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# **Appendix 1**

## **Test Results**

## Disturbance Voltage on AC Mains

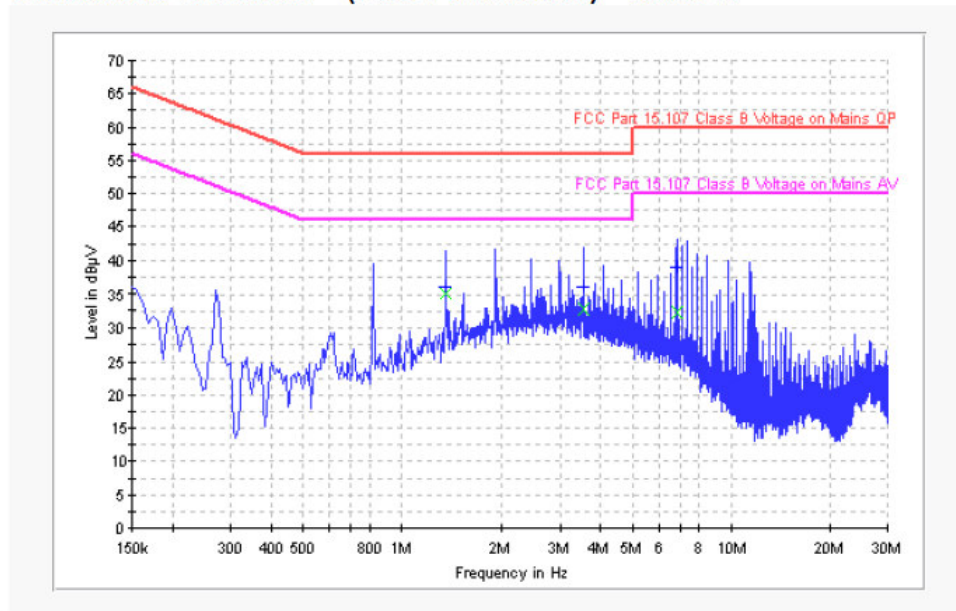
TUV Rheinland Hong Kong Ltd.

### Continuous Disturbance

#### Test Information

EUT Name:	Avantwave Docking Speaker Box
Serial Number:	Chairman Box (00110711195-002)
Test Description:	FCC Part 15.107 Class B
Operating Conditions:	Charging + Music Playing Mode
Operator Name:	Cyrus Chan
Comment:	120V 60Hz
Description:	CE L1

#### Conducted Emission (FCC Part 15.107) - Class B



#### Result Table Single

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
1.362000	35.9	35.1
3.540000	36.0	32.9
6.810000	38.9	32.4

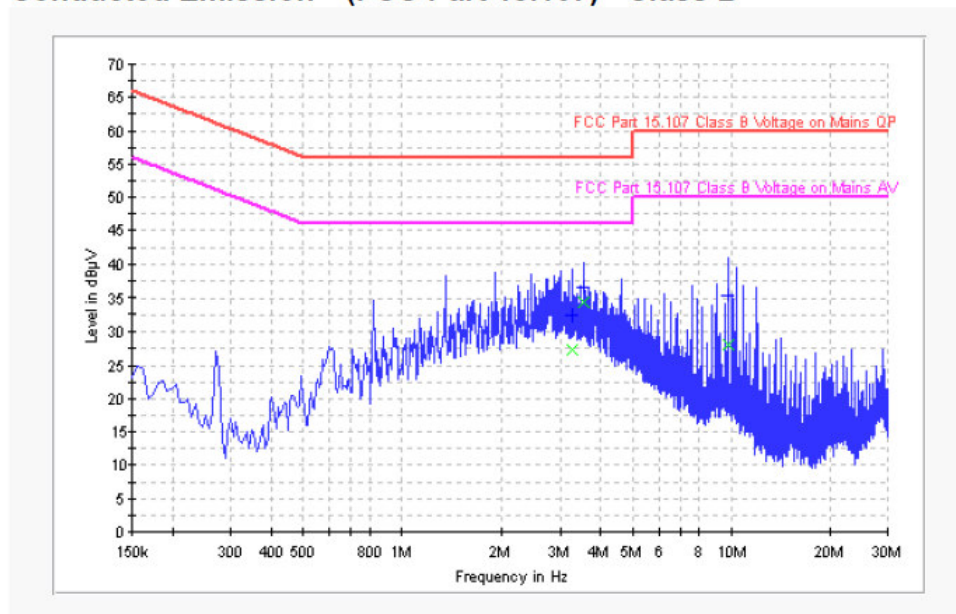
TUV Rheinland Hong Kong Ltd.

## Continuous Disturbance

### Test Information

EUT Name:	Avantwave Docking Speaker Box
Serial Number:	Chairman Box (00110711195-002)
Test Description:	FCC Part 15.107 Class B
Operating Conditions:	Charging + Music Playing Mode
Operator Name:	Cyrus Chan
Comment:	120V 60Hz
Description:	CE N

### Conducted Emission (FCC Part 15.107) - Class B



### Result Table Single

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
3.270000	32.3	27.5
3.540000	36.4	34.3
9.804000	35.2	28.2

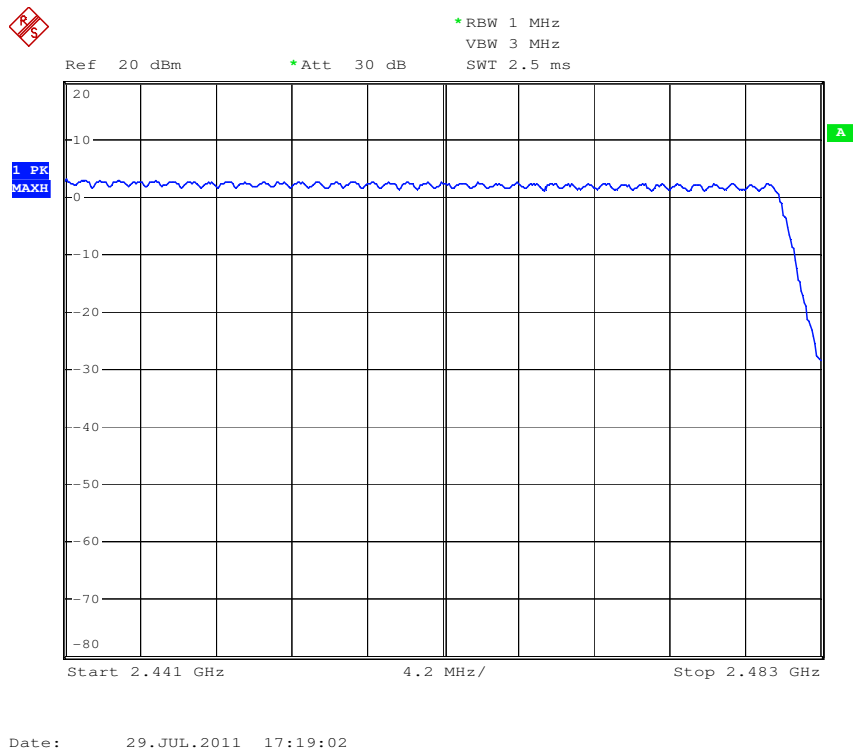
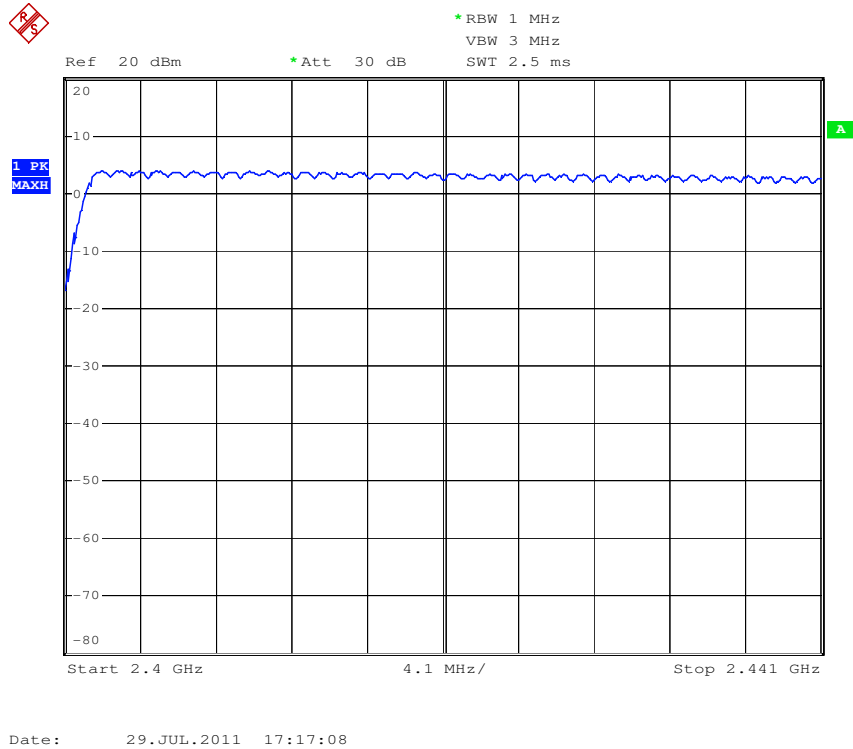
05/08/2011

15:43:16



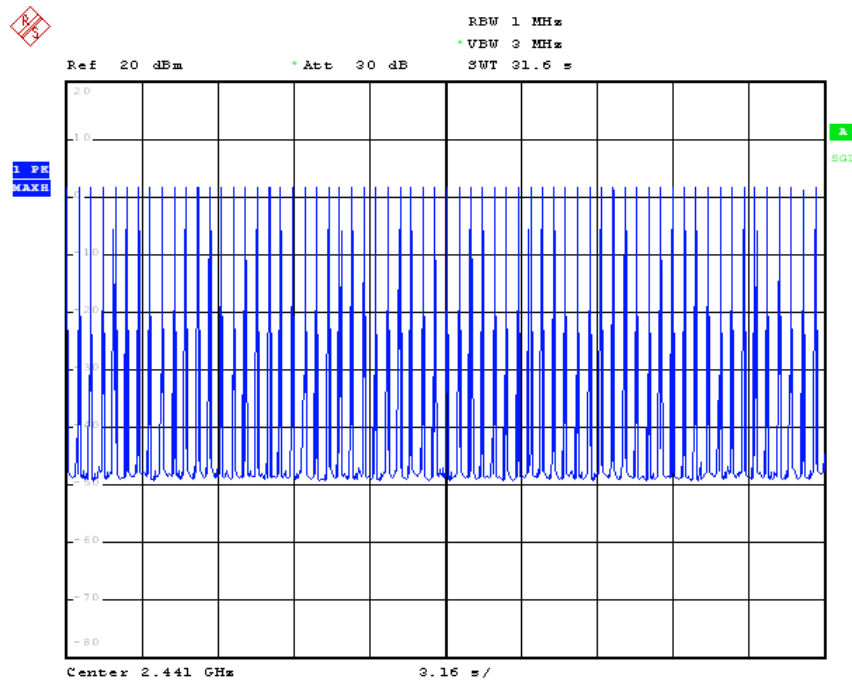
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## Number of hopping channels

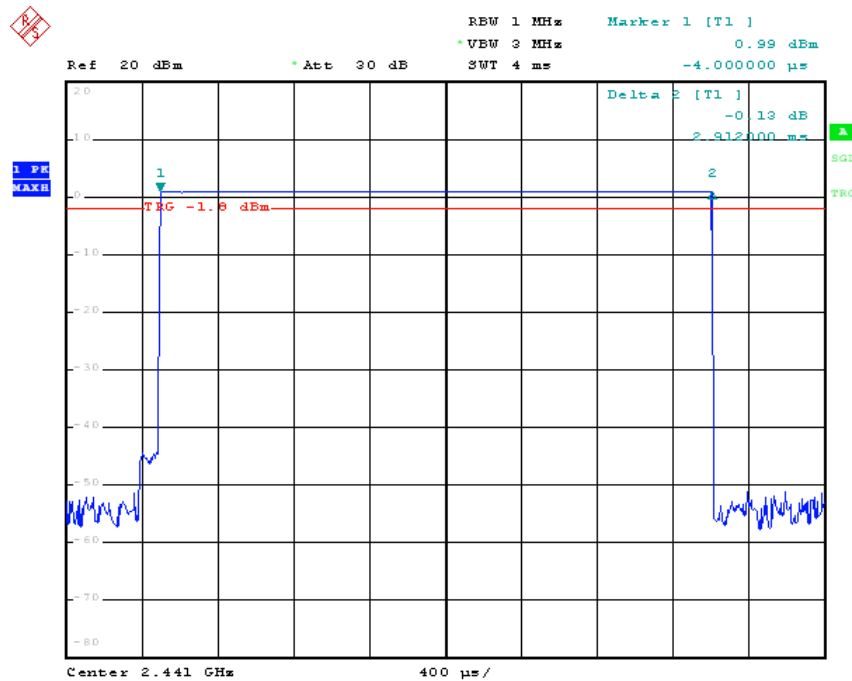


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## Dwell Time



Date: 29.JUL.2011 17:51:05



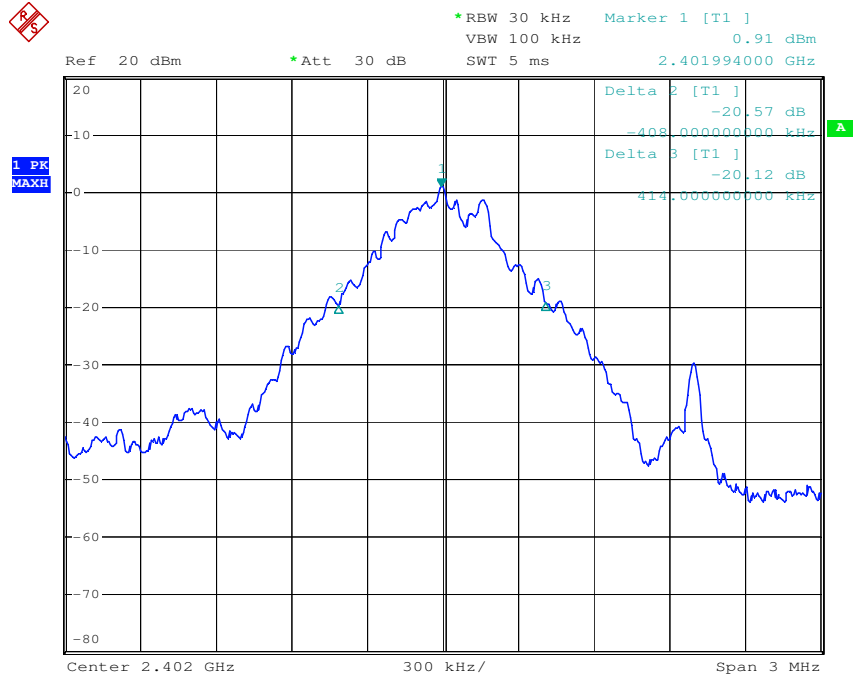
Date: 29.JUL.2011 17:55:27

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## 20dB Bandwidth

Modulation: GFSK

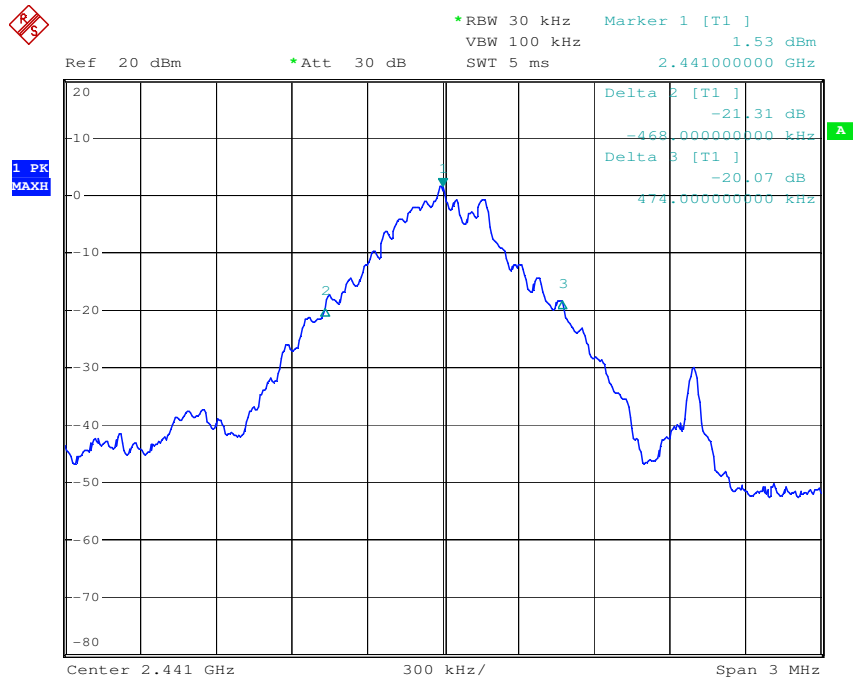
Tx frequency: 2402MHz



Date: 29.JUL.2011 18:00:25

Modulation: GFSK

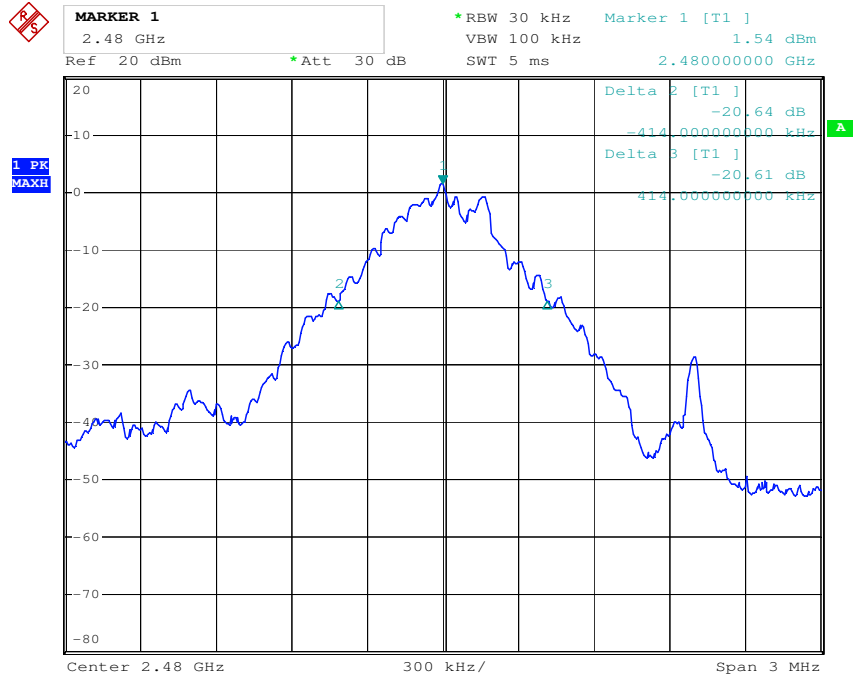
Tx frequency: 2441MHz



Date: 29.JUL.2011 18:15:31

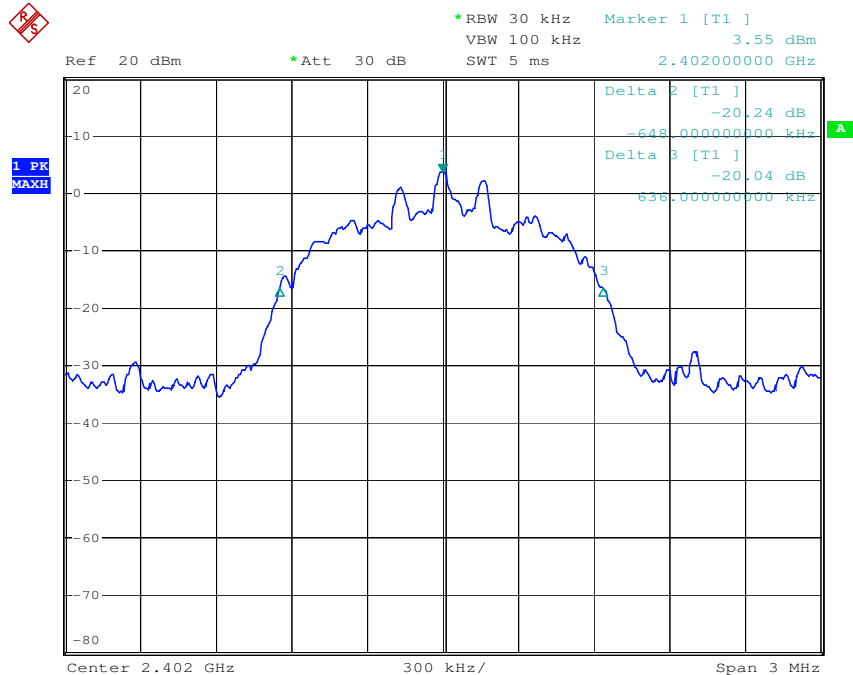
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Modulation: GFSK  
Tx frequency: 2480MHz



Date: 29.JUL.2011 18:17:20

Modulation: 8DPSK  
Tx frequency: 2402MHz

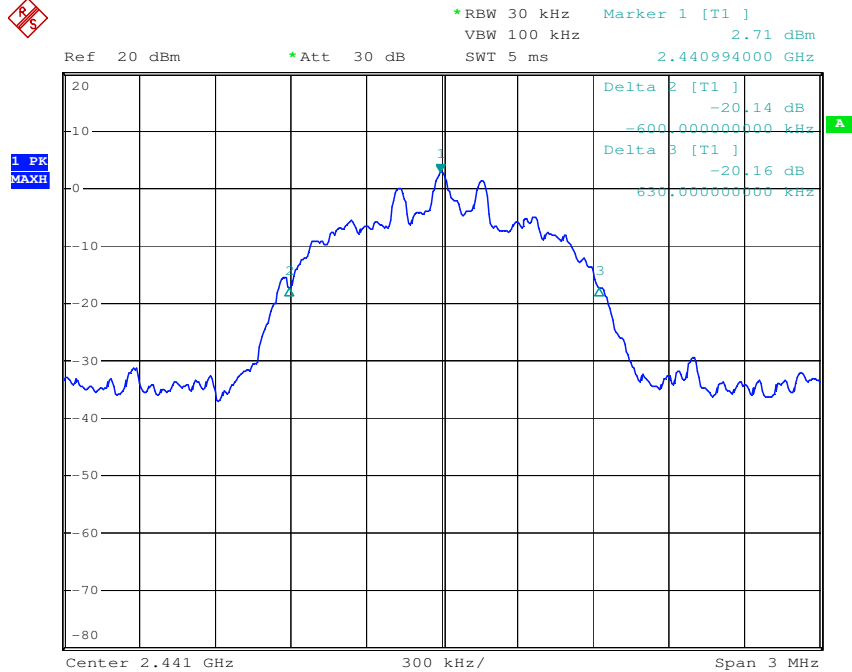


Date: 29.JUL.2011 18:06:58



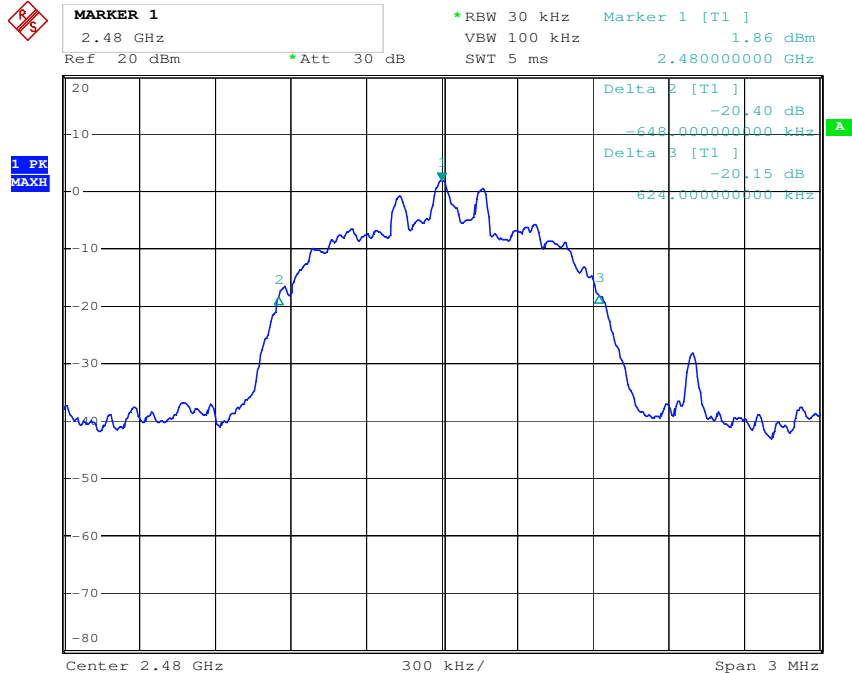
www.tuv.com

Modulation: 8DPSK  
Tx frequency: 2441MHz



Date: 29.JUL.2011 18:13:51

Modulation: 8DPSK  
Tx frequency: 2480MHz



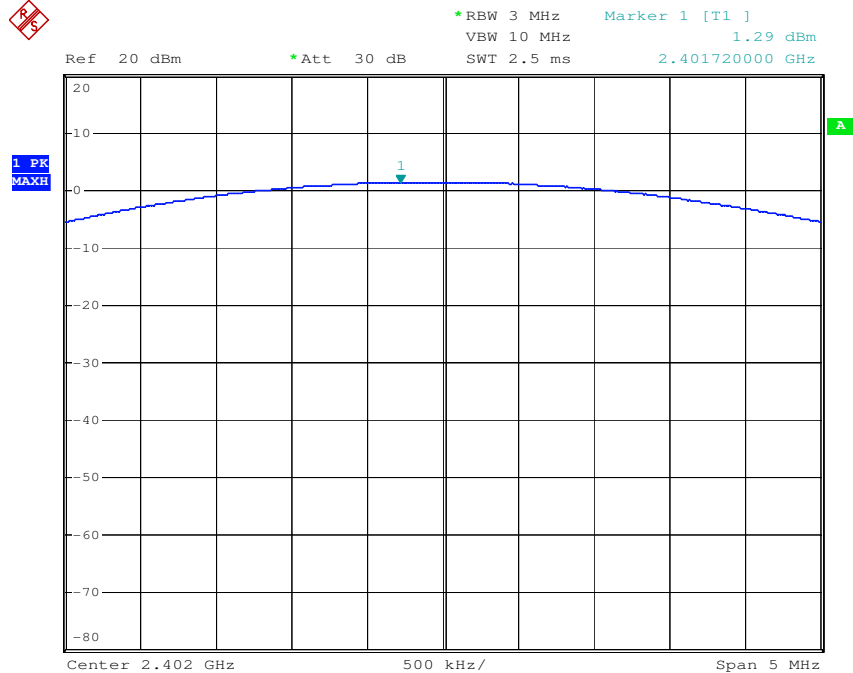
Date: 29.JUL.2011 18:20:40

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## Peak Output Power

Modulation: GFSK

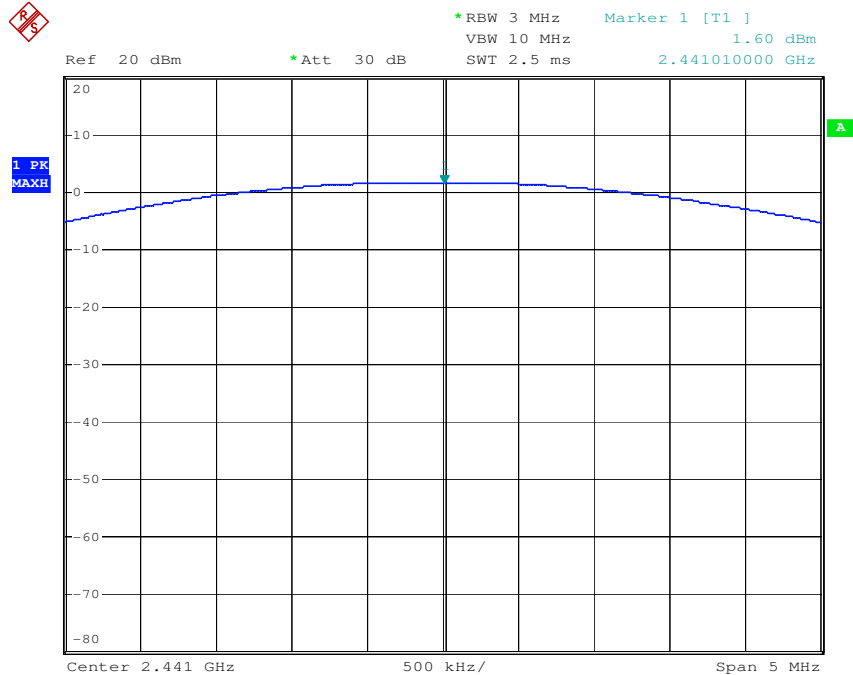
Tx frequency: 2402MHz



Date: 29.JUL.2011 18:29:48

Modulation: GFSK

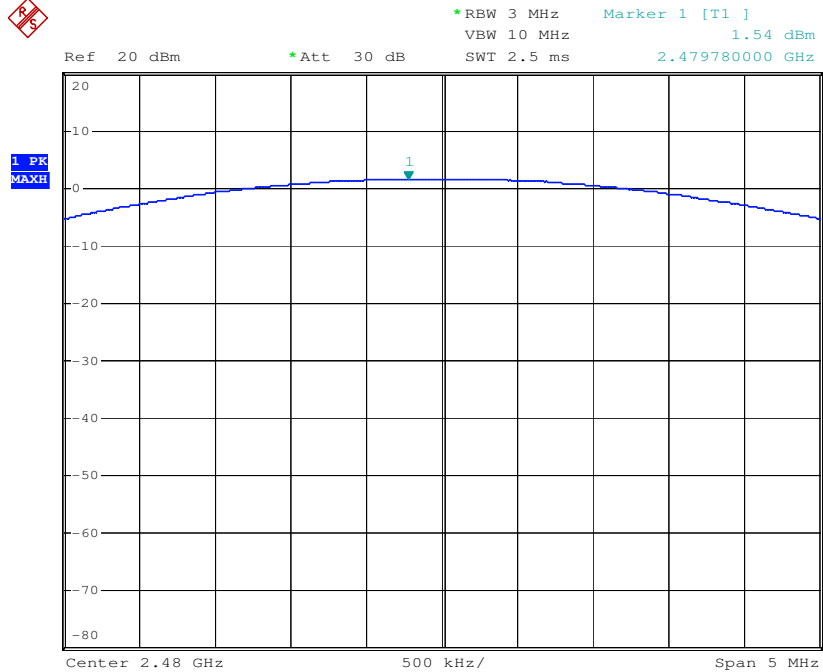
Tx frequency: 2441MHz



Date: 29.JUL.2011 18:26:21

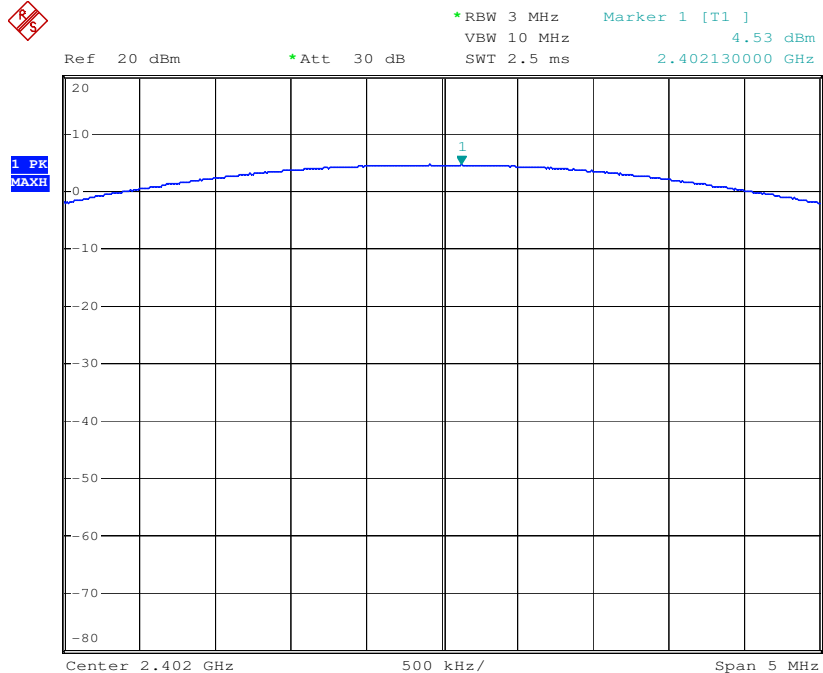
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Modulation: GFSK  
Tx frequency: 2480MHz



Date: 29.JUL.2011 18:25:44

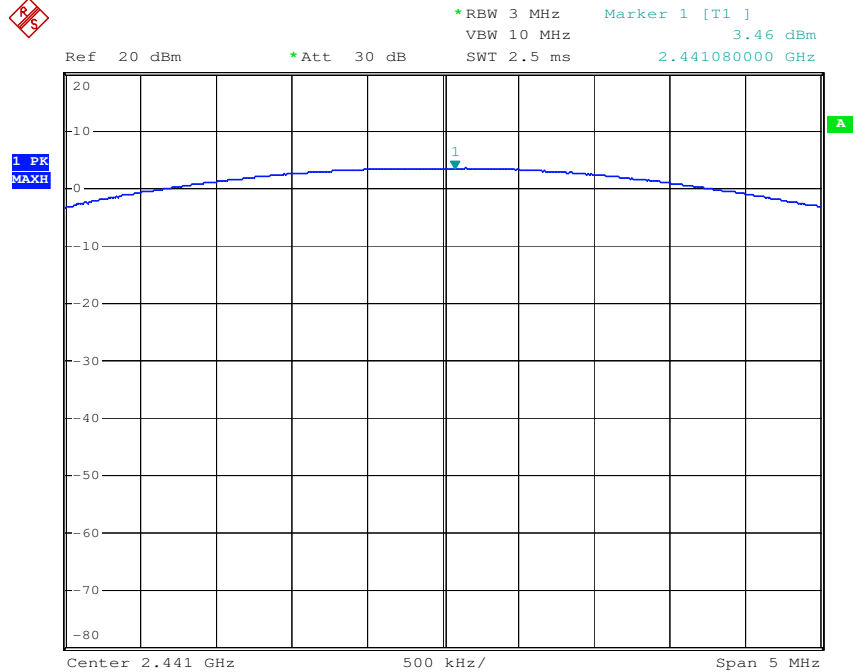
Modulation: Pi/4 DQPSK  
Tx frequency: 2402MHz



Date: 29.JUL.2011 18:29:07

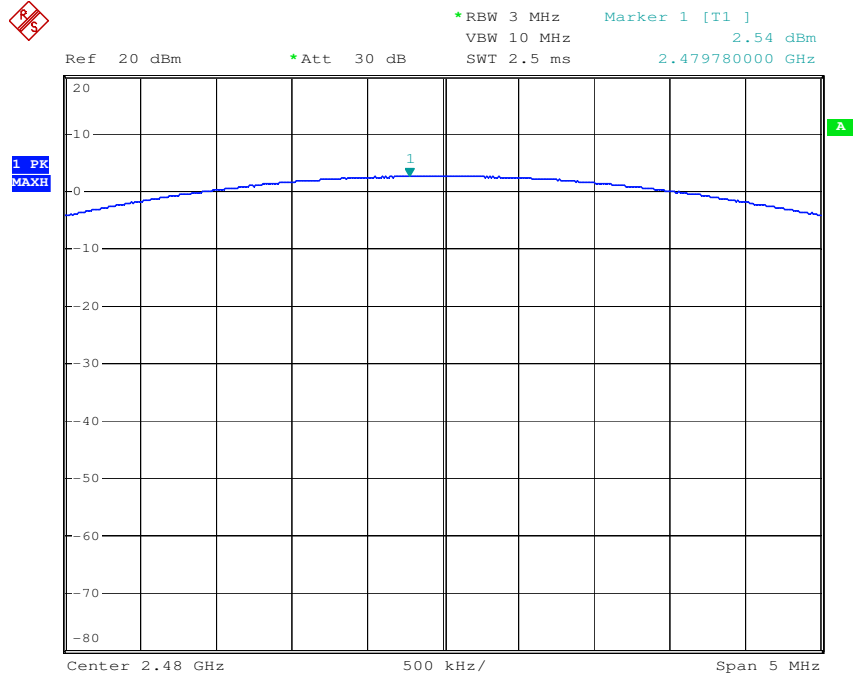
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Modulation: Pi/4 DQPSK  
Tx frequency: 2441MHz



Date: 29.JUL.2011 18:27:10

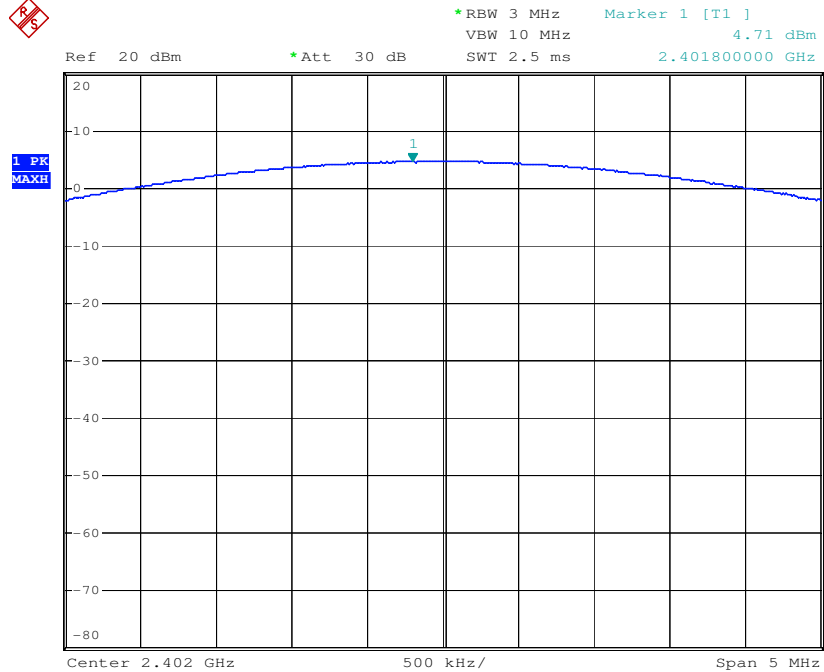
Modulation: Pi/4 DQPSK  
Tx frequency: 2480MHz



Date: 29.JUL.2011 18:24:19

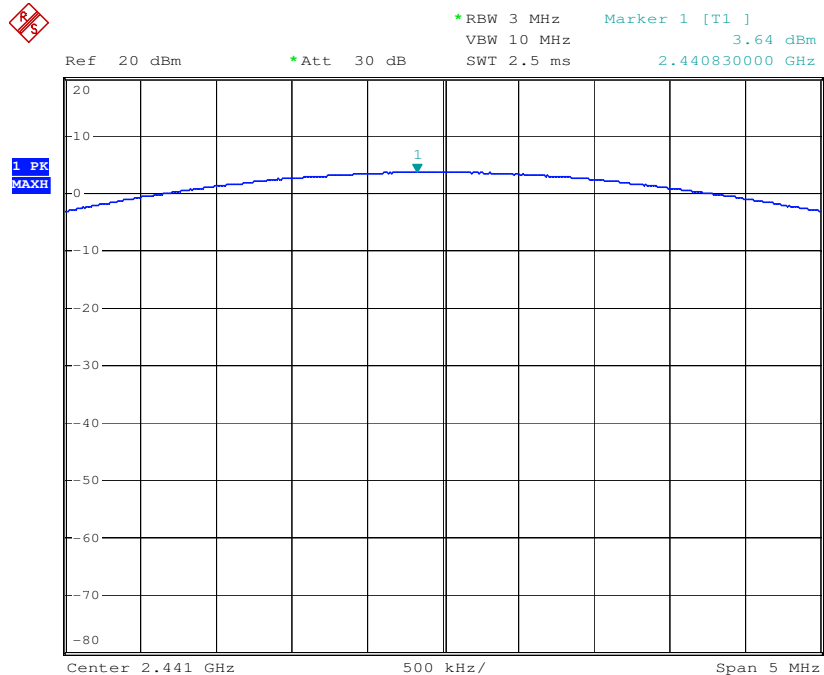
www.tuv.com

Modulation: 8DPSK  
Tx frequency: 2402MHz



Date: 29.JUL.2011 18:28:34

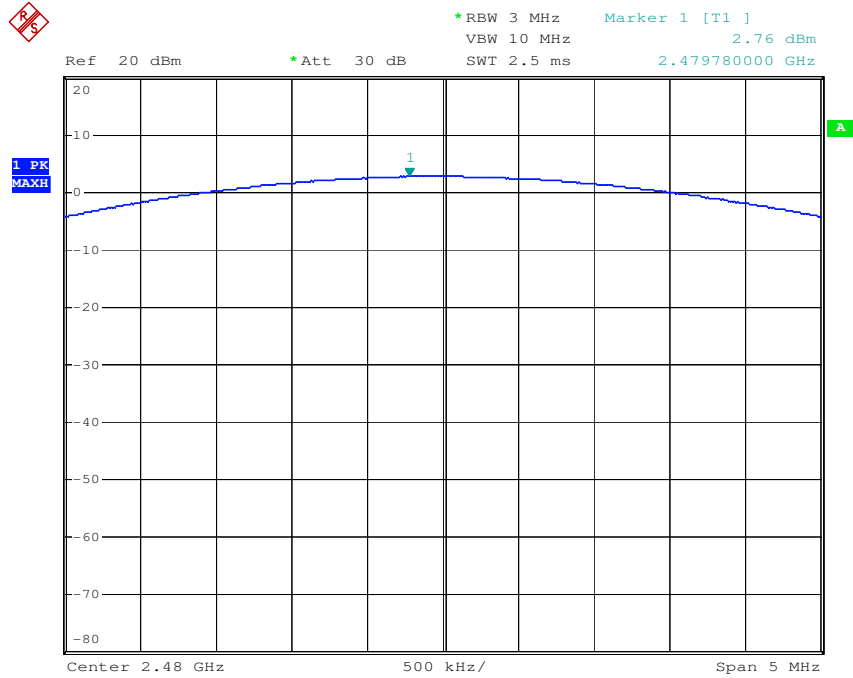
Modulation: 8DPSK  
Tx frequency: 2441MHz



Date: 29.JUL.2011 18:27:54

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Modulation: 8DPSK  
Tx frequency: 2480MHz

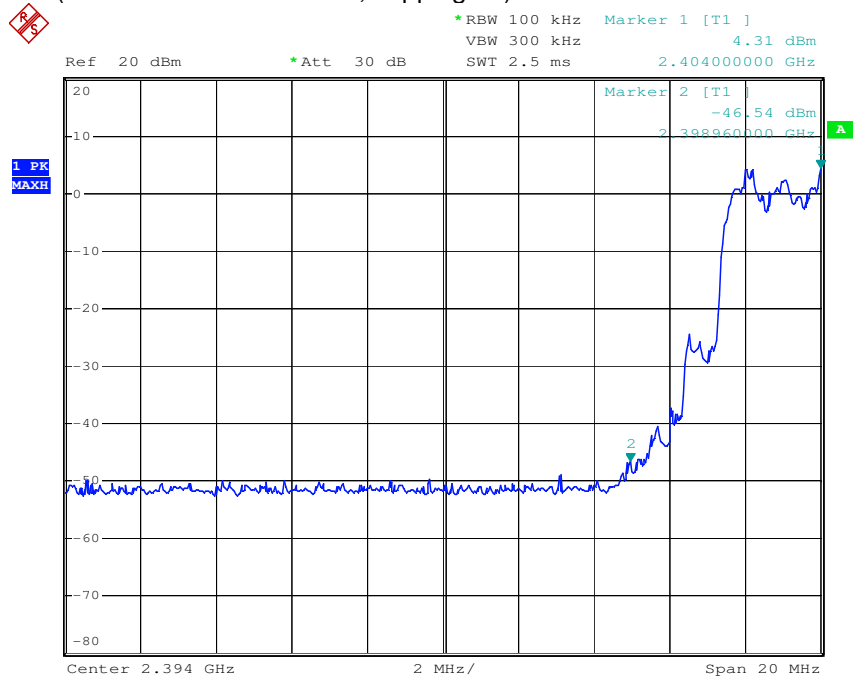


Date: 29.JUL.2011 18:22:10

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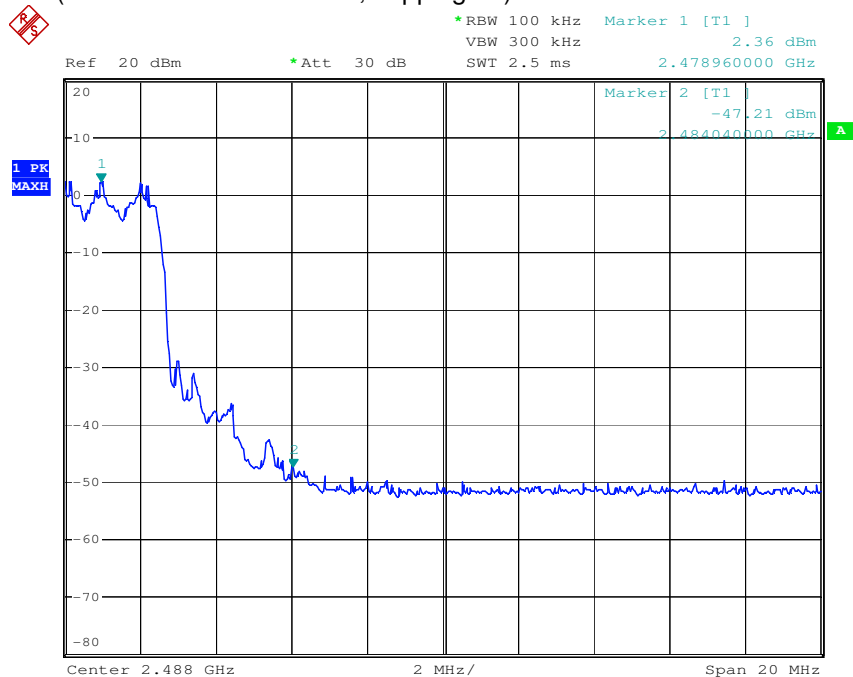
## Band Edge Compliance

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



Date: 29.JUL.2011 18:52:30

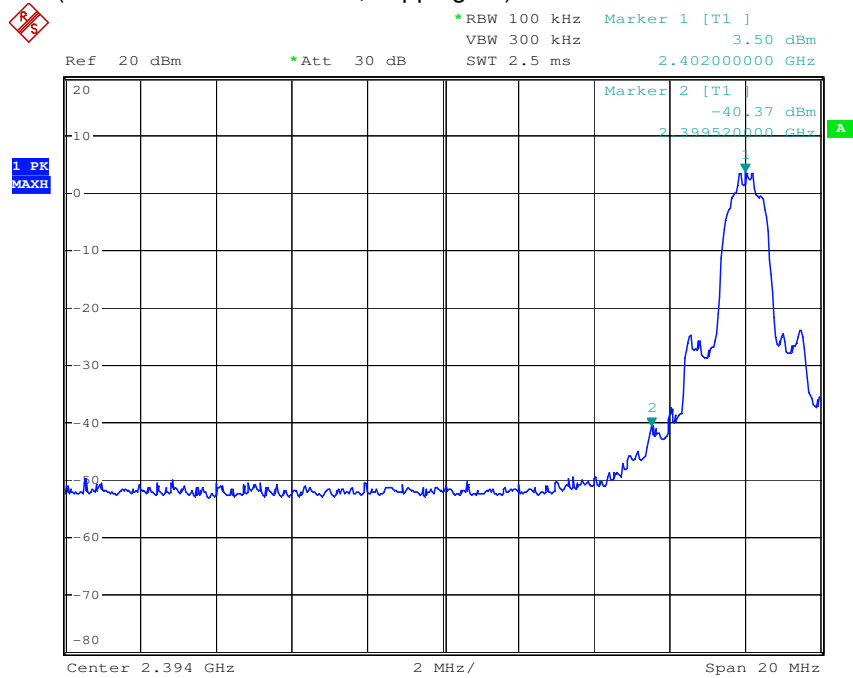
Tx frequency: 2480MHz (conducted measurement; hopping on)



Date: 29.JUL.2011 18:47:46

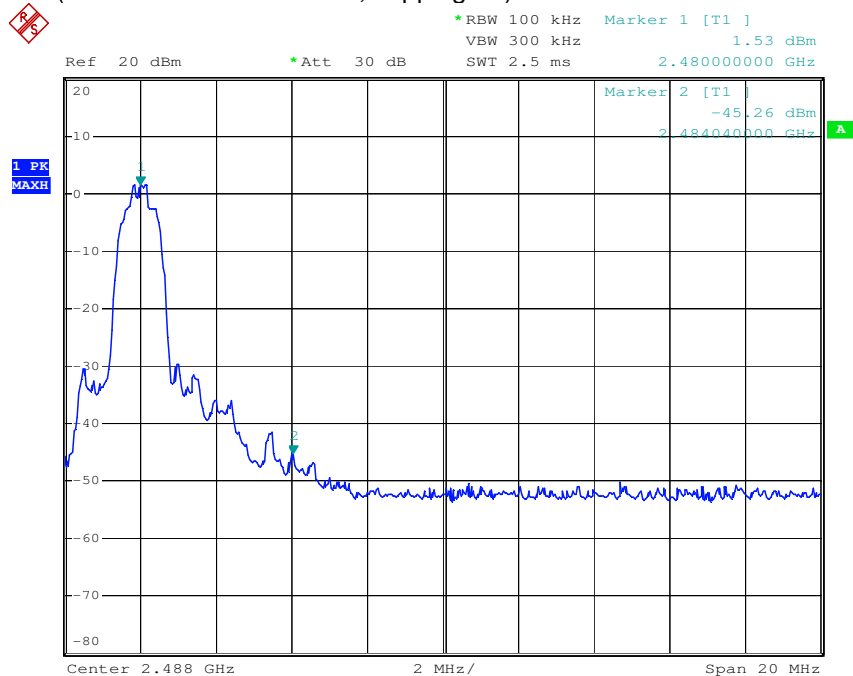
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Tx frequency: 2402MHz (conducted measurement; hopping off)



Date: 29.JUL.2011 18:54:26

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

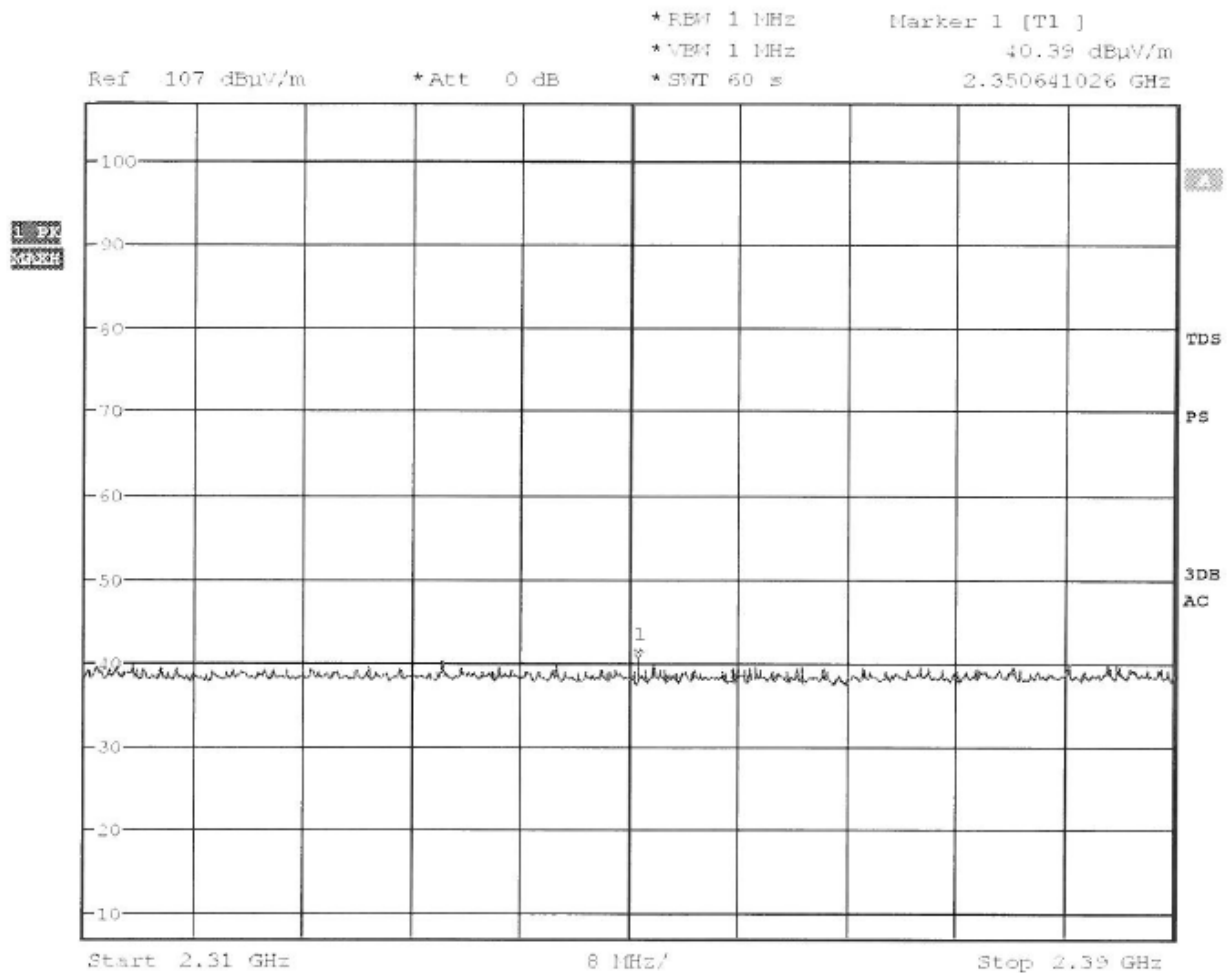


Date: 29.JUL.2011 18:56:15



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Tx frequency: 2402MHz (radiated measurement)

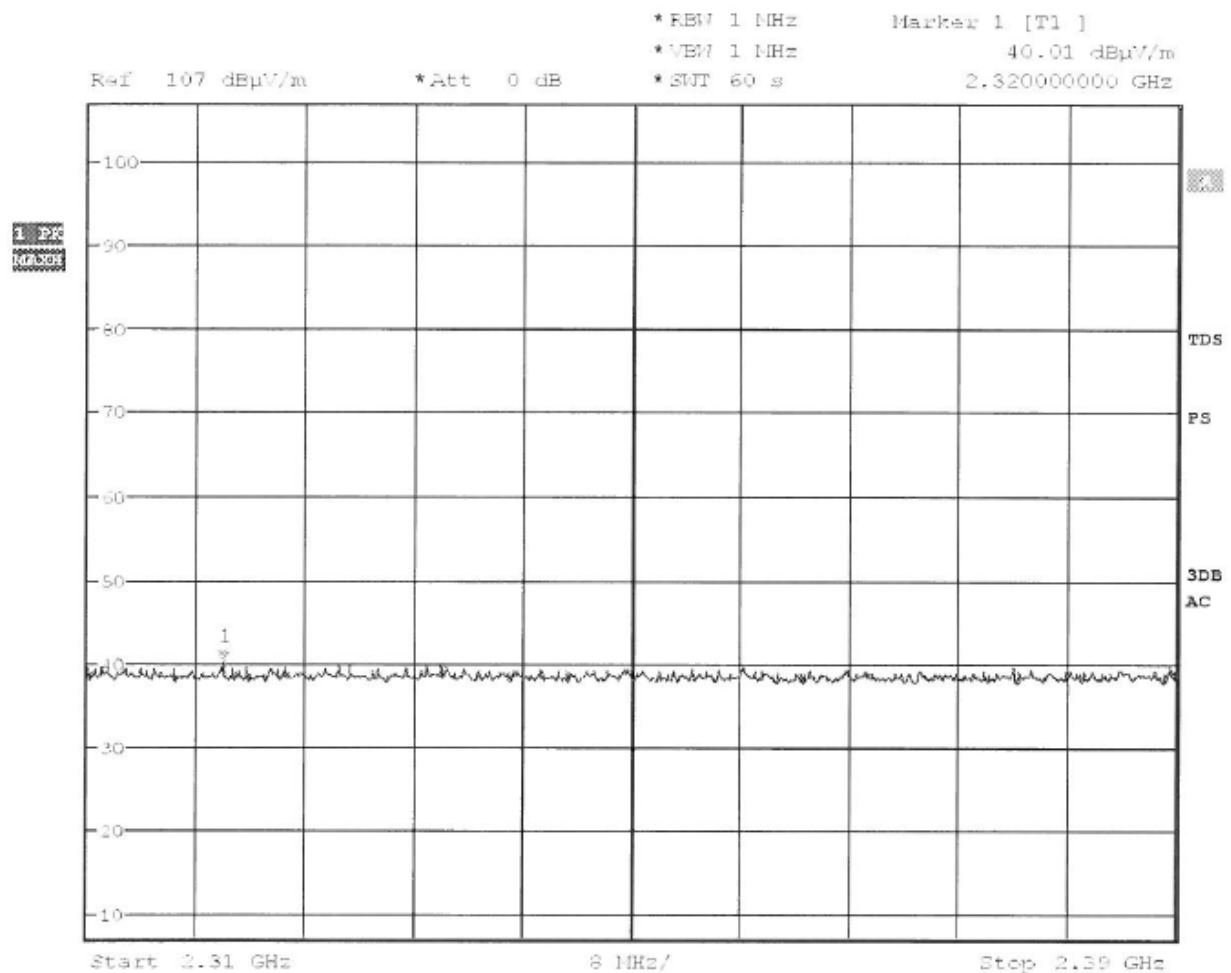


AVANTWAV/ BT MUSIC PLAYER/ BHA200E/ 00110711195-002/ VERT./

2402MHz

Date: 26.JUL.2011 12:45:34

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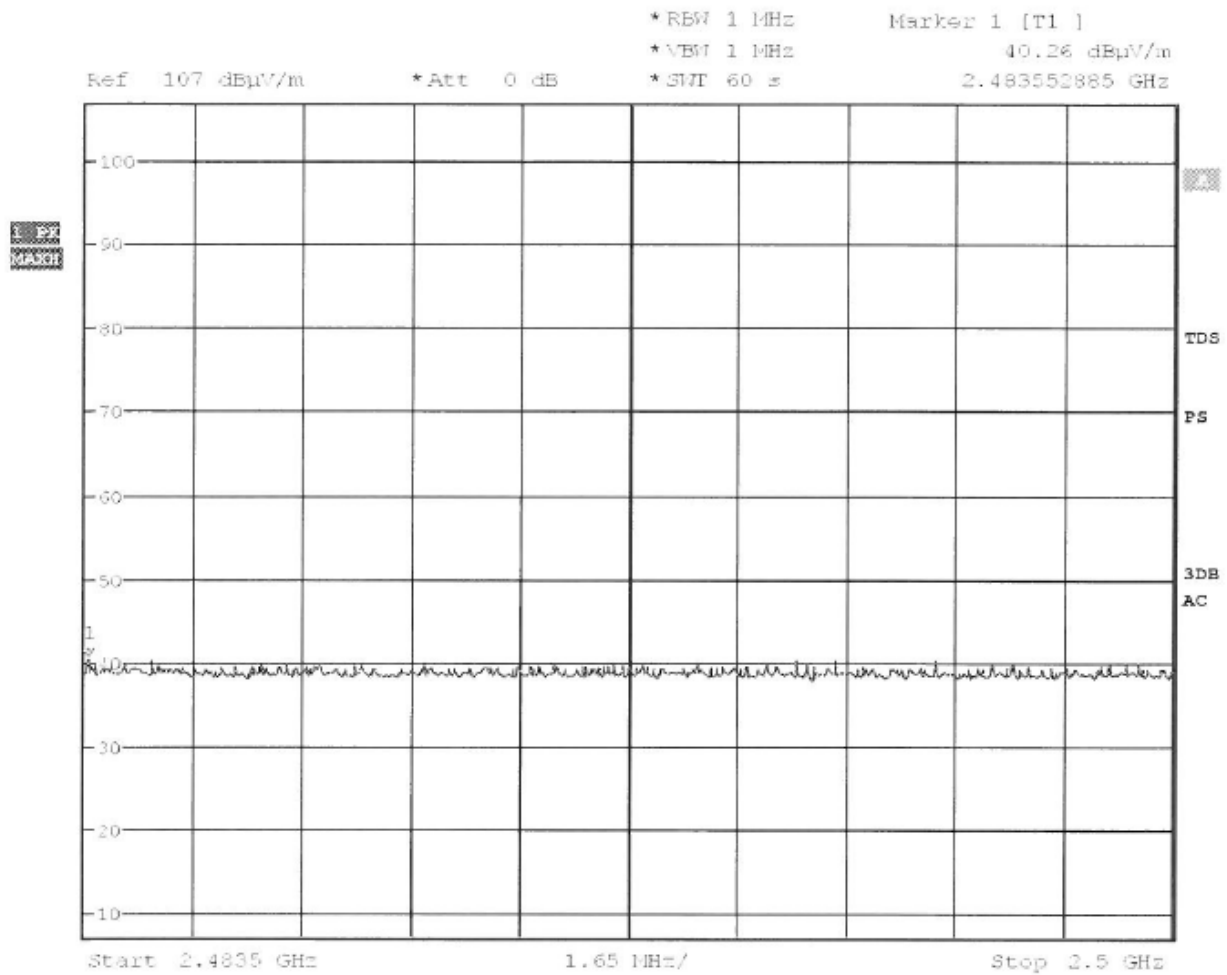
AVANTWAV/ BT MUSIC PLAYER/ BHA200E/ 00110711195-002/ HORI./

2402MHz

Date: 26.JUL.2011 12:44:06

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Tx frequency: 2480MHz (radiated measurement)

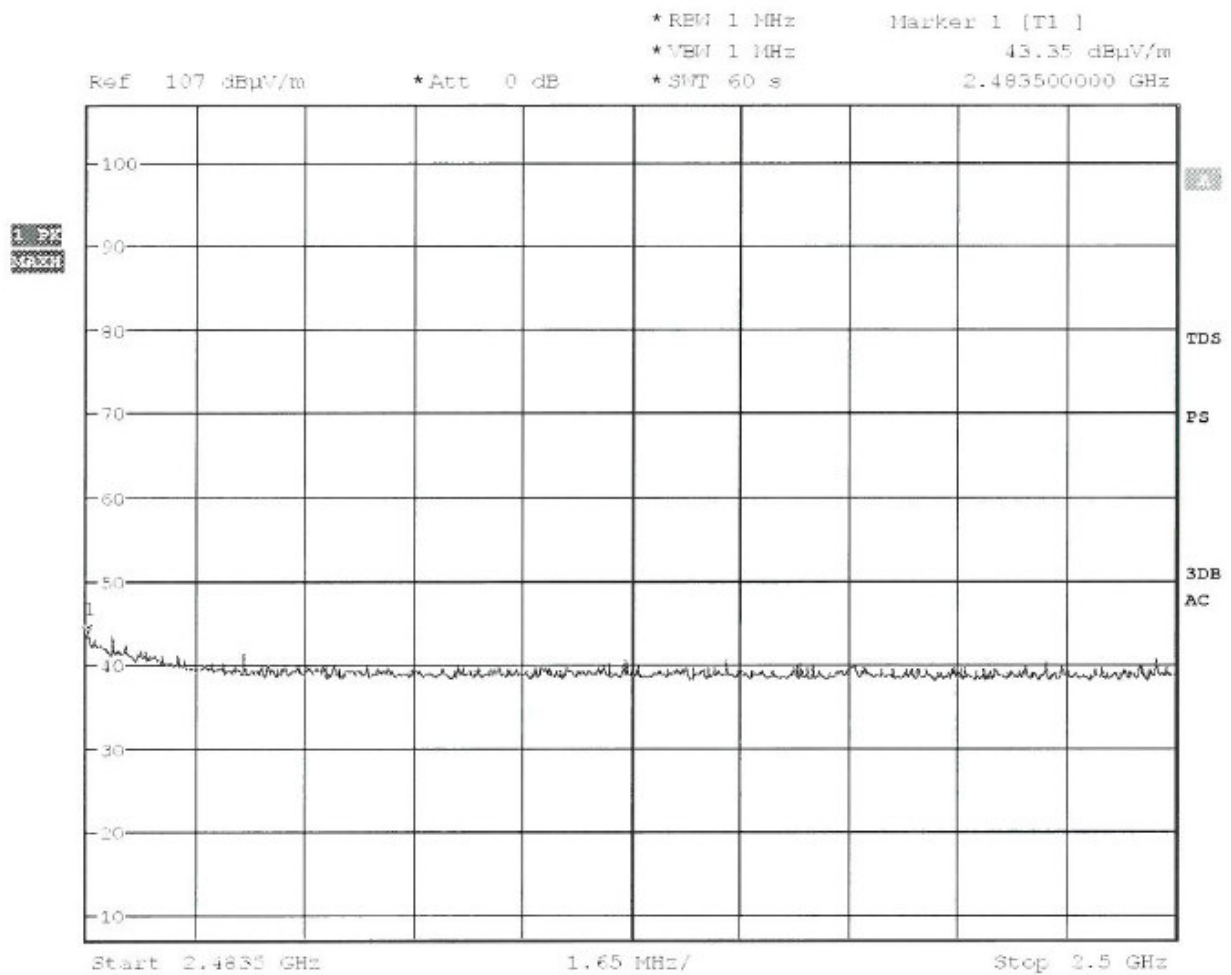


AVANTWAV/ BT MUSIC PLAYER/ BHA200E/ 00110711195-002/ VERT./

2480MHz

Date: 26.JUL.2011 14:40:59

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AVANTWAV/ BT MUSIC PLAYER/ BHA200E/ 001107111195-002/ HORI./

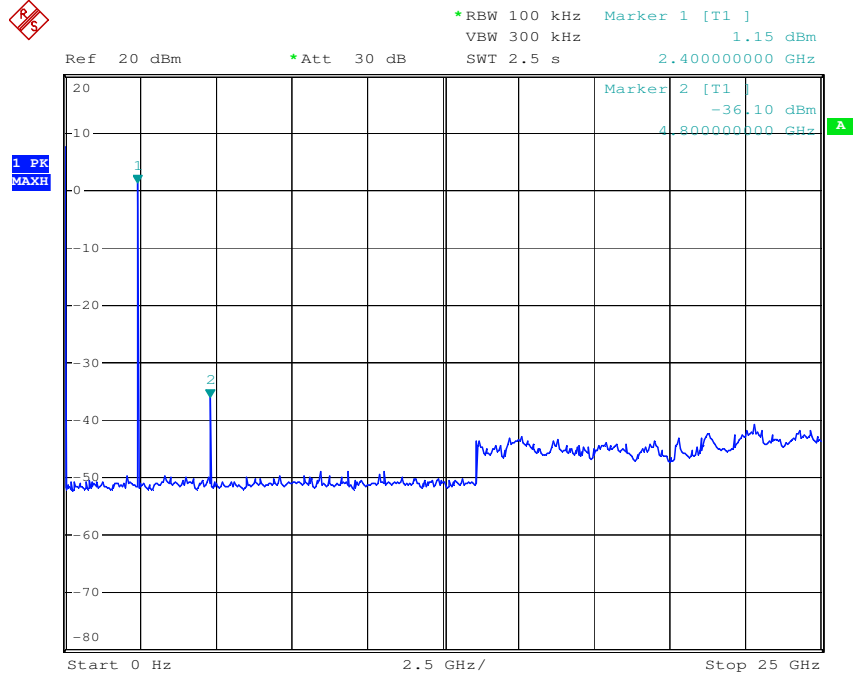
2480MHz

Date: 26.JUL.2011 14:39:31

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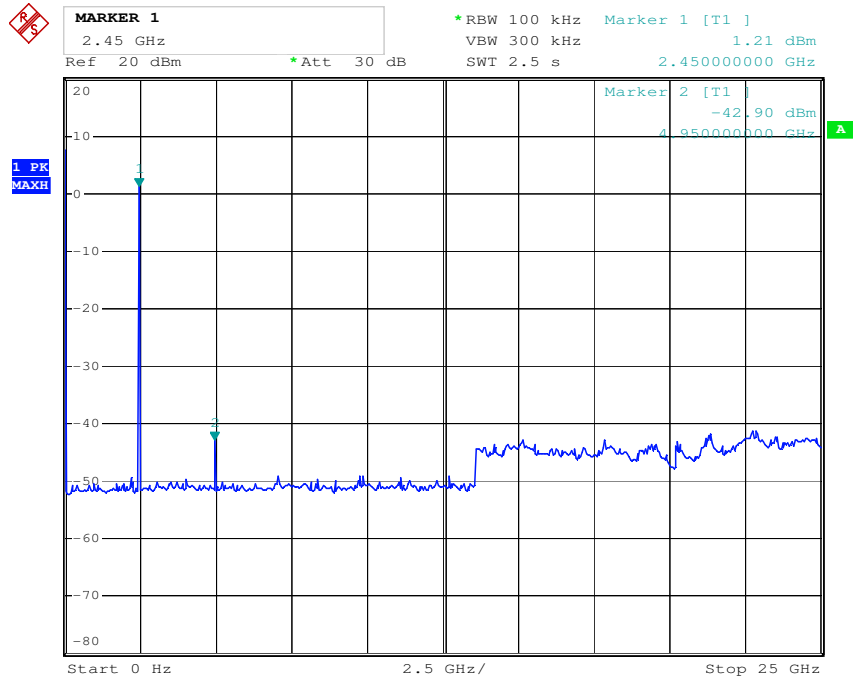
## Spurious Emissions - Conducted

Tx frequency: 2402MHz



Date: 29.JUL.2011 19:10:48

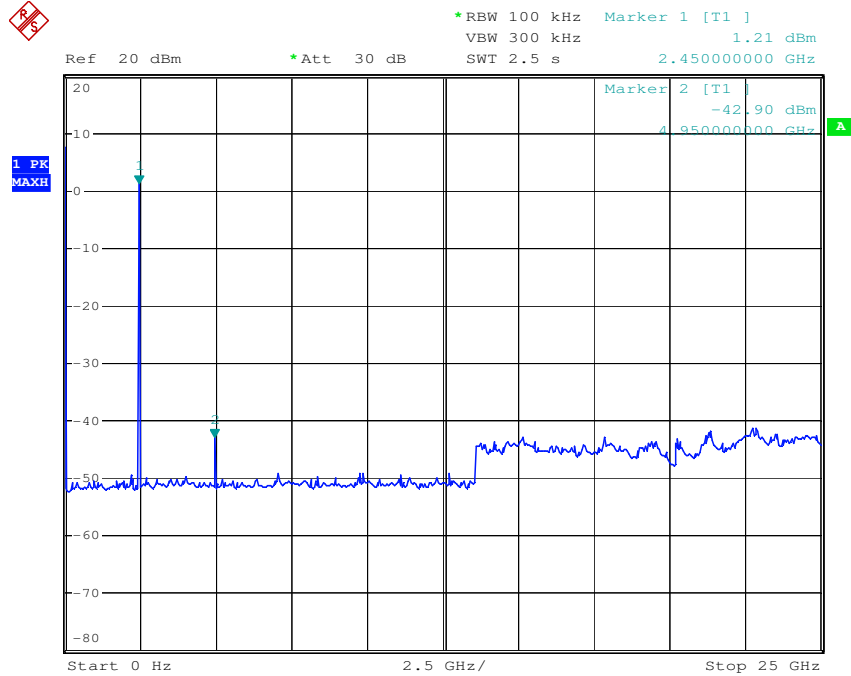
Tx frequency: 2441MHz



Date: 29.JUL.2011 19:15:22

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Tx frequency: 2480MHz



Date: 29.JUL.2011 19:15:28