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Appendix 1

Test Results

Disturbance Voltage on AC Mains

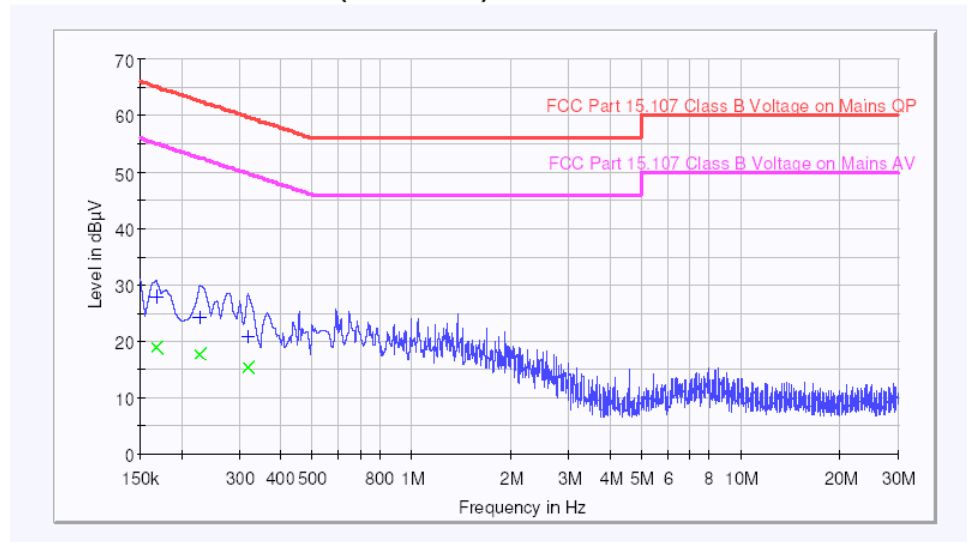
TUV Rheinland Hong Kong Limited

Continuous Disturbance

Test Information

EUT Name:	Sennheiser BTHS
Serial Number:	E2X60(00091028086-004,00091027039-2)
Test Description:	FCC Part 15
Operating Conditions:	Charging Mode
Operator Name:	Samuel Ku
Comment:	100V 60Hz
Description:	CE L1

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



Result Table Single

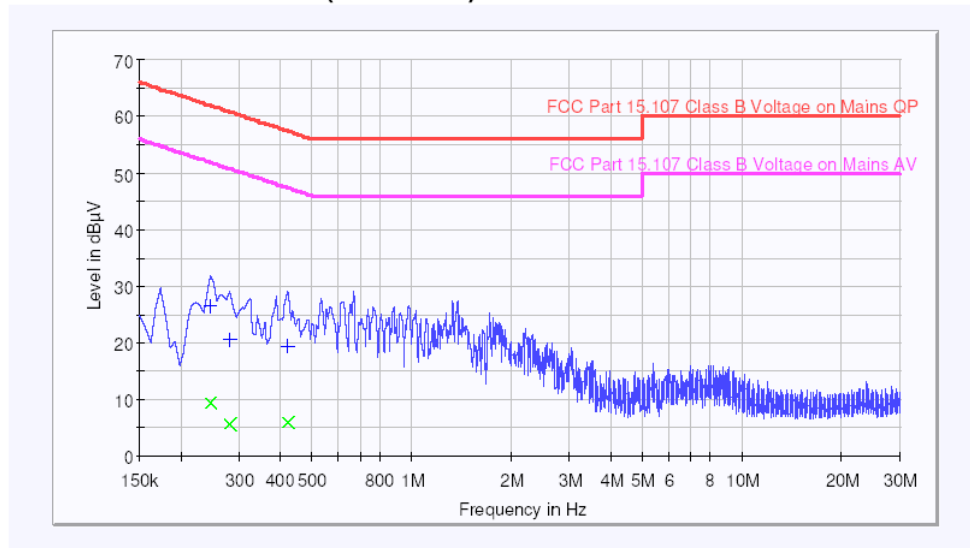
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
0.168000	28.1	19.1
0.228000	24.3	17.9
0.318000	21.0	15.4

Continuous Disturbance

Test Information

EUT Name:	Sennheiser BTHS
Serial Number:	E2X60(00091028086-004,00091027039-2)
Test Description:	FCC Part 15
Operating Conditions:	Charging Mode
Operator Name:	Samuel Ku
Comment:	100V 60Hz
Description:	CE N

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



Result Table_Single

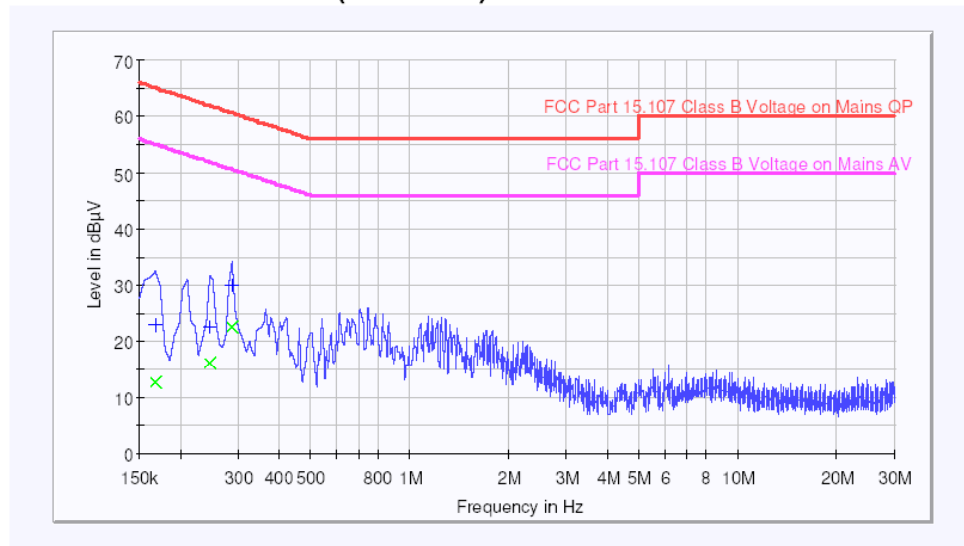
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
0.246000	26.5	9.3
0.282000	20.5	5.7
0.420000	19.6	6.1

Continuous Disturbance

Test Information

EUT Name:	Sennheiser BTHS
Serial Number:	E2X60(00091028086-004,00091027039-2)
Test Description:	FCC Part 15
Operating Conditions:	Charging Mode
Operator Name:	Samuel Ku
Comment:	100V 50Hz
Description:	CE L1

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



Result Table Single

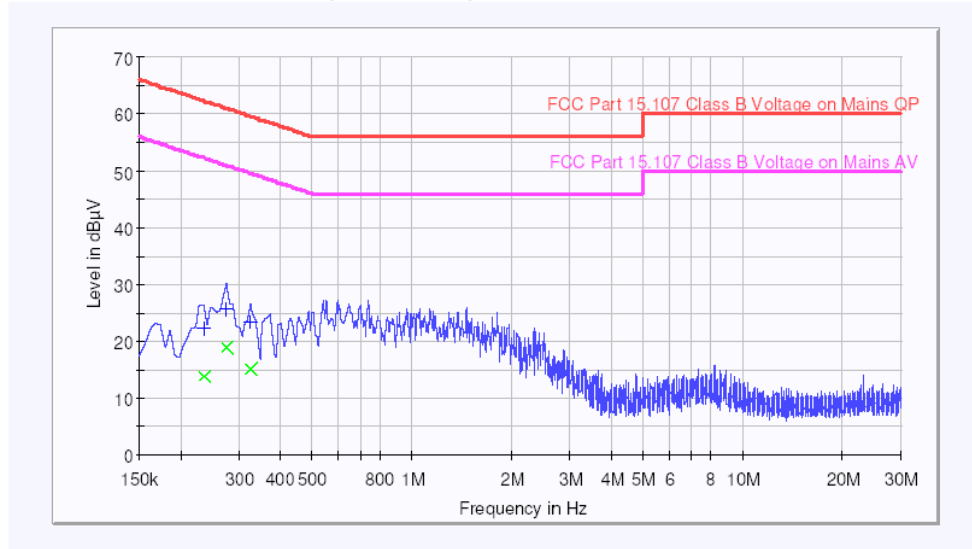
Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
0.288000	30.0	22.7
0.168000	22.9	12.8
0.246000	22.7	16.1

Continuous Disturbance

Test Information

EUT Name:	Sennheiser BTHS
Serial Number:	E2X60(00091028086-004,00091027039-2)
Test Description:	FCC Part 15
Operating Conditions:	Charging Mode
Operator Name:	Samuel Ku
Comment:	100V 50Hz
Description	CEN

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

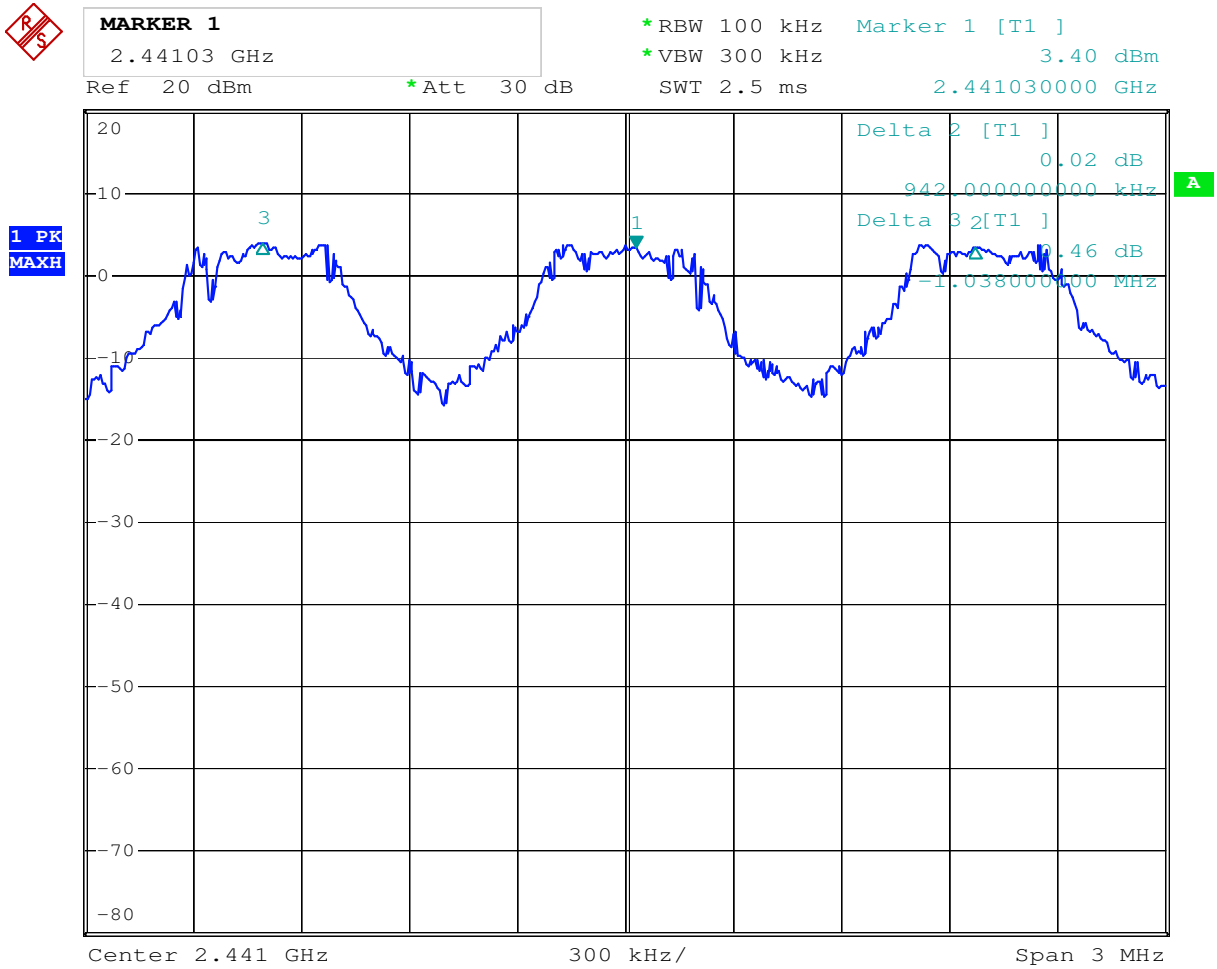


Result Table_Single

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)
0.276000	25.7	18.8
0.234000	22.4	14.0
0.324000	23.7	15.2

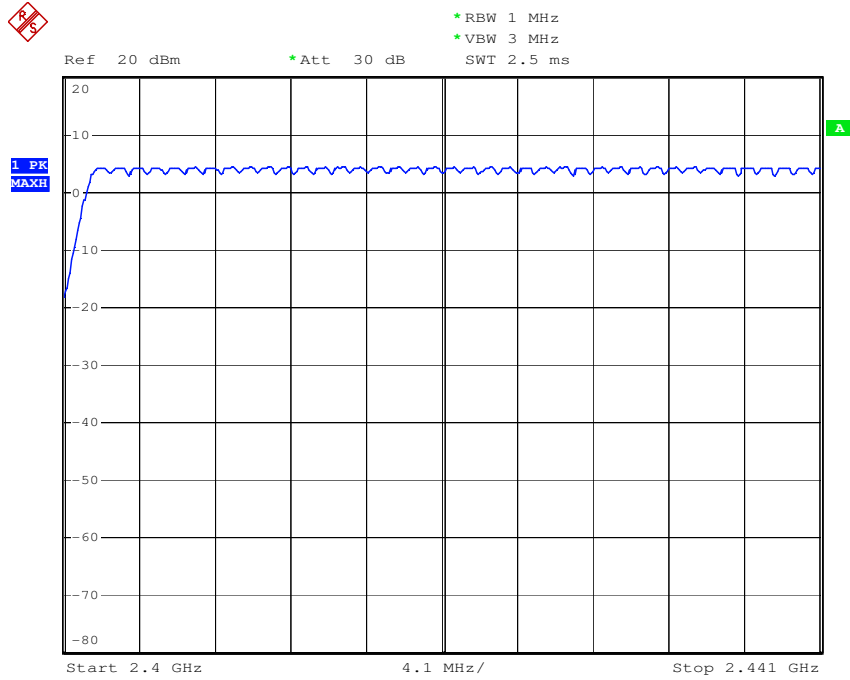
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Carrier Frequency Separation

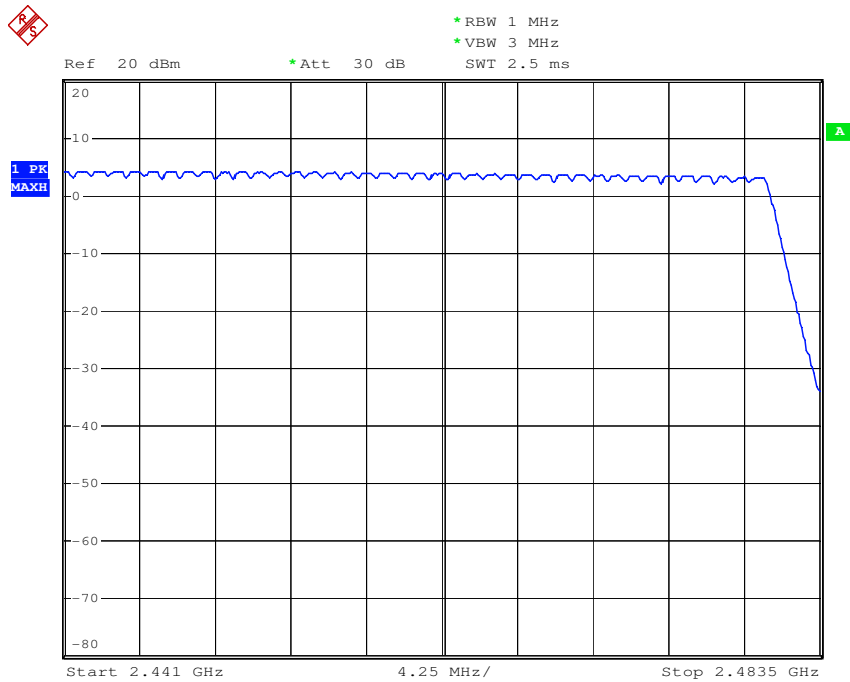


Date: 20.NOV.2009 13:21:56

Number of hopping channels



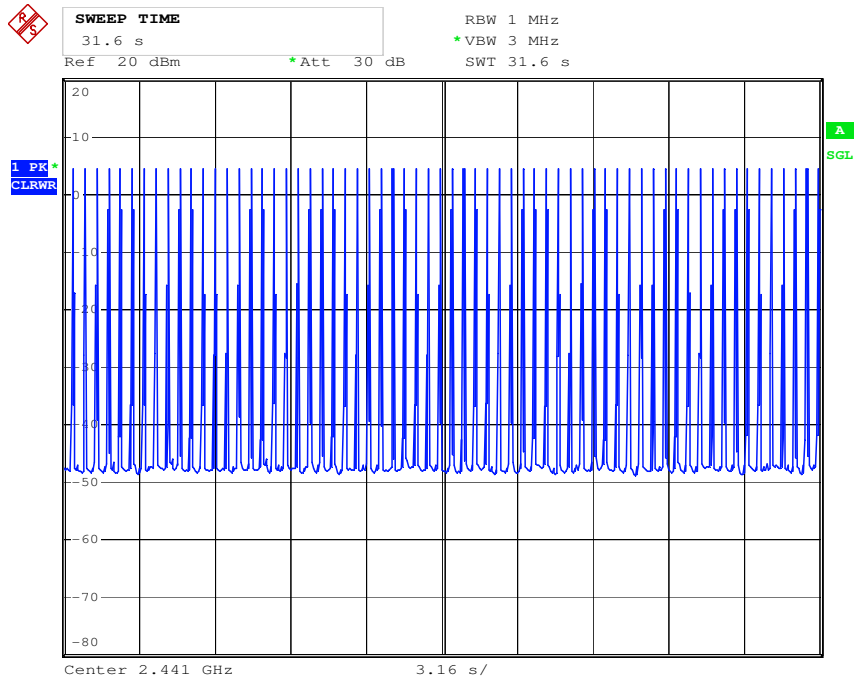
Date: 20.NOV.2009 13:23:41



Date: 20.NOV.2009 13:24:52

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Dwell Time



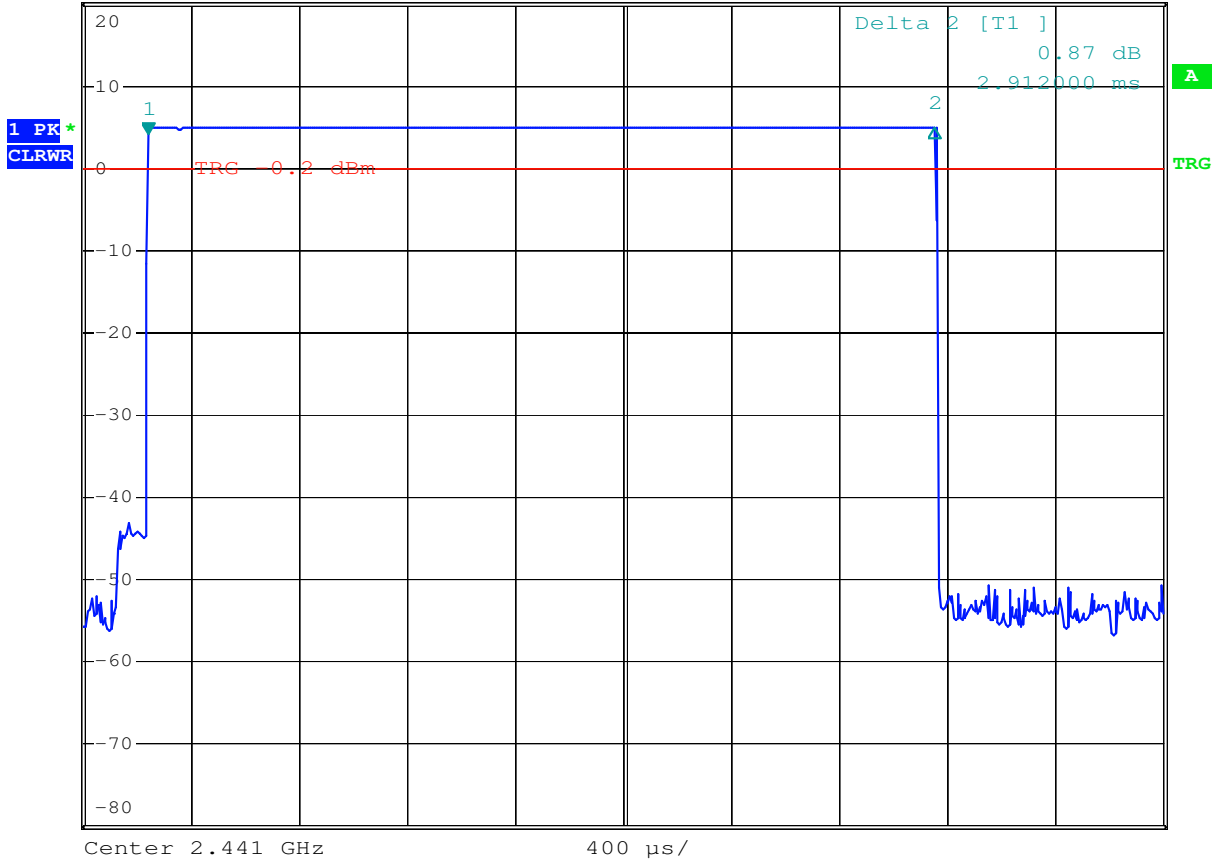
Date: 20.NOV.2009 13:27:51

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MARKER 1
 -3.5 μ s
 Ref 20 dBm *Att 30 dB

RBW 1 MHz Marker 1 [T1]
 *VBW 3 MHz 4.12 dBm
 SWT 4 ms -3.50000 μ s



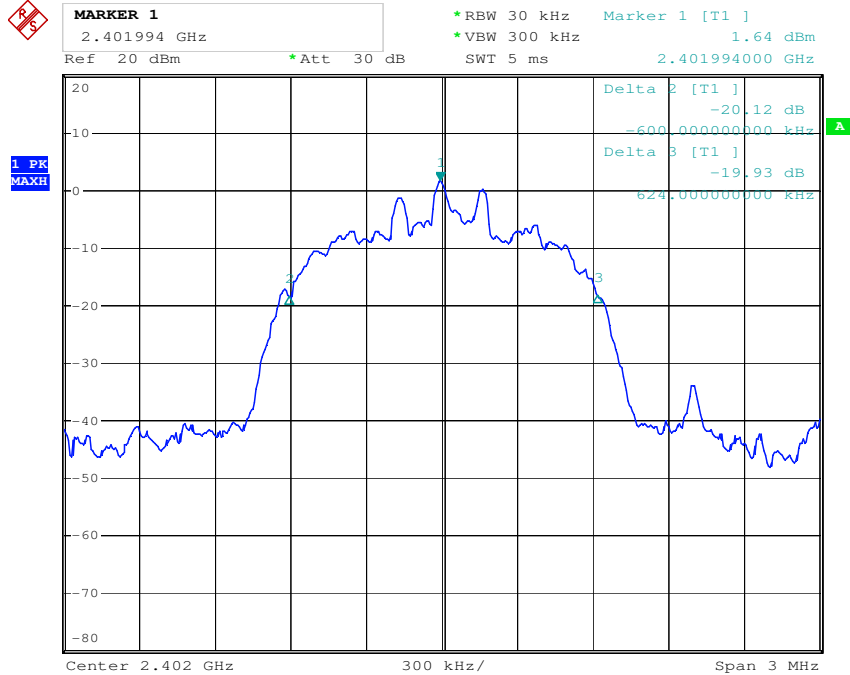
Date: 20.NOV.2009 13:29:47

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20dB Bandwidth

Modulation: 8 DPSK

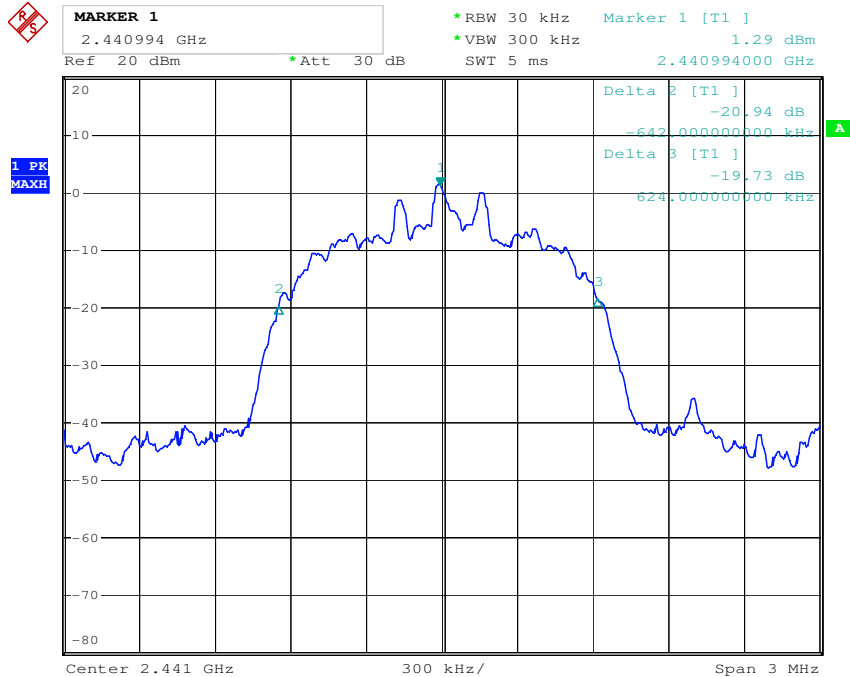
Tx frequency: 2402MHz



Date: 20.NOV.2009 13:46:44

Modulation: 8 DPSK

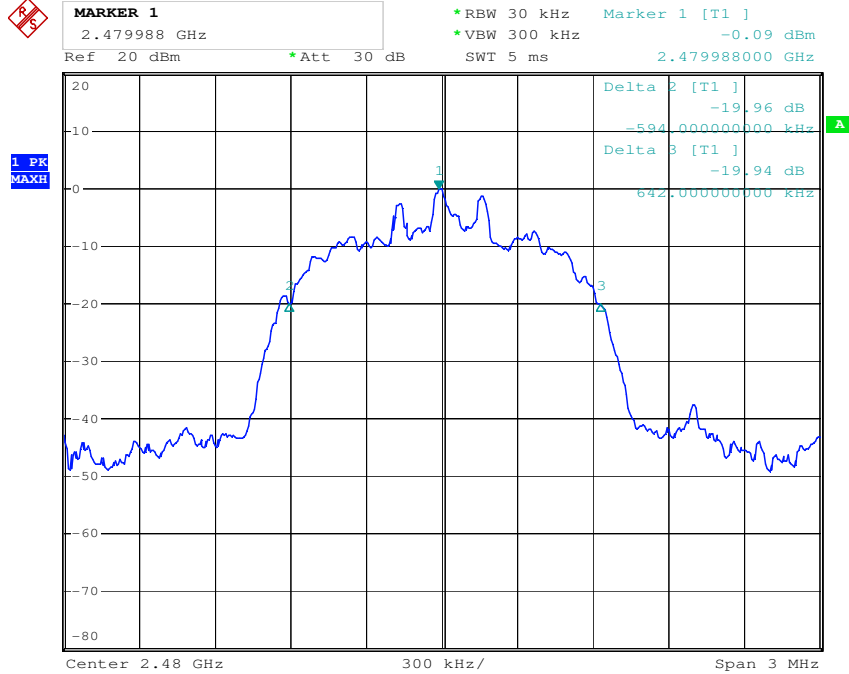
Tx frequency: 2441MHz



Date: 20.NOV.2009 13:44:56

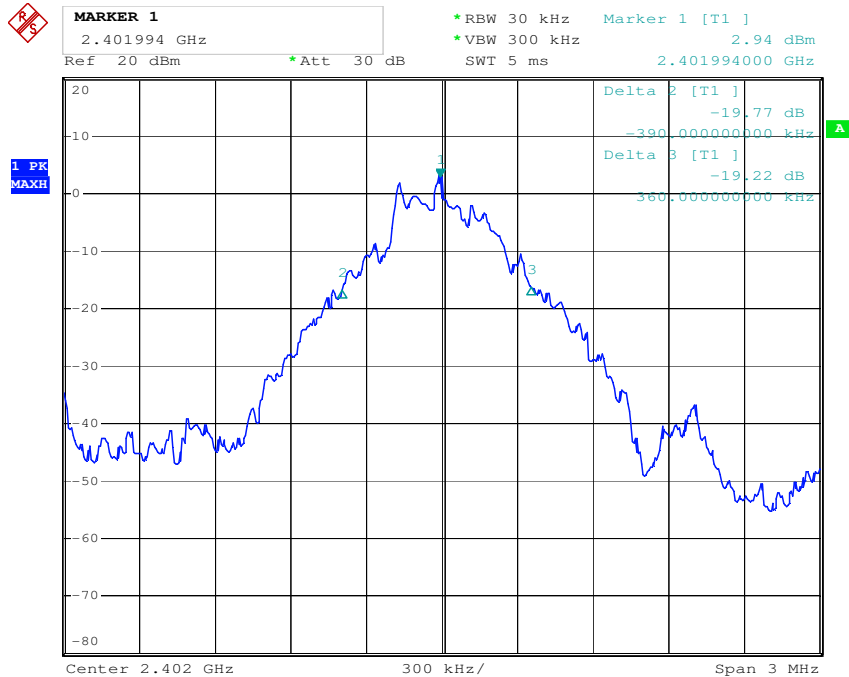
www.tuv.com

Modulation: 8 DPSK
Tx frequency: 2480MHz



Date: 20.NOV.2009 13:43:18

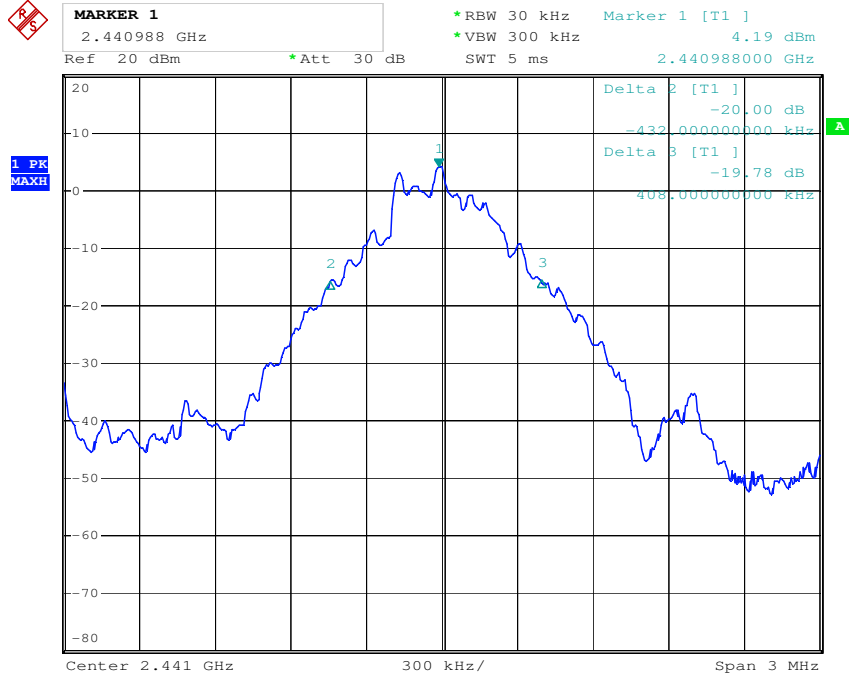
Modulation: GFSK
Tx frequency: 2402MHz



Date: 20.NOV.2009 13:39:36

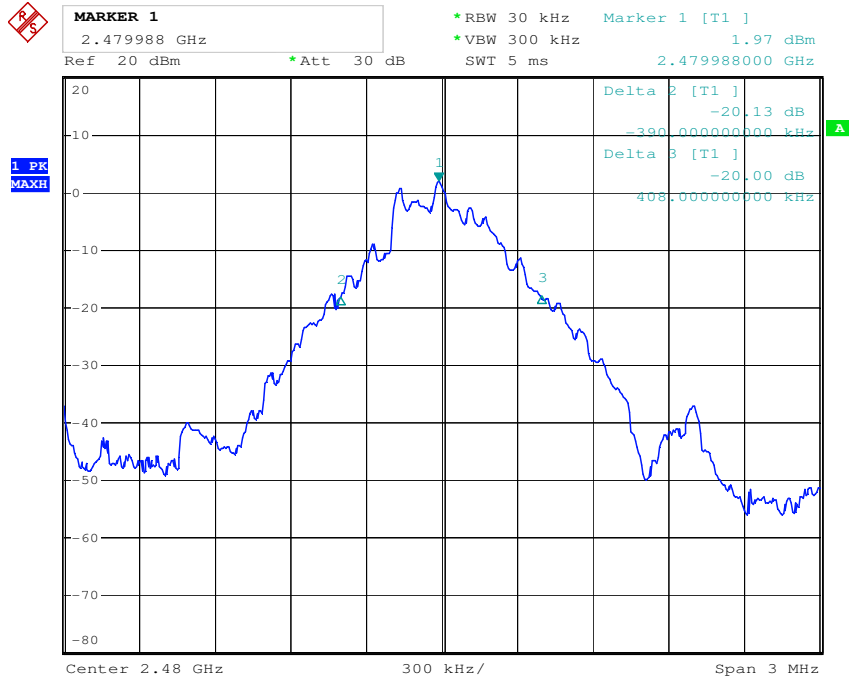
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Modulation: GFSK
Tx frequency: 2441MHz



Date: 20.NOV.2009 13:37:28

Modulation: GFSK
Tx frequency: 2480MHz

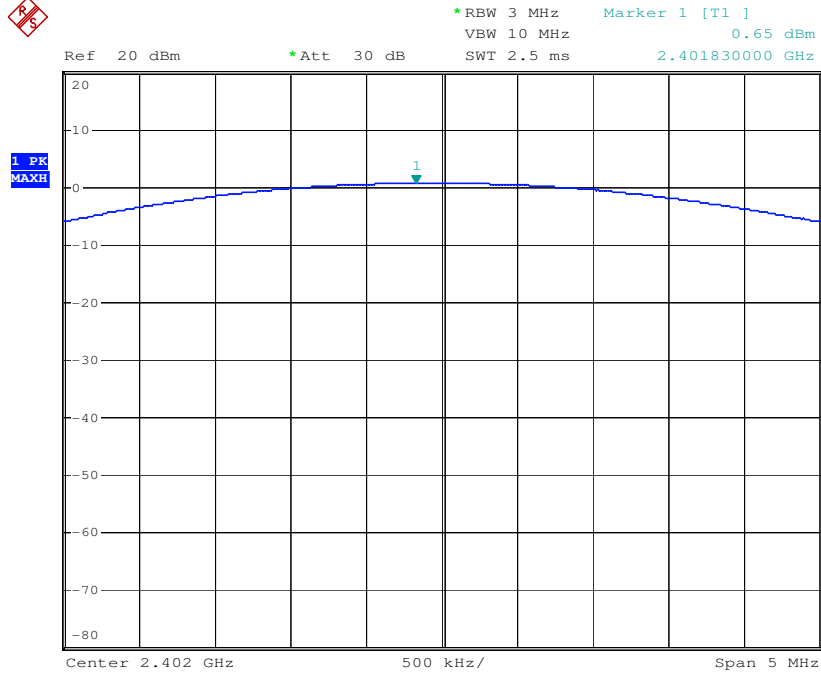


Date: 20.NOV.2009 13:41:31

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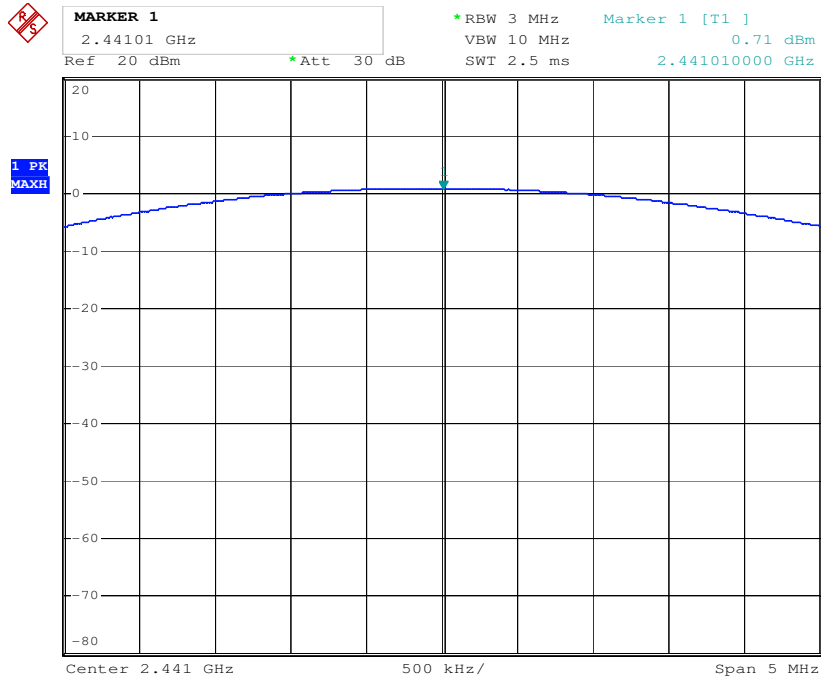
Peak Output Power

Modulation: GFSK
Tx frequency: 2402MHz



Date: 20.NOV.2009 13:49:54

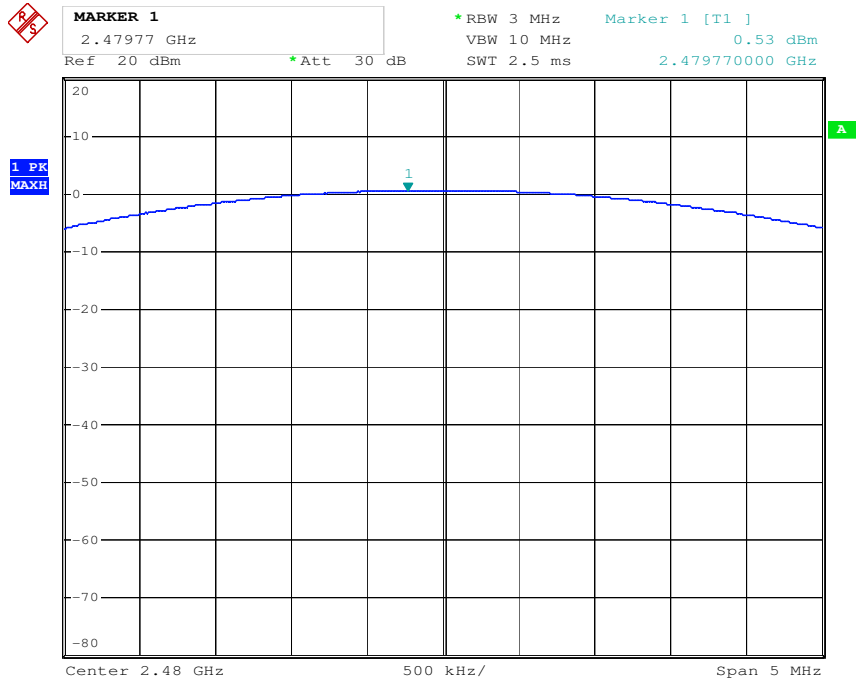
Modulation: GFSK
Tx frequency: 2441MHz



Date: 20.NOV.2009 13:50:50

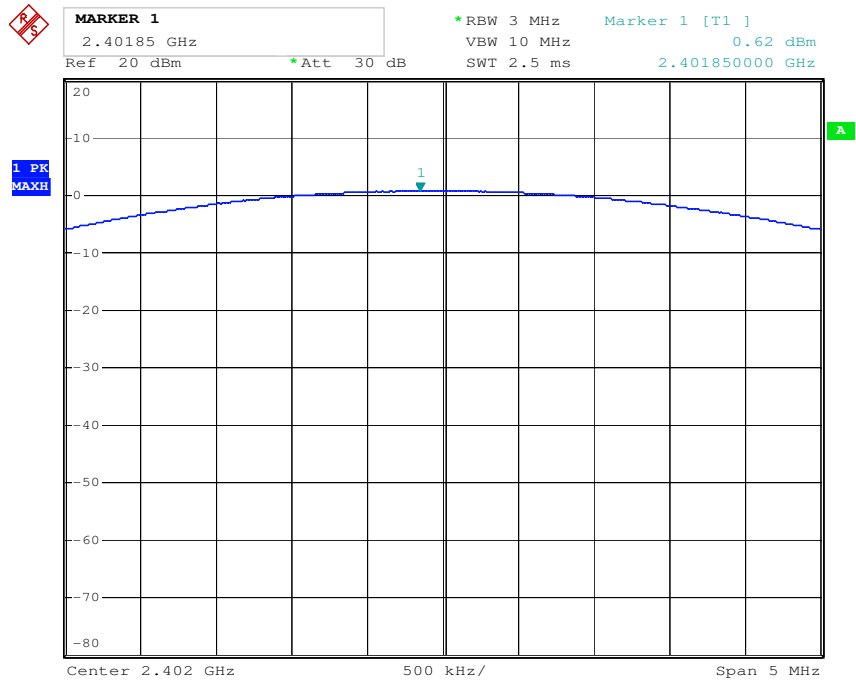
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Modulation: GFSK
Tx frequency: 2480MHz



Date: 20.NOV.2009 13:51:26

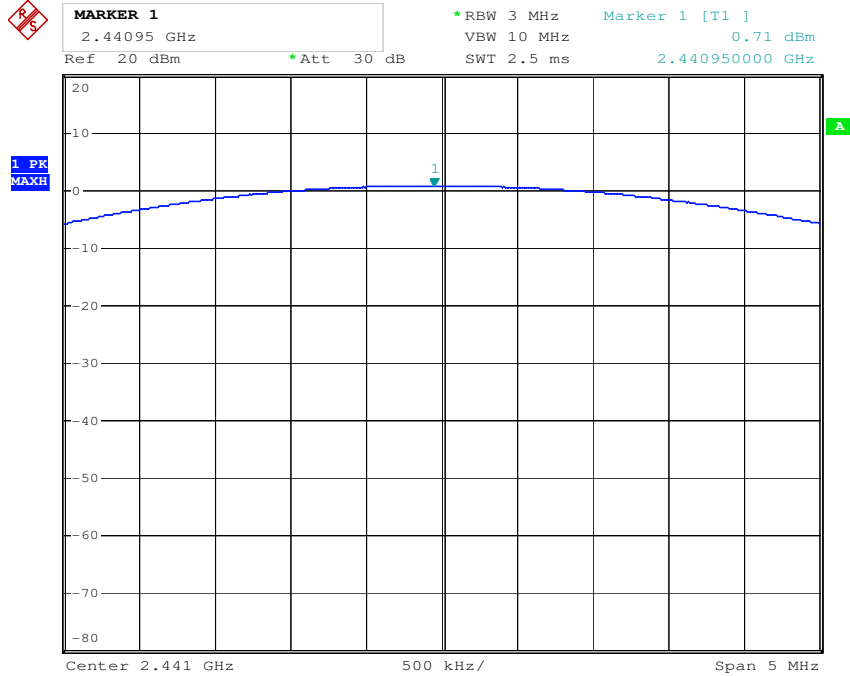
Modulation: Pi/4 DQPSK
Tx frequency: 2402MHz



Date: 20.NOV.2009 13:53:45

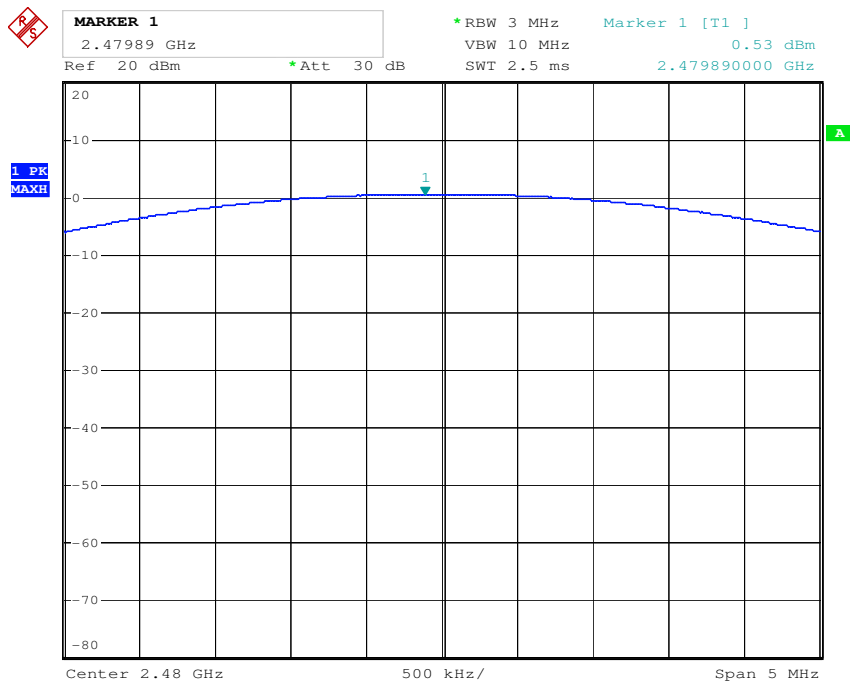
www.tuv.com

Modulation: Pi/4 DQPSK
Tx frequency: 2441MHz



Date: 20.NOV.2009 13:53:19

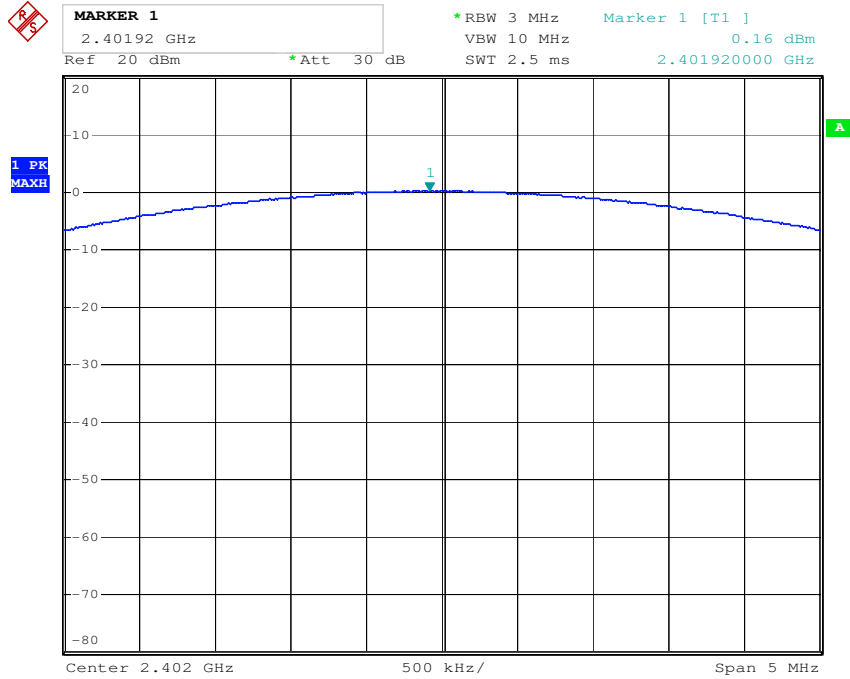
Modulation: Pi/4 DQPSK
Tx frequency: 2480MHz



Date: 20.NOV.2009 13:52:35

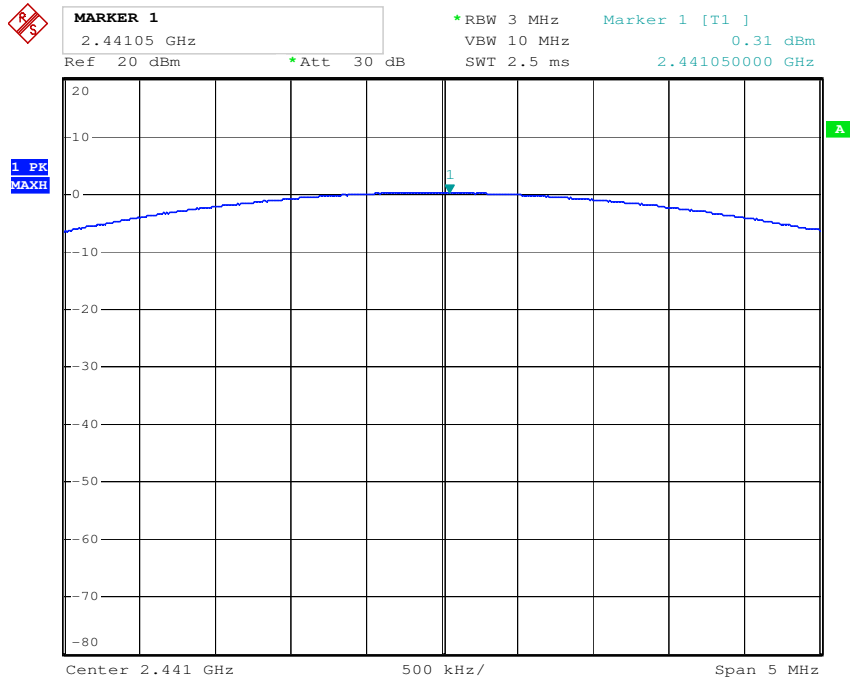
www.tuv.com

Modulation: 8 DPSK
Tx frequency: 2402MHz



Date: 20.NOV.2009 13:54:27

Modulation: 8 DPSK
Tx frequency: 2441MHz



Date: 20.NOV.2009 13:55:02

www.tuv.com

Modulation: 8 DPSK
Tx frequency: 2480MHz

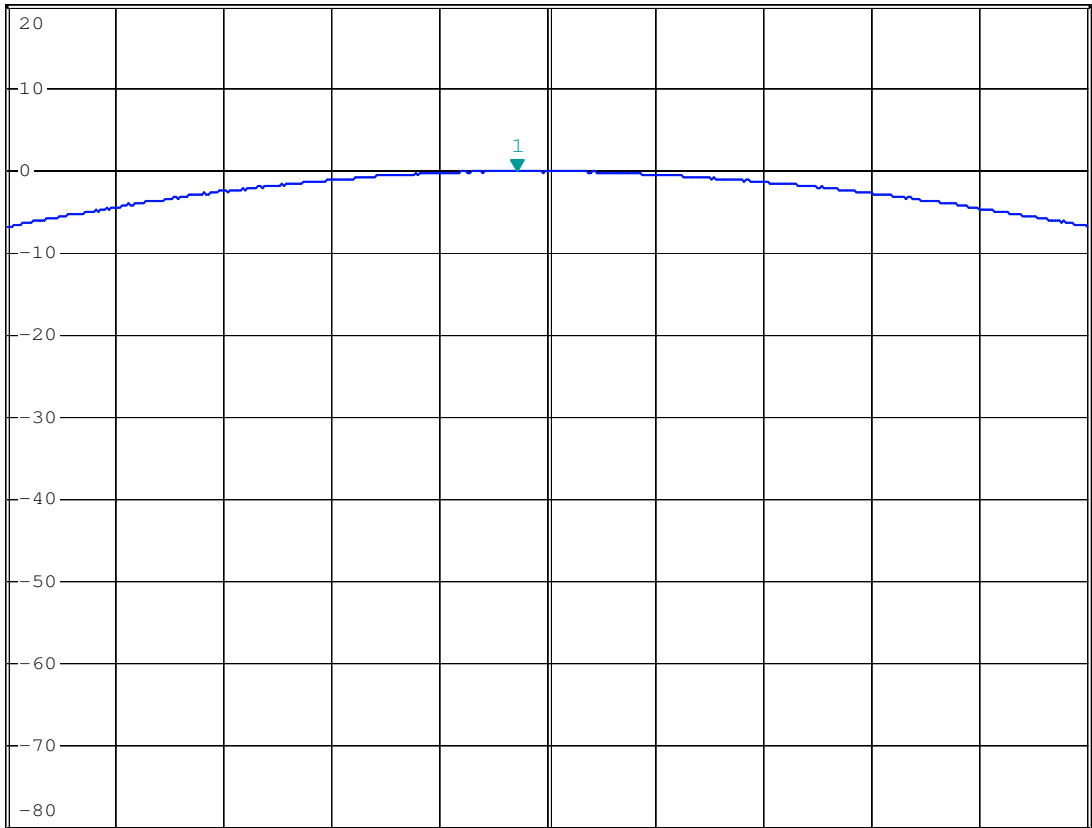


MARKER 1
2.47986 GHz

*RBW 3 MHz Marker 1 [T1]
VBW 10 MHz -0.05 dBm
SWT 2.5 ms 2.479860000 GHz

Ref 20 dBm *Att 30 dB

1 PK
MAXH



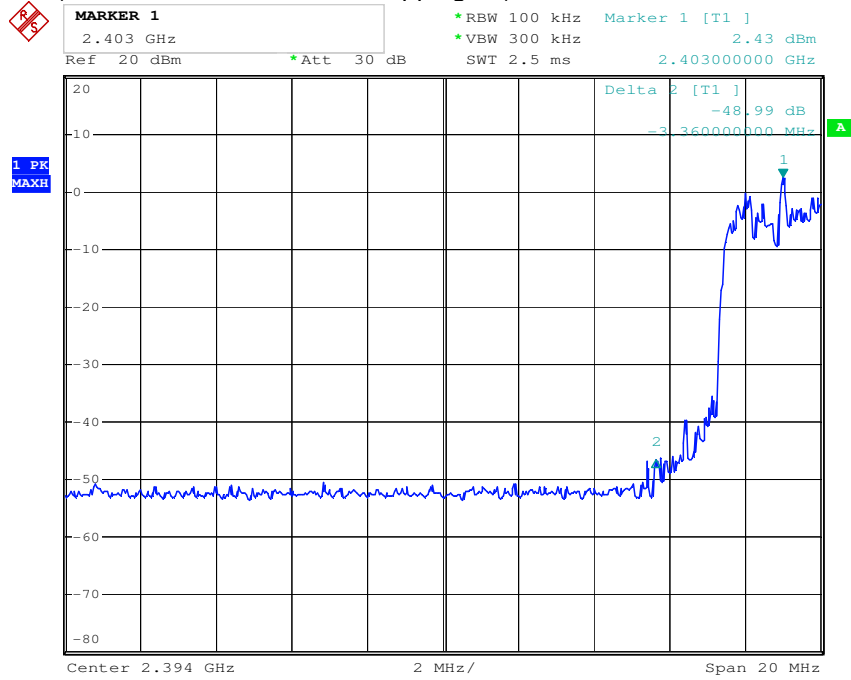
Center 2.48 GHz 500 kHz/ Span 5 MHz

Date: 20.NOV.2009 13:55:37

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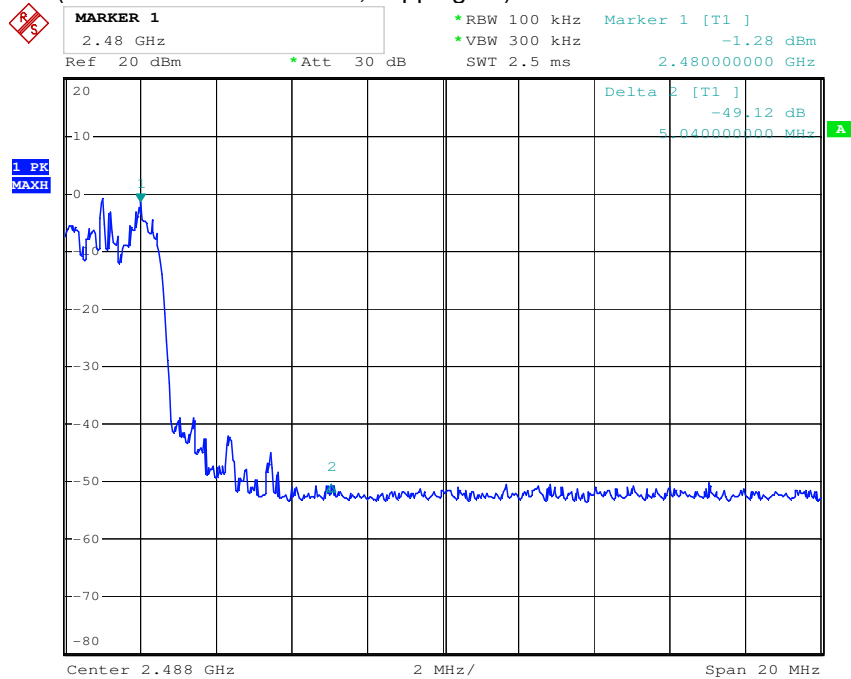
Band Edge Compliance

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



Date: 20.NOV.2009 13:59:47

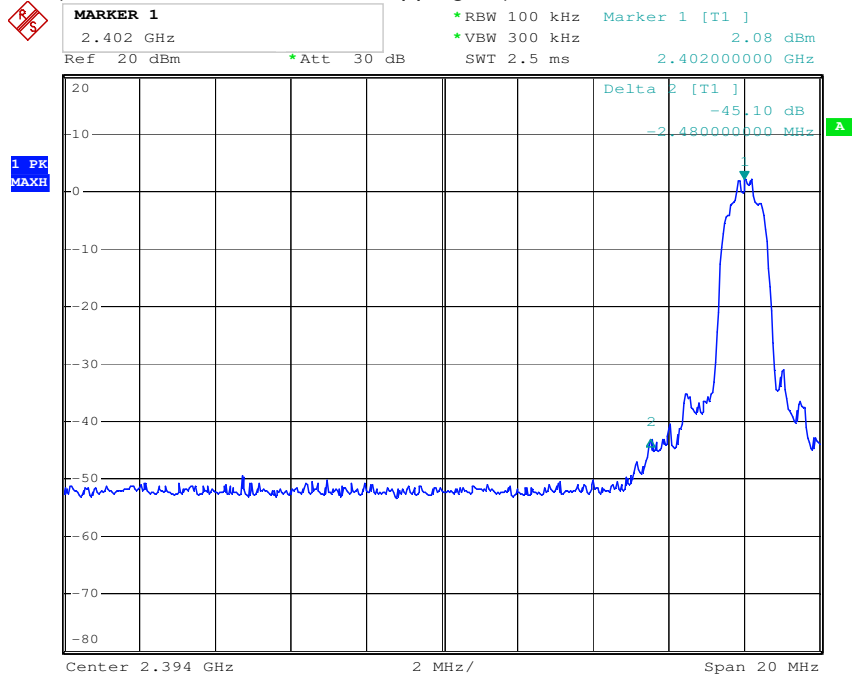
Tx frequency: 2480MHz (conducted measurement; hopping on)



Date: 20.NOV.2009 14:01:41

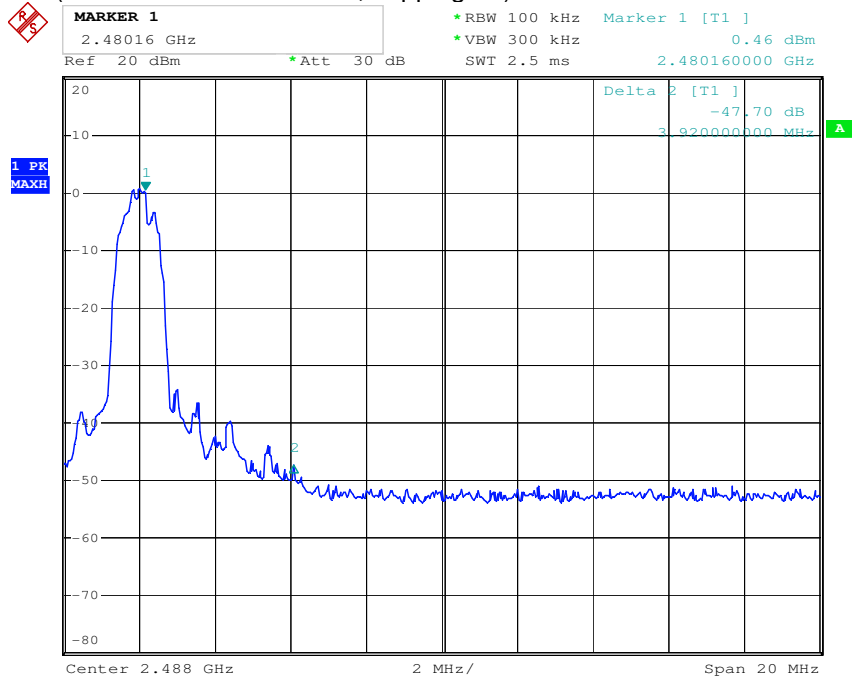
www.tuv.com

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



Date: 20.NOV.2009 14:04:41

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



Date: 20.NOV.2009 14:02:48

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Tx frequency: 2402MHz (radiated measurement)

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EMC Test Service Hotline: +86-20-28391188

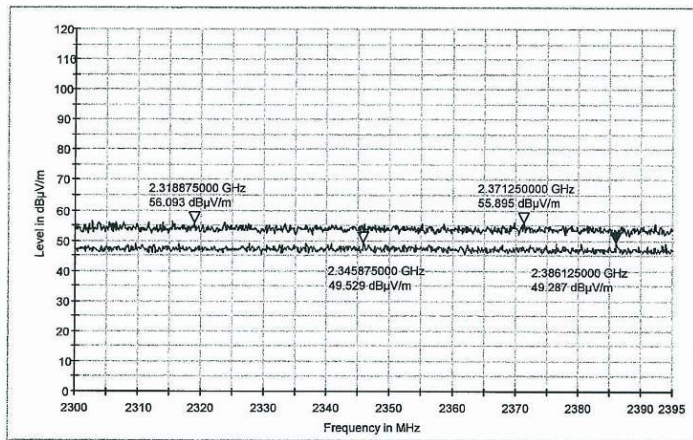
EMC Test Record (EMISSION)

Test Information

Manufacturer:	Sennheiser
Test Item:	BT headset
Identification:	EZX60
Test Standard:	FCC Part 15
Test Detail:	RE
Operation Mode:	Tx @Low channel
Climate Condition:	25 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. :	DC 3.7V
Receipt No.:	
Report No.:	
Result:	Pass
Comment:	Vertical

Subrange 1

Frequency Range:	2GHz - 3GHz
Receiver:	TUV FSP 30
Transducer:	TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



Date: 11/19/2009 - Time: 8:58:43 AM

Tested by: WDZ Reviewed by: _____
2009-11-19



TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

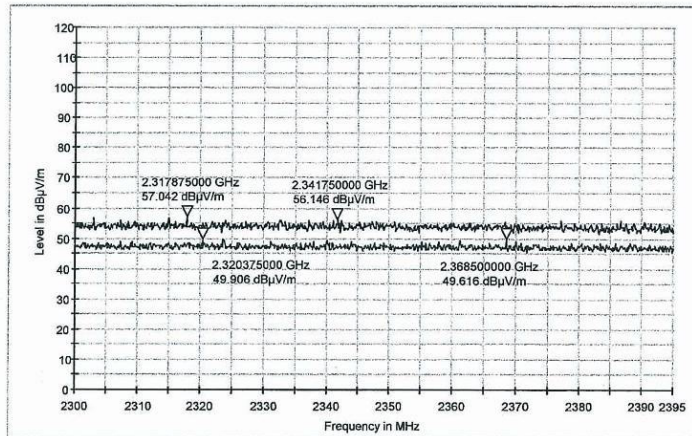
EMC Test Record (EMISSION)

Test Information

Manufacturer:	Sennheiser
Test Item:	BT headset
Identification	EZX60
Test Standard:	FCC Part 15
Test Detail:	RE
Operation Mode:	Tx @Low channel
Climate Condition:	25 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. :	DC 3.7V
Receipt No.:	
Report No.	
Result:	Pass
Comment:	Horizontal

Subrange 1

Frequency Range:	2GHz - 3GHz
Receiver:	TUV FSP 30
Transducer:	TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



Date: 11/19/2009 - Time: 8:56:19 AM

Tested by: W D Z Reviewed by: _____

2009-11-19



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Tx frequency: 2480MHz (radiated measurement)

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EMC Test Service Hotline: +86-20-28391188

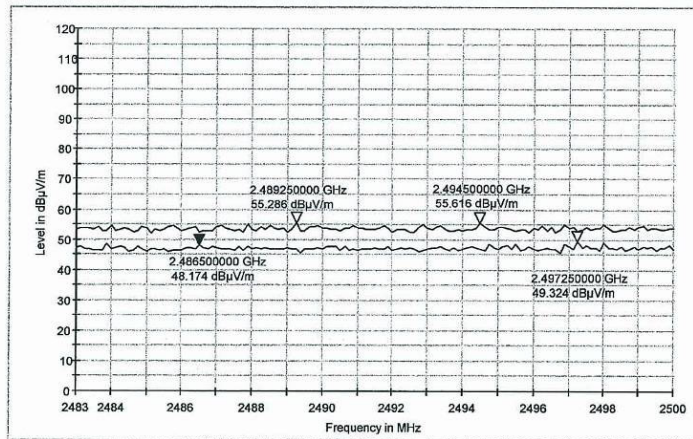
EMC Test Record (EMISSION)

Test Information

Manufacturer:	Sennheiser
Test Item:	BT headset
Identification	EZX60
Test Standard:	FCC Part 15
Test Detail:	RE
Operation Mode:	Tx @High channel
Climate Condition:	25 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. :	DC 3.7V
Receipt No.:	
Report No.	
Result:	Pass
Comment:	Vertical

Subrange 1

Frequency Range:	2GHz - 3GHz
Receiver:	TUV FSP 30
Transducer:	TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



Date: 11/19/2009 - Time: 10:27:33 AM

Tested by: WJZ Reviewed by: _____

2009-11-19



TUV Rheinland (Guangdong) Ltd.

EMC Test Service Hotline: +86-20-28391188

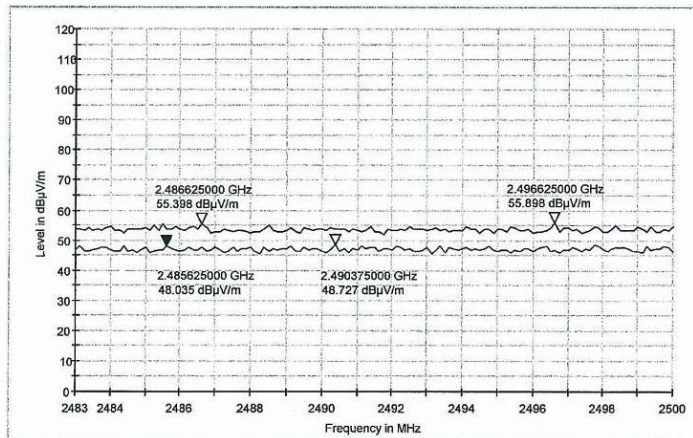
EMC Test Record (EMISSION)

Test Information

Manufacturer:	Sennheiser
Test Item:	BT headset
Identification:	EZX60
Test Standard:	FCC Part 15
Test Detail:	RE
Operation Mode:	Tx @High channel
Climate Condition:	25 °C; 50 %RH; 101 kPa.
Test Voltage / Freq. :	DC 3.7V
Receipt No.:	
Report No.:	
Result:	Pass
Comment:	Horizontal

Subrange 1

Frequency Range:	2GHz - 3GHz
Receiver:	TUV FSP 30
Transducer:	TUV SAC HF906 / TUV FSP 30-TUV SAC HF906



Date: 11/19/2009 - Time: 10:26:08 AM

Tested by: WDZ

2009-11-19

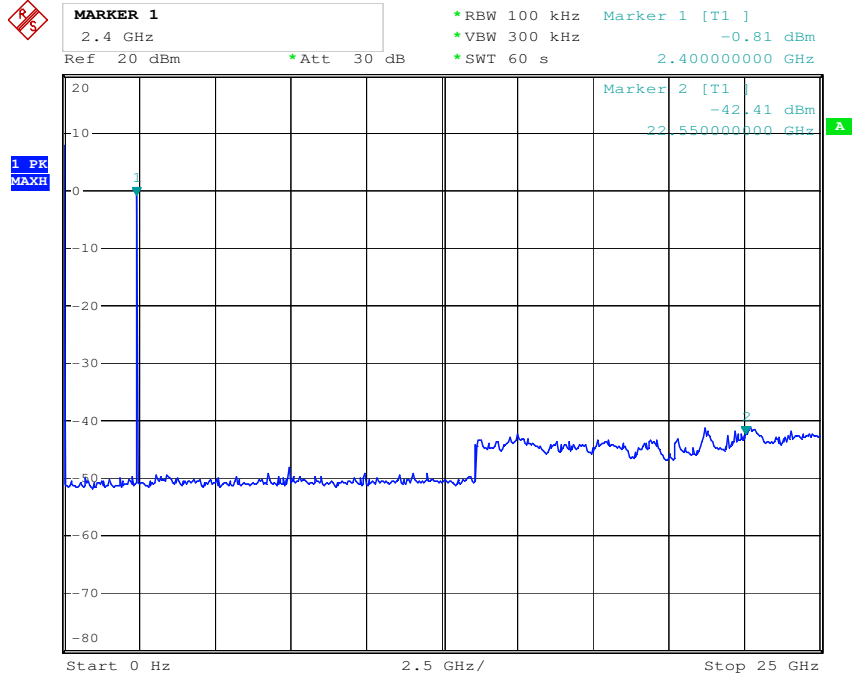
Reviewed by: Checked



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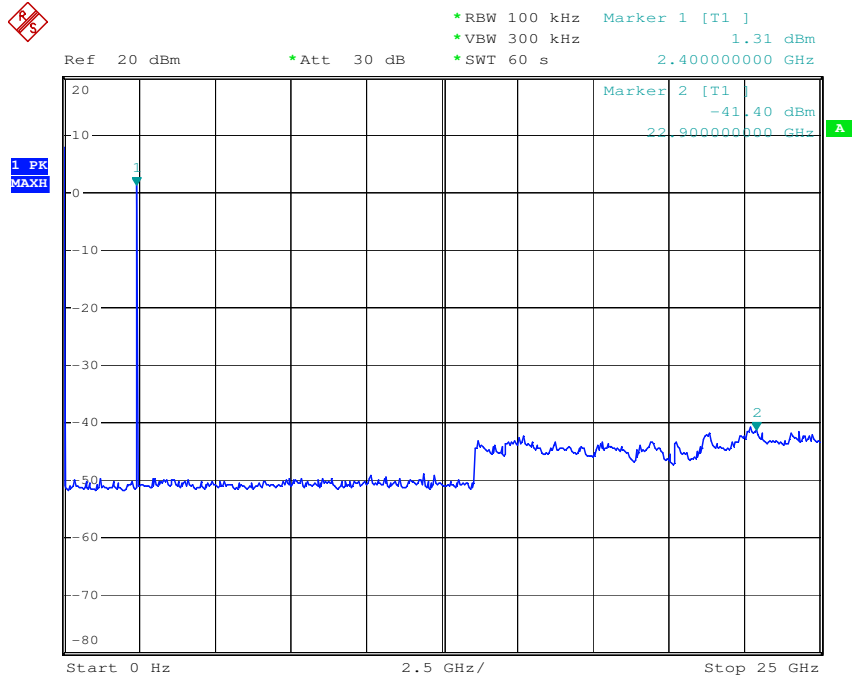
Spurious Emissions - Conducted

Tx frequency: 2402MHz



Date: 20.NOV.2009 14:08:40

Tx frequency: 2441MHz



Date: 20.NOV.2009 14:19:44

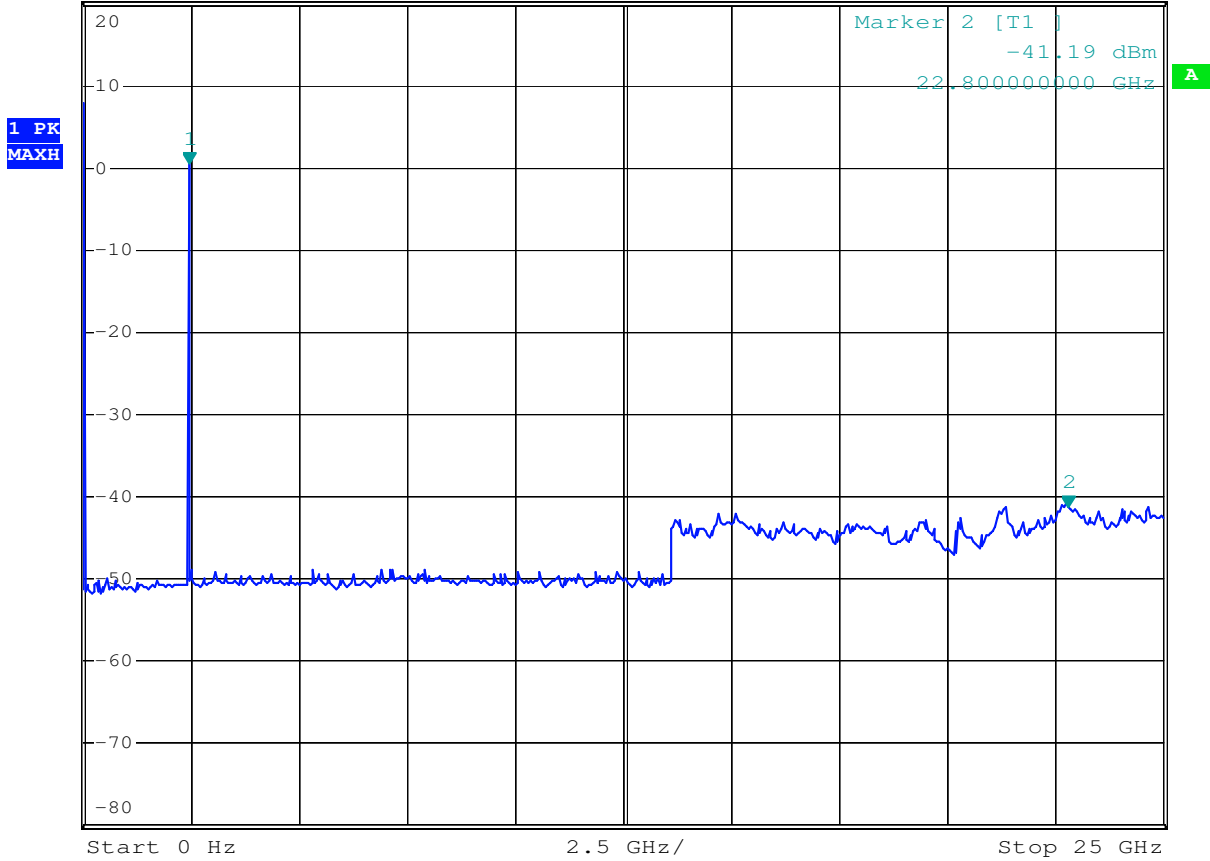
www.tuv.com

Tx frequency: 2480MHz



MARKER 1
 2.45 GHz
 Ref 20 dBm *Att 30 dB

*RBW 100 kHz Marker 1 [T1]
 *VBW 300 kHz 0.41 dBm
 *SWT 60 s 2.450000000 GHz



Date: 20.NOV.2009 14:25:58