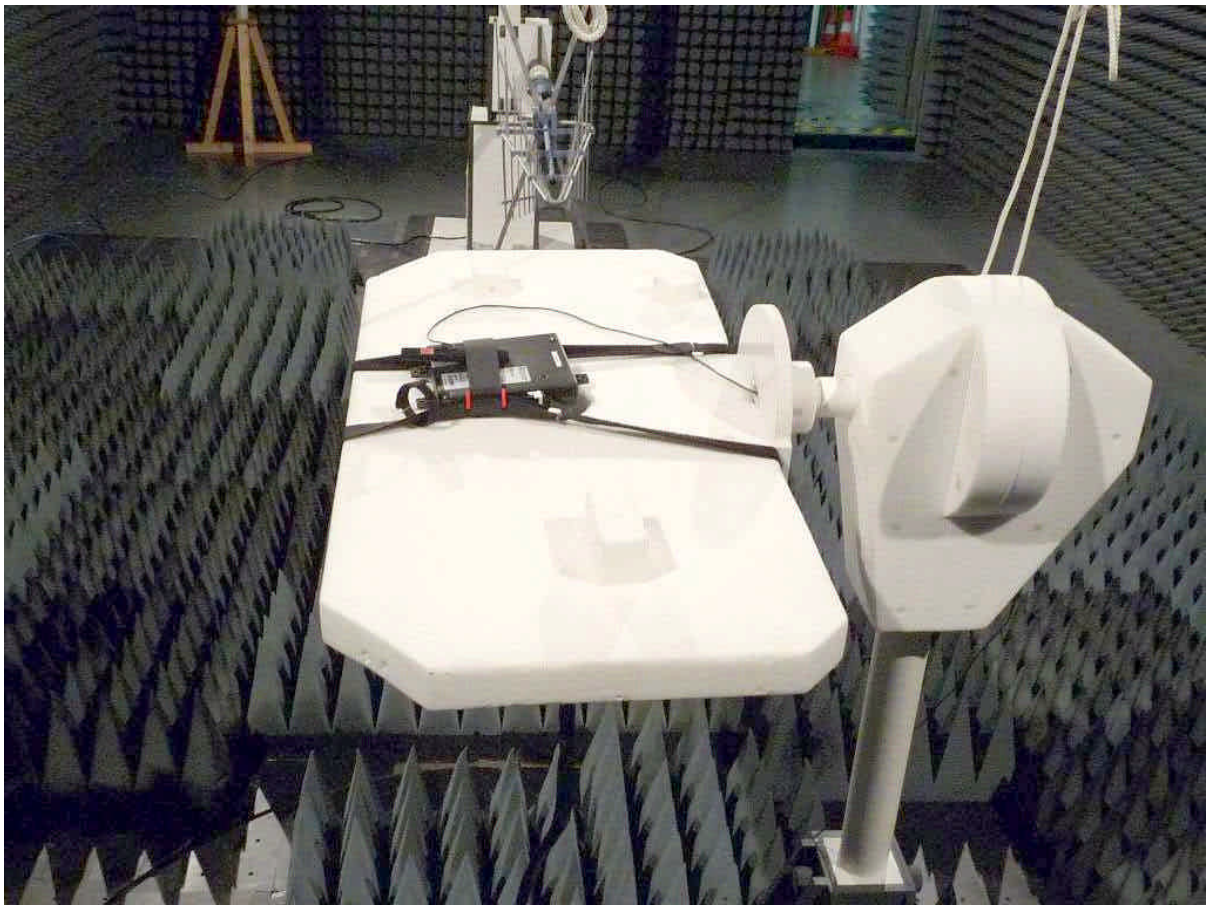
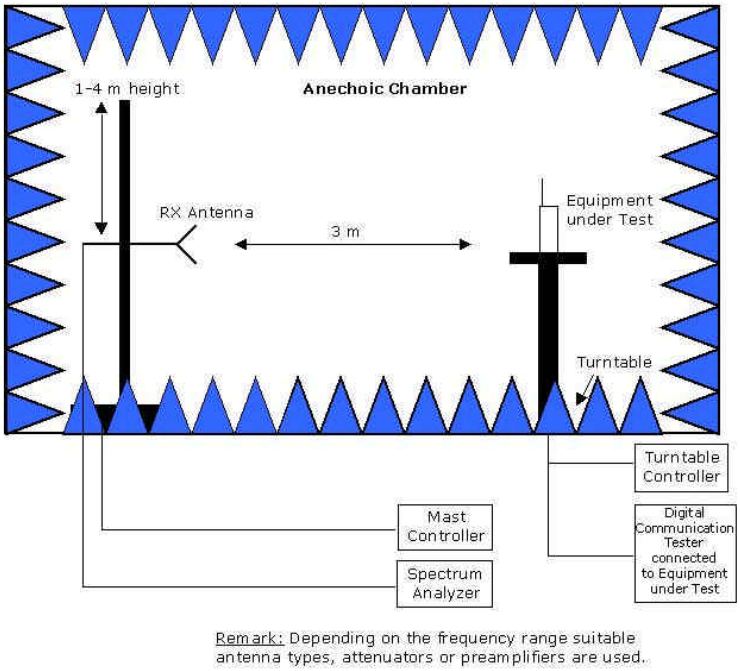


Photo 4: Test setup for radiated measurements (Enclosure, above 1 GHz)

6 Setup Drawings



Drawing 1: Setup in the Anechoic chamber:
Measurements below 1 GHz: Semi-anechoic, conducting ground plane.
Measurements above 1 GHz: Fully-anechoic, absorbers on all surfaces

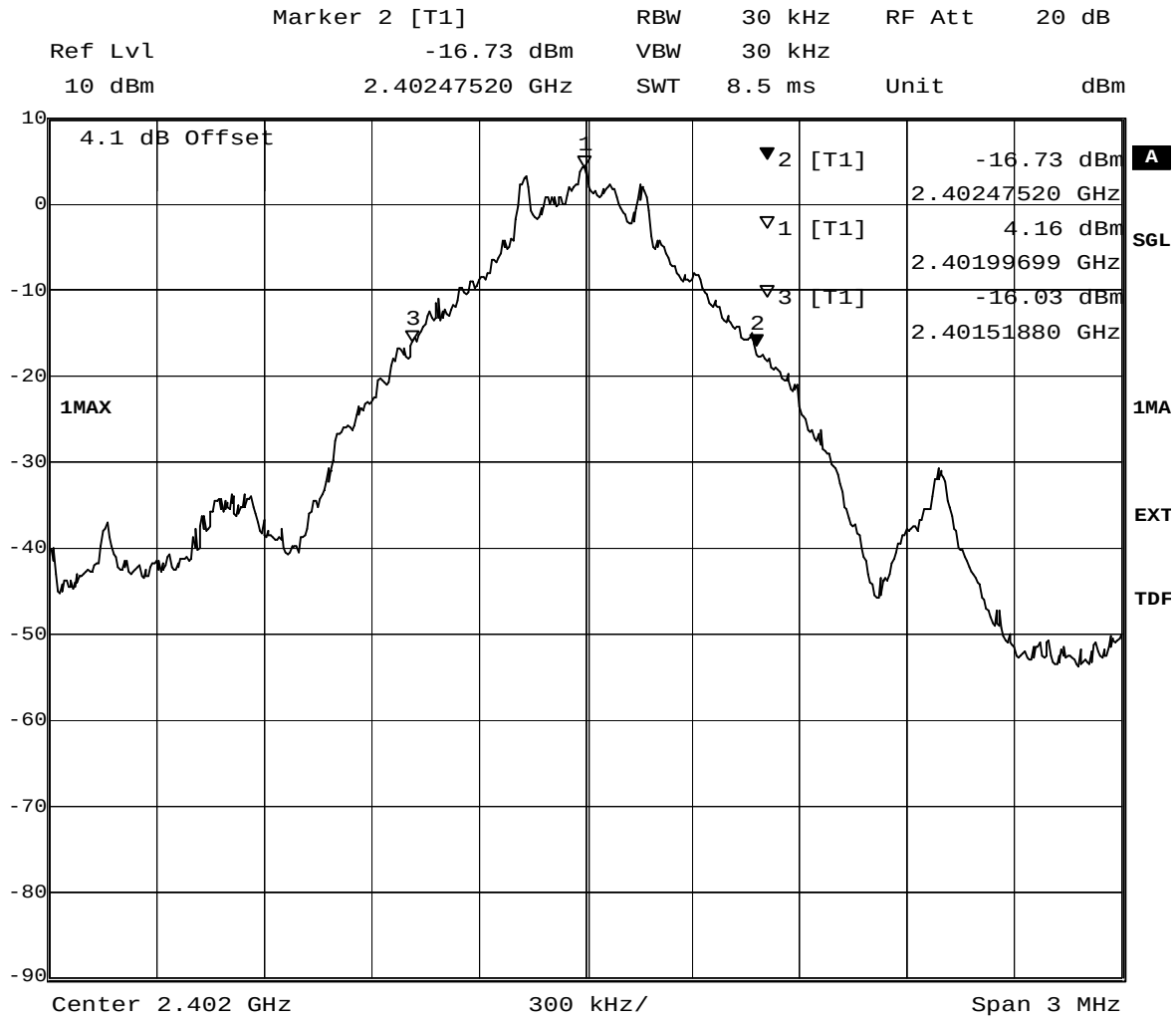
7 Annex measurement plots

7.1 Occupied bandwidth

7.1.1 Occupied bandwidth operating mode 1

Op. Mode

op-mode 1

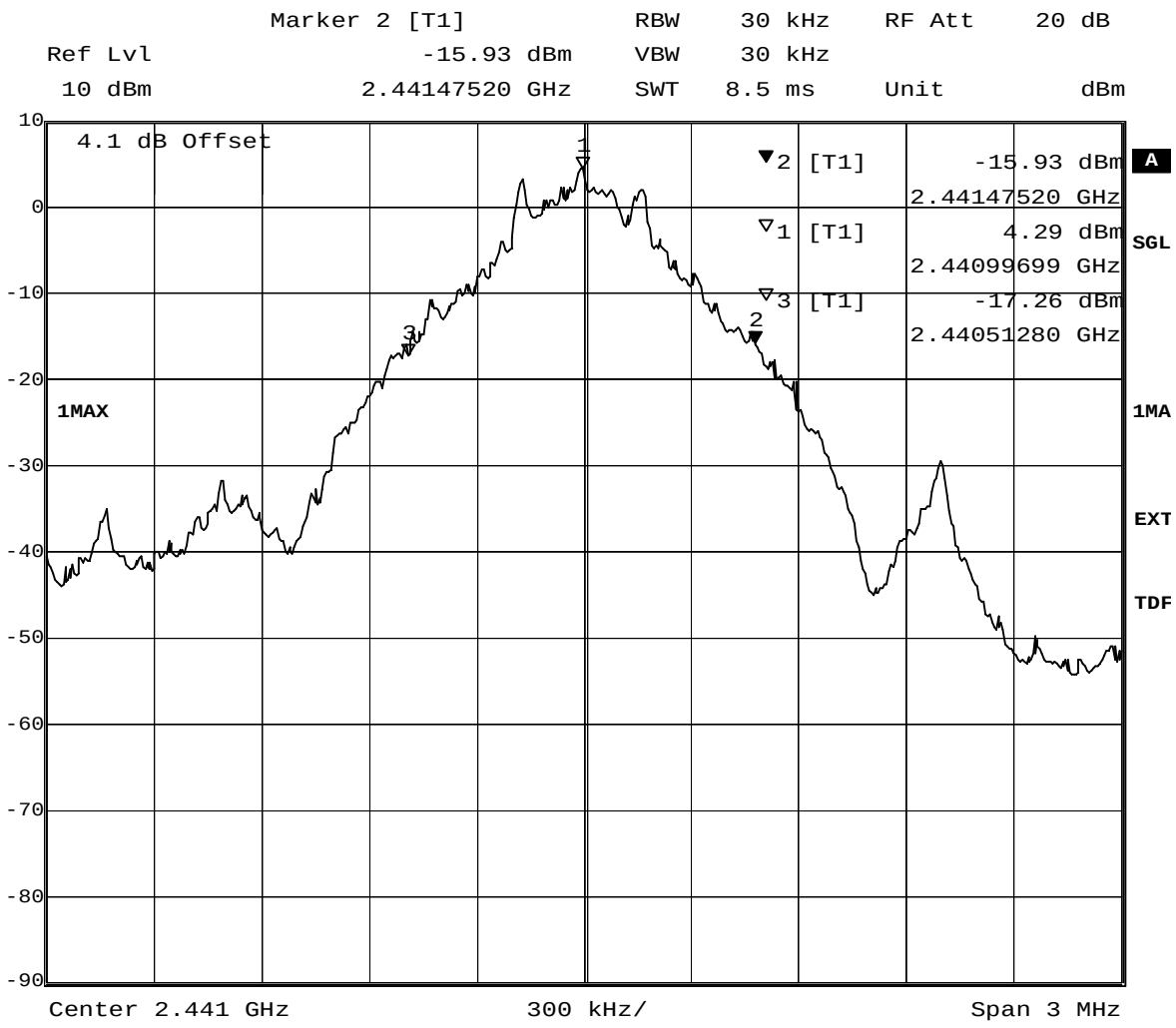


Title: 20dB Bandwidth
Comment A: CH B: 2402 MHz; 20dB bandwidth (kHz):956.4
Date: 23.NOV.2009 14:50:28

7.1.2 Occupied bandwidth operating mode 2

Op. Mode

op-mode 2

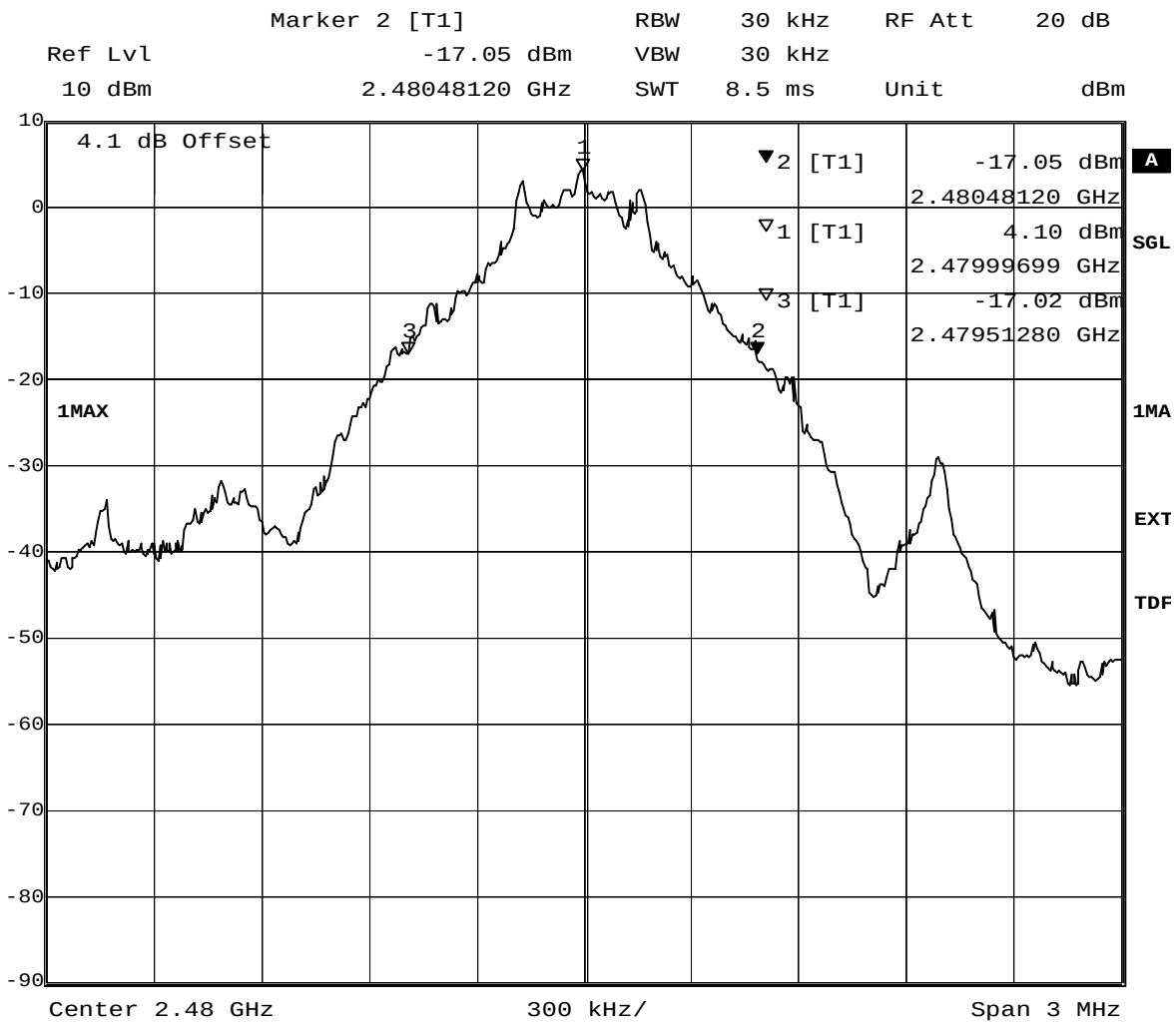


Title: 20dB Bandwidth
Comment A: CH M: 2441 MHz; 20dB bandwidth (kHz):962.4
Date: 23.NOV.2009 14:54:45

7.1.3 Occupied bandwidth operating mode 3

Op. Mode

op-mode 3

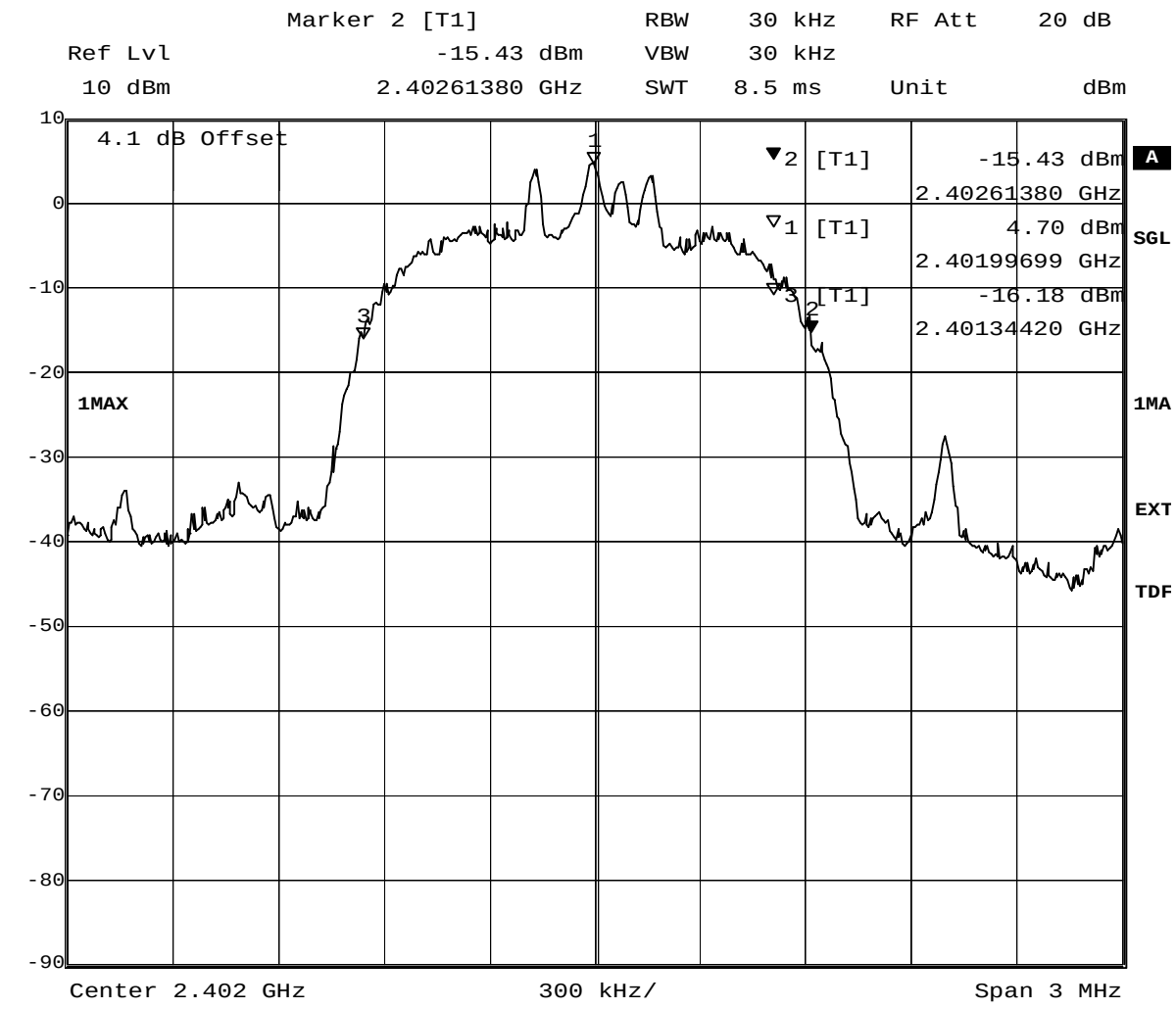


Title: 20dB Bandwidth
Comment A: CH T: 2480 MHz; 20dB bandwidth (kHz):968.4
Date: 23.NOV.2009 14:58:49

7.1.4 Occupied bandwidth operating mode 6

Op. Mode

op-mode 6

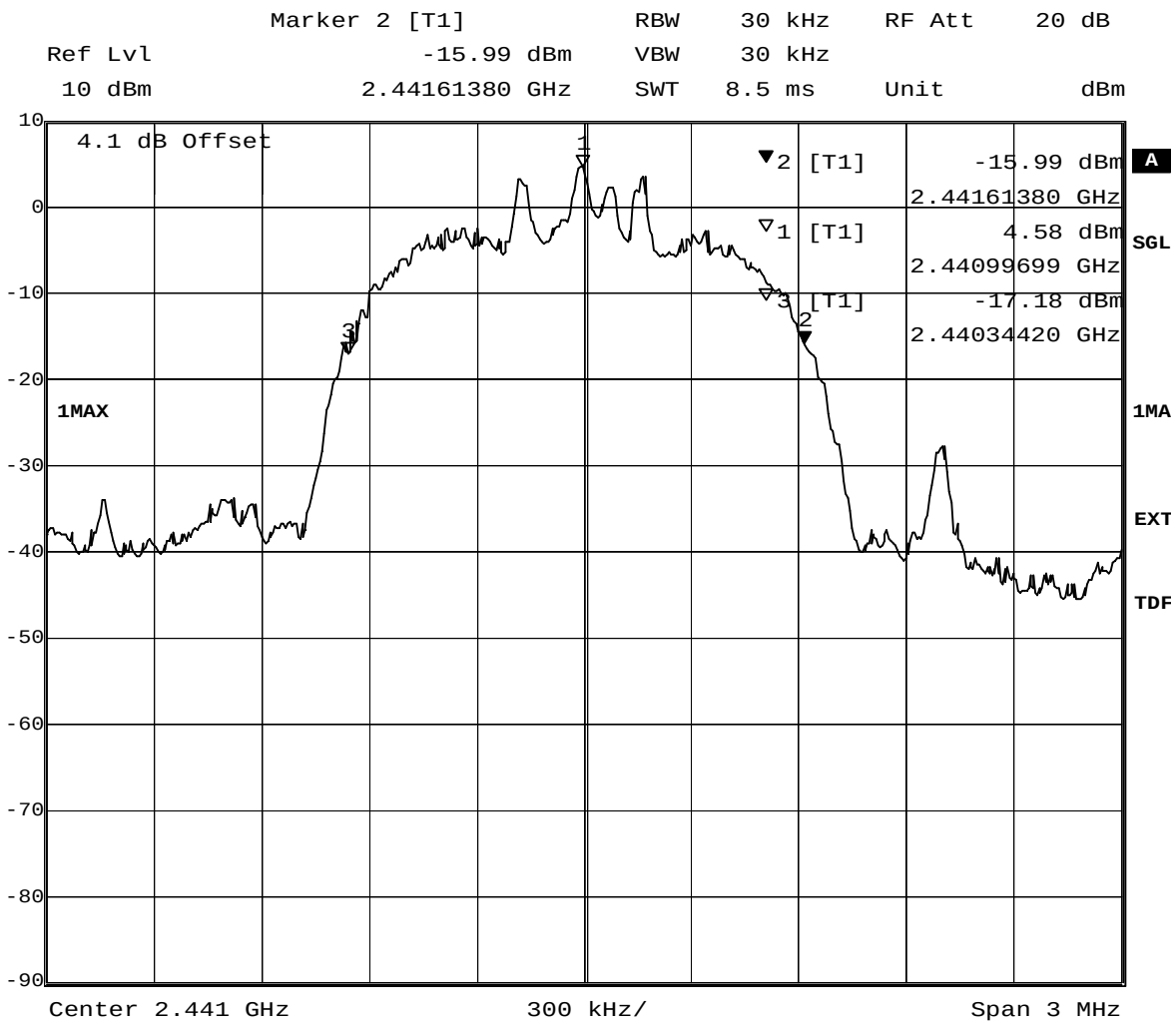


Title: 20dB Bandwidth
Comment A: CH B: 2402 MHz; 20dB bandwidth (kHz):1269.6
Date: 23.NOV.2009 15:15:37

7.1.5 Occupied bandwidth operating mode 7

Op. Mode

op-mode 7

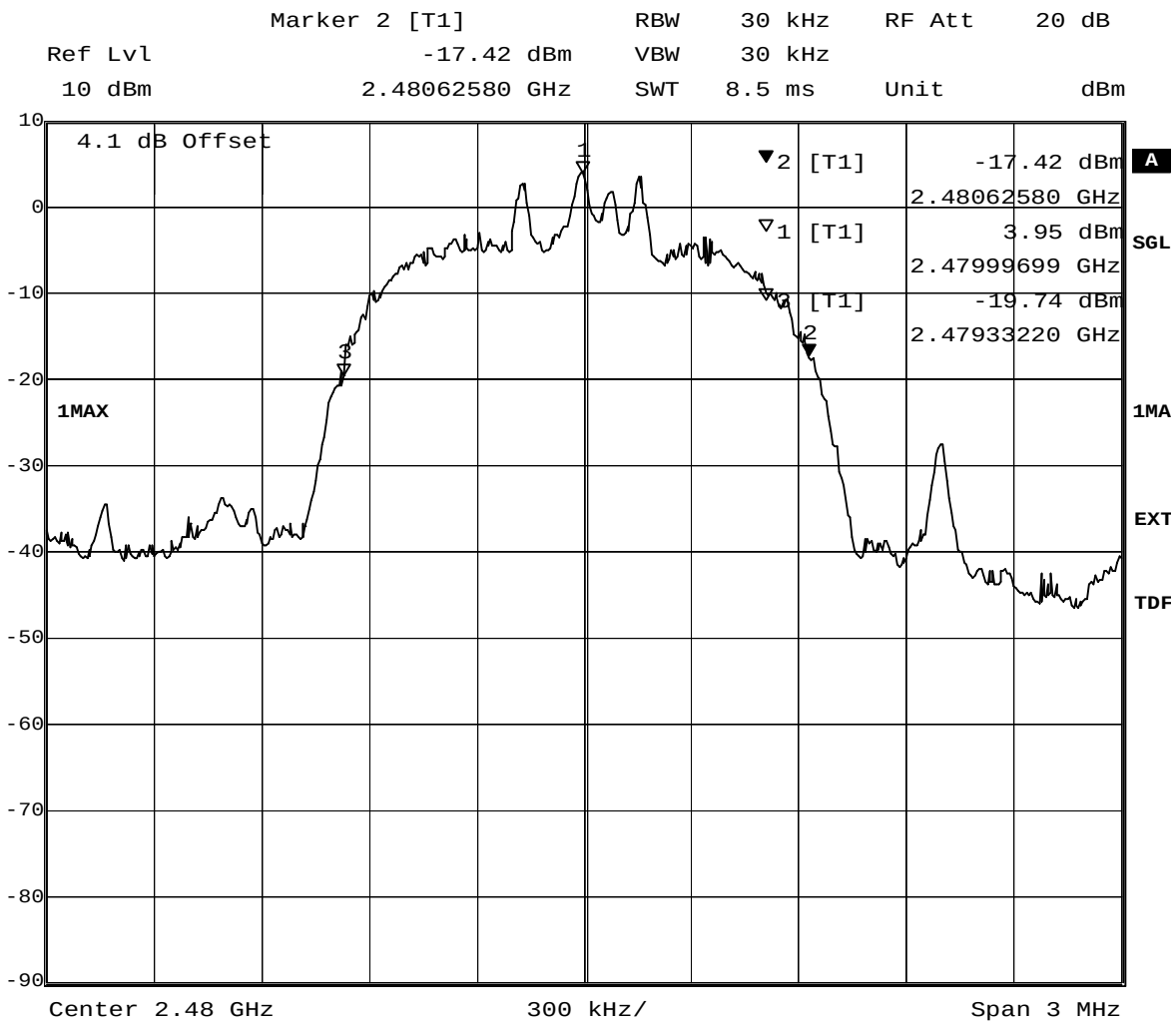


Title: 20dB Bandwidth
Comment A: CH M: 2441 MHz; 20dB bandwidth (kHz):1269.6
Date: 23.NOV.2009 15:20:14

7.1.6 Occupied bandwidth operating mode 8

Op. Mode

op-mode 8

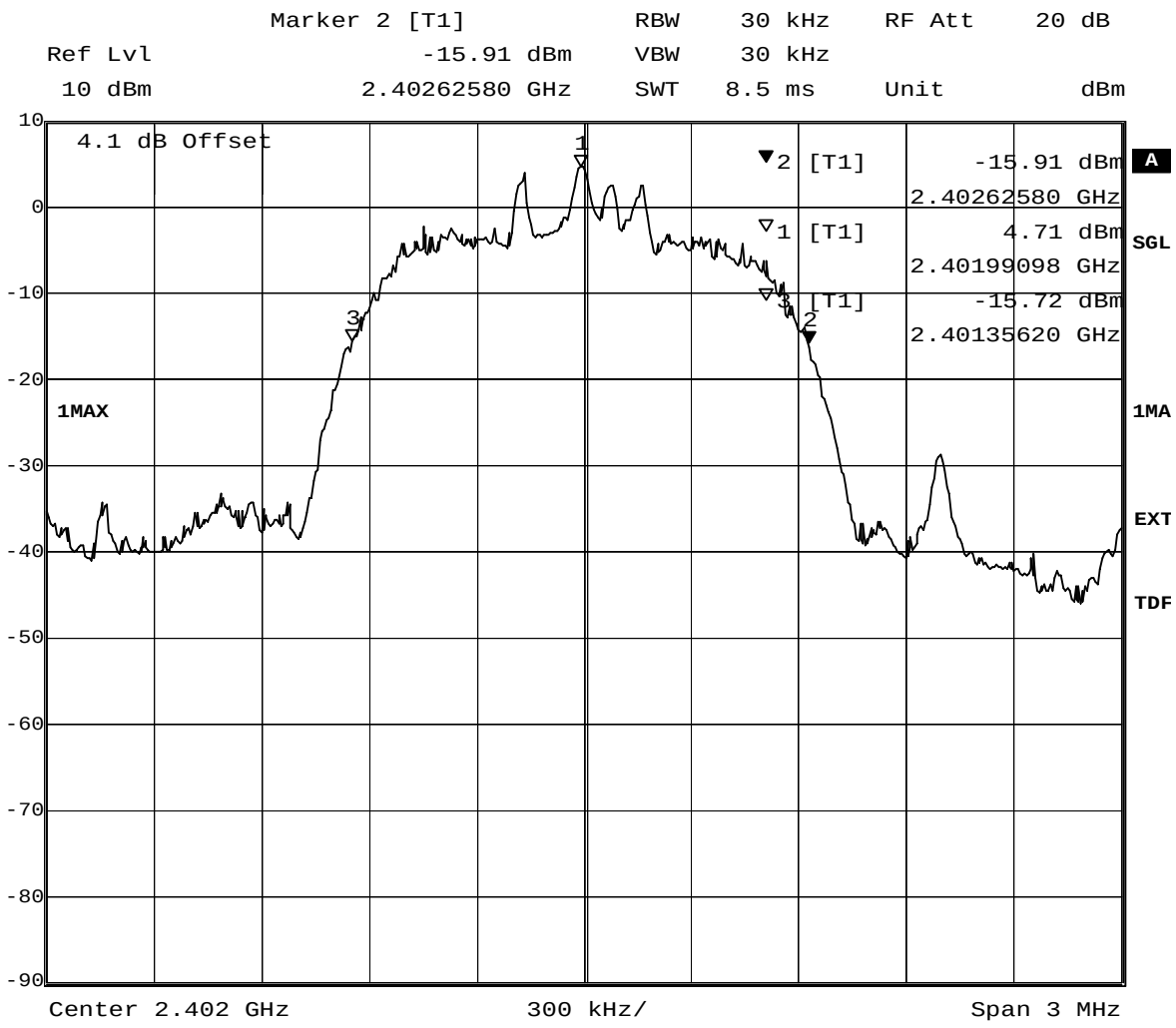


Title: 20dB Bandwidth
Comment A: CH T: 2480 MHz; 20dB bandwidth (kHz):1293.6
Date: 23.NOV.2009 15:24:10

7.1.7 Occupied bandwidth operating mode 10

Op. Mode

op-mode 10

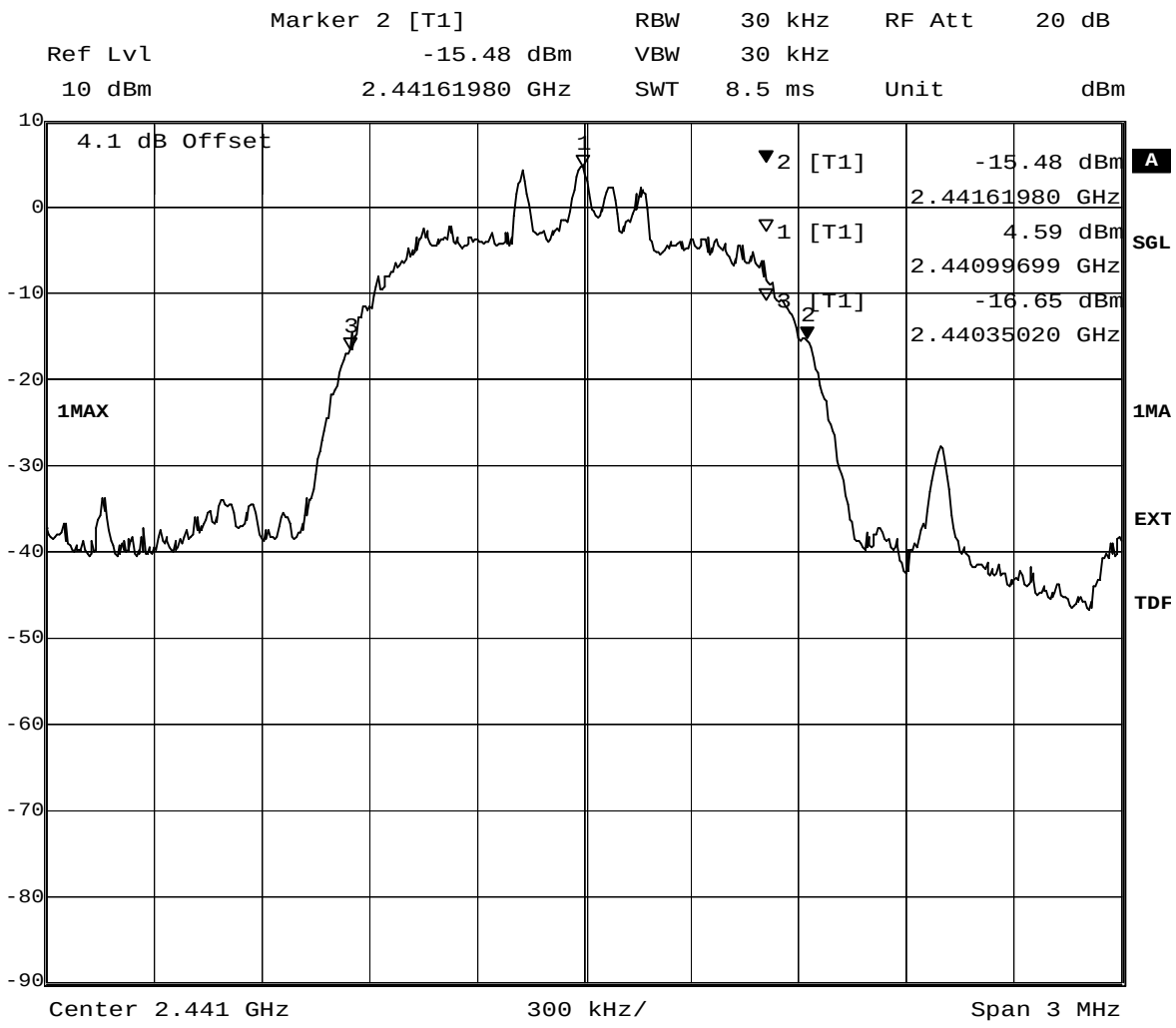


Title: 20dB Bandwidth
Comment A: CH B: 2402 MHz; 20dB bandwidth (kHz):1269.6
Date: 23.NOV.2009 15:12:01

7.1.8 Occupied bandwidth operating mode 11

Op. Mode

op-mode 11

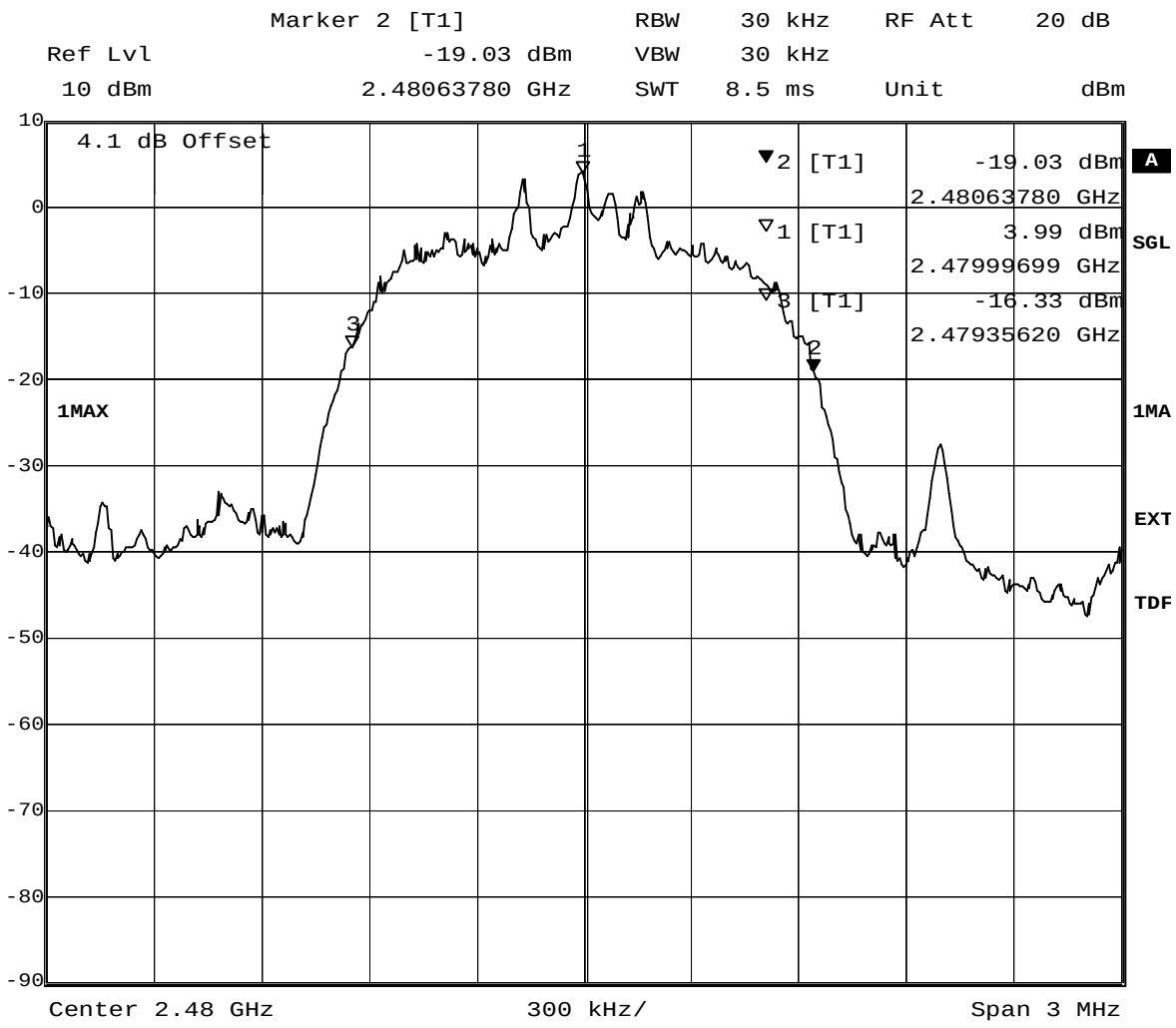


Title: 20dB Bandwidth
Comment A: CH M: 2441 MHz; 20dB bandwidth (kHz):1269.6
Date: 23.NOV.2009 15:07:56

7.1.9 Occupied bandwidth operating mode 12

Op. Mode

op-mode 12



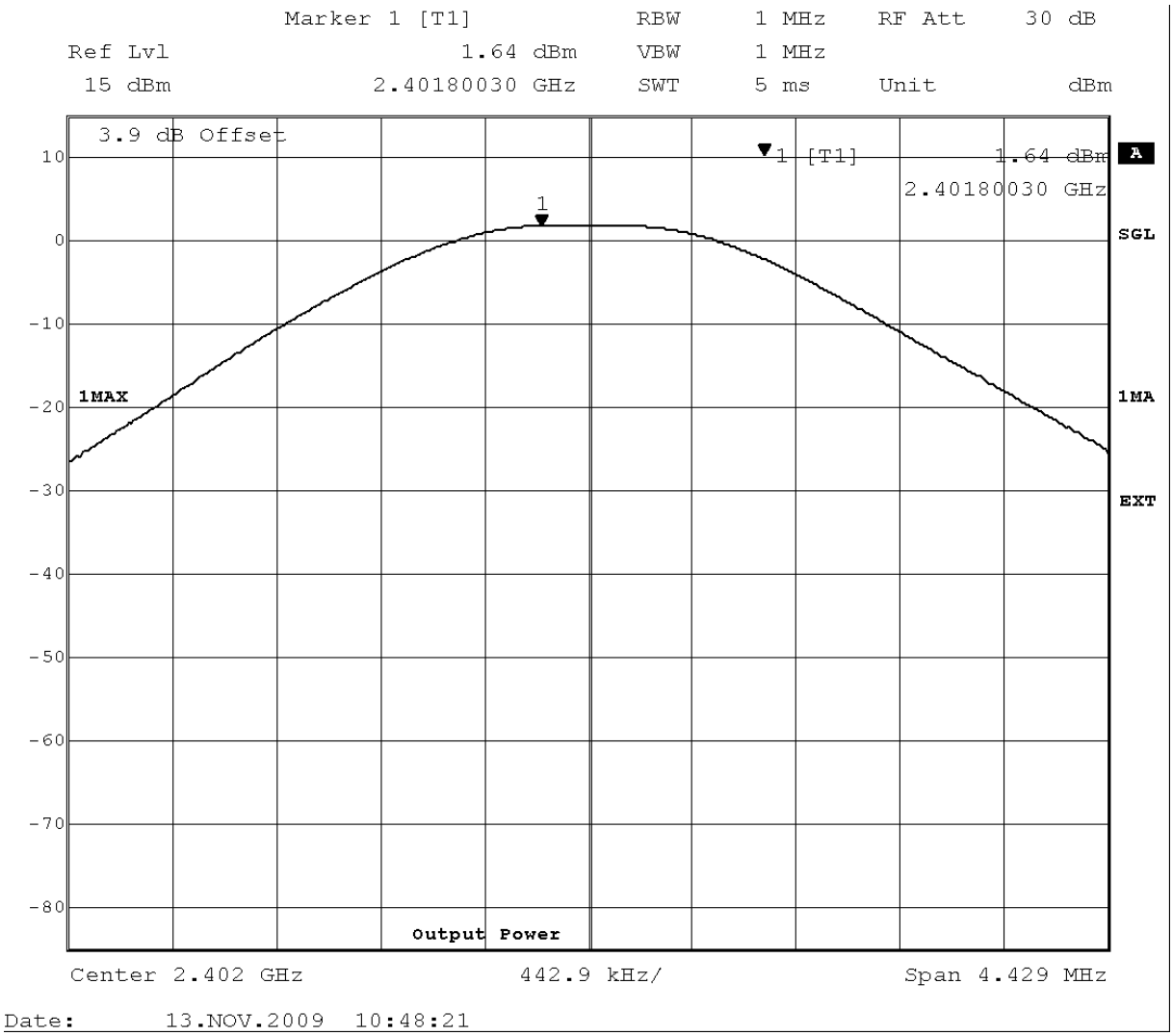
Title: 20dB Bandwidth
Comment A: CH T: 2480 MHz; 20dB bandwidth (kHz):1281.6
Date: 23.NOV.2009 15:03:12

7.2 Peak power output

7.2.1 Peak power output operating mode 1

Op. Mode

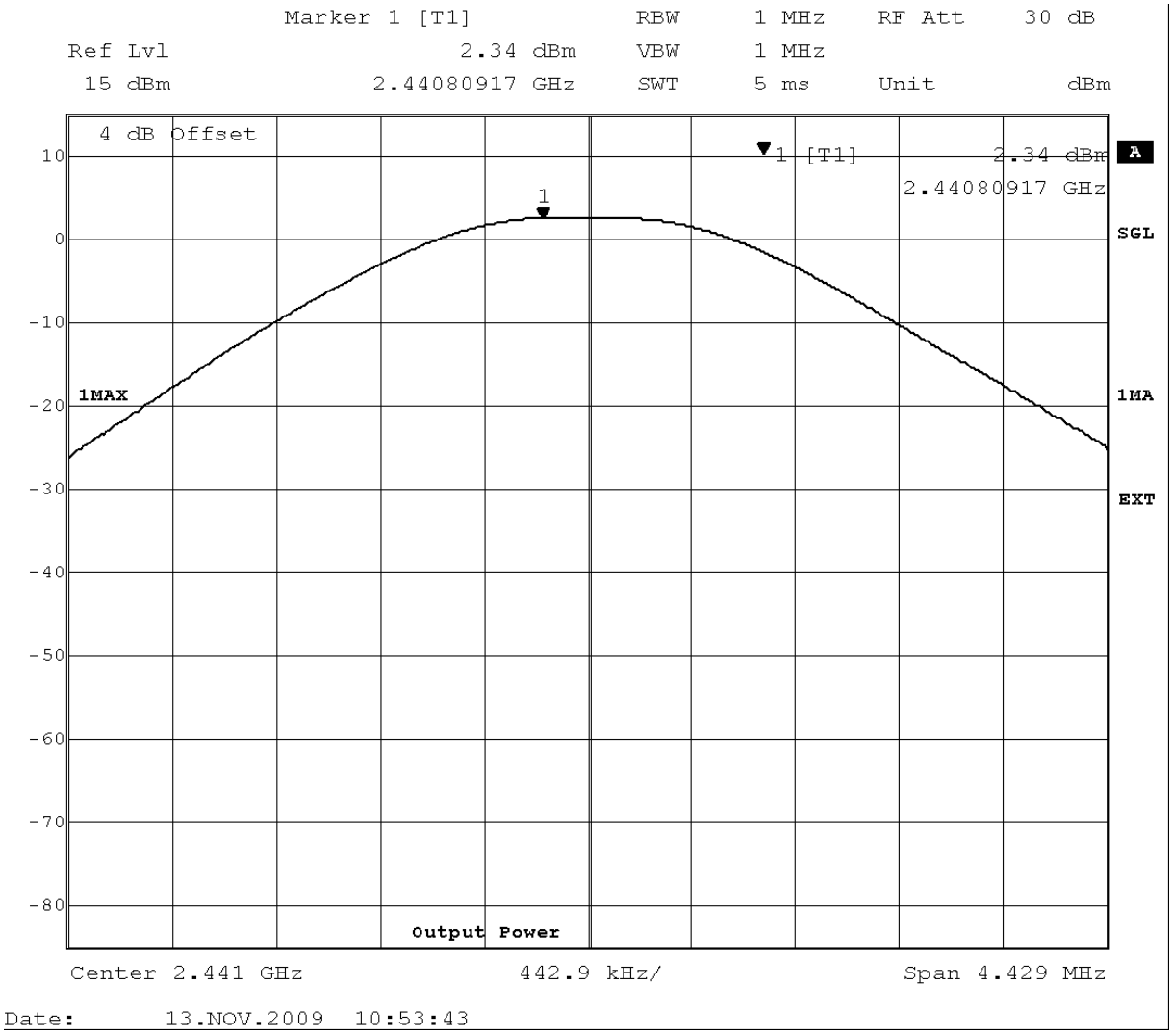
op-mode 1



7.2.2 Peak power output operating mode 2

Op. Mode

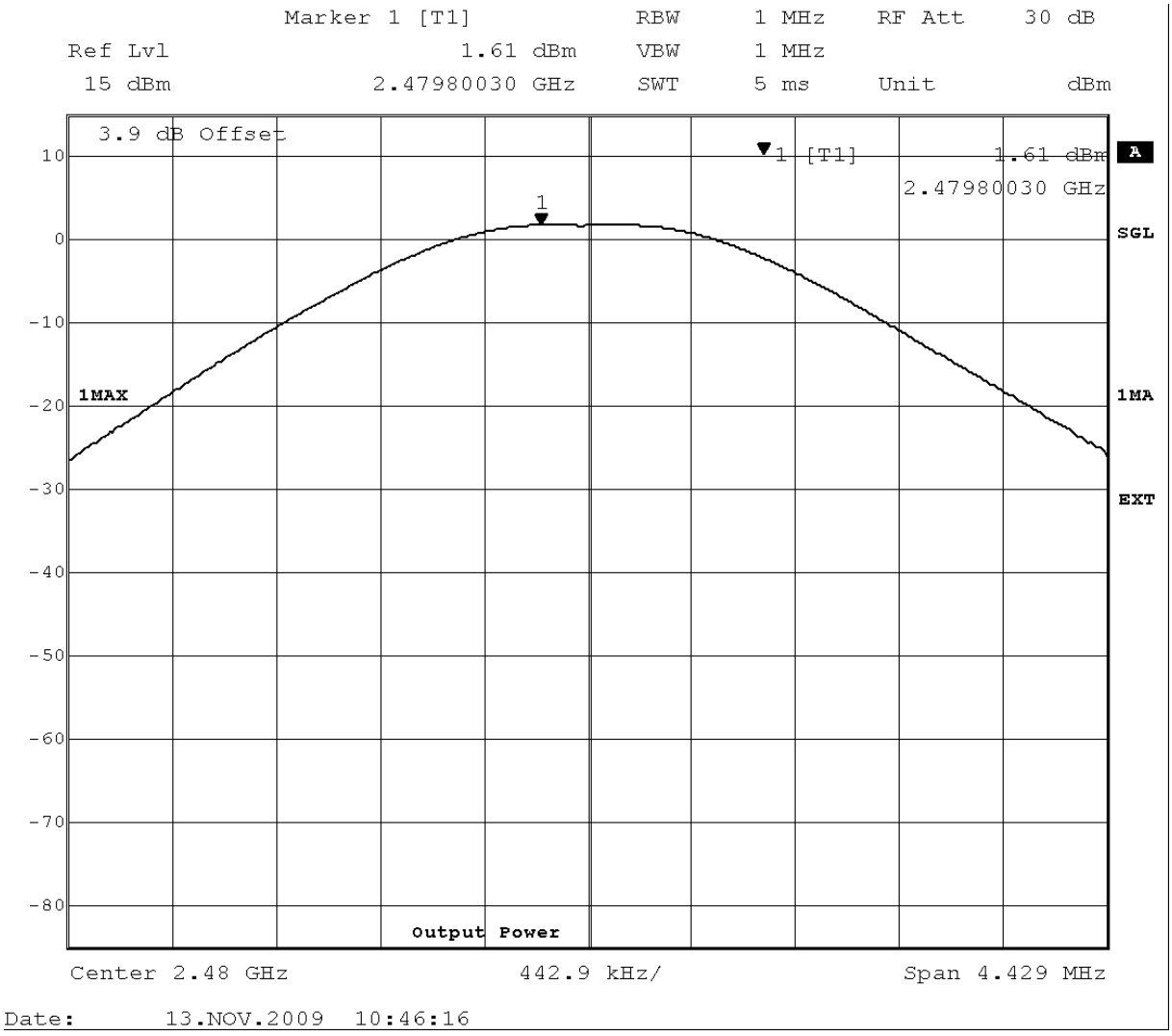
op-mode 2



7.2.3 Peak power output operating mode 3

Op. Mode

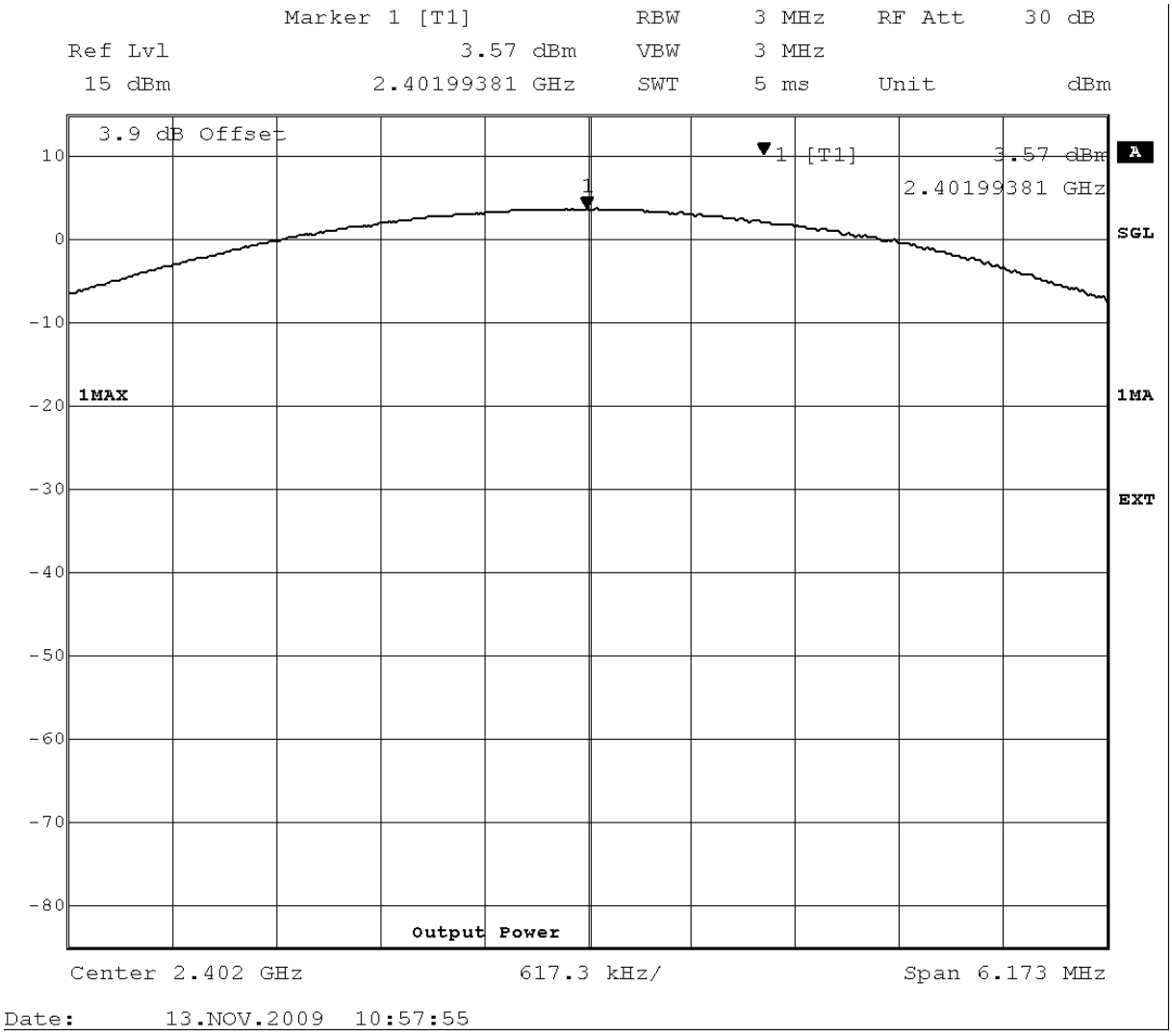
op-mode 3



7.2.4 Peak power output operating mode 6

Op. Mode

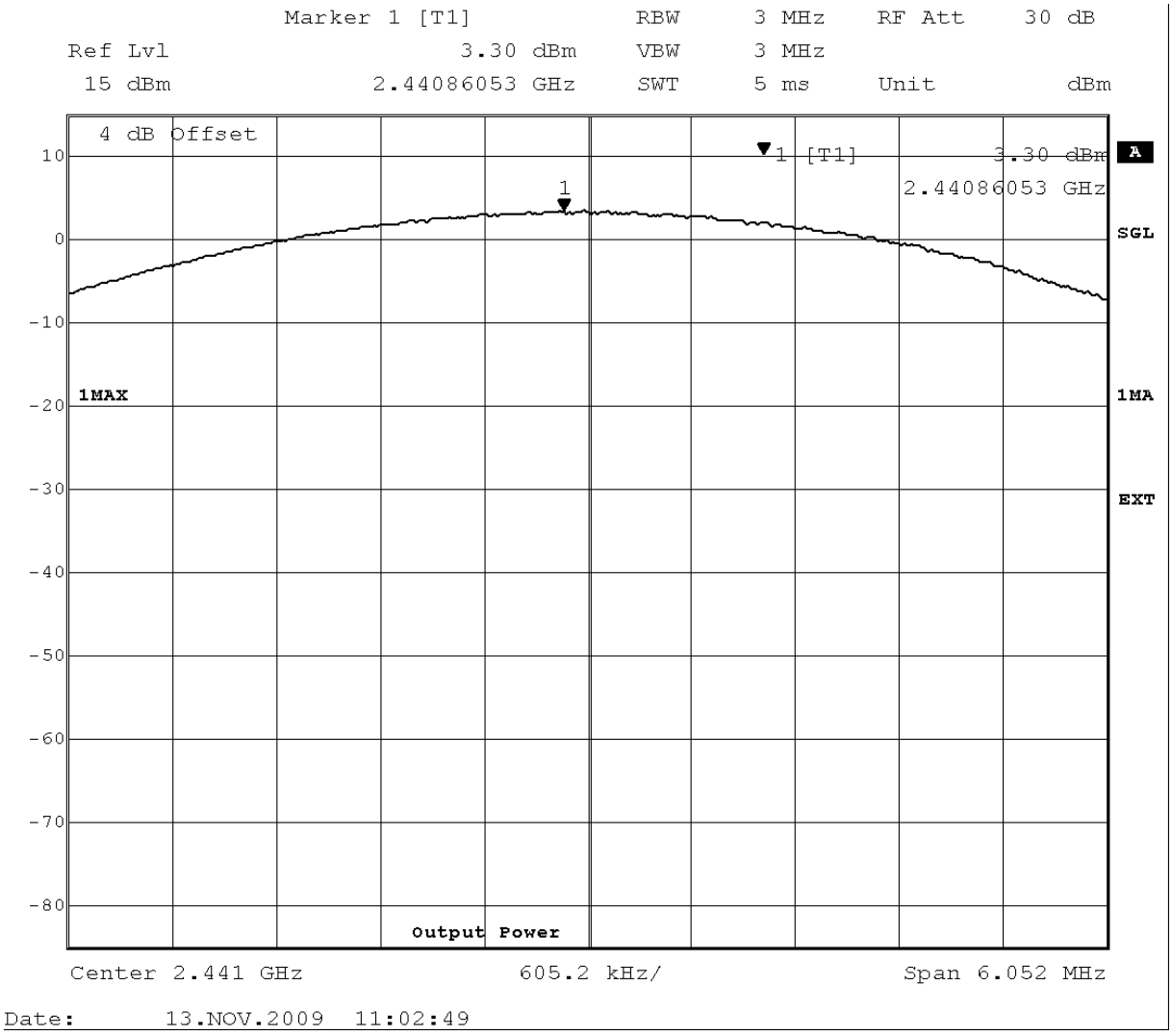
op-mode 6



7.2.5 Peak power output operating mode 7

Op. Mode

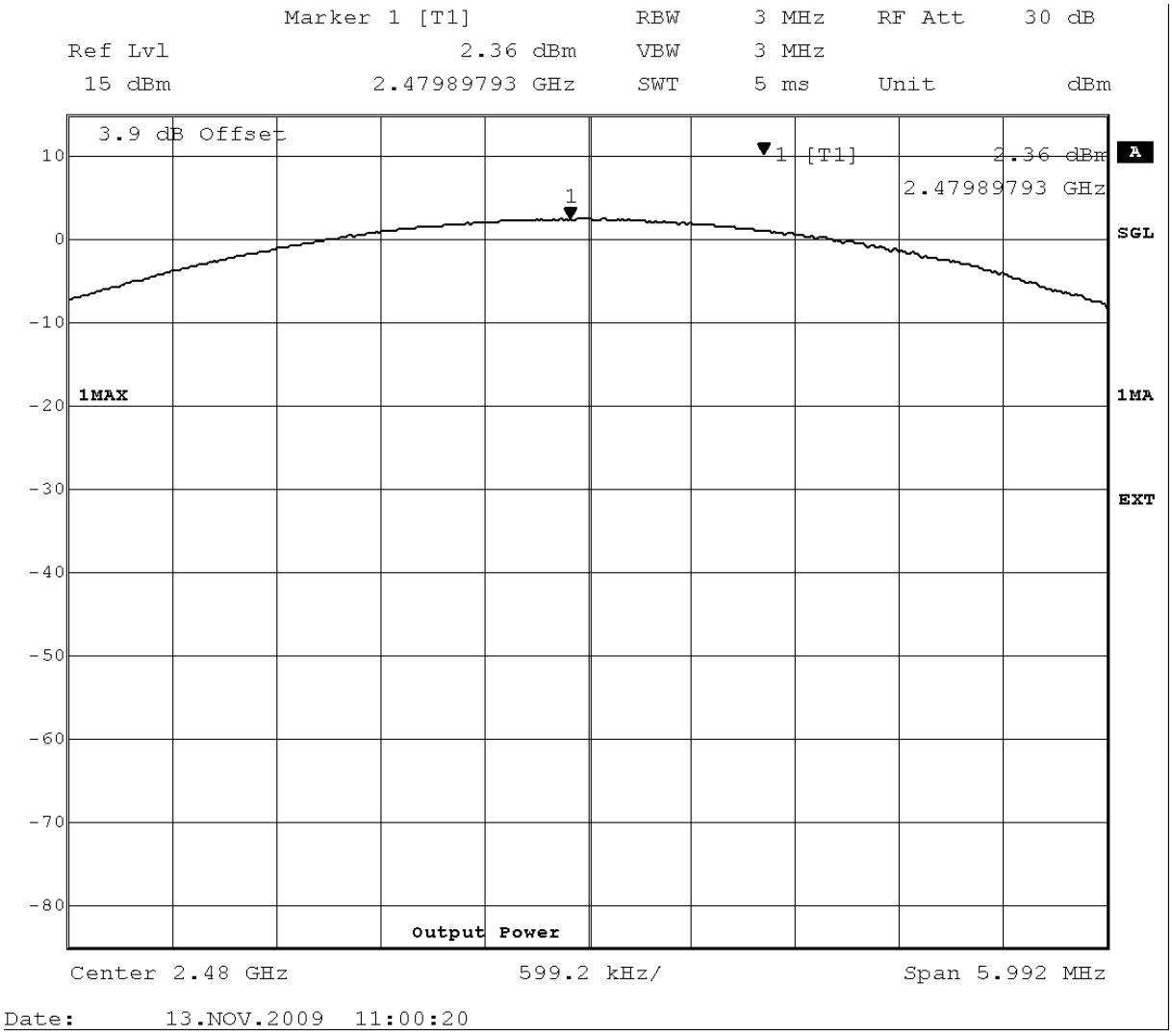
op-mode 7



7.2.6 Peak power output operating mode 8

Op. Mode

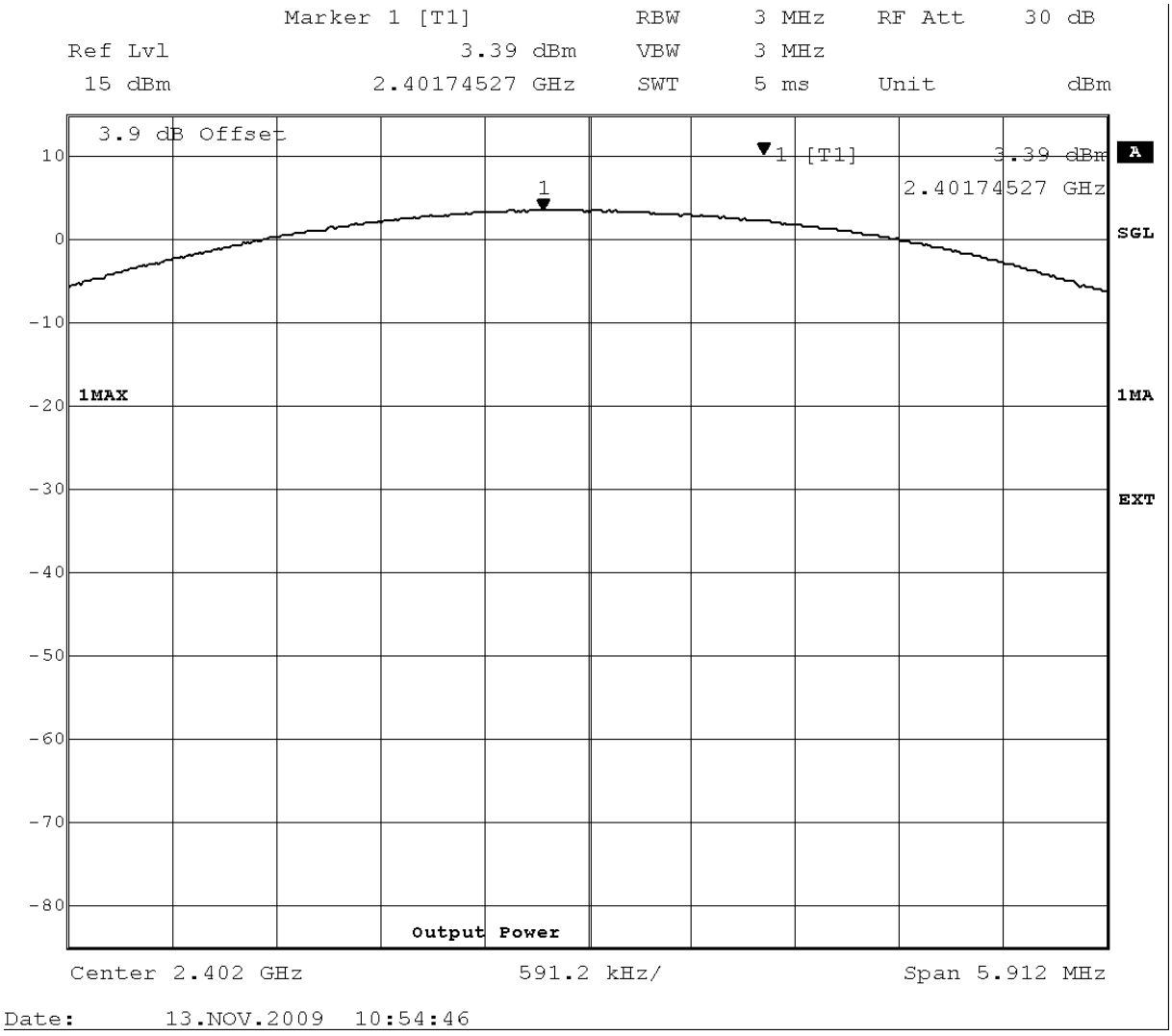
op-mode 8



7.2.7 Peak power output operating mode 10

Op. Mode

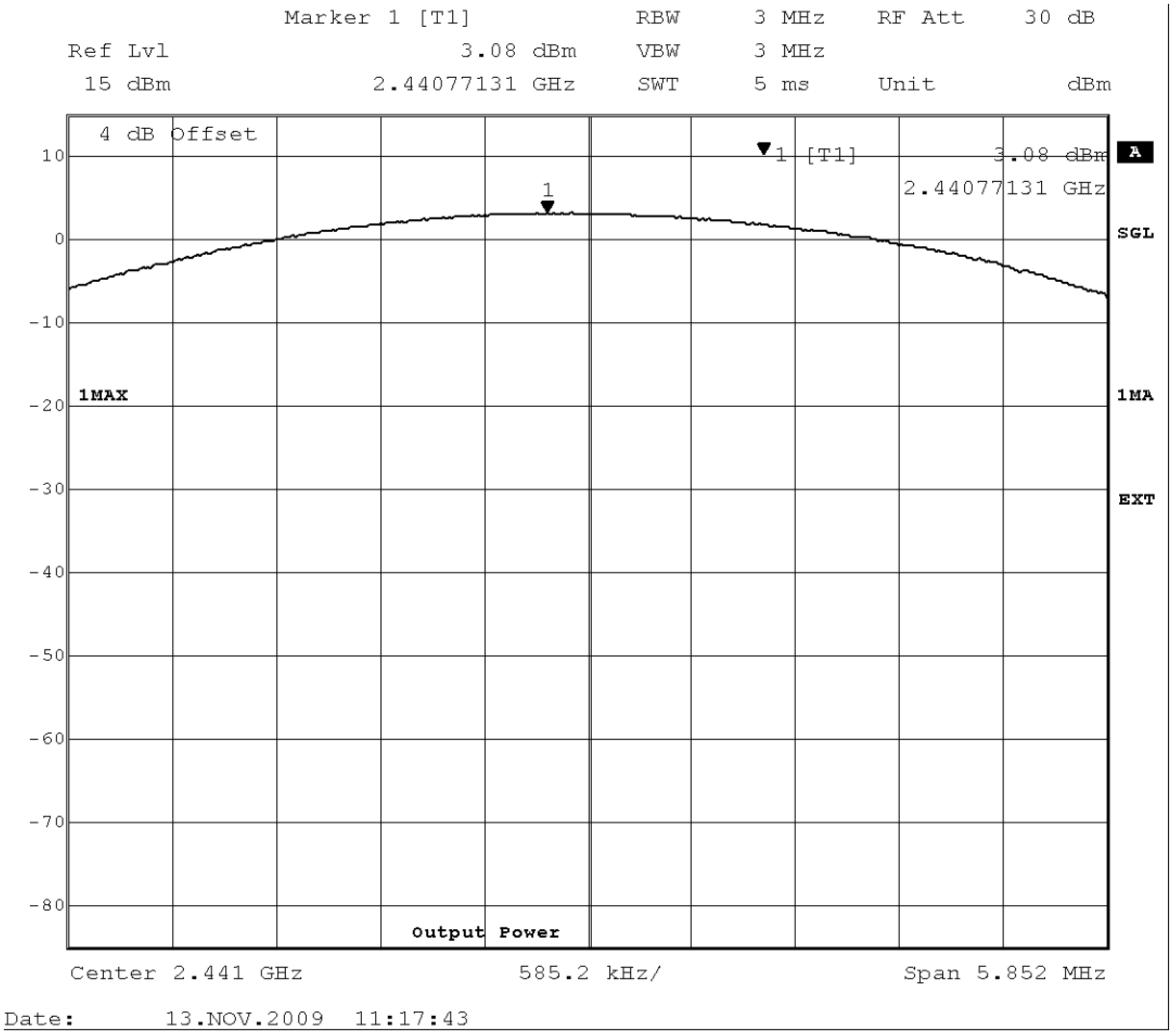
op-mode 10



7.2.8 Peak power output operating mode 11

Op. Mode

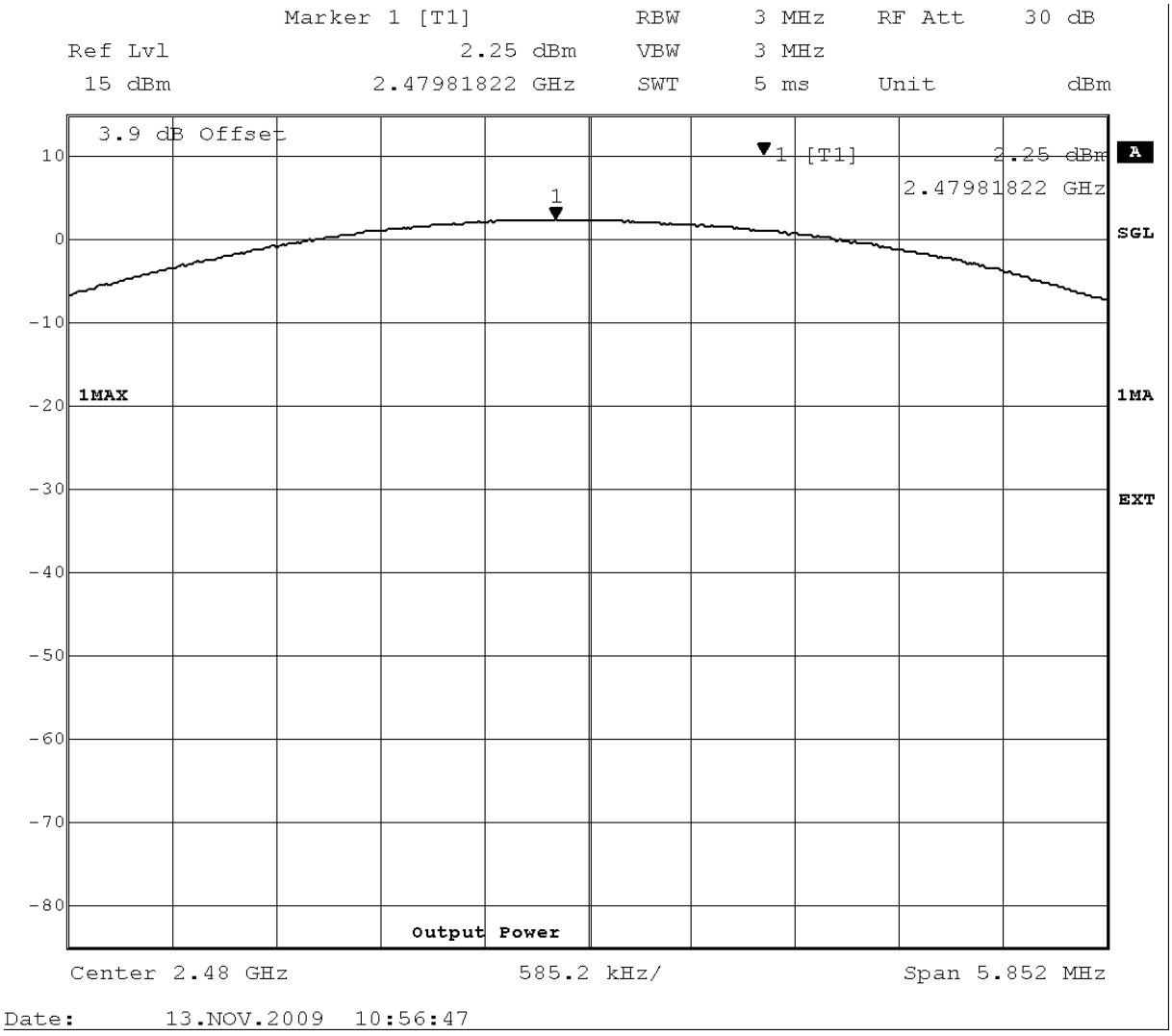
op-mode 11



7.2.9 Peak power output operating mode 12

Op. Mode

op-mode 12

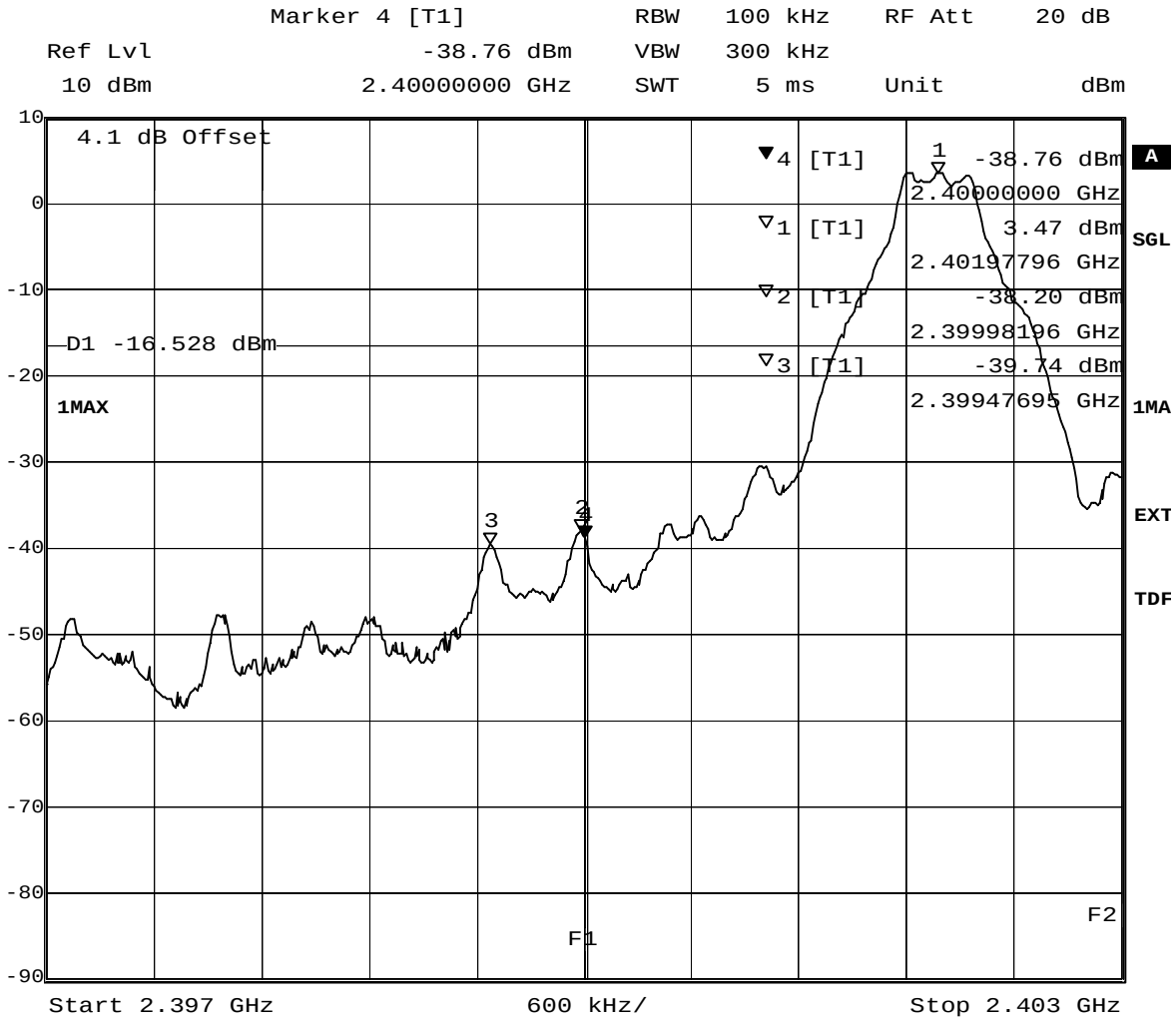


7.3 Band edge compliance conducted and Spurious RF conducted emissions

7.3.1 Band edge compliance conducted operating mode 1

Op. Mode

op-mode 1



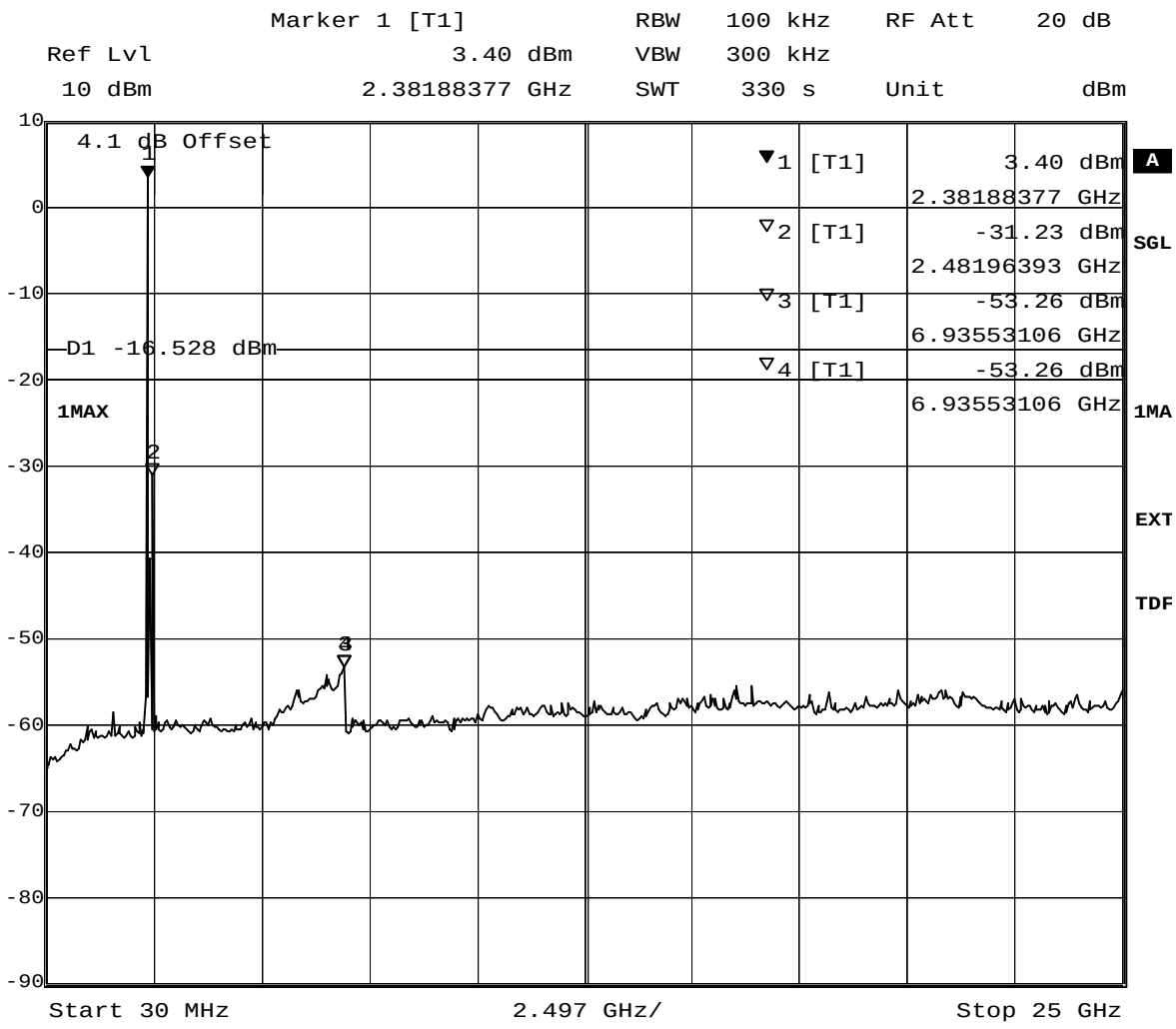
Title: Band Edge Compliance
Comment A: CH B: 2402 MHz
Date: 13.NOV.2009 13:13:07

(determination of reference value for spurious emissions measurement)

7.3.2 Spurious RF conducted emissions operating mode 1

Op. Mode

op-mode 1



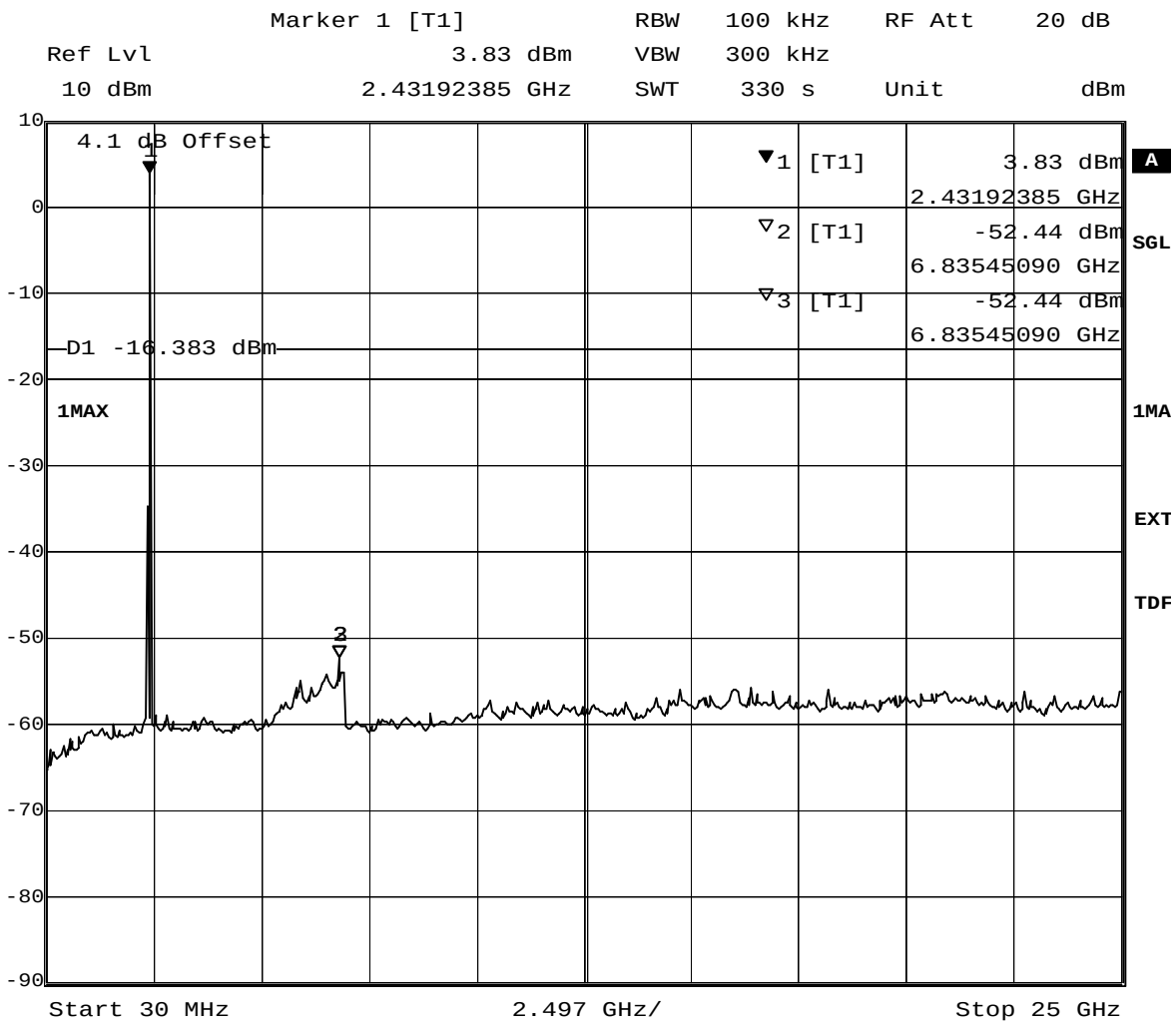
Title: spurious emissions
Comment A: CH B: 2402 MHz
Date: 13.NOV.2009 13:24:44

(spurious emissions measurement)

7.3.3 Spurious RF conducted emissions operating mode 2

Op. Mode

op-mode 2



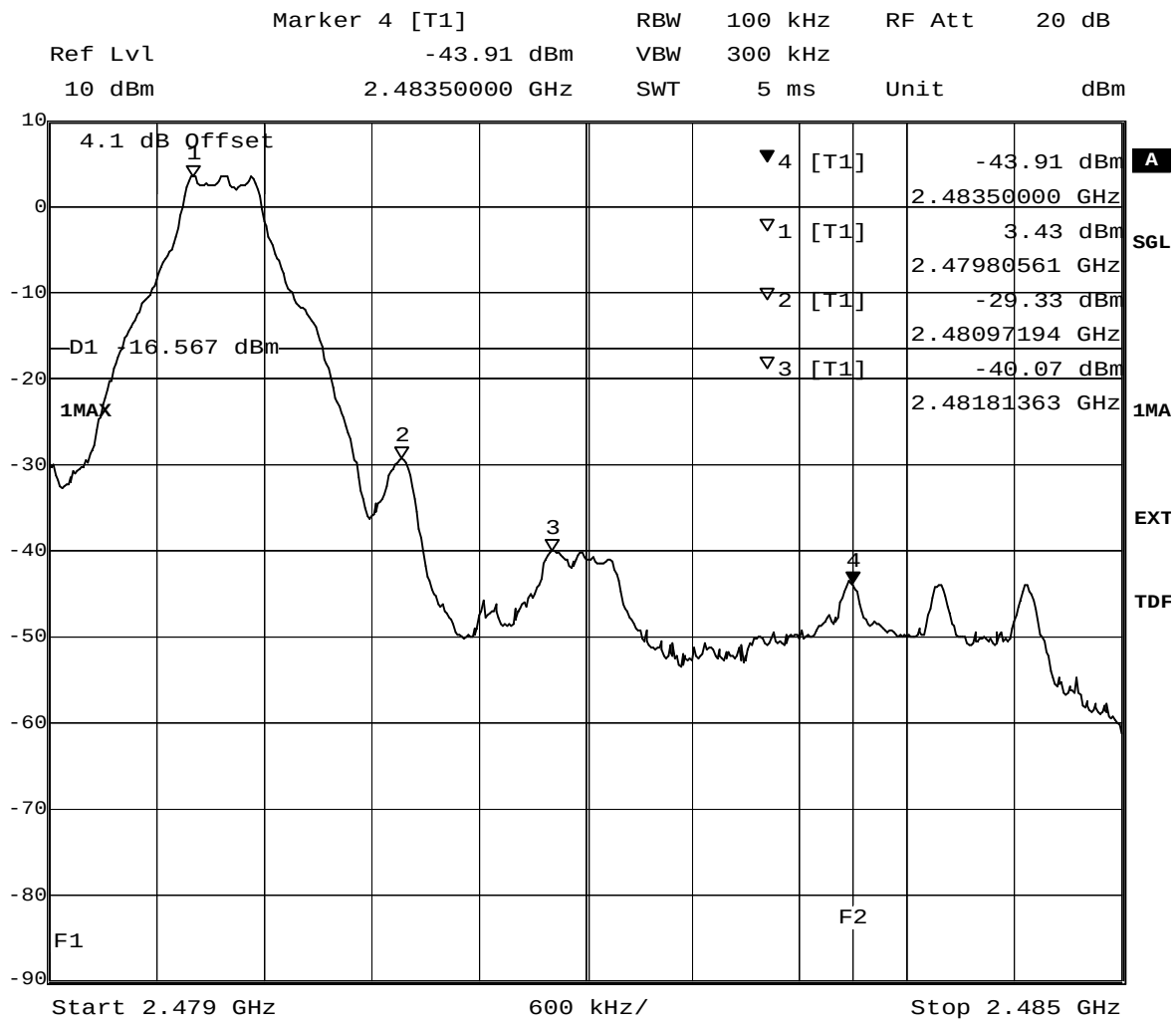
Title: spurious emissions
Comment A: CH M: 2441 MHz
Date: 13.NOV.2009 13:37:57

(spurious emissions measurement,
determination of reference value is automatically performed by the test system)

7.3.4 Band edge compliance conducted operating mode 3

Op. Mode

op-mode 3



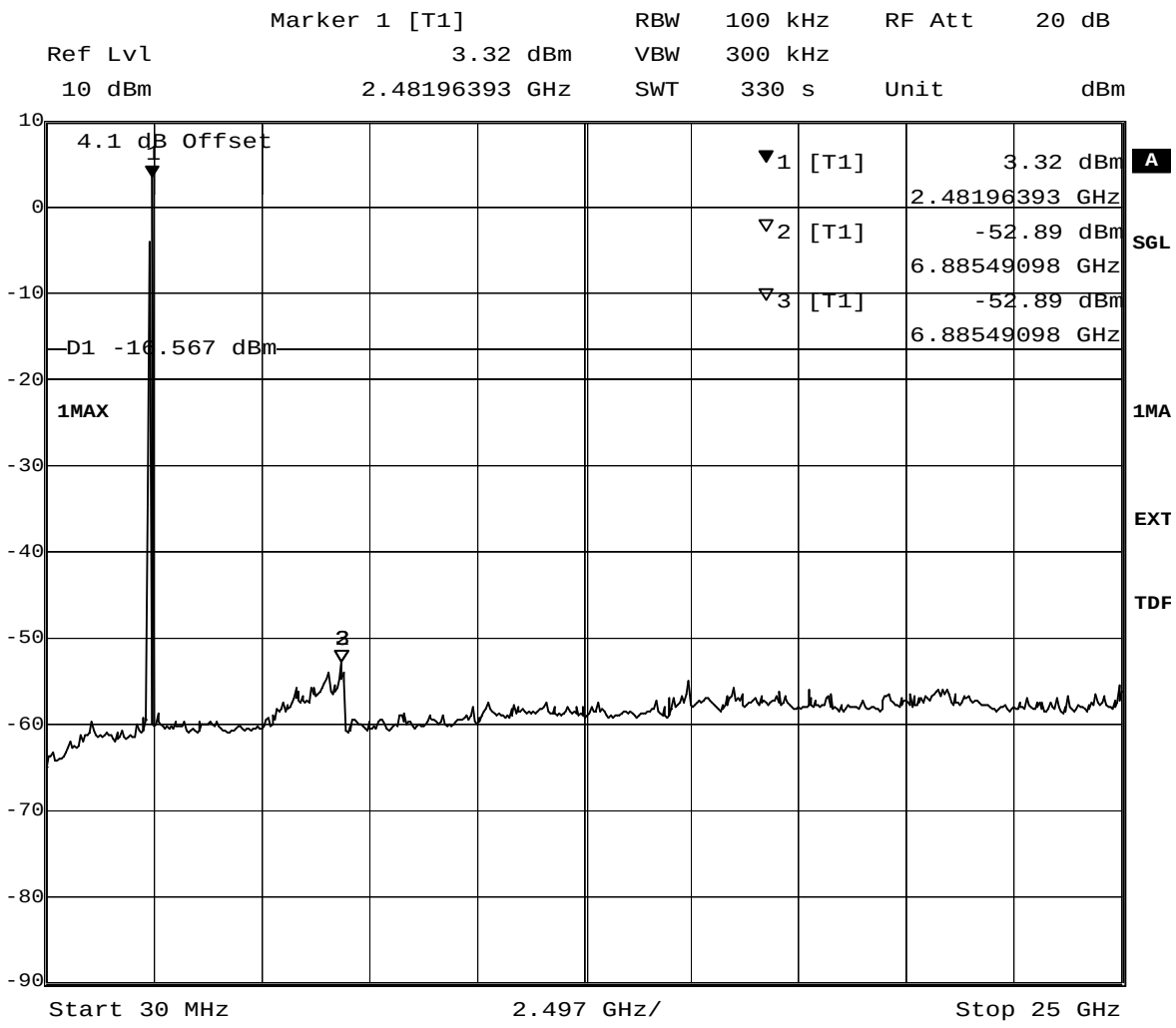
Title: Band Edge Compliance
Comment A: CH T: 2480 MHz
Date: 13.NOV.2009 13:42:36

(determination of reference value for spurious emissions measurement)

7.3.5 Spurious RF conducted emissions operating mode 3

Op. Mode

op-mode 3



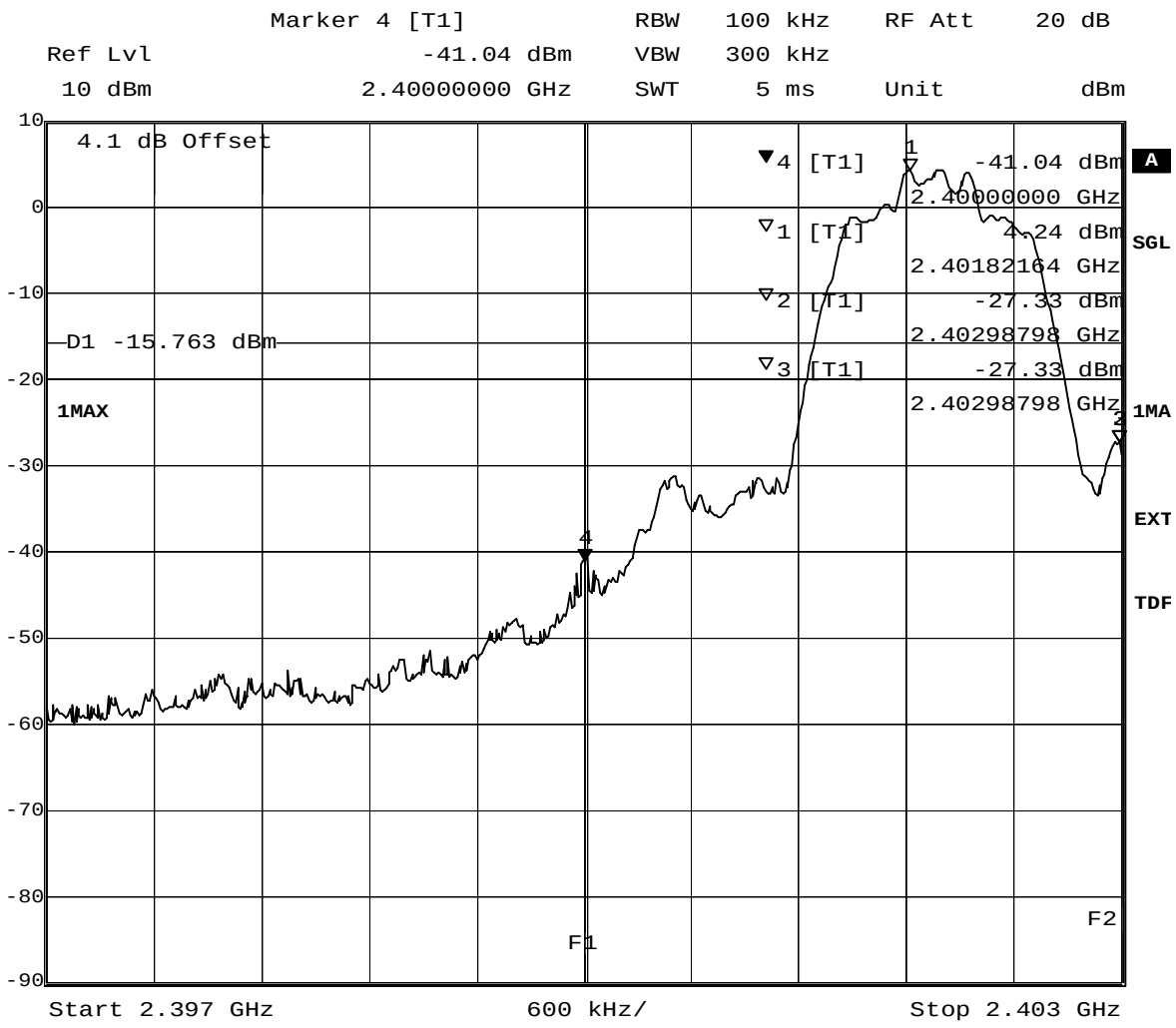
Title: spurious emissions
Comment A: CH T: 2480 MHz
Date: 13.NOV.2009 13:54:14

(spurious emissions measurement)

7.3.6 Band edge compliance conducted operating mode 6

Op. Mode

op-mode 6



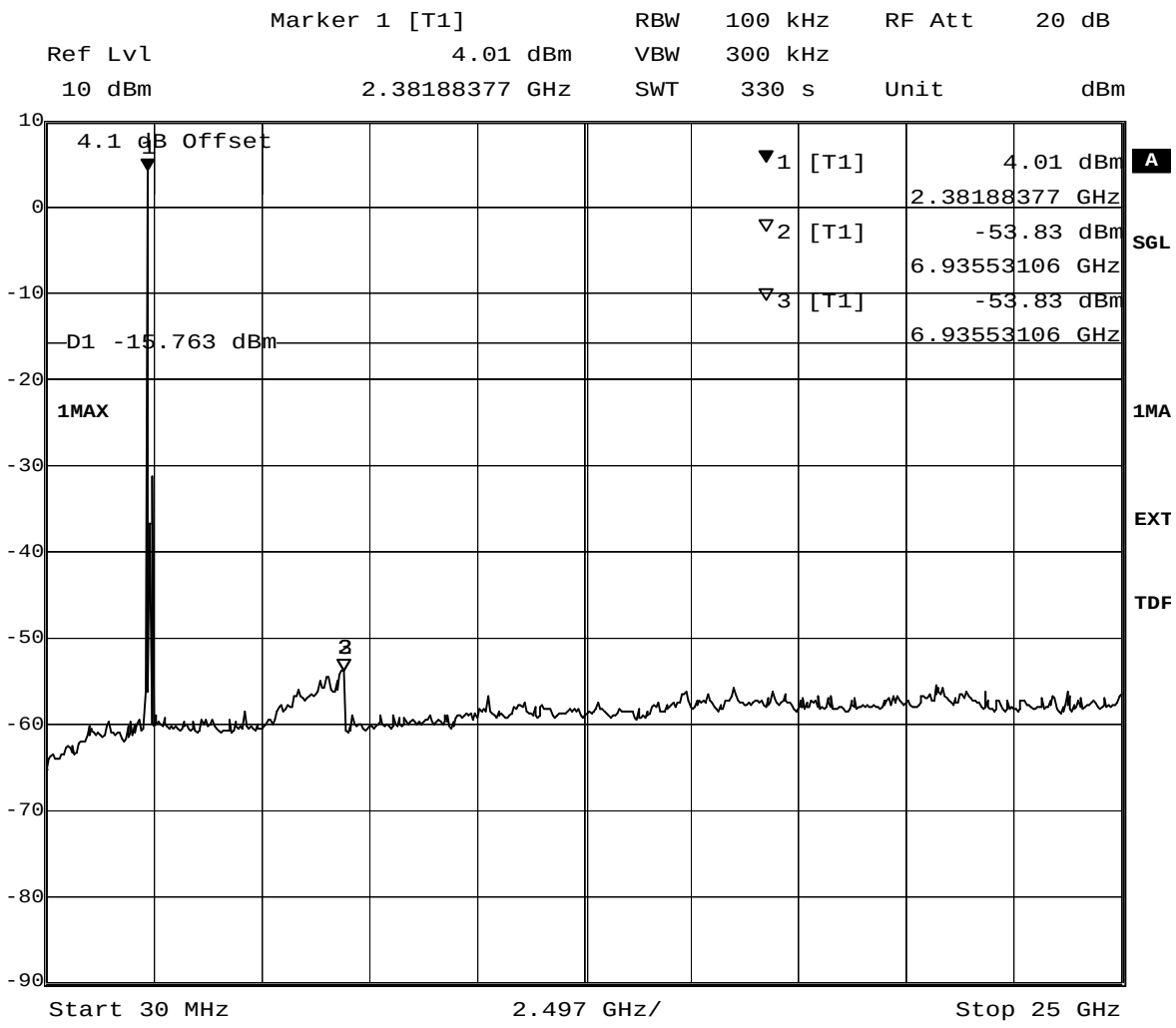
Title: Band Edge Compliance
Comment A: CH B: 2402 MHz
Date: 13.NOV.2009 16:05:20

(determination of reference value for spurious emissions measurement)

7.3.7 Spurious RF conducted emissions operating mode 6

Op. Mode

op-mode 6



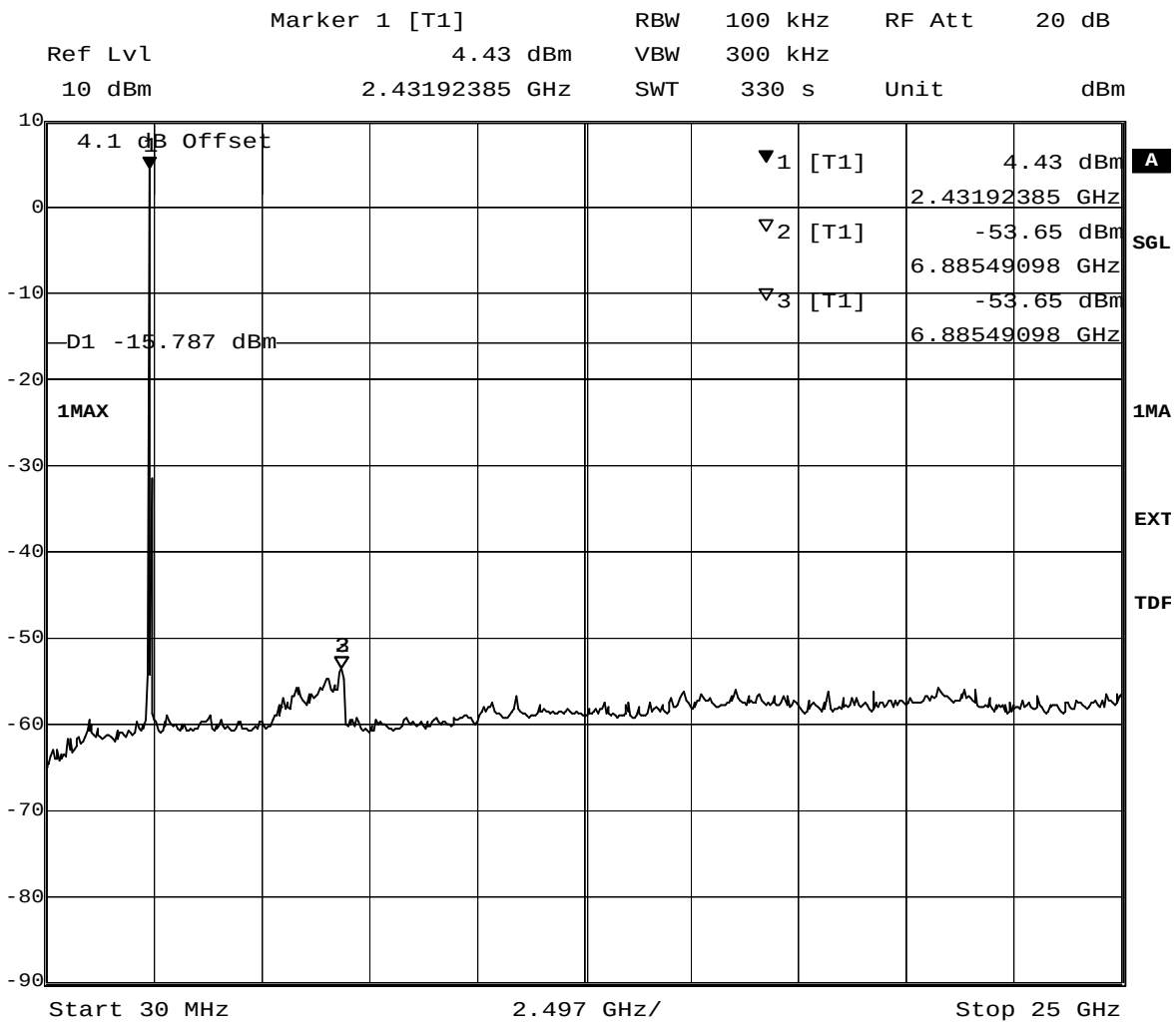
Title: spurious emissions
Comment A: CH B: 2402 MHz
Date: 13.NOV.2009 16:16:57

(spurious emissions measurement)

7.3.8 Spurious RF conducted emissions operating mode 7

Op. Mode

op-mode 7



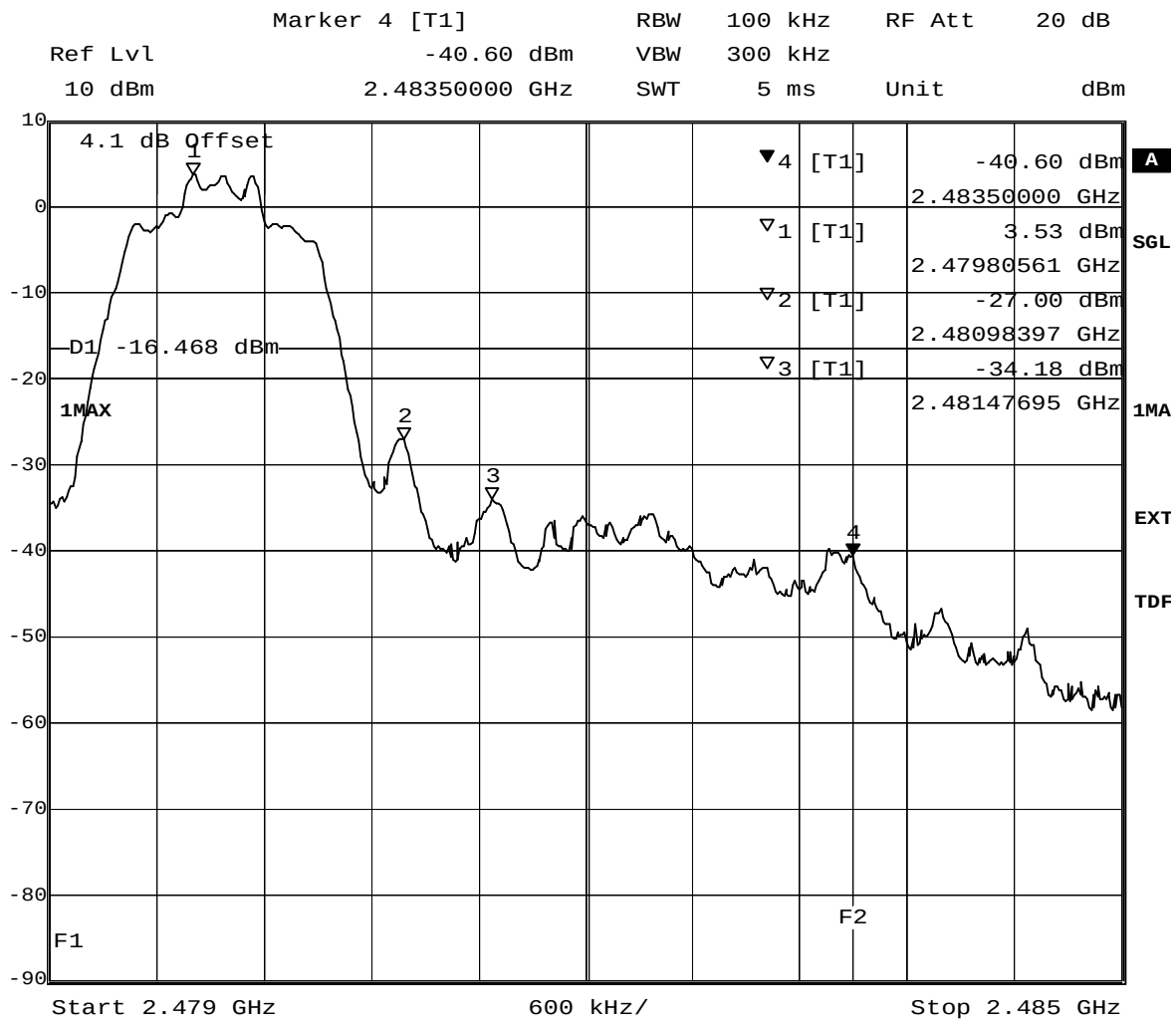
Title: spurious emissions
Comment A: CH M: 2441 MHz
Date: 13.NOV.2009 16:36:19

(spurious emissions measurement,
determination of reference value is automatically performed by the test system)

7.3.9 Band edge compliance conducted operating mode 8

Op. Mode

op-mode 8



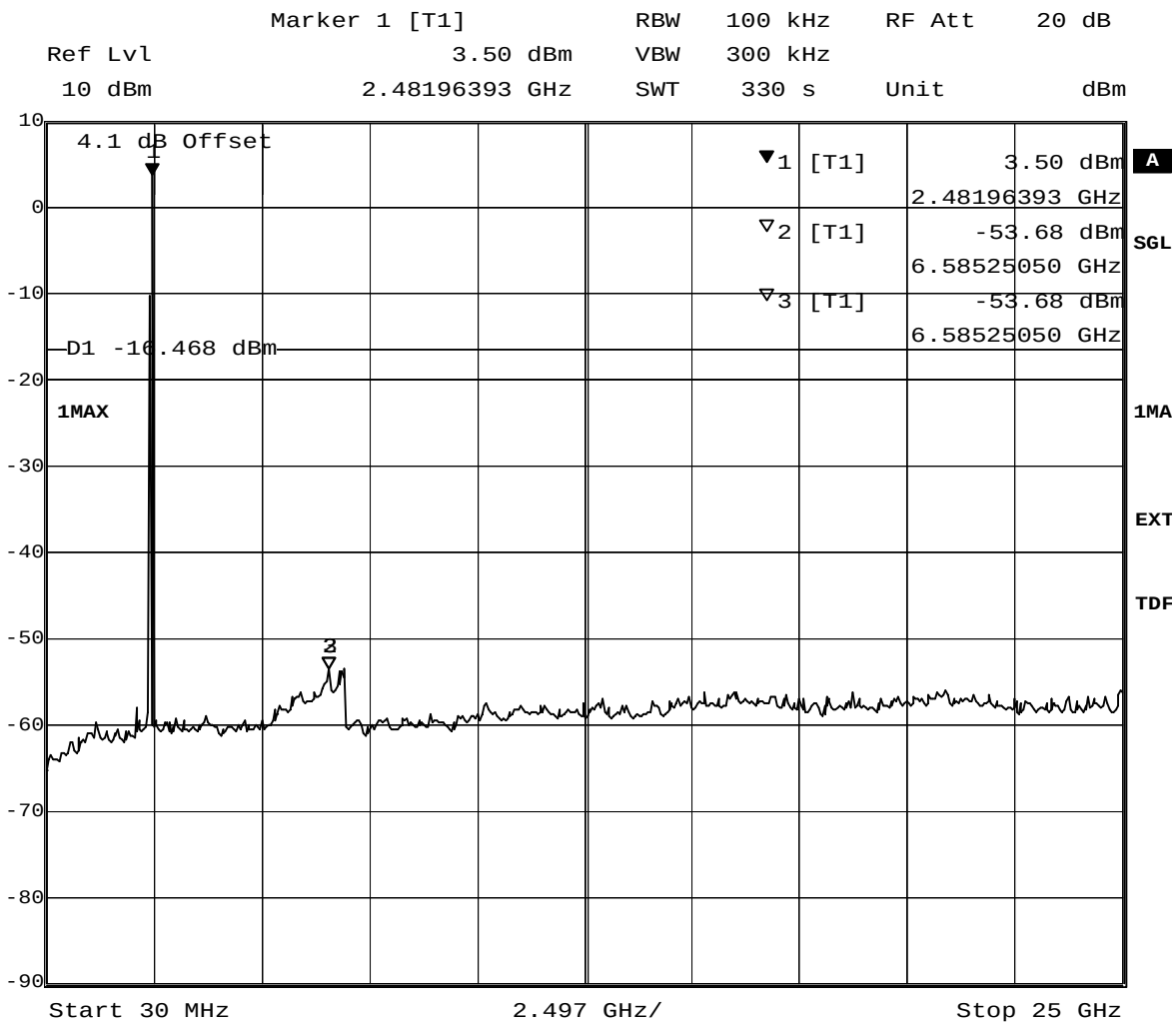
Title: Band Edge Compliance
Comment A: CH T: 2480 MHz
Date: 13.NOV.2009 16:37:35

(determination of reference value for spurious emissions measurement)

7.3.10 Spurious RF conducted emissions operating mode 8

Op. Mode

op-mode 8



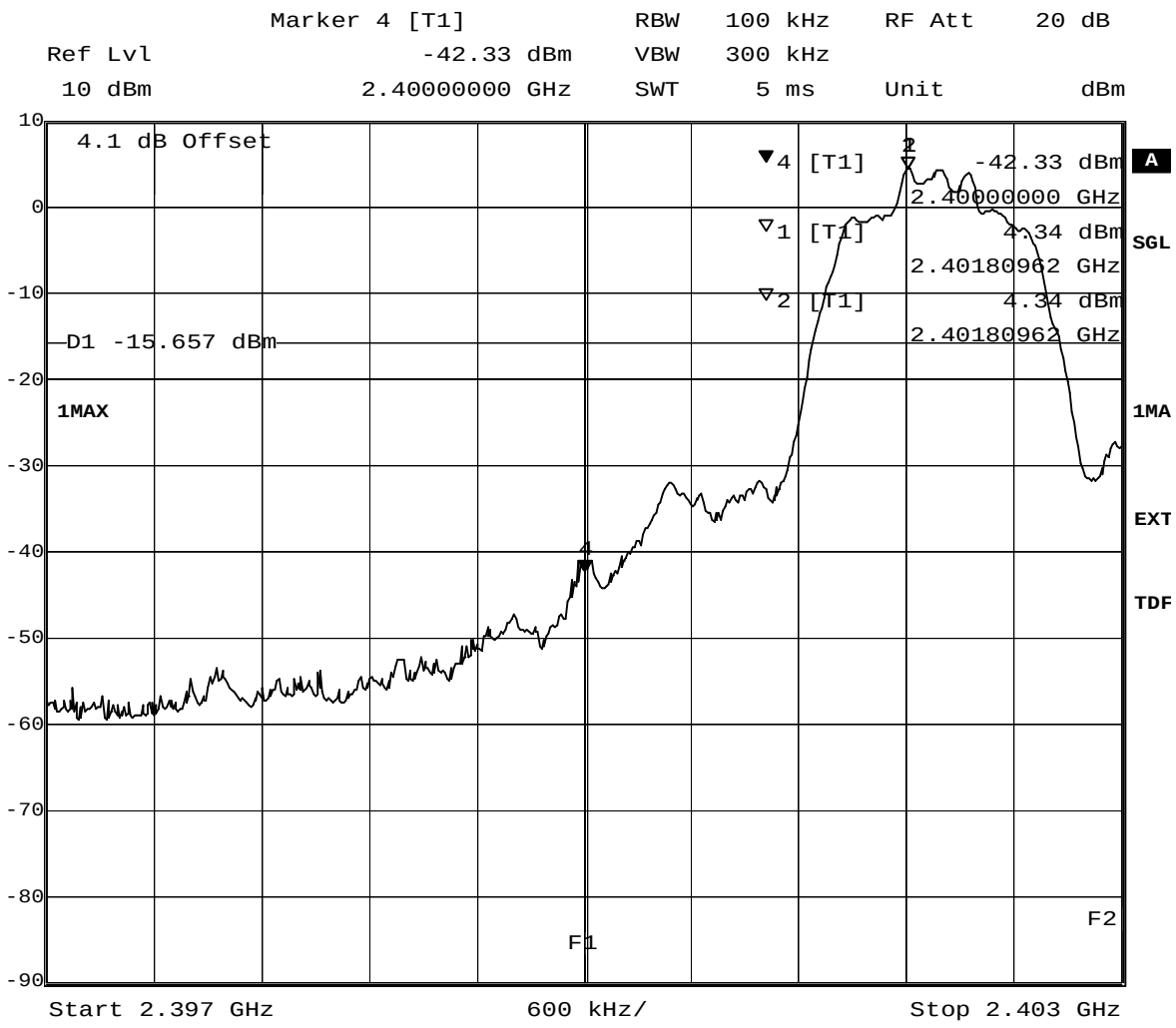
Title: spurious emissions
Comment A: CH T: 2480 MHz
Date: 13.NOV.2009 16:49:13

(spurious emissions measurement)

7.3.11 Band edge compliance conducted operating mode 10

Op. Mode

op-mode 10



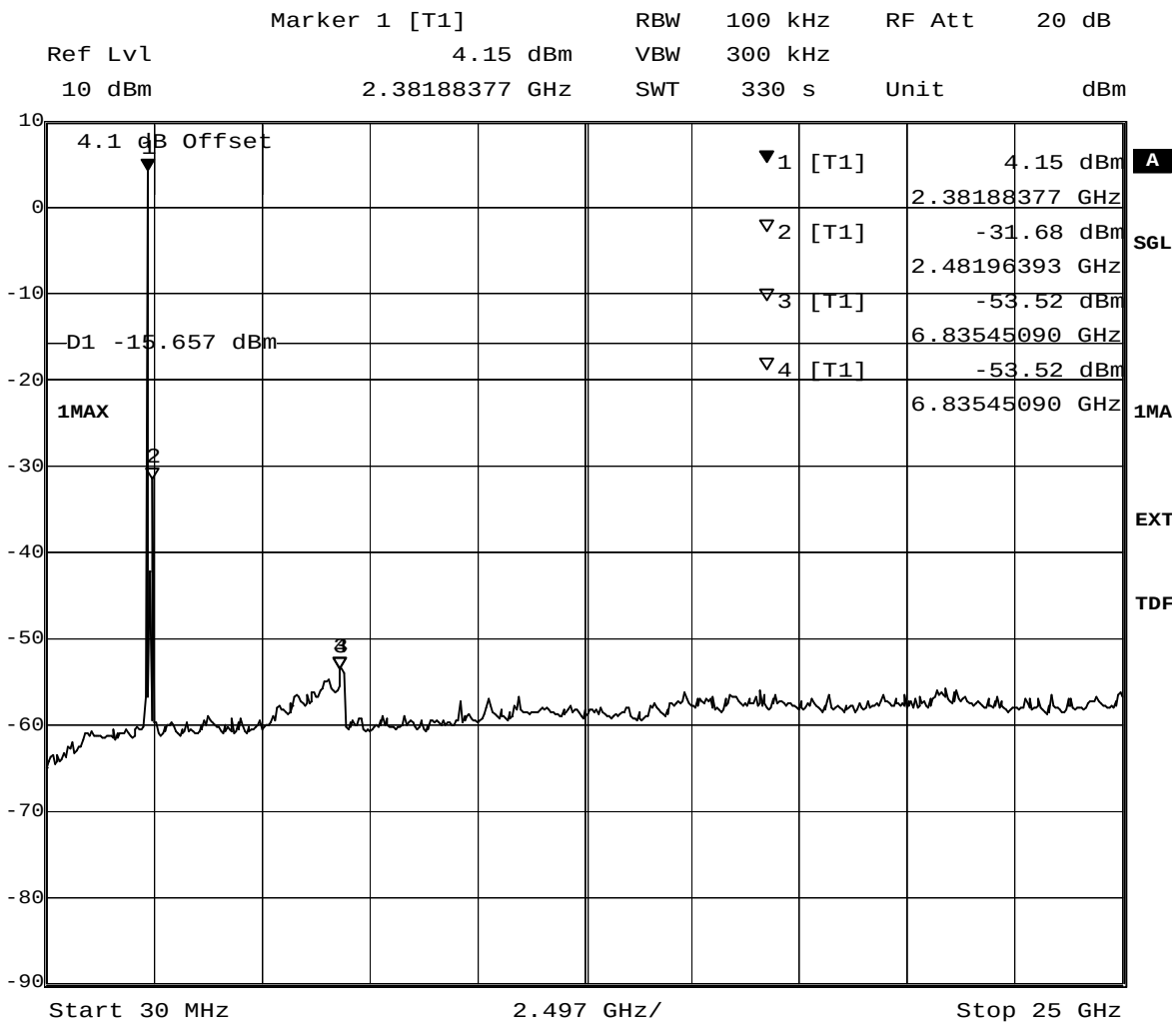
Title: Band Edge Compliance
Comment A: CH B: 2402 MHz
Date: 13.NOV.2009 13:56:02

(determination of reference value for spurious emissions measurement)

7.3.12 Spurious RF conducted emissions operating mode 10

Op. Mode

op-mode 10



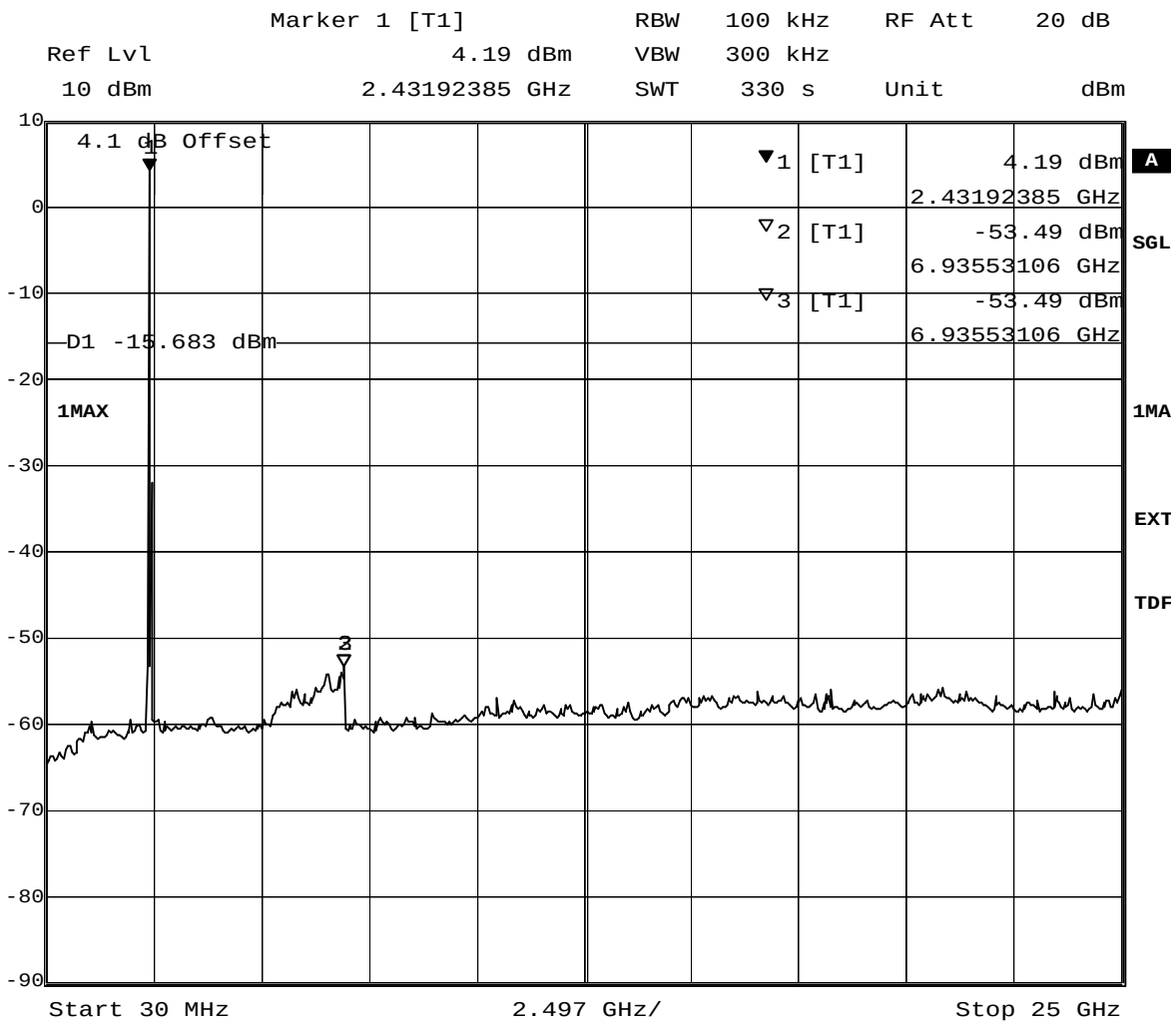
Title: spurious emissions
Comment A: CH B: 2402 MHz
Date: 13.NOV.2009 14:07:39

(spurious emissions measurement)

7.3.13 Spurious RF conducted emissions operating mode 11

Op. Mode

op-mode 11



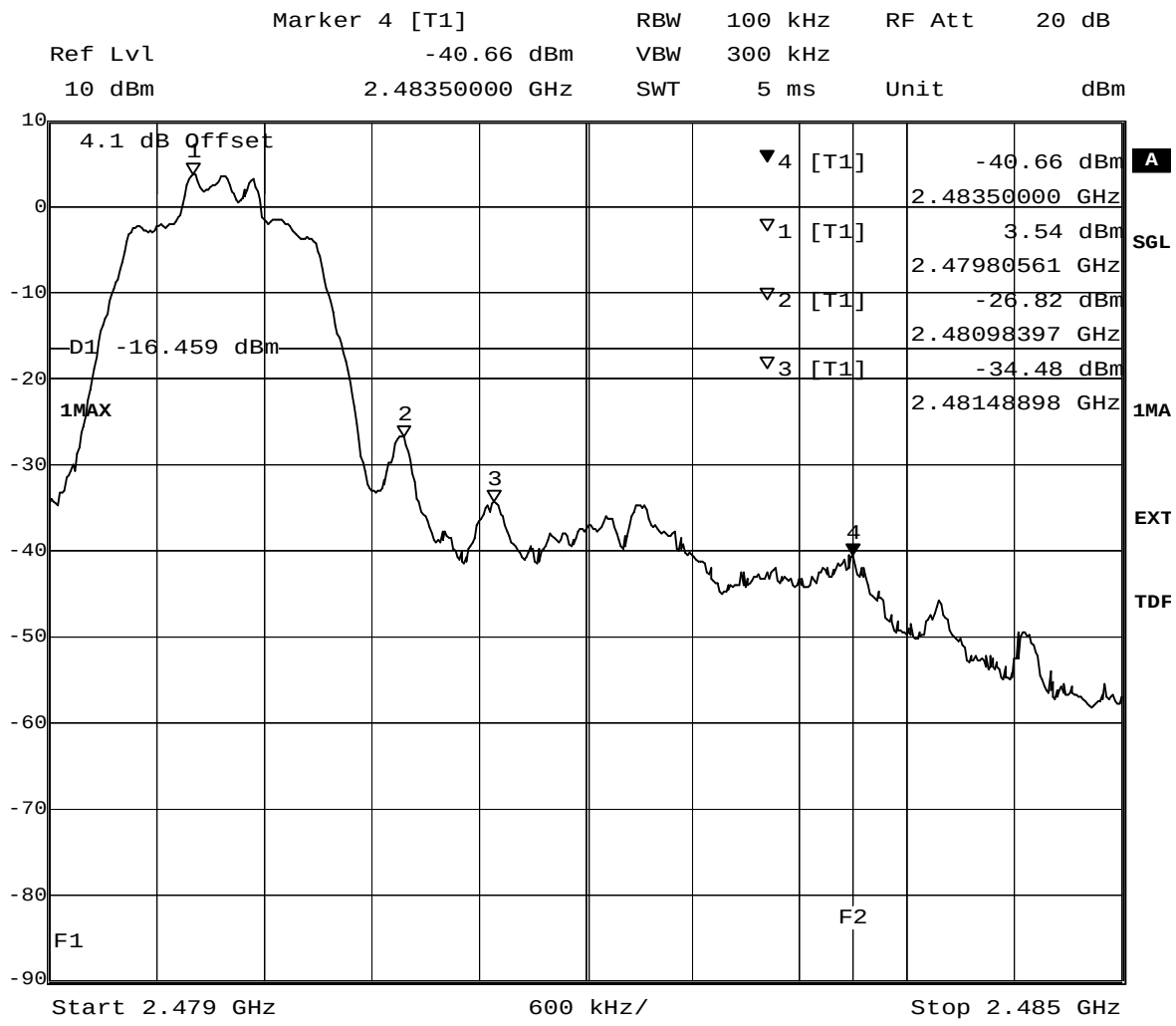
Title: spurious emissions
Comment A: CH M: 2441 MHz
Date: 13.NOV.2009 14:25:19

(spurious emissions measurement,
determination of reference value is automatically performed by the test system)

7.3.14 Band edge compliance conducted operating mode 12

Op. Mode

op-mode 12



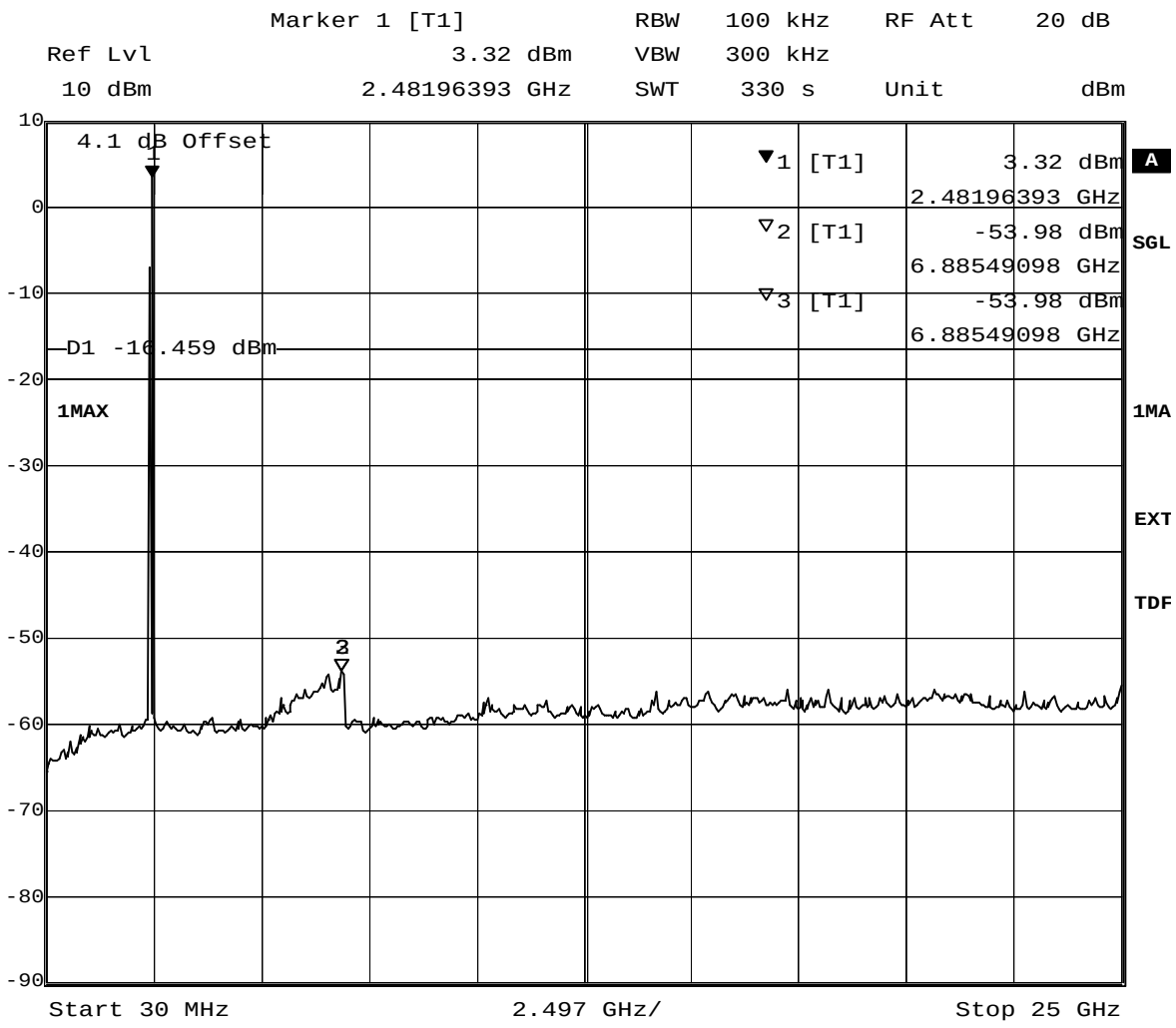
Title: Band Edge Compliance
Comment A: CH T: 2480 MHz
Date: 13.NOV.2009 15:21:11

(determination of reference value for spurious emissions measurement)

7.3.15 Spurious RF conducted emissions operating mode 12

Op. Mode

op-mode 12



Title: spurious emissions
Comment A: CH T: 2480 MHz
Date: 13.NOV.2009 15:32:48

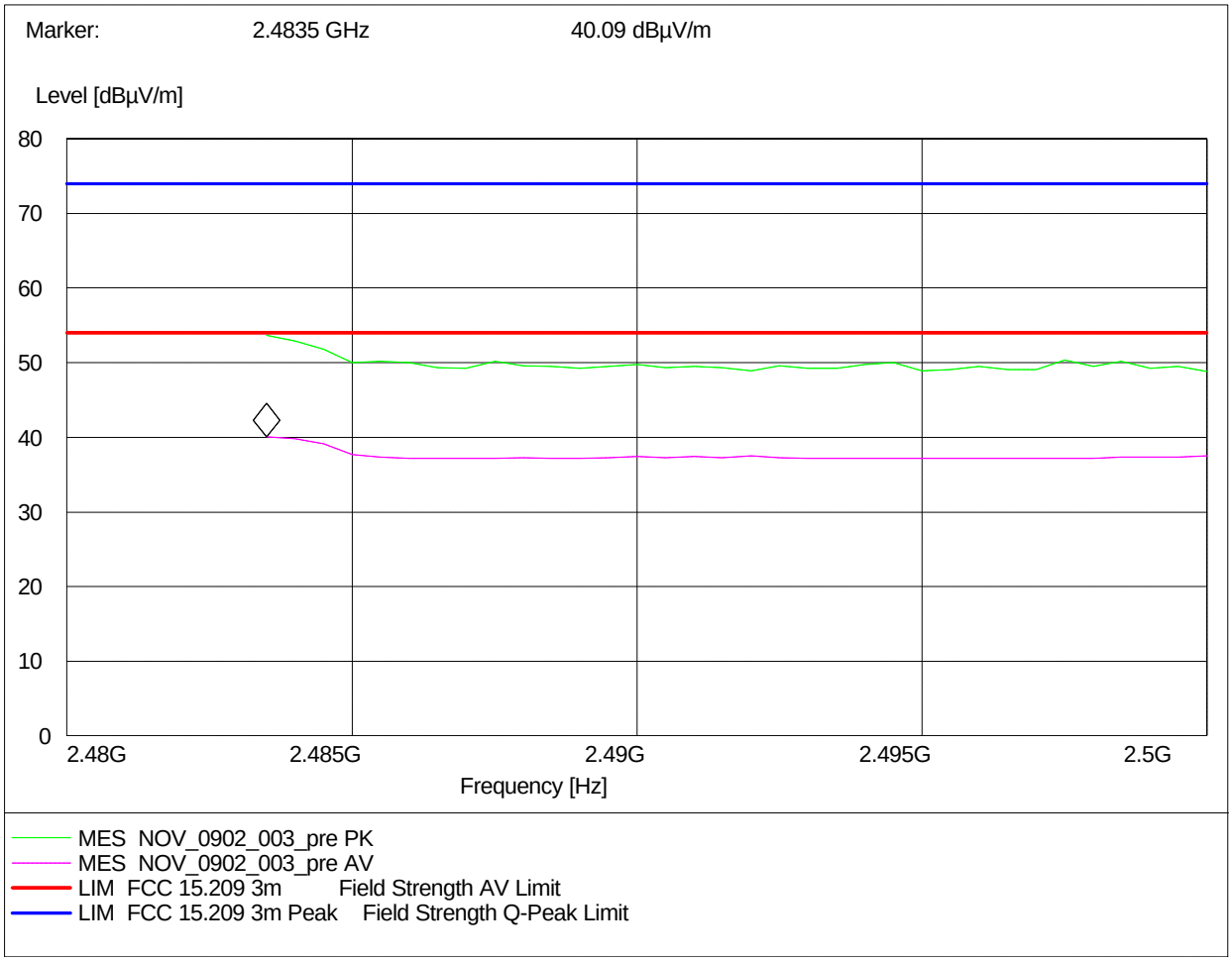
(spurious emissions measurement)

7.4 Band edge compliance radiated

7.4.1 Band edge compliance radiated operating mode 3

Op. Mode

op-mode 3

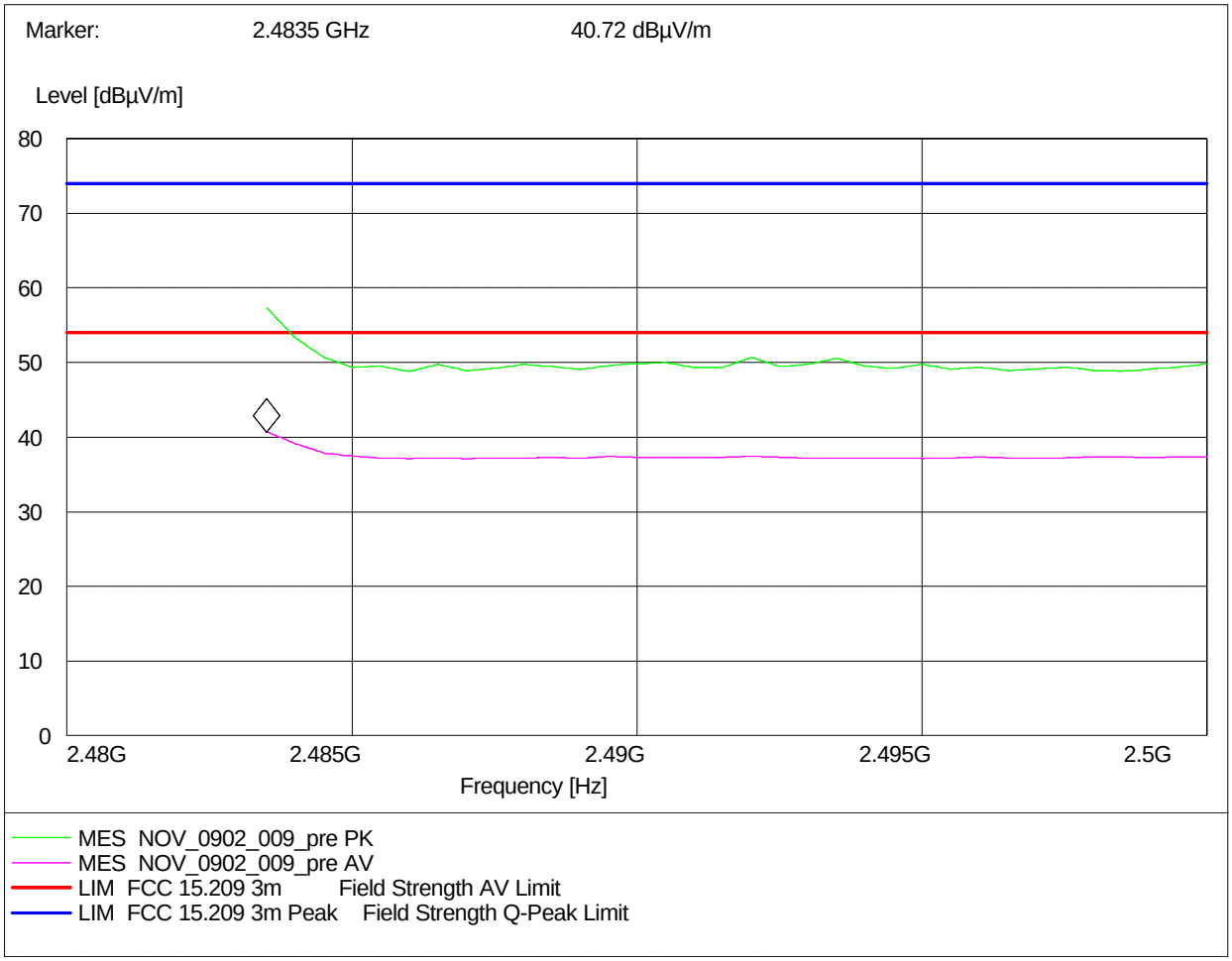


Radiated measurement (higher band edge)

7.4.2 Band edge compliance radiated operating mode 8

Op. Mode

op-mode 8

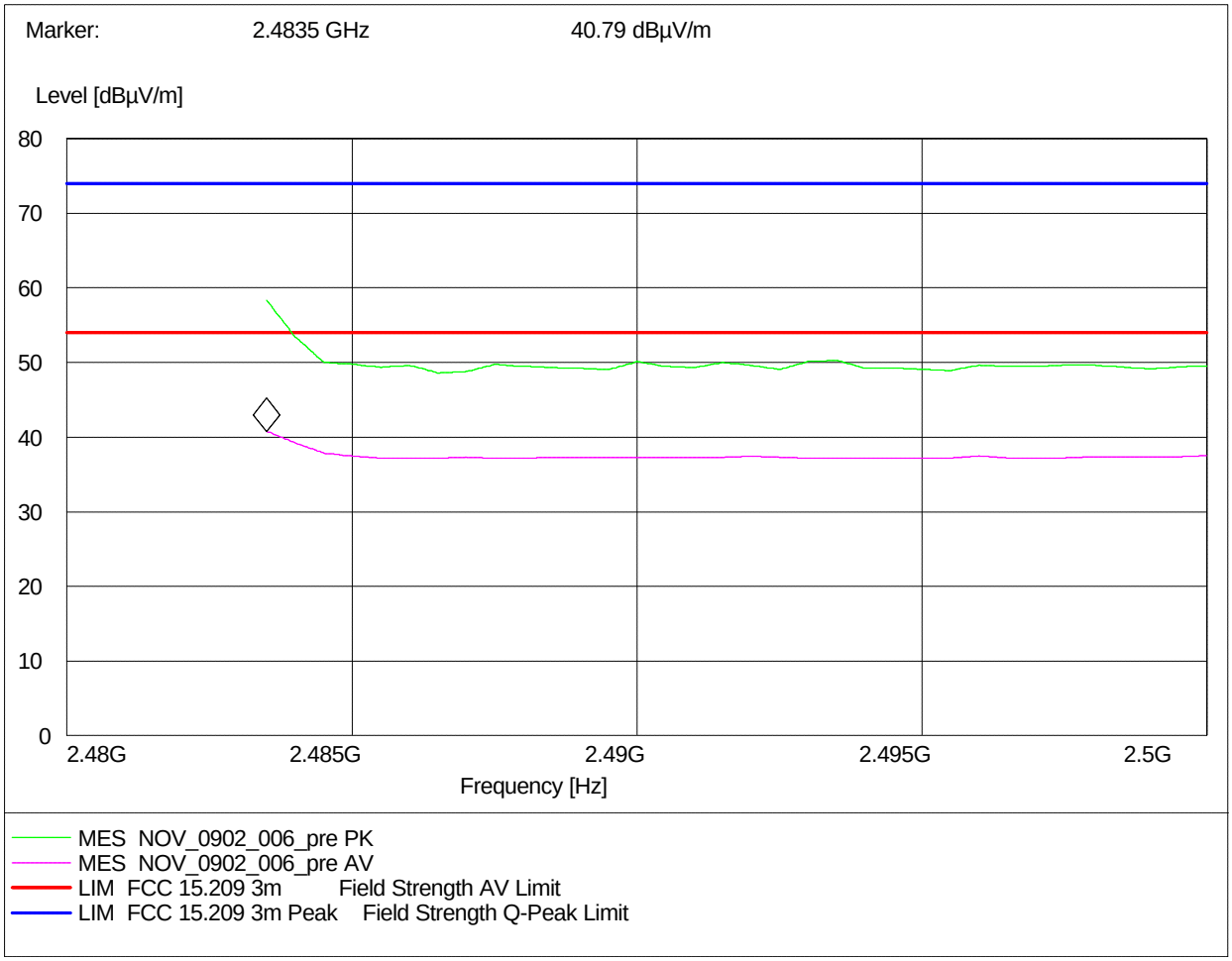


Radiated measurement (higher band edge)

7.4.3 Band edge compliance radiated operating mode 12

Op. Mode

op-mode 12

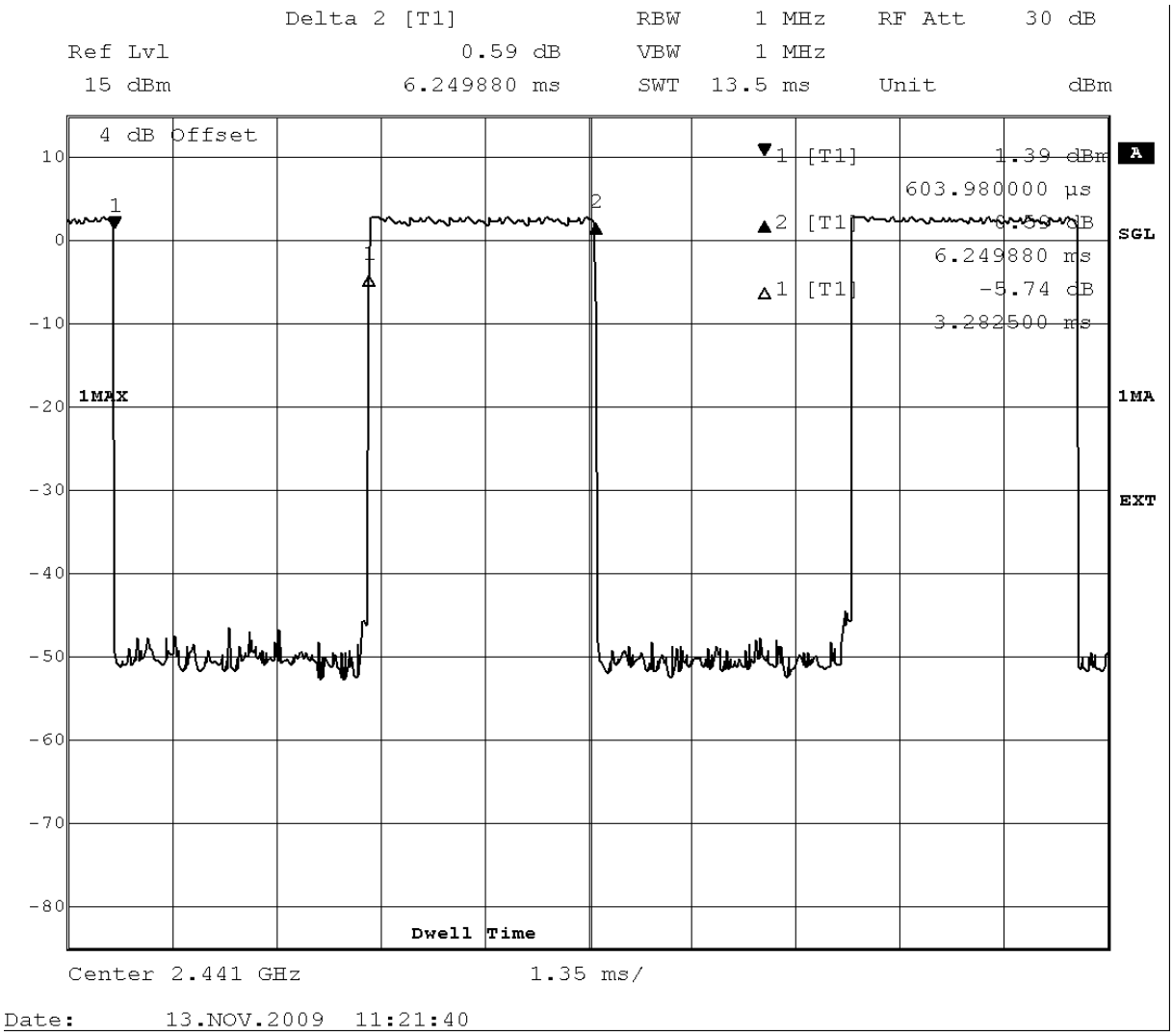


Radiated measurement (higher band edge)

7.5 Dwell time

Op. Mode

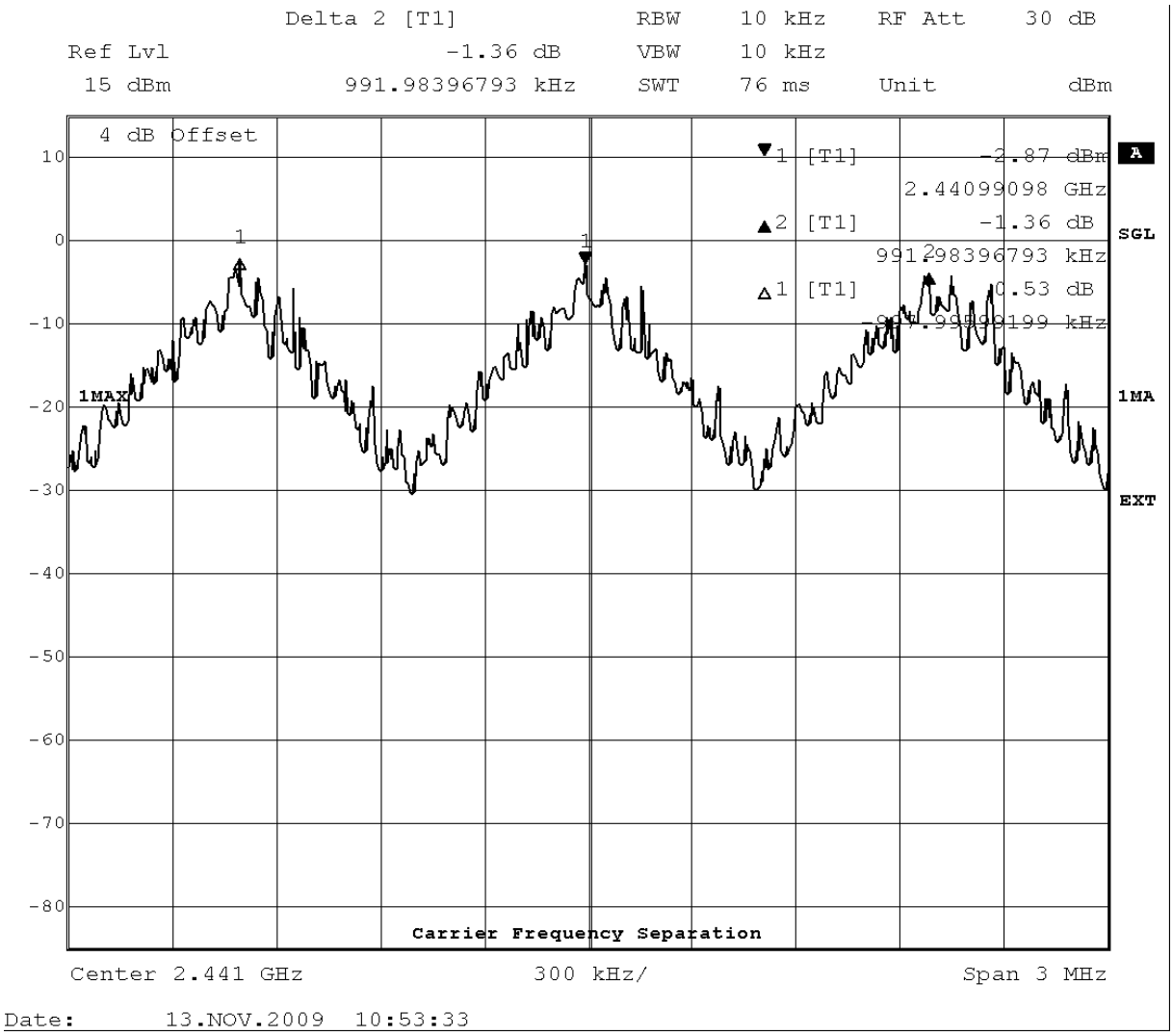
op-mode 7 Time slot measurement of a DH5 packet



7.6 Channel separation

Op. Mode

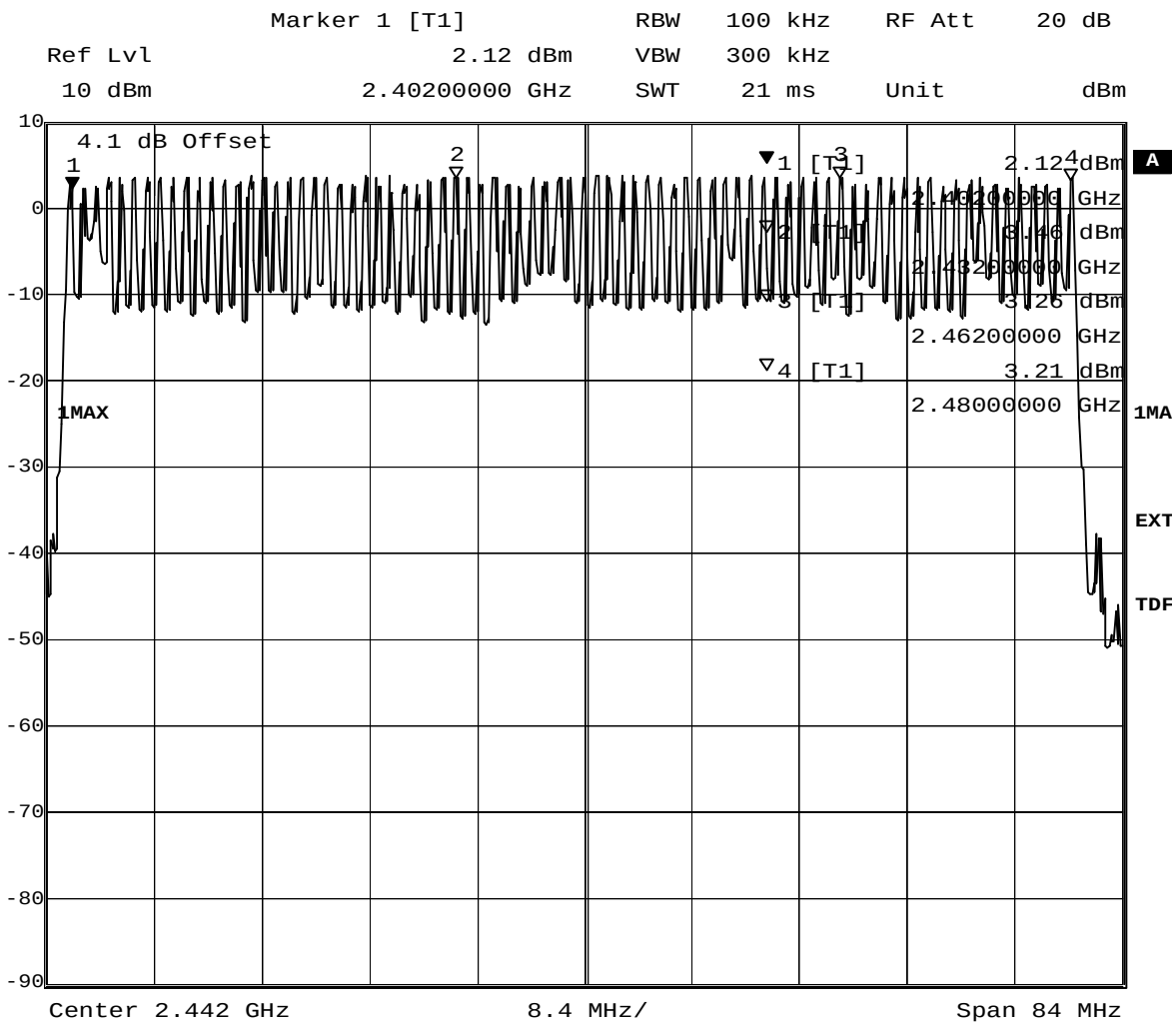
op-mode 4



7.7 Number of hopping frequencies

Op. Mode

op-mode 4



Title: Number of hopping frequencies
Comment A: CH H: Hopping
Date: 13.NOV.2009 15:50:49