Appendix

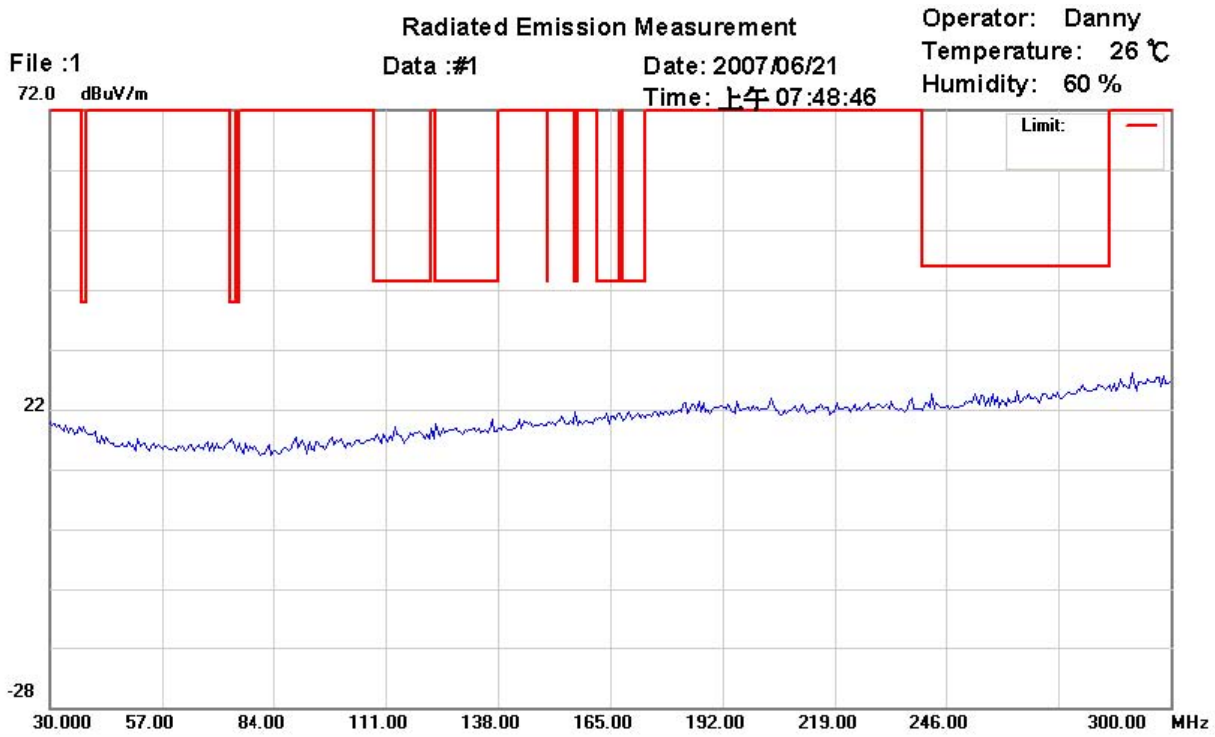
A Measurement diagrams

1. Spurious Emissions radiated – Transmitter operating
2. Peak Output Power
3. Carrier Frequency Separation
4. Number of Hopping Frequencies
5. Time of Occupancy (Dwell Time)
6. 20dB Bandwidth
7. Band-edge Compliance of RF Conducted Emissions

B Photos

1. External Photos
2. Internal Photos
3. Set Up Photo of Radiated Emission

Registration number: W6M20706-8180-P-15
FCC ID : H5OT36



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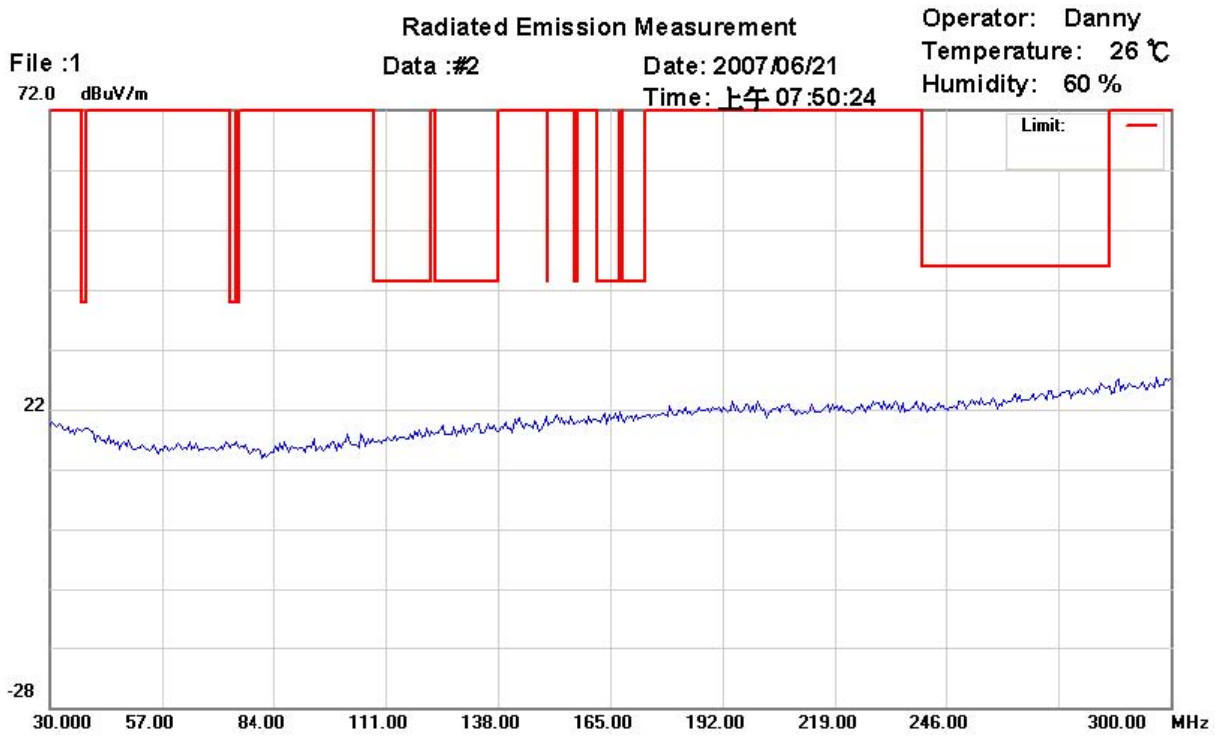
Condition : FCC 15.247
Company : W6M20706-8180
EUT Model: CATX9000
Execute Program : TX low channel
Note :

Polarization: *Horizontal*
Power : DC6V
Distance: 3m

Registration number: W6M20706-8180-P-15
FCC ID : H5OT36



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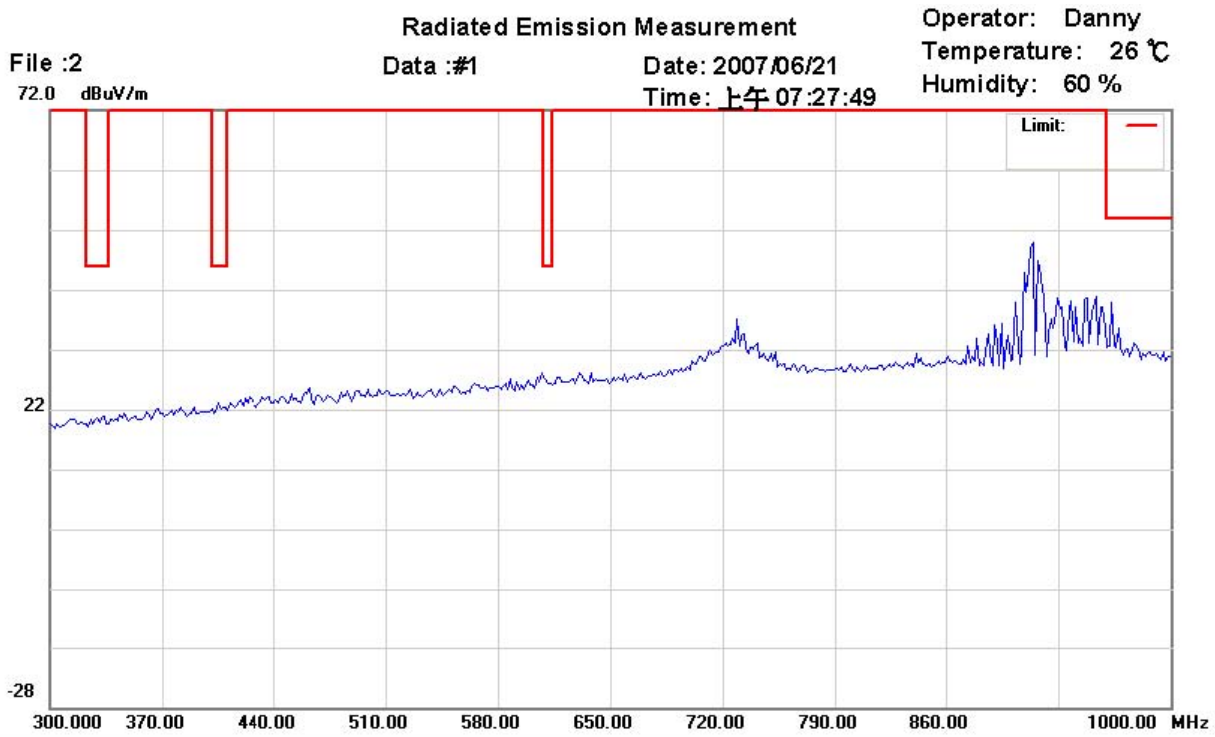

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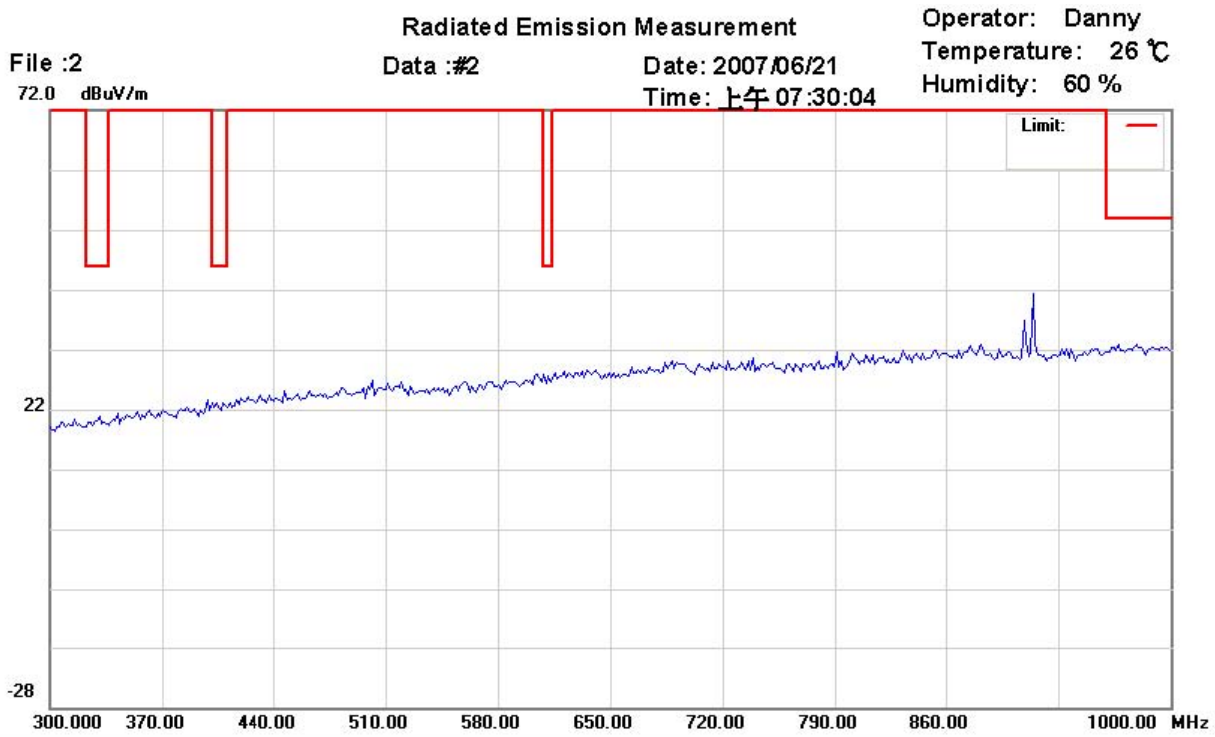

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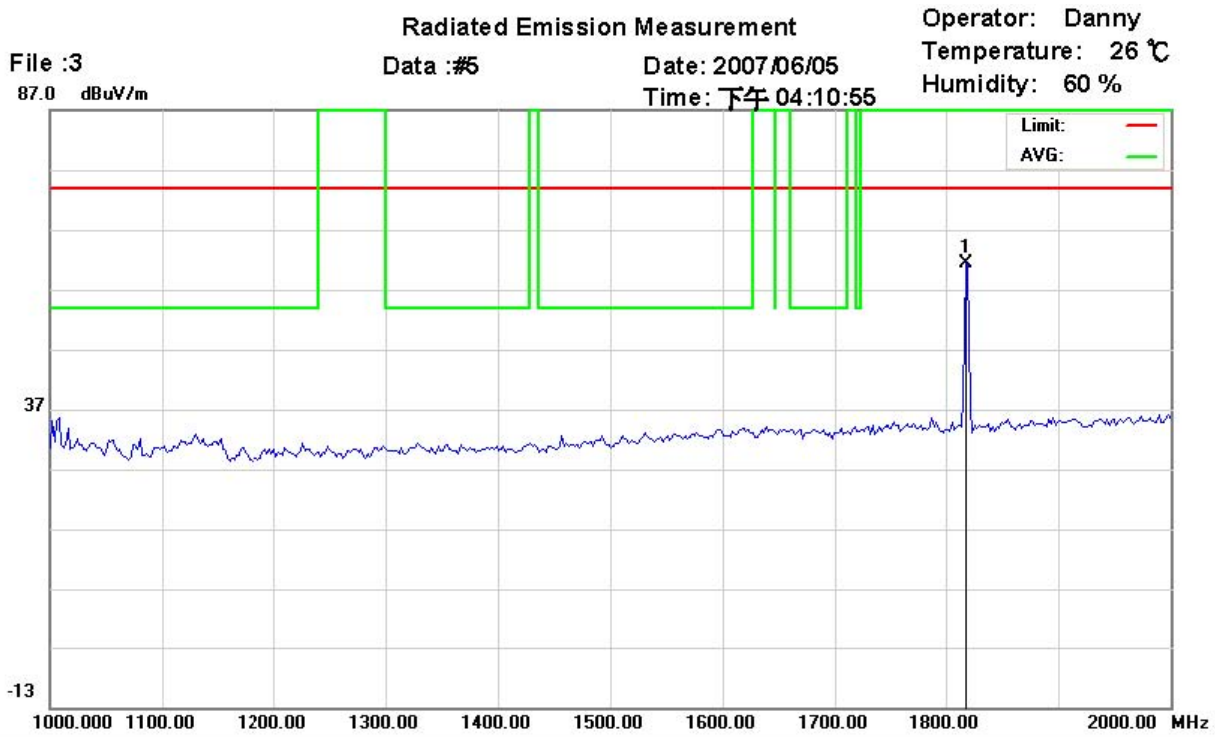

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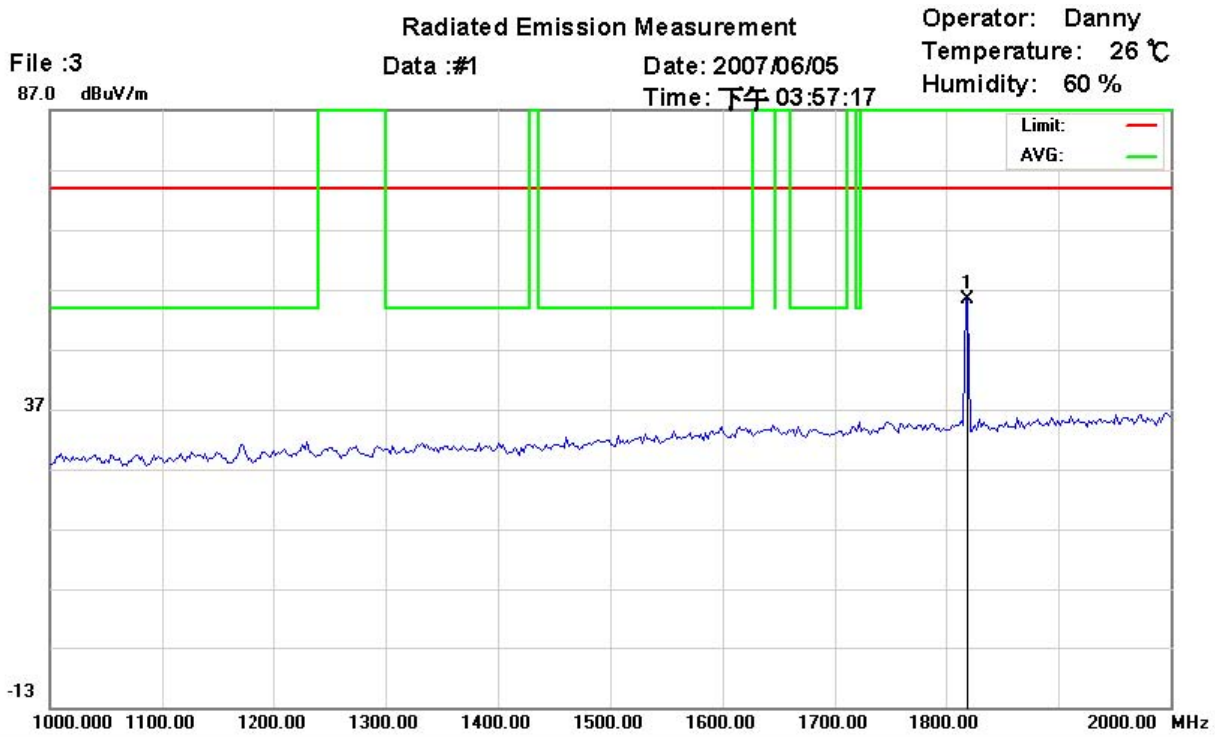

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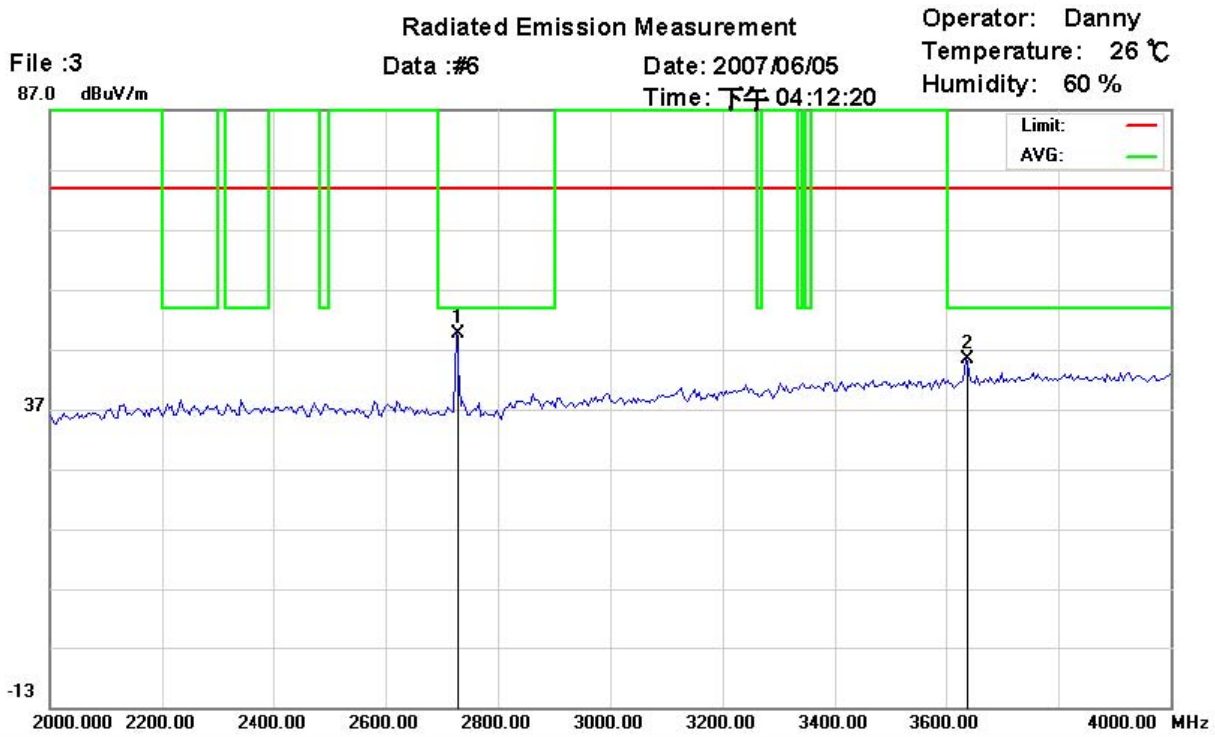

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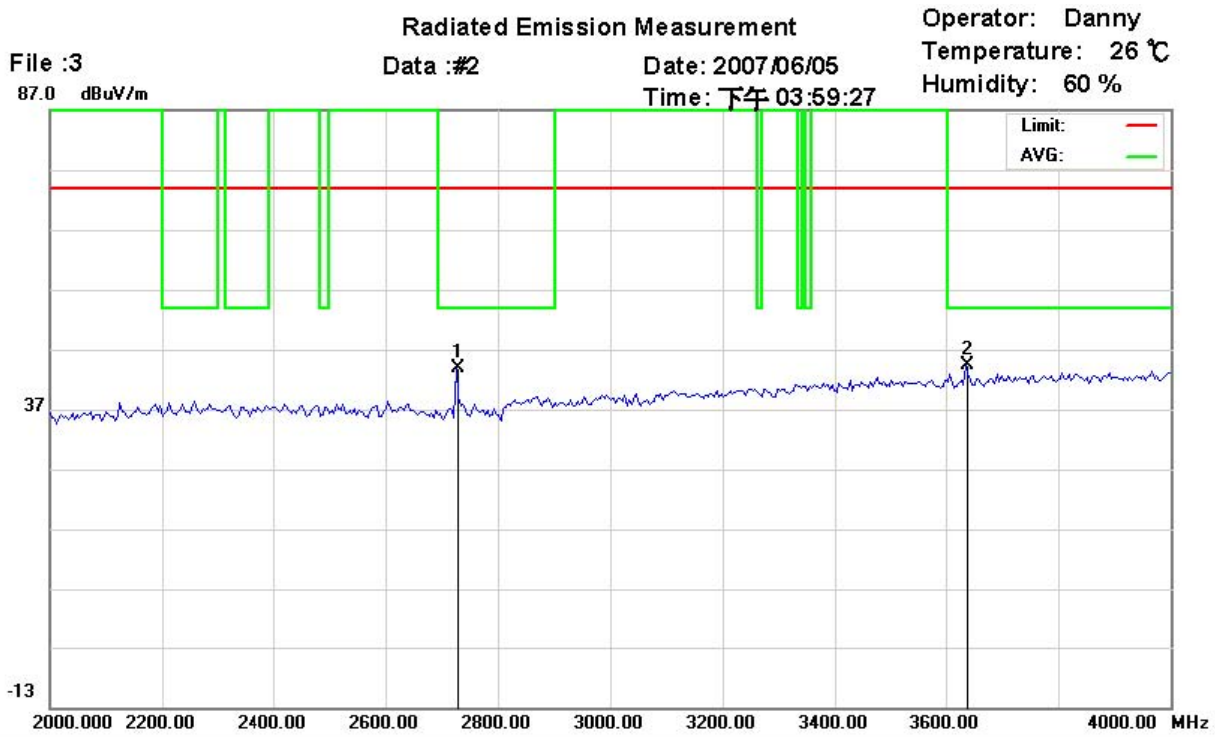

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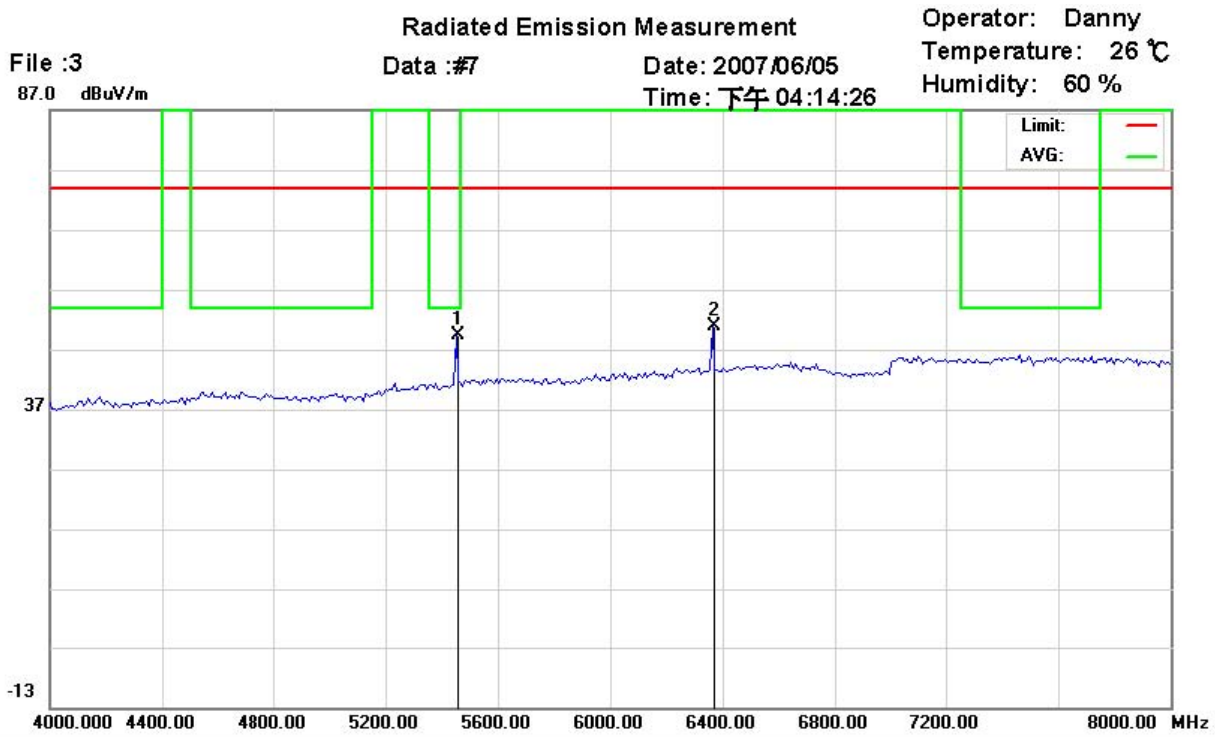

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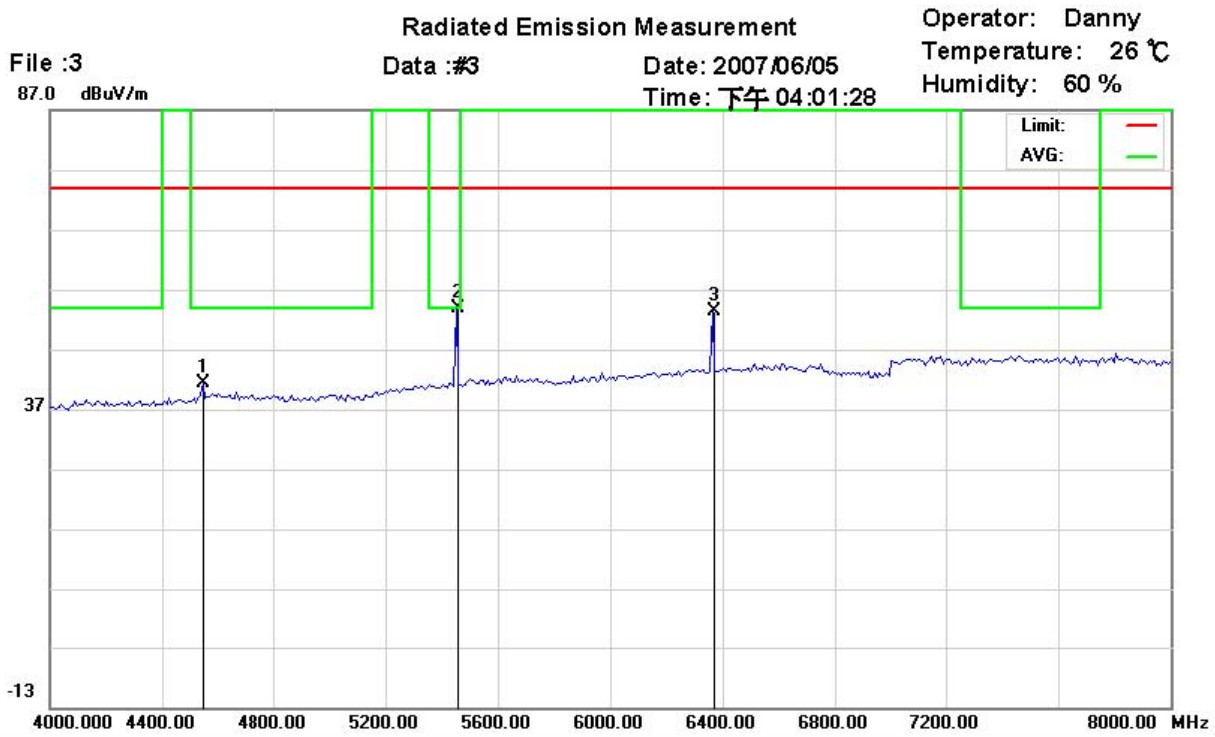

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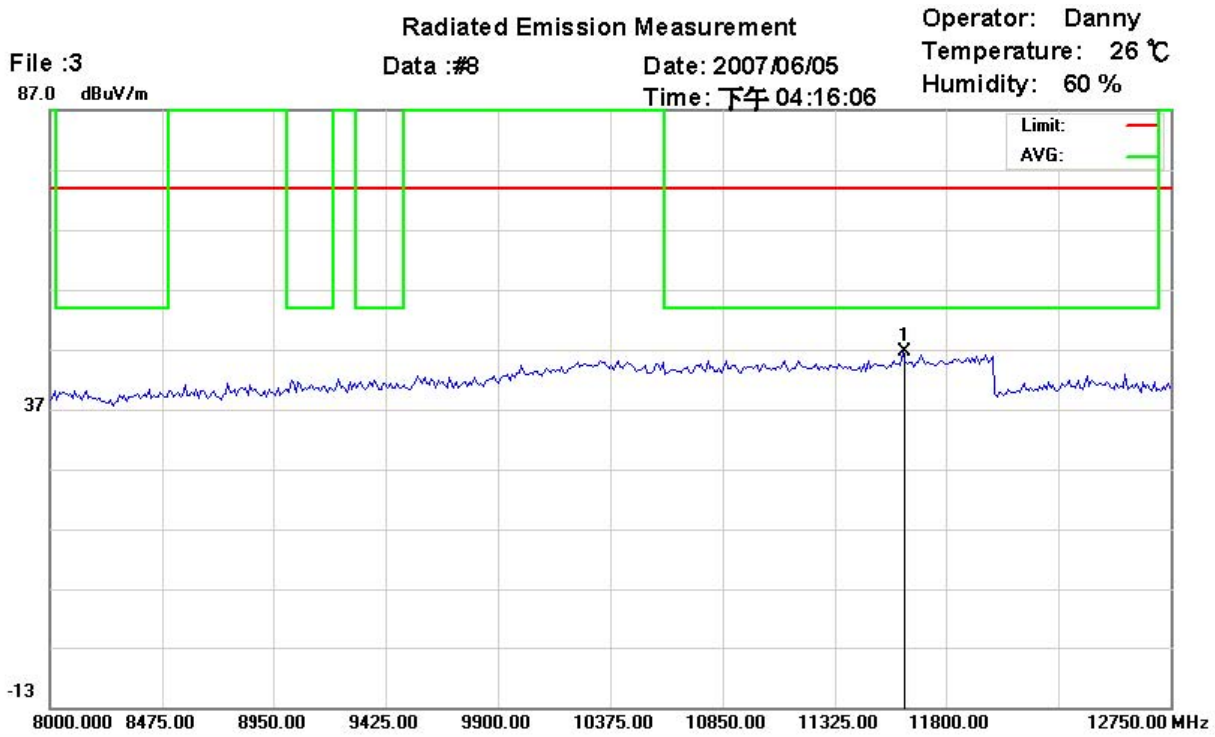

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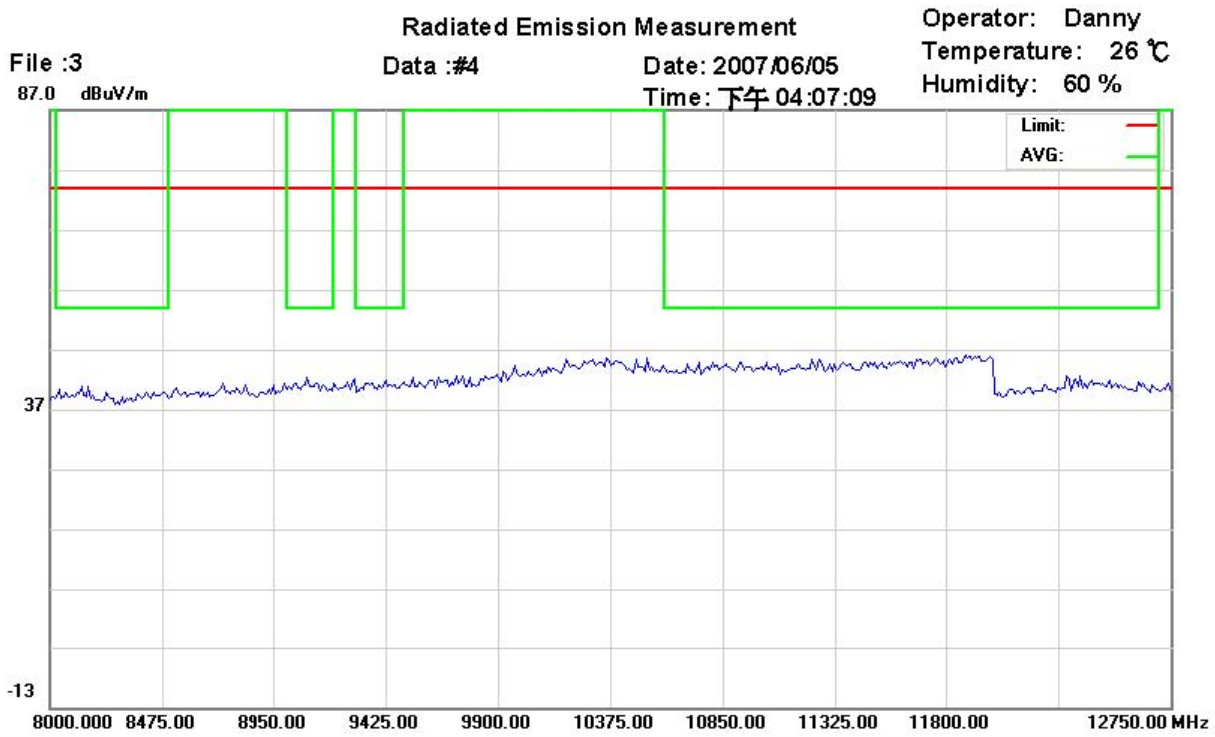

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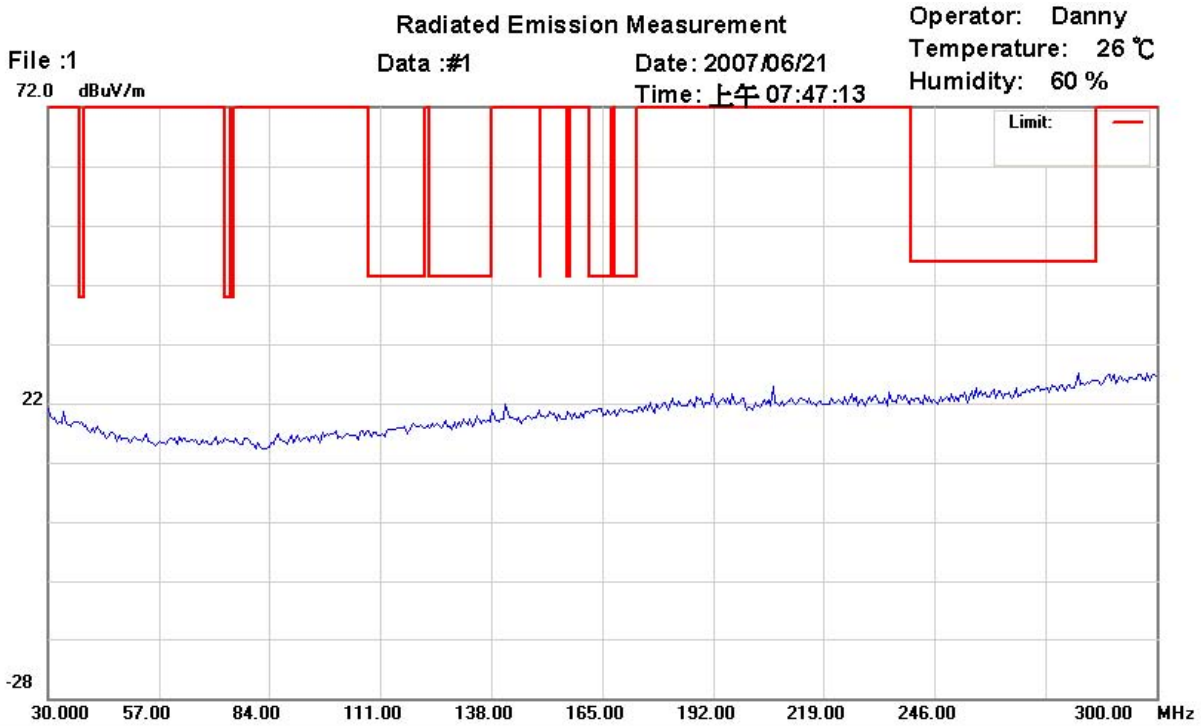

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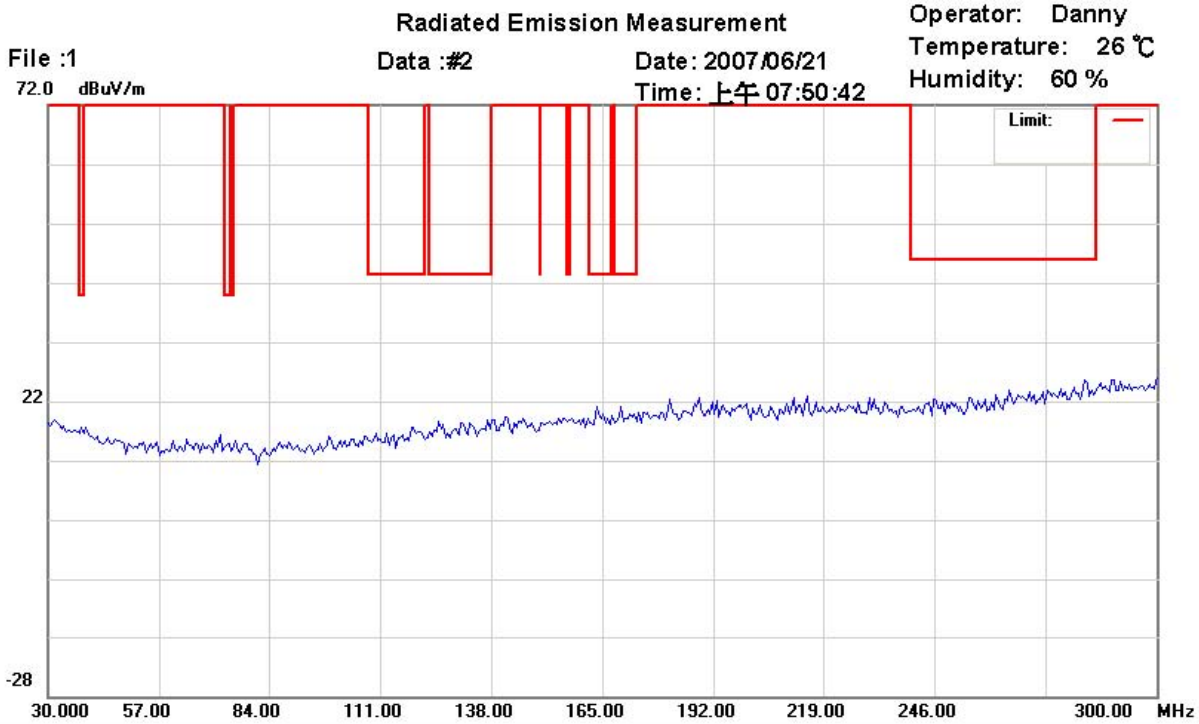

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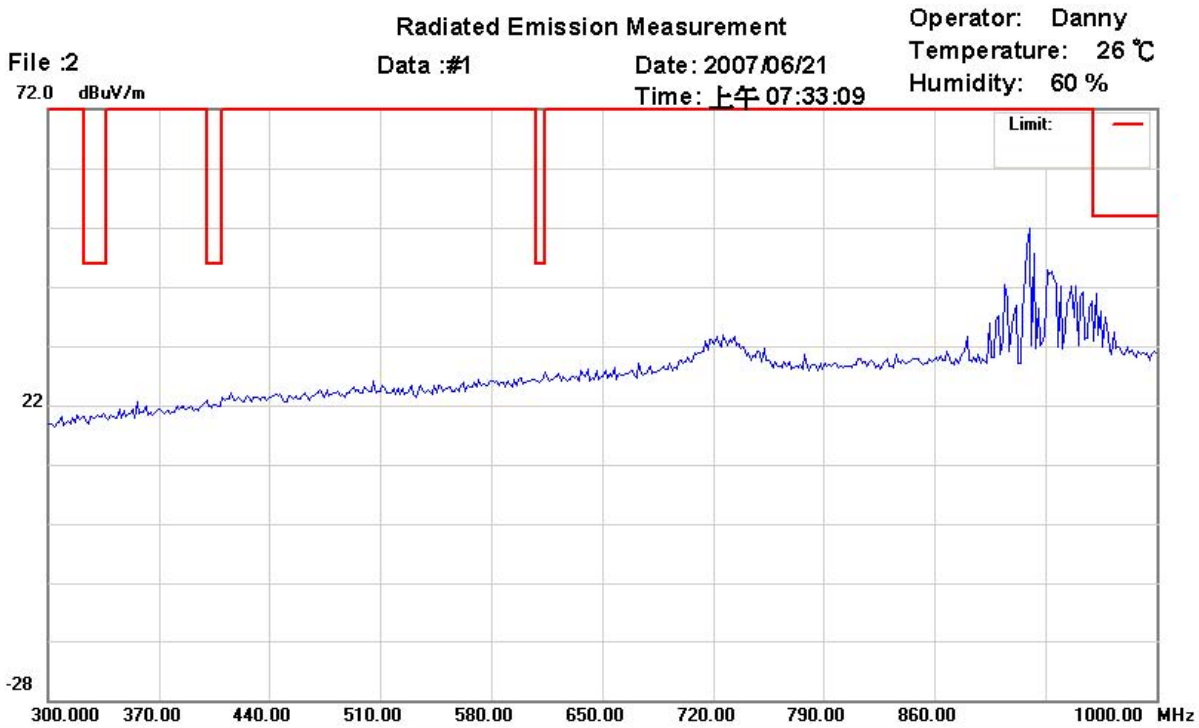

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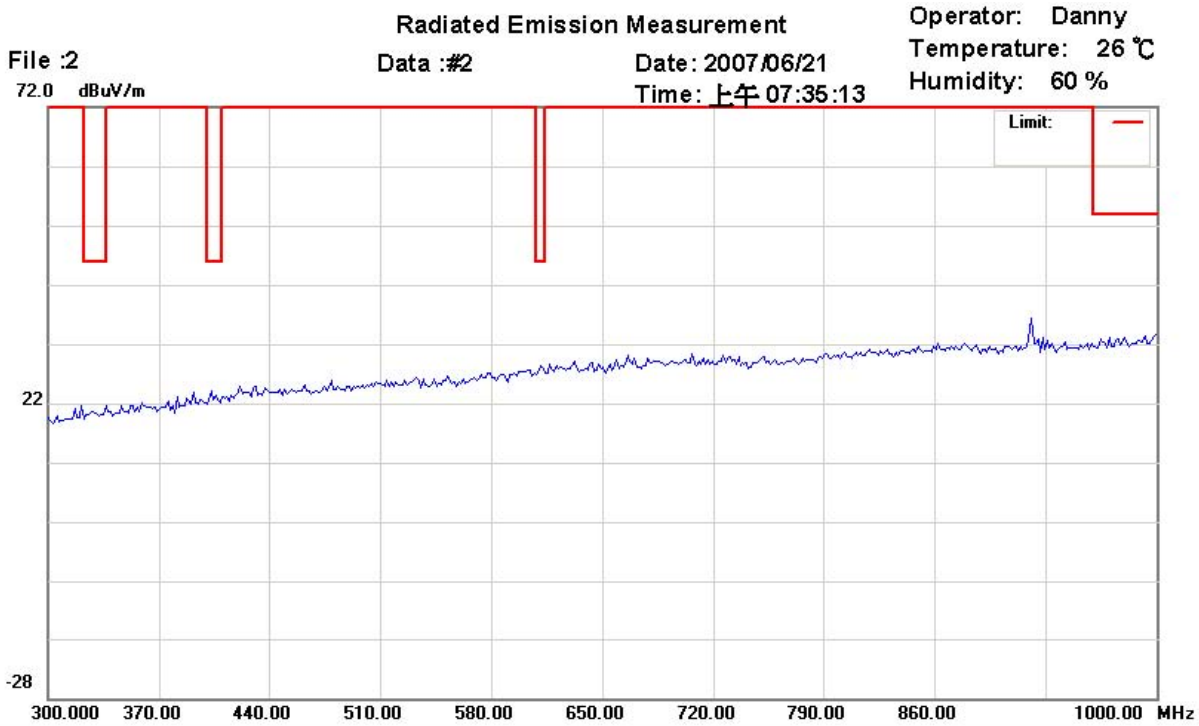

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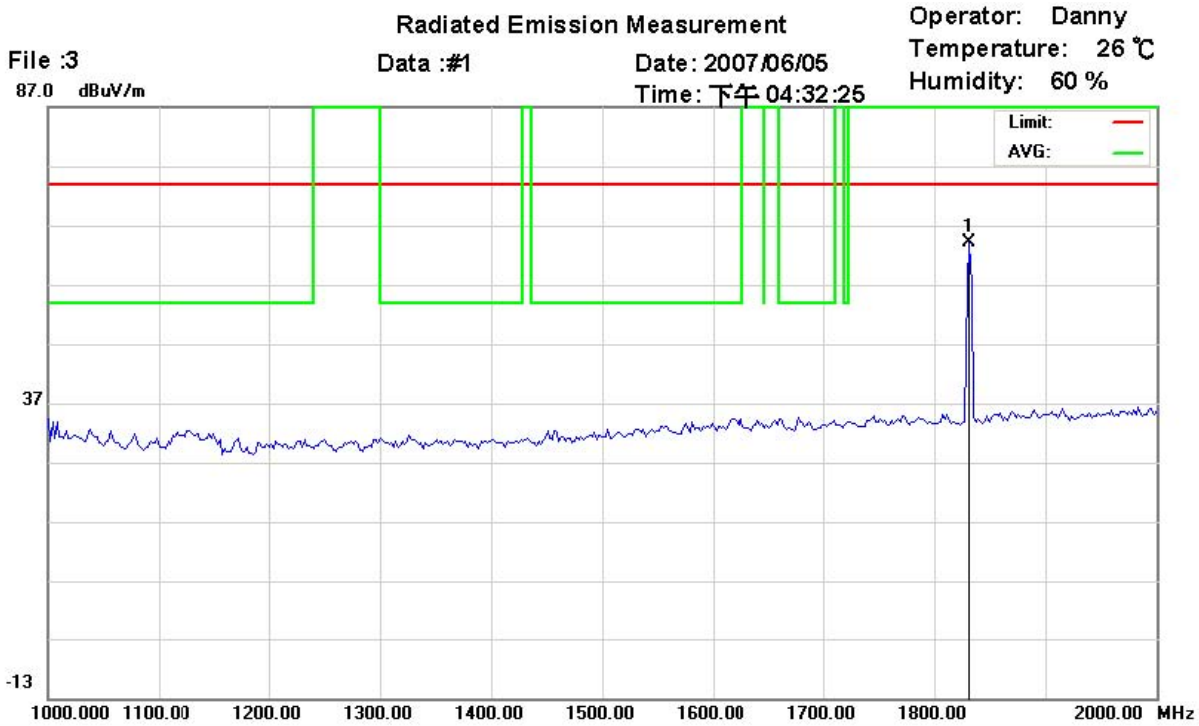

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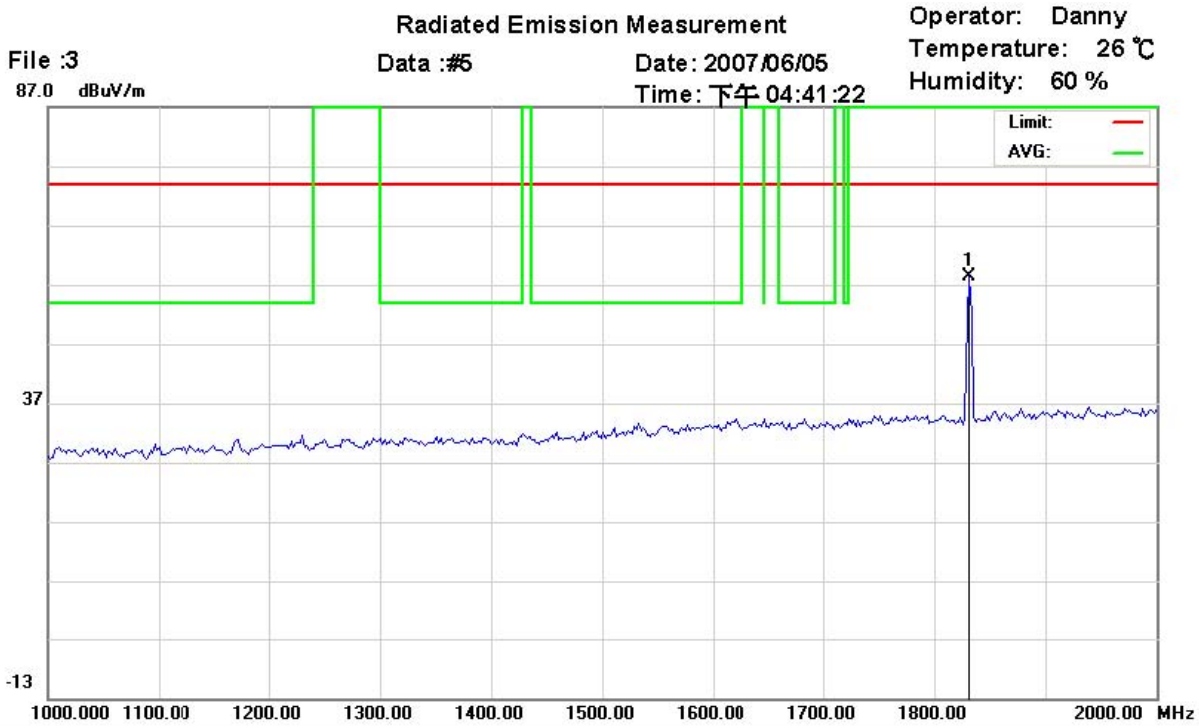

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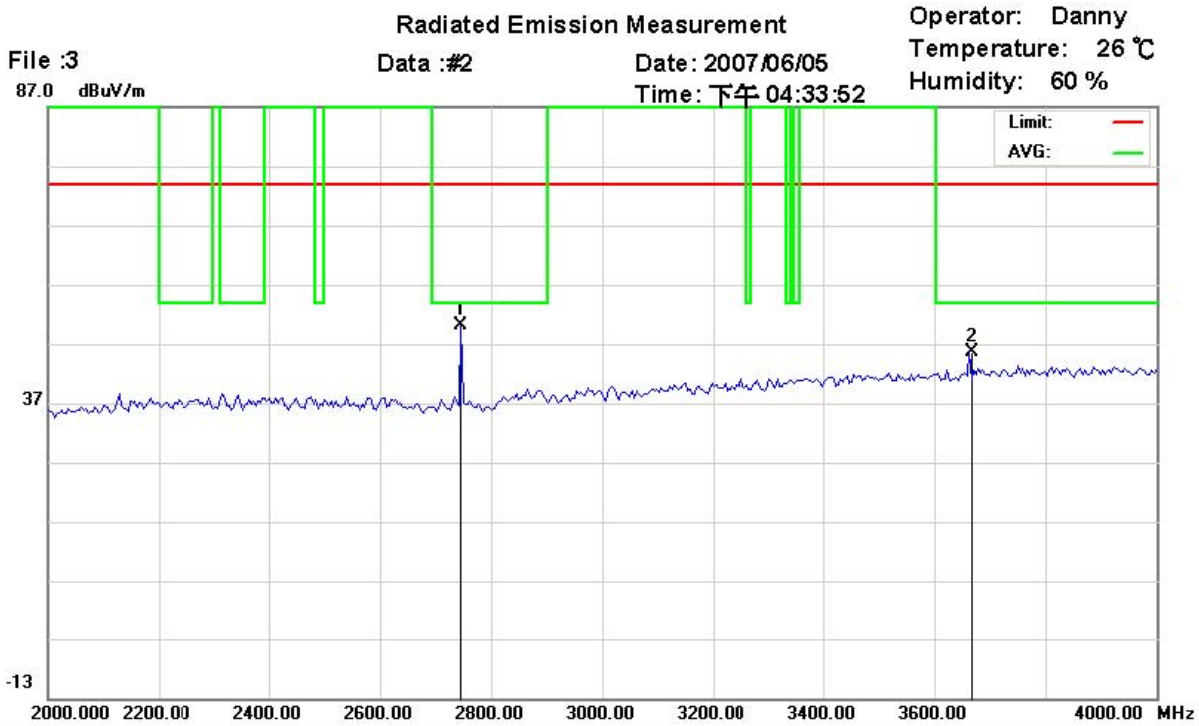

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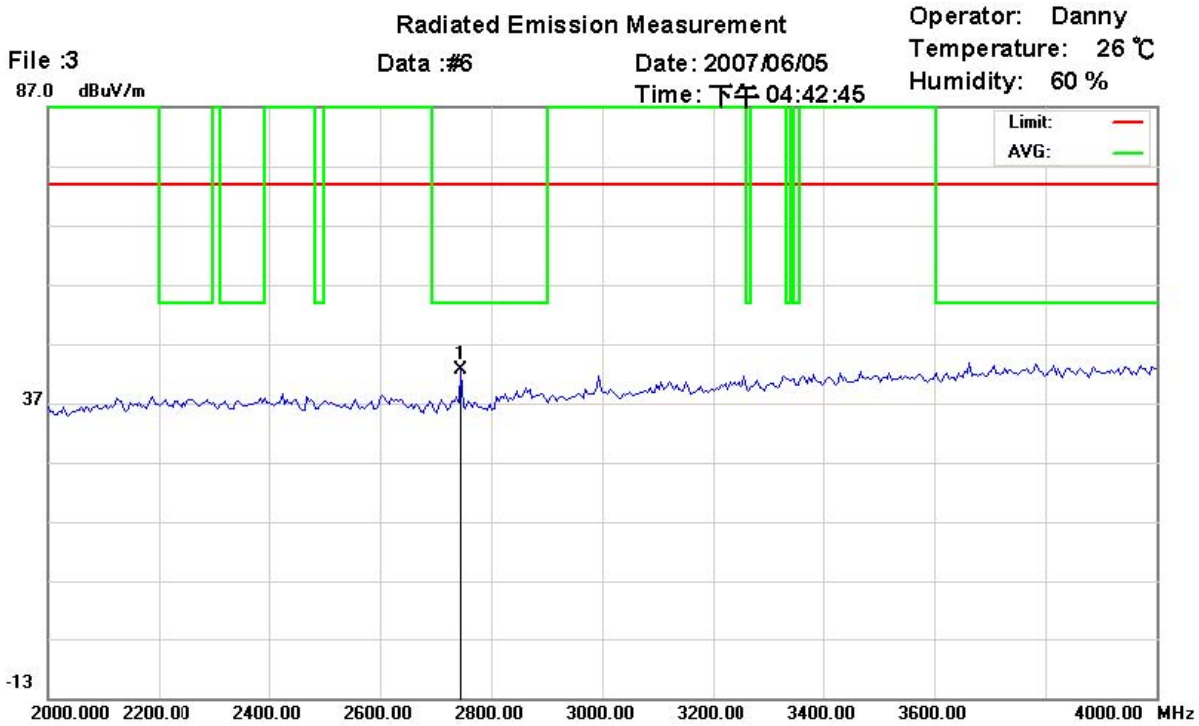

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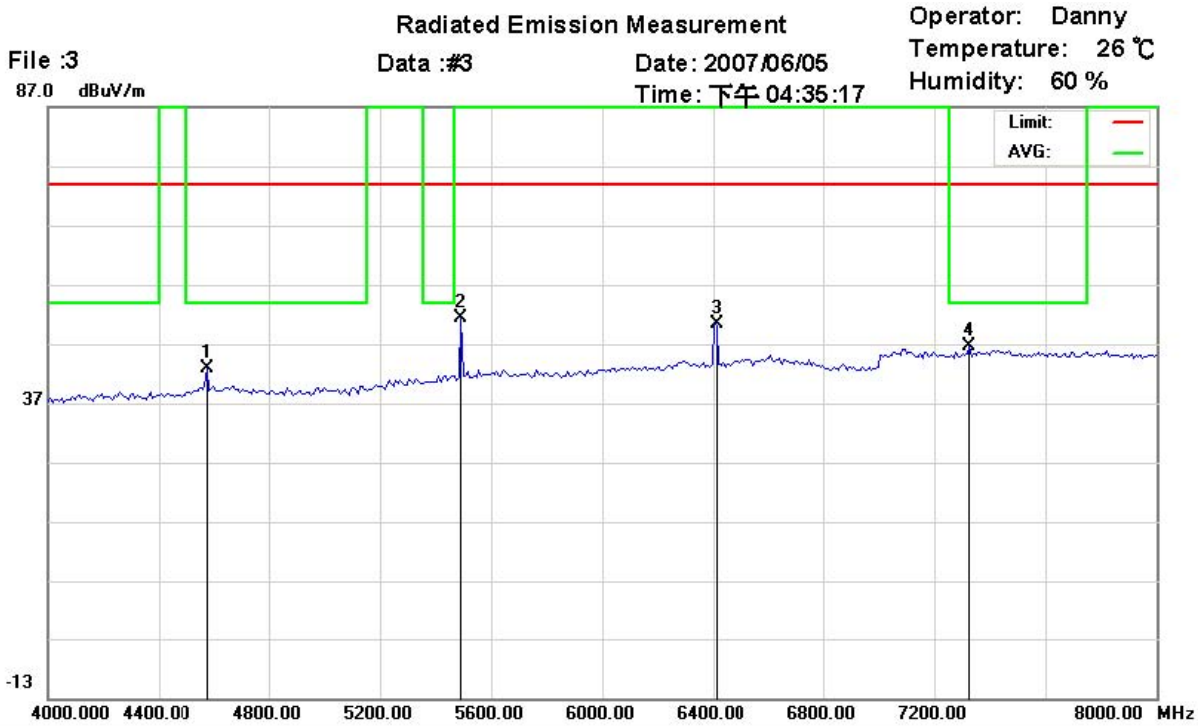

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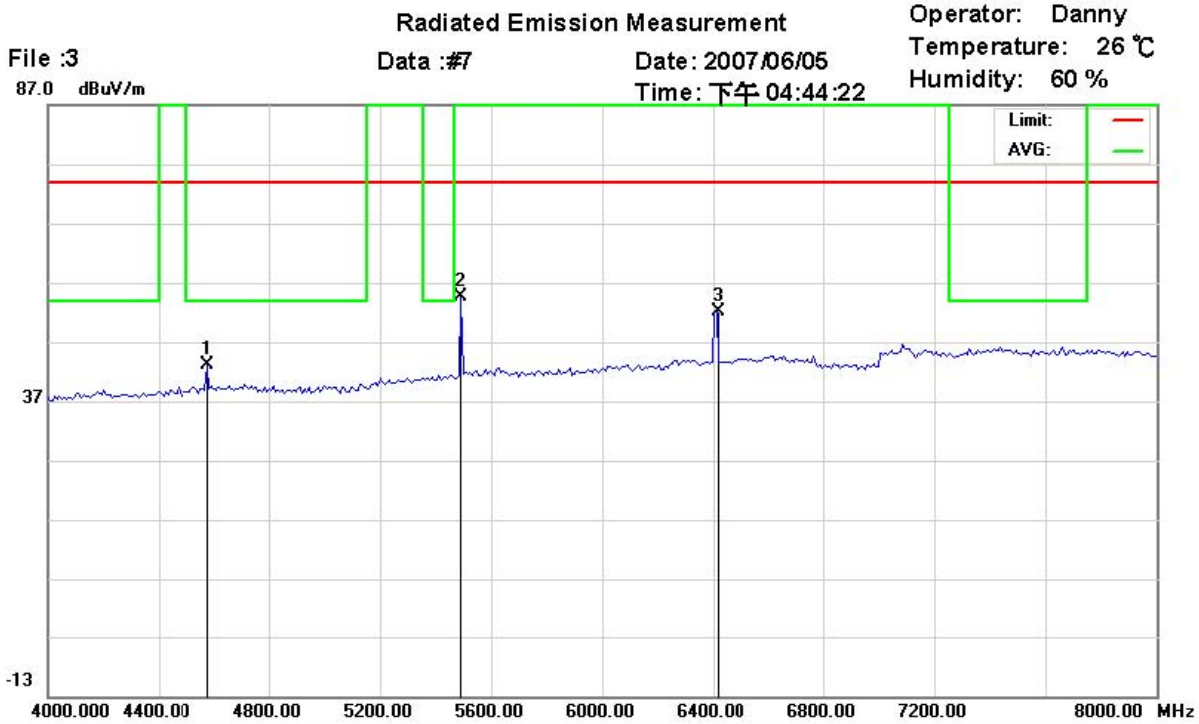

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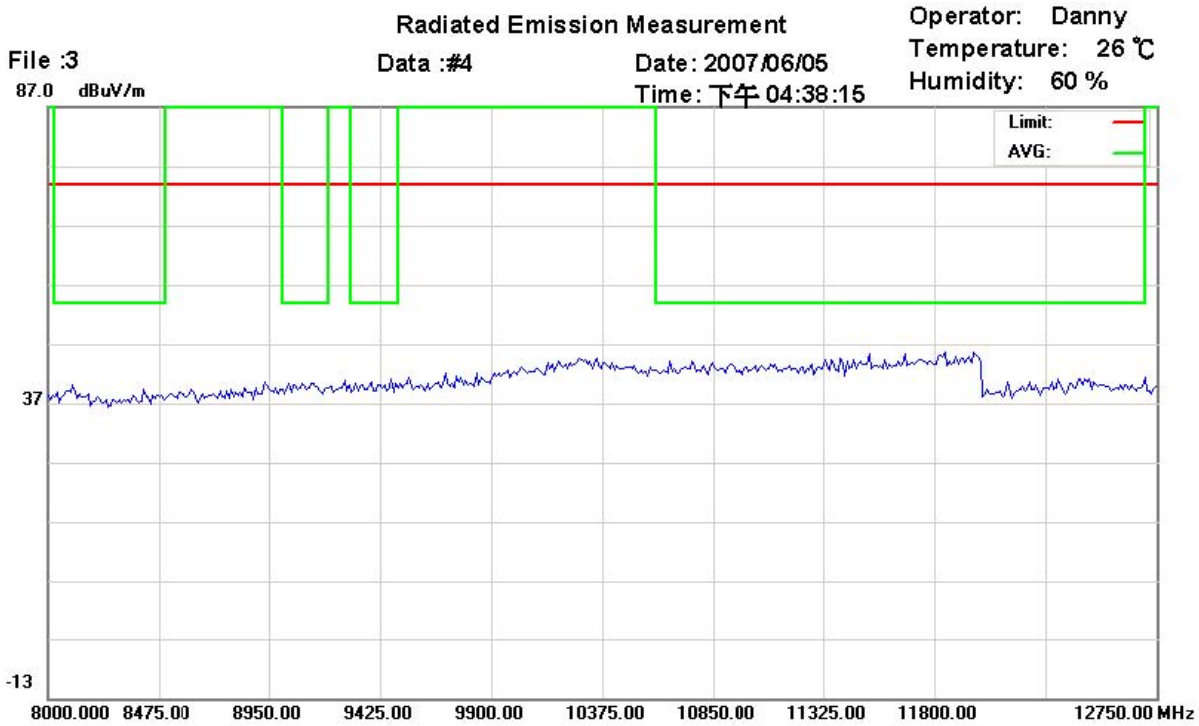

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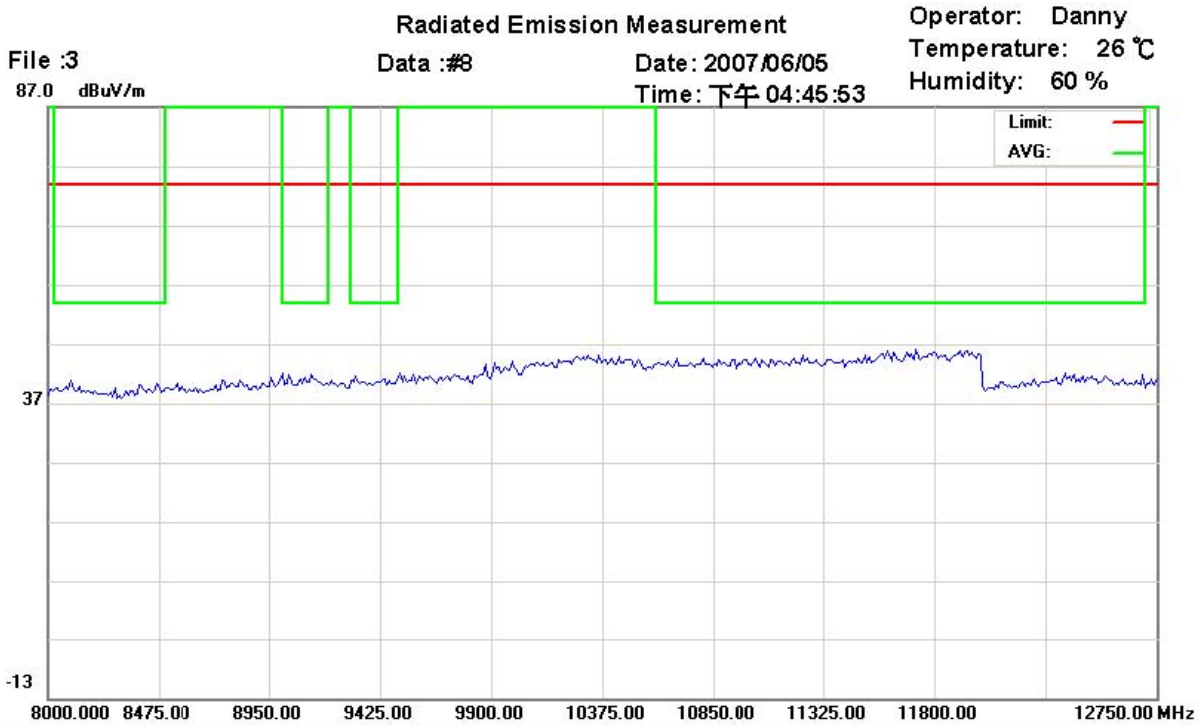

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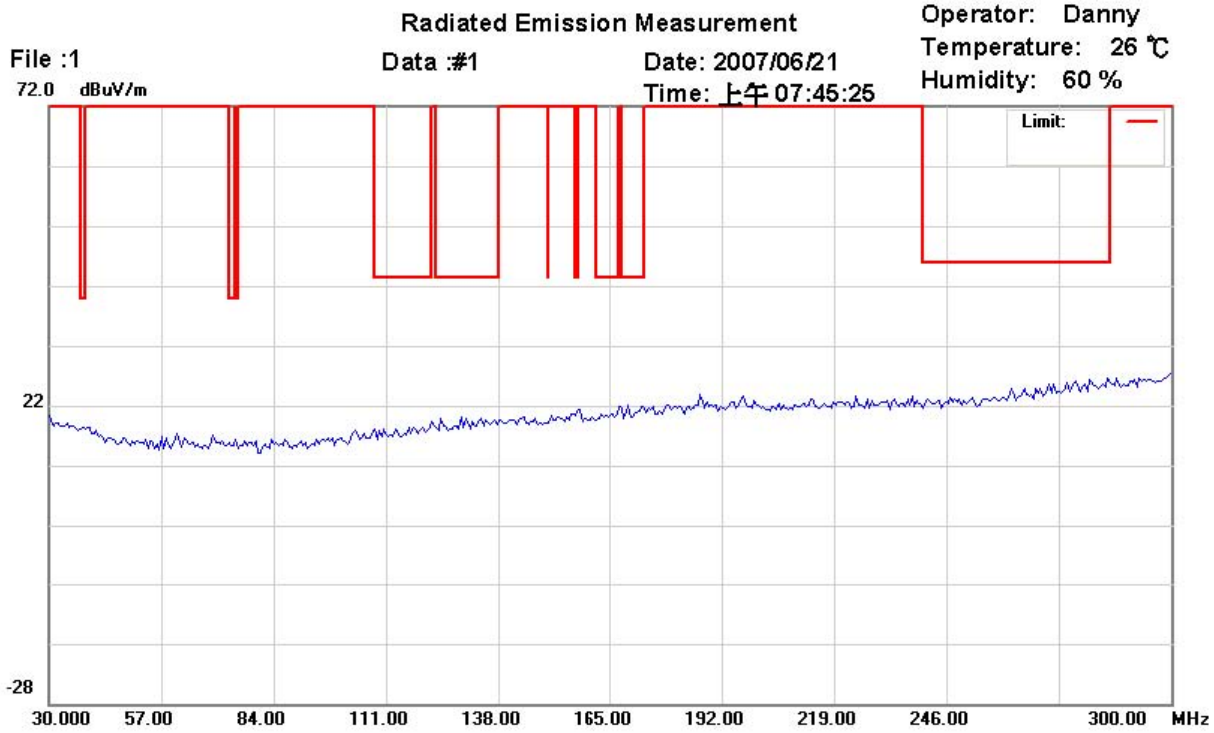

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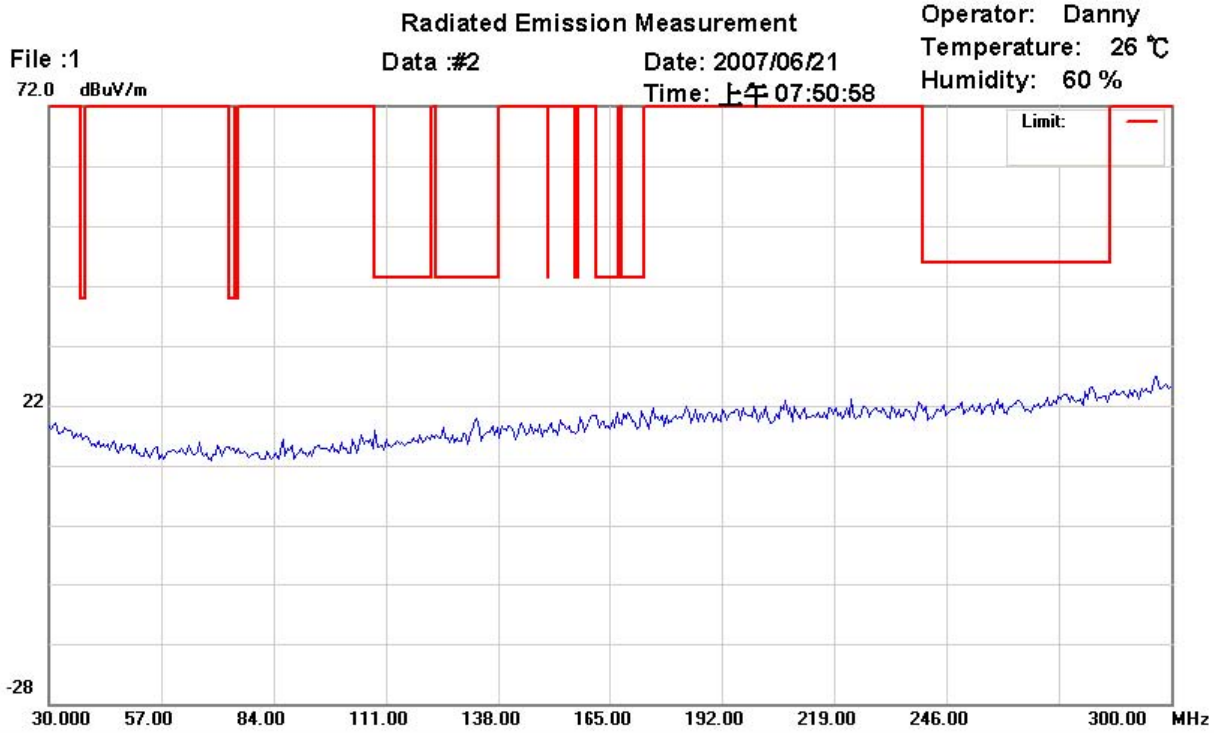

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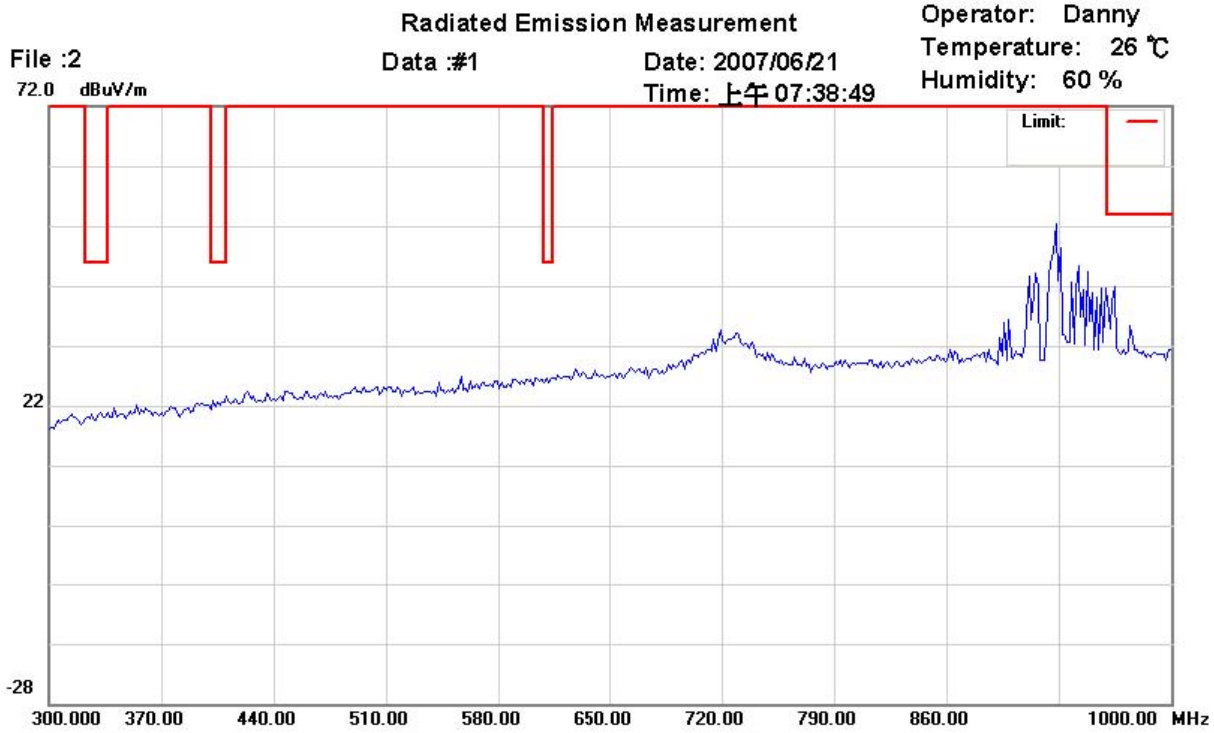

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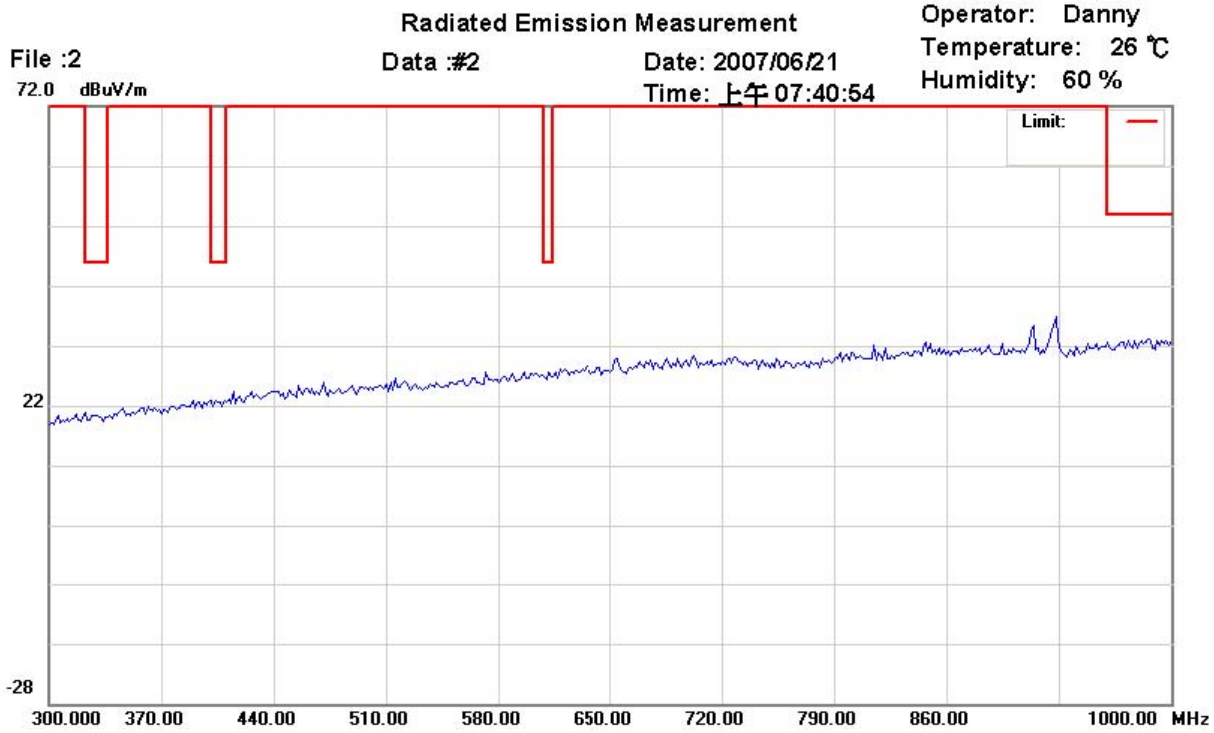

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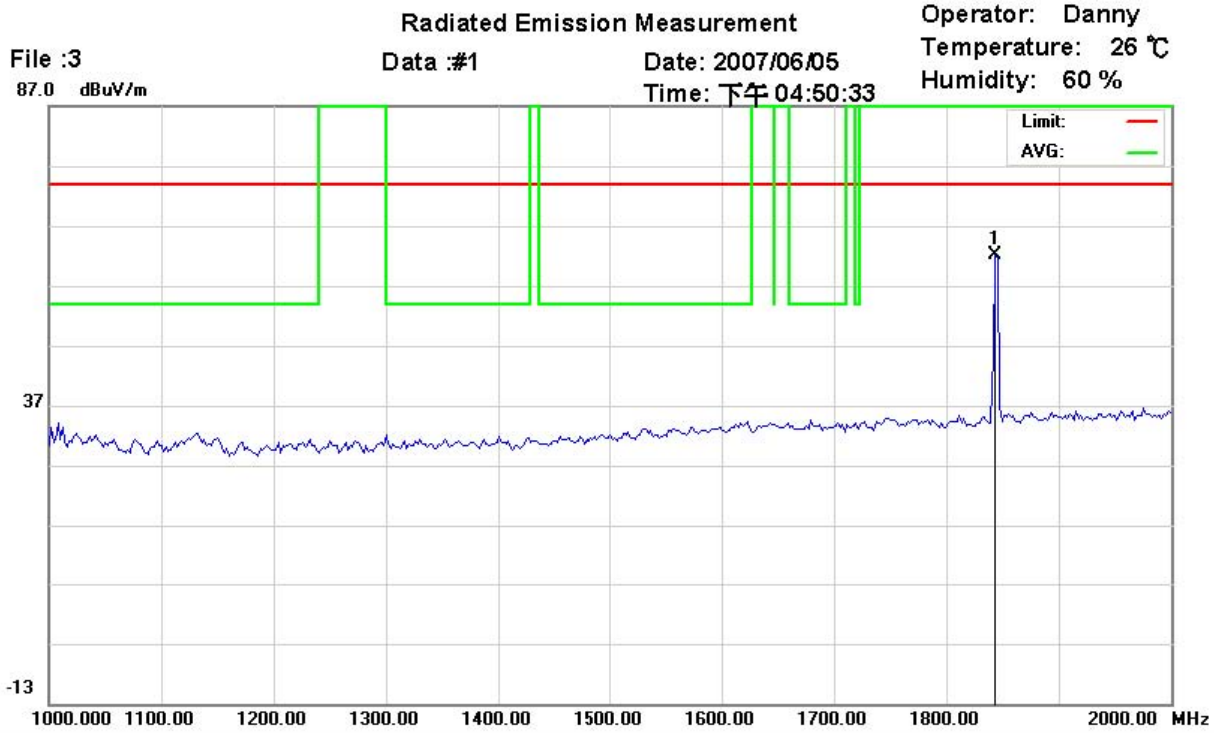

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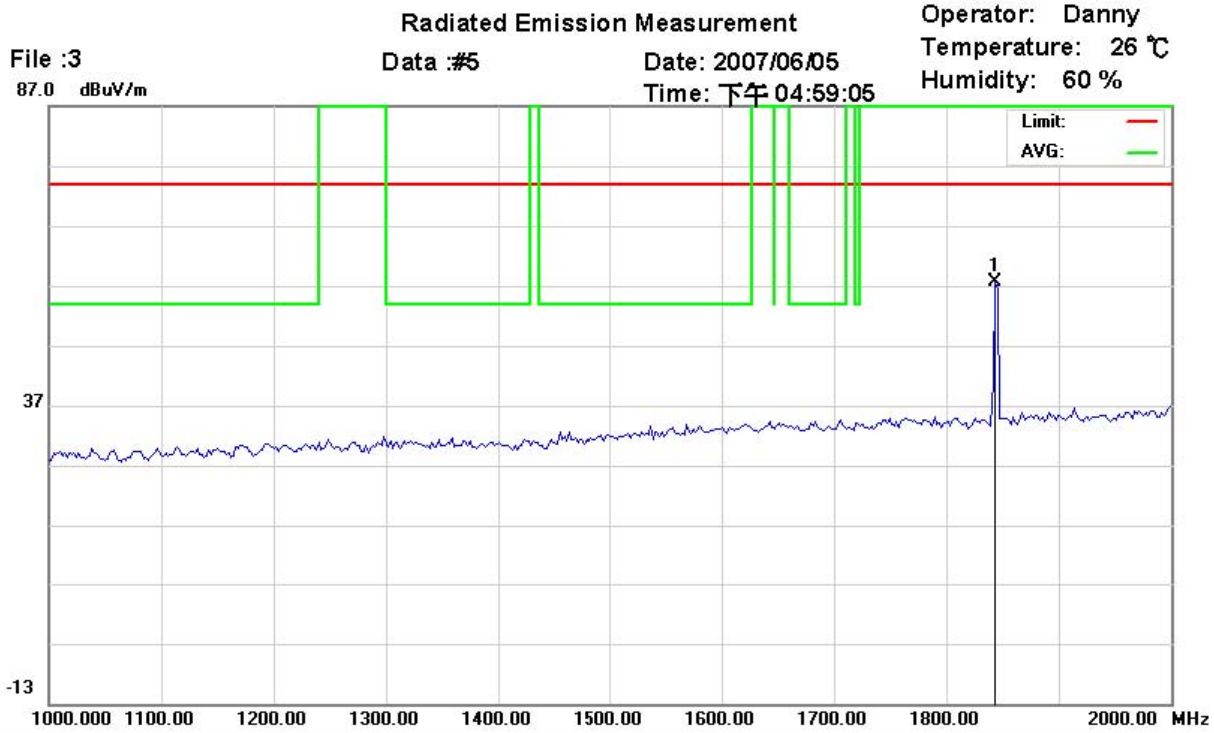

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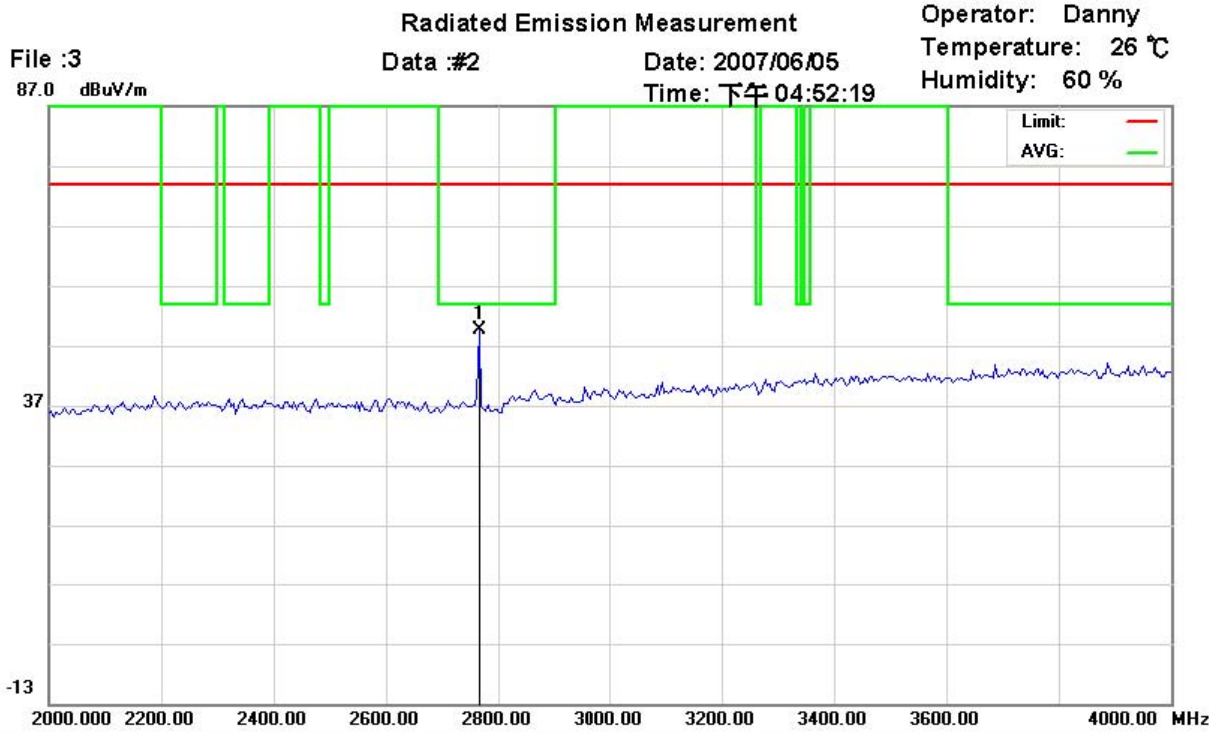

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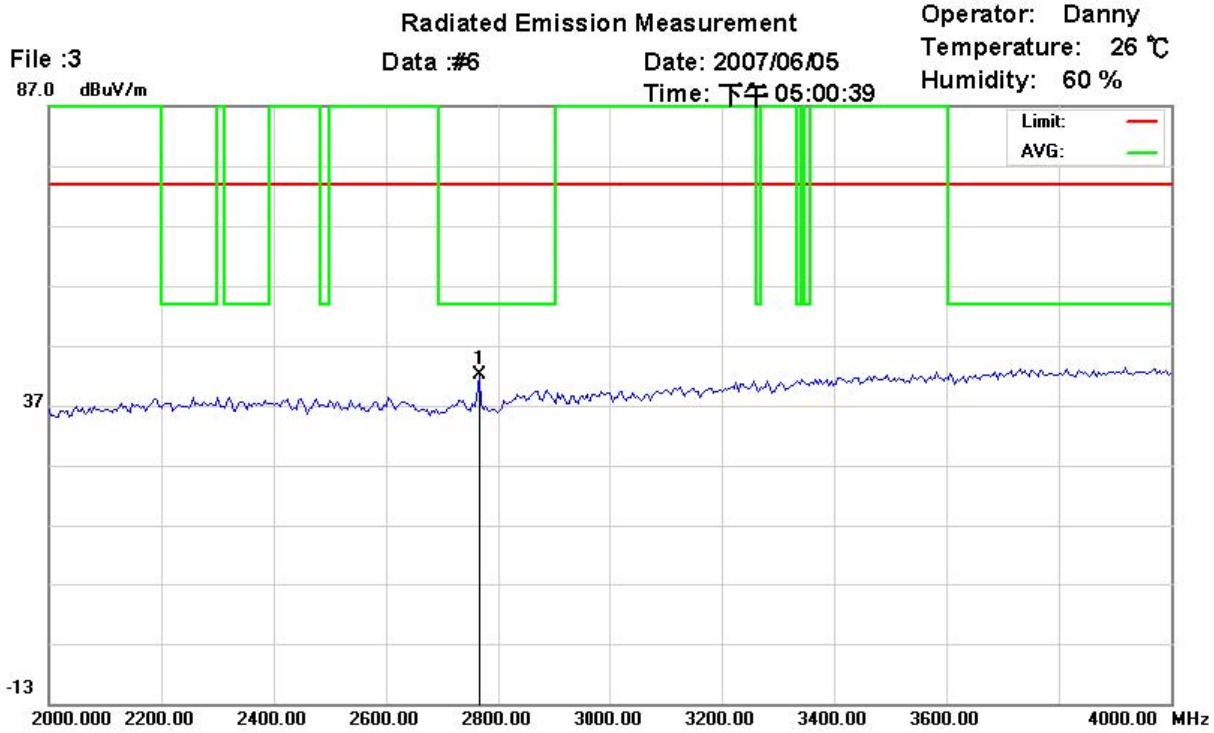

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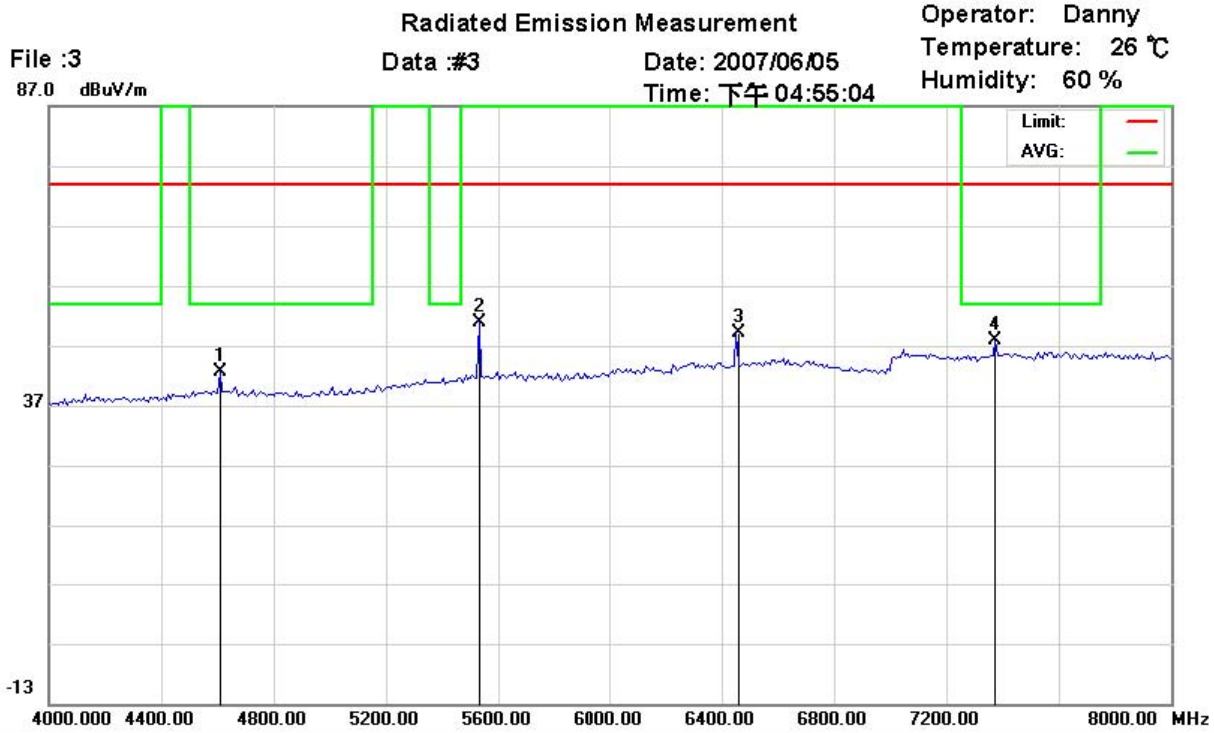

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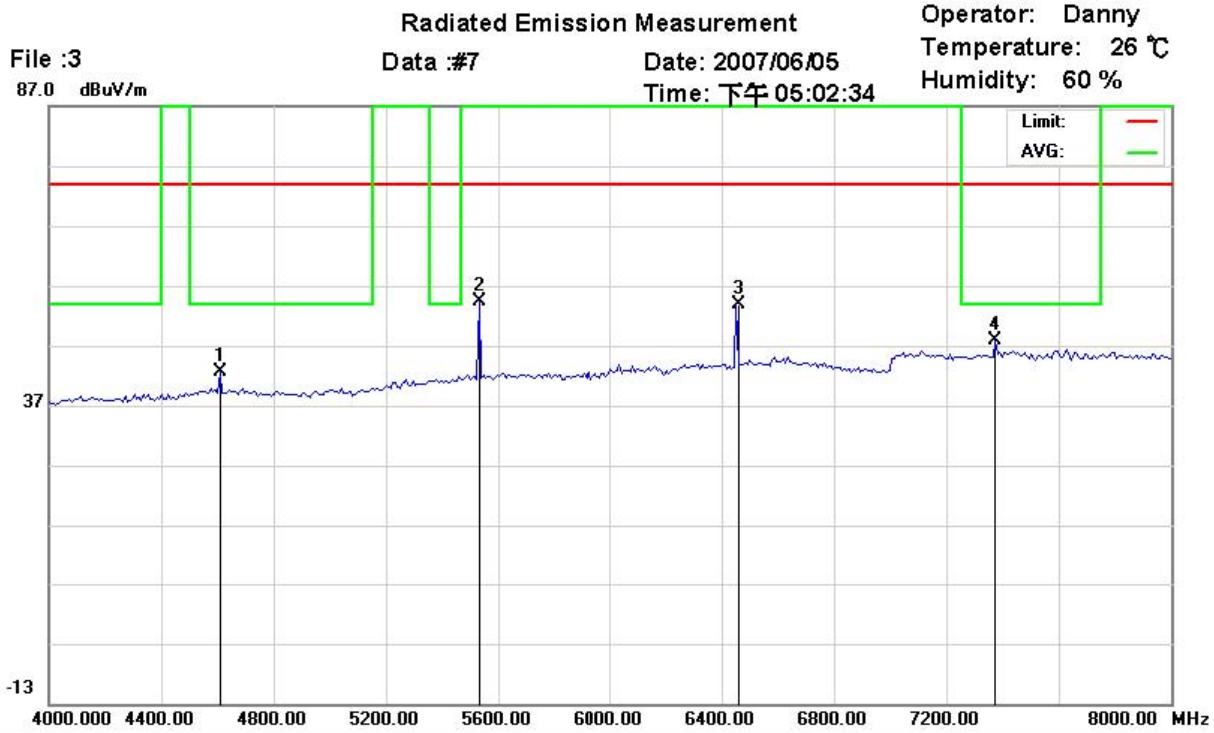
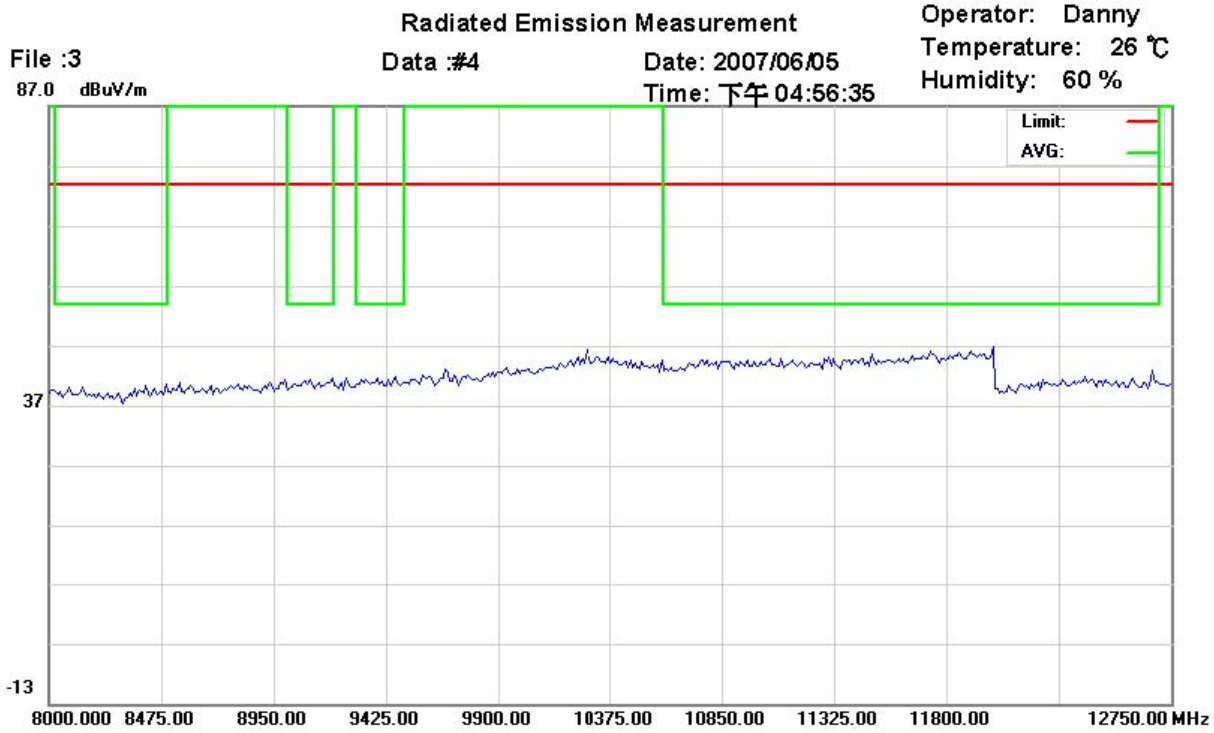


Site : site #1
Condition : FCC 15.247
Company : W6M20706-8180
EUT Model: CATX9000
Execute Program : TX high channel
Note :

Polarization: *Vertical*
Power : DC6V
Distance: 3m

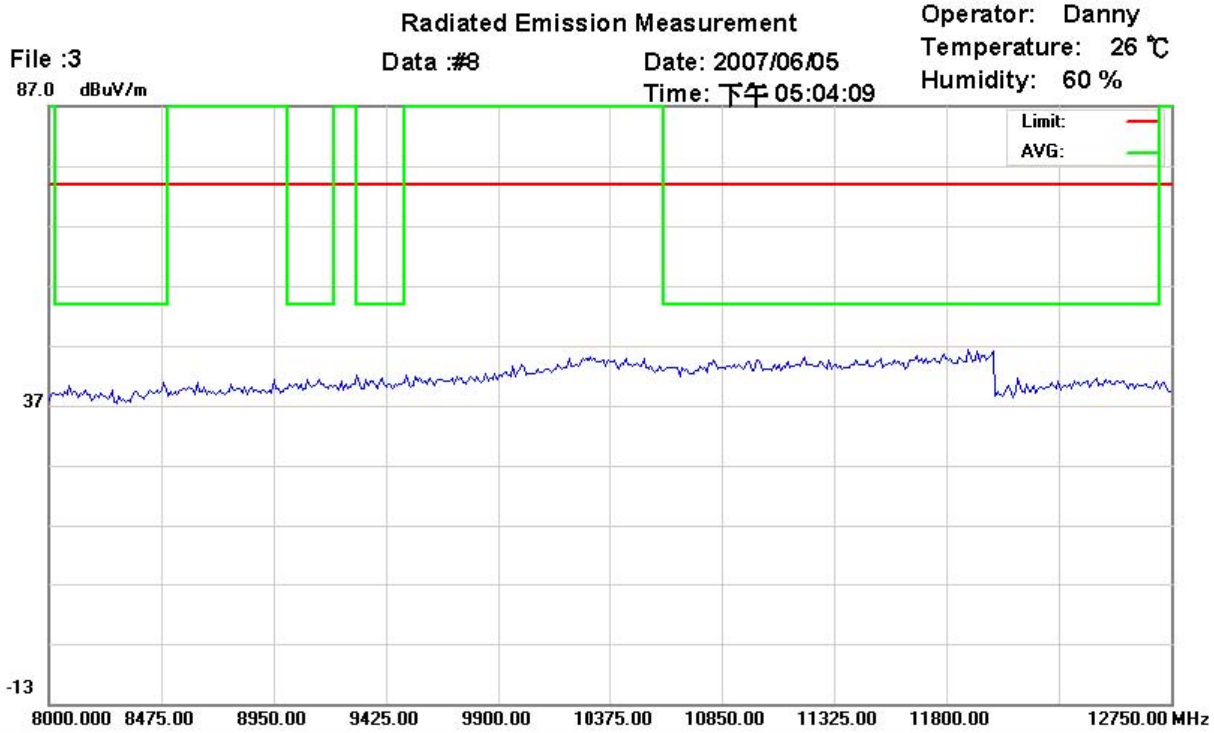
Registration number: W6M20706-8180-P-15
FCC ID : H5OT36



Site : site #1
Condition : FCC 15.247
Company : W6M20706-8180
EUT Model: CATX9000
Execute Program : TX high channel
Note :

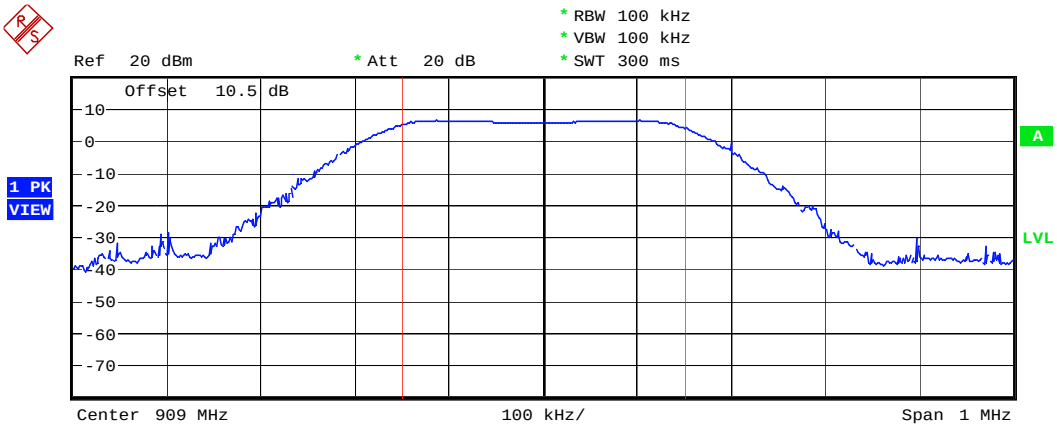
Polarization: *Horizontal*
Power : DC6V
Distance: 3m

Registration number: W6M20706-8180-P-15
FCC ID : H5OT36



Site : site #1
Condition : FCC 15.247
Company : W6M20706-8180
EUT Model: CATX9000
Execute Program : TX high channel
Note :

Polarization: *Vertical*
Power : DC6V
Distance: 3m



Tx Channel

Bandwidth	300 kHz	Power	10.01 dBm

Adjacent Channel

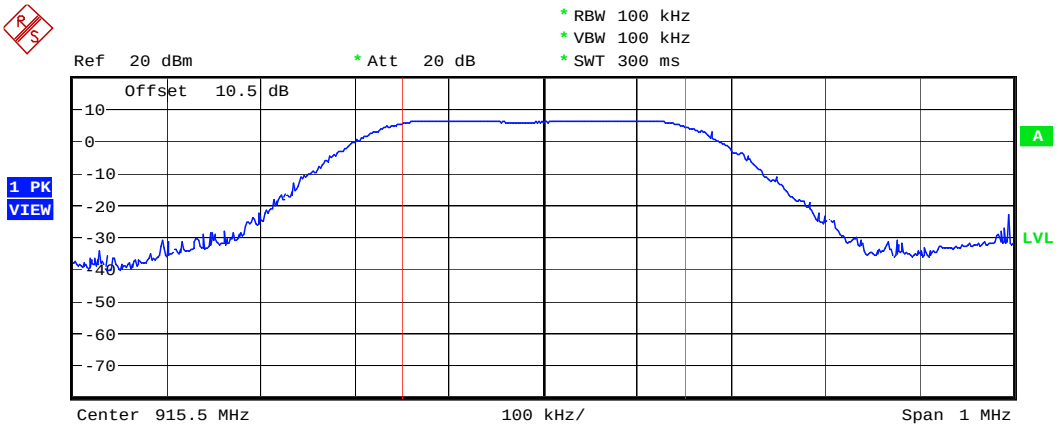
Bandwidth	500 kHz	Lower	-----
Spacing	16.5 MHz	Upper	-----

Alternate Channel

Bandwidth	500 kHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

MAX OUTPUT POWER LOW CHANNEL

Date: 21.JUN.2007 07:18:16



Tx Channel

Bandwidth	300 kHz	Power	10.09 dBm

Adjacent Channel

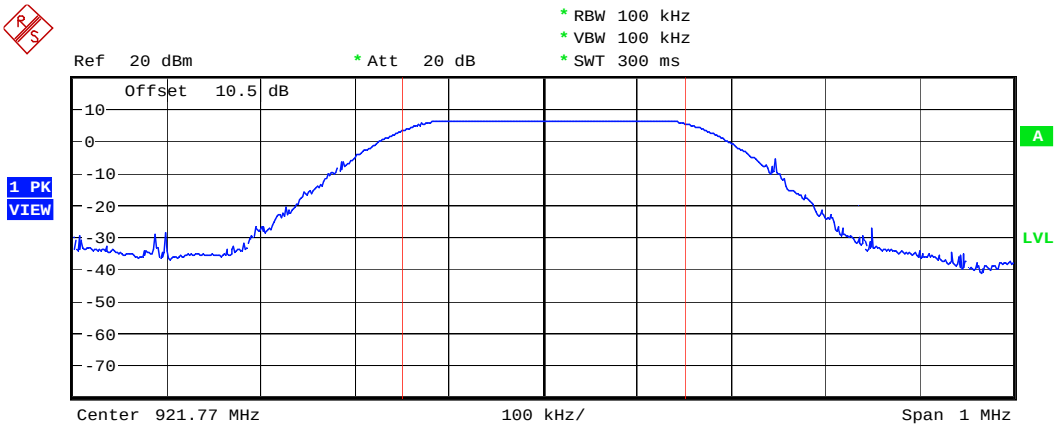
Bandwidth	500 kHz	Lower	-----
Spacing	16.5 MHz	Upper	-----

Alternate Channel

Bandwidth	500 kHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

MAX OUTPUT POWER MIDDLE CHANNEL

Date: 21.JUN.2007 07:19:00



Tx Channel
Bandwidth 300 kHz

Power 10.10 dBm

Adjacent Channel
Bandwidth 500 kHz
Spacing 16.5 MHz

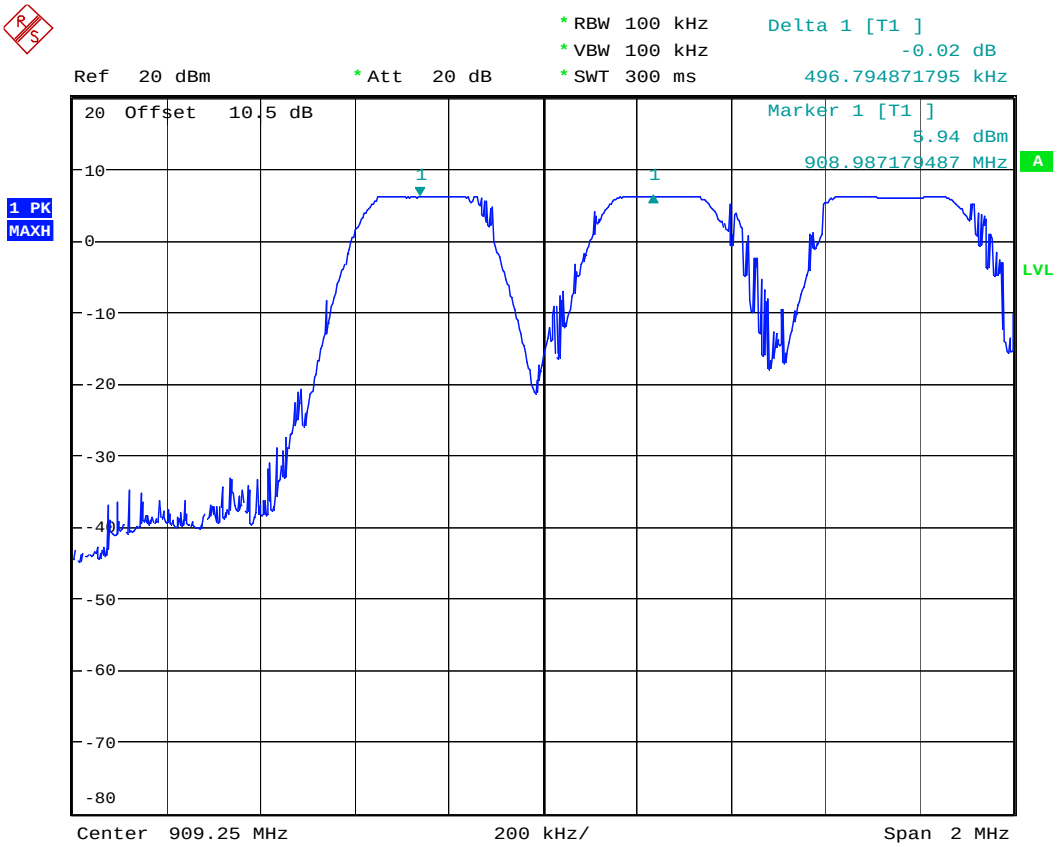
Lower -----
Upper -----

Alternate Channel
Bandwidth 500 kHz
Spacing 27.5 MHz

Lower -----
Upper -----

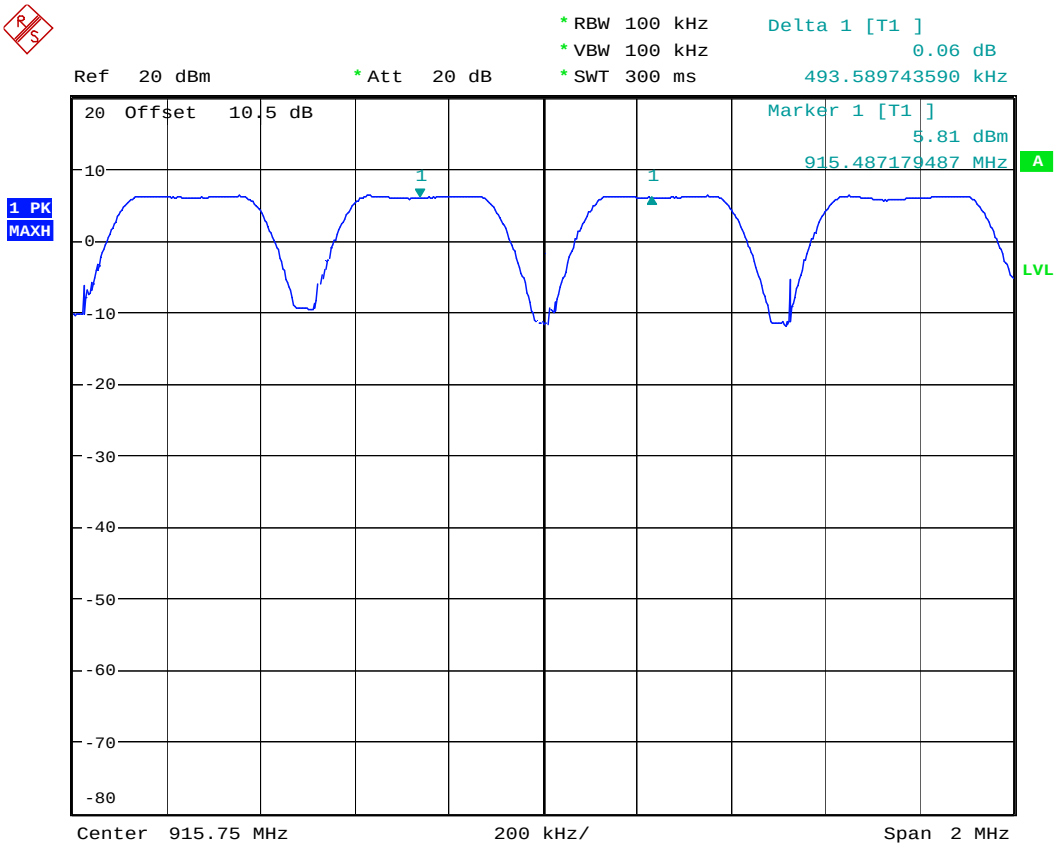
MAX OUTPUT POWER HIGH CHANNEL

Date: 21.JUN.2007 07:19:36



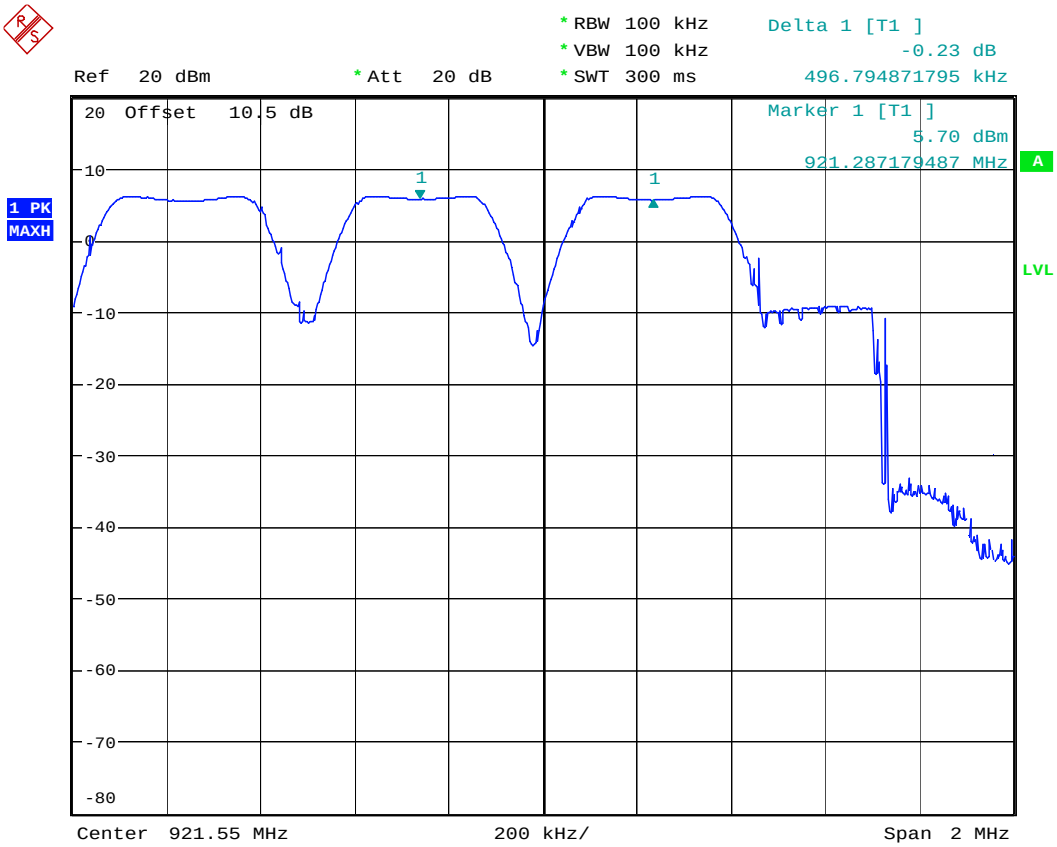
FREQUENCY SEPARATION LOW CHANNEL

Date: 21.JUN.2007 07:38:06



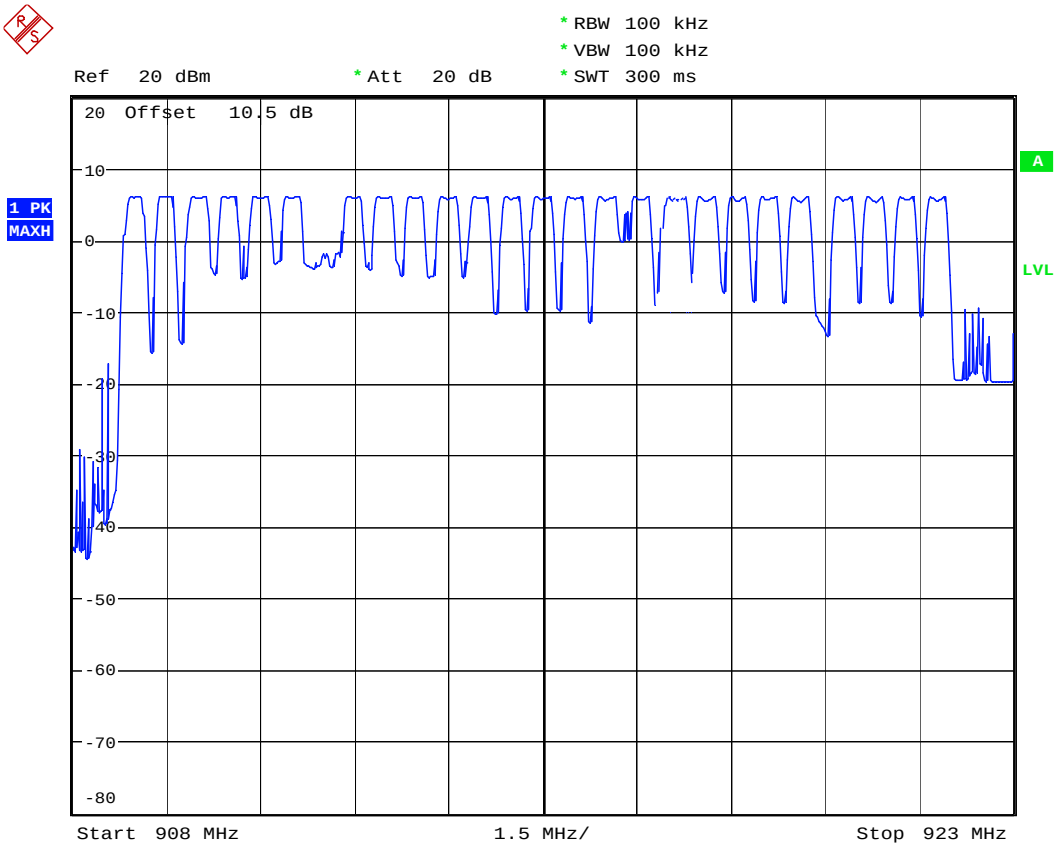
FREQUENCY SEPARATION MIDDLE CHANNEL

Date: 21.JUN.2007 07:39:02



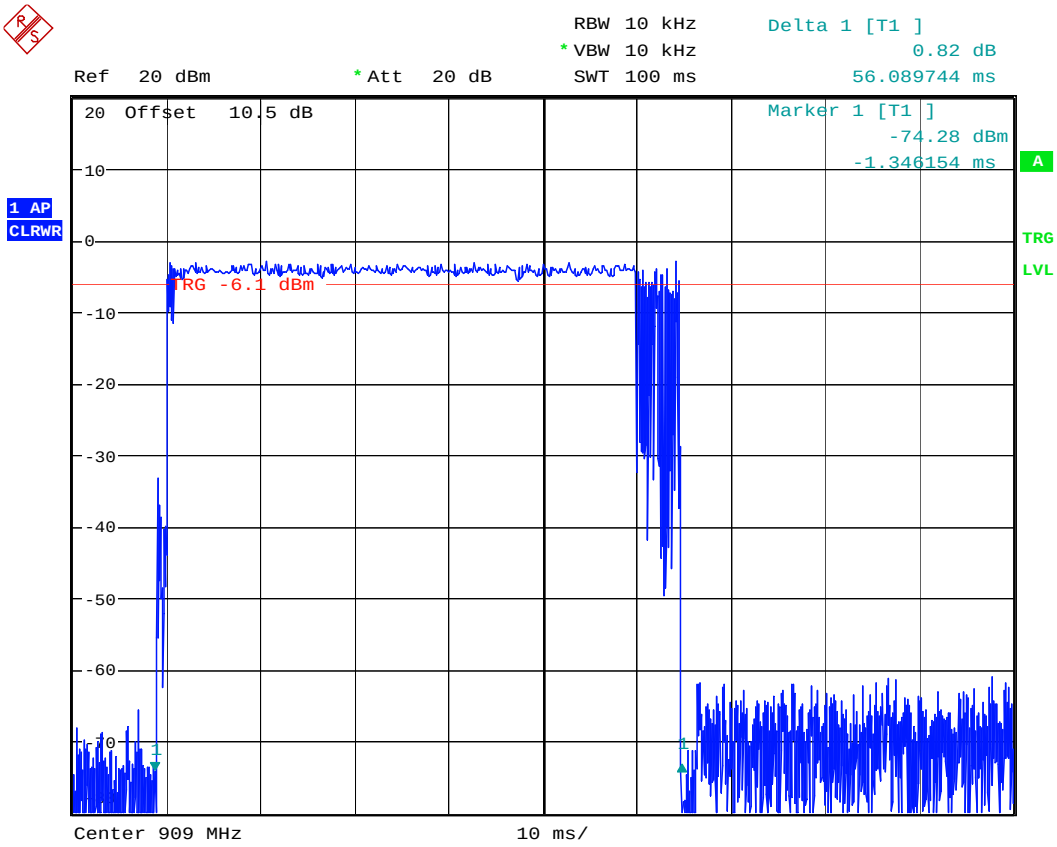
FREQUENCY SEPARATION HIGH CHANNEL

Date: 21.JUN.2007 07:43:32



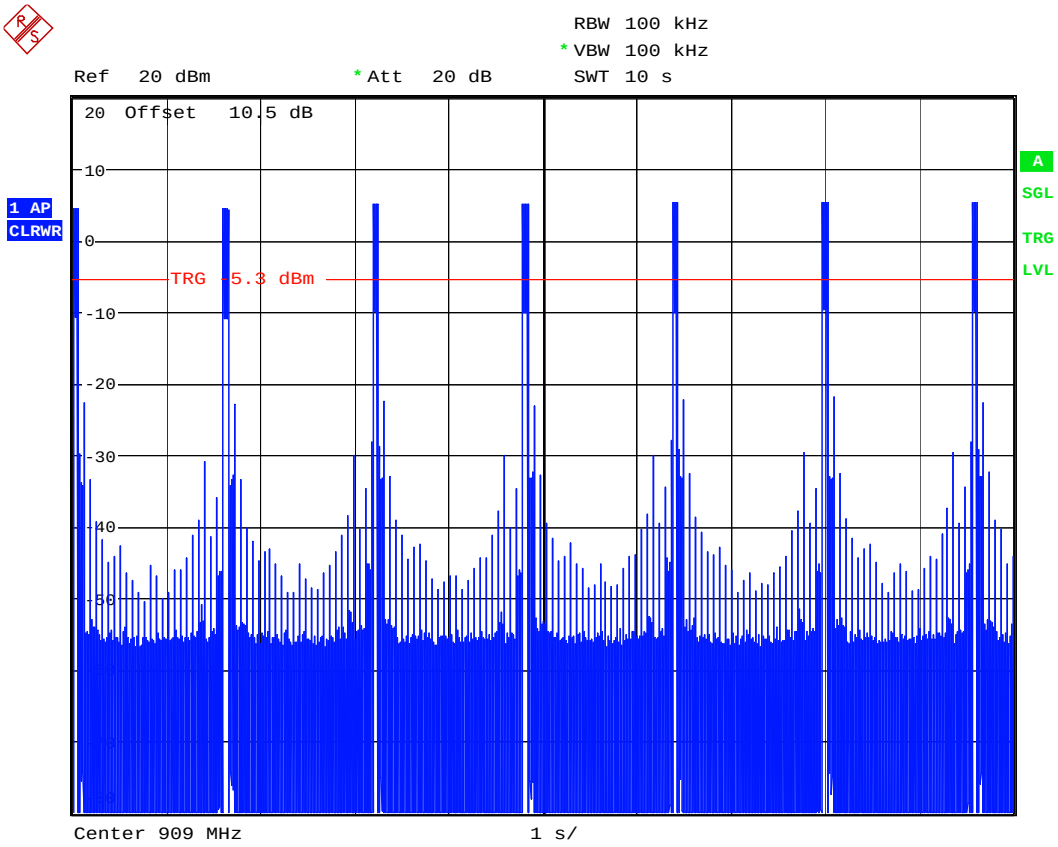
NUMBER OF HOPPING

Date: 21.JUN.2007 07:36:02



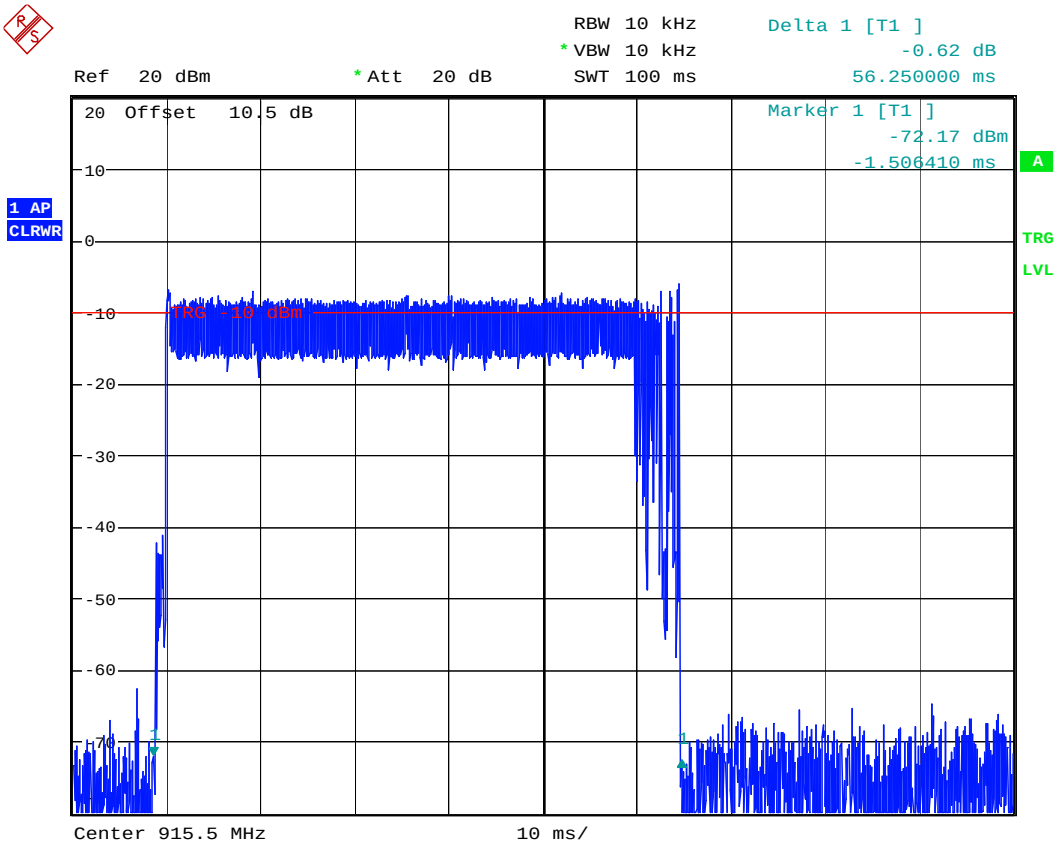
DWELL TIME LOW CHANNEL(56.090ms * 7event = 392.63ms)

Date: 21.JUN.2007 07:45:38



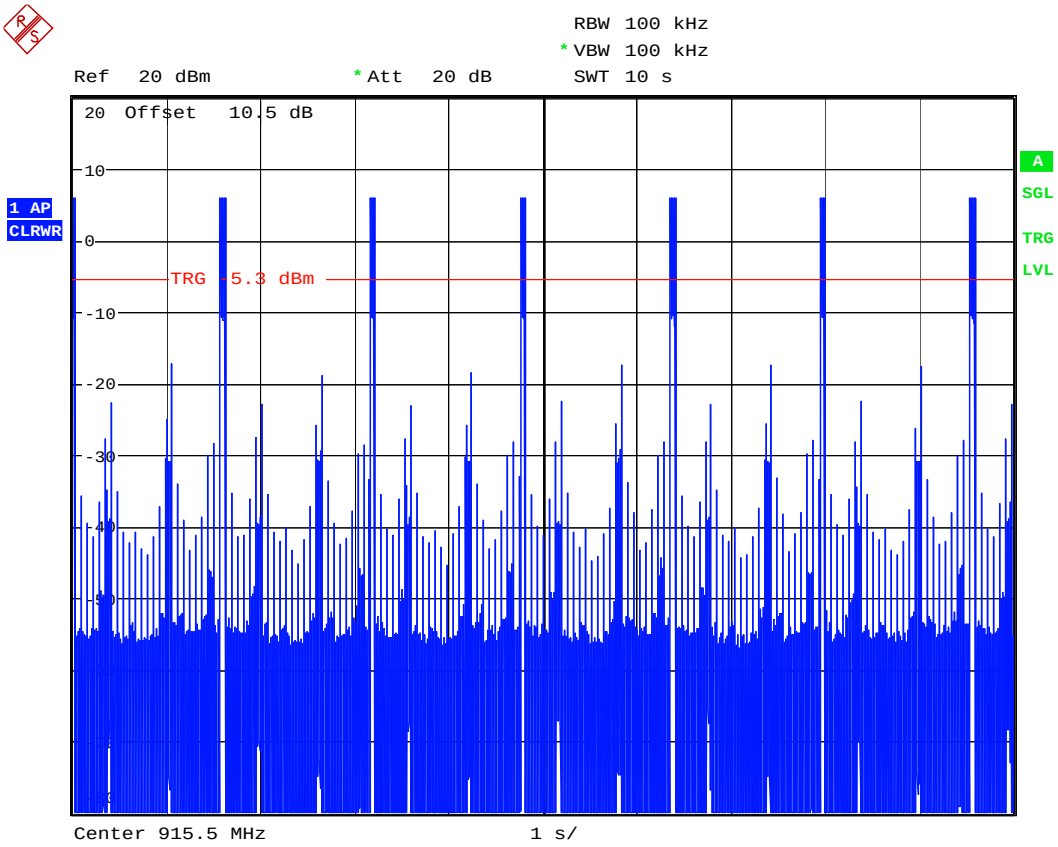
DWELL TIME LOW CHANNEL(56.090ms * 7event = 392.63ms)

Date: 4.JUL.2007 17:32:05



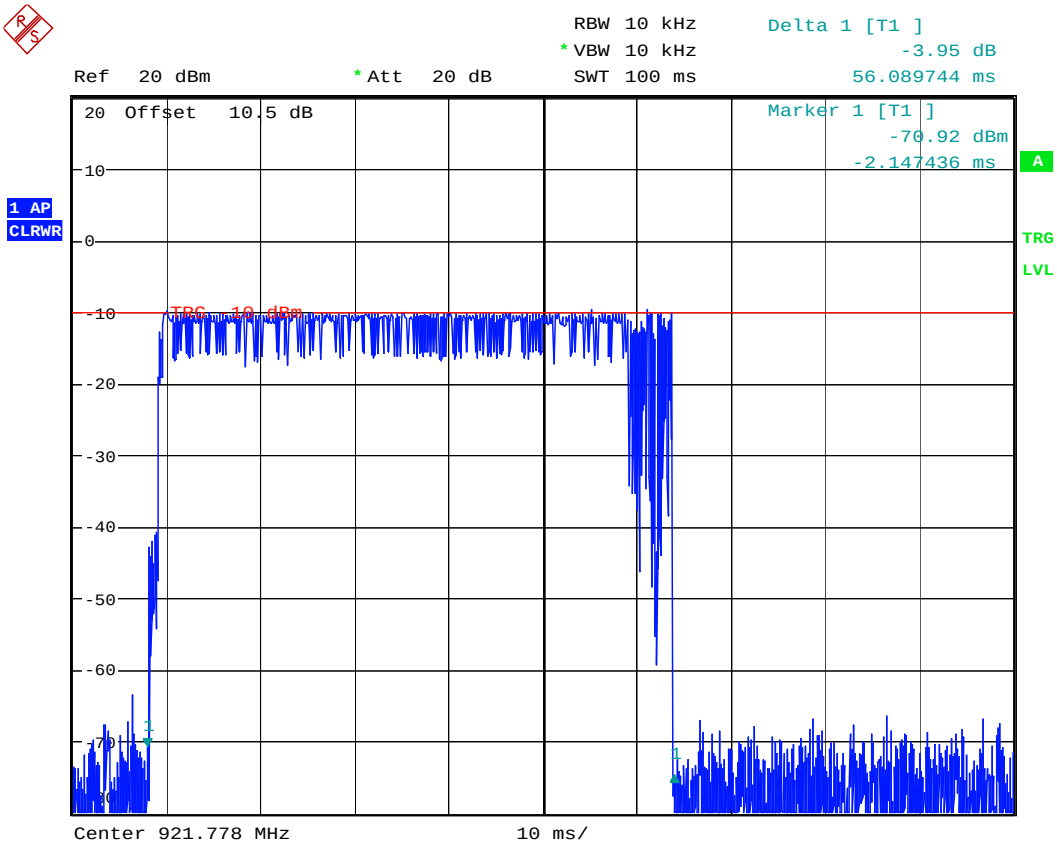
DWELL TIME MIDDLE CHANNEL(56.250ms * 7event = 393.75ms)

Date: 21.JUN.2007 07:46:35



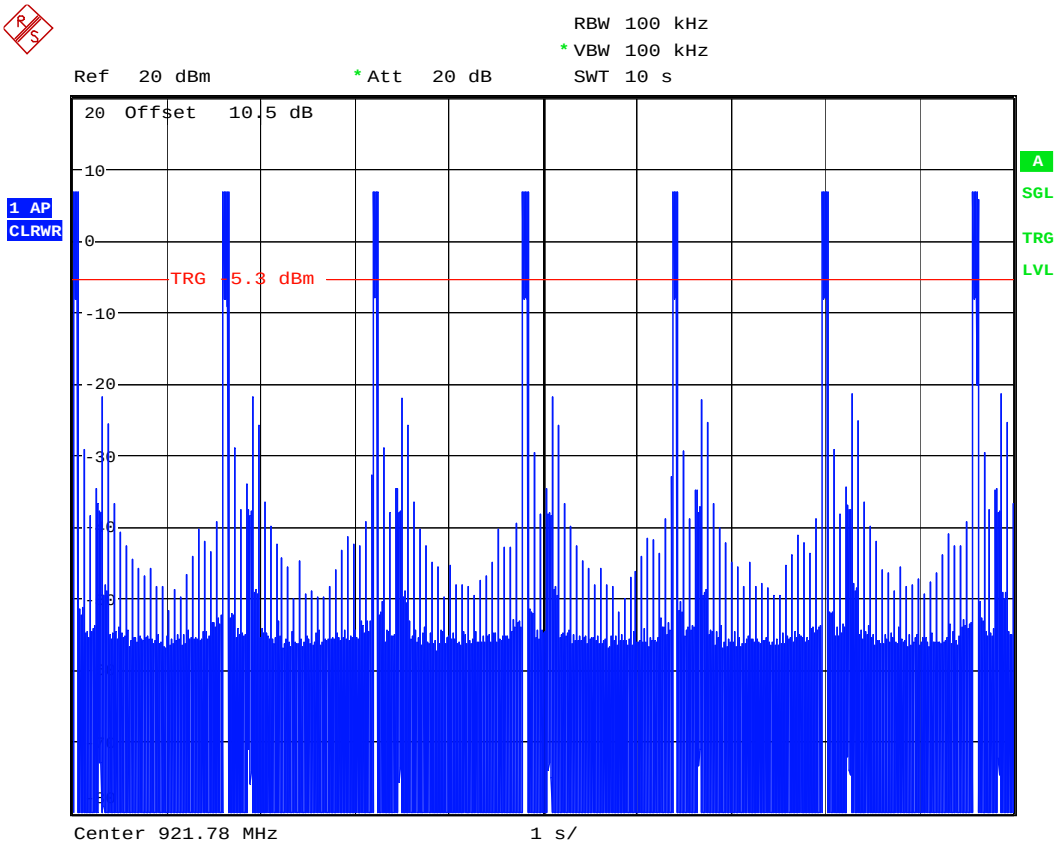
DWELL TIME MIDDLE CHANNEL(56.250ms * 7event = 393.75ms)

Date: 4.JUL.2007 17:32:58



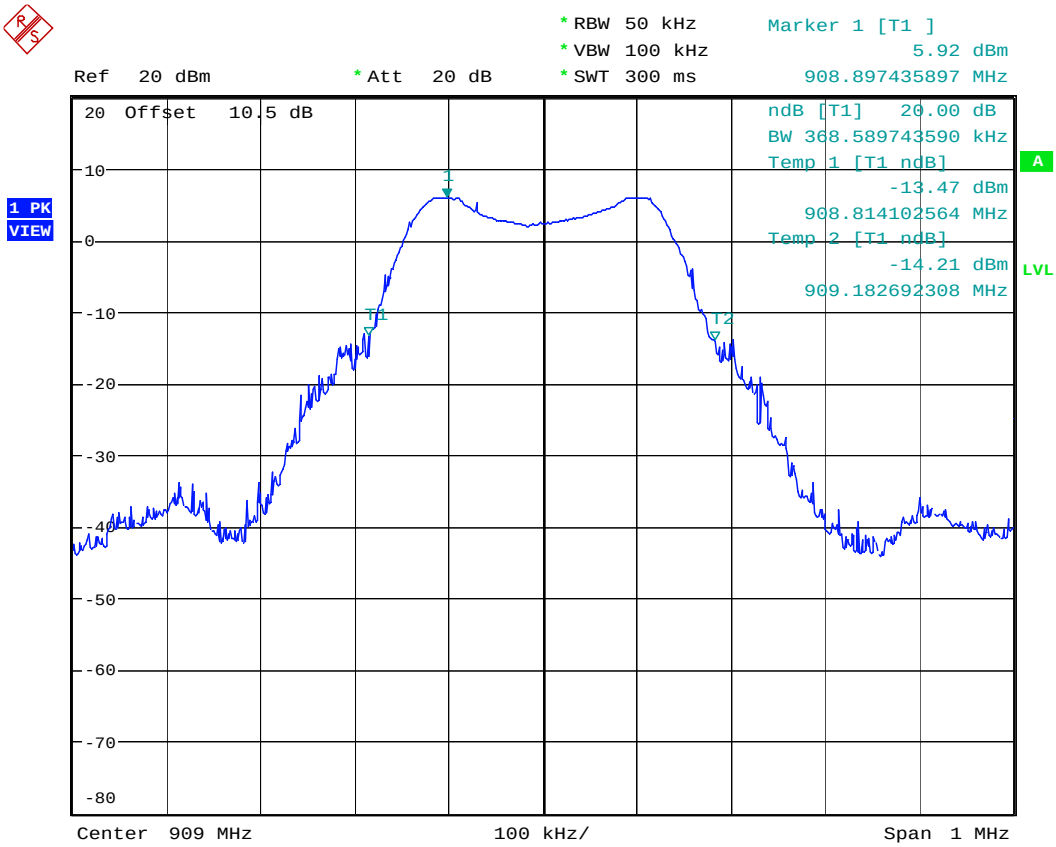
DWELL TIME HIGH CHANNEL(56.090ms * 7event = 392.63ms)

Date: 21.JUN.2007 07:47:10



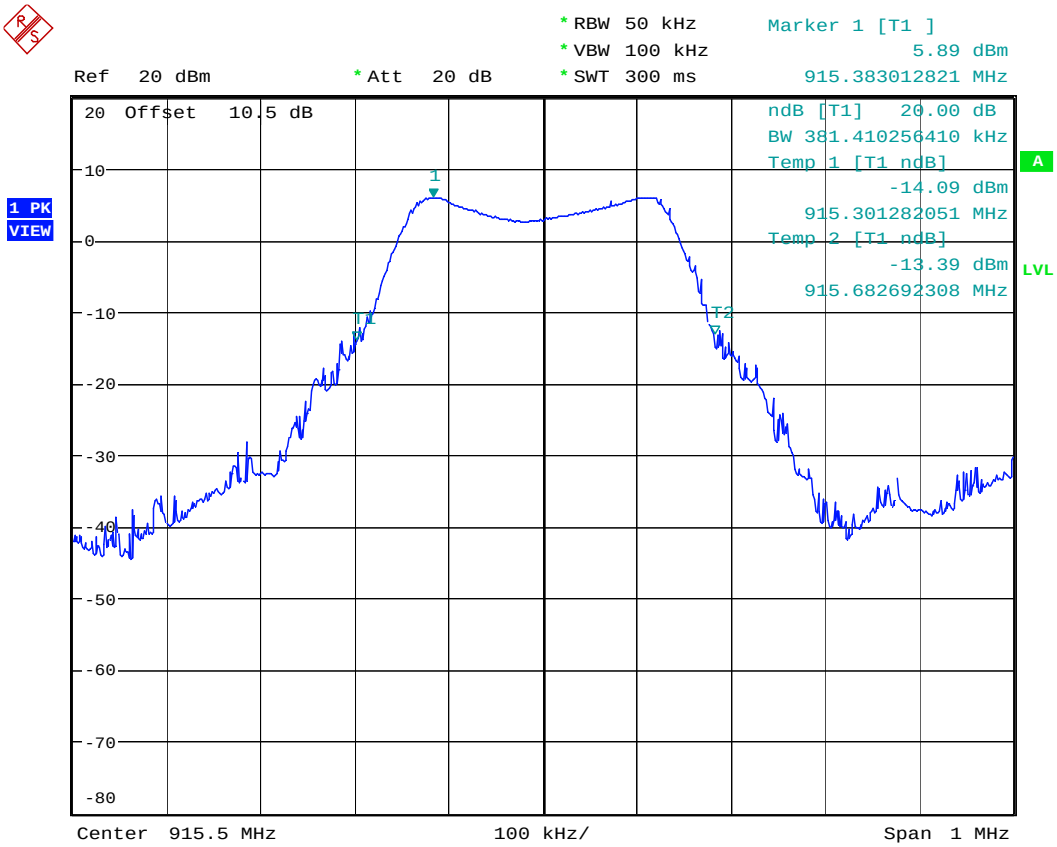
DWELL TIME HIGH CHANNEL(56.090ms * 7event = 392.63ms)

Date: 4.JUL.2007 17:33:34



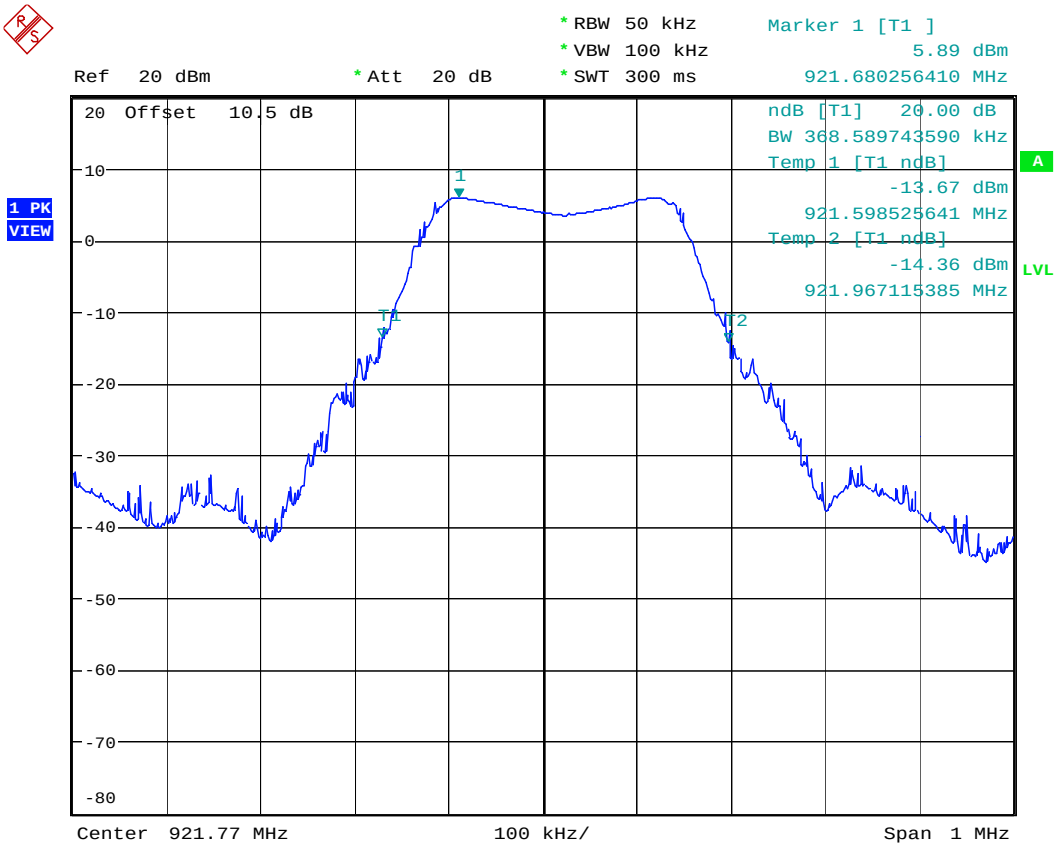
20DB BANDWIDTH LOW CHANNEL

Date: 21.JUN.2007 07:23:10



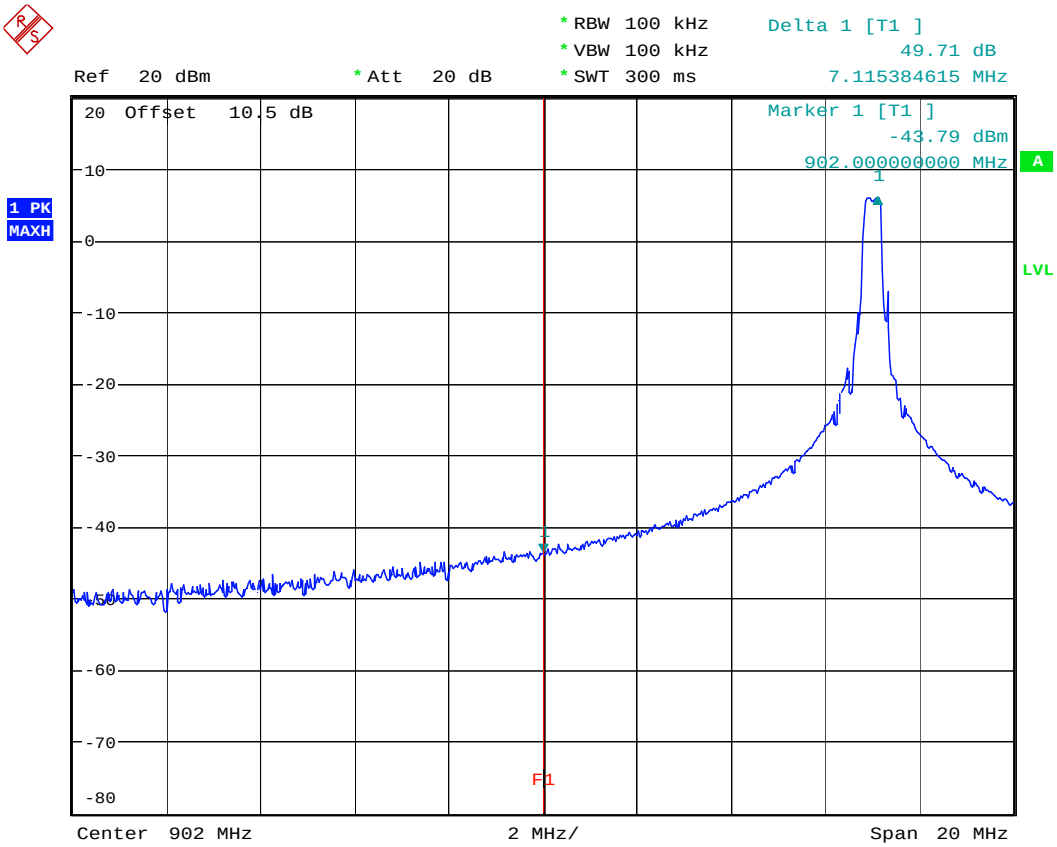
20DB BANDWIDTH MIDDLE CHANNEL

Date: 21.JUN.2007 07:22:36



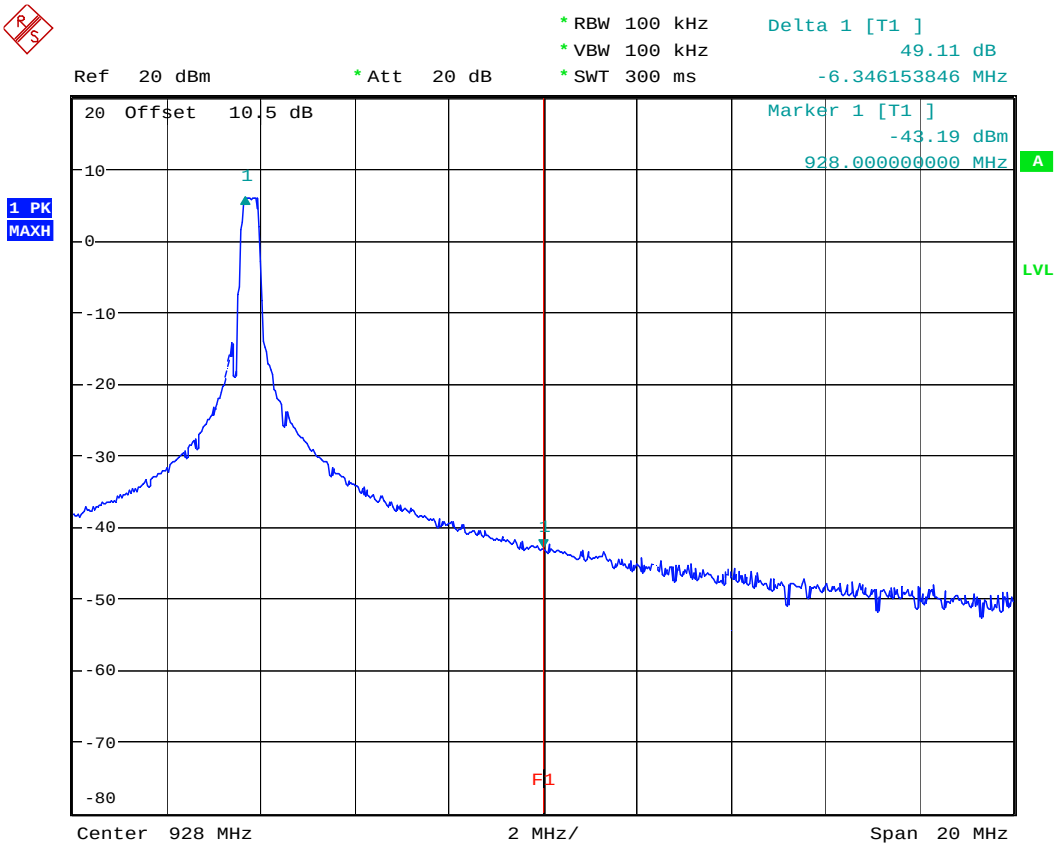
20DB BANDWIDTH HIGH CHANNEL

Date: 21.JUN.2007 07:21:59



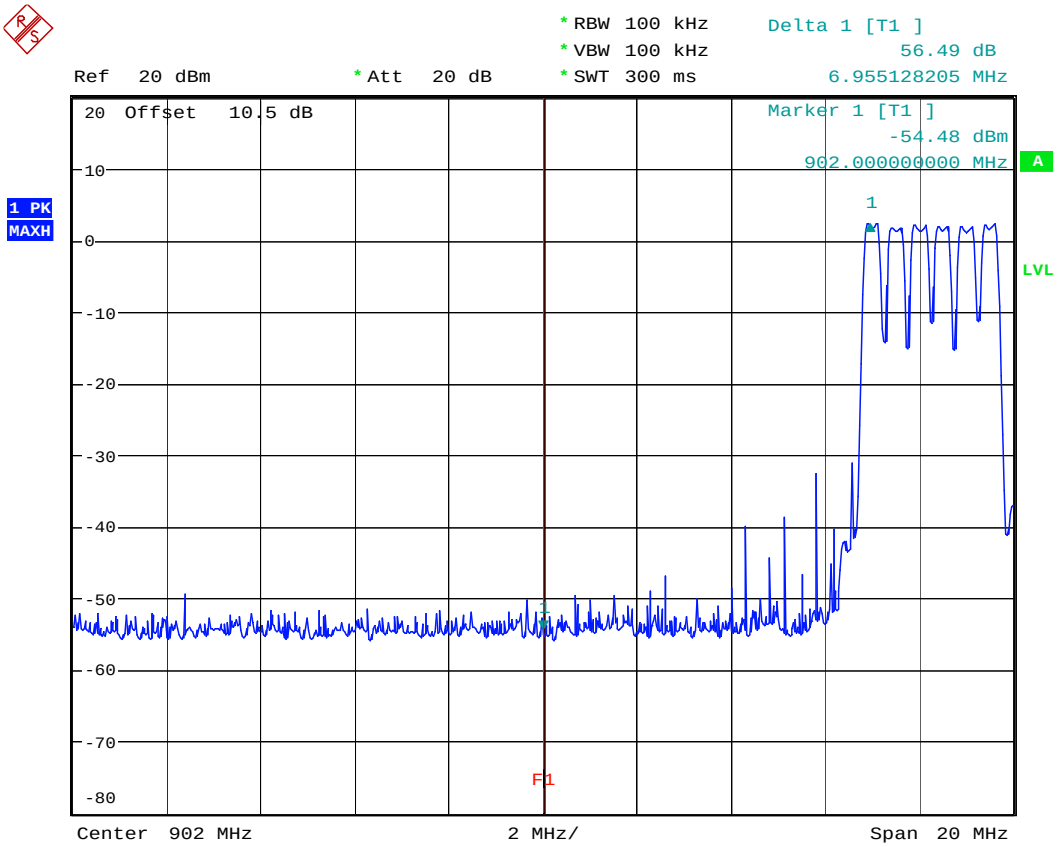
BANDEDGE LOW CHANNEL

Date: 21.JUN.2007 07:27:09



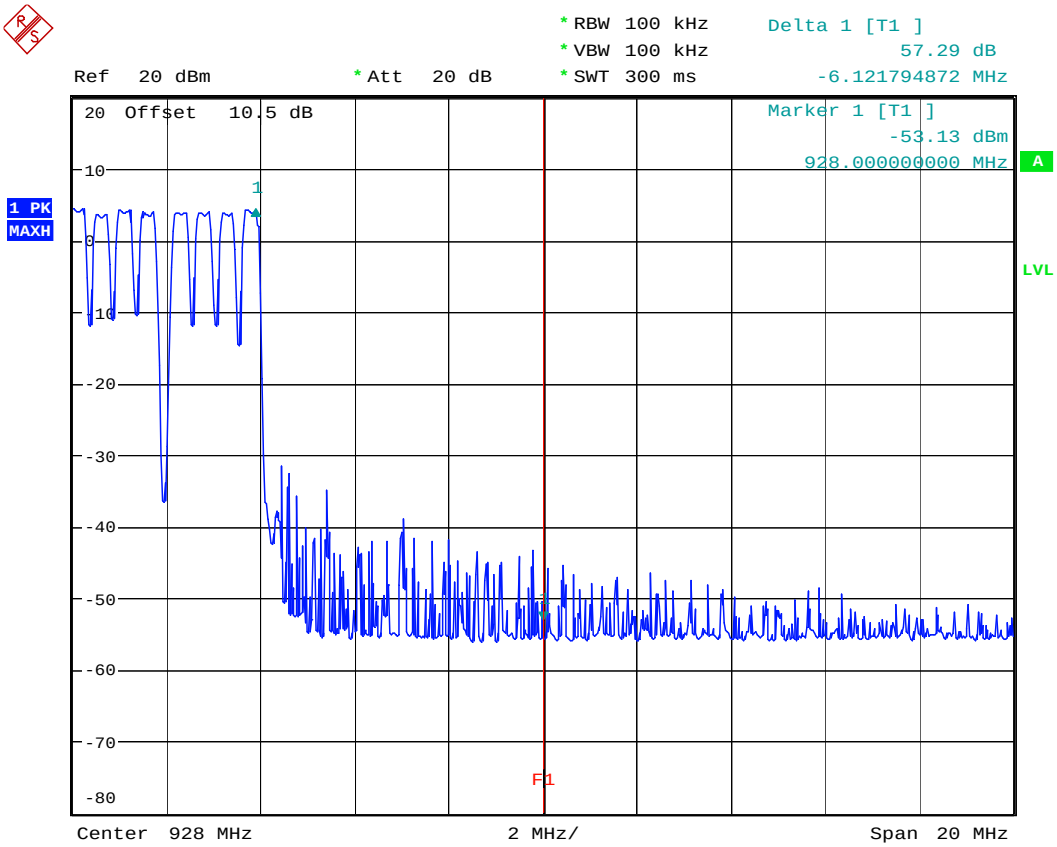
BANDEDGE HIGH CHANNEL

Date: 21.JUN.2007 07:30:48



BANDEDGE LOW CHANNEL HOPPING MODE

Date: 4.JUL.2007 15:32:49



BANDEDGE HIGH CHANNEL HOPPING MODE

Date: 4.JUL.2007 15:35:07