

# Appendix 1

## Test Results

# Disturbance Voltage on AC Mains

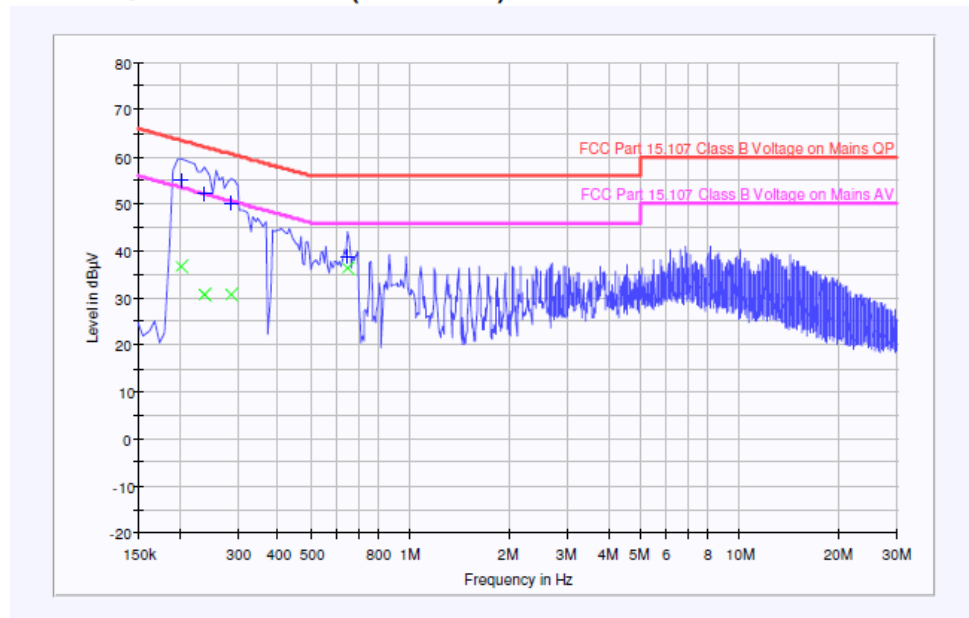
TUV Rheinland Hong Kong Ltd. - EMC Laboratory

## Continuous Disturbance

### Test Information

Client / EUT:	Witron BT Handset
Model no./ Sample no.	MM01BT
Test Standards	FCC Part 15
Operating Conditions:	Charging + Music play mode
Operator Name:	Mun
Test Voltage/ Frequency:	120V 60Hz
Description	L1

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



### Result Table Single

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
0.204000	55.0	36.8
0.240000	52.1	30.6
0.288000	50.2	30.7
0.648000	38.7	36.3

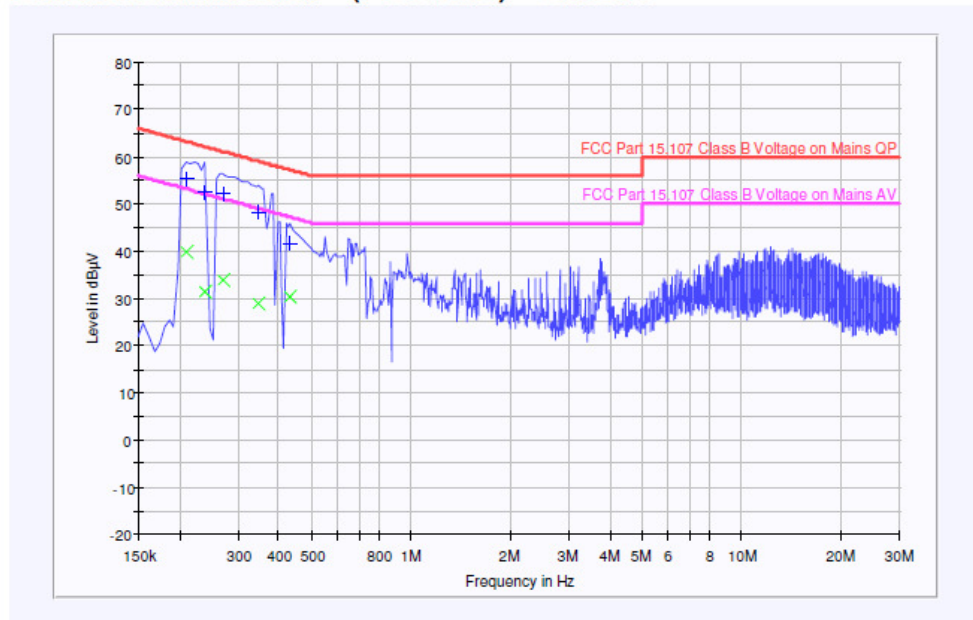
TUV Rheinland Hong Kong Ltd. - EMC Laboratory

## Continuous Disturbance

### Test Information

Client / EUT:	Witron BT Handset
Model no./ Sample no.	MM01BT
Test Standards	FCC Part 15
Operating Conditions:	Charging + Music play mode
Operator Name:	Mun
Test Voltage/ Frequency:	120V 60Hz
Description	N

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



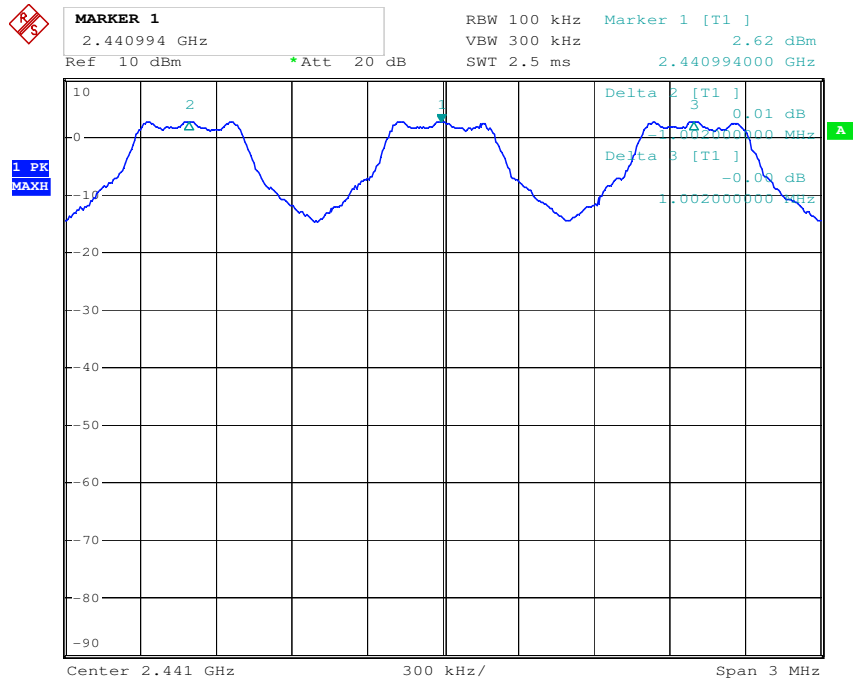
### Result Table Single

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
0.210000	55.5	39.9
0.240000	52.7	31.5
0.270000	52.2	34.0
0.348000	48.3	28.8
0.432000	41.8	30.2

17/08/2012

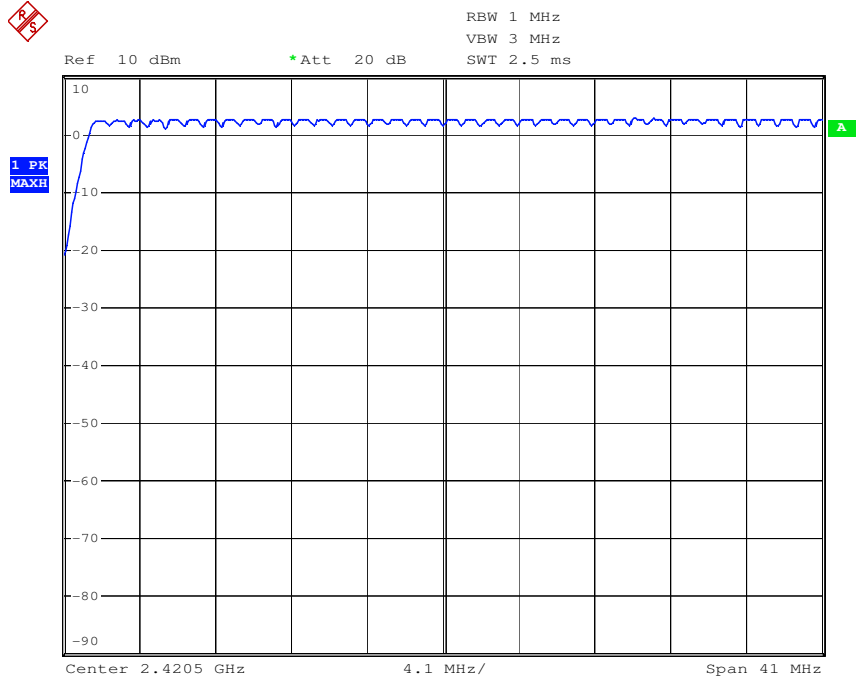
11:49:50

## Carrier Frequency Separation

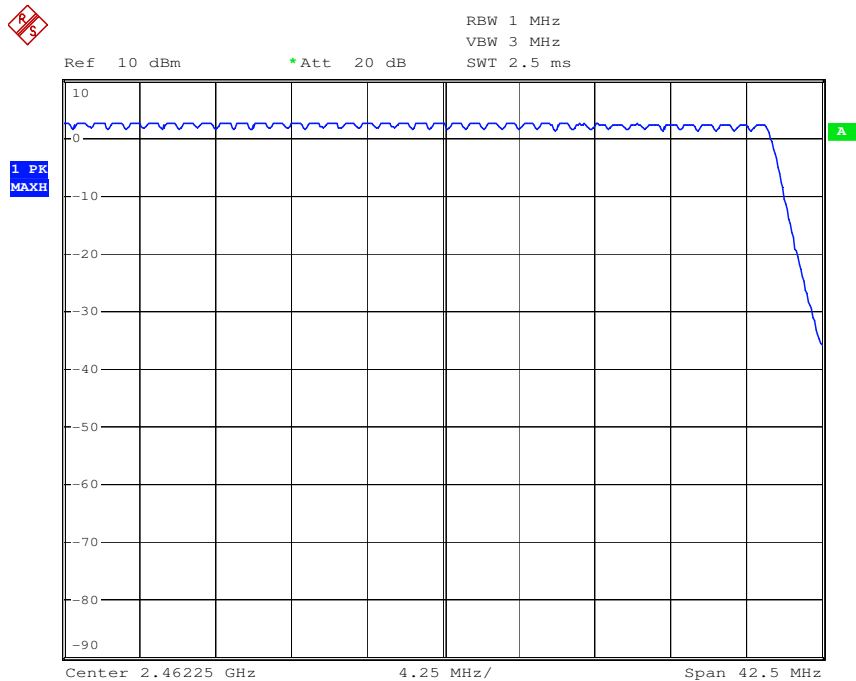


Date: 16.AUG.2012 10:13:17

# Number of hopping channels

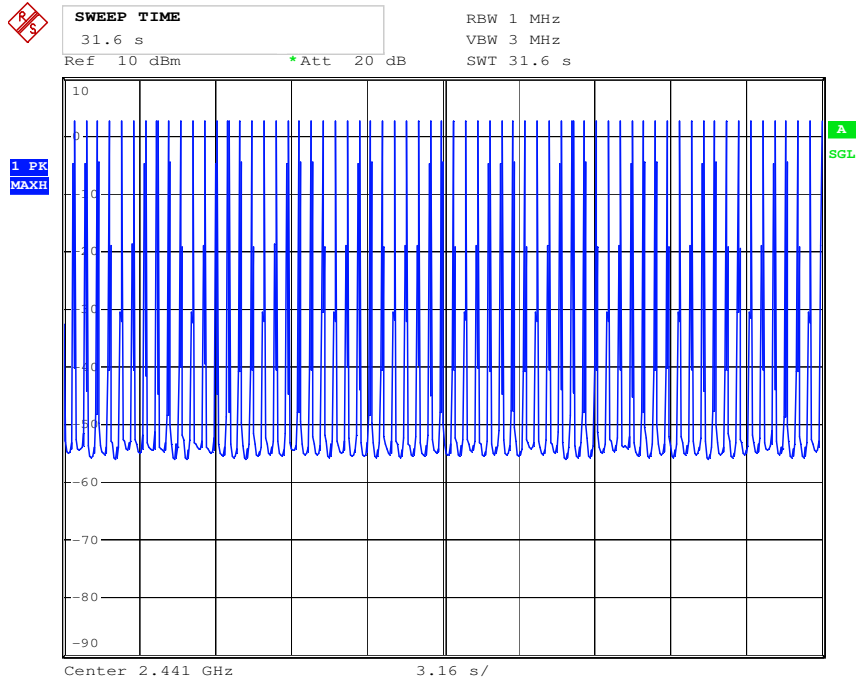


Date: 16.AUG.2012 10:14:48

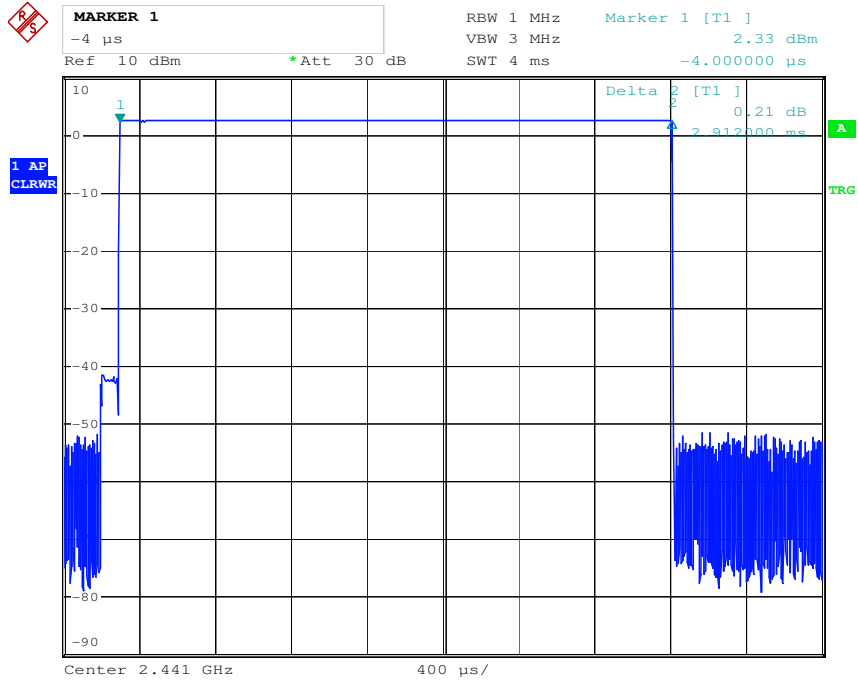


Date: 16.AUG.2012 10:15:56

# Dwell Time



Date: 16.AUG.2012 10:18:43

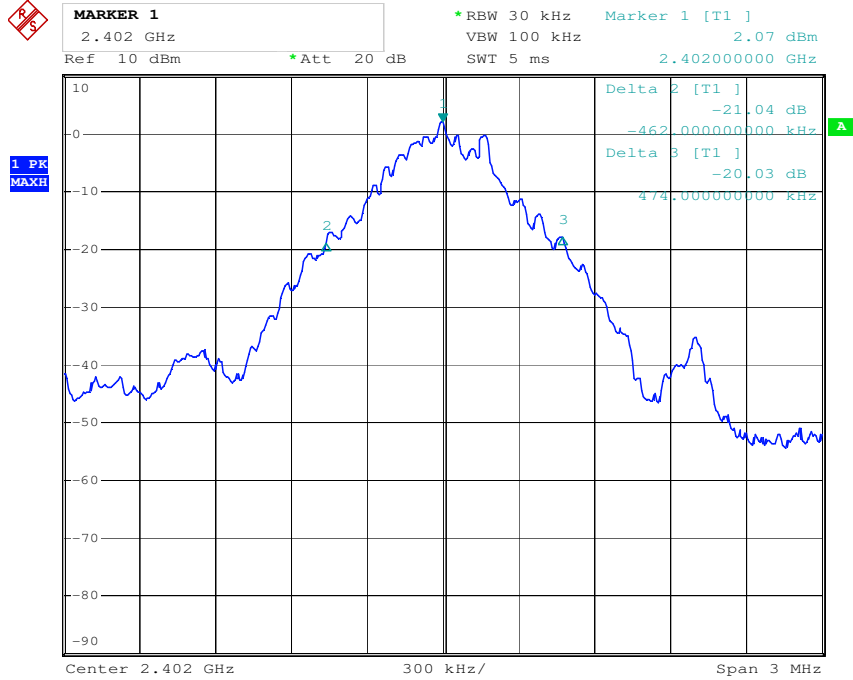


Date: 16.AUG.2012 10:19:46

## 20dB Bandwidth

Modulation: GFSK

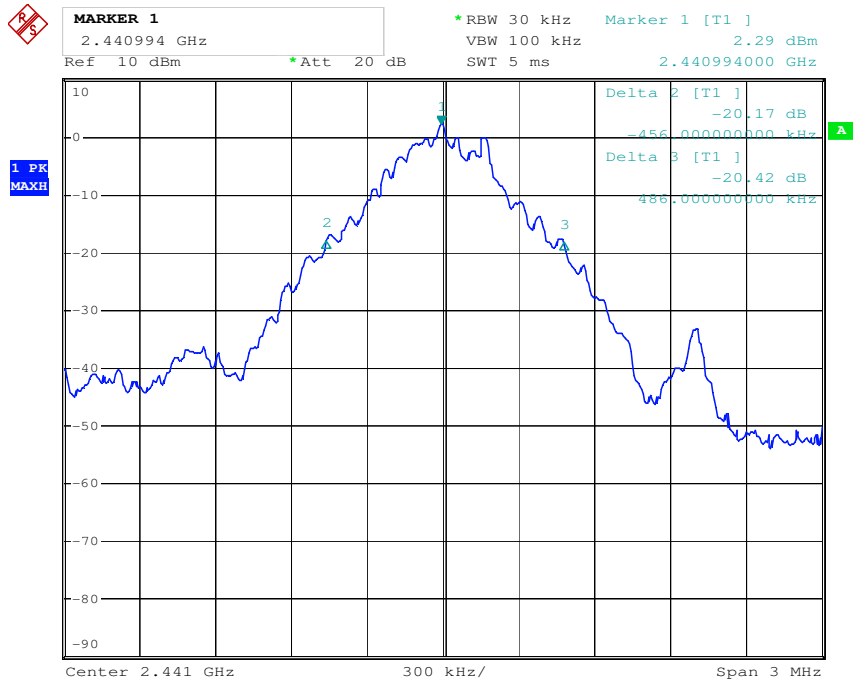
Tx frequency: 2402MHz



Date: 16.AUG.2012 10:21:29

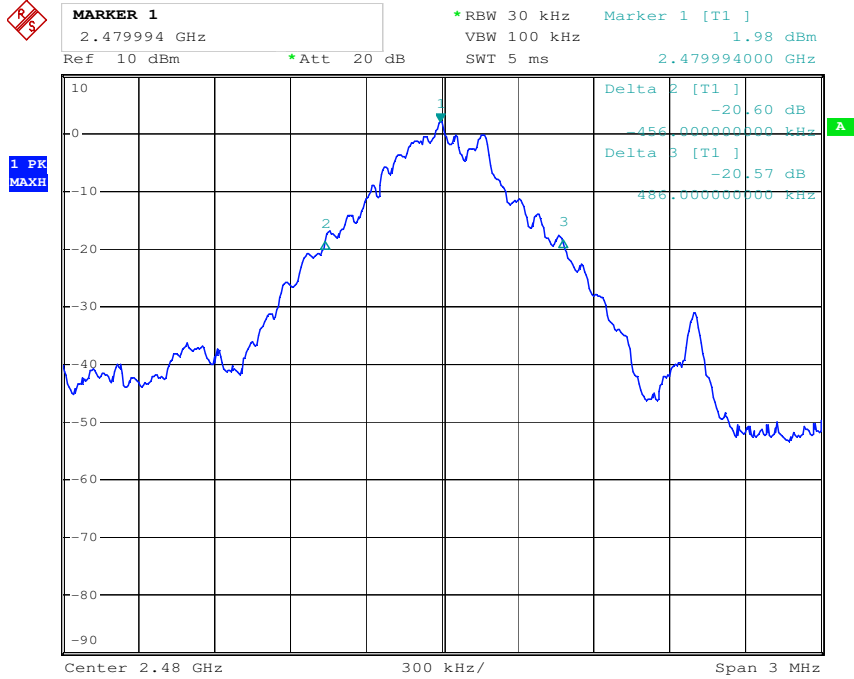
Modulation: GFSK

Tx frequency: 2441MHz



Date: 16.AUG.2012 10:22:31

Modulation: GFSK  
 Tx frequency: 2480MHz

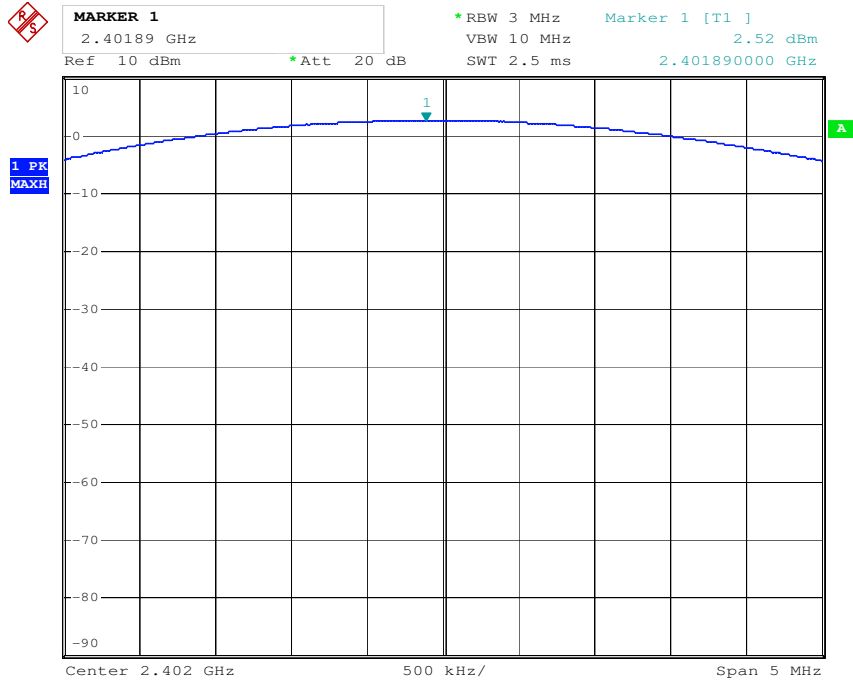


Date: 16.AUG.2012 10:24:04



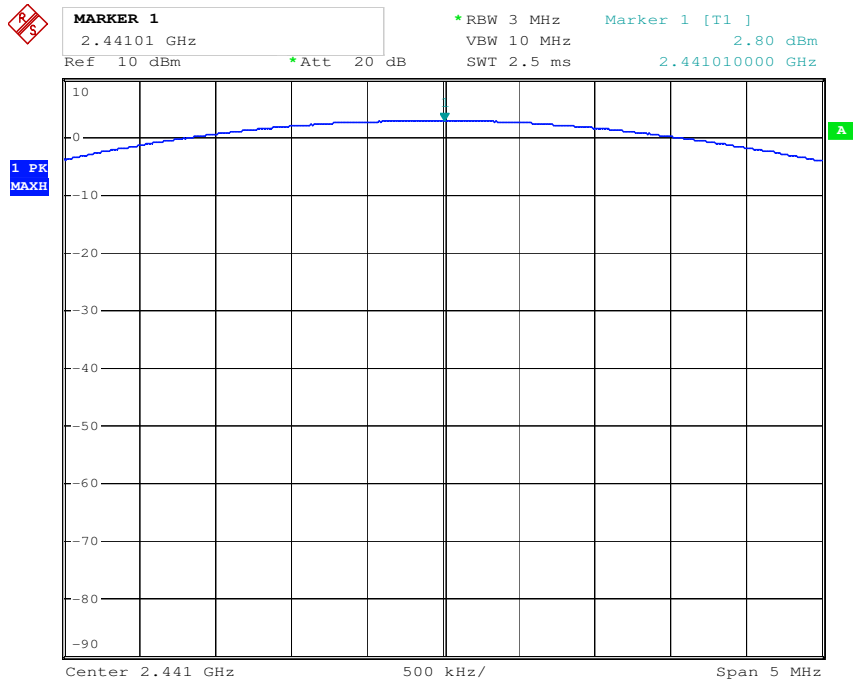
## Peak Output Power

Modulation: GFSK  
Tx frequency: 2402MHz



Date: 16.AUG.2012 10:24:56

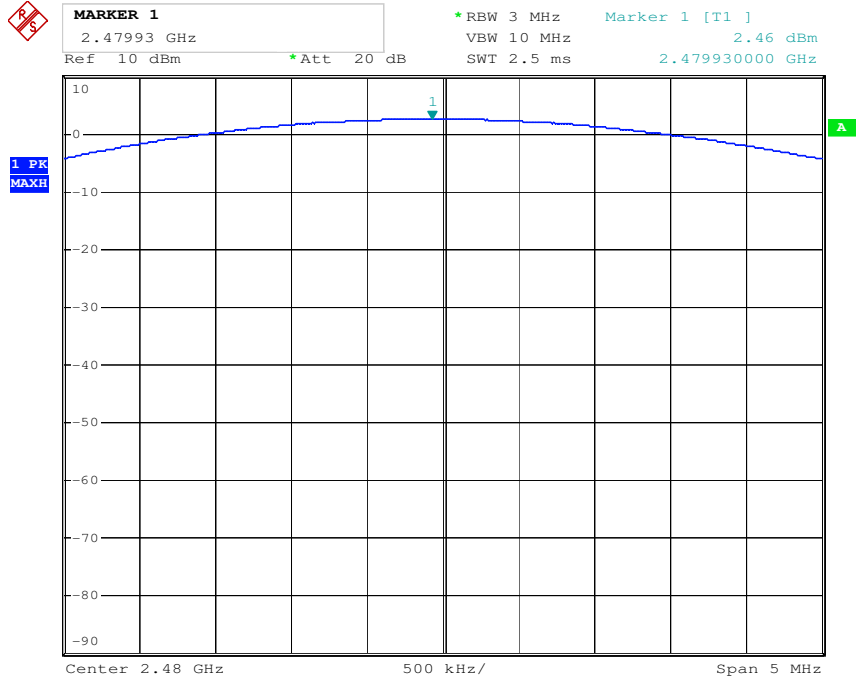
Modulation: GFSK  
Tx frequency: 2441MHz



Date: 16.AUG.2012 10:25:31

Modulation: GFSK

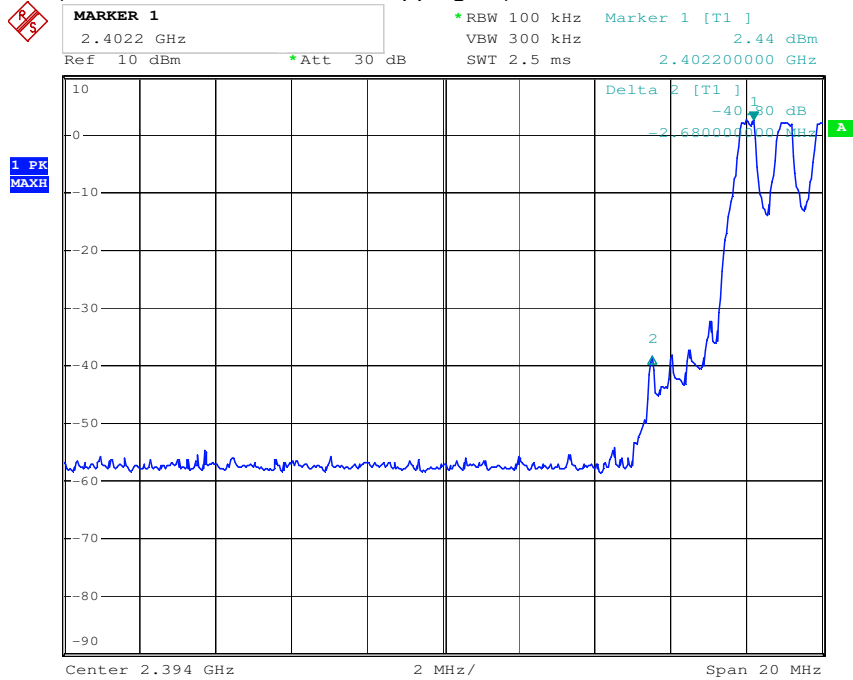
Tx frequency: 2480MHz



Date: 16.AUG.2012 10:26:00

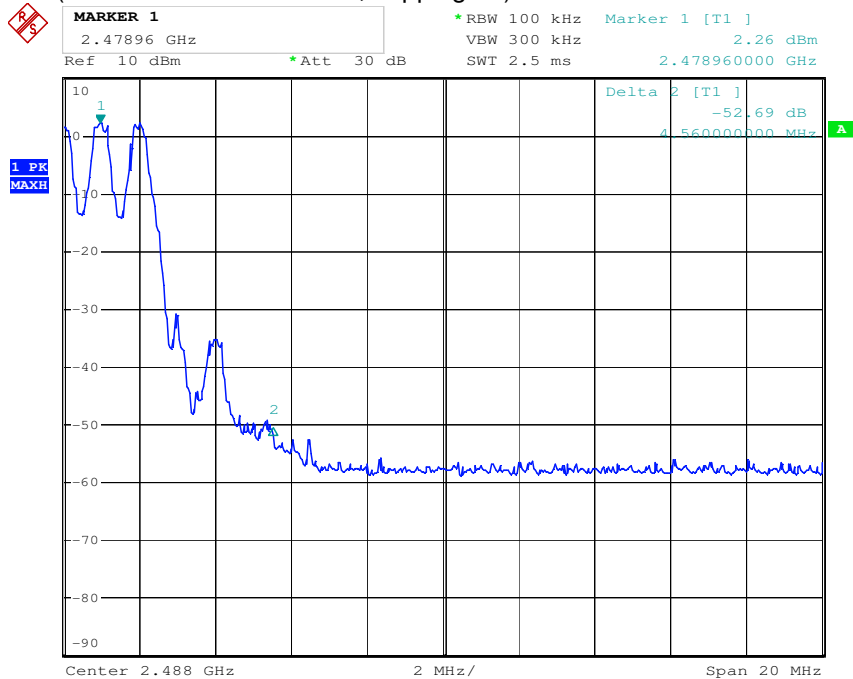
## Band Edge Compliance

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



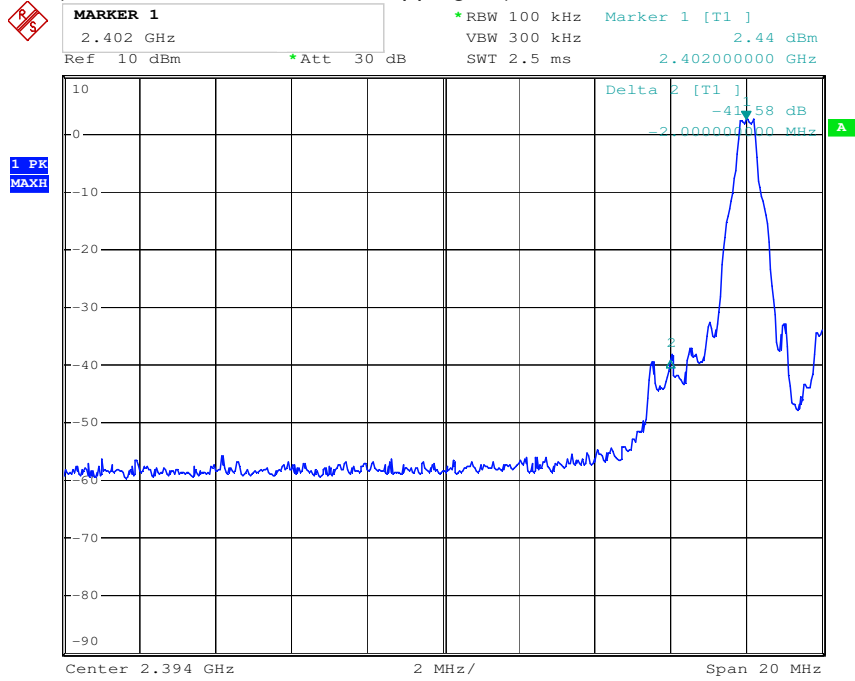
Date: 16.AUG.2012 10:33:30

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



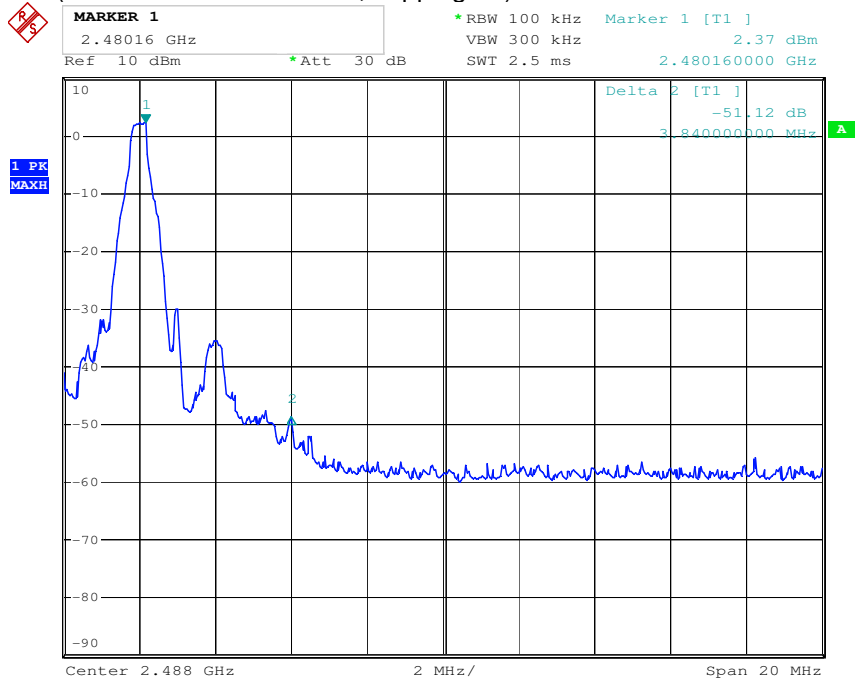
Date: 16.AUG.2012 10:37:26

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



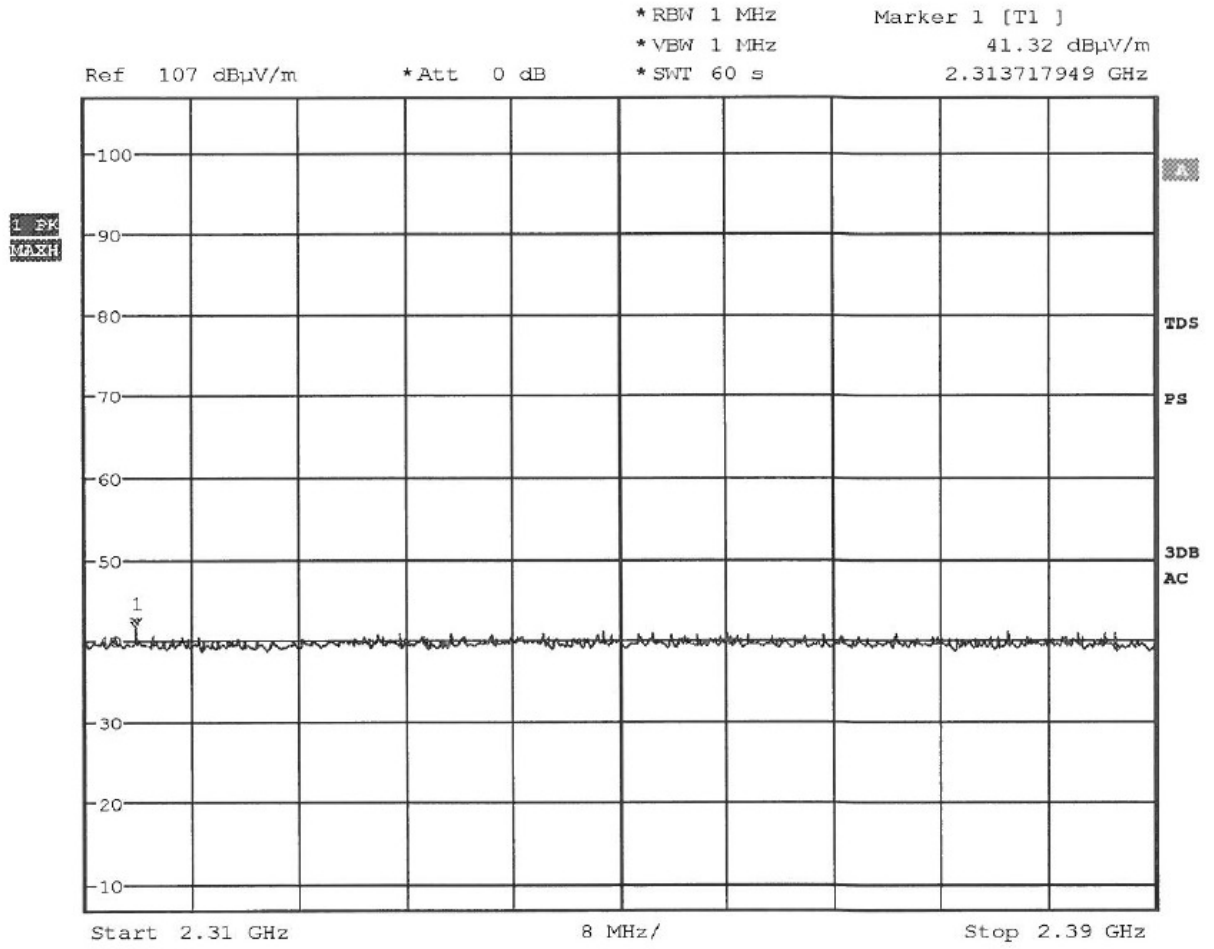
Date: 16.AUG.2012 10:27:42

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



Date: 16.AUG.2012 10:38:21

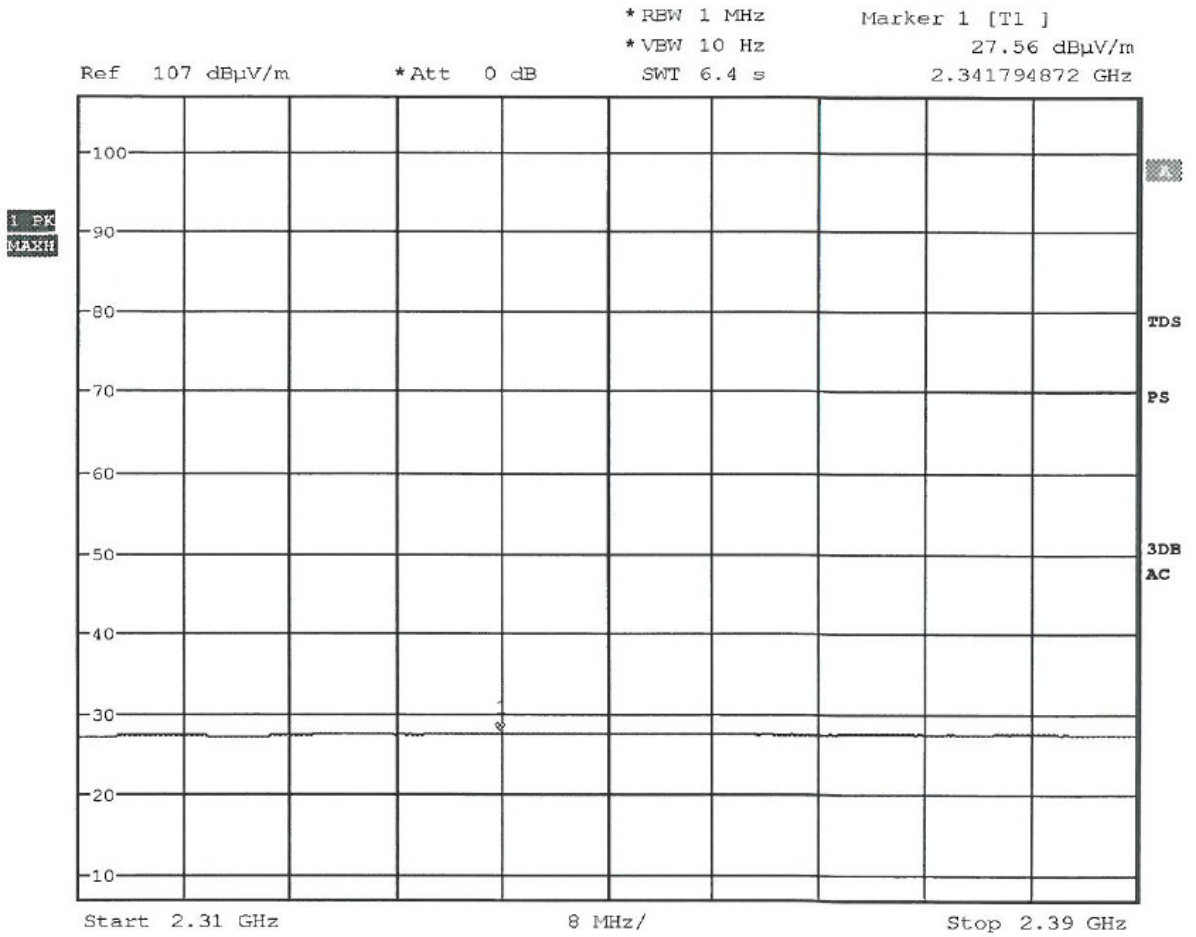
Tx frequency: 2402MHz (radiated measurement)



WITRON/ BT HANDSET/ MM01BT/ 00120802041-001/ 2402MHz/ VERT.

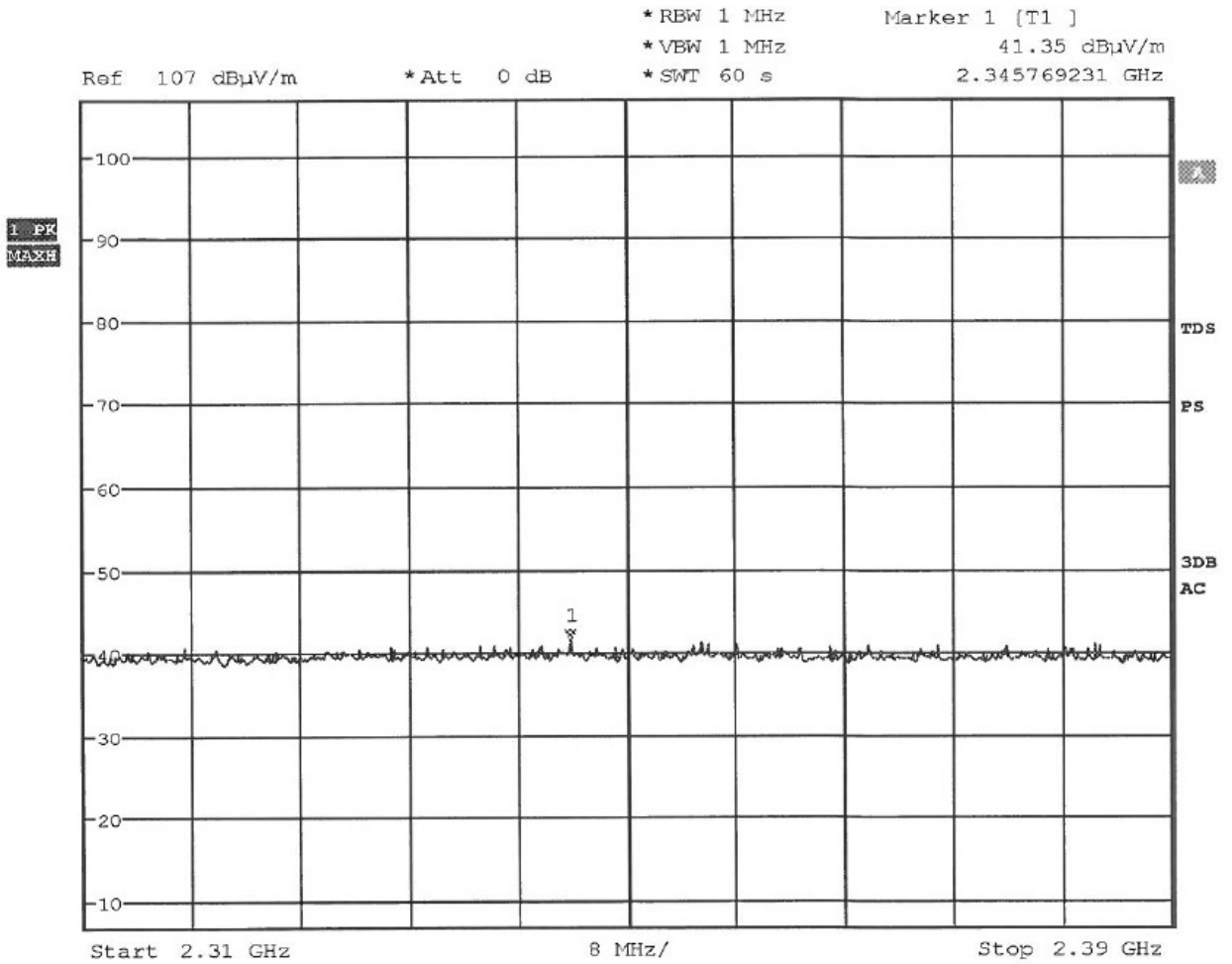
Date: 9.AUG.2012 17:19:09

Vertical Polarization



WITRON/ BT HANDSET/ MM01BT/ 00120802041-001/ 2402MHz/ VERT.  
 Date: 9.AUG.2012 17:21:19

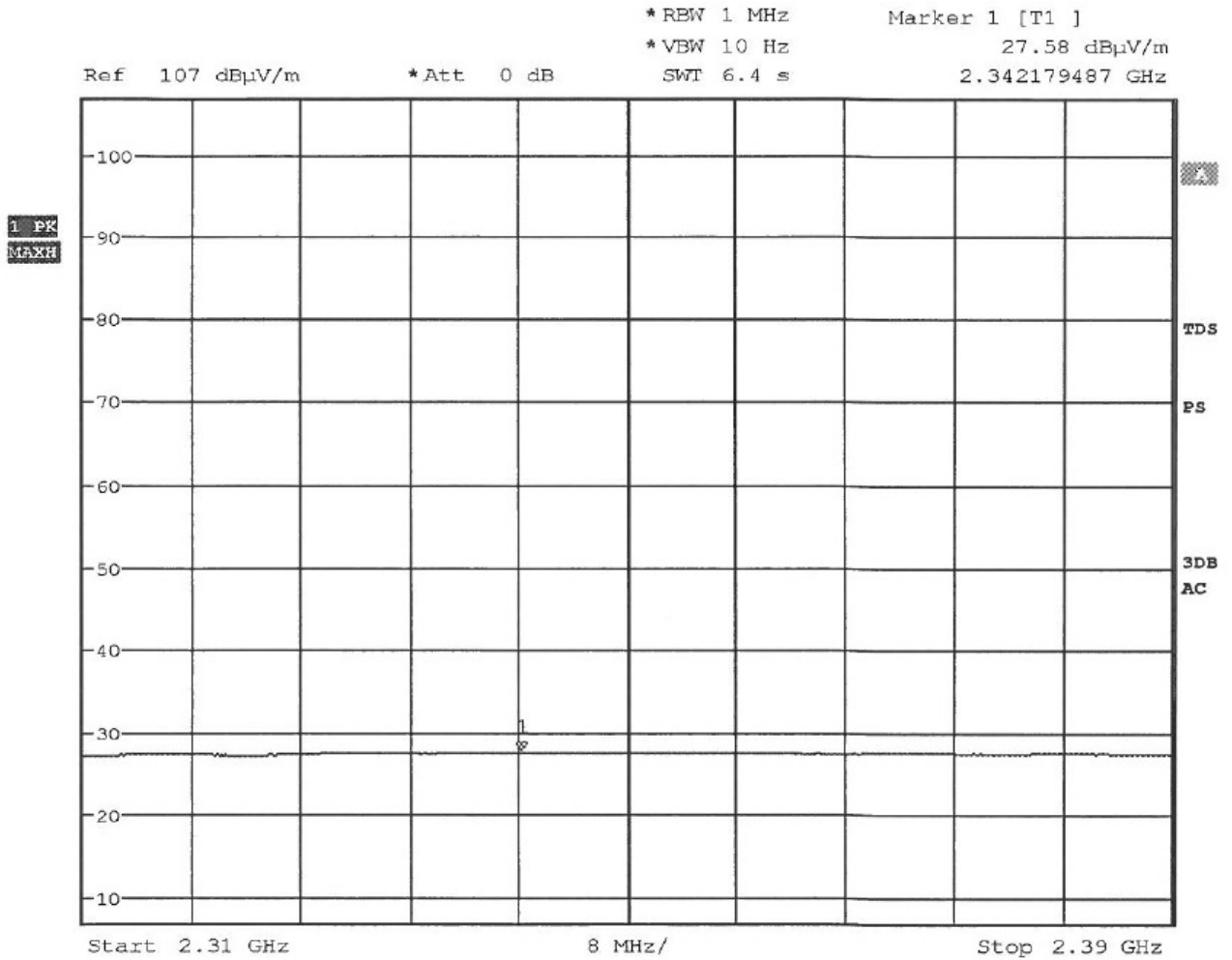
Vertical Polarization



WITRON/ BT HANDSET/ MM01BT/ 00120802041-001/ 2402MHz/ HORI.

Date: 9.AUG.2012 17:21:03

Horizontal Polarization



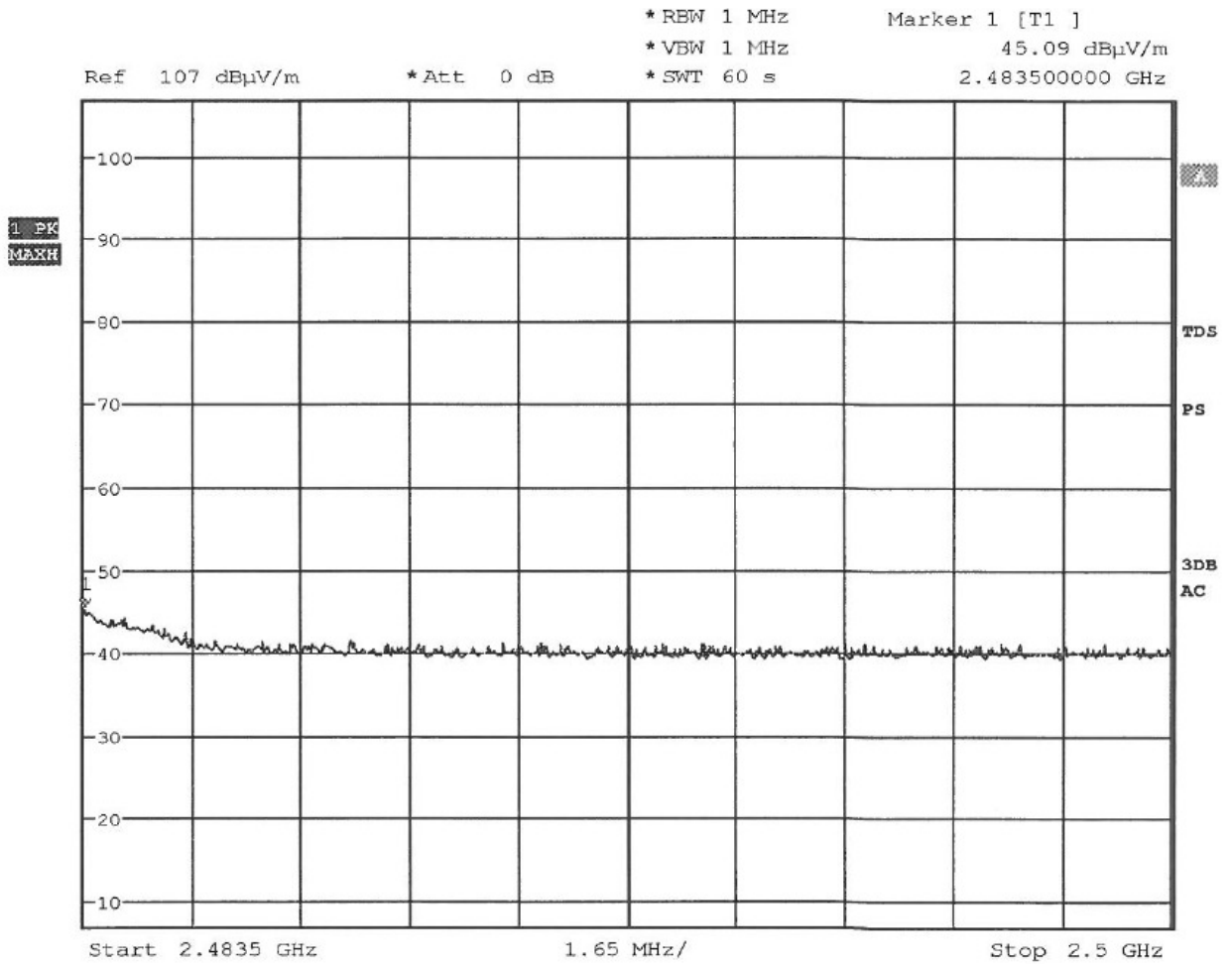
WITRON/ BT HANDSET/ MM01BT/ 00120802041-001/ 2402MHz/ HORI.

Date: 9.AUG.2012 17:19:51

Horizontal Polarization



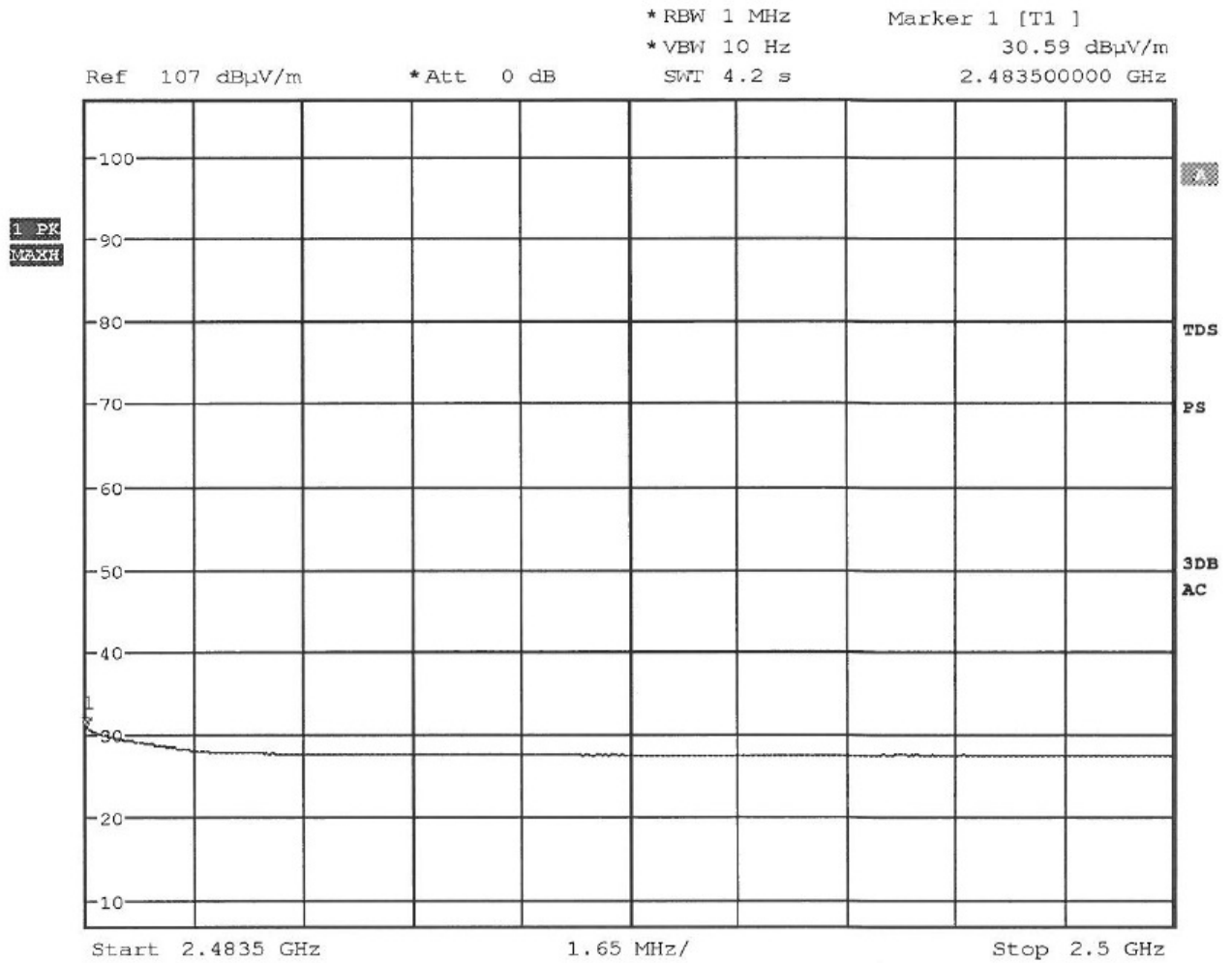
Tx frequency: 2480MHz (radiated measurement)



WITRON/ BT HANDSET/ MM01BT/ 00120802041-001/ 2480MHz/ VERT.

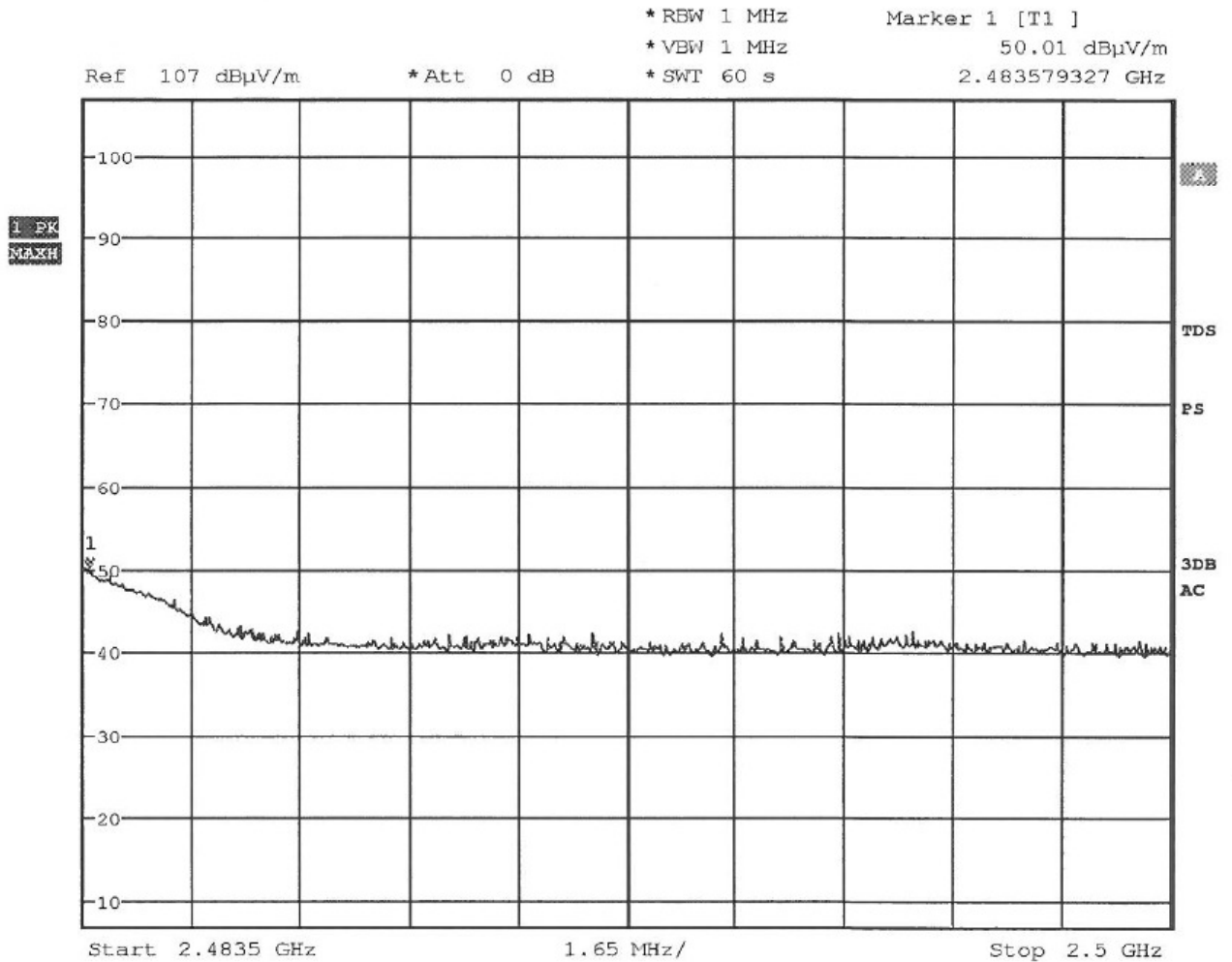
Date: 9.AUG.2012 17:42:12

Vertical Polarization



WITRON/ BT HANDSET/ MM01BT/ 00120802041-001/ 2480MHz/ VERT.  
 Date: 9.AUG.2012 17:42:43

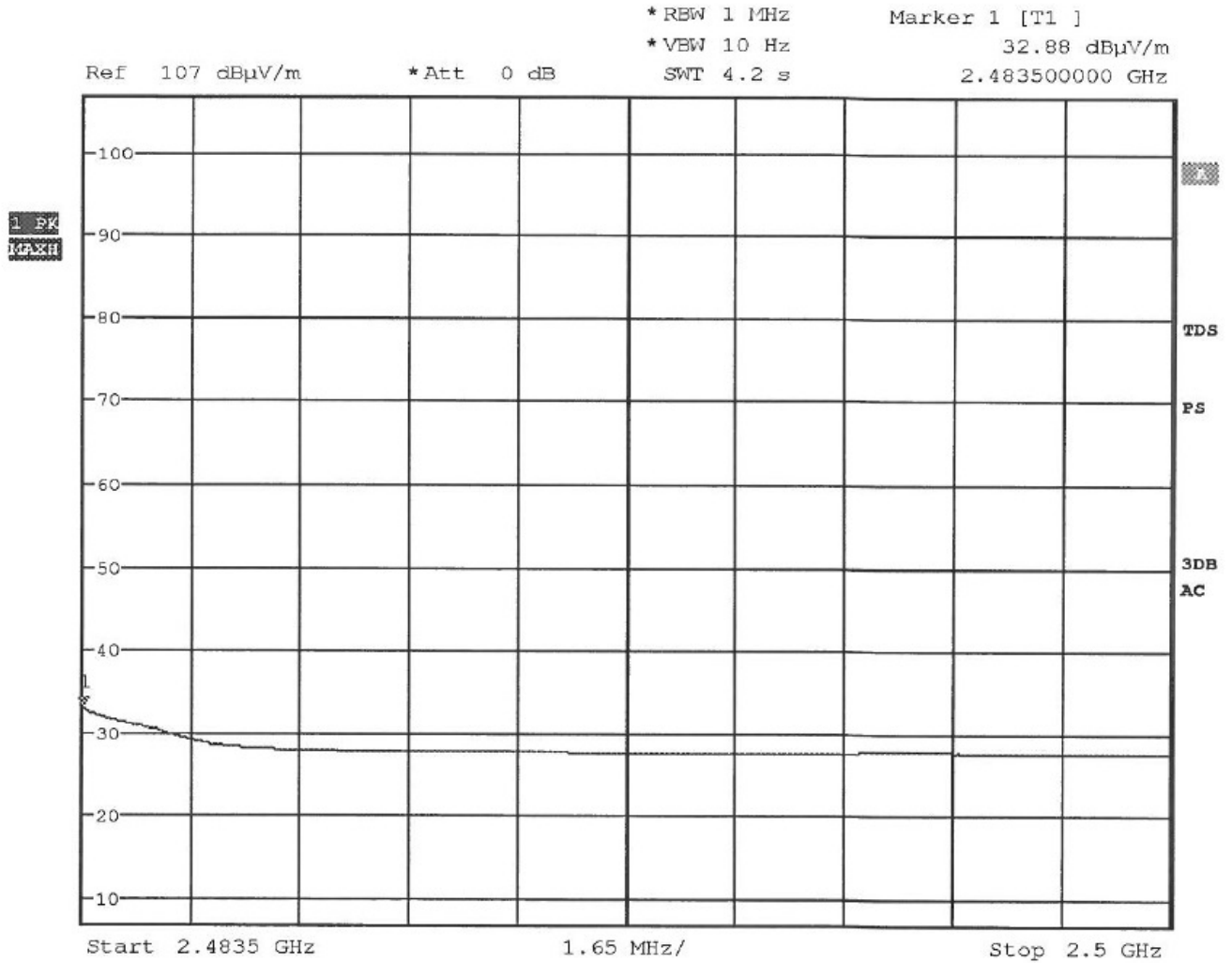
Vertical Polarization



WITRON/ BT HANDSET/ MM01BT/ 00120802041-001/ 2480MHz/ HORI.

Date: 9.AUG.2012 17:44:00

Horizontal Polarization

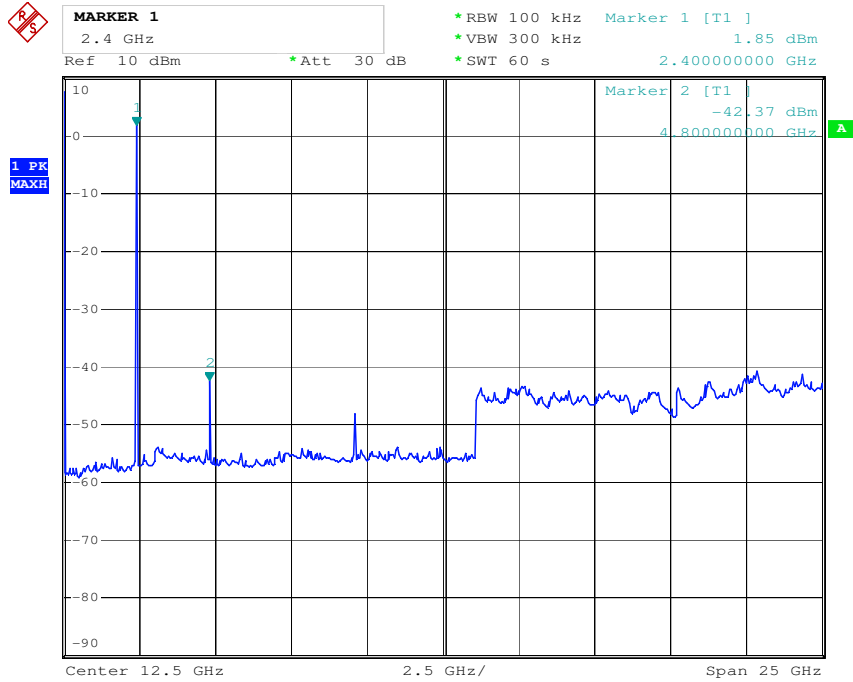


WITRON/ BT HANDSET/ MM01BT/ 00120802041-001/ 2480MHz/ HORI.  
 Date: 9.AUG.2012 17:44:10

Horizontal Polarization

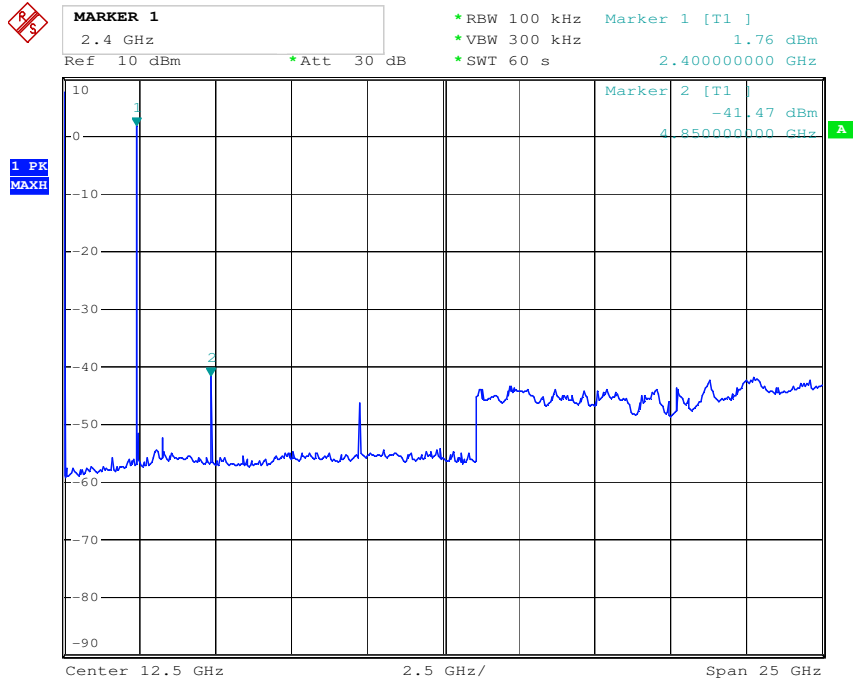
## Spurious Emissions - Conducted

Tx frequency: 2402MHz



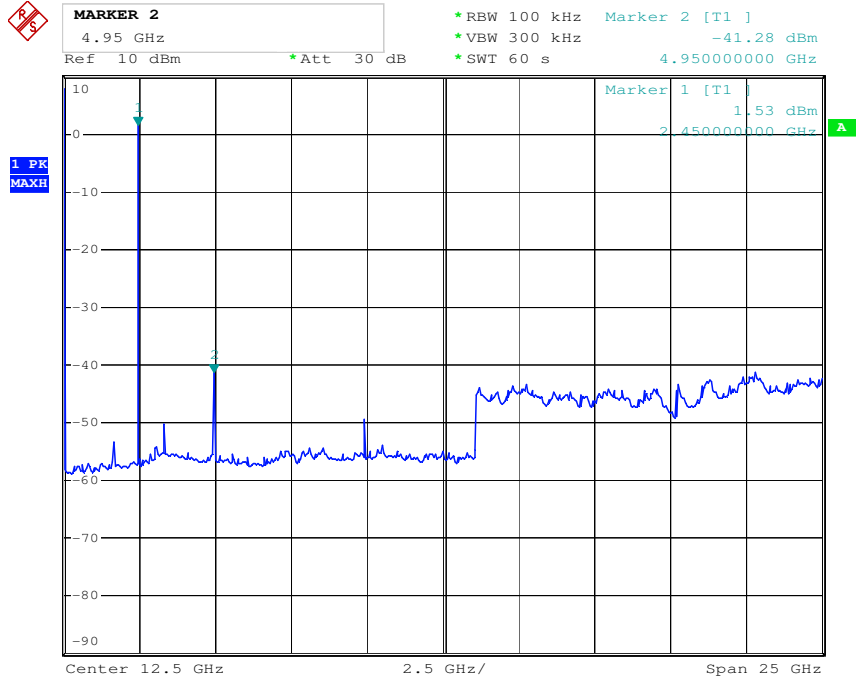
Date: 16.AUG.2012 10:48:11

Tx frequency: 2441MHz



Date: 16.AUG.2012 10:44:43

Tx frequency: 2480MHz



Date: 16.AUG.2012 10:41:32