

Appendix 1

Test Results

Disturbance Voltage on AC Mains

CONDUCTED EMISSION

30.May 11 17:35

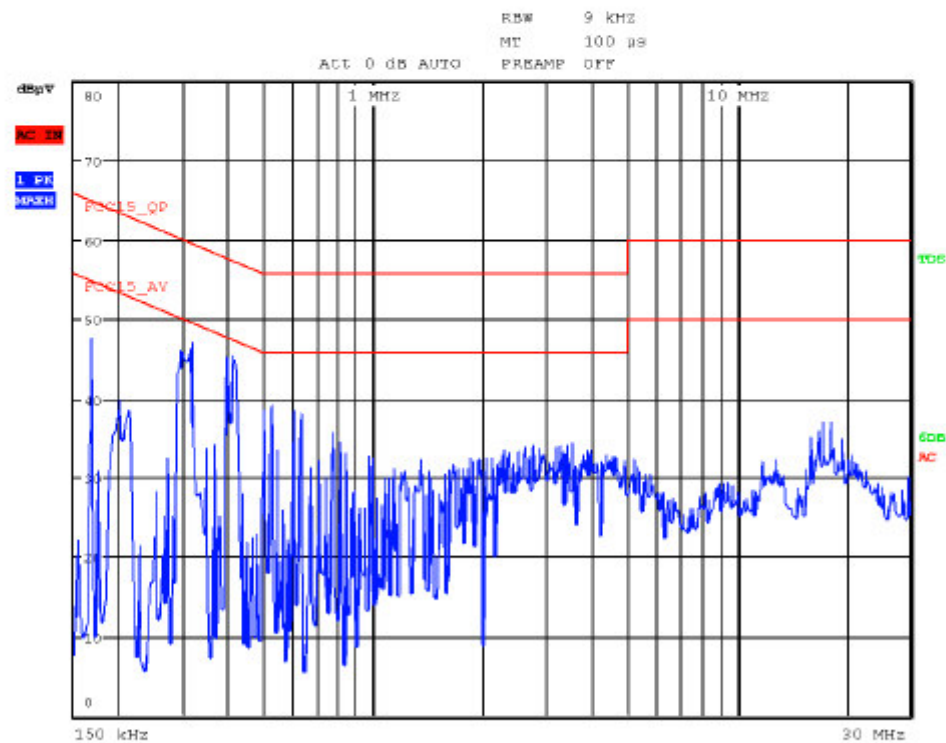
Job / Record No. TUV270511B05.PK
Equipment under Test BLUETREK/ BT SPEAKER/ SPEAKY/ 00110506154-002
Ant. Pol./h/Range L
Test Spec./ Std FCCP15
Operator TING

Operation Condition
 MUSIC PLAYING + CHARGING MODE; 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 μ s	Auto	0 dB INPUT1



CONDUCTED EMISSION

30.May 11 17:38

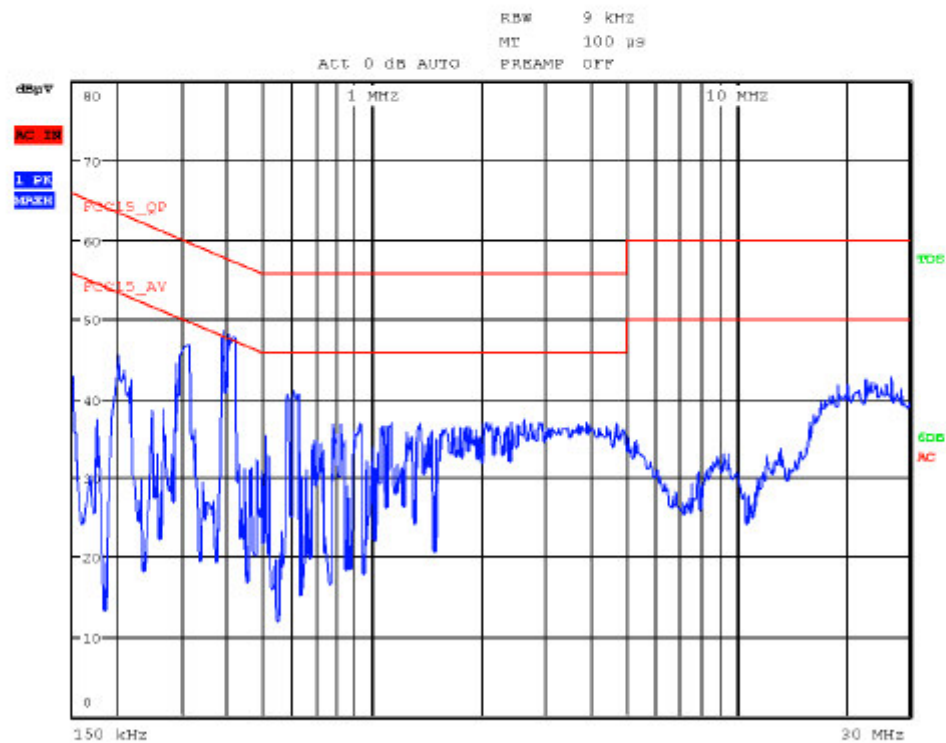
Job / Record No. TUV270511B06.PK
Equipment under Test BLUETREK/ BT SPEAKER/ SPEAKY/ 00110506154-002
Ant. Pol./h/Range N
Test Spec./ Std FCCP15
Operator TING

Operation Condition
 MUSIC PLAYING + CHARGING MODE; 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 μ s	Auto	0 dB	INPUT1



Carrier Frequency Separation

**MARKER 1**

2.441012 GHz

Ref 20 dBm

*Att 30 dB

RBW 100 kHz

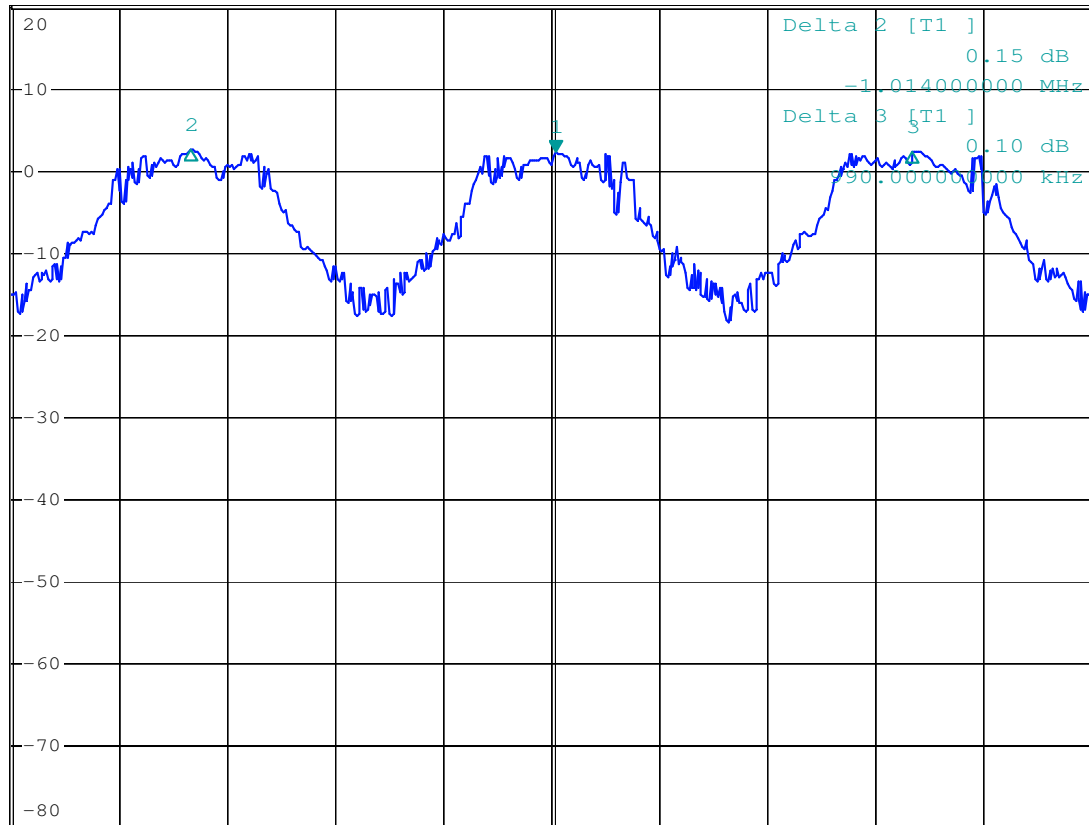
VBW 300 kHz

SWT 2.5 ms

Marker 1 [T1]

2.28 dBm

2.441012000 GHz

1 PK
MAXH

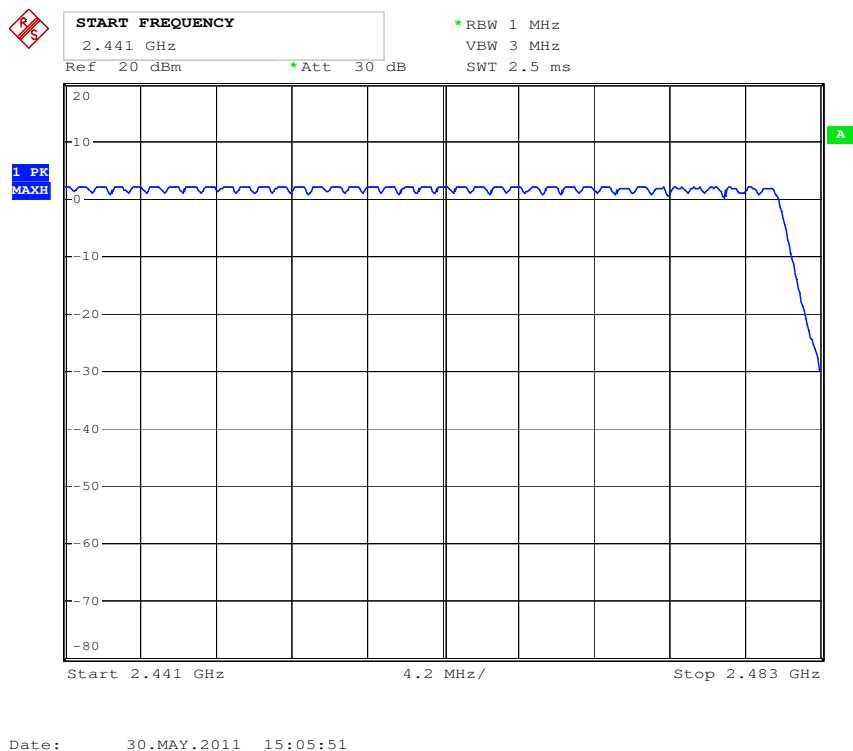
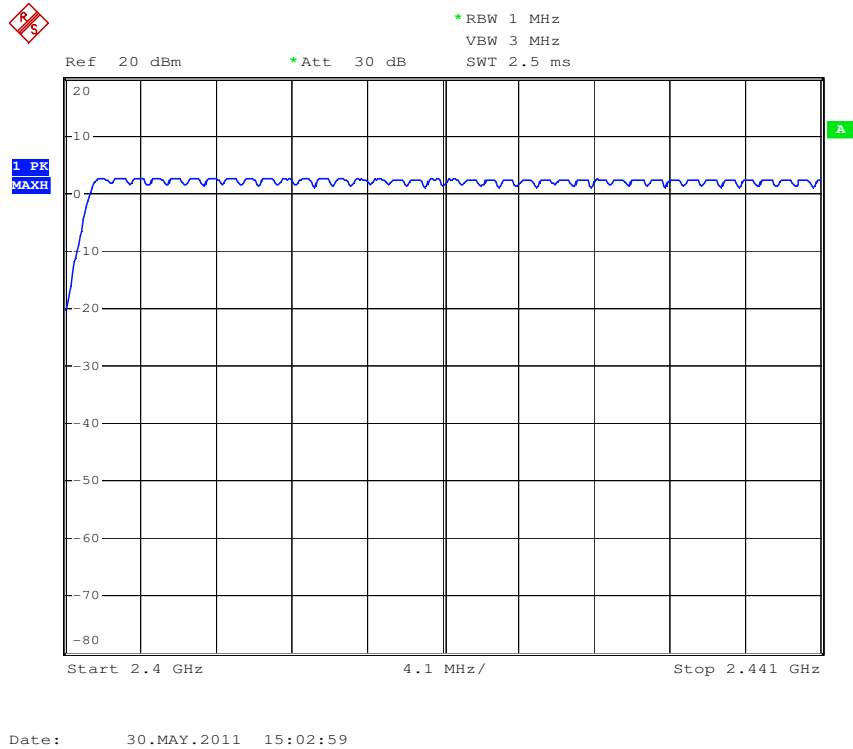
Center 2.441 GHz

300 kHz/

Span 3 MHz

Date: 30.MAY.2011 14:59:49

Number of hopping channels



Dwell Time

**SWEEP TIME**

31.6 s

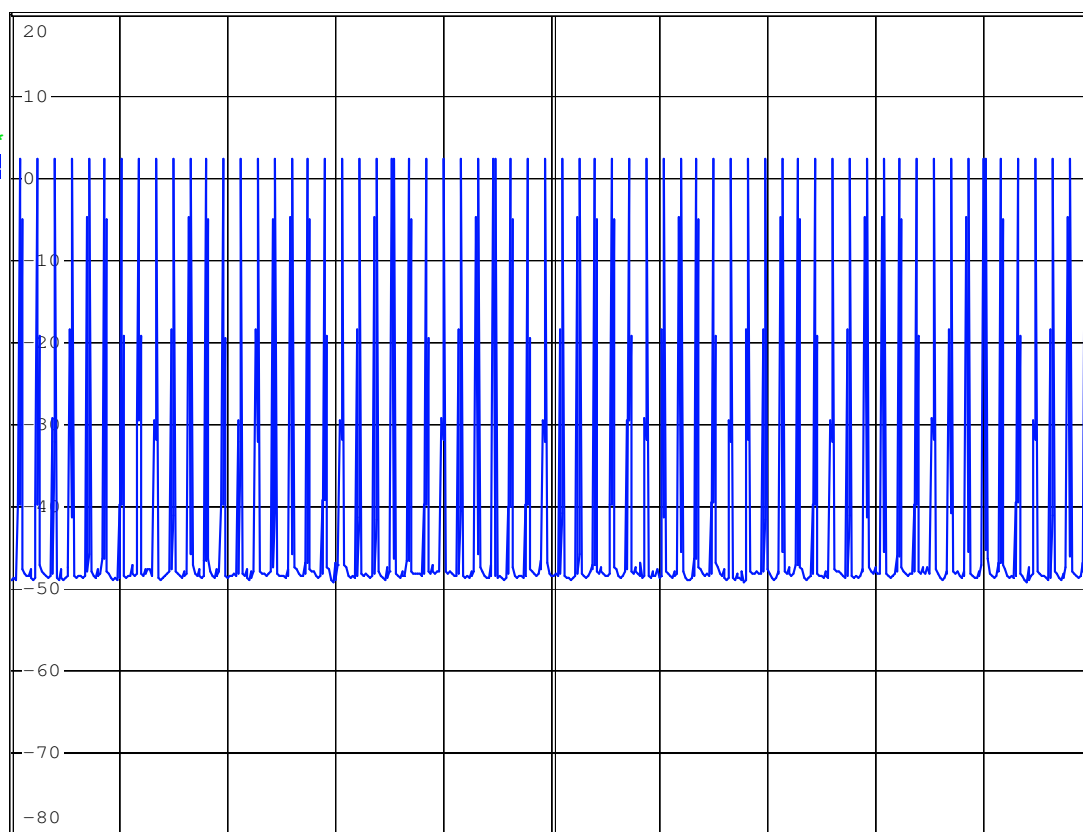
RBW 1 MHz

VBW 3 MHz

SWT 31.6 s

Ref 20 dBm

*Att 30 dB

1 PK*
CLRWRA
SGL

Center 2.441 GHz

3.16 s/

Date: 30.MAY.2011 15:08:26



DELTA MARKER 2

2.912 ms

Ref 20 dBm

*Att 30 dB

RBW 1 MHz

VBW 3 MHz

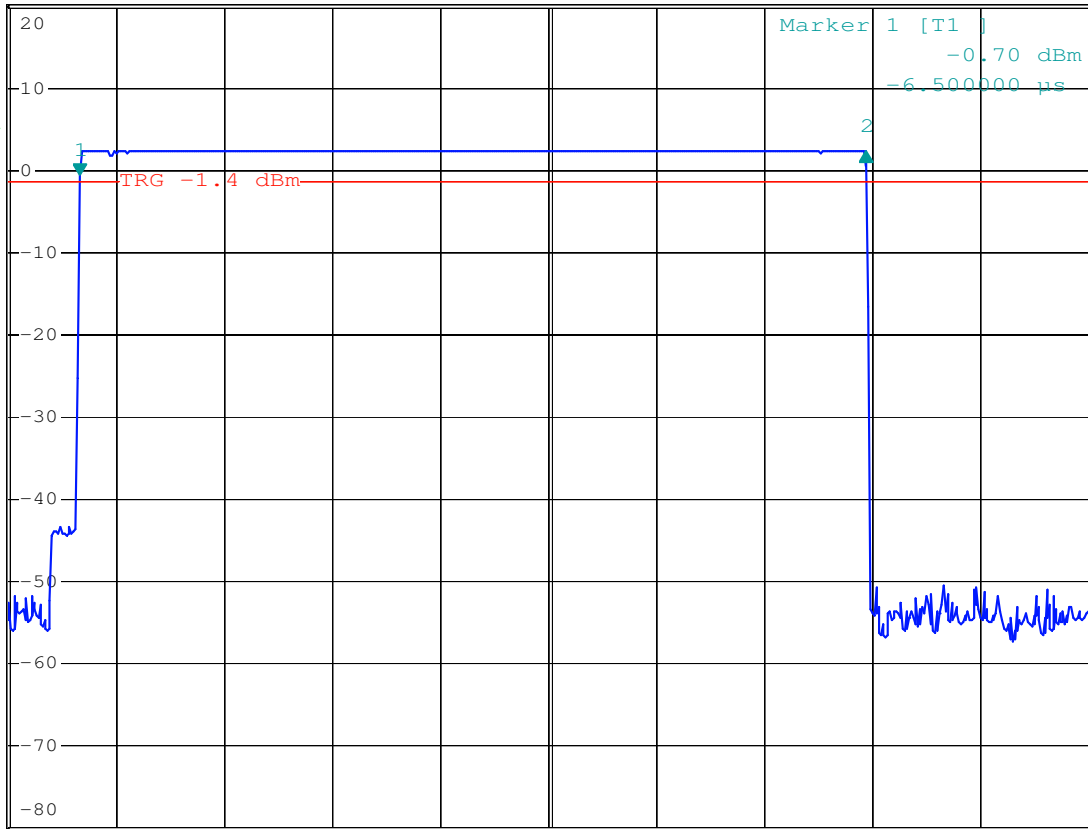
SWT 4 ms

Delta 2 [T1]

2.95 dB

2.912000 ms

1 PK*
CLRWR



Center 2.441 GHz

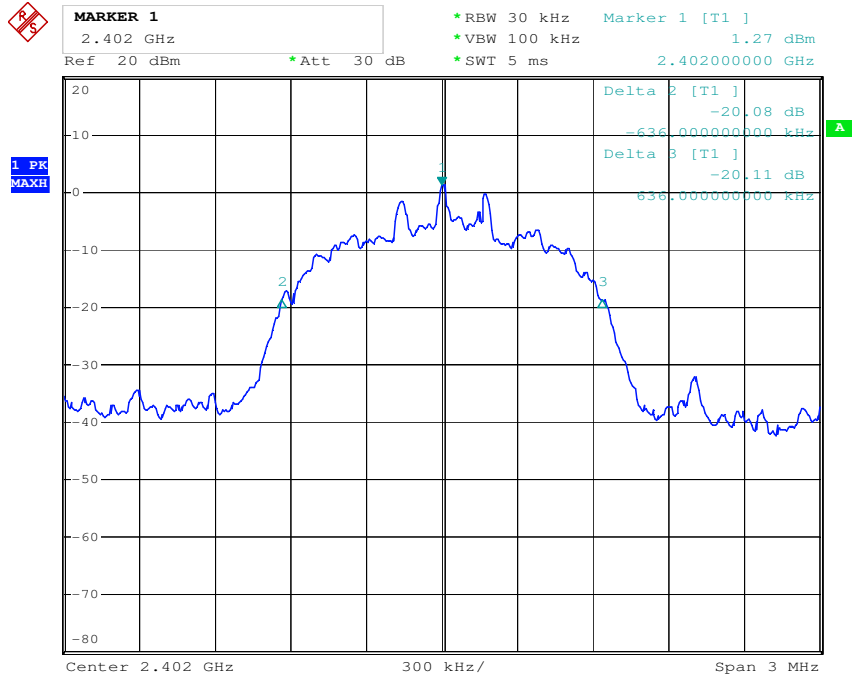
400 μ s/

Date: 30.MAY.2011 15:09:39

20dB Bandwidth

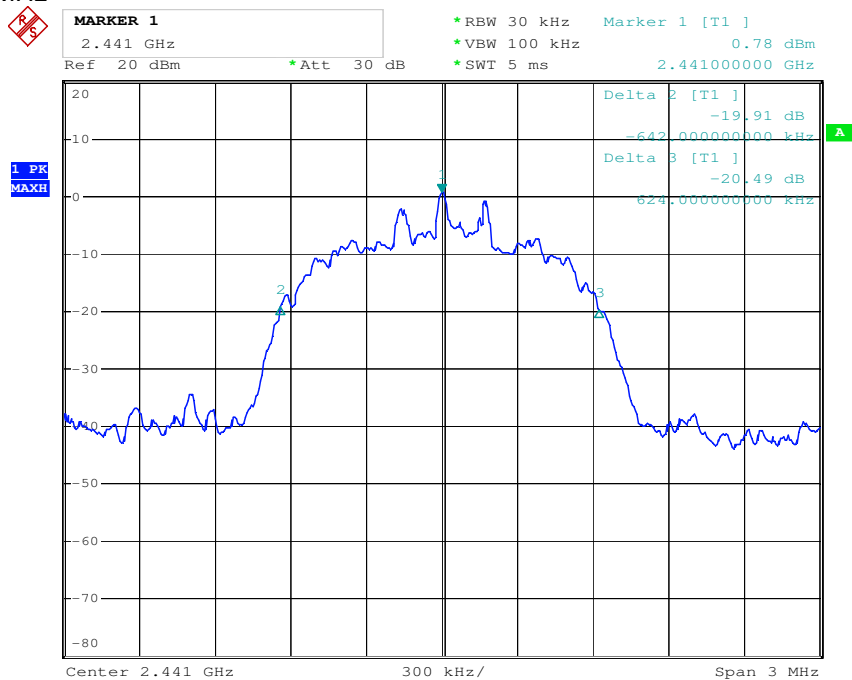
Modulation: 8 DPSK

Tx frequency: 2402MHz

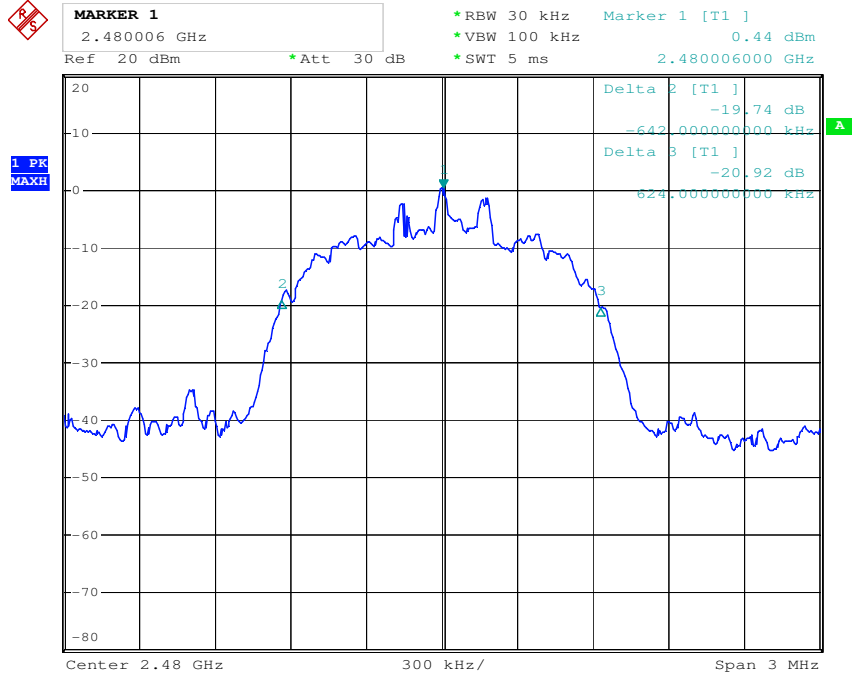


Modulation: 8 DPSK

Tx frequency: 2441MHz

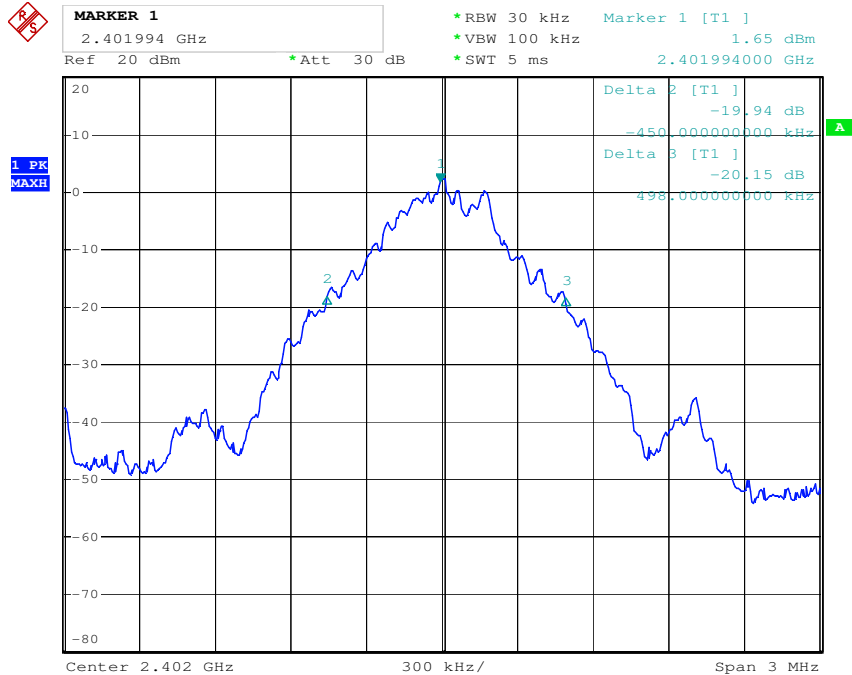


Modulation: 8 DPSK
Tx frequency: 2480MHz



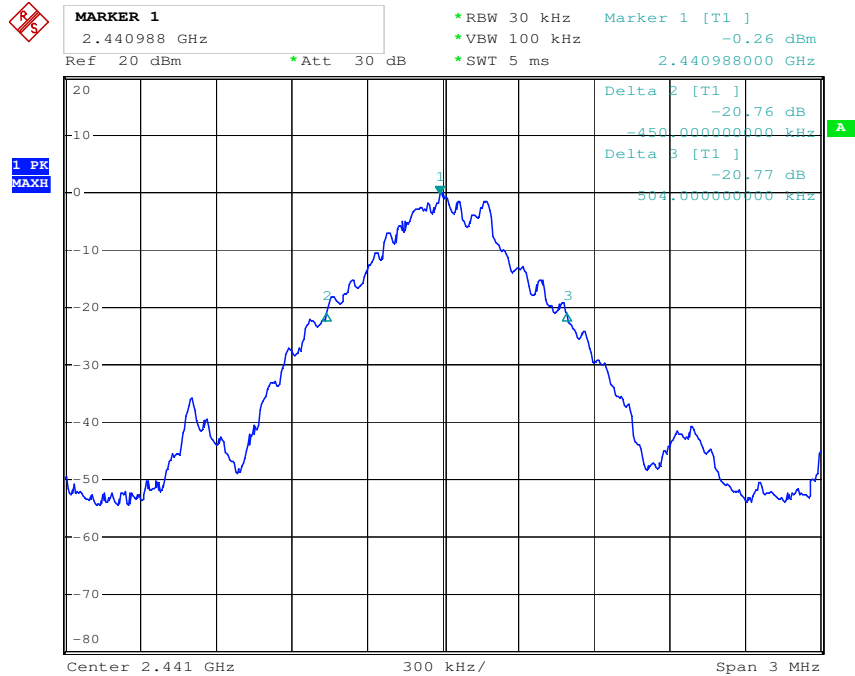
Date: 30.MAY.2011 15:17:57

Modulation: GFSK
Tx frequency: 2402MHz



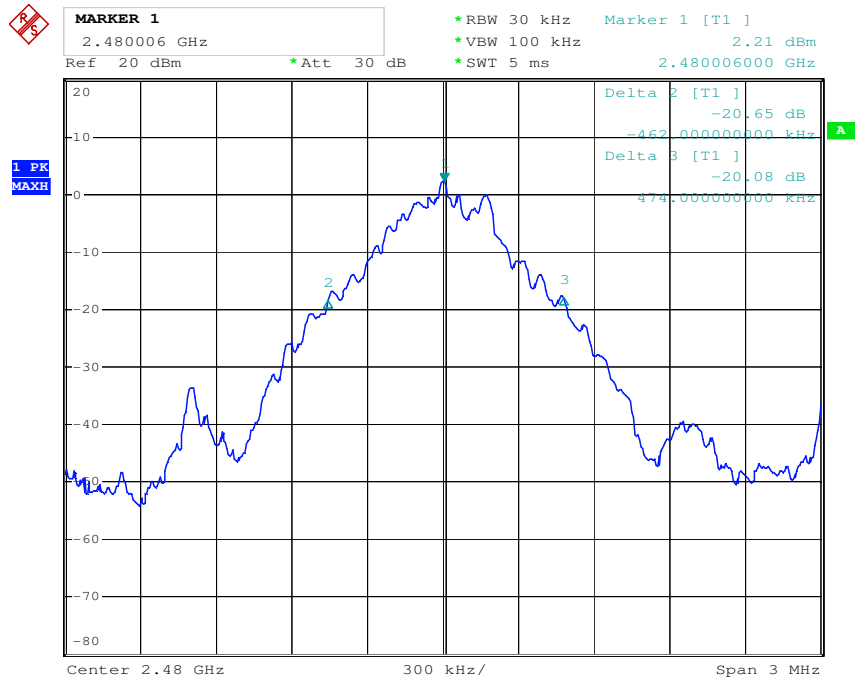
Date: 30.MAY.2011 15:11:55

Modulation: GFSK
Tx frequency: 2441MHz



Date: 30.MAY.2011 15:15:50

Modulation: GFSK
Tx frequency: 2480MHz

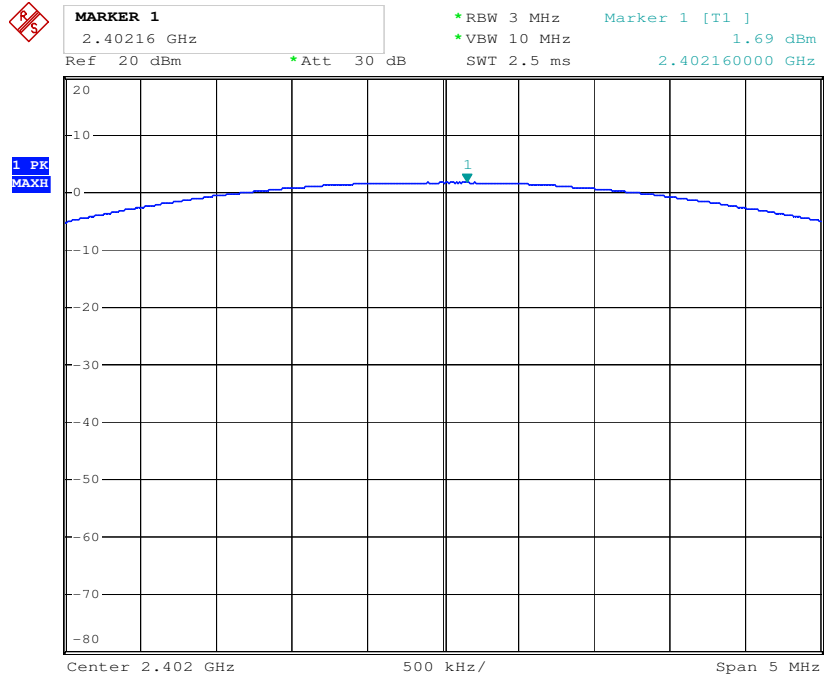


Date: 30.MAY.2011 15:16:56

Peak Output Power

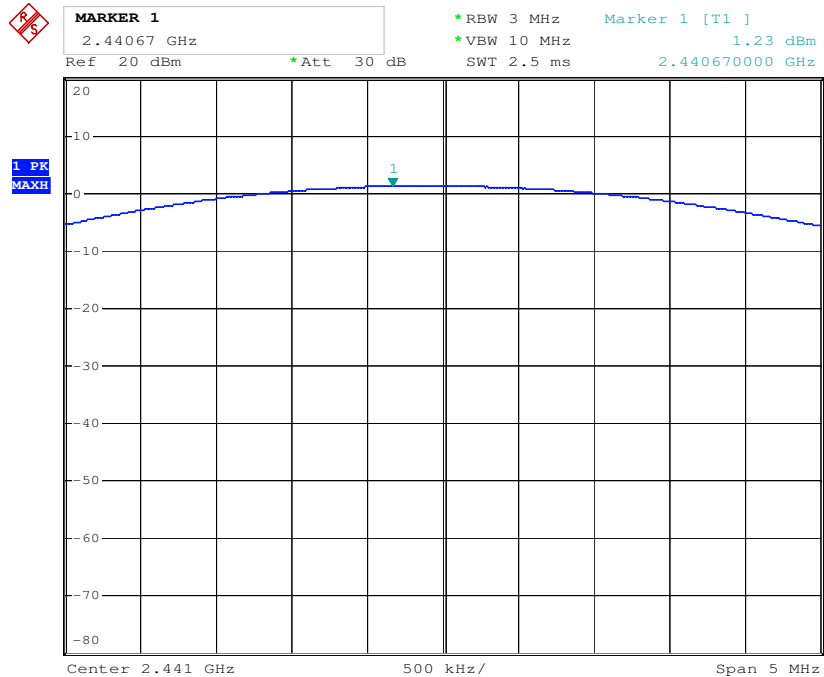
Modulation: GFSK

Tx frequency: 2402MHz

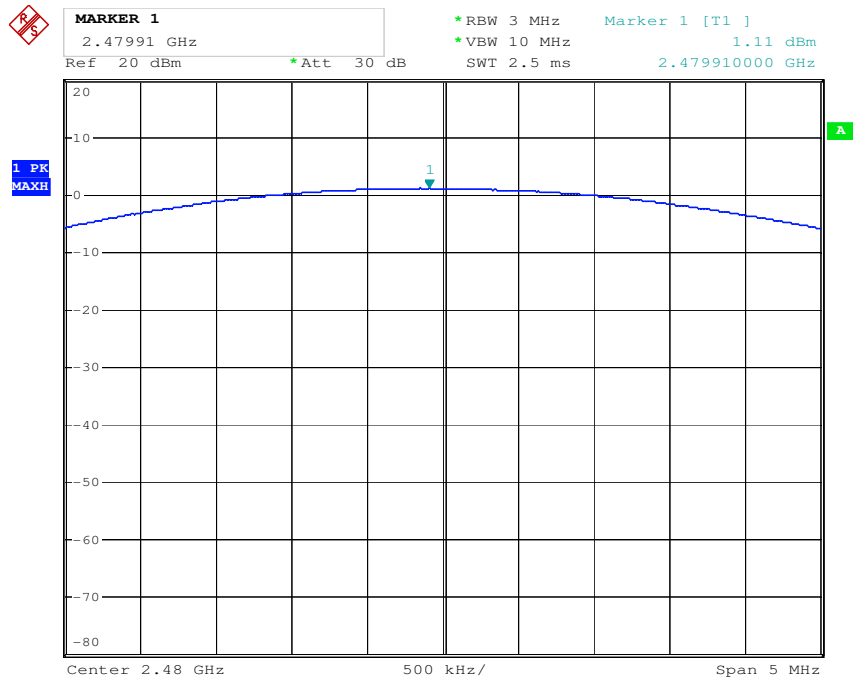


Modulation: GFSK

Tx frequency: 2441MHz

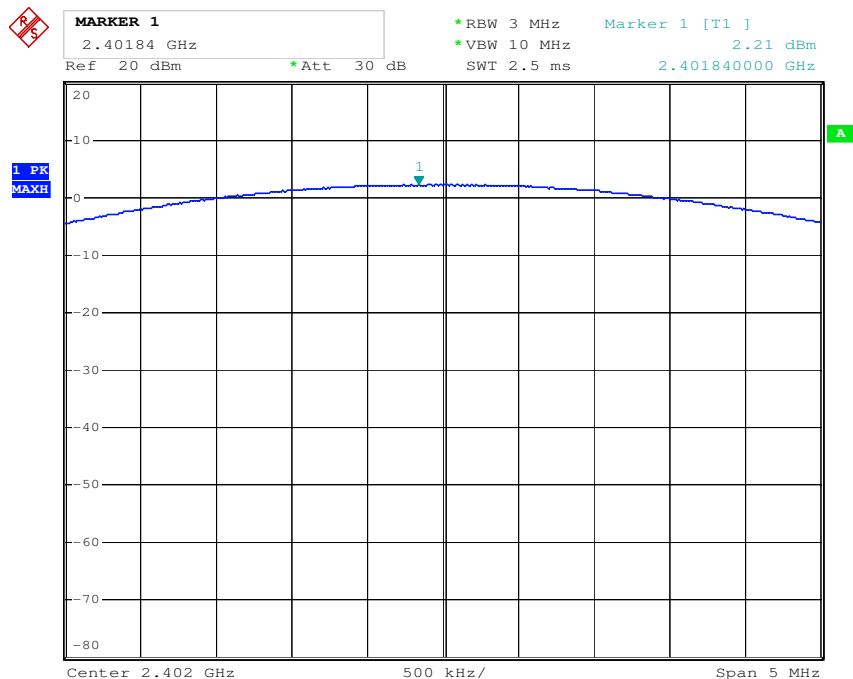


Modulation: GFSK
Tx frequency: 2480MHz



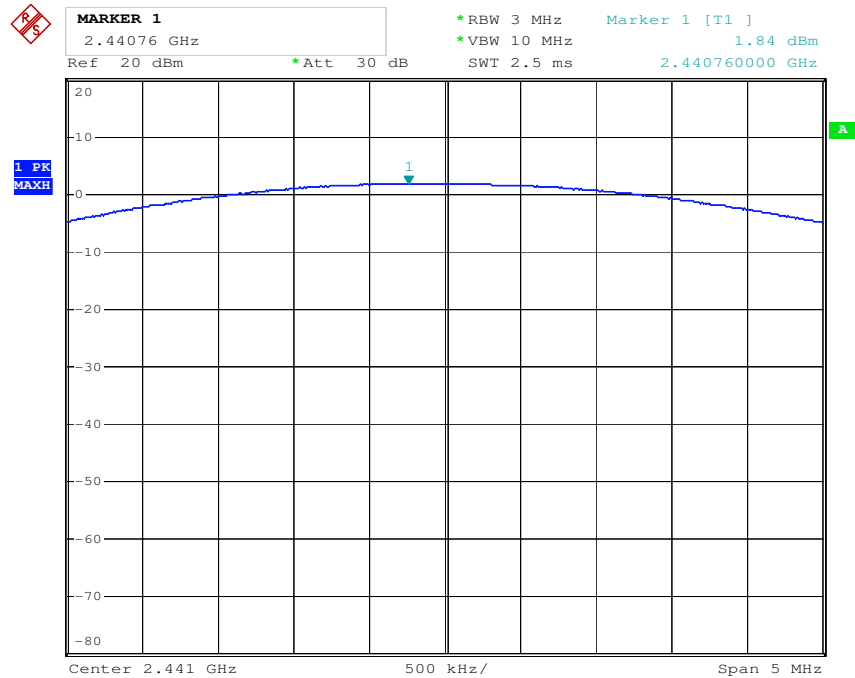
Date: 30.MAY.2011 15:32:03

Modulation: Pi/4 DQPSK
Tx frequency: 2402MHz



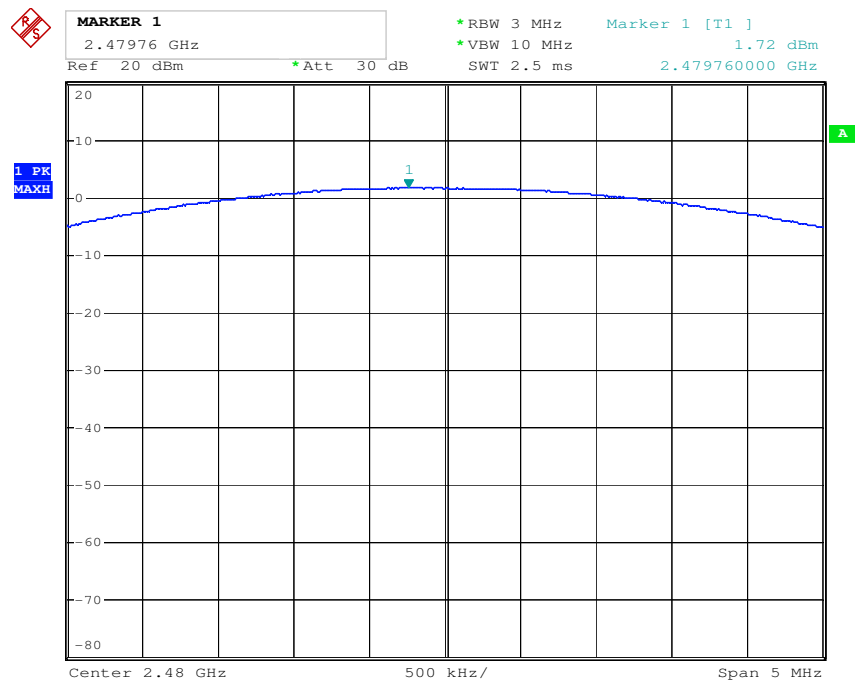
Date: 30.MAY.2011 15:21:02

Modulation: Pi/4 DQPSK
Tx frequency: 2441MHz



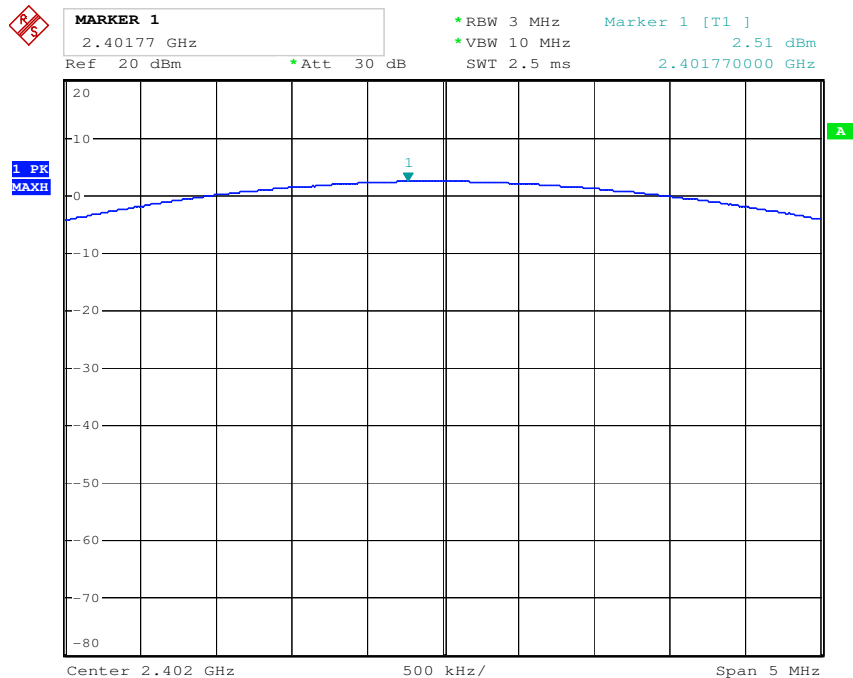
Date: 30.MAY.2011 15:29:46

Modulation: Pi/4 DQPSK
Tx frequency: 2480MHz



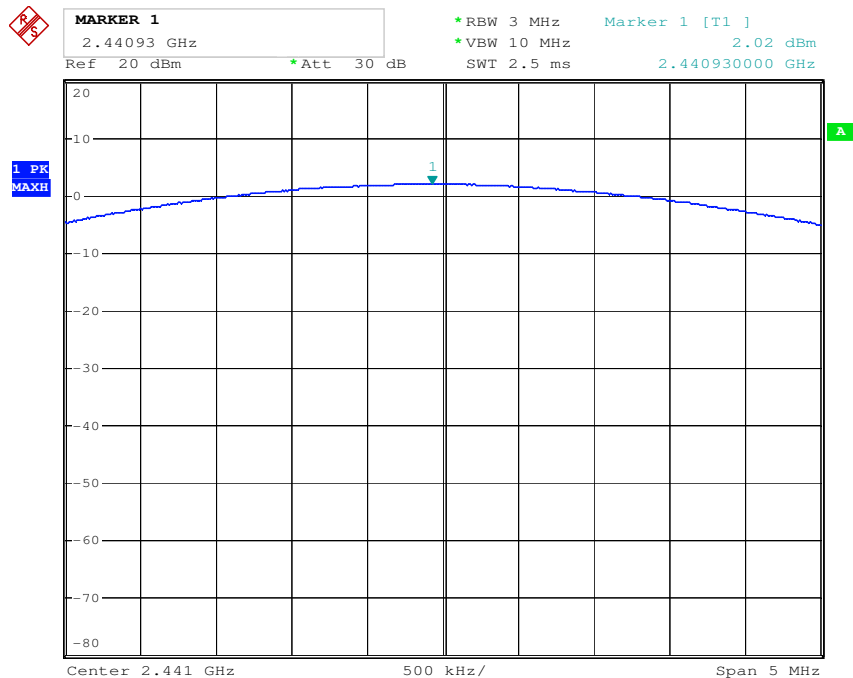
Date: 30.MAY.2011 15:32:42

Modulation: 8 DPSK
Tx frequency: 2402MHz



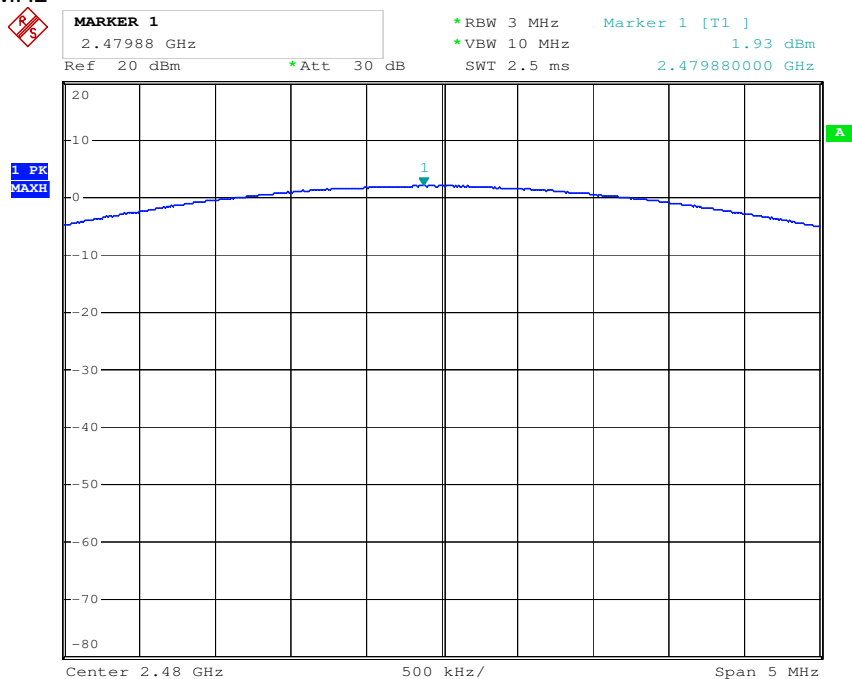
Date: 30.MAY.2011 15:28:33

Modulation: 8 DPSK
Tx frequency: 2441MHz



Date: 30.MAY.2011 15:29:10

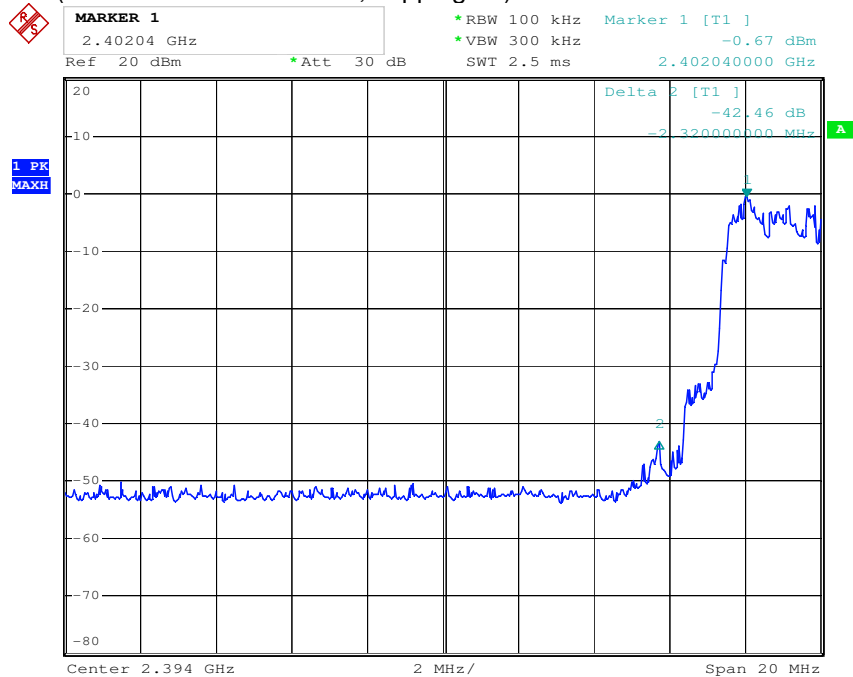
Modulation: 8 DPSK
Tx frequency: 2480MHz



Date: 30.MAY.2011 15:33:21

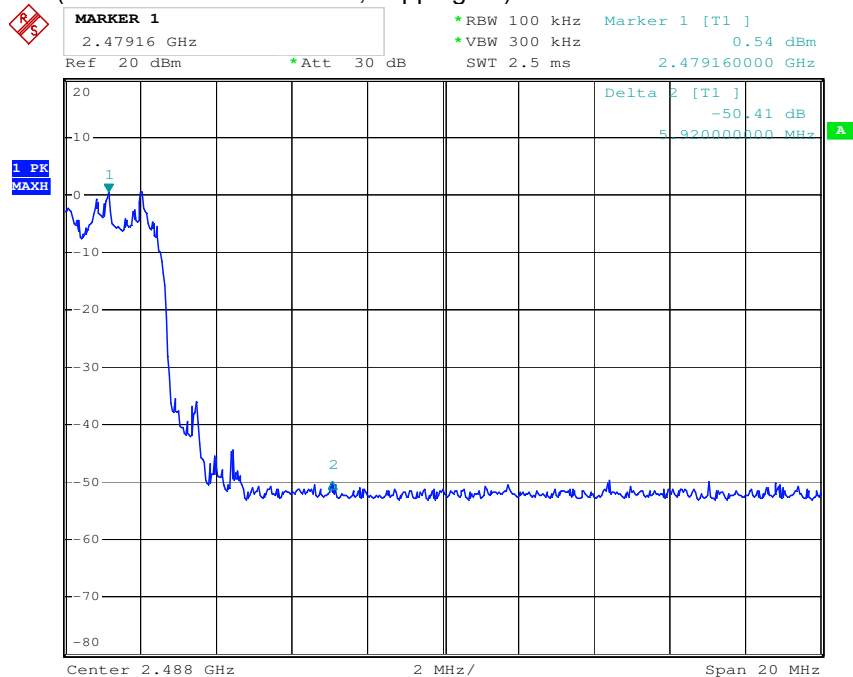
Band Edge Compliance

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



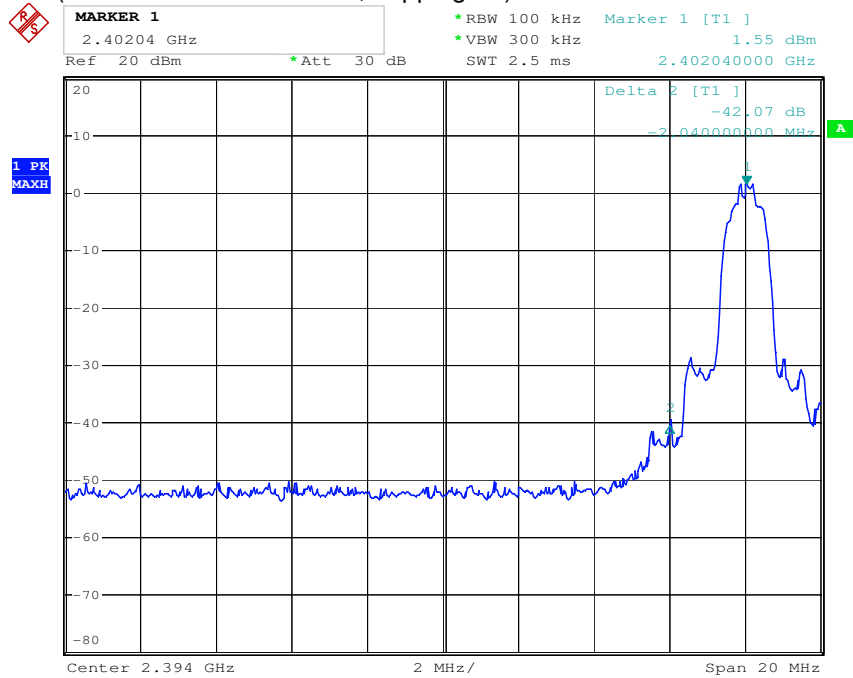
Date: 30.MAY.2011 15:40:41

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



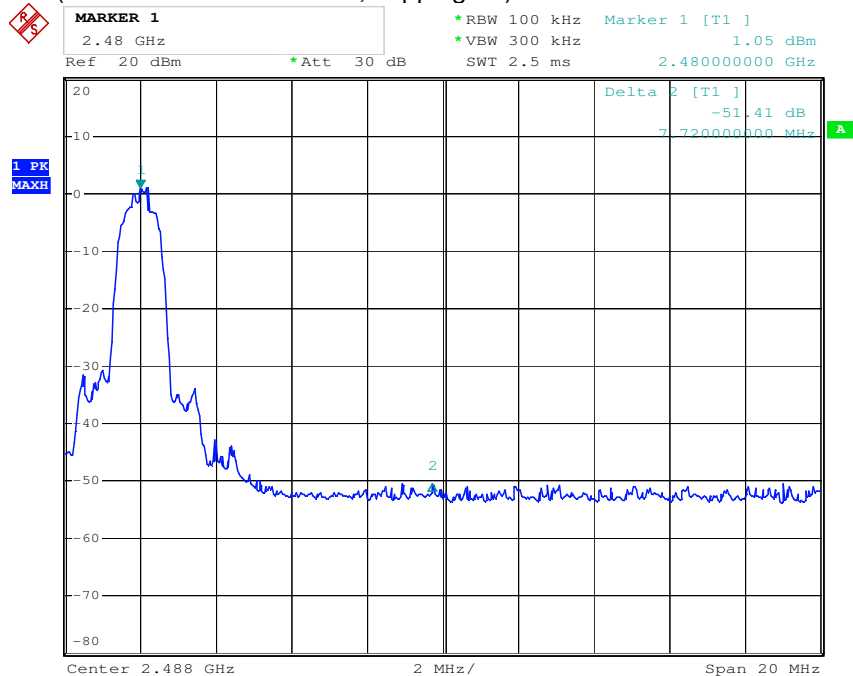
Date: 30.MAY.2011 15:39:00

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



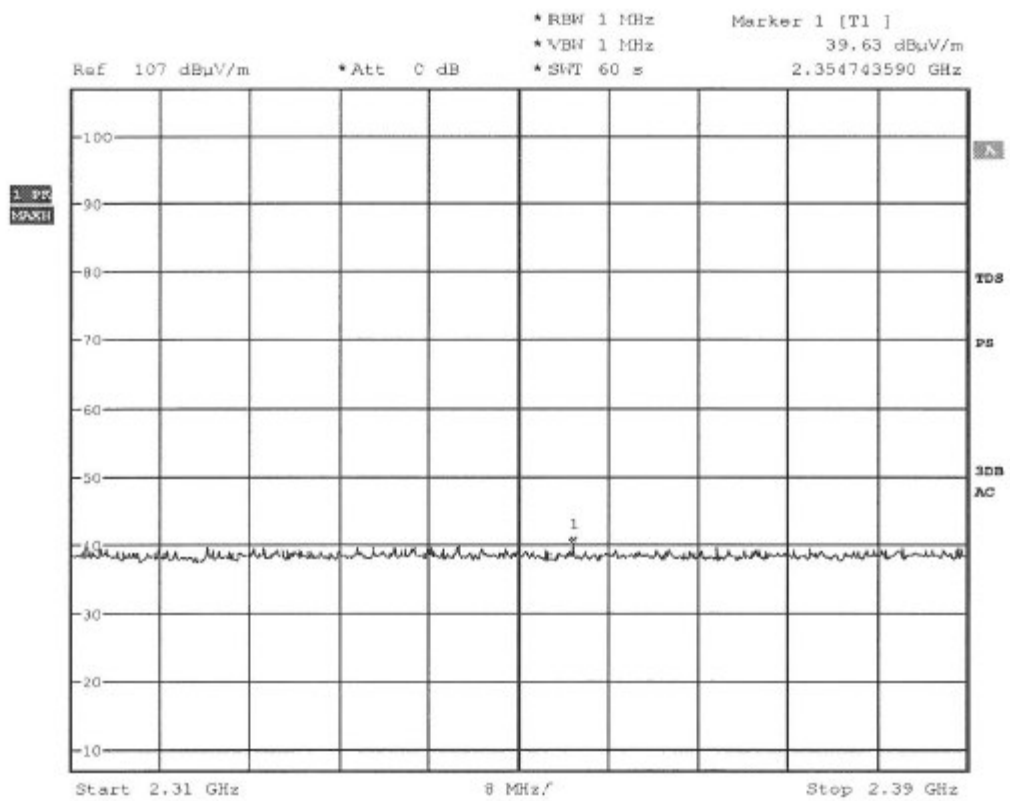
Date: 30.MAY.2011 15:42:21

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

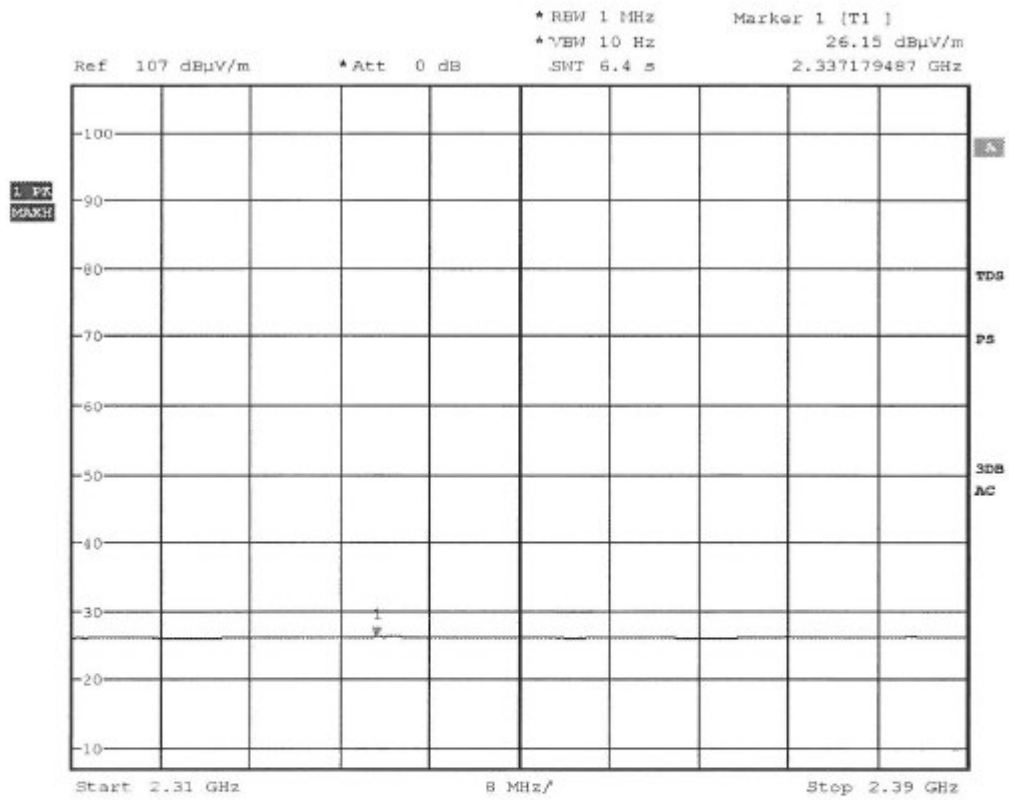


Date: 30.MAY.2011 15:36:09

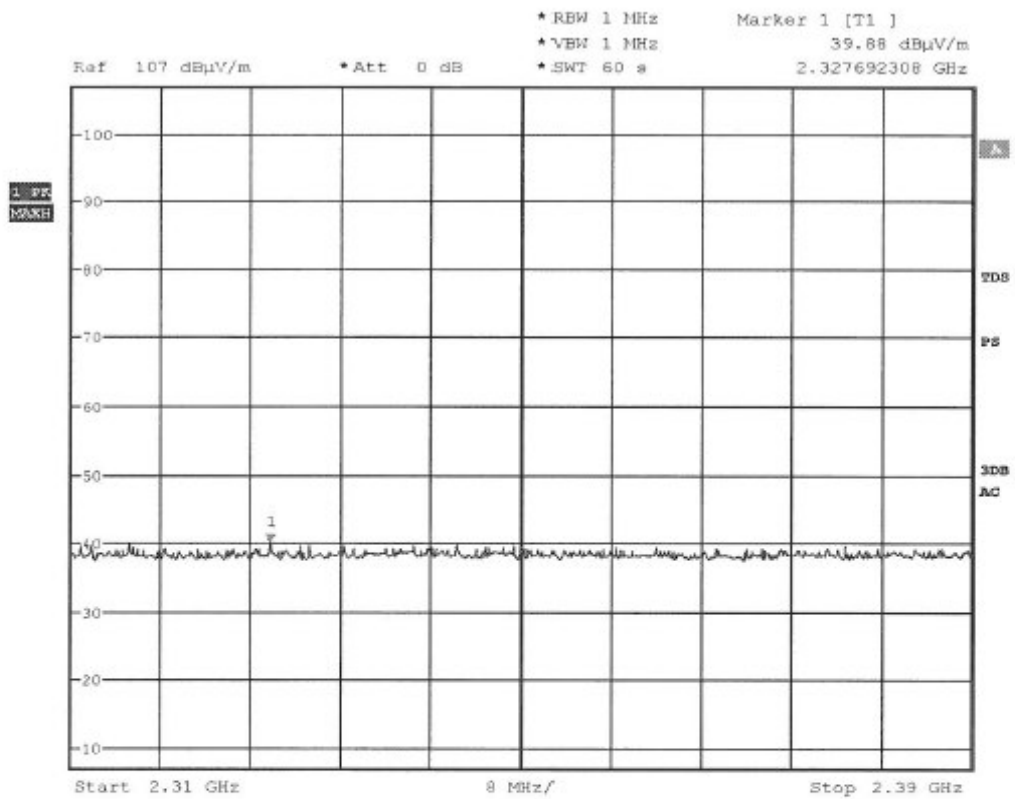
Tx frequency: 2402MHz (radiated measurement)



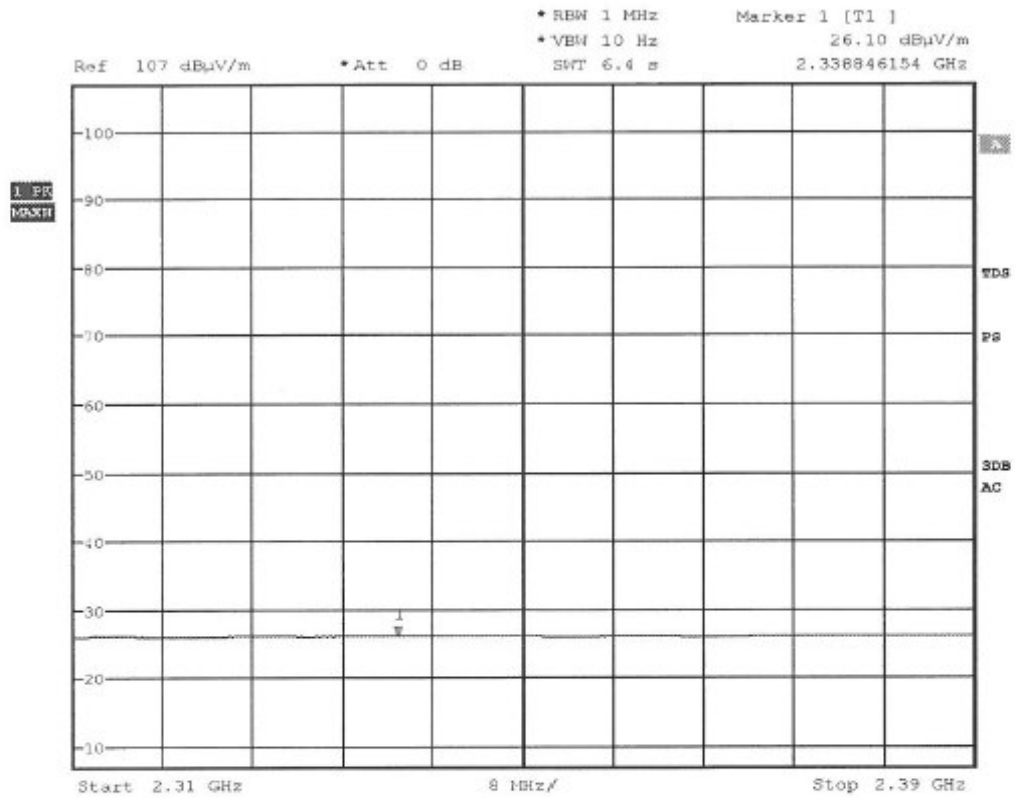
BLUETREK/ BT SPEAKER/ SPEAKY/ 00110418002-001/ VERT./2402MHz
 Date: 11.MAY.2011 16:44:29



BLUETREK/ BT SPEAKER/ SPEAKY/ 00110418002-001/ VERT./2402MHz
 Date: 11.MAY.2011 16:44:45

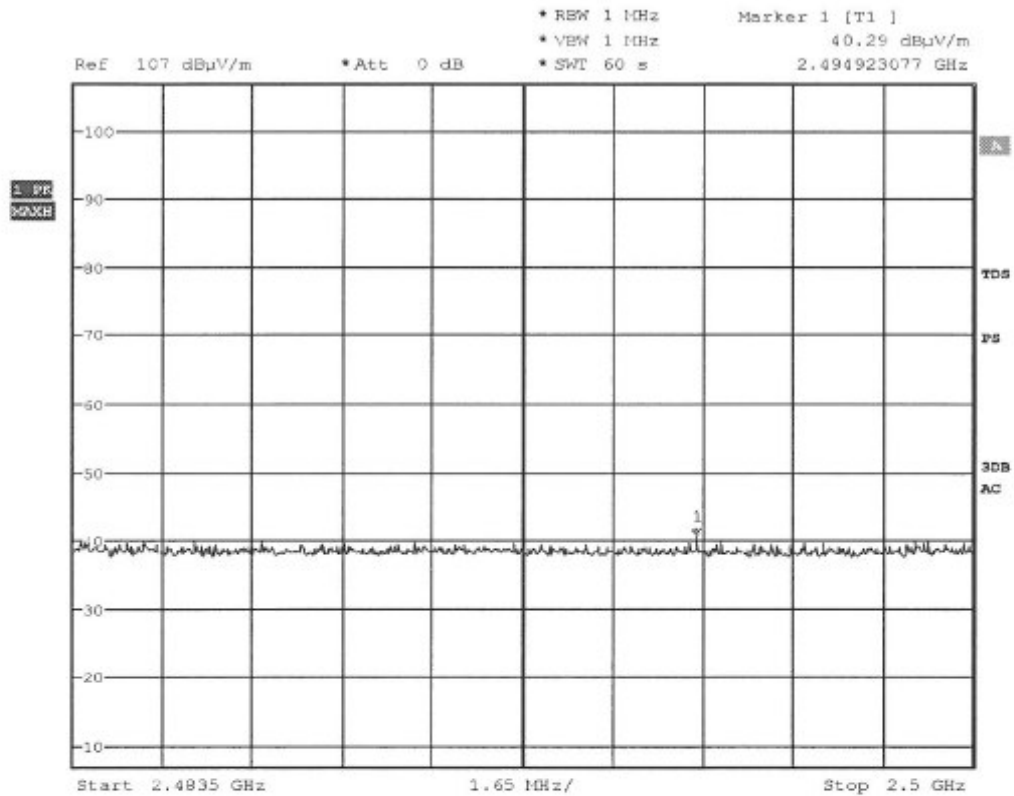


BLUETREK/ BT SPEAKER/ SPEAKY/ 00110418002-001/ HORI./2402MHz
Date: 11.MAY.2011 16:45:57

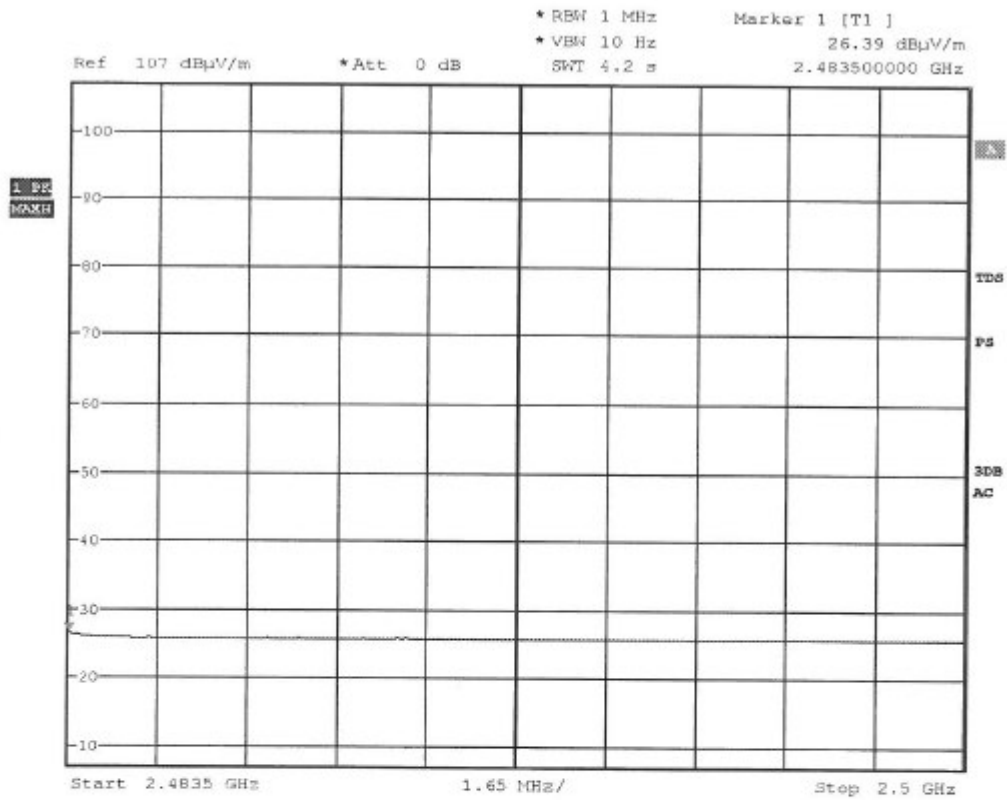


BLUETREK/ BT SPEAKER/ SPEAKY/ 00110418002-001/ HORI./2402MHz
 Date: 11.MAY.2011 16:46:14

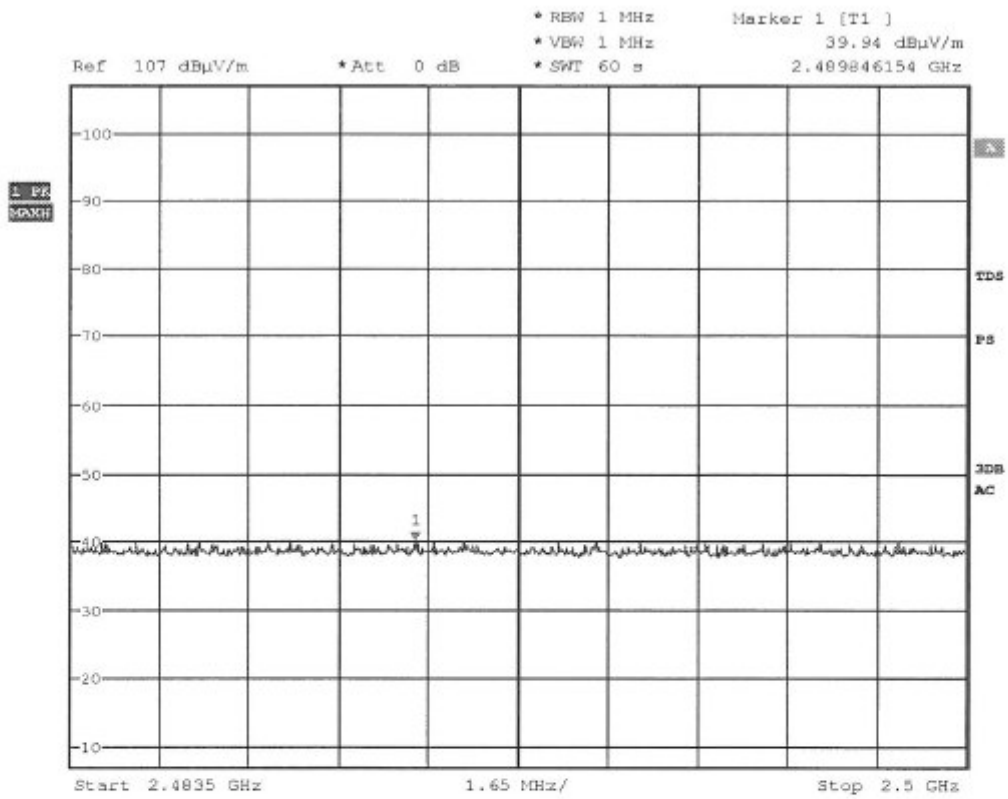
Tx frequency: 2480MHz (radiated measurement)



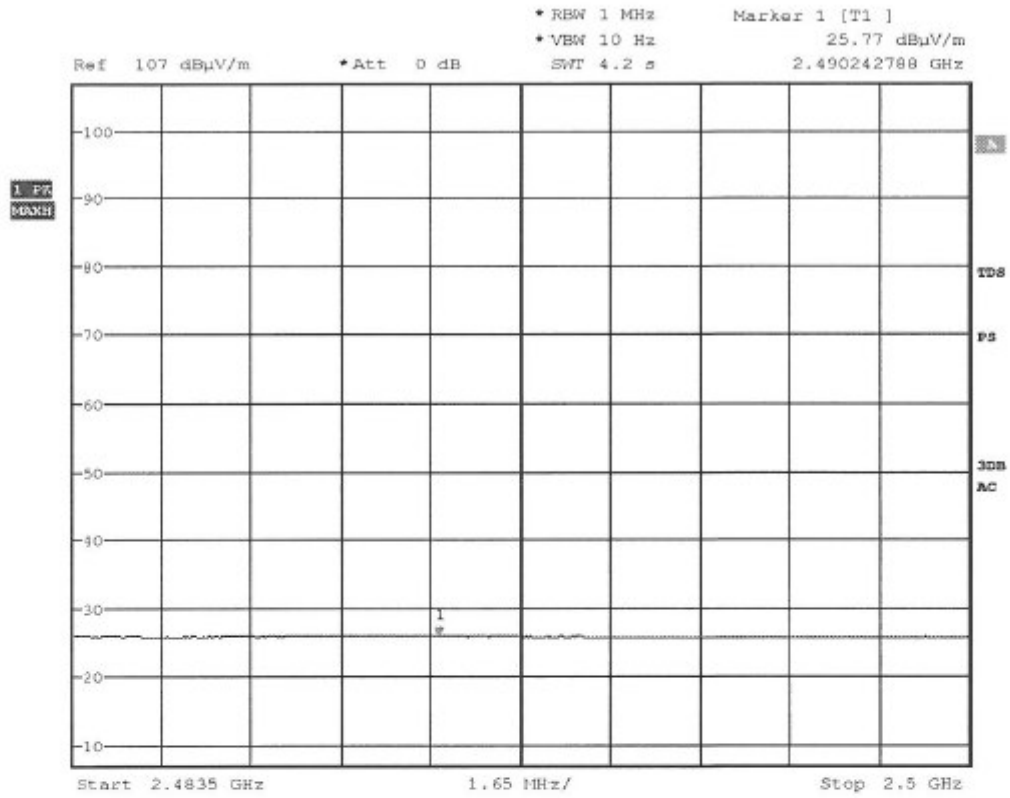
BLUETREK/ BT SPEAKER/ SPEAKY/ 00110410002-001/ VERT./2480MHz
 Date: 11.MAY.2011 12:56:19



BLUETREK/ BT SPEAKER/ SPEAKY/ 00110418002-001/ VERT./2480MHz
 Date: 11.MAY.2011 12:56:31



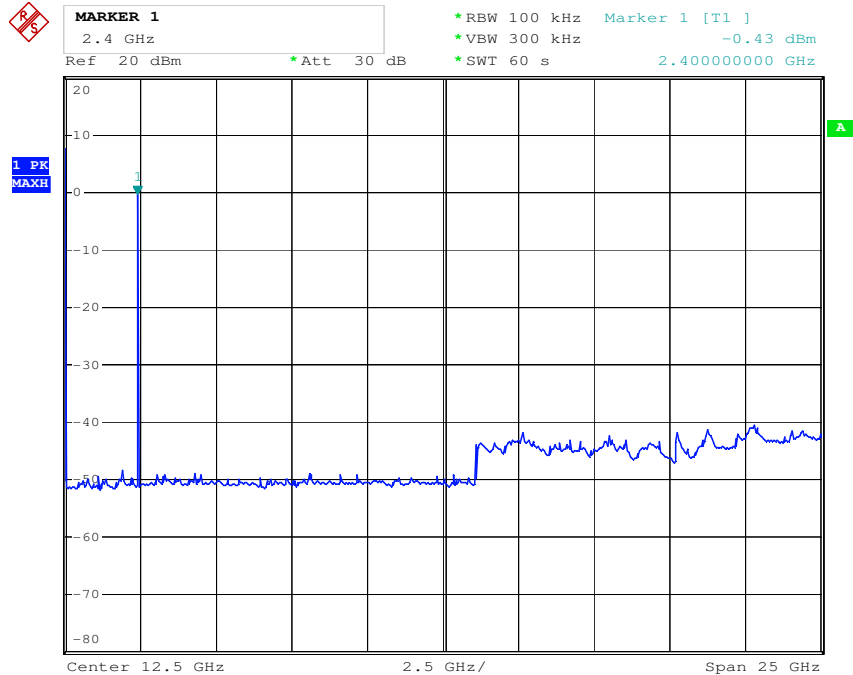
BLUETREK/ BT SPEAKER/ SPEAKY/ 00110418002-001/ HORI./2480MHz
Date: 11.MAY.2011 12:54:41



BLUETREK/ BT SPEAKER/ SPEAKY/ 00110418002-001/ HORI./2480MHz
 Date: 11.MAY.2011 12:55:07

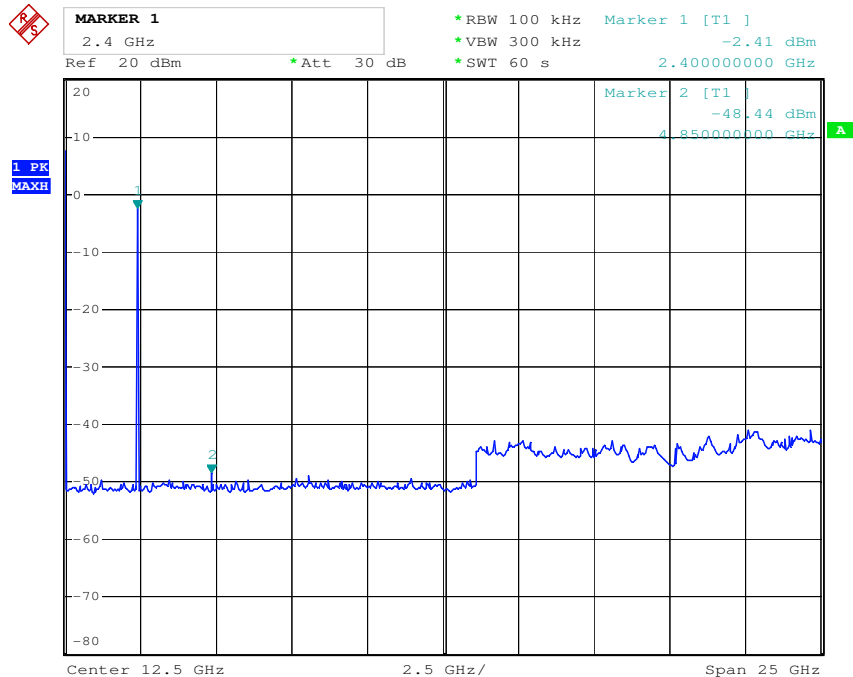
Spurious Emissions - Conducted

Tx frequency: 2402MHz



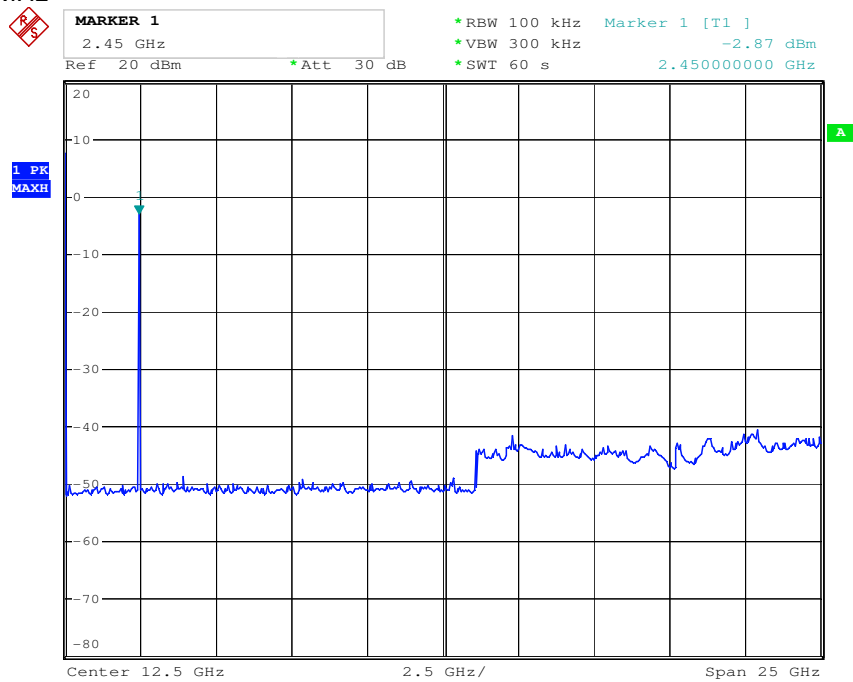
Date: 30.MAY.2011 15:49:13

Tx frequency: 2441MHz



Date: 30.MAY.2011 15:52:26

Tx frequency: 2480MHz



Date: 30.MAY.2011 15:54:54