

Additional TEST CHARTS

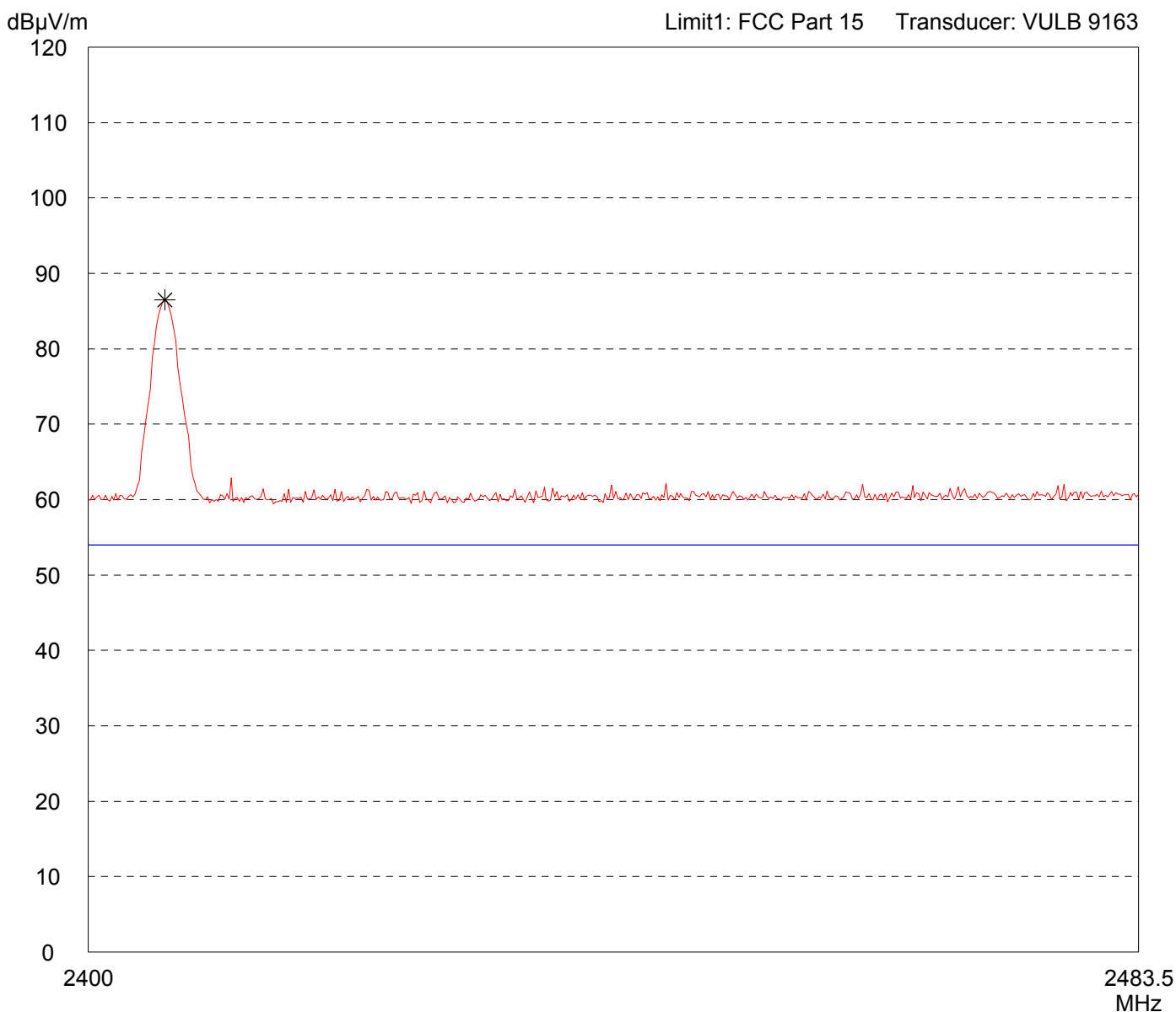
Applicant: AEROCOMM, Inc.

**Equipment
under Testing:** CL4424-100
with ANTENNA FACTOR ANT-DB2-916/2.4-RP-SMA

Radiated Emission Test 2.4 GHz - 2.4835 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - Low Channel
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Horizontal Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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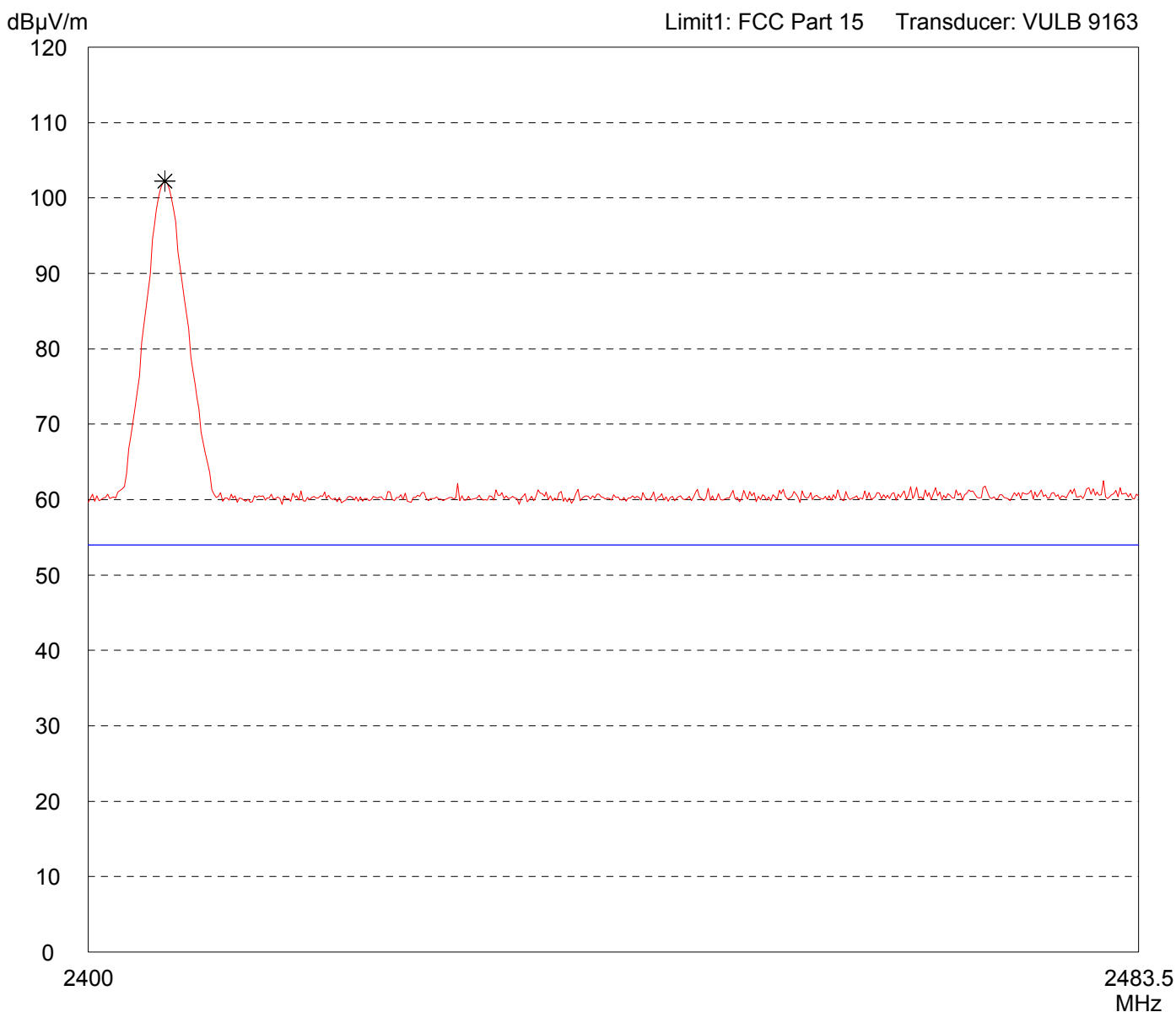


Result: Limit kept	Project file: 56109-50142-4
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Radiated Emission Test 2.4 GHz - 2.4835 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - Low Channel
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Vertical Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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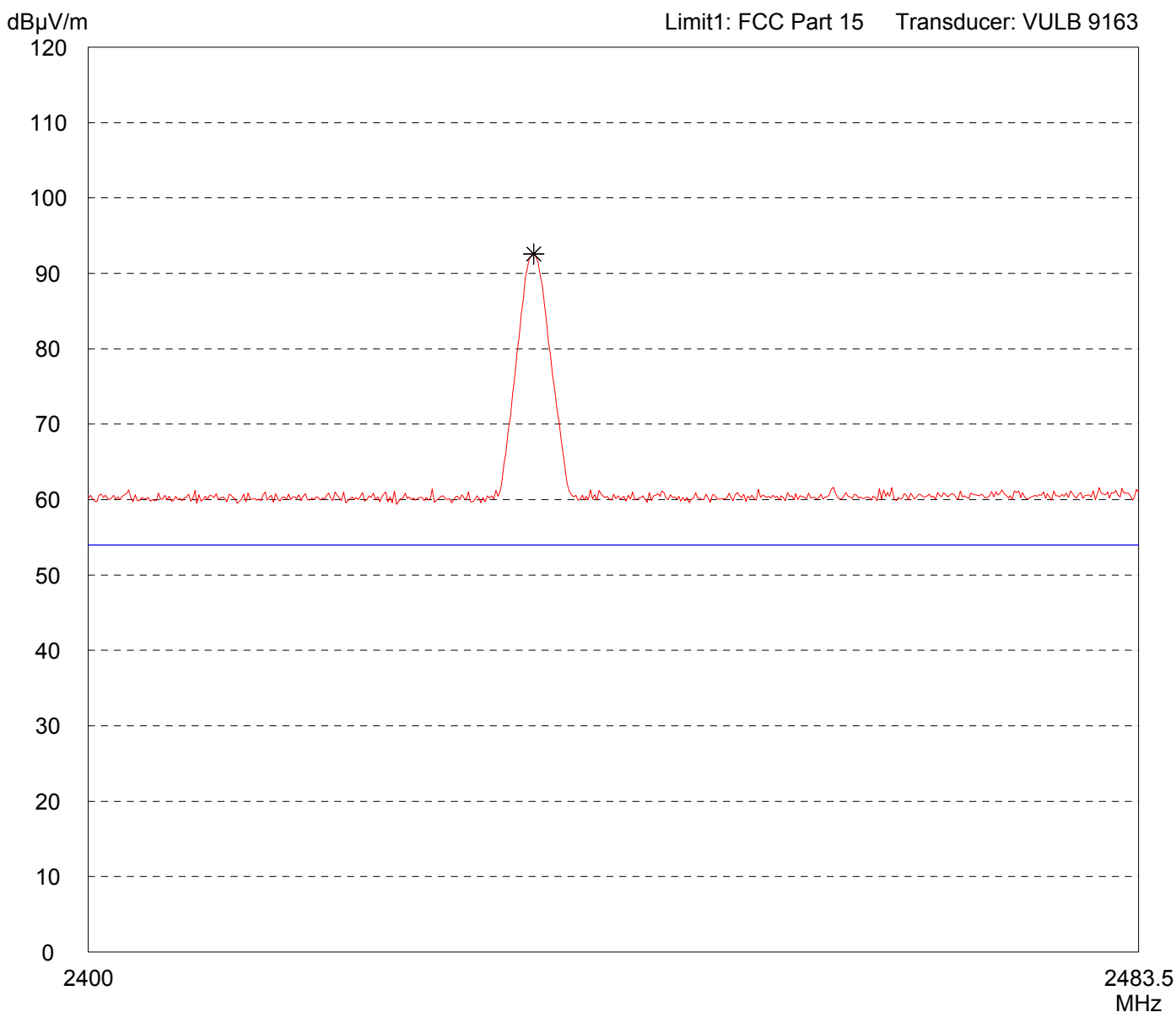


Result: Limit kept	Project file: 56109-50142-4
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Radiated Emission Test 2.4 GHz - 2.4835 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - Middle Channel
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Horizontal Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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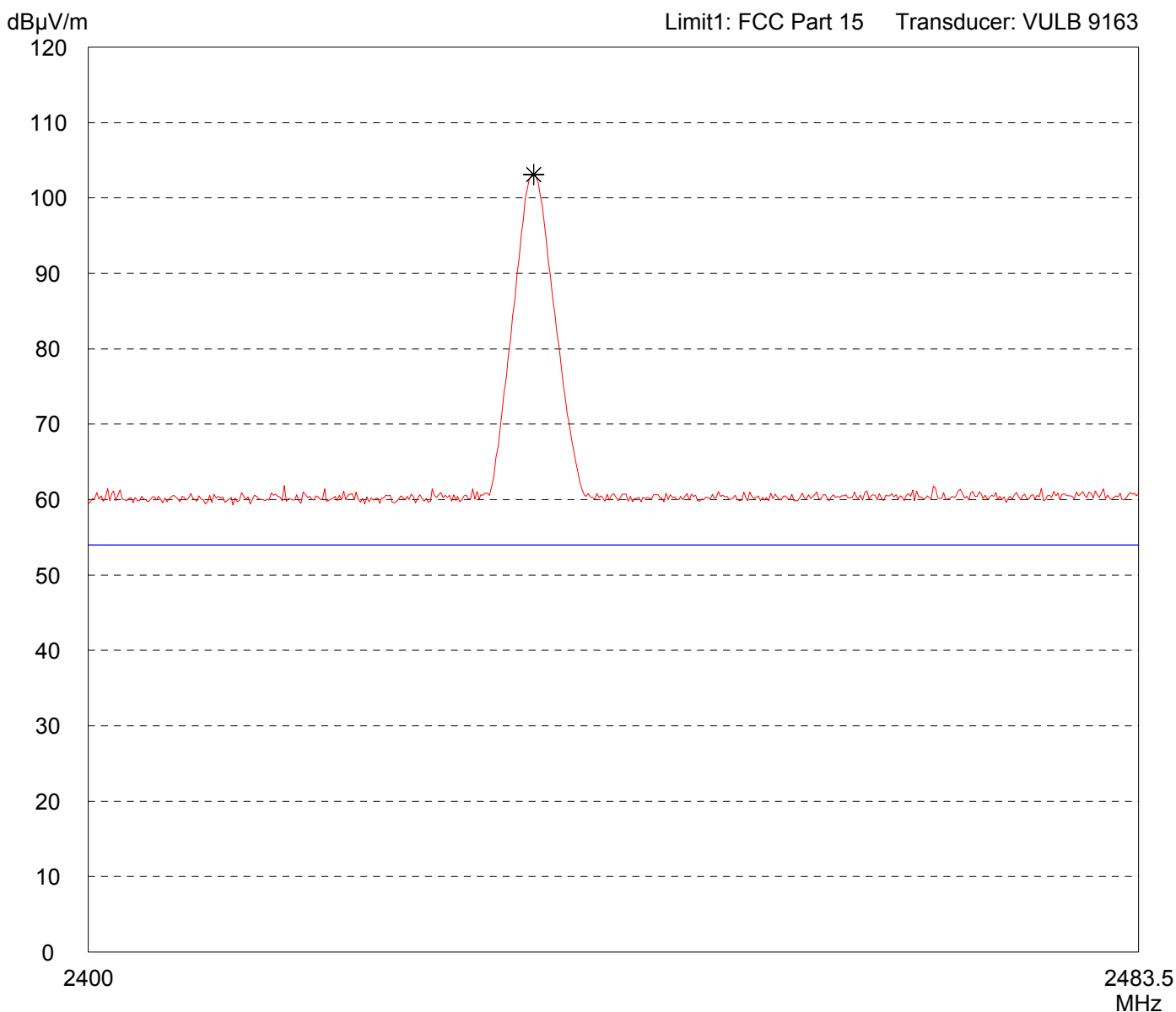


Result: Limit kept	Project file: 56109-50142-4
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Radiated Emission Test 2.4 GHz - 2.4835 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - Middle Channel
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Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Vertical Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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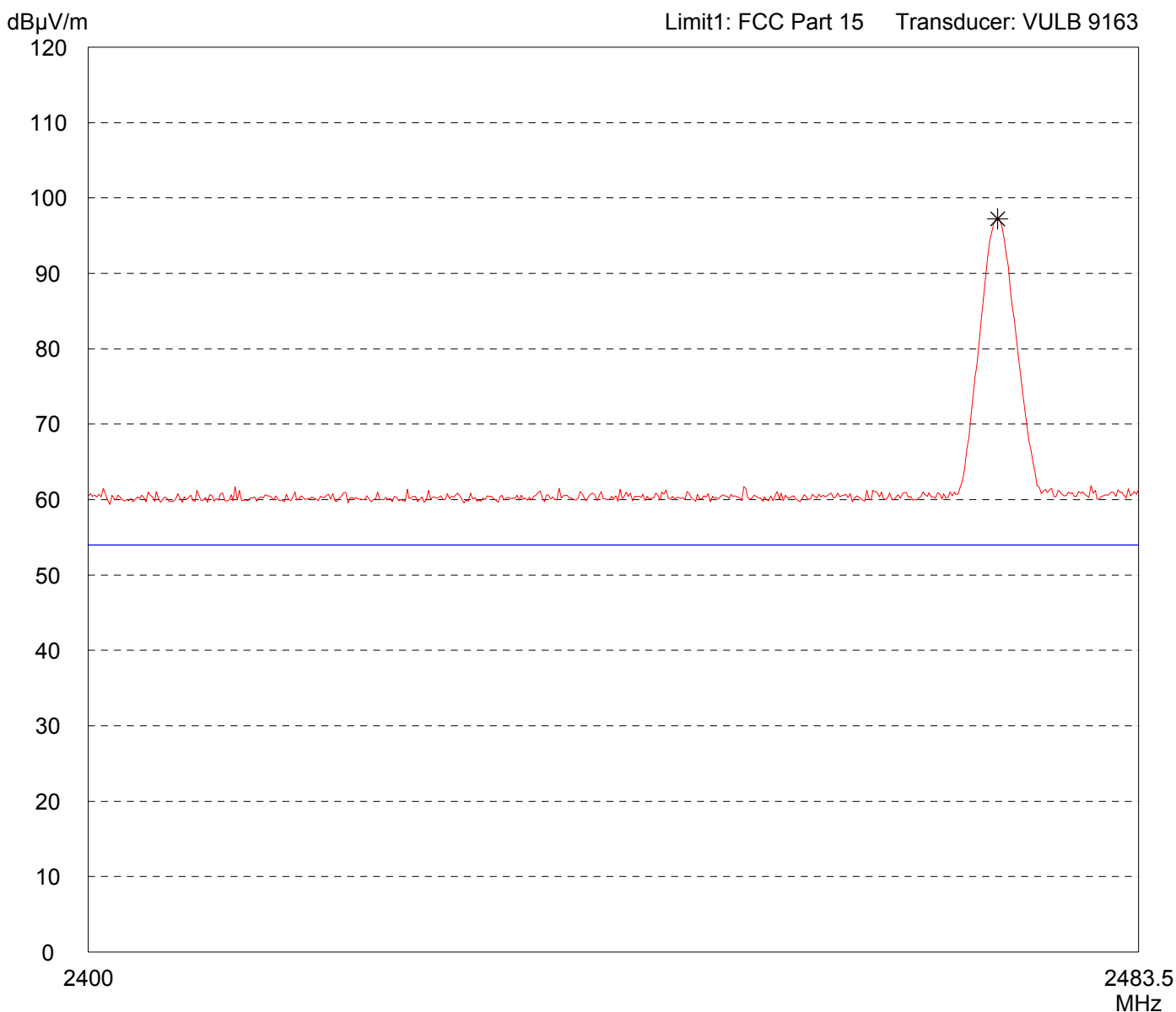


Result: Limit kept	Project file: 56109-50142-4
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Radiated Emission Test 2.4 GHz - 2.4835 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - High Channel
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Horizontal Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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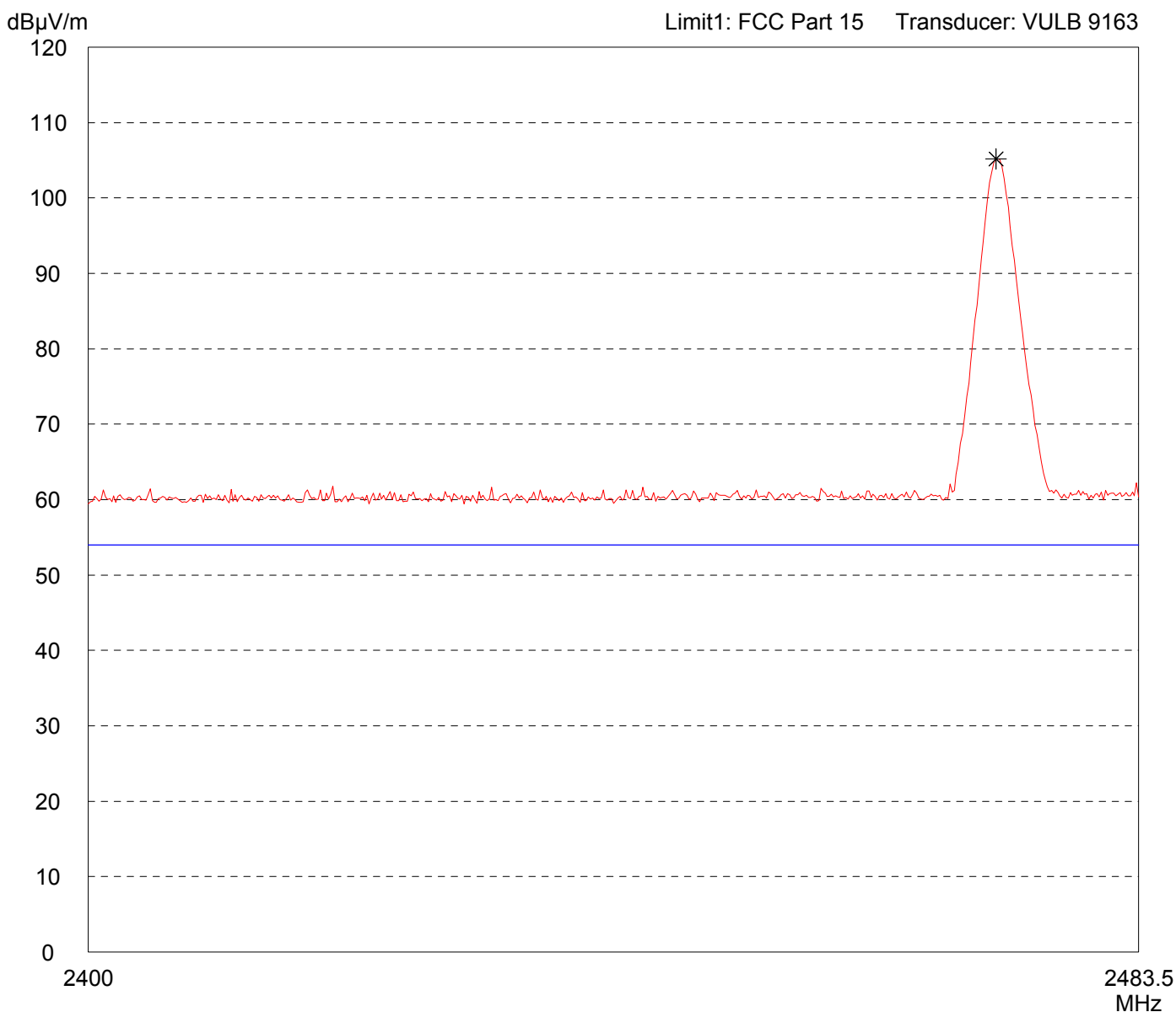


Result: Limit kept	Project file: 56109-50142-4
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Radiated Emission Test 2.4 GHz - 2.4835 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - High Channel
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Vertical Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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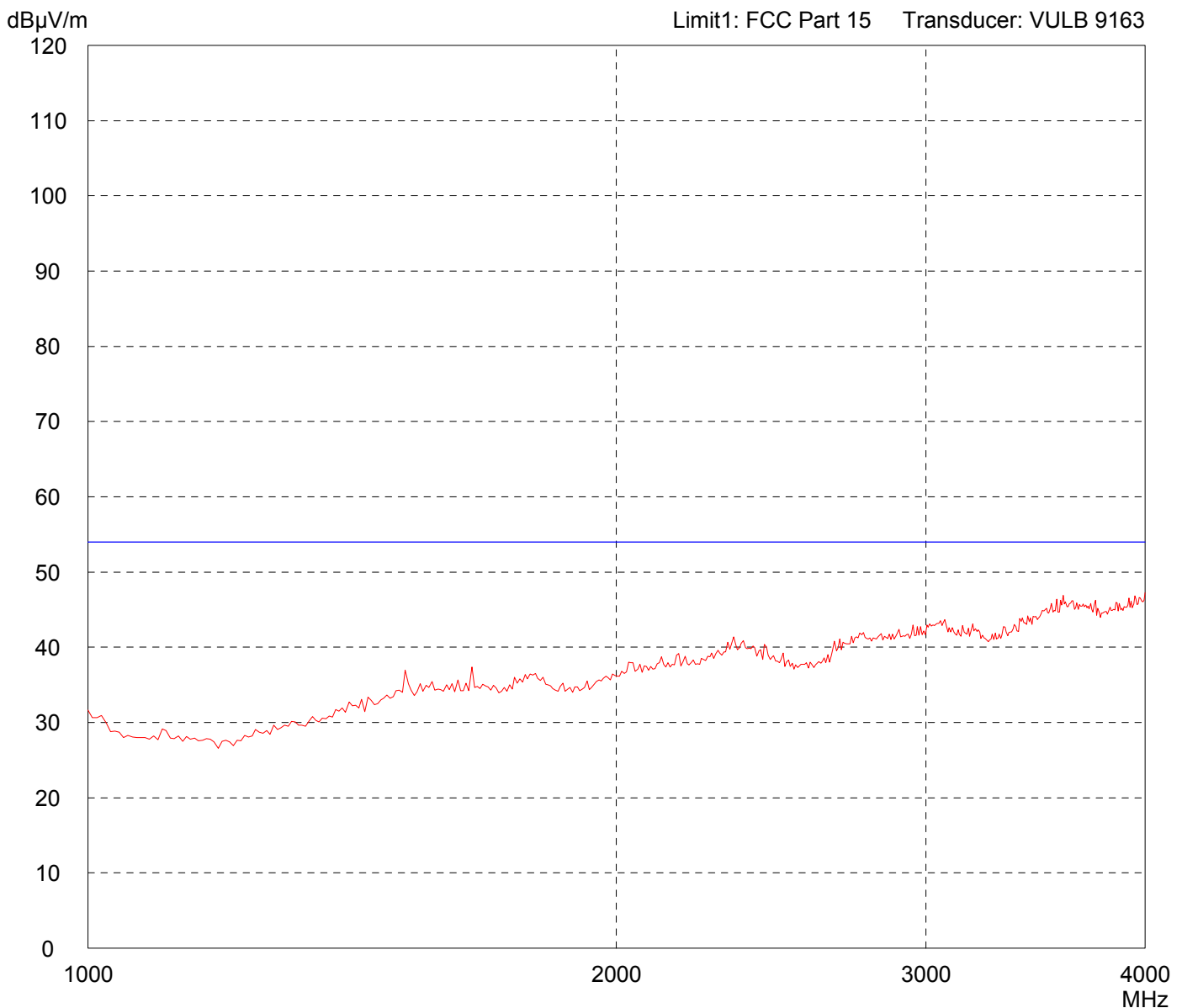


Result: Limit kept	Project file: 56109-50142-4
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - Low Channel - Notch Filter on fundamental frequency
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Horizontal Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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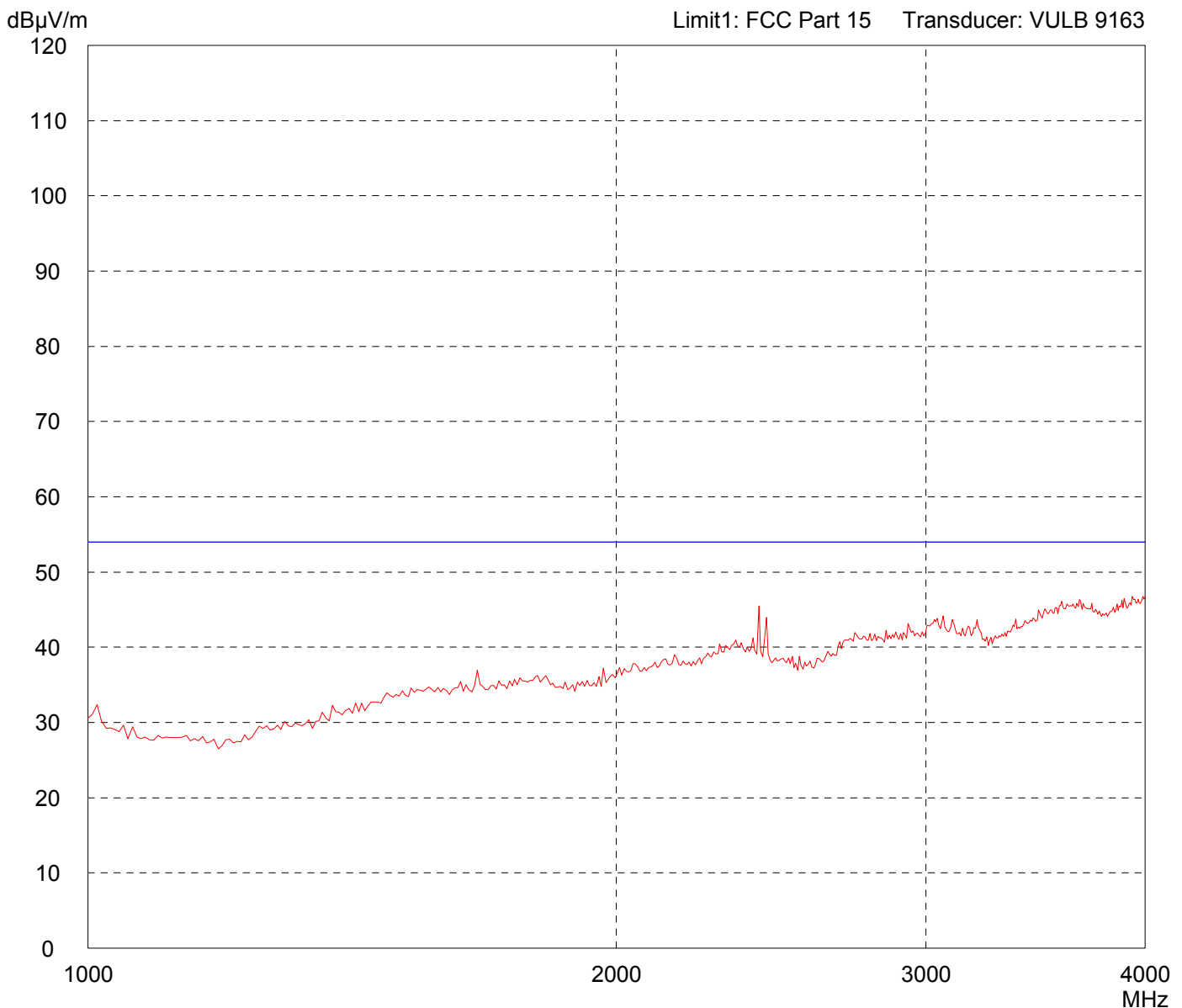


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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - Low Channel - Notch Filter on fundamental frequency
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Vertical Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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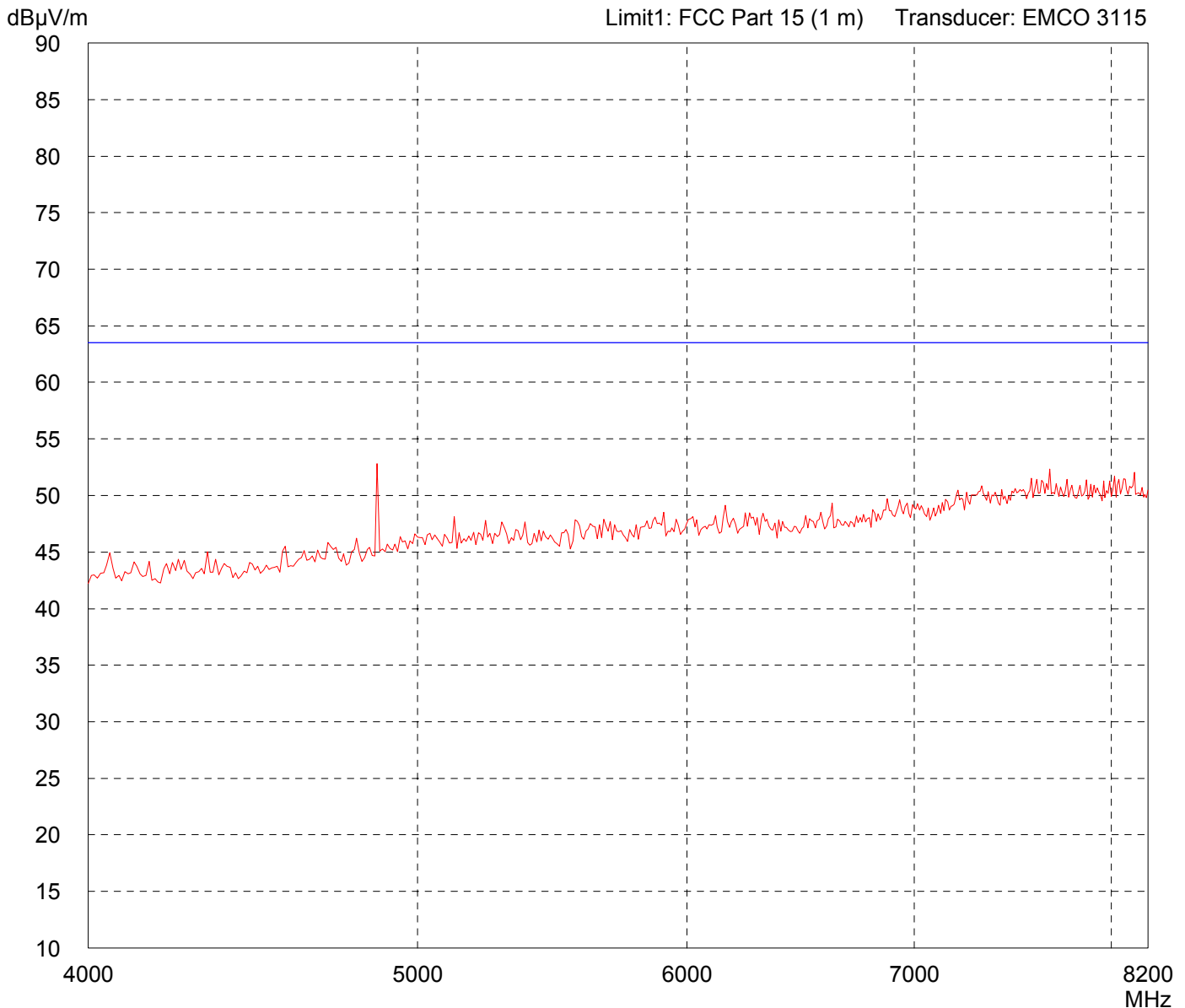


Result: Limit kept	Project file: 56109-50142-2
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Radiated Emission Test 4 GHz - 8.2 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - Middle Channel - 3 GHz High Pass Filter at Preamp Input
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 metre Horizontal Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: by hand	File name: default.emi

Detector: Peak	List of values: 10 dB Margin 50 Subranges
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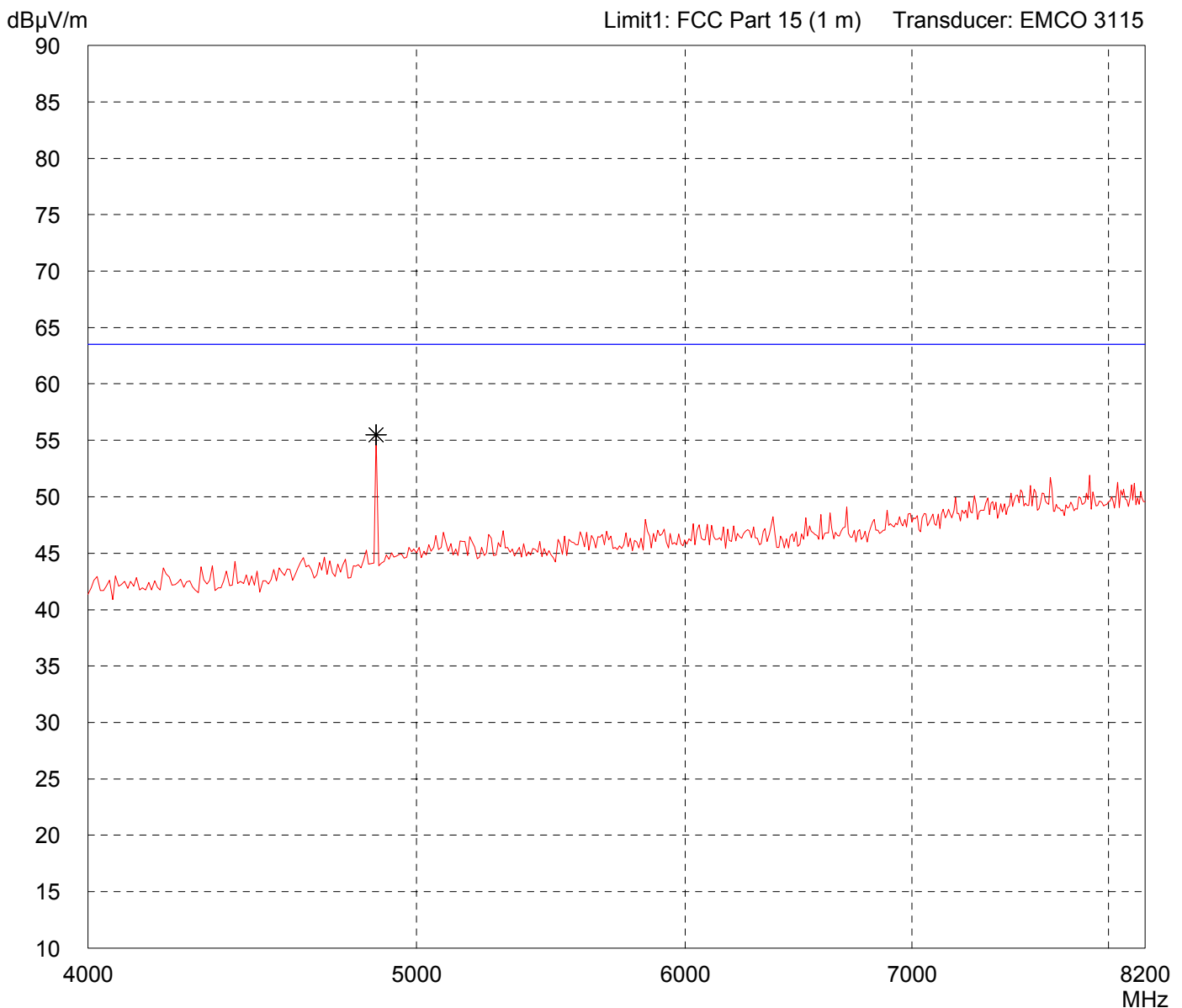


Result: Limit kept	Project file: 56109-50142-4
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Radiated Emission Test 4 GHz - 8.2 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - Middle Channel - 3 GHz High Pass Filter at Preamp Input
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 metre Vertical Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: by hand	File name: default.emi

Detector: Peak	List of values: 10 dB Margin 50 Subranges
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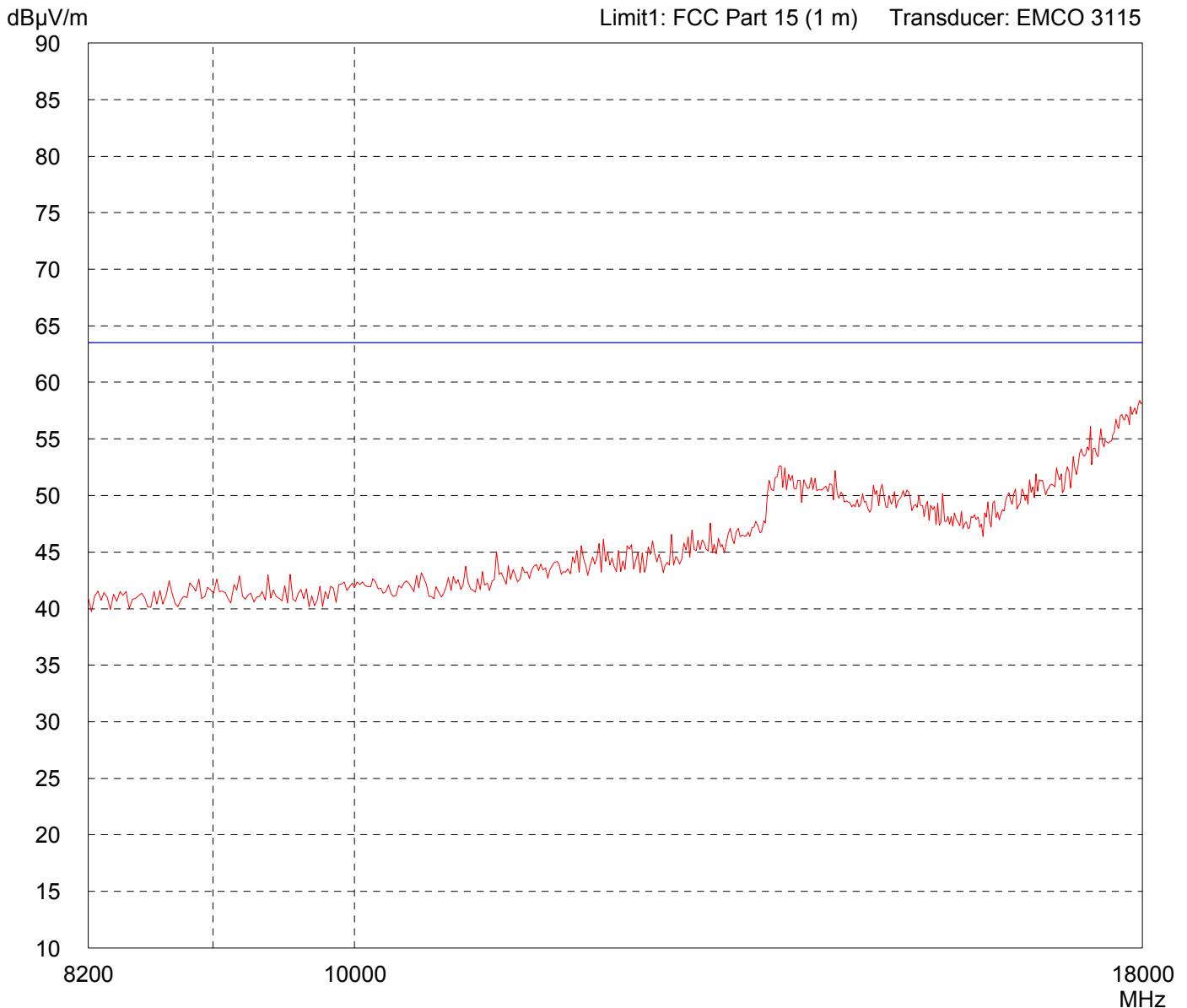


Result: Limit kept	Project file: 56109-50142-4
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Radiated Emission Test 8.2 GHz - 18 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - Low Channel - 3 GHz High Pass Filter at Preamp Input
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 metre Horizontal Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: by hand	File name: default.emi

Detector: Peak	List of values: Selected by hand
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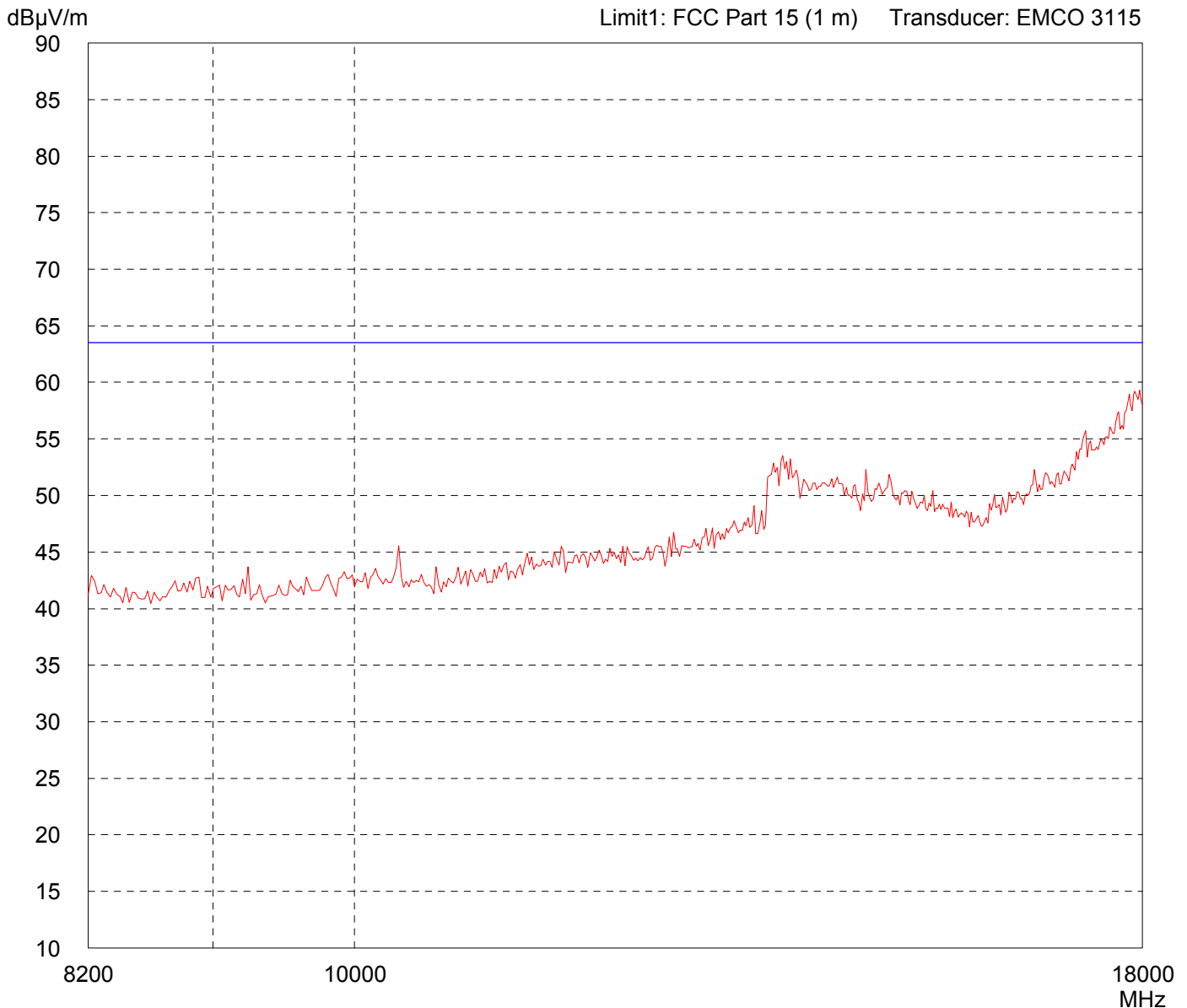


Result: Limit kept	Project file: 56109-50142-4
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Radiated Emission Test 8.2 GHz - 18 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - Low Channel - 3 GHz High Pass Filter at Preamp Input
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 metre Vertical Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: by hand	File name: default.emi

Detector: Peak	List of values: Selected by hand
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Result: Limit kept	Project file: 56109-50142-4
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Spurious Emissions Measurement

Model:
CL 4424

Serial No.:
RS 232

Applicant:
AEROCOMM, Inc.

Mode:

- Radiated Masuremet at 0.5 m test distance

- Reading without antenna correction

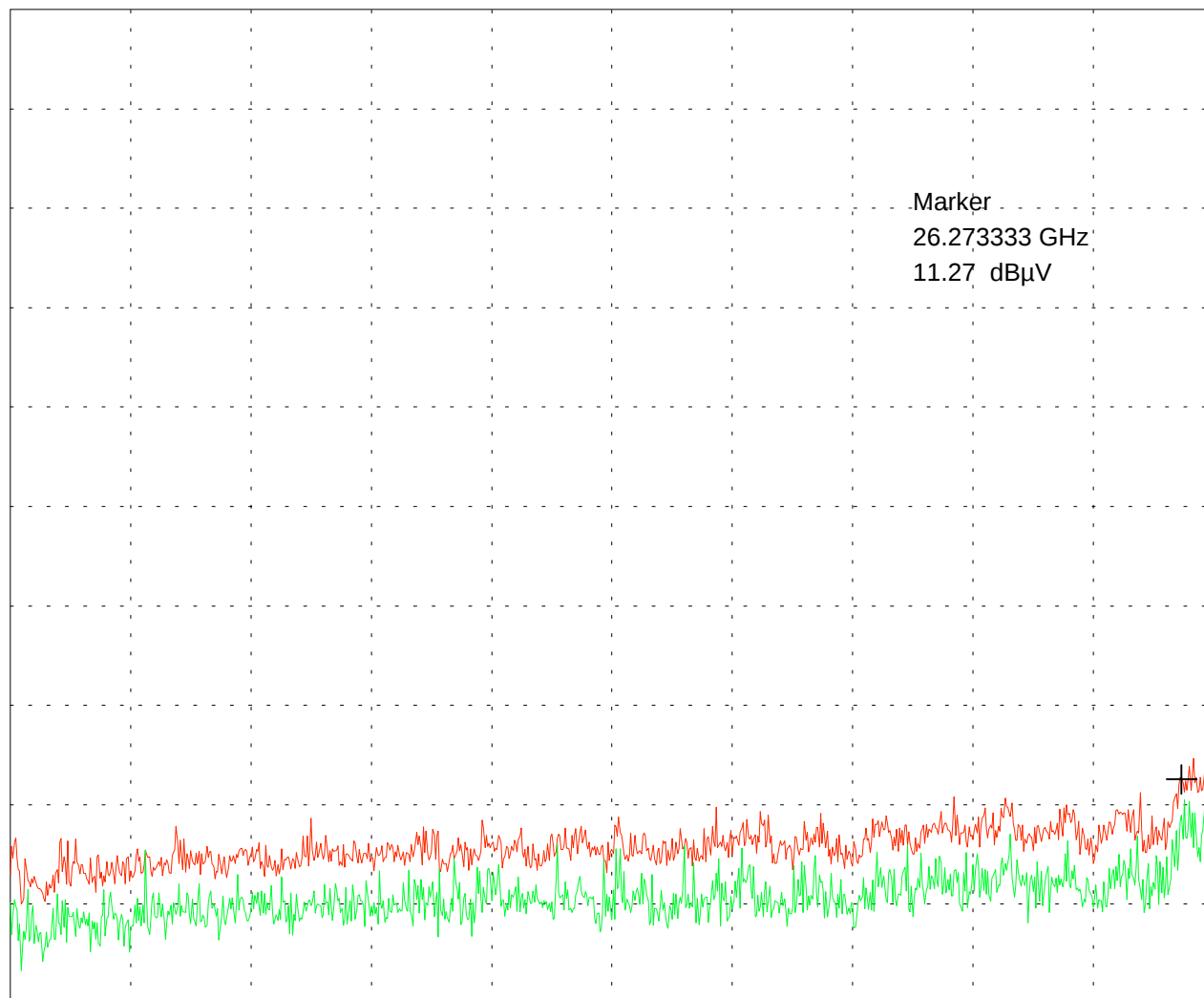
- Red trace = horizontal, green trace = vertical

- Antenna 4 (ANT-DB2-916-24-RP-SMA)

- Low Channel

Ref.Level 50 dB μ V
5 dB/Div.

ATT 0 dB



Start 18.000 GHz
RBW 100 kHz

VBW 100 kHz

Stop 26.500 GHz
SWP 2.60 s

Tested by:
Johann Roidt

Date:
22 April 2005

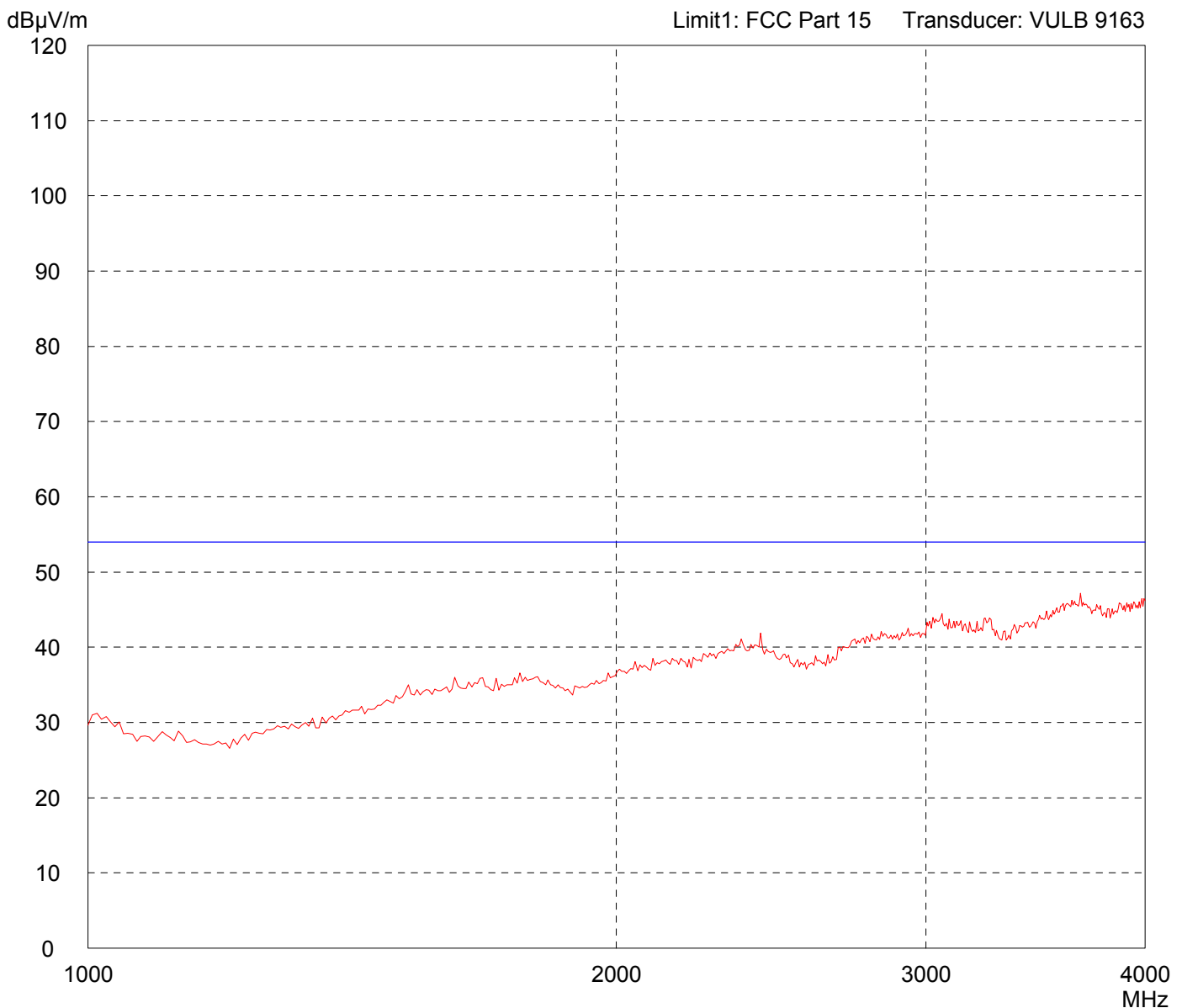
Project-No.:
56109-050142-x

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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - Middle Channel - Notch Filter on fundamental frequency
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Horizontal Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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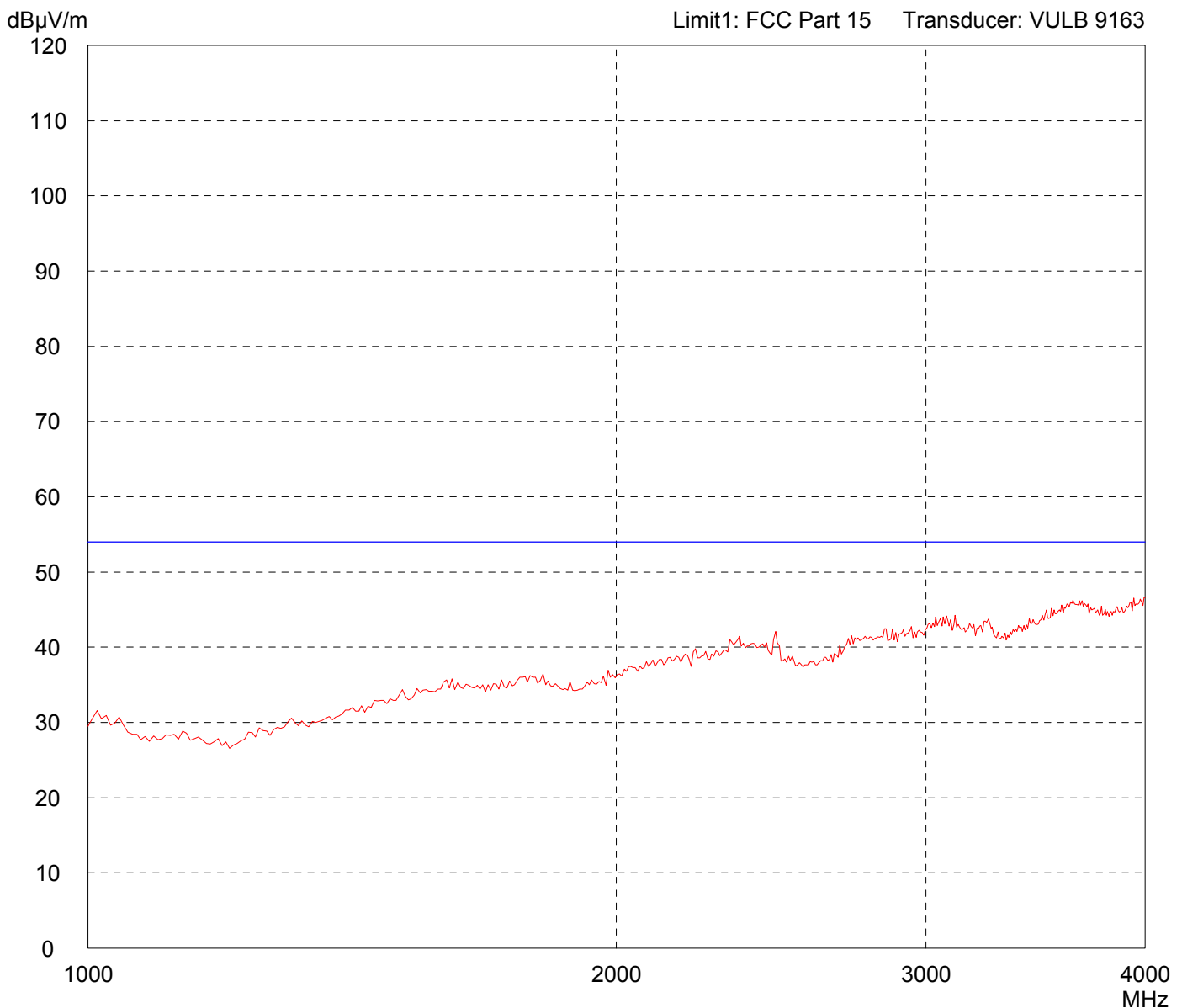


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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - Middle Channel - Notch Filter on fundamental frequency
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Vertical Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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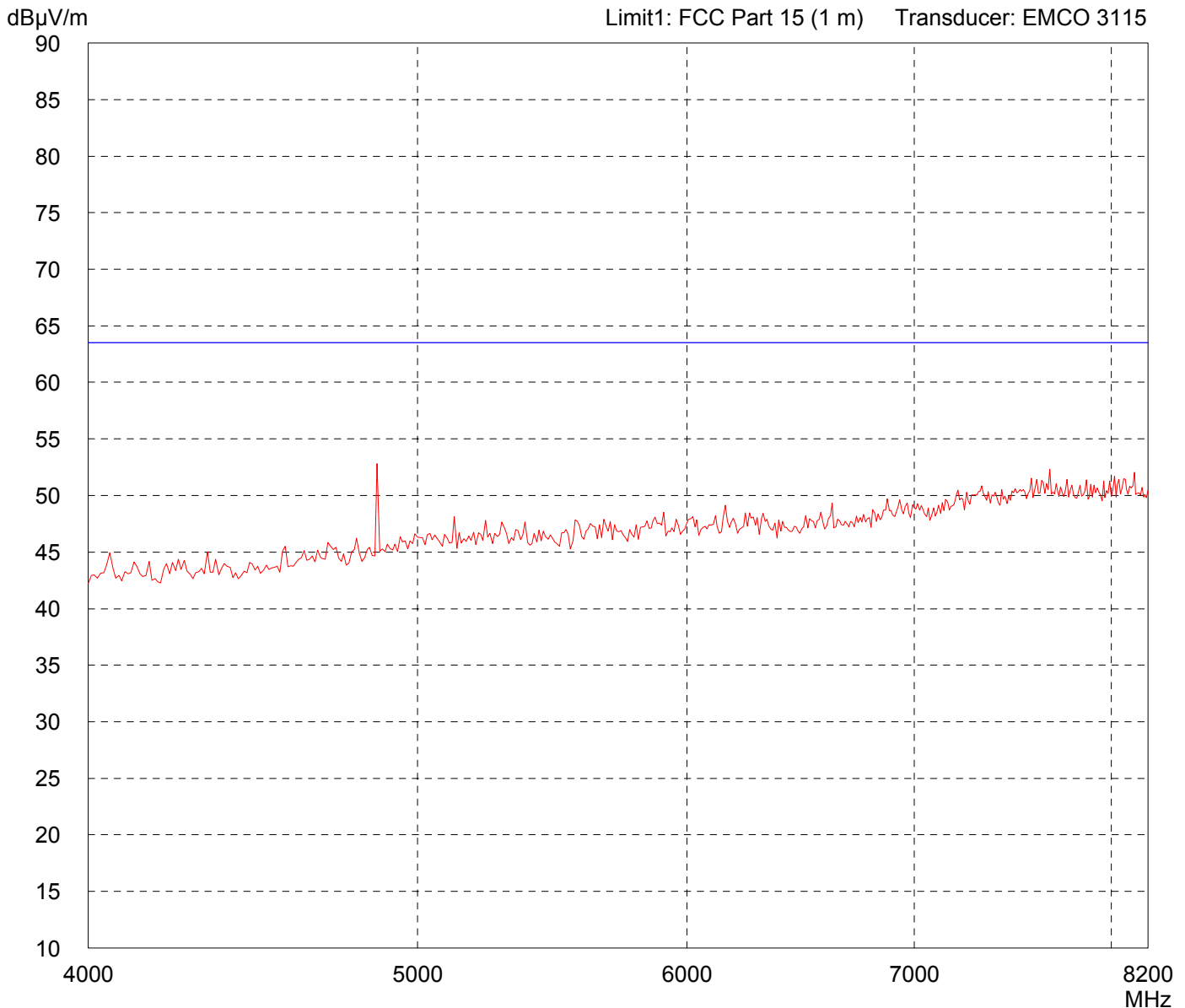


Result: Limit kept	Project file: 56109-50142-2
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Radiated Emission Test 4 GHz - 8.2 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - Middle Channel - 3 GHz High Pass Filter at Preamp Input
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 metre Horizontal Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: by hand	File name: default.emi

Detector: Peak	List of values: 10 dB Margin 50 Subranges
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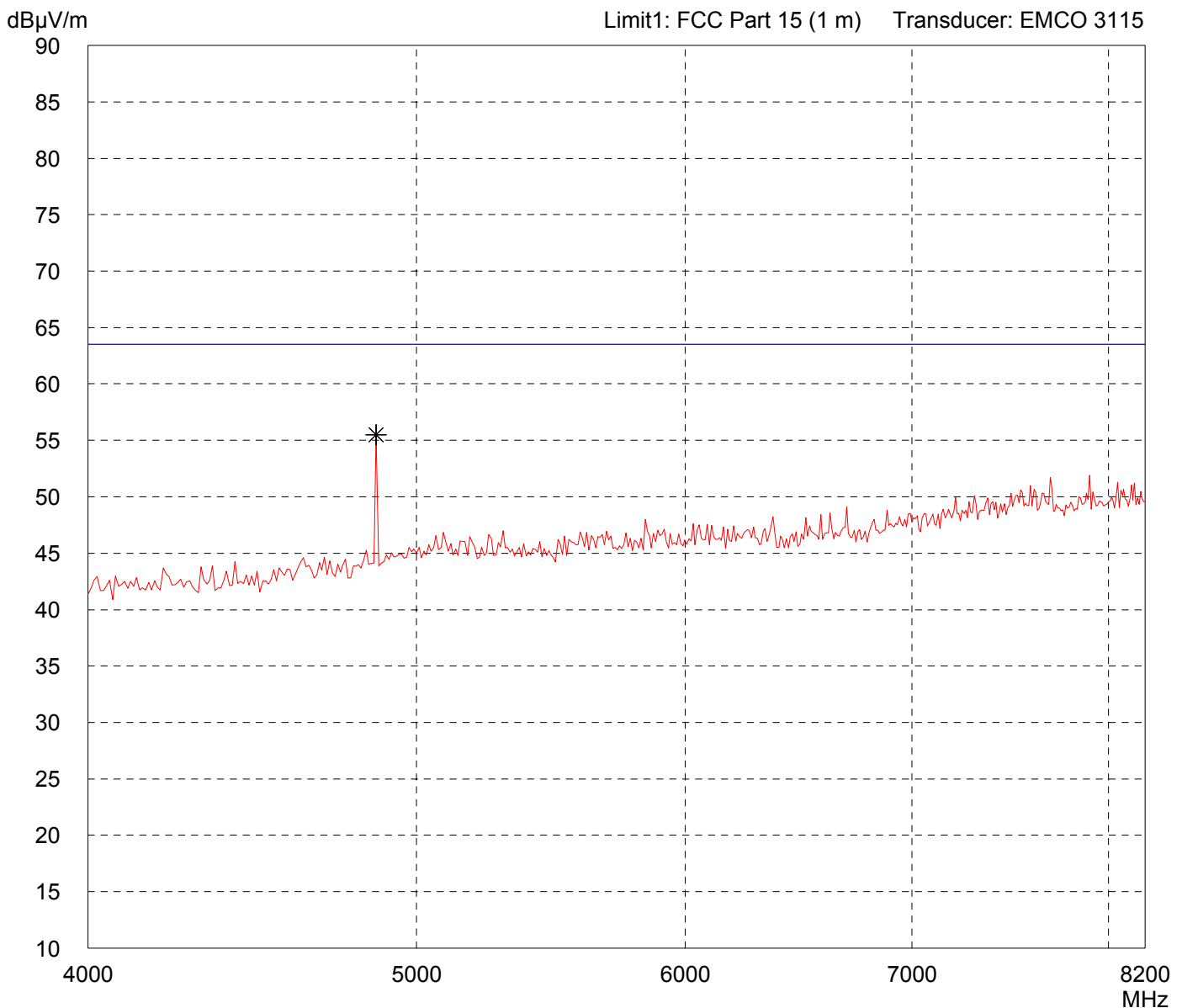


Result: Limit kept	Project file: 56109-50142-4
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Radiated Emission Test 4 GHz - 8.2 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - Middle Channel - 3 GHz High Pass Filter at Preamp Input
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 metre Vertical Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: by hand	File name: default.emi

Detector: Peak	List of values: 10 dB Margin 50 Subranges
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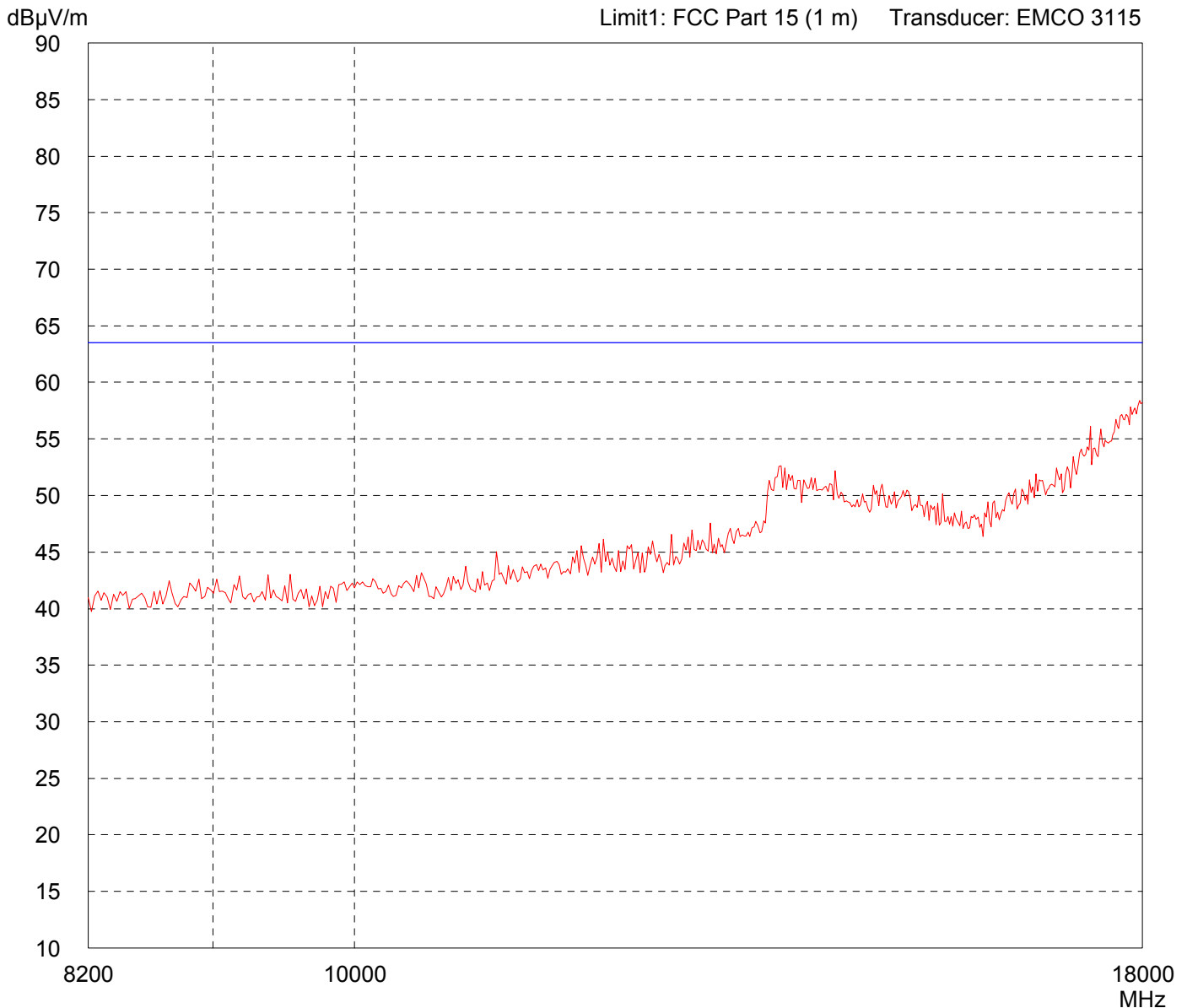


Result: Limit kept	Project file: 56109-50142-4
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Radiated Emission Test 8.2 GHz - 18 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - Middle Channel - 3 GHz High Pass Filter at Preamp Input
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 metre Horizontal Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: by hand	File name: default.emi

Detector: Peak	List of values: Selected by hand
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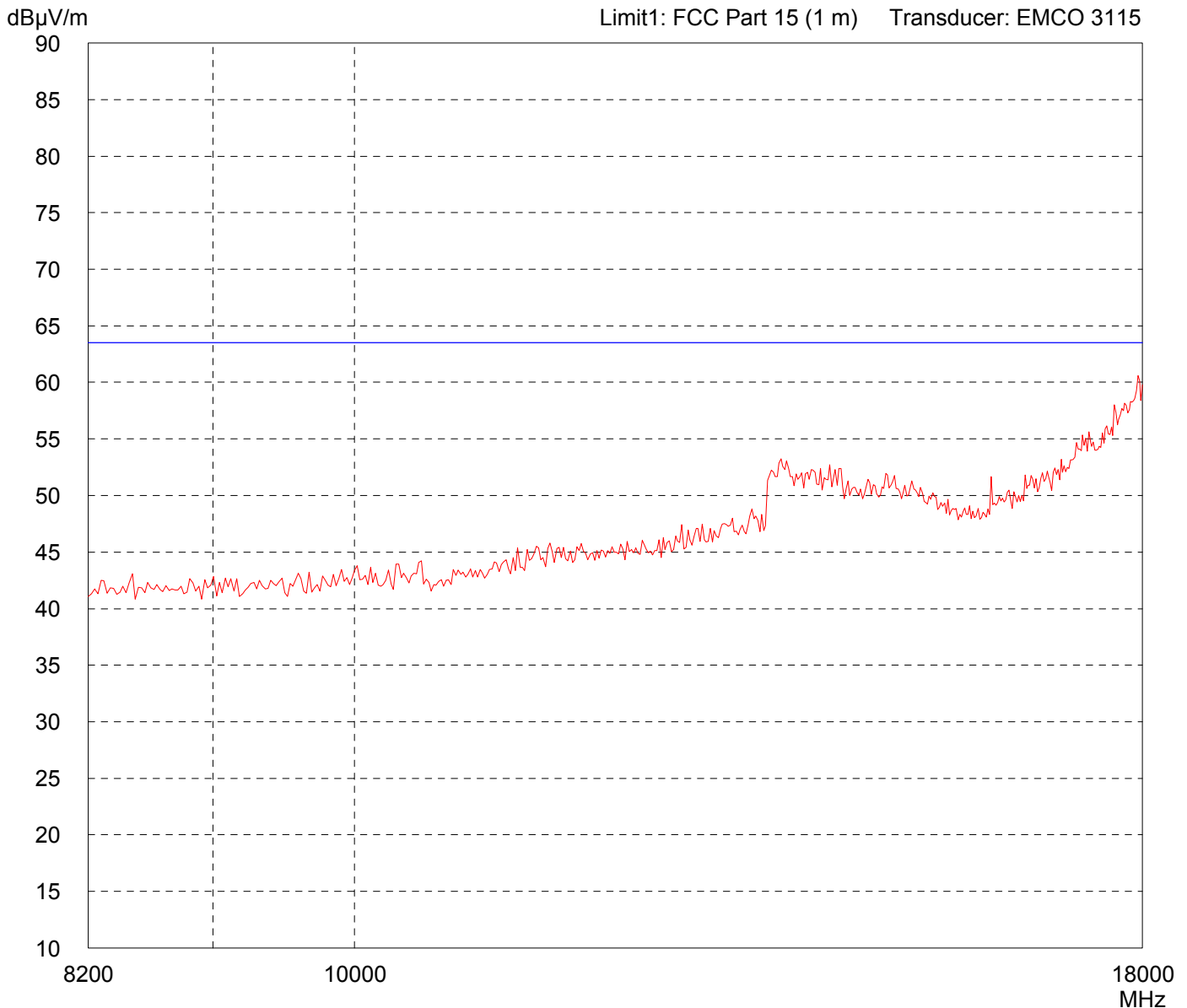


Result: Limit kept	Project file: 56109-50142-4
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Radiated Emission Test 8.2 GHz - 18 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - Middle Channel - 3 GHz High Pass Filter at Preamp Input
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 metre Vertical Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: by hand	File name: default.emi

Detector: Peak	List of values: Selected by hand
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Result: Limit kept	Project file: 56109-50142-4
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Spurious Emissions Measurement

Model:
CL 4424

Serial No.:
RS 232

Applicant:
AEROCOMM, Inc.

Mode:

- Radiated Measurement at 0.5 m test distance

- Reading without antenna correction

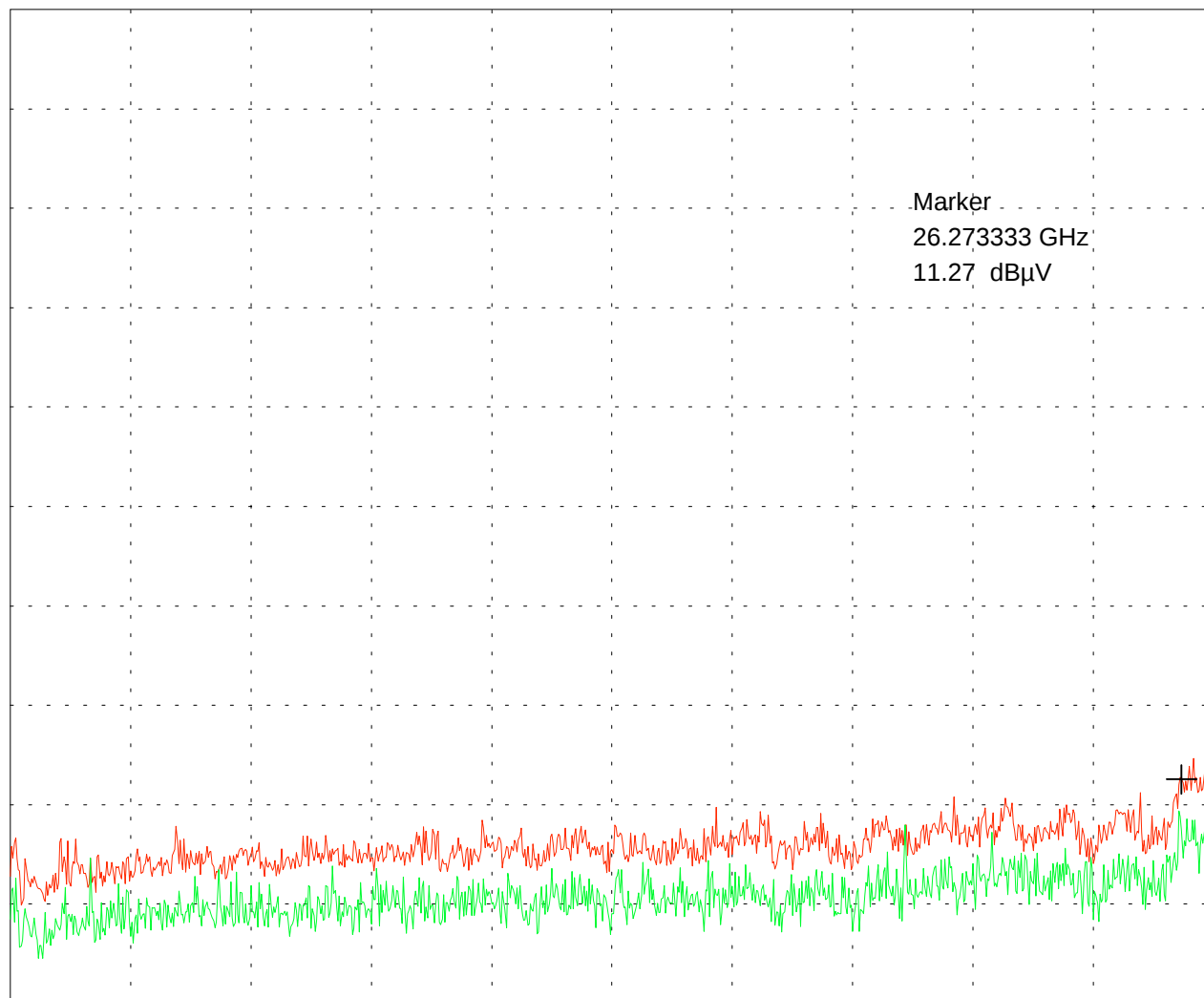
- Red trace = horizontal, green trace = vertical

- Antenna 4 (ANT-DB2-916-24-RP-SMA)

- Middle Channel

Ref. Level 50 dB μ V
5 dB/Div.

ATT 0 dB



Start 18.000 GHz
RBW 100 kHz

VBW 100 kHz

Stop 26.500 GHz
SWP 2.60 s

Tested by:
Johann Roidt

Date:
22 April 2005

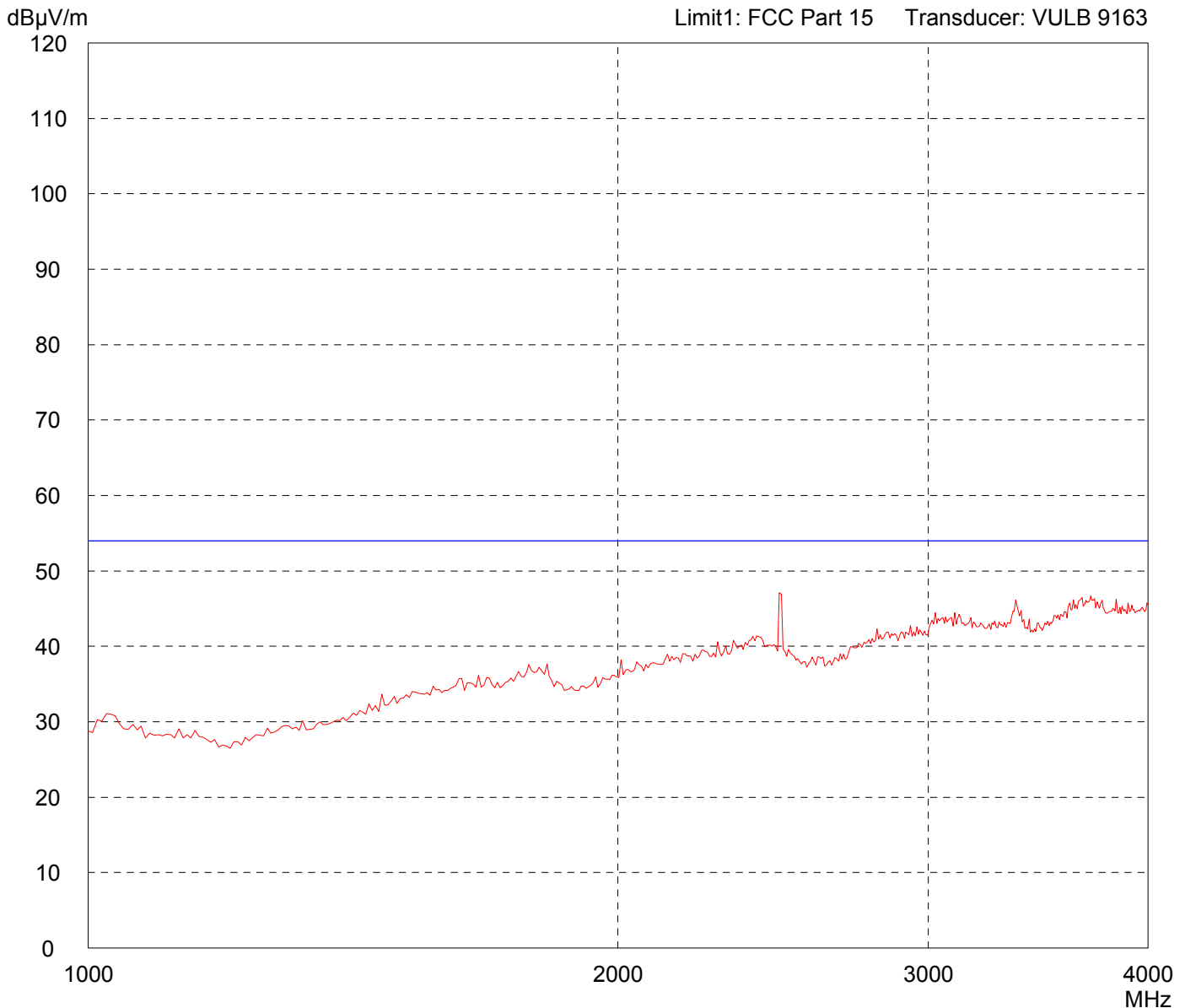
Project-No.:
56109-050142-x

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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - High Channel - Notch Filter on fundamental frequency
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Vertical Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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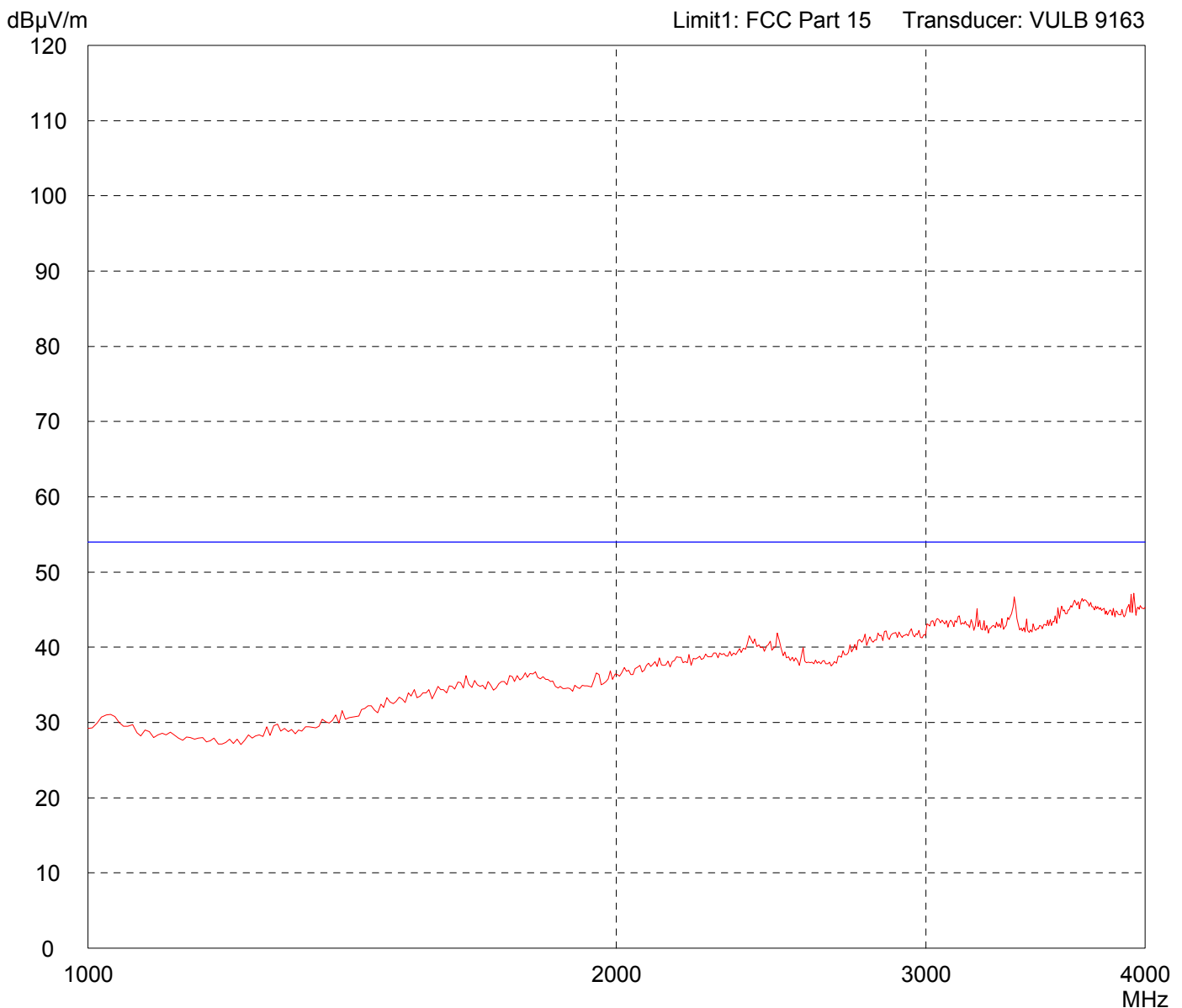


Result: Limit kept	Project file: 56109-50142-2
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - High Channel - Notch Filter on fundamental frequency
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Horizontal Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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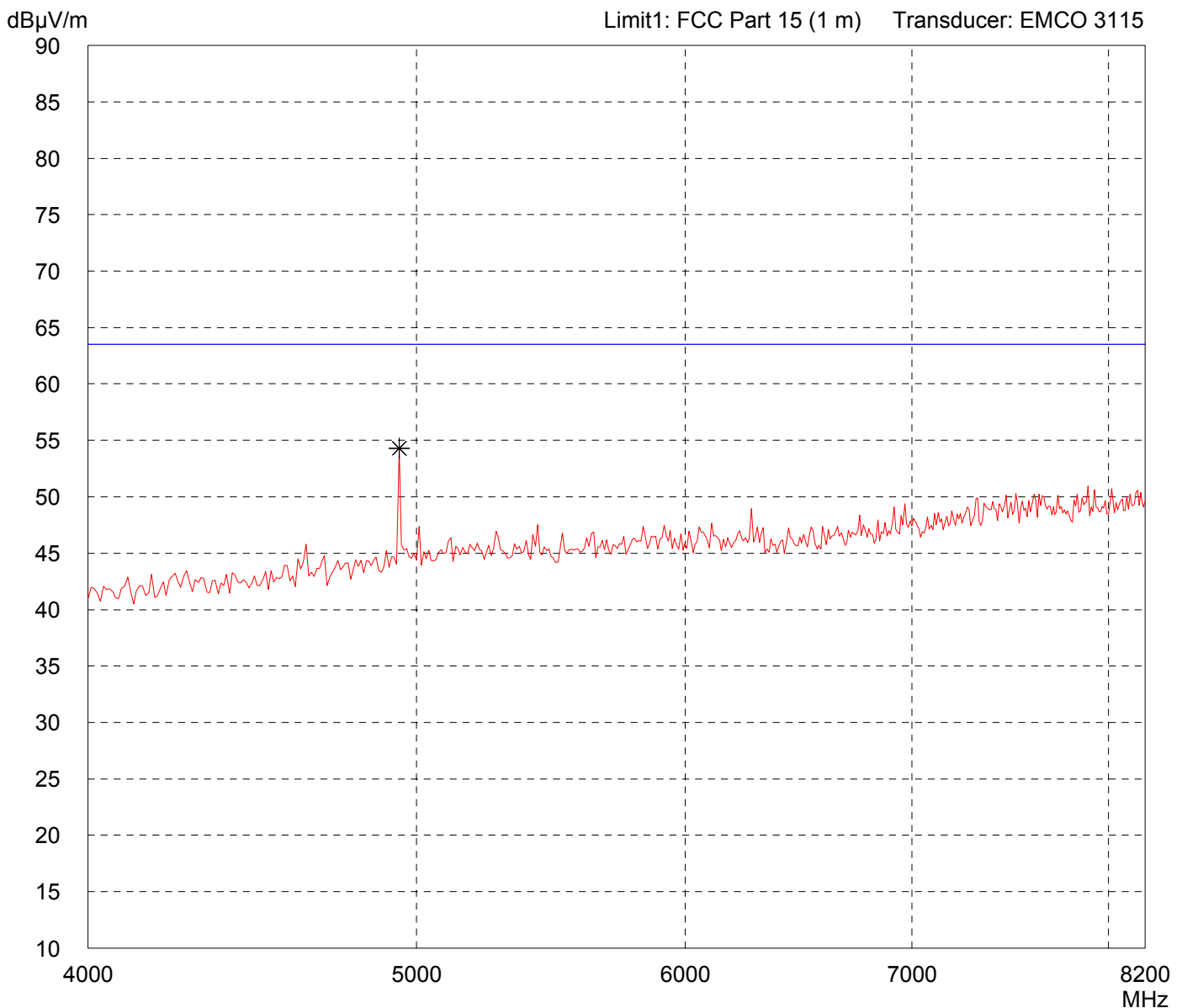


Result: Limit kept	Project file: 56109-50142-2
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Radiated Emission Test 4 GHz - 8.2 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - High Channel - 3 GHz High Pass Filter at Preamp Input
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 metre Horizontal Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: by hand	File name: default.emi

Detector: Peak	List of values: 10 dB Margin 50 Subranges
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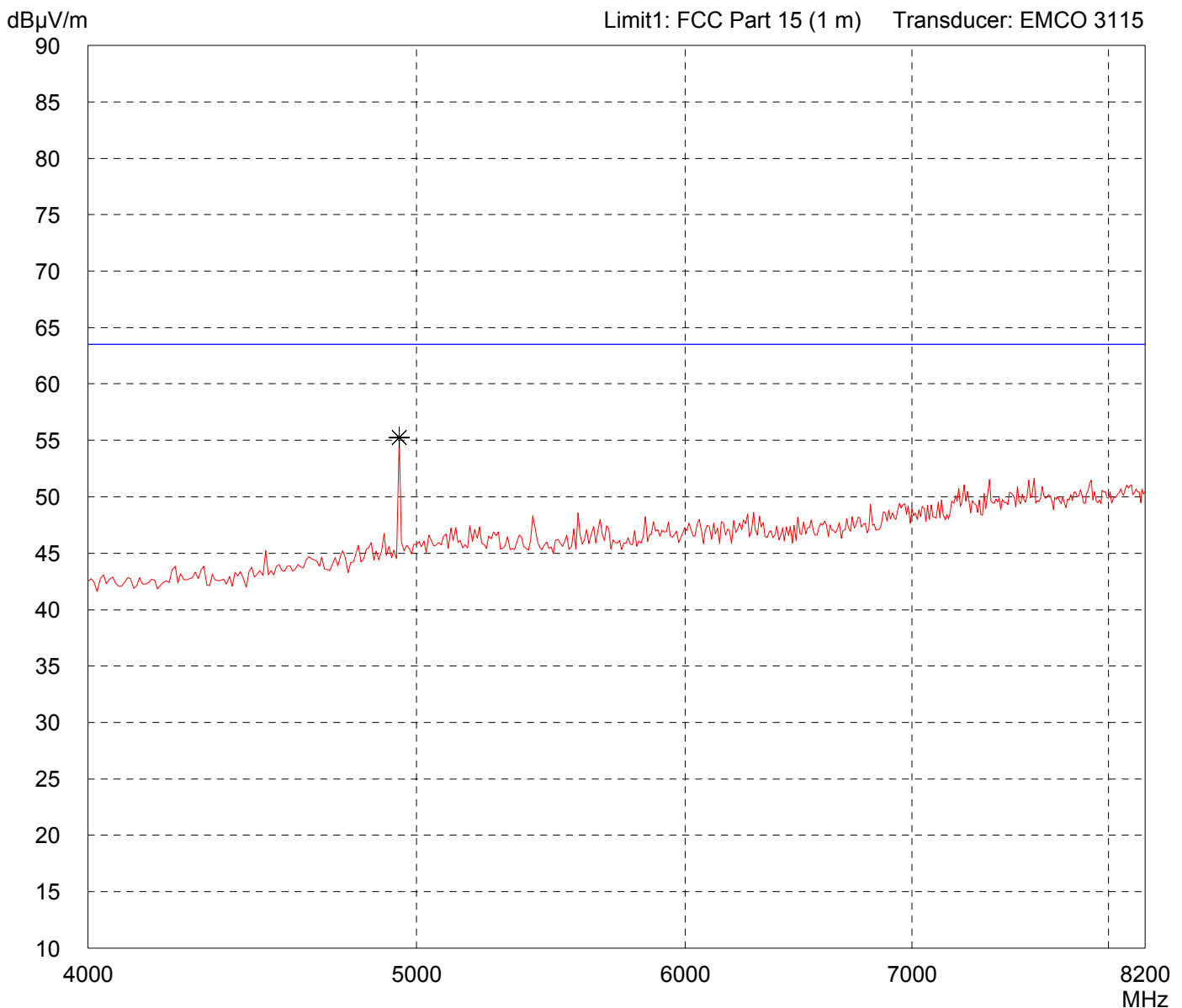


Result: Limit kept	Project file: 56109-50142-4
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Radiated Emission Test 4 GHz - 8.2 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - High Channel - 3 GHz High Pass Filter at Preamp Input
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 metre Vertical Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: by hand	File name: default.emi

Detector: Peak	List of values: 10 dB Margin 50 Subranges
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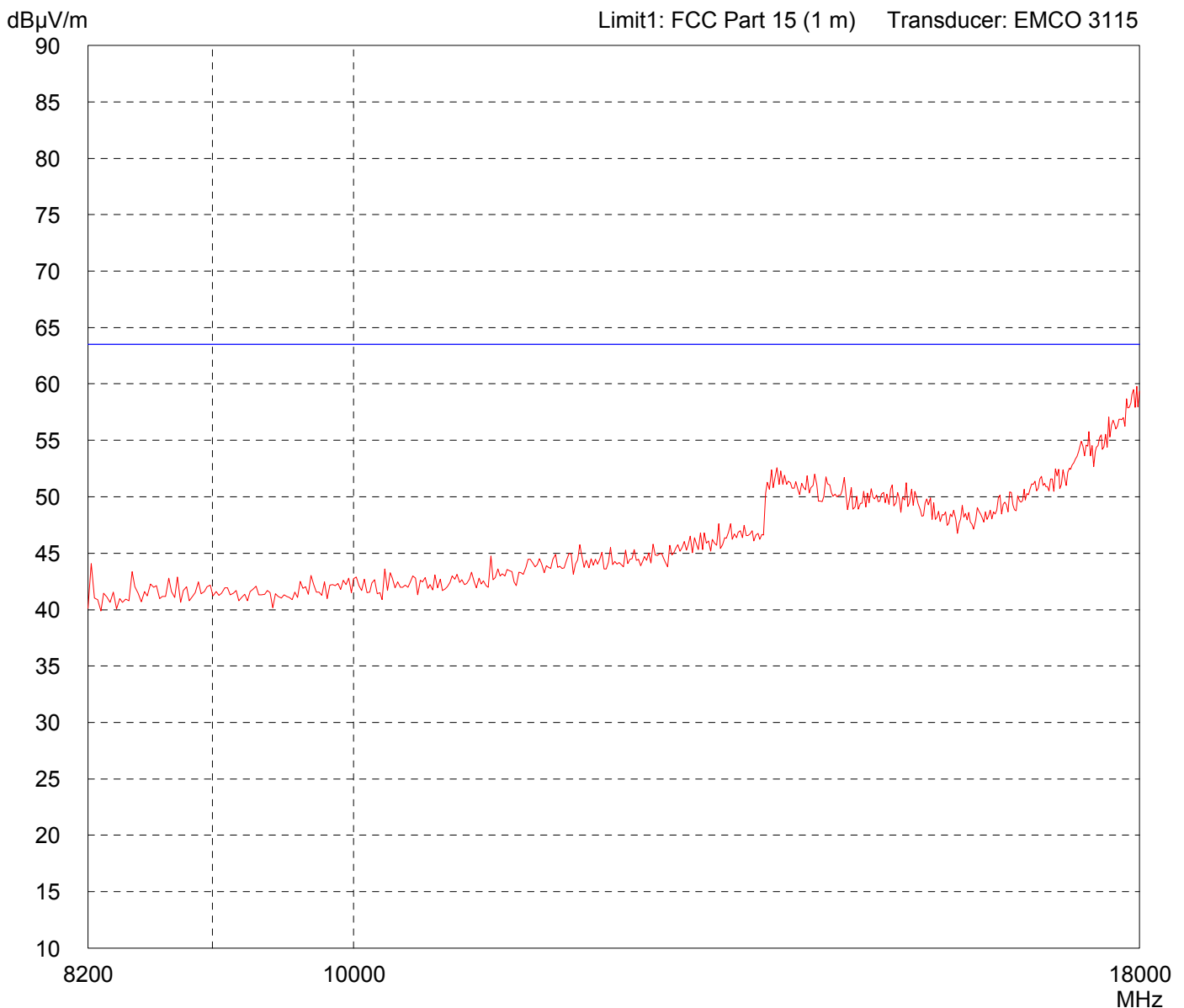


Result: Limit kept	Project file: 56109-50142-4
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Radiated Emission Test 8.2 GHz - 18 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - High Channel - 3 GHz High Pass Filter at Preamp Input
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 metre Horizontal Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: by hand	File name: default.emi

Detector: Peak	List of values: Selected by hand
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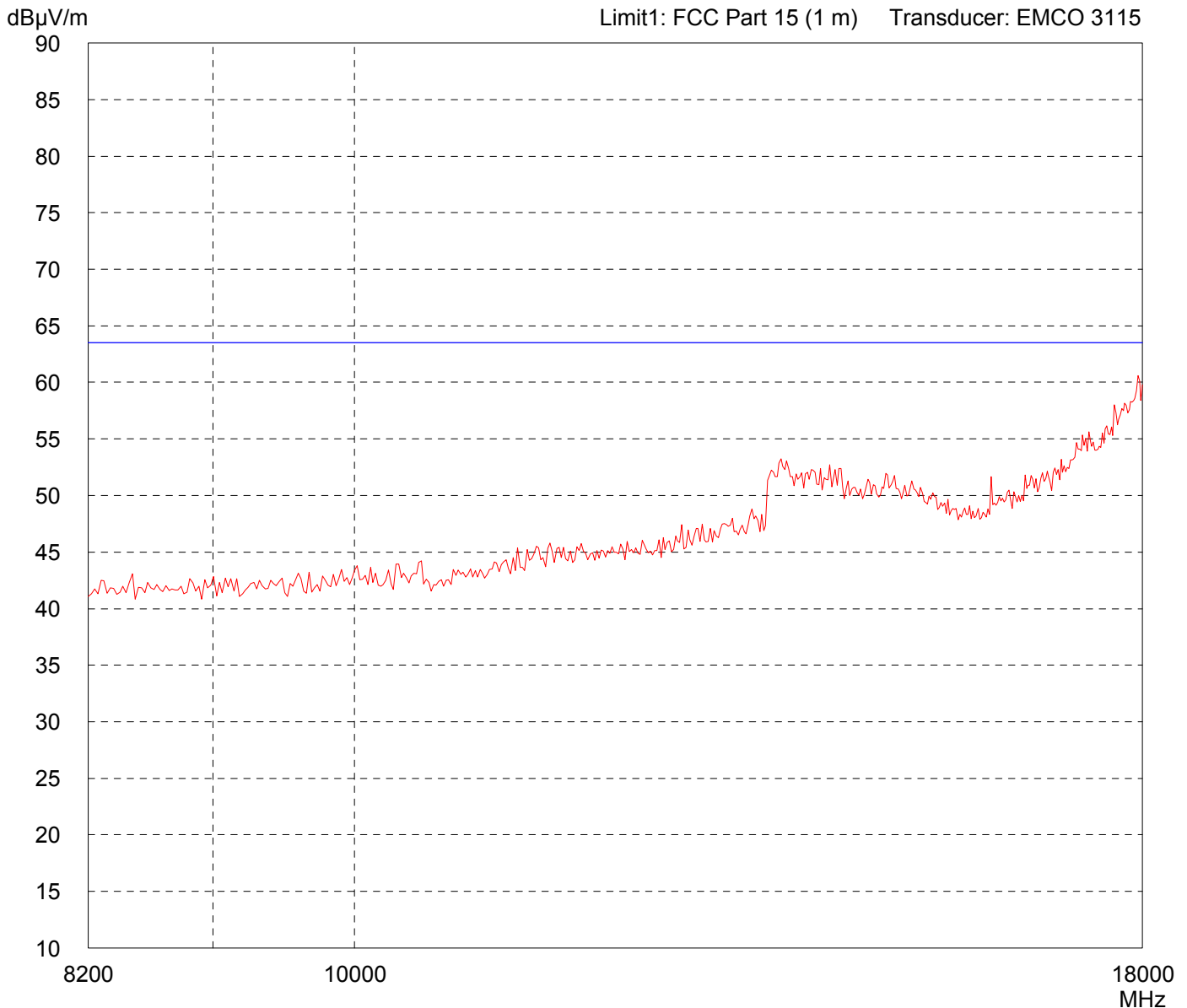


Result: Limit kept	Project file: 56109-50142-4
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Radiated Emission Test 8.2 GHz - 18 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: CL4424-100	Comment: - Antenna ANT-DB2-916/2.4-RP-SMA - High Channel - 3 GHz High Pass Filter at Preamp Input
Serial no.: RS232	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 metre Vertical Polarization	
Date of test: 22 April 2005	Operator: J. Roidt
Test performed: by hand	File name: default.emi

Detector: Peak	List of values: Selected by hand
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Result: Limit kept	Project file: 56109-50142-4
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Spurious Emissions Measurement

Model:
CL 4424

Serial No.:
RS 232

Applicant:
AEROCOMM, Inc.

Mode:

- Radiated Measurement at 0.5 m test distance

- Reading without antenna correction

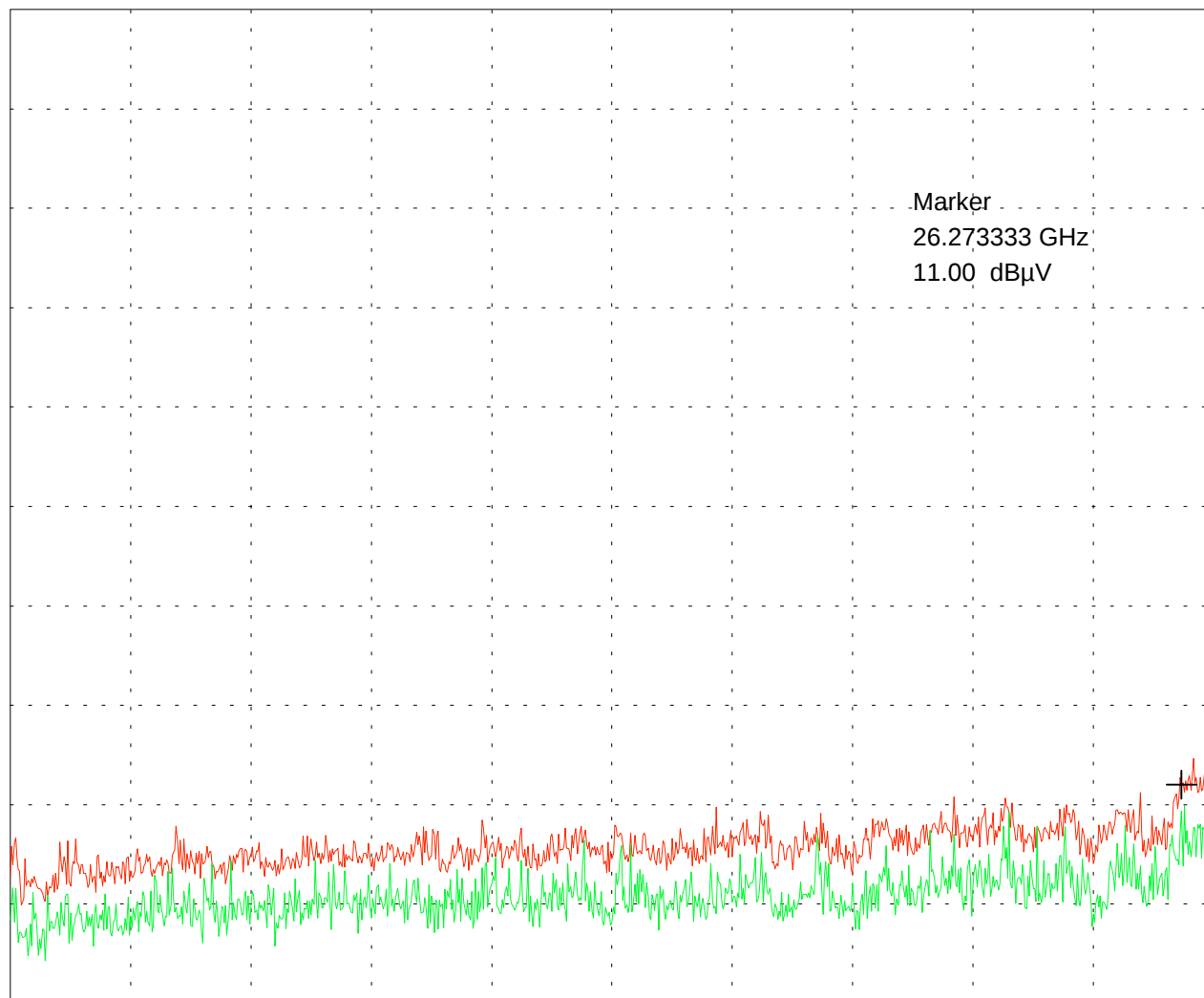
- Red trace = horizontal, green trace = vertical

- Antenna 4 (ANT-DB2-916-24-RP-SMA)

- High Channel

Ref. Level 50 dB μ V
5 dB/Div.

ATT 0 dB



Start 18.000 GHz
RBW 100 kHz

VBW 100 kHz

Stop 26.500 GHz
SWP 2.60 s

Tested by:
Johann Roidt

Date:
22 April 2005

Project-No.:
56109-050142-x

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