

Straubing, 28 June 2007

APPENDIX H
to TEST-REPORT

No. 56109-061084-2 (Edition 2)

for

KQL-AC4X90-200 (RF Transceiver Module)

1. AC4490-200M
2. AC4490-200M-485
3. AC4490LR-200M
Fully tested in test report no. 56109-061084-2
4. AC4490LR-200M-485
5. AC4790-200M
6. AC4790-200M-485
Fully tested in test report no. 56109-060184-1
7. AC4790LR-200M
8. AC4790LR-200M-485

Applicant: AEROCOMM, Inc.

Additional tests to cover
antenna ANT-DB1-RMS

Note:

The test data of this report relate only to the individual item which has been tested.
This report shall not be reproduced except in full extent without the written approval of
the testing laboratory.

Spurious Emissions

Rules and Specifications:	15.247 (c)
Guide:	ANSI C63.4
Limit:	In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

Test Site:	Open Area Test Site (< 1GHz), Fully anechoic room (>1 GHz)
Distance:	Radiated Measurement
Date of Test:	30 January 2007

Frequency (MHz)	Antenna Polarisation	Meter Reading (dBµV)	Antenna Correction (dB)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
902.20	Vertical	89.66	24.19	113.85	Fundamenta 	---
915.40	Vertical	88.99	24.31	113.30	Fundamenta 	---
927.50	Vertical	88.95	24.41	113.36	Fundamenta 	---
Band Edge Compliance						
902.0	Vertical	4.12	24.19	28.31	93.85	N.R.B.
928.0	Vertical	4.93	24.41	29.34	93.36	N.R.B.
Low Channel						
734.22	Vertical	23.61	22.01	45.62	93.85	N.R.B.
790.48	Vertical	35.00	22.79	57.79	93.85	N.R.B.
846.74	Vertical	25.04	23.52	48.56	93.85	N.R.B.
1012.0	Vertical	25.72	27.74	53.46	54.00	0.54
1198.0	Vertical	22.21	28.53	50.74	54.00	3.26
3610.0	Vertical	2.15	38.11	50.25	54.00	3.75
5413.4	Vertical	3.95	34.85	48.80	54.00	5.20
6315.3	Vertical	11.04	38.19	50.23	54.00	3.77
7217.7	Vertical	6.64	38.95	45.59	54.00	8.41

Frequency (MHz)	Antenna Polarisation	Meter Reading (dBµV)	Antenna Correction (dB)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
8124.8	Vertical	8.57	39.70	48.27	54.00	5.73
9020.8	Vertical	2.50	43.72	46.21	54.00	7.79
Middle Channel						
743.92	Vertikal	27.60	22.15	49.74	93.30	N.R.B.
802.12	Vertical	37.03	22.95	59.98	93.30	N.R.B.
860.32	Vertical	26.46	23.69	50.15	93.30	N.R.B.
1030.0	Vertikal	24.41	27.82	52.23	54.00	1.77
1600.0	Vertical	22.02	30.18	52.20	54.00	1.80
1828.0	Vertical	21.04	31.41	52.45	54.00	1.55
6409.3	Vertical	11.37	38.27	49.64	54.00	4.36
7325.8	Vertical	14.41	39.07	53.48	54.00	0.52
8239.6	Horizontal	8.84	43.17	52.01	54.00	1.99
9154.0	Horizontal	0.10	43.81	43.91	54.00	10.09
High Channel						
697.36	Vertical	32.49	21.49	53.97	93.36	N.R.B.
753.62	Vertical	24.83	22.28	47.12	93.36	N.R.B.
755.56	Vertikal	33.59	22.31	55.90	93.36	N.R.B.
811.82	Vertical	39.31	23.08	62.38	93.36	N.R.B.
870.02	Vertical	31.44	23.81	55.25	93.36	N.R.B.
1042.0	Vertical	18.38	25.62	44.00	54.00	10.00
1876.0	Vertical	17.81	30.65	48.46	54.00	5.54
4636.4	Vertical	17.96	34.11	52.07	54.00	1.93
5565.1	Vertical	5.46	35.00	40.46	54.00	13.54
6493.9	Vertical	13.74	38.34	52.09	54.00	1.91
9276.4	Vertical	1,58	43.90	45.48	54.00	8.52

RF Exposure

Rules and Specifications:	15.247 (b) (4)
Guide:	OET Bulletin 65, Edition 97-01
Limit:	According to §15.247(b)(4) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

Limits for Maximum Permissible Exposure (MPE) General Population / Uncontrolled Exposure

Frequency Range (MHz)	Electric Field Strength (V/m)	Magnetic Field Strength (A/m)	Power Density (mW/cm ²)	Averaging Time (minute)
30 - 1500	---	---	f/1500 = 0.61 mW/cm ² @ 915 MHz	30

f = frequency in MHz

MPE Prediction of MPE according to equation from page 19 of OET Bulletin 65, Edition 97-01

$$S = PG/4\pi R^2$$

Where: S = power density

P = power input to antenna

G = power gain of the antenna relativ to an isotropic radiator

R = Distance to the center of radiation of the antenna

Maximum output power at antenna input terminal:

20.64 dBm = 116 mW

Prediction distance:

20 cm

Antenna gain: **(Antenna Factor ANT-DB1-RMS)**

3 dBi = 1.99 (numerical gain)

Power density at 20 cm:

0.04 mW/cm²

Test Result:	Pass	
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Spurious Radiation Measurement

Rules and Specifications:	15.109,	
Guide:	ANSI C63.4	
Limit:	Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated at least 50 dB below the level of the fundamental or to the general radiated emission limits below, whichever is the lesser attenuation	
	Frequency of Emission (MHz)	Field Strength (microvolts/meter)
	30 - 88	100
	88 - 216	150
	216 - 960	200
	Above 960	500

Tested Frequency:	RX Mode, middle RF Channel
Test Site:	Open Area Test Site (< 1 GHz), Fully anechoic chamber (> 1 GHz)
Distance:	3 Meter

Frequency (MHz)	Detector	Antenna Polarization	Analyzer Reading (dBμV)	Correction Factor (dB/m)	Field Strength (dBμV/m)	Limit (dBμV/m)	Margin (dB)
167.740	Peak	Horizontal	28.17	10.61	38.78	43.50	4.7
208.480	Peak	Horizontal	26.59	12.63	39.22	43.50	4.3
903.000	Peak	Vertical	17.11	24.20	41.31	46.00	4.7
1198.000	Peak	Vertical	18.35	28.53	46.88	54.00	7.1
1600.000	Peak	Vertical	17.95	30.18	48.13	54.00	5.9
1606.000	Peak	Vertical	18.94	30.22	49.16	54.00	4.8

*** = All emissions showed more than 20 dB margin to the limit

Sample calculation of erp values:

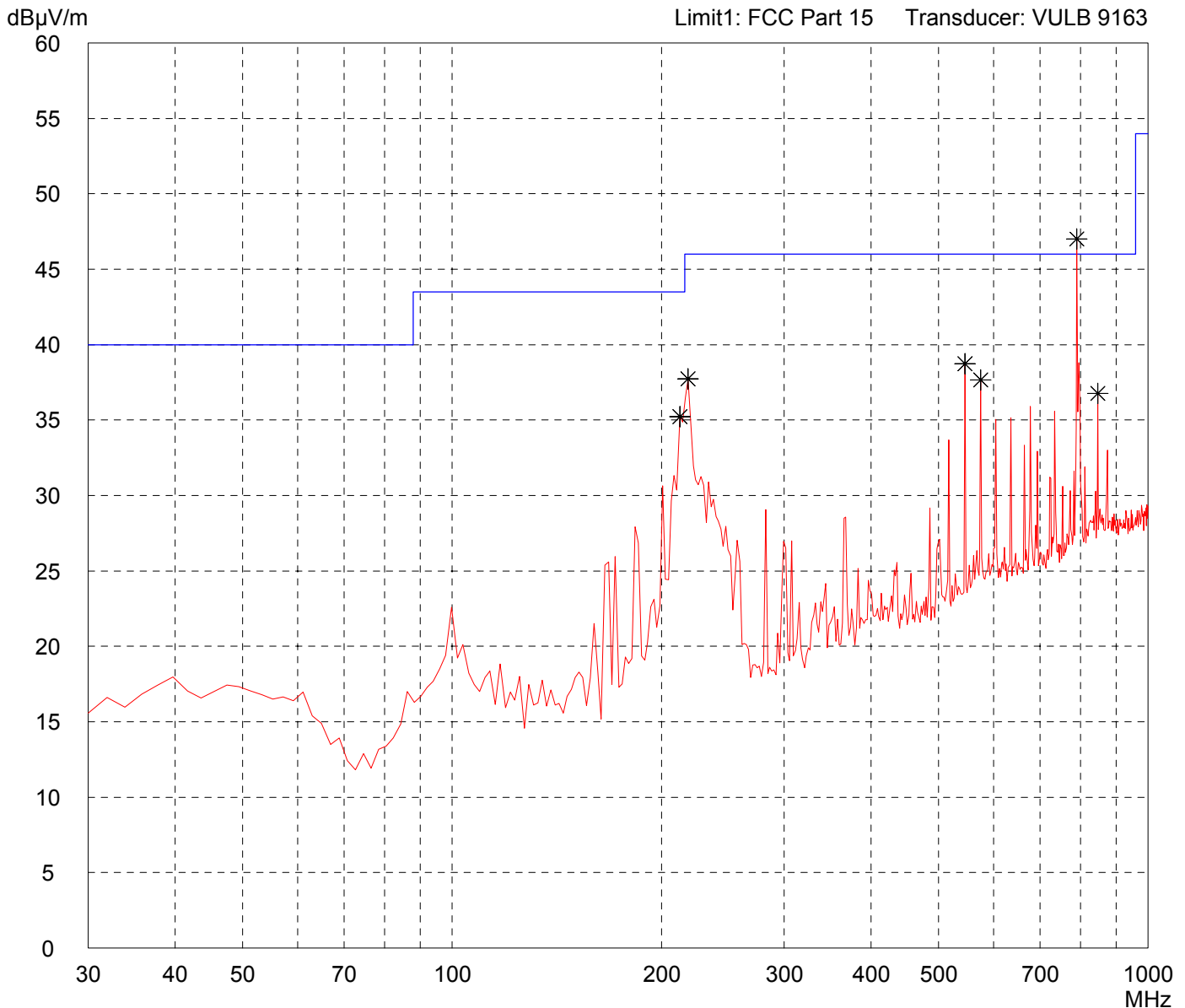
$$\text{Field Strength (dB}\mu\text{V/m)} = \text{Analyzer Reading (dB}\mu\text{V)} + \text{Correction Factor (dB/m)}$$

Charts taken during testing

Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4490LR-200M	Comment: - TX at 902.20 MHz - Antenna: ANT-DB1-RMS - Notch Filter at Fundamental frequency
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Horizontal Polarization	
Date of test: 01/30/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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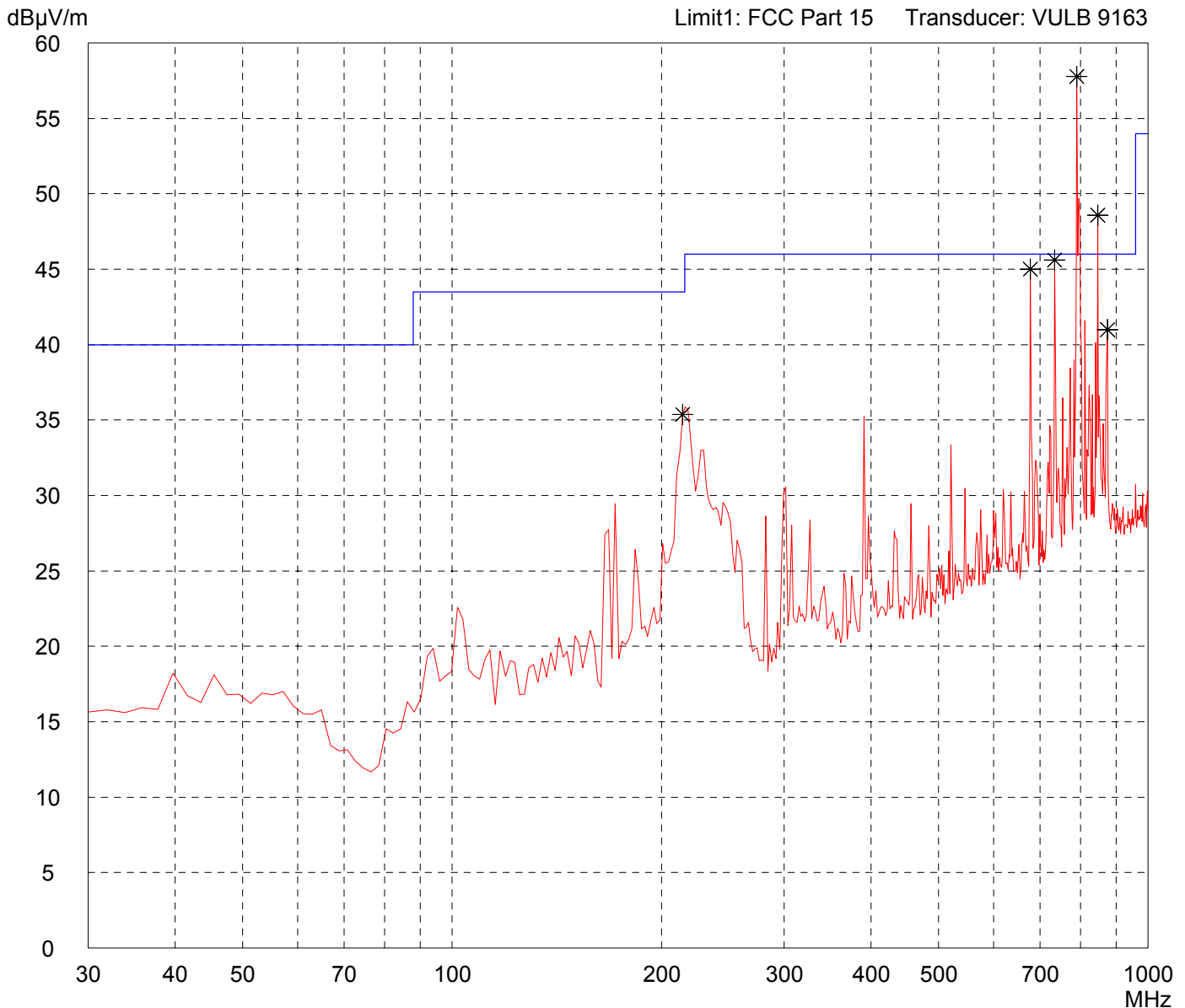


Result: Prescan	Project file: 56109-61084
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4490LR-200M	Comment: - TX at 902.20 MHz - Antenna: ANT-DB1-RMS - Notch Filter at Fundamental frequency
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Vertical Polarization	
Date of test: 01/30/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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

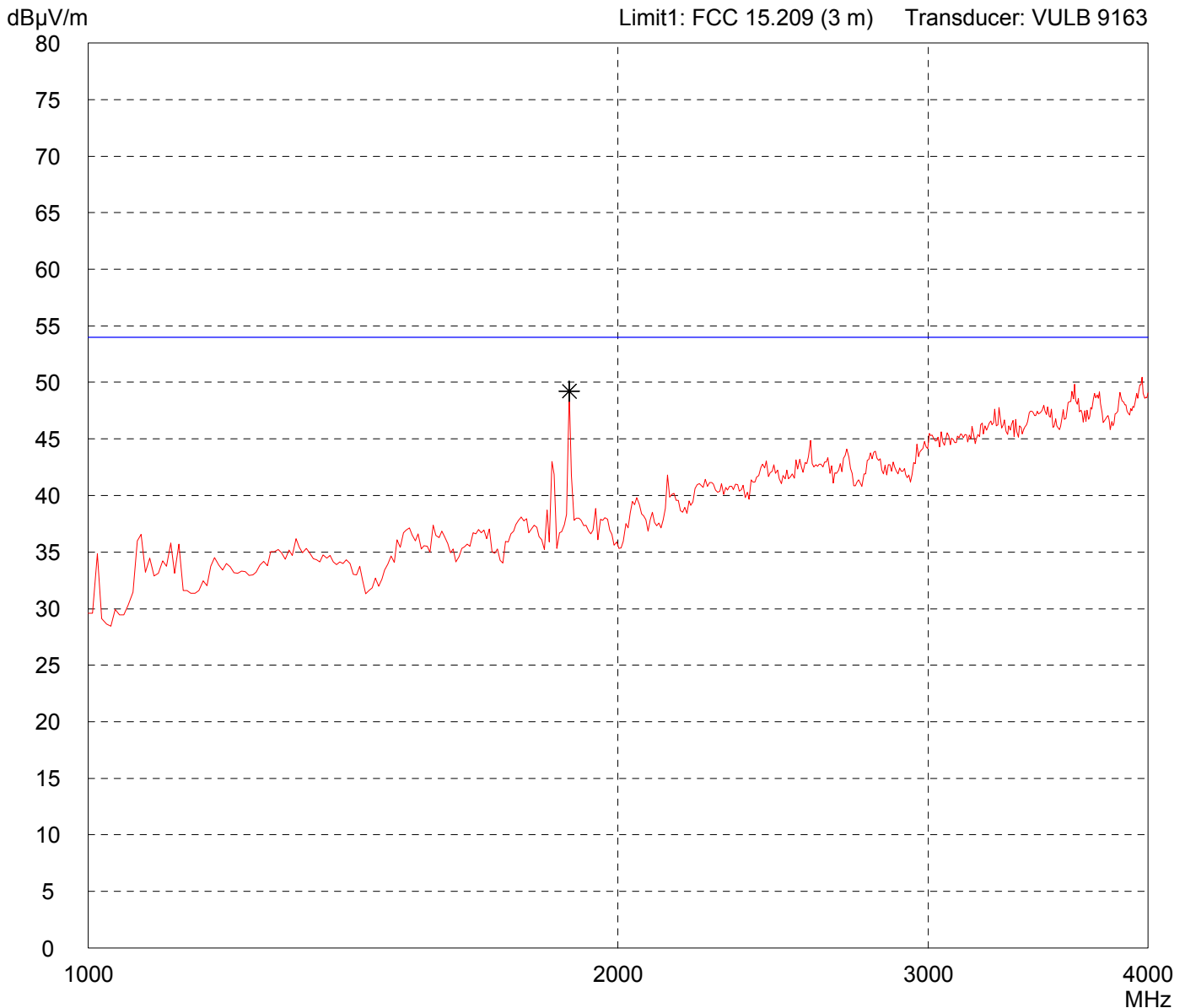


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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4490LR-200M	Comment: - TX Mode on Low Channel - Antenna: ANT-DB1-RMS - Notch Filter on Fundamental frequency
Serial no.:	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Horizontal Polarization	
Date of test: 07/13/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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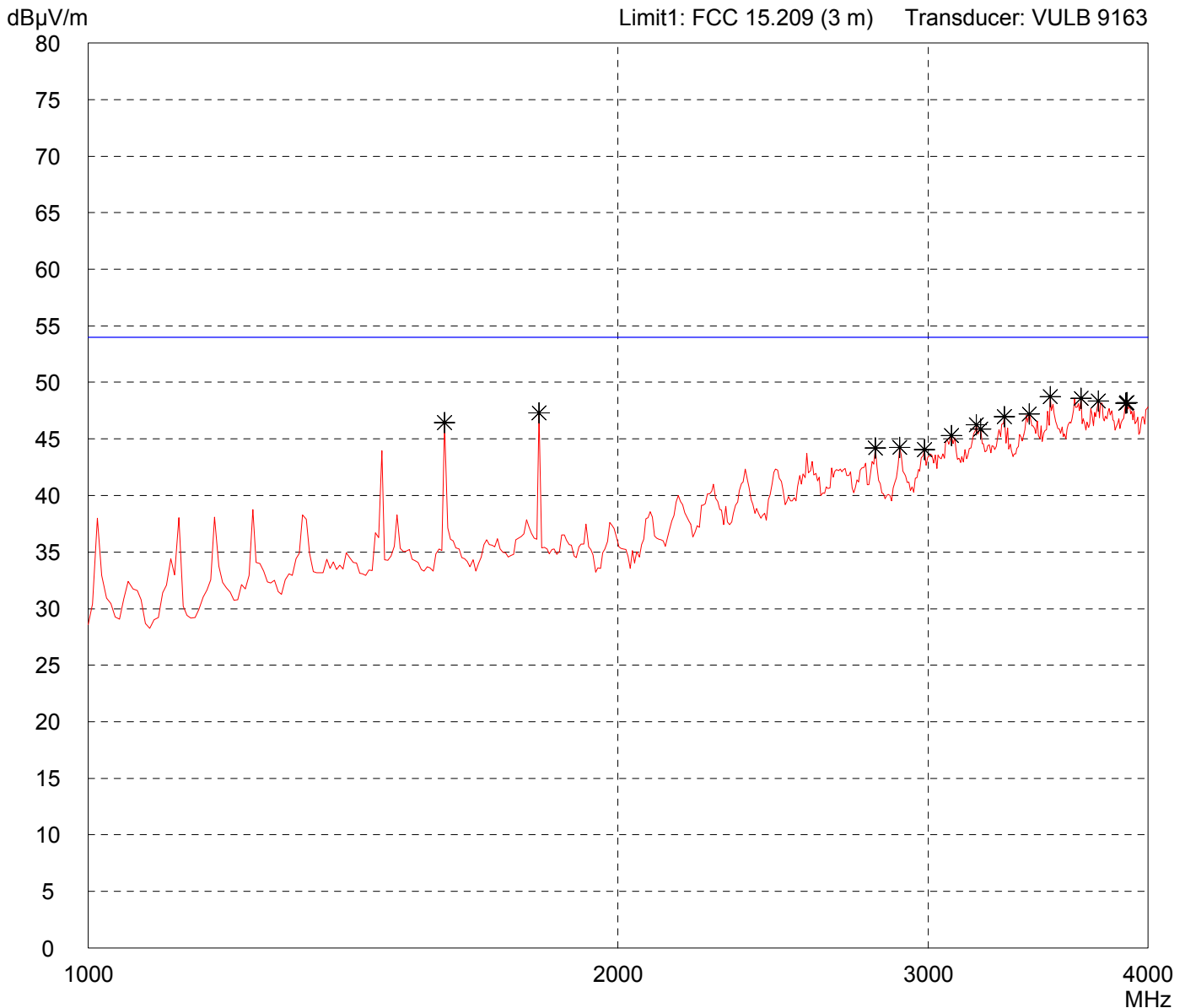


Result: Pass	Project file: 56109-61084-2
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4490LR-200M	Comment: - TX Mode on Low Channel - Antenna: Cushcraft PC8910 - Notch Filter on Fundamental frequency
Serial no.:	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Vertical Polarization	
Date of test: 07/13/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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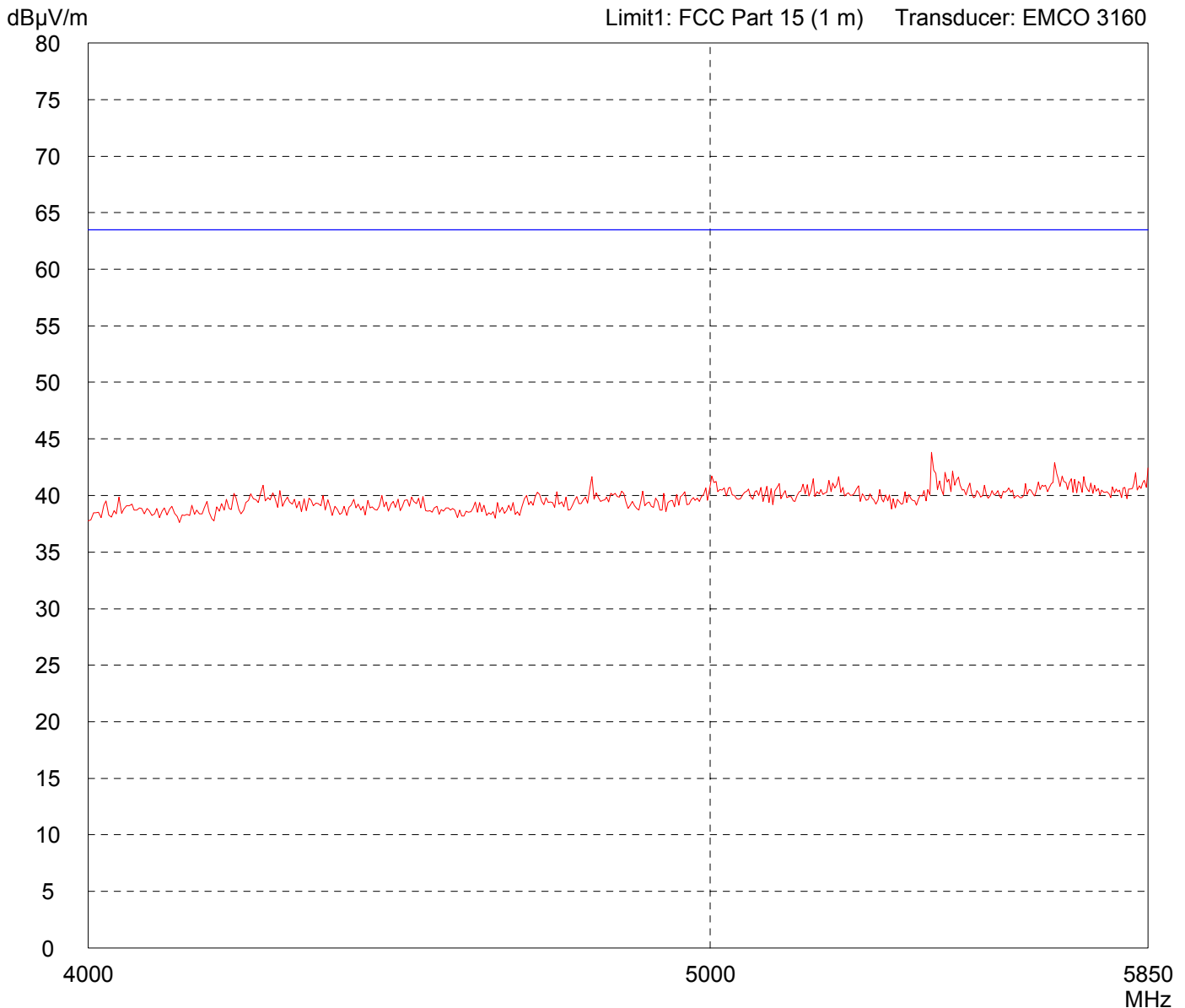


Result: Pass	Project file: 56109-61084-2 Page of Pages
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Radiated Emission Test 4 GHz - 5.85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4490LR-200M	Comment: - TX at 902,20 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Horizontal Polarization	
Date of test: 02/01/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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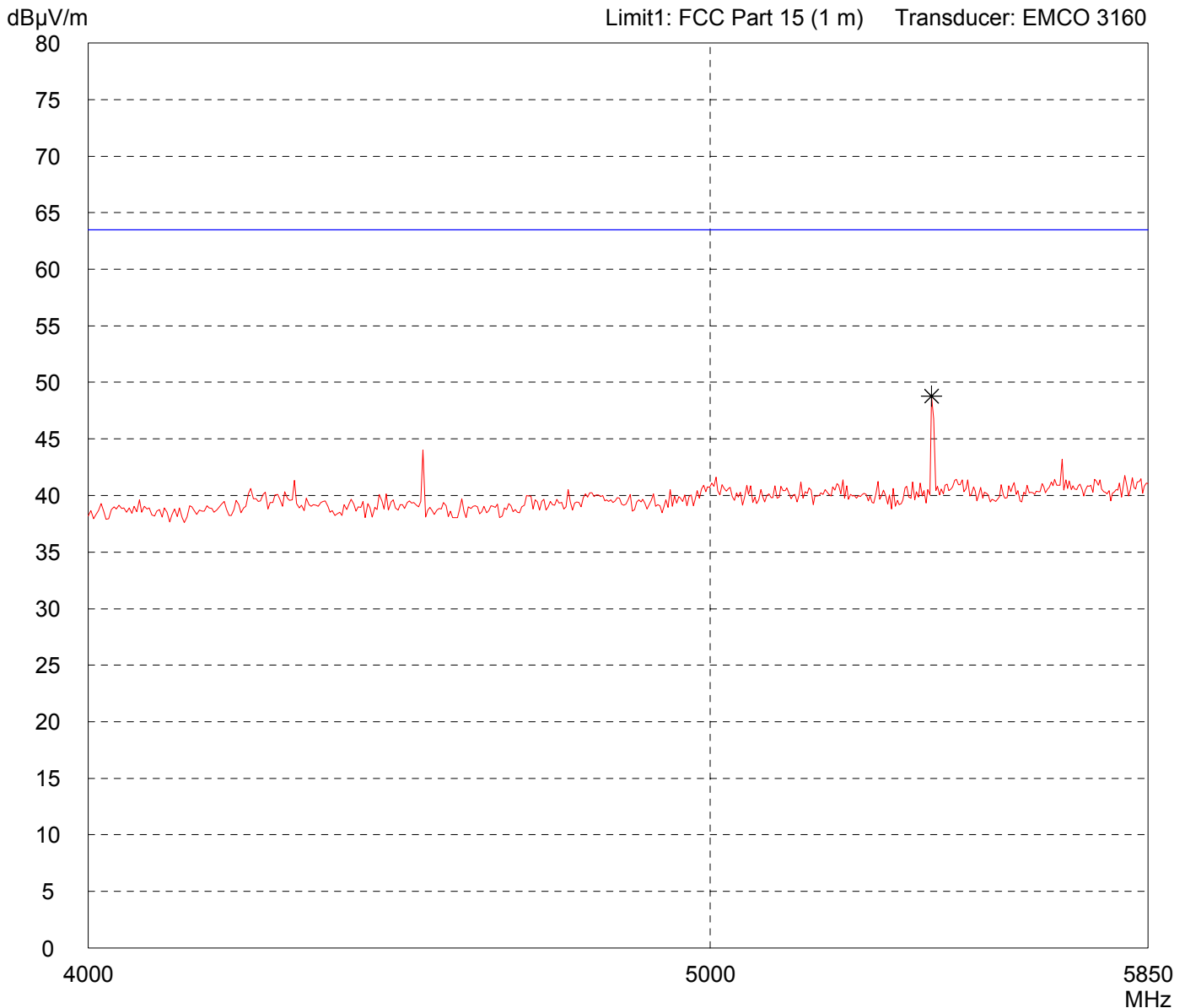


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 4 GHz - 5.85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4490LR-200M	Comment: - TX at 902,20 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Vertical Polarization	
Date of test: 02/01/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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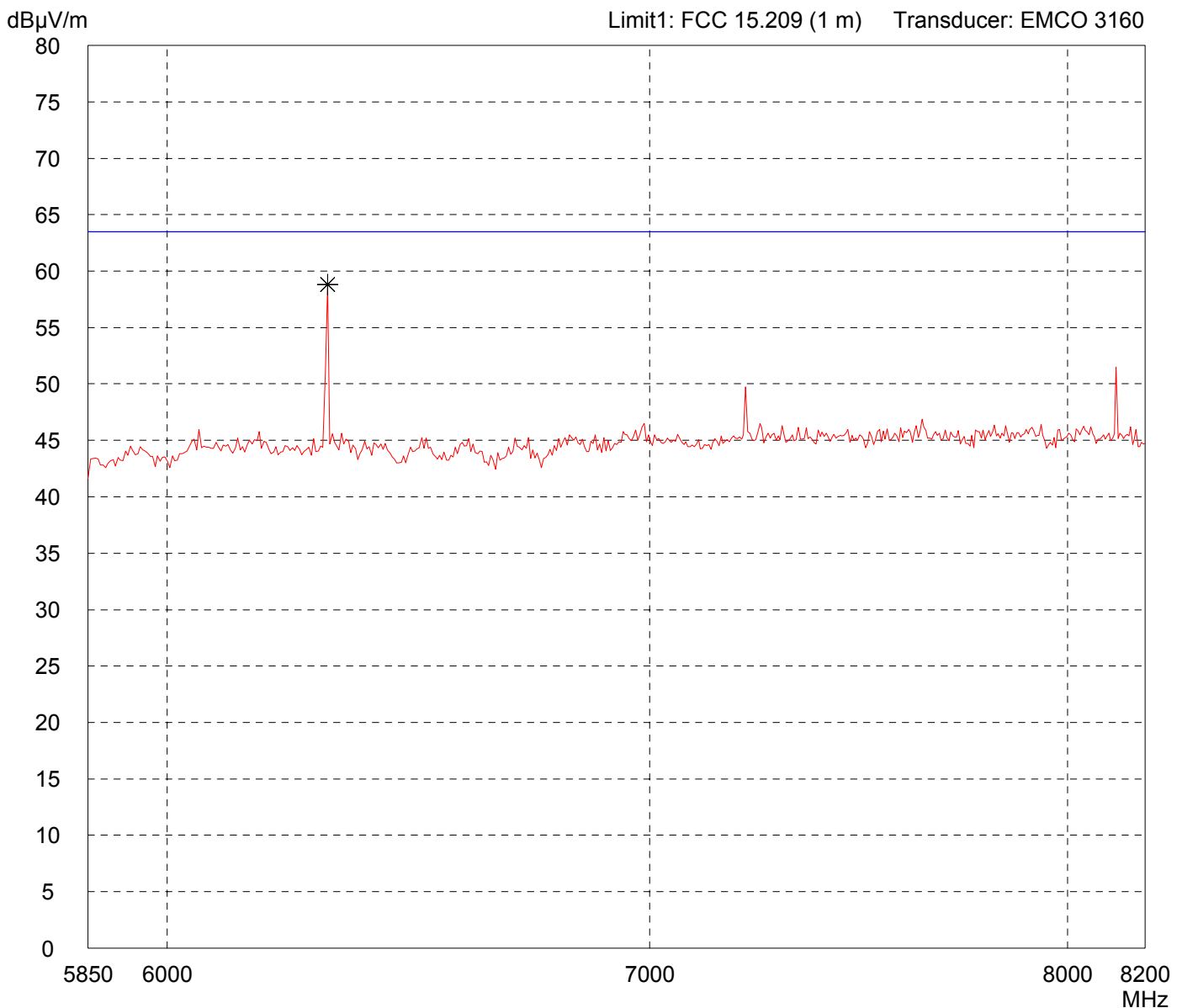


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 5.85 GHz - 8.2 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4490LR-200M	Comment: - TX Mode on Low Channel - Antenna: ANT-DB1-RMS - Notch Filter on Fundamental frequency
Serial no.:	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Horizontal Polarization	
Date of test: 07/13/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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

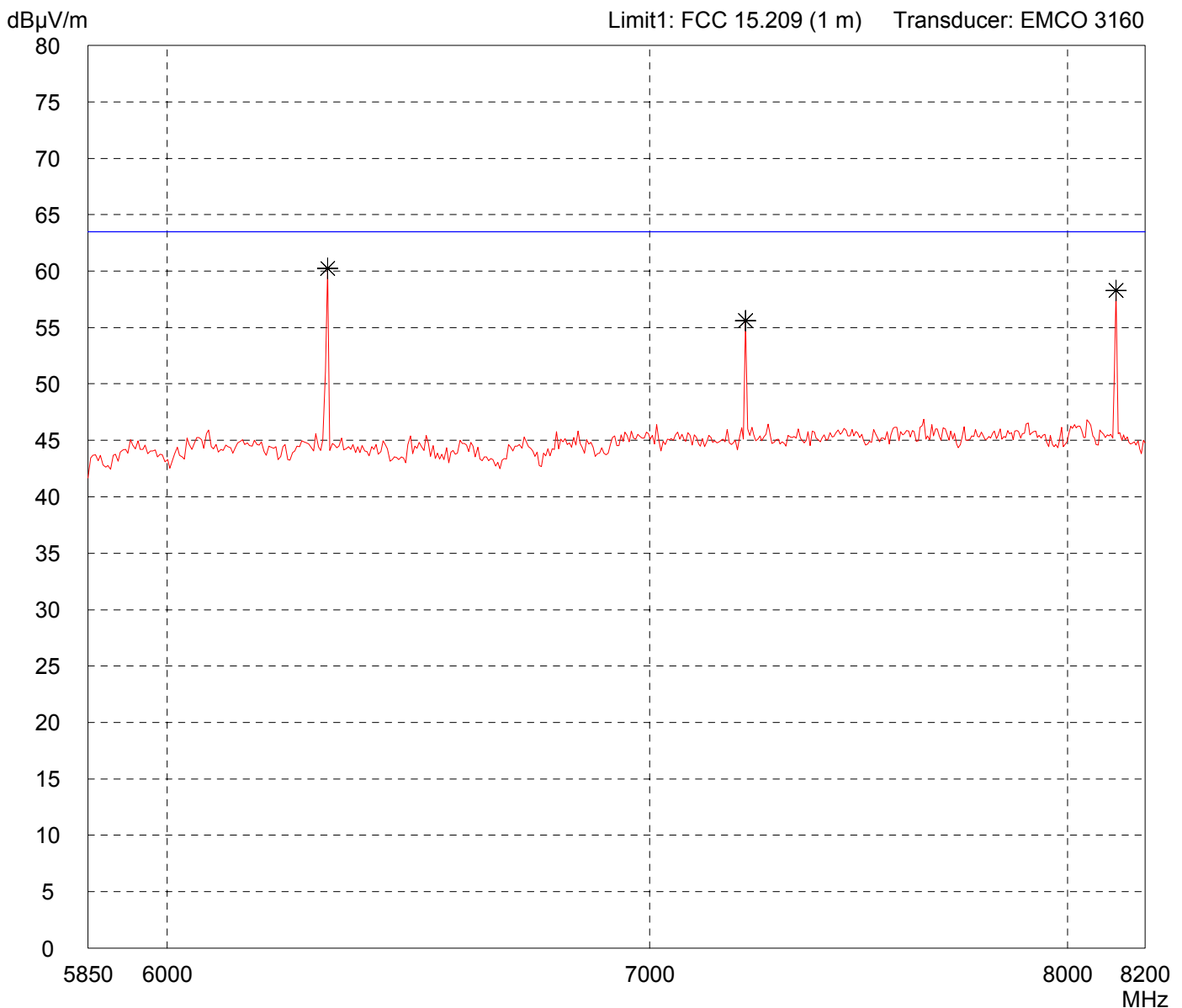


Result: Pass	Project file: 56109-61084-2
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Radiated Emission Test 5.85 GHz - 8.2 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4490LR-200M	Comment: - TX Mode on Low Channel - Antenna: ANT-DB1-RMS - Notch Filter on Fundamental frequency
Serial no.:	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Vertical Polarization	
Date of test: 07/13/2007 Operator: J. Roidt	
Test performed: automatically File name: default.emi	

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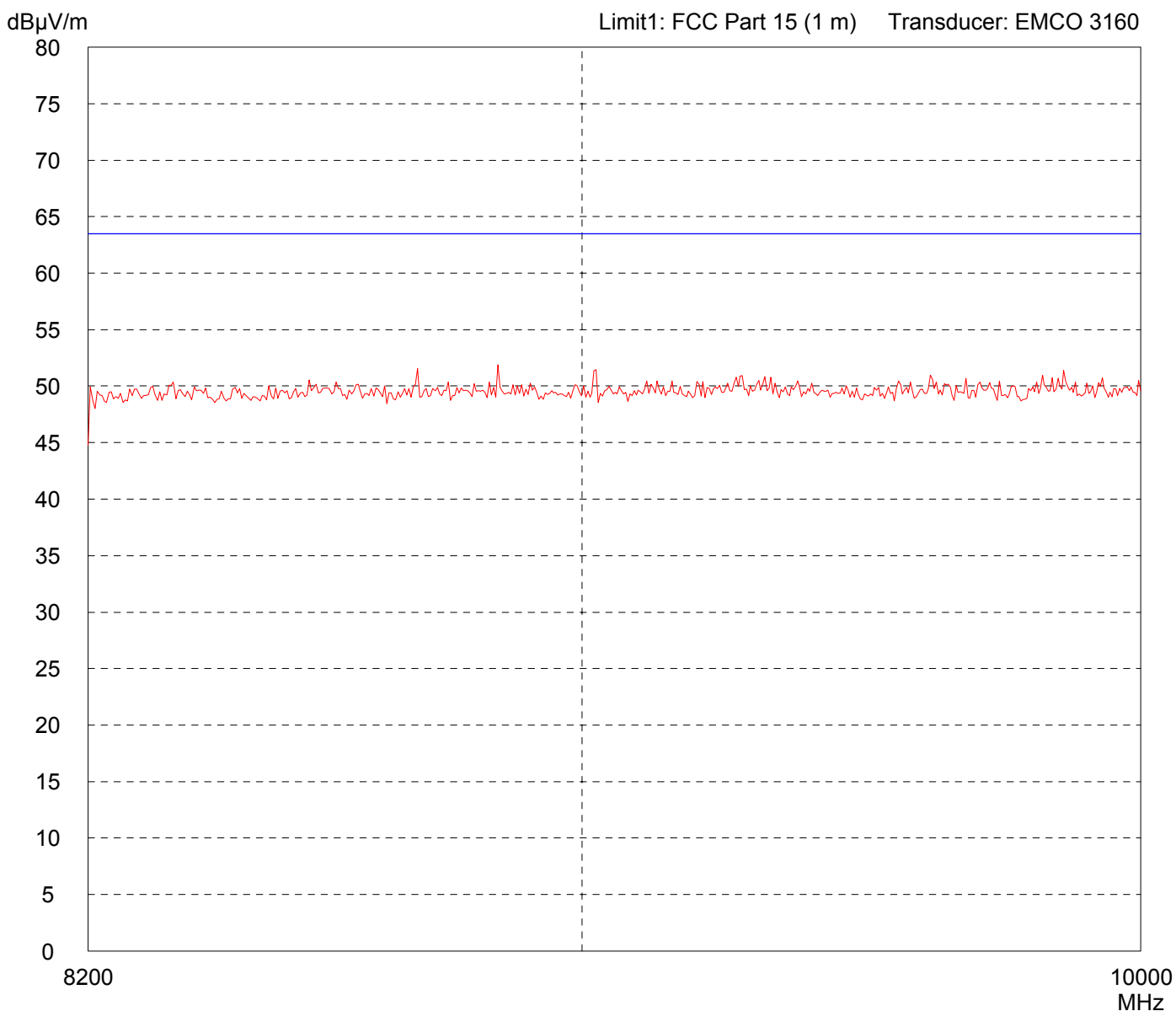


Result: Pass	Project file: 56109-61084-2
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Radiated Emission Test 8.2 GHz - 10 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4490LR-200M	Comment: - TX at 902,20 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Horizontal Polarization	
Date of test: 02/01/2007 Operator: A. Stübinger	
Test performed: automatically File name: default.emi	

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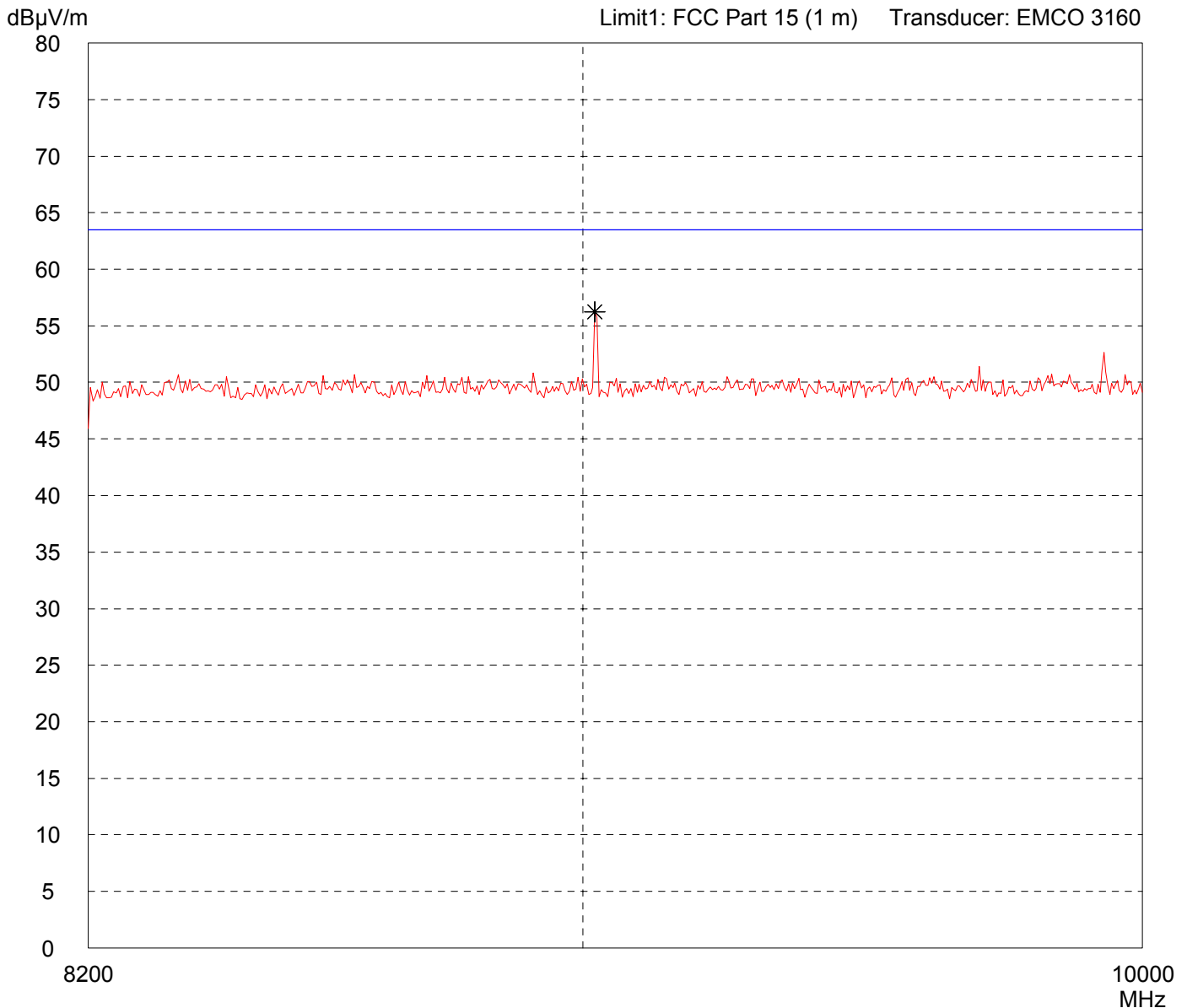


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 8.2 GHz - 10 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4490LR-200M	Comment: - TX at 902,20 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Vertical Polarization	
Date of test: 02/01/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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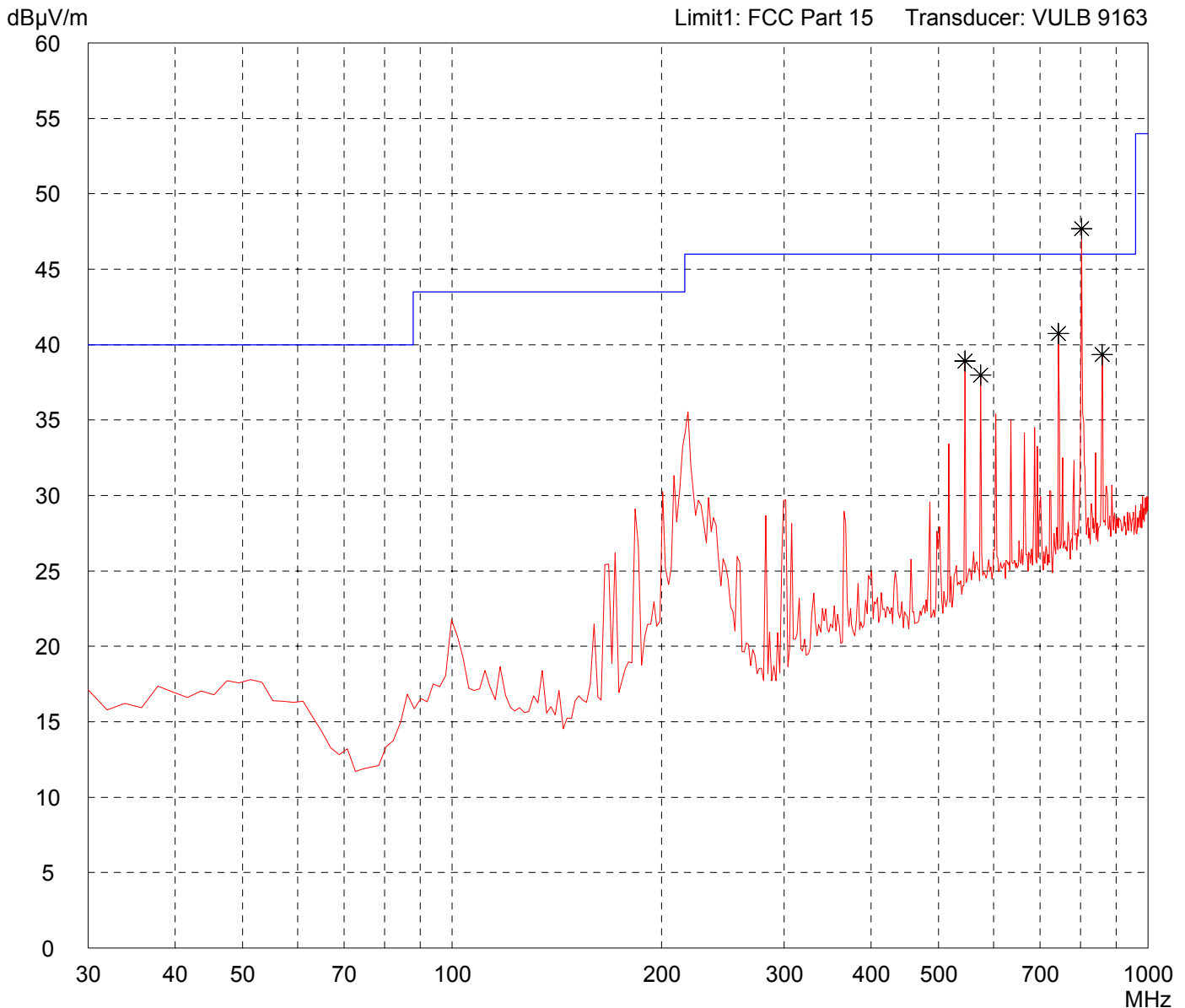


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4490LR-200M	Comment: - TX at 915.38 MHz - Antenna: ANT-DB1-RMS - Notch Filter at Fundamental frequency
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Horizontal Polarization	
Date of test: 01/30/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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

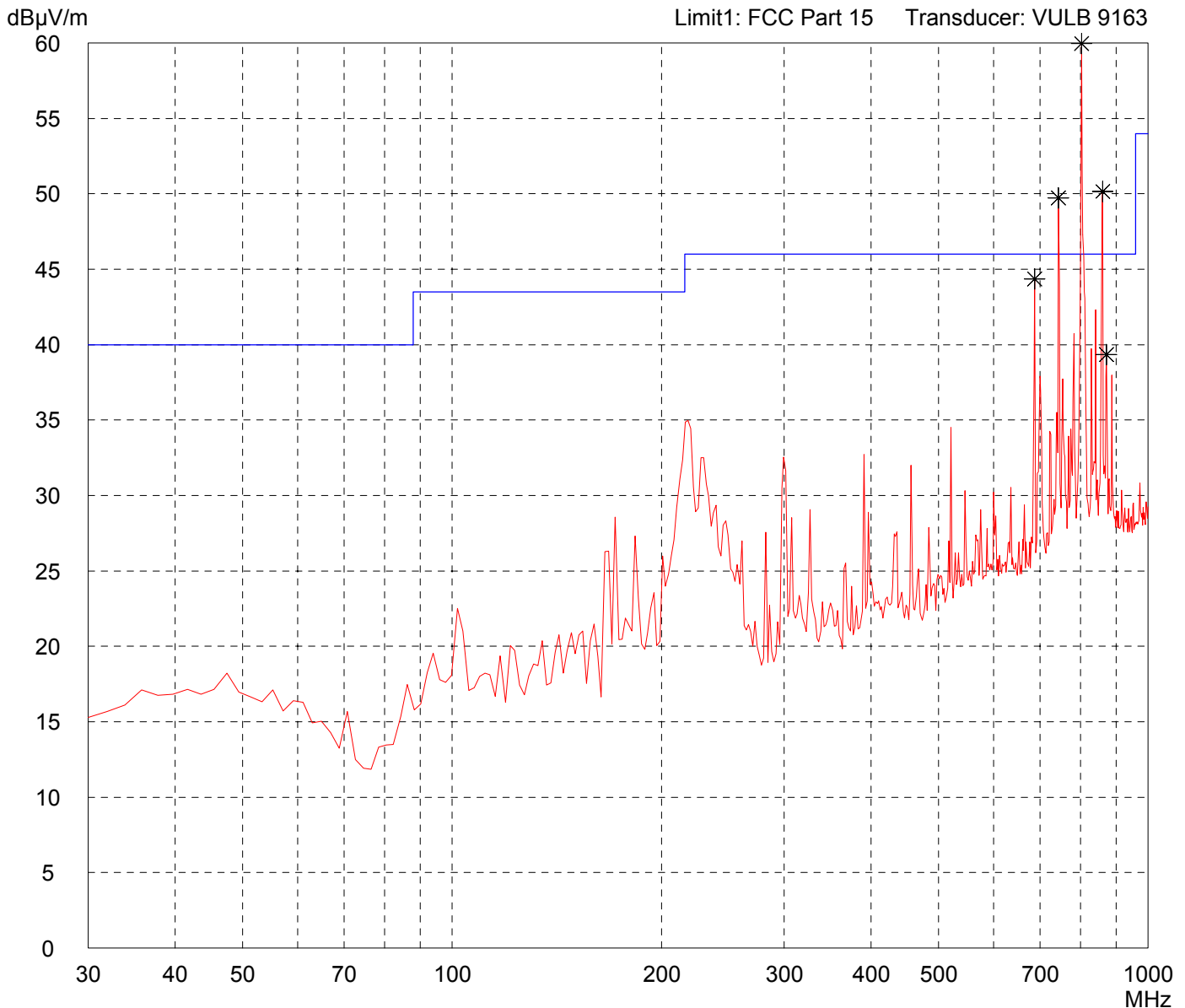


Result: Prescan	Project file: 56109-61084
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4490LR-200M	Comment: - TX at 915.38 MHz - Antenna: ANT-DB1-RMS - Notch Filter at Fundamental frequency
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Vertical Polarization	
Date of test: 01/30/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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

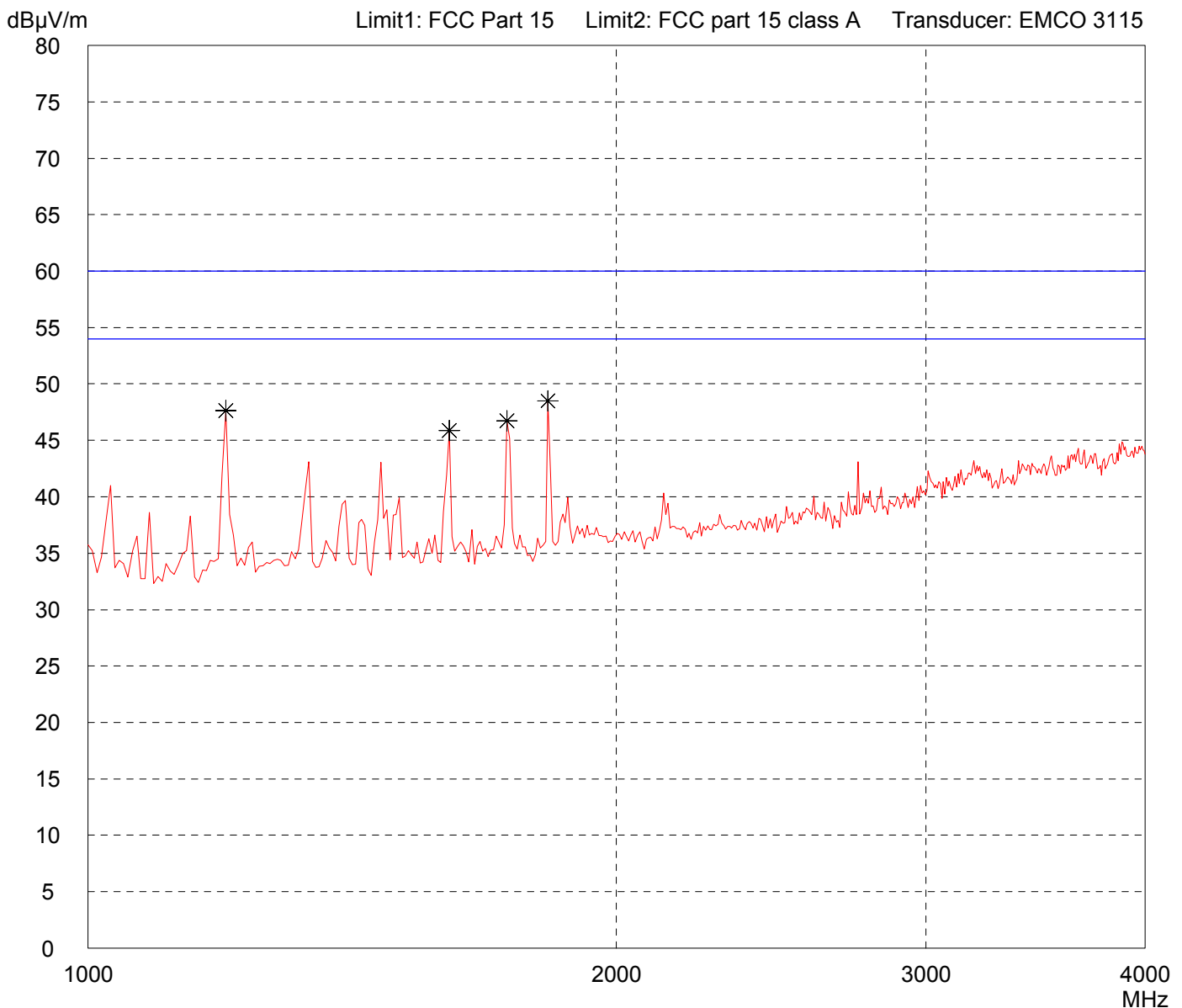


Result: Prescan	Project file: 56109-61084
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 (EMCO 3115)

Model: AC4490LR-200M	Comment: - TX at 915.38 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Horizontal Polarization	
Date of test: 02/01/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

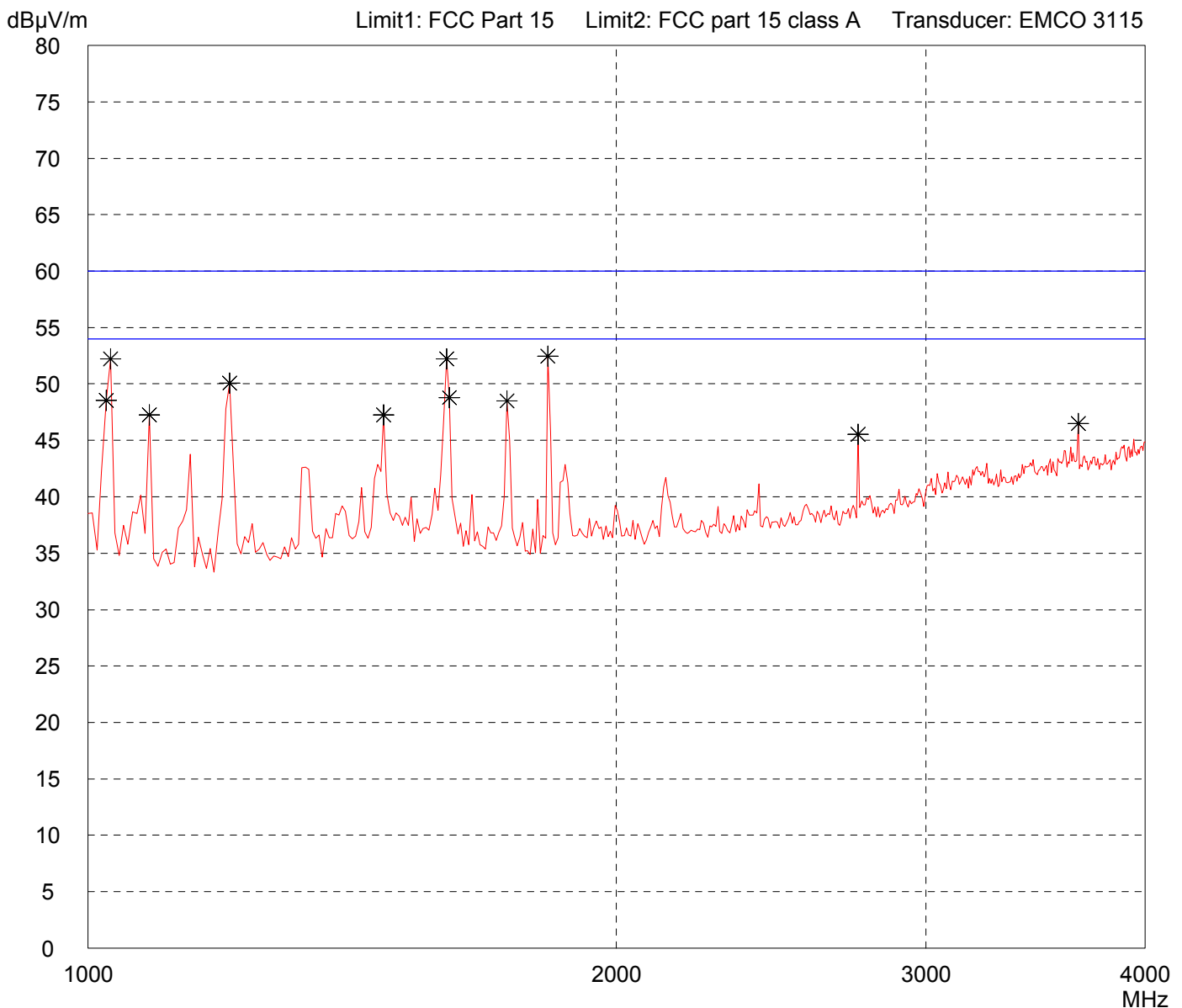
Detector: Peak	List of values: Selected by hand
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Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 (EMCO 3115)

Model: AC4490LR-200M		Comment: - TX at 915.38 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1		
Applicant: AEROCOMM, Inc.		
Test site: Fully anechoic room, cabin no. 2		
Tested on: Test distance 3 metres Vertical Polarization		
Date of test: 02/01/2007	Operator: A. Stübinger	List of values: Selected by hand
Test performed: automatically	File name: default.emi	
Detector: Peak		

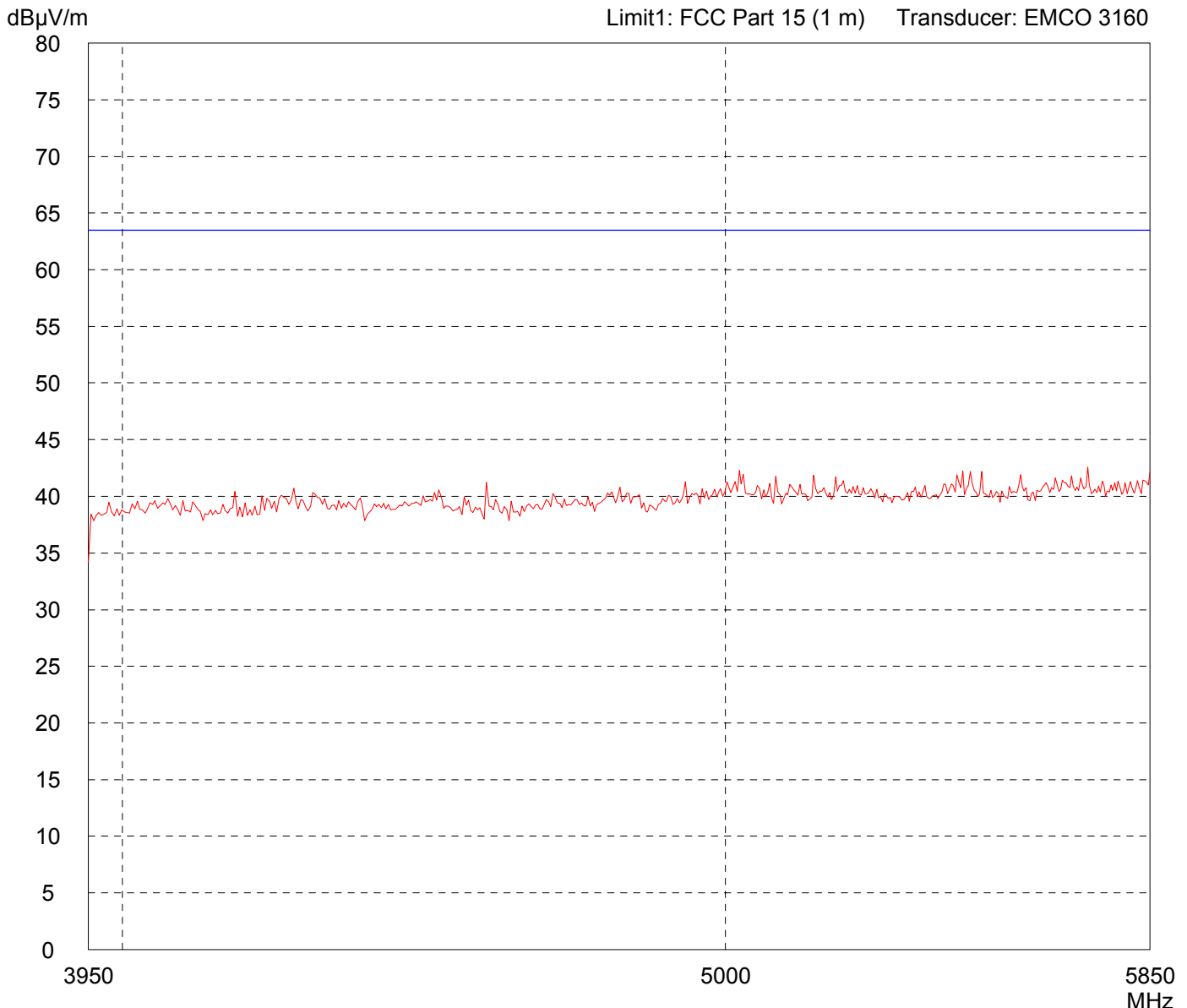


Result: Limit kept	Project file: 56109-61084	Page of Pages
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Radiated Emission Test 3.95 GHz - 5.85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4490LR-200M	Comment: - TX at 915.38 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Horizontal Polarization	
Date of test: 02/02/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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

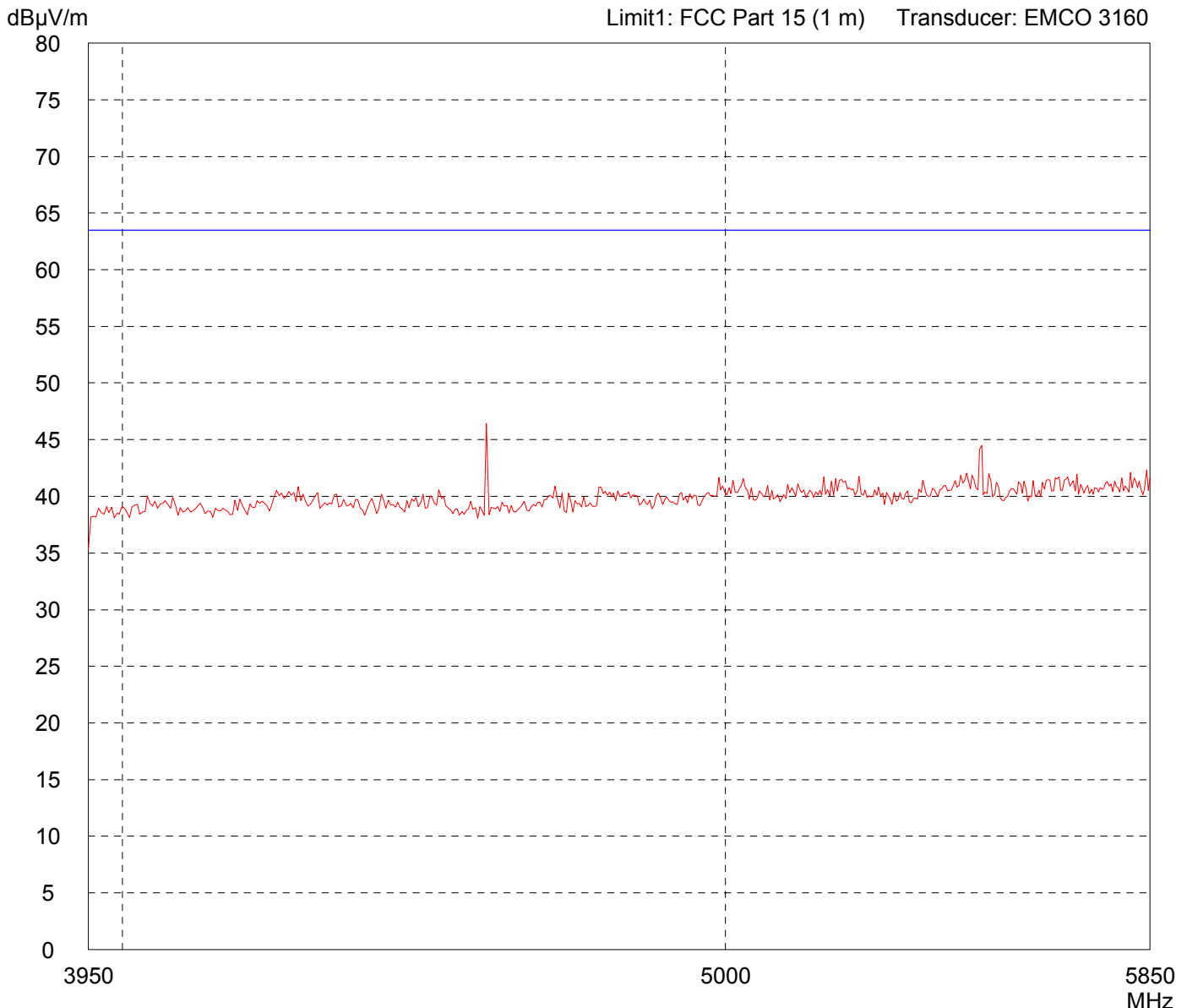


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 3.95 GHz - 5.85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4490LR-200M	Comment: - TX at 915.38 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Vertical Polarization	
Date of test: 02/02/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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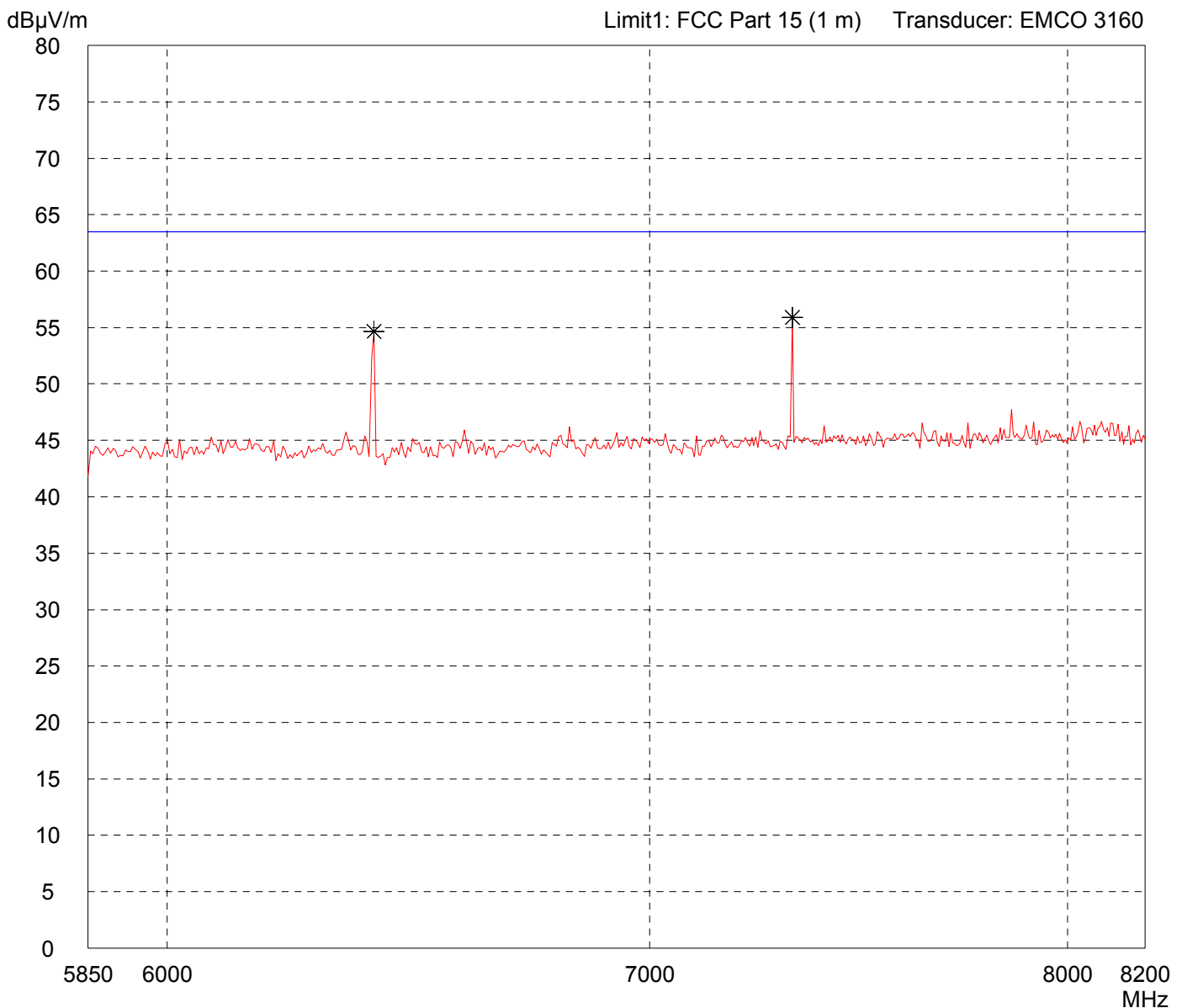


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 5.85 GHz - 8.2 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4490LR-200M	Comment: - TX at 915.38 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Horizontal Polarization	
Date of test: 02/02/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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

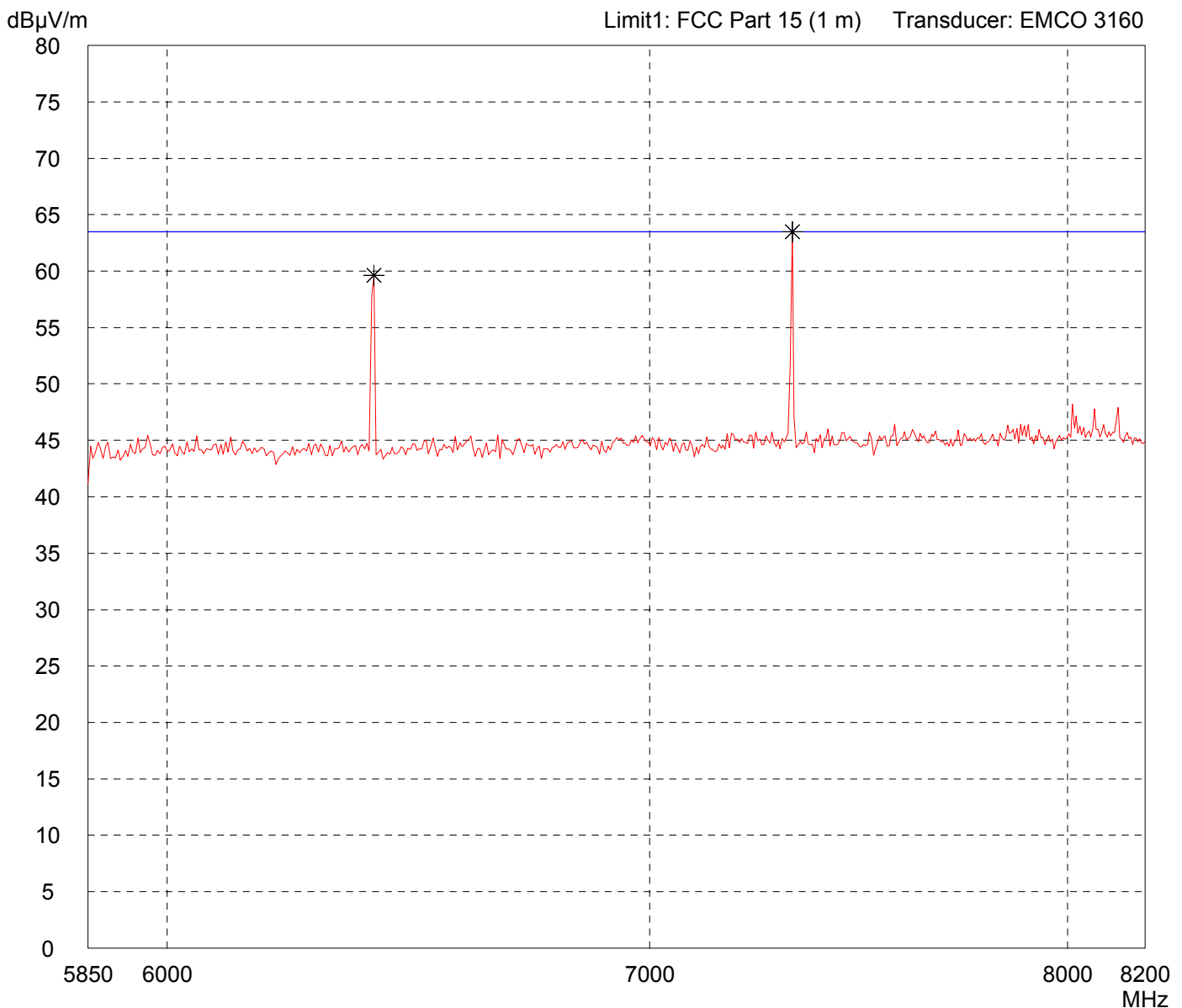


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 5.85 GHz - 8.2 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4490LR-200M	Comment: - TX at 915.38 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Vertical Polarization	
Date of test: 02/02/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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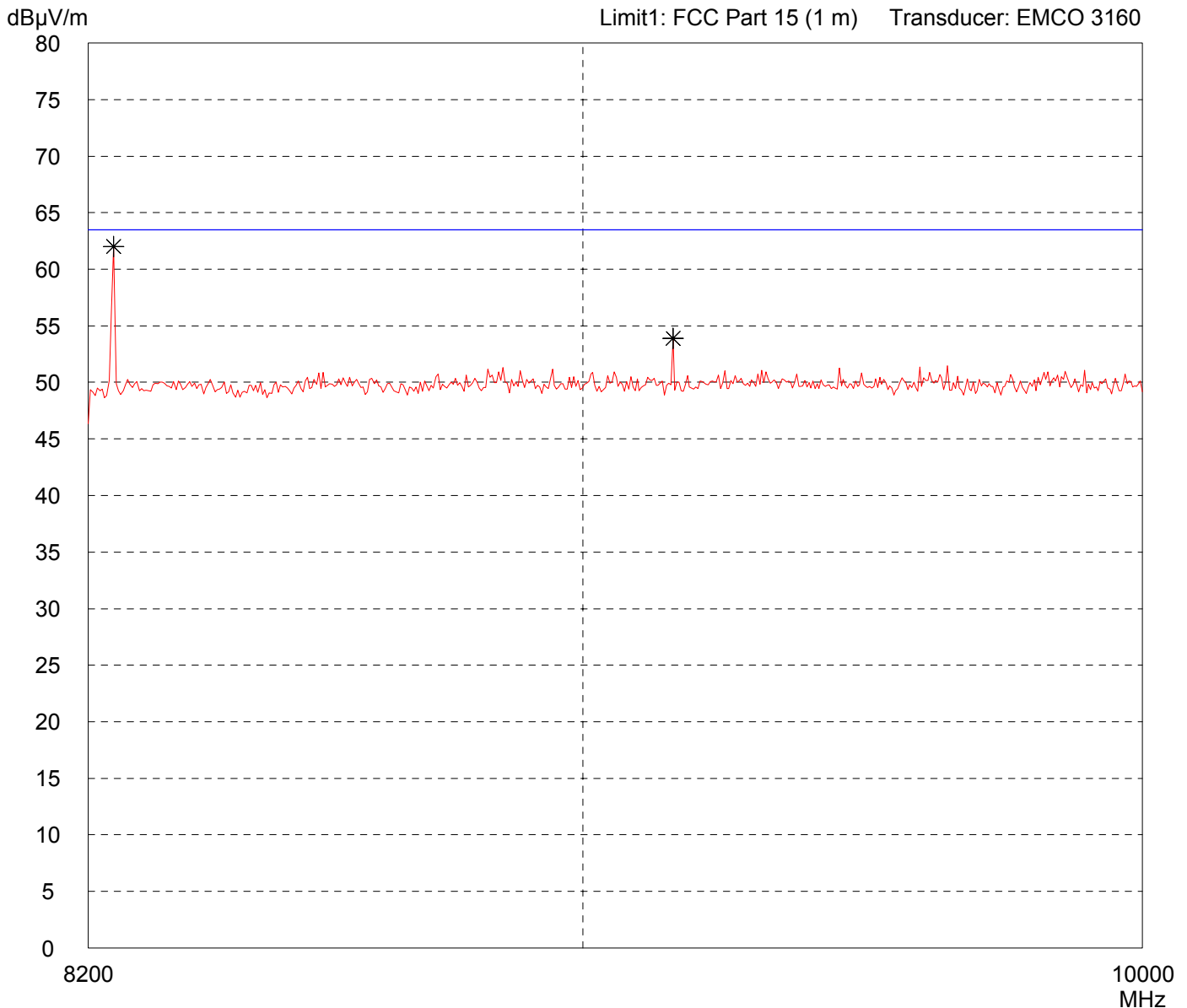


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 8.2 GHz - 10 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4490LR-200M	Comment: - TX at 915.38 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Horizontal Polarization	
Date of test: 02/02/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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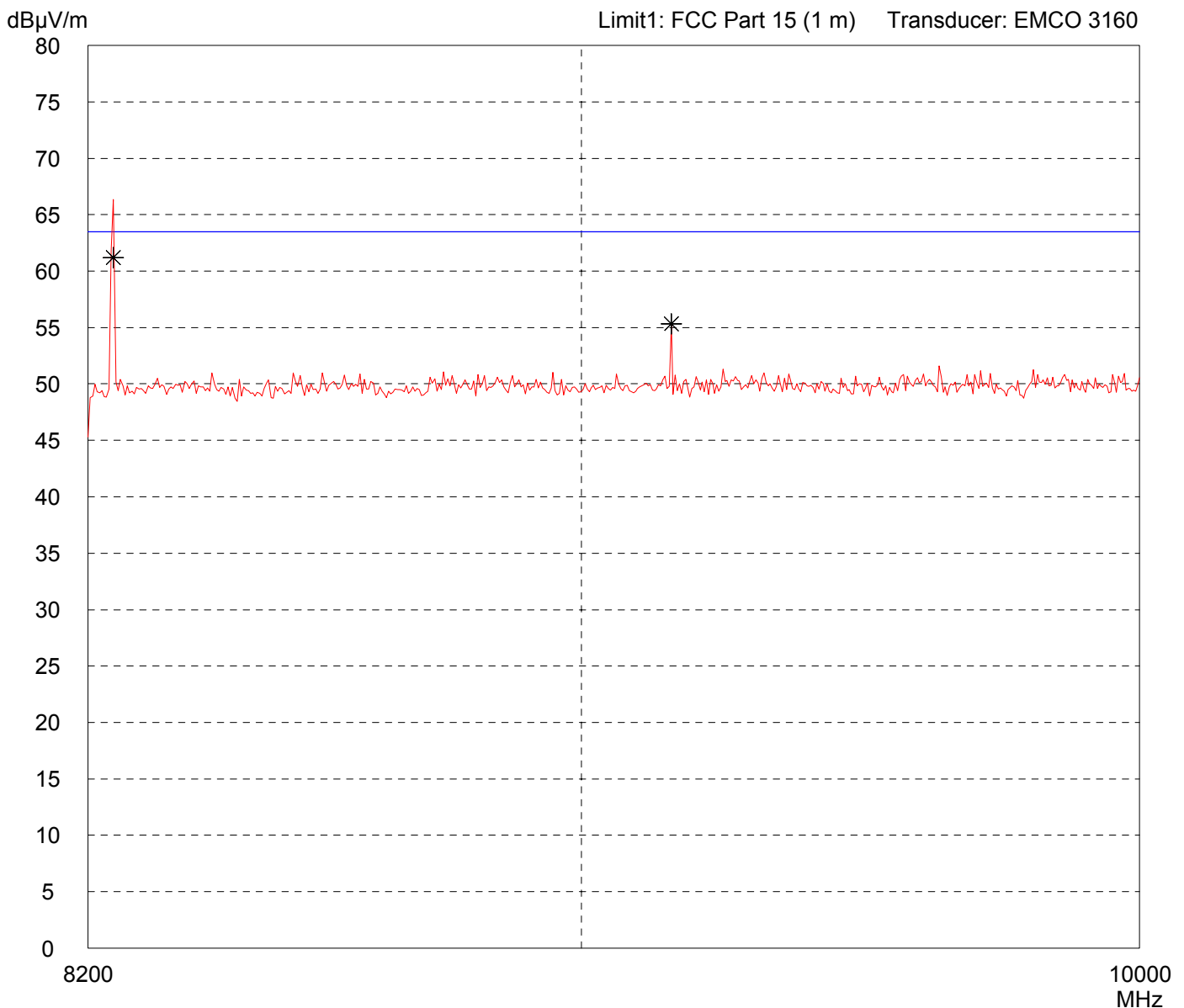


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 8.2 GHz - 10 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4490LR-200M	Comment: - TX at 915.38 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Vertical Polarization	
Date of test: 02/02/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

Detector: Peak (AV manual)	List of values: Selected by hand
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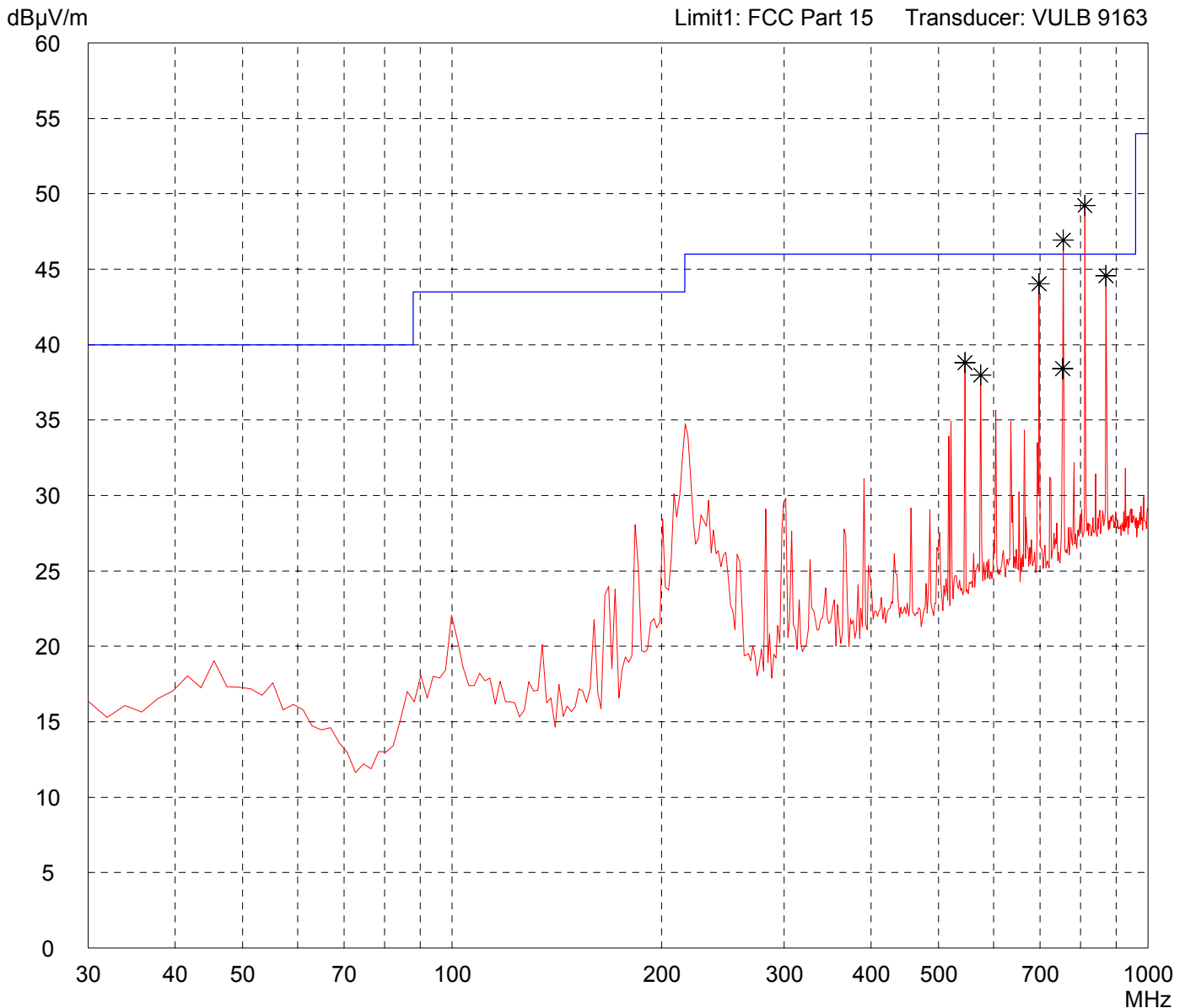


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4490LR-200M	Comment: - TX at 927.50 MHz - Antenna: ANT-DB1-RMS - Notch Filter at Fundamental frequency
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Horizontal Polarization	
Date of test: 01/30/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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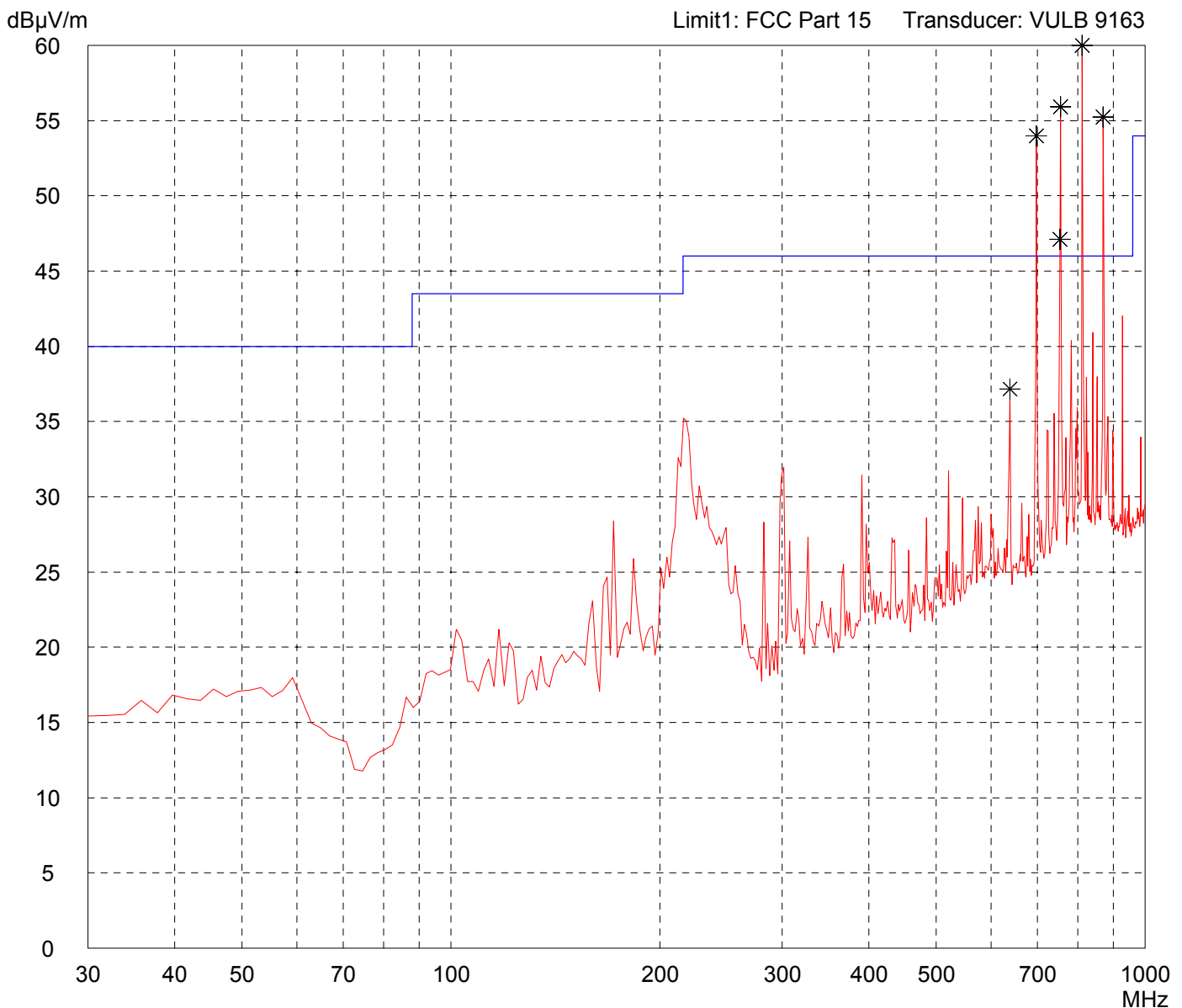


Result: Prescan	Project file: 56109-61084
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4490LR-200M	Comment: - TX at 927.50 MHz - Antenna: ANT-DB1-RMS - Notch Filter at Fundamental frequency
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Vertical Polarization	
Date of test: 01/30/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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

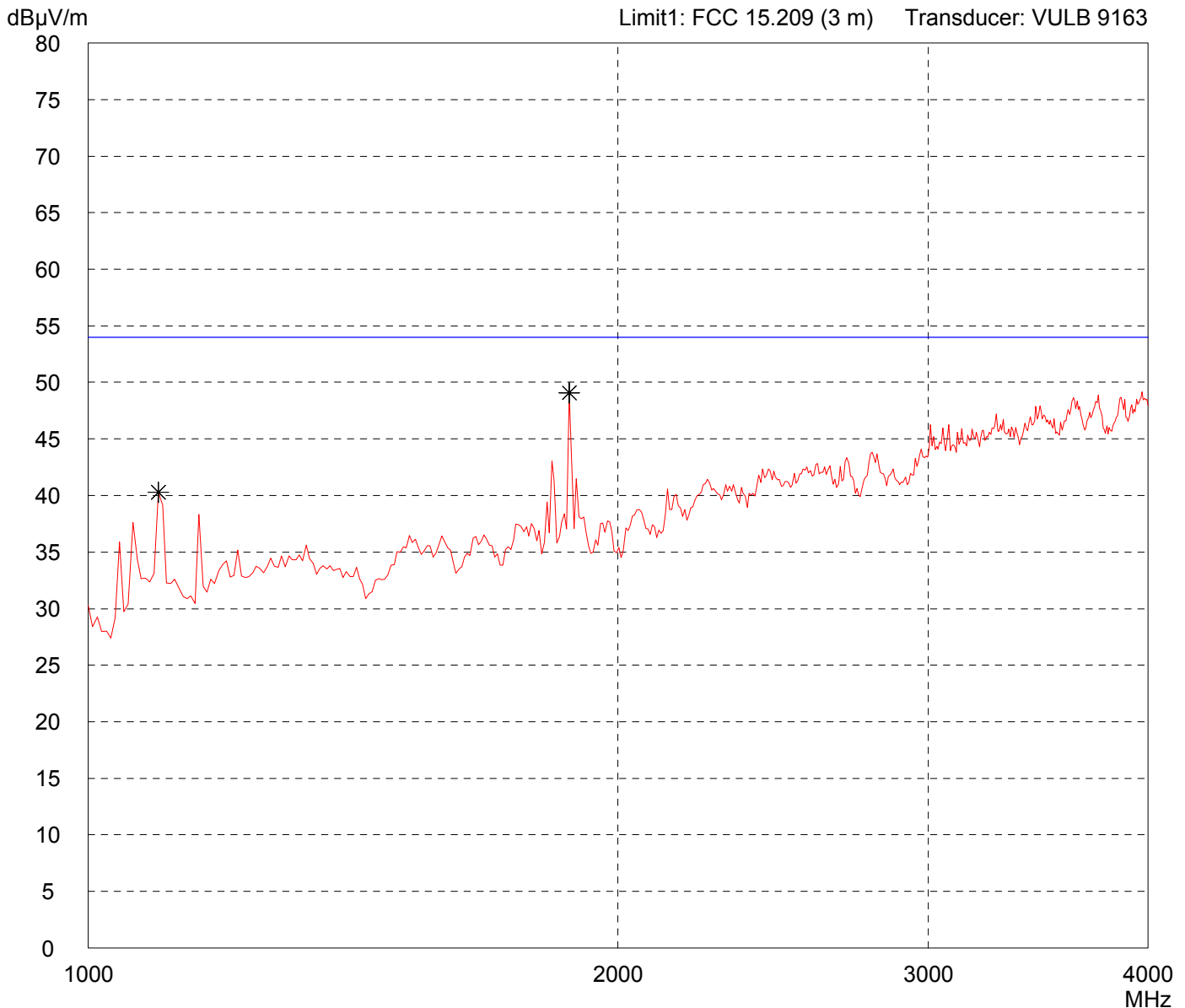


Result: Prescan	Project file: 56109-61084
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4490LR-200M	Comment: - TX Mode on High Channel - Antenna: ANT-DB1-RMS - Notch Filter on Fundamental frequency
Serial no.:	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Horizontal Polarization	
Date of test: 07/13/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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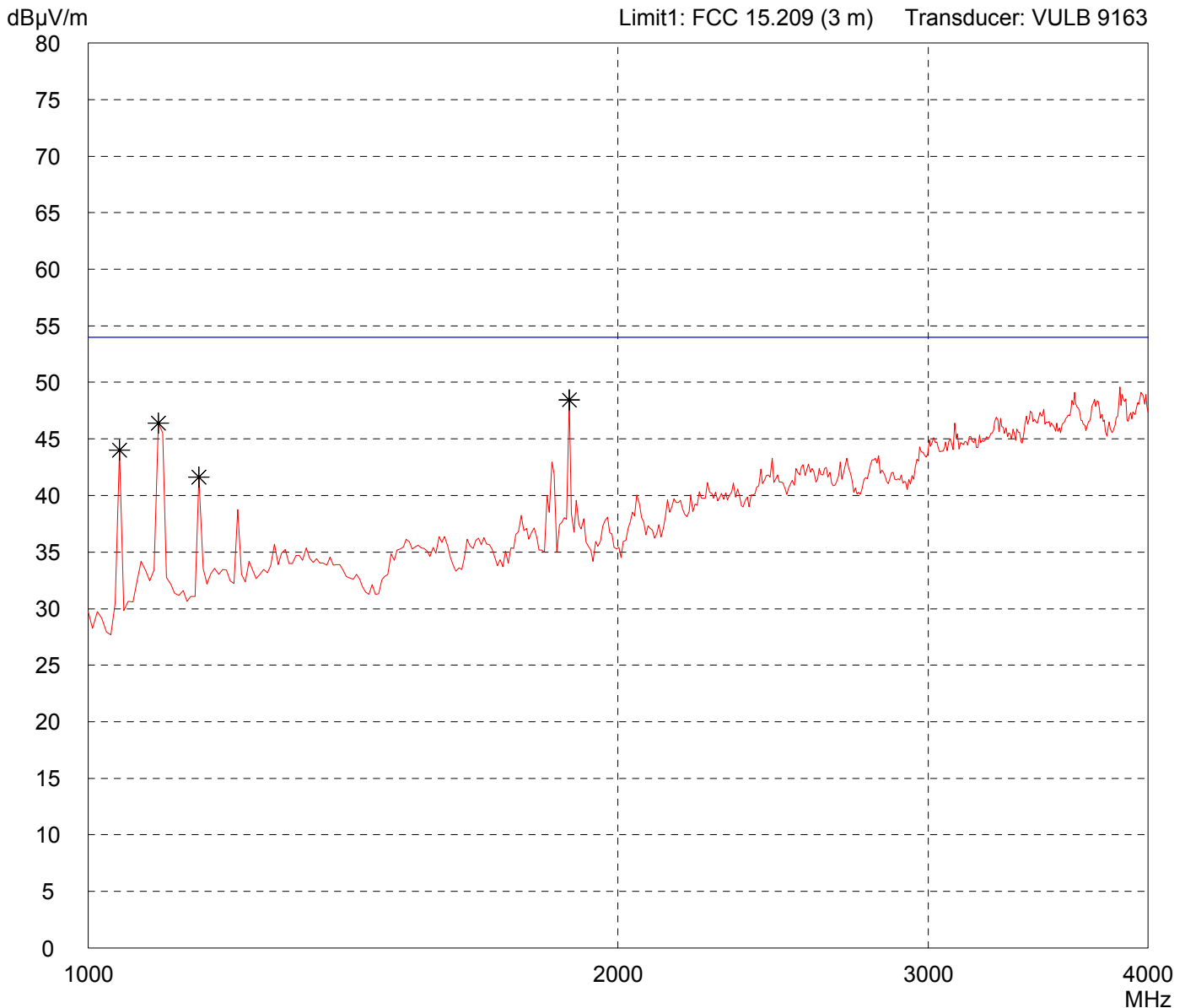


Result: Pass	Project file: 56109-61084-2
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4490LR-200M	Comment: - TX Mode on High Channel - Antenna: ANT-DB1-RMS - Notch Filter on Fundamental frequency
Serial no.:	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Vertical Polarization	
Date of test: 07/13/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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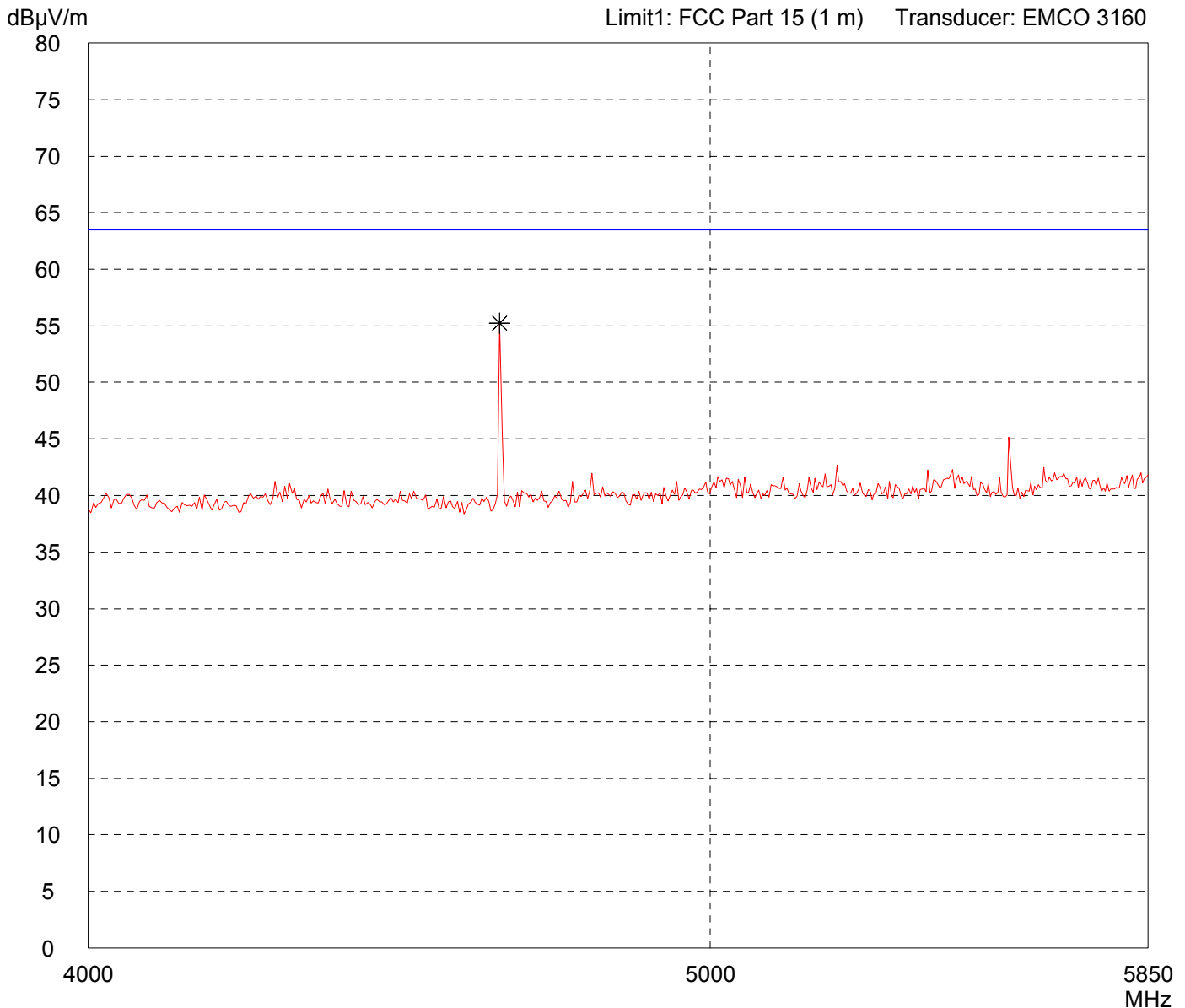


Result: Pass	Project file: 56109-61084-2
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Radiated Emission Test 4 GHz - 5.85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4490LR-200M	Comment: - TX at 927.50 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Horizontal Polarization	
Date of test: 02/02/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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

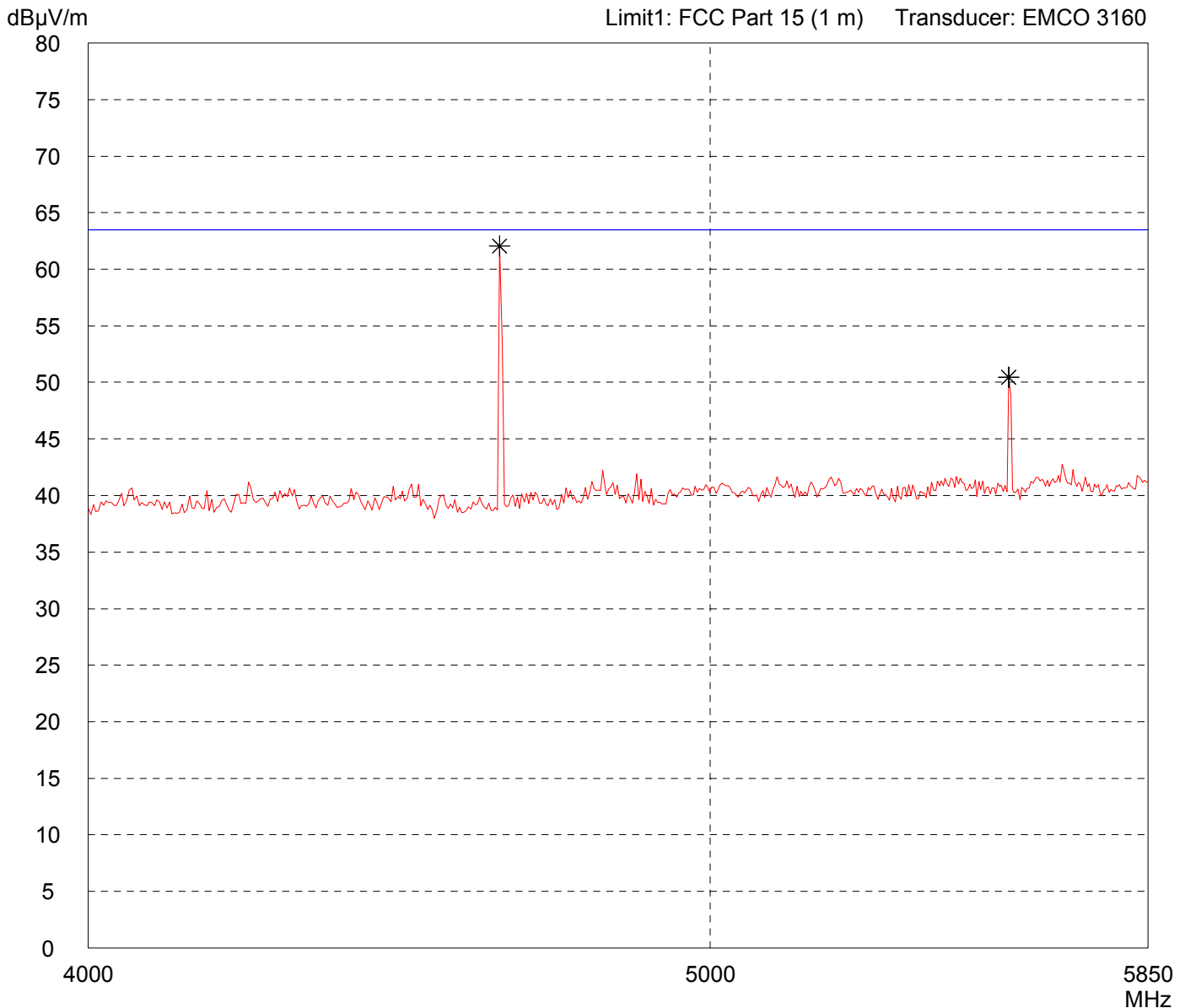


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 4 GHz - 5.85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4490LR-200M	Comment: - TX at 927.50 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Vertical Polarization	
Date of test: 02/02/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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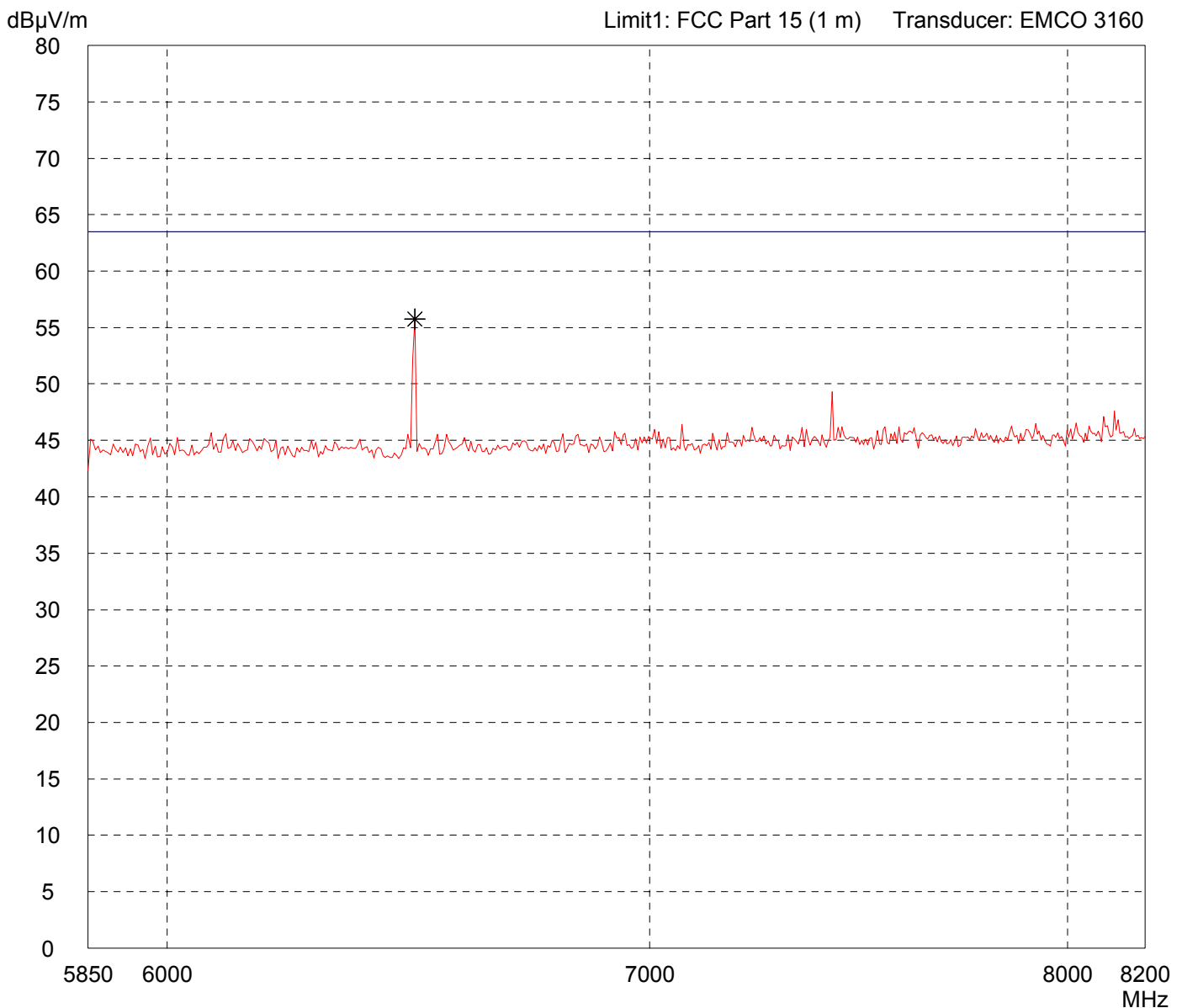


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 5.85 GHz - 8.2 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4490LR-200M	Comment: - TX at 927.50 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Horizontal Polarization	
Date of test: 02/02/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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

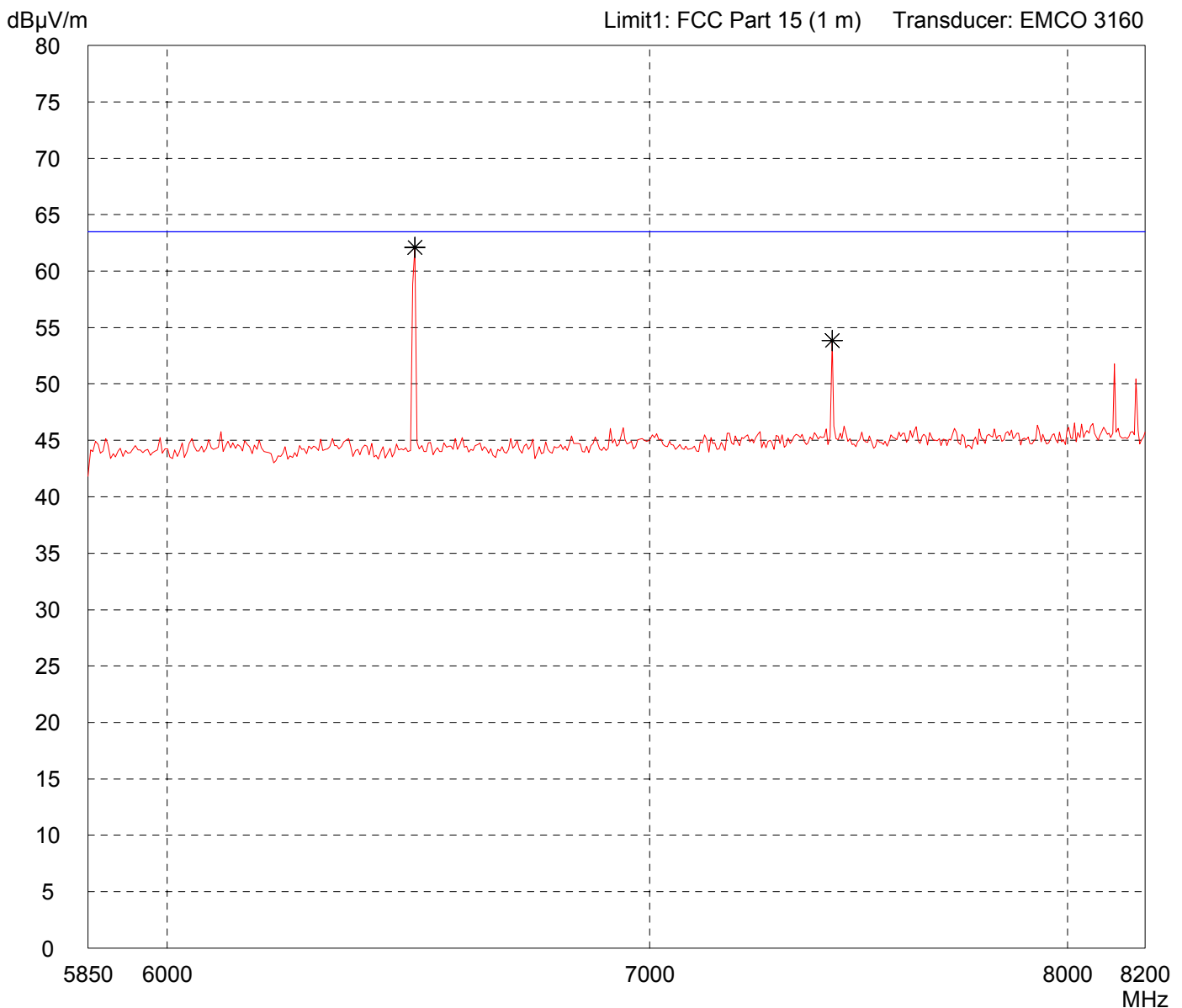


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 5.85 GHz - 8.2 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4490LR-200M	Comment: - TX at 927.50 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Vertical Polarization	
Date of test: 02/02/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

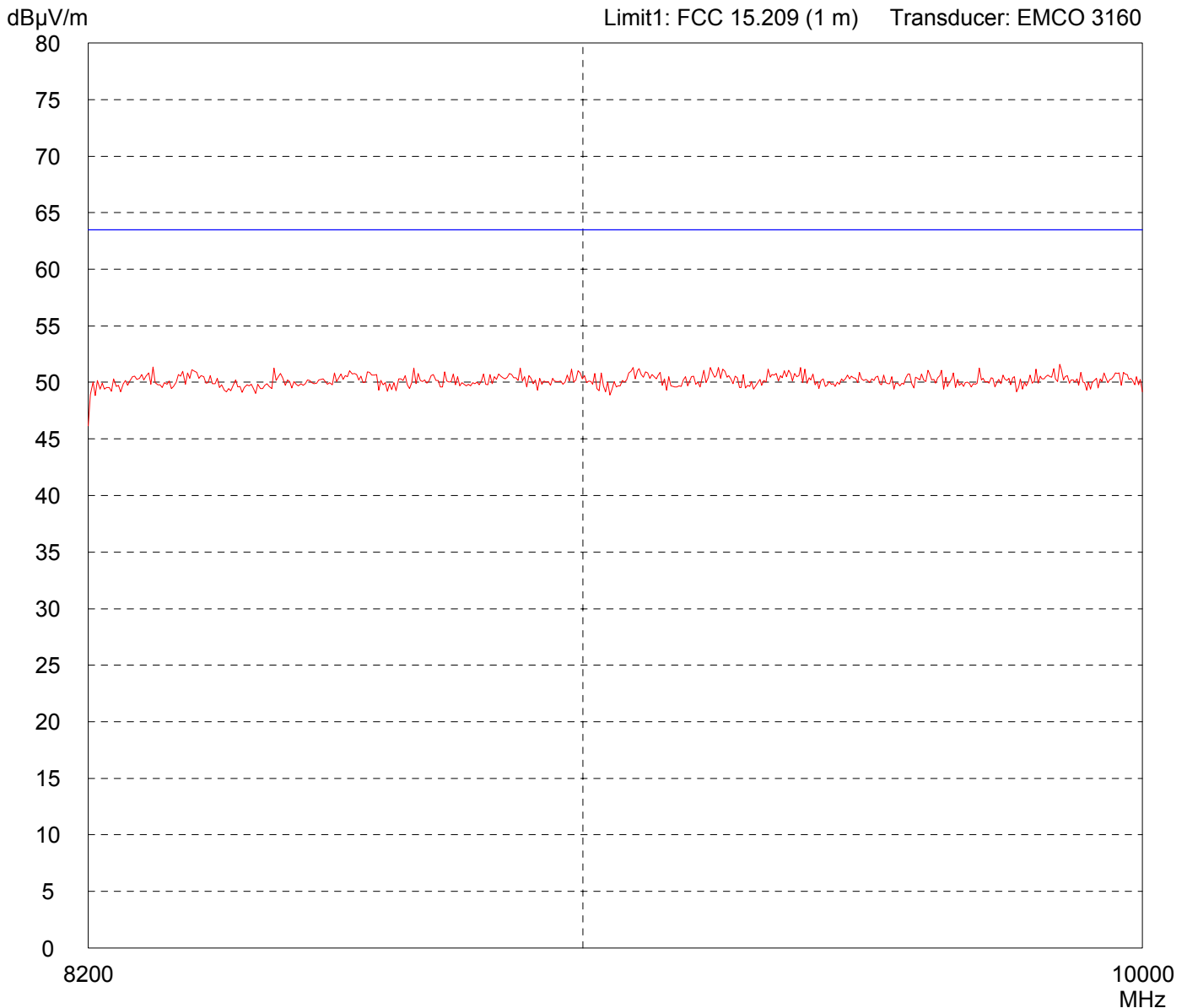
Detector: Peak	List of values: 10 dB Margin
	50 Subranges



Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 8.2 GHz - 10 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4490LR-200M	Comment: - TX Mode on High Channel - Antenna: ANT-DB1-RMS - Notch Filter on Fundamental frequency			
Serial no.:				
Applicant: AEROCOMM, Inc.				
Test site: Fully anechoic room, cabin no. 2				
Tested on: Test distance 1 meter Horizontal Polarization				
<table style="width: 100%;"> <tr> <td style="width: 50%;">Date of test: 07/13/2007</td> <td style="width: 50%;">Operator: J. Roidt</td> </tr> <tr> <td>Test performed: automatically</td> <td>File name: default.emi</td> </tr> </table>		Date of test: 07/13/2007	Operator: J. Roidt	Test performed: automatically
Date of test: 07/13/2007	Operator: J. Roidt			
Test performed: automatically	File name: default.emi			
Detector: Peak	List of values: <table style="width: 100%;"> <tr> <td style="width: 50%;">10 dB Margin</td> <td style="width: 50%;">50 Subranges</td> </tr> </table>	10 dB Margin	50 Subranges	
10 dB Margin	50 Subranges			

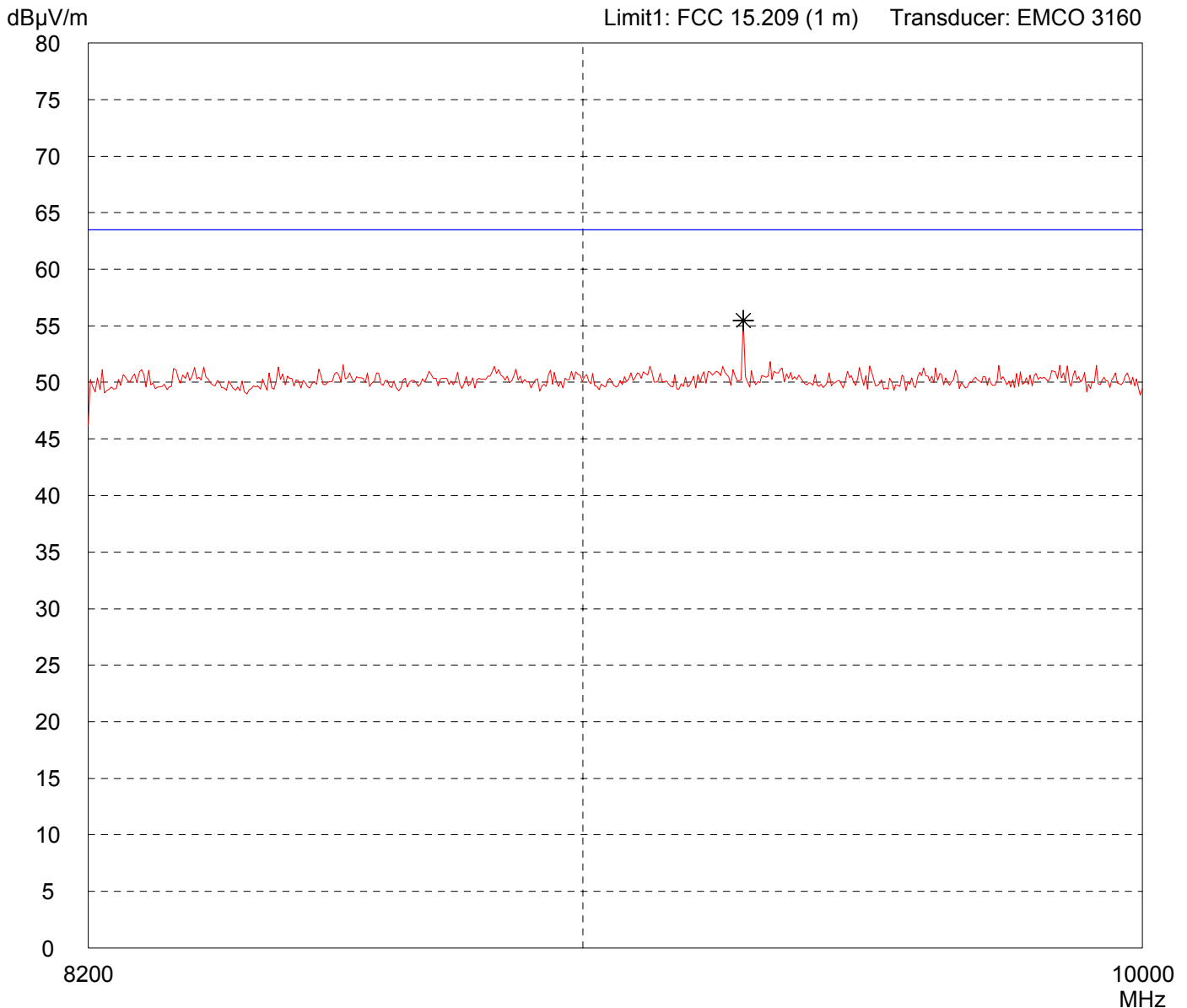


Result: Pass	Project file: 56109-61084-2
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Radiated Emission Test 8.2 GHz - 10 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4490LR-200M	Comment: - TX Mode on High Channel - Antenna: ANT-DB1-RMS - Notch Filter on Fundamental frequency
Serial no.:	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Vertical Polarization	
Date of test: 07/13/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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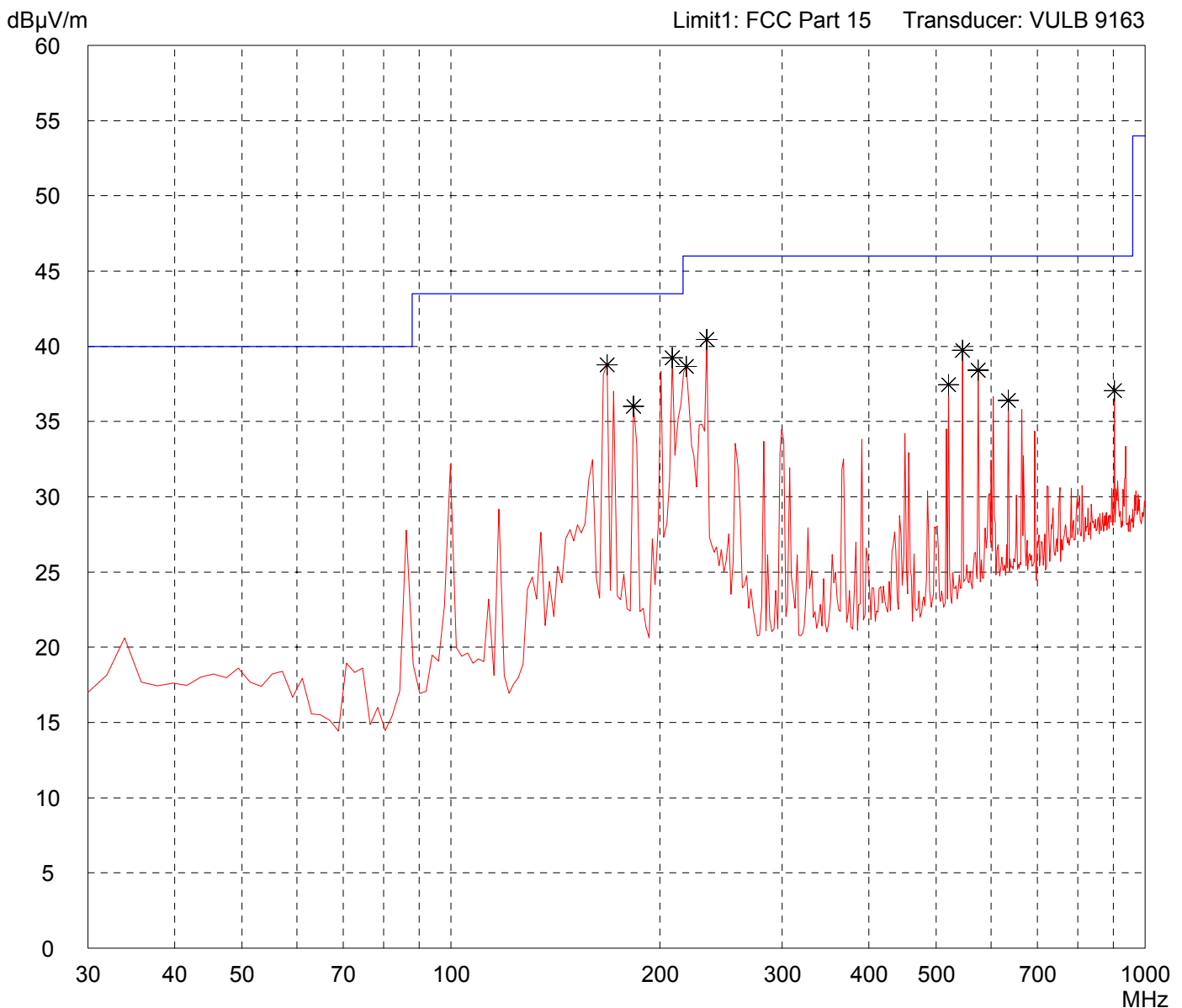


Result: Pass	Project file: 56109-61084-2
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4490LR-200M	Comment: - RX at 915.38 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Horizontal Polarization	
Date of test: 01/30/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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

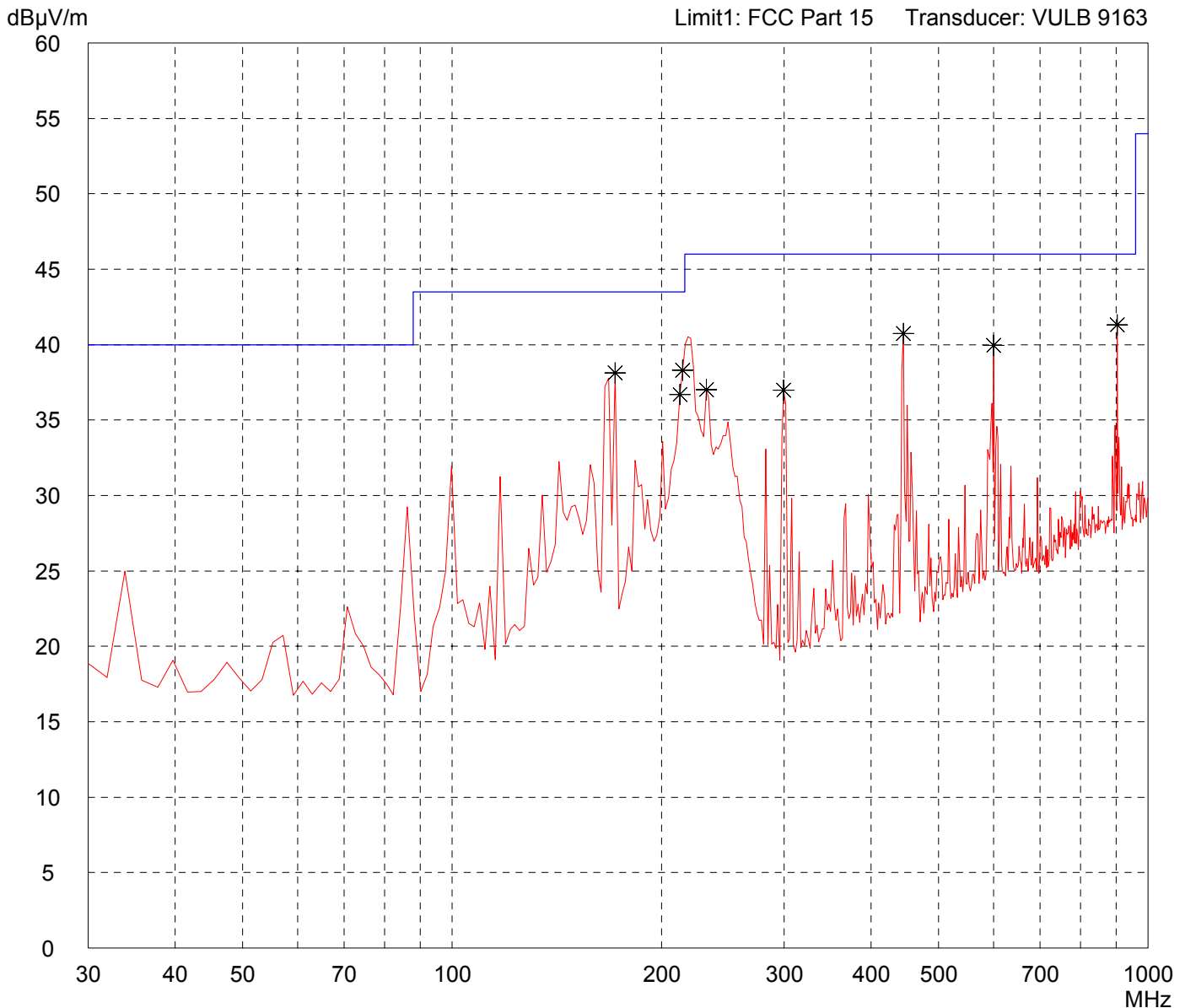


Result: Prescan	Project file: 56109-61084
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4490LR-200M	Comment: - RX at 915.38 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Vertical Polarization	
Date of test: 01/30/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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

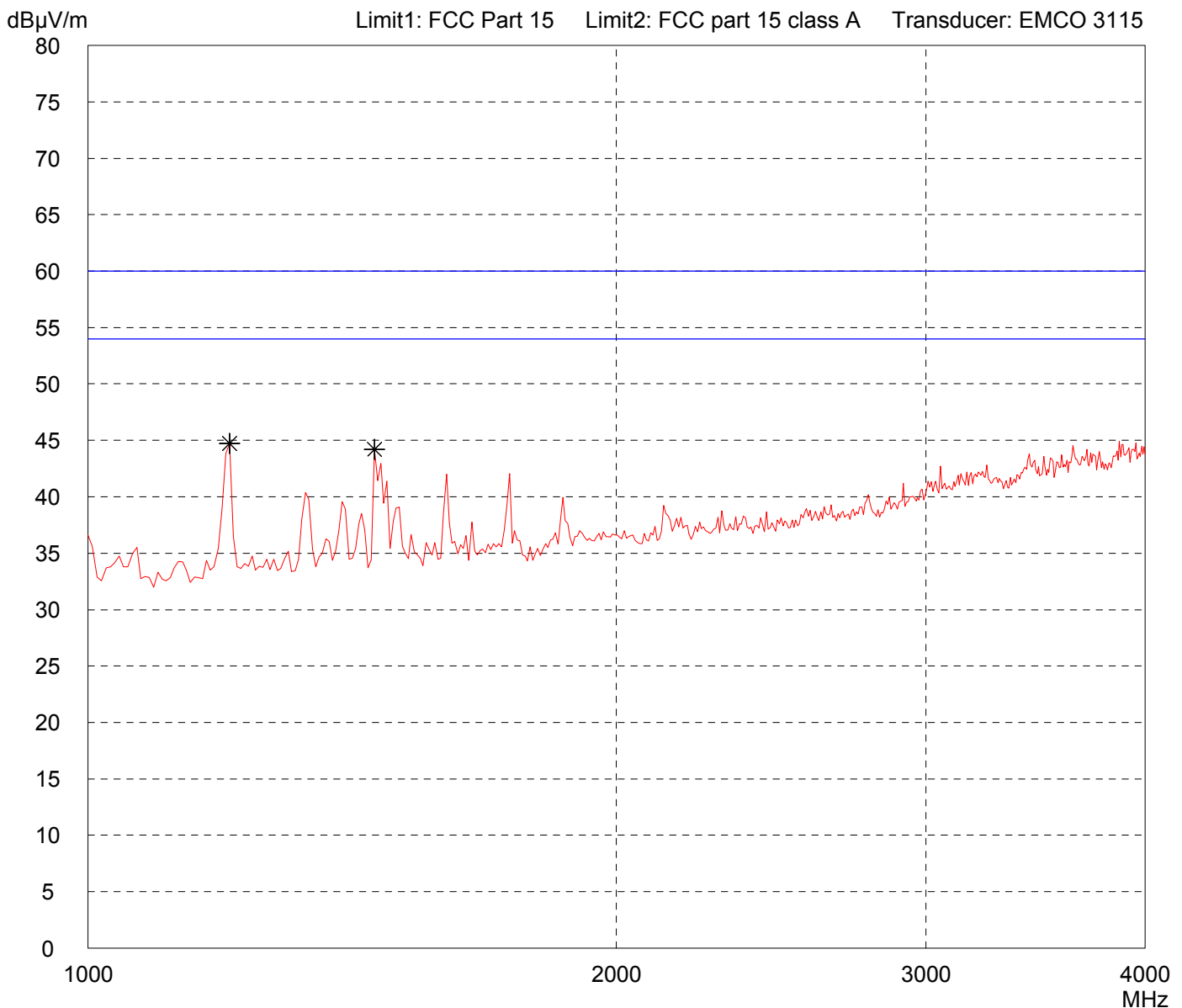


Result: Prescan	Project file: 56109-61084
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 (EMCO 3115)

Model: AC4490LR-200M	Comment: - RX at 915.38 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Horizontal Polarization	
Date of test: 02/01/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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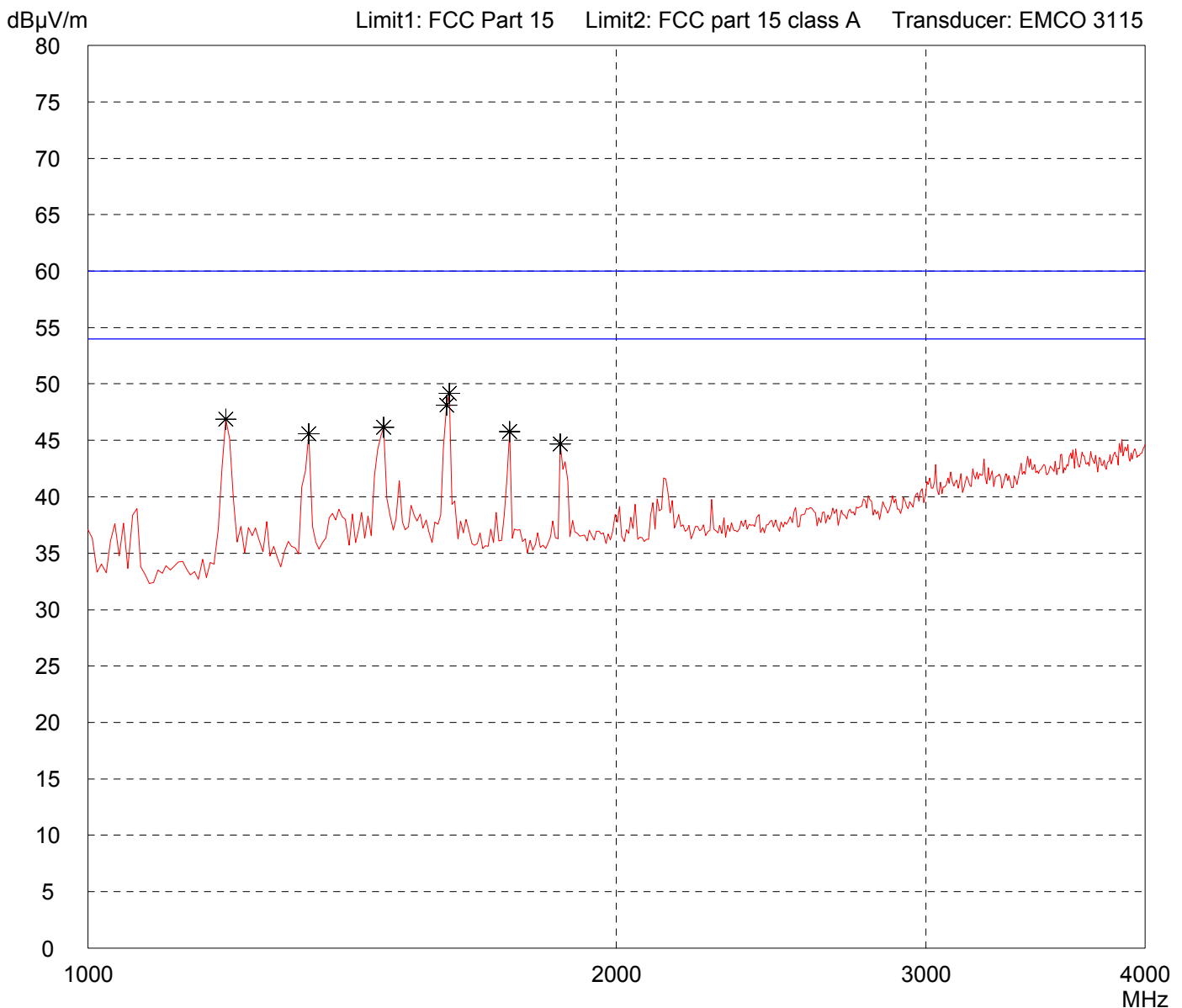


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 (EMCO 3115)

Model: AC4490LR-200M	Comment: - RX at 915.38 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 3 metres Vertical Polarization	
Date of test: 02/01/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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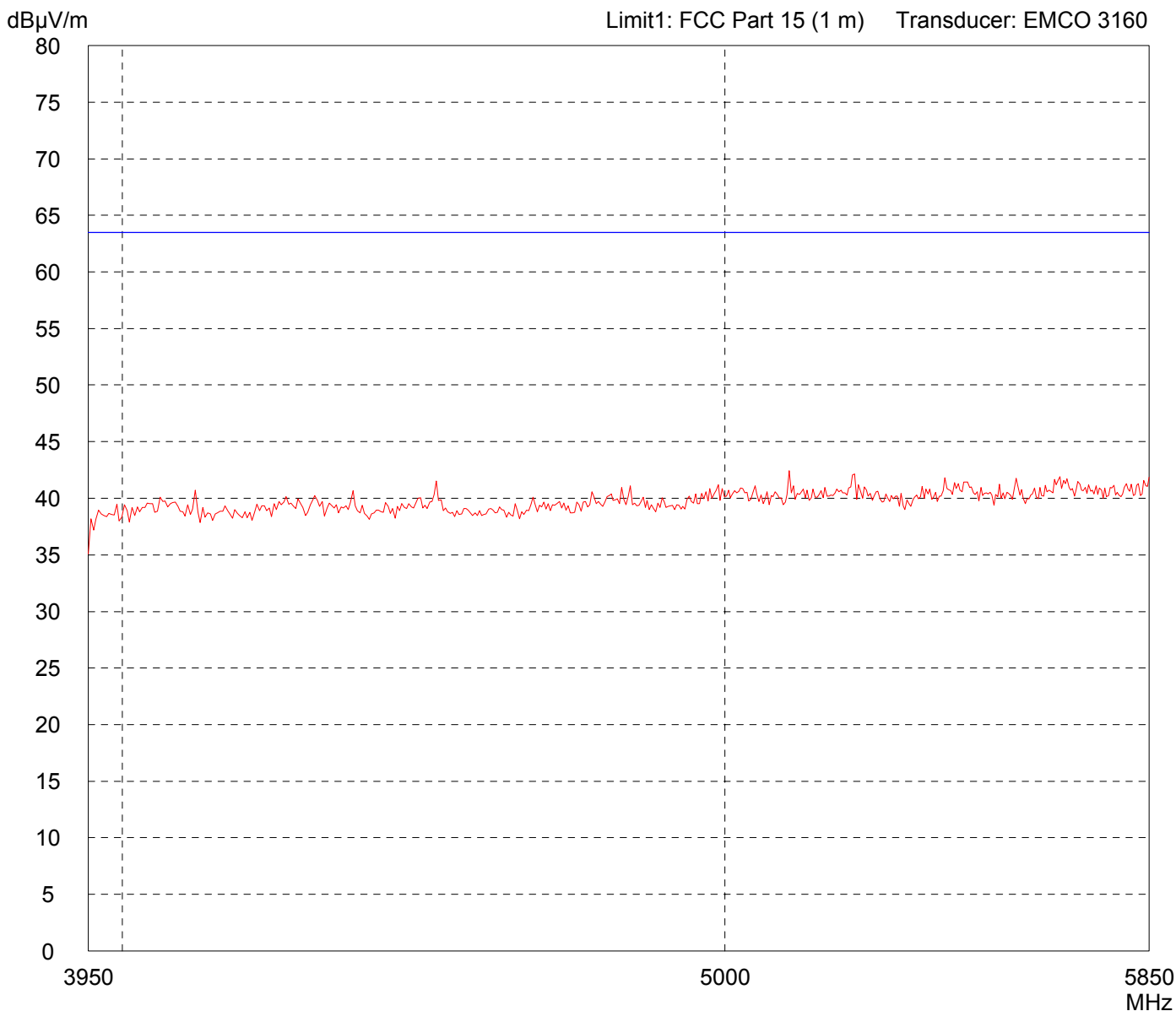


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 3.95 GHz - 5.85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4490LR-200M	Comment: - RX at 915.38 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Horizontal Polarization	
Date of test: 02/02/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

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

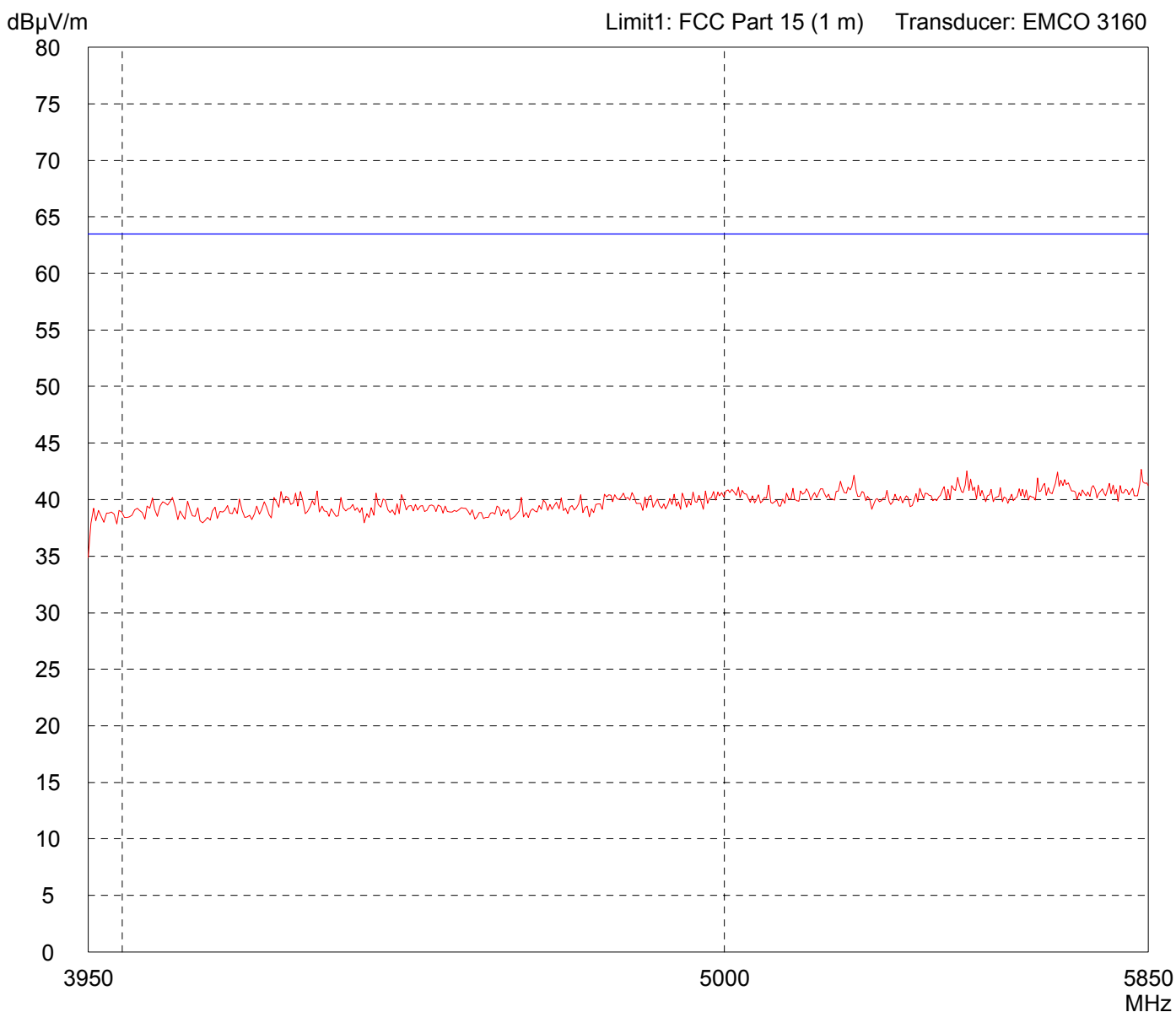


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 3.95 GHz - 5.85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4490LR-200M	Comment: - RX at 915.38 MHz - Antenna: ANT-DB1-RMS
Serial no.: Test Sample #1	
Applicant: AEROCOMM, Inc.	
Test site: Fully anechoic room, cabin no. 2	
Tested on: Test distance 1 meter Vertical Polarization	
Date of test: 02/02/2007	Operator: A. Stübinger
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: 10 dB Margin 50 Subranges
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Result: Limit kept	Project file: 56109-61084
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