

## **Additional TEST CHARTS**

**Applicant:** AEROCOMM, Inc.

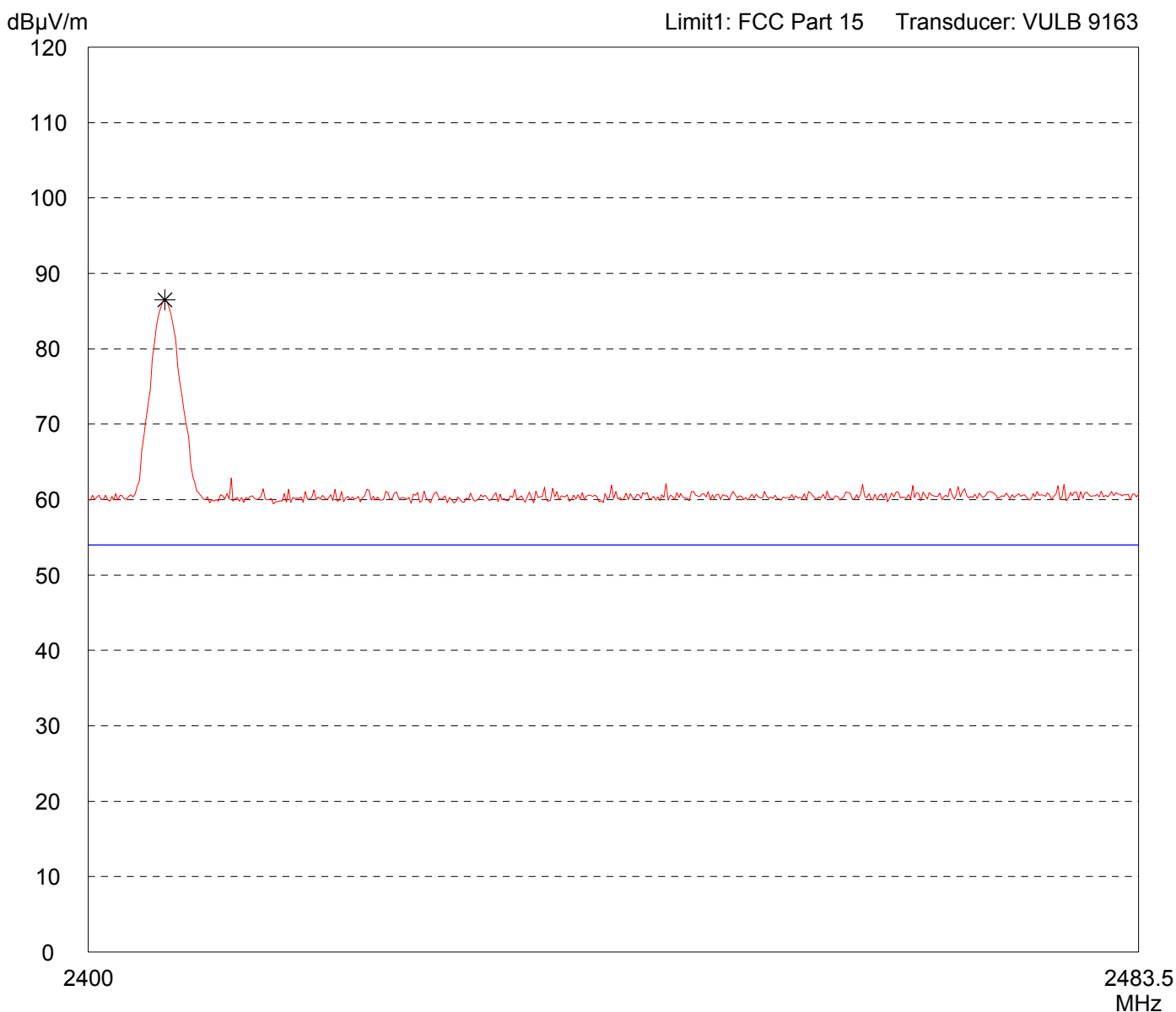
**Equipment  
under Testing:** CL4424-100  
with ANTENNA FACTOR ANT-DB2-916/2.4-RP-SMA

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

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| Detector:<br><b>Peak</b> | List of values:<br><b>Selected by hand</b> |
|--------------------------|--------------------------------------------|



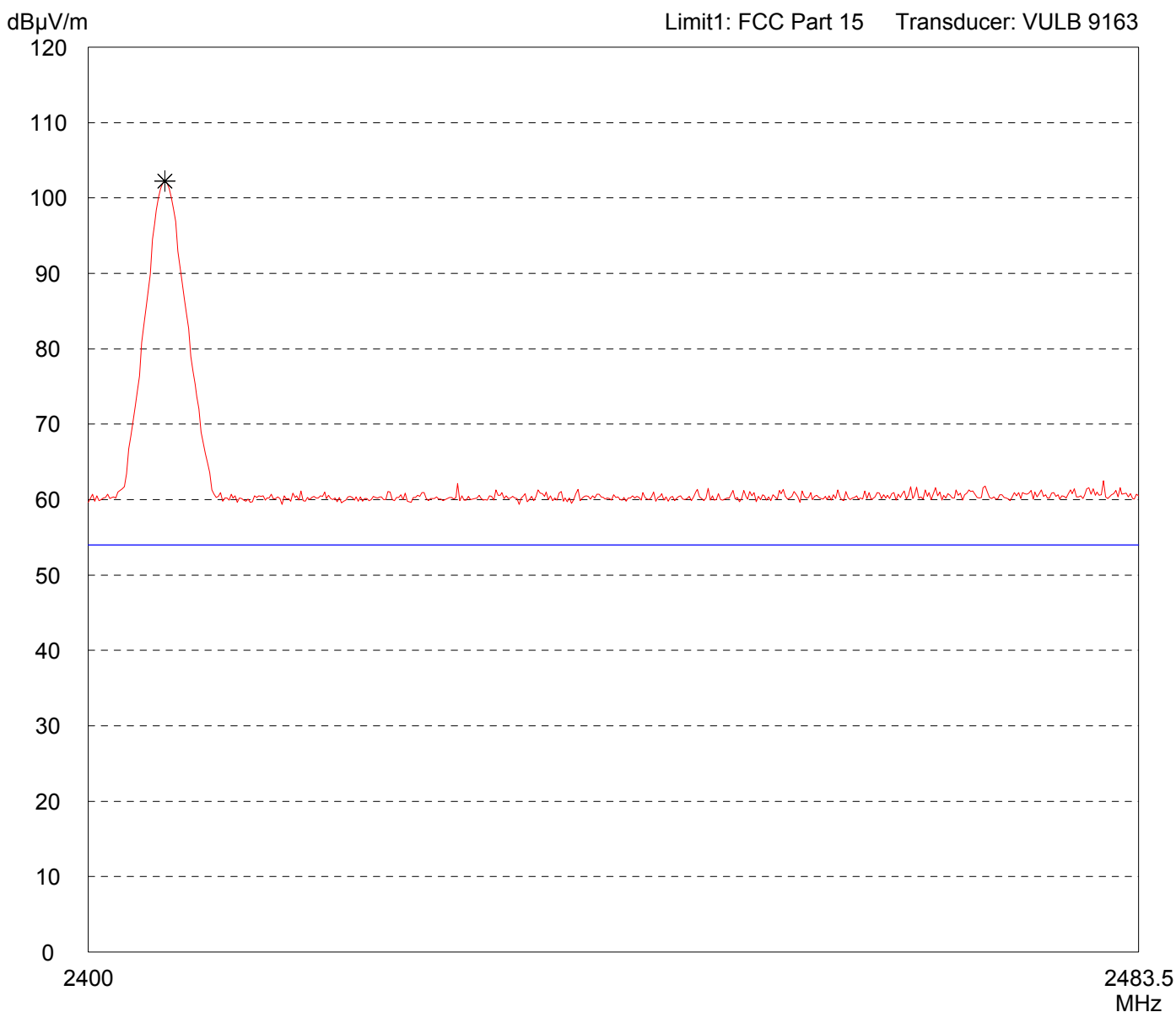
|                              |                                       |
|------------------------------|---------------------------------------|
| Result:<br><b>Limit kept</b> | Project file:<br><b>56109-50142-4</b> |
|                              | Page    of    Pages                   |

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

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| Detector:<br><b>Peak</b> | List of values:<br><b>Selected by hand</b> |
|--------------------------|--------------------------------------------|



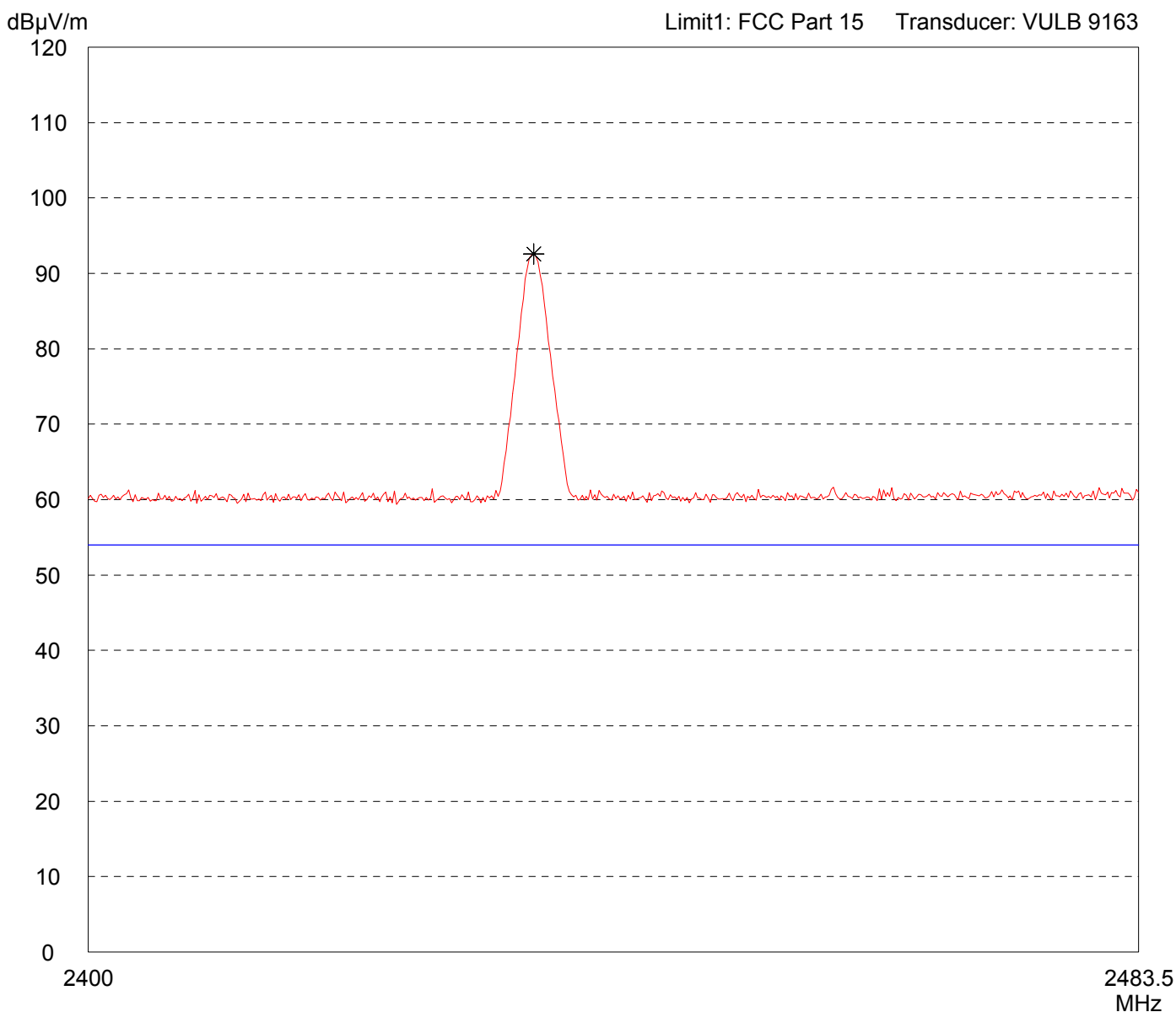
|                              |                                       |
|------------------------------|---------------------------------------|
| Result:<br><b>Limit kept</b> | Project file:<br><b>56109-50142-4</b> |
|                              | Page    of    Pages                   |

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

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| Detector:<br><b>Peak</b> | List of values:<br><b>Selected by hand</b> |
|--------------------------|--------------------------------------------|



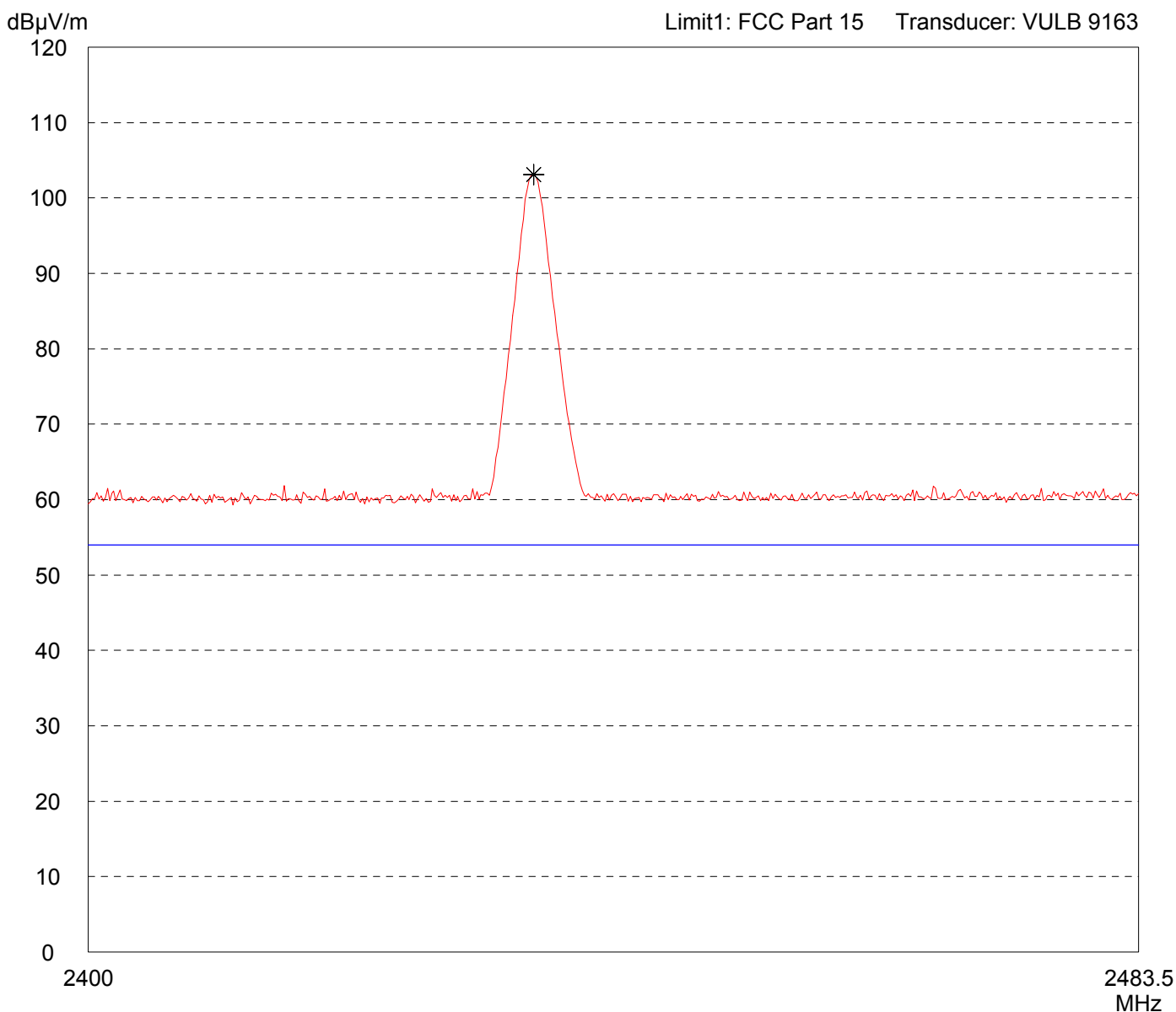
|                              |                                       |
|------------------------------|---------------------------------------|
| Result:<br><b>Limit kept</b> | Project file:<br><b>56109-50142-4</b> |
|                              | Page    of    Pages                   |

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

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

|                   |                                     |
|-------------------|-------------------------------------|
| Detector:<br>Peak | List of values:<br>Selected by hand |
|-------------------|-------------------------------------|



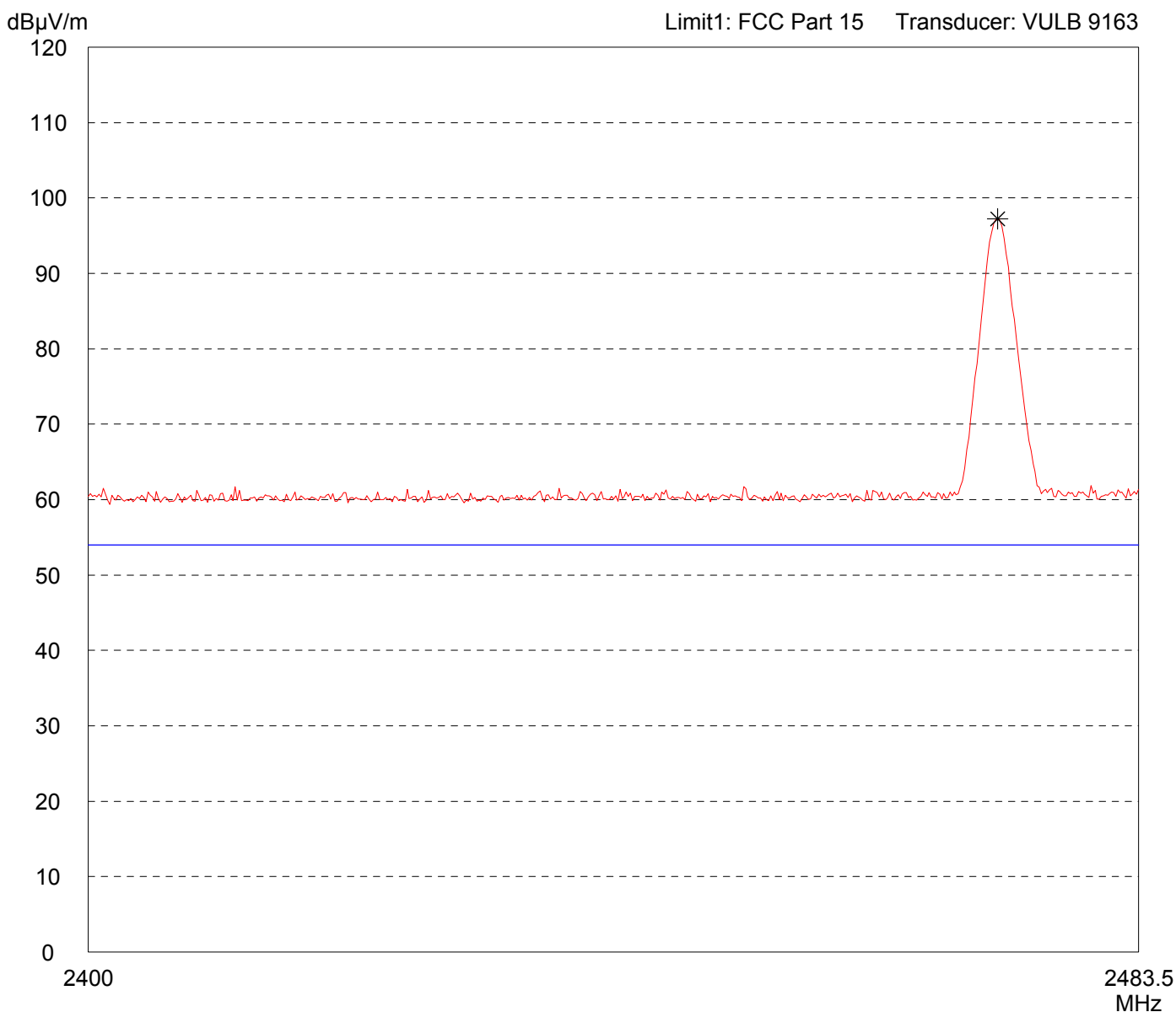
|                       |                                |
|-----------------------|--------------------------------|
| Result:<br>Limit kept | Project file:<br>56109-50142-4 |
|                       | Page    of    Pages            |

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

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| Detector:<br><b>Peak</b> | List of values:<br><b>Selected by hand</b> |
|--------------------------|--------------------------------------------|



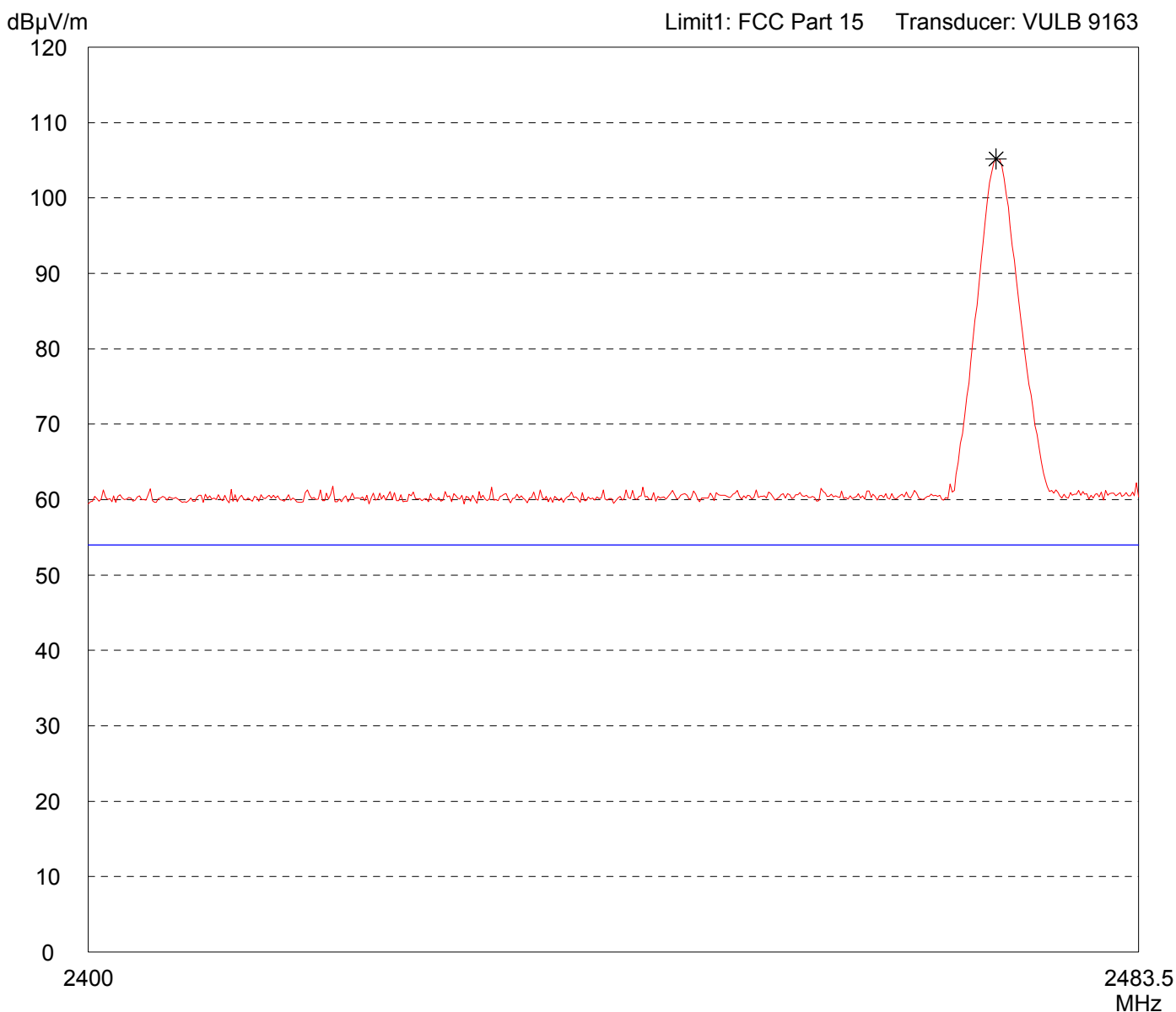
|                              |                                       |
|------------------------------|---------------------------------------|
| Result:<br><b>Limit kept</b> | Project file:<br><b>56109-50142-4</b> |
|                              | Page    of    Pages                   |

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

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| Detector:<br><b>Peak</b> | List of values:<br><b>Selected by hand</b> |
|--------------------------|--------------------------------------------|



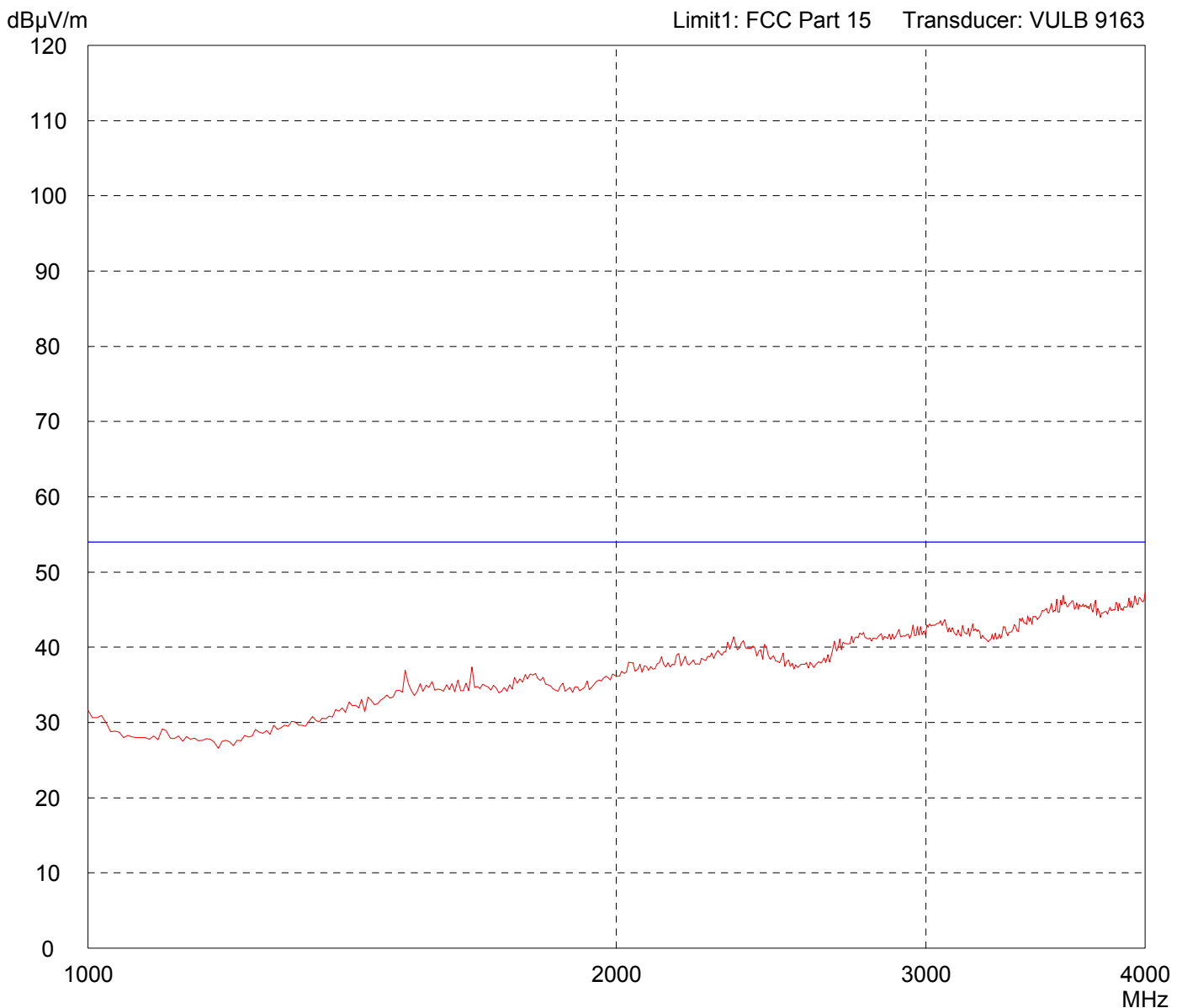
|                              |                                       |
|------------------------------|---------------------------------------|
| Result:<br><b>Limit kept</b> | Project file:<br><b>56109-50142-4</b> |
|                              | Page    of    Pages                   |

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

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| Detector:<br><b>Peak</b> | List of values:<br><b>Selected by hand</b> |
|--------------------------|--------------------------------------------|



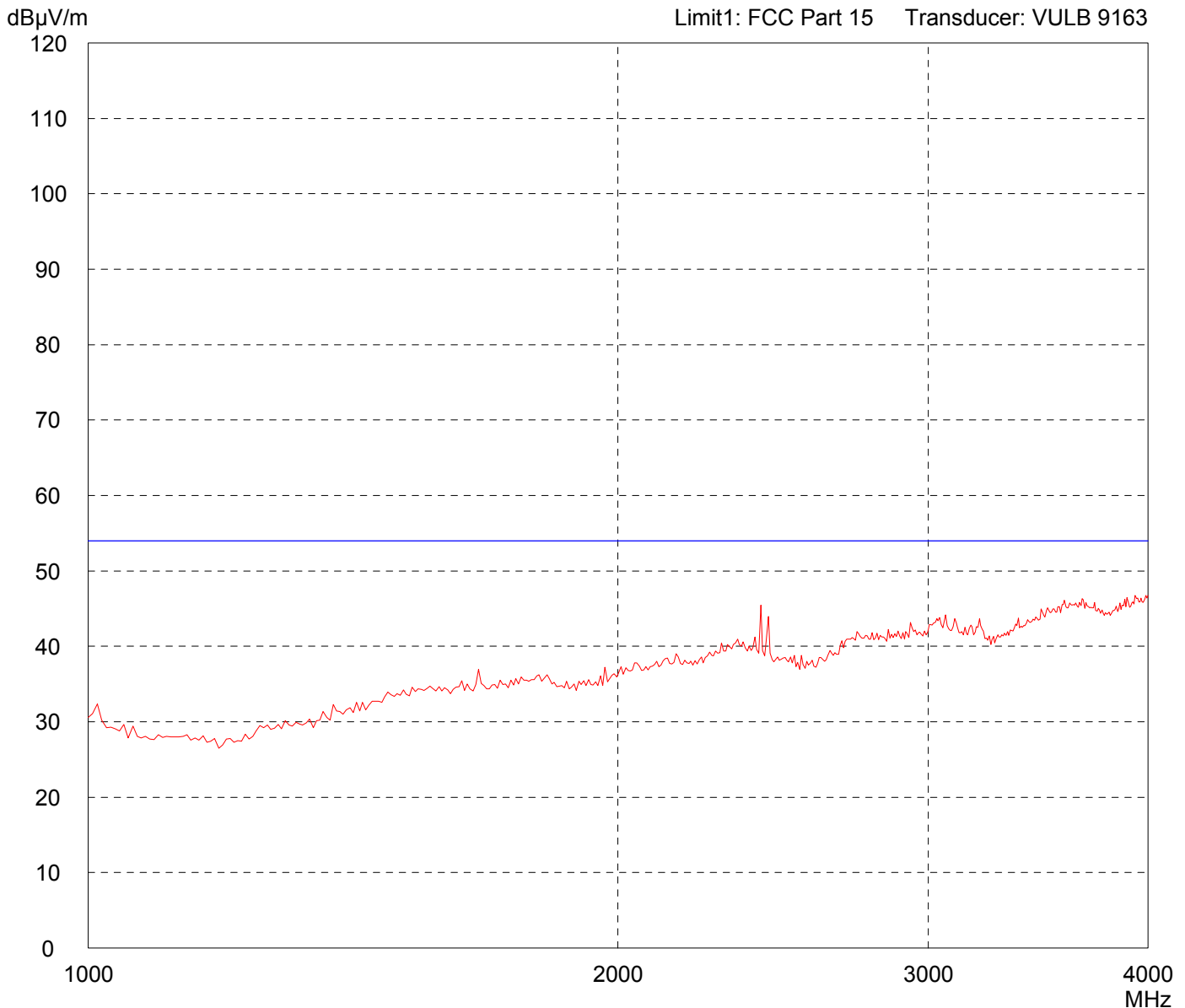
|                              |                                       |
|------------------------------|---------------------------------------|
| Result:<br><b>Limit kept</b> | Project file:<br><b>56109-50142-2</b> |
|                              | Page    of    Pages                   |

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

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| Detector:<br><b>Peak</b> | List of values:<br><b>Selected by hand</b> |
|--------------------------|--------------------------------------------|

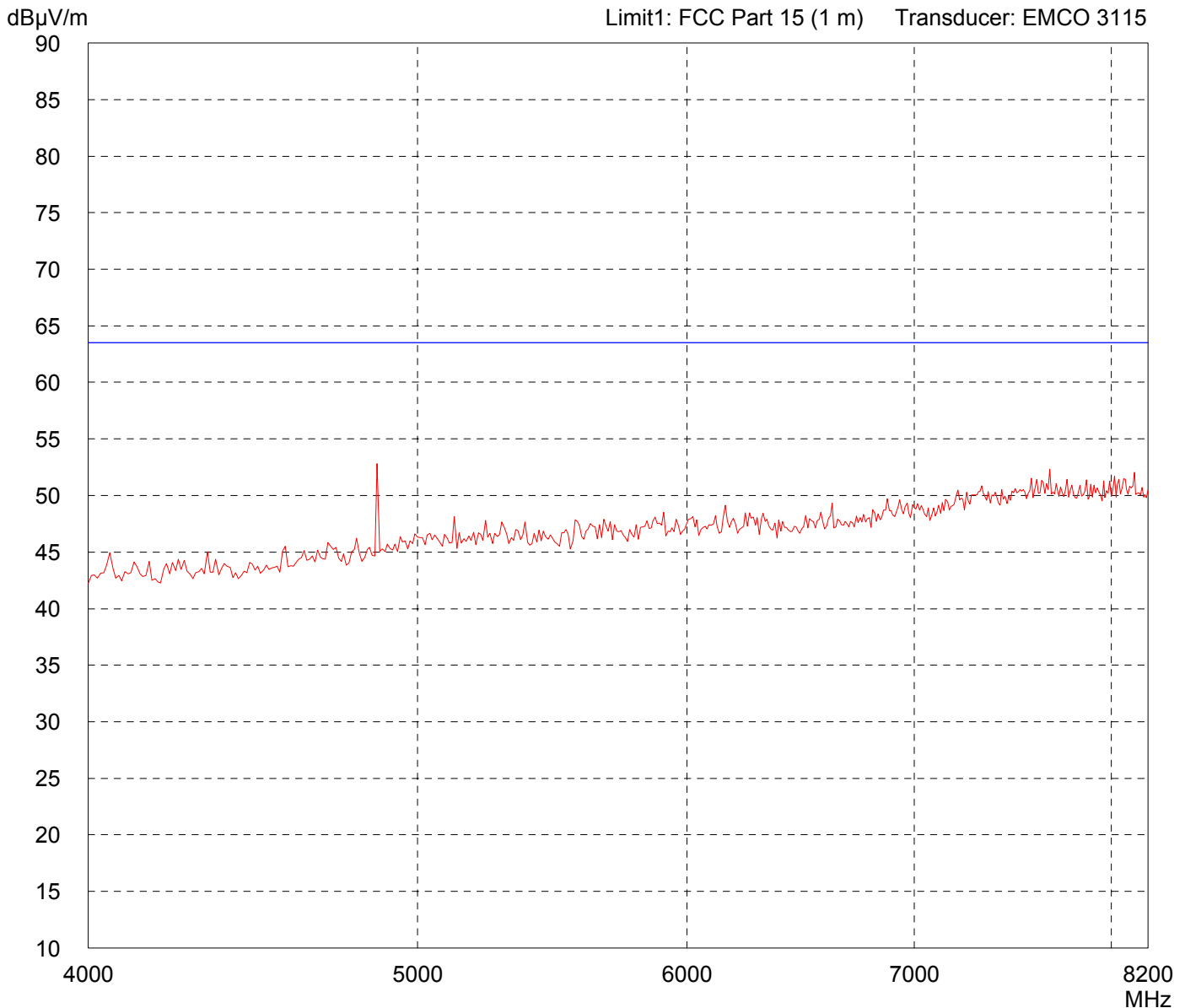


|                              |                                       |
|------------------------------|---------------------------------------|
| Result:<br><b>Limit kept</b> | Project file:<br><b>56109-50142-2</b> |
|                              | Page    of    Pages                   |

# Radiated Emission Test 4 GHz - 8.2 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

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

|                   |                                                                                 |
|-------------------|---------------------------------------------------------------------------------|
| Detector:<br>Peak | List of values:<br>10 dB Margin <span style="float: right;">50 Subranges</span> |
|-------------------|---------------------------------------------------------------------------------|



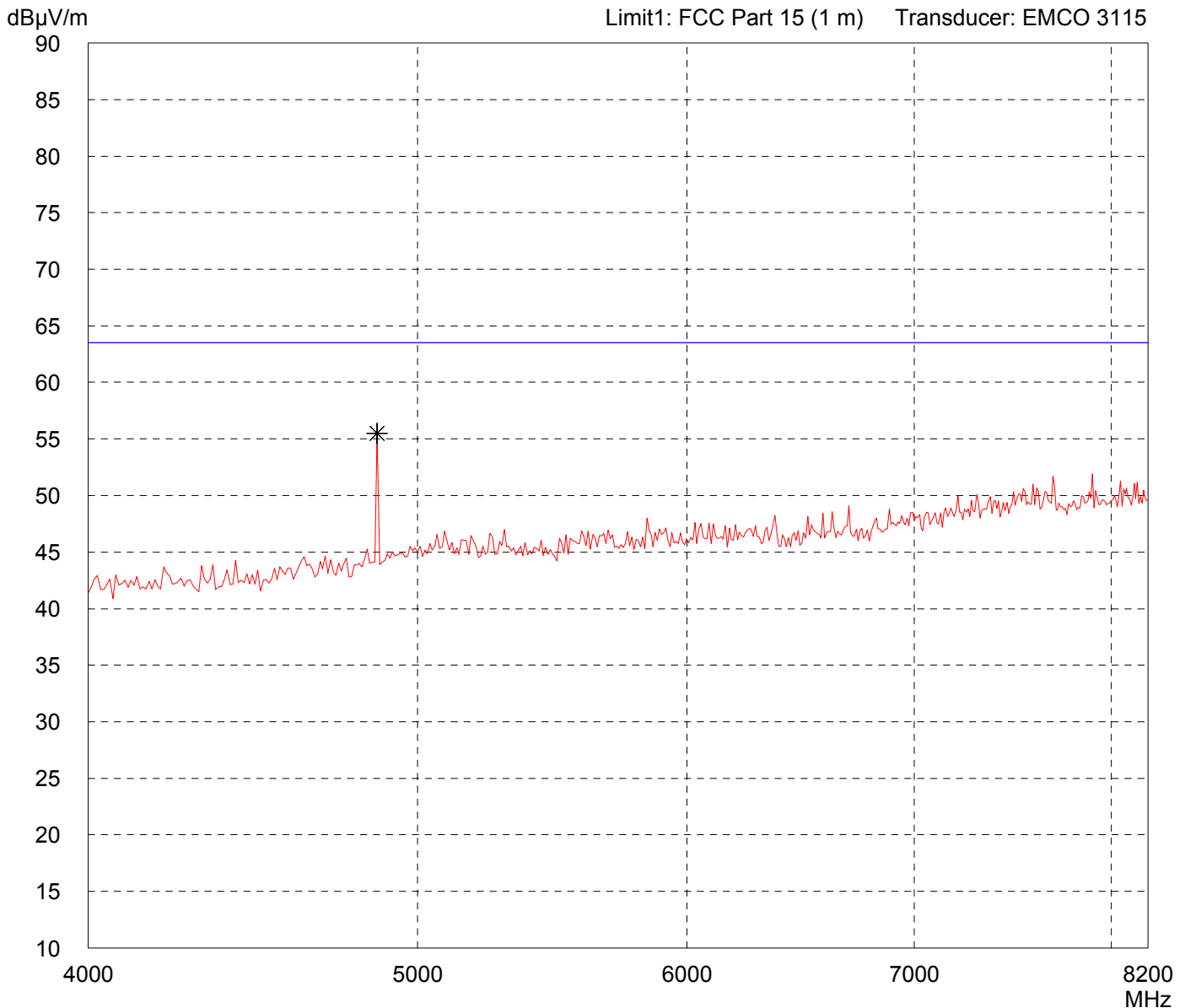
|                       |                                |
|-----------------------|--------------------------------|
| Result:<br>Limit kept | Project file:<br>56109-50142-4 |
|                       | Page    of    Pages            |

# Radiated Emission Test 4 GHz - 8.2 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

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

|                          |                                                                                                                                                          |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Detector:<br><b>Peak</b> | List of values:<br><div style="display: flex; justify-content: space-between;"> <span><b>10 dB Margin</b></span> <span><b>50 Subranges</b></span> </div> |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|



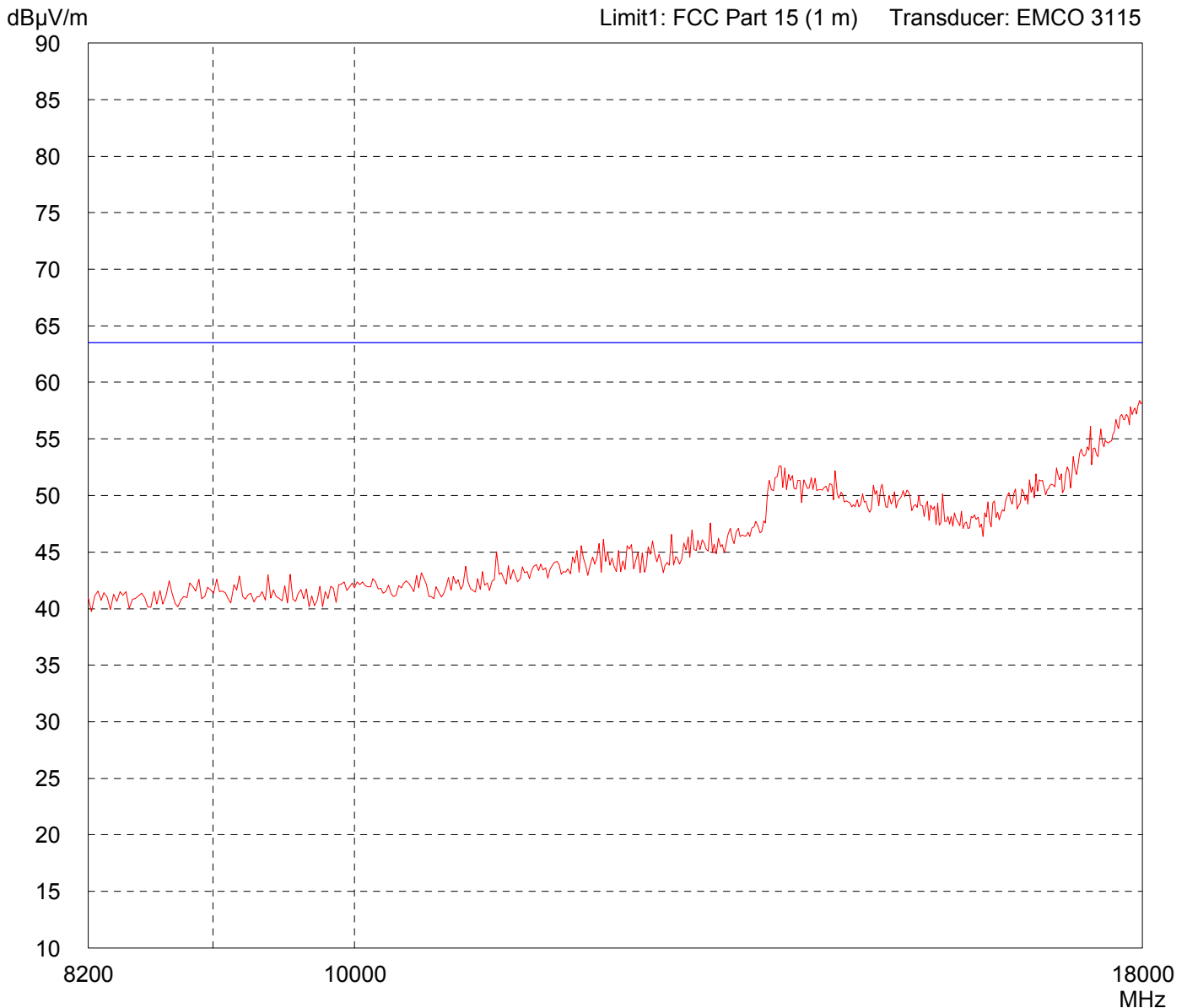
|                              |                                       |
|------------------------------|---------------------------------------|
| Result:<br><b>Limit kept</b> | Project file:<br><b>56109-50142-4</b> |
|                              | Page    of    Pages                   |

# Radiated Emission Test 8.2 GHz - 18 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| Detector:<br><b>Peak</b> | List of values:<br><b>Selected by hand</b> |
|--------------------------|--------------------------------------------|

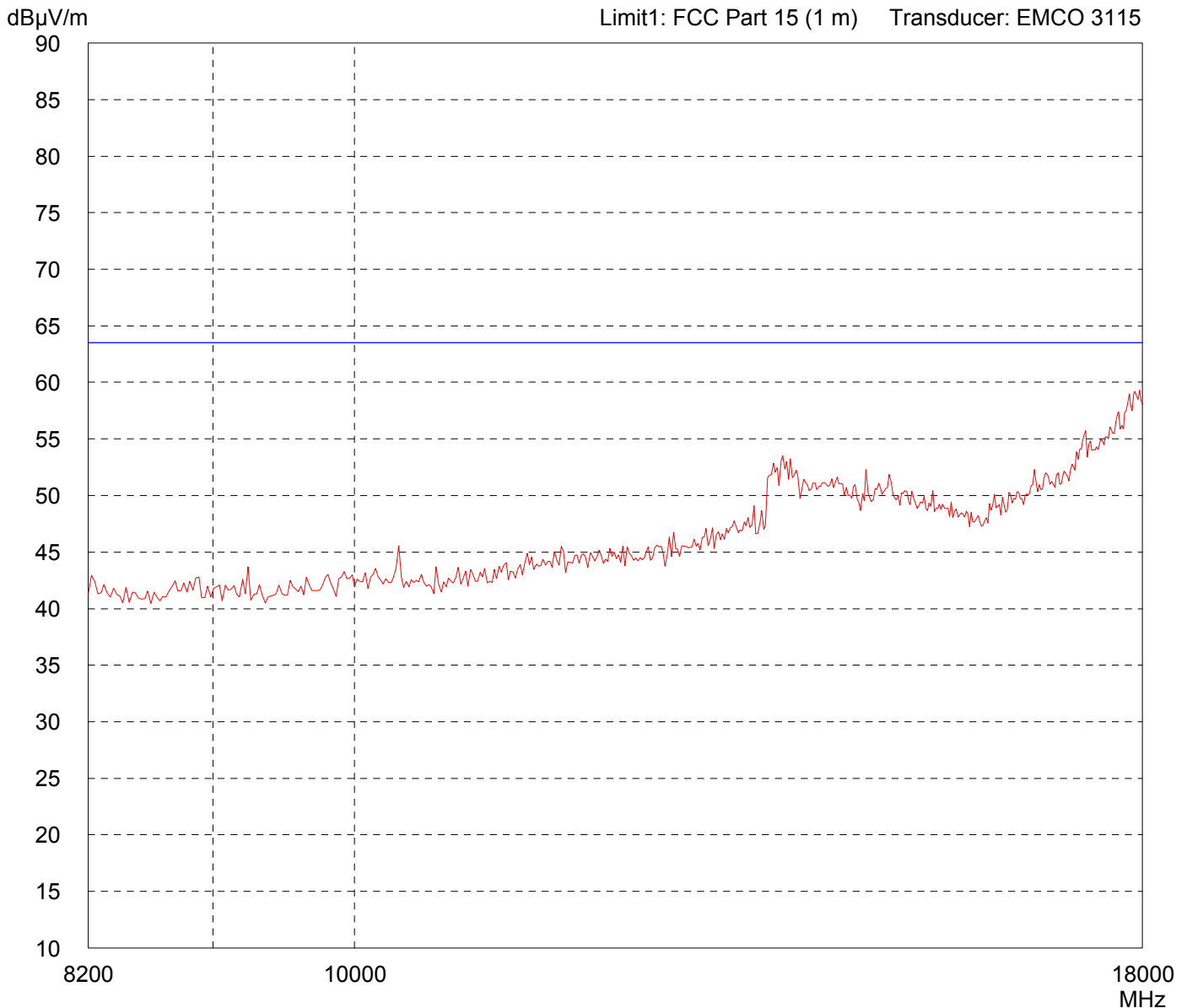


|                              |                                       |
|------------------------------|---------------------------------------|
| Result:<br><b>Limit kept</b> | Project file:<br><b>56109-50142-4</b> |
|                              | Page    of    Pages                   |

# Radiated Emission Test 8.2 GHz - 18 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

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

|                   |                                     |
|-------------------|-------------------------------------|
| Detector:<br>Peak | List of values:<br>Selected by hand |
|-------------------|-------------------------------------|



|                       |                                |
|-----------------------|--------------------------------|
| Result:<br>Limit kept | Project file:<br>56109-50142-4 |
|                       | Page    of    Pages            |

## Spurious Emissions Measurement

Model:  
CL 4424

Serial No.:  
RS 232

Applicant:  
AEROCOMM, Inc.

Mode:

- Radiated Measurement at 0.5 m test distance

- Reading without antenna correction

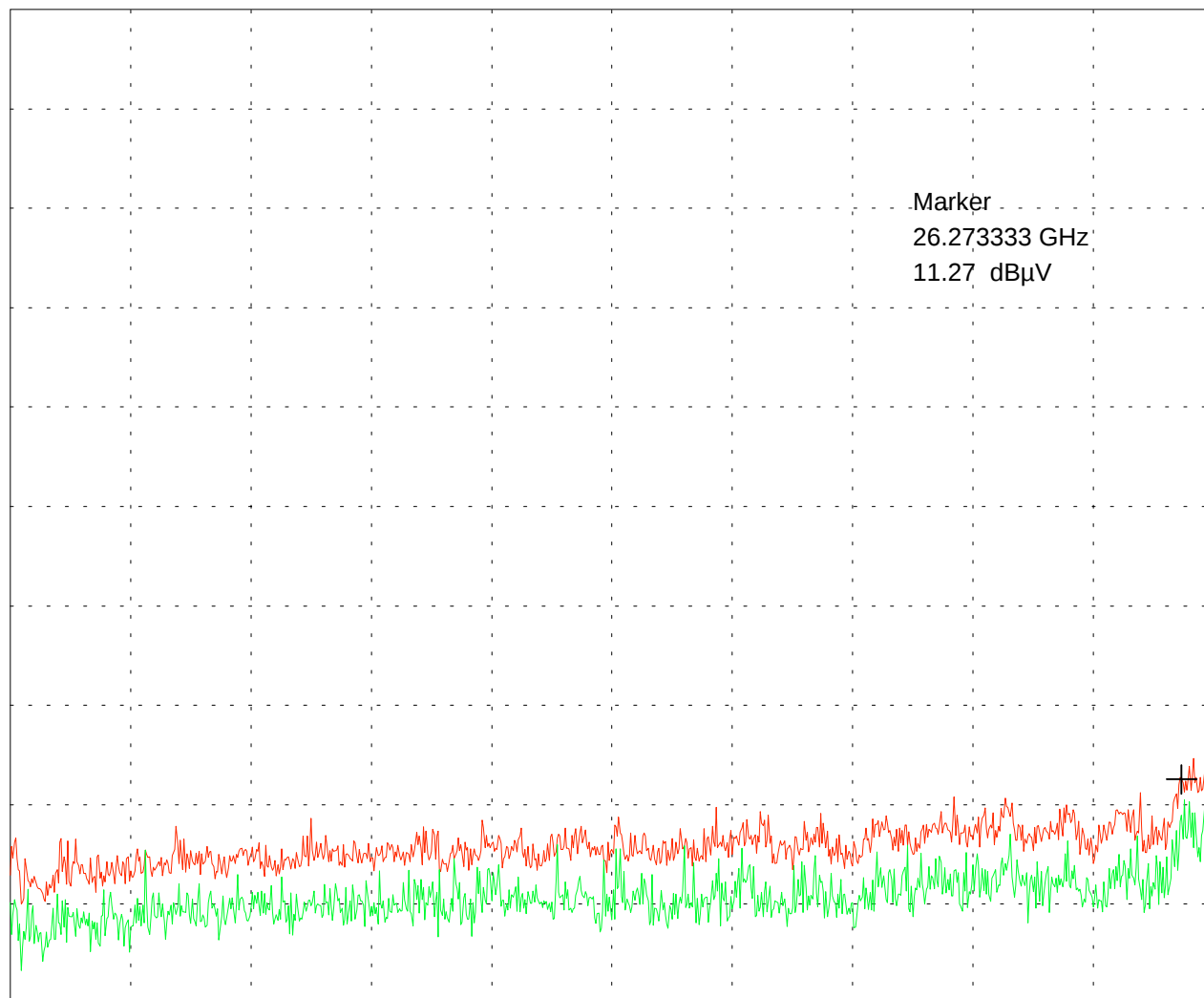
- Red trace = horizontal, green trace = vertical

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

- Low Channel

Ref. Level 50 dB $\mu$ V  
5 dB/Div.

ATT 0 dB



Start 18.000 GHz  
RBW 100 kHz

VBW 100 kHz

Stop 26.500 GHz  
SWP 2.60 s

Tested by:  
Johann Roidt

Date:  
22 April 2005

Project-No.:  
56109-050142-x

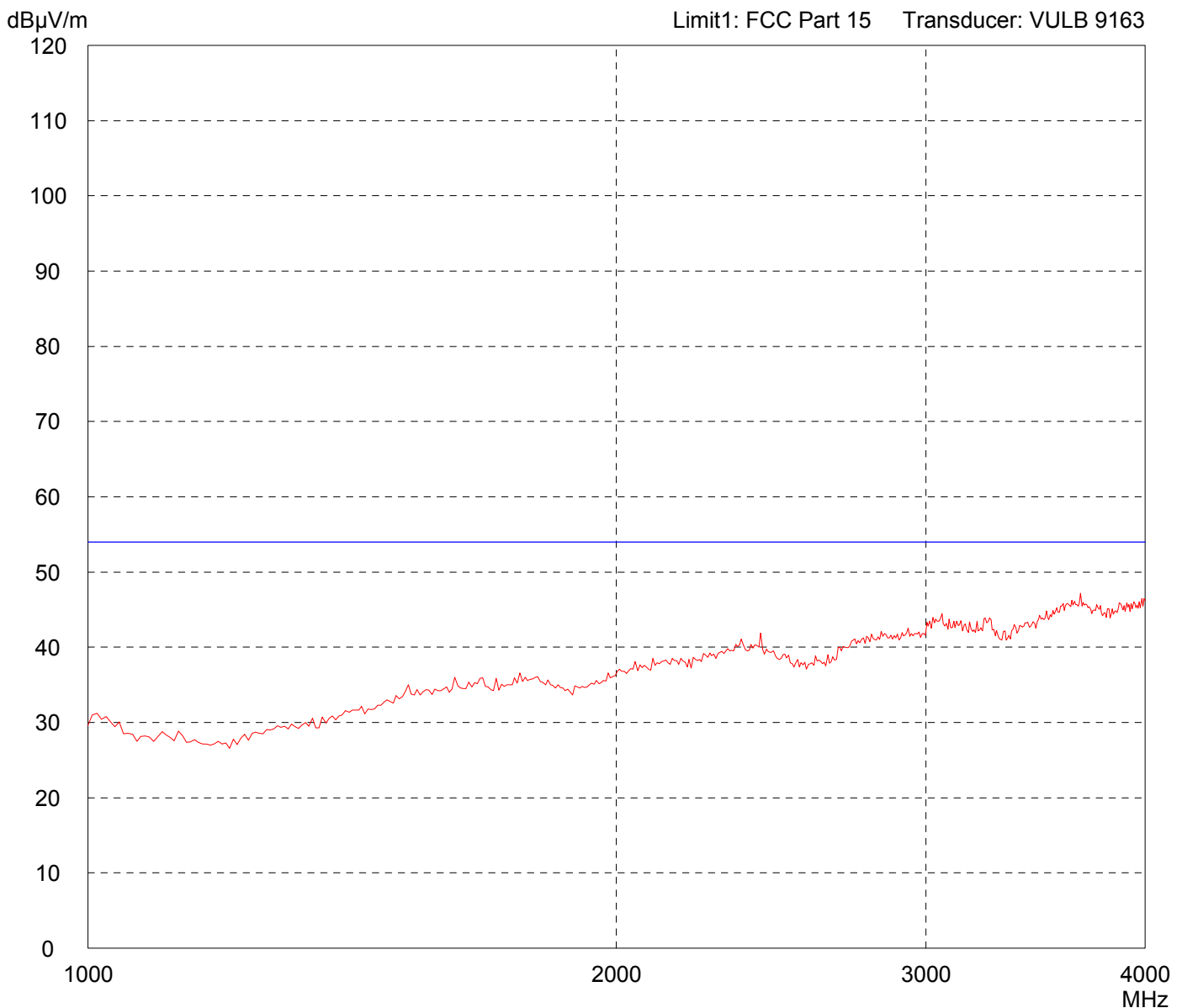
Page of pages

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

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| Detector:<br><b>Peak</b> | List of values:<br><b>Selected by hand</b> |
|--------------------------|--------------------------------------------|



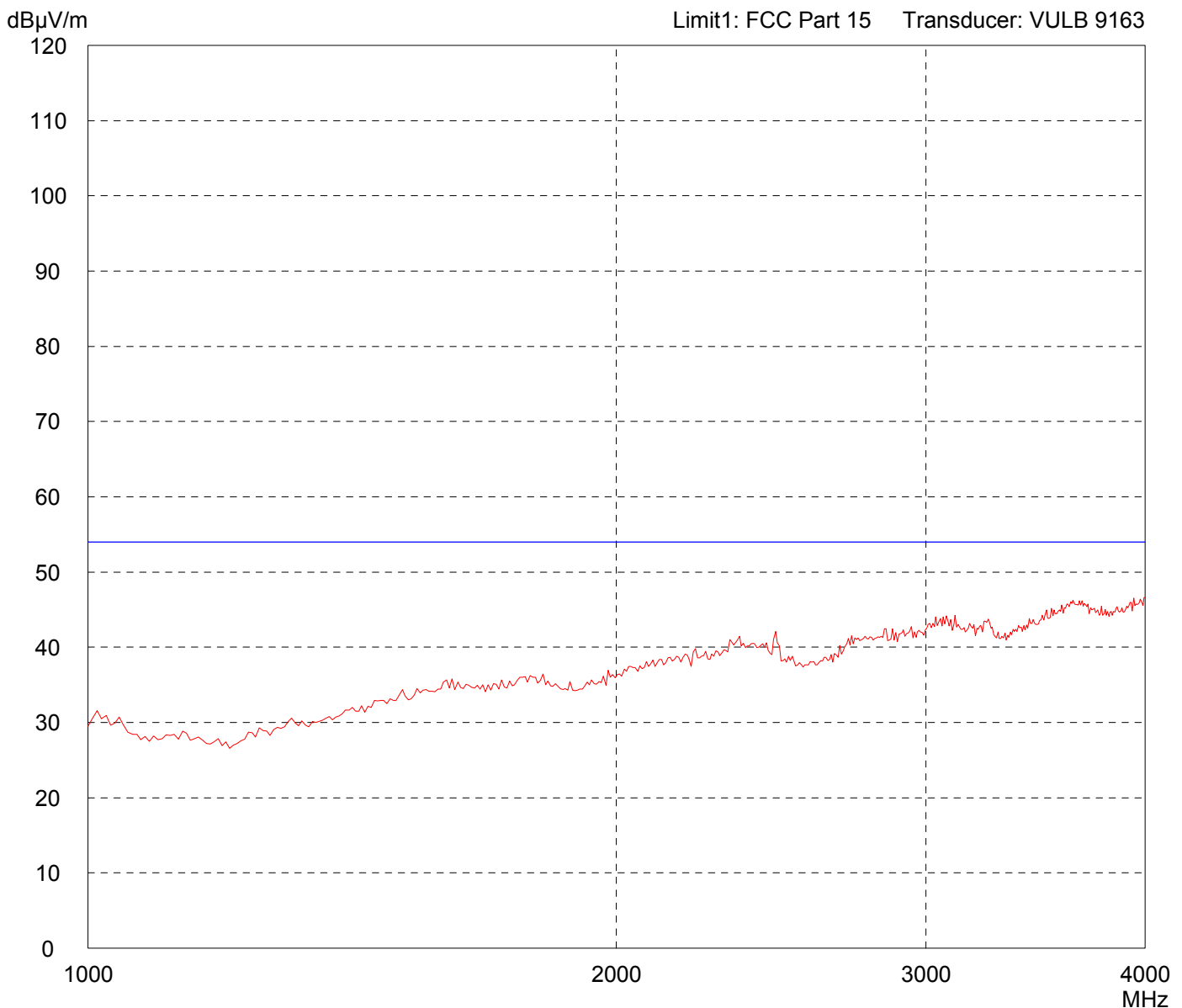
|                              |                                       |
|------------------------------|---------------------------------------|
| Result:<br><b>Limit kept</b> | Project file:<br><b>56109-50142-2</b> |
|                              | Page    of    Pages                   |

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

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| Detector:<br><b>Peak</b> | List of values:<br><b>Selected by hand</b> |
|--------------------------|--------------------------------------------|

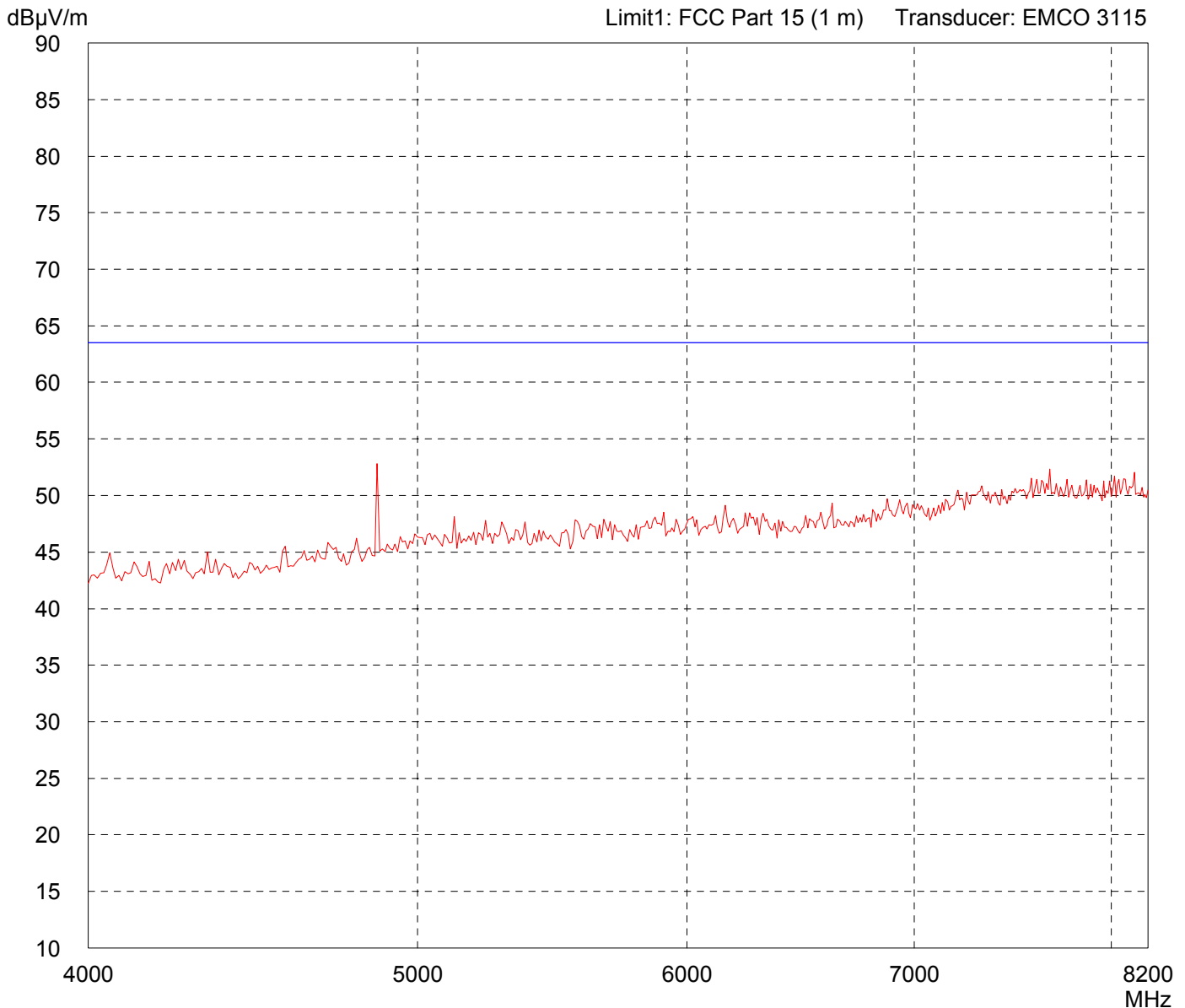


|                              |                                       |
|------------------------------|---------------------------------------|
| Result:<br><b>Limit kept</b> | Project file:<br><b>56109-50142-2</b> |
|                              | Page    of    Pages                   |

# Radiated Emission Test 4 GHz - 8.2 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

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

|                   |                                                                                 |
|-------------------|---------------------------------------------------------------------------------|
| Detector:<br>Peak | List of values:<br>10 dB Margin <span style="float: right;">50 Subranges</span> |
|-------------------|---------------------------------------------------------------------------------|



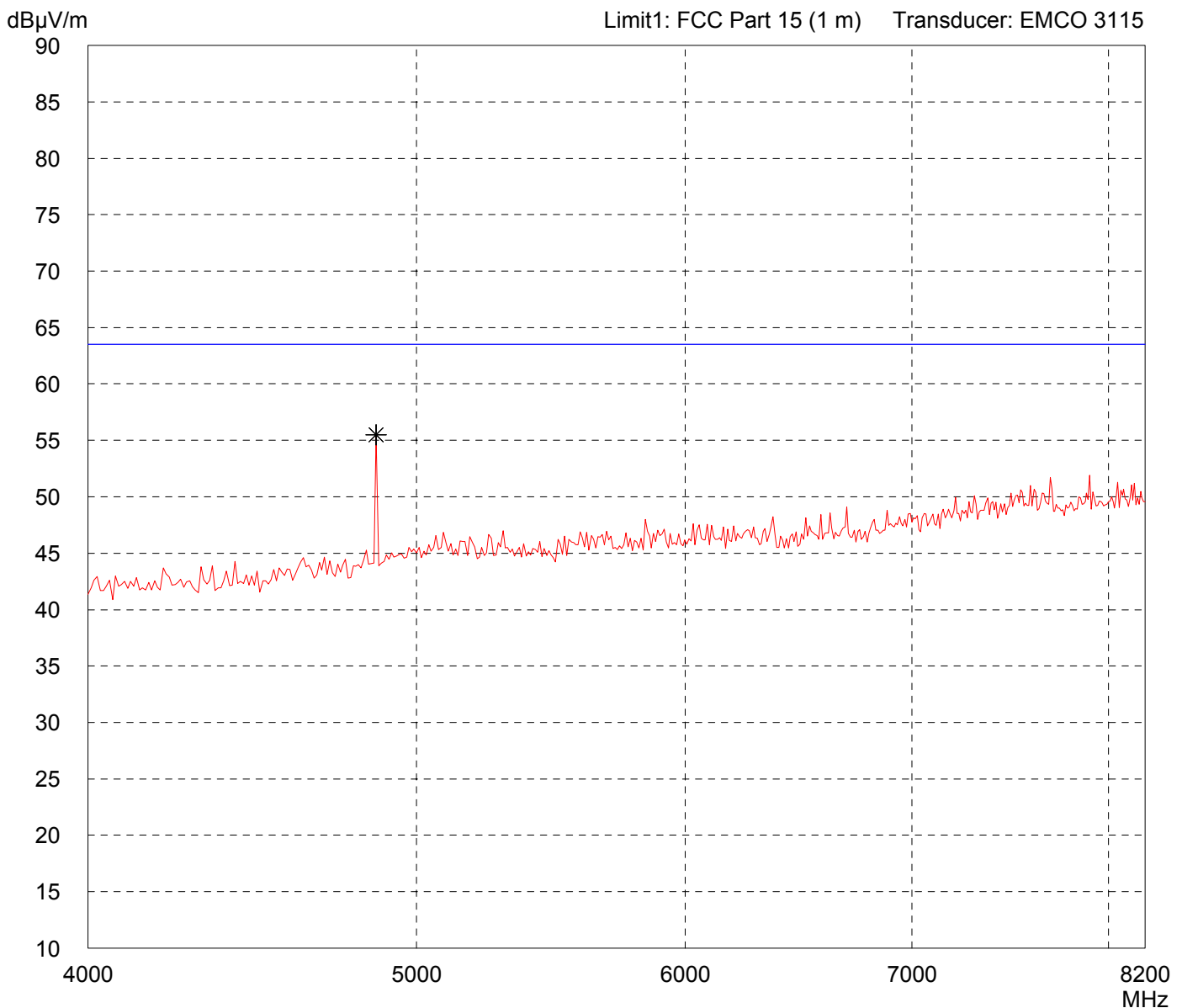
|                       |                                |
|-----------------------|--------------------------------|
| Result:<br>Limit kept | Project file:<br>56109-50142-4 |
|                       | Page    of    Pages            |

# Radiated Emission Test 4 GHz - 8.2 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

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

|                   |                                                                                 |
|-------------------|---------------------------------------------------------------------------------|
| Detector:<br>Peak | List of values:<br>10 dB Margin <span style="float: right;">50 Subranges</span> |
|-------------------|---------------------------------------------------------------------------------|



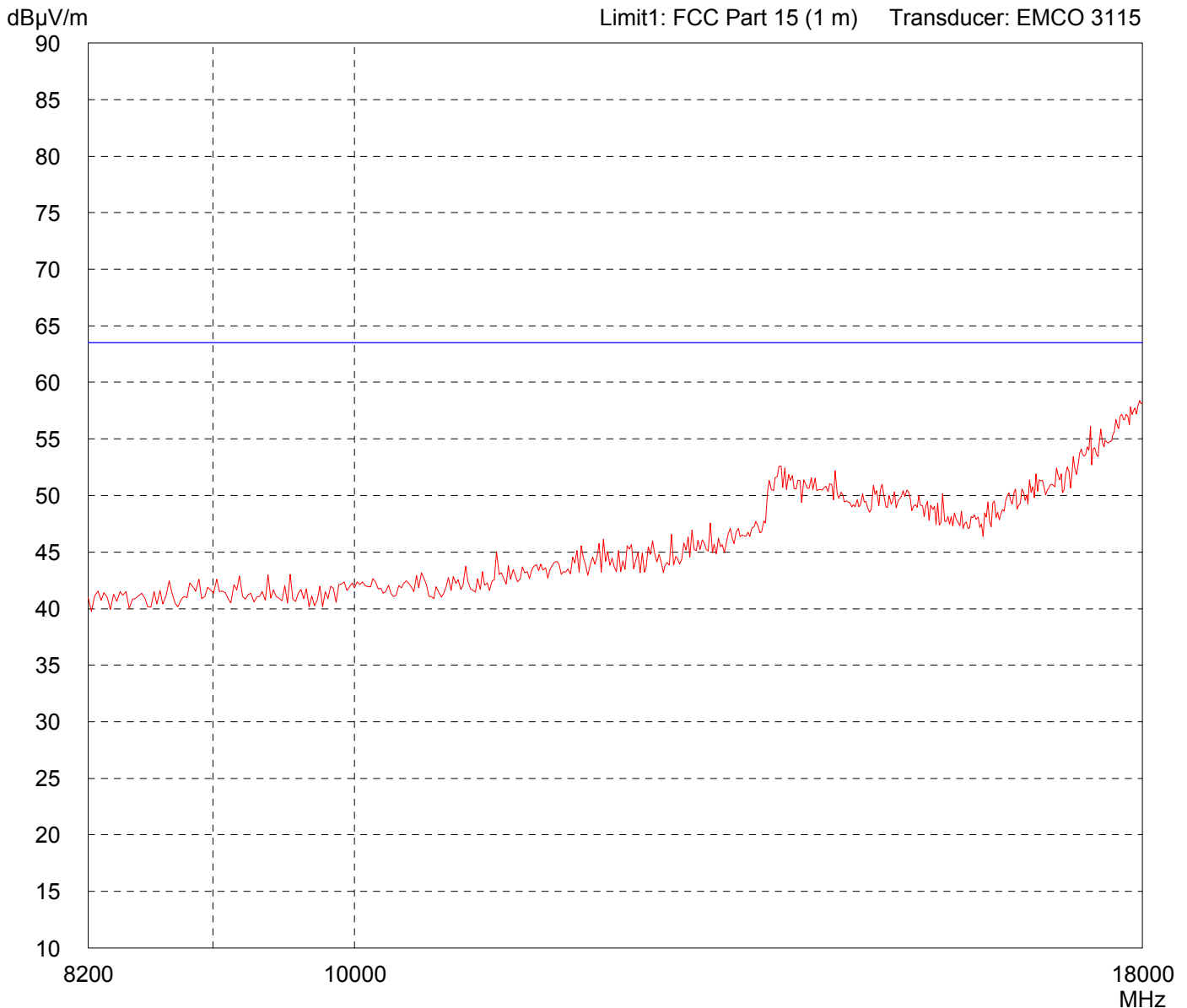
|                       |                                |
|-----------------------|--------------------------------|
| Result:<br>Limit kept | Project file:<br>56109-50142-4 |
|                       | Page    of    Pages            |

# Radiated Emission Test 8.2 GHz - 18 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| Detector:<br><b>Peak</b> | List of values:<br><b>Selected by hand</b> |
|--------------------------|--------------------------------------------|



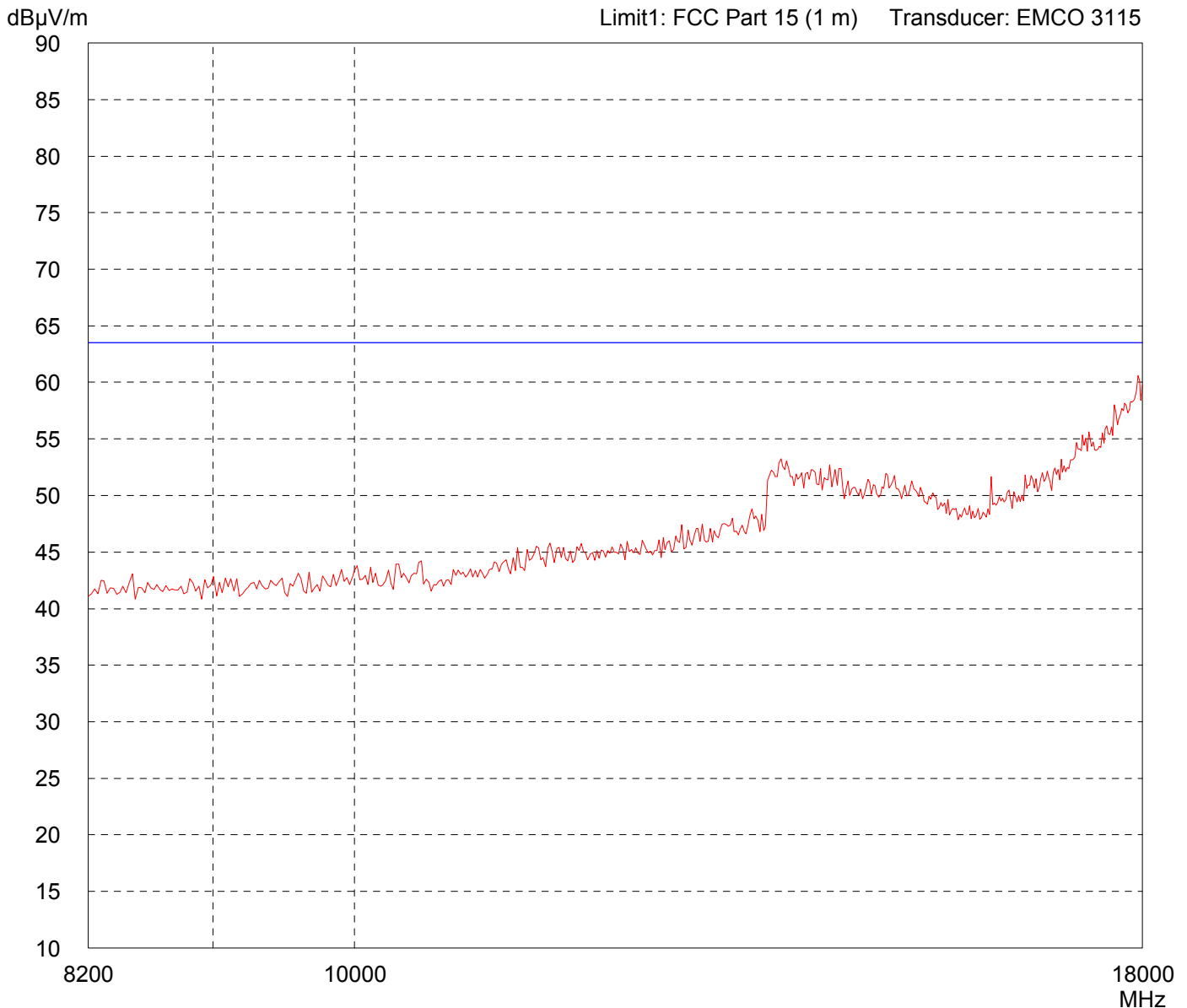
|                              |                                       |
|------------------------------|---------------------------------------|
| Result:<br><b>Limit kept</b> | Project file:<br><b>56109-50142-4</b> |
|                              | Page    of    Pages                   |

# Radiated Emission Test 8.2 GHz - 18 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| Detector:<br><b>Peak</b> | List of values:<br><b>Selected by hand</b> |
|--------------------------|--------------------------------------------|



|                              |                                       |
|------------------------------|---------------------------------------|
| Result:<br><b>Limit kept</b> | Project file:<br><b>56109-50142-4</b> |
|                              | Page    of    Pages                   |

# Spurious Emissions Measurement

Model:  
CL 4424

Serial No.:  
RS 232

Applicant:  
AEROCOMM, Inc.

Mode:

- Radiated Measurement at 0.5 m test distance

- Reading without antenna correction

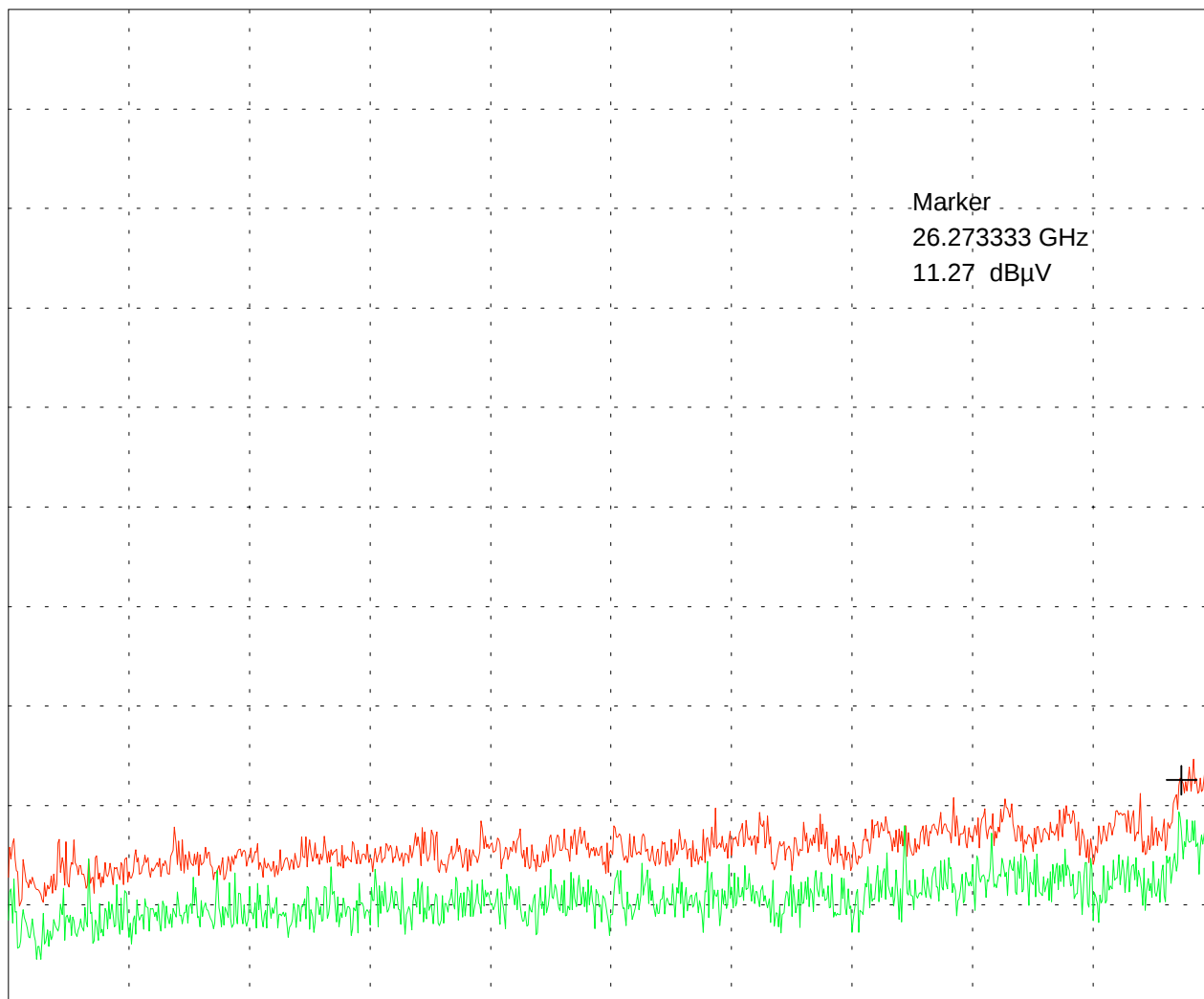
- Red trace = horizontal, green trace = vertical

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

- Middle Channel

Ref. Level 50 dB $\mu$ V  
5 dB/Div.

ATT 0 dB



Start 18.000 GHz  
RBW 100 kHz

VBW 100 kHz

Stop 26.500 GHz  
SWP 2.60 s

Tested by:  
Johann Roidt

Date:  
22 April 2005

Project-No.:  
56109-050142-x

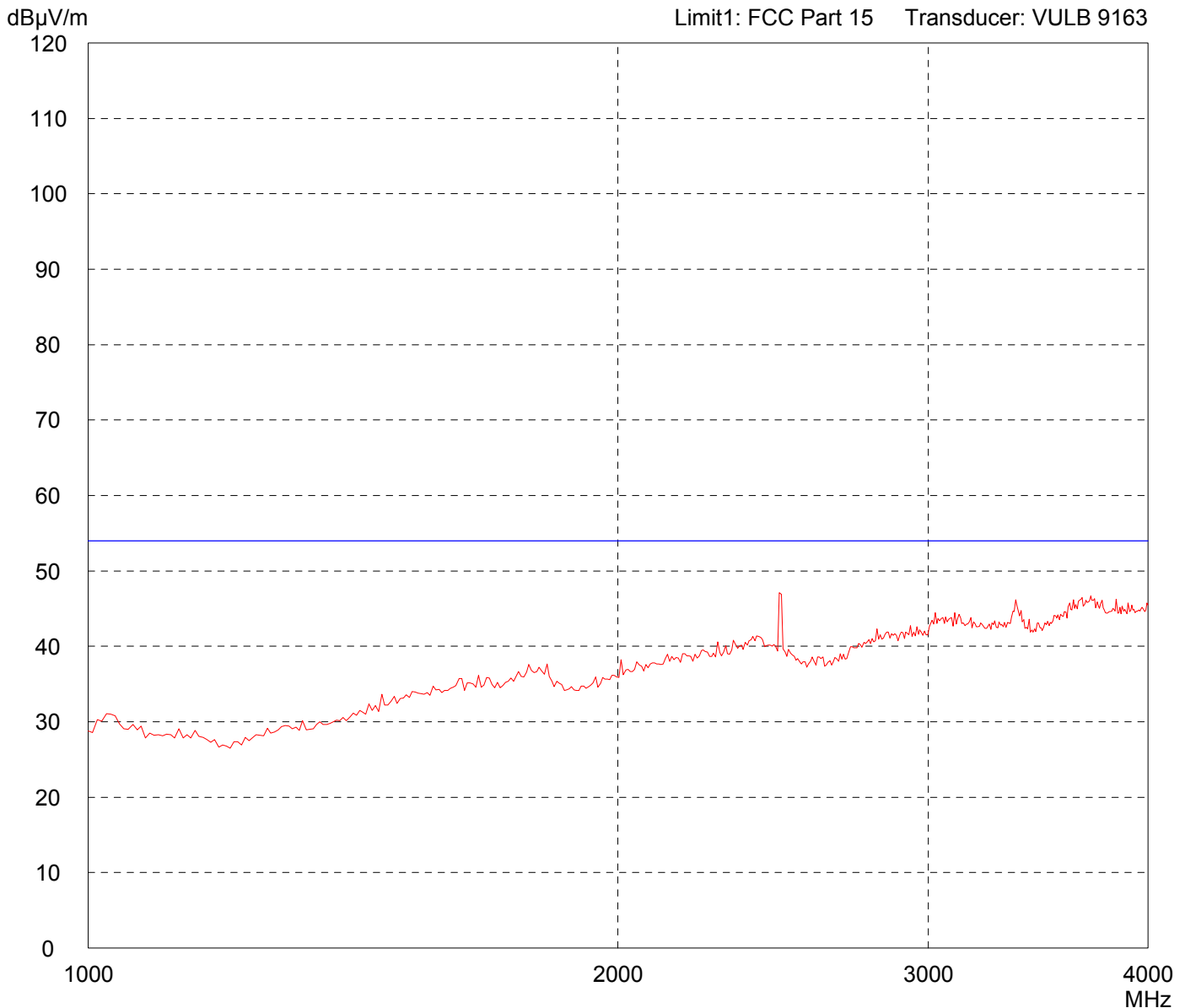
Page of pages

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

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| Detector:<br><b>Peak</b> | List of values:<br><b>Selected by hand</b> |
|--------------------------|--------------------------------------------|



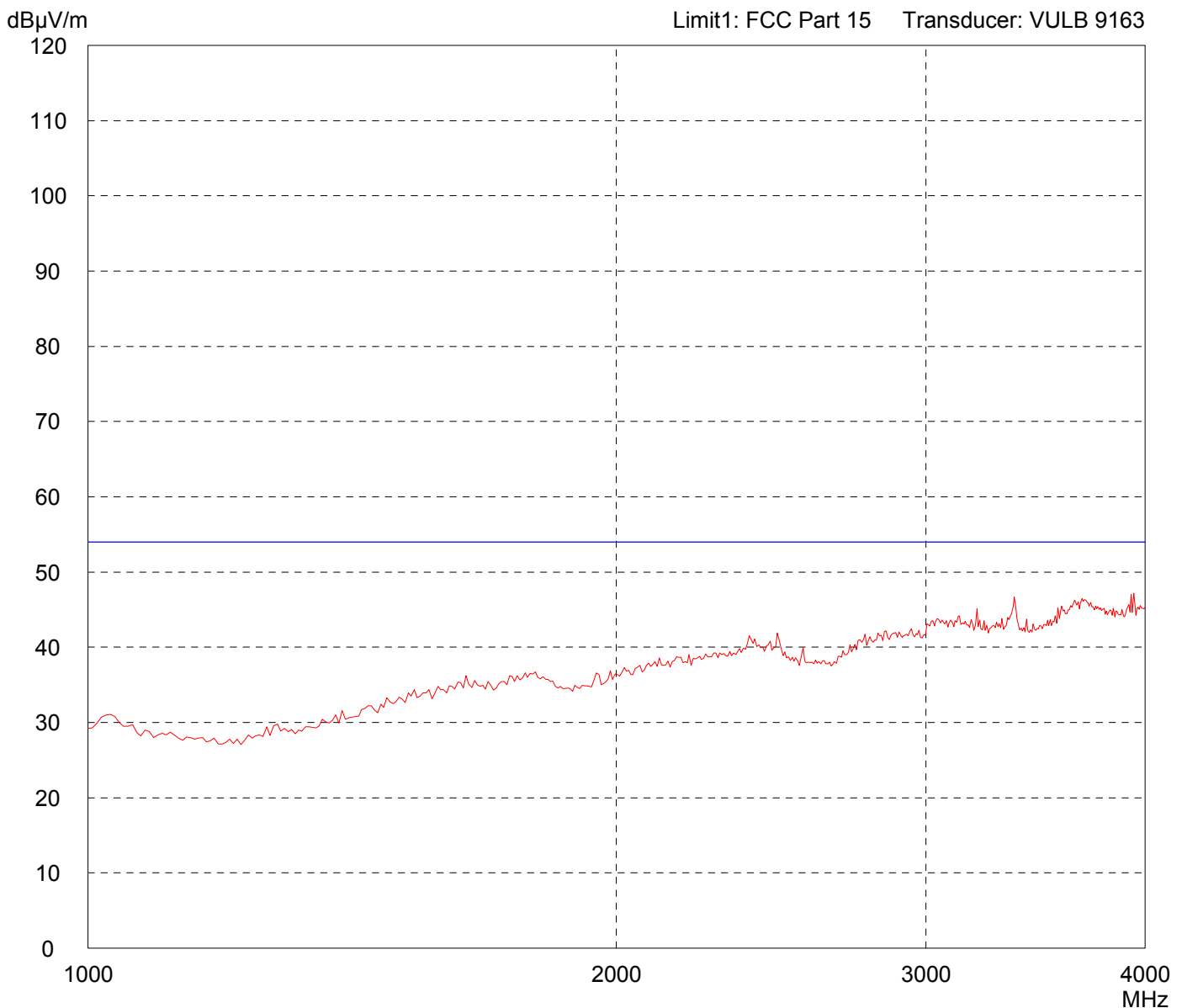
|                              |                                       |
|------------------------------|---------------------------------------|
| Result:<br><b>Limit kept</b> | Project file:<br><b>56109-50142-2</b> |
|                              | Page    of    Pages                   |

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

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| Detector:<br><b>Peak</b> | List of values:<br><b>Selected by hand</b> |
|--------------------------|--------------------------------------------|



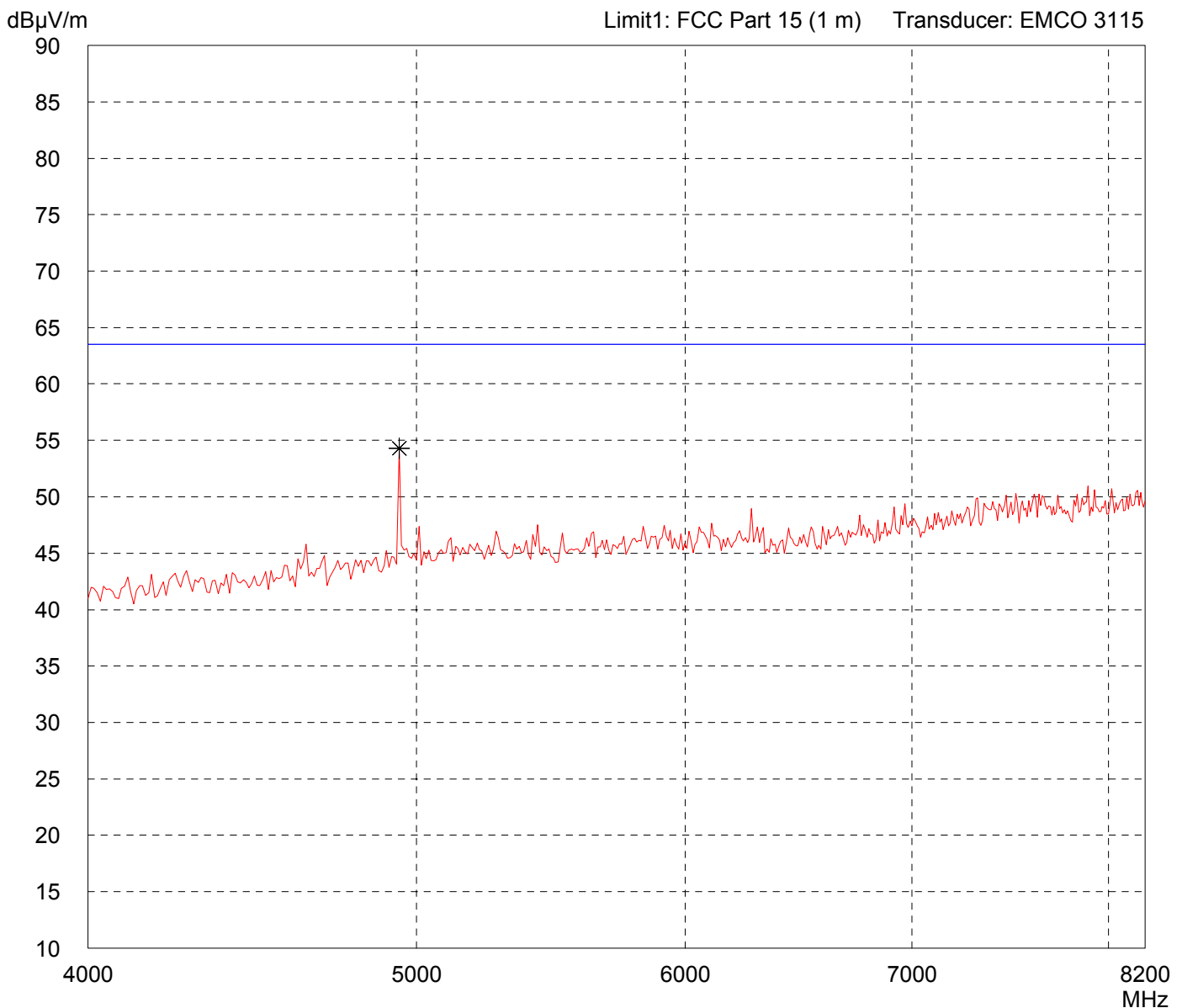
|                              |                                       |
|------------------------------|---------------------------------------|
| Result:<br><b>Limit kept</b> | Project file:<br><b>56109-50142-2</b> |
|                              | Page    of    Pages                   |

# Radiated Emission Test 4 GHz - 8.2 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

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

|                   |                                                                                 |
|-------------------|---------------------------------------------------------------------------------|
| Detector:<br>Peak | List of values:<br>10 dB Margin <span style="float: right;">50 Subranges</span> |
|-------------------|---------------------------------------------------------------------------------|

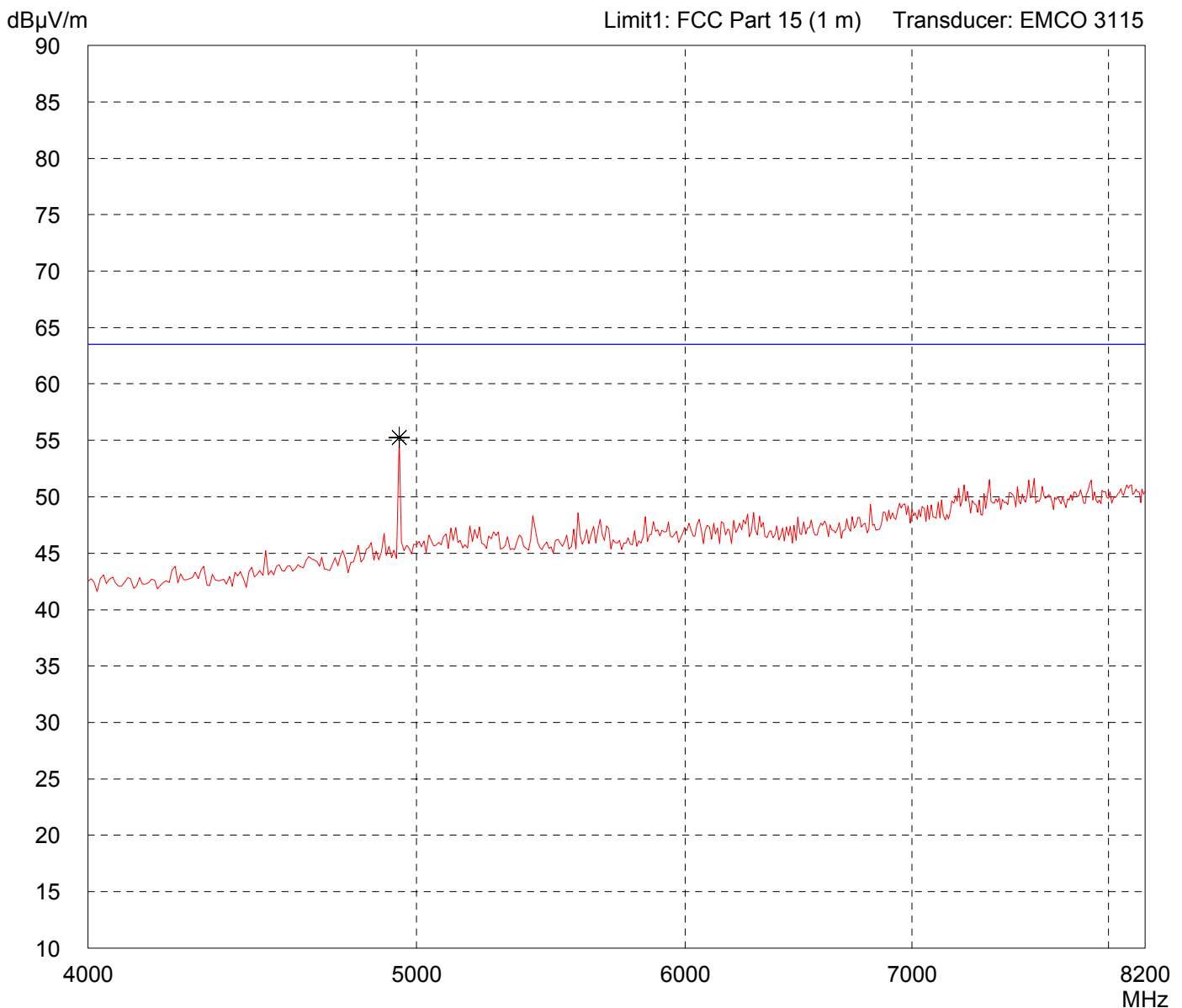


|                       |                                |
|-----------------------|--------------------------------|
| Result:<br>Limit kept | Project file:<br>56109-50142-4 |
|                       | Page    of    Pages            |

# Radiated Emission Test 4 GHz - 8.2 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

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

|                   |                                                                                 |
|-------------------|---------------------------------------------------------------------------------|
| Detector:<br>Peak | List of values:<br>10 dB Margin <span style="float: right;">50 Subranges</span> |
|-------------------|---------------------------------------------------------------------------------|



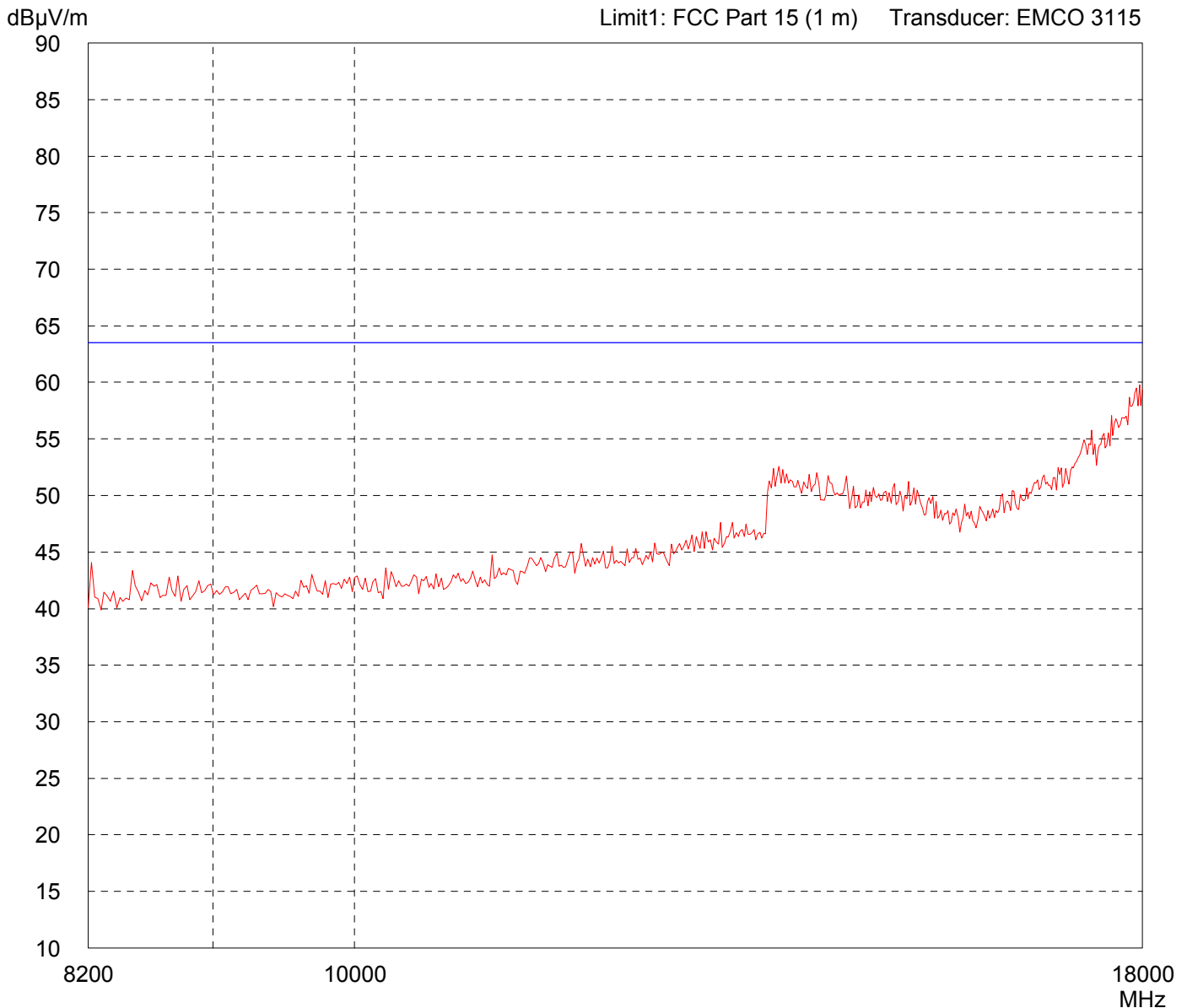
|                       |                                |
|-----------------------|--------------------------------|
| Result:<br>Limit kept | Project file:<br>56109-50142-4 |
|                       | Page    of    Pages            |

# Radiated Emission Test 8.2 GHz - 18 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

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

|                   |                                     |
|-------------------|-------------------------------------|
| Detector:<br>Peak | List of values:<br>Selected by hand |
|-------------------|-------------------------------------|



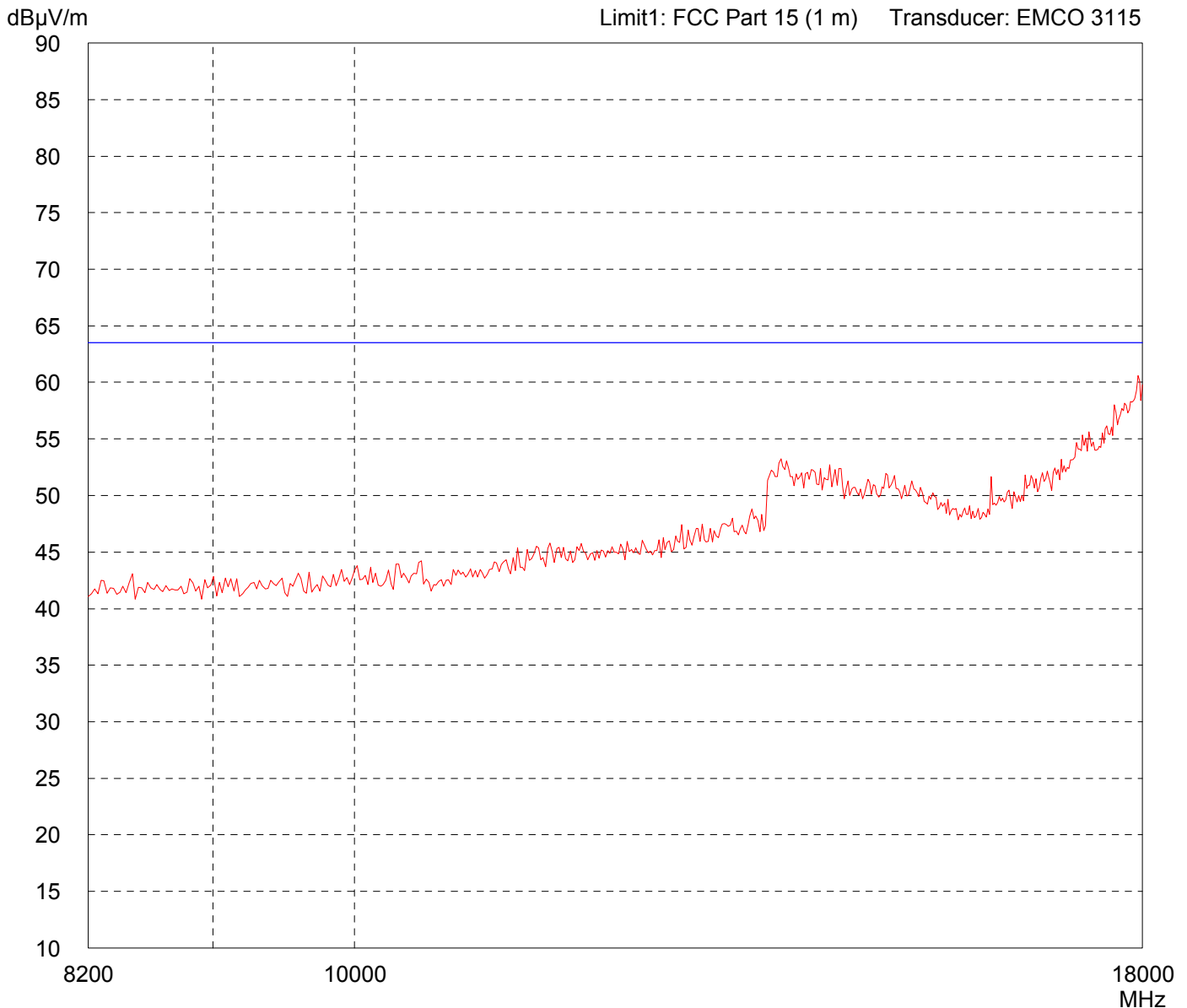
|                       |                                |
|-----------------------|--------------------------------|
| Result:<br>Limit kept | Project file:<br>56109-50142-4 |
|                       | Page      of      Pages        |

# Radiated Emission Test 8.2 GHz - 18 GHz acc. to FCC Part 15 (Fully Anechoic Chamber)

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

|                          |                                            |
|--------------------------|--------------------------------------------|
| Detector:<br><b>Peak</b> | List of values:<br><b>Selected by hand</b> |
|--------------------------|--------------------------------------------|



|                              |                                       |
|------------------------------|---------------------------------------|
| Result:<br><b>Limit kept</b> | Project file:<br><b>56109-50142-4</b> |
|                              | Page    of    Pages                   |

## Spurious Emissions Measurement

Model:  
CL 4424

Serial No.:  
RS 232

Applicant:  
AEROCOMM, Inc.

Mode:

- Radiated Measurement at 0.5 m test distance

- Reading without antenna correction

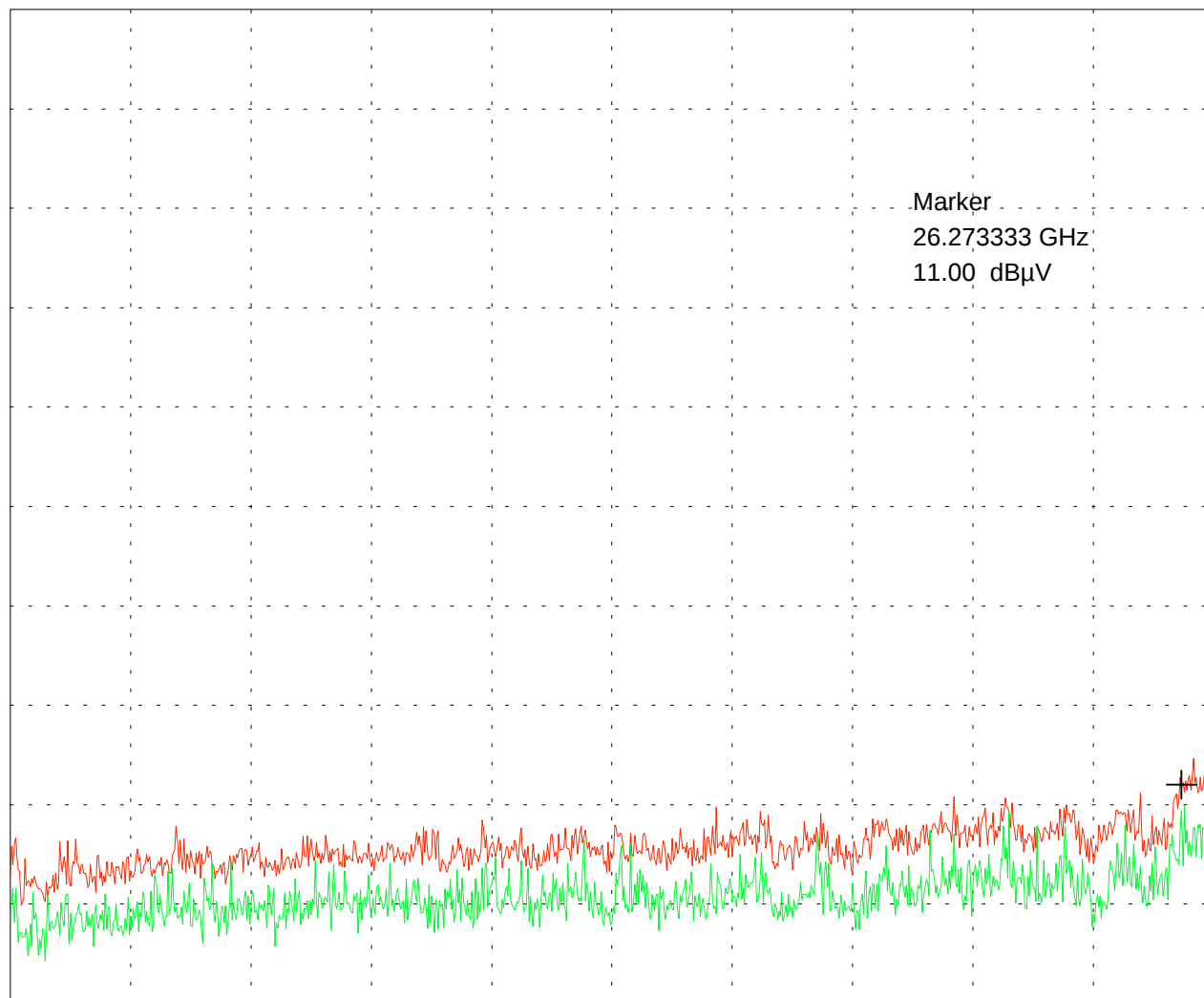
- Red trace = horizontal, green trace = vertical

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

- High Channel

Ref. Level 50 dB $\mu$ V  
5 dB/Div.

ATT 0 dB



Start 18.000 GHz  
RBW 100 kHz

VBW 100 kHz

Stop 26.500 GHz  
SWP 2.60 s

Tested by:  
Johann Roidt

Date:  
22 April 2005

Project-No.:  
56109-050142-x

Page of pages