

Straubing, 28 June 2007

APPENDIX C

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 Y2283A-915-10RP

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)
902.10	Horizontal	96.71	24.19	120.90	Fundamenta 	---
915.40	Horizontal	96.25	24.31	120.56	Fundamenta 	---
927.50	Horizontal	95.44	24.41	119.85	Fundamenta 	---
Band Edge Compliance						
902.0	Horizontal	4.13	24.19	28.32	100.90	N.R.B.
928.0	Horizontal	4.93	24.41	29.34	99.85	N.R.B.
Low Channel						
734.22	Horizontal	28.62	22.01	50.62	100.90	N.R.B.
790.48	Horizontal	41.63	22.79	64.42	100.90	N.R.B.
846.74	Horizontal	36.10	23.52	59.62	100.90	N.R.B.
903.00	Horizontal	34.86	24.20	59.06	100.90	N.R.B.
1012.0	Horizontal	26.27	25.19	51.46	54.00	2.54
1066.0	Horizontal	25.37	25.96	51.32	54.00	2.68
1126.0	Horizontal	23.75	26.50	50.25	54.00	3.75
4510.0	Vertical	12.38	33.99	46.37	54.00	7.63

Frequency (MHz)	Antenna Polarisation	Meter Reading (dBµV)	Antenna Correction (dB)	Field Strength (dBµV/m)	Limit (dBµV/m)	Margin (dB)
5413.4	Horizontal	13.33	34.85	48.18	54.00	5.82
6315.3	Vertical	11.67	38.19	49.86	54.00	4.14
7217.7	Vertical	7.36	38.95	46.31	54.00	7.69
8124.8	Vertical	9.16	39.70	48.86	54.00	5.14
Middle Channel						
743.92	Horizontal	28.38	22.15	50.53	100.56	N.R.B.
802.12	Horizontal	42.30	22.95	65.25	100.56	N.R.B.
860.32	Horizontal	34.37	23.69	58.06	100.56	N.R.B.
1144.0	Horizontal	19.38	26.55	45.93	54.00	8.07
4577.2	Vertical	8.10	34.05	42.15	54.00	11.85
5494.8	Vertical	0.55	34.93	35.48	54.00	18.52
6409.3	Vertical	11.71	38.27	49.98	54.00	4.02
7325.8	Vertical	6.30	39.07	45.37	54.00	8.63
8239.6	Vertical	6.81	43.17	49.98	54.00	4.02
High Channel						
753.62	Horizontal	24.37	22.28	46.65	99.85	N.R.B.
755.56	Horizontal	31.36	22.31	53.68	99.85	N.R.B.
811.82	Horizontal	46.09	23.08	69.16	99.85	N.R.B.
870.02	Horizontal	35.48	23.81	59.29	99.85	N.R.B.
1096.0	Horizontal	18.44	26.37	44.81	54.00	9.19
1156.0	Horizontal	22.28	26.59	48.87	54.00	5.13
4636.4	Vertical	9.26	34.11	43.37	54.00	10.63
6493.9	Vertical	9.99	38.34	48.34	54.00	5.66
7419.8	Vertical	2.60	39.17	41.77	54.00	12.33
8347.6	Vertical	5.11	43.25	48.36	54.00	5.64

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: (Comtelco Y2283A-915-10RP)

6.0 dBd = 6.53 (numerical gain)

Power density at 20 cm:

0.155 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)
916.580	Peak	Horizontal	15.51	24.32	39.83	46.00	6.2
1198.000	Peak	Vertical	20.09	28.53	48.62	54.00	5.4
1462.000	Peak	Vertical	19.36	29.47	48.83	54.00	5.2
1750.000	Peak	Vertical	17.3	31.01	48.31	54.00	5.7

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

Sample calculation of erp values:

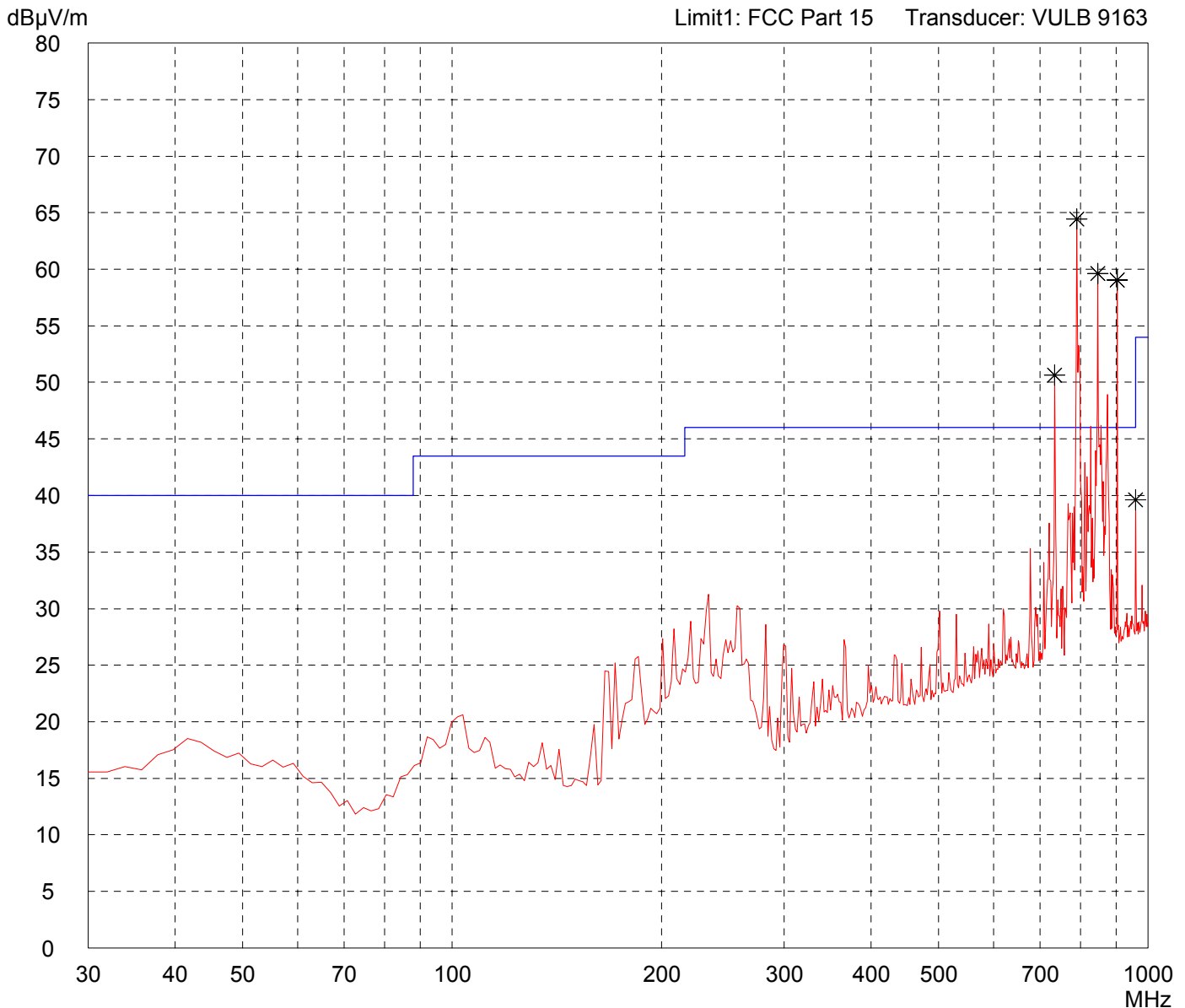
$$\text{Field Strength (dB}\mu\text{V/m)} = \text{Analyzer Reading (dB}\mu\text{V)} + \text{Correction Factor (dB/m)}$$

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: Comtelco Y2283A-915-10RP - 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: 01/22/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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

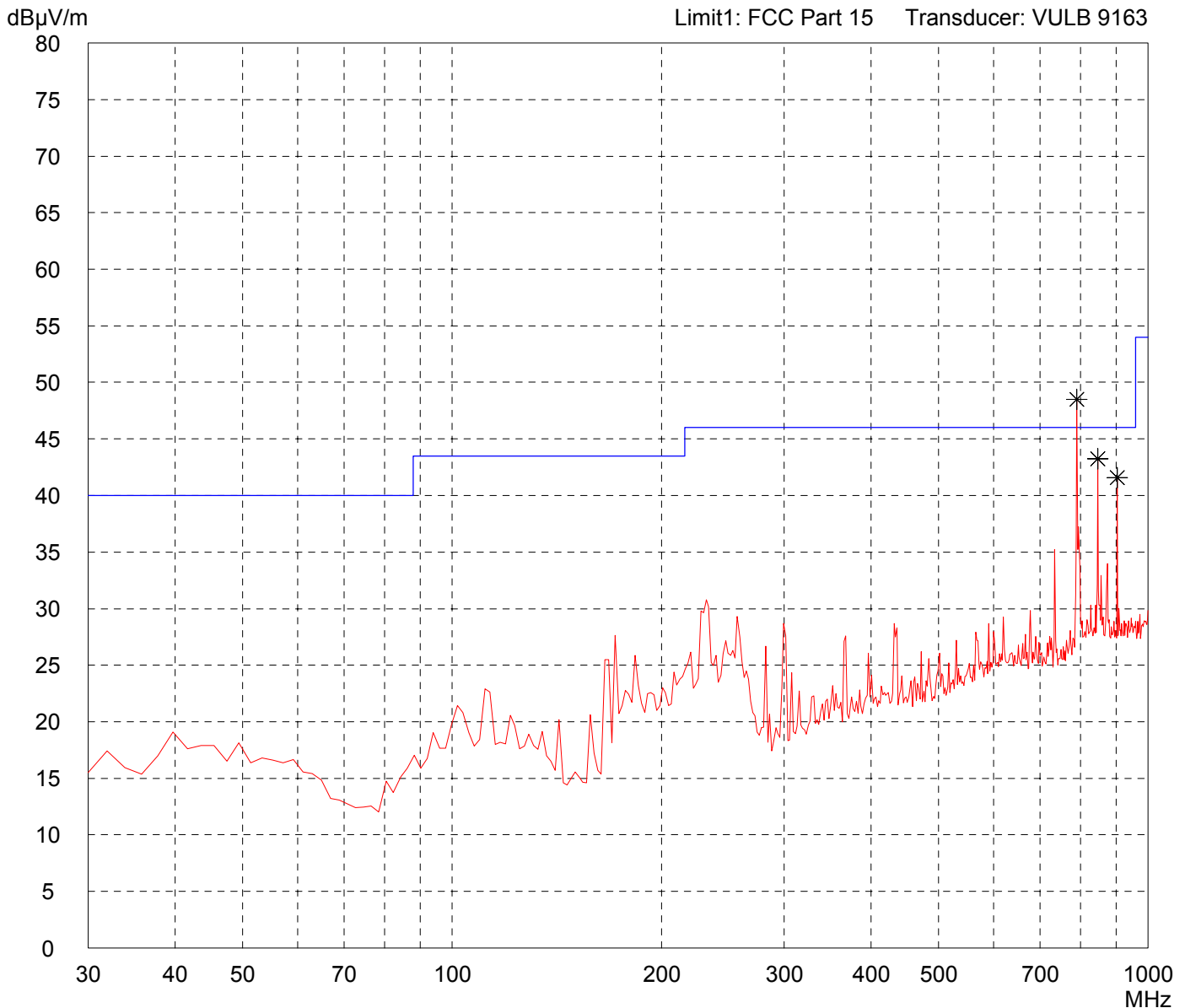


Result: Prescan	Project file: 56109-61084
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4790--200M-485	Comment: - TX at 902.20 MHz - Antenna: Comtelco Y2283A-915-10RP - 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: 01/22/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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

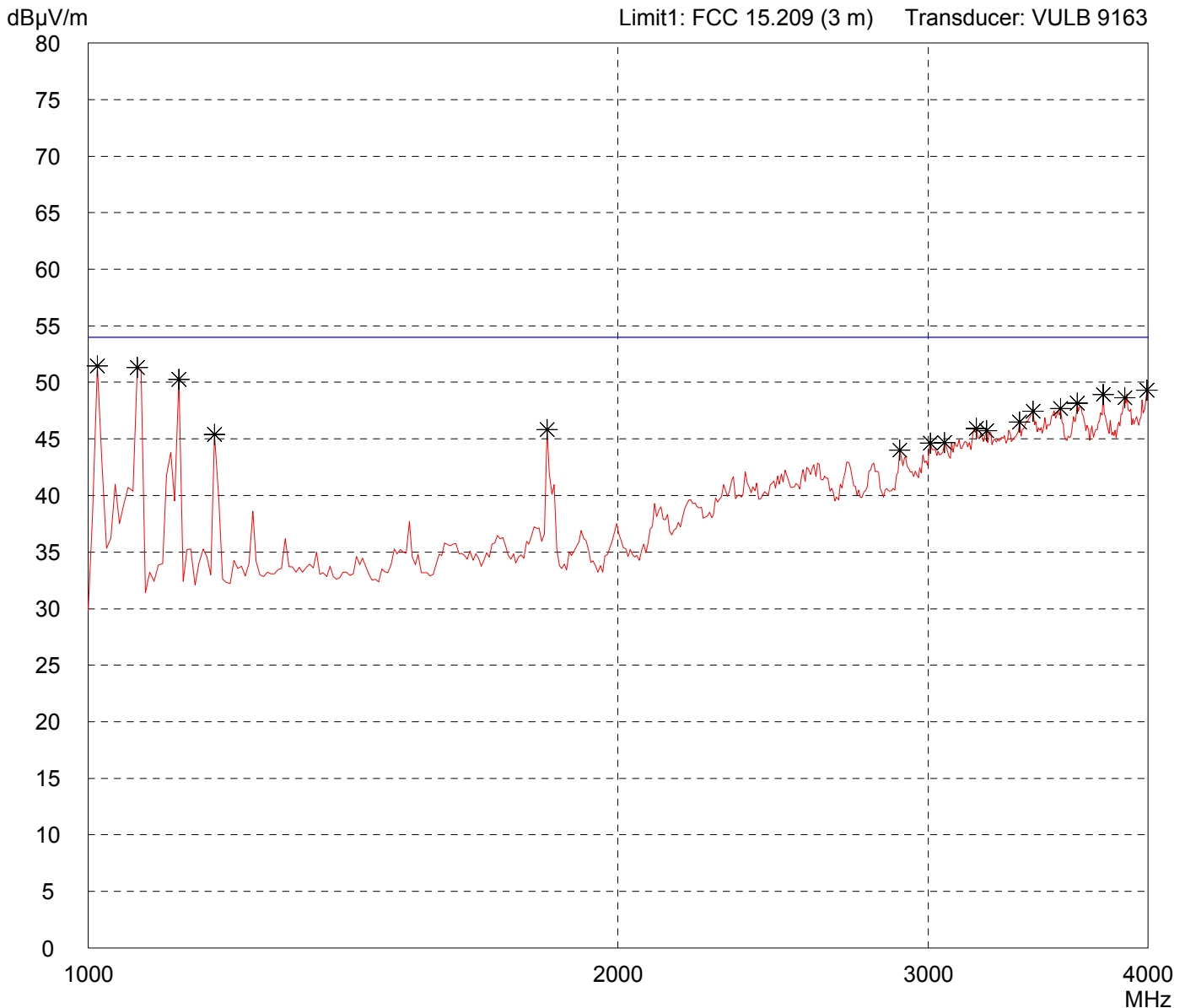


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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4790-200M-485	Comment: - TX Mode on Low Channel - Antenna: Comtelco Y2283 - 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

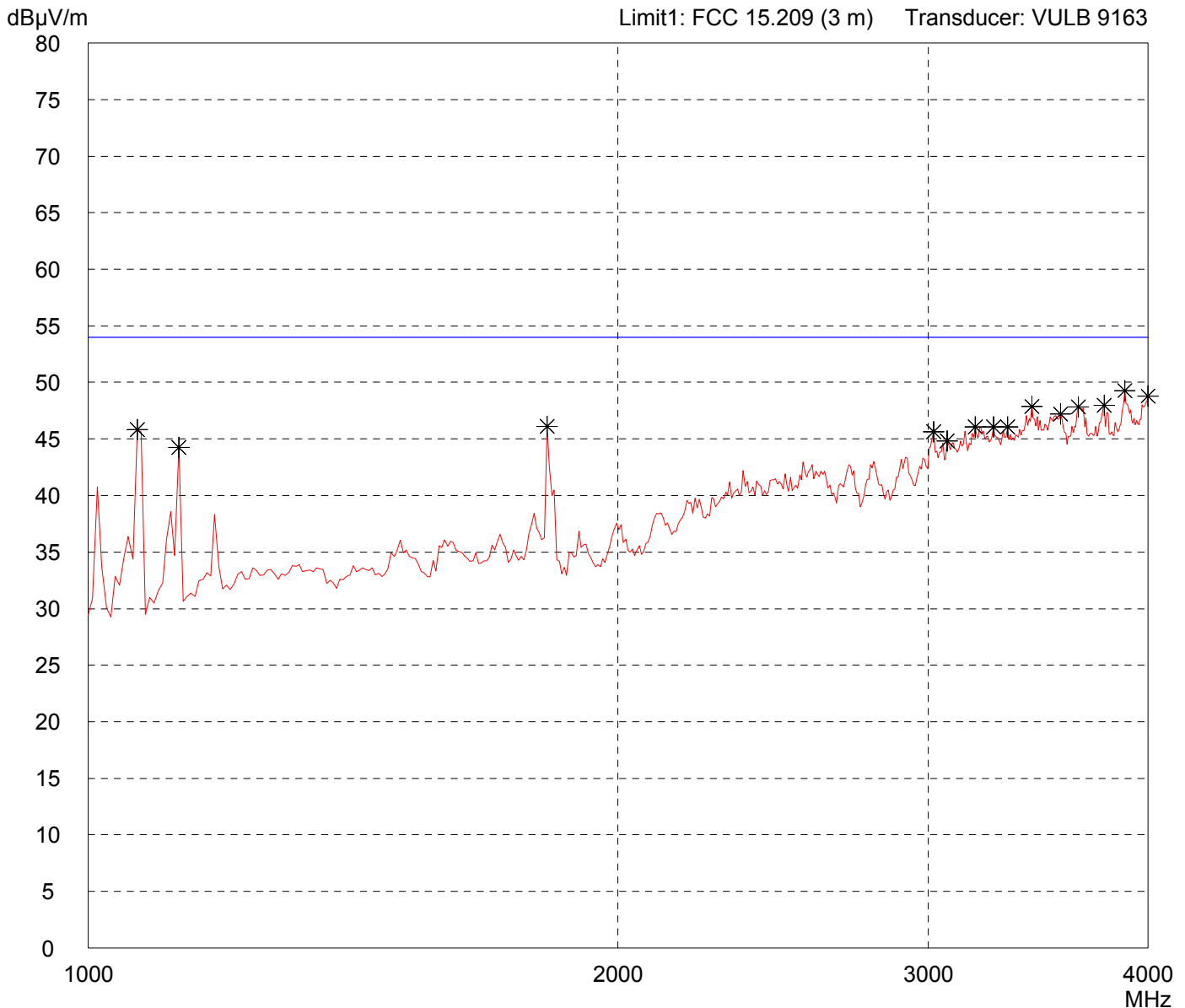


Result: Pass	Project file: 56109-61084-1
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4790-200M-485	Comment: - TX Mode on Low Channel - Antenna: Comtelco Y2283 - 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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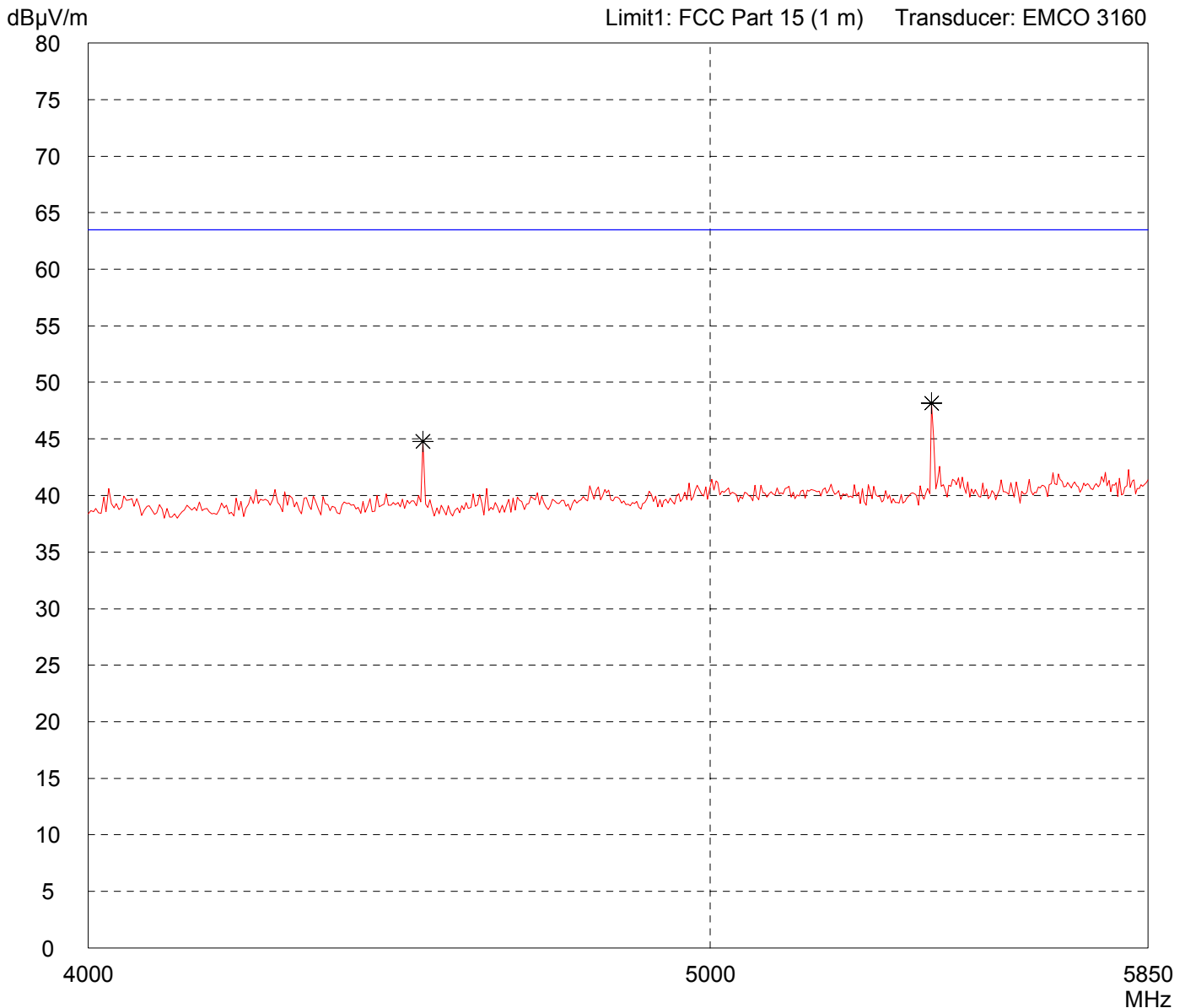


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Radiated Emission Test 4 GHz - 5.85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790--200M-485	Comment: - TX at 902.20 MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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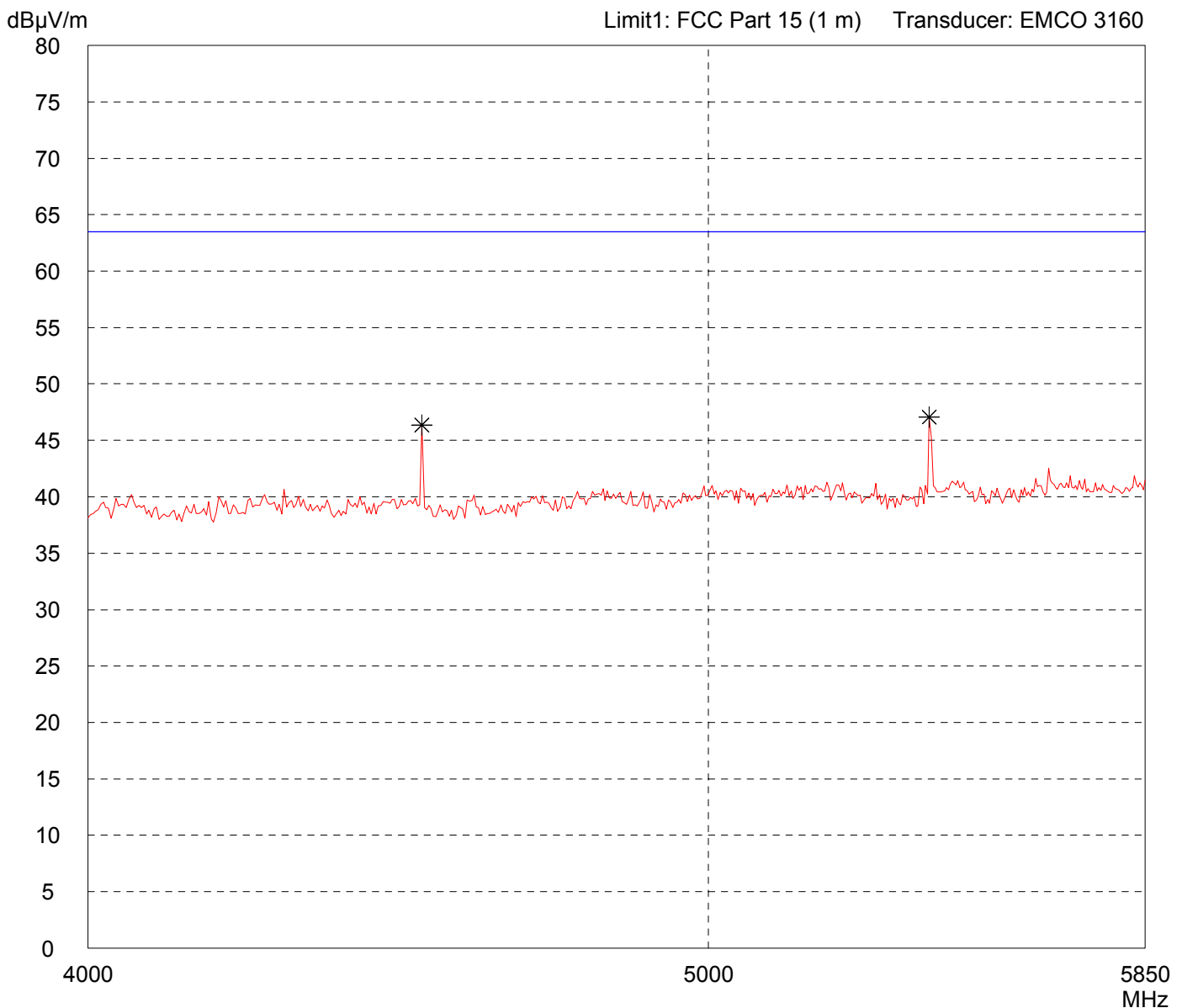


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 4 GHz - 5.85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790--200M-485	Comment: - TX at 902.20 MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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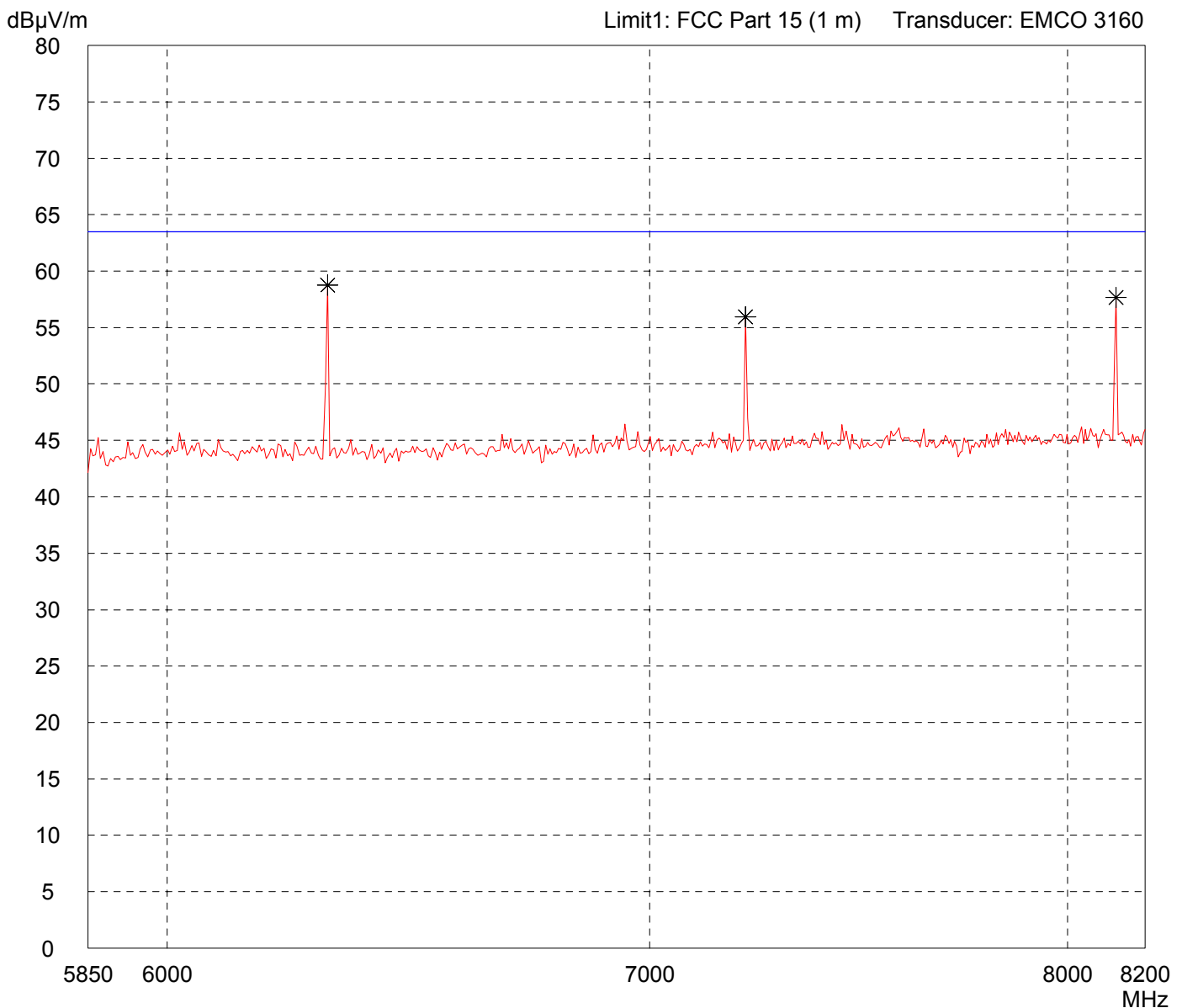


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Radiated Emission Test 5.85 GHz - 8.2 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790--200M-485	Comment: - TX at 902.20MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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

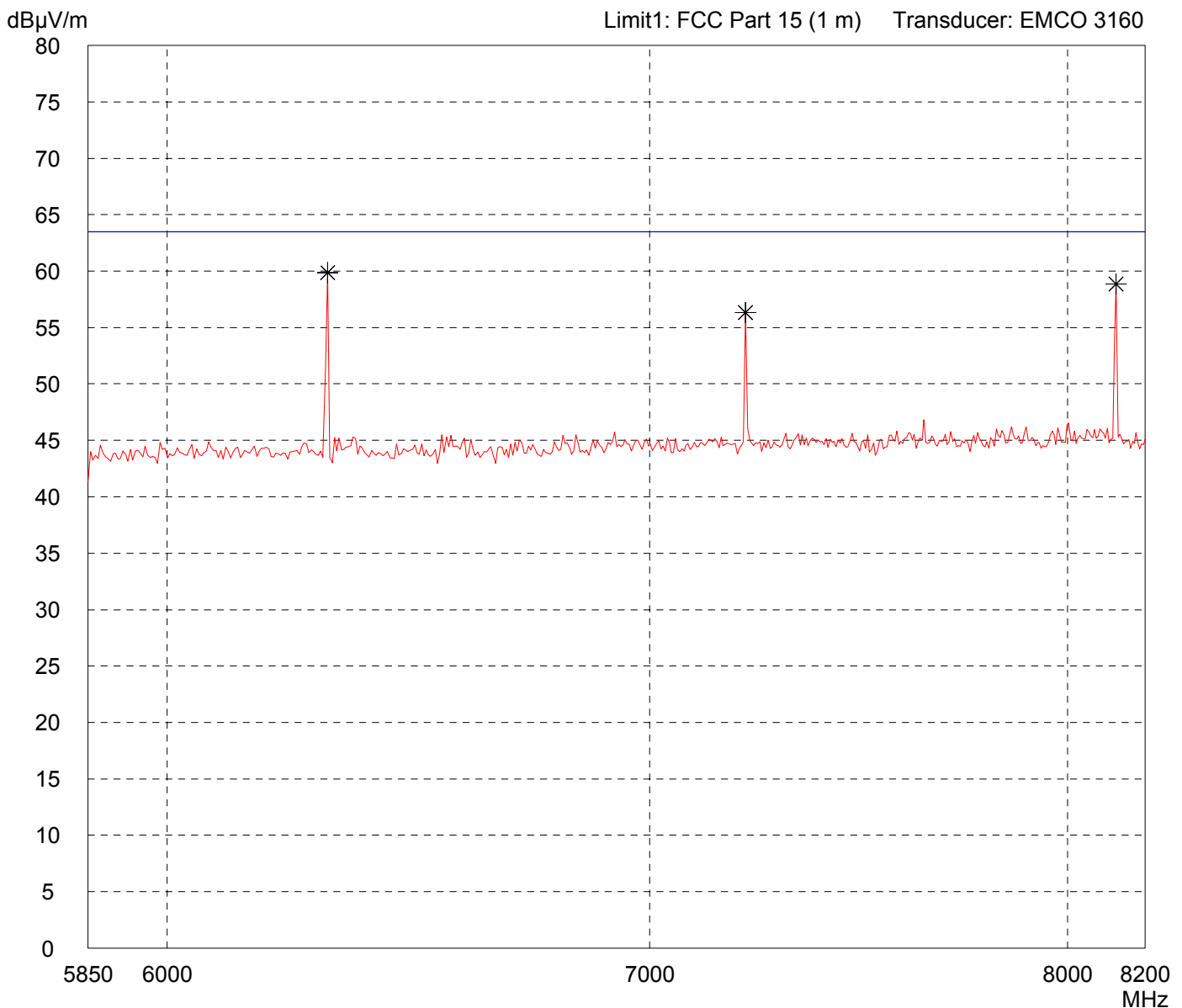


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 5.85 GHz - 8.2 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790--200M-485	Comment: - TX at 902.20MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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

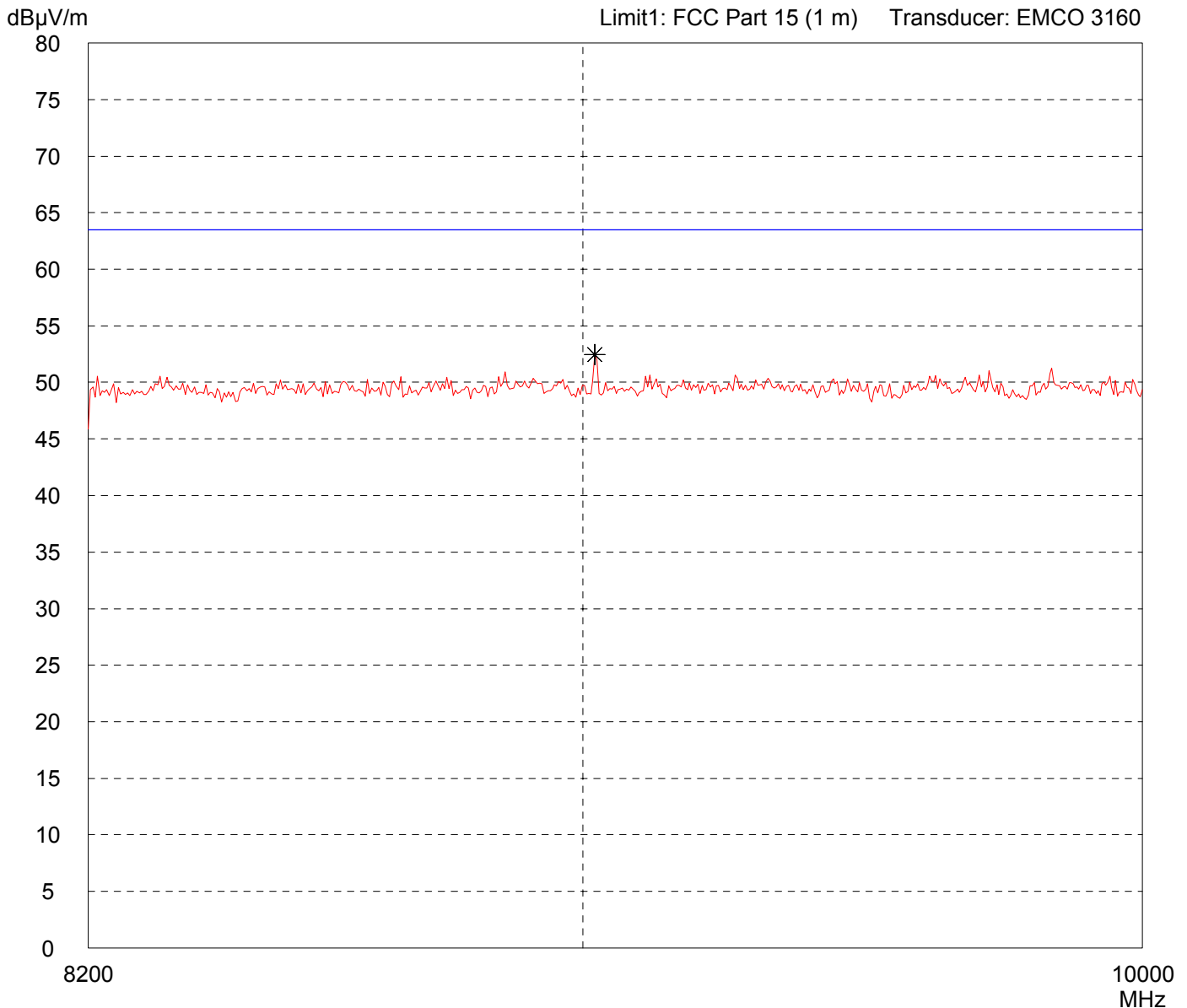


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 8.2 GHz - 10 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790--200M-485	Comment: - TX at 902.20MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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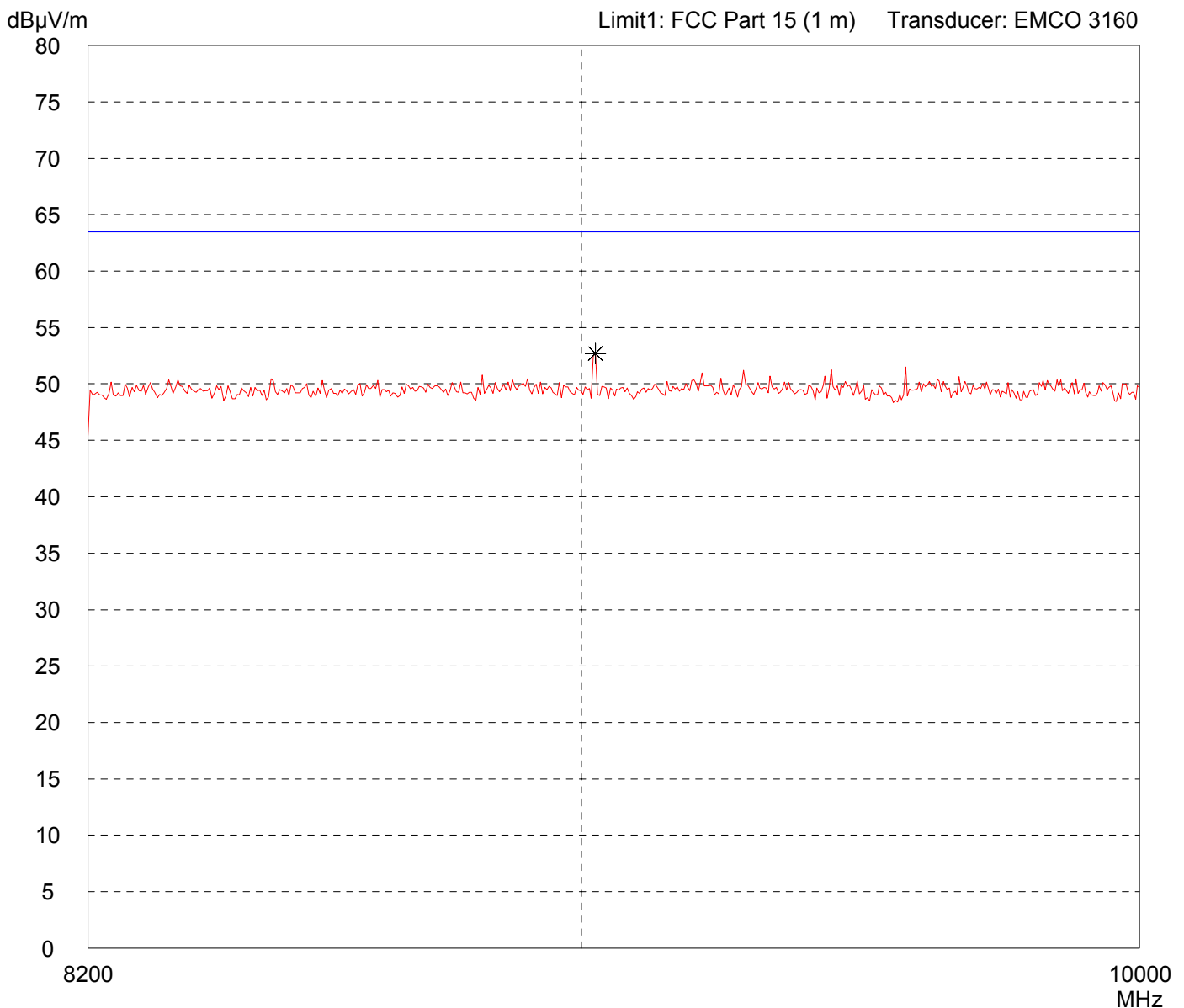


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 8.2 GHz - 10 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790--200M-485	Comment: - TX at 902.20MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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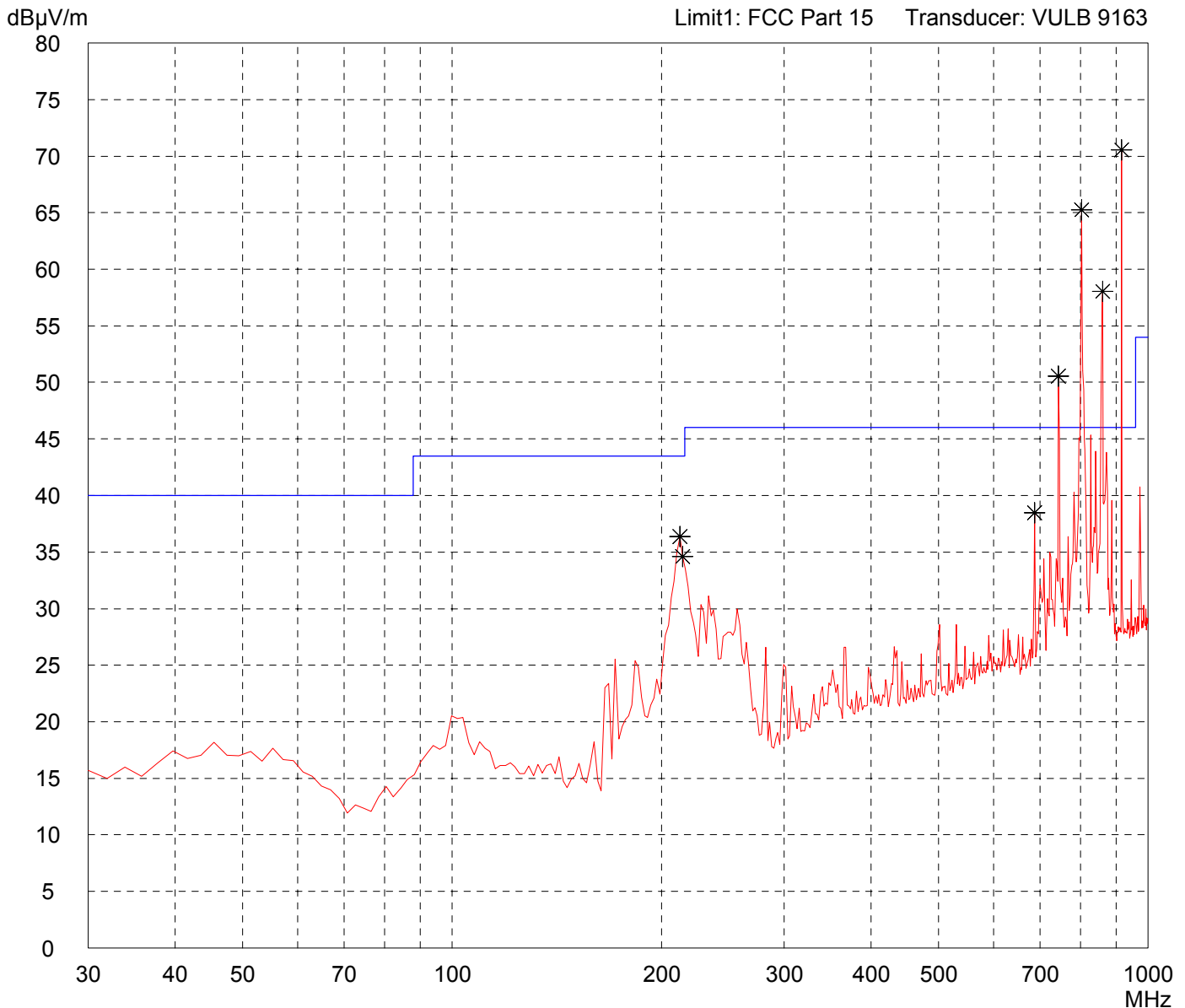


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4790-200M-485	Comment: - TX at 915.37 MHz - Antenna: Comtelco Y2283A-915-10RP - 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: 01/22/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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

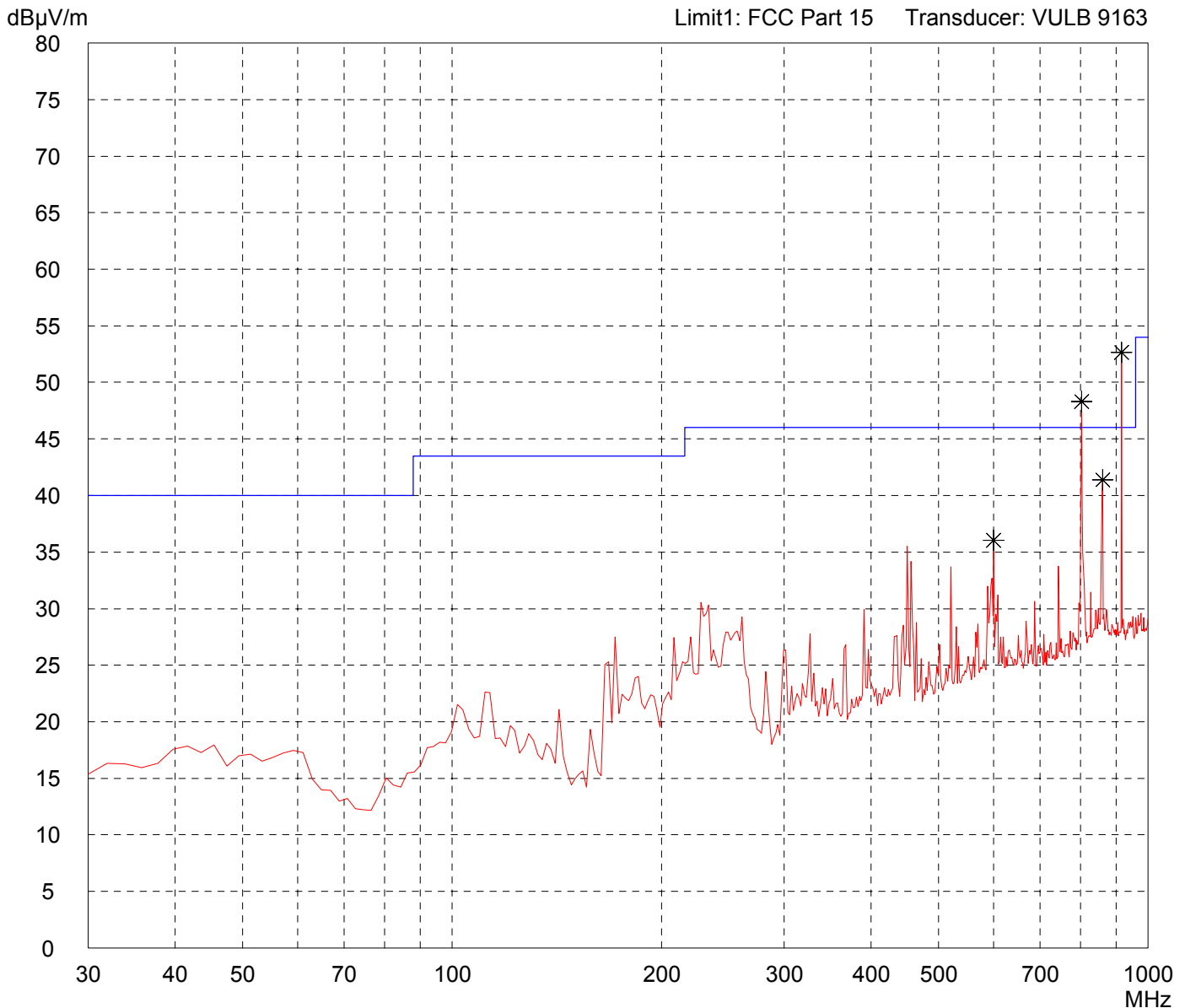


Result: Prescan	Project file: 56109-61084
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4790-200M-485	Comment: - TX at 915.37 MHz - Antenna: Comtelco Y2283A-915-10RP - 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: 01/22/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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

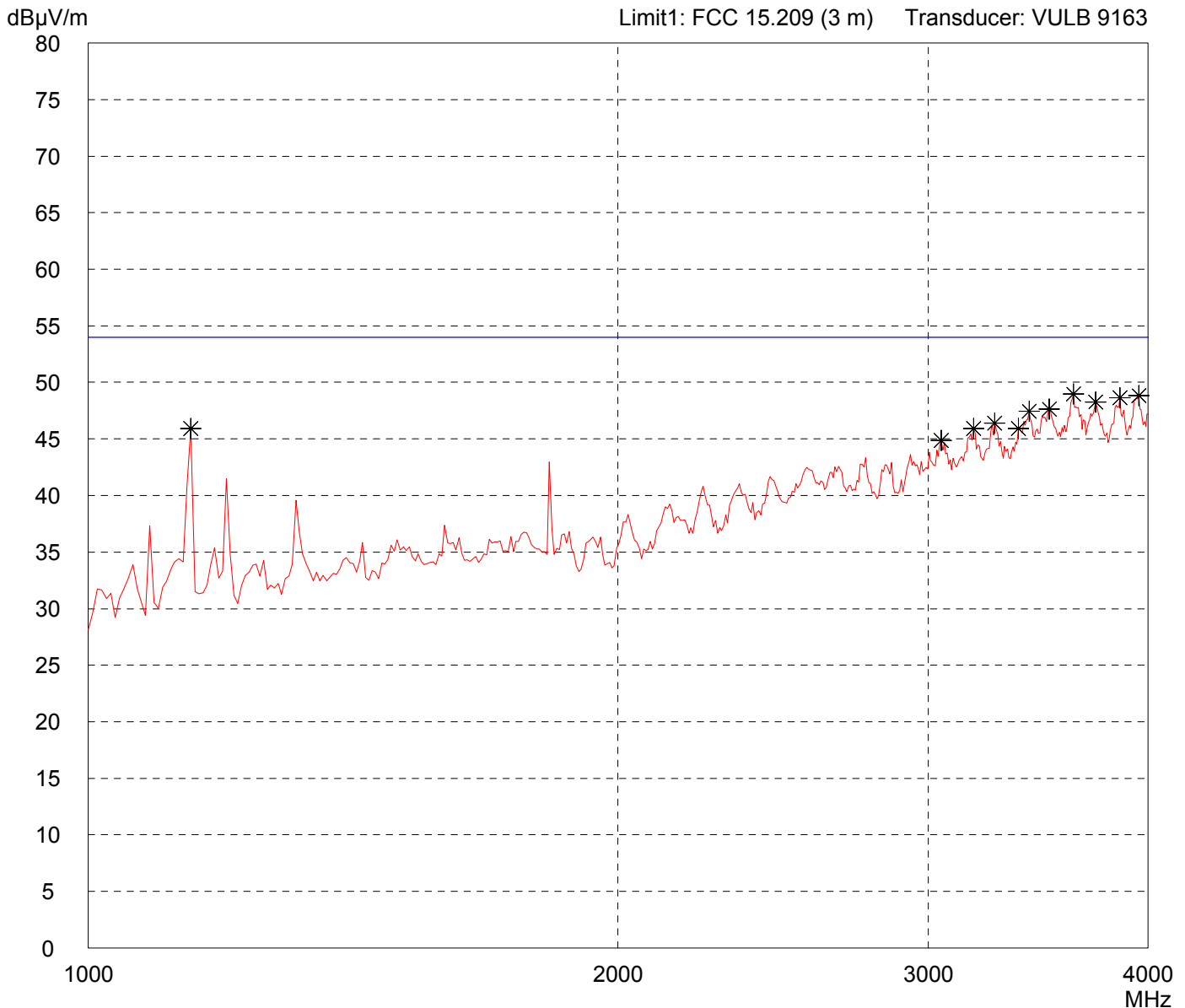


Result: Prescan	Project file: 56109-61084
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4790-200M-485	Comment: - TX Mode on Middle Channel - Antenna: Comtelco Y2283 - 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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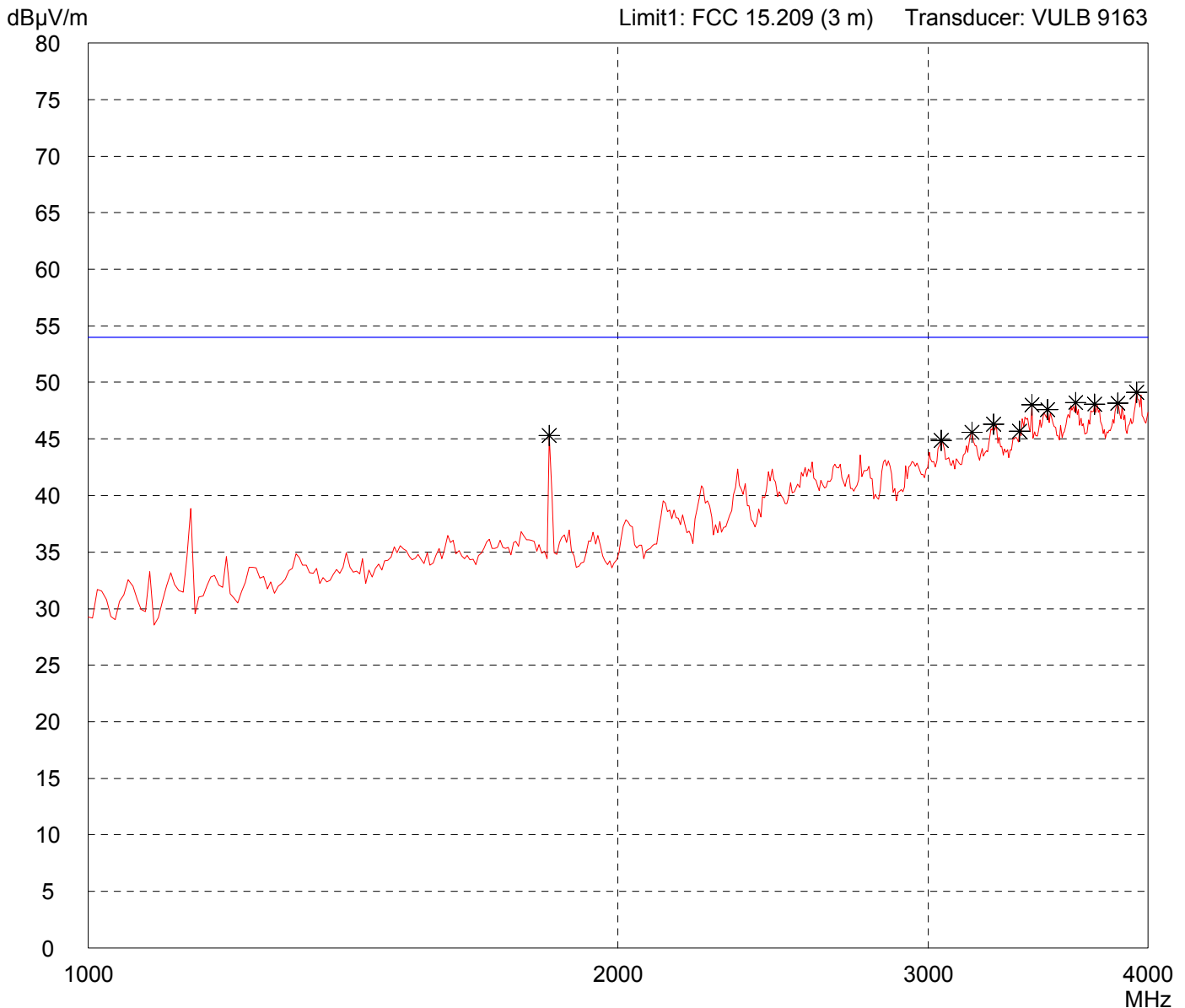


Result: Pass	Project file: 56109-61084-1
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4790-200M-485	Comment: - TX Mode on Middle Channel - Antenna: Comtelco Y2283 - 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

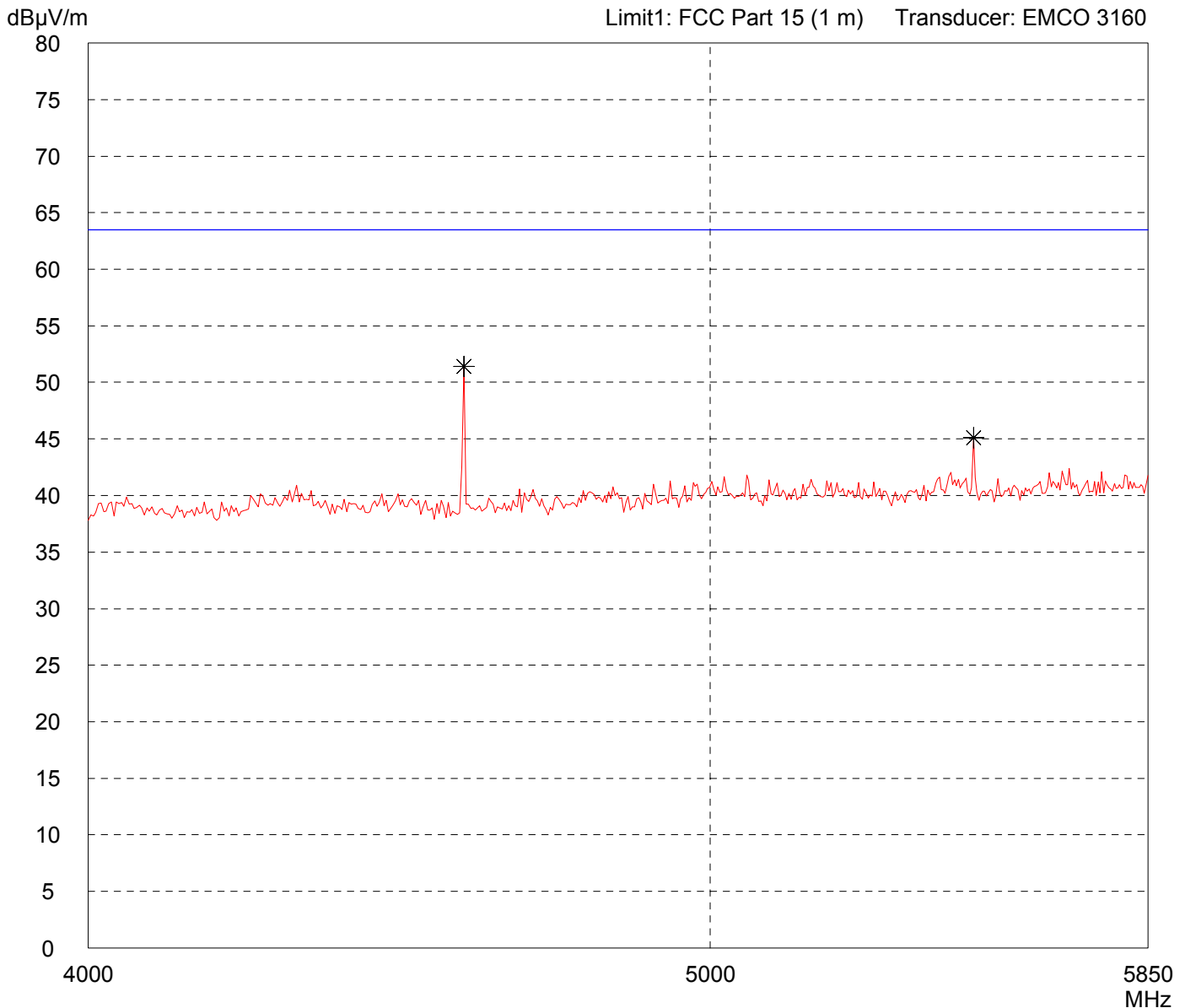


Result: Pass	Project file: 56109-61084-1
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Radiated Emission Test 4 GHz - 5.85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 915.38MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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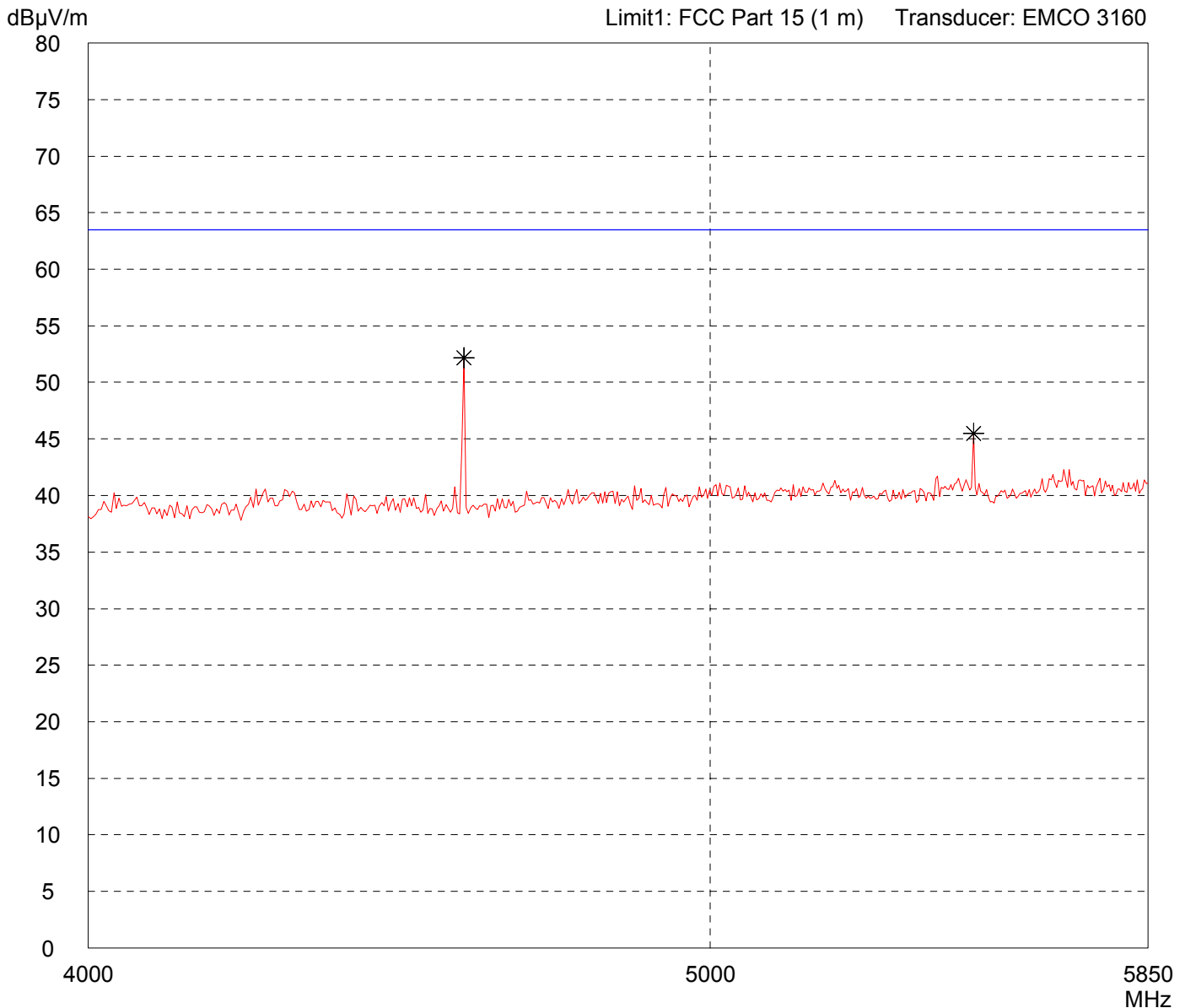


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 4 GHz - 5.85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 915.38MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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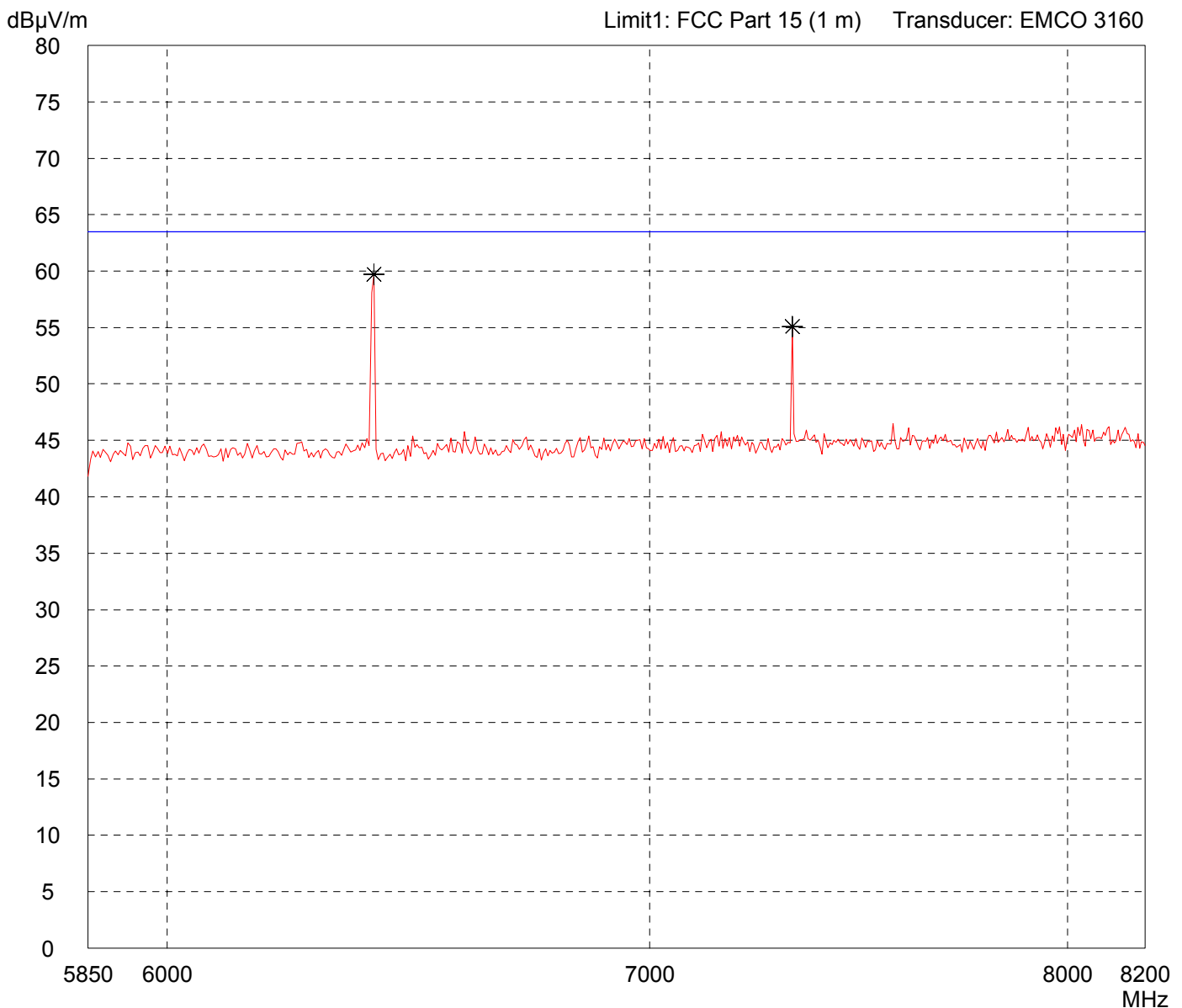


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 5.85 GHz - 8.2 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 915.38MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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

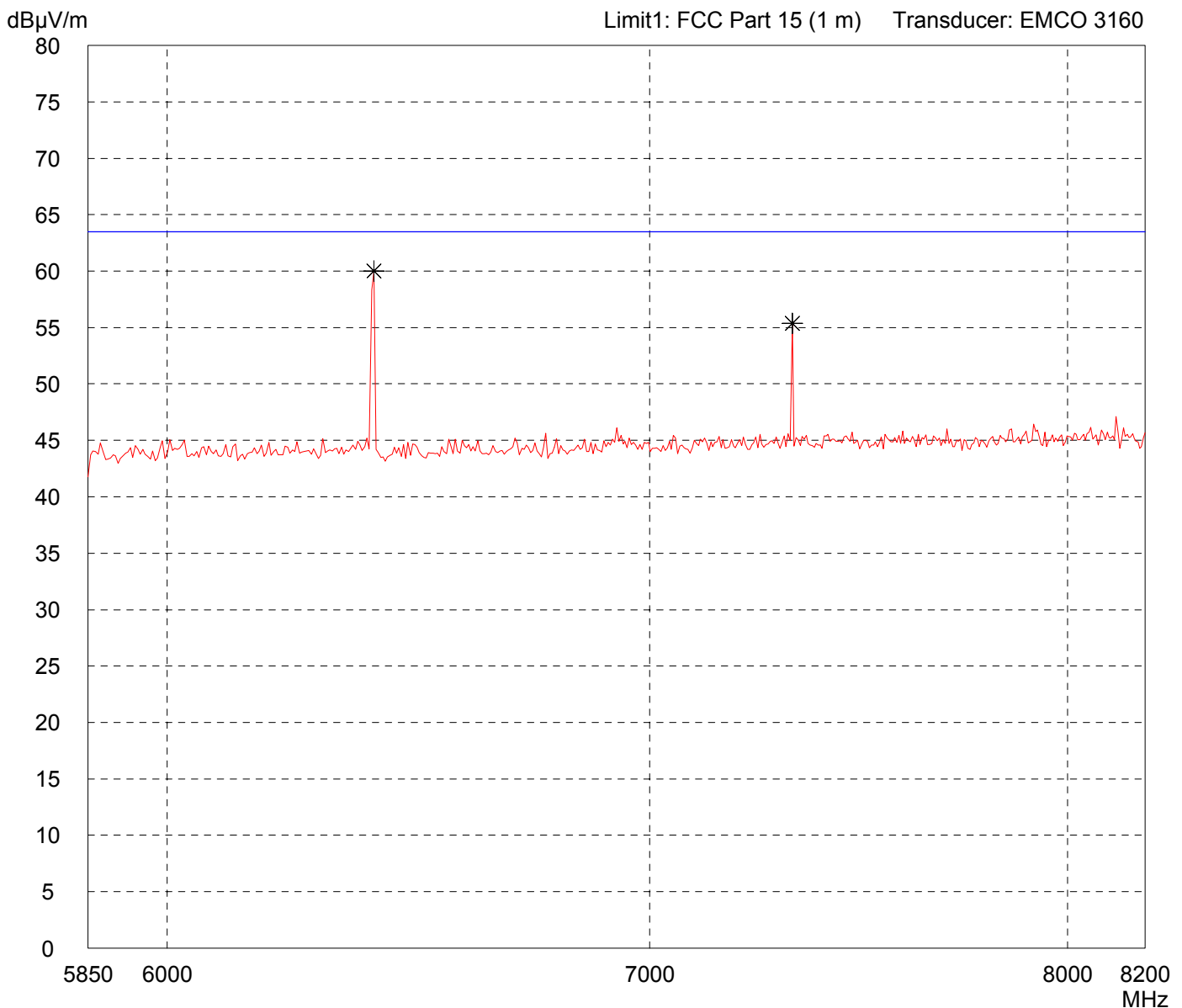


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 5.85 GHz - 8.2 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 915.38MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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

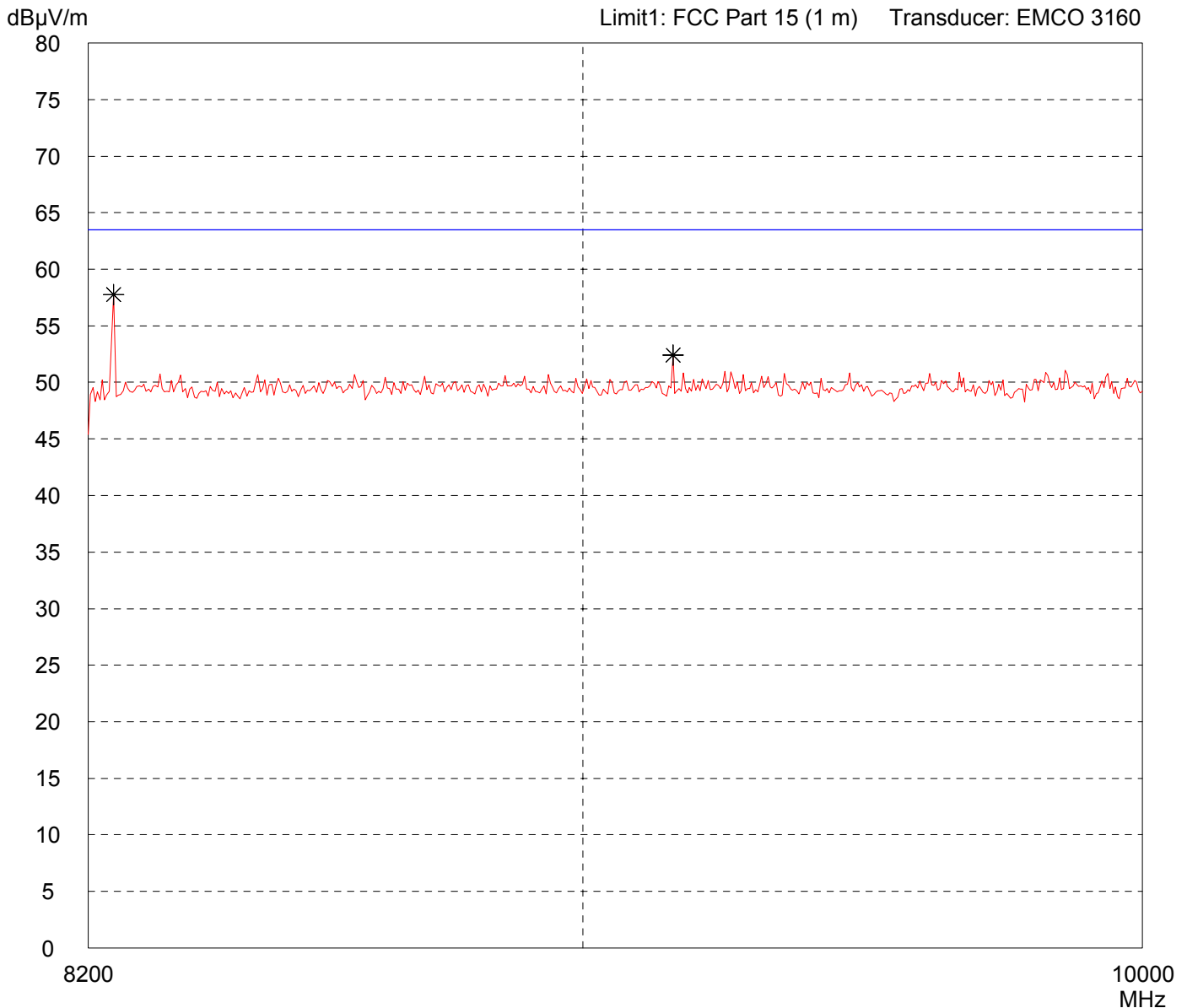


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 8.2 GHz - 10 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 915.38MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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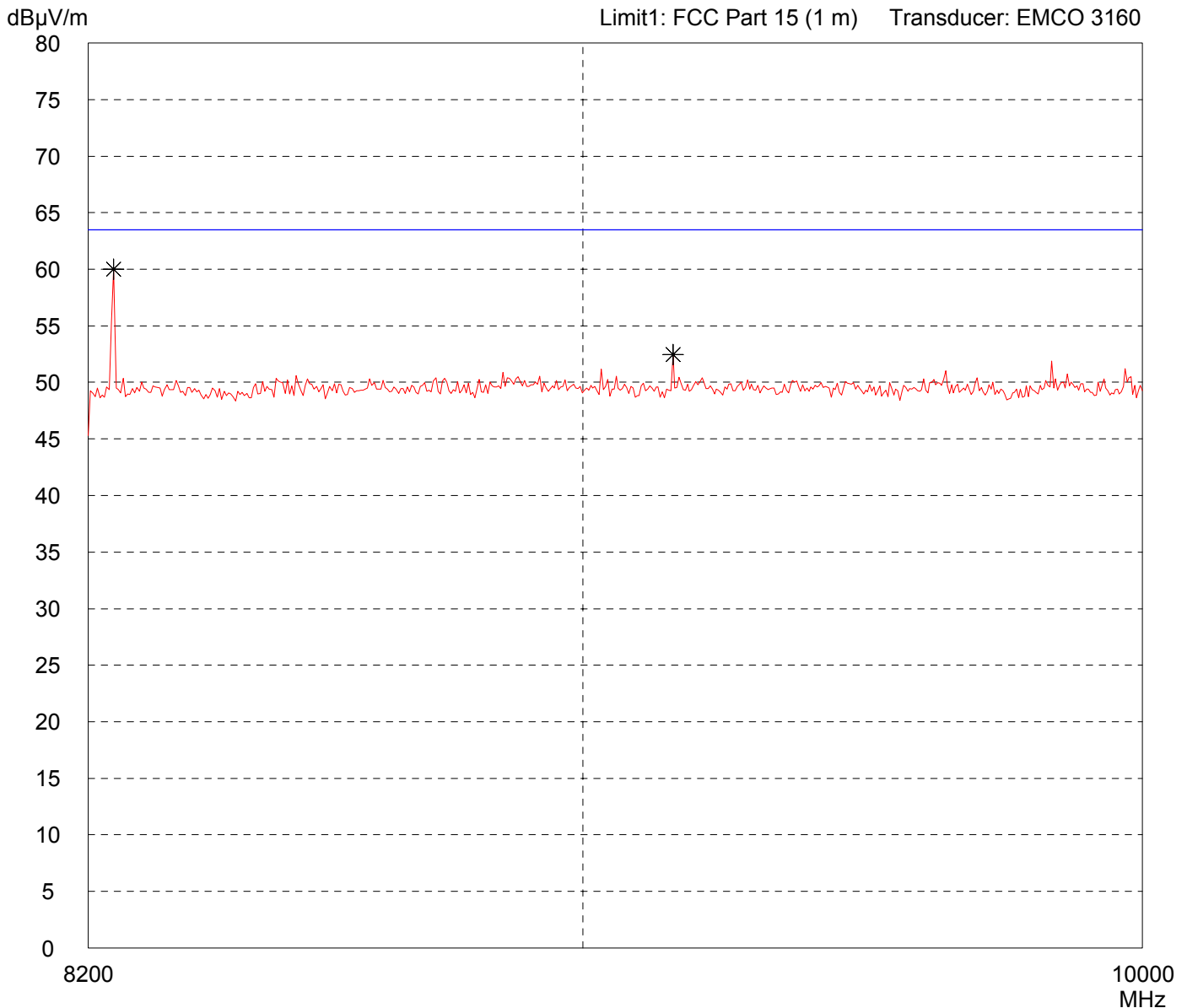


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 8.2 GHz - 10 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 915.38MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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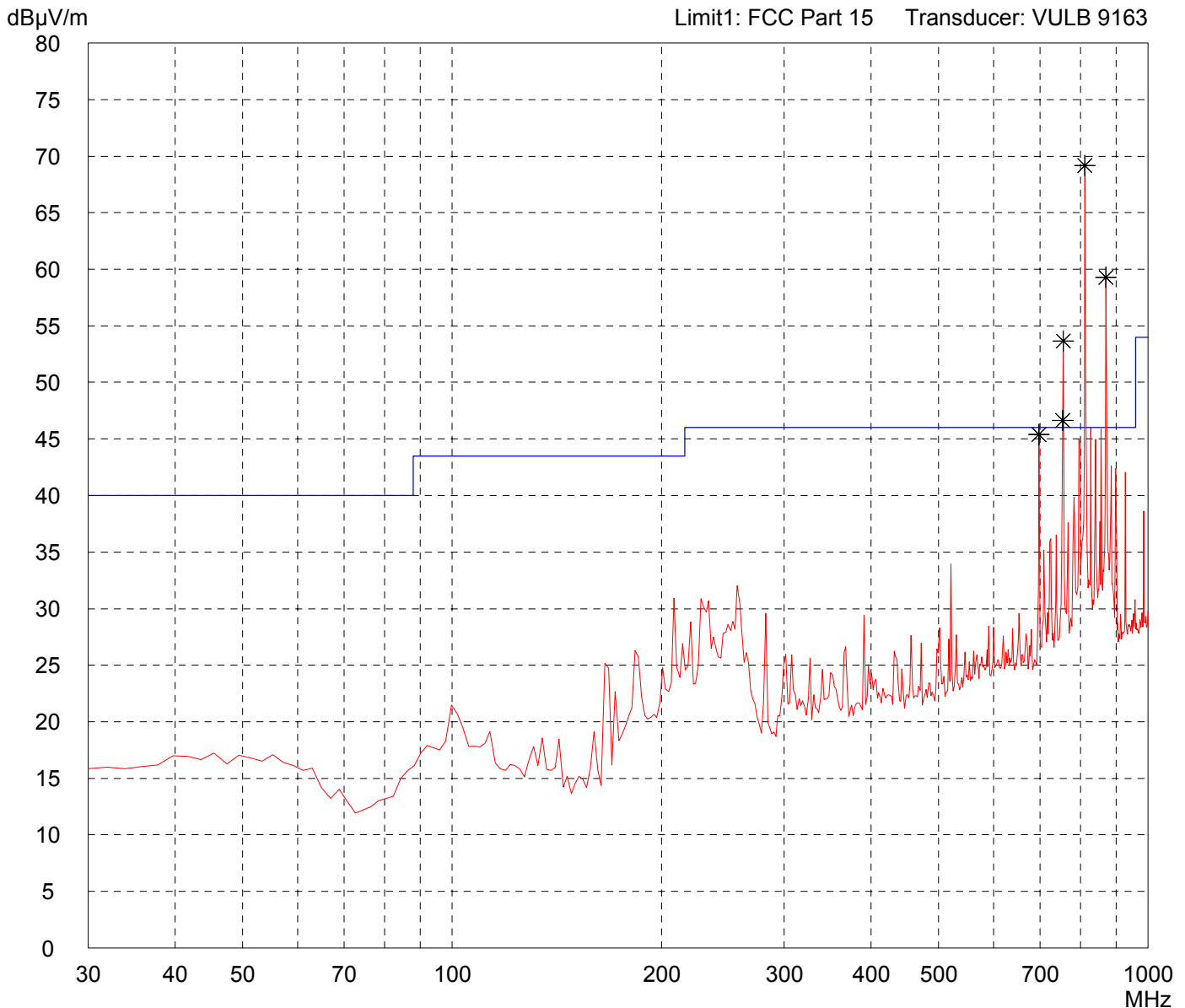


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4790-200M-485	Comment: - TX at 927.5 MHz - Antenna: Comtelco Y2283A-915-10RP - 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: 01/22/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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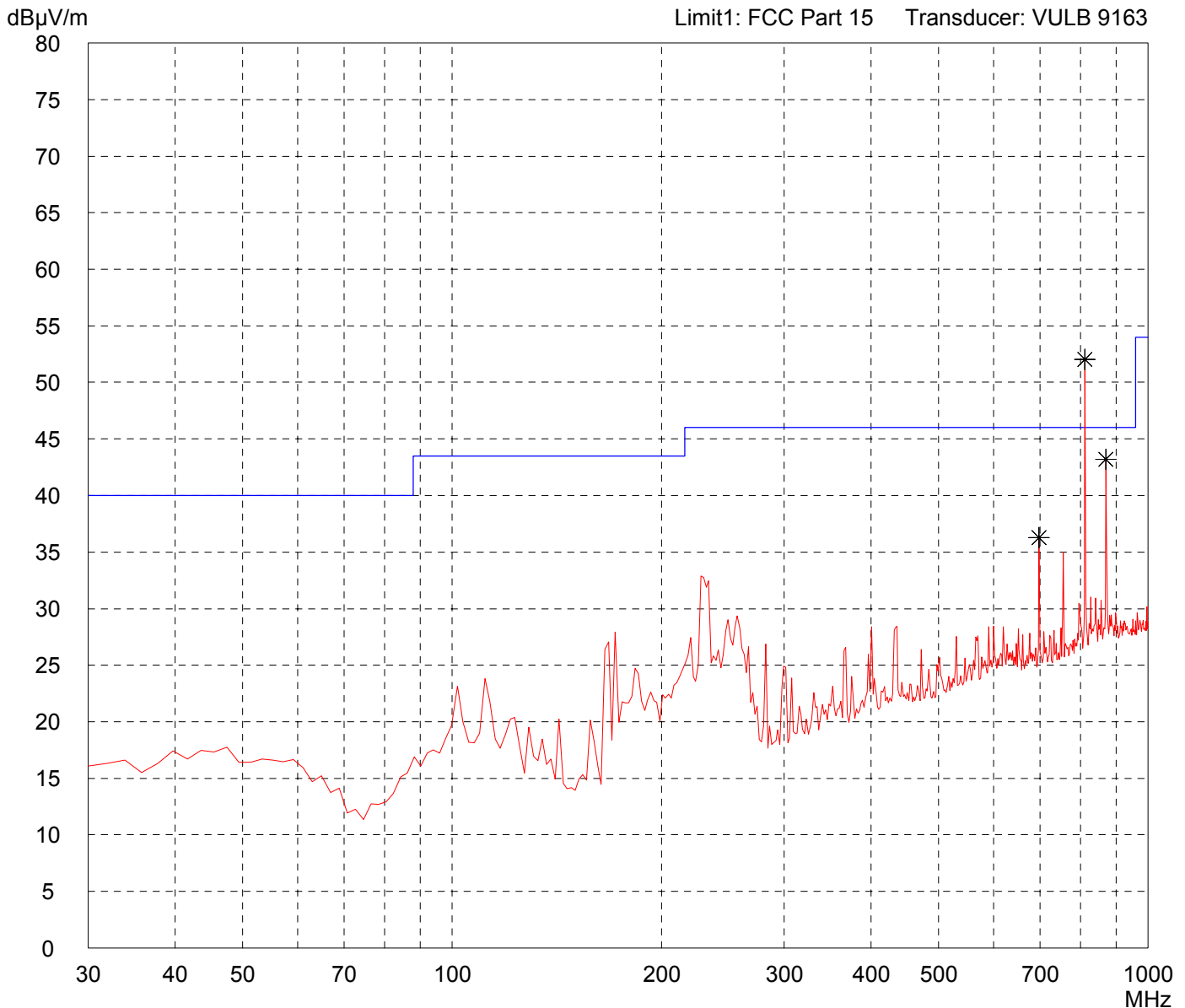


Result: Prescan	Project file: 56109-61084
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4790-200M-485	Comment: - TX at 927.5 MHz - Antenna: Comtelco Y2283A-915-10RP - 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: 01/22/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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

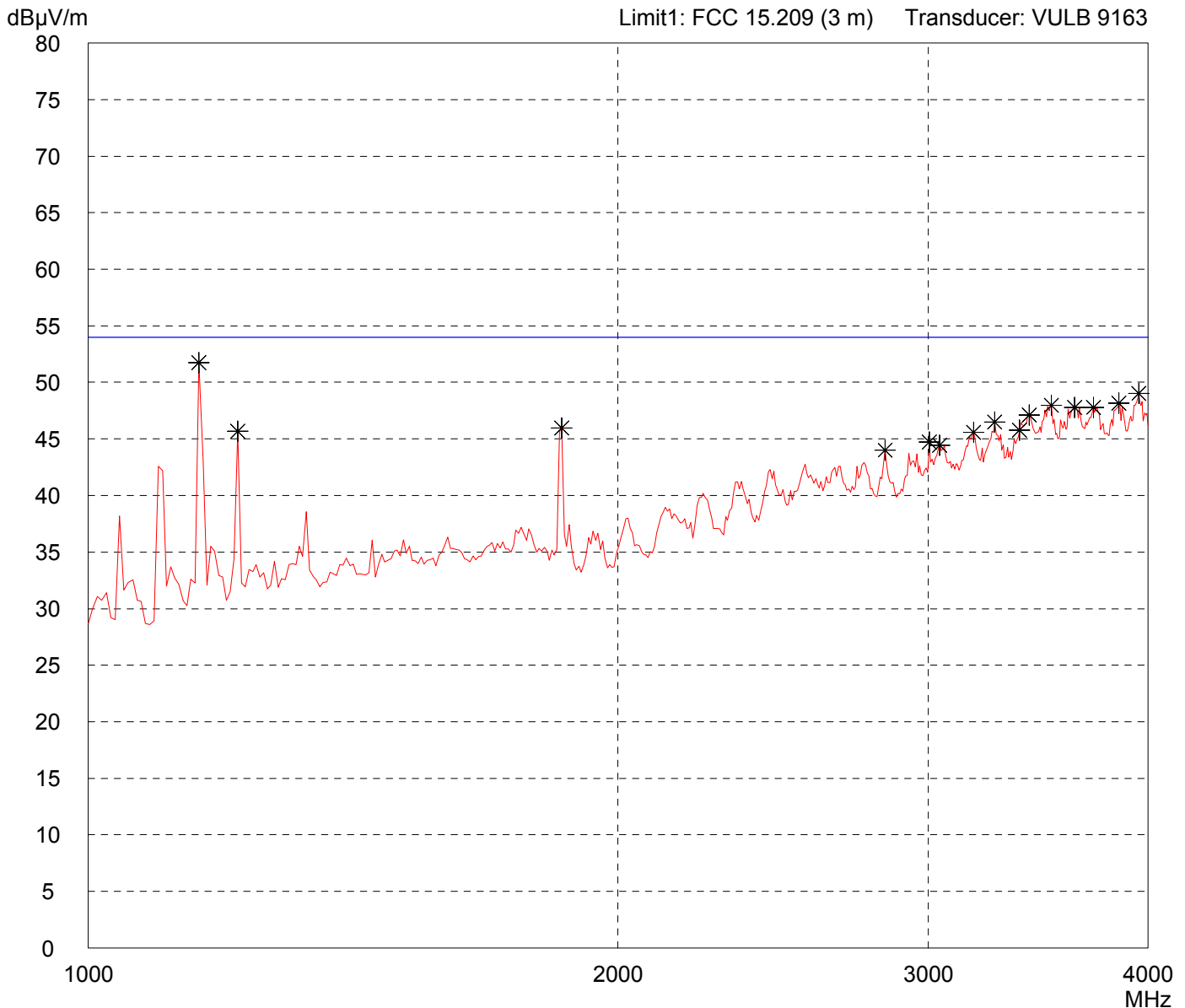


Result: Prescan	Project file: 56109-61084
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4790-200M-485	Comment: - TX Mode on High Channel - Antenna: Comtelco Y2283 - 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

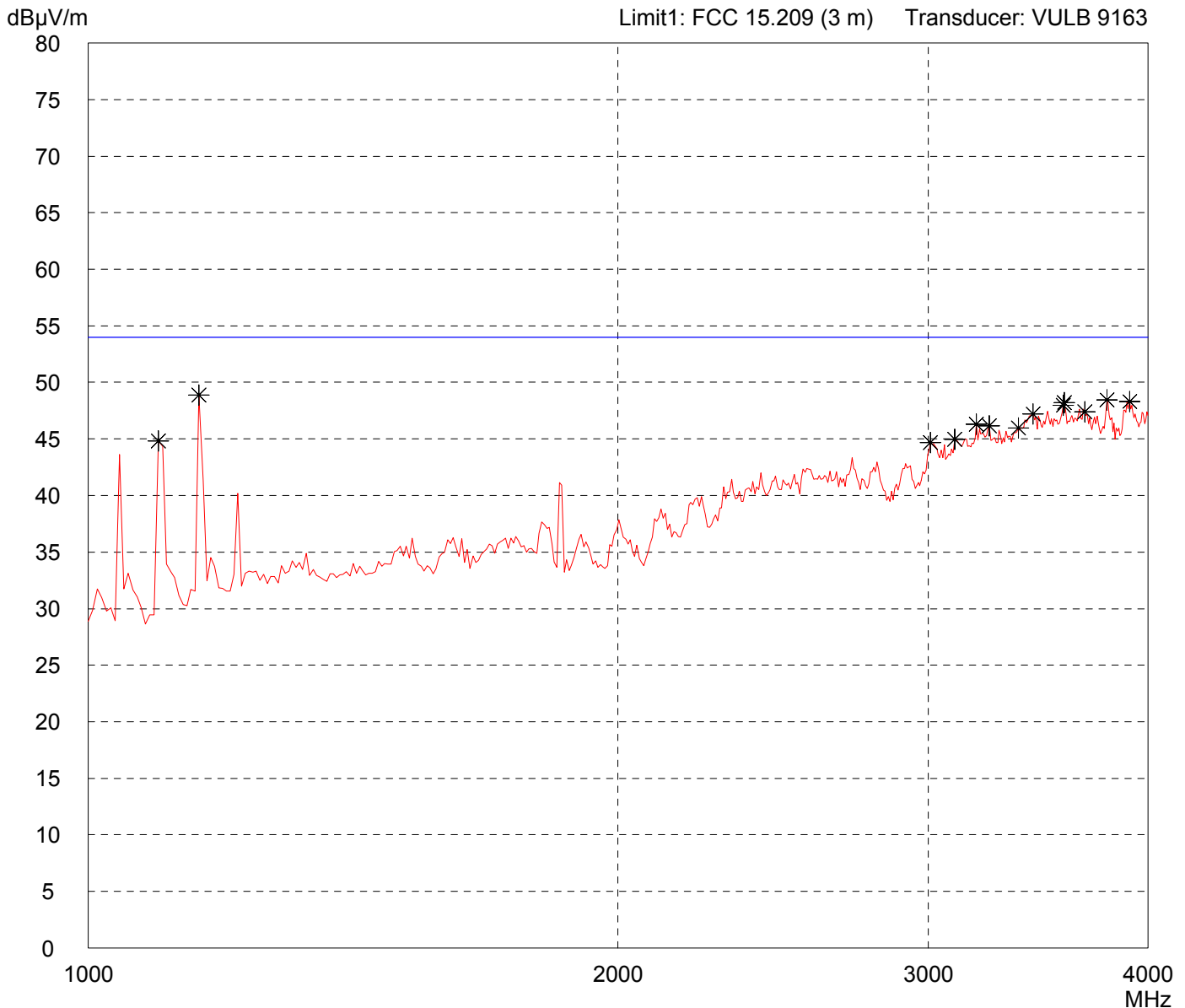


Result: Pass	Project file: 56109-61084-1
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 Subpart C (FAR)

Model: AC-4790-200M-485	Comment: - TX Mode on High Channel - Antenna: Comtelco Y2283 - 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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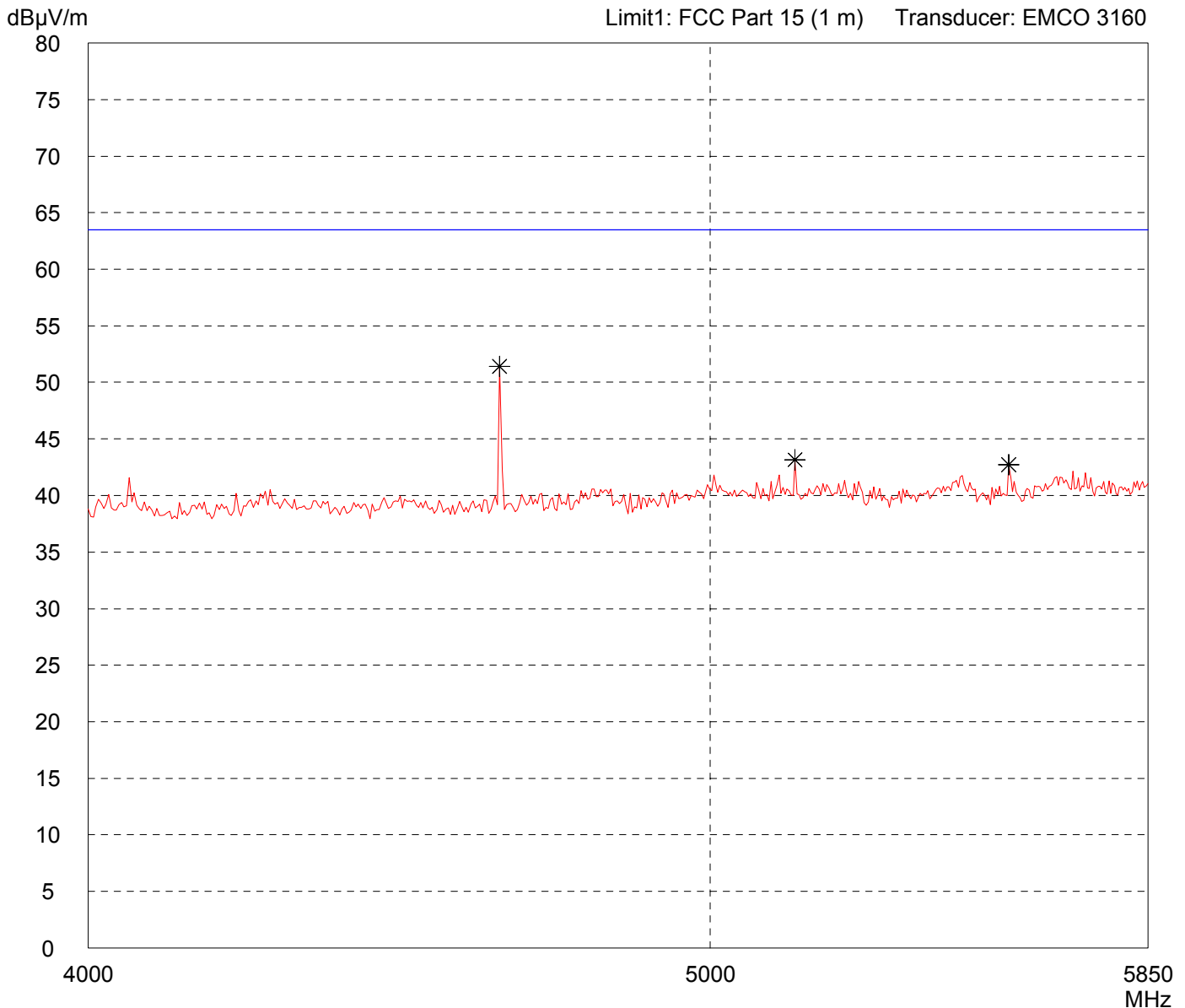


Result: Pass	Project file: 56109-61084-1 Page of Pages
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Radiated Emission Test 4 GHz - 5.85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 927.5MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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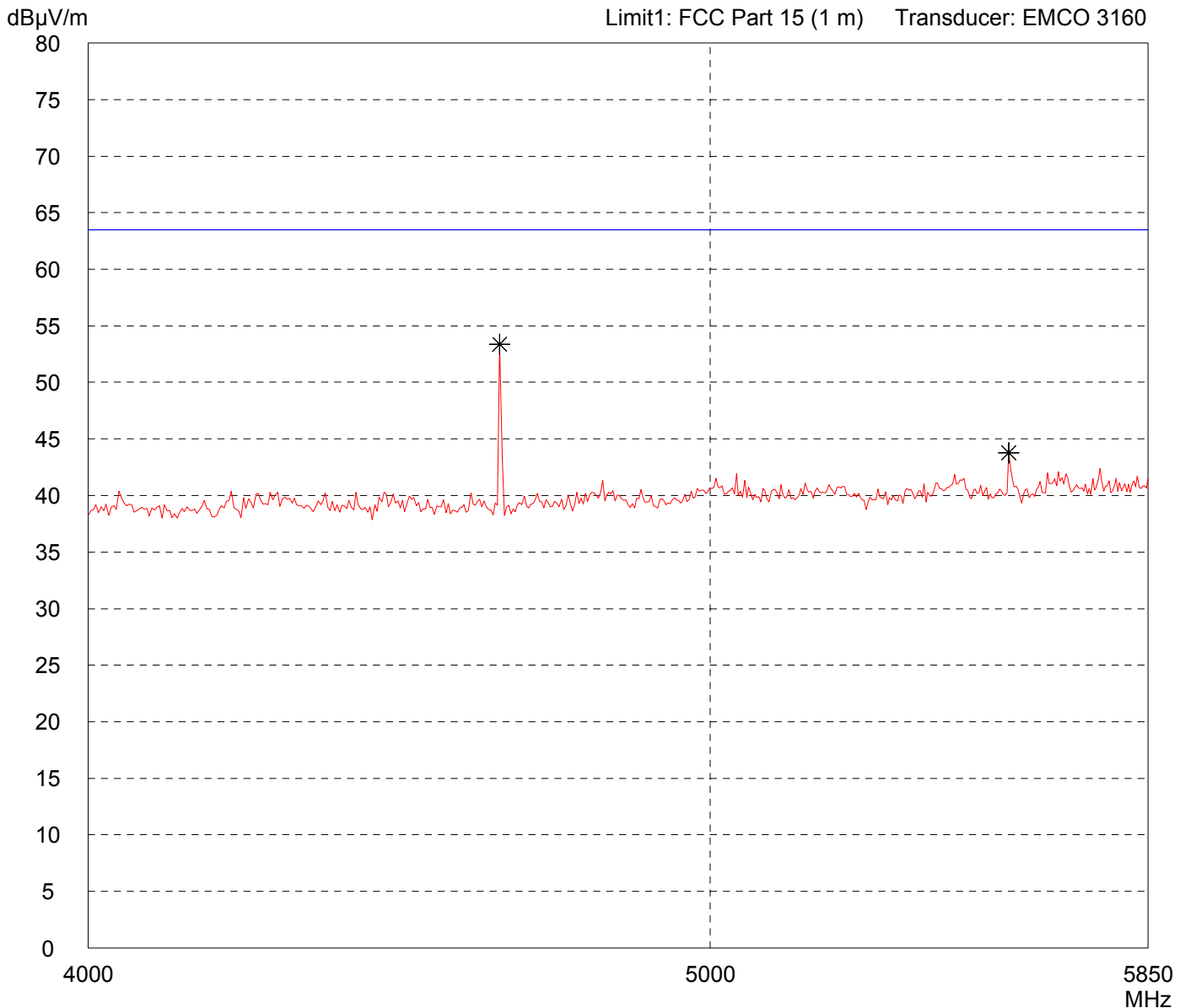


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 4 GHz - 5.85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 927.5MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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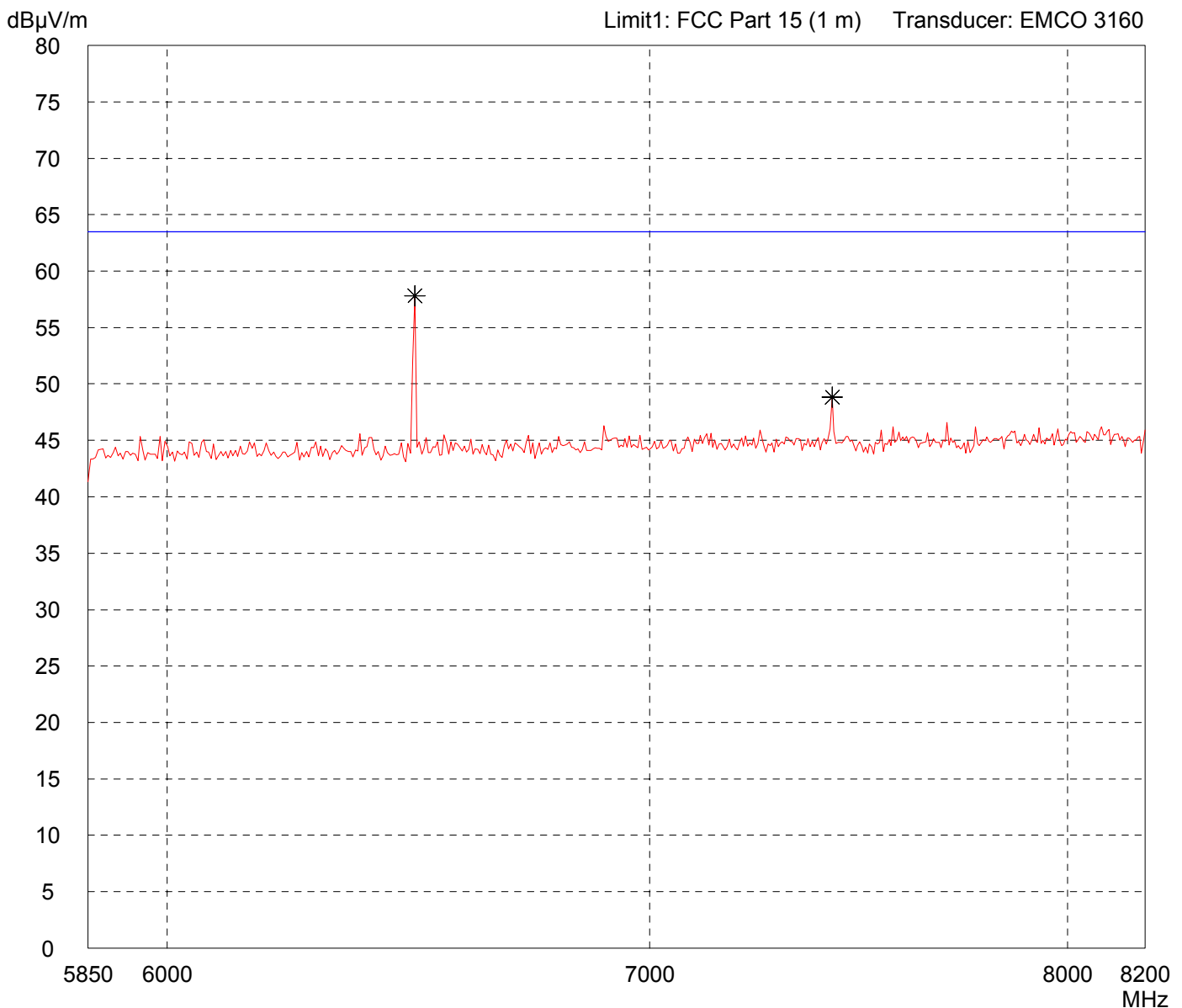


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 5.85 GHz - 8.2 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 927.5MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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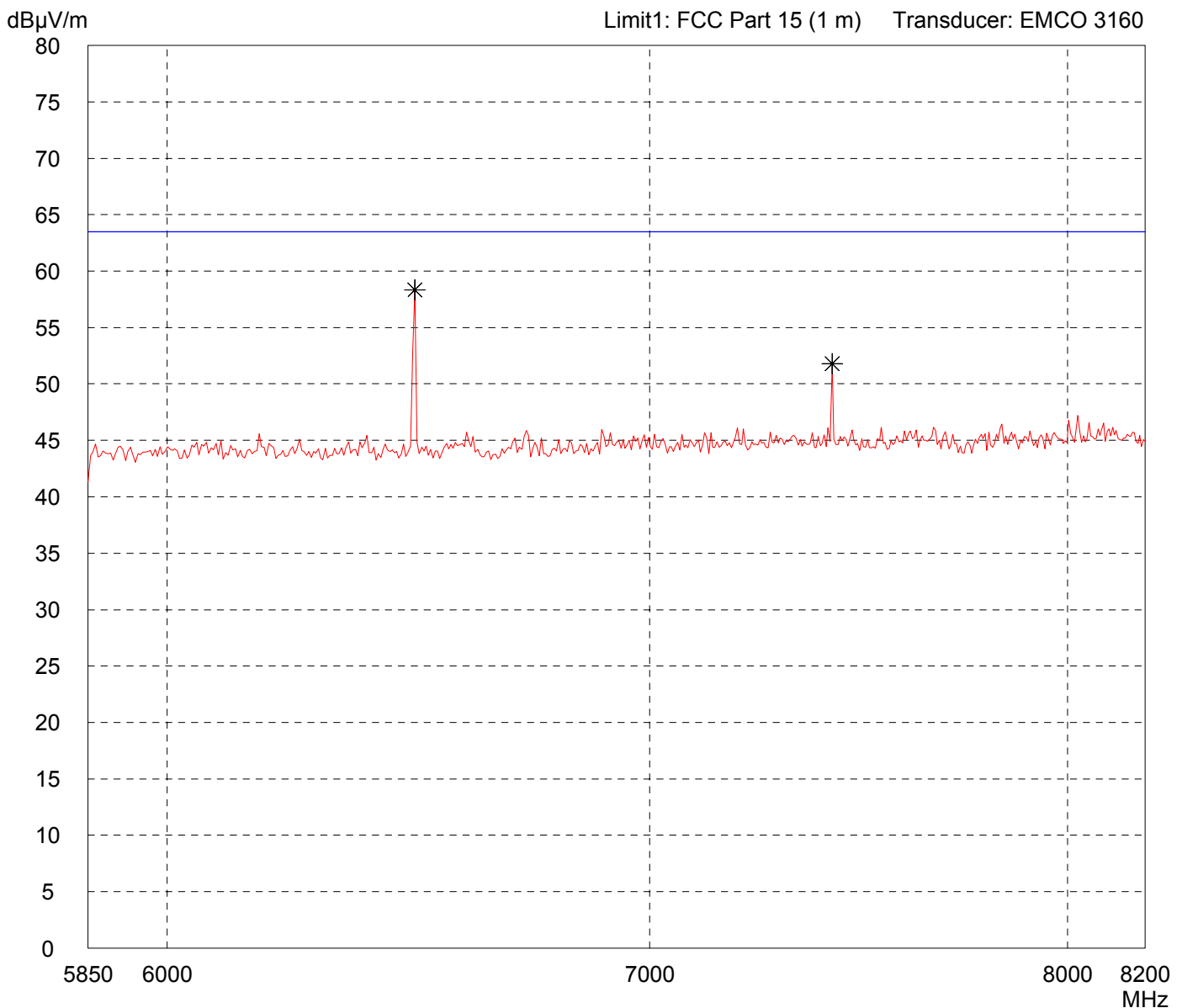


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 5.85 GHz - 8.2 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 927.5MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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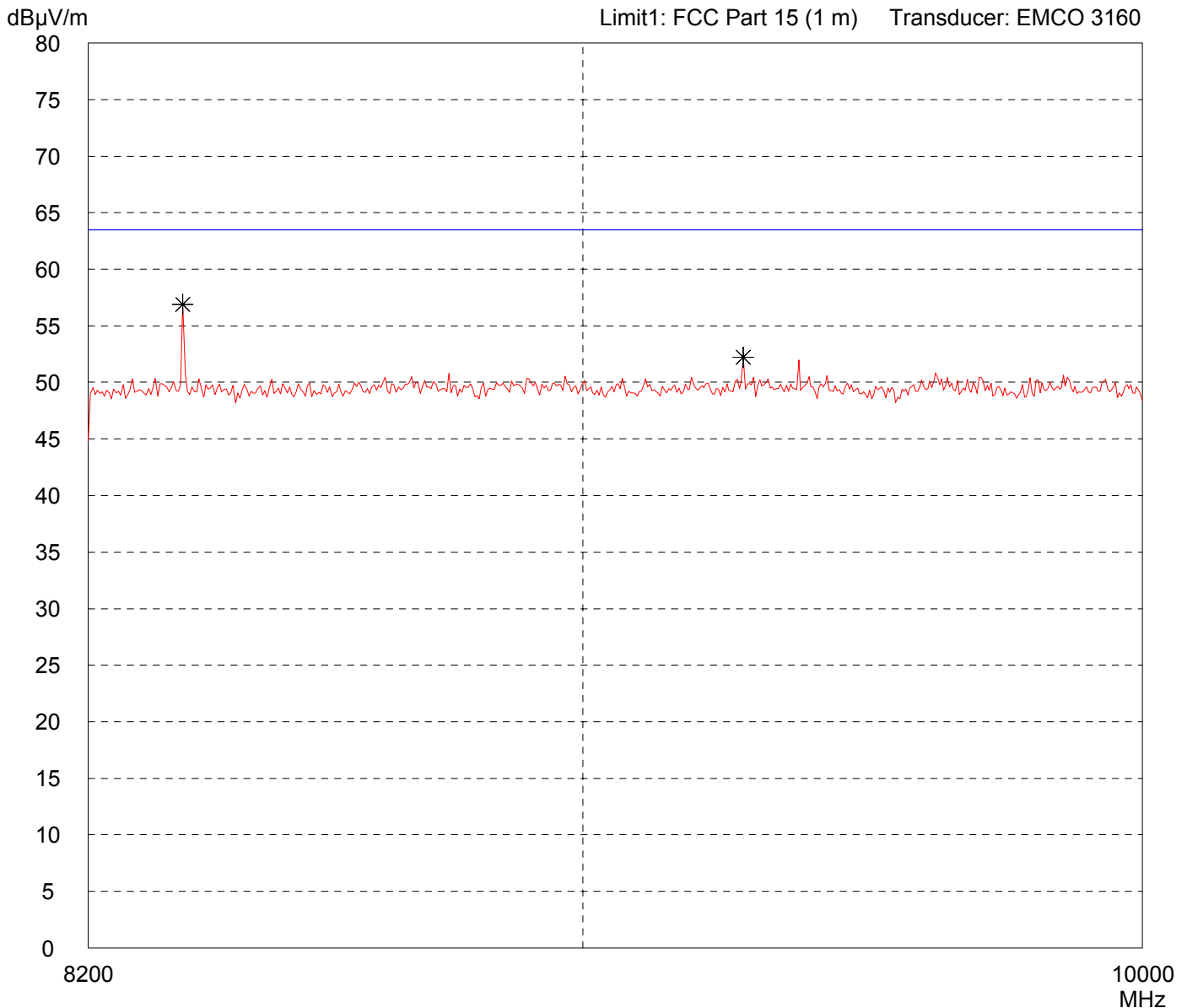


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 8.2 GHz - 10 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - TX at 927.50MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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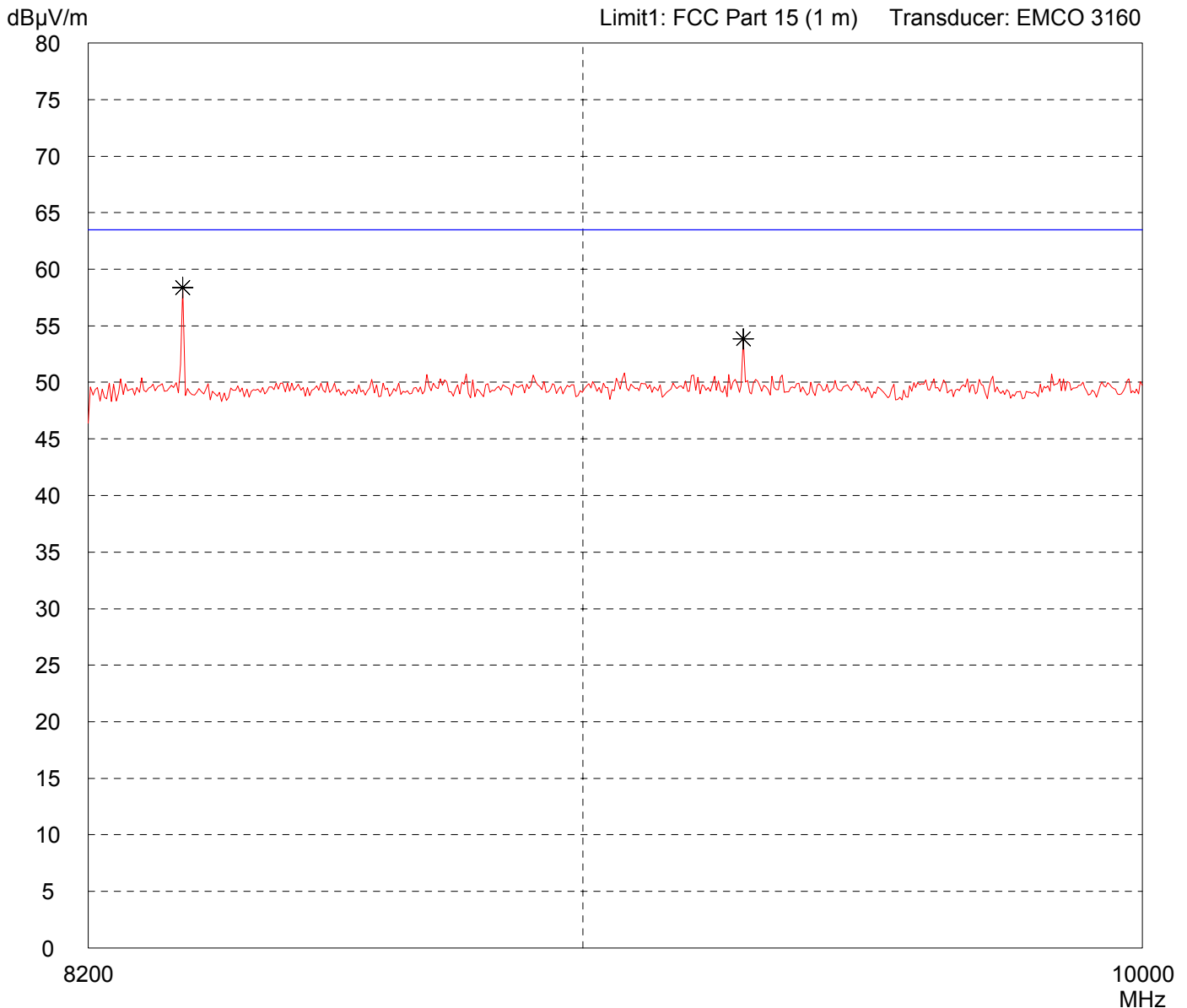


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 8.2 GHz - 10 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485		Comment: - TX at 927.50MHz - Antenna: Comtelco Y2283A-915-10RP	
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: 01/23/2007	Operator: J. Roidt		
Test performed: automatically	File name: default.emi		

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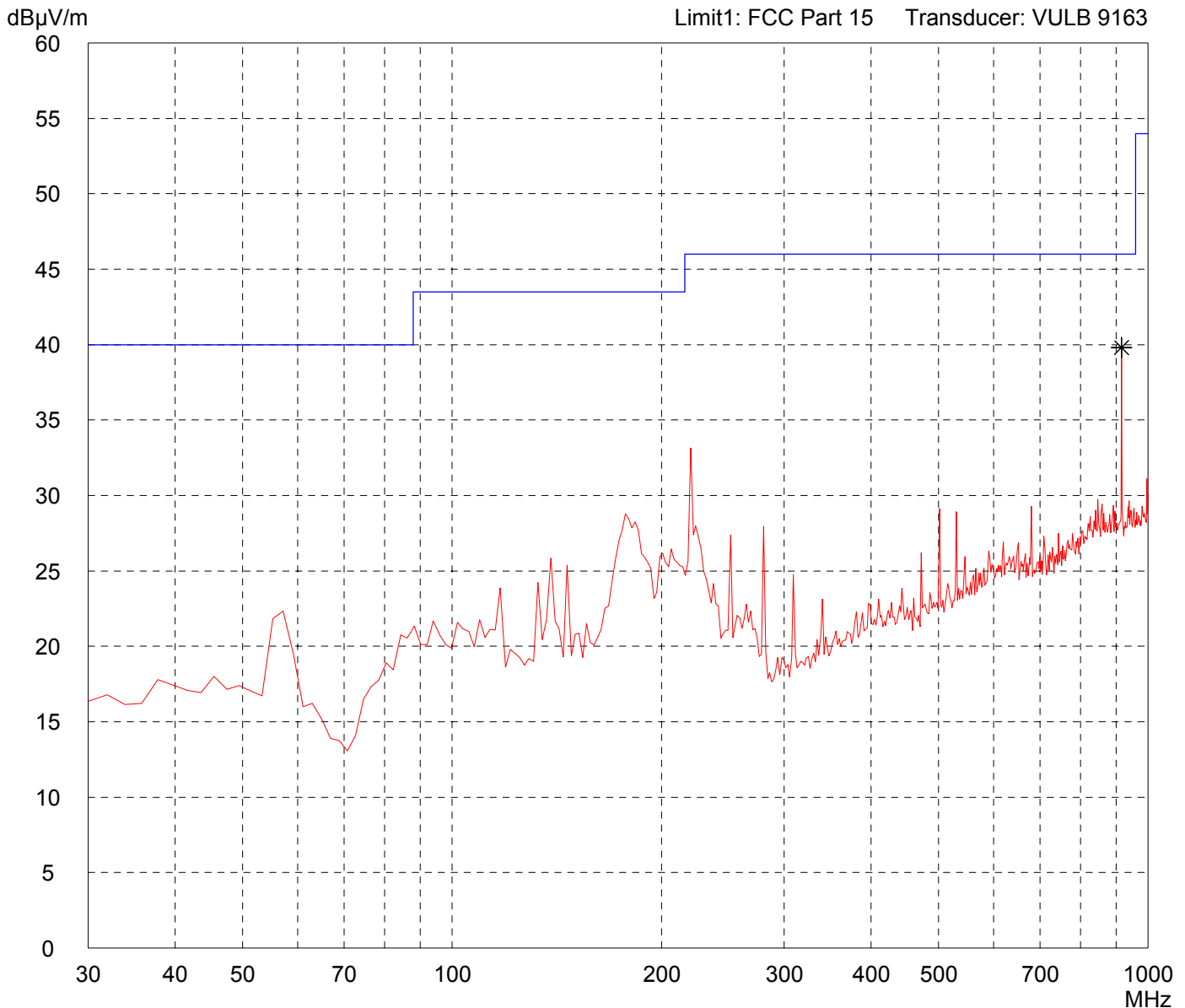


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4790-200M-485	Comment: - RX at 915.38 MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/22/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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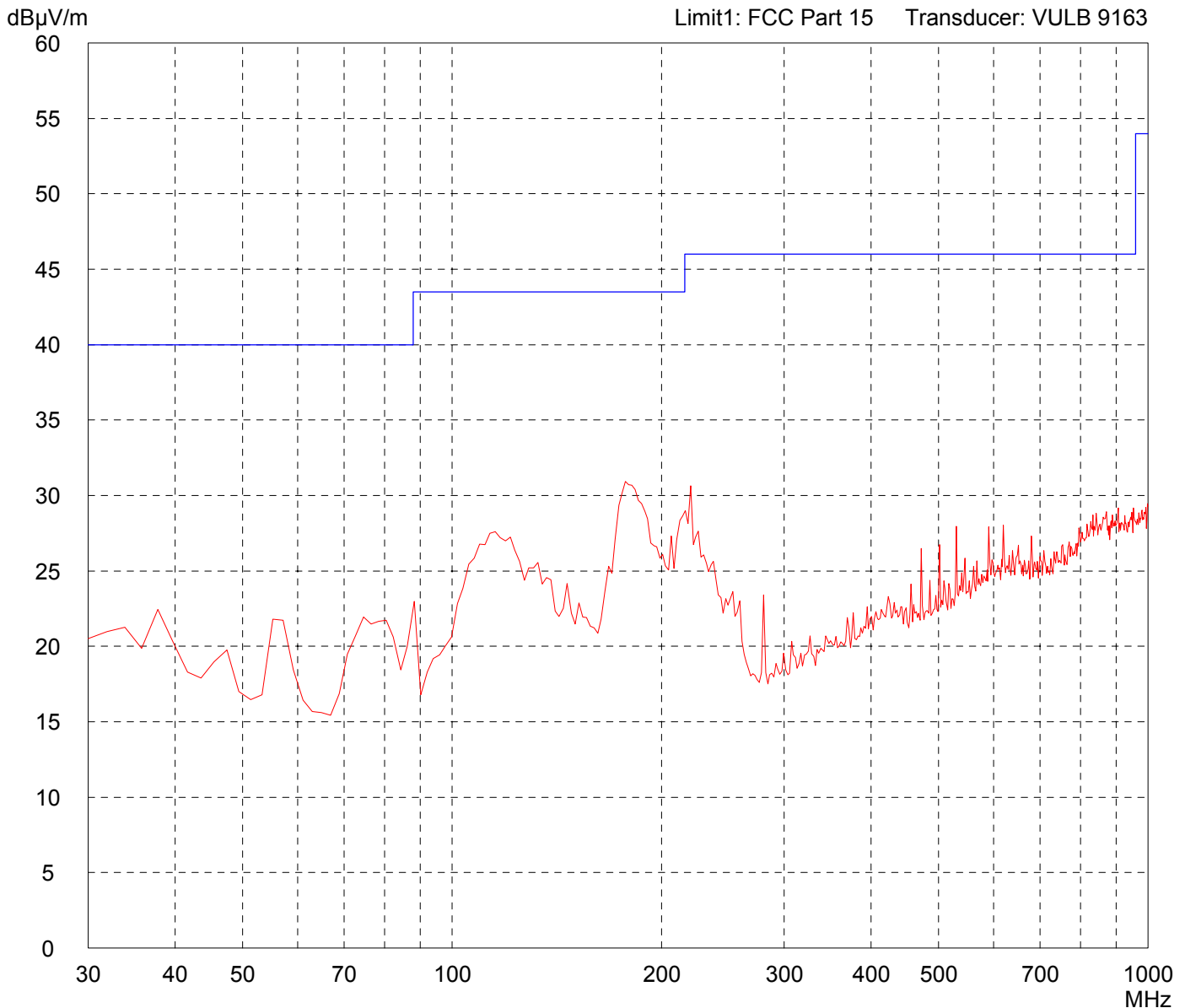


Result: Prescan	Project file: 56109-61084
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Radiated Emission Test 30 MHz - 1 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

Model: AC4790-200M-485	Comment: - RX at 915.38 MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/22/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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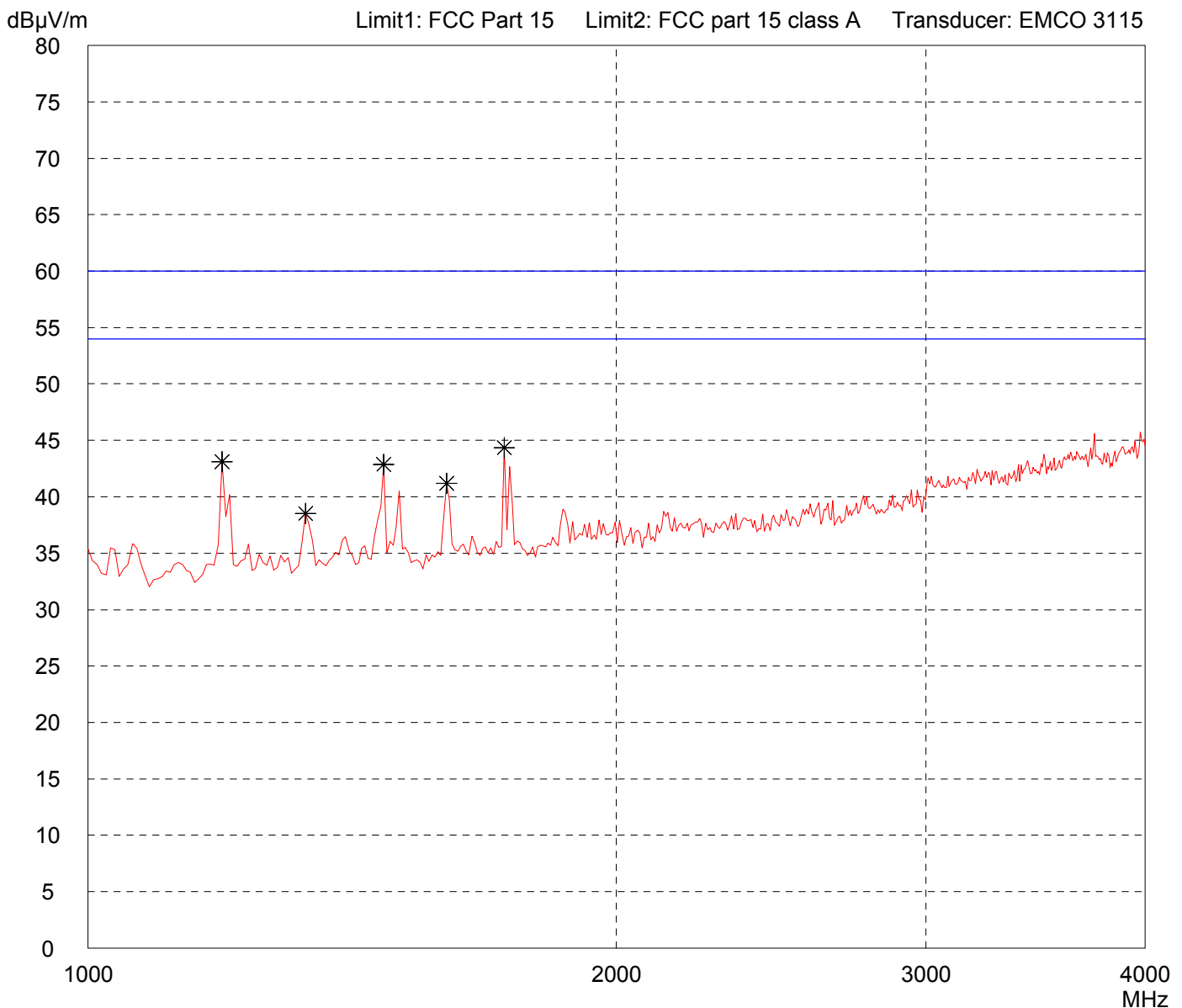


Result: Prescan	Project file: 56109-61084
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 (EMCO 3115)

Model: AC4790-200M-485	Comment: - RX at 915.38 MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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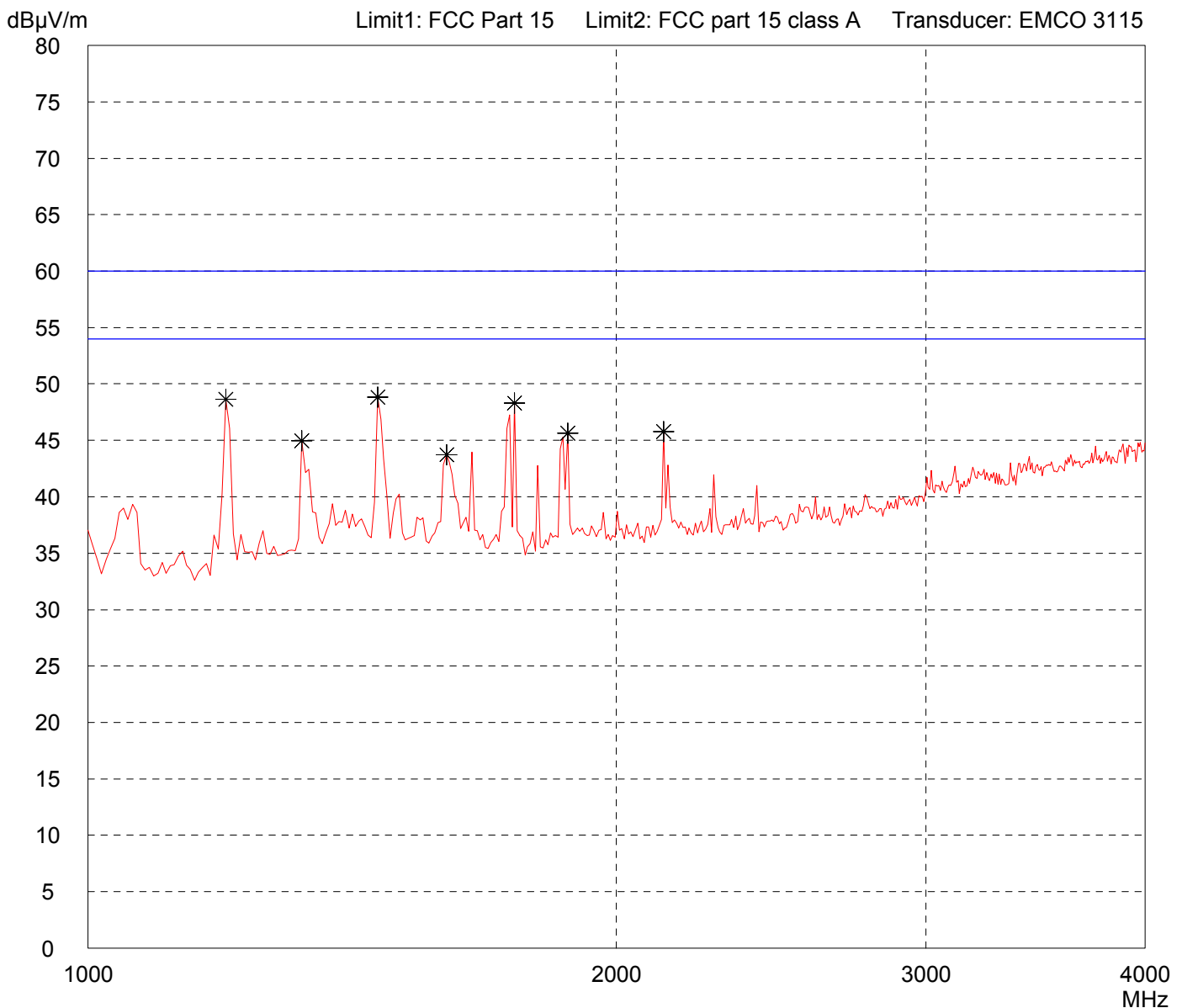


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 1 GHz - 4 GHz acc. to FCC Part 15 (EMCO 3115)

Model: AC4790-200M-485	Comment: - RX at 915.38 MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

Detector: Peak	List of values: Selected by hand
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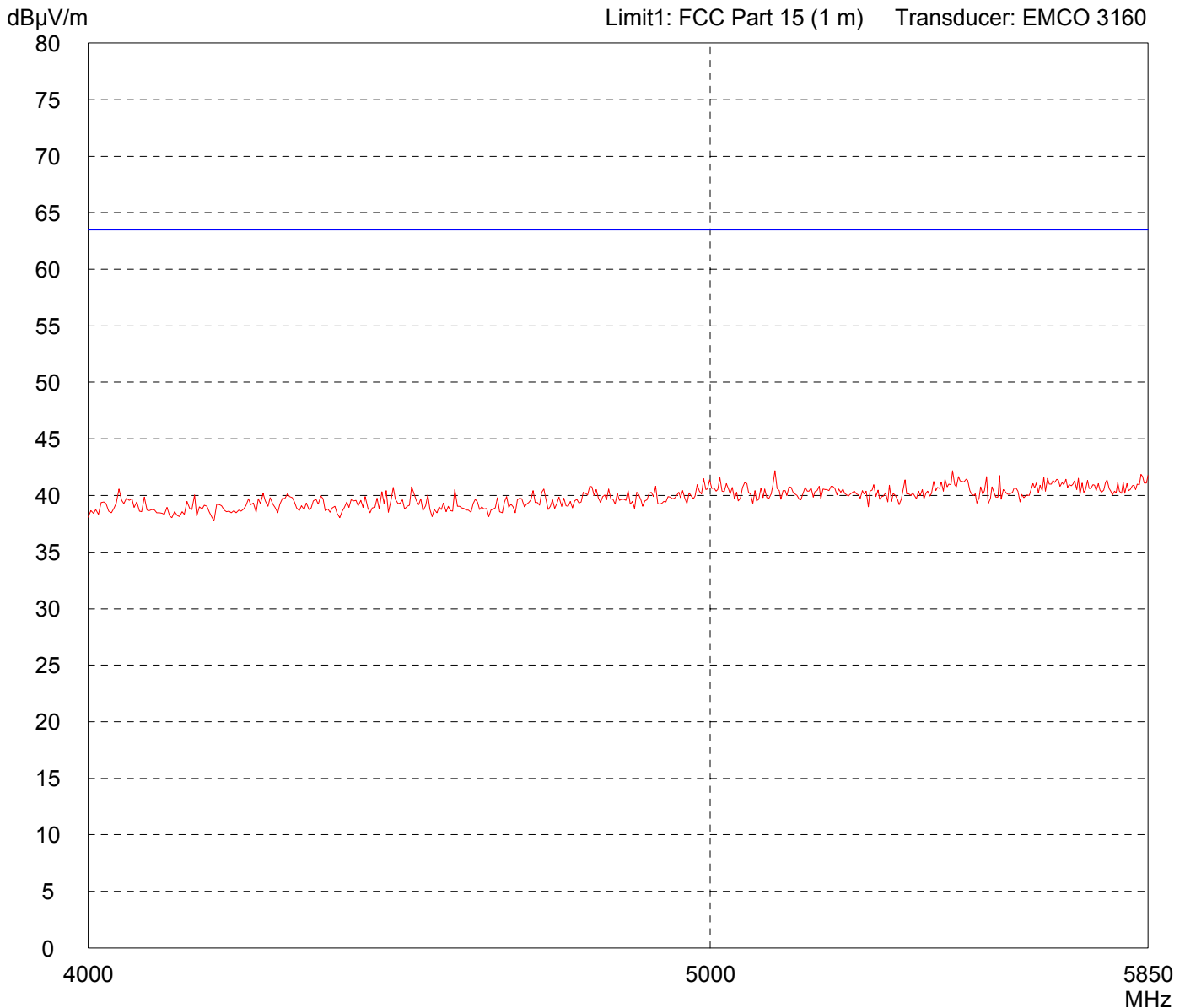


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 4 GHz - 5.85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - RX at 915.38 MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
Test performed: automatically	File name: default.emi

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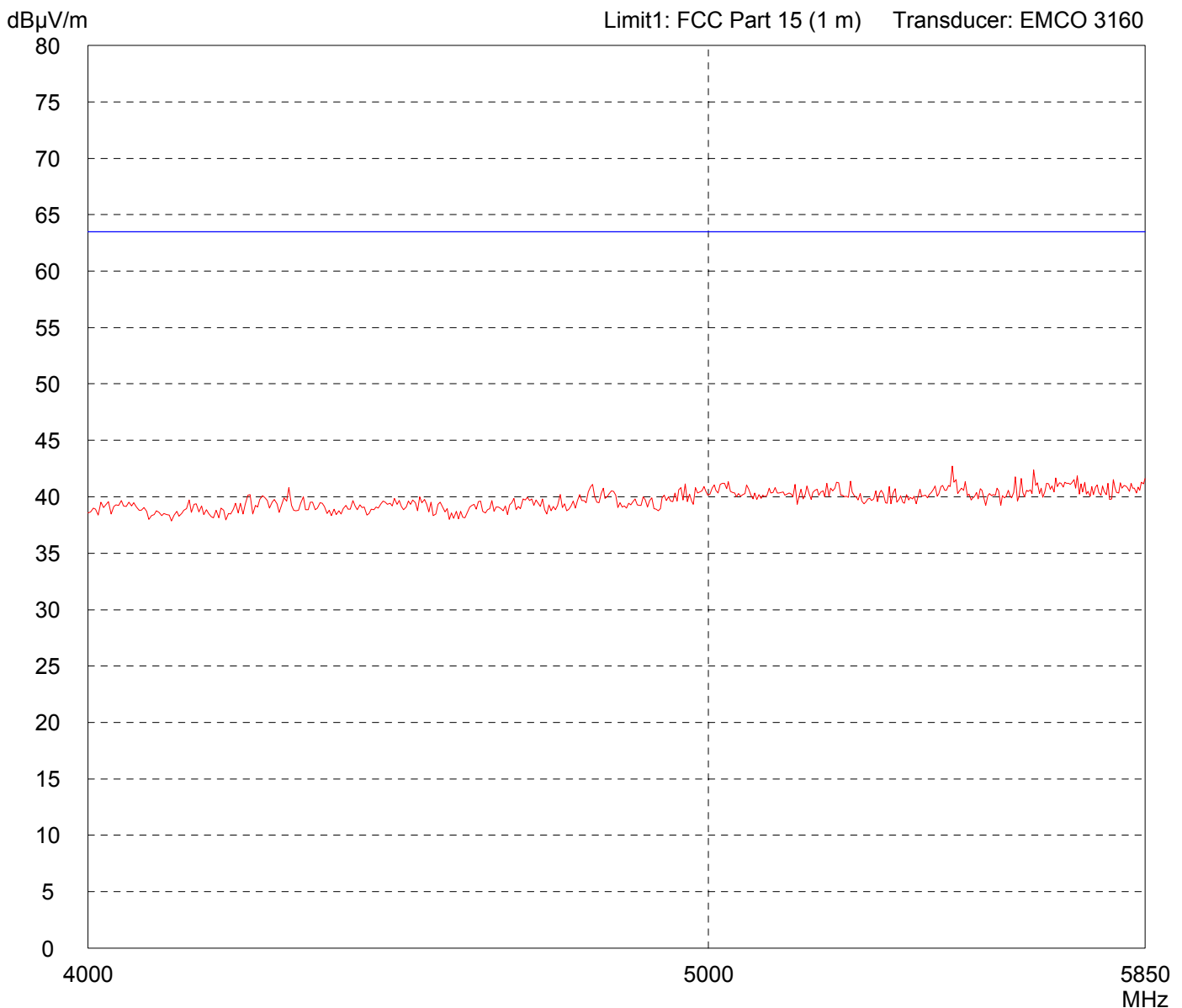


Result: Limit kept	Project file: 56109-61084
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Radiated Emission Test 4 GHz - 5.85 GHz acc. to FCC Part 15 (EMCO 3160)

Model: AC4790-200M-485	Comment: - RX at 915.38 MHz - Antenna: Comtelco Y2283A-915-10RP
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: 01/23/2007	Operator: J. Roidt
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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