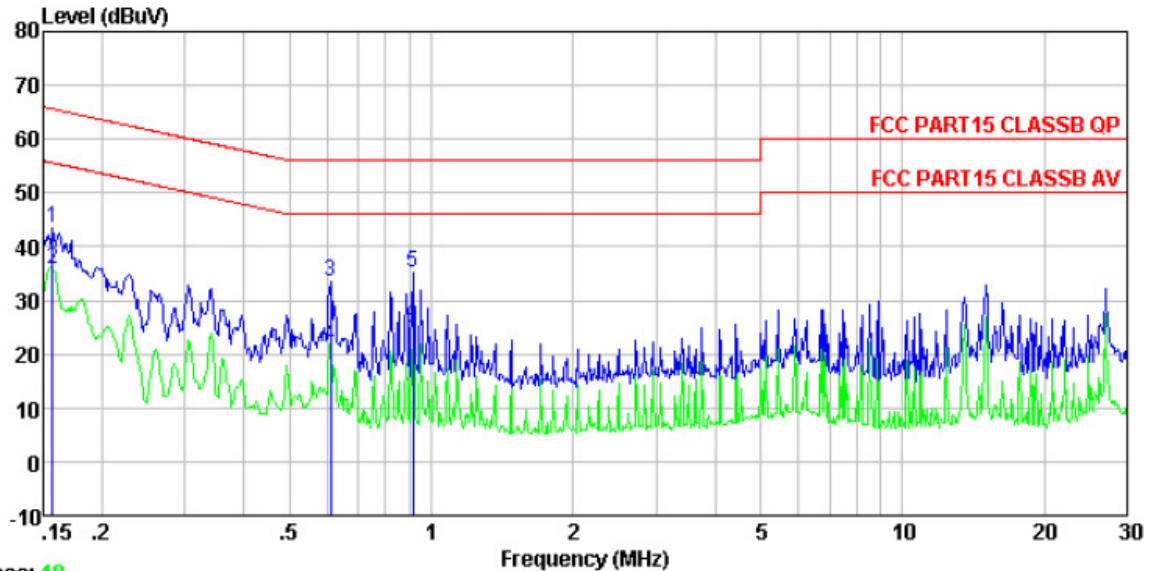


# **Appendix 1**

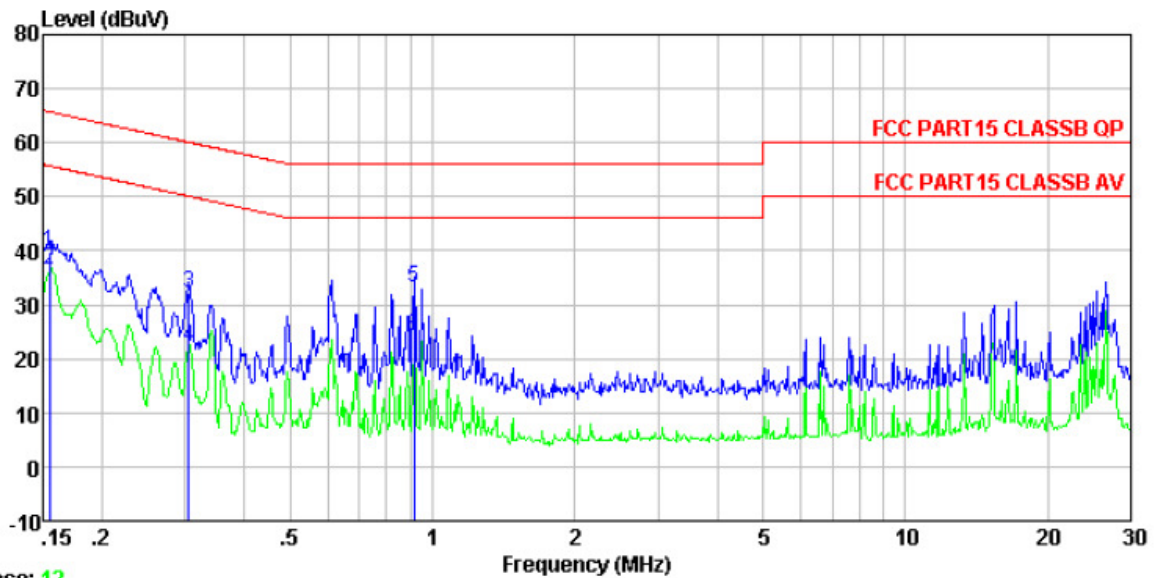
## **Test Results**

## Disturbance Voltage on AC Mains



Trace: 10  
Condition : FCC PART15 CLASSB QP LISN-2012 LINE  
EUT : BT speaker  
Model No. : KT-9078  
Sample No. :  
Order No. :  
Test Mode : Charging +BT music playing mode  
Test Engineer: Blue

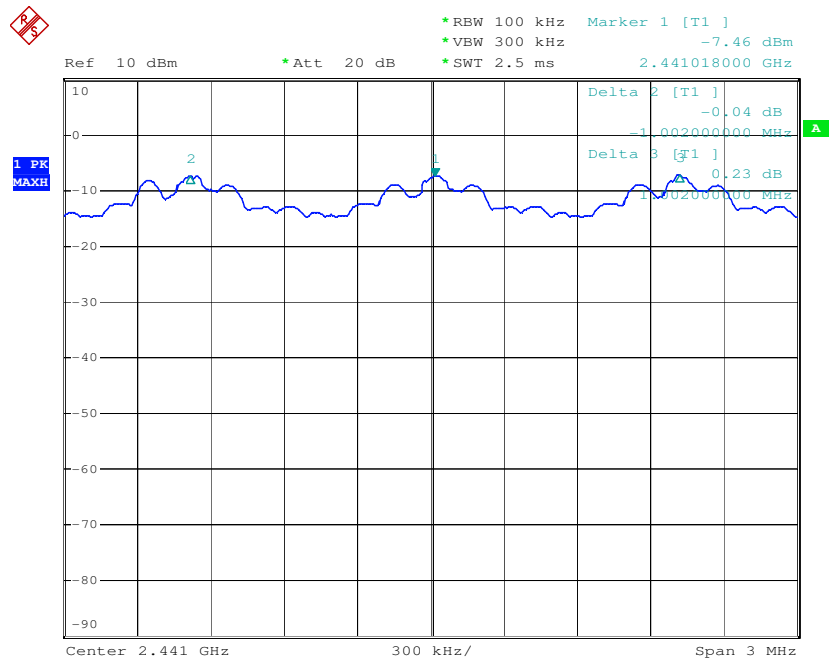
|   | Freq  | Read Level | LISN Factor | Cable Loss | Level | Limit Line | Over Limit | Remark  |
|---|-------|------------|-------------|------------|-------|------------|------------|---------|
|   | MHz   | dBuV       | dB          | dB         | dBuV  | dBuV       | dB         |         |
| 1 | 0.157 | 43.58      | -0.26       | 0.10       | 43.42 | 65.60      | -22.18     | QP      |
| 2 | 0.157 | 36.00      | -0.26       | 0.10       | 35.84 | 55.60      | -19.76     | Average |
| 3 | 0.611 | 33.70      | -0.20       | 0.10       | 33.60 | 56.00      | -22.40     | QP      |
| 4 | 0.611 | 21.50      | -0.20       | 0.10       | 21.40 | 46.00      | -24.60     | Average |
| 5 | 0.914 | 35.20      | -0.21       | 0.10       | 35.09 | 56.00      | -20.91     | QP      |
| 6 | 0.914 | 25.00      | -0.21       | 0.10       | 24.89 | 46.00      | -21.11     | Average |



Trace: 12  
Condition : FCC PART15 CLASSB QP LISN-2012 NEUTRAL  
EUT : BT speaker  
Model No. : KT-9078  
Sample No. :  
Order No. :  
Test Mode : Charging +BT music playing mode  
Test Engineer: Blue

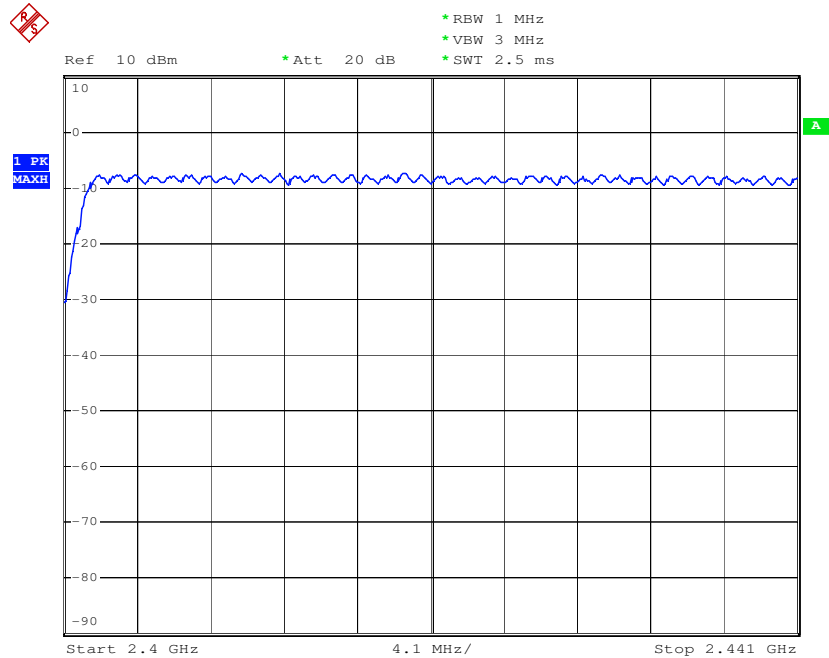
|   | Freq  | Read Level | LISN Factor | Cable Loss | Level | Limit Line | Over Limit | Remark  |
|---|-------|------------|-------------|------------|-------|------------|------------|---------|
|   | MHz   | dBuV       | dB          | dB         | dBuV  | dBuV       | dB         |         |
| 1 | 0.155 | 39.84      | -0.13       | 0.10       | 39.81 | 65.74      | -25.93     | QP      |
| 2 | 0.155 | 36.43      | -0.13       | 0.10       | 36.40 | 55.74      | -19.34     | Average |
| 3 | 0.305 | 32.22      | -0.09       | 0.10       | 32.23 | 60.10      | -27.87     | QP      |
| 4 | 0.305 | 22.24      | -0.09       | 0.10       | 22.25 | 50.10      | -27.85     | Average |
| 5 | 0.914 | 33.04      | -0.09       | 0.10       | 33.05 | 56.00      | -22.95     | QP      |
| 6 | 0.914 | 24.34      | -0.09       | 0.10       | 24.35 | 46.00      | -21.65     | Average |

## Carrier Frequency Separation

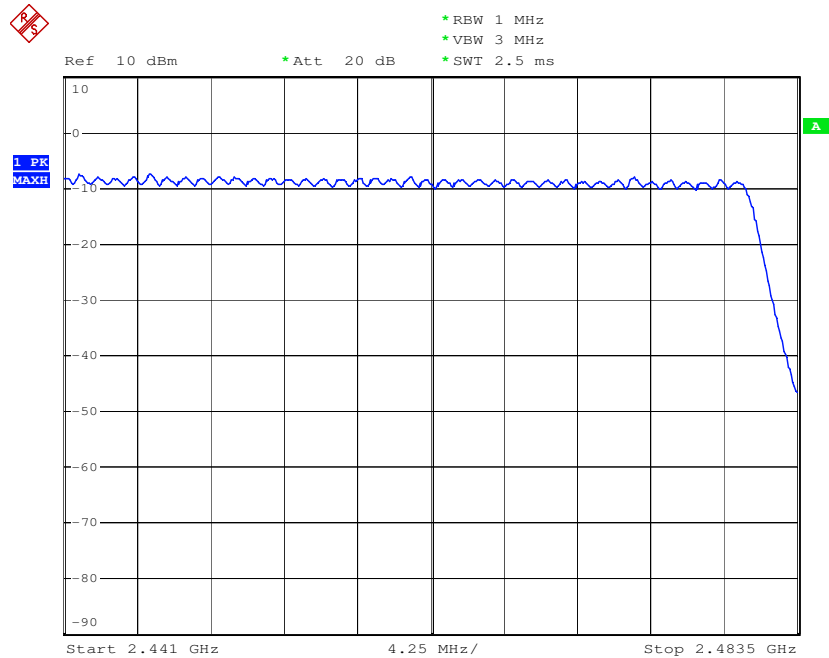


Date: 5.APR.2013 13:08:16

## Number of hopping channels

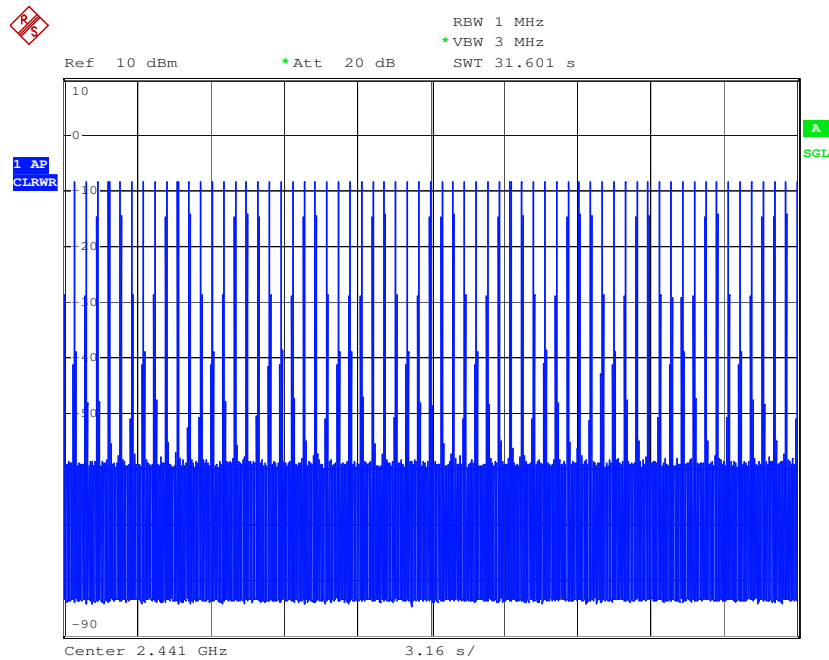


Date: 5.APR.2013 13:11:16

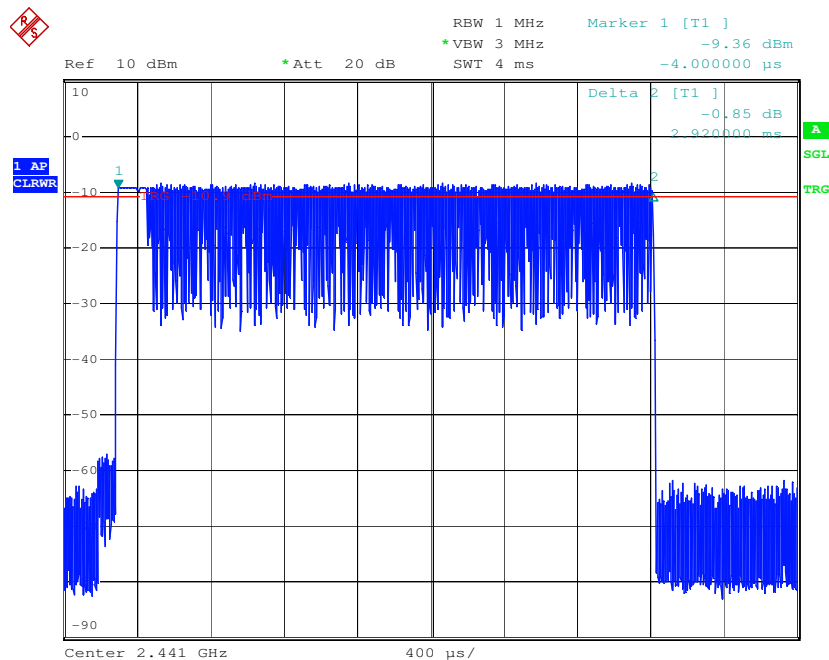


Date: 5.APR.2013 13:17:36

## Dwell Time



Date: 5.APR.2013 13:22:24

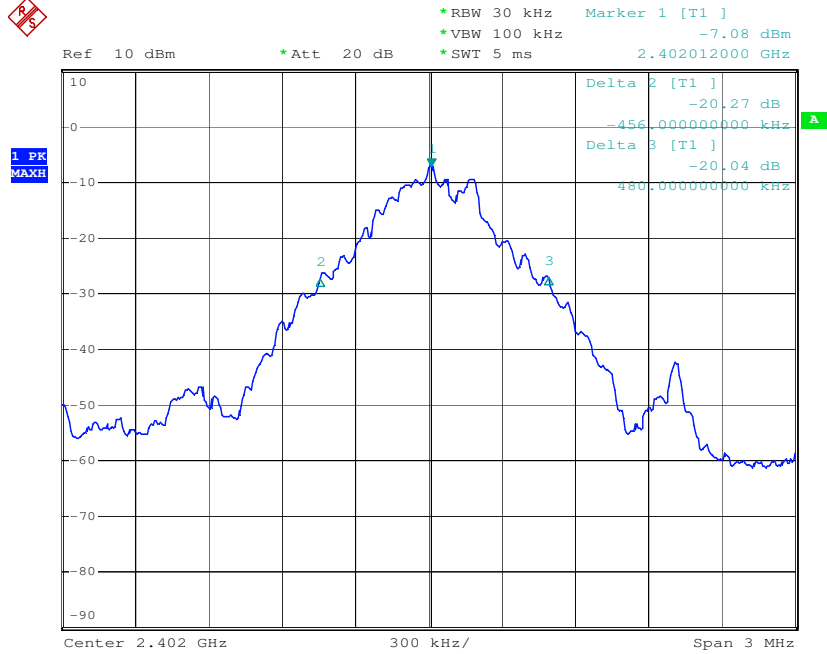


Date: 5.APR.2013 13:23:04

## 20dB Bandwidth

Modulation: GFSK

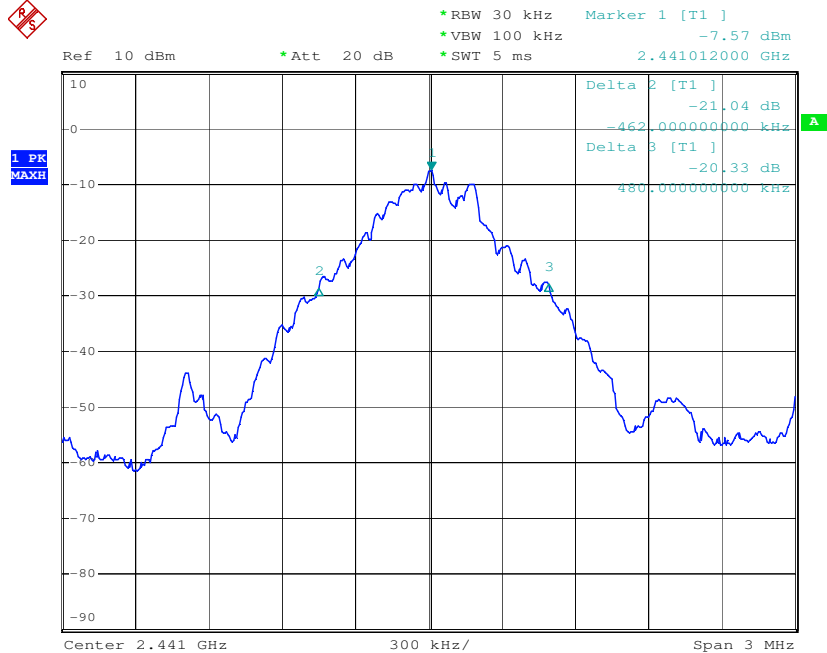
Tx frequency: 2402MHz



Date: 5.APR.2013 14:42:44

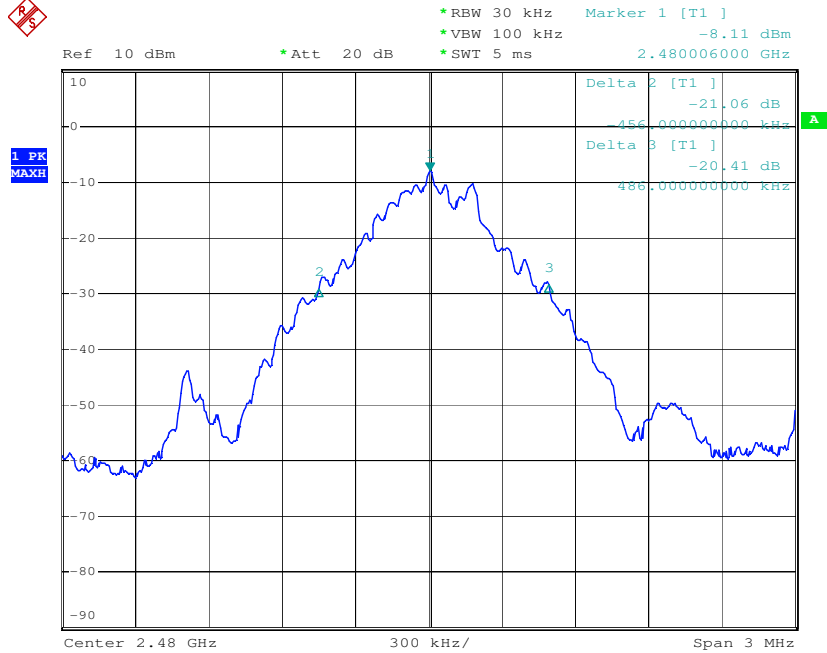
Modulation: GFSK

Tx frequency: 2441MHz



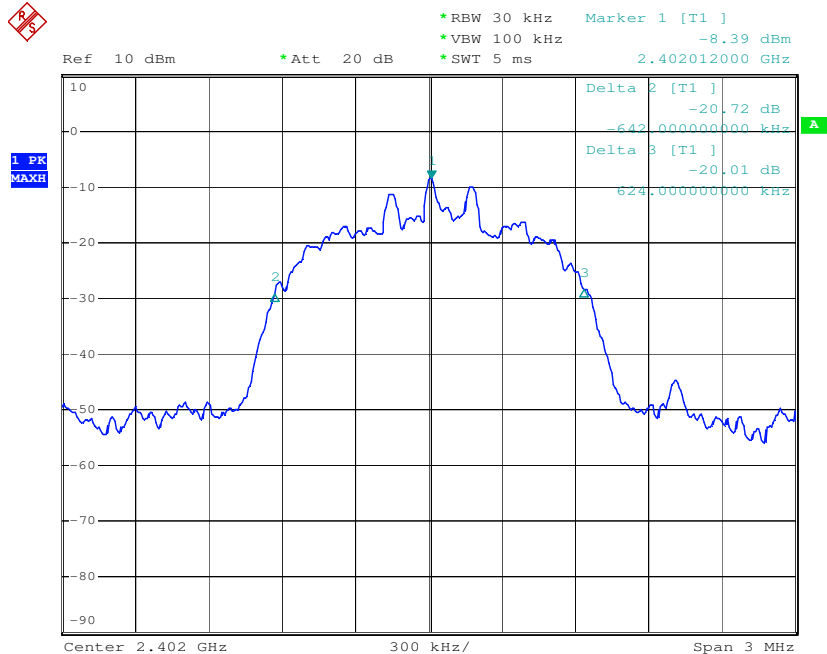
Date: 5.APR.2013 14:46:51

Modulation: GFSK  
Tx frequency: 2480MHz



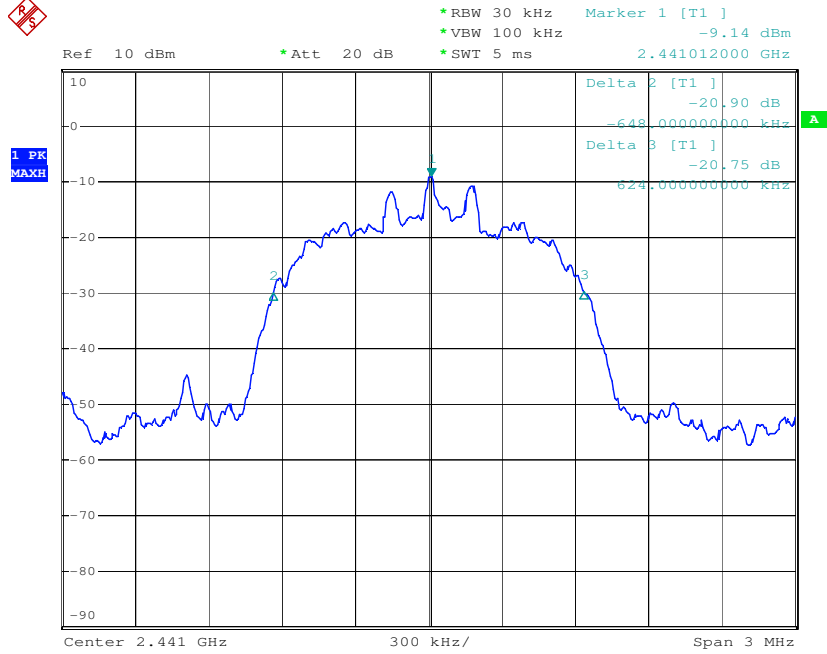
Date: 5.APR.2013 14:48:10

Modulation: 8DPSK  
Tx frequency: 2402MHz



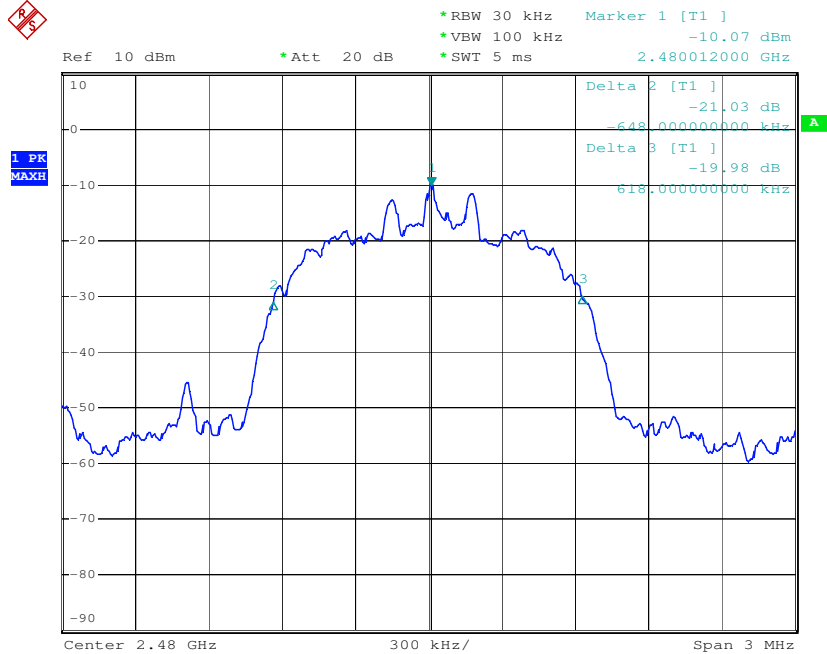
Date: 5.APR.2013 13:27:08

Modulation: 8DPSK  
Tx frequency: 2441MHz



Date: 5.APR.2013 13:28:25

Modulation: 8DPSK  
Tx frequency: 2480MHz

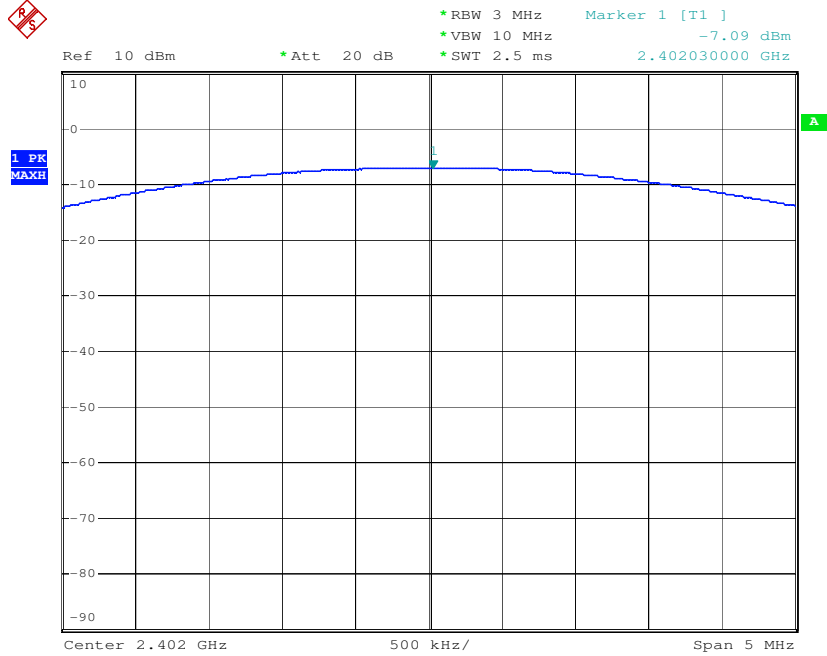


Date: 5.APR.2013 13:29:43

## Peak Output Power

Modulation: GFSK

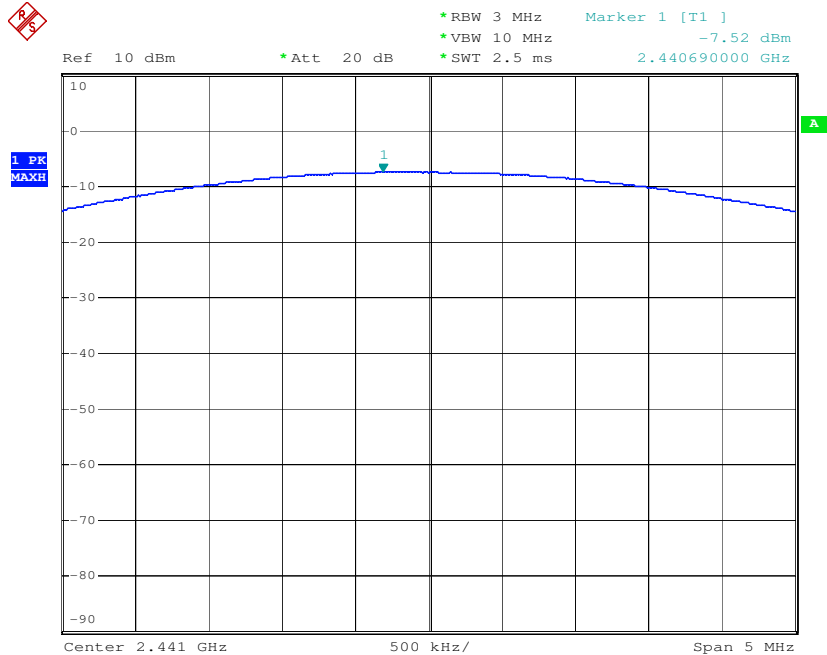
Tx frequency: 2402MHz



Date: 5.APR.2013 14:49:19

Modulation: GFSK

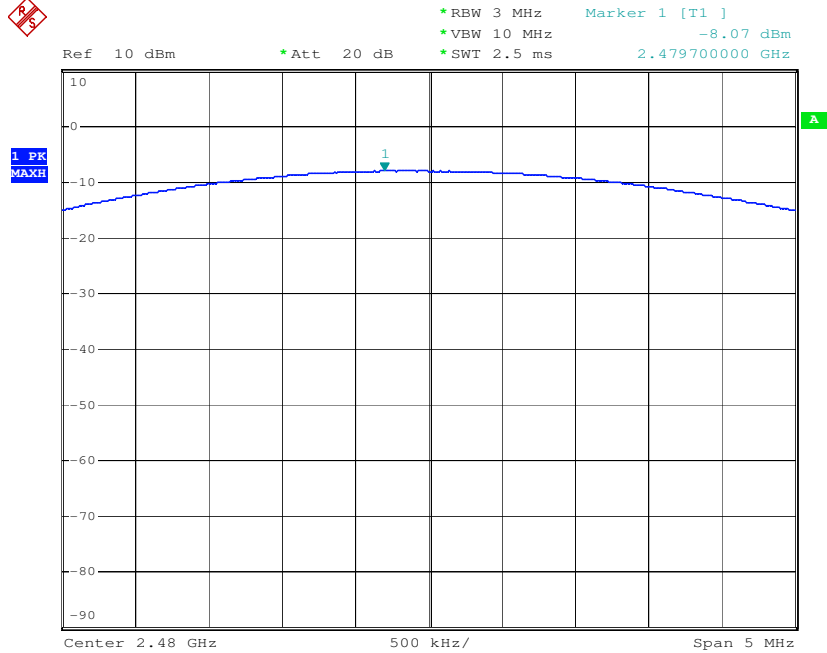
Tx frequency: 2441MHz



Date: 5.APR.2013 14:48:52

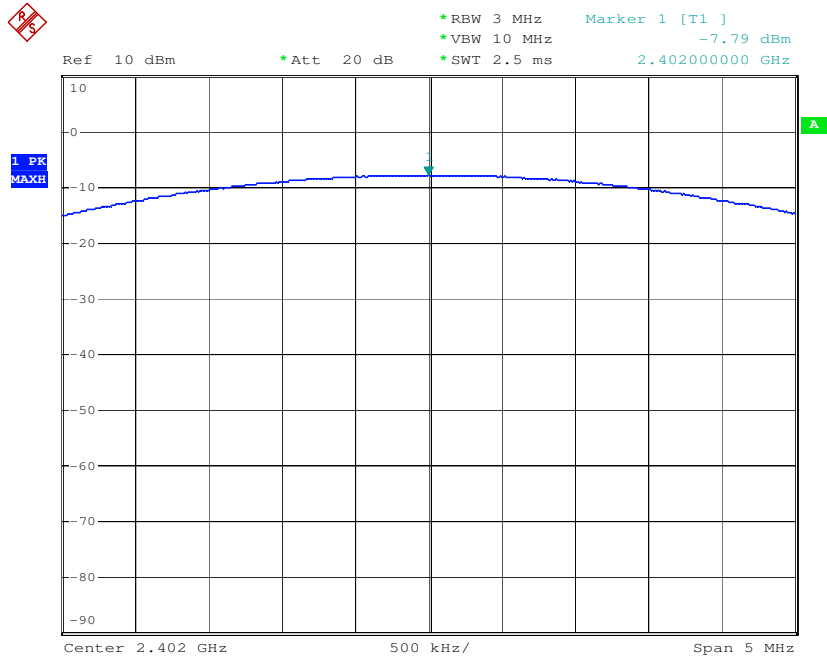
www.tuv.com

Modulation: GFSK  
Tx frequency: 2480MHz



Date: 5.APR.2013 14:48:28

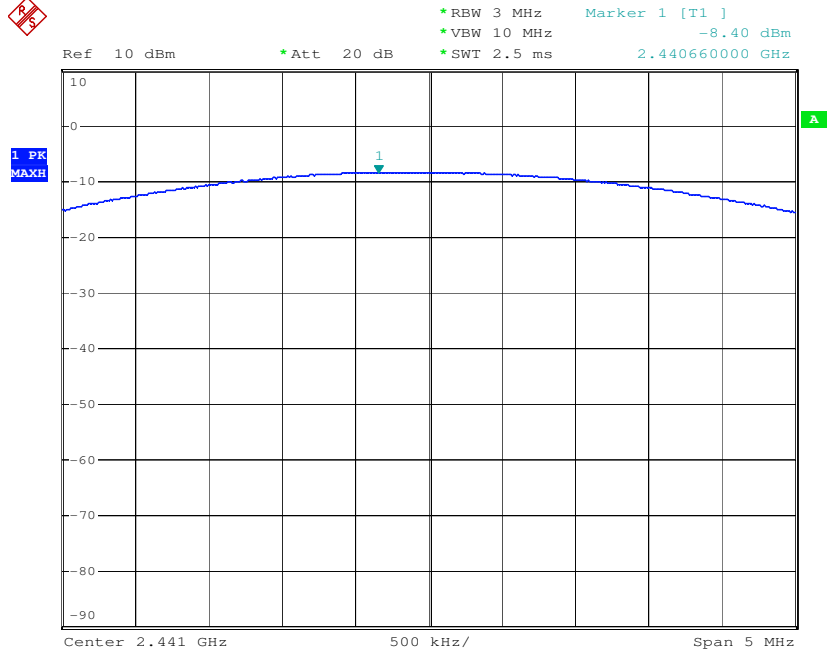
Modulation: DQPSK  
Tx frequency: 2402MHz



Date: 5.APR.2013 13:31:55

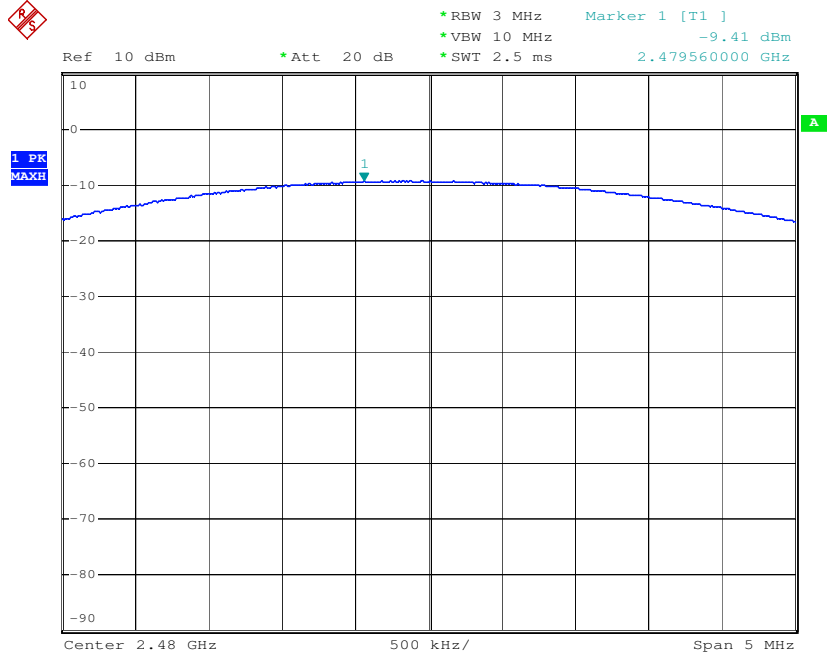
www.tuv.com

Modulation: DQPSK  
Tx frequency: 2441MHz



Date: 5.APR.2013 13:32:22

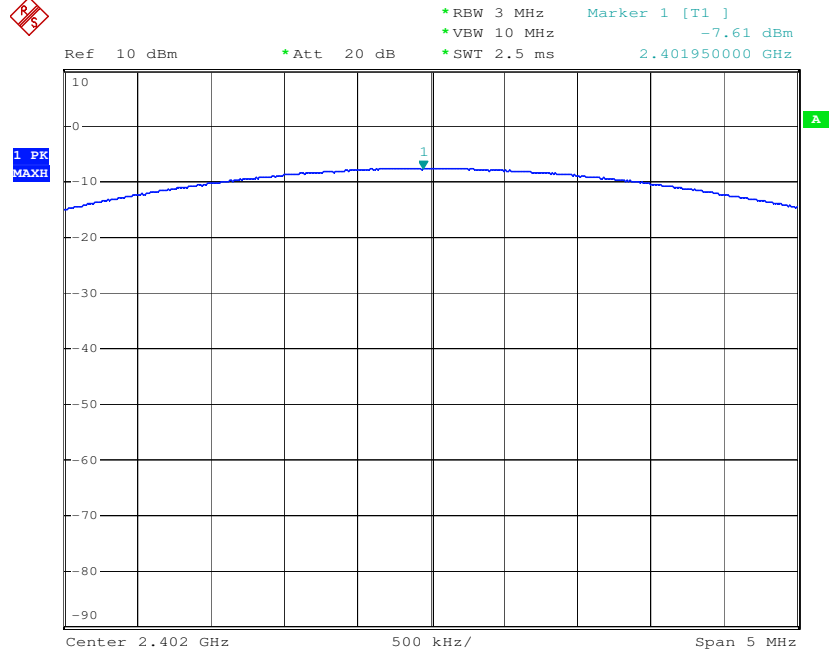
Modulation: DQPSK  
Tx frequency: 2480MHz



Date: 5.APR.2013 13:32:46

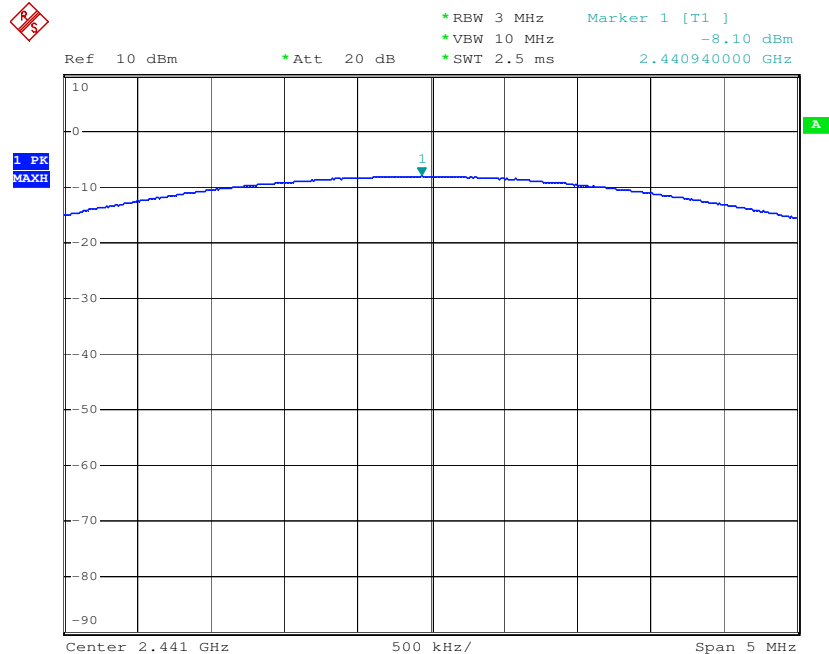
www.tuv.com

Modulation: 8DPSK  
Tx frequency: 2402MHz



Date: 5.APR.2013 13:31:09

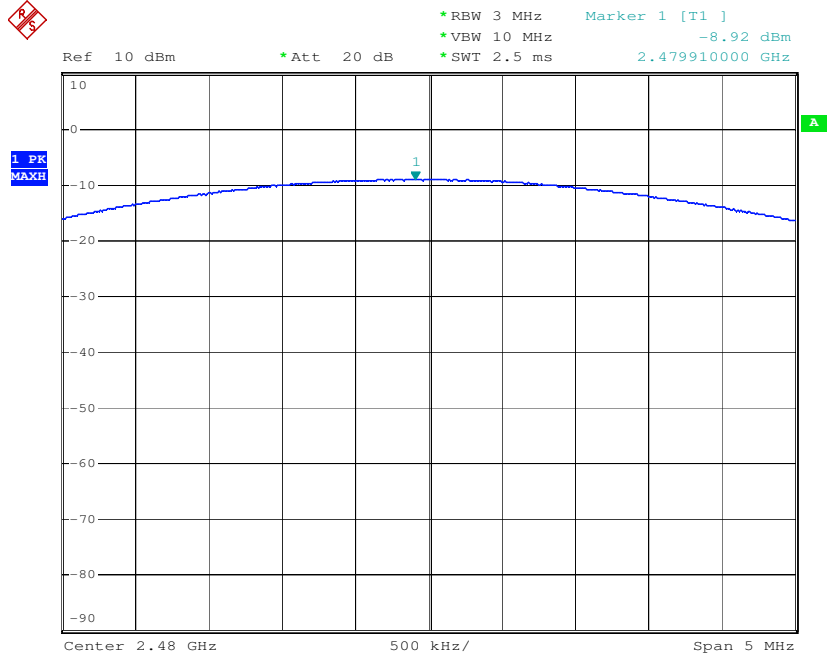
Modulation: 8DP SK  
Tx frequency: 2441MHz



Date: 5.APR.2013 13:30:45

www.tuv.com

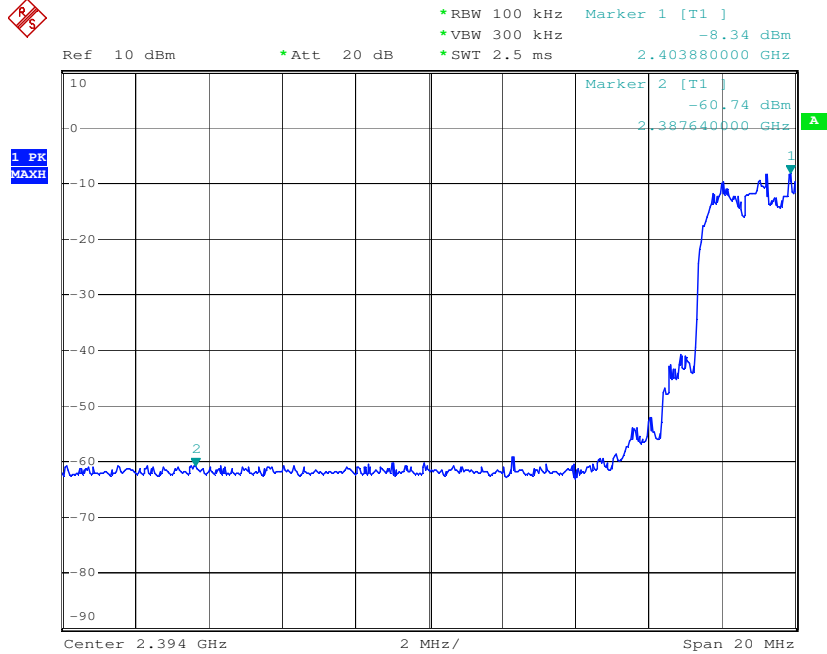
Modulation: 8DP SK  
Tx frequency: 2480MHz



Date: 5.APR.2013 13:30:23

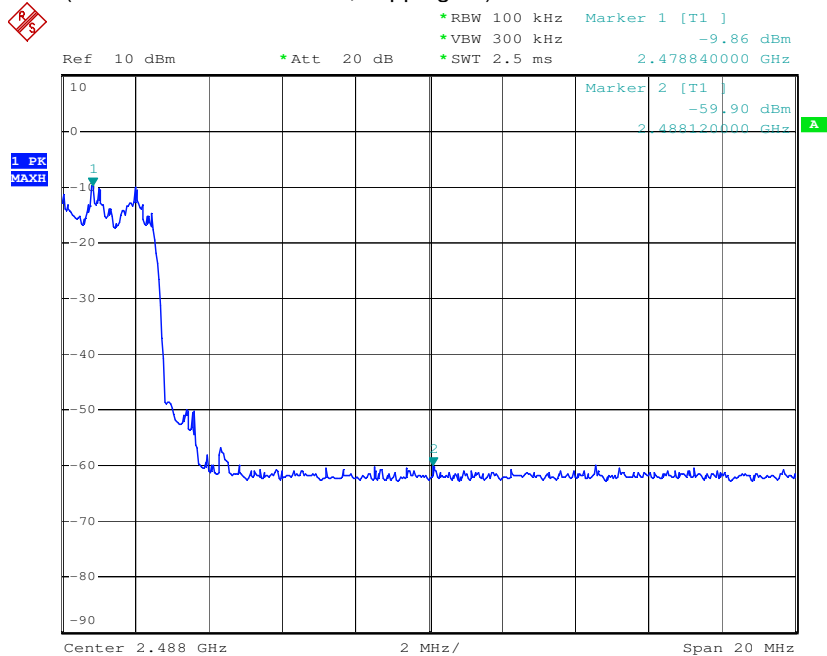
## Band Edge Compliance

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



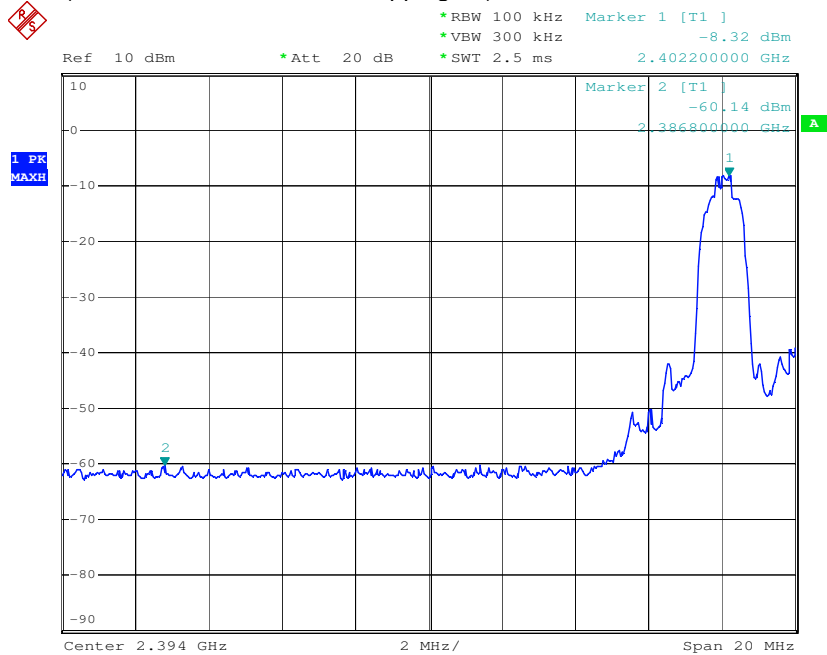
Date: 5.APR.2013 16:42:01

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

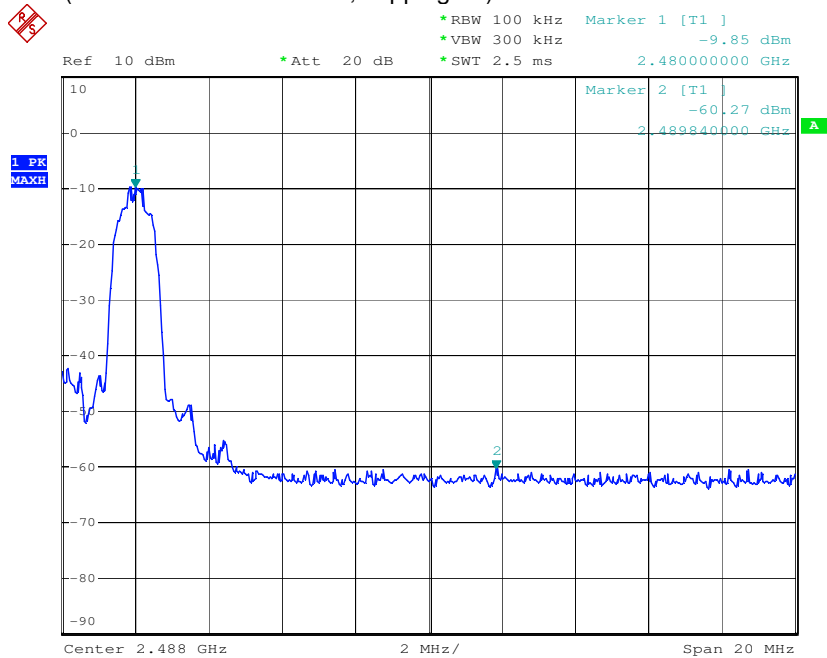


Date: 5.APR.2013 13:54:04

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

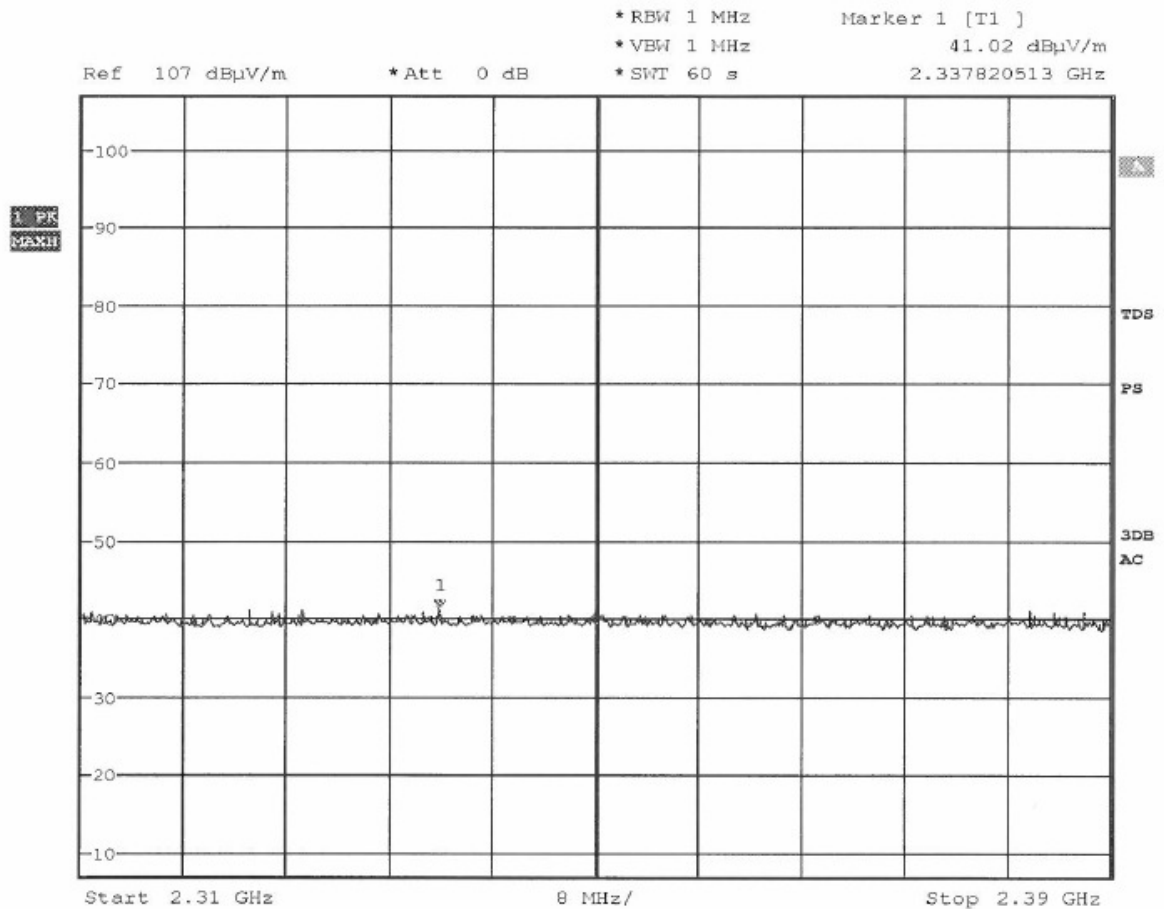


Tx frequency: 2480MHz (conducted measurement; hopping off)



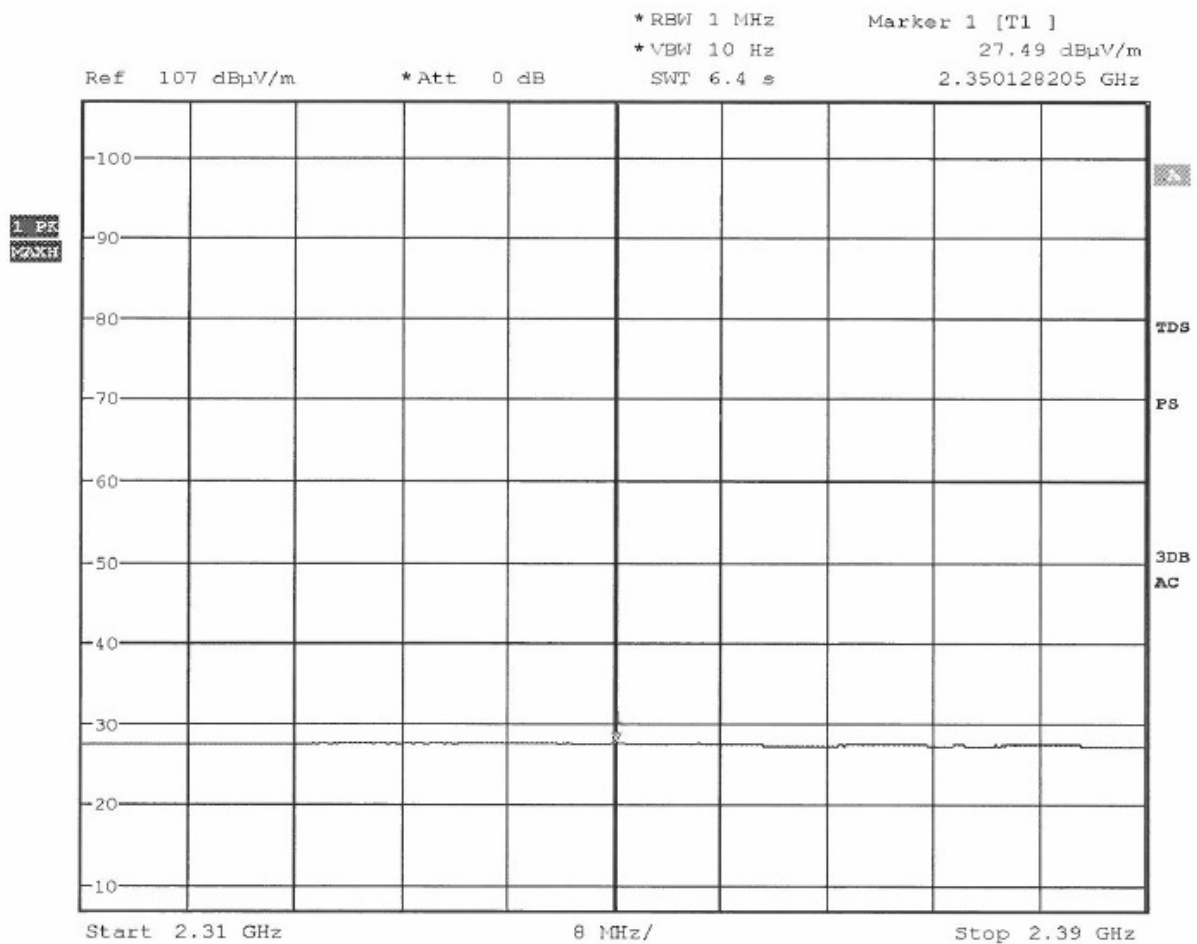
www.tuv.com

Tx frequency: 2402MHz (radiated measurement)



KAN TSANG/ BT SPEAKER/ KT-9078/ 00130321323-001/ 2402MHz/  
 VERT.  
 Date: 9.APR.2013 17:59:08

Vertical Polarization

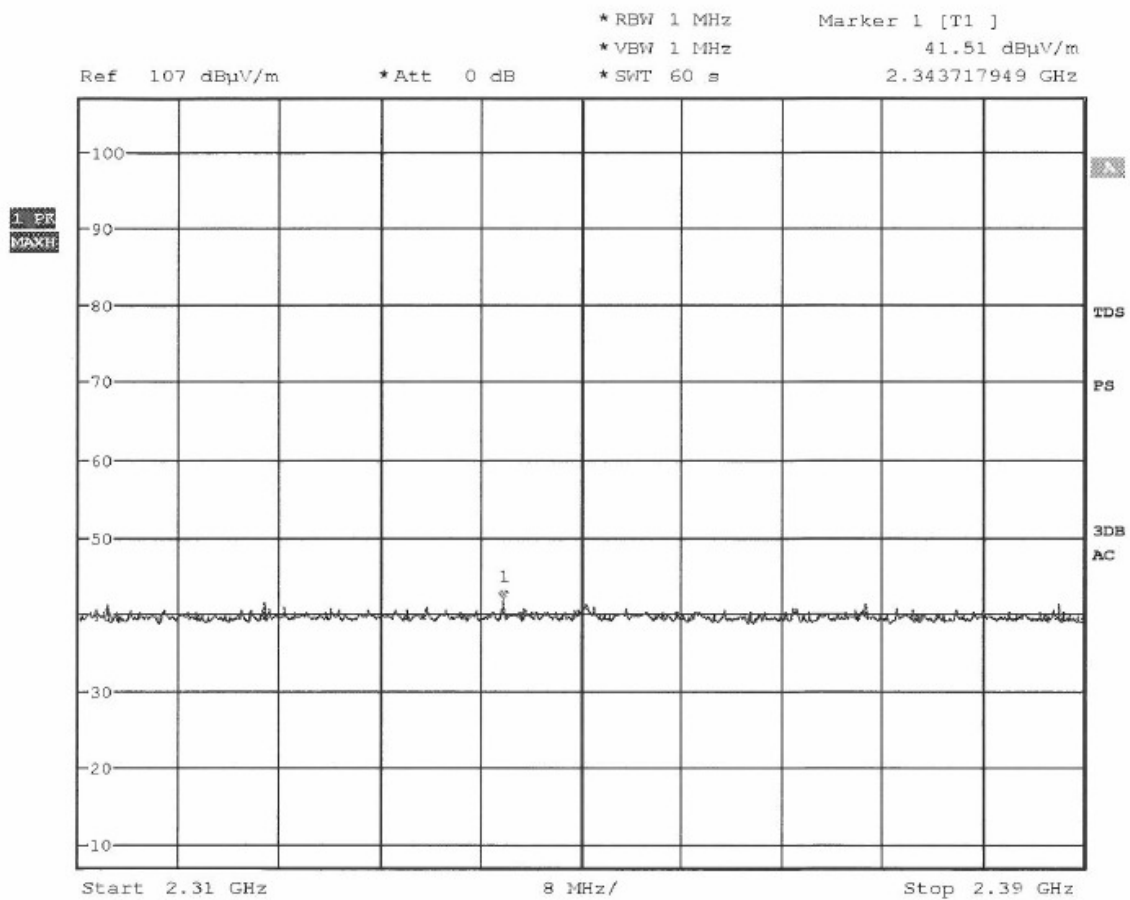


KAN TSANG/ BT SPEAKER/ KT-9078/ 00130321323-001/ 2402MHz/

VERT.

Date: 9.APR.2013 17:59:22

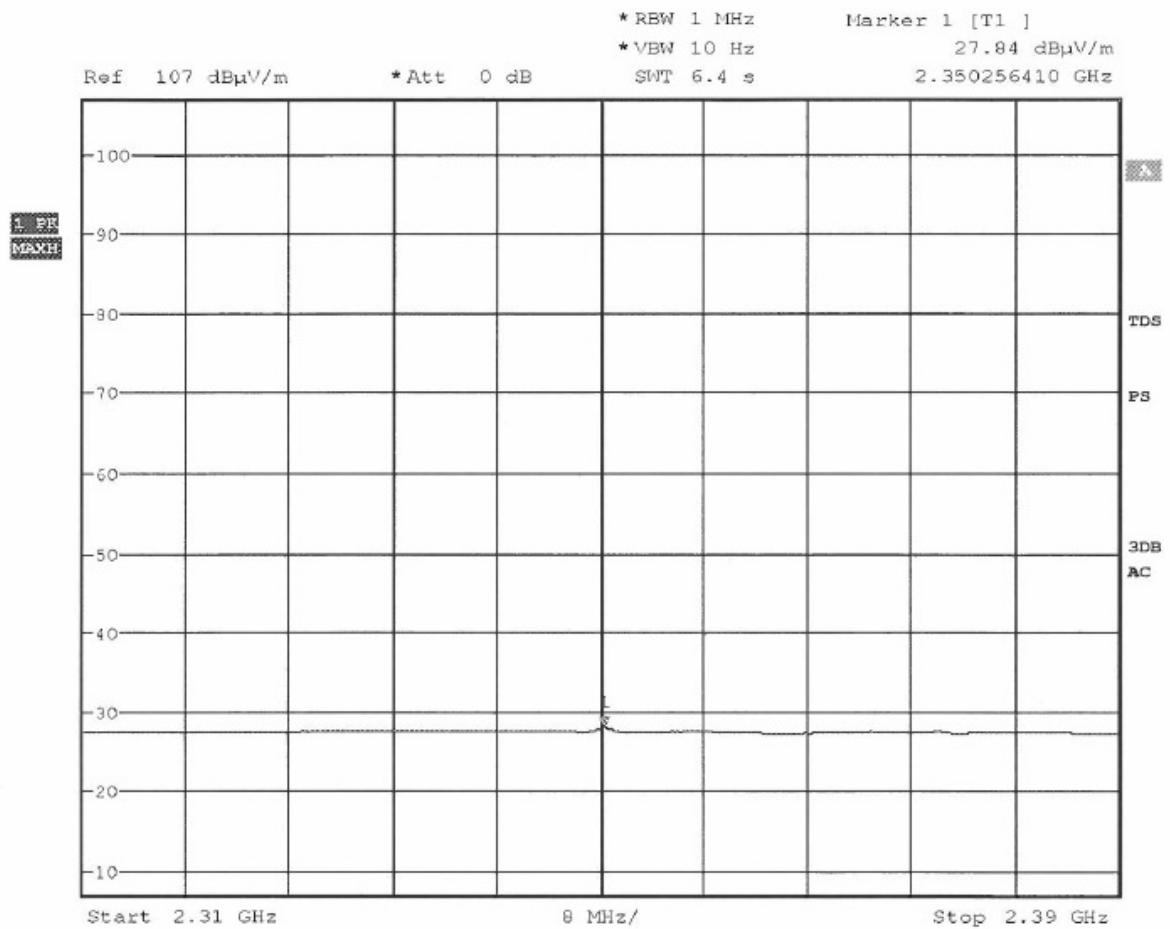
Vertical Polarization



KAN TSANG/ BT SPEAKER/ KT-9078/ 00130321323-001/ 2402MHz/  
 HORI.

Date: 9.APR.2013 17:57:25

Horizontal Polarization



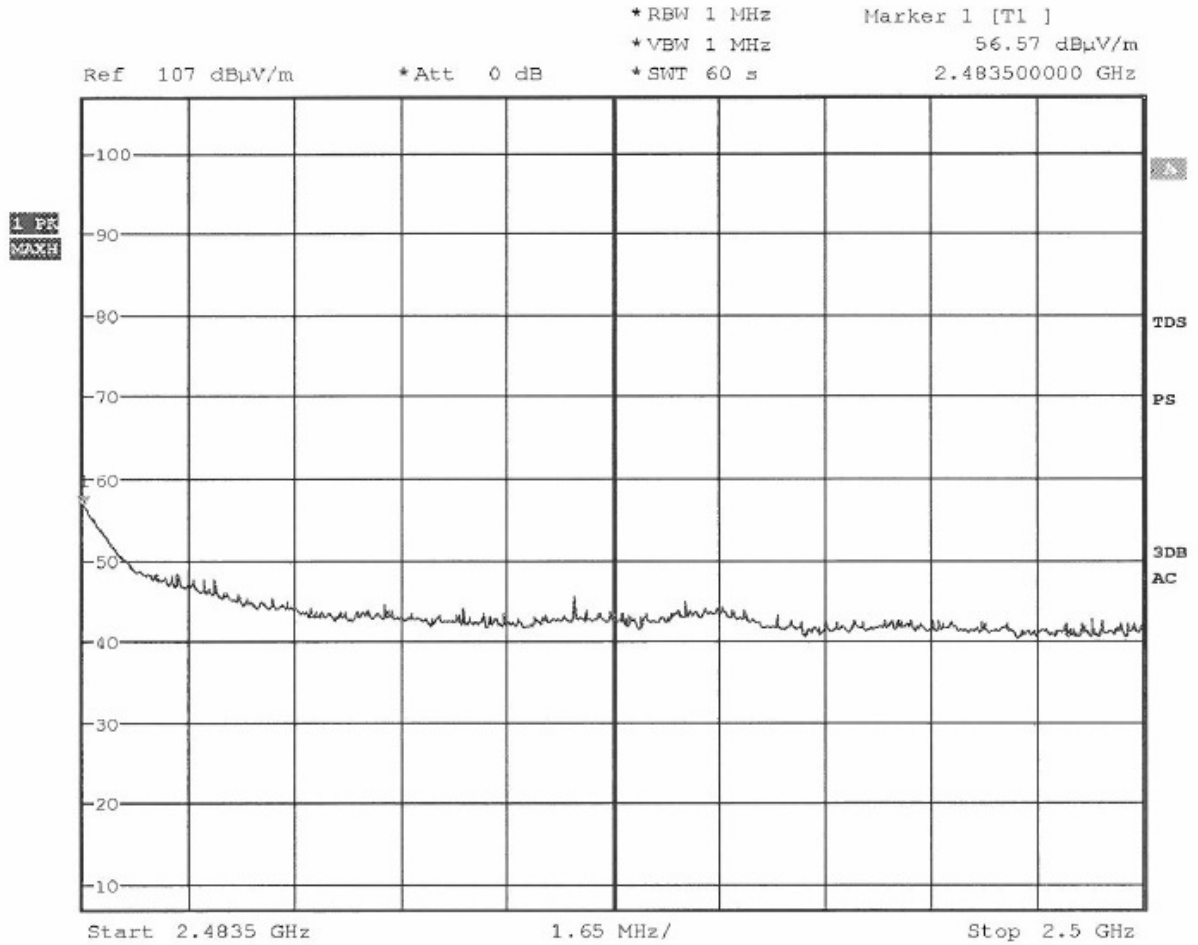
KAN TSANG/ BT SPEAKER/ KT-9078/ 00130321323-001/ 2402MHz/

HORI.

Date: 9.APR.2013 17:57:54

Horizontal Polarization

Tx frequency: 2480MHz (radiated measurement)

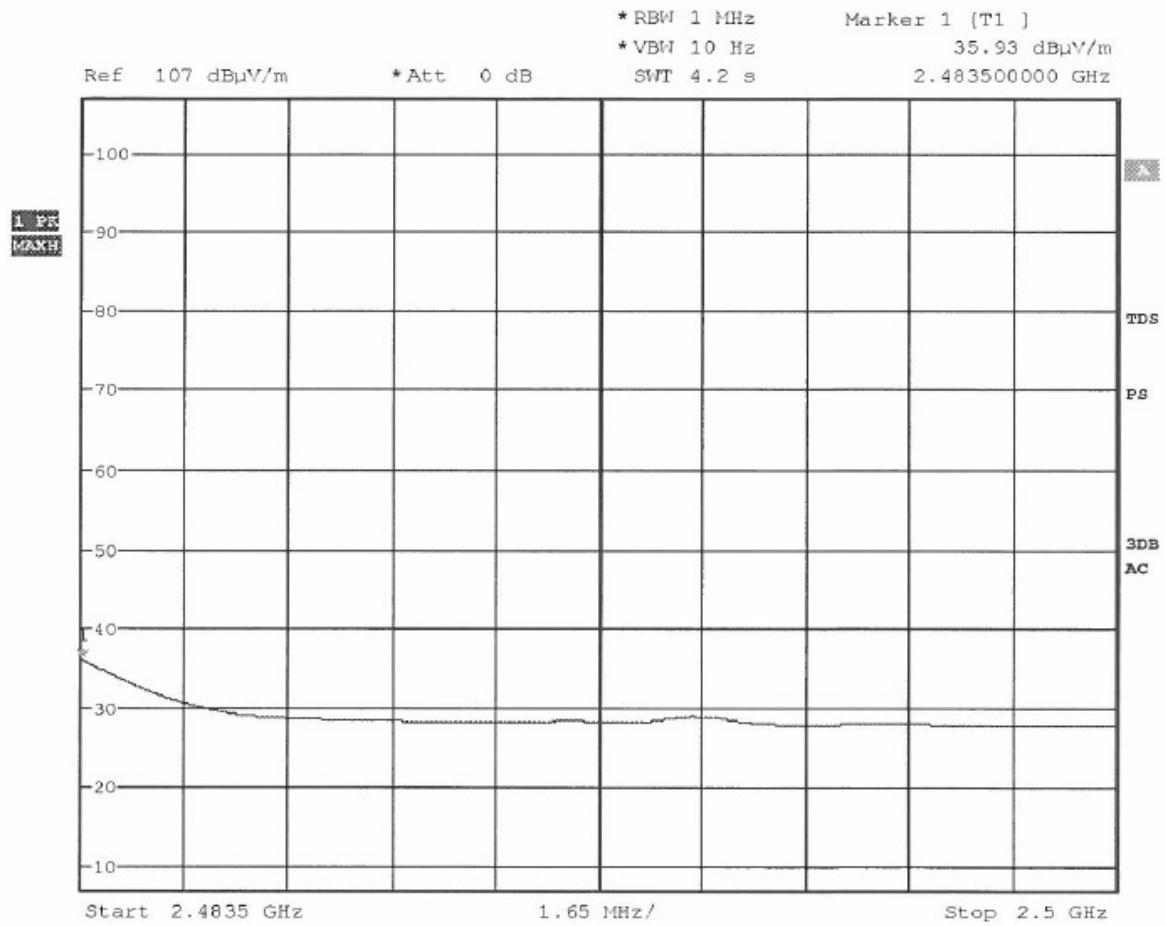


KAN TSANG/ BT SPEAKER/ KT-9078/ 00130321323-001/ 2480MHz/

VERT.

Date: 9.APR.2013 18:04:19

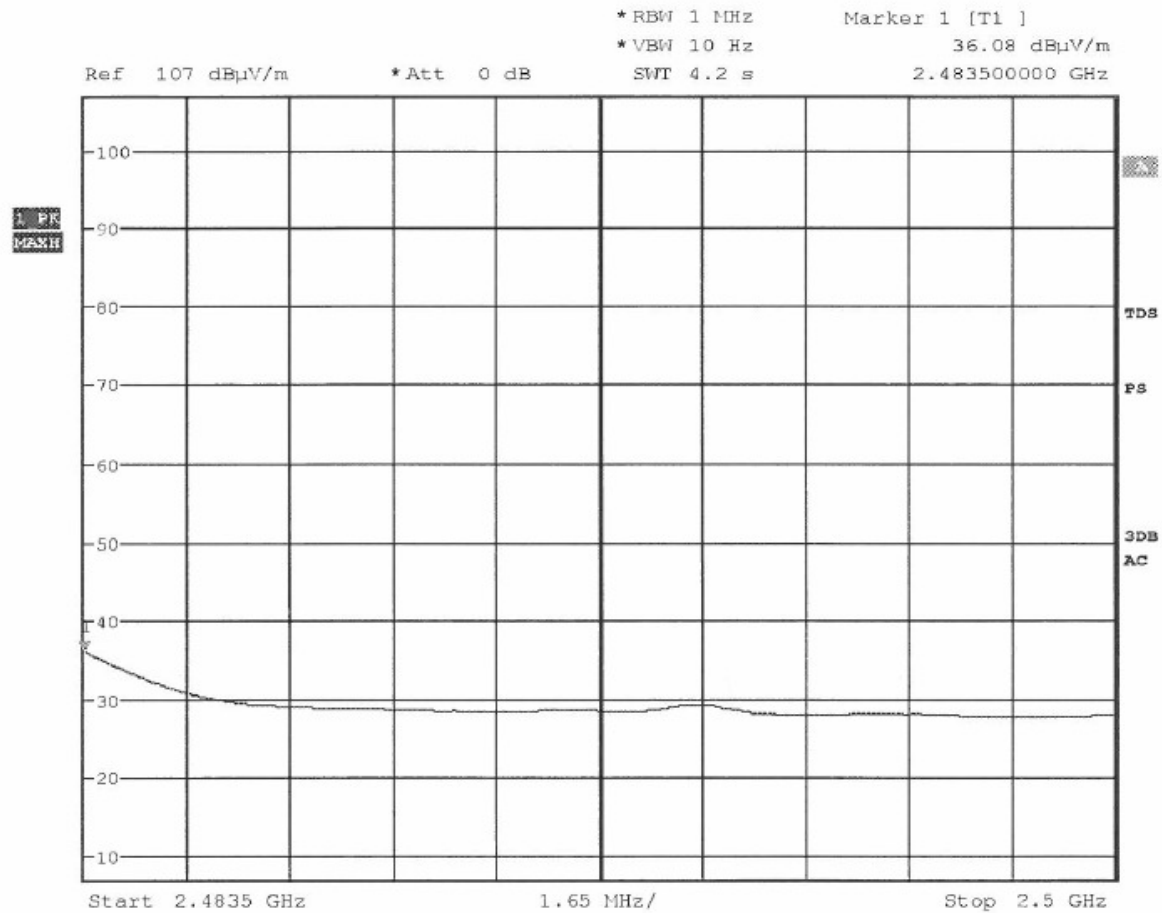
Vertical Polarization



KAN TSANG/ BT SPEAKER/ KT-9078/ 00130321323-001/ 2480MHz/  
 VERT.  
 Date: 9.APR.2013 18:04:33

Vertical Polarization





KAN TSANG/ BT SPEAKER/ KT-9078/ 00130321323-001/ 2480MHz/

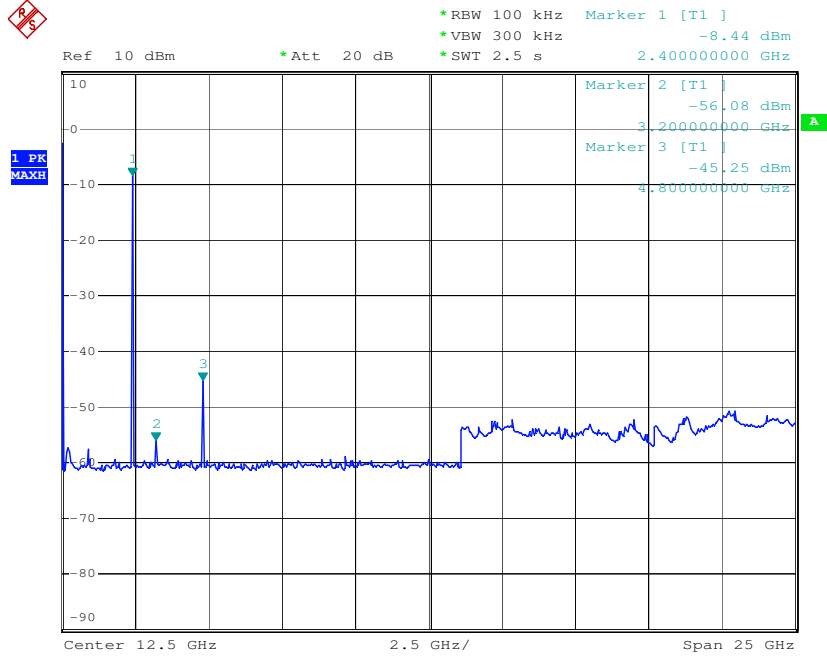
HORI.

Date: 9.APR.2013 18:07:38

### Horizontal Polarization

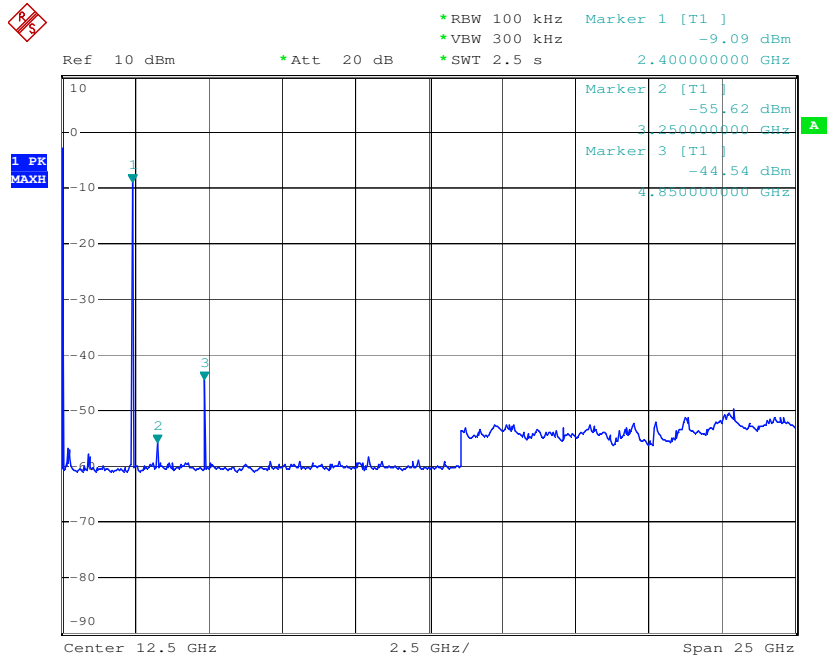
## Spurious Emissions - Conducted

Tx frequency: 2402MHz



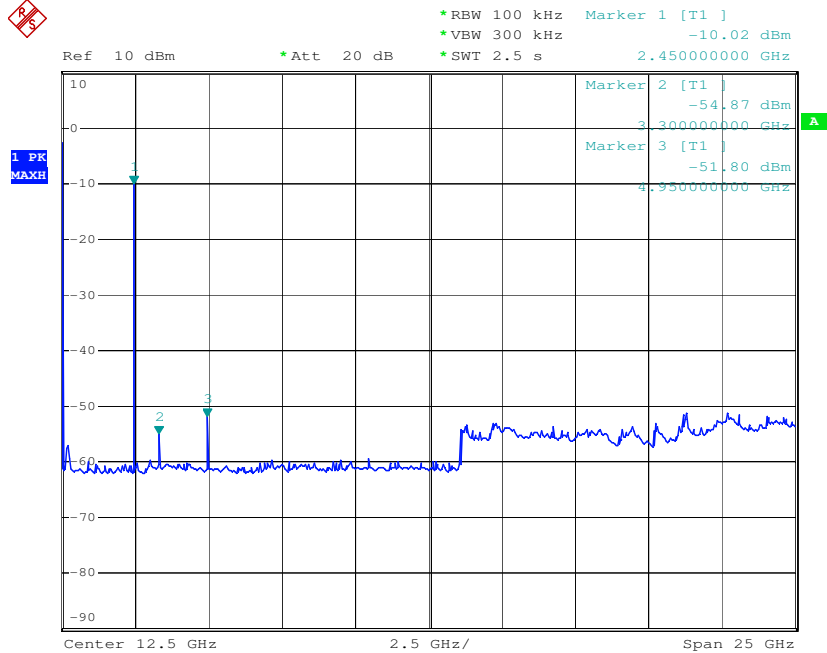
Date: 5.APR.2013 14:06:42

Tx frequency: 2441MHz



Date: 5.APR.2013 14:36:39

Tx frequency: 2480MHz



Date: 5.APR.2013 14:12:17