

Straubing, 28 June 2007

APPENDIX A
to TEST-REPORT

No. 56109-061084-1 (Edition 2)

for

KQL-AC4X90-200 (RF Transceiver Module)

1. AC4490-200M
2. AC4490-200M-485
3. AC4490LR-200M
Fully tested, see 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 S161AH-915R

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:	03 January 2007

Frequency (MHz)	Antenna Polarisation	Meter Reading (dBµV)	Antenna Correction (dB)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
902.20	Vertical	90.13	24.19	114.32	Fundamenta 	---
915.37	Vertical	89.20	24.30	113.50	Fundamenta 	---
927.50	Vertical	88.93	24.41	113.34	Fundamenta 	---
Band Edge Compliance						
902.0	Vertical	4.11	24.19	28.30	94.32	N.R.B.
928.0	Vertical	4.91	24.41	29.32	93.34	N.R.B.
Low Channel						
677.96	Vertical	39.38	21.39	50.77	94.32	N.R.B.
734.22	Vertical	25.60	22.01	47.61	94.32	N.R.B.
790.48	Vertical	37.82	22.79	60.61	94.32	N.R.B.
846.74	Vertical	30.16	23.52	53.68	94.32	N.R.B.
873.90	Vertical	17.72	23.86	41.58	46.00	4.42
1012.0	Vertical	21.32	27.74	46.51	54.00	7.49
1066.0	Vertical	24.25	25.96	50.21	54.00	3.79
1126.0	Vertical	23.55	26.50	50.05	54.00	3.95

Frequency (MHz)	Antenna Polarisation	Meter Reading (dBµV)	Antenna Correction (dB)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
1804.0	Vertical	17.01	31.65	48.66	54.00	5.34
2710.0	Vertical	11.76	37.30	49.06	54.00	4.94
4510.6	Horizontal	3.86	33.99	37.85	54.00	16.15
5413.4	Horizontal	6.41	34.85	41.26	54.00	12.74
6315.3	Horizontal	13.97	38.19	52.15	54.00	1.85
7217.7	Horizontal	6.22	38.95	45.18	54.00	8.82
8124.8	Horizontal	12.98	39.70	52.68	54.00	1.32
9024.4	Vertical	3.03	43.72	46.75	54.00	7.25
Middle Channel						
687.66	Vertical	27.18	21.44	48.62	93.50	N.R.B.
743.92	Vertical	26.36	22.15	48.51	93.50	N.R.B.
802.12	Vertical	35.96	22.95	58.91	93.50	N.R.B.
860.32	Vertical	24.69	23.69	48.38	93.50	N.R.B.
916.58	Vertical	29.71	24.32	54.02	93.50	N.R.B.
1030.0	Vertical	18.59	25.45	44.03	54.00	9.97
1084.0	Vertical	26.20	26.20	52.40	54.00	1.60
1144.0	Vertical	24.18	26.55	50.73	54.00	3.27
1828.0	Vertical	15.87	31.31	47.18	54.00	6.82
4577.2	Horizontal	14.67	34.05	48.72	54.00	5.28
5494.8	Horizontal	1.53	34.93	36.46	54.00	17.54
6409.3	Horizontal	10.28	38.27	48.55	54.00	5.45
7325.8	Horizontal	8.47	39.07	47.53	54.00	6.47
8239.6	Horizontal	8.88	43.17	52.05	54.00	1.95
9154.0	Vertical	3.25	43.81	47.07	54.00	6.93
High Channel						
697.36	Vertical	31.43	21.49	52.91	93.34	N.R.B.
755.56	Vertical	31.75	22.31	54.06	93.34	N.R.B.
811.82	Vertical	39.94	23.08	63.02	93.34	N.R.B.
870.02	Vertical	27.84	23.81	51.65	93.34	N.R.B.
1042.0	Vertical	19.94	25.62	45.56	54.00	8.44
1096.0	Vertical	25.49	26.37	51.85	54.00	2.15
1156.0	vertical	26.01	26.59	52.59	54.00	1.41
1852.0	vertical	14.91	30.98	45.88	54.00	8.12
4636.4	horizontal	8.88	34.11	42.99	54.00	11.01

Frequency (MHz)	Antenna Polarisation	Meter Reading (dBµV)	Antenna Correction (dB)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5565.1	vertical	2.94	35.00	37.94	54.00	16.06
6493.9	horizontal	11.51	38.34	49.86	54.00	4.14
7419.8	horizontal	7.05	39.17	46.22	54.00	7.78
8347.6	horizontal	10.19	43.25	53.44	54.00	0.56
9276.4	vertical	3.93	43.90	47.83	54.00	6.17

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:

20.78 dBm = 119.6 mW

Prediction distance:

20 cm

Antenna gain: (Nearson S161AH-915R)

2.5 dBi = 1.77 (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)
30.000	Peak	vertical	16.54	13.63	30.17	40.00	9.8
1330.000	Peak	horizontal	13.29	29.02	42.31	54.00	11.7
1336.000	Peak	vertical	15.47	29.04	44.51	54.00	9.5
1468.000	Peak	vertical	18.65	29.49	48.14	54.00	5.9
1594.000	Peak	vertical	17.74	30.15	47.89	54.00	6.1
2140.000	Peak	vertical	14.01	32.66	46.67	54.0	7.3

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

Sample calculation of erp values:

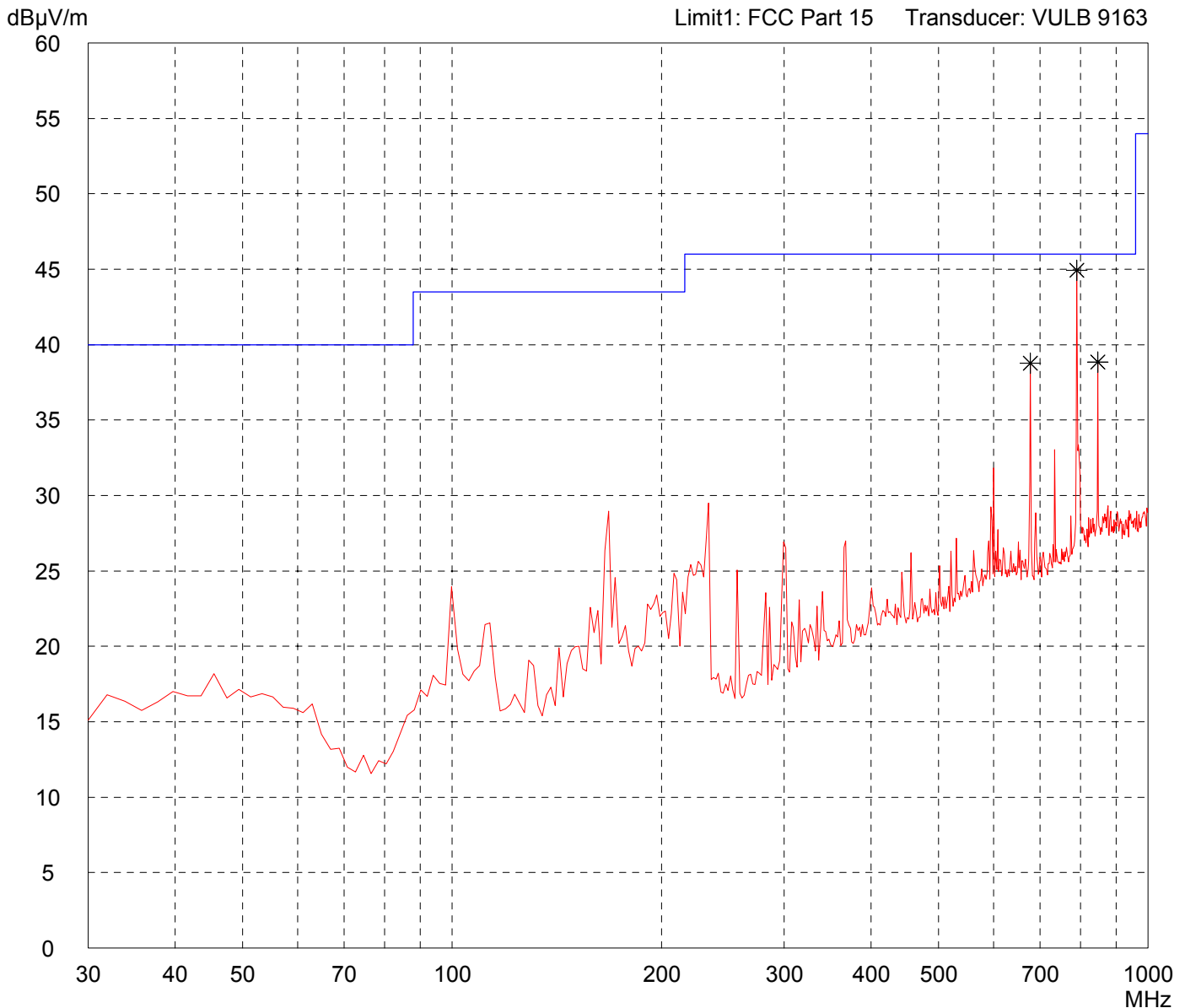
$$\text{Field Strength (dB}\mu\text{V/m)} = \text{Analyzer Reading (dB}\mu\text{V)} + \text{Correction Factor (dB/m)}$$

Charts taken during testing

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

Model: AC4790-200M-485	Comment: - TX at 902.20 MHz - Antenna: Nearson S161AH-915R
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: 01/05/2007	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: Prescan	Project file: 56109-61084-1
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model:
AC4790-200M-485

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: 01/05/2007
Operator: J. Roidt

Test performed: automatically
File name: default.emi

Comment:

- TX at 902.20 MHz

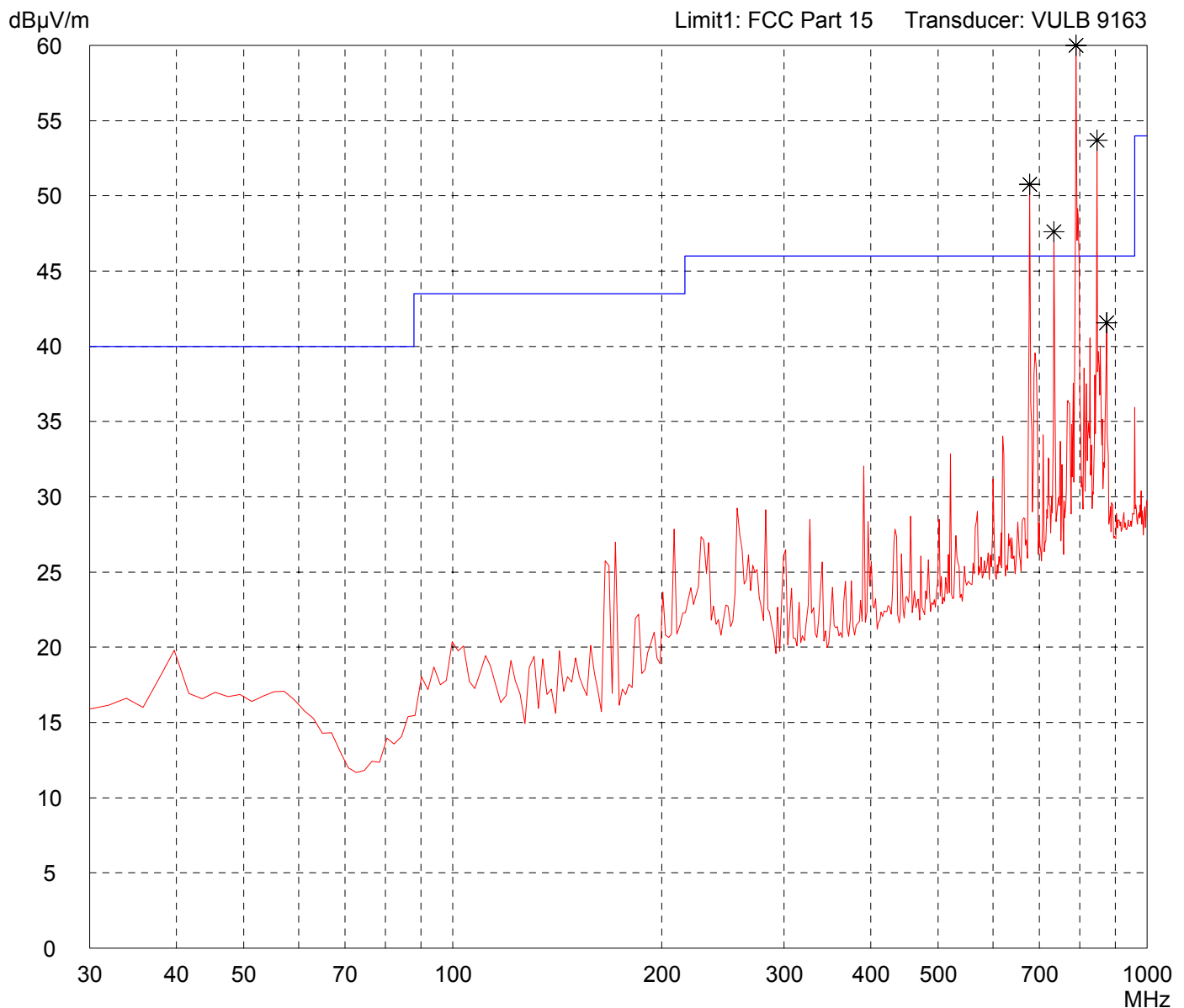
- Antenna: Nearson S161AH-915R

Detector:
Peak

List of values:

10 dB Margin

50 Subranges



Result:
Prescan

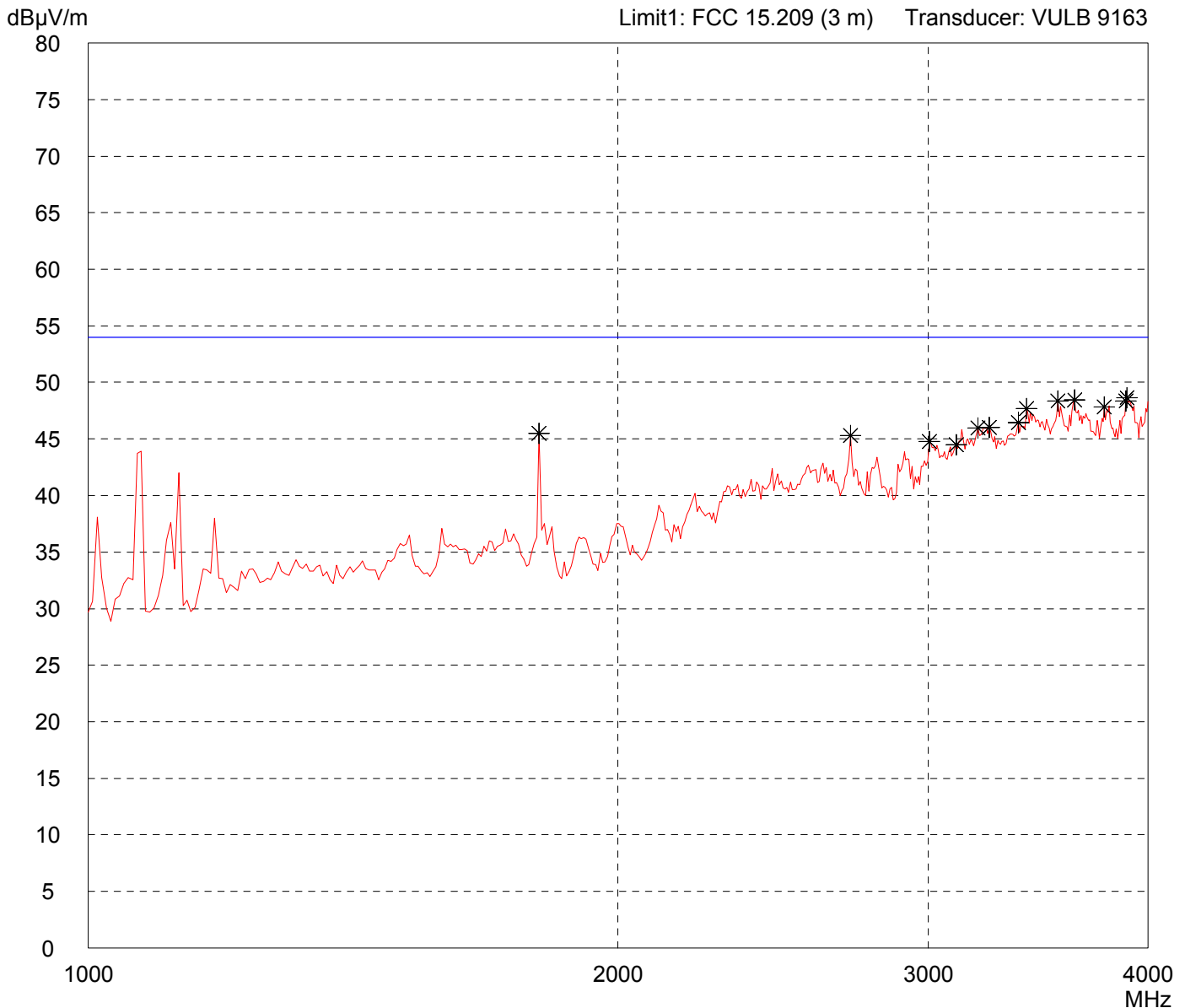
Project file:
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4790-200M-485	Comment: - TX Mode on Low Channel - Antenna: S161AH-915 - 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: 10 dB Margin
	50 Subranges

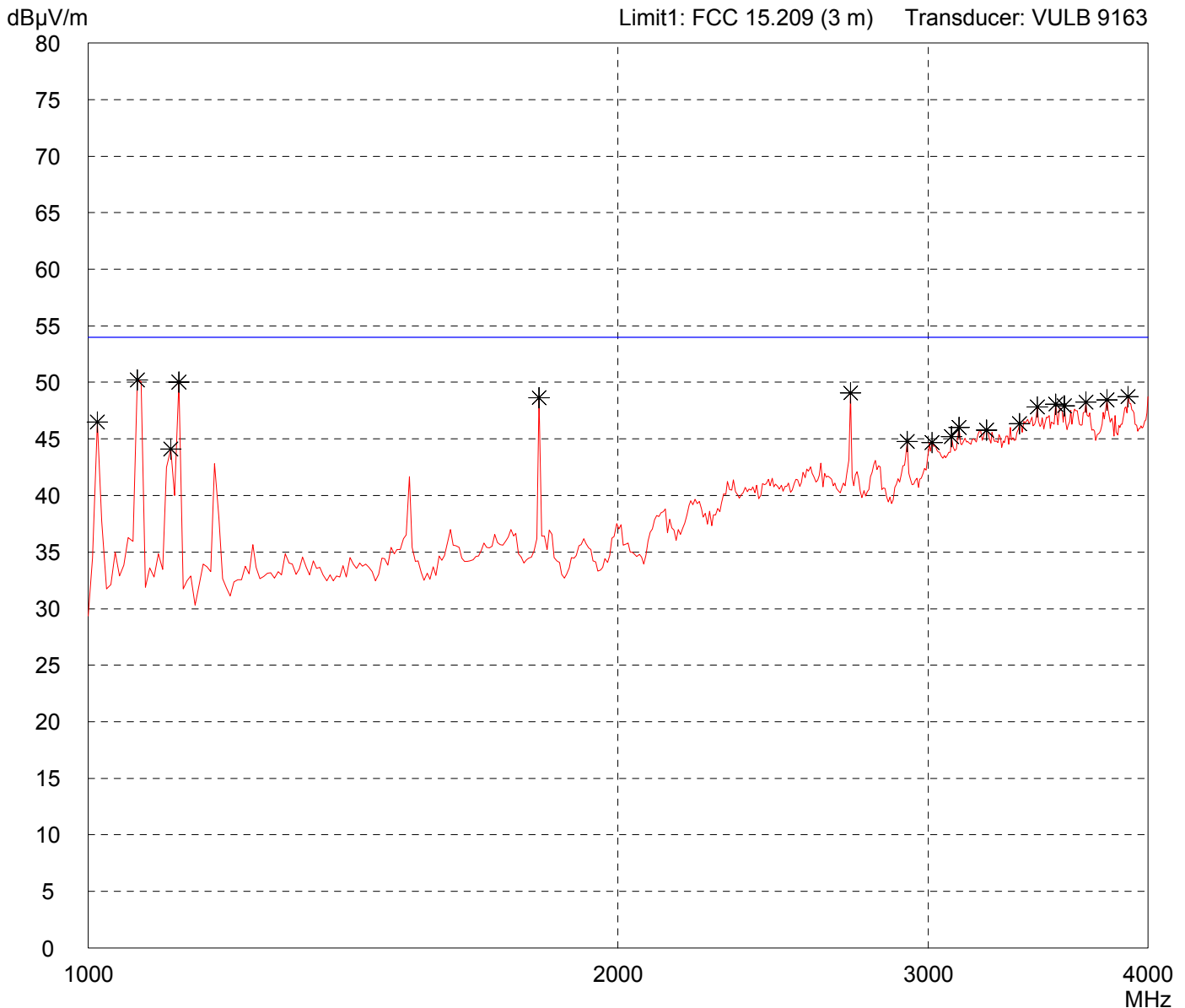


Result: Pass	Project file: 56109-61084-1
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4790-200M-485	Comment: - TX Mode on Low Channel - Antenna: S161AH-915 - 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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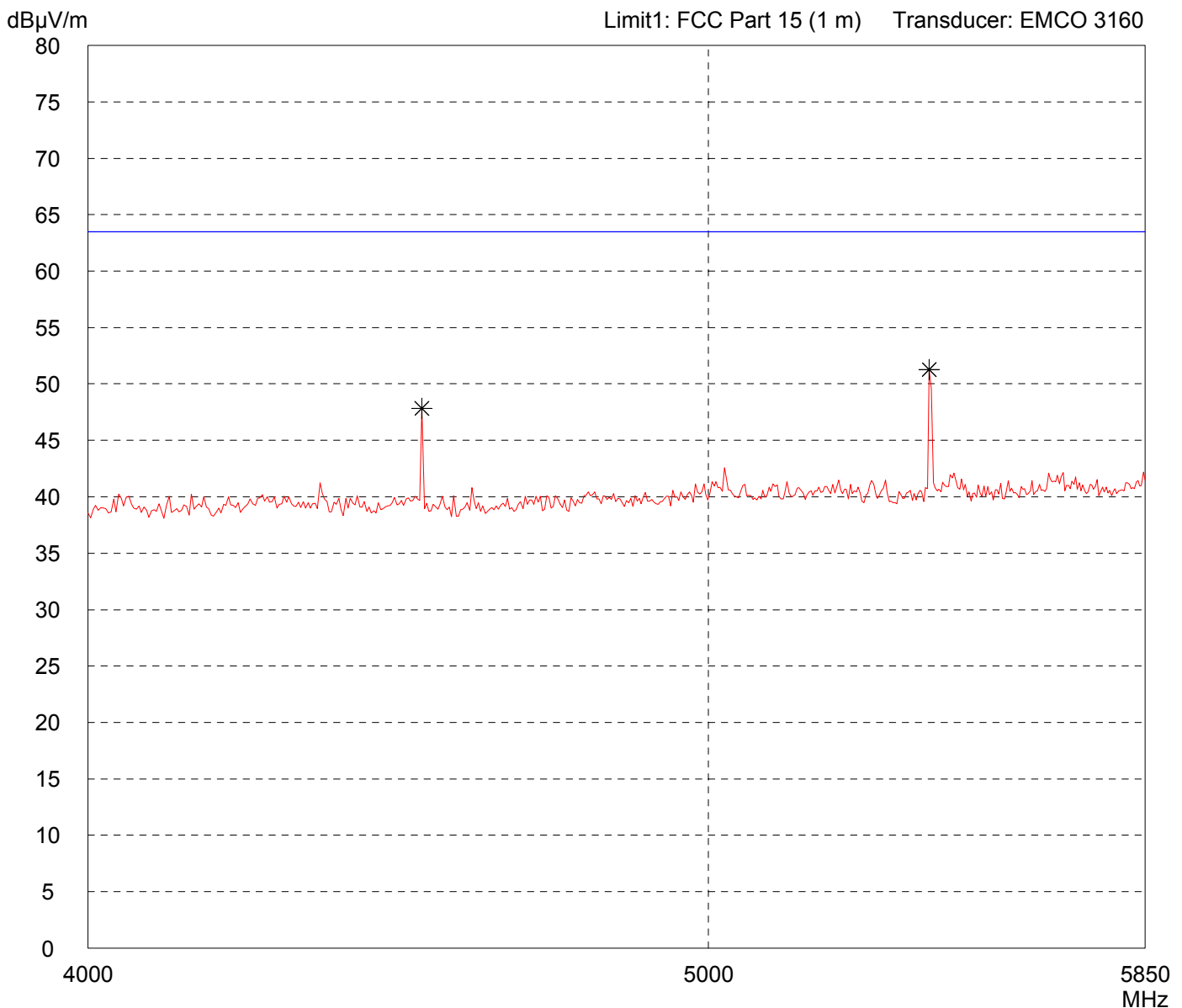


Result: Pass	Project file: 56109-61084-1 Page of Pages
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Radiated Emission Test 4 GHz - 5,85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 902.20 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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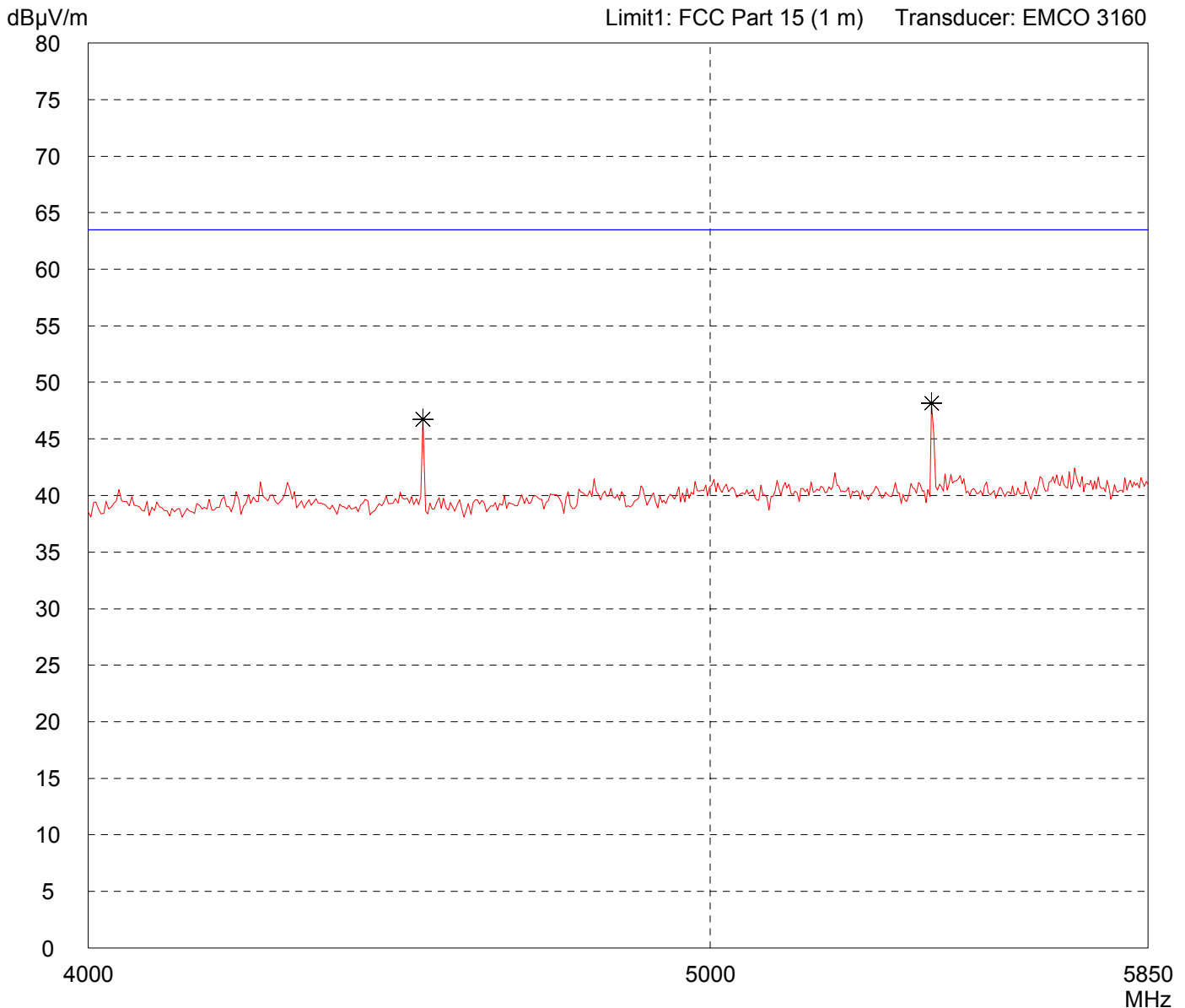


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 4 GHz - 5,85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 902.20 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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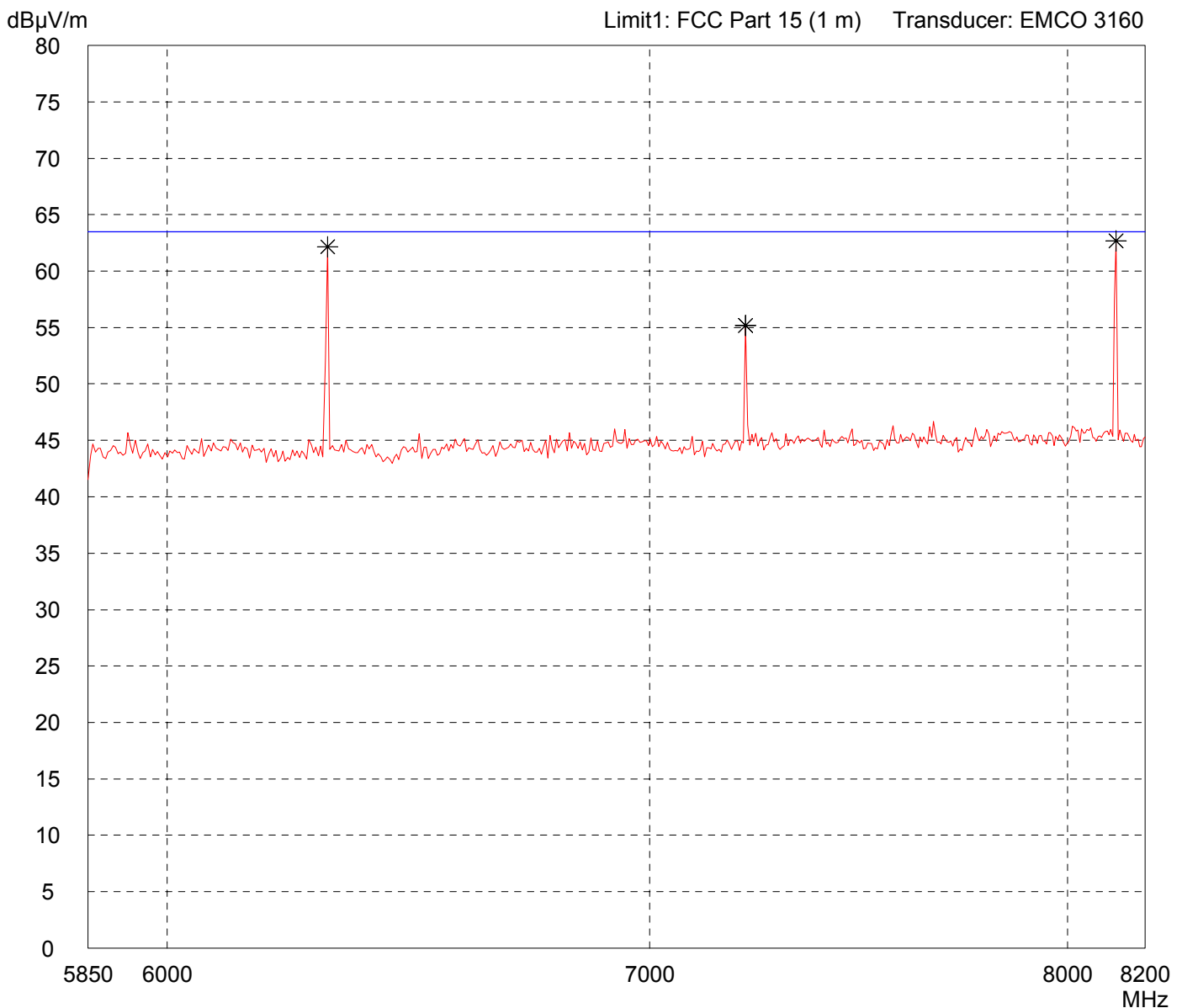


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 5,85 GHz - 8,2 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 902.20 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

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

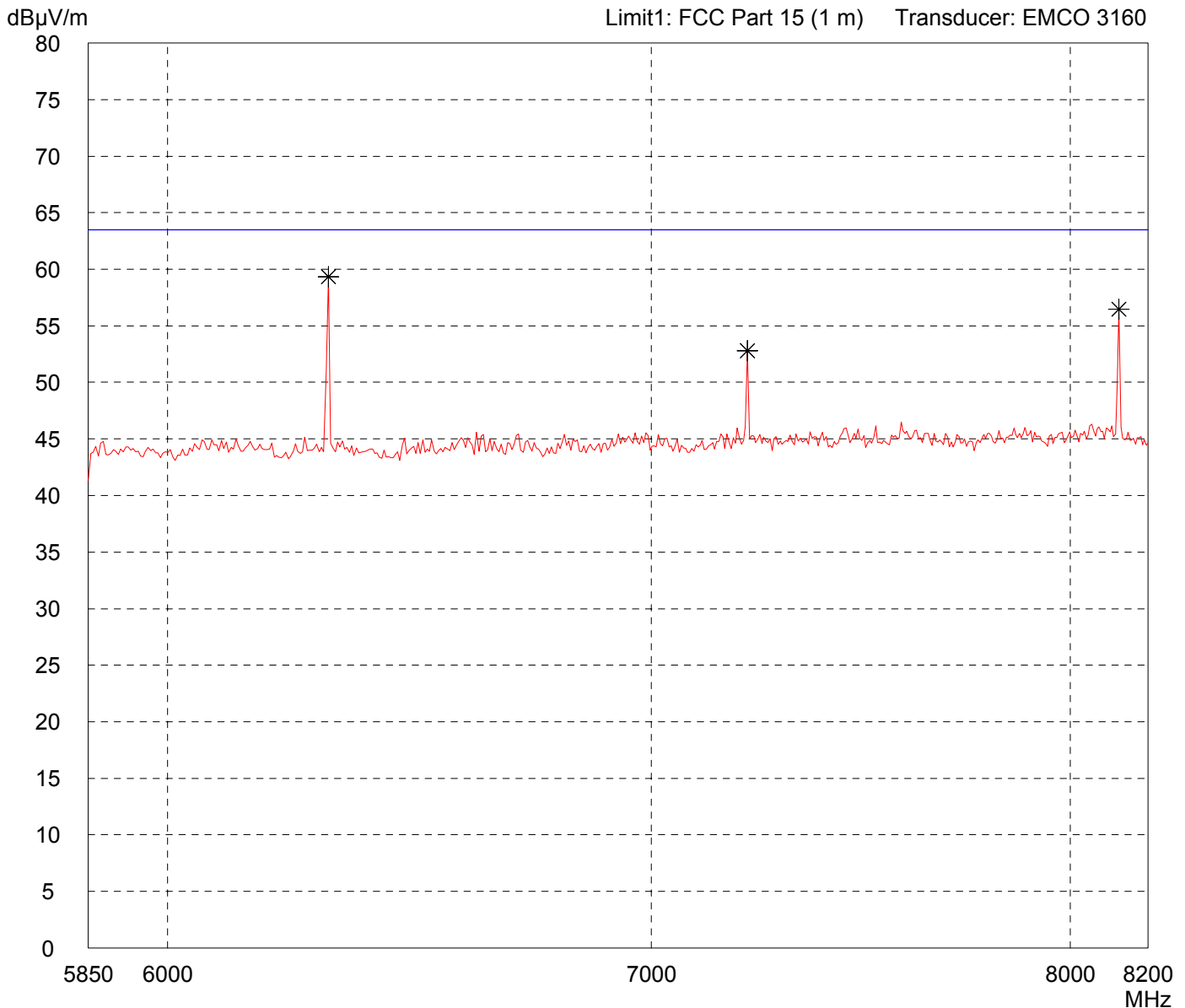


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 5,85 GHz - 8,2 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 902.20 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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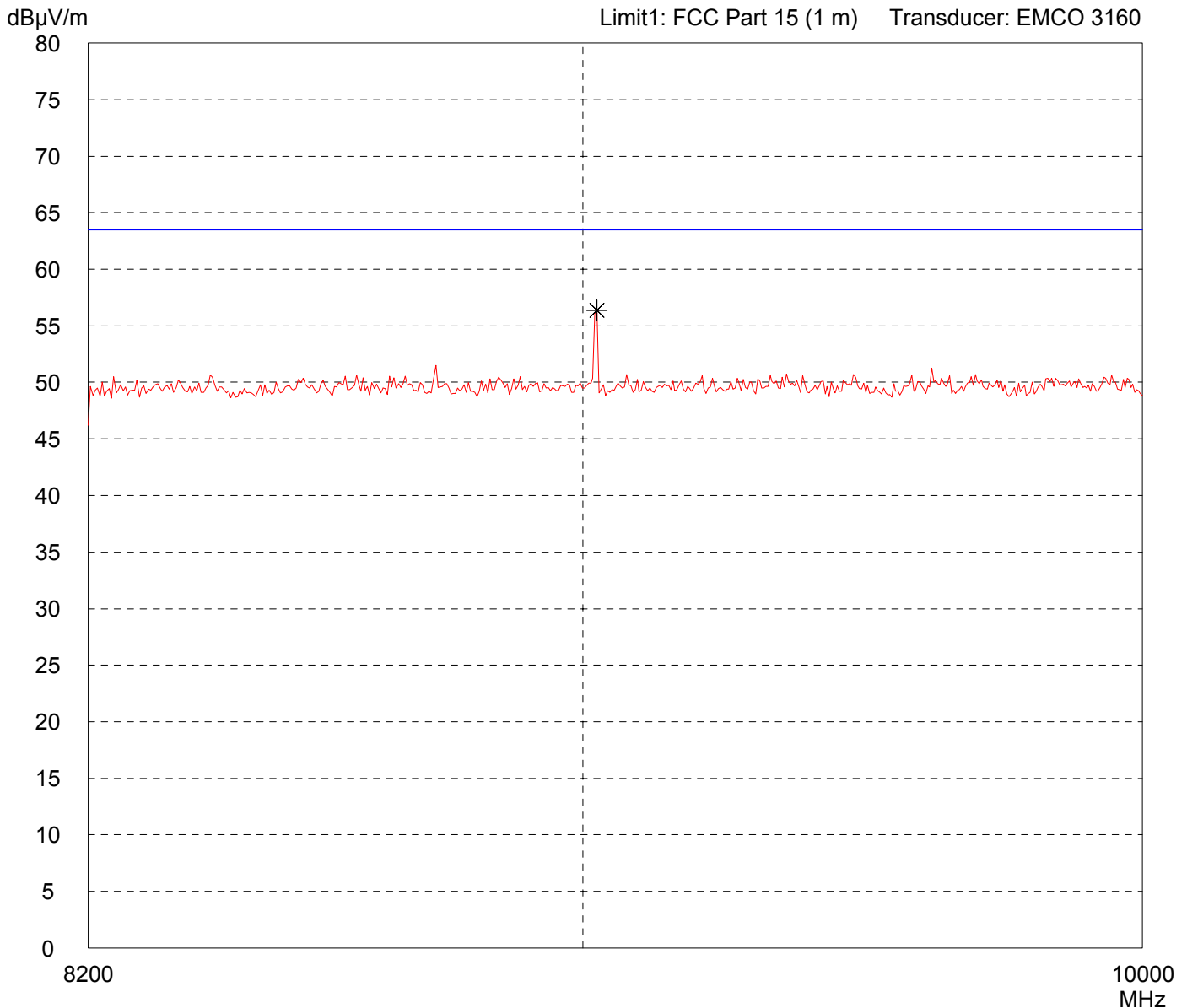


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 8,2 GHz - 10 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 902.20 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

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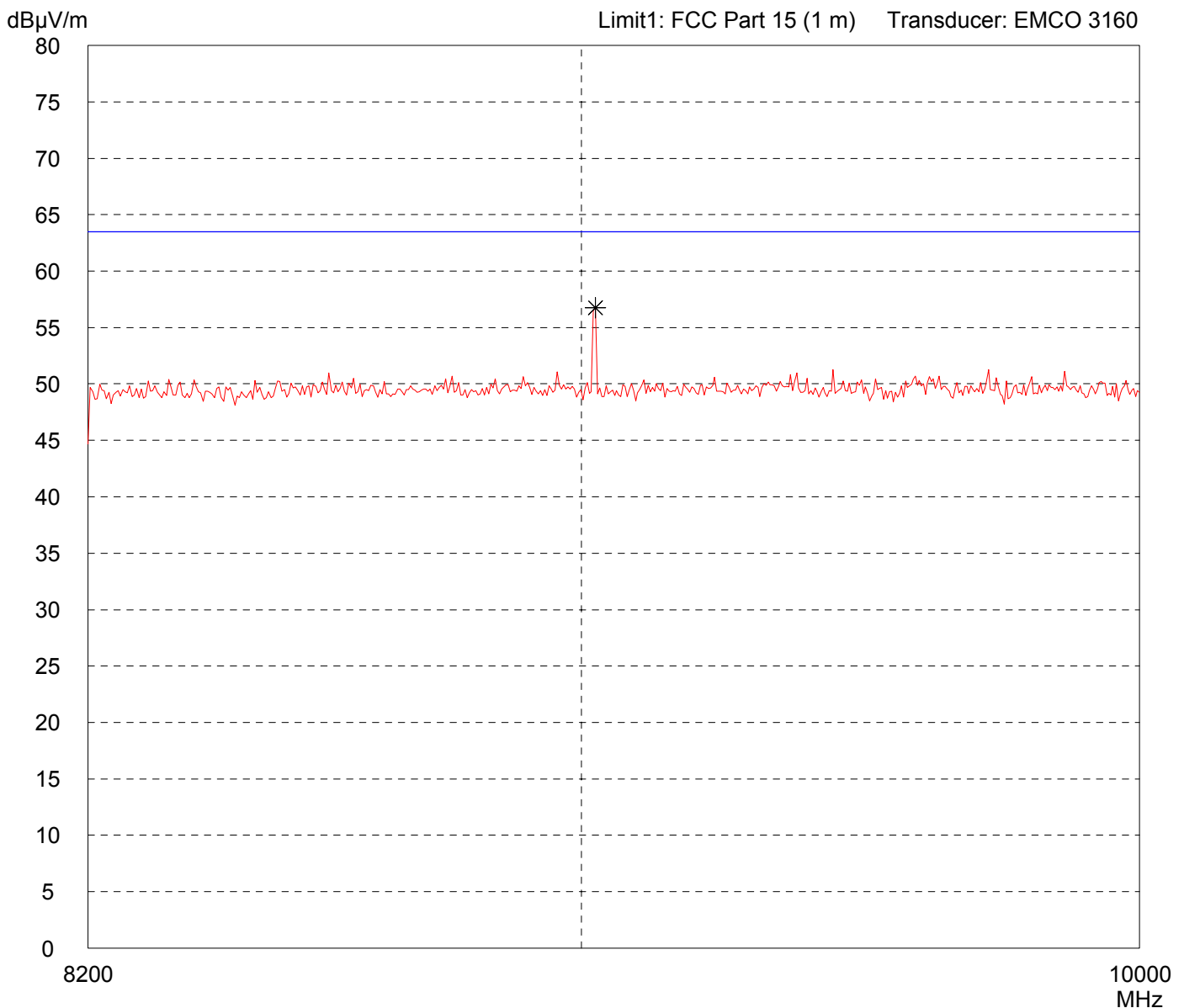


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 8,2 GHz - 10 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 902.20 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

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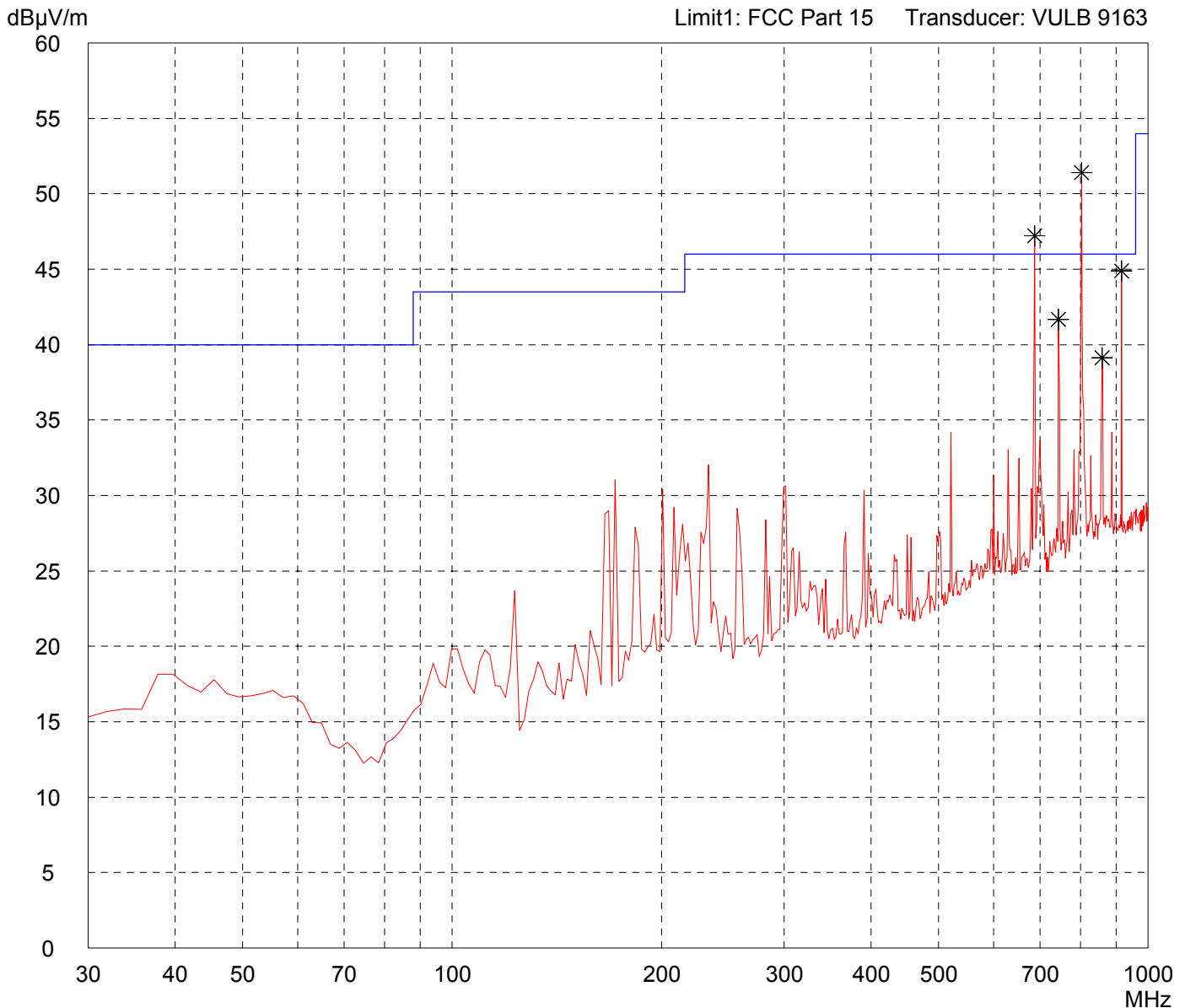


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4790-200M-485	Comment: - TX at 915.37 MHz - Antenna: Nearson S161AH-915R - 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: 01/03/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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

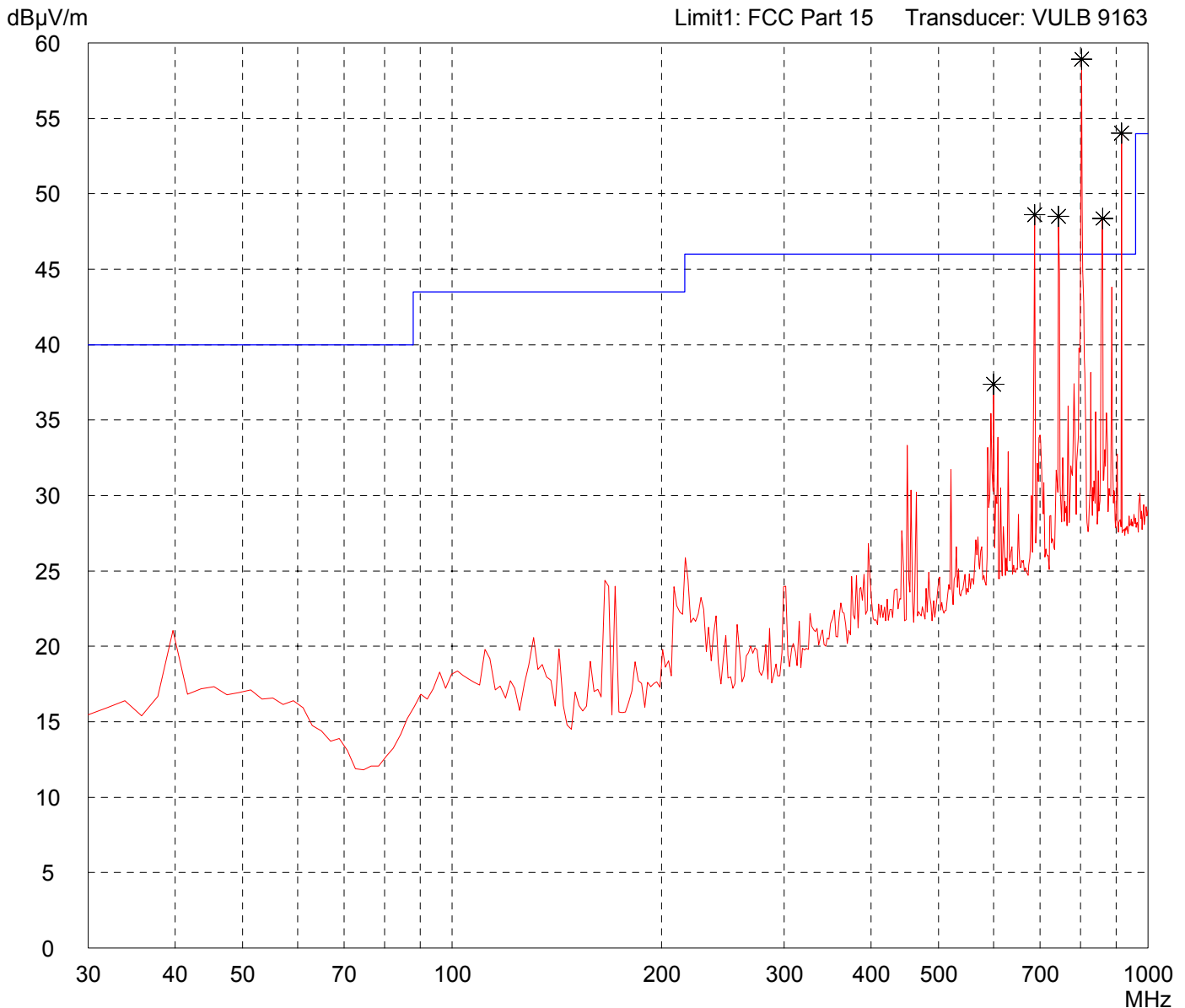


Result: Prescan	Project file: 56109-61084-1
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4790-200M-485	Comment: - TX at 915.37 MHz - Antenna: Nearson S161AH-915R - 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: 01/03/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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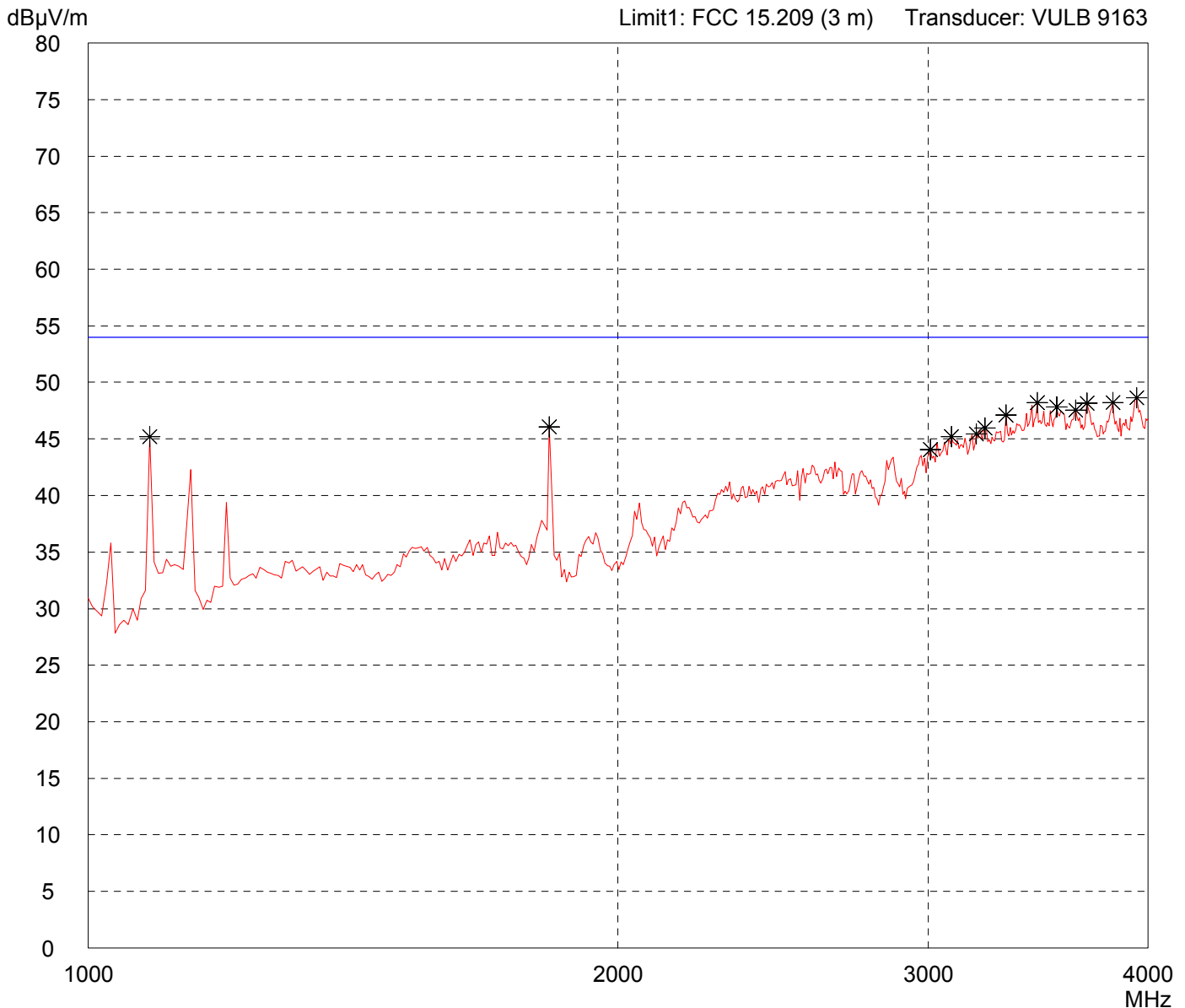


Result: Prescan	Project file: 56109-61084-1
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4790-200M-485	Comment: - TX Mode on Middle Channel - Antenna: S161AH-915 - 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: 10 dB Margin 50 Subranges
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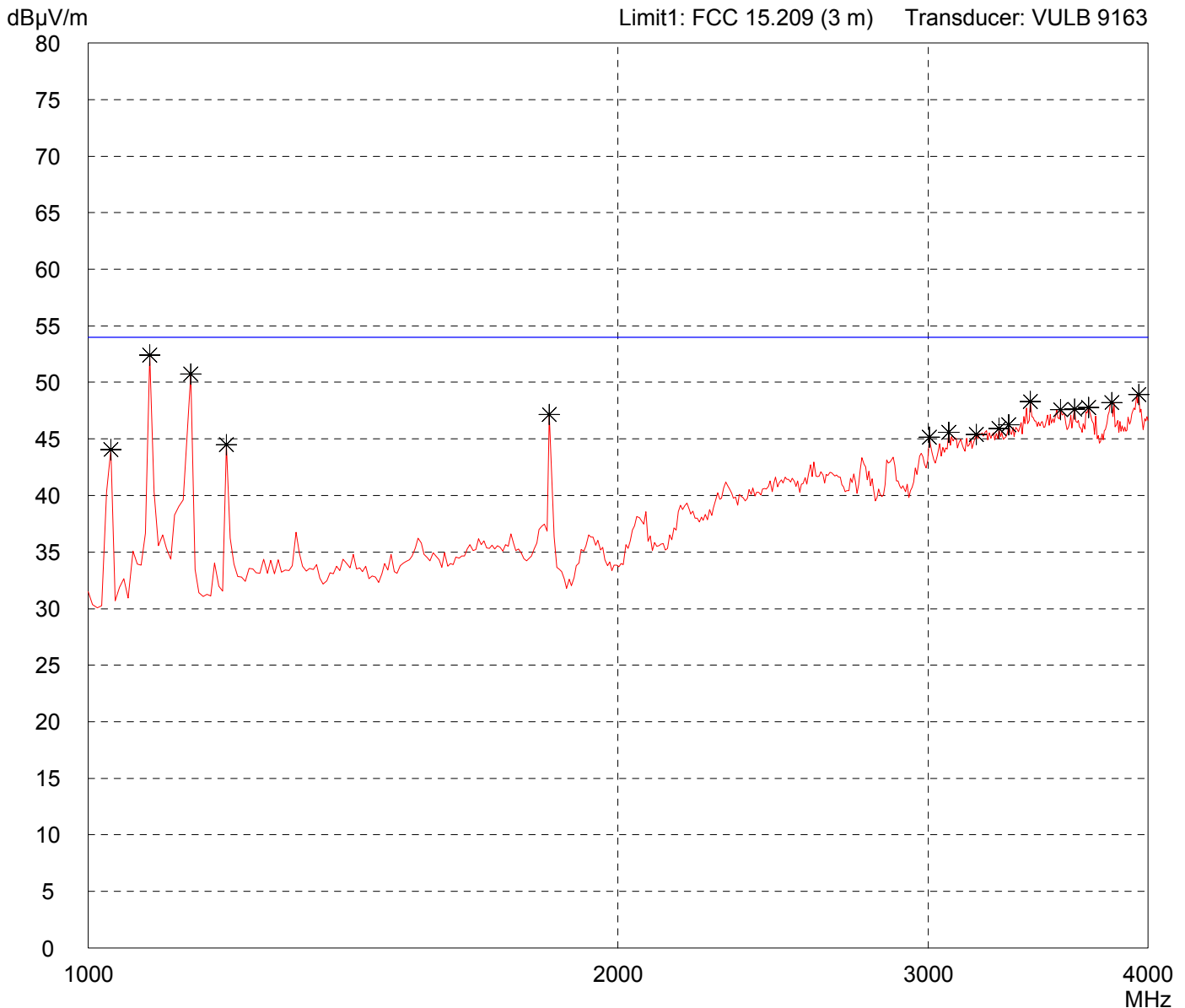


Result: Pass	Project file: 56109-61084-1 Page of Pages
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4790-200M-485	Comment: - TX Mode on Middle Channel - Antenna: S161AH-915 - 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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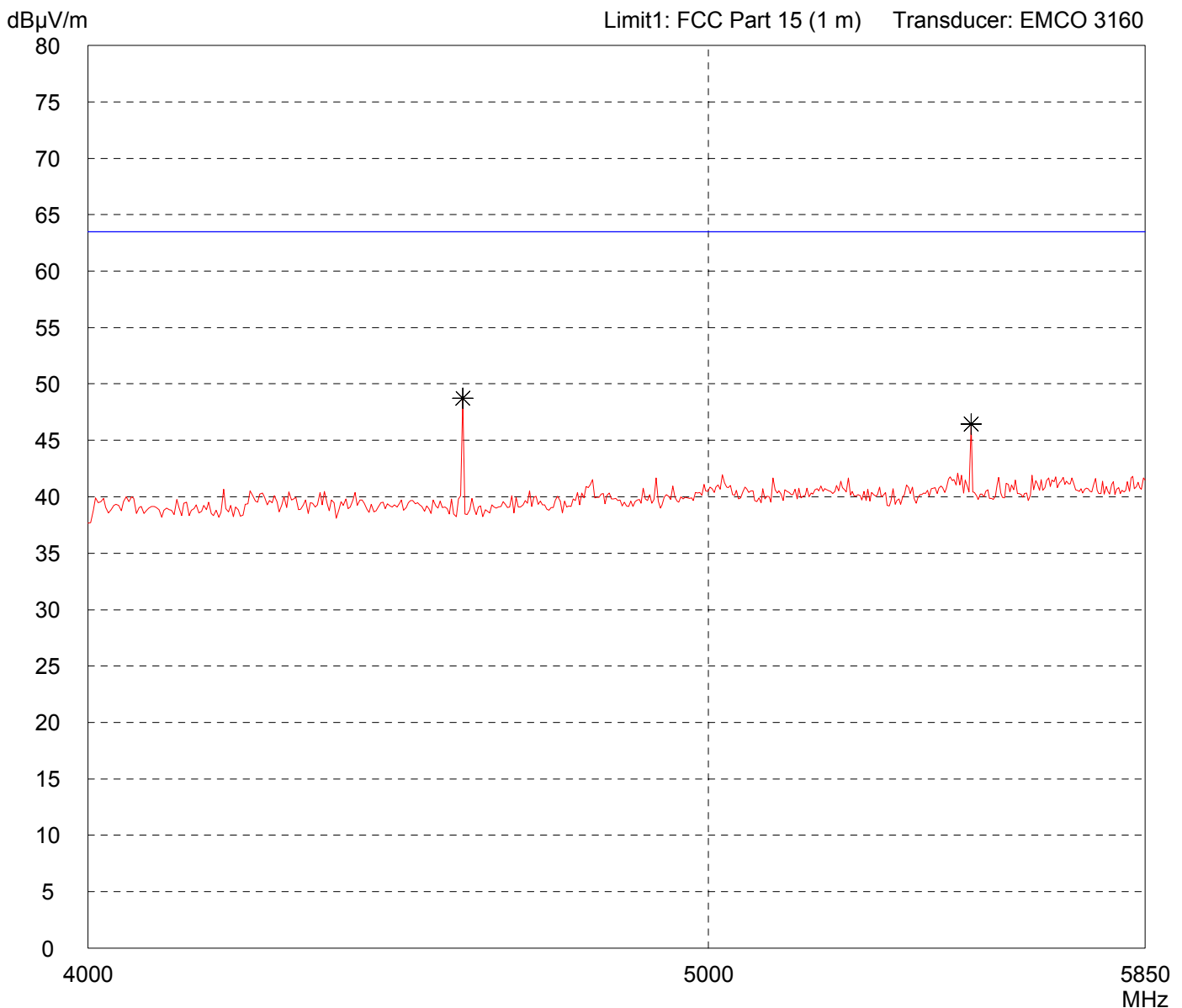


Result: Pass	Project file: 56109-61084-1 Page of Pages
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Radiated Emission Test 4 GHz - 5,85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 915.38 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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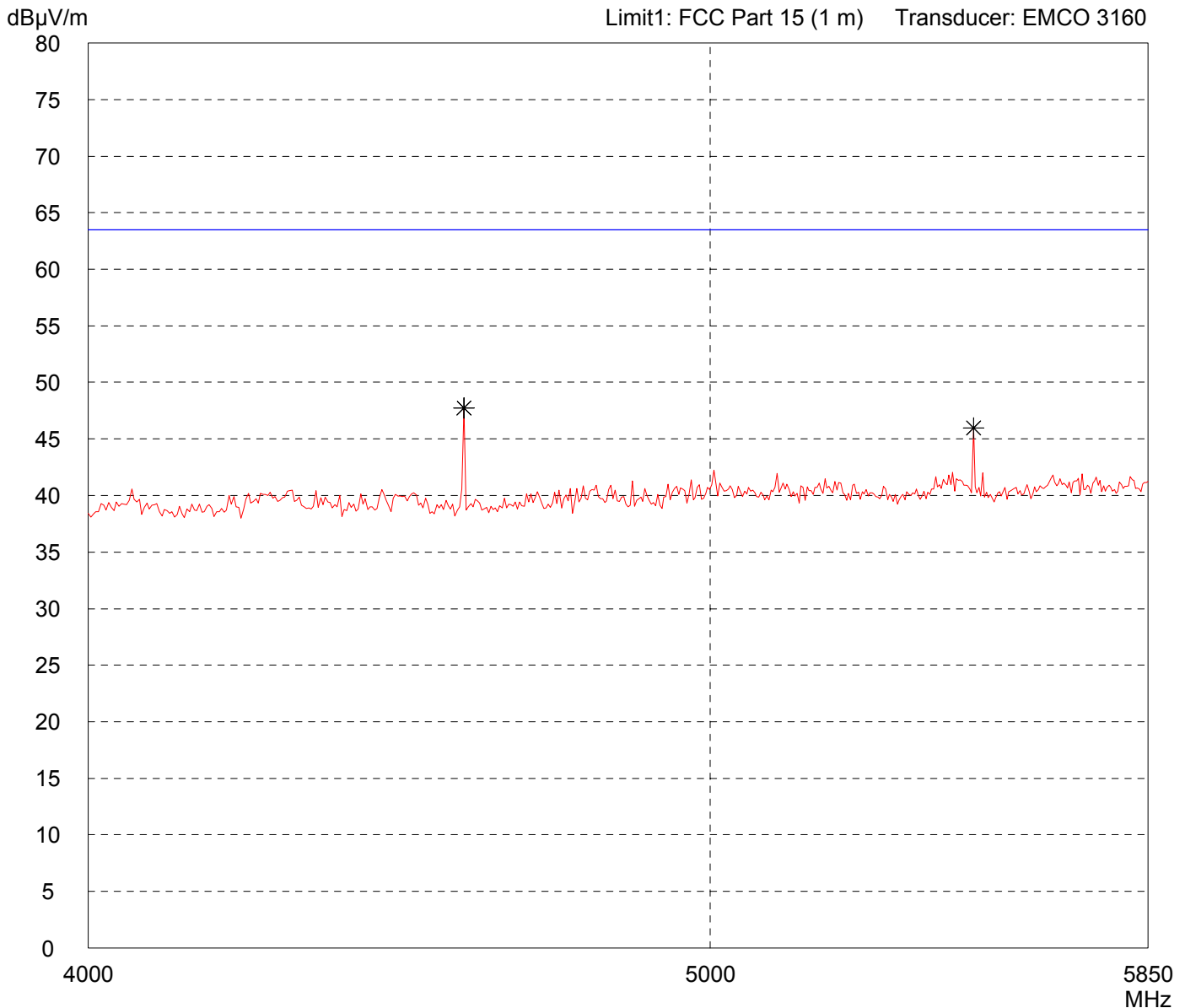


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 4 GHz - 5,85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 915.38 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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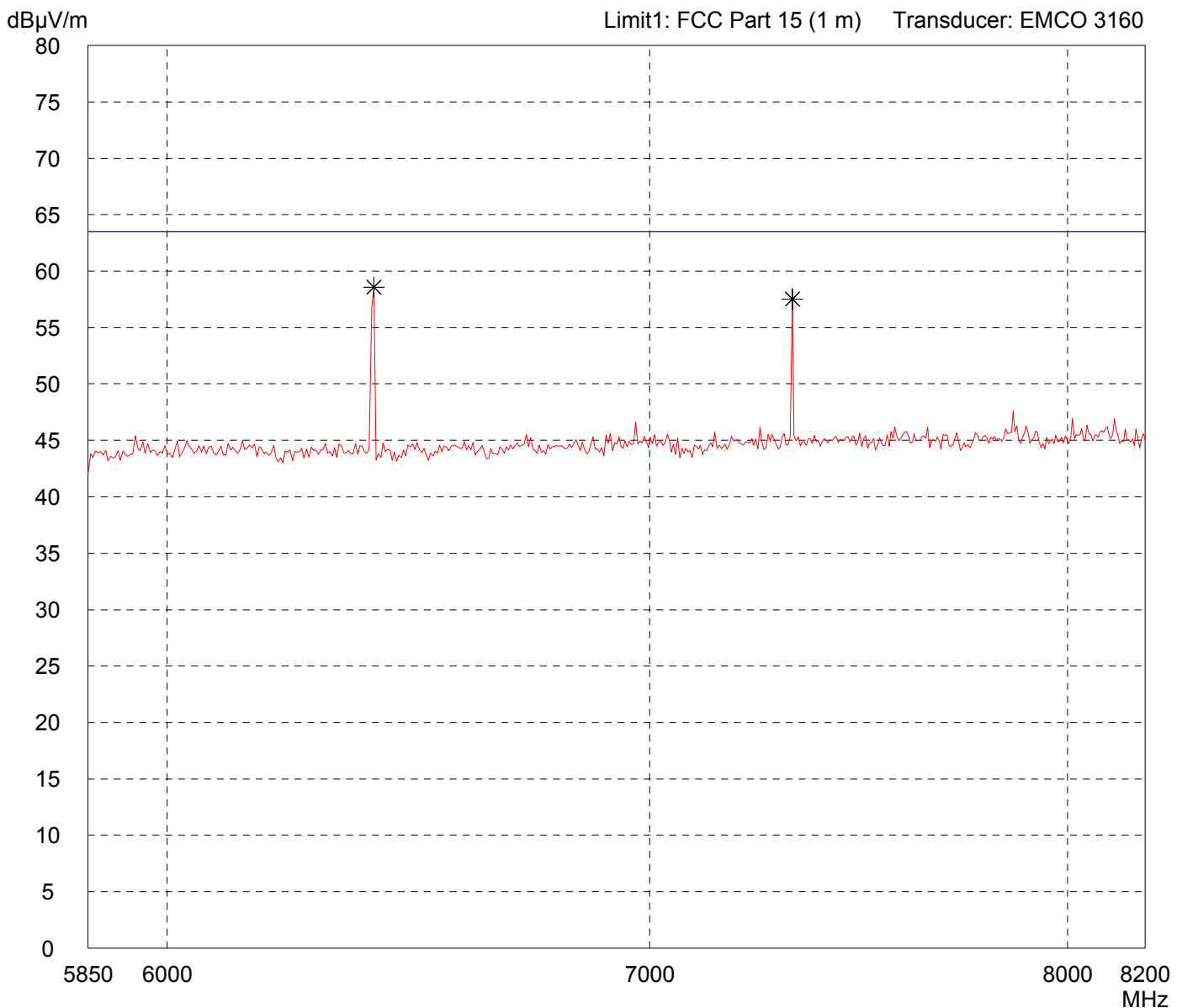


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 5,85 GHz - 8,2 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 915.38 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

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

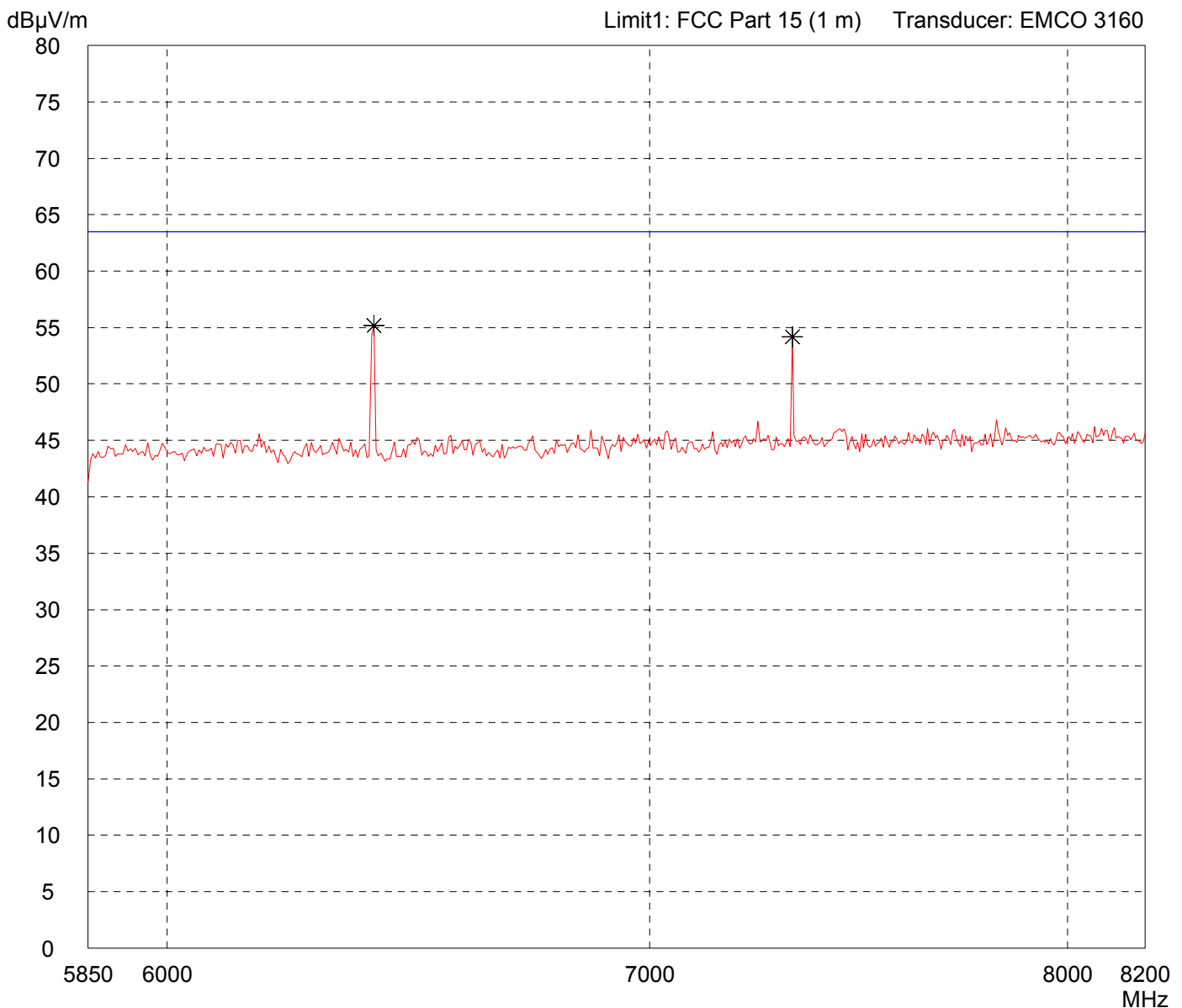


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 5,85 GHz - 8,2 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 915.38 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

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

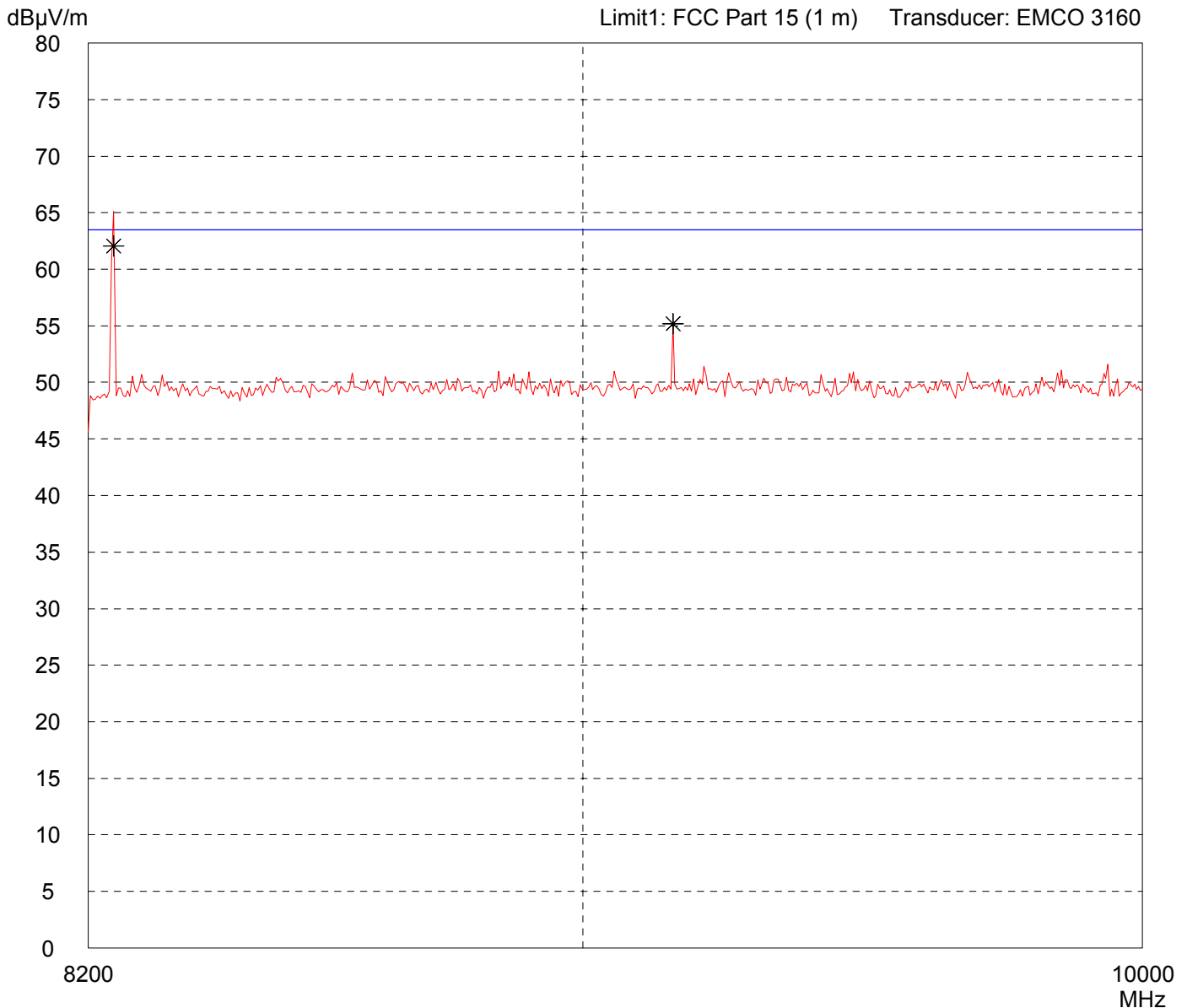


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 8,2 GHz - 10 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 915.38 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

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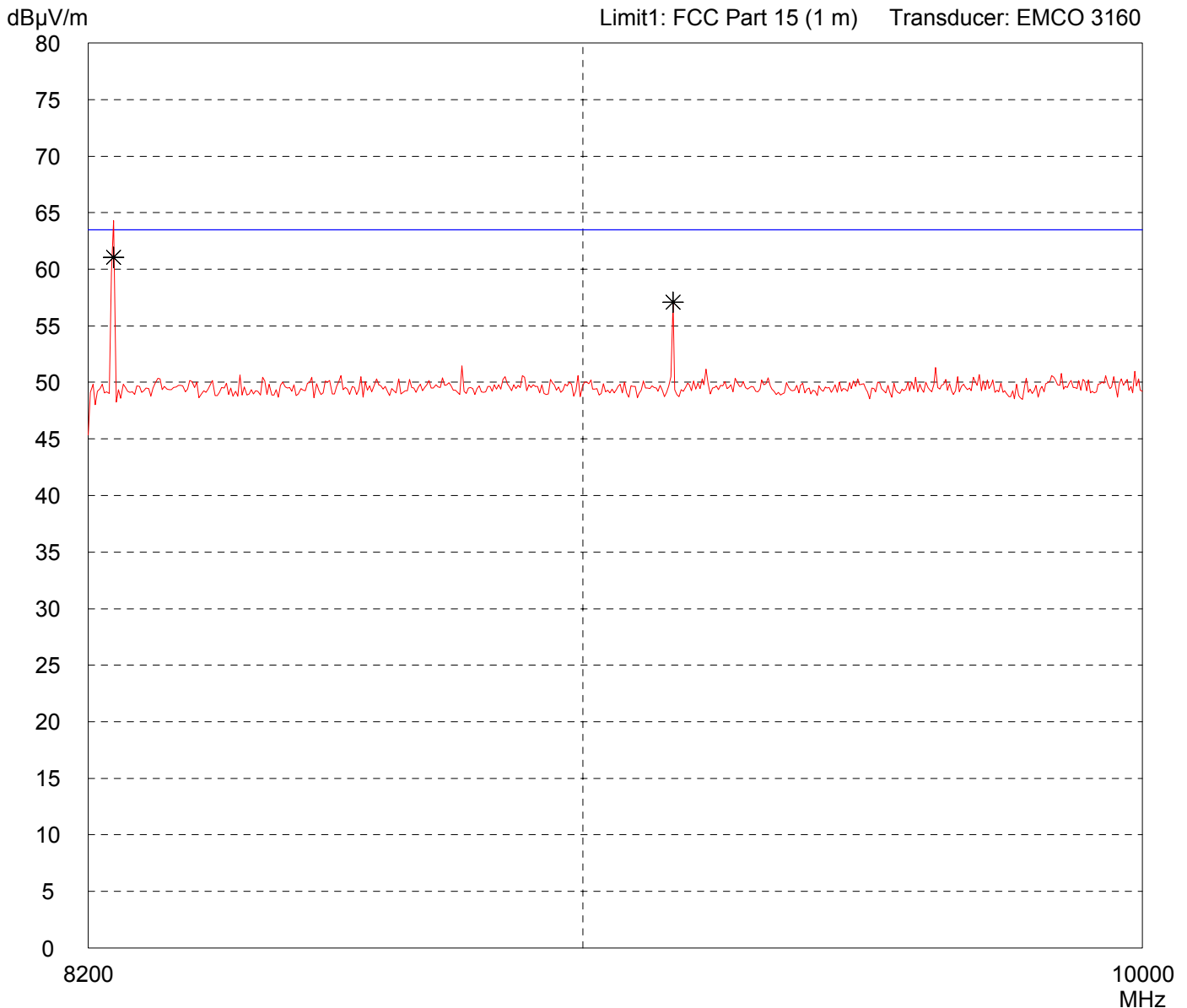


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 8,2 GHz - 10 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 915.38 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

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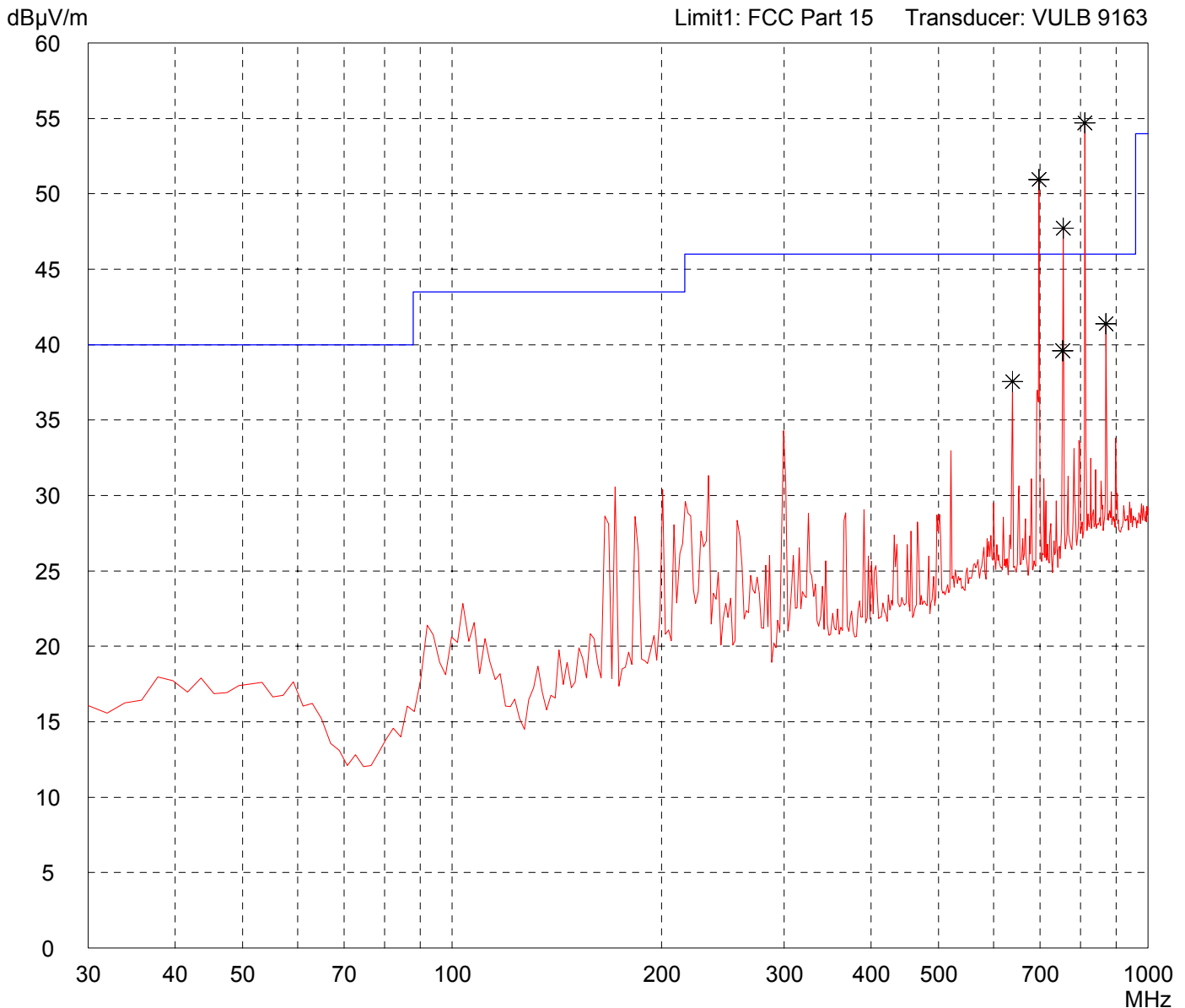


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4790-200M-485	Comment: - TX at 927.5 MHz - Antenna: Nearson S161AH-915R - 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: 01/03/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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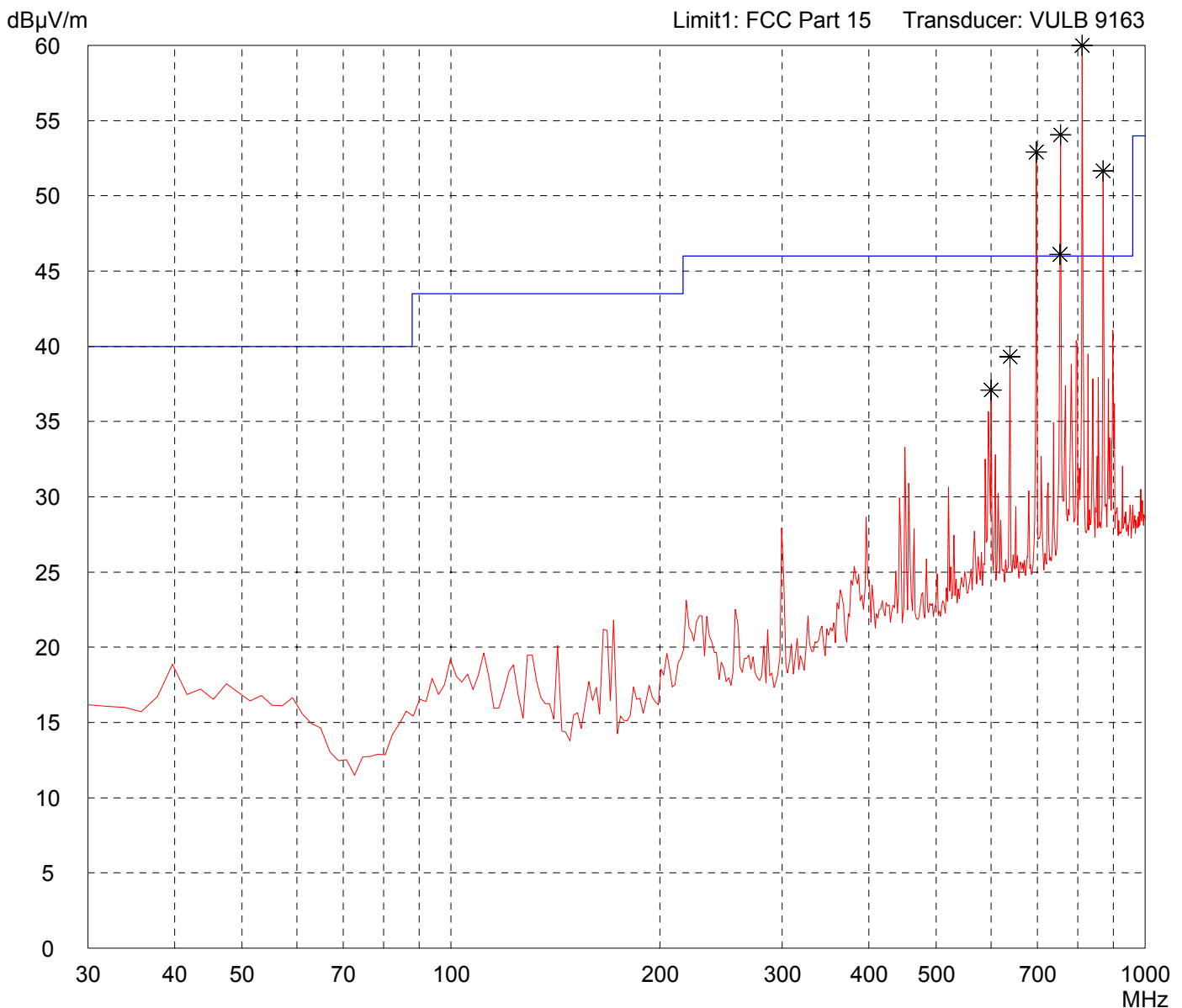


Result: Prescan	Project file: 56109-61084-1
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4790-200M-485	Comment: - TX at 927.5 MHz - Antenna: Nearson S161AH-915R - 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: 01/03/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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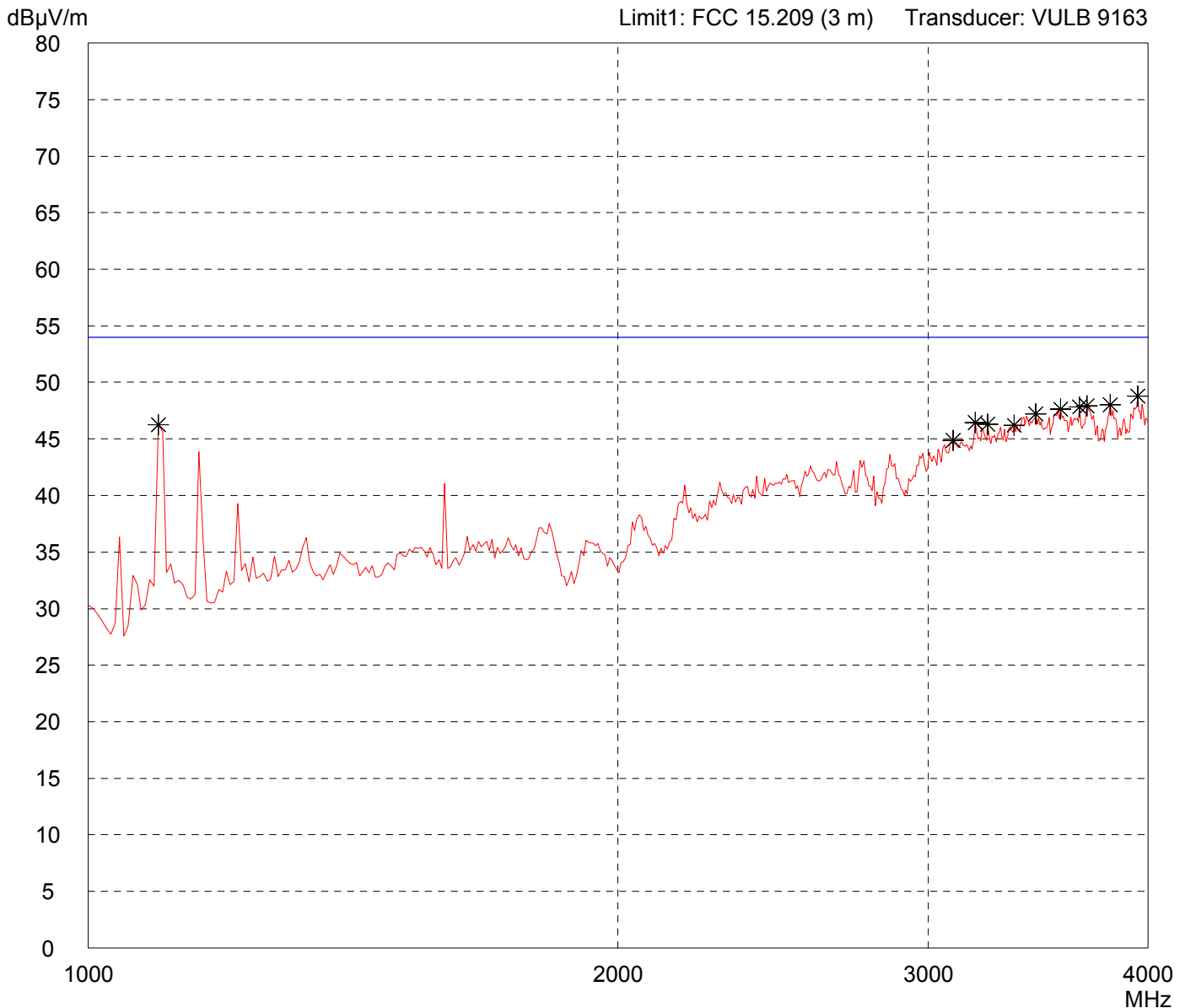


Result: Prescan	Project file: 56109-61084-1
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4790-200M-485	Comment: - TX Mode on High Channel - Antenna: S161AH-915 - 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: 10 dB Margin
	50 Subranges

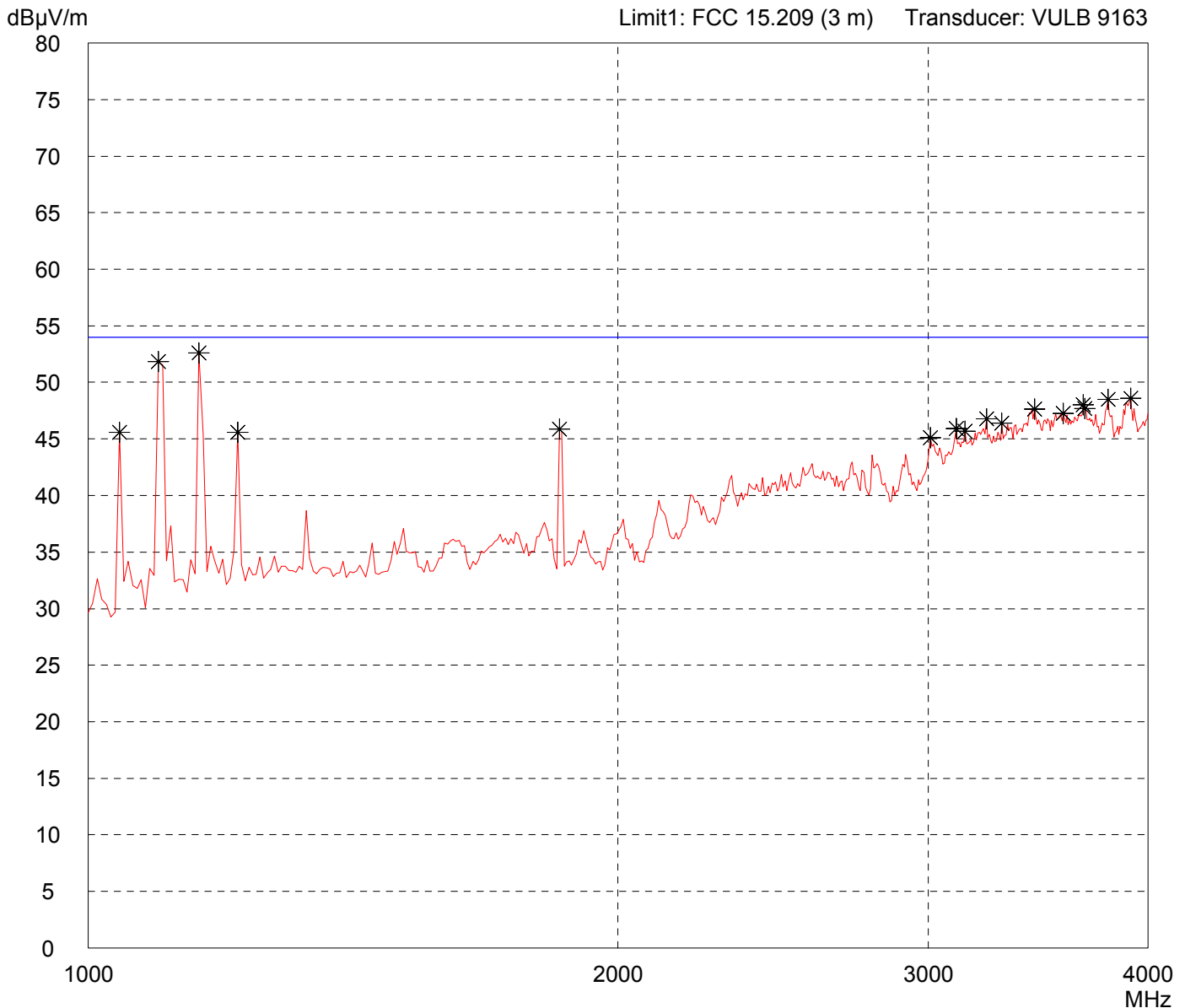


Result: Pass	Project file: 56109-61084-1
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4790-200M-485	Comment: - TX Mode on High Channel - Antenna: S161AH-915 - 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

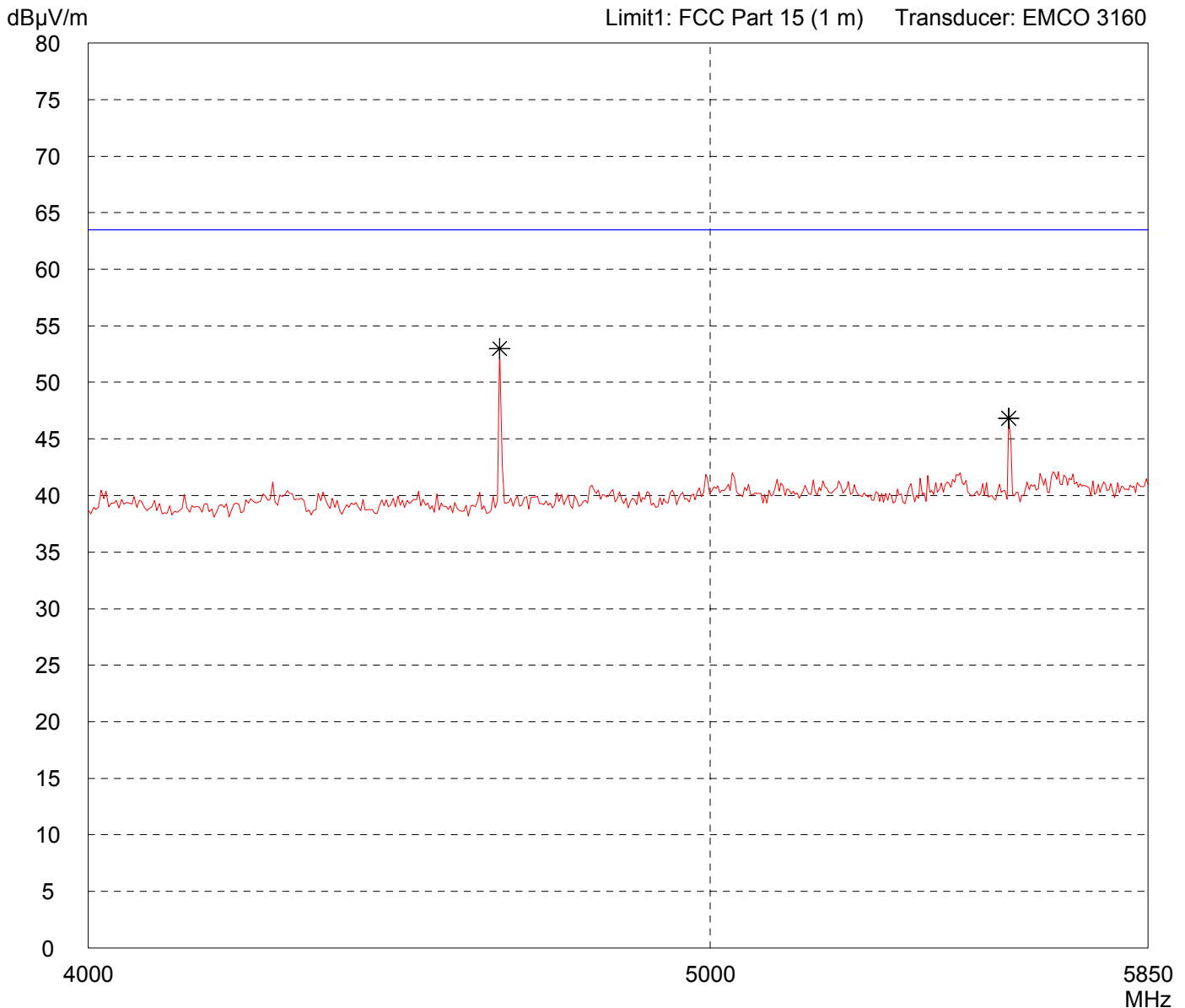


Result: Pass	Project file: 56109-61084-1
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Radiated Emission Test 4 GHz - 5,85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 927.50 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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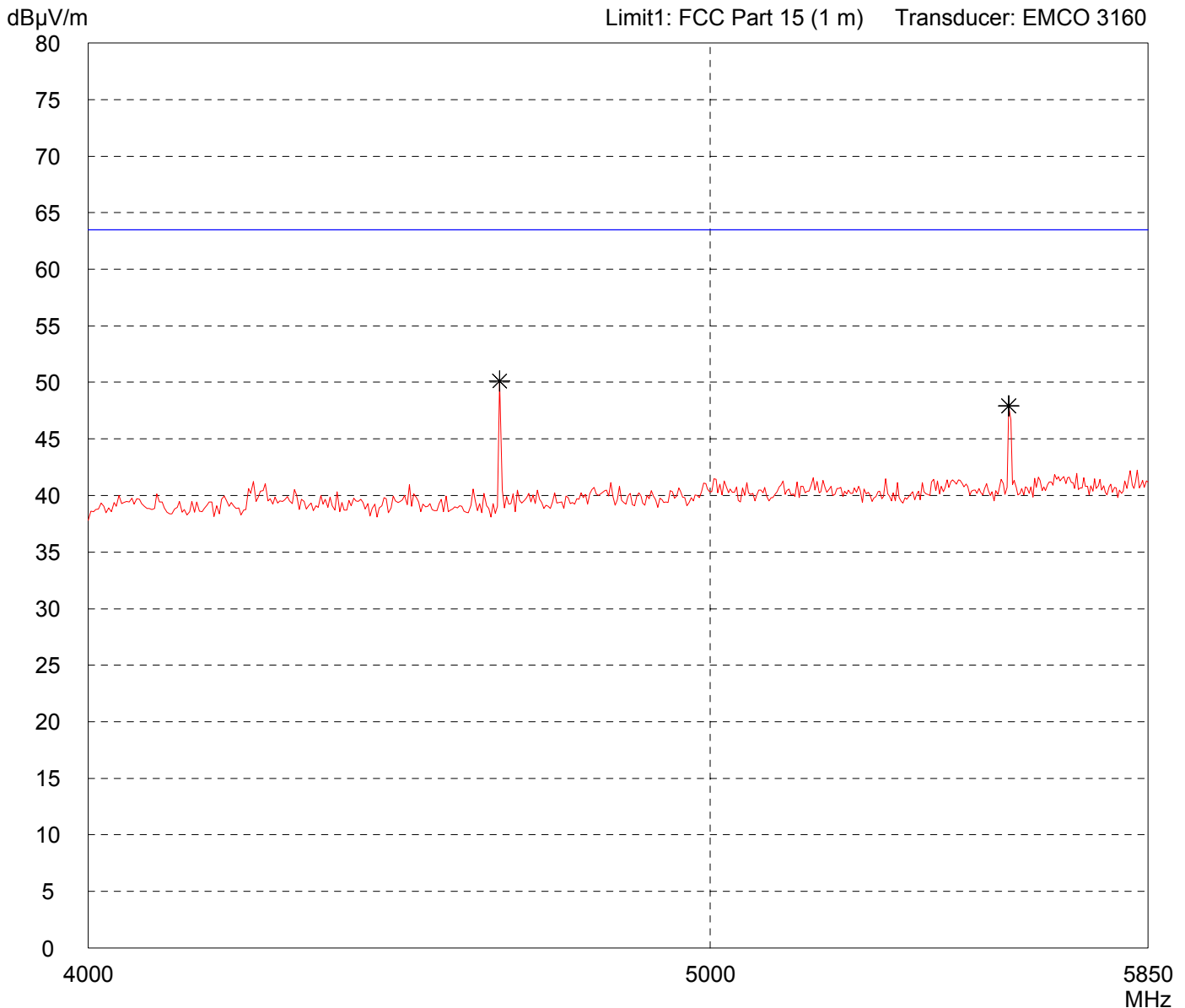


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 4 GHz - 5,85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 927.50 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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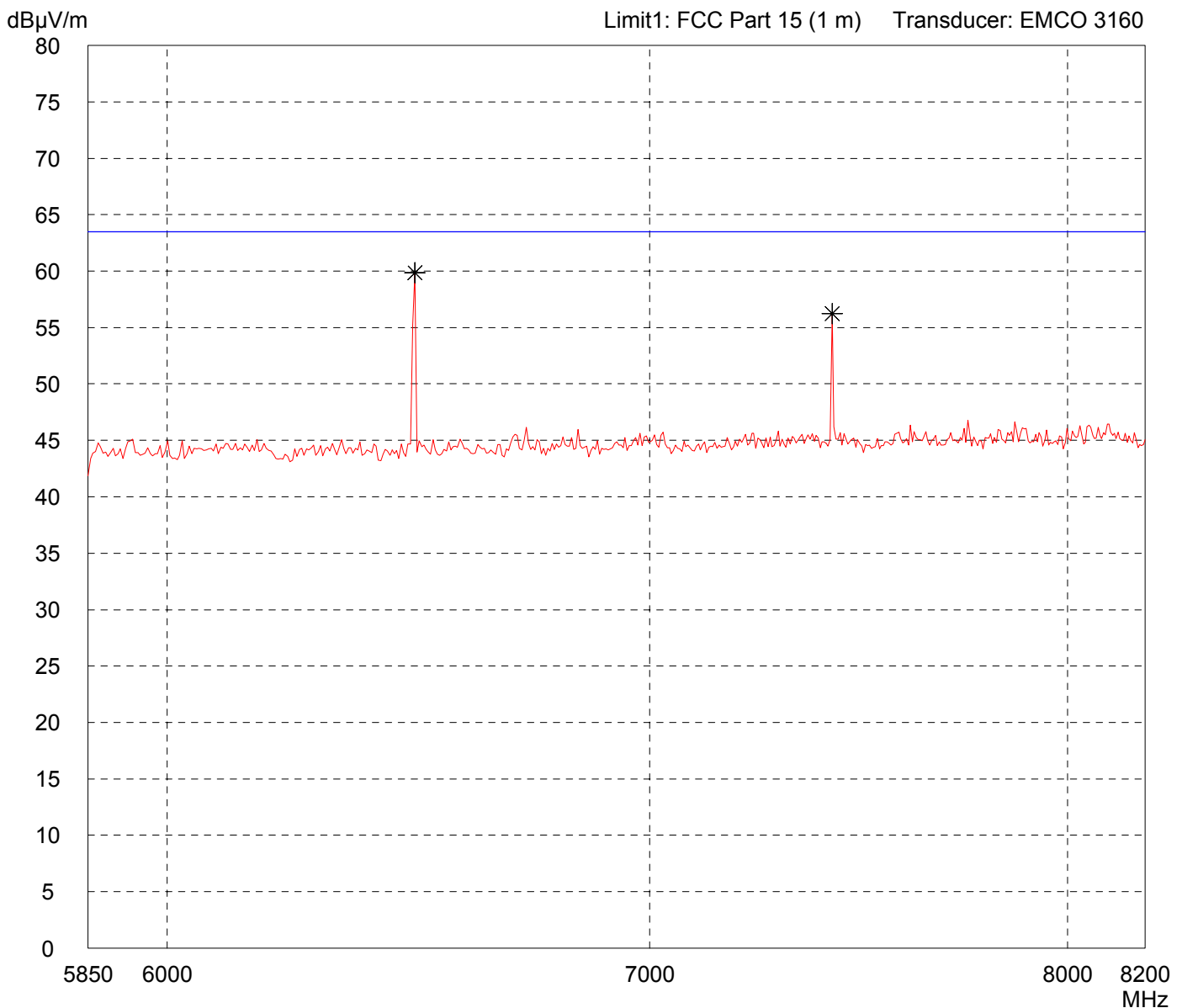


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 5,85 GHz - 8,2 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 927.50 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

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

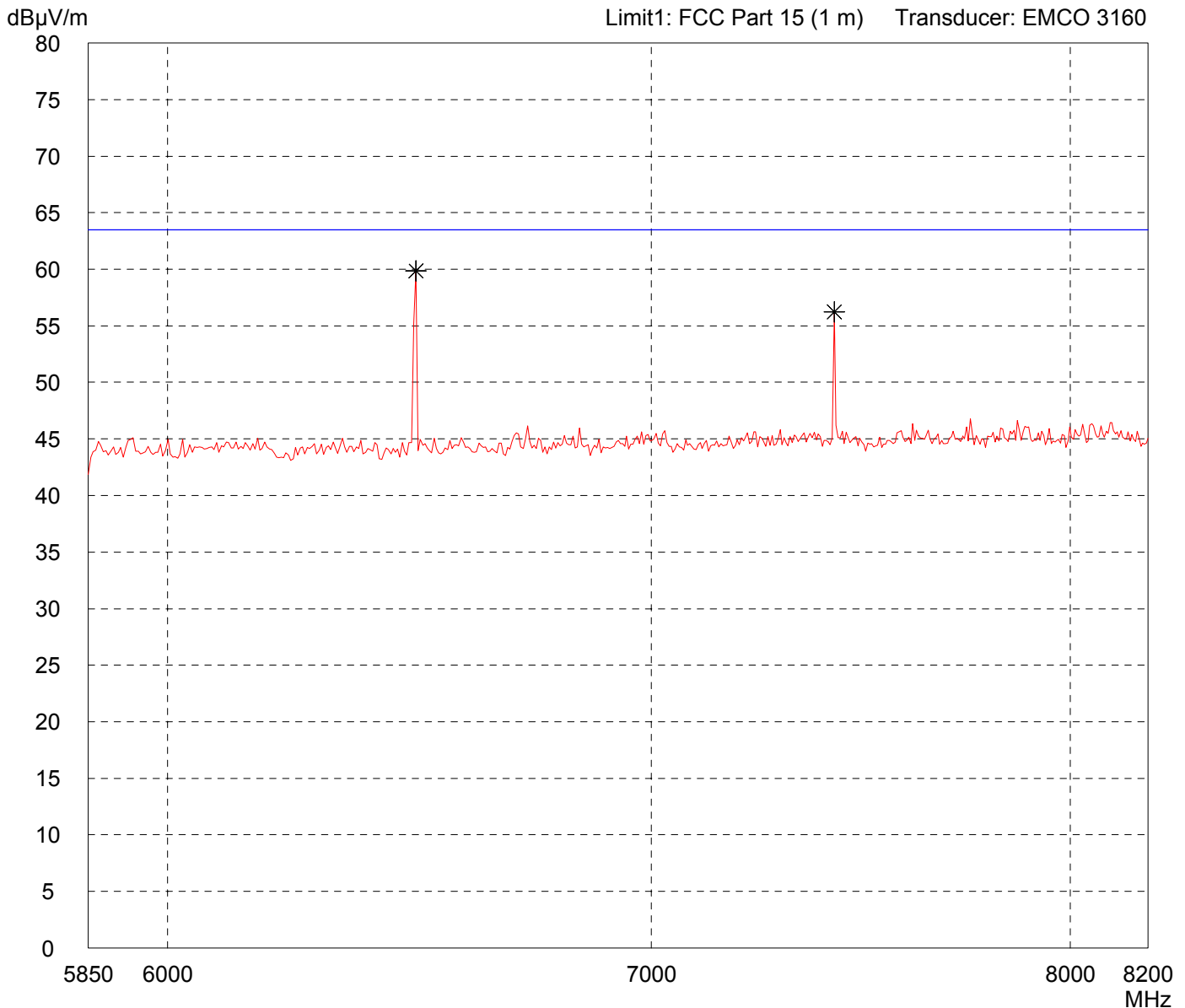


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 5,85 GHz - 8,2 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 927.50 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

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

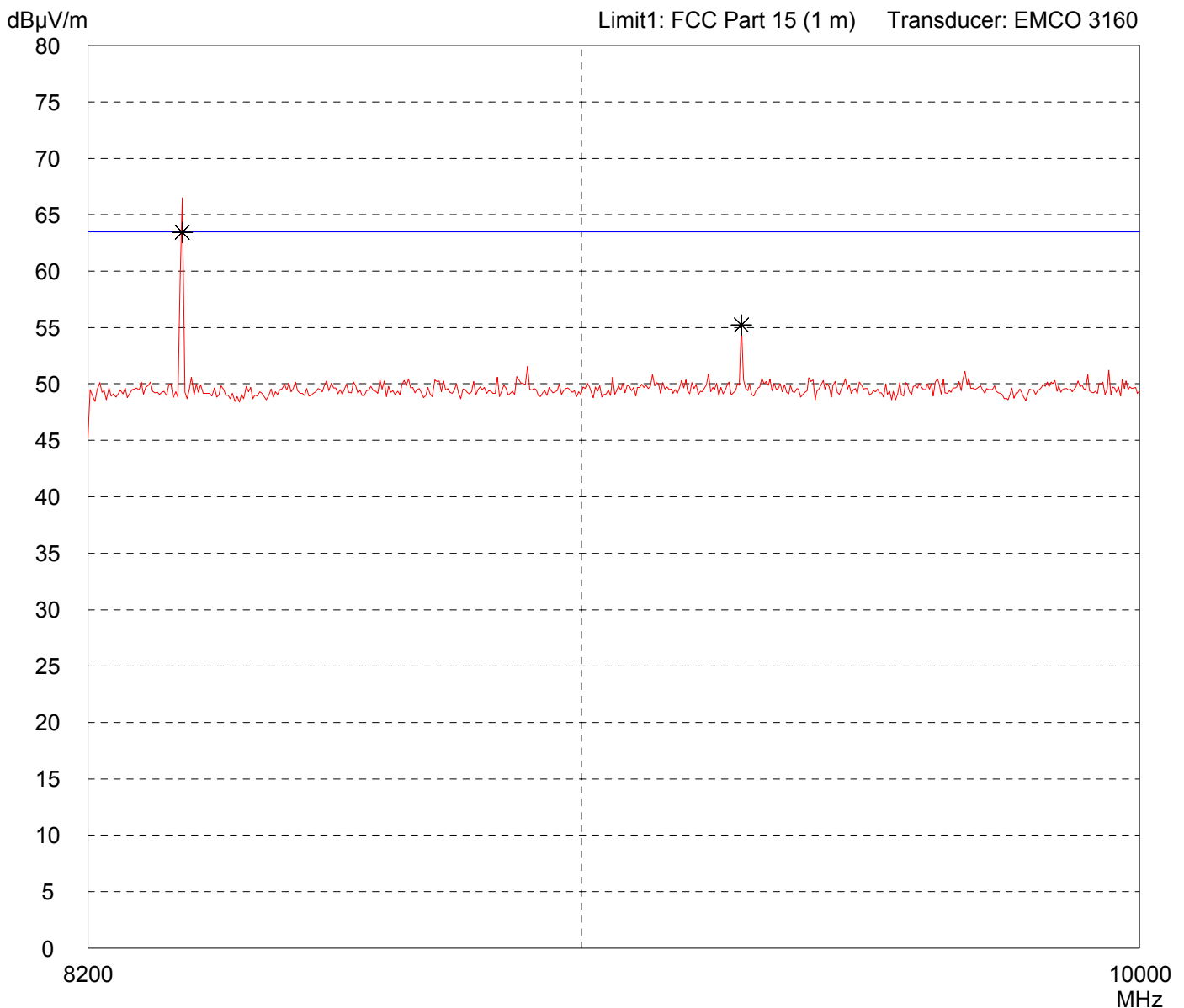


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 8,2 GHz - 10 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 927.50 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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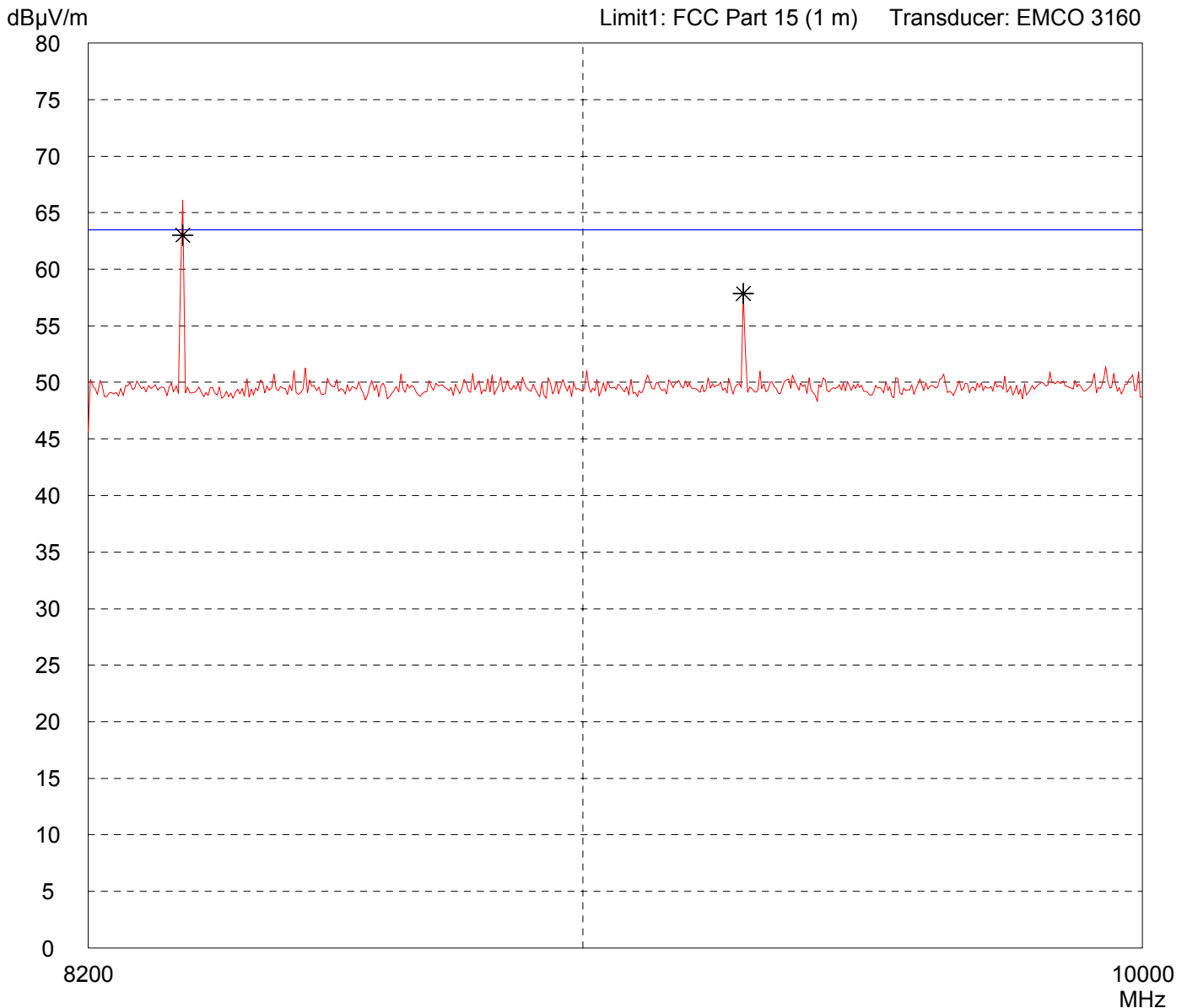


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 8,2 GHz - 10 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 927.50 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

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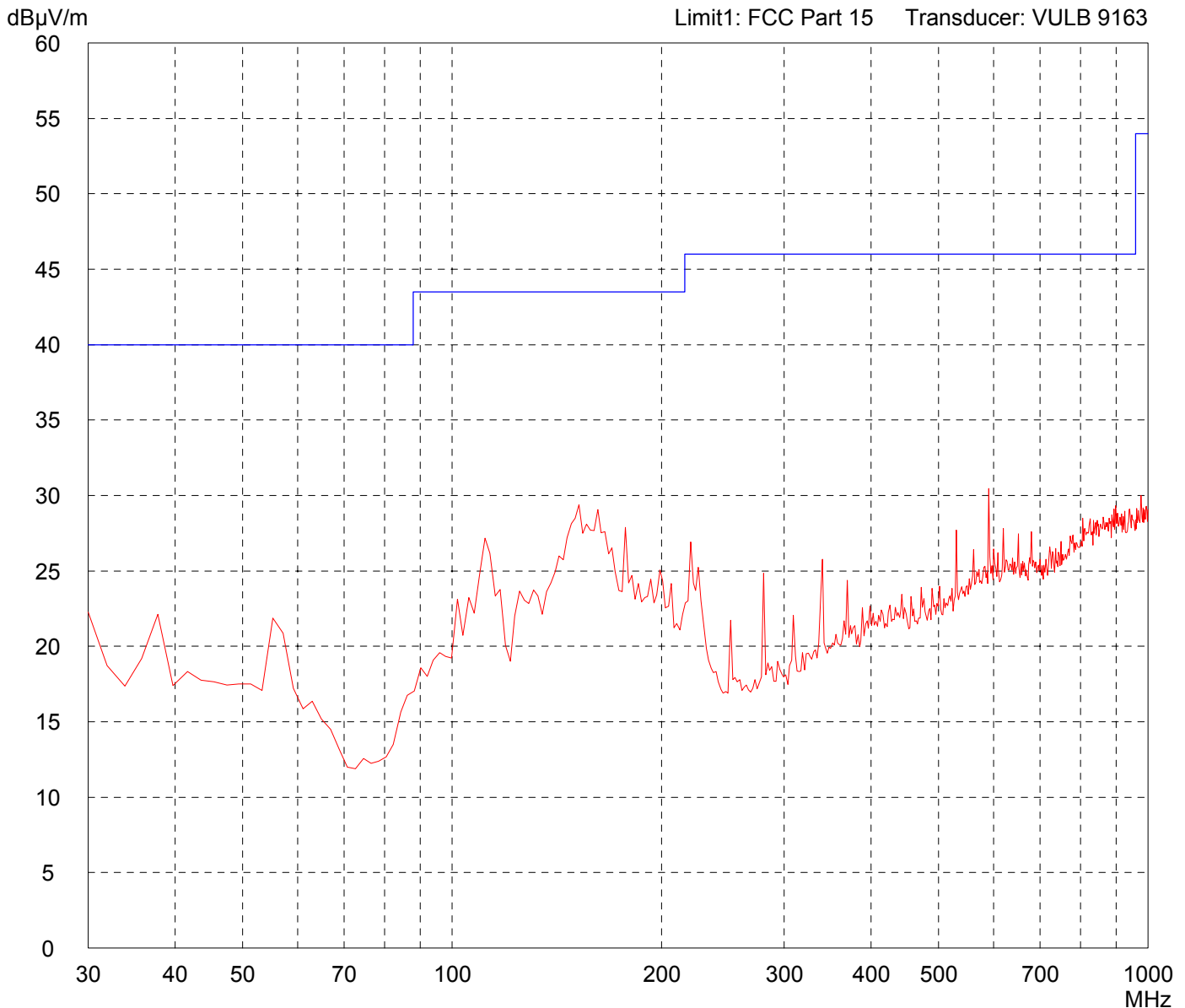


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4790-200M-485	Comment: - RX at 915.37 MHz - Antenna: Nearson S161AH-915R
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: 01/05/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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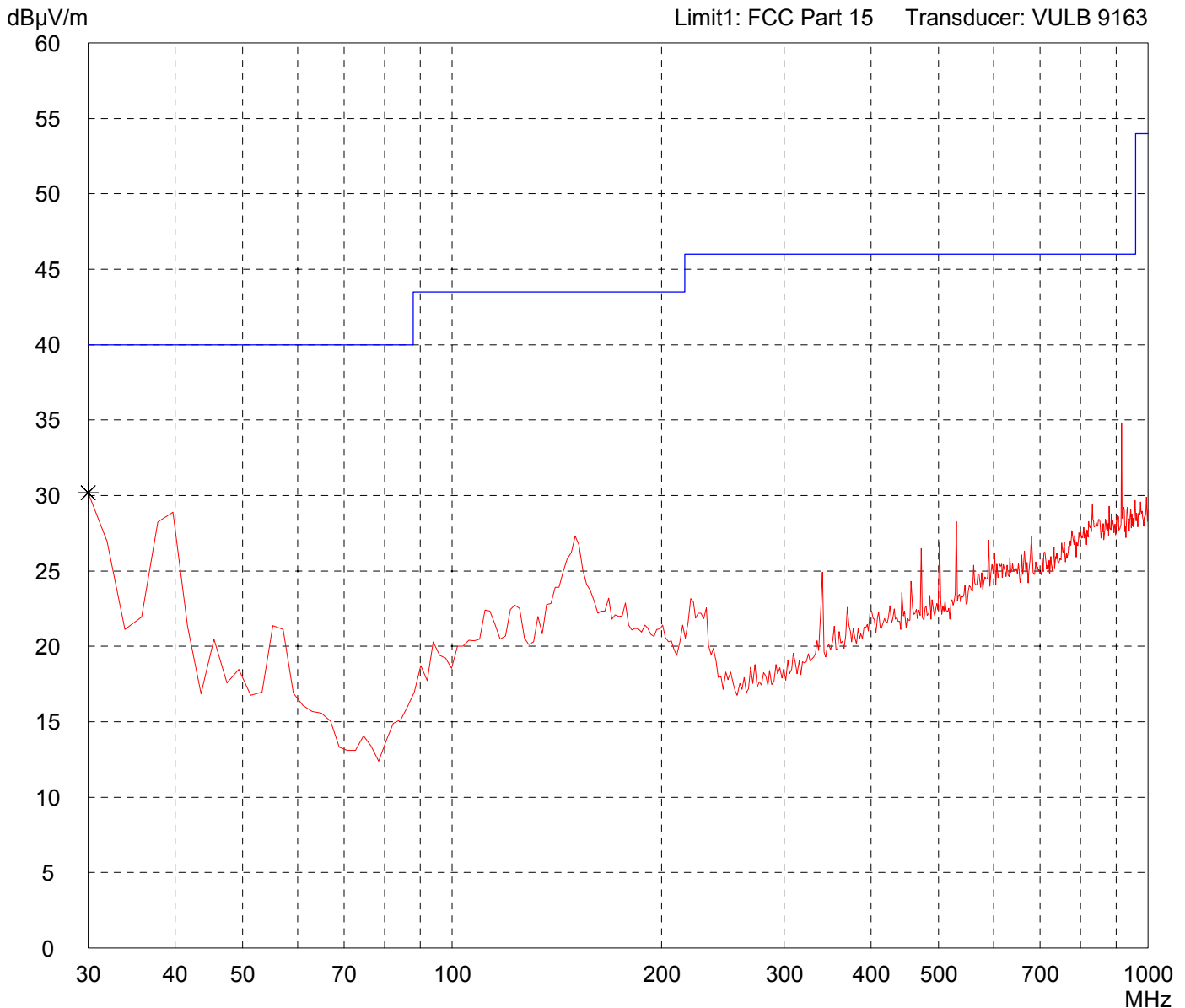


Result: Prescan	Project file: 56109-61084-1
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4790-200M-485	Comment: - RX at 915.37 MHz - Antenna: Nearson S161AH-915R
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: 01/05/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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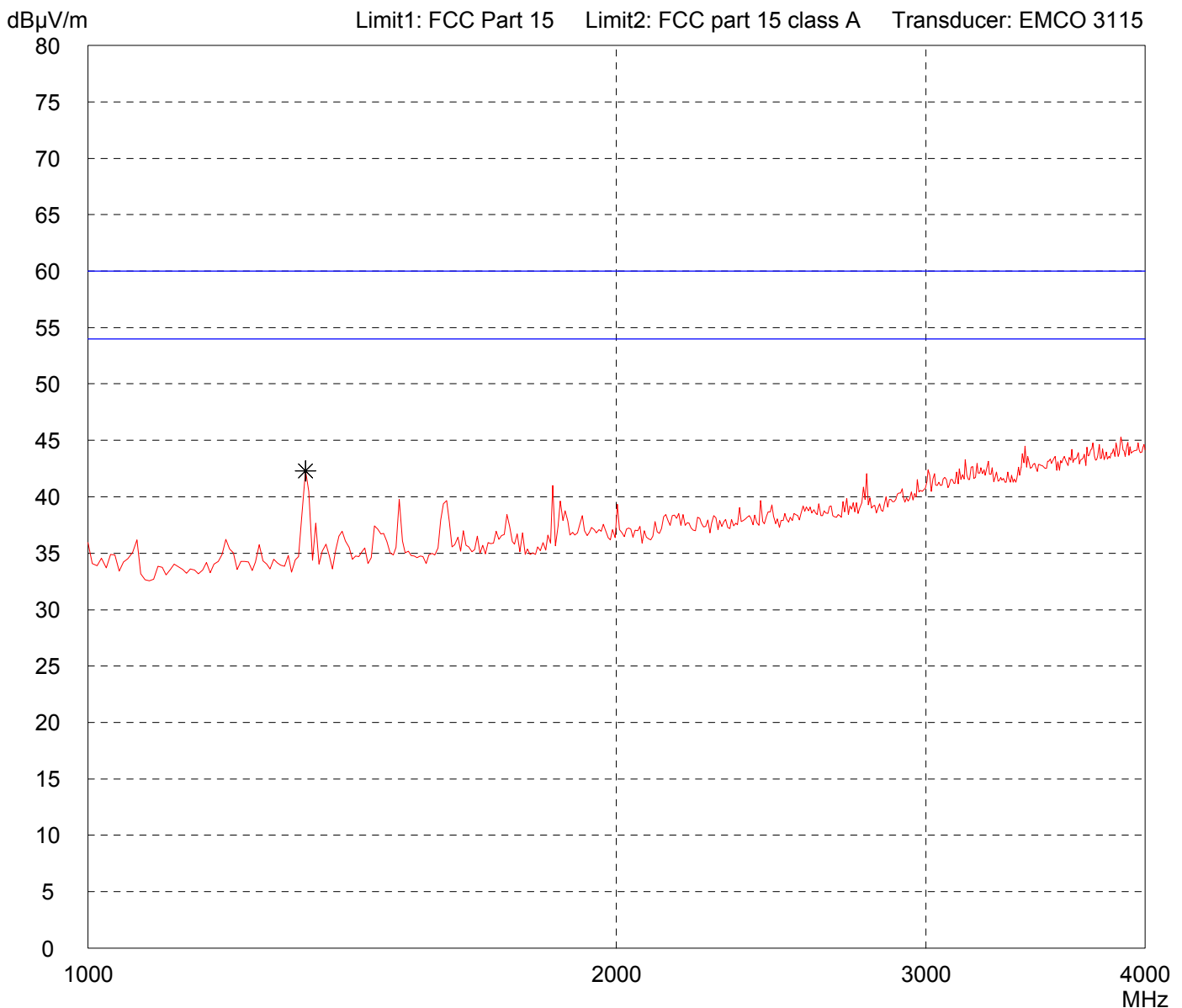


Result: Prescan	Project file: 56109-61084-1
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 (EMCO 3115)

Model: AC4790-200M-485	Comment: - RX at 915.38 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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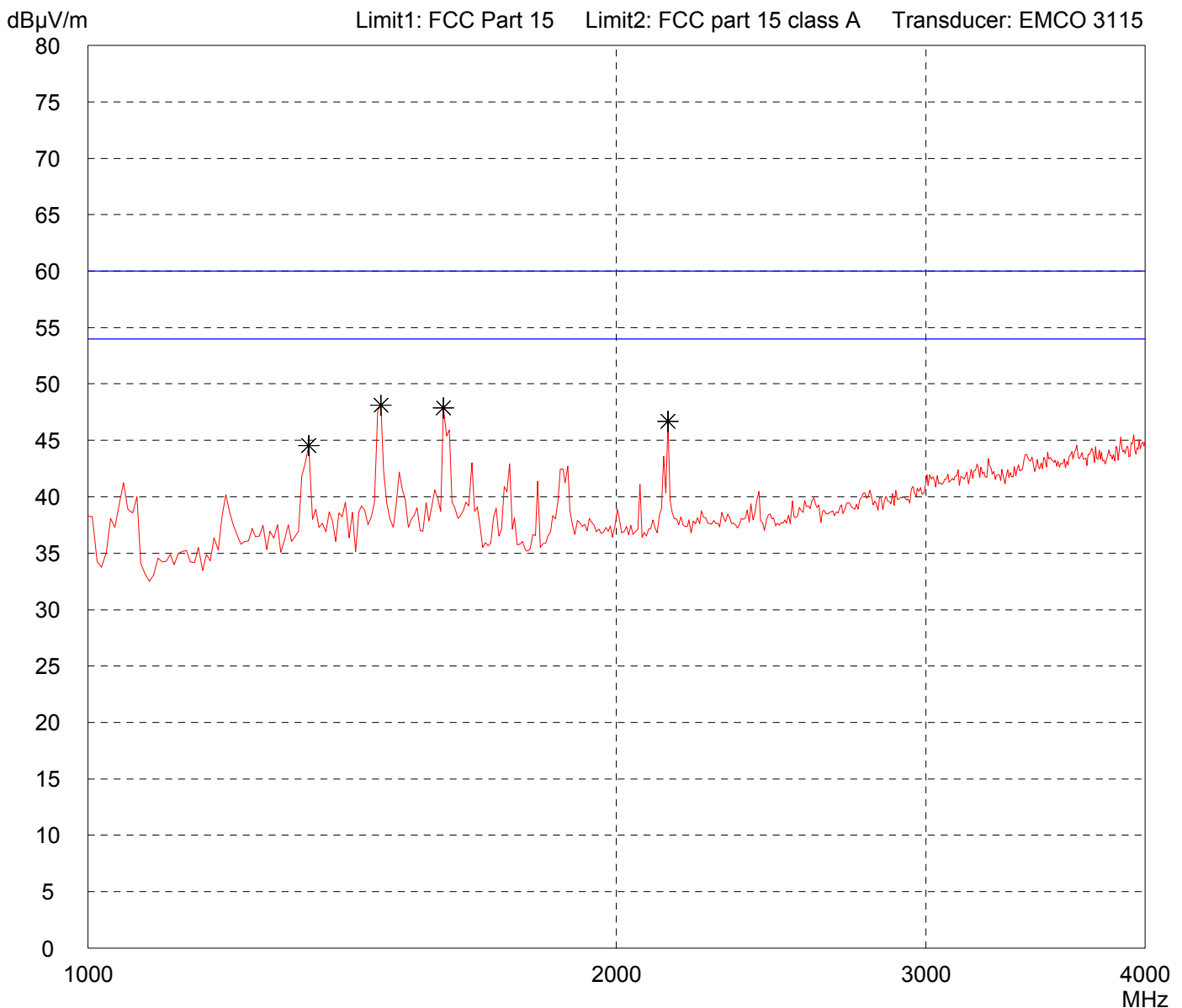


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 (EMCO 3115)

Model: AC4790-200M-485	Comment: - RX at 915.38 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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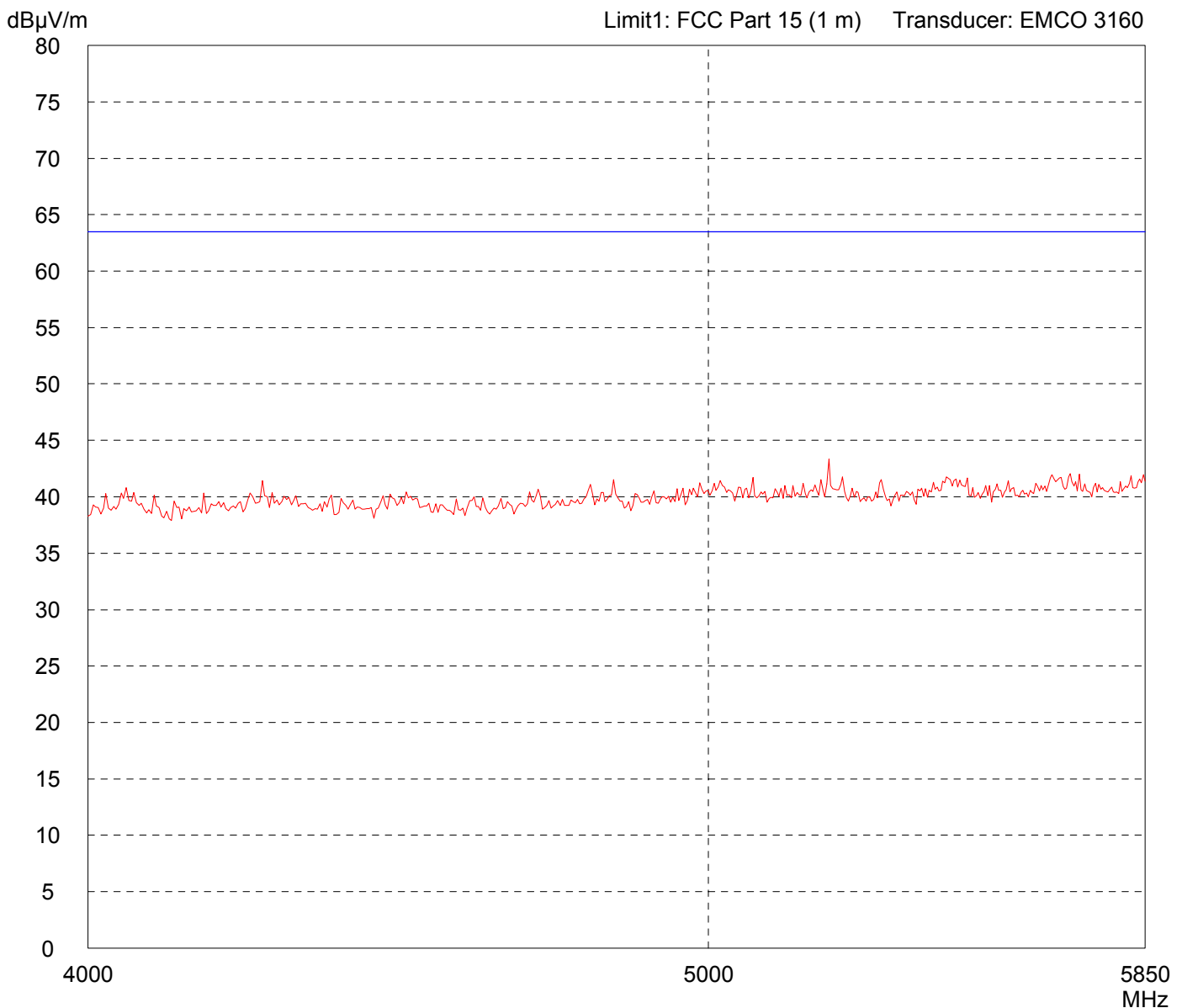


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 4 GHz - 5,85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - RX at 915.38 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
Test performed: automatically	File name: default.emi

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

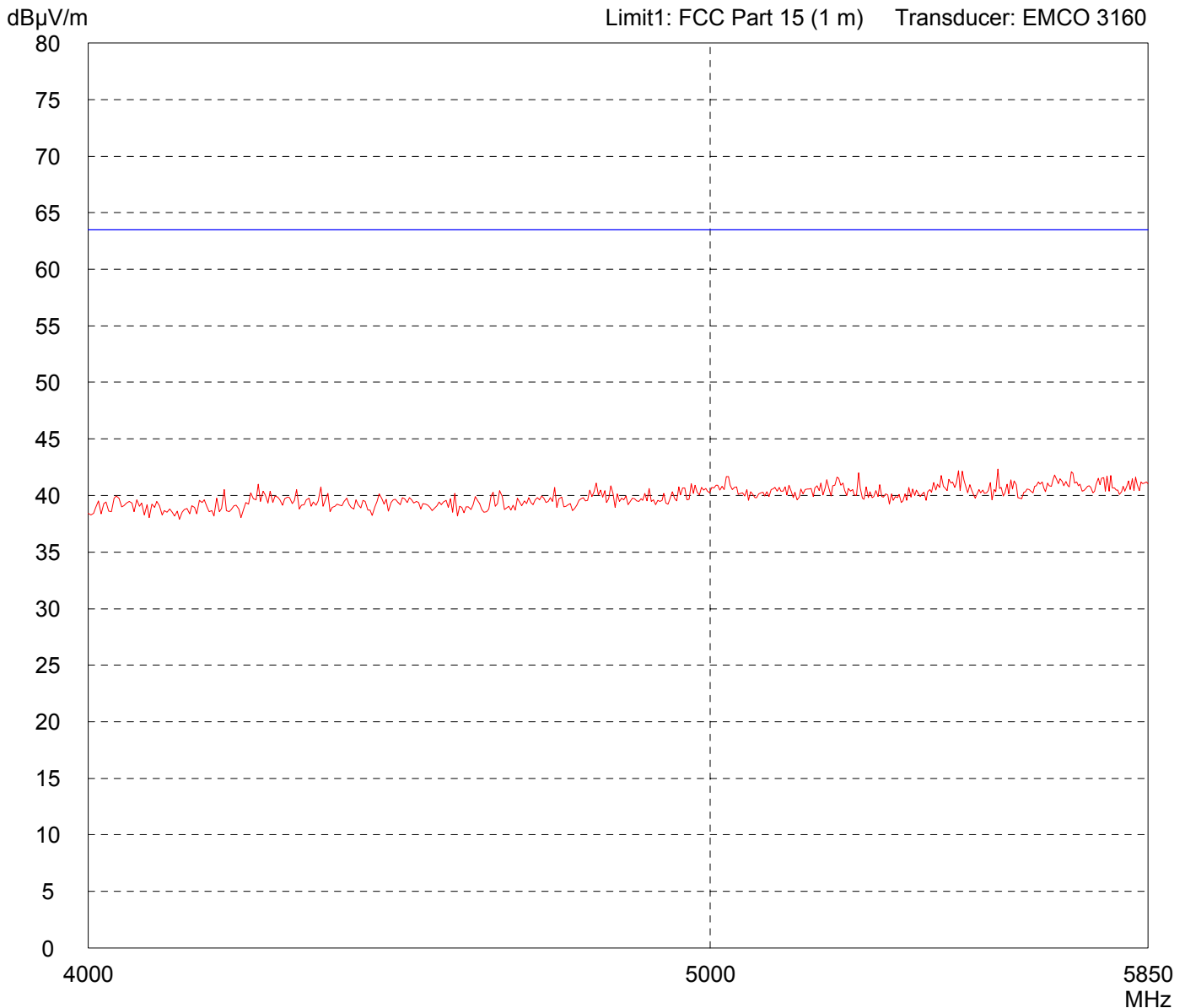


Result: Limit kept	Project file: 56109-61084-1
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Radiated Emission Test 4 GHz - 5,85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - RX at 915.38 MHz - Antenna: Nearson S161AH-915R
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: 01/25/2007	Operator: T. Eberl
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: 56109-61084-1
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