

Appendix 1

Test Results

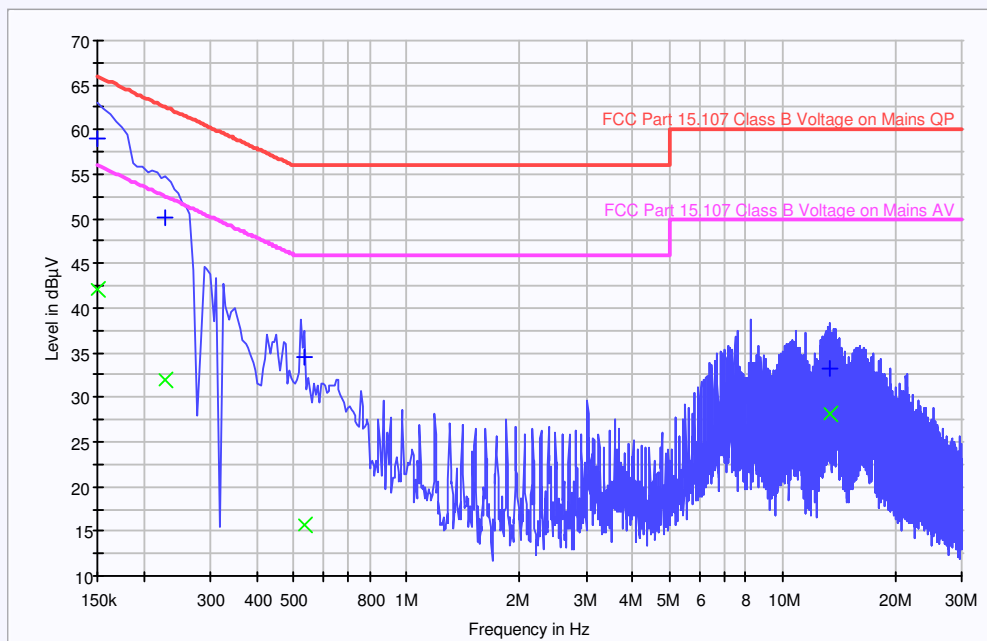
Disturbance Voltage on AC Mains

Continuous Disturbance

Test Information

EUT Name: Avantwave BT Car
Serial Number: BRC10Xi(00111209142-008)
Test Description: FCC Part 15 Class B
Operating Conditions: Charging + Transmitting
Operator Name: Chung
Comment: 120V 60Hz
Description: CE L1

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



Result Table_Single

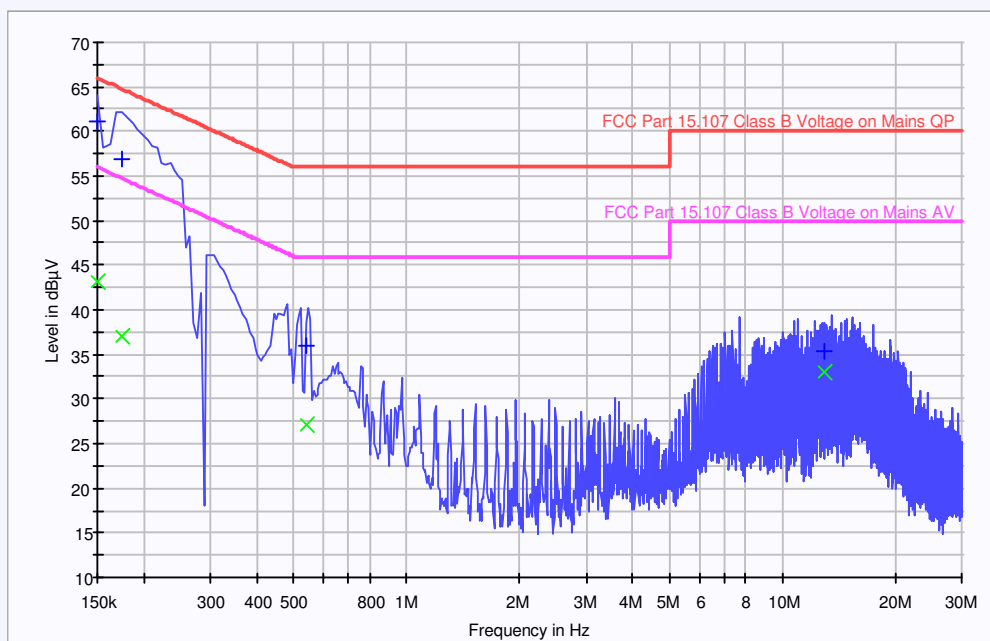
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
0.150000	59.0	42.2
0.228000	50.1	32.0
0.534000	34.6	15.8
13.428000	33.2	28.3

Continuous Disturbance

Test Information

EUT Name: Avantwave BT Car
 Serial Number: BRC10Xi(00111209142-008)
 Test Description: FCC Part 15 Class B
 Operating Conditions: Charging + Transmitting
 Operator Name: Chung
 Comment: 120V 60Hz
 Description: CE N

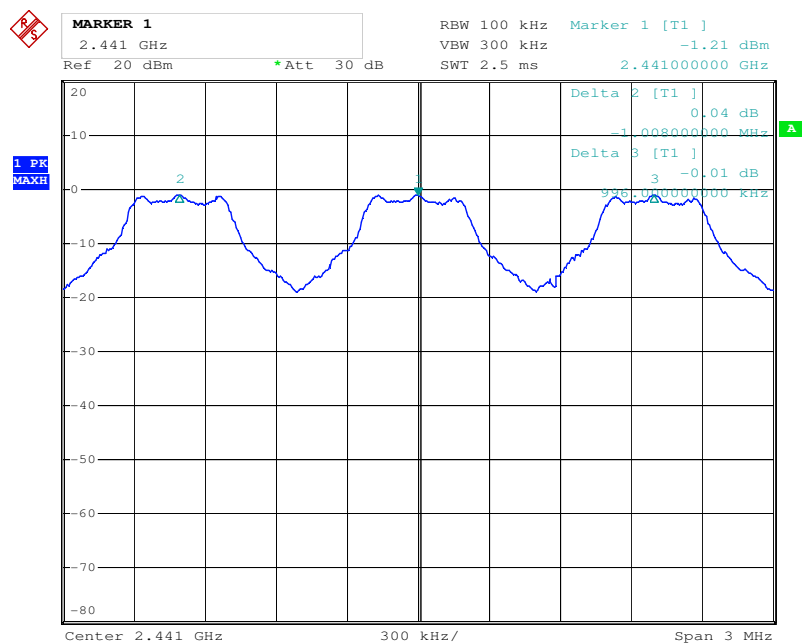
Conducted Emission (FCC-P.15) - Class B



Result Table Single

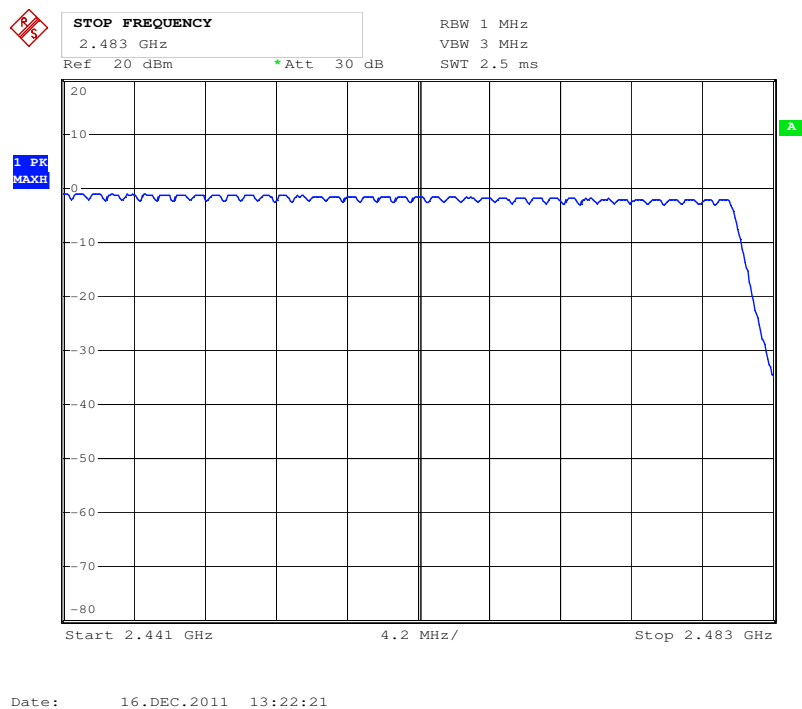
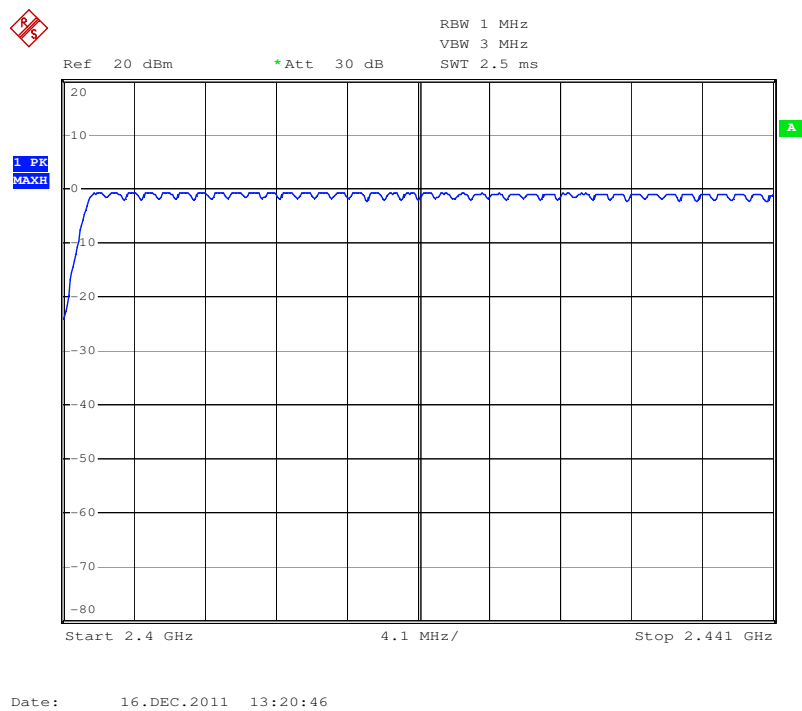
Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)
0.150000	61.2	43.3
0.174000	56.9	37.0
0.542750	35.9	27.1
12.900250	35.3	33.0

Carrier Frequency Separation

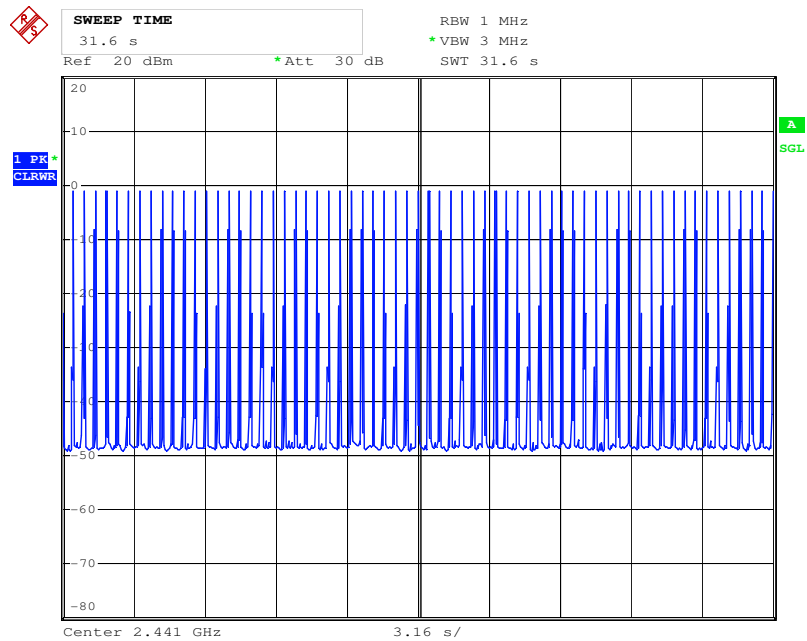


Date: 16.DEC.2011 13:18:37

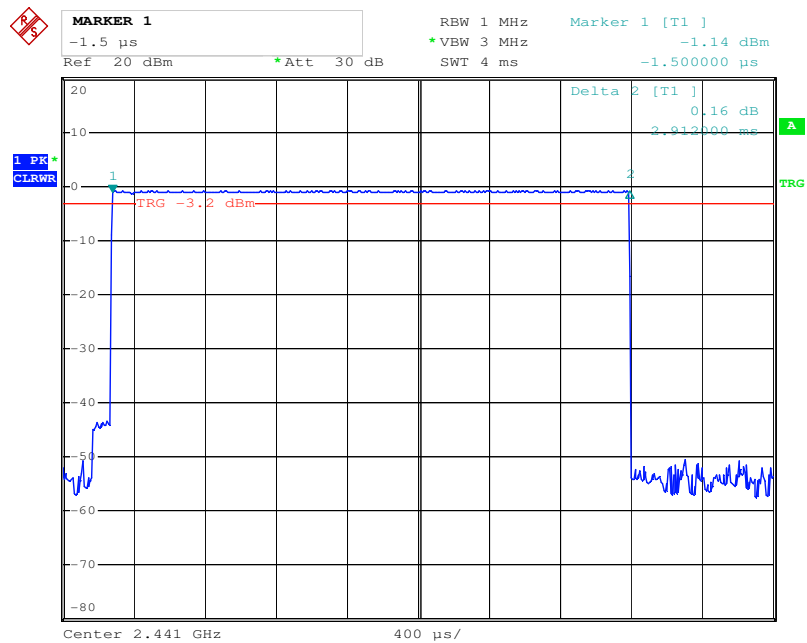
Number of hopping channels



Dwell Time



Date: 16.DEC.2011 13:29:29

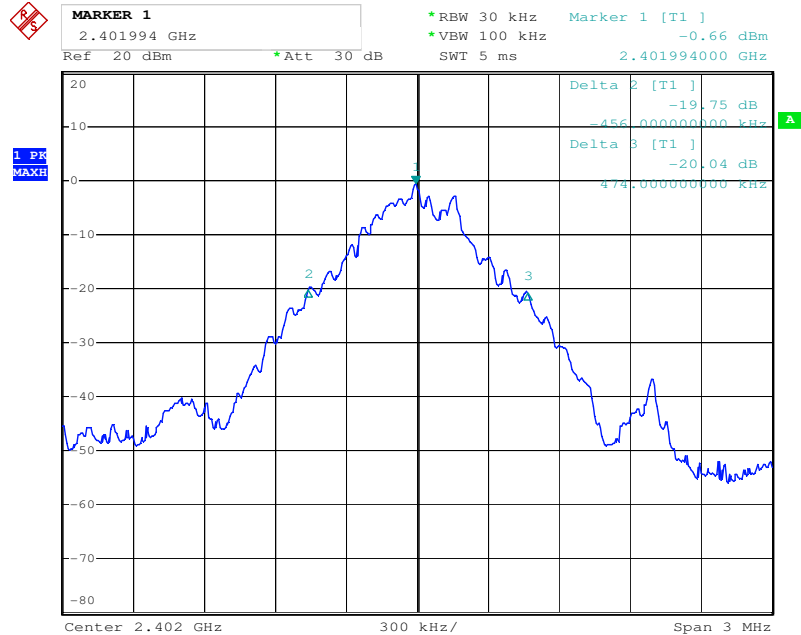


Date: 16.DEC.2011 13:32:30

20dB Bandwidth

Modulation: GFSK

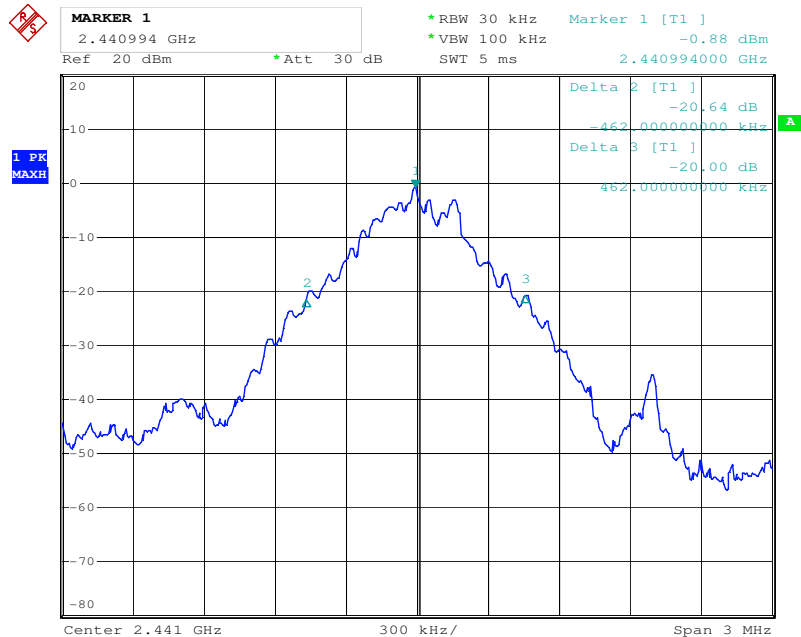
Tx frequency: 2402MHz



Date: 16.DEC.2011 13:35:15

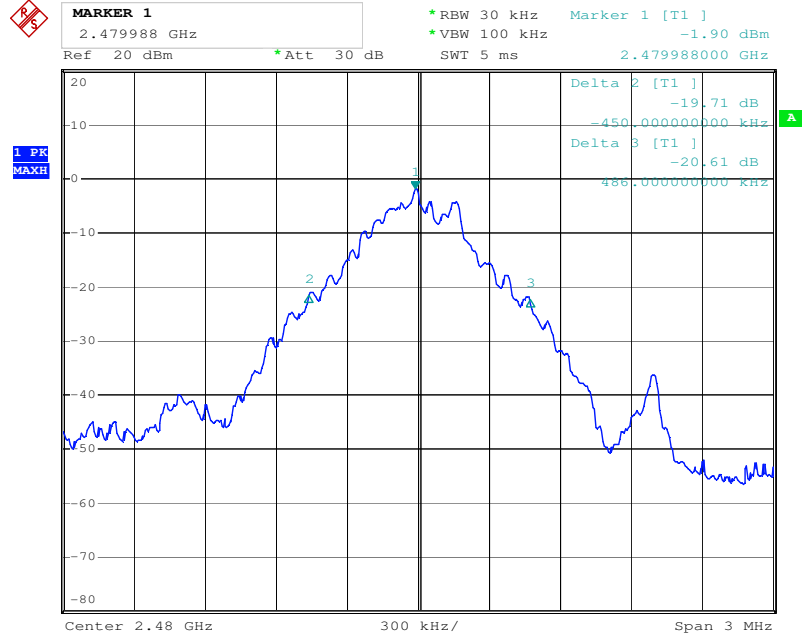
Modulation: GFSK

Tx frequency: 2441MHz



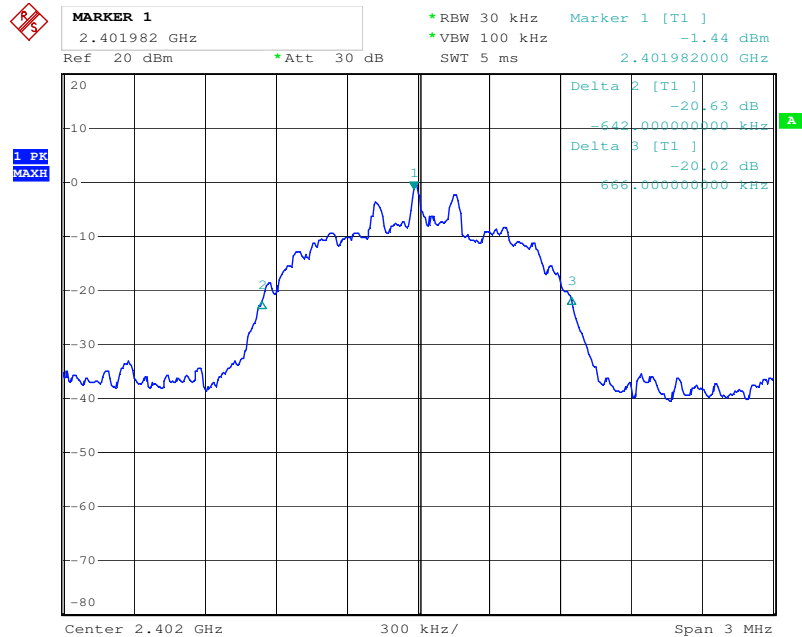
Date: 16.DEC.2011 13:37:29

Modulation: GFSK
Tx frequency: 2480MHz



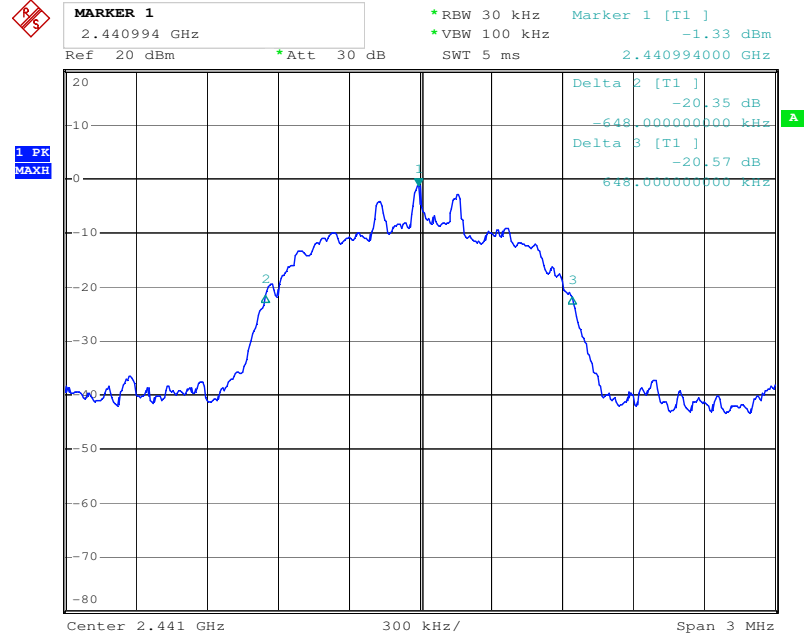
Date: 16.DEC.2011 13:38:55

Modulation: 8DPSK
Tx frequency: 2402MHz



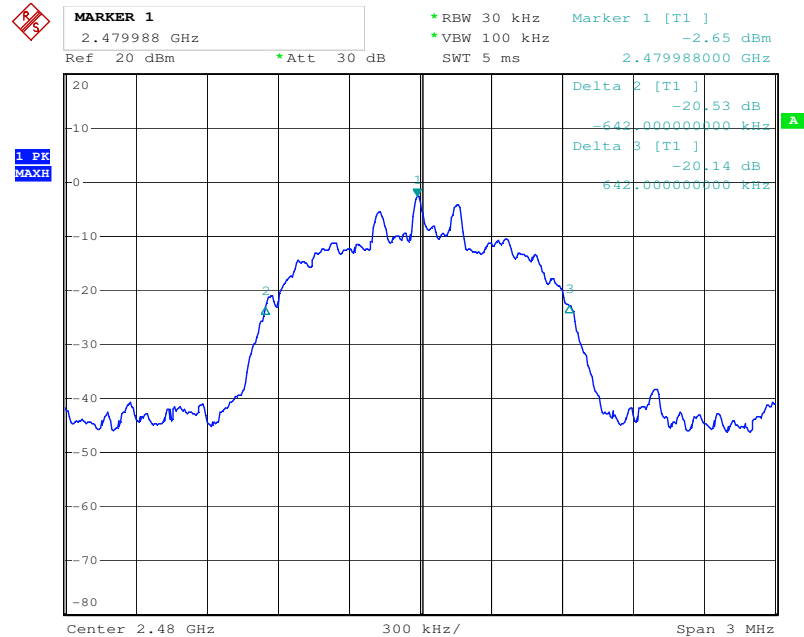
Date: 16.DEC.2011 13:42:57

Modulation: 8DPSK
Tx frequency: 2441MHz



Date: 16.DEC.2011 13:41:40

Modulation: 8DPSK
Tx frequency: 2480MHz

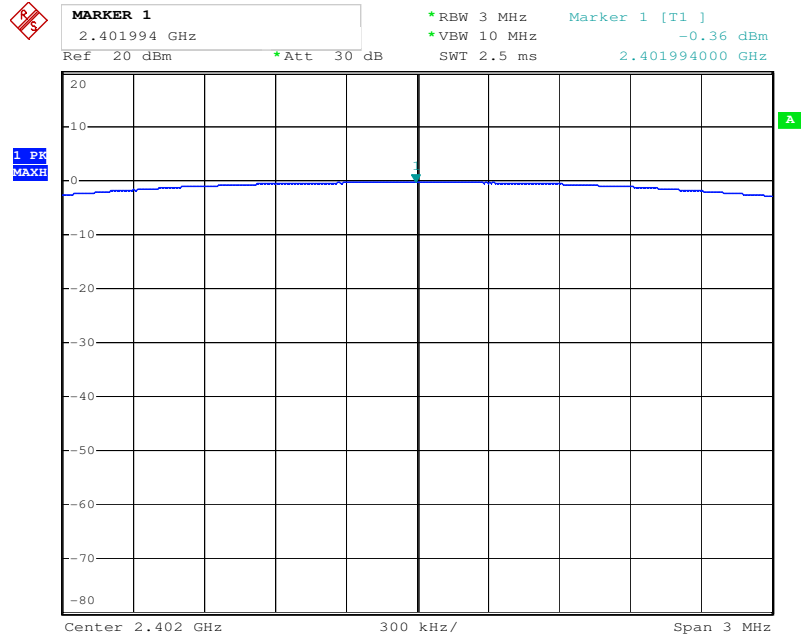


Date: 16.DEC.2011 13:40:29

Peak Output Power

Modulation: GFSK

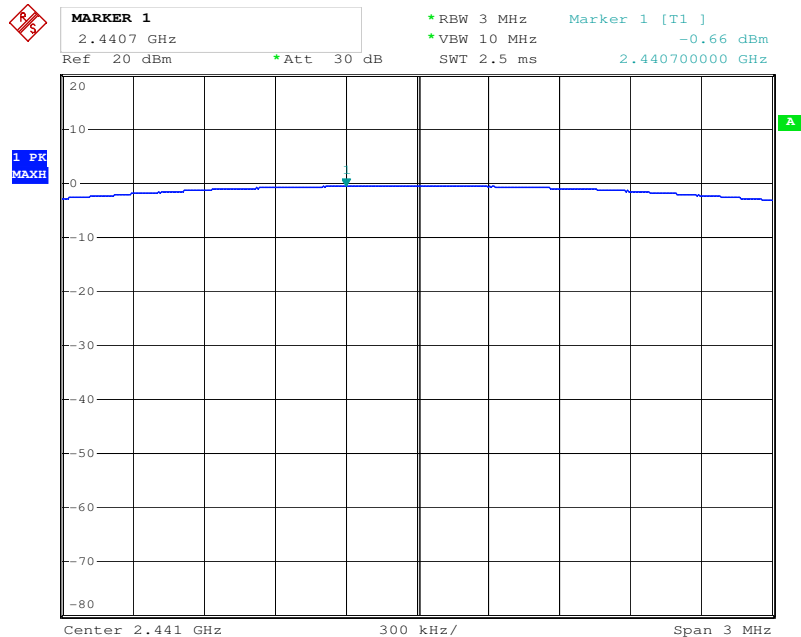
Tx frequency: 2402MHz



Date: 16.DEC.2011 13:54:25

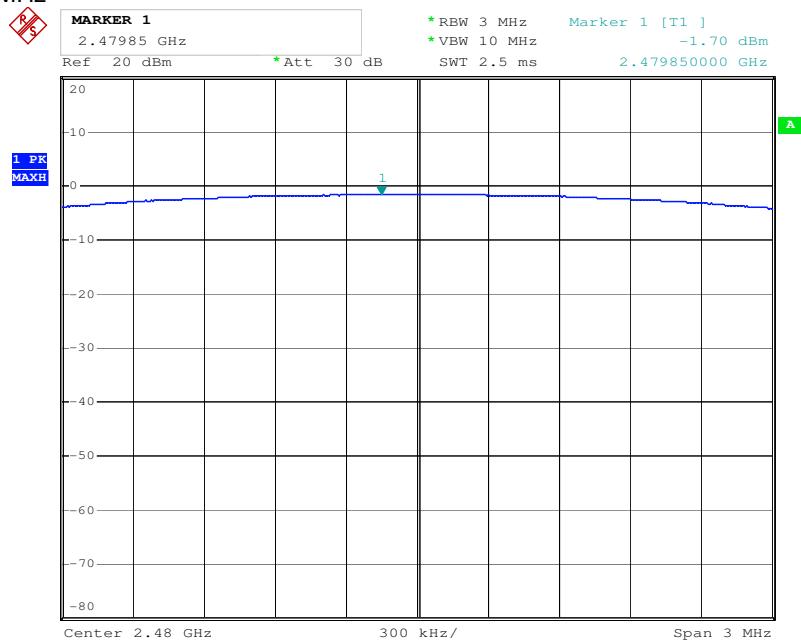
Modulation: GFSK

Tx frequency: 2441MHz



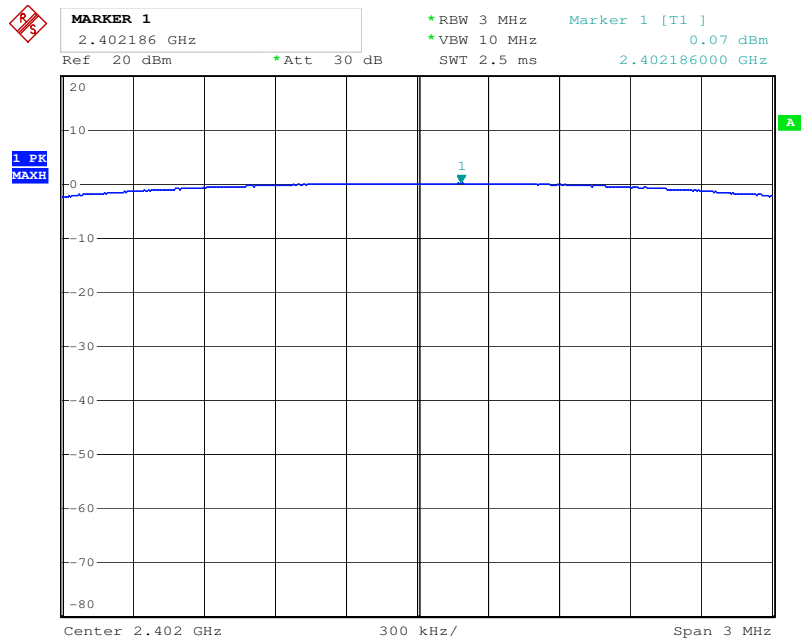
Date: 16.DEC.2011 13:55:06

Modulation: GFSK
Tx frequency: 2480MHz



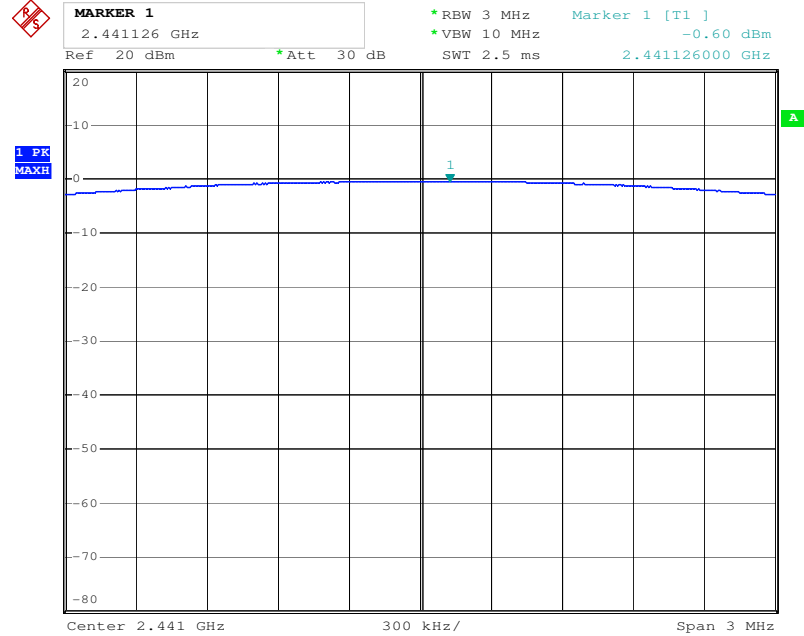
Date: 16.DEC.2011 13:55:53

Modulation: Pi/4 DQPSK
Tx frequency: 2402MHz



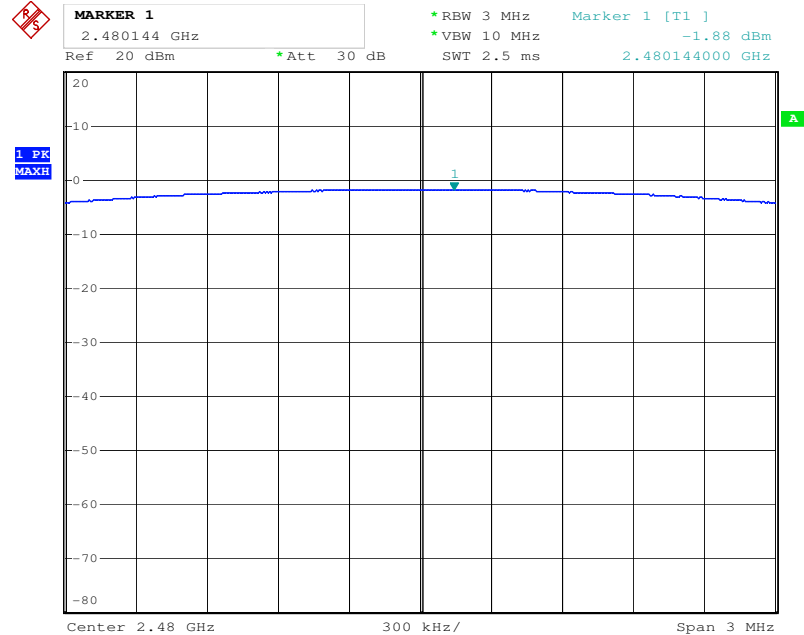
Date: 16.DEC.2011 13:53:06

Modulation: Pi/4 DQPSK
Tx frequency: 2441MHz



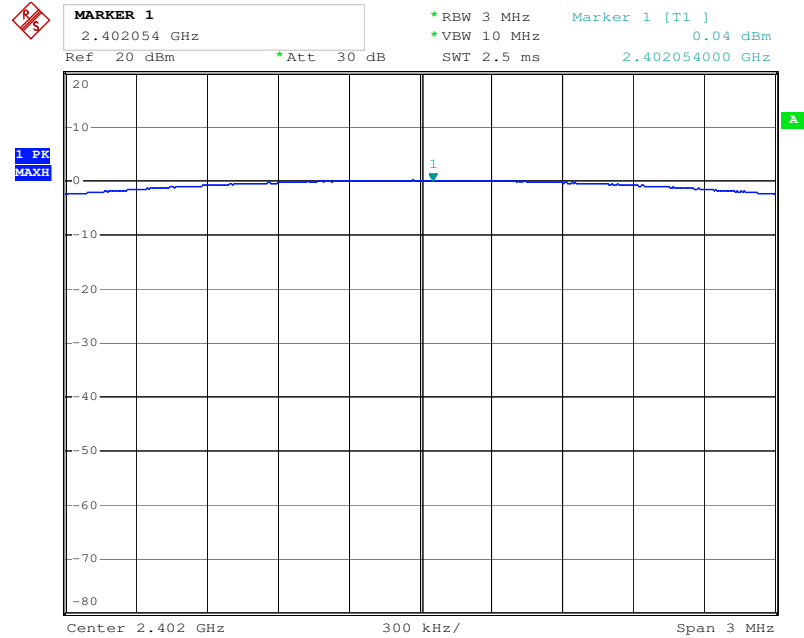
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Modulation: Pi/4 DQPSK
Tx frequency: 2480MHz



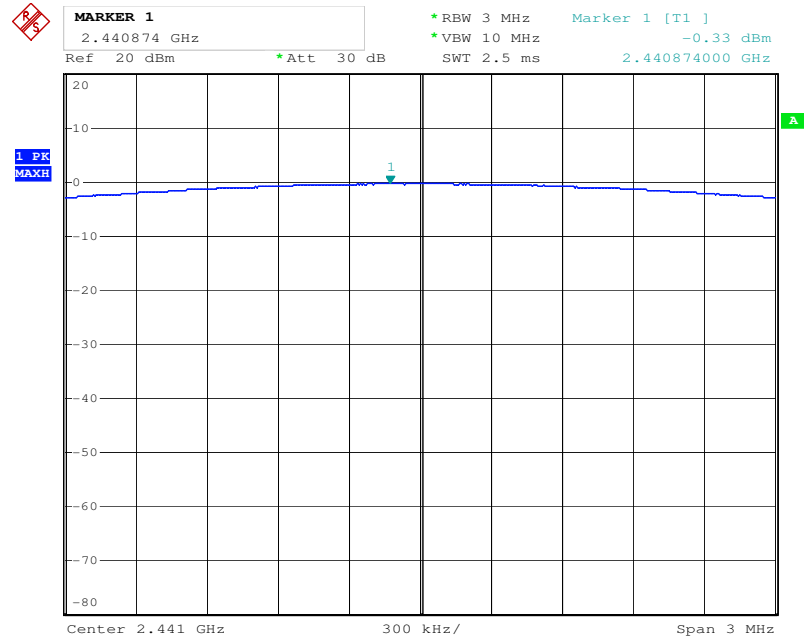
Date: 16.DEC.2011 13:51:14

Modulation: 8DPSK
Tx frequency: 2402MHz



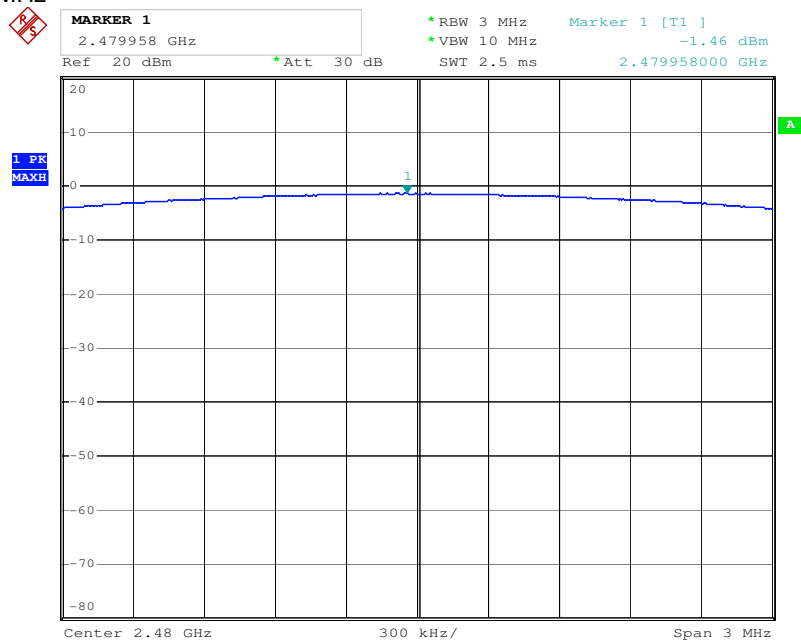
Date: 16.DEC.2011 13:44:45

Modulation: 8DPSK
Tx frequency: 2441MHz



Date: 16.DEC.2011 13:47:21

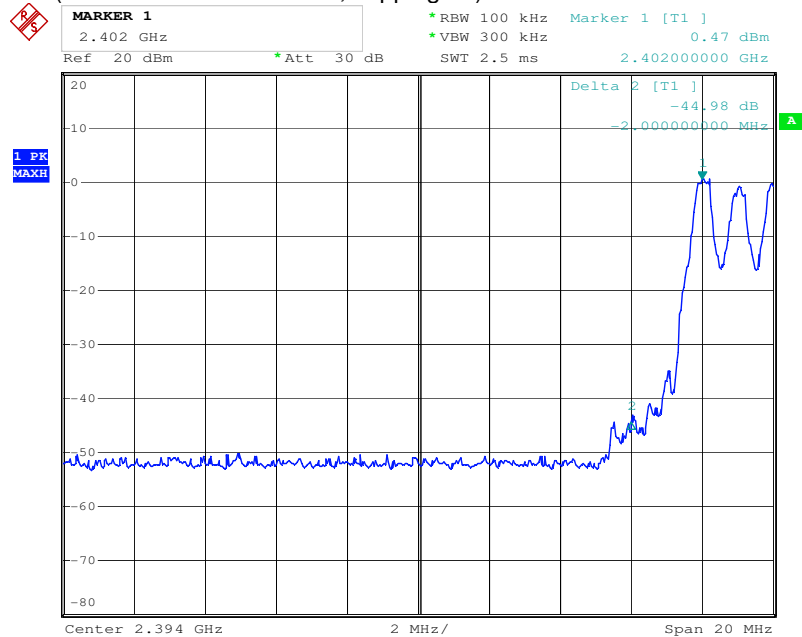
Modulation: 8DPSK
Tx frequency: 2480MHz



Date: 16.DEC.2011 13:48:07

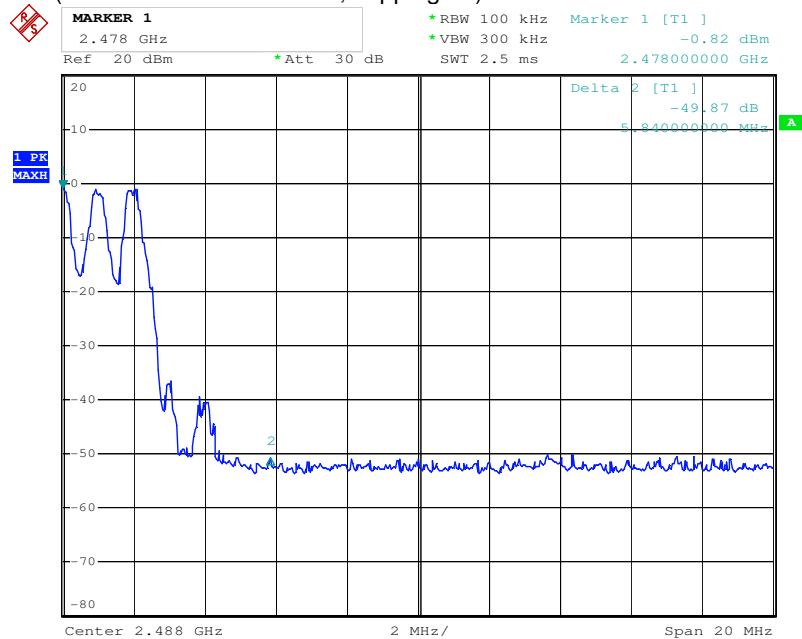
Band Edge Compliance

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



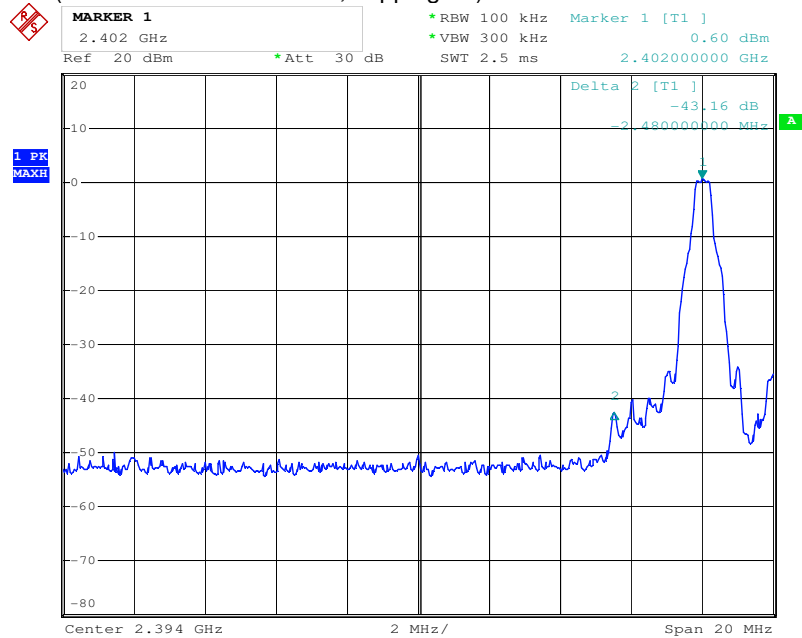
Date: 16.DEC.2011 13:59:29

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

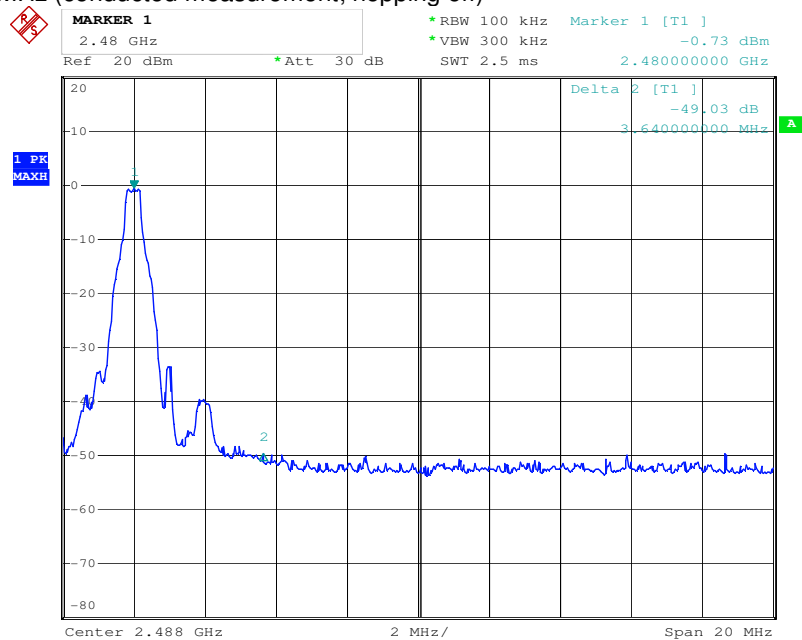


Date: 16.DEC.2011 14:03:36

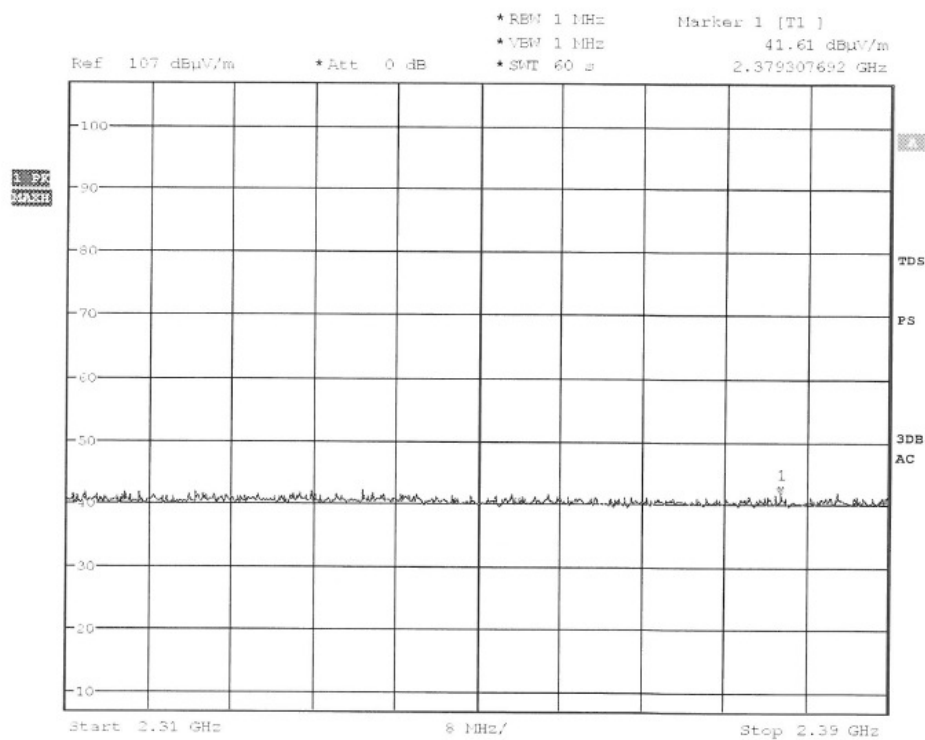
Tx frequency: 2402MHz (conducted measurement; hopping off)



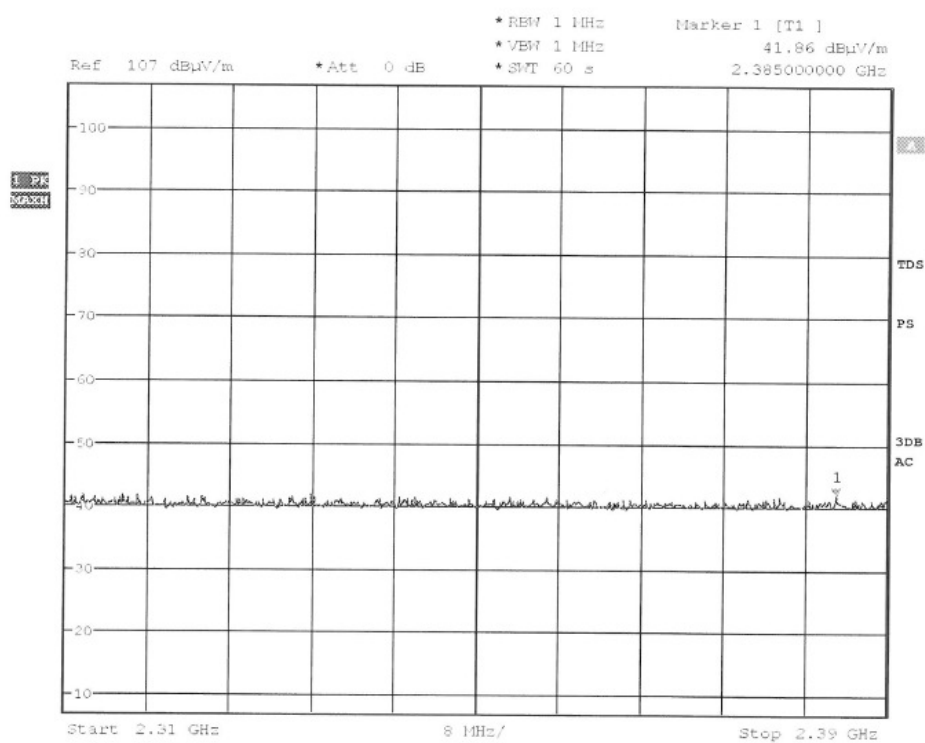
Tx frequency: 2480MHz (conducted measurement; hopping off)



Tx frequency: 2402MHz (radiated measurement)

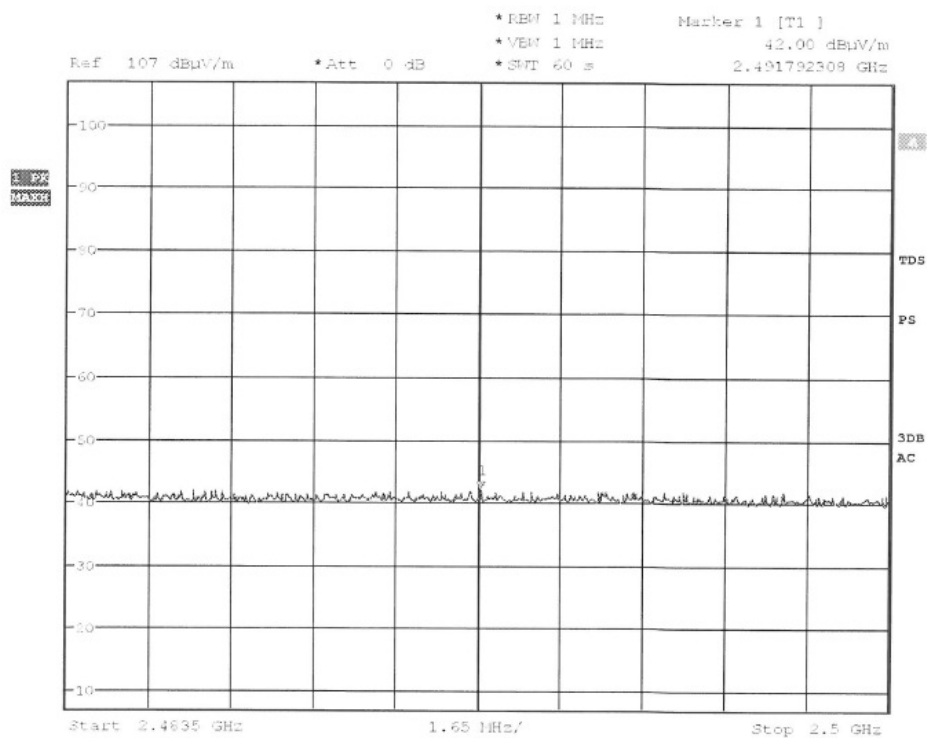


AVANTWAVE/ BT CAR/ BRC10Xi/ 00111209142-008/ 2402MHz/ VERT
Date: 19.DEC.2011 16:47:37



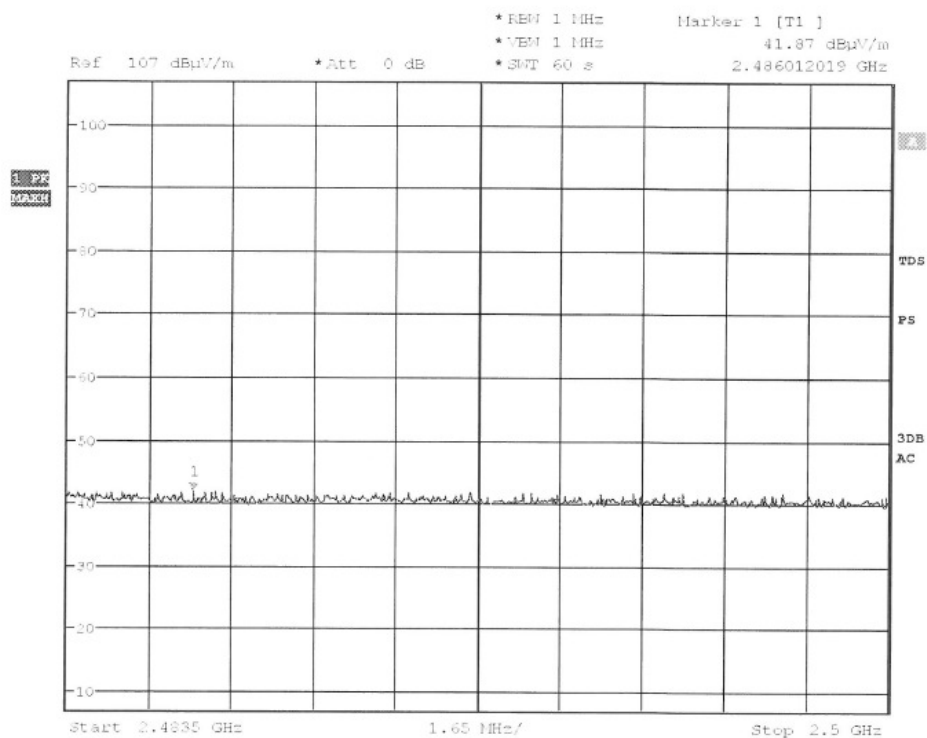
AVANTWAVE/ BT CAR/ BRC10Xi/ 00111209142-008/ 2402MHz/ HORI
Date: 19.DEC.2011 16:47:17

Tx frequency: 2480MHz (radiated measurement)



AVANTWAVE/ BT CAR/ BRC10Xi/ 00111209142-008/ 2480MHz/ VERT.

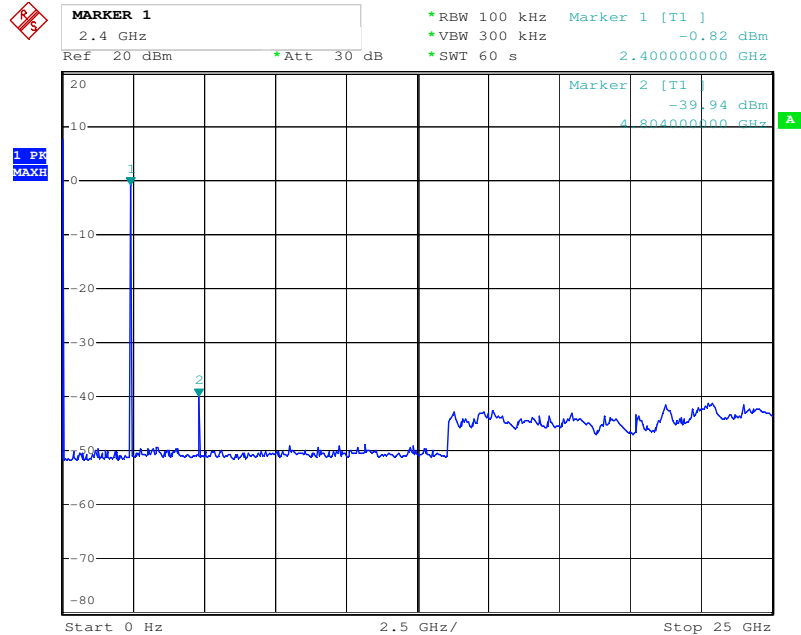
Date: 19.DEC.2011 17:21:28



AVANTWAVE/ BT CAR/ BRC10Xi/ 00111209142-008/ 2480MHz/ HORI.
Date: 19.DEC.2011 17:21:09

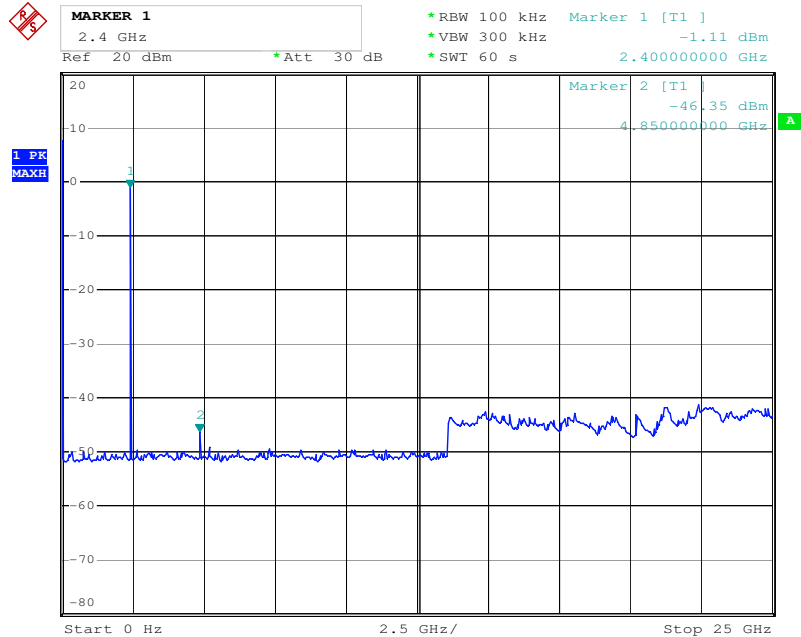
Spurious Emissions - Conducted

Tx frequency: 2402MHz



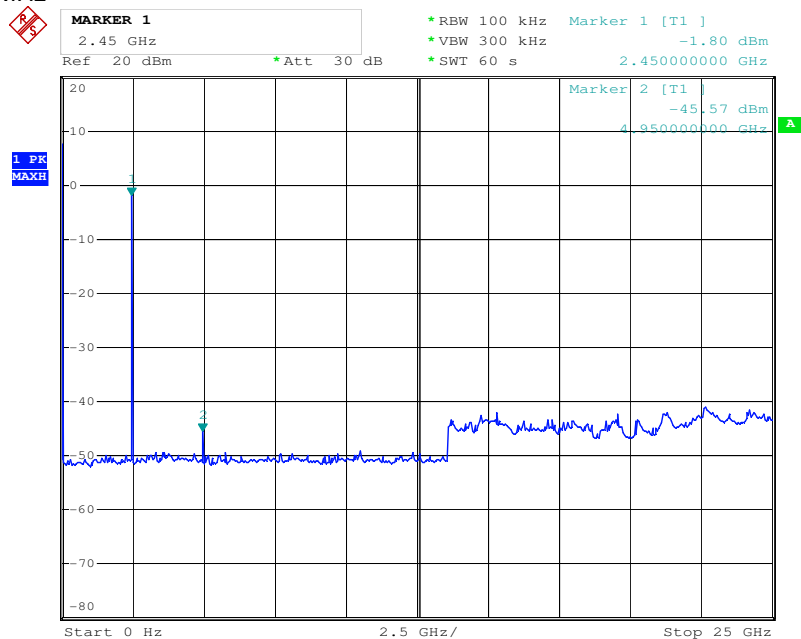
Date: 16.DEC.2011 14:13:29

Tx frequency: 2441MHz



Date: 16.DEC.2011 14:09:42

Tx frequency: 2480MHz



Date: 16.DEC.2011 14:07:04