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Appendix 1

Test Results

Disturbance Voltage on AC Mains

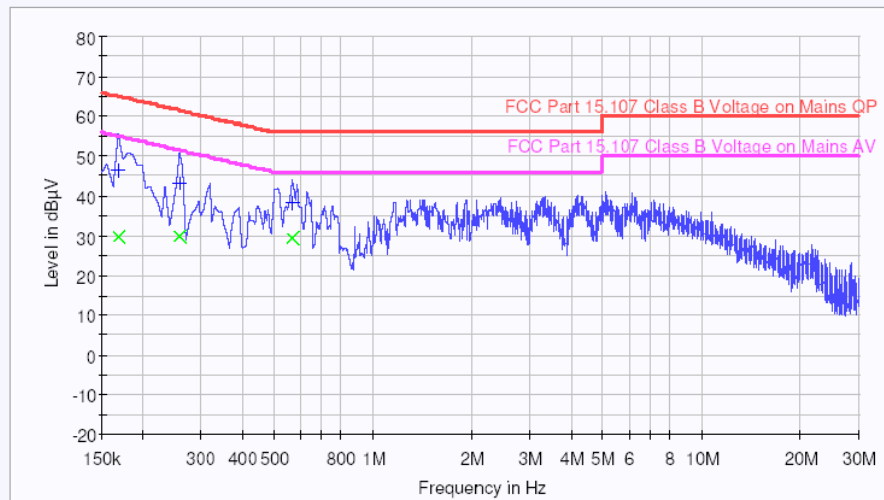
TUV Rheinland Hong Kong Limited

Continuous Disturbance

Test Information

EUT Name:	Avantwave BTHS
Serial Number:	RX101 (00090610121-1)
Test Description:	FCC part15
Operating Conditions:	op mode
Operator Name:	Tony yeung
Comment:	100V 60Hz
Description:	L1

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



Result Table Single

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
0.168000	46.2	29.8
0.258000	43.1	29.9
0.570000	38.2	29.3

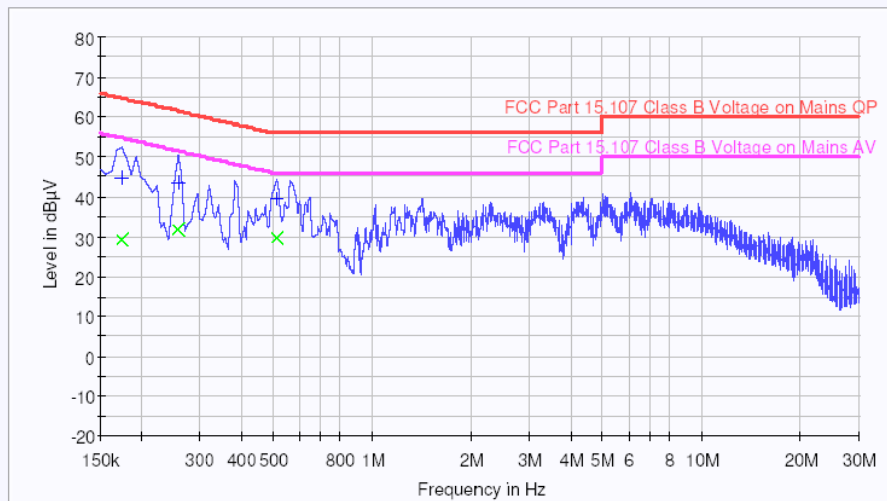
TÜV Rheinland Hong Kong Limited

Continuous Disturbance

Test Information

EUT Name:	Avantwave BTBS
Serial Number:	RX101 (00090610121-1)
Test Description:	FCC part15
Operating Conditions:	op mode
Operator Name:	Tony yeung
Comment:	100V 60Hz
Description	N

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

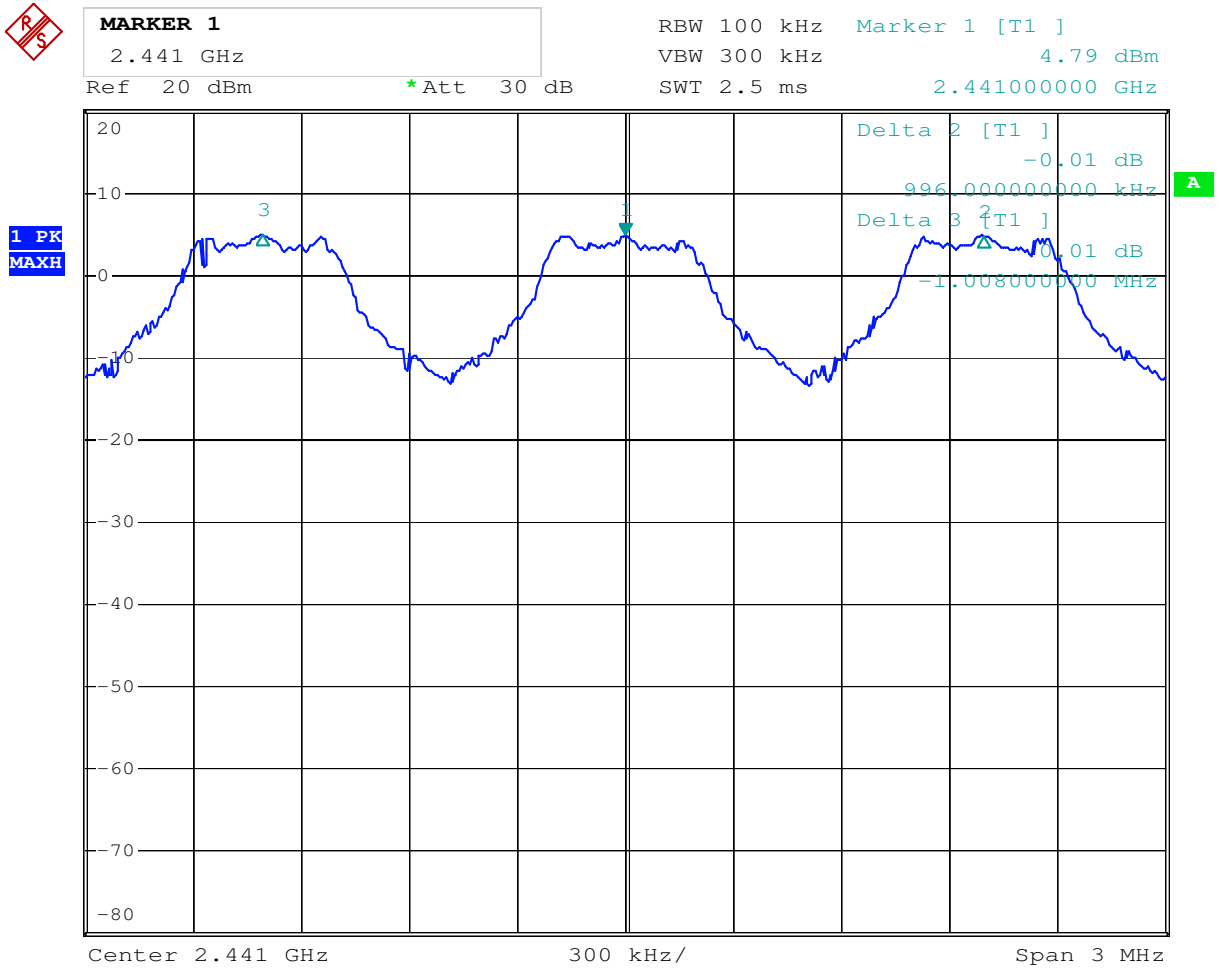


Result Table Single

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
0.174000	44.9	29.4
0.258000	43.6	31.9
0.516000	39.5	29.9

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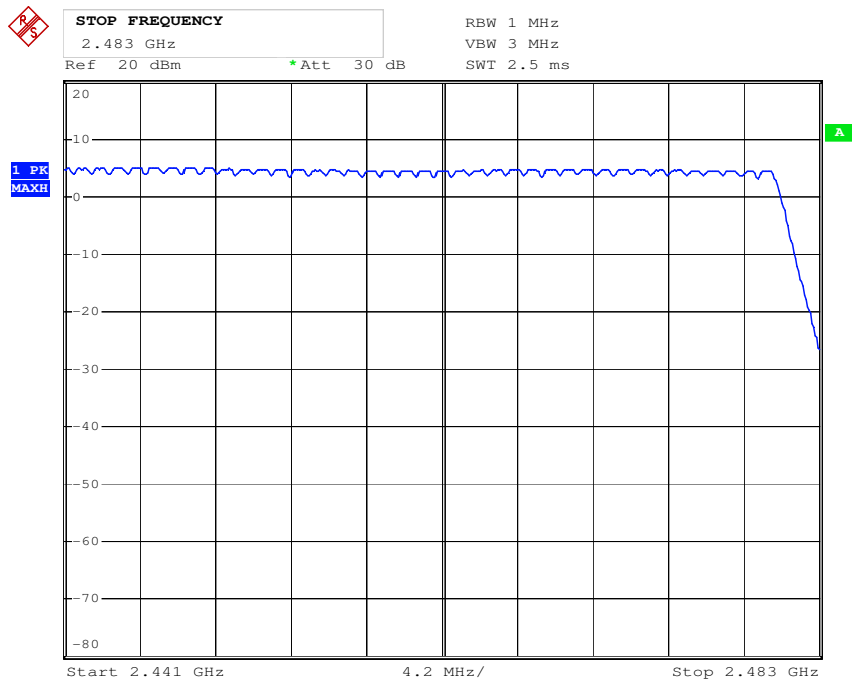
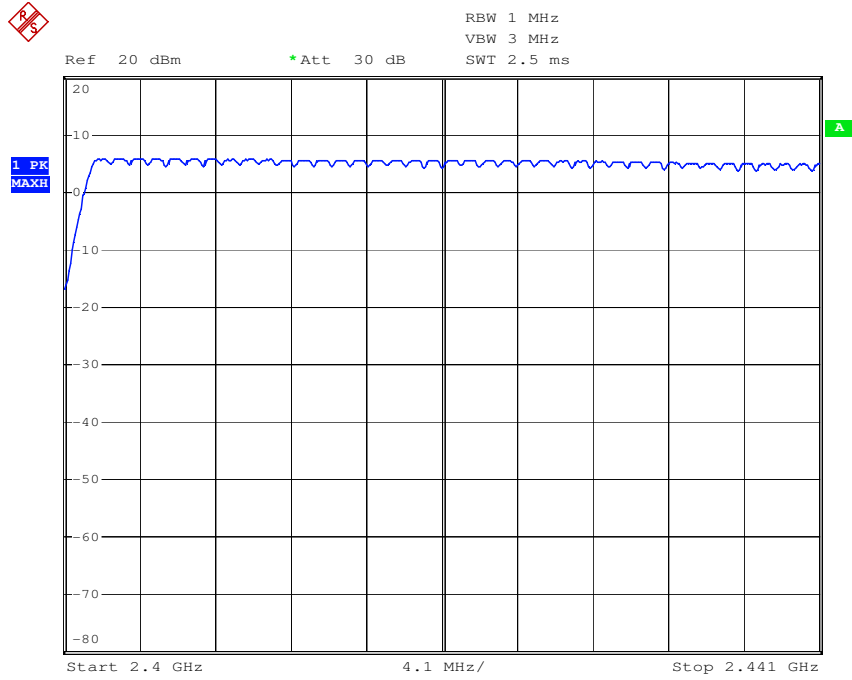
Carrier Frequency Separation



Date: 11.JUN.2009 11:08:00

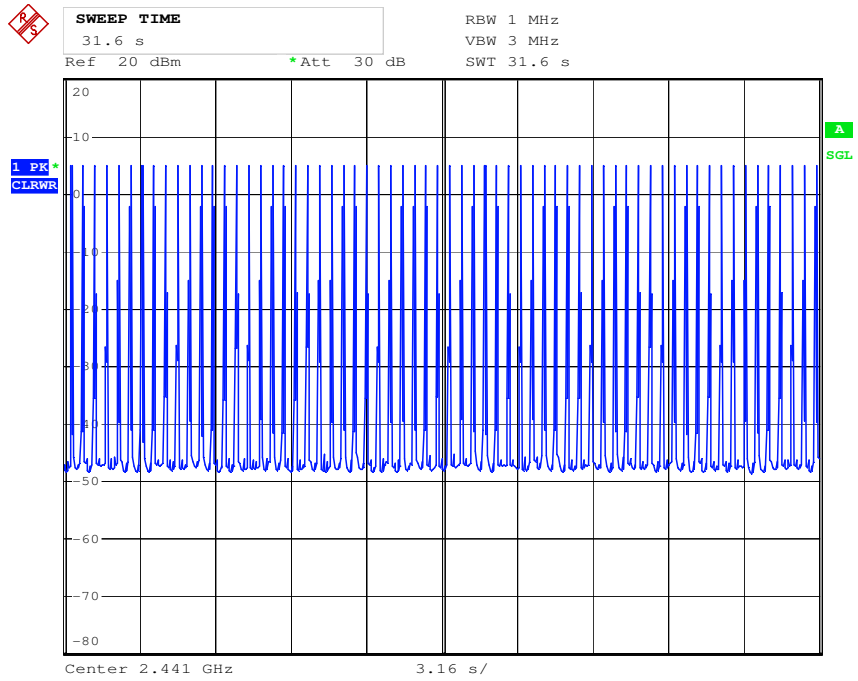
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Number of hopping channels



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Dwell Time



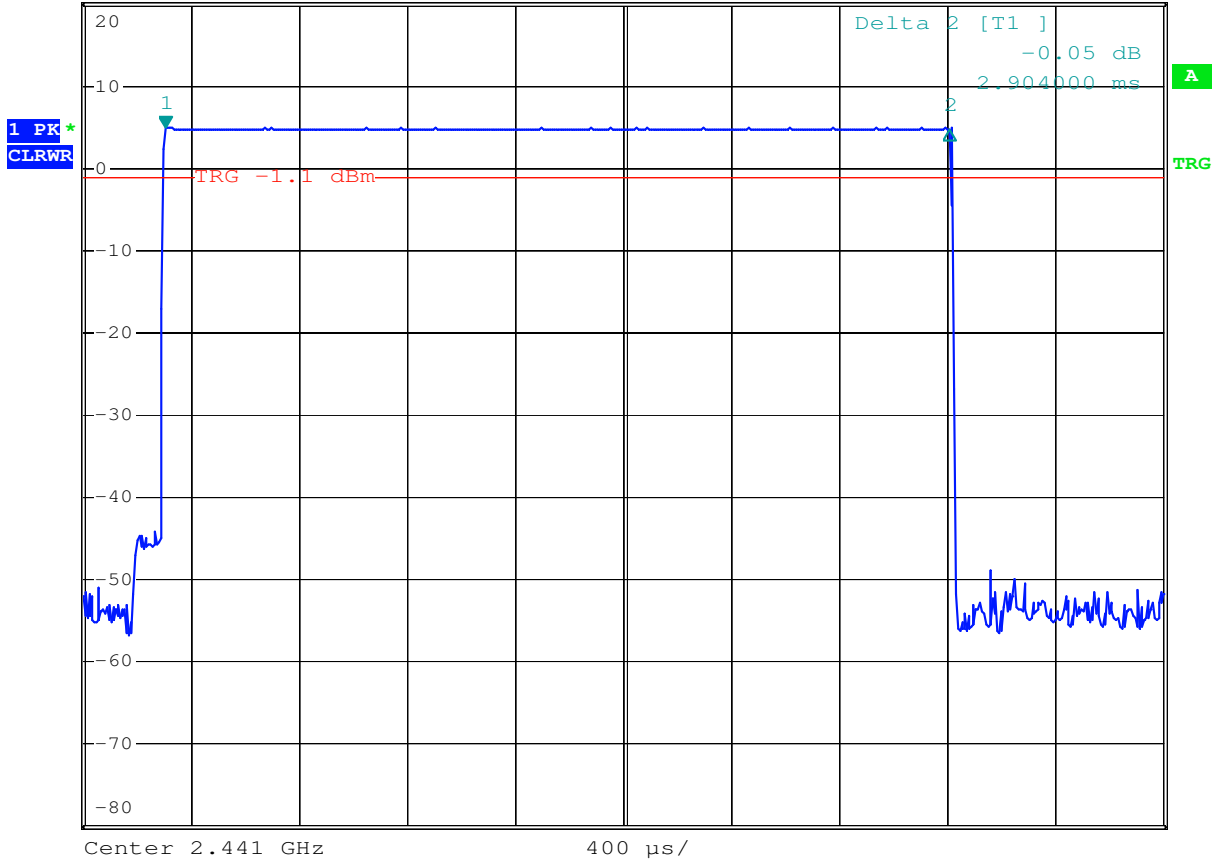
Date: 11.JUN.2009 11:15:40

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MARKER 1
 6.5 μ s
 Ref 20 dBm *Att 30 dB

RBW 1 MHz Marker 1 [T1]
 VBW 3 MHz 4.79 dBm
 SWT 4 ms 6.500000 μ s

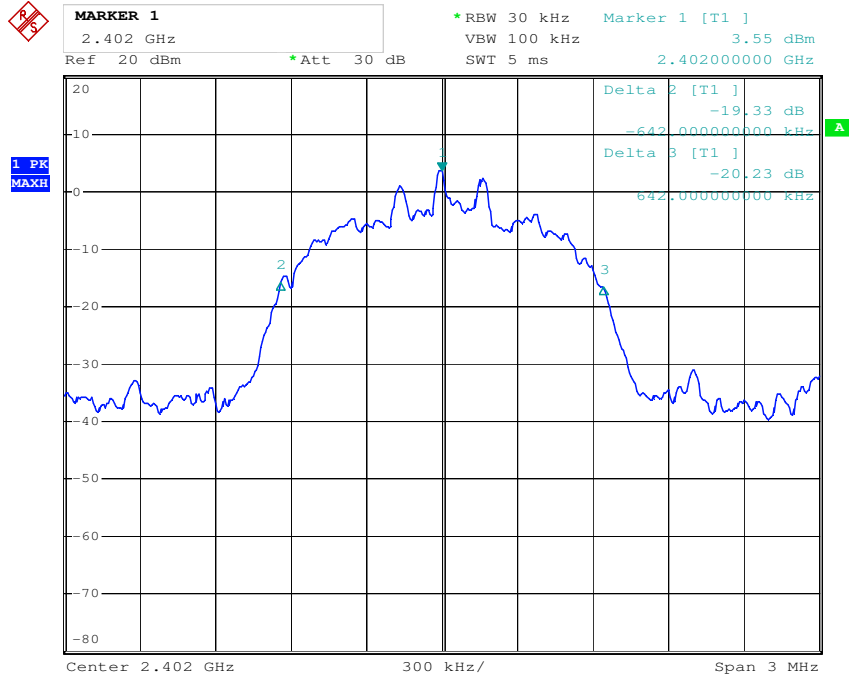


Date: 11.JUN.2009 11:18:10

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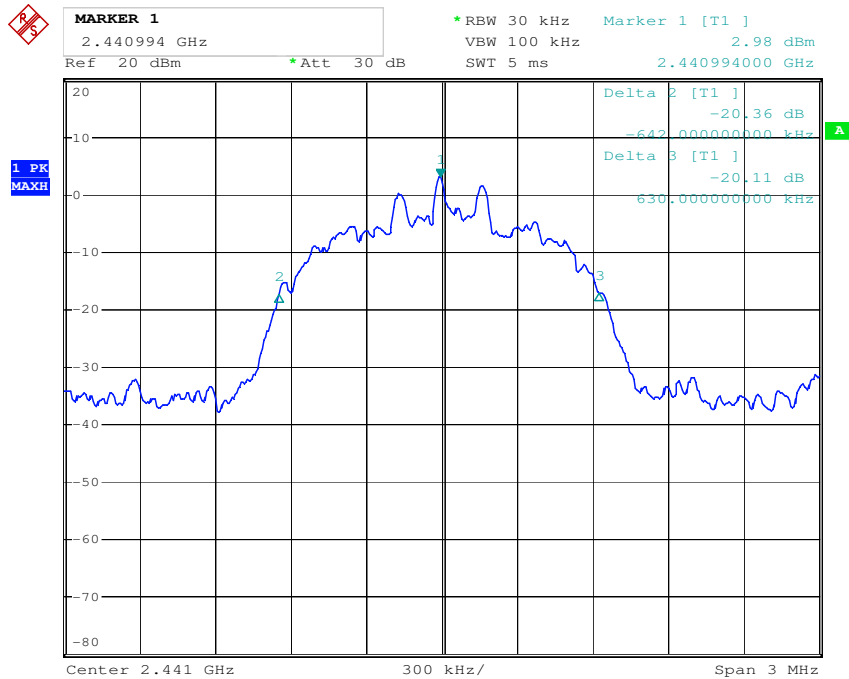
20dB Bandwidth

Tx frequency: 2402MHz



Date: 11.JUN.2009 11:21:26

Tx frequency: 2441MHz



Date: 11.JUN.2009 11:23:06

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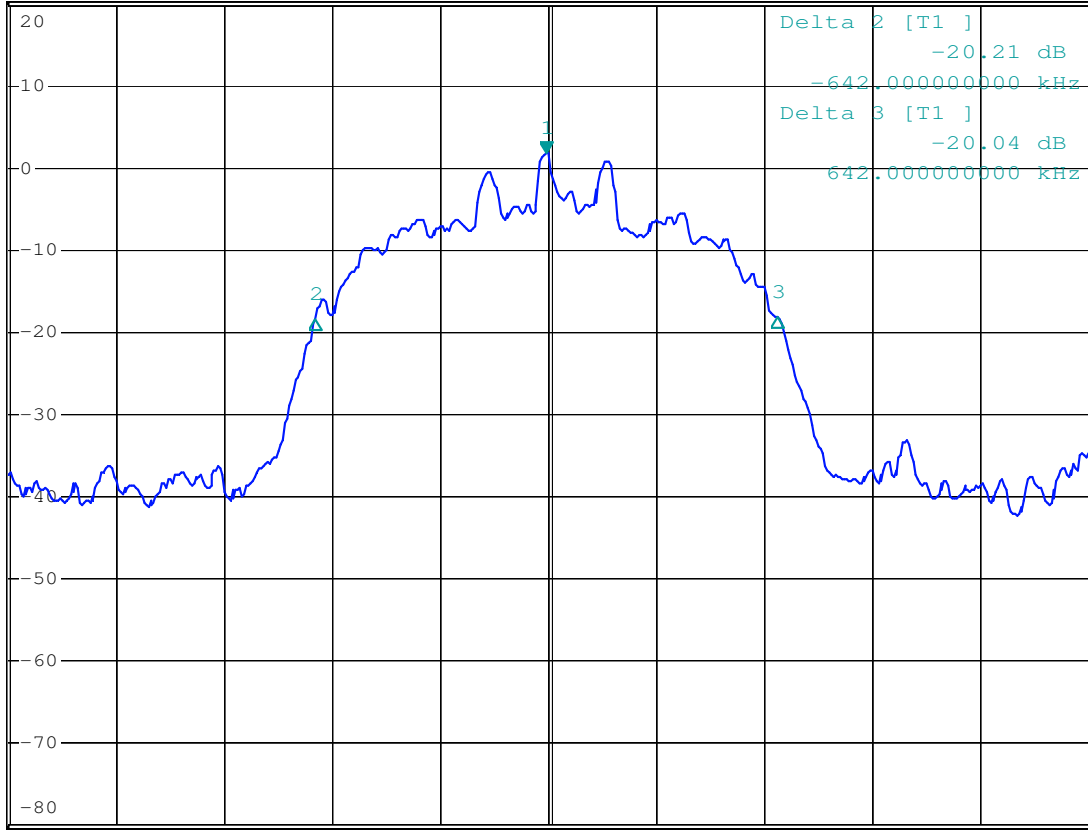
Tx frequency: 2480MHz



MARKER 1
 2.479994 GHz
 Ref 20 dBm *Att 30 dB

*RBW 30 kHz Marker 1 [T1]
 VBW 100 kHz 1.89 dBm
 SWT 5 ms 2.479994000 GHz

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Delta 2 [T1]
 -20.21 dB
 -642.000000000 kHz
 Delta 3 [T1]
 -20.04 dB
 642.000000000 kHz

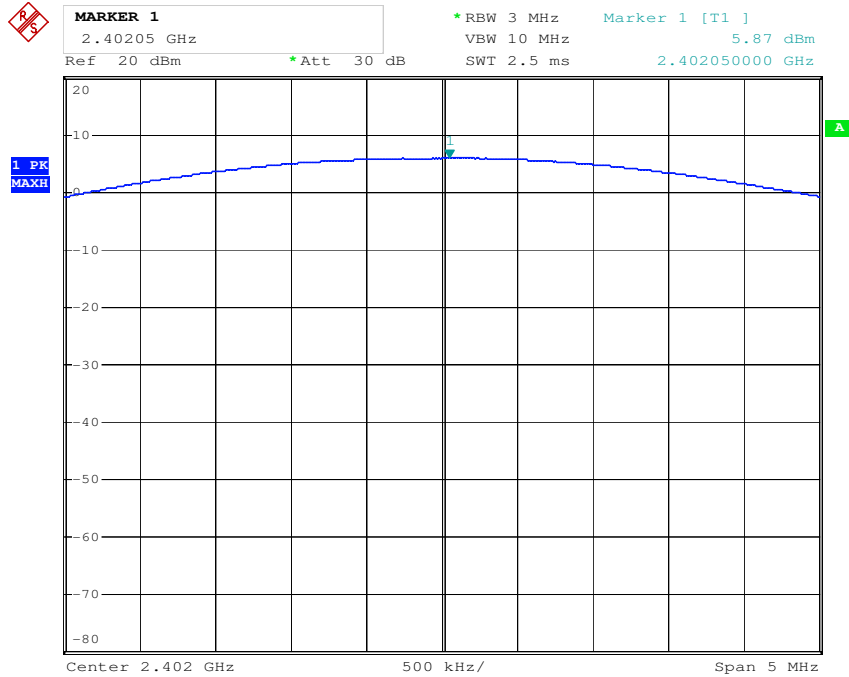
Center 2.48 GHz 300 kHz/ Span 3 MHz

Date: 11.JUN.2009 11:24:11

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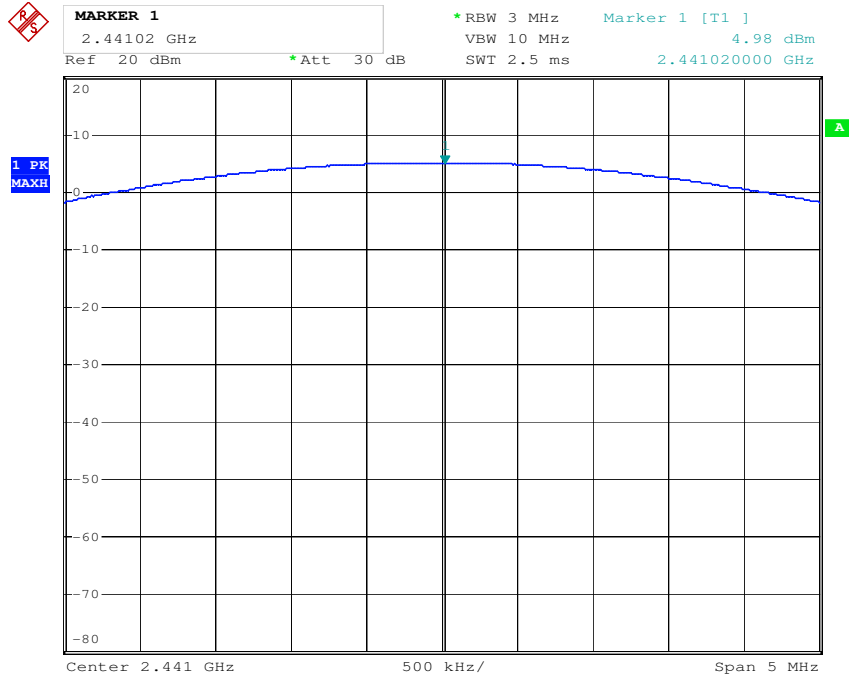
Peak Output Power

Modulation: GFSK
Tx frequency: 2402MHz



Date: 11.JUN.2009 11:32:26

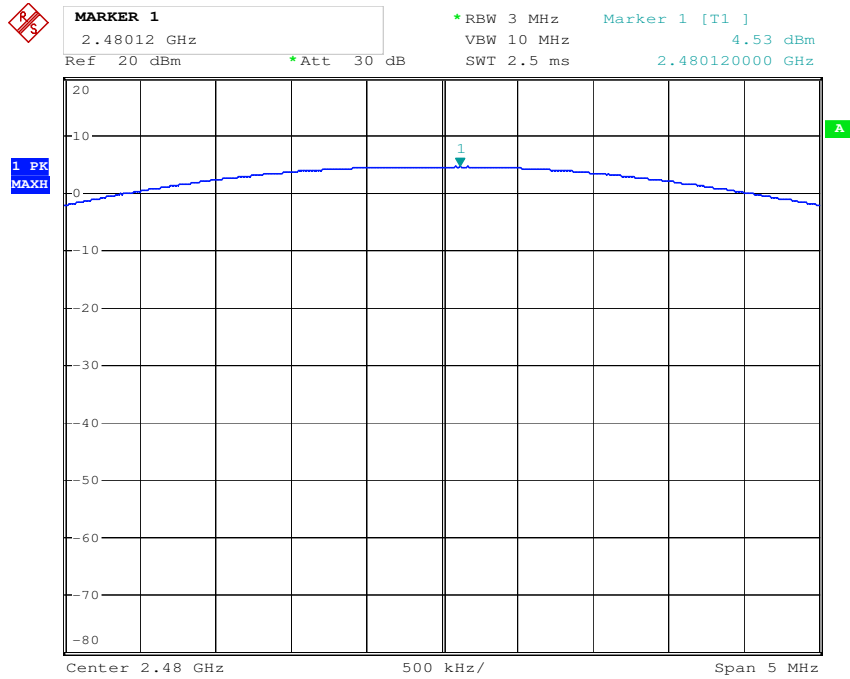
Modulation: GFSK
Tx frequency: 2441MHz



Date: 11.JUN.2009 11:28:44

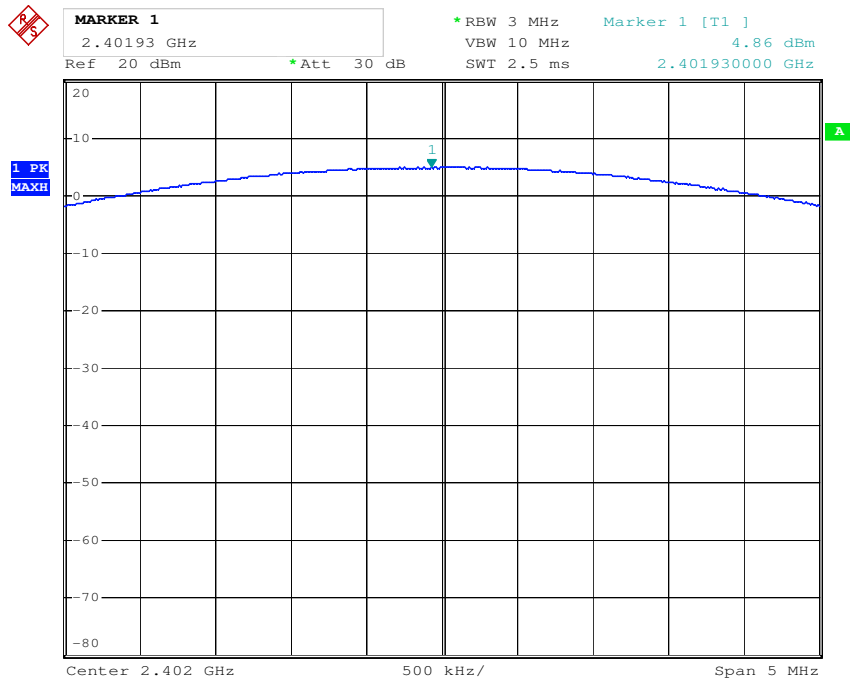
www.tuv.com

Modulation: GFSK
Tx frequency: 2480MHz



Date: 11.JUN.2009 11:28:10

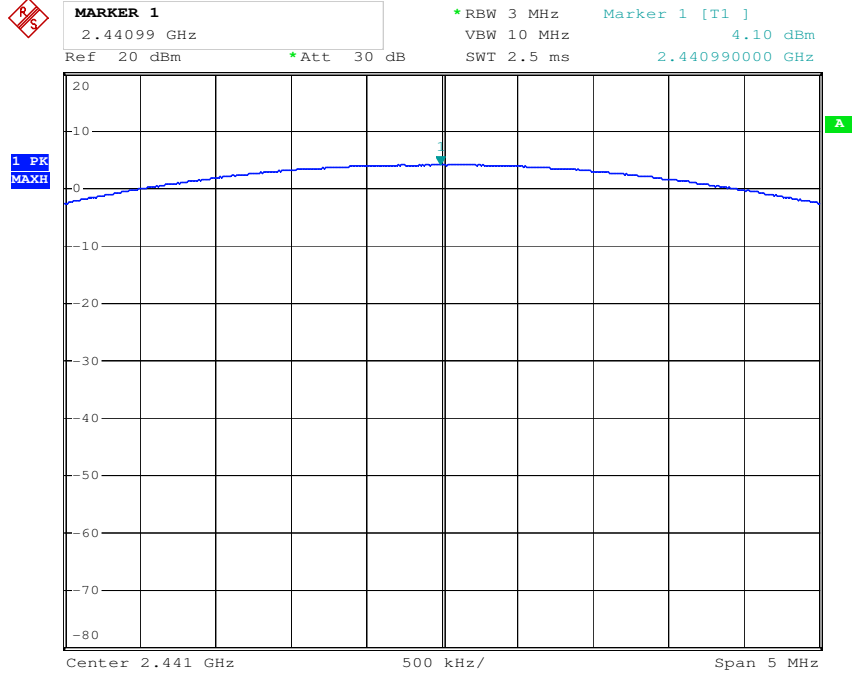
Modulation: Pi/4 DQPSK
Tx frequency: 2402MHz



Date: 11.JUN.2009 11:31:19

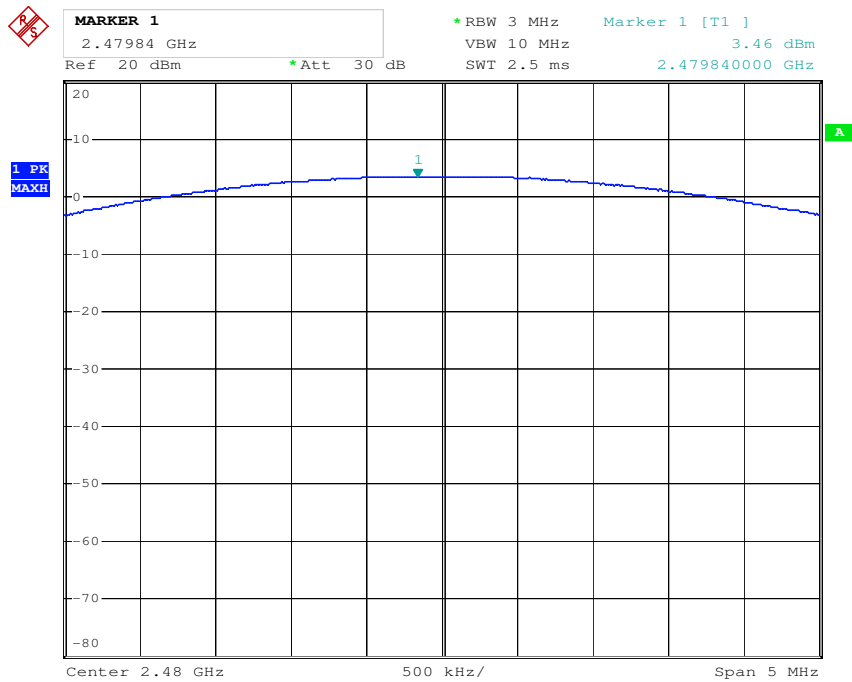
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Modulation: Pi/4 DQPSK
Tx frequency: 2441MHz



Date: 11.JUN.2009 11:29:36

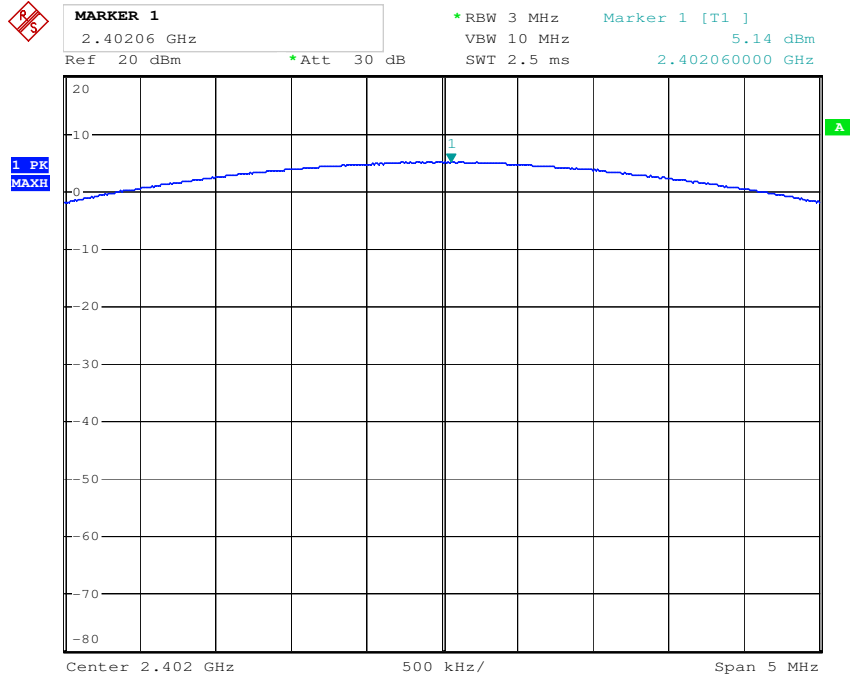
Modulation: Pi/4 DQPSK
Tx frequency: 2480MHz



Date: 11.JUN.2009 11:27:33

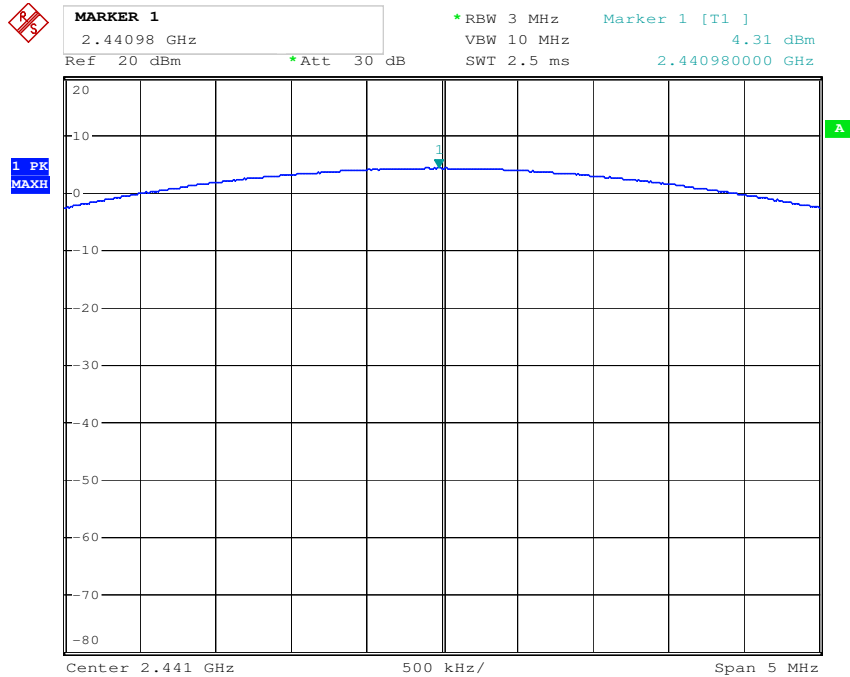
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Modulation: 8 DPSK
Tx frequency: 2402MHz



Date: 11.JUN.2009 11:30:39

Modulation: 8 DPSK
Tx frequency: 2441MHz



Date: 11.JUN.2009 11:30:07

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Modulation: 8 DPSK
Tx frequency: 2480MHz

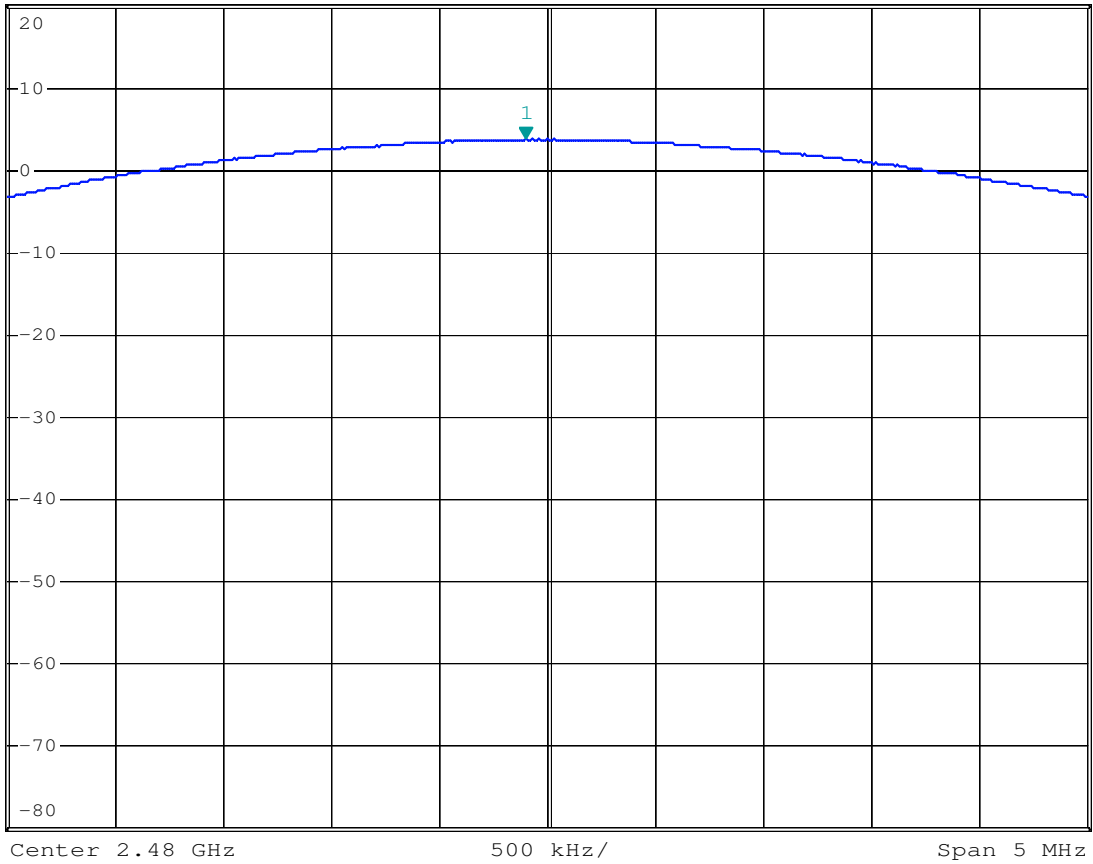


MARKER 1
2.4799 GHz

*RBW 3 MHz Marker 1 [T1]
VBW 10 MHz 3.73 dBm
SWT 2.5 ms 2.479900000 GHz

Ref 20 dBm *Att 30 dB

1 PK
MAXH

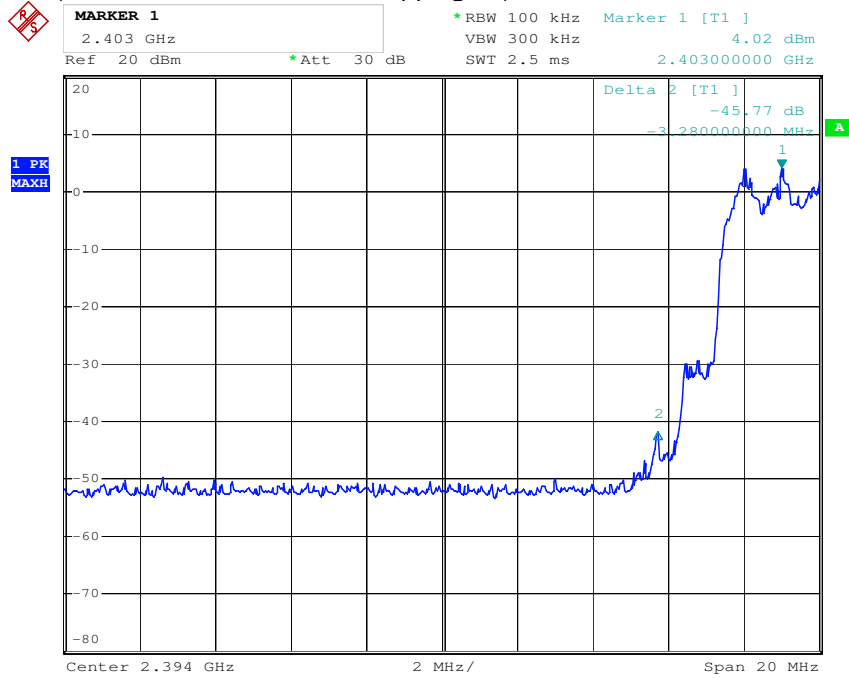


Date: 11.JUN.2009 11:26:37

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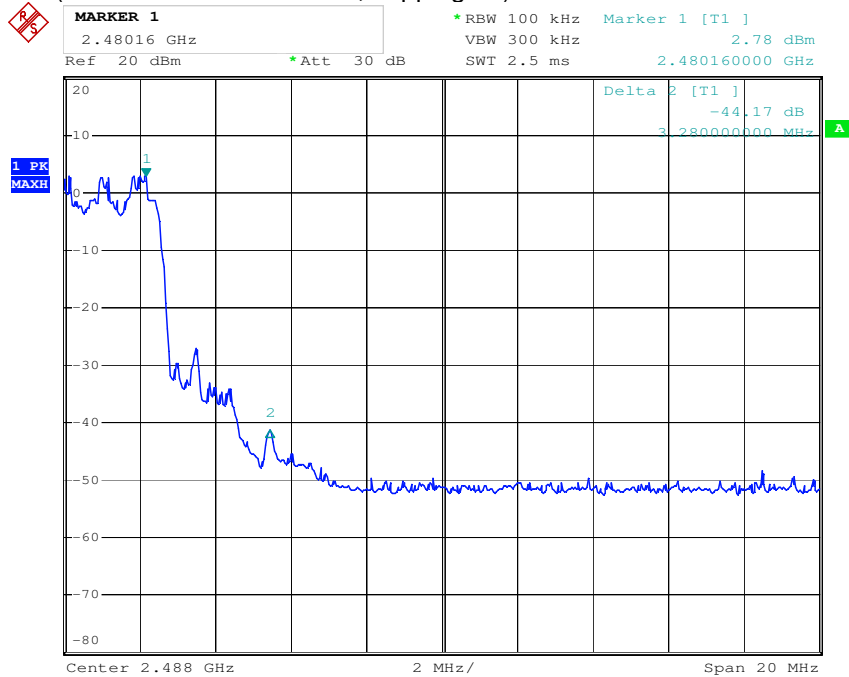
Band Edge Compliance

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



Date: 11.JUN.2009 11:37:19

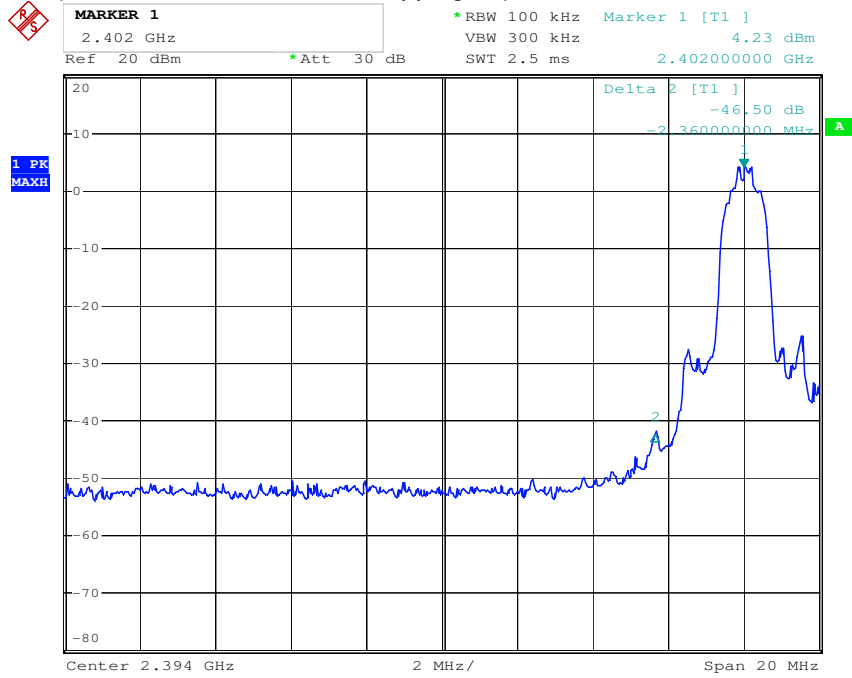
Tx frequency: 2480MHz (conducted measurement; hopping on)



Date: 11.JUN.2009 11:44:46

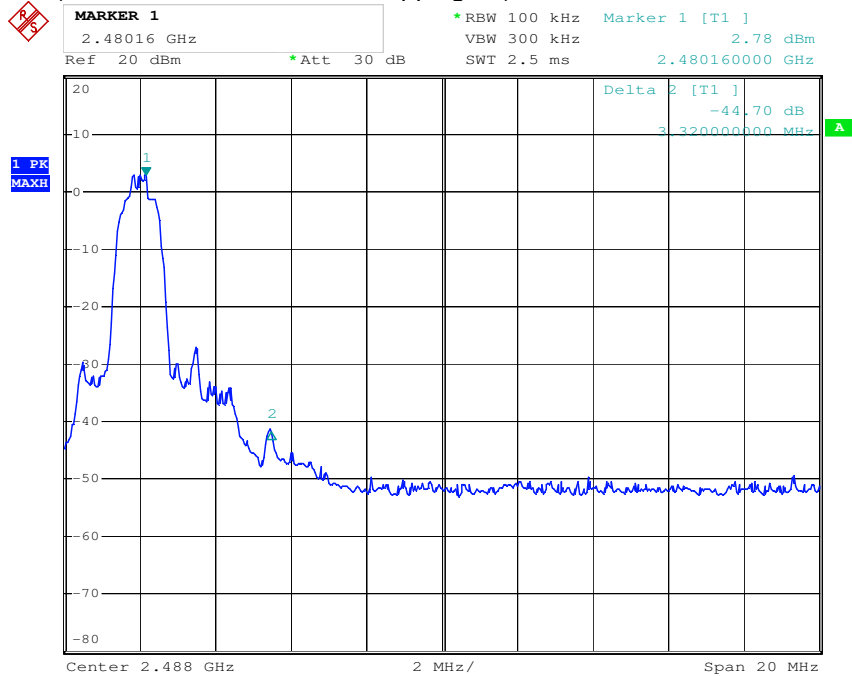
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Tx frequency: 2402MHz (conducted measurement; hopping off)



Date: 11.JUN.2009 11:38:33

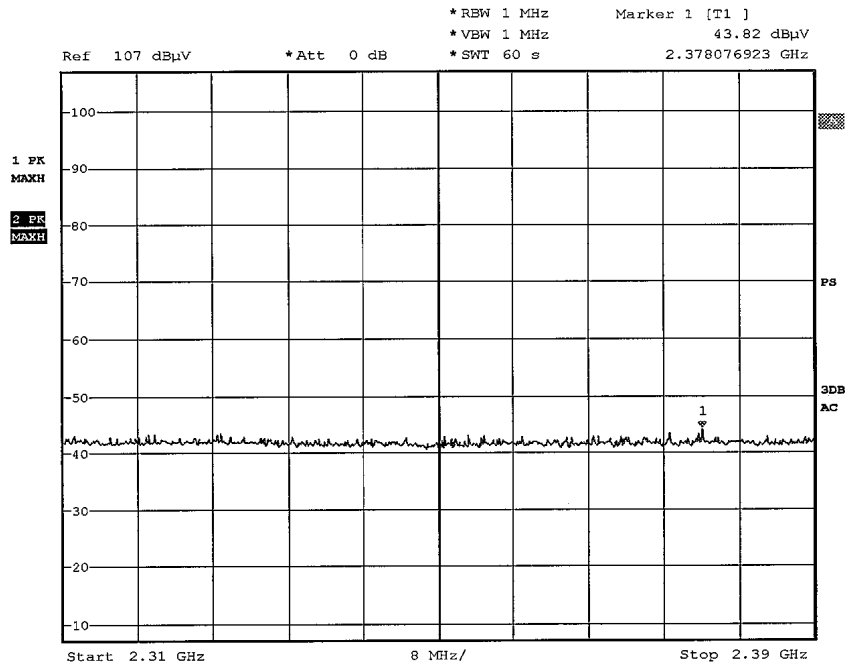
Tx frequency: 2480MHz (conducted measurement; hopping off)



Date: 11.JUN.2009 11:41:23

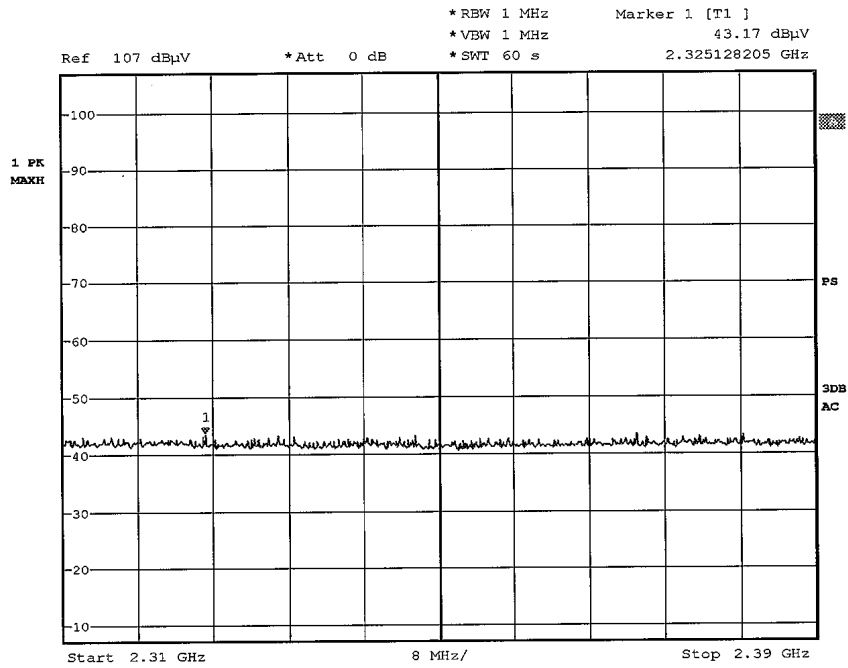
www.tuv.com

Tx frequency: 2402MHz (radiated measurement)



AVANTWAVE / BTHS / RX101 / 00090610121 / VERT. / 2402MHz
 Date: 17.JUN.2009 19:31:44

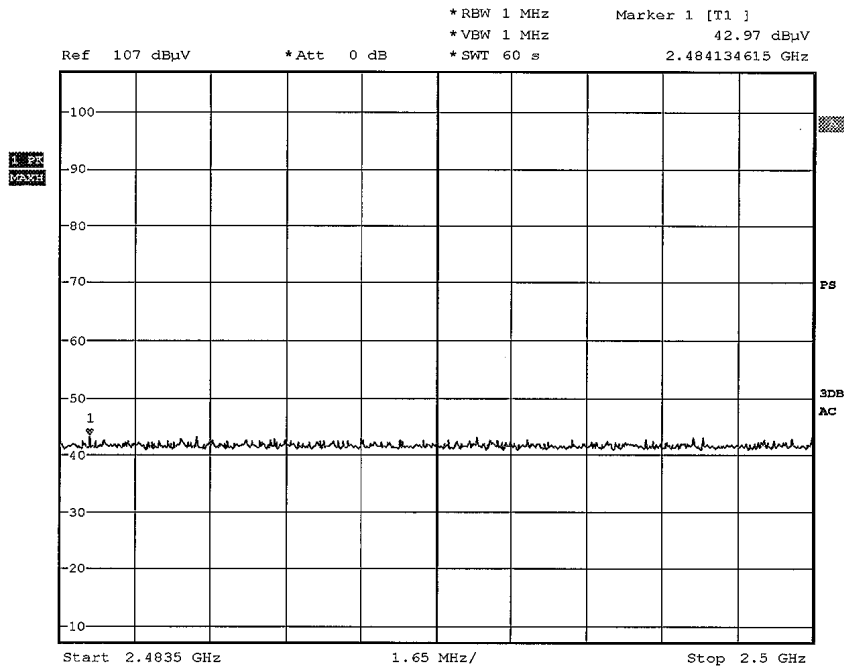
www.tuv.com



AVANTWAVE / BTHS / RX101 / 00090610121 / HORI. / 2402MHz
 Date: 17.JUN.2009 19:30:17

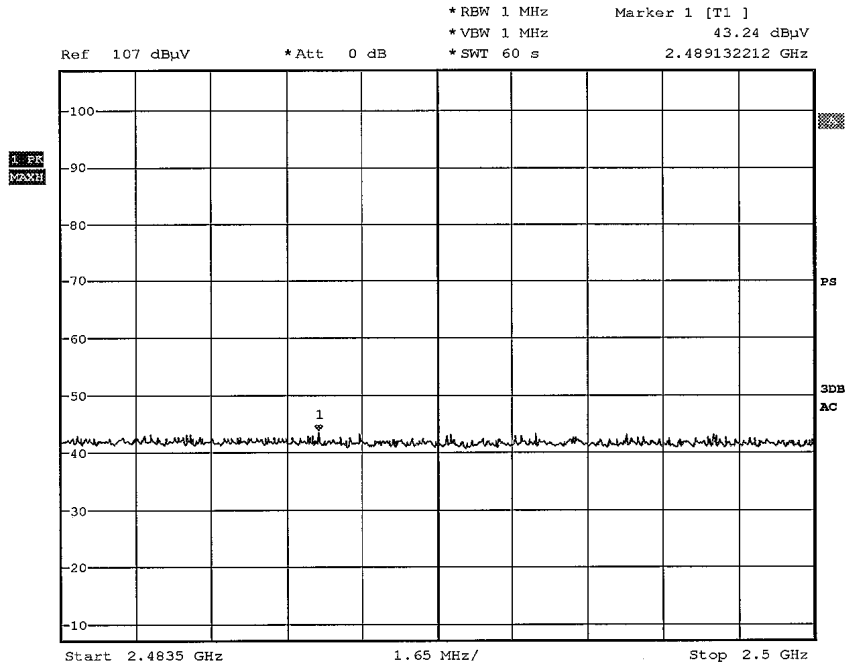
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Tx frequency: 2480MHz (radiated measurement)



AVANTWAVE / BTHS / RX101 / 00090610121 / VERT. / 2480MHz
Date: 17.JUN.2009 19:36:14

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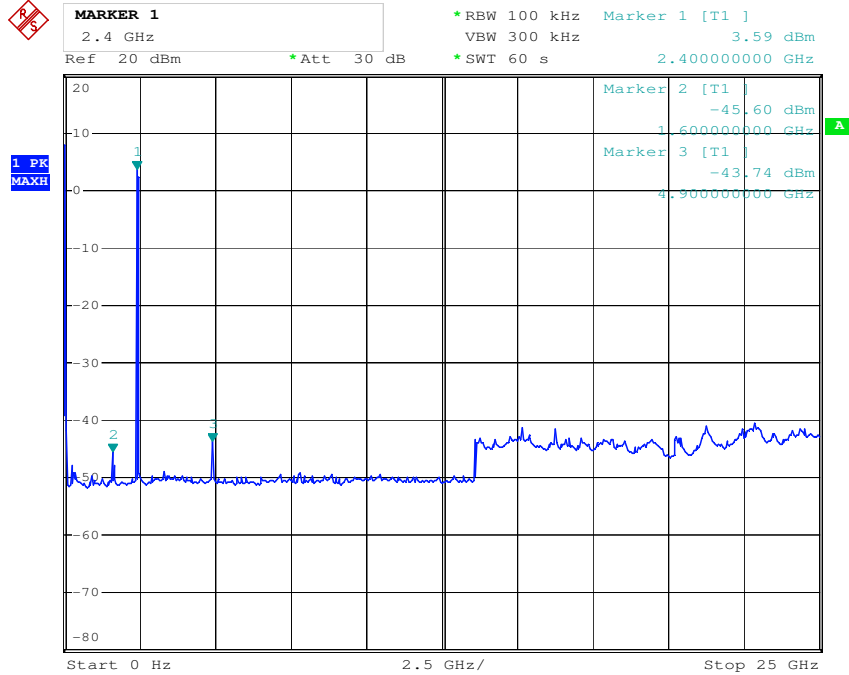


AVANTWAVE / BTHS / RX101 / 00090610121 / HORI. / 2480MHz
 Date: 17.JUN.2009 19:35:11

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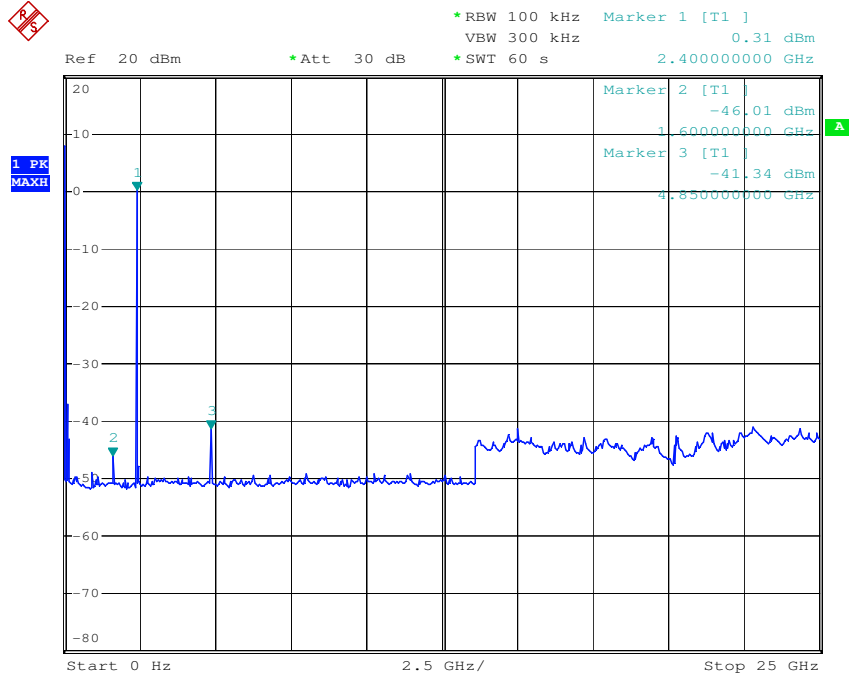
Spurious Emissions - Conducted

Tx frequency: 2402MHz



Date: 11.JUN.2009 11:49:47

Tx frequency: 2441MHz



Date: 11.JUN.2009 11:59:27

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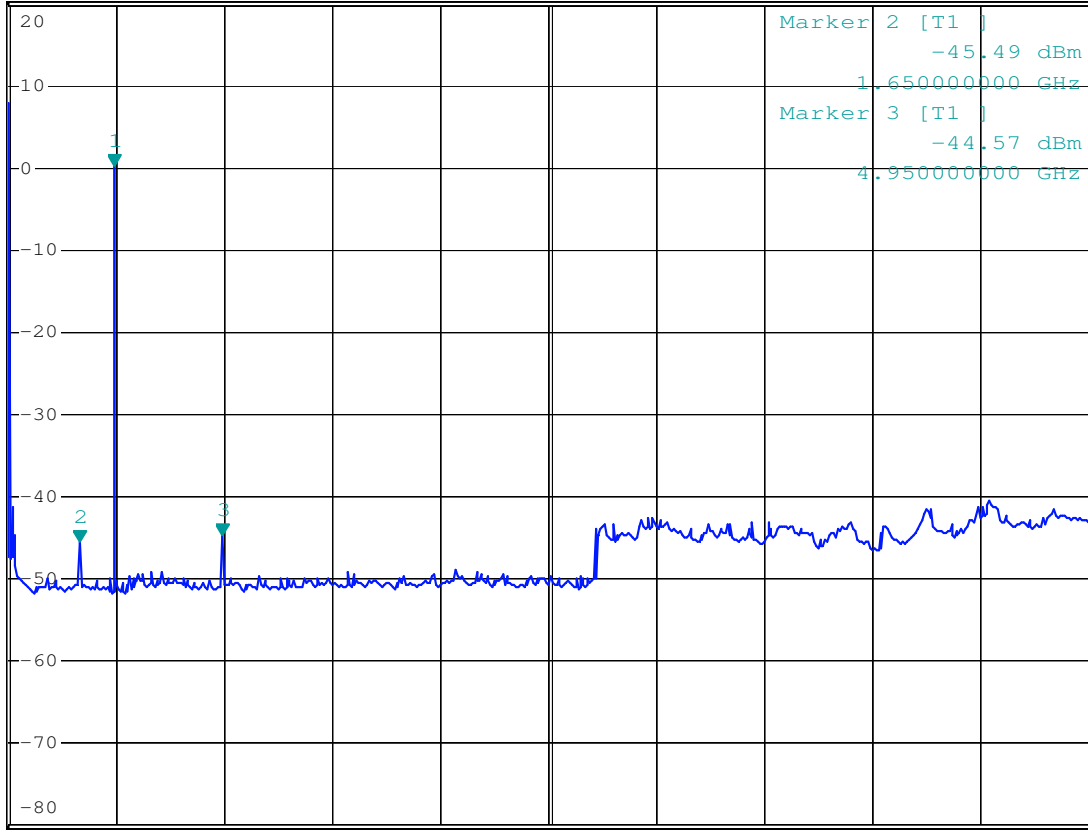
Tx frequency: 2480MHz



MARKER 1
 2.45 GHz
 Ref 20 dBm *Att 30 dB

*RBW 100 kHz Marker 1 [T1]
 VBW 300 kHz 0.13 dBm
 *SWT 60 s 2.450000000 GHz

1 PK
 MAXH



Start 0 Hz 2.5 GHz/ Stop 25 GHz

Date: 11.JUN.2009 12:02:55