

Appendix 1

Test Results

Disturbance Voltage on AC Mains

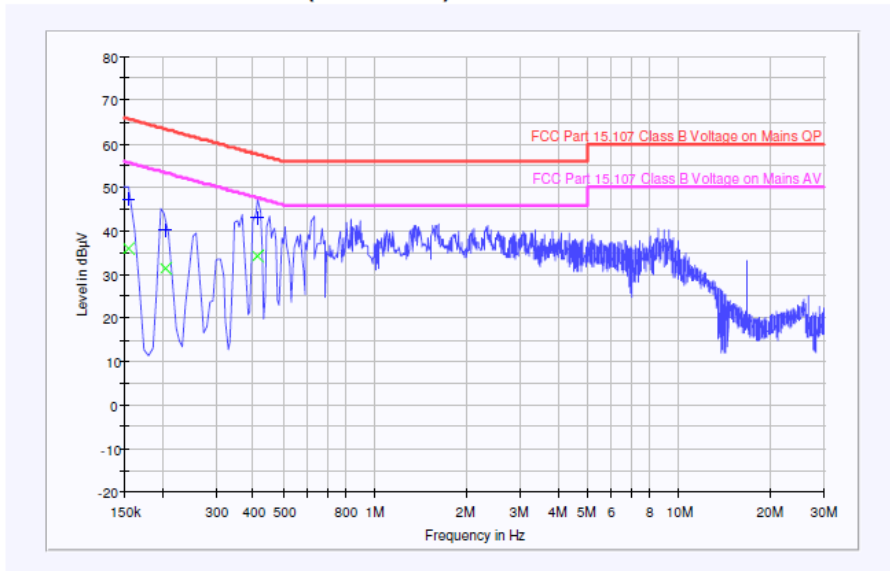
TUV Rheinland Hong Kong Ltd.

Continuous Disturbance

Test Information

EUT Name:	Witron BT Handset
Serial Number:	MM03i(00110912148-001)
Test Description:	FCC Part 15
Operating Conditions:	Charging + BT link Mode
Operator Name:	Chung
Comment:	110V 60Hz
Description	CE L1

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



Result Table Single

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
0.156000	47.4	36.1
0.414000	43.1	34.4
0.205000	40.2	31.5

28/09/2011

15:50:26

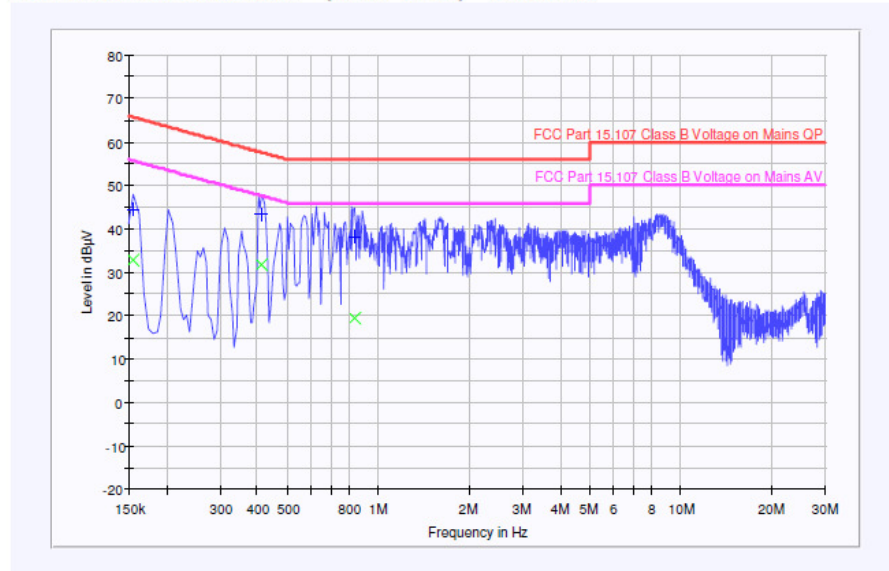
TUV Rheinland Hong Kong Ltd.

Continuous Disturbance

Test Information

EUT Name:	Witron BT Handset
Serial Number:	MM03i(00110912148-001)
Test Description:	FCC Part 15
Operating Conditions:	Charging + BT link Mode
Operator Name:	Chung
Comment:	110V 60Hz
Description:	CE N

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



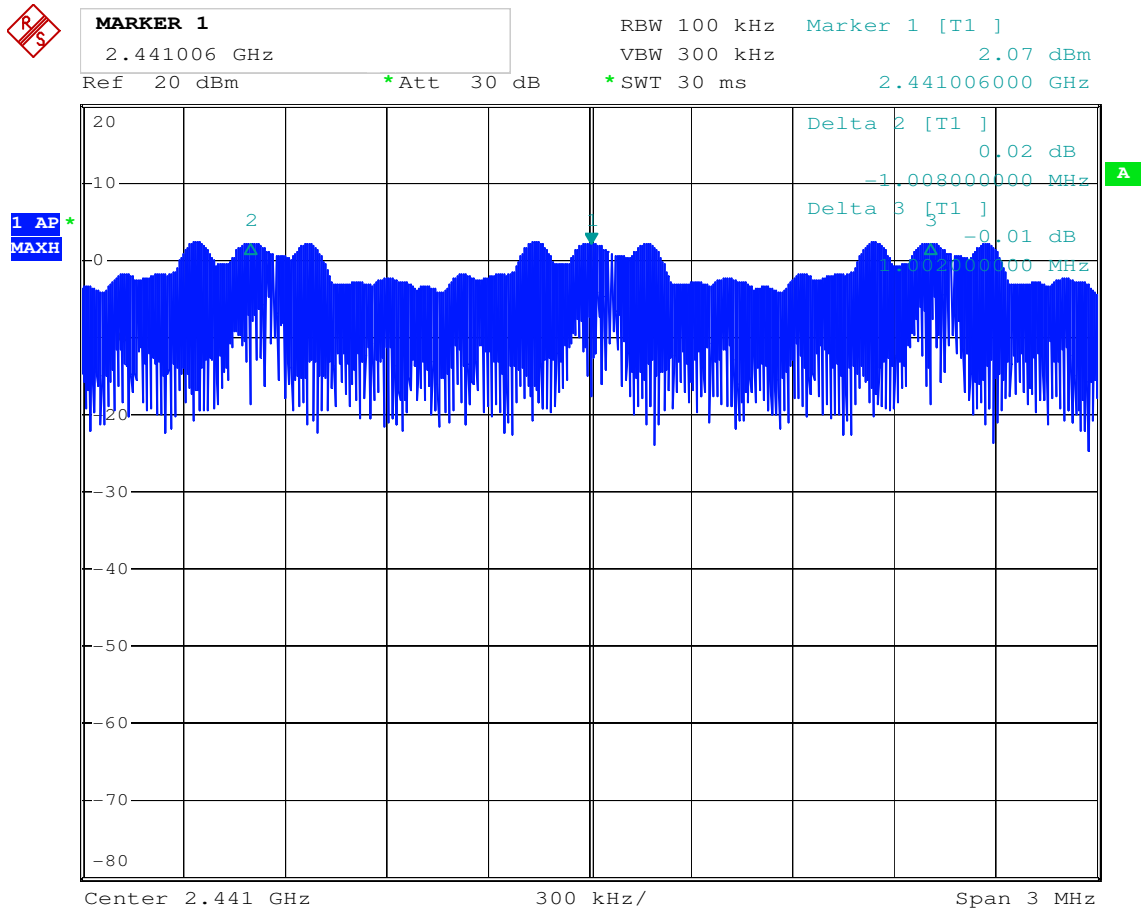
Result Table Single

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
0.414000	43.6	31.7
0.156000	44.4	32.9
0.834000	38.3	19.4

28/09/2011

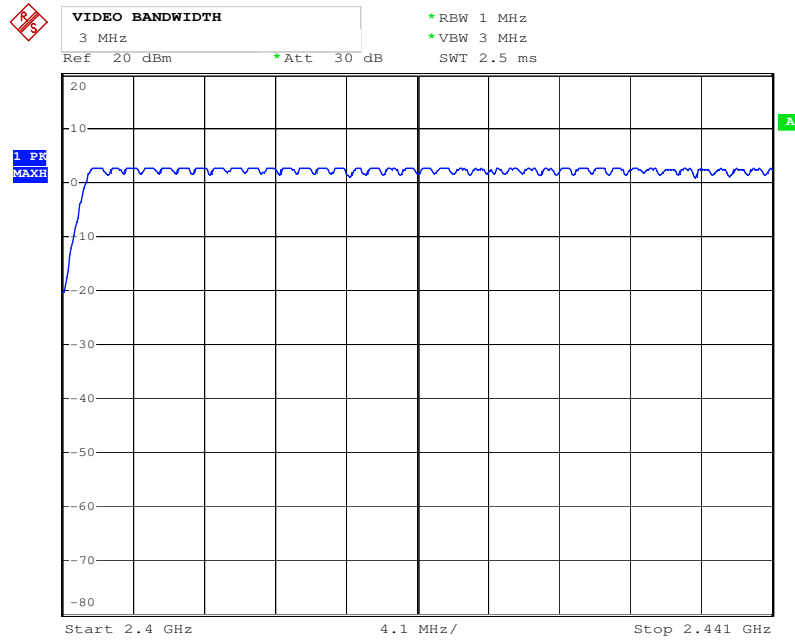
15:58:33

Carrier Frequency Separation

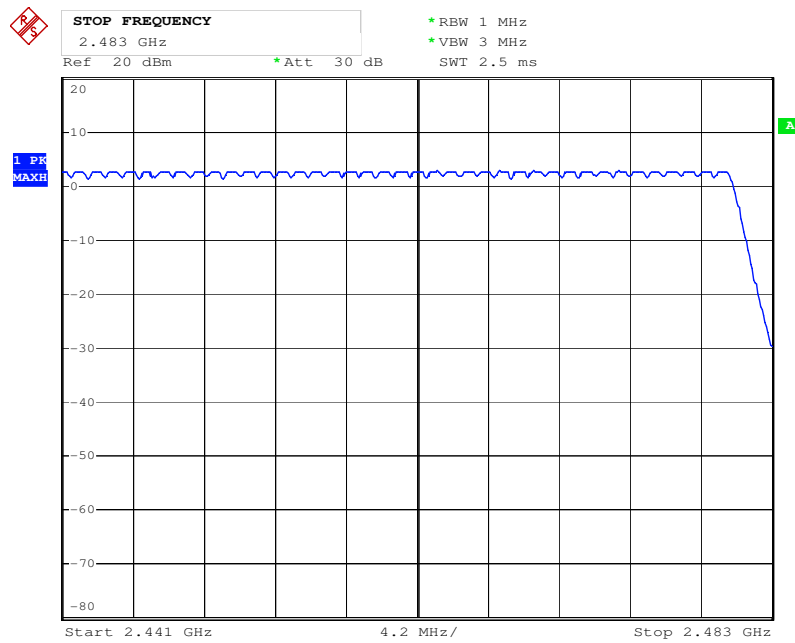


Date: 28.SEP.2011 16:26:31

Number of hopping channels

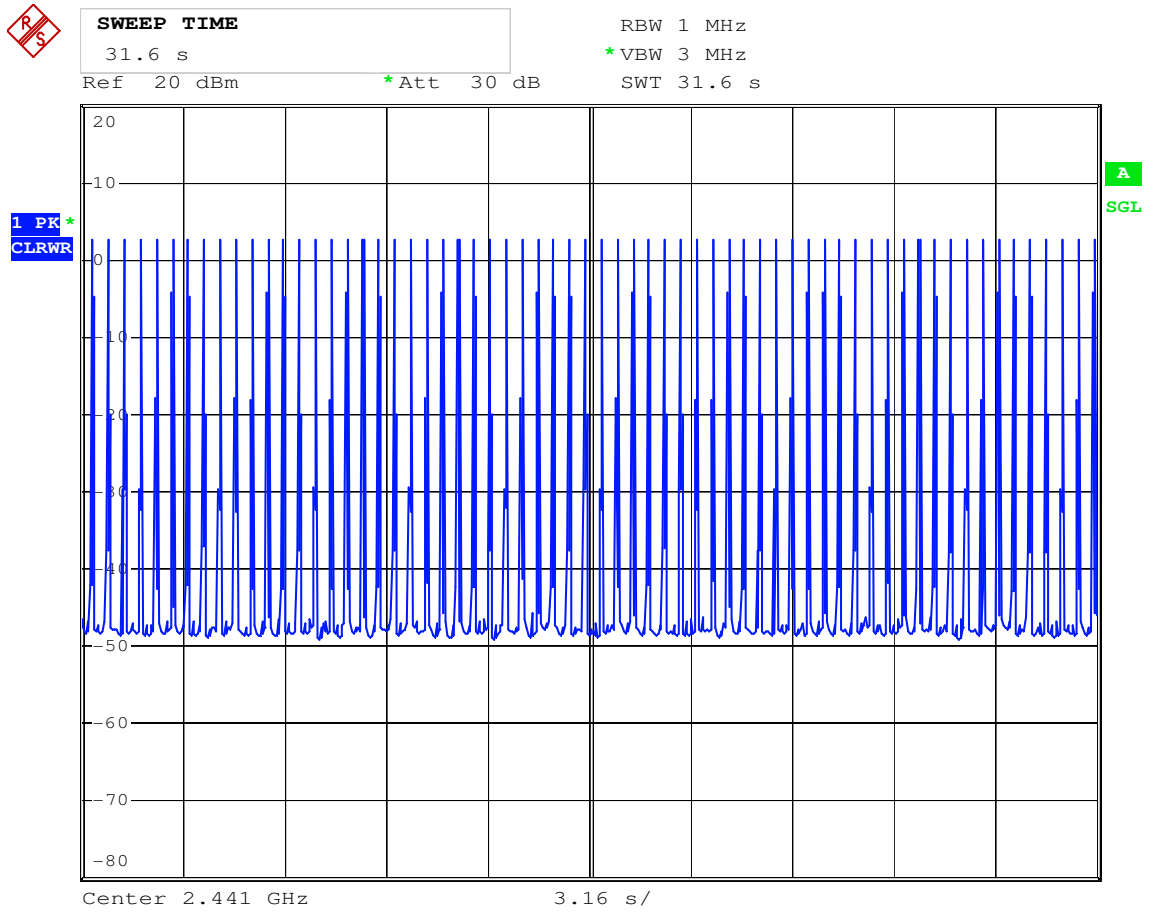


Date: 28.SEP.2011 17:00:48

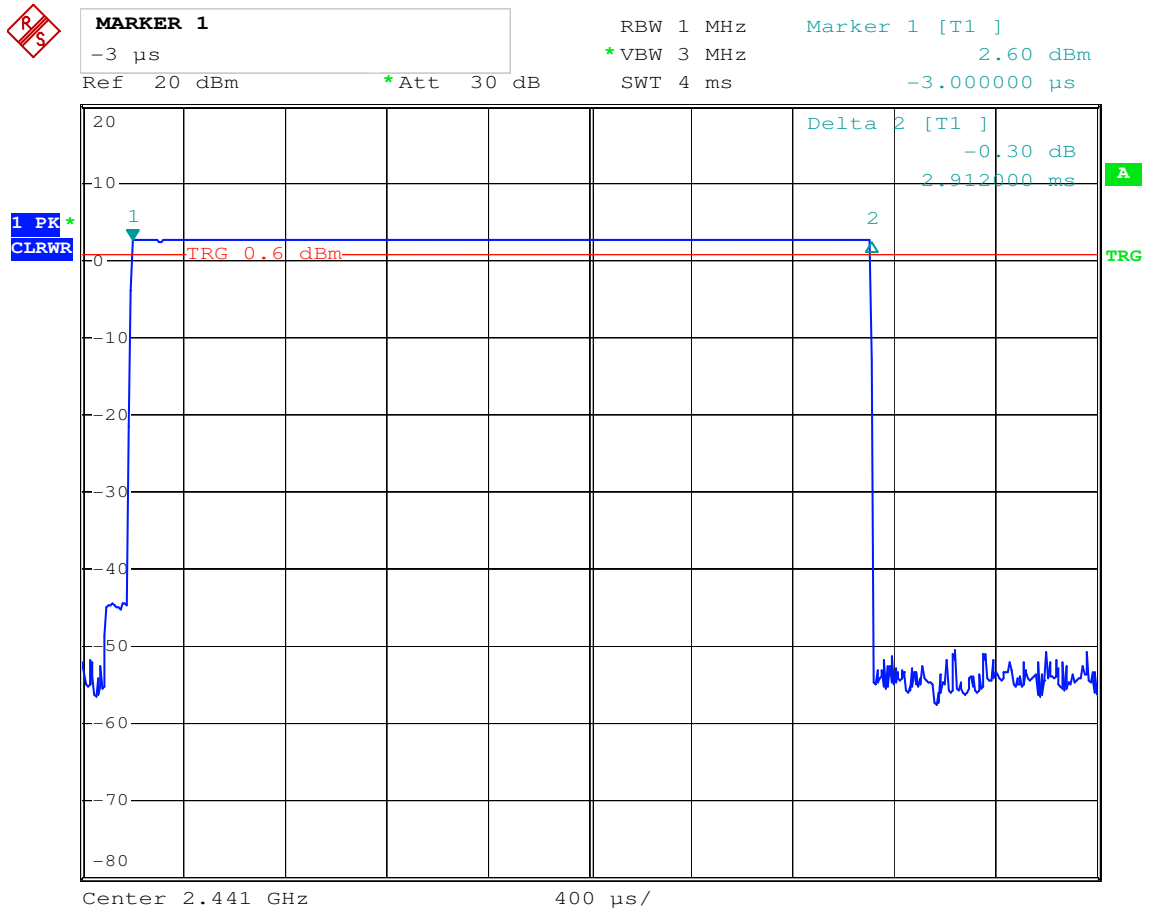


Date: 28.SEP.2011 17:01:55

Dwell Time



Date: 28.SEP.2011 17:03:46

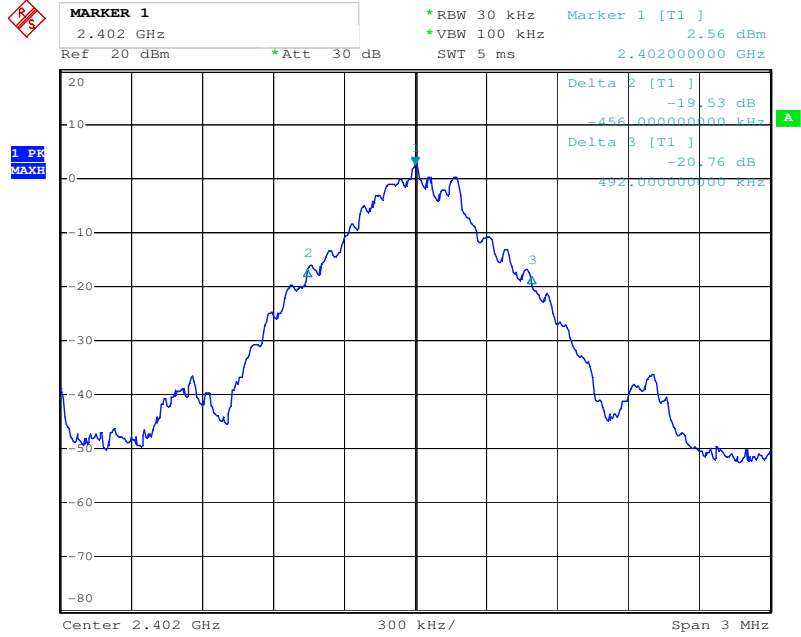


Date: 28.SEP.2011 17:04:55

20dB Bandwidth

Modulation: GFSK

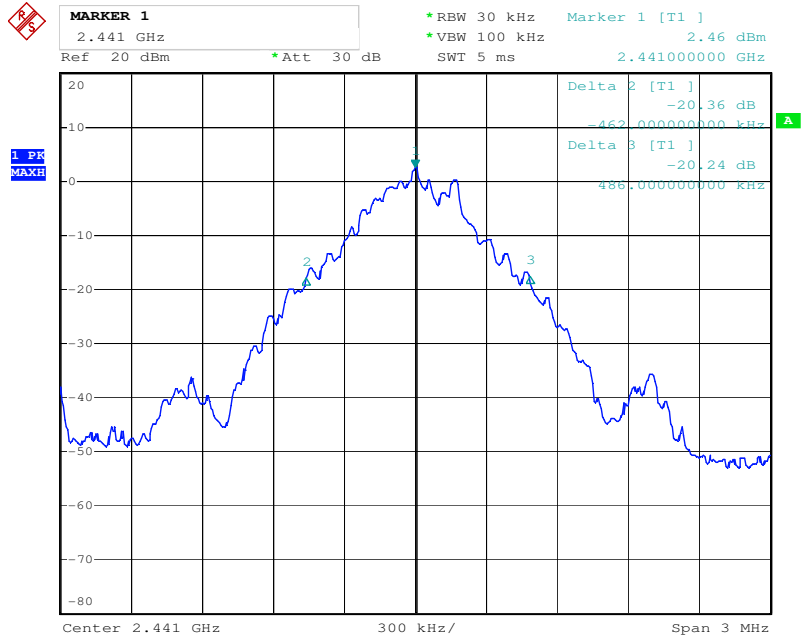
Tx frequency: 2402MHz



Date: 28.SEP.2011 17:08:09

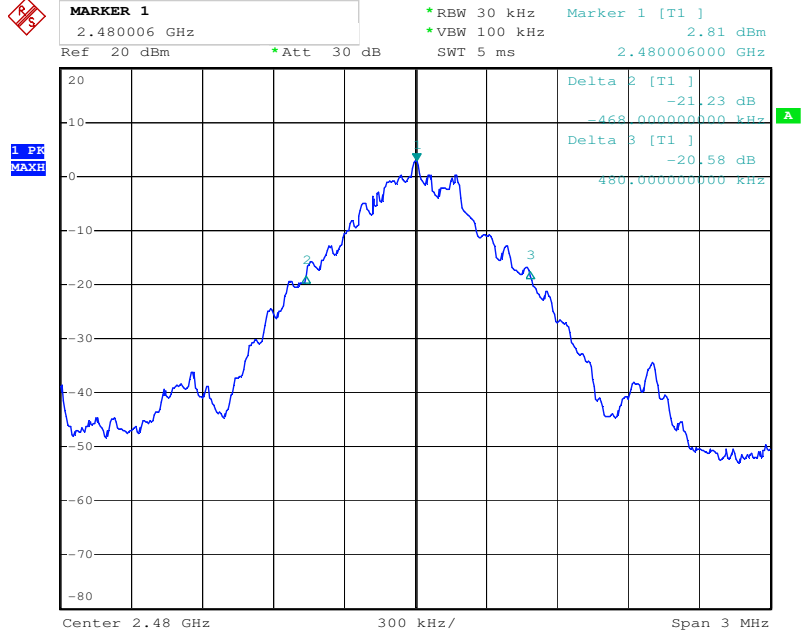
Modulation: GFSK

Tx frequency: 2441MHz



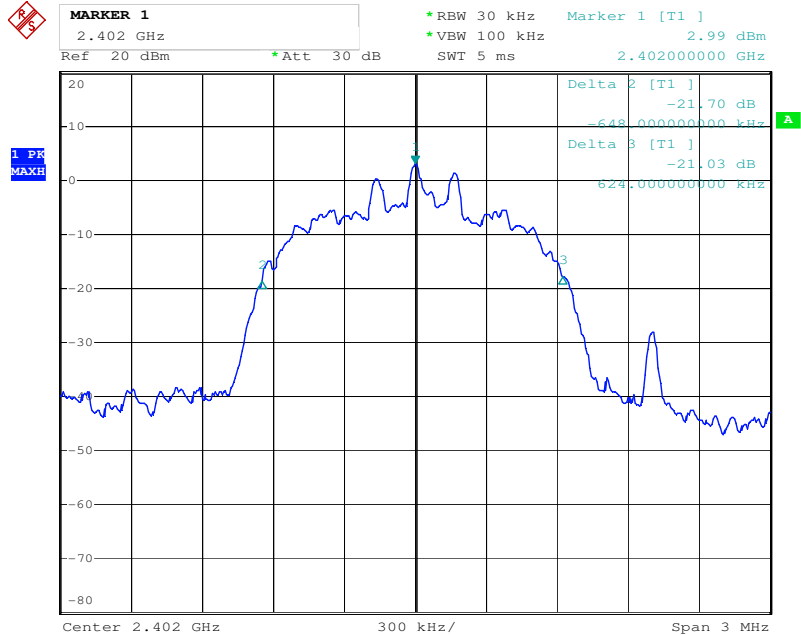
Date: 28.SEP.2011 17:09:40

Modulation: GFSK
Tx frequency: 2480MHz



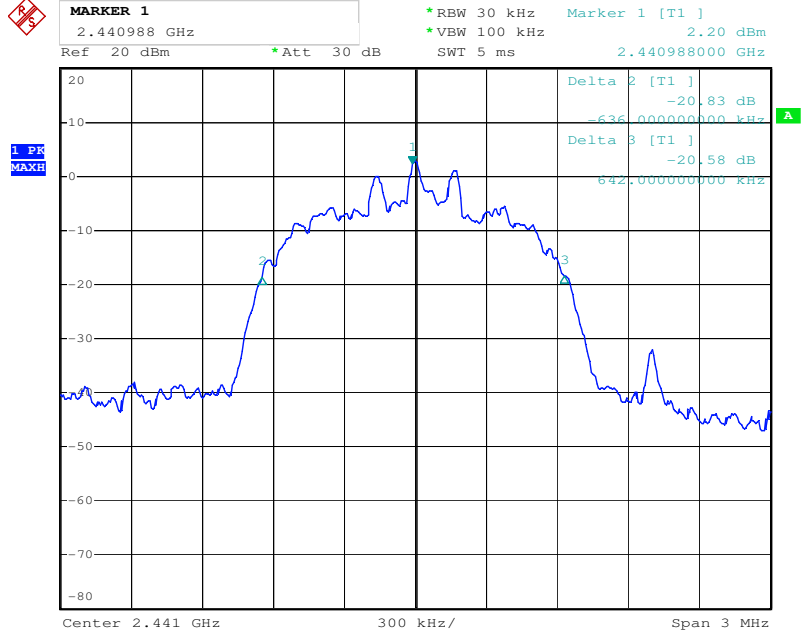
Date: 28.SEP.2011 17:10:32

Modulation: 8DPSK
Tx frequency: 2402MHz



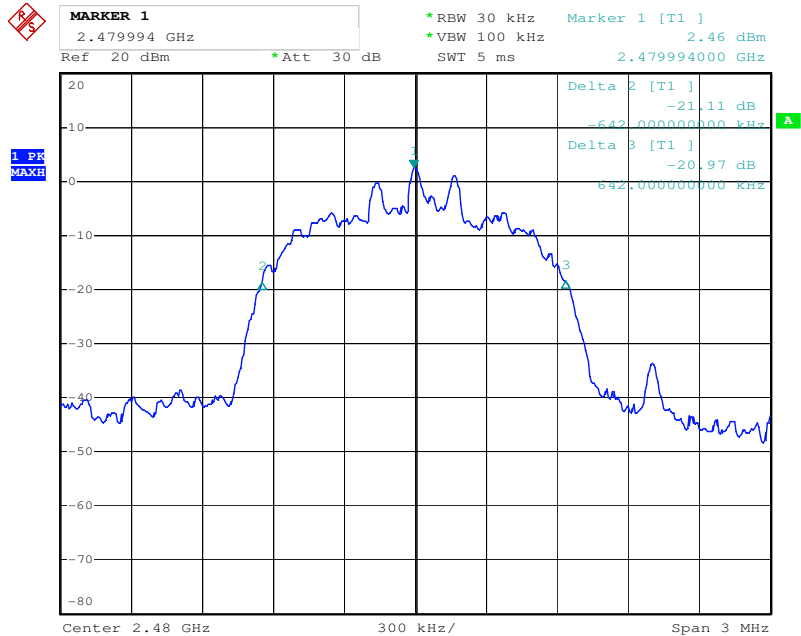
Date: 28.SEP.2011 17:16:41

Modulation: 8DPSK
Tx frequency: 2441MHz



Date: 28.SEP.2011 17:14:40

Modulation: 8DPSK
Tx frequency: 2480MHz

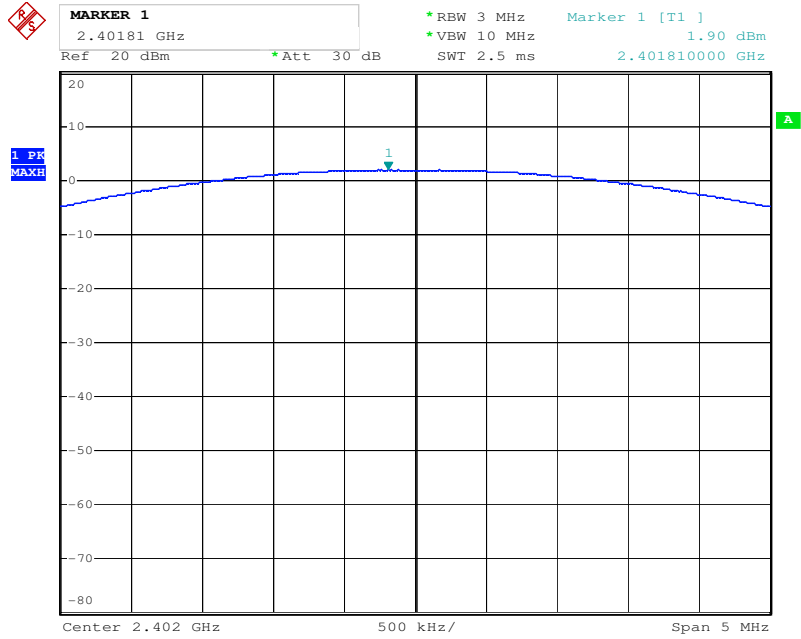


Date: 28.SEP.2011 17:12:39

Peak Output Power

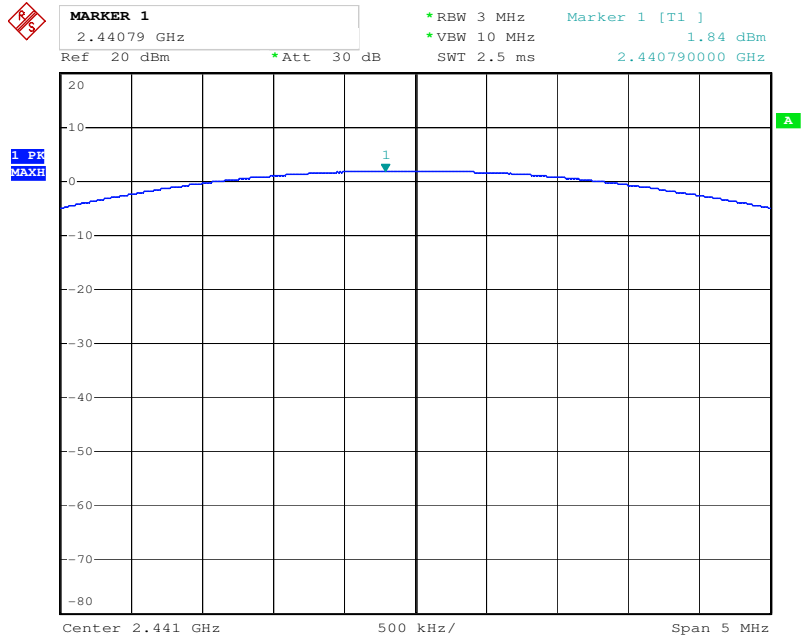
Modulation: GFSK

Tx frequency: 2402MHz

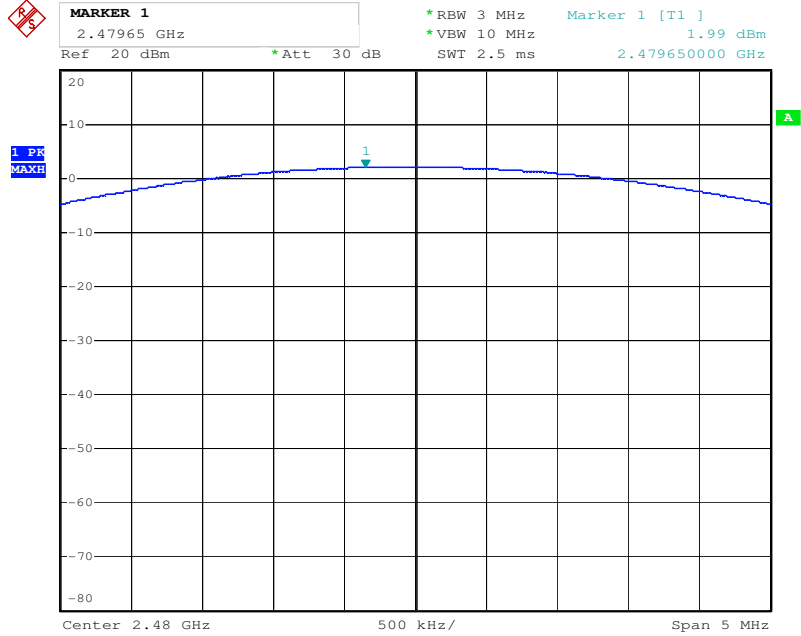


Modulation: GFSK

Tx frequency: 2441MHz

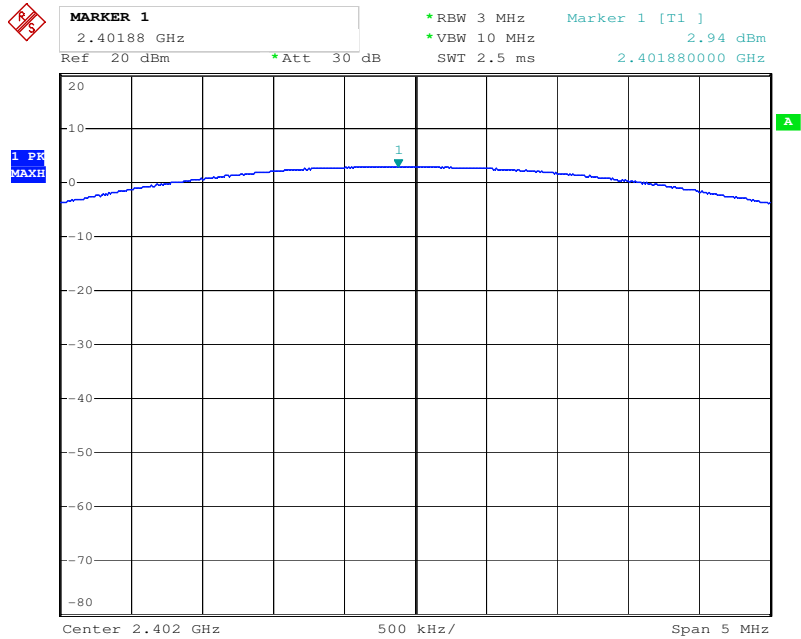


Modulation: GFSK
Tx frequency: 2480MHz



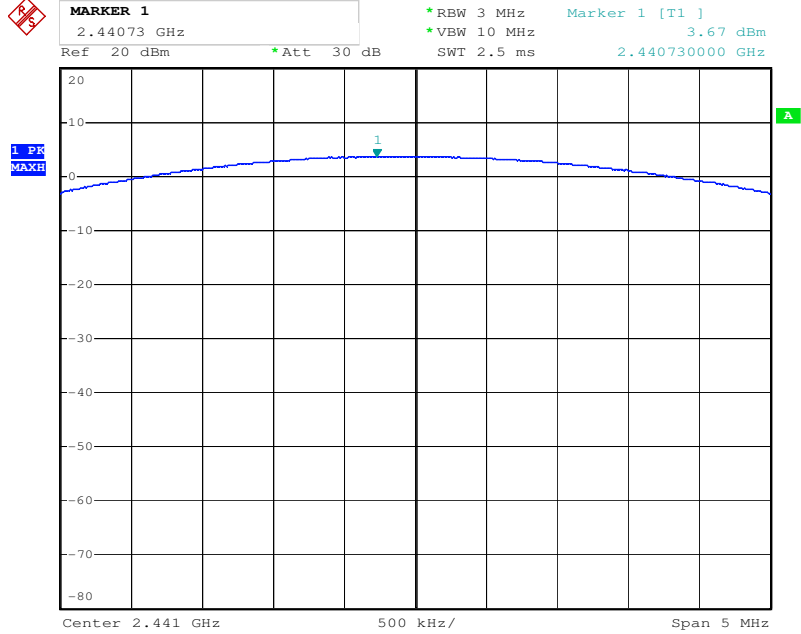
Date: 28.SEP.2011 18:12:29

Modulation: Pi/4 DQPSK
Tx frequency: 2402MHz



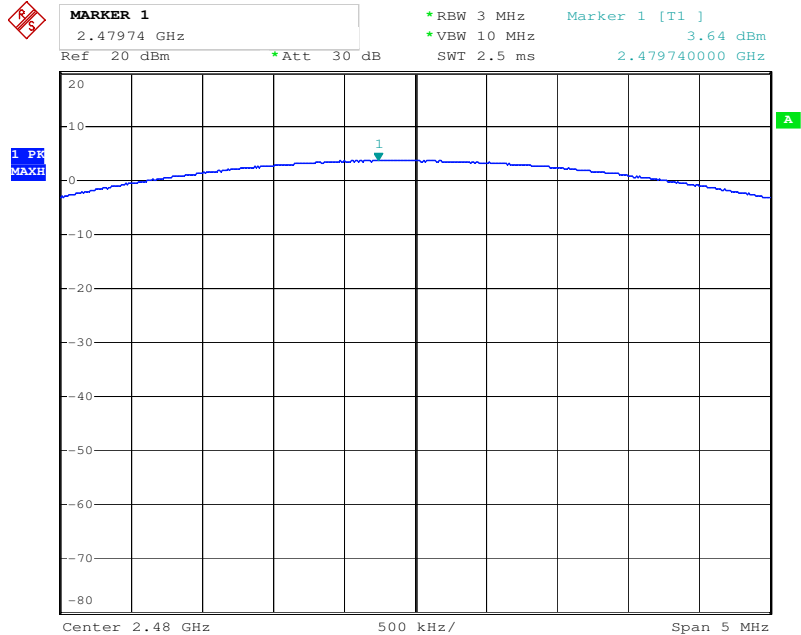
Date: 28.SEP.2011 18:09:43

Modulation: Pi/4 DQPSK
Tx frequency: 2441MHz



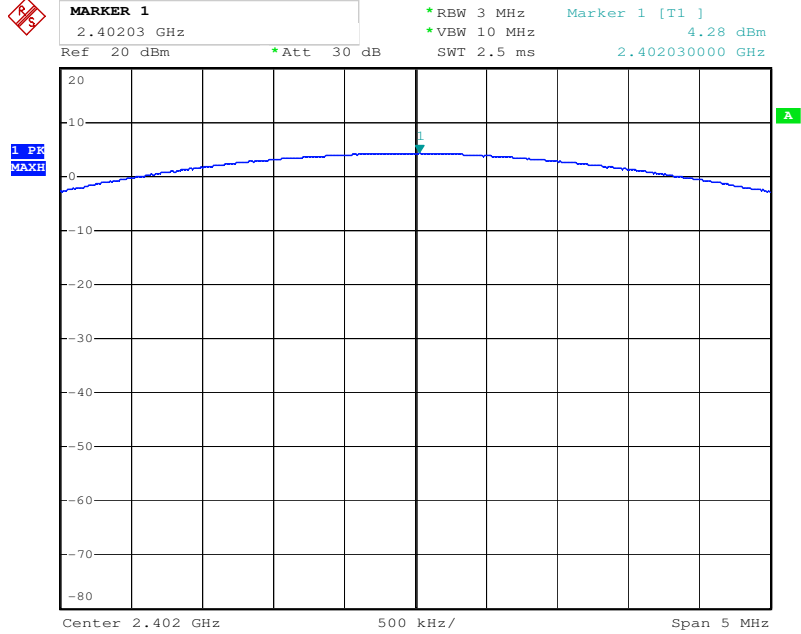
Date: 28.SEP.2011 17:21:22

Modulation: Pi/4 DQPSK
Tx frequency: 2480MHz



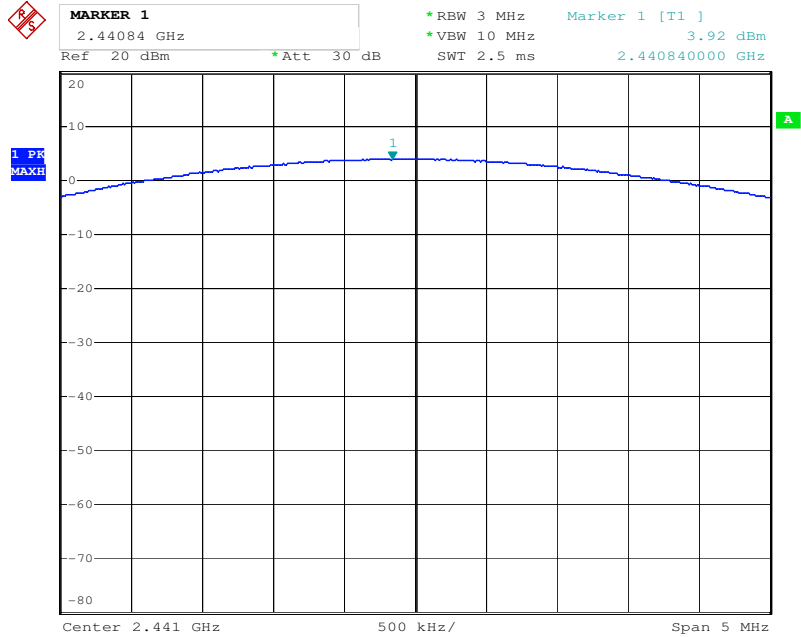
Date: 28.SEP.2011 17:20:34

Modulation: 8DPSK
Tx frequency: 2402MHz



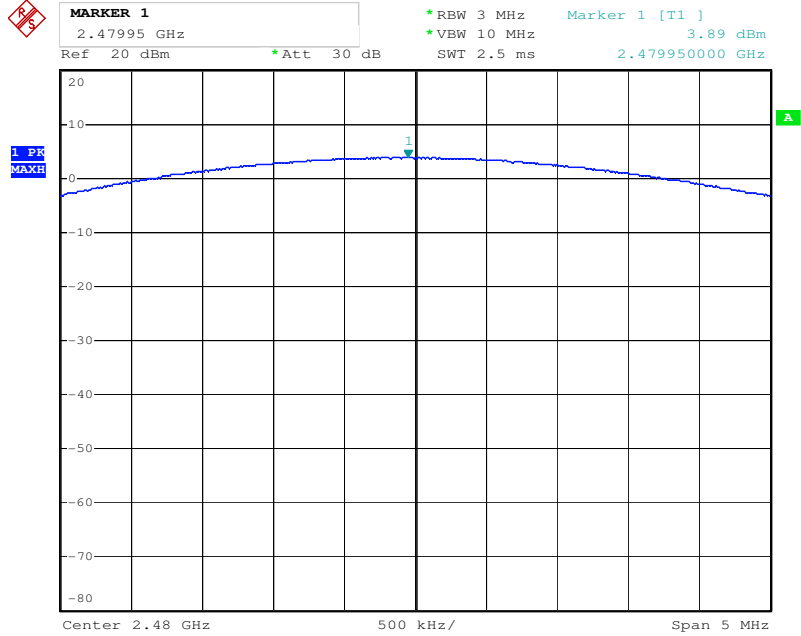
Date: 28.SEP.2011 17:18:11

Modulation: 8DPSK
Tx frequency: 2441MHz



Date: 28.SEP.2011 17:19:14

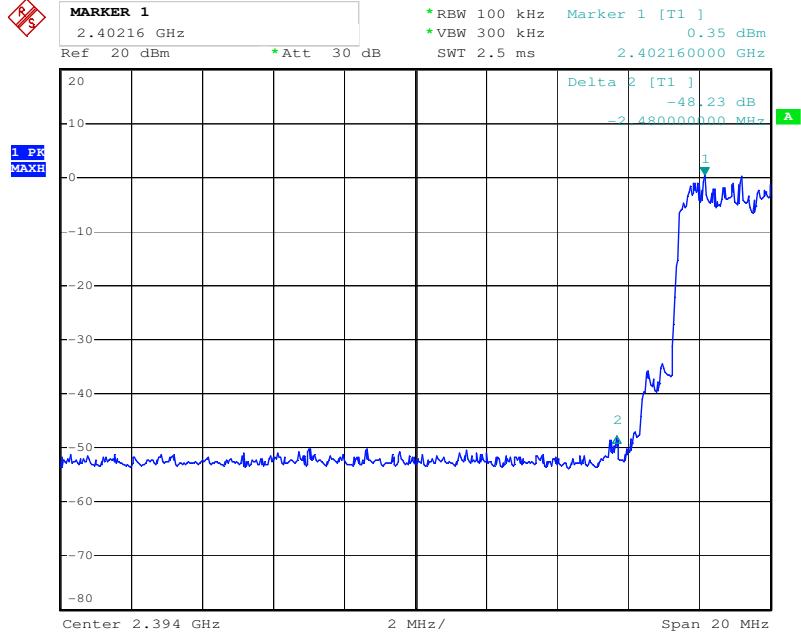
Modulation: 8DPSK
Tx frequency: 2480MHz



Date: 28.SEP.2011 17:19:50

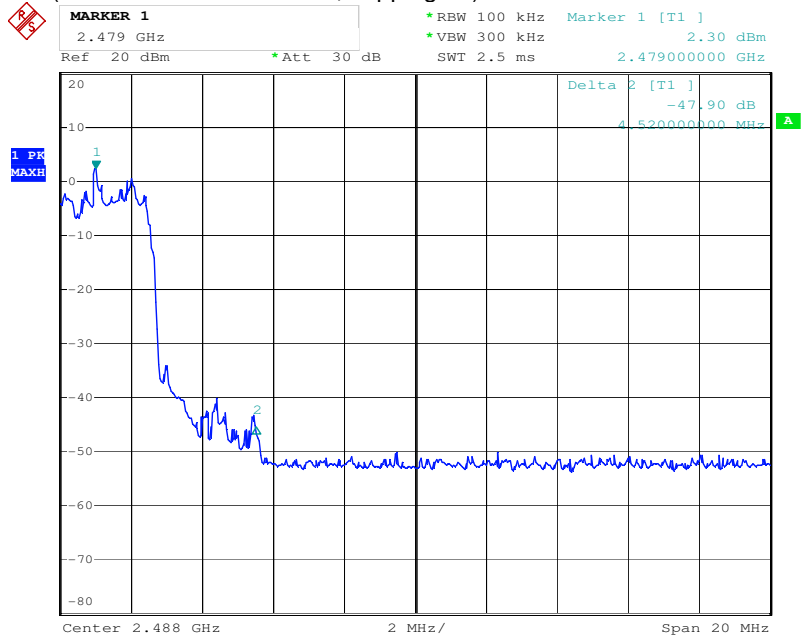
Band Edge Compliance

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



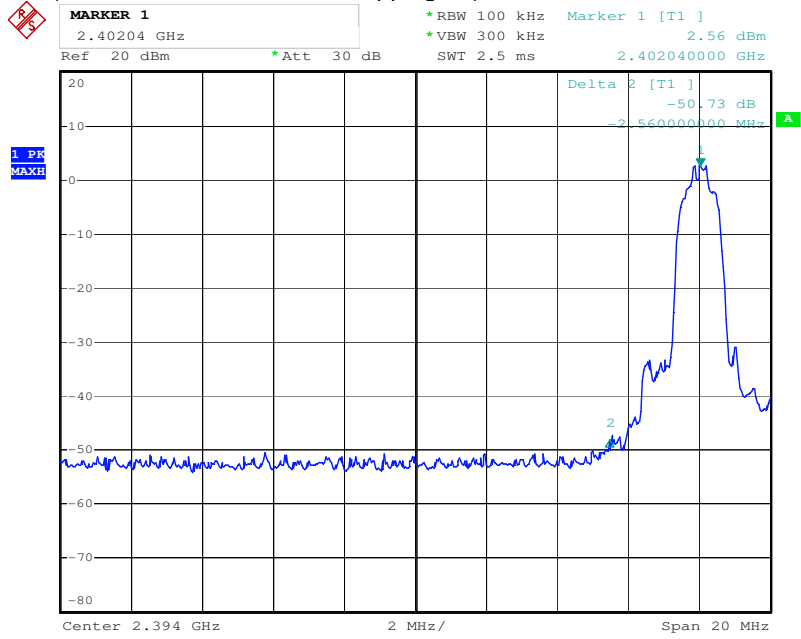
Date: 28.SEP.2011 18:17:36

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



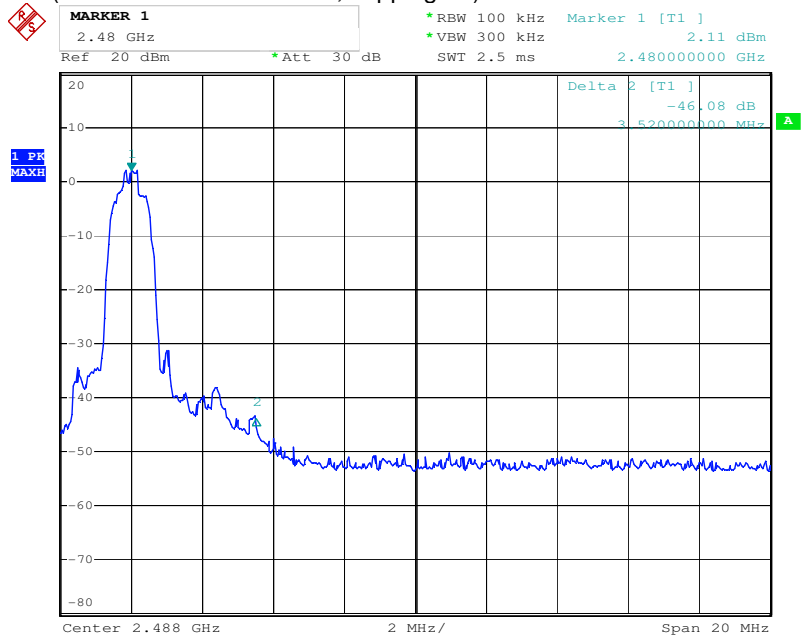
Date: 28.SEP.2011 18:19:03

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



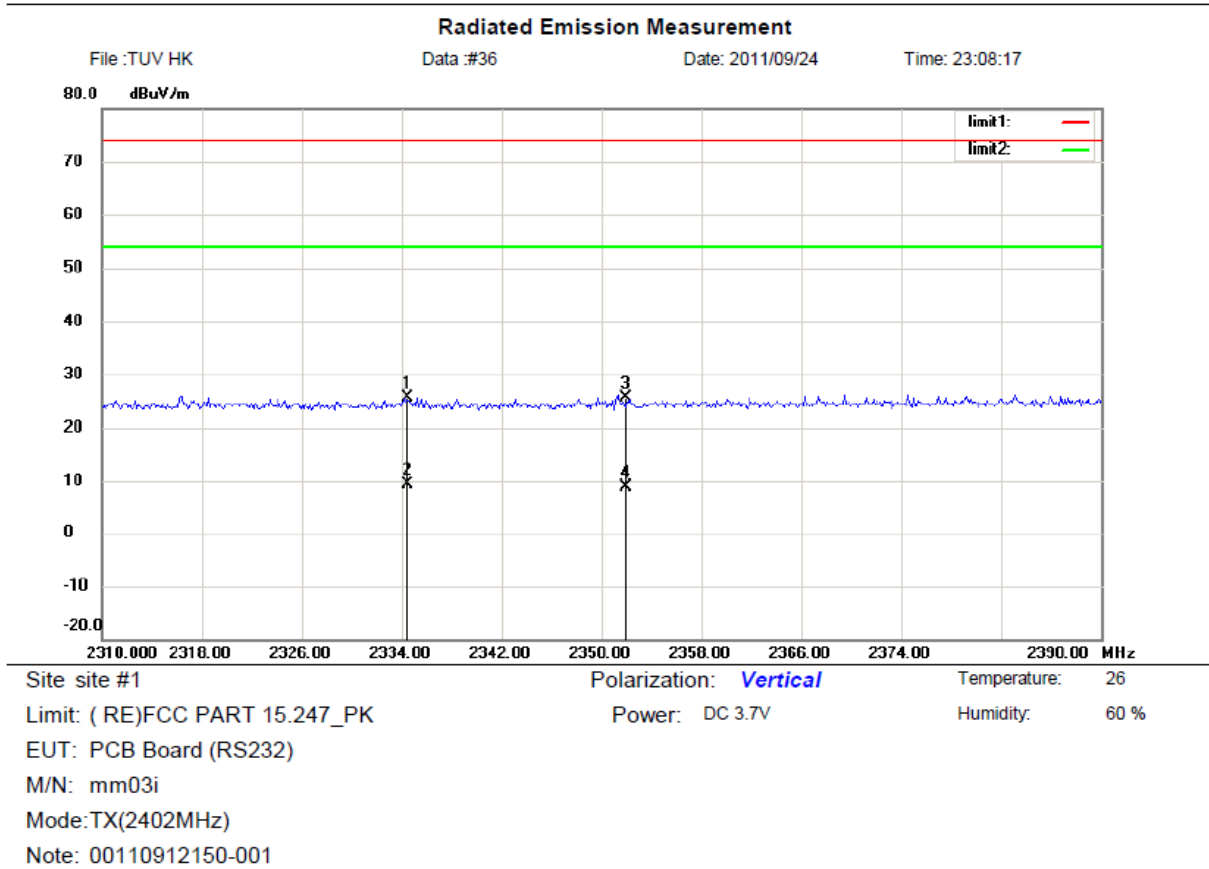
Date: 28.SEP.2011 18:16:27

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



Date: 28.SEP.2011 18:15:19

Tx frequency: 2402MHz (radiated measurement)



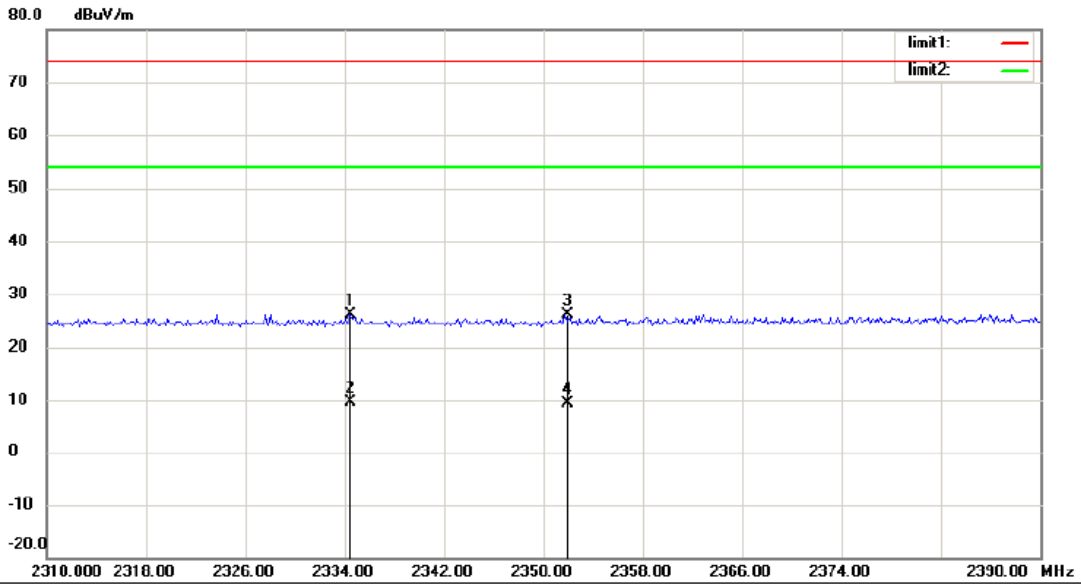
Radiated Emission Measurement

File :TUV HK

Data :#34

Date: 2011/09/24

Time: 23:05:18



Site site #1

Polarization: *Horizontal*

Temperature: 26

Limit: (RE)FCC PART 15.247_PK

Power: DC 3.7V

Humidity: 60 %

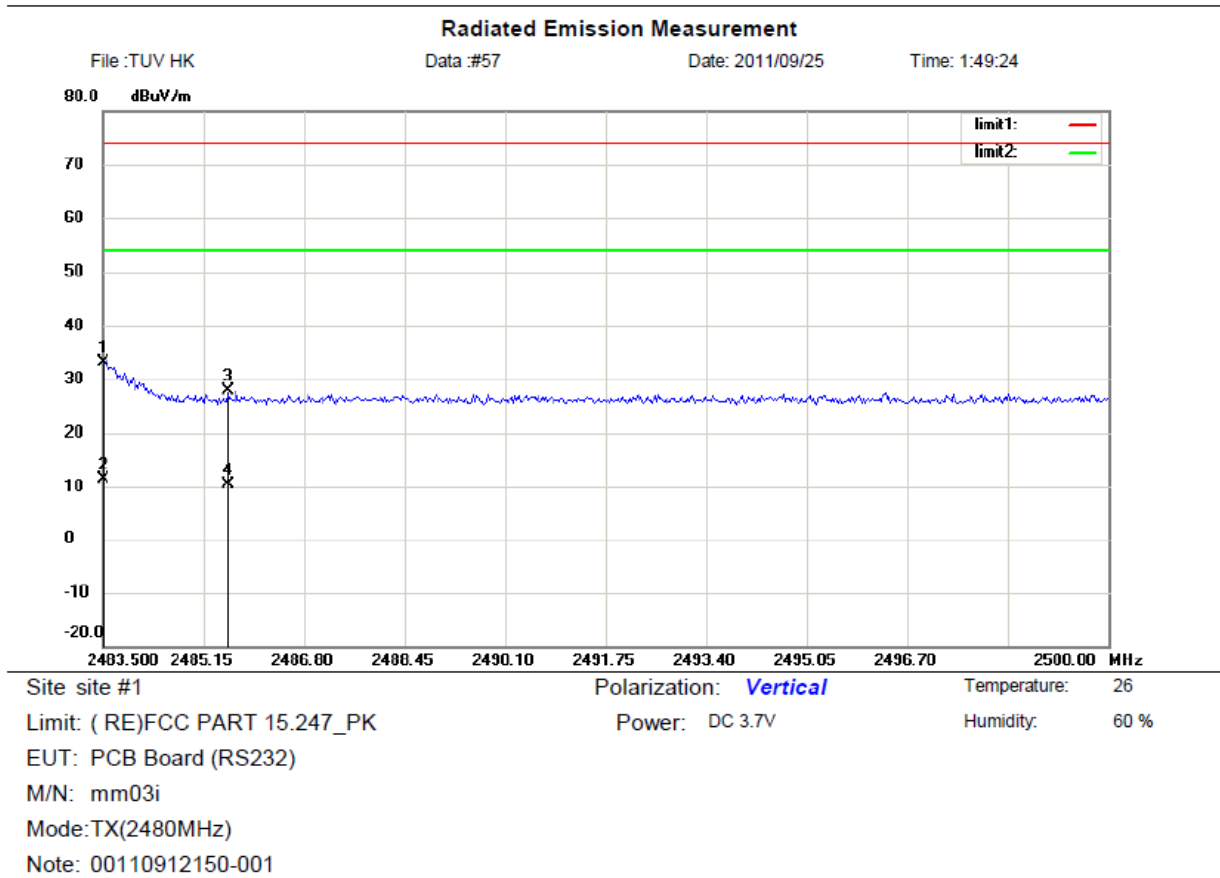
EUT: PCB Board (RS232)

M/N: mm03i

Mode:TX(2402MHz)

Note: 00110912150-001

Tx frequency: 2480MHz (radiated measurement)



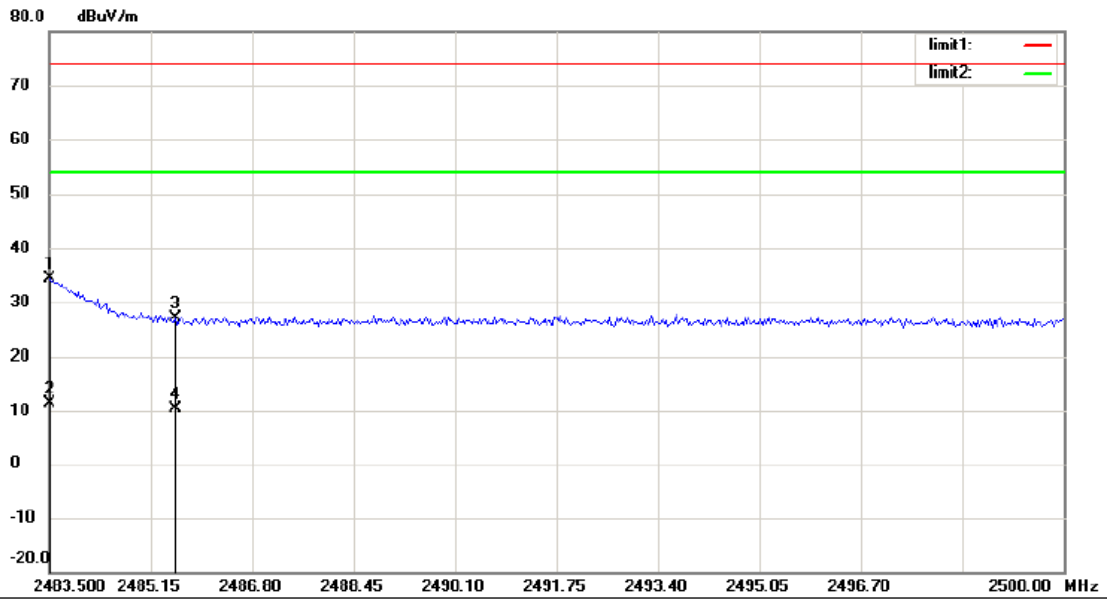
Radiated Emission Measurement

File :TUV HK

Data :#58

Date: 2011/09/25

Time: 1:58:25



Site site #1

Polarization: *Horizontal*

Temperature: 26

Limit: (RE)FCC PART 15.247_PK

Power: DC 3.7V

Humidity: 60 %

EUT: PCB Board (RS232)

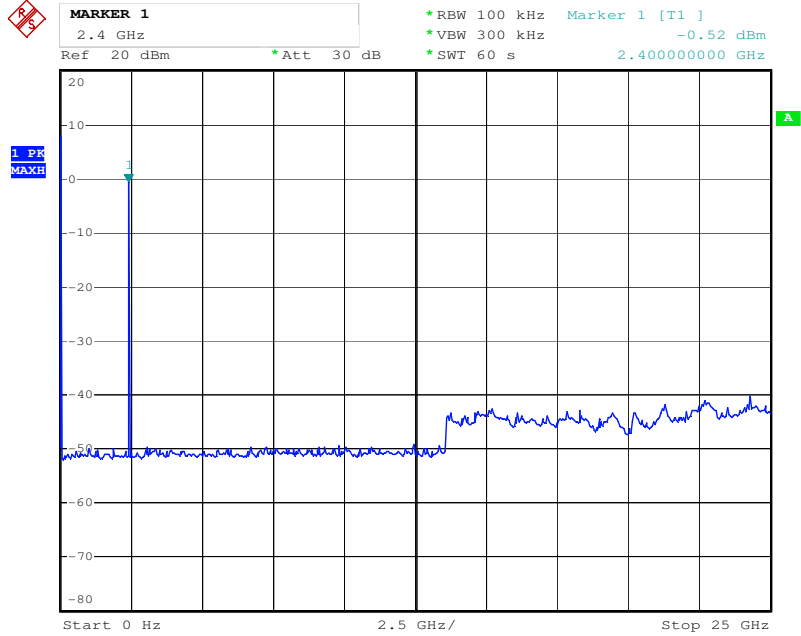
M/N: mm03i

Mode:TX(2480MHz)

Note: 00110912150-001

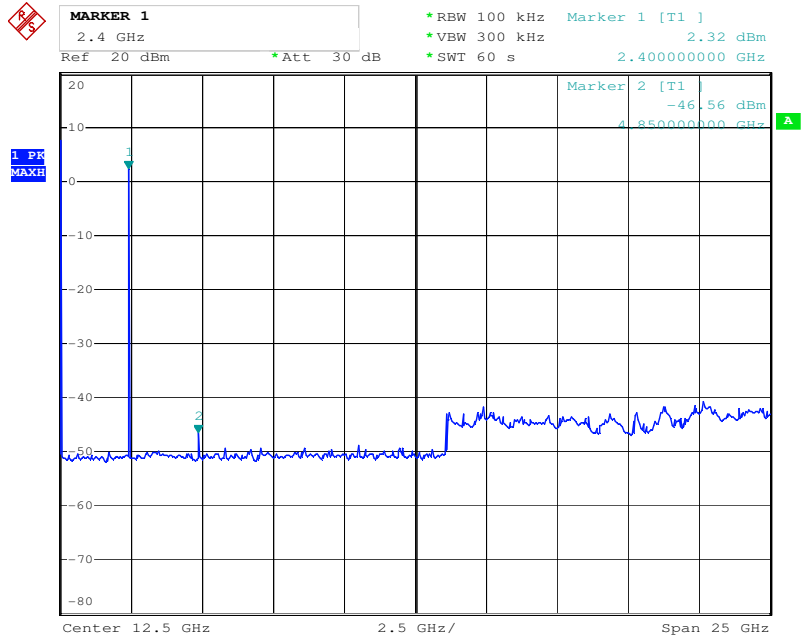
Spurious Emissions - Conducted

Tx frequency: 2402MHz



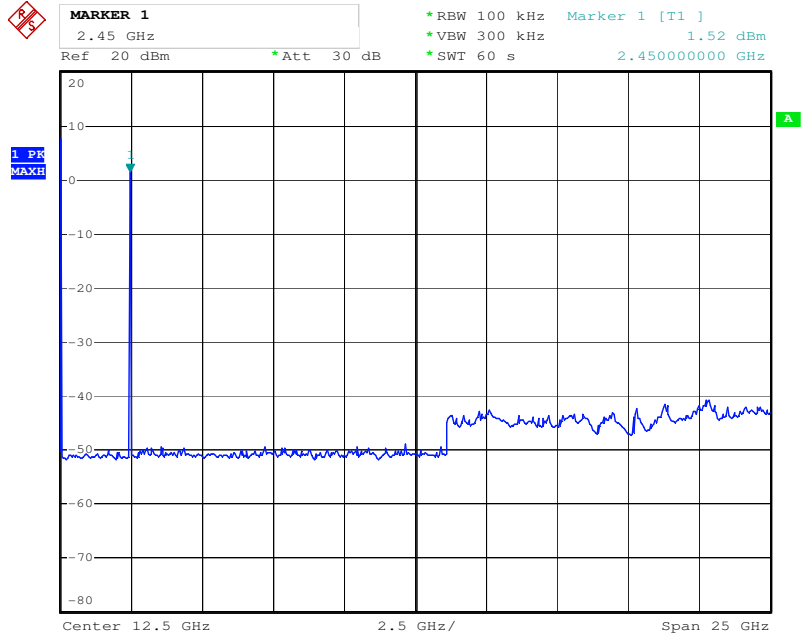
Date: 28.SEP.2011 18:22:09

Tx frequency: 2441MHz



Date: 28.SEP.2011 18:24:59

Tx frequency: 2480MHz



Date: 28.SEP.2011 18:27:29