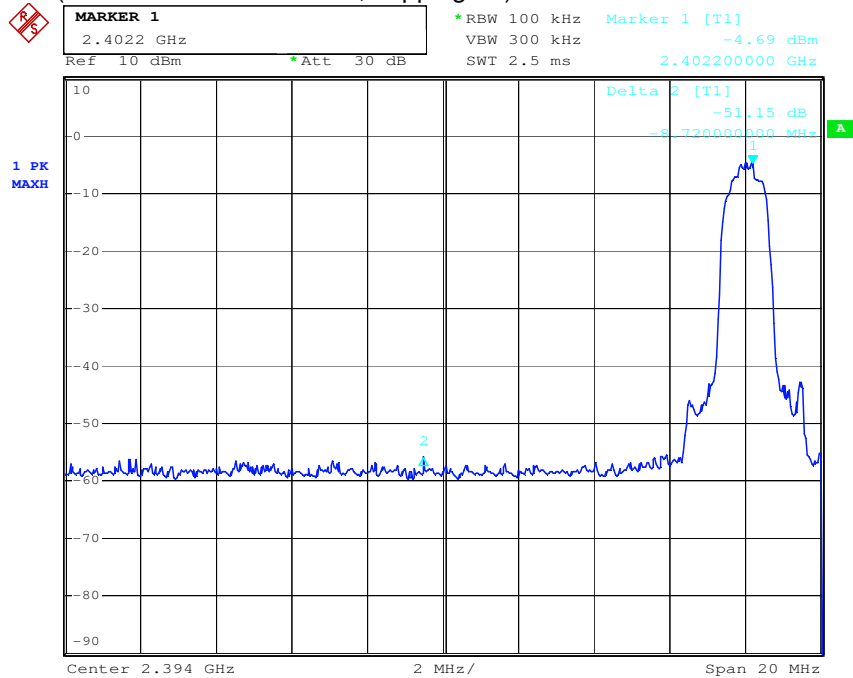
Date: 16.FEB.2011 11:58:22

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



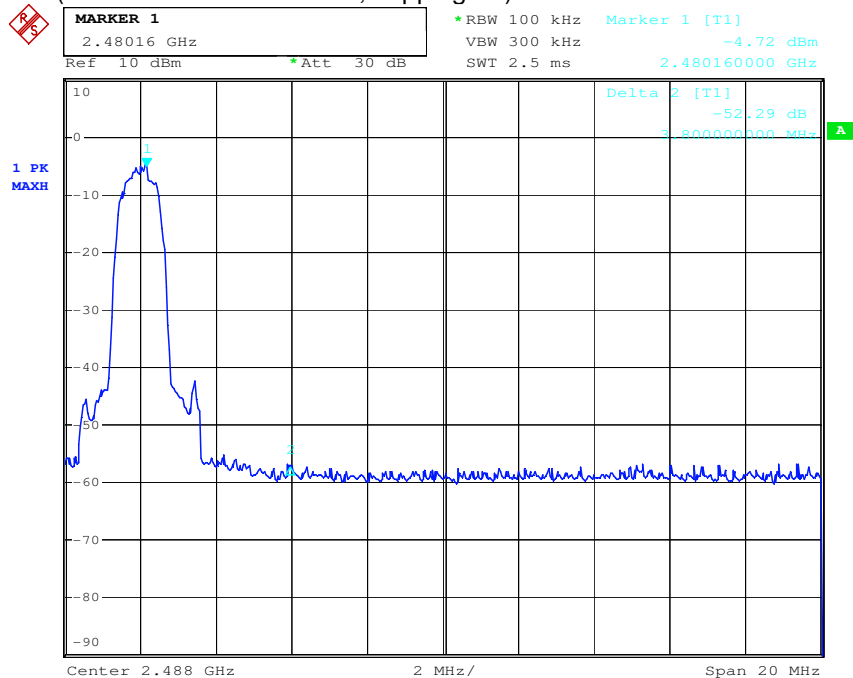
Date: 16.FEB.2011 11:59:39

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



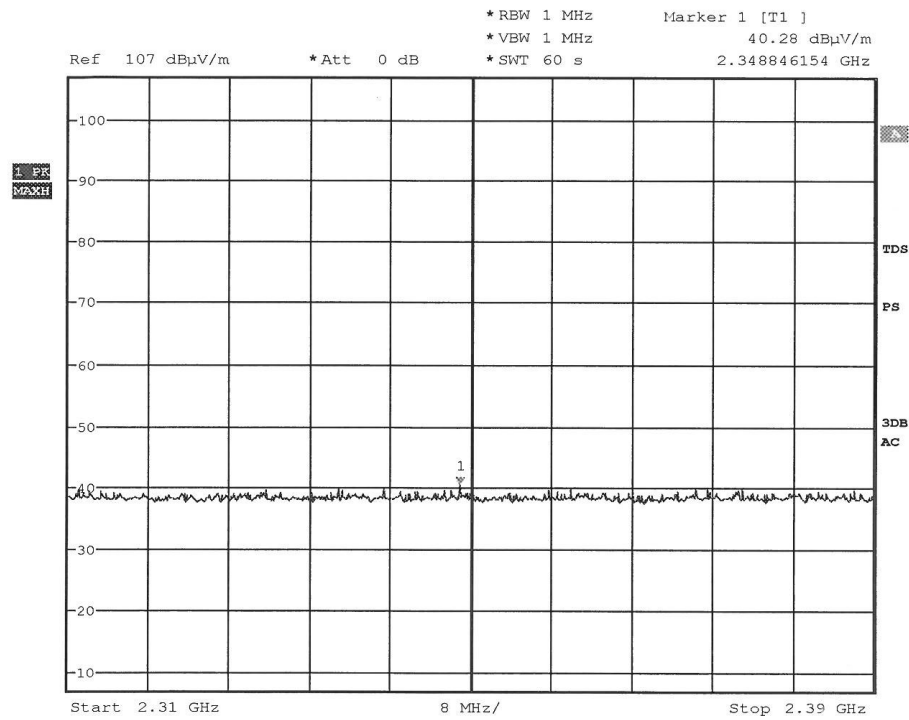
Date: 16.FEB.2011 11:57:06

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

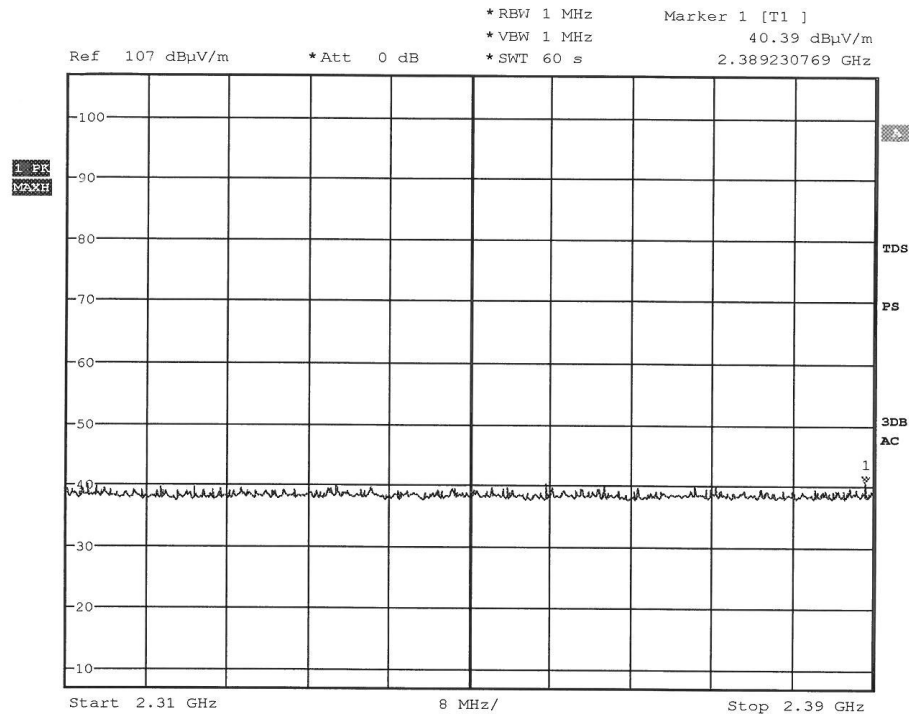


Date: 16.FEB.2011 12:00:40

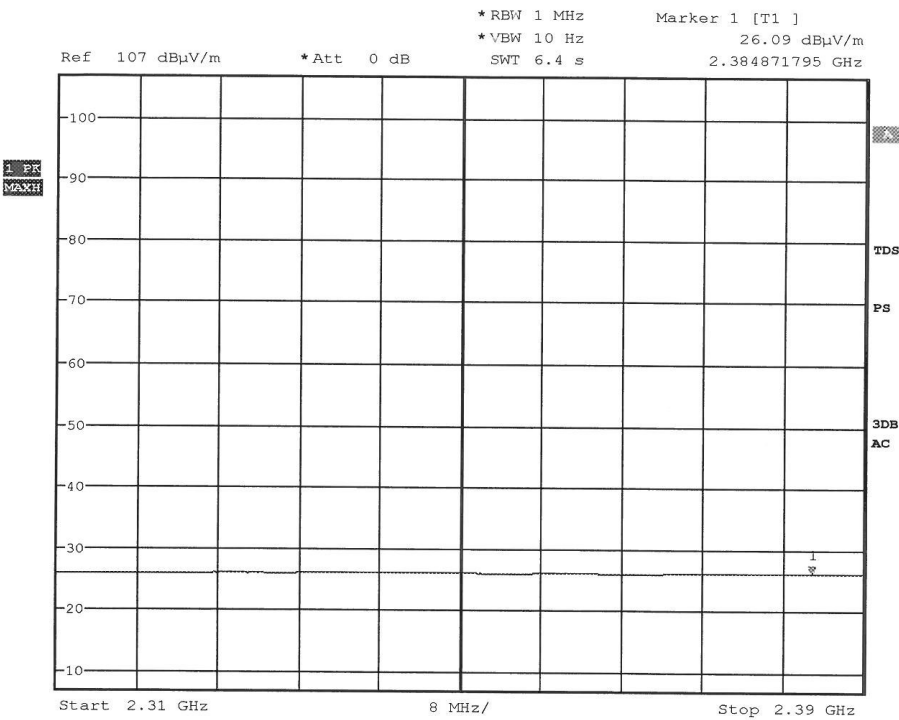
Tx frequency: 2402MHz (radiated measurement)



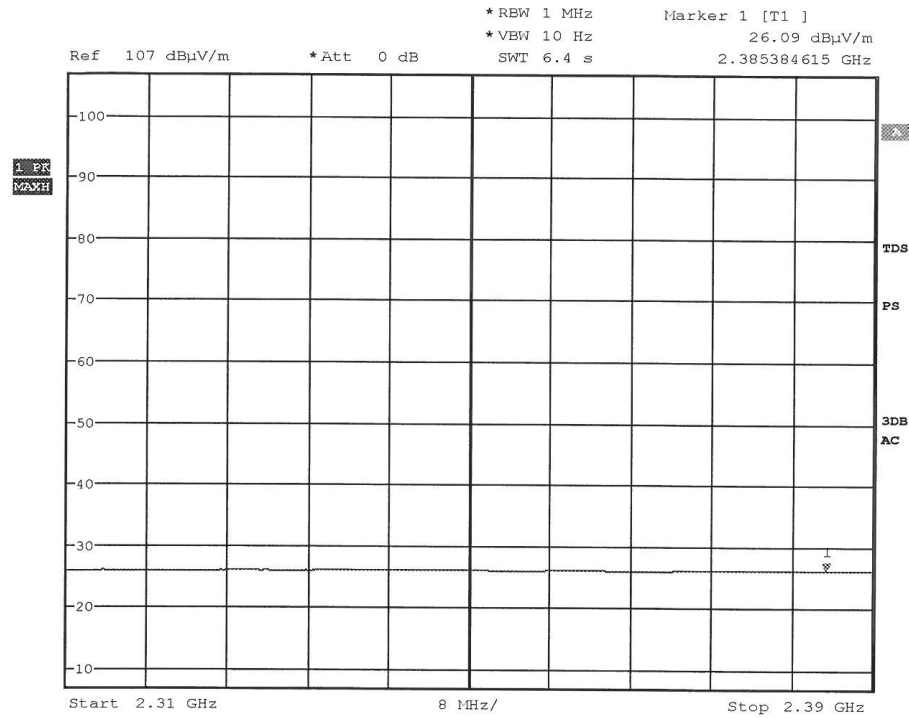
BLUETREK/ BT HEADSET/ CARBON/ 00110111199-003/ VERT/ 2402MHz
Date: 21.JAN.2011 12:39:06



BLUETREK/ BT HEADSET/ CARBON/ 00110111199-003/ HORI/ 2402MHz
Date: 21.JAN.2011 12:37:32

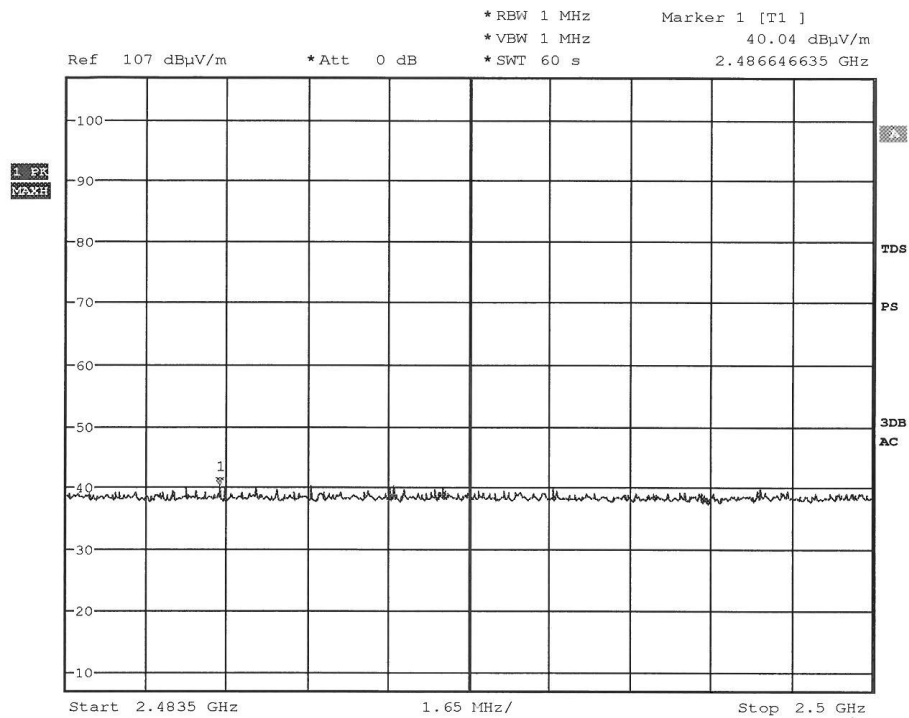


BLUETREK/ BT HEADSET/ CARBON/ 00110111199-003/ VERT/ 2402MHz
Date: 21.JAN.2011 12:39:27



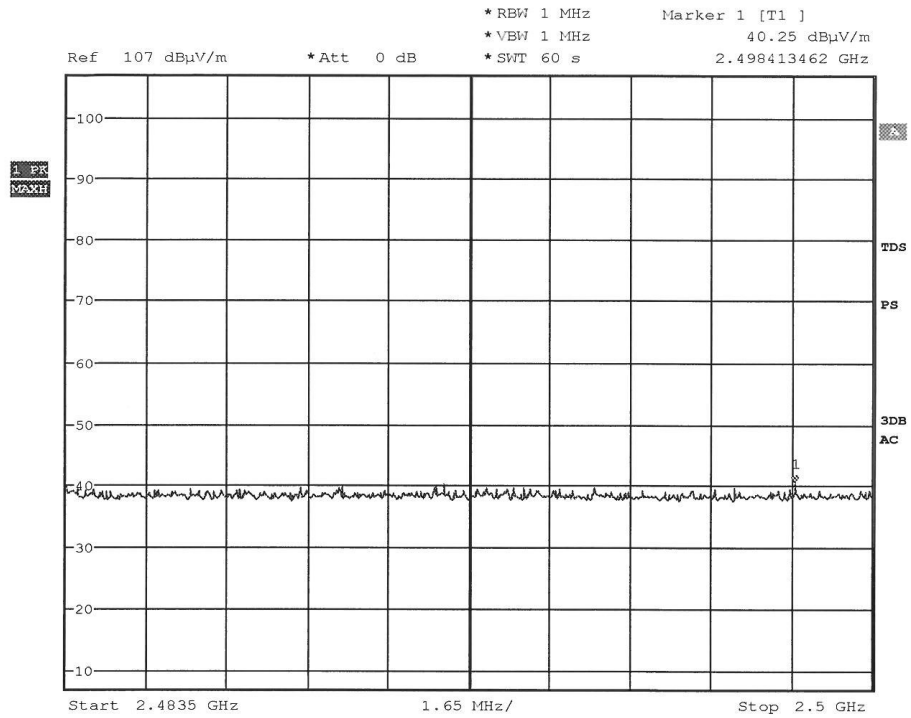
BLUETREK/ BT HEADSET/ CARBON/ 00110111199-003/ HORI/ 2402MHz
Date: 21.JAN.2011 12:37:53

Tx frequency: 2480MHz (radiated measurement)

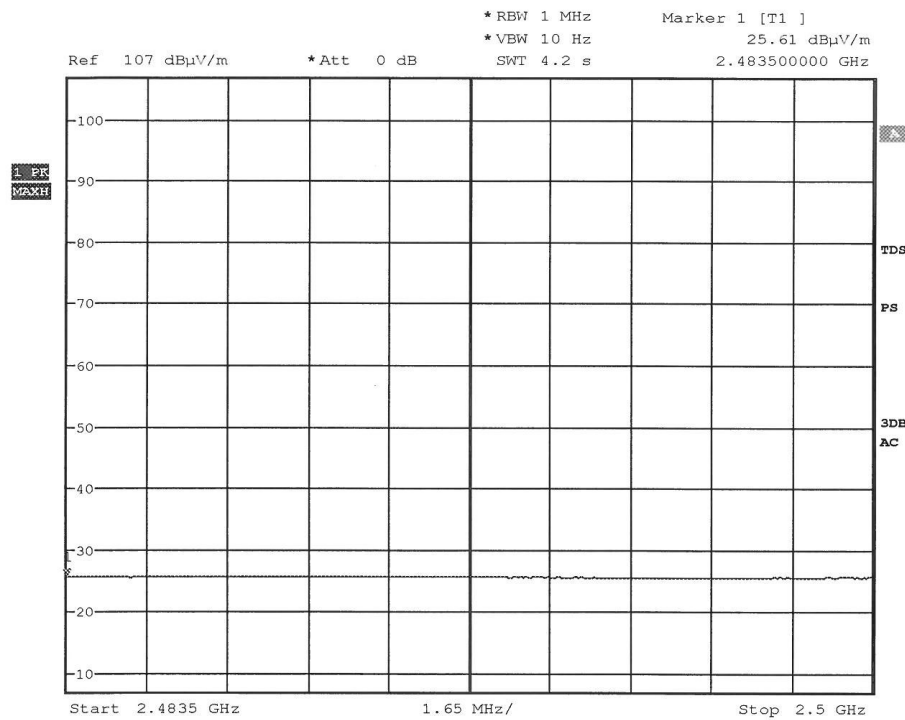


BLUETREK/ BT HEADSET/ CARBON/ 00110111199-003/ VERT/ 2480MHz

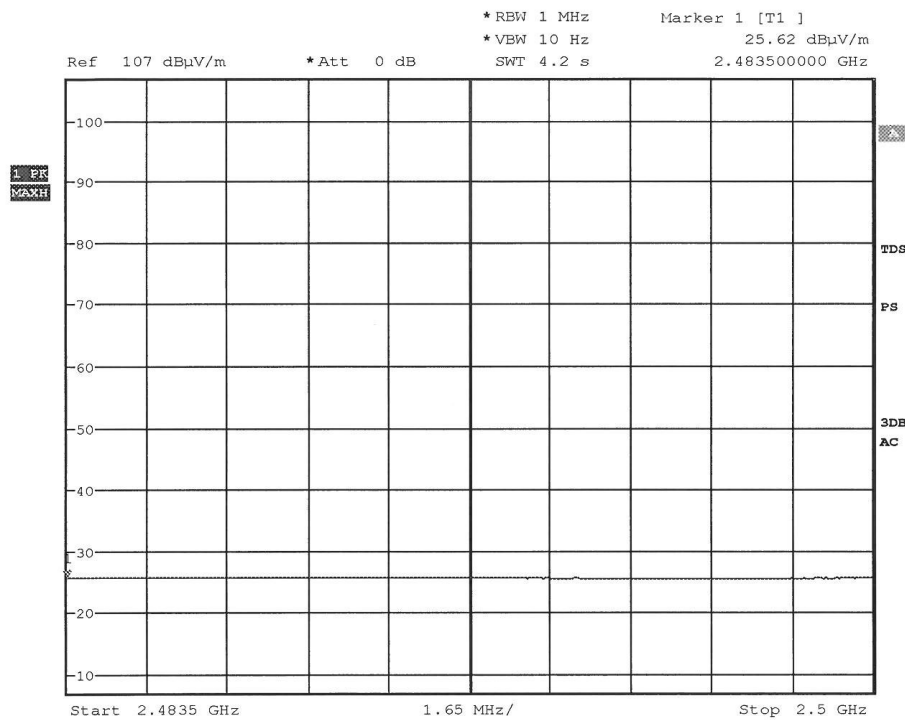
Date: 21.JAN.2011 13:01:35



BLUETREK/ BT HEADSET/ CARBON/ 00110111199-003/ HORI/ 2480MHz
 Date: 21.JAN.2011 13:02:57



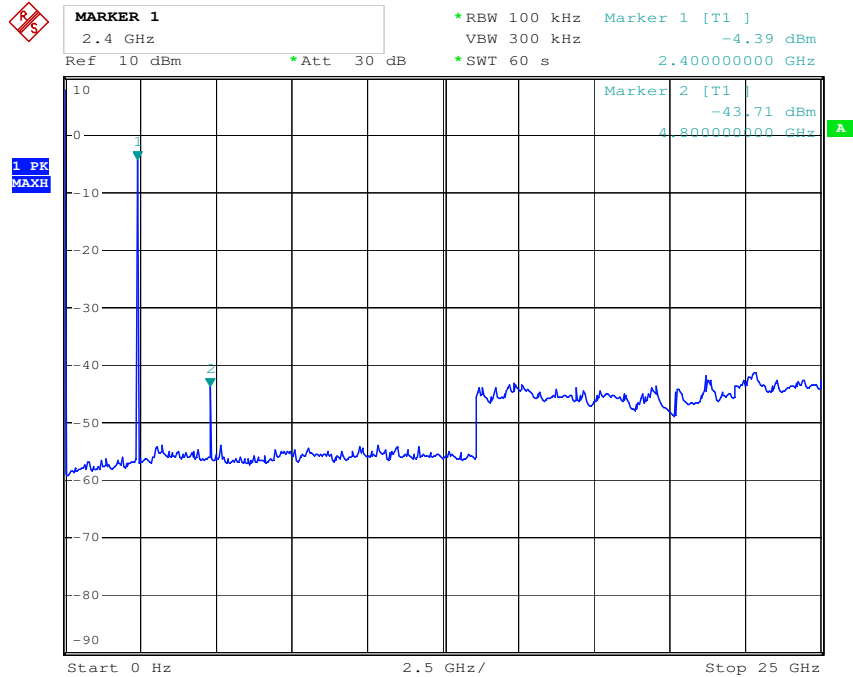
BLUETREK/ BT HEADSET/ CARBON/ 00110111199-003/ VERT/ 2480MHz
Date: 21.JAN.2011 13:01:46



BLUETREK/ BT HEADSET/ CARBON/ 00110111199-003/ HORI/ 2480MHz
Date: 21.JAN.2011 13:03:13

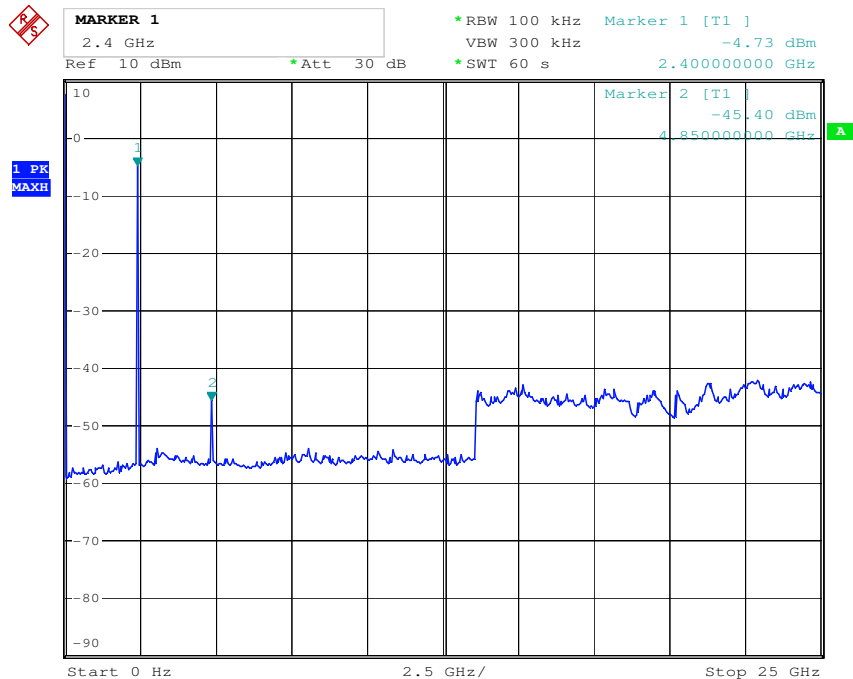
Spurious Emissions - Conducted

Tx frequency: 2402MHz



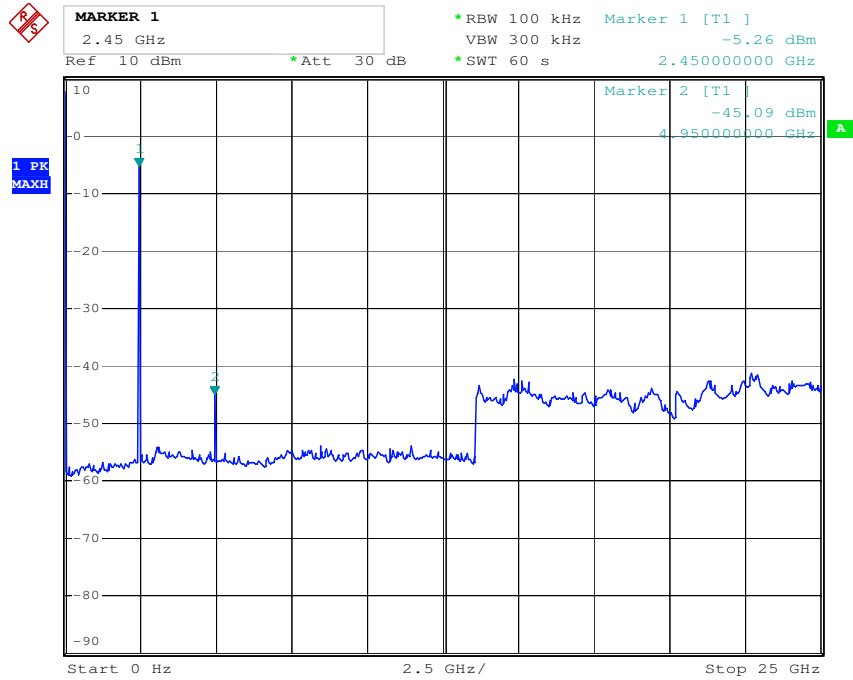
Date: 16.FEB.2011 12:55:13

Tx frequency: 2441MHz



Date: 16.FEB.2011 12:58:29

Tx frequency: 2480MHz



Date: 16.FEB.2011 13:01:02