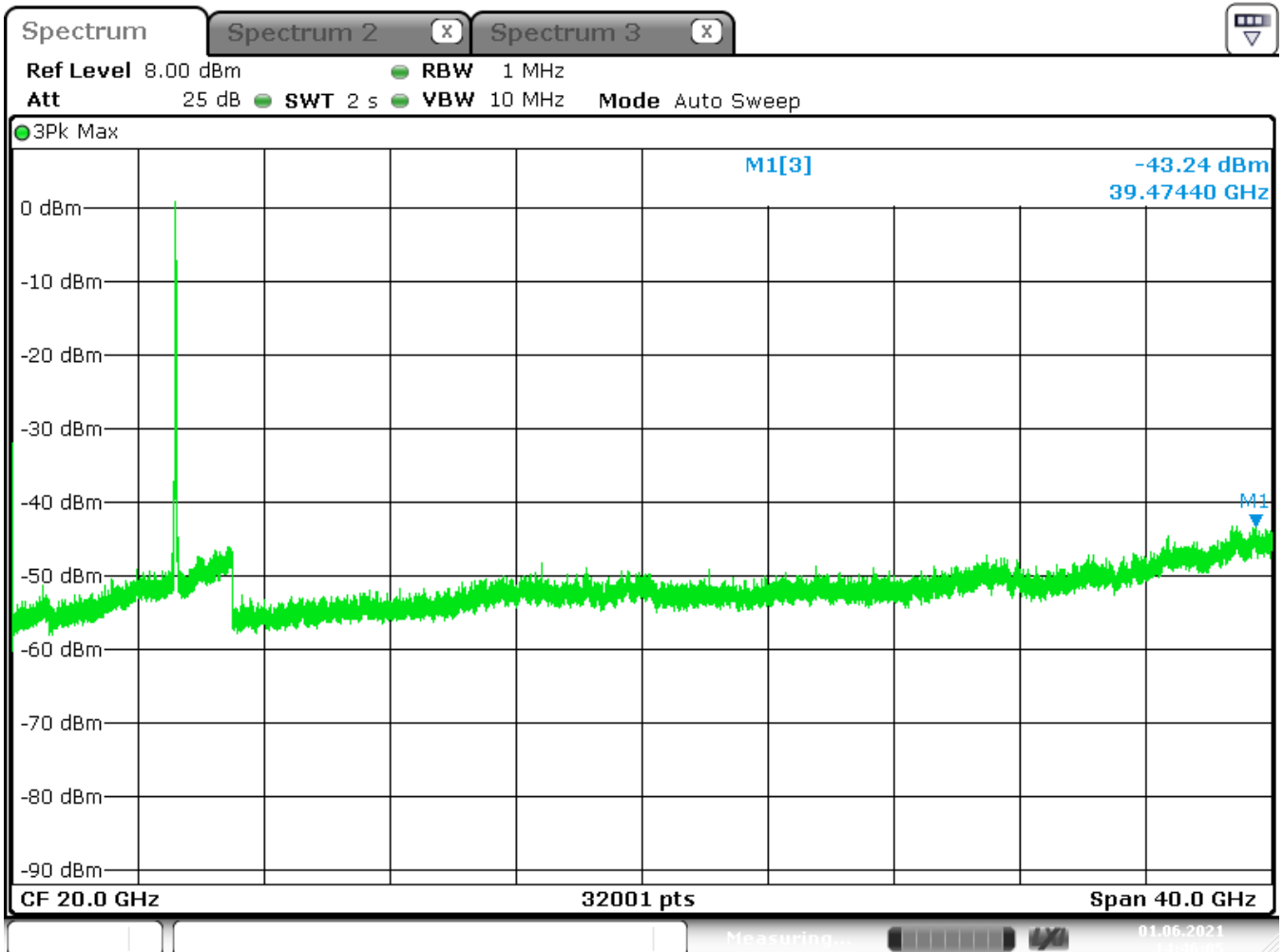


4.9. Undesirable Emission Limits

§ 15.407(b)
 6.2.1 (2)

Conducted measurement – Antenna 1

Setup: CH 36: 5180 MHz



Date: 1 JUN 2021 14:46:05

LIMIT SUBCLAUSE 15.407(b)(1) – 6.2.1 (2)

For transmitters operating in the 5.15-5.25 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
--	--

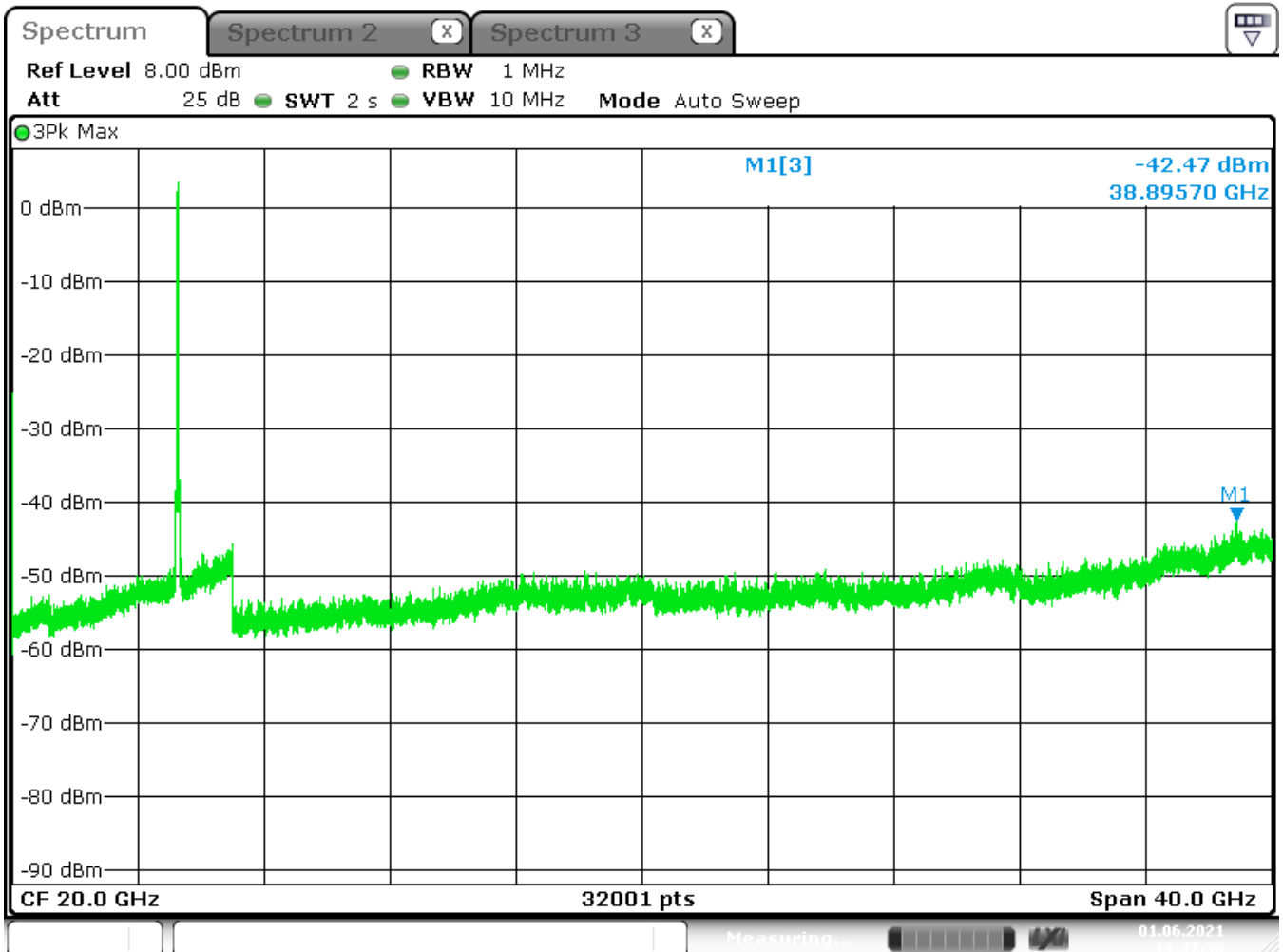
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.1 (2)

Conducted measurement – Antenna 1

Setup: CH 48: 5240 MHz



Date: 1 JUN 2021 14:47:31

LIMIT SUBCLAUSE 15.407(b)(1) – 6.2.1 (2)

For transmitters operating in the 5.15-5.25 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
--	--

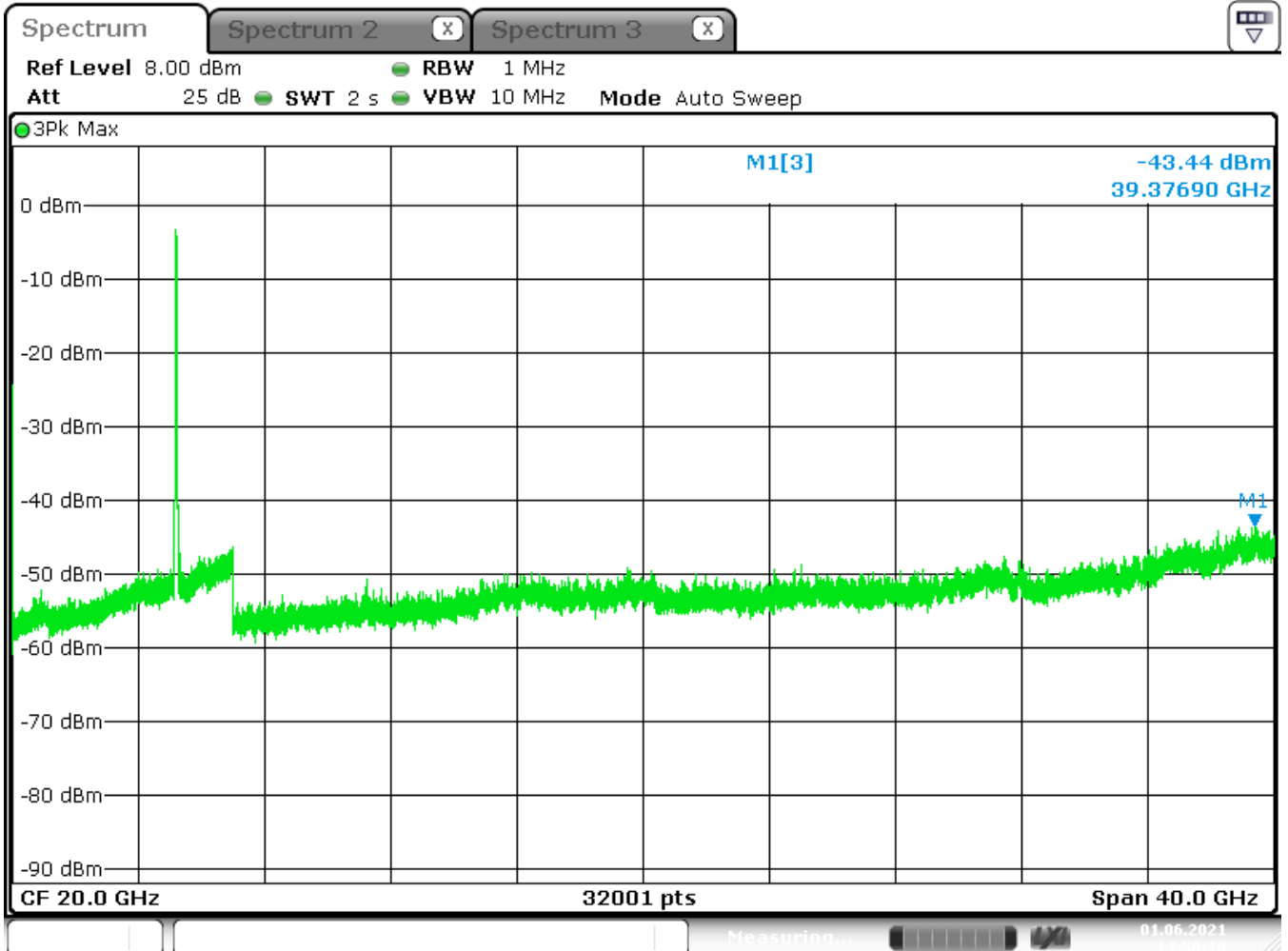
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.1 (2)

Conducted measurement – Antenna 1

Setup: CH 38: 5190 MHz



Date: 1 JUN 2021 14:50:19

LIMIT SUBCLAUSE 15.407(b)(1) – 6.2.1 (2)

For transmitters operating in the 5.15-5.25 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
--	--

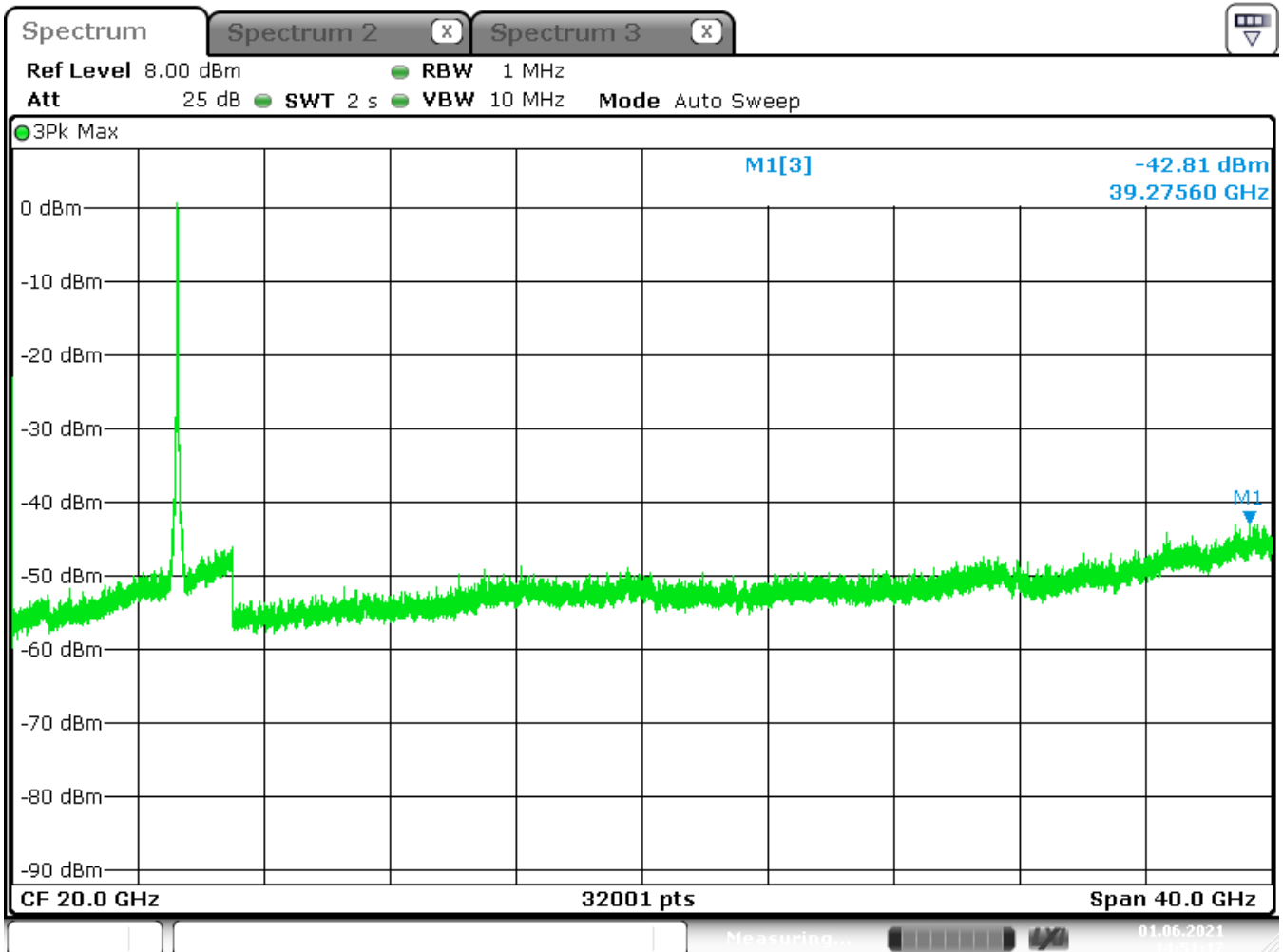
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.1 (2)

Conducted measurement – Antenna 1

Setup: CH 46: 5230 MHz



Date: 1 JUN 2021 14:51:17

LIMIT SUBCLAUSE 15.407(b)(1) – 6.2.1 (2)

For transmitters operating in the 5.15-5.25 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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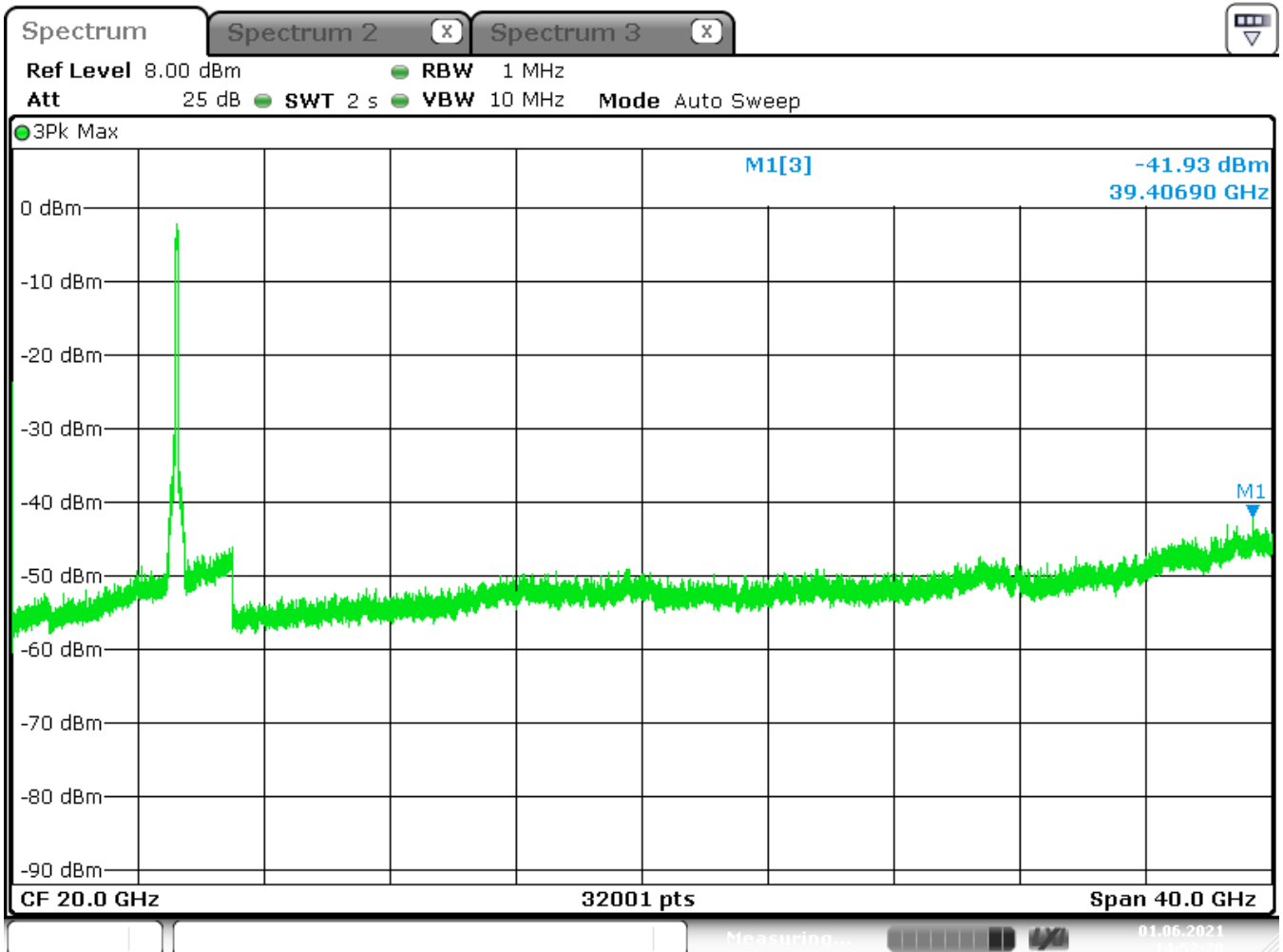
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.1 (2)

Conducted measurement – Antenna 1

Setup: CH 42: 5210 MHz



Date: 1 JUN 2021 14:52:21

LIMIT SUBCLAUSE 15.407(b)(1) – 6.2.1 (2)

For transmitters operating in the 5.15-5.25 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
--	--

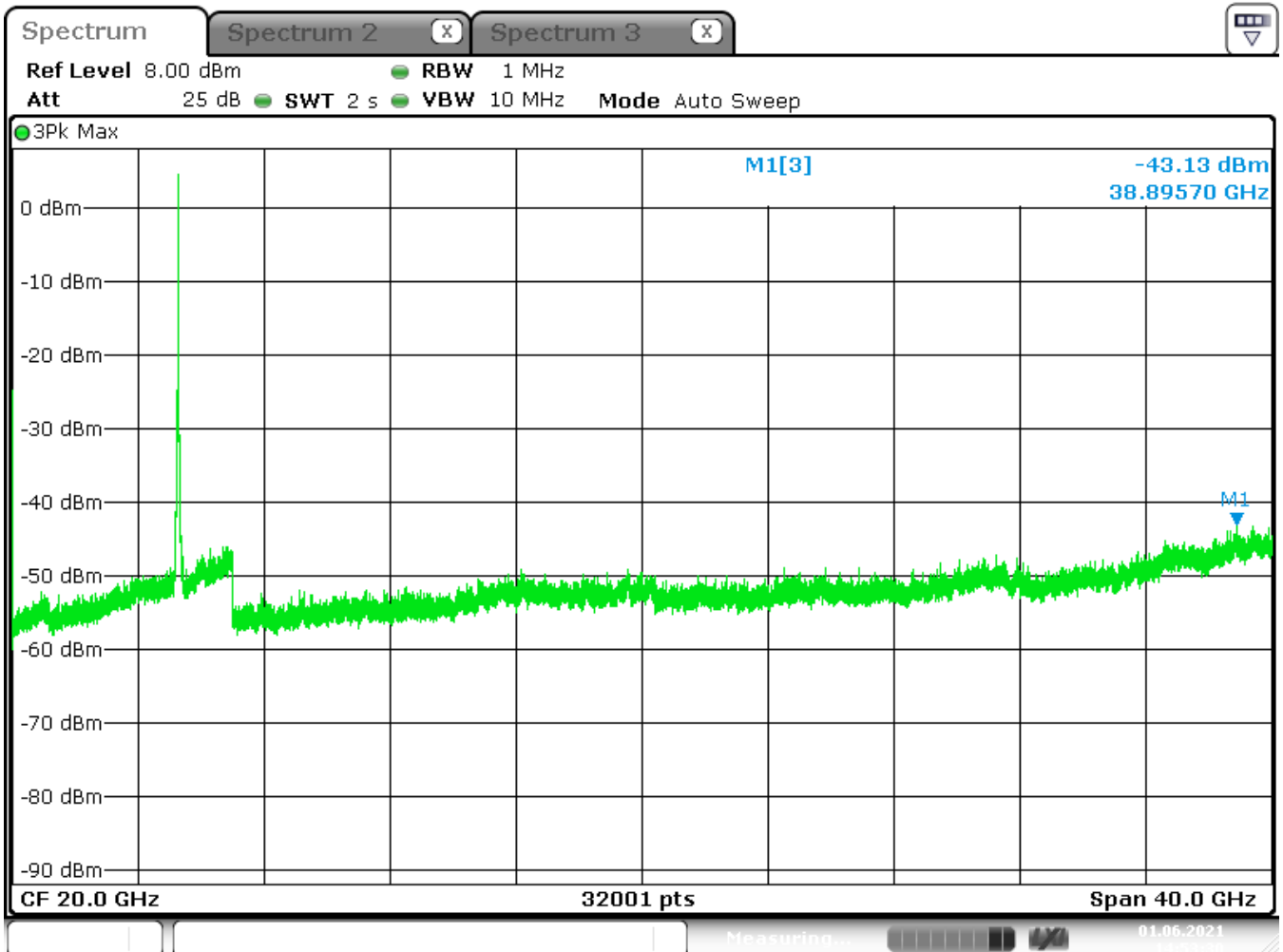
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.2.2

Conducted measurement – Antenna 1

Setup: CH 52: 5260 MHz



Date: 1 JUN 2021 14:53:30

LIMIT SUBCLAUSE 15.407(b)(2) – 6.2.2.2

For transmitters operating in the 5.25-5.35 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
--	--

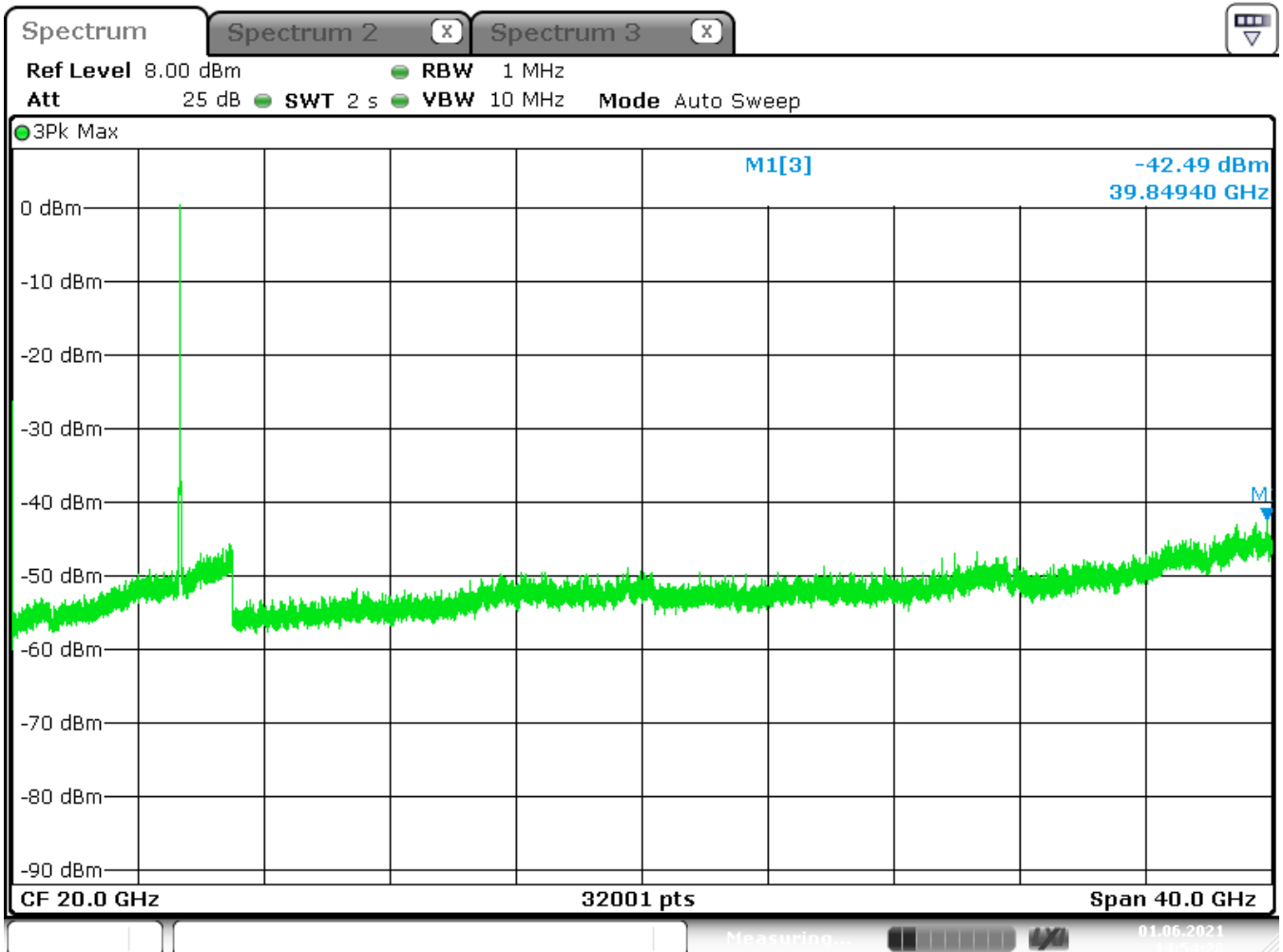
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.2.2

Conducted measurement – Antenna 1

Setup: CH 64: 5320 MHz



Date: 1 JUN 2021 14:54:29

LIMIT SUBCLAUSE 15.407(b)(2) – 6.2.2.2

For transmitters operating in the 5.25-5.35 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
--	--

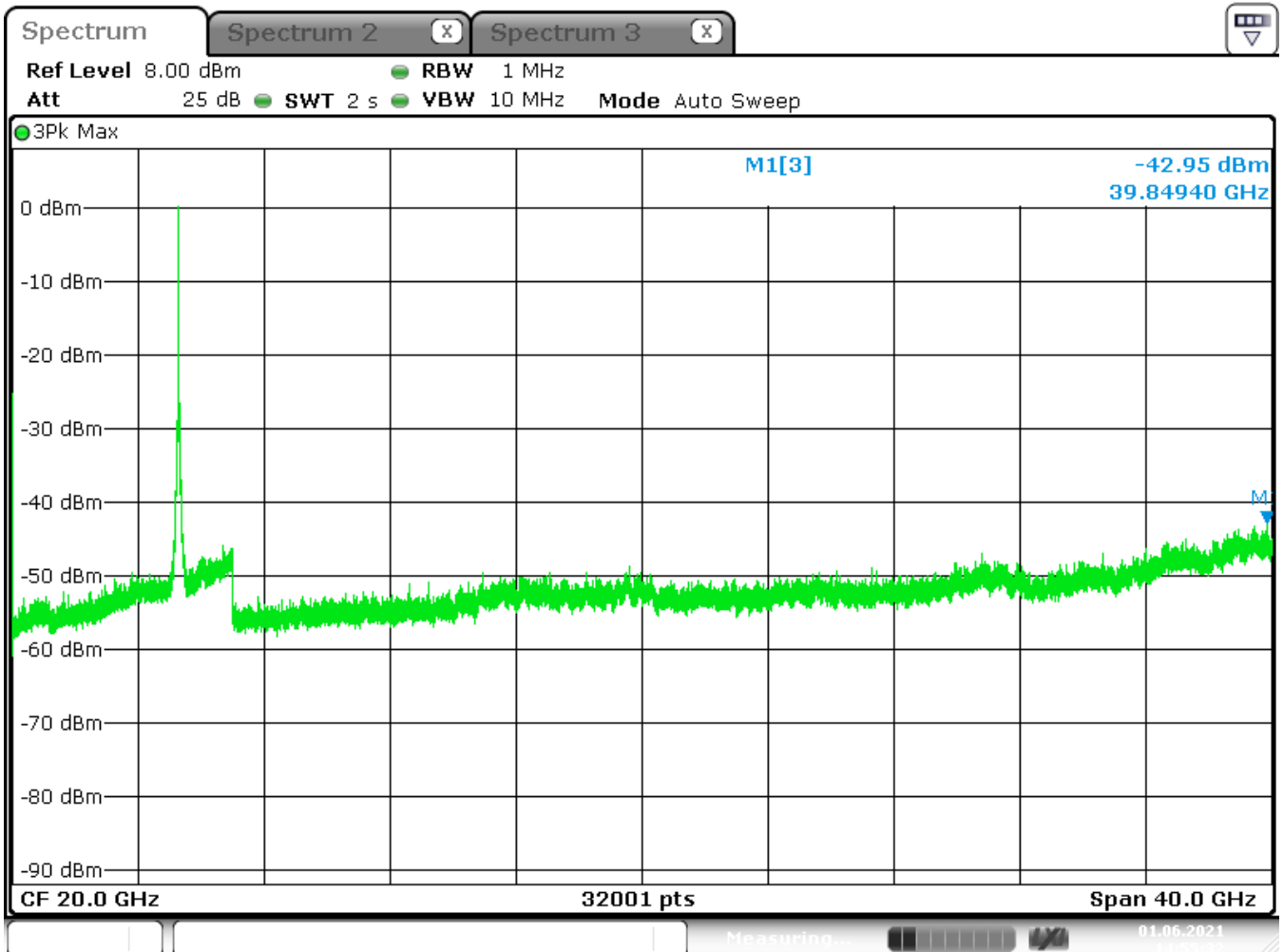
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.2.2

Conducted measurement – Antenna 1

Setup: CH 54: 5270 MHz



Date: 1 JUN 2021 14:55:32

LIMIT SUBCLAUSE 15.407(b)(2) – 6.2.2.2

For transmitters operating in the 5.25-5.35 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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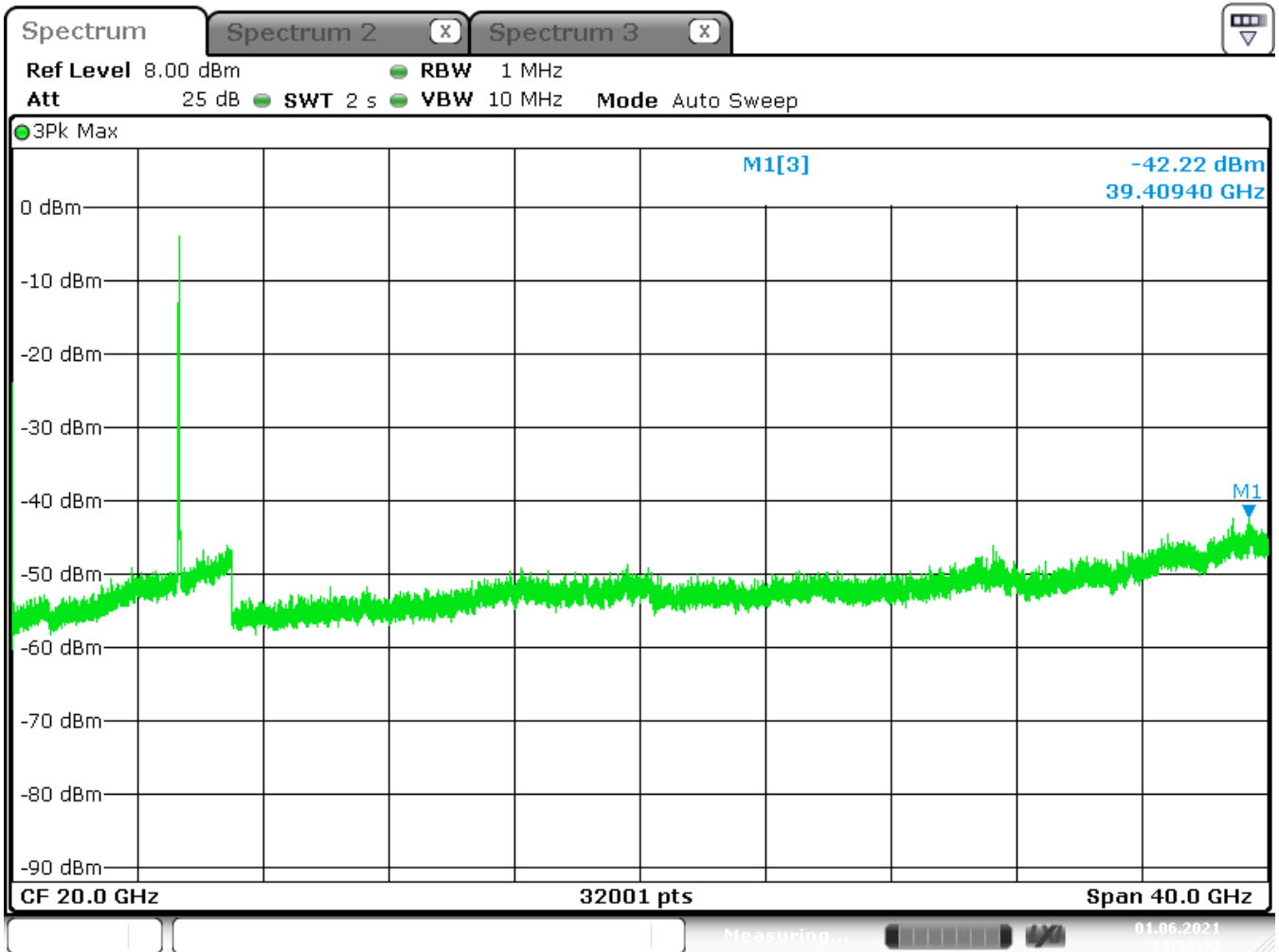
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.2.2

Conducted measurement – Antenna 1

Setup: CH 62: 5310 MHz



Date: 1 JUN 2021 14:56:42

LIMIT SUBCLAUSE 15.407(b)(2) – 6.2.2.2

For transmitters operating in the 5.25-5.35 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
--	--

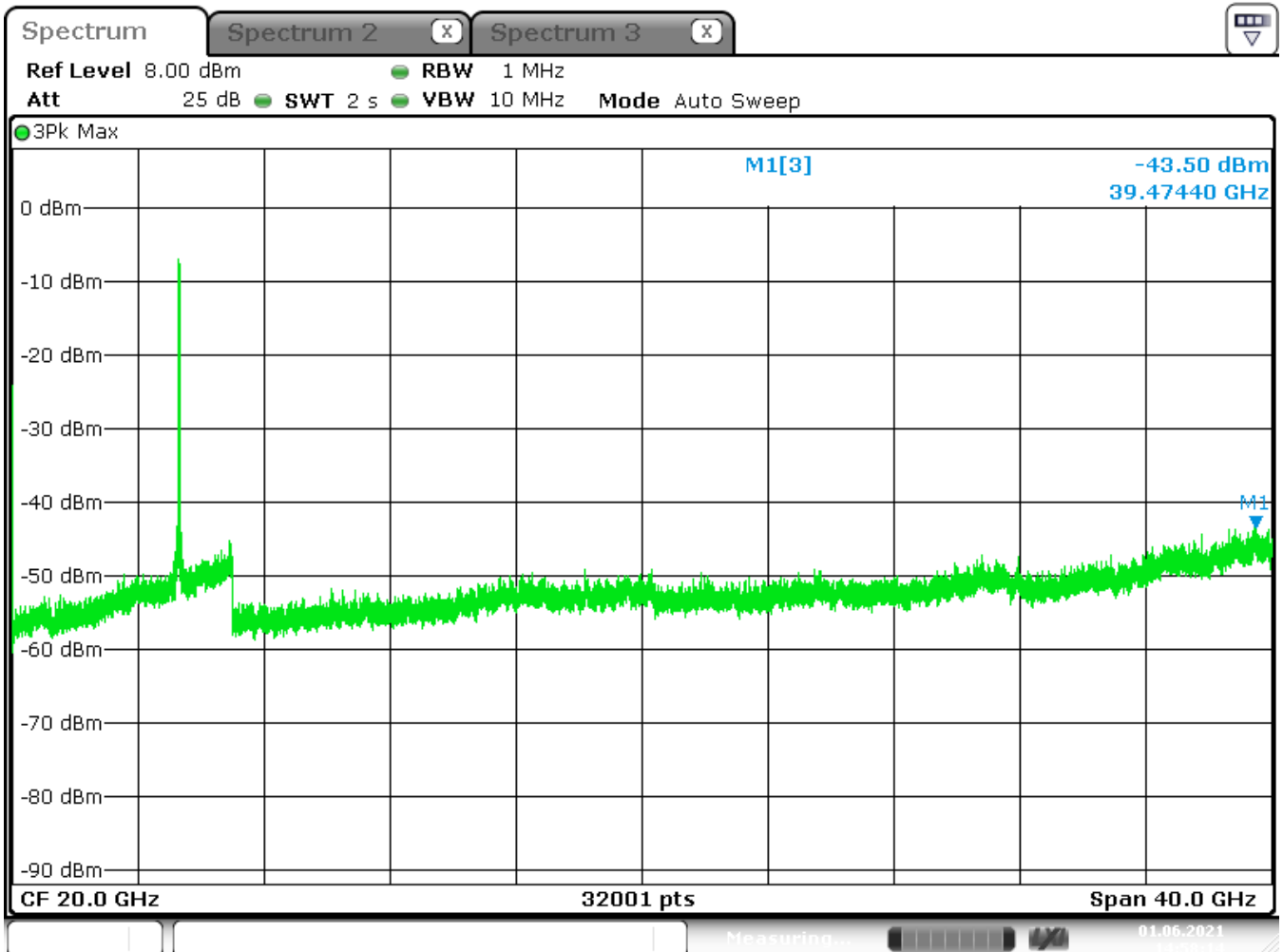
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.2.2

Conducted measurement – Antenna 1

Setup: CH 58: 5290 MHz



Date: 1 JUN 2021 14:58:14

LIMIT SUBCLAUSE 15.407(b)(2) – 6.2.2.2

For transmitters operating in the 5.25-5.35 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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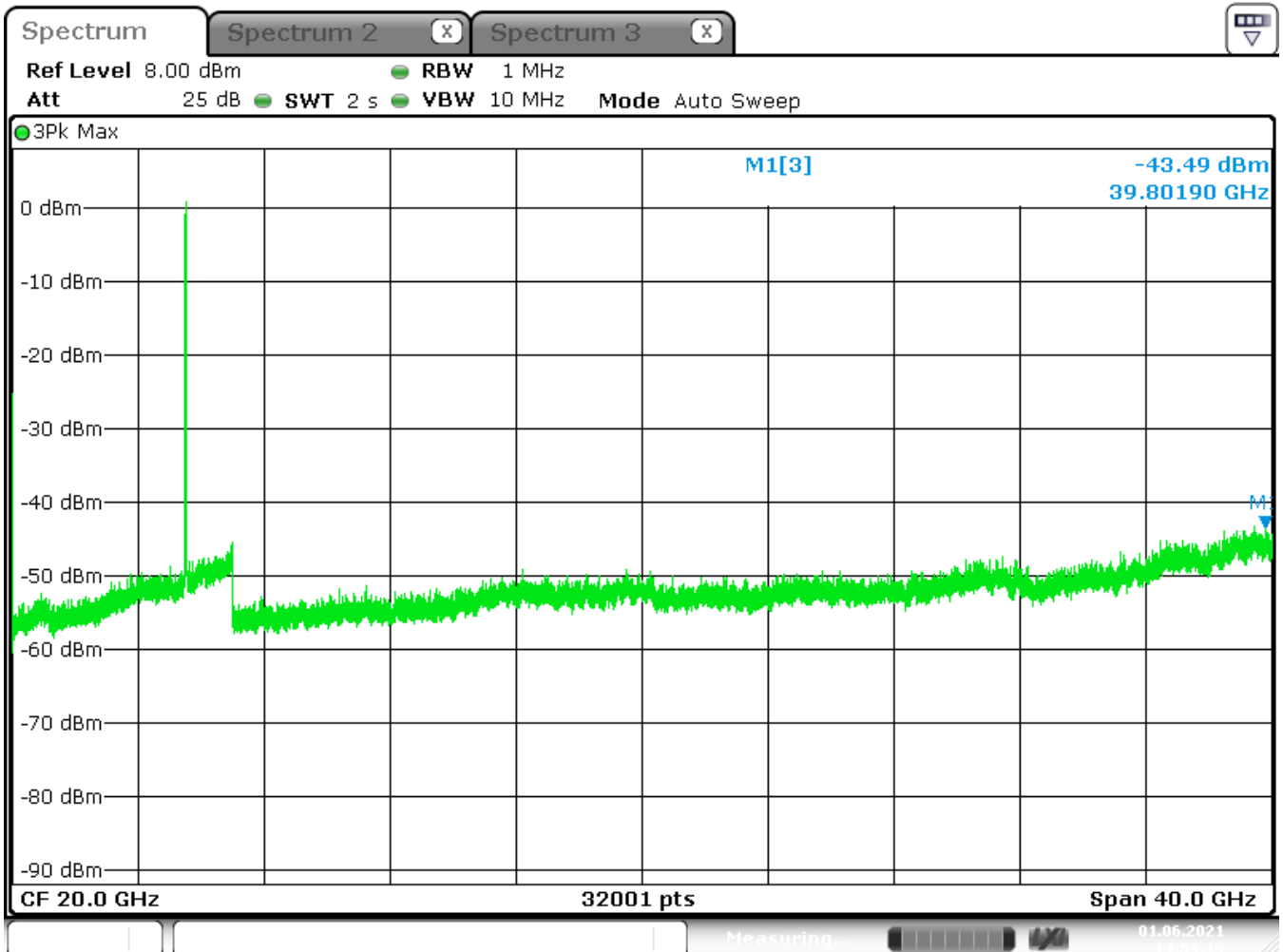
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.3.2

Conducted measurement – Antenna 1

Setup: CH 100: 5500 MHz



Date: 1 JUN 2021 14:59:19

LIMIT SUBCLAUSE 15.407(b)(3) – 6.2.3.2

For transmitters operating in the 5.47-5.725 GHz band	All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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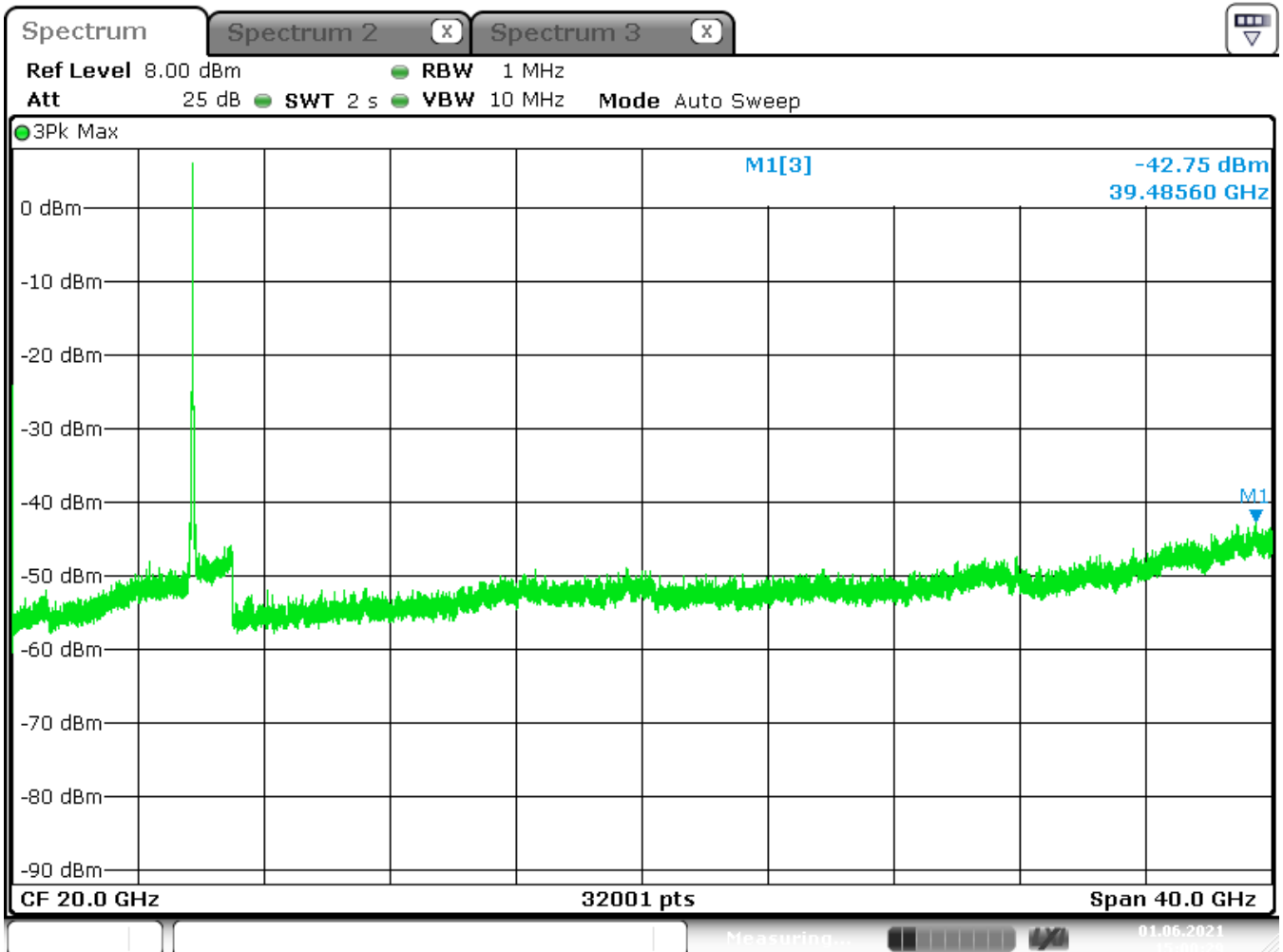
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.3.2

Conducted measurement – Antenna 1

Setup: CH 144: 5720 MHz



Date: 1 JUN 2021 15:00:29

LIMIT SUBCLAUSE 15.407(b)(3) – 6.2.3.2

For transmitters operating in the 5.47-5.725 GHz band	All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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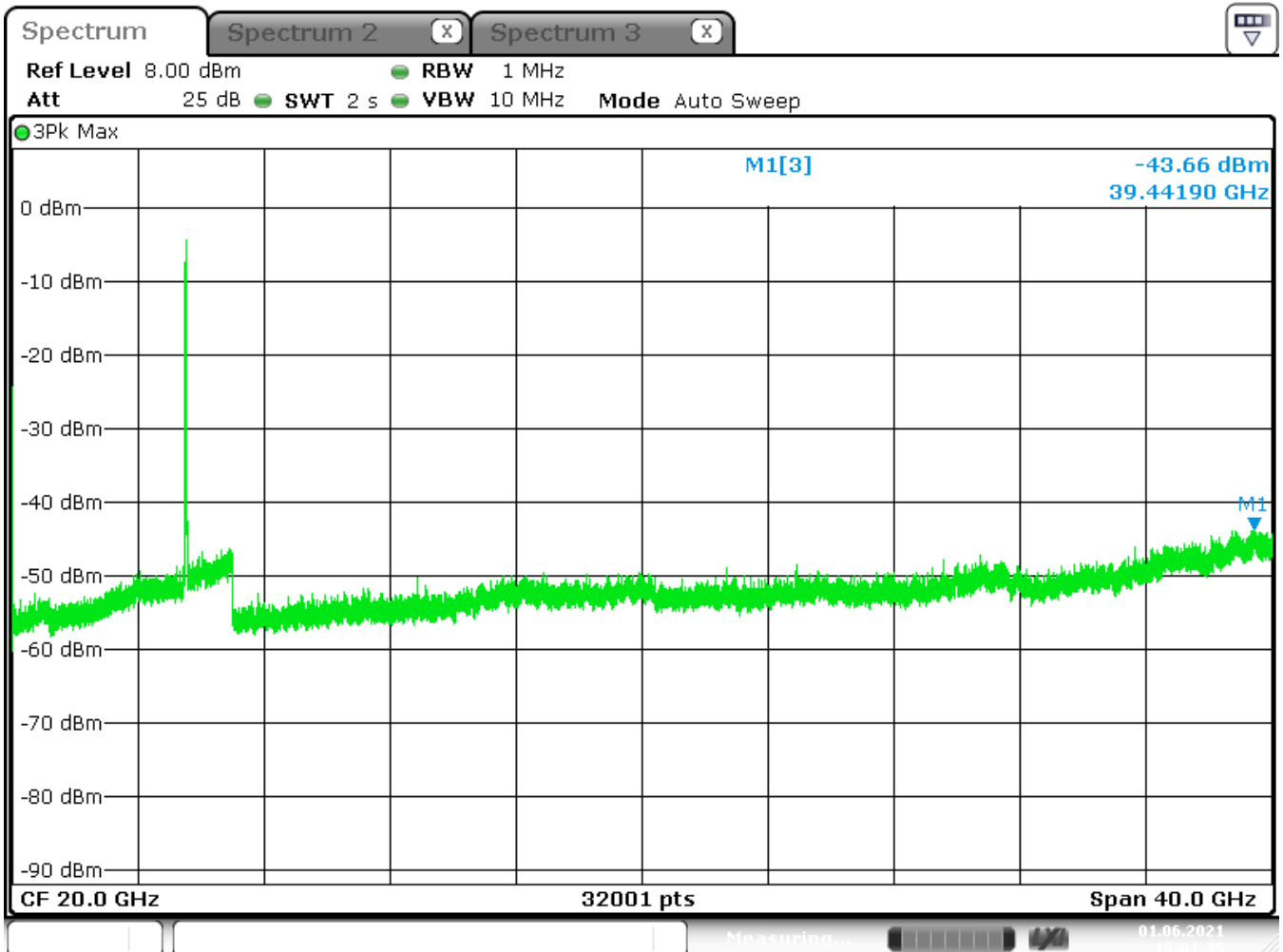
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.3.2

Conducted measurement – Antenna 1

Setup: CH 102: 5510 MHz



Date: 1 JUN 2021 15:01:35

LIMIT SUBCLAUSE 15.407(b)(3) – 6.2.3.2

For transmitters operating in the 5.47-5.725 GHz band	All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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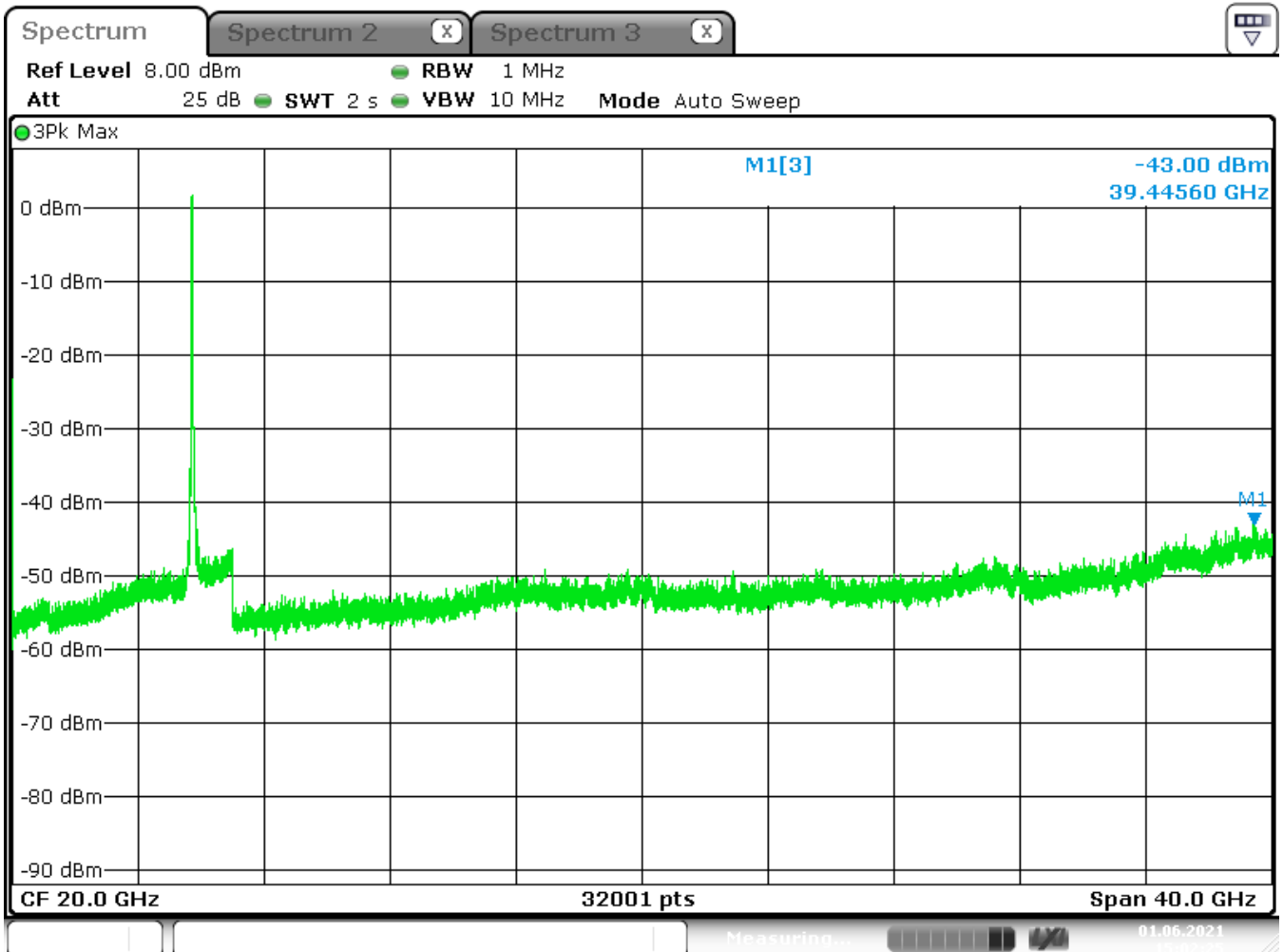
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.3.2

Conducted measurement – Antenna 1

Setup: CH 142: 5710 MHz



Date: 1 JUN 2021 15:02:26

LIMIT SUBCLAUSE 15.407(b)(3) – 6.2.3.2

For transmitters operating in the 5.47-5.725 GHz band	All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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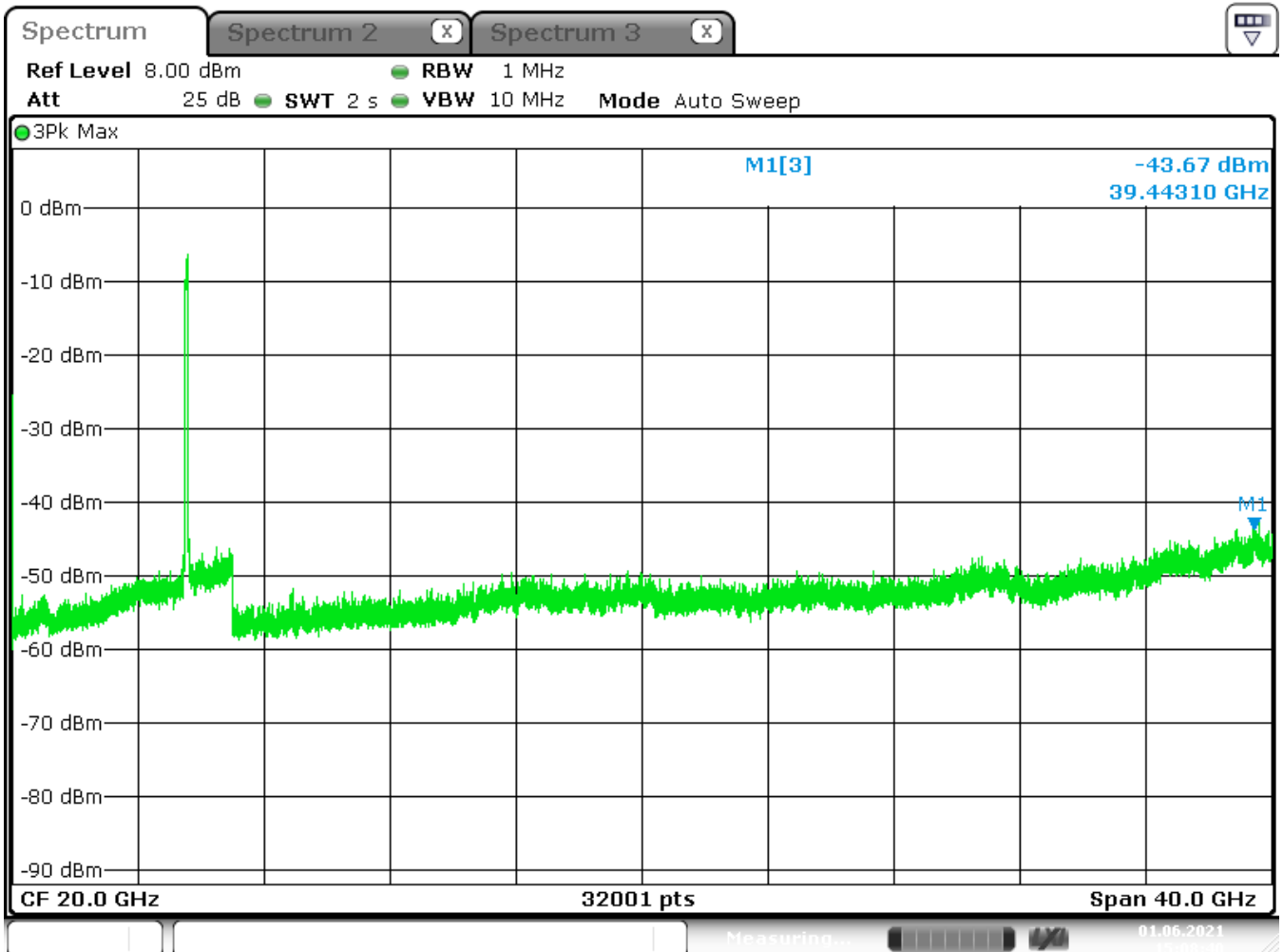
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.3.2

Conducted measurement – Antenna 1

Setup: CH 106: 5530 MHz



Date: 1 JUN 2021 15:08:40

LIMIT SUBCLAUSE 15.407(b)(3) – 6.2.3.2

For transmitters operating in the 5.47-5.725 GHz band	All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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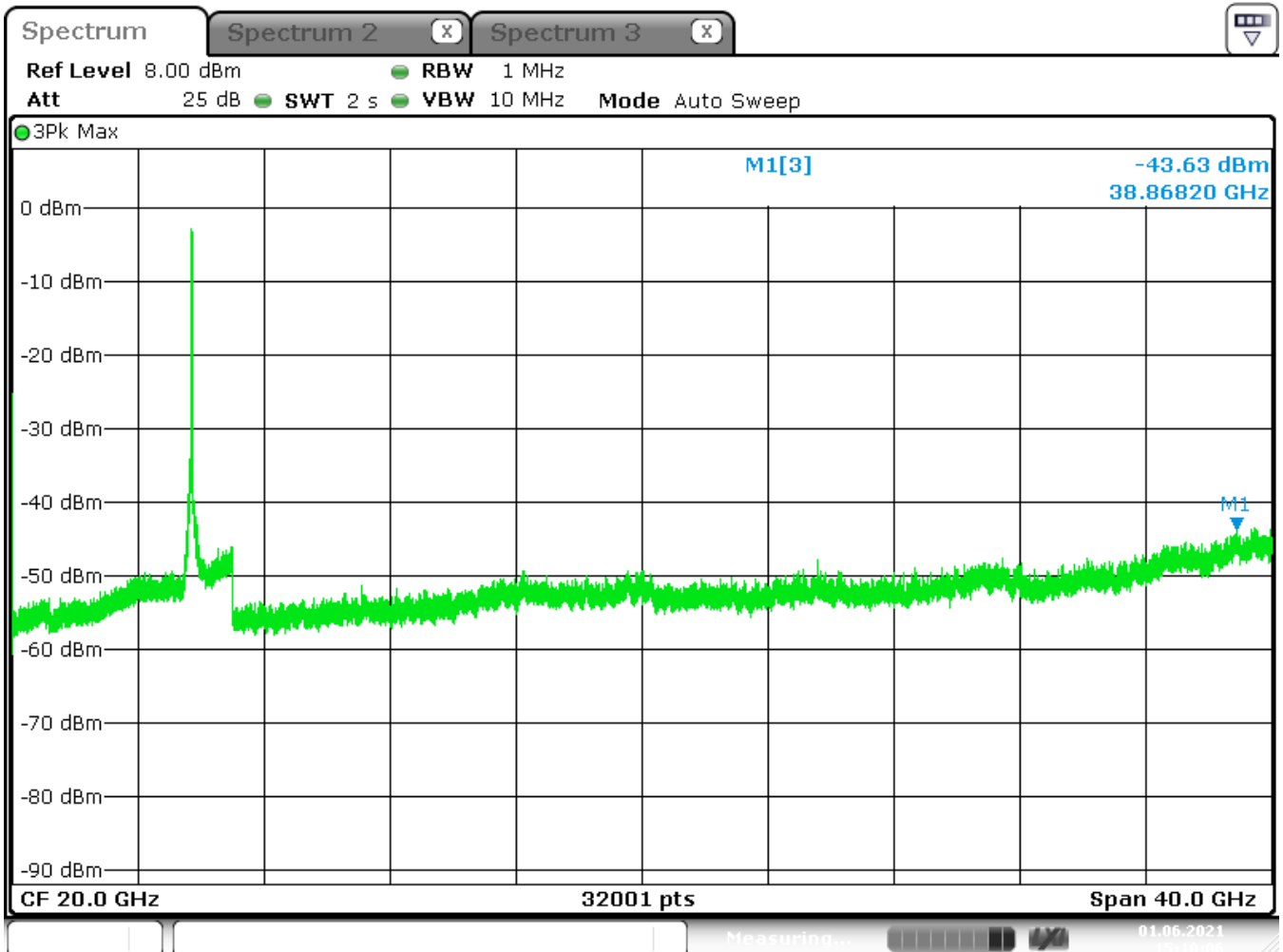
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.3.2

Conducted measurement – Antenna 1

Setup: CH 138: 5690 MHz



Date: 1 JUN 2021 15:10:06

LIMIT SUBCLAUSE 15.407(b)(3) – 6.2.3.2

For transmitters operating in the 5.47-5.725 GHz band	All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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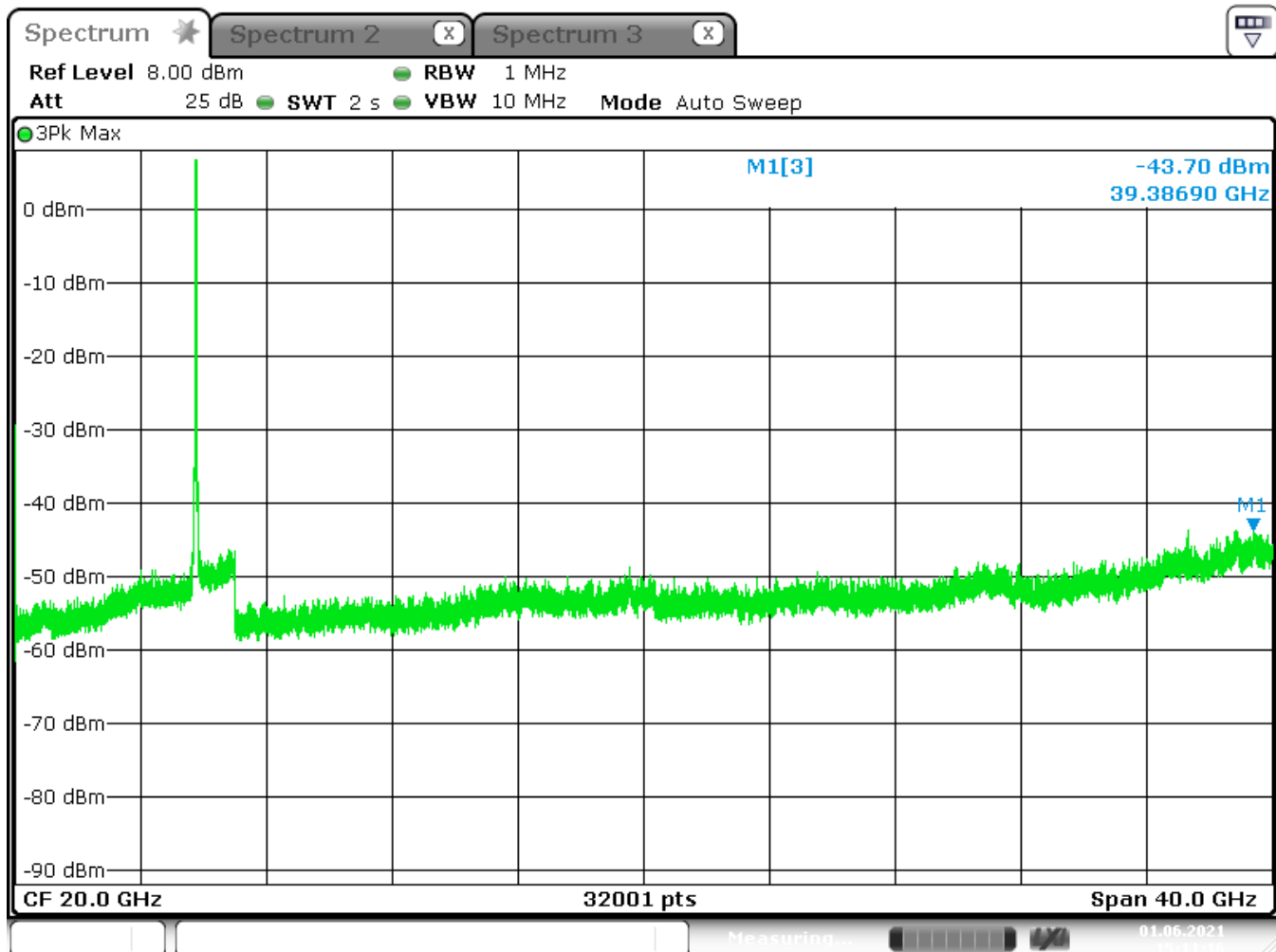
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.4.2

Conducted measurement – Antenna 1

Setup: CH 149: 5745 MHz



Date: 1 JUN 2021 15:11:16

LIMIT SUBCLAUSE 15.407(b)(4) – 6.2.4.2

<p>For transmitters operating in the 5.725-5.85 GHz band</p>	<p>All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.</p>
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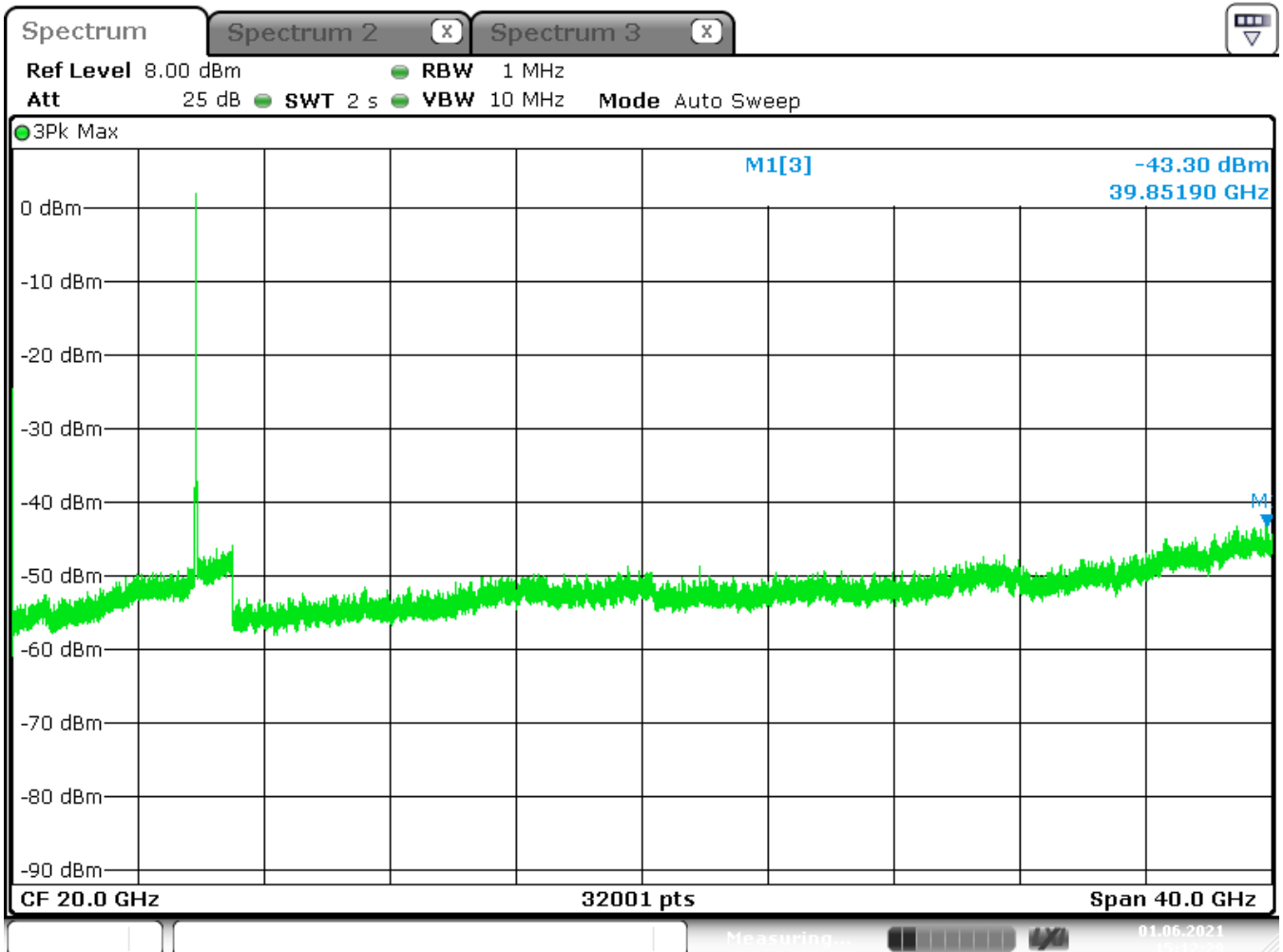
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
6.2.4.2

Conducted measurement – Antenna 1

Setup: CH 165: 5825 MHz



Date: 1 JUN 2021 15:12:30

LIMIT SUBCLAUSE 15.407(b)(4) – 6.2.4.2

<p>For transmitters operating in the 5.725-5.85 GHz band</p>	<p>All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.</p>
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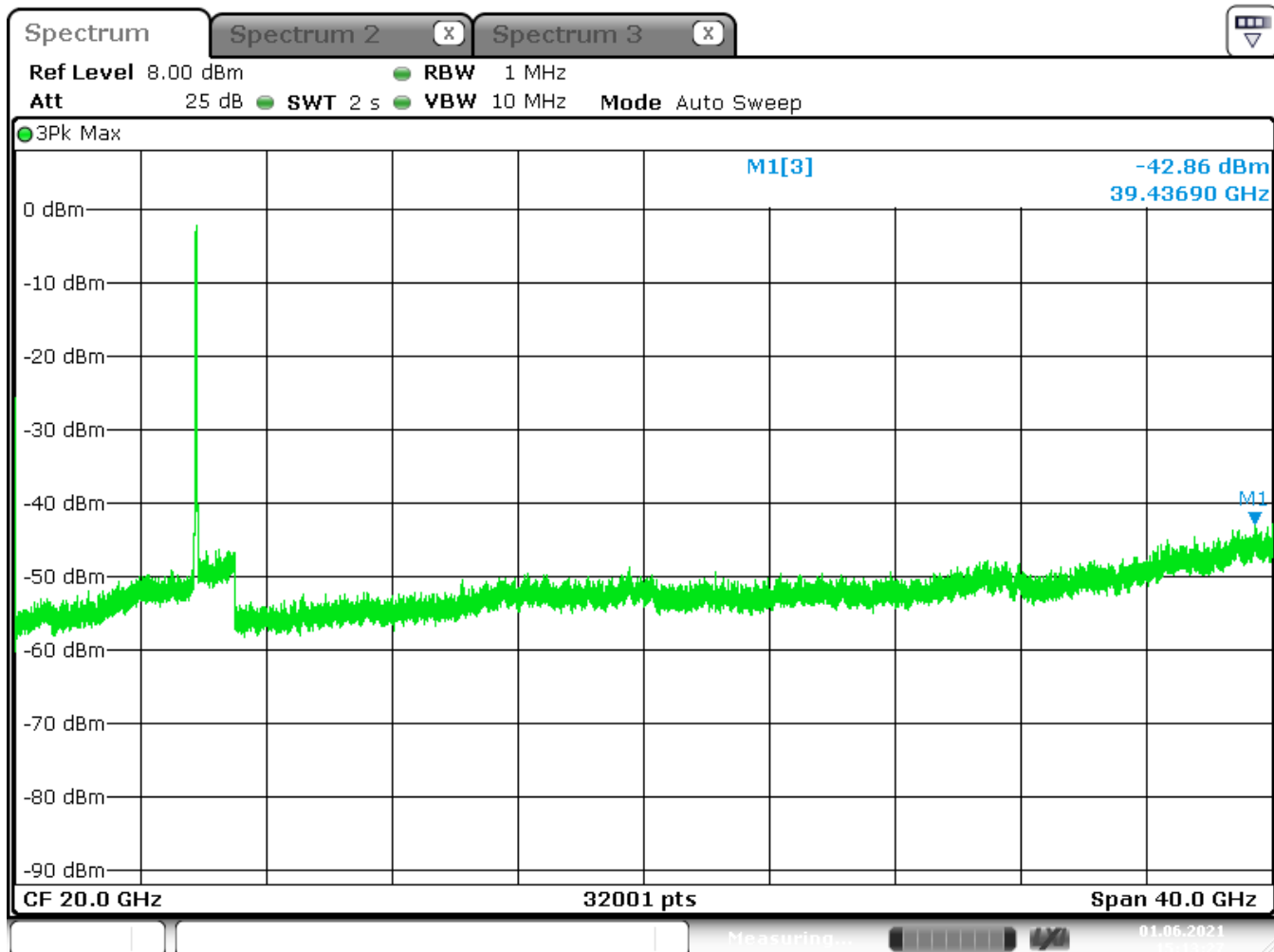
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
6.2.4.2

Conducted measurement – Antenna 1

Setup: CH 151: 5755 MHz



Date: 1 JUN 2021 15:13:27

LIMIT SUBCLAUSE 15.407(b)(4) – 6.2.4.2

<p>For transmitters operating in the 5.725-5.85 GHz band</p>	<p>All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.</p>
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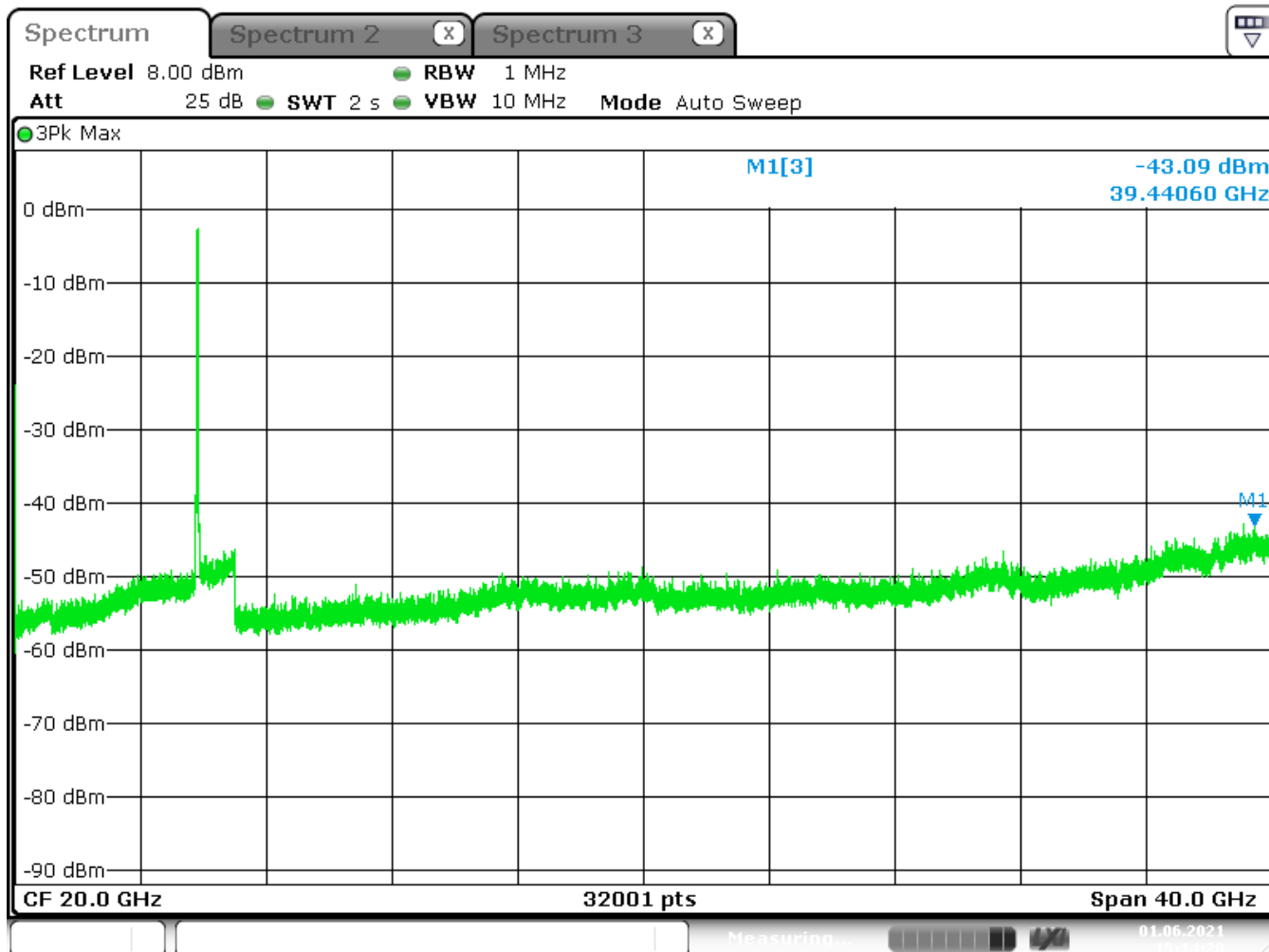
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
6.2.4.2

Conducted measurement – Antenna 1

Setup: CH 159: 5795 MHz



Date: 1 JUN 2021 15:14:21

LIMIT SUBCLAUSE 15.407(b)(4) – 6.2.4.2

<p>For transmitters operating in the 5.725-5.85 GHz band</p>	<p>All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.</p>
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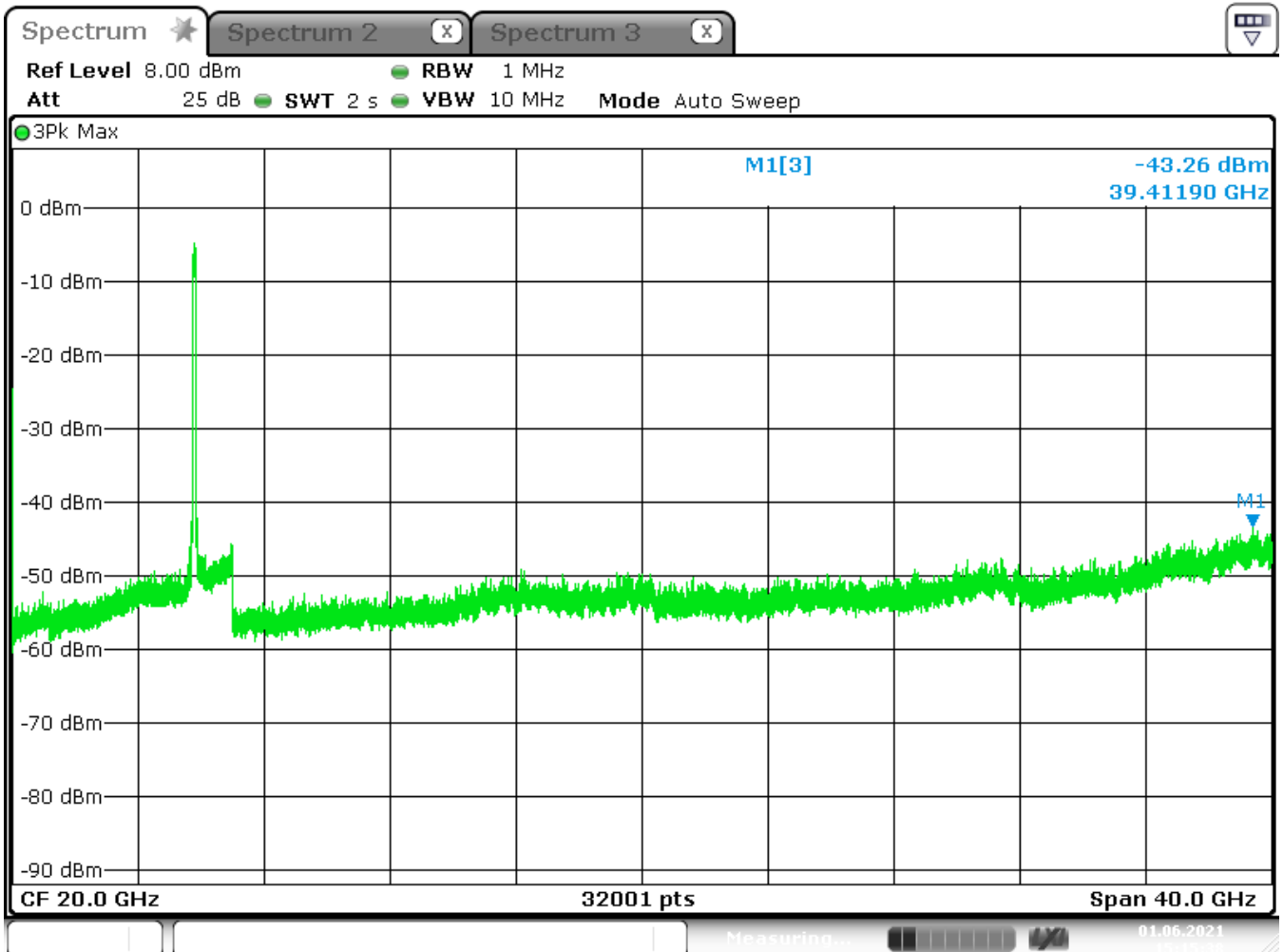
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
6.2.4.2

Conducted measurement – Antenna 1

Setup: CH 155: 5775 MHz



Date: 1 JUN 2021 15:15:39

LIMIT SUBCLAUSE 15.407(b)(4) – 6.2.4.2

<p>For transmitters operating in the 5.725-5.85 GHz band</p>	<p>All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.</p>
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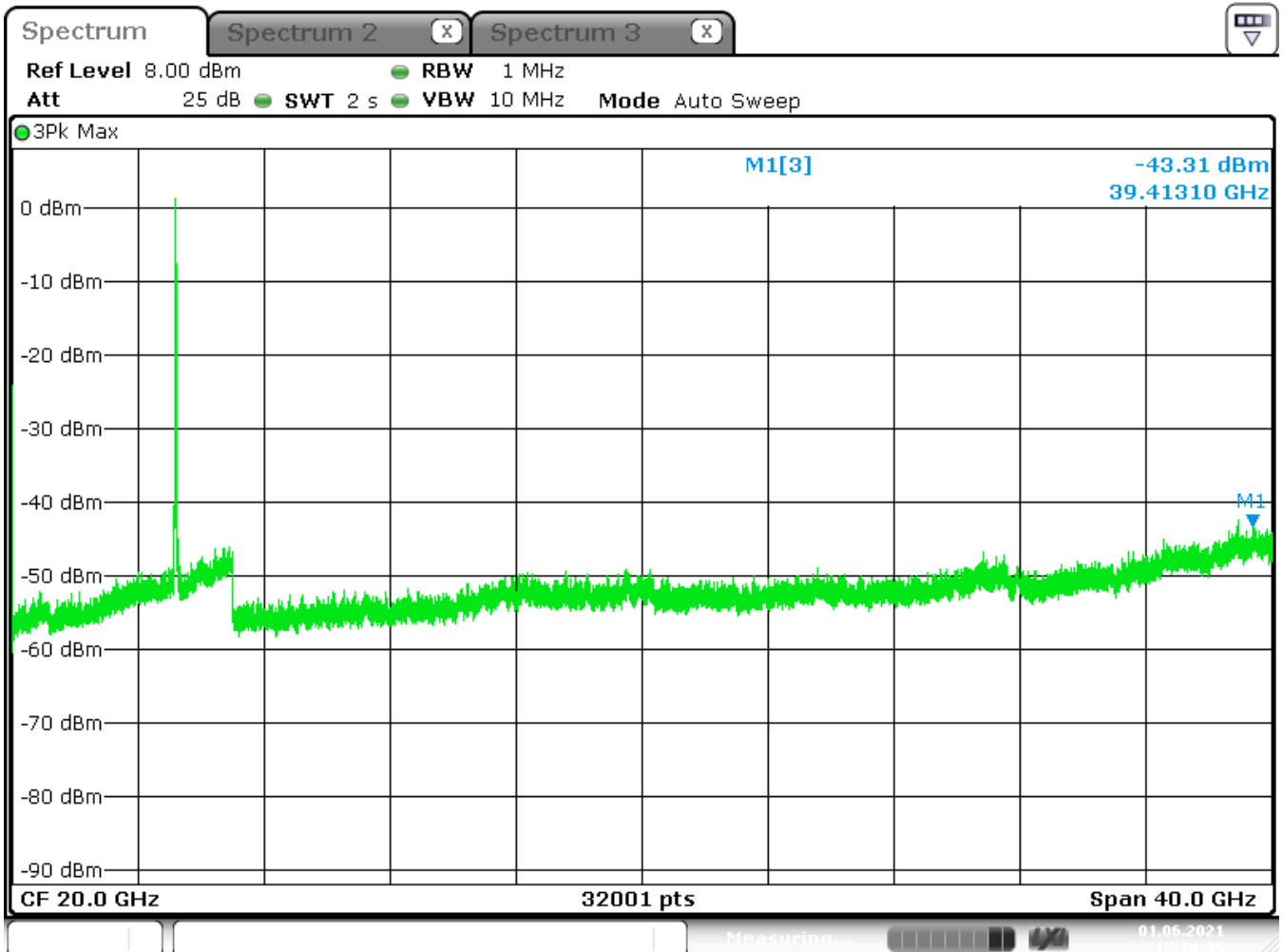
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.1.2

Conducted measurement – Antenna 2

Setup: CH 36: 5180 MHz



Date: 1 JUN 2021 15:18:10

LIMIT SUBCLAUSE 15.407(b)(1) – 6.2.1.2

For transmitters operating in the 5.15-5.25 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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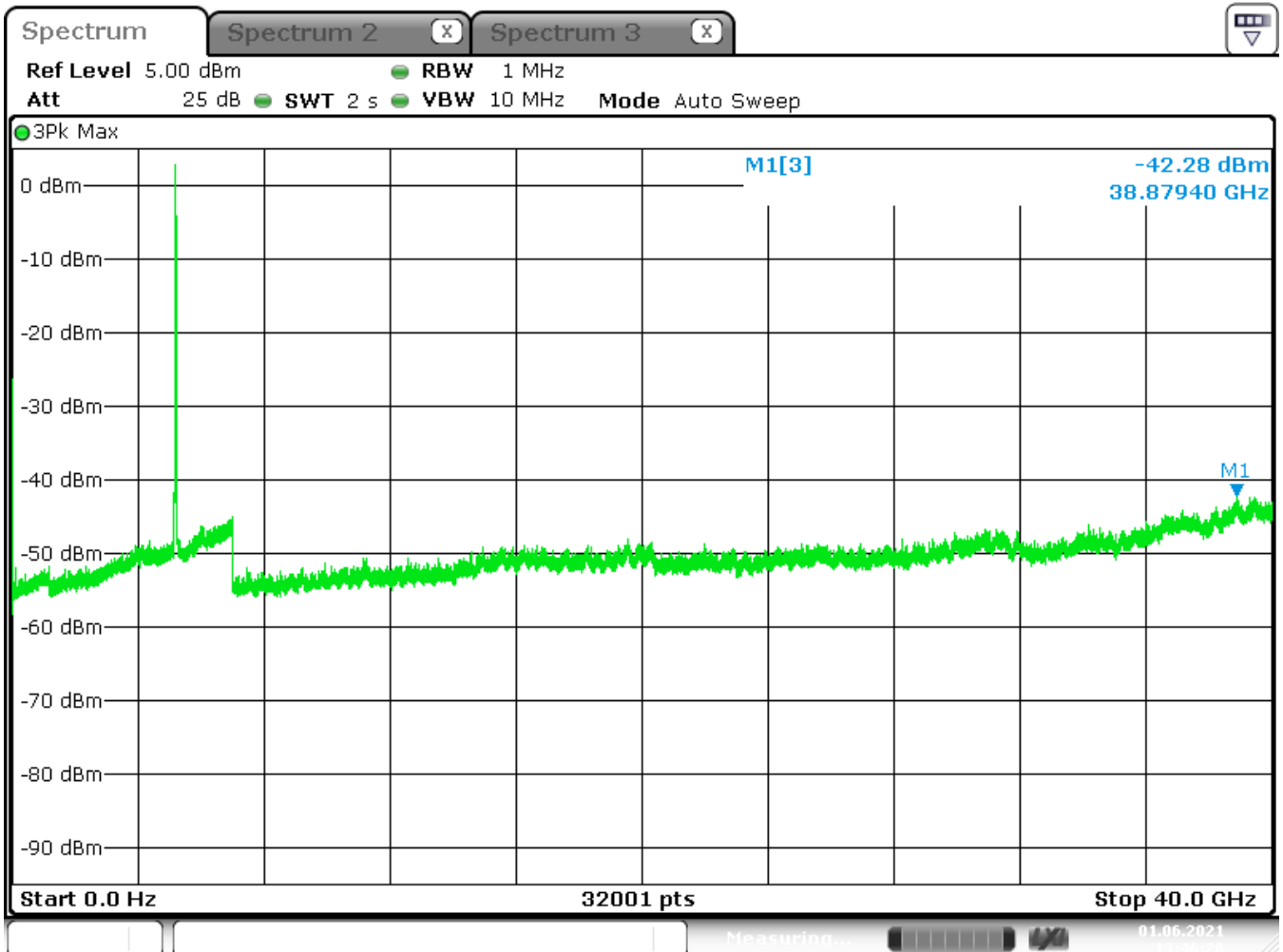
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.1.2

Conducted measurement – Antenna 2

Setup: CH 48: 5240 MHz



Date: 1 JUN 2021 13:46:21

LIMIT SUBCLAUSE 15.407(b)(1) – 6.2.1.2

For transmitters operating in the 5.15-5.25 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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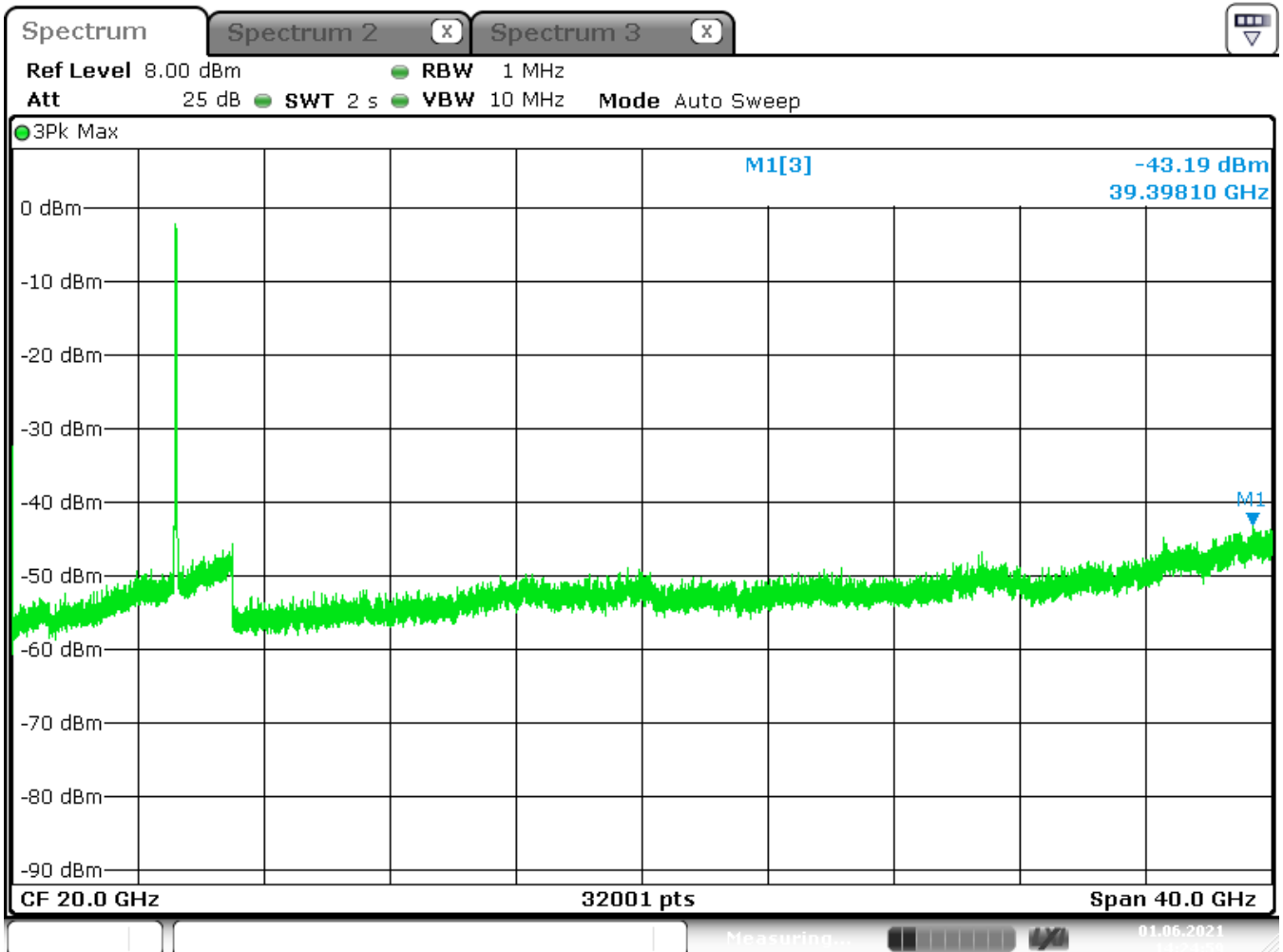
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.1.2

Conducted measurement – Antenna 2

Setup: CH 38: 5190 MHz



Date: 1 JUN 2021 14:25:00

LIMIT SUBCLAUSE 15.407(b)(1) – 6.2.1.2

For transmitters operating in the 5.15-5.25 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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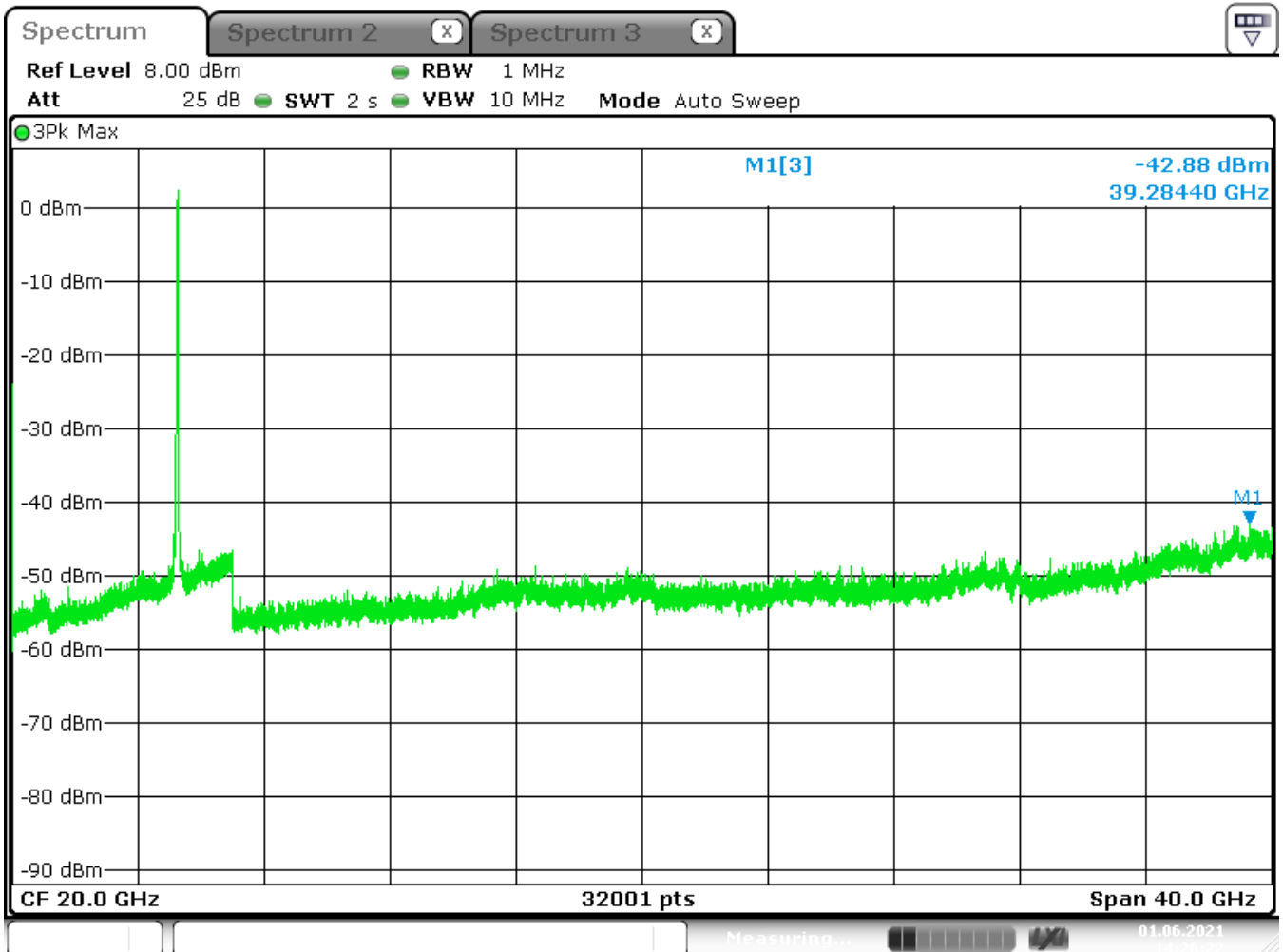
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.1.2

Conducted measurement – Antenna 2

Setup: CH 46: 5230 MHz



Date: 1 JUN 2021 14:26:22

LIMIT SUBCLAUSE 15.407(b)(1) – 6.2.1.2

For transmitters operating in the 5.15-5.25 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
--	--

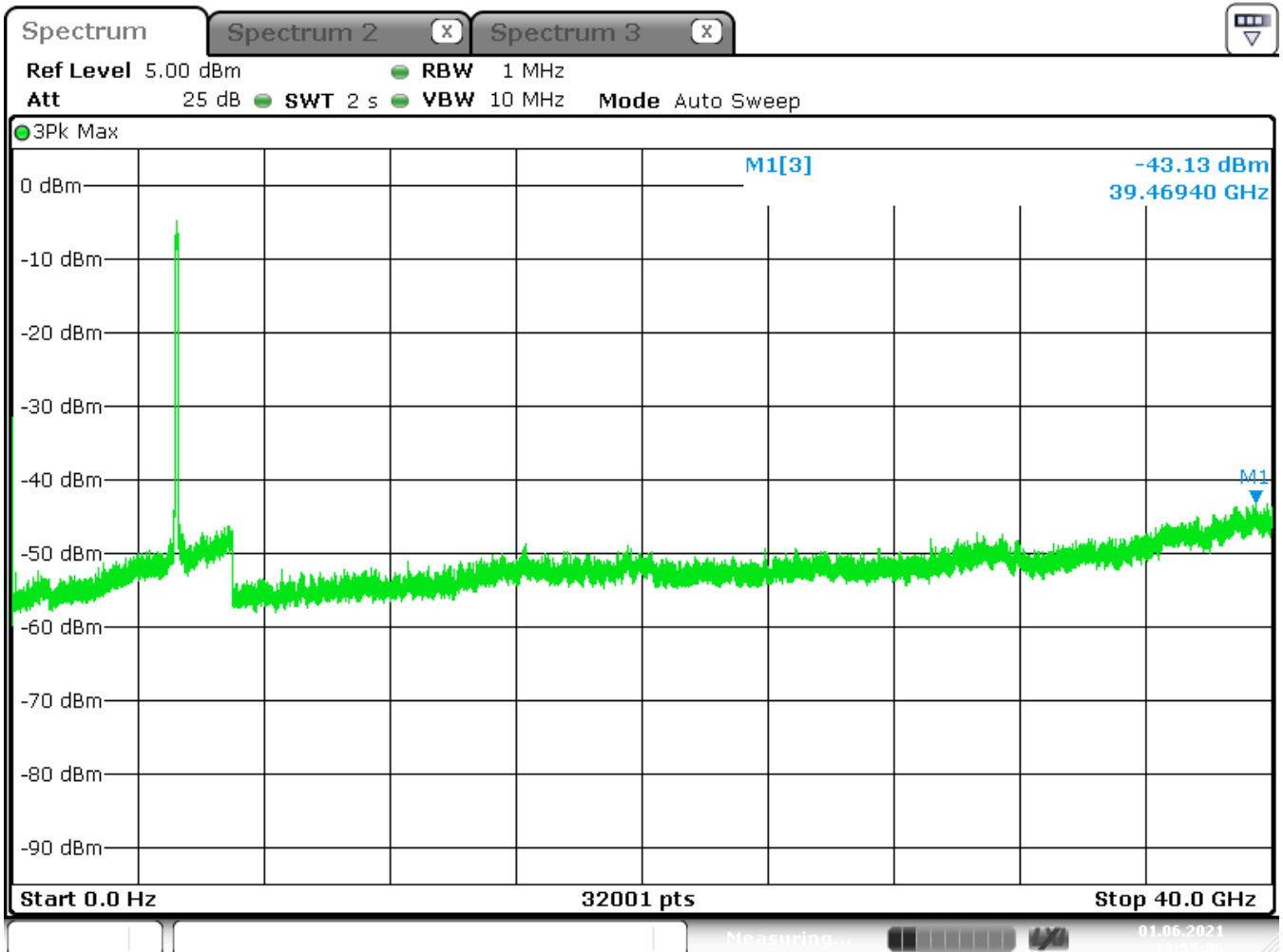
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.1.2

Conducted measurement – Antenna 2

Setup: CH 42: 5210 MHz



Date: 1 JUN 2021 13:55:06

LIMIT SUBCLAUSE 15.407(b)(1) – 6.2.1.2

For transmitters operating in the 5.15-5.25 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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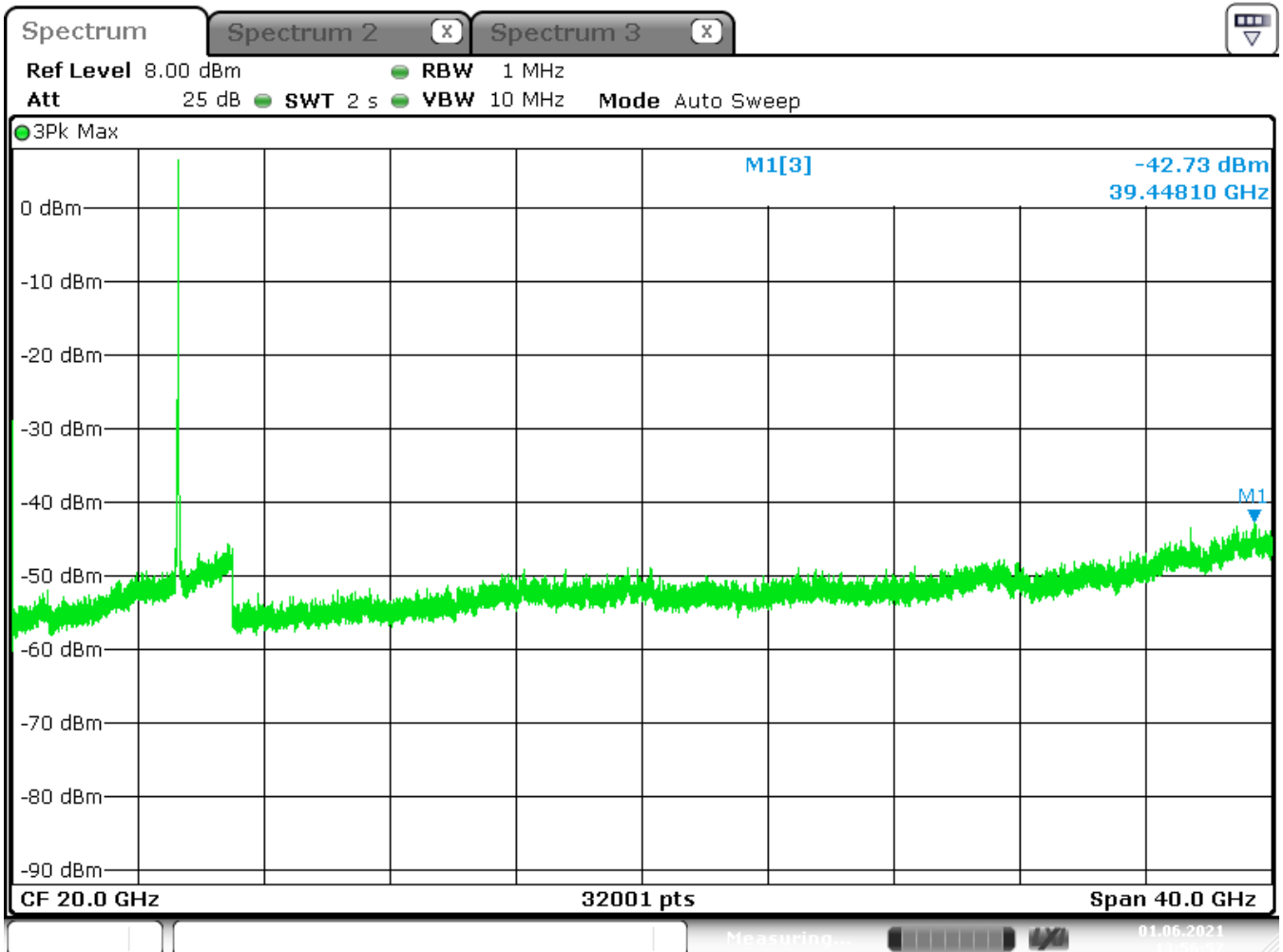
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.2.2

Conducted measurement – Antenna 2

Setup: CH 52: 5260 MHz



Date: 1 JUN 2021 13:56:58

LIMIT SUBCLAUSE 15.407(b)(2) – 6.2.2.2

For transmitters operating in the 5.25-5.35 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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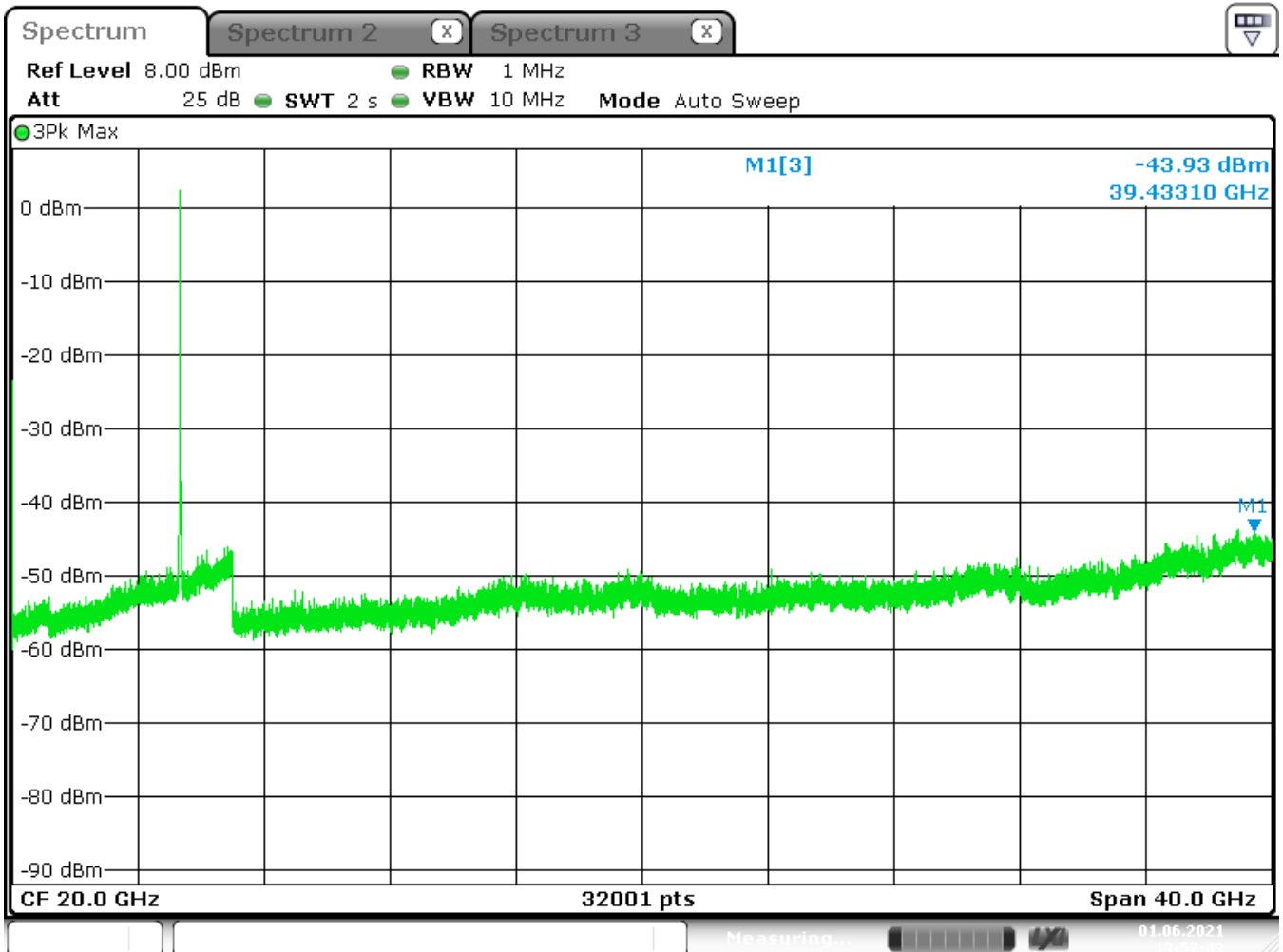
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.2.2

Conducted measurement – Antenna 2

Setup: CH 64: 5320 MHz



Date: 1 JUN 2021 13:57:43

LIMIT SUBCLAUSE 15.407(b)(2) – 6.2.2.2

For transmitters operating in the 5.25-5.35 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
--	--

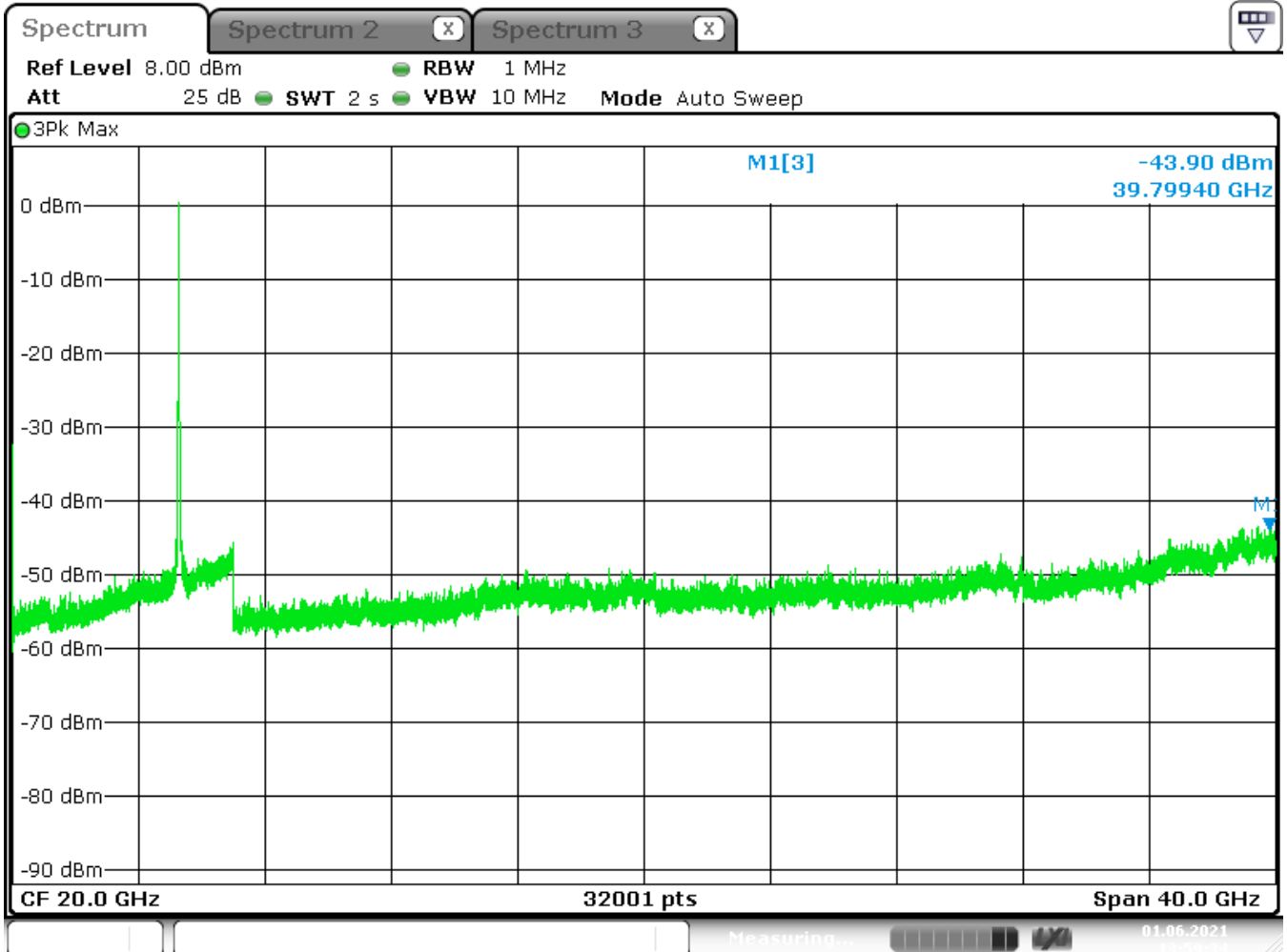
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.2.2

Conducted measurement – Antenna 2

Setup: CH 54: 5270 MHz



Date: 1 JUN 2021 13:59:35

LIMIT SUBCLAUSE 15.407(b)(2) – 6.2.2.2

For transmitters operating in the 5.25-5.35 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
--	--

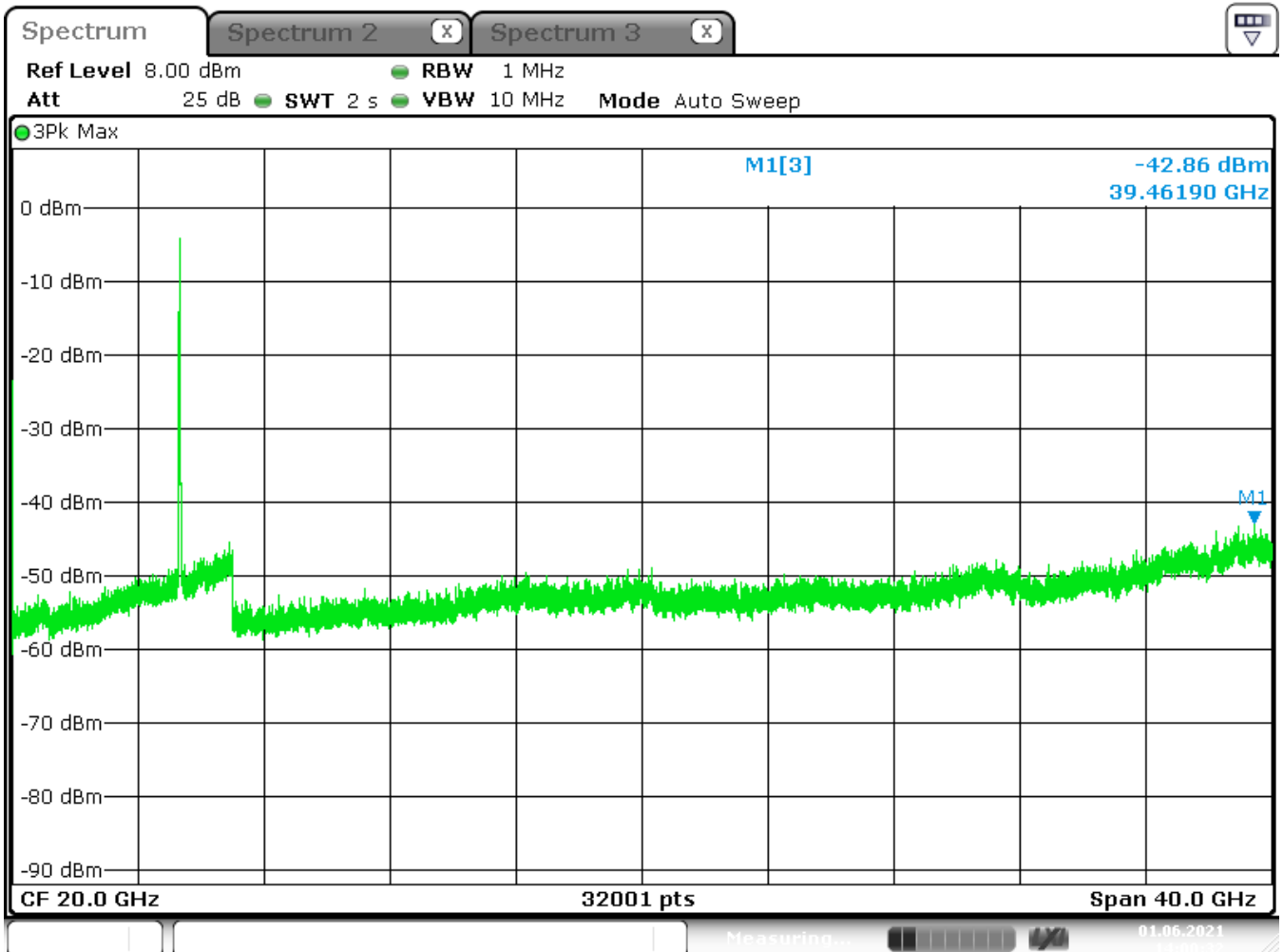
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.2.2

Conducted measurement – Antenna 2

Setup: CH 62: 5310 MHz



Date: 1 JUN 2021 14:00:32

LIMIT SUBCLAUSE 15.407(b)(2) – 6.2.2.2

For transmitters operating in the 5.25-5.35 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
--	--

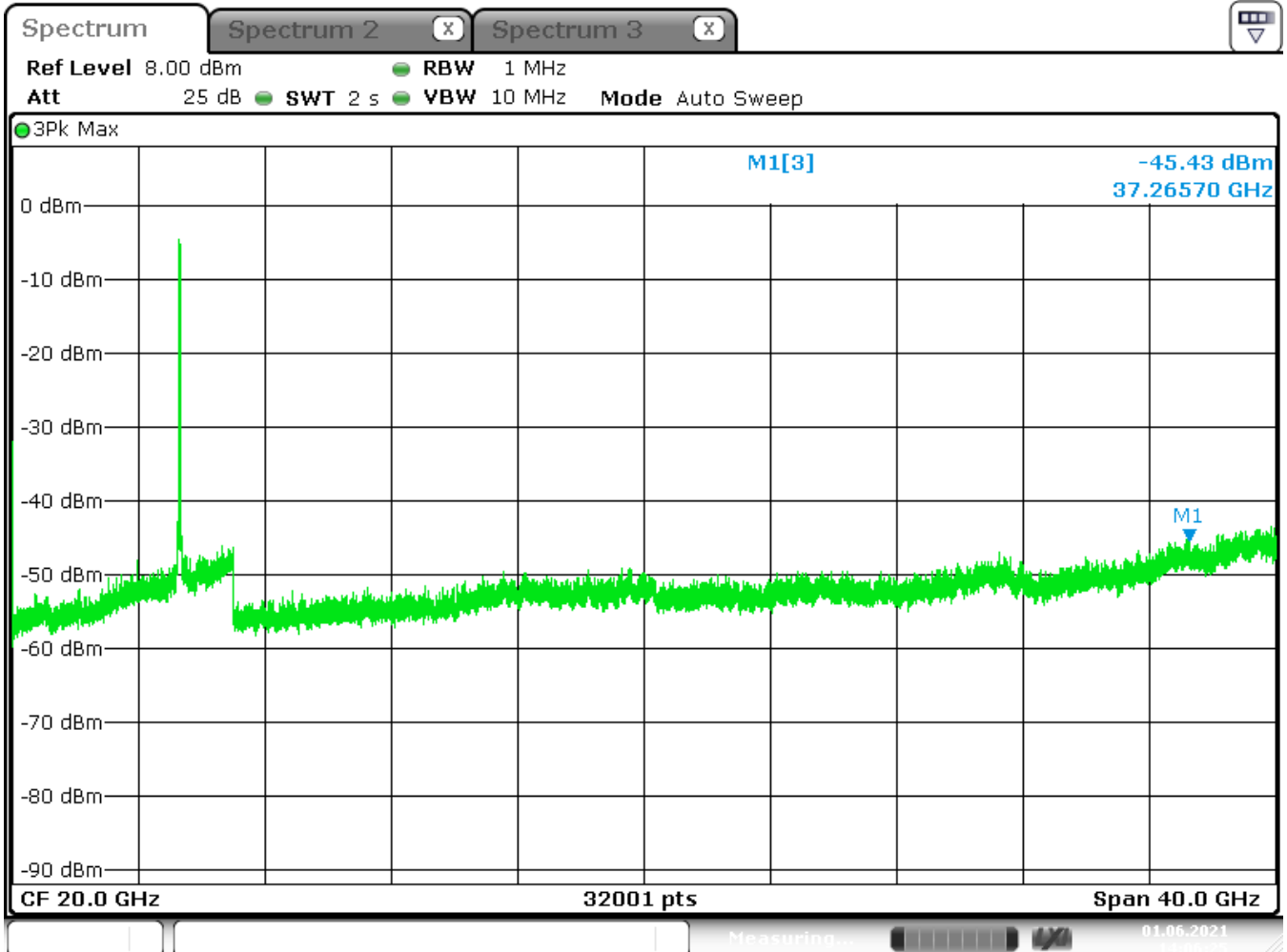
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.2.2

Conducted measurement – Antenna 2

Setup: CH 58: 5290 MHz



Date: 1 JUN 2021 14:06:25

LIMIT SUBCLAUSE 15.407(b)(2) – 6.2.2.2

For transmitters operating in the 5.25-5.35 GHz band	All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
--	--

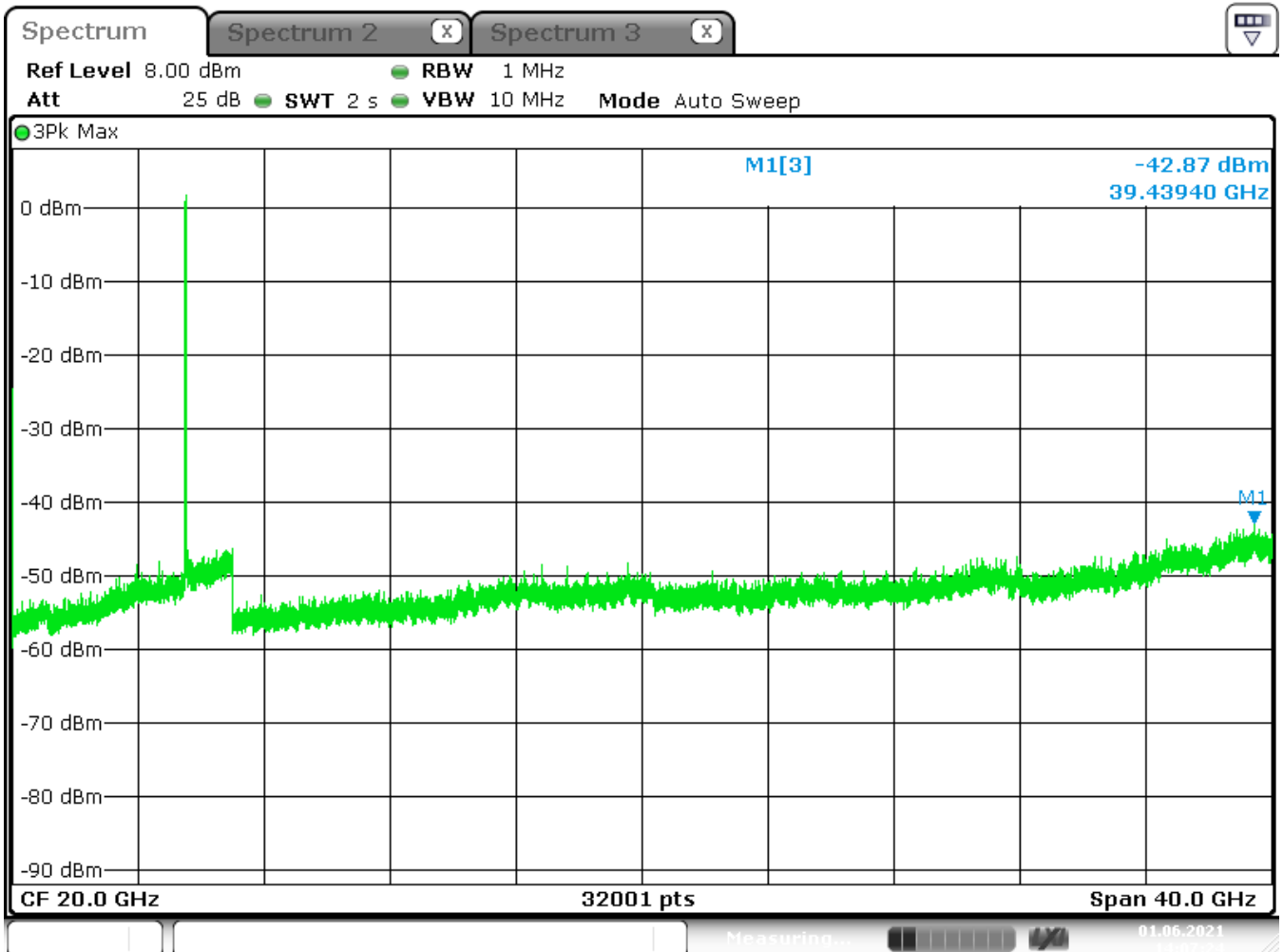
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.3.2

Conducted measurement – Antenna 2

Setup: CH 100: 5500 MHz



Date: 1 JUN 2021 14:07:24

LIMIT SUBCLAUSE 15.407(b)(3) – 6.2.3.2

For transmitters operating in the 5.47-5.725 GHz band	All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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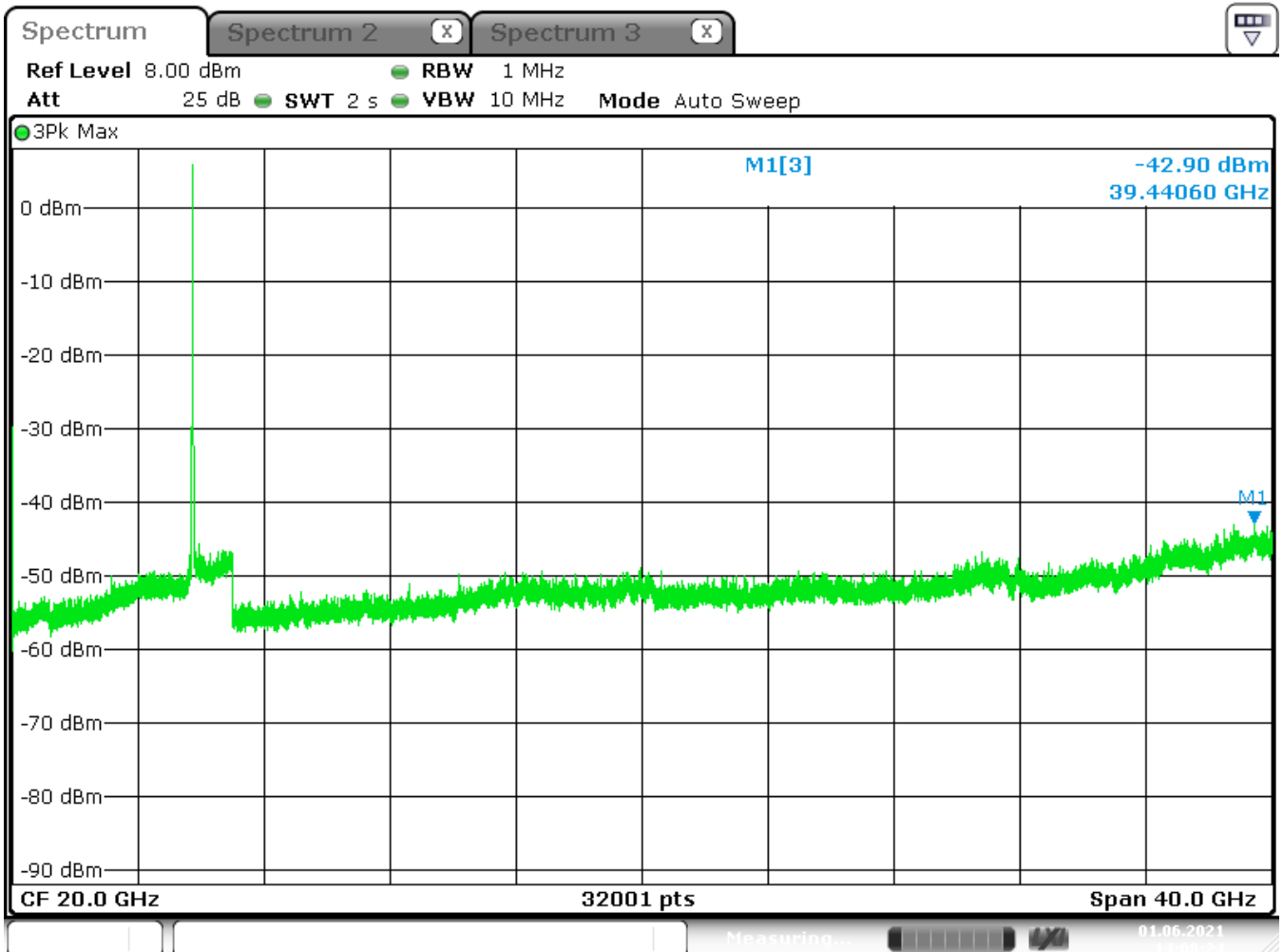
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.3.2

Conducted measurement – Antenna 2

Setup: CH 144: 5720 MHz



Date: 1 JUN 2021 14:08:24

LIMIT SUBCLAUSE 15.407(b)(3) – 6.2.3.2

For transmitters operating in the 5.47-5.725 GHz band	All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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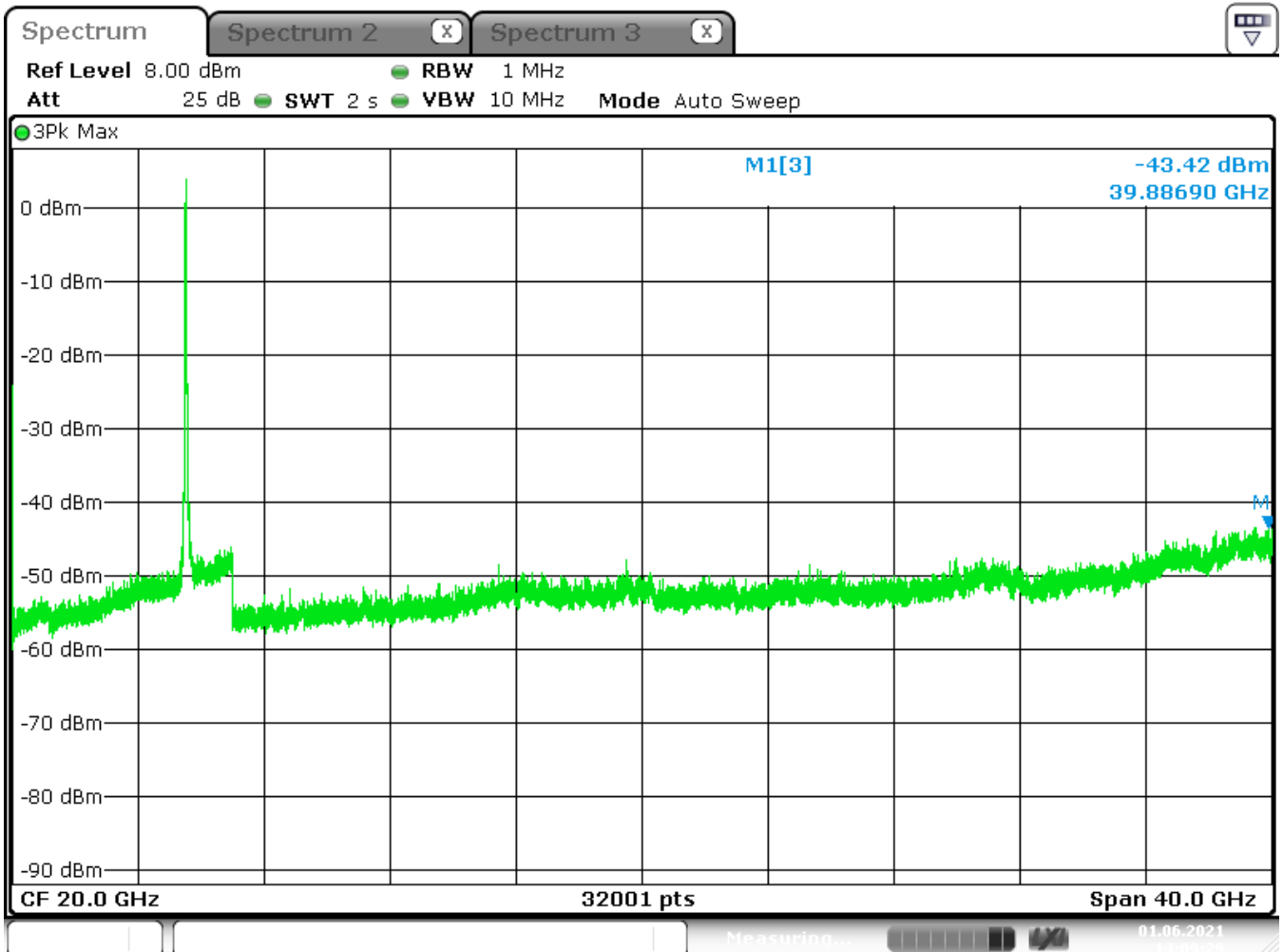
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.3.2

Conducted measurement – Antenna 2

Setup: CH 102: 5510 MHz



Date: 1 JUN 2021 14:09:29

LIMIT SUBCLAUSE 15.407(b)(3) – 6.2.3.2

For transmitters operating in the 5.47-5.725 GHz band	All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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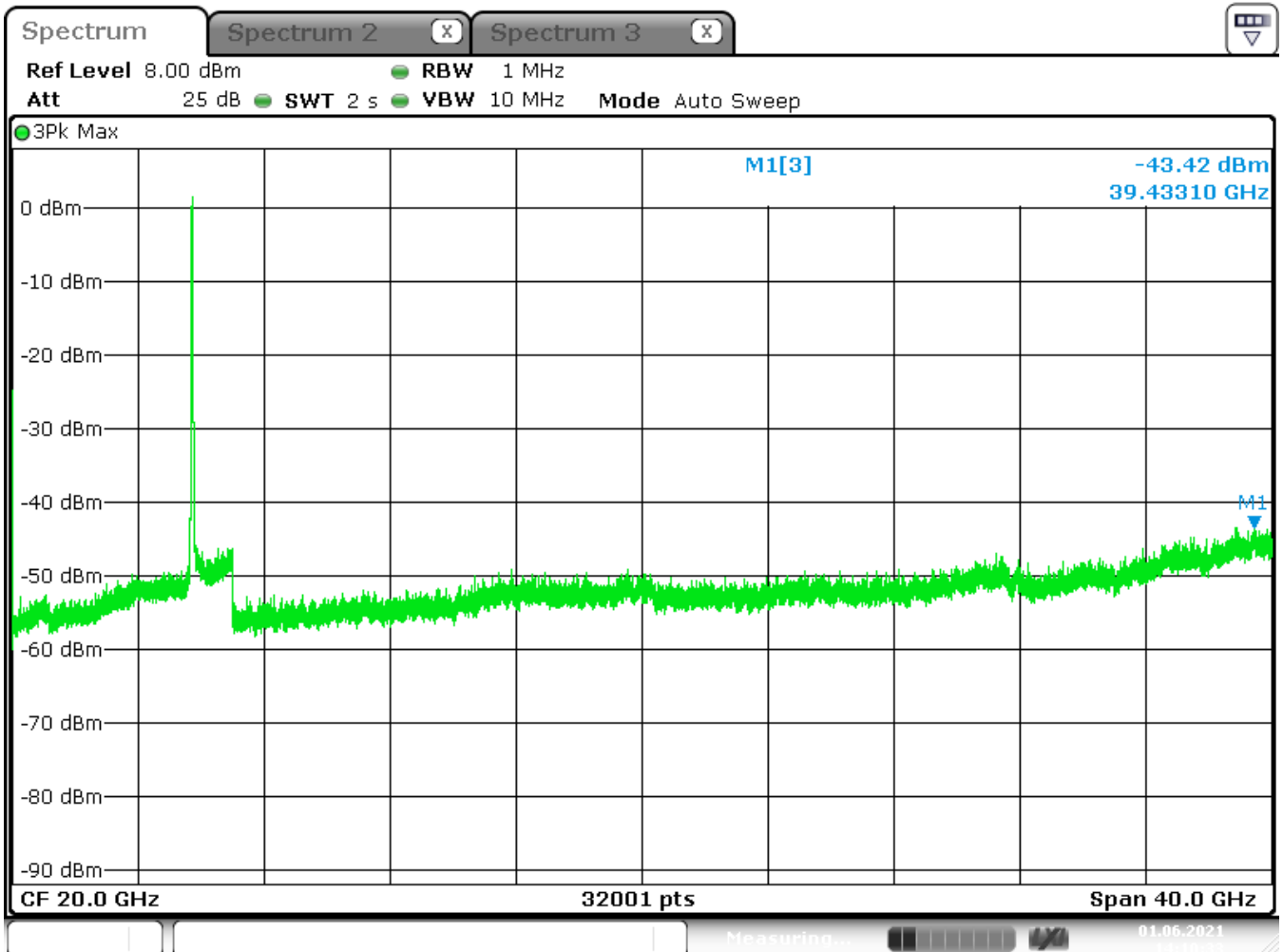
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.3.2

Conducted measurement – Antenna 2

Setup: CH 142: 5710 MHz



Date: 1 JUN 2021 14:10:34

LIMIT SUBCLAUSE 15.407(b)(3) – 6.2.3.2

For transmitters operating in the 5.47-5.725 GHz band	All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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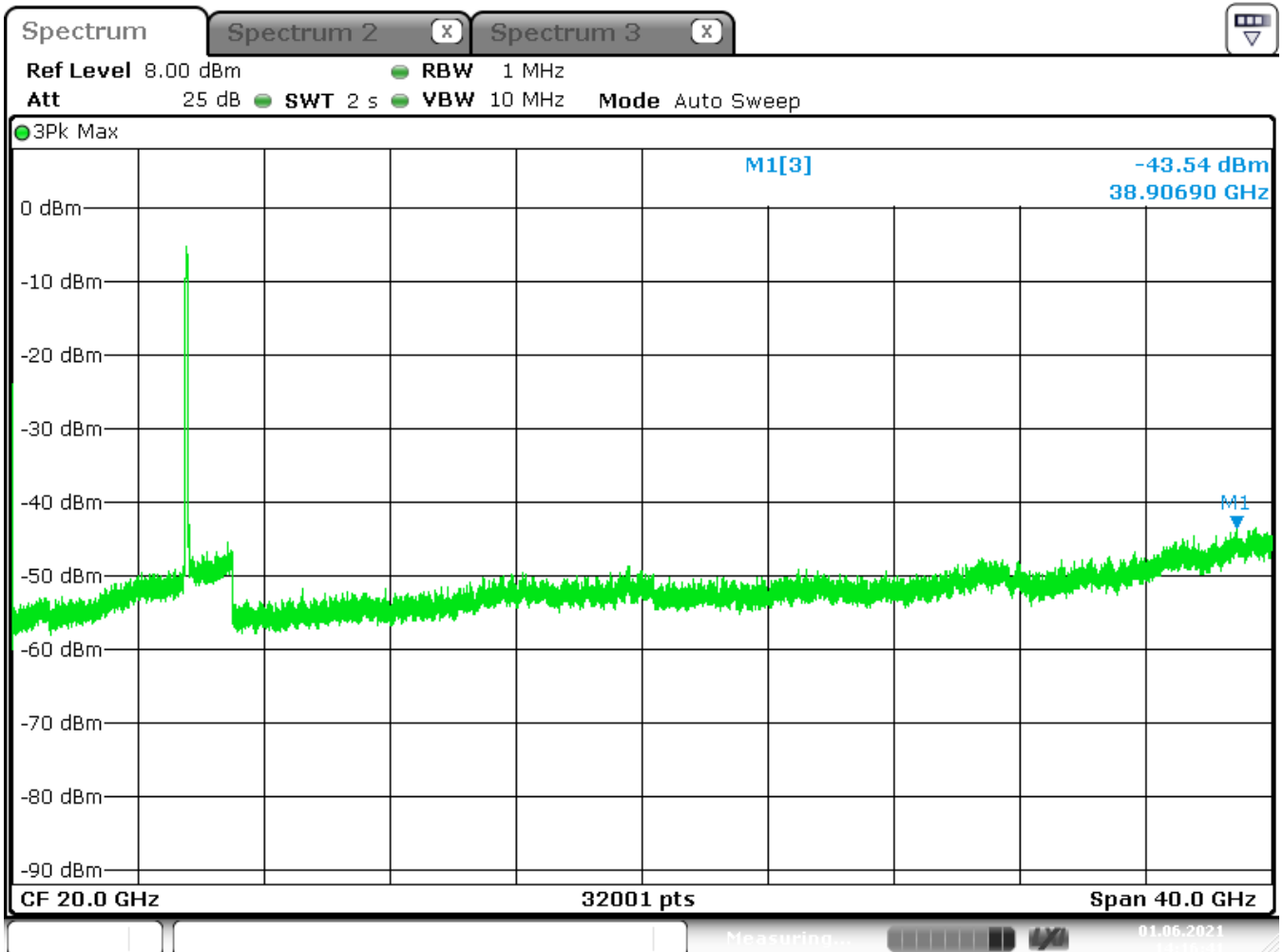
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.3.2

Conducted measurement – Antenna 2

Setup: CH 106: 5530 MHz



Date: 1 JUN 2021 14:16:41

LIMIT SUBCLAUSE 15.407(b)(3) – 6.2.3.2

For transmitters operating in the 5.47-5.725 GHz band	All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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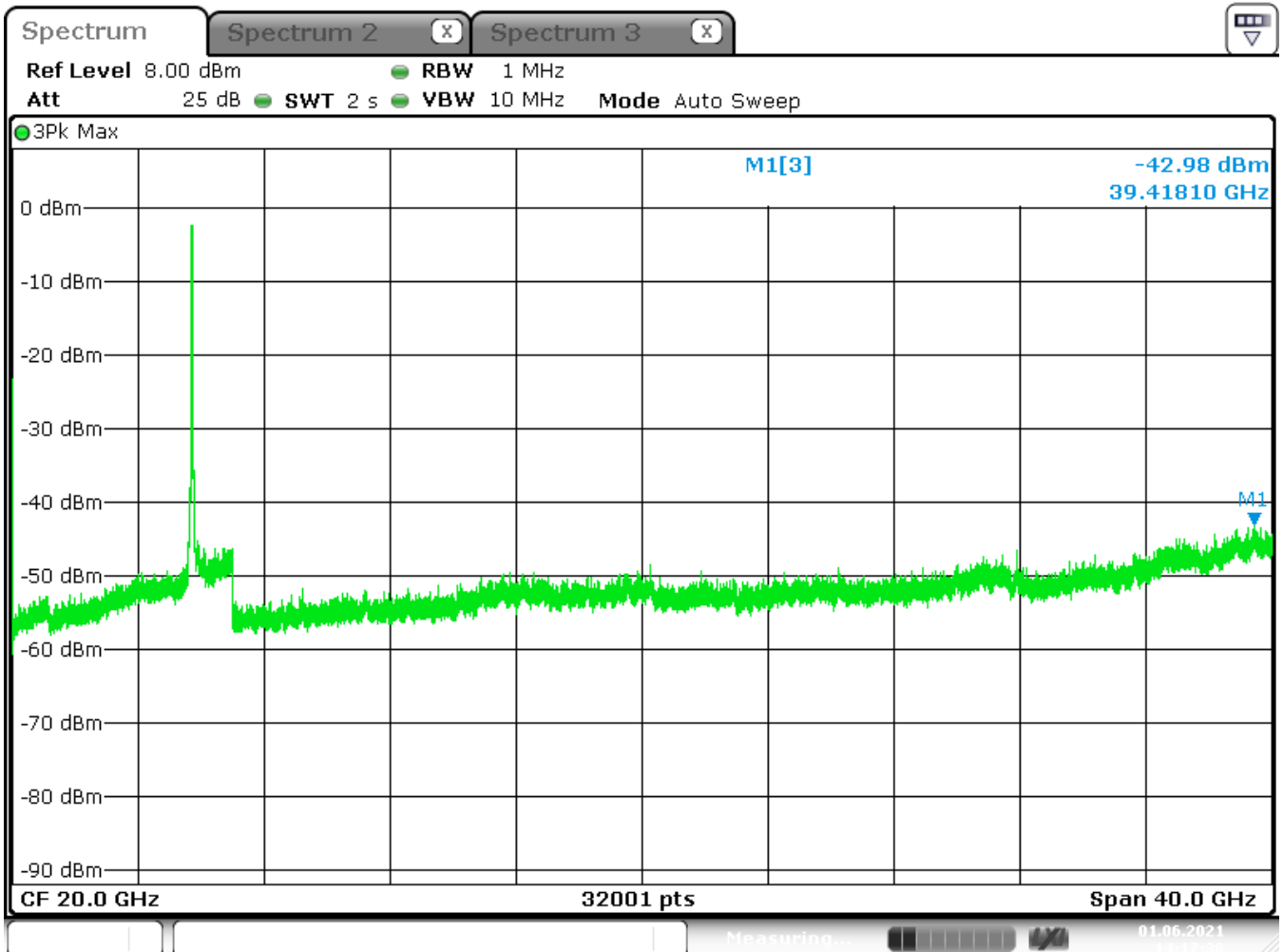
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.3.2

Conducted measurement – Antenna 2

Setup: CH 138: 5690 MHz



Date: 1 JUN 2021 14:17:39

LIMIT SUBCLAUSE 15.407(b)(3) – 6.2.3.2

For transmitters operating in the 5.47-5.725 GHz band	All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.
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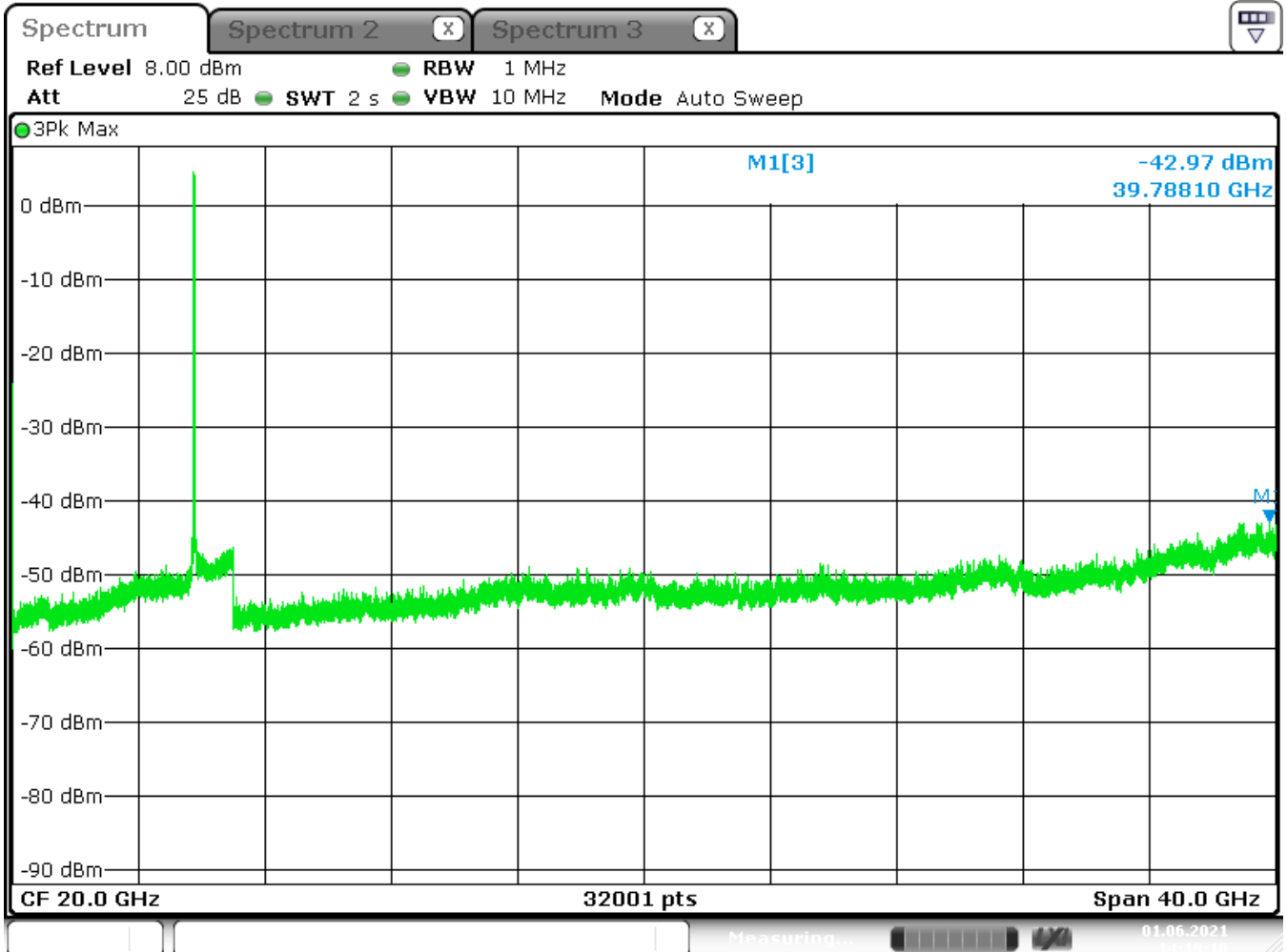
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.4.2

Conducted measurement – Antenna 2

Setup: CH 149: 5745 MHz



Date: 1 JUN 2021 14:19:10

LIMIT SUBCLAUSE 15.407(b)(4) – 6.2.4.2

<p>For transmitters operating in the 5.725-5.85 GHz band</p>	<p>All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.</p>
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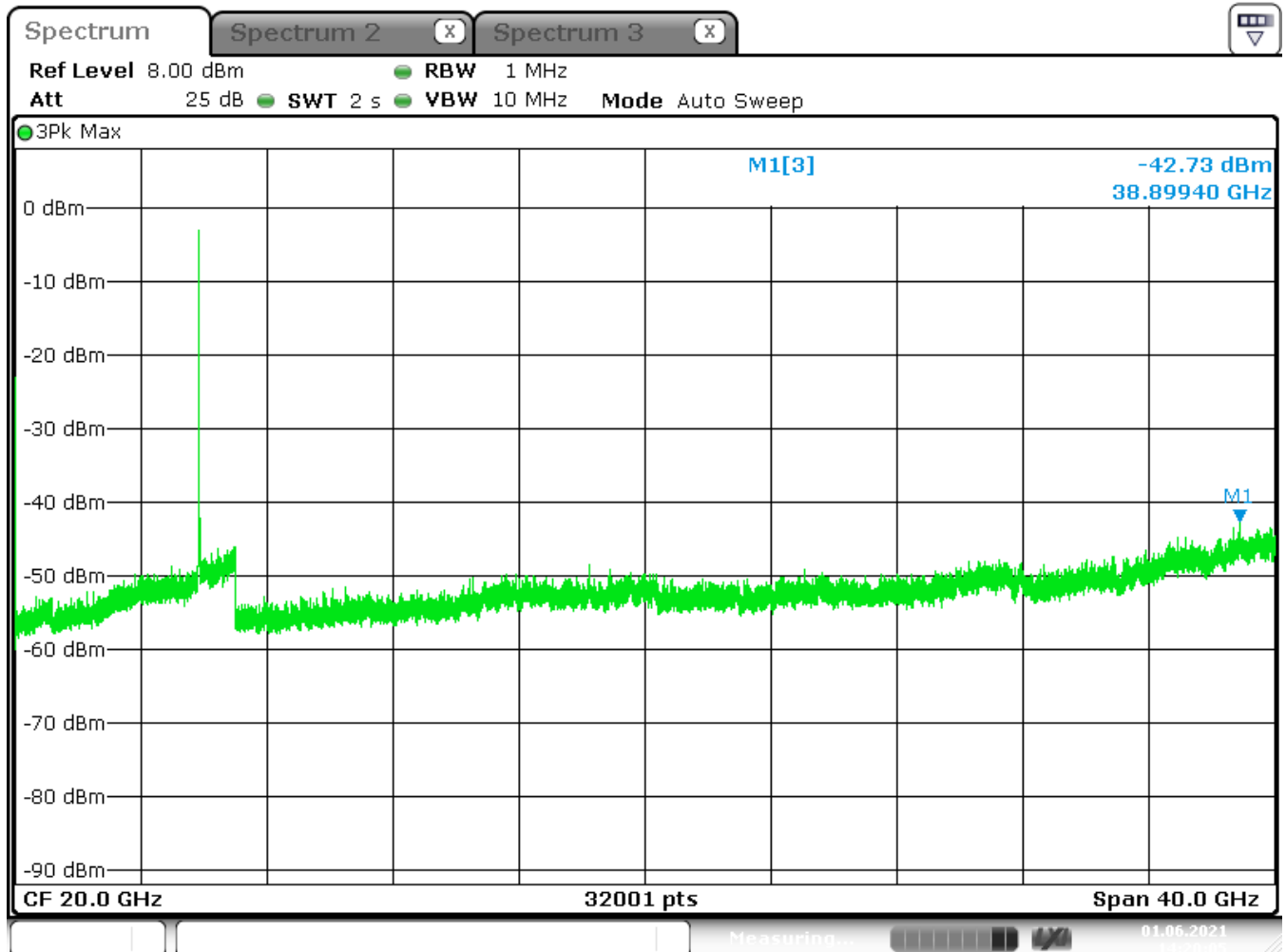
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.4.2

Conducted measurement – Antenna 2

Setup: CH 165: 5825 MHz



Date: 1 JUN 2021 14:20:05

LIMIT SUBCLAUSE 15.407(b)(4) – 6.2.4.2

<p>For transmitters operating in the 5.725-5.85 GHz band</p>	<p>All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.</p>
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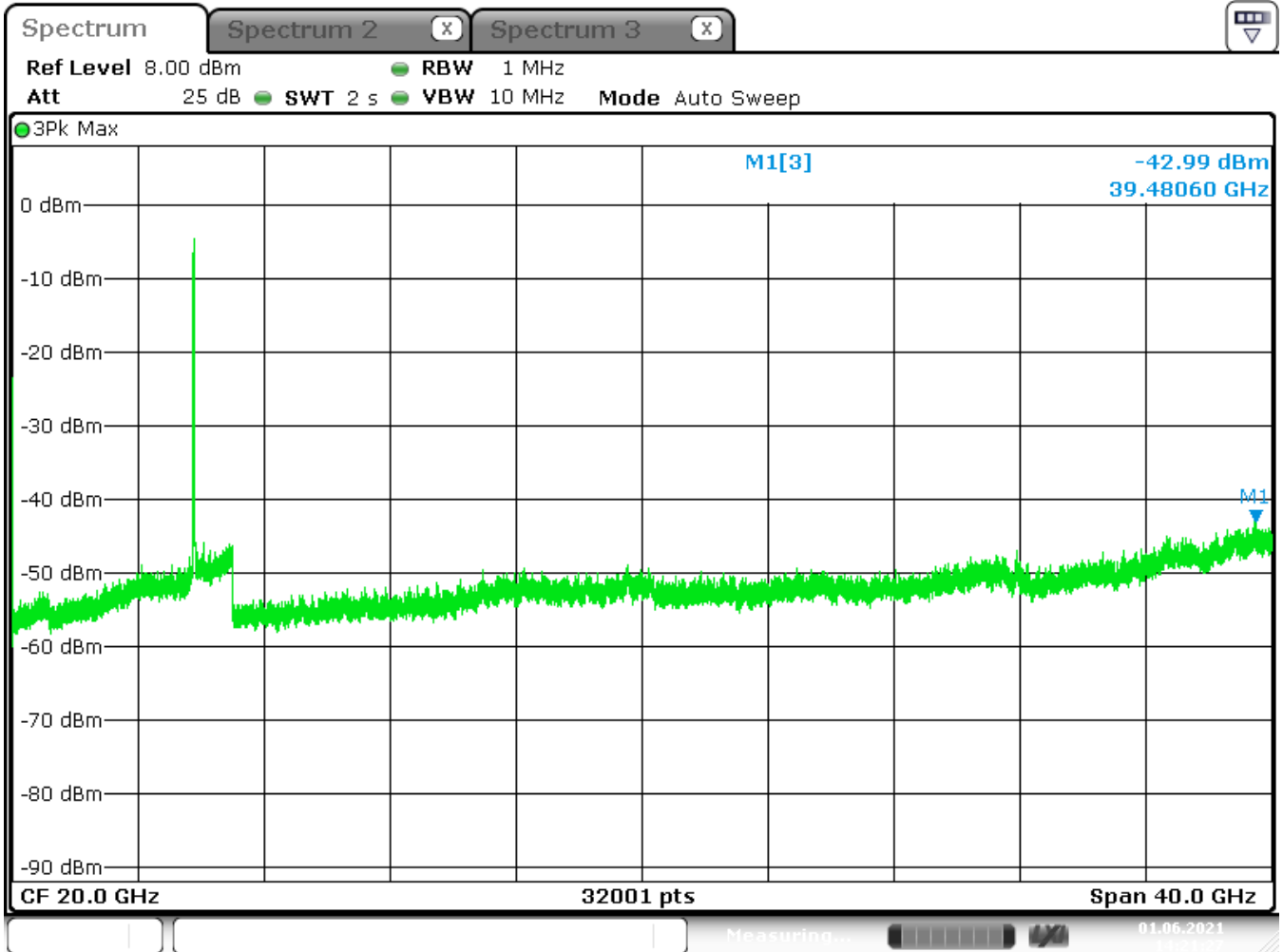
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.4.2

Conducted measurement – Antenna 2

Setup: CH 151: 5755 MHz



Date: 1 JUN 2021 14:21:28

LIMIT SUBCLAUSE 15.407(b)(4) – 6.2.4.2

<p>For transmitters operating in the 5.725-5.85 GHz band</p>	<p>All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.</p>
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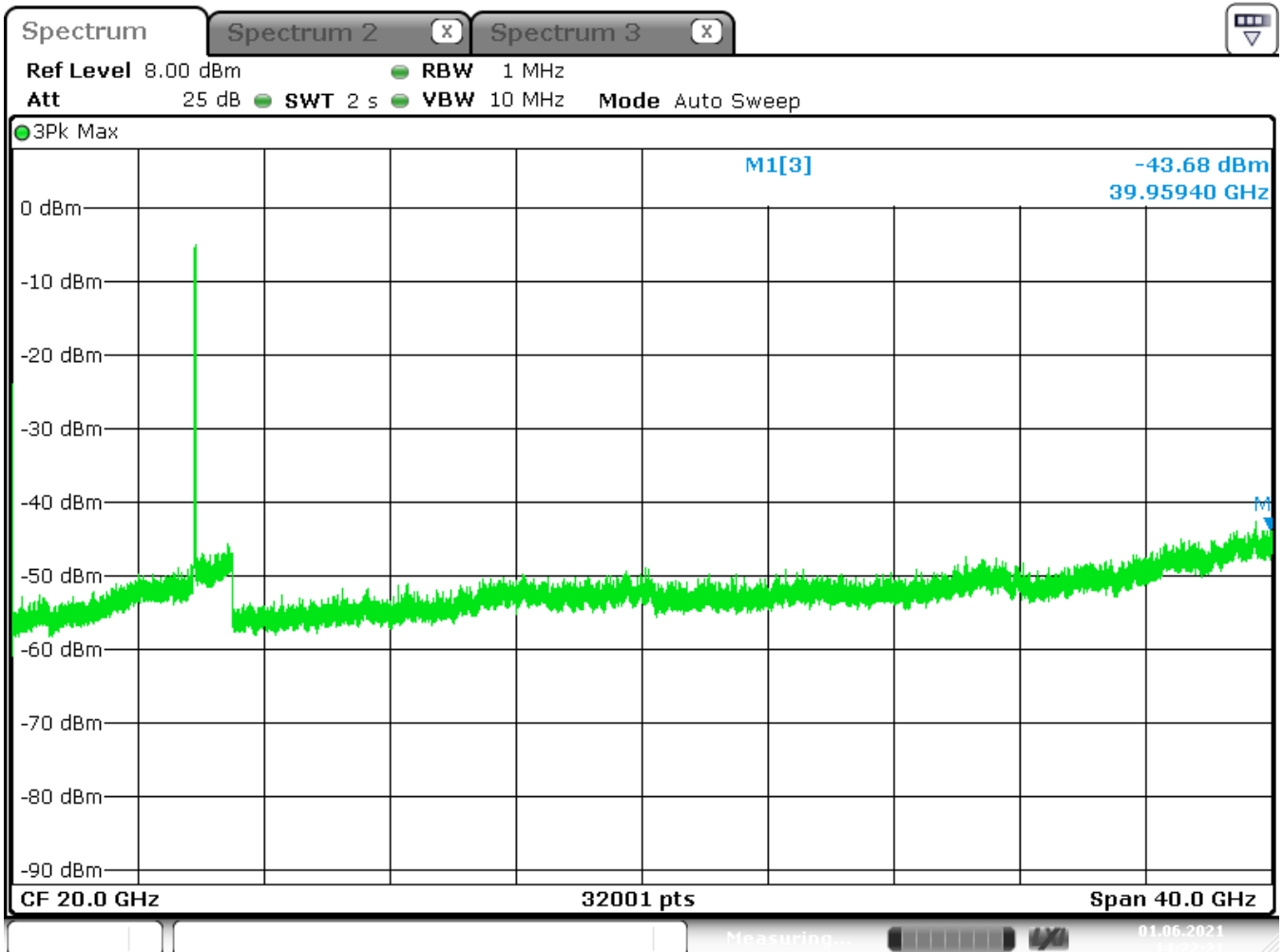
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.4.2

Conducted measurement – Antenna 2

Setup: CH 159: 5795 MHz



Date: 1 JUN 2021 14:22:21

LIMIT SUBCLAUSE 15.407(b)(4) – 6.2.4.2

<p>For transmitters operating in the 5.725-5.85 GHz band</p>	<p>All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.</p>
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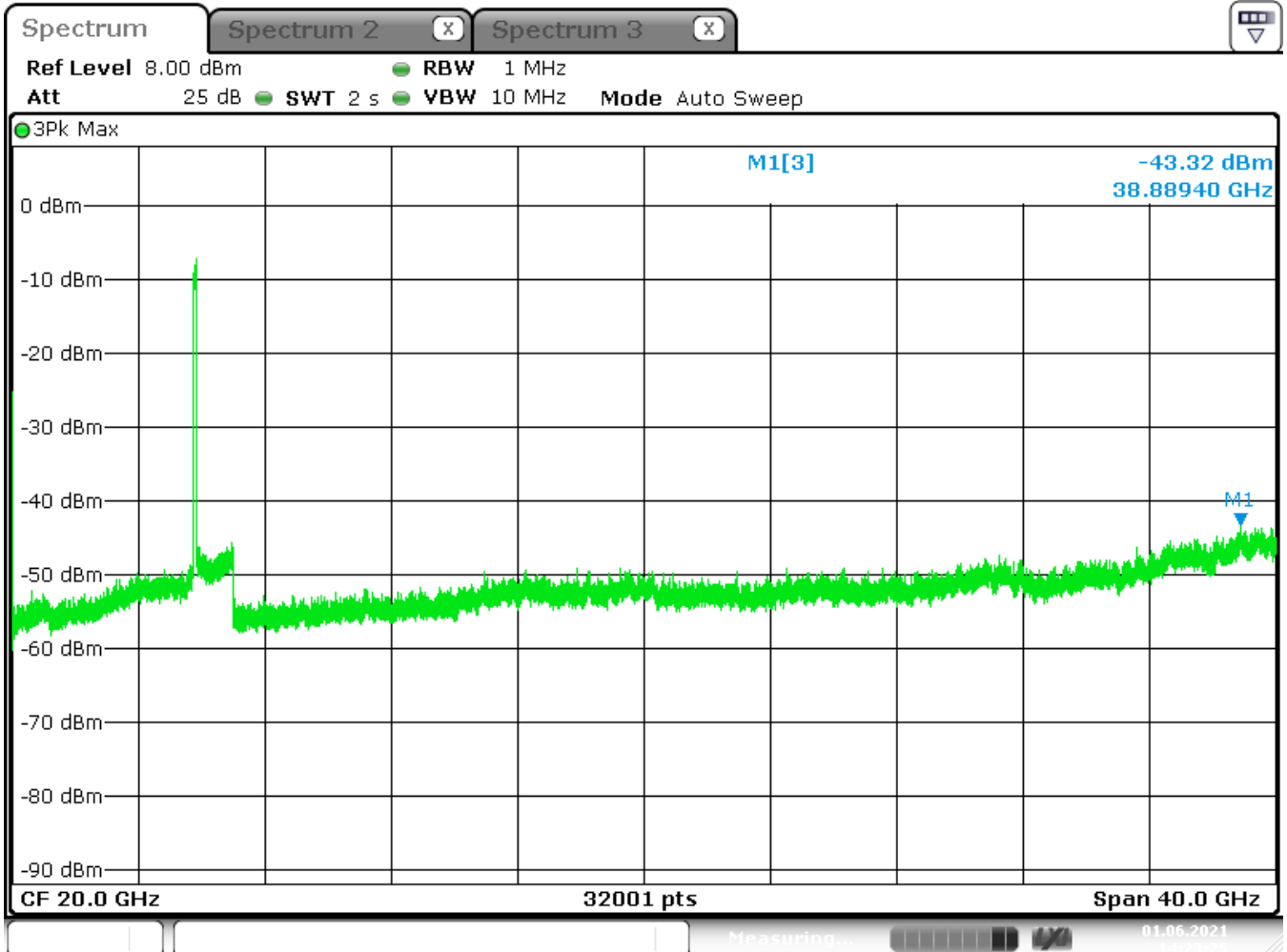
Test Equipment used: EMV-205

Undesirable Emission Limits

§ 15.407(b)
 6.2.4.2

Conducted measurement – Antenna 2

Setup: CH 155: 5775 MHz



Date: 1 JUN 2021 14:23:26

LIMIT SUBCLAUSE 15.407(b)(4) – 6.2.4.2

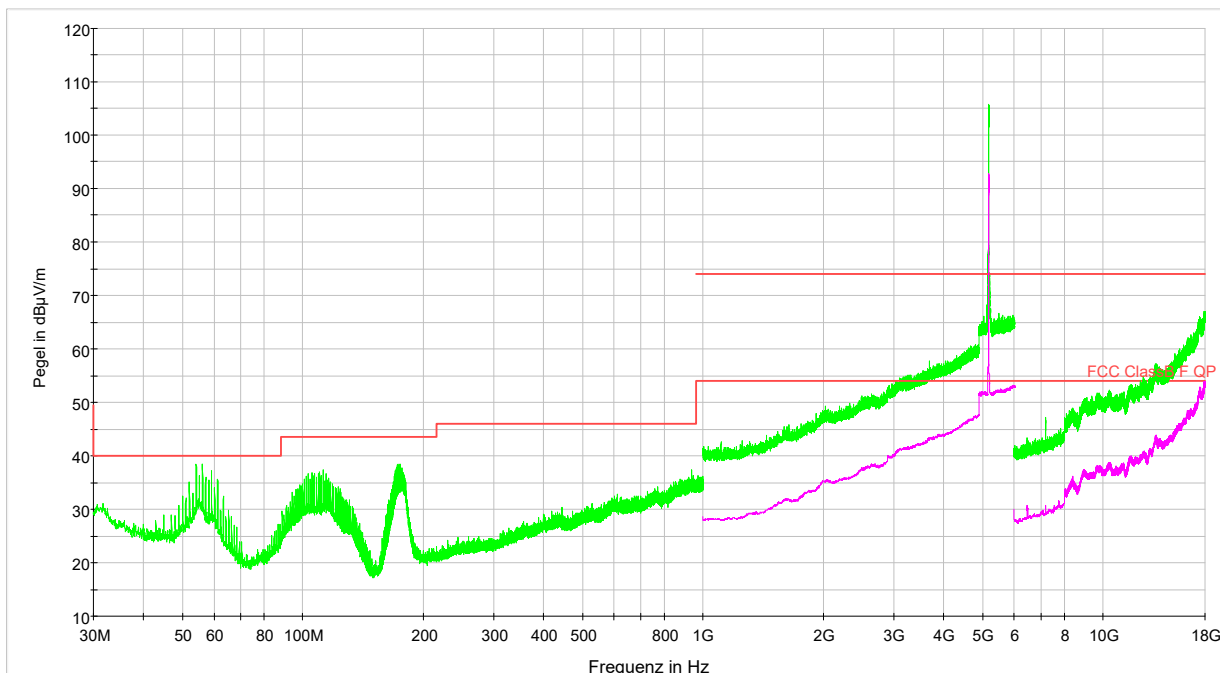
<p>For transmitters operating in the 5.725-5.85 GHz band</p>	<p>All emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of -17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of -27 dBm/MHz.</p>
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Test Equipment used: EMV-205

4.10. Emissions in restricted bands § 15.209(a) Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 36: 5180 MHz – both Antennas



- PK+ _MAXH(1):ch36_f1 [ch36_f1.Result:2]
- PK+ _CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG _CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG _MAXH(1):CH36_F3 [CH36_F3.Result:4]
- PK+ _MAXH(1):CH36_F2_50 [CH36_F2_50.Result:2]
- PK+ _MAXH [Ergebnistabelle.Result:2]
- AVG _MAXH(1):CH36_F2_50 [CH36_F2_50.Result:4]
- AVG _MAXH [Ergebnistabelle.Result:4]
- PK+ _MAXH(1):CH36_F3 [CH36_F3.Result:2]

Worst case emission: 47,3 dBµV/m @ 10,36 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

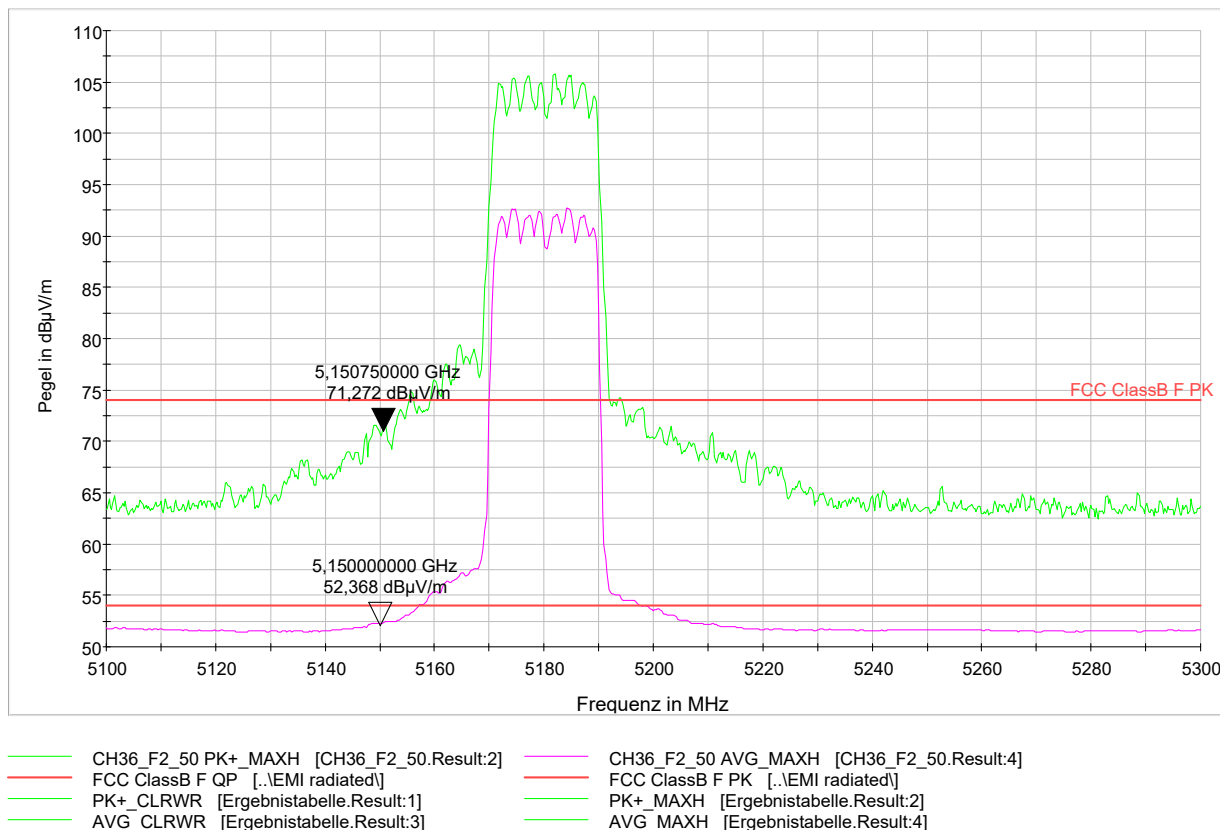
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112;
 EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line): Band Edge requirement

Setup: CH 36: 5180 MHz – both Antennas



LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

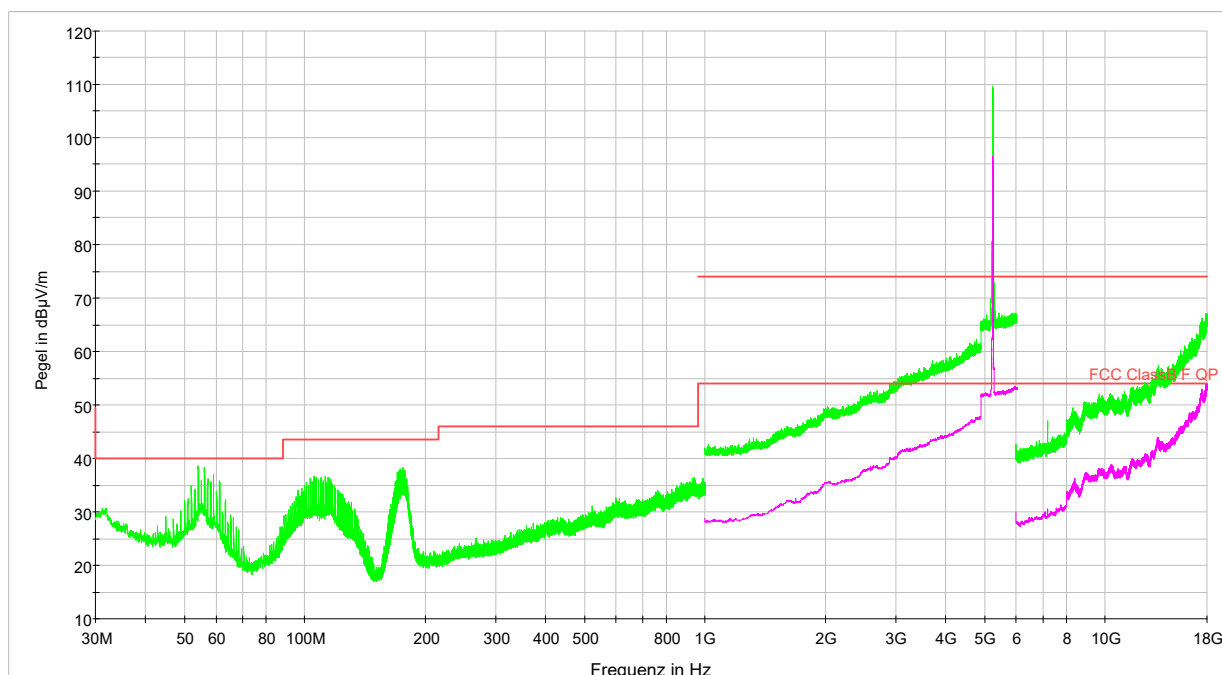
Band edge of the nearest restricted band: 5150 MHz.

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-200

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 48: 5240 MHz – both Antennas



- PK+_MAXH(1):ch48_f1 [ch48_f1.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..\EMI radiated]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..\EMI radiated]
- AVG_MAXH(1):CH48_F3 [CH48_F3.Result:4]
- PK+_MAXH(1):CH48_F2_46 [CH48_F2_46.Result:2]
- PK+_MAXH [Ergebnistabelle.Result:2]
- AVG_MAXH(1):CH48_F2_46 [CH48_F2_46.Result:4]
- AVG_MAXH [Ergebnistabelle.Result:4]
- PK+_MAXH(1):CH48_F3 [CH48_F3.Result:2]

Worst case emission: 48,4 dBµV/m @ 10,48 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

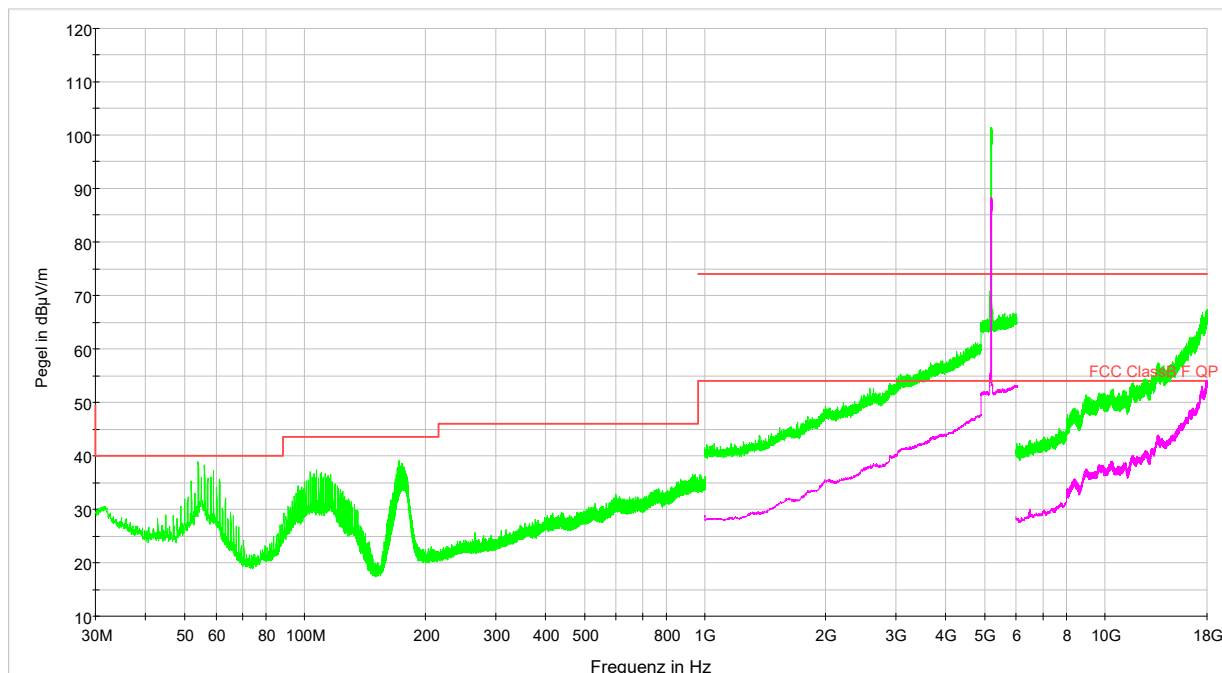
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112; EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 38: 5190 MHz – both Antennas



- PK+ _MAXH(1)@fcc [ch38_f1.Result:2]
- PK+ _CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG_MAXH(1):CH38_F3 [CH38_F3.Result:4]
- PK+ _MAXH(1):CH38_F2_37 [CH38_F2_37.Result:2]
- PK+ _MAXH [Ergebnistabelle.Result:2]
- AVG_MAXH(1):CH38_F2_37 [CH38_F2_37.Result:4]
- AVG_MAXH [Ergebnistabelle.Result:4]
- PK+ _MAXH(1):CH38_F3 [CH38_F3.Result:2]

Worst case emission: 47,6 dBµV/m @ 10,38 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

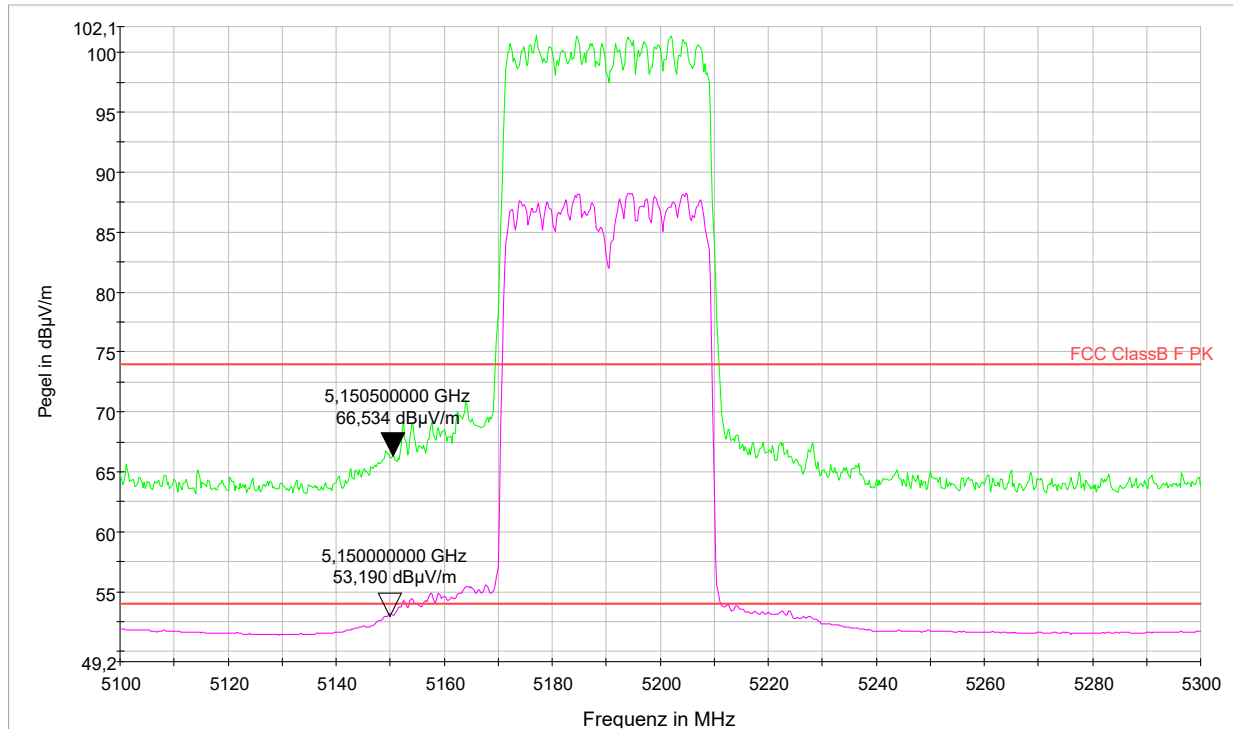
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112; EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line): Band Edge requirement

Setup: CH 38: 5190 MHz – both Antennas



- CH38_F2_37 PK+_MAXH [CH38_F2_37.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F QP [..\EMI radiated\]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- CH38_F2_37 AVG_MAXH [CH38_F2_37.Result:4]
- PK+_MAXH [Ergebnistabelle.Result:2]
- FCC ClassB F PK [..\EMI radiated\]
- AVG_MAXH [Ergebnistabelle.Result:4]

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

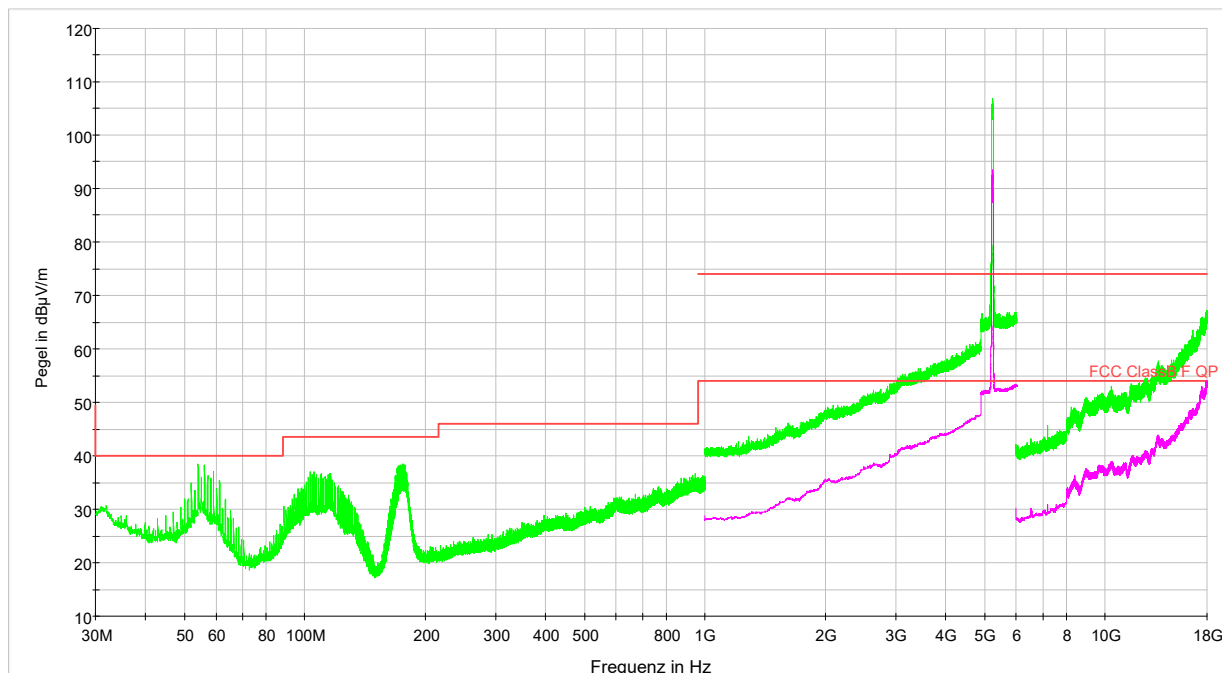
Band edge of the nearest restricted band: 5150 MHz.

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-200

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 46: 5230 MHz – both Antennas



- PK+ _MAXH(1):ch46_f1 [ch46_f1.Result:2]
- PK+ _CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG _CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG _MAXH(1):CH46_F3 [CH46_F3.Result:4]
- PK+ _MAXH(1):CH46_F2_50 [CH46_F2_50.Result:2]
- PK+ _MAXH [Ergebnistabelle.Result:2]
- AVG _MAXH(1):CH46_F2_50 [CH46_F2_50.Result:4]
- AVG _MAXH [Ergebnistabelle.Result:4]
- PK+ _MAXH(1):CH46_F3 [CH46_F3.Result:2]

Worst case emission: 48,4 dBµV/m @ 10,46 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

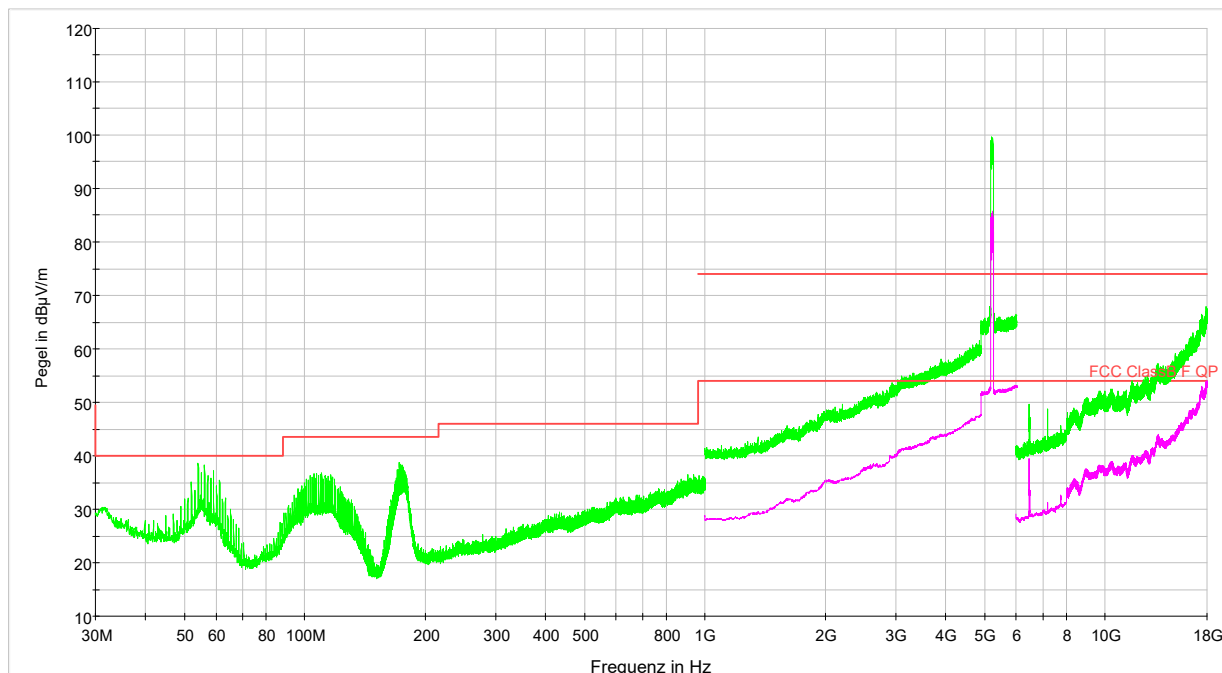
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112;
 EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 42: 5210 MHz – both Antennas



- PK+ _MAXH(1)@fcc [ch42_f1.Result:2]
- PK+ _CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [!.EMI radiated]
- AVG _CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [!.EMI radiated]
- AVG _MAXH(1):CH42_F3 [CH42_F3.Result:4]
- PK+ _MAXH(1):CH42_F2_36 [CH42_F2_36.Result:2]
- PK+ _MAXH [Ergebnistabelle.Result:2]
- AVG _MAXH(1):CH42_F2_36 [CH42_F2_36.Result:4]
- AVG _MAXH [Ergebnistabelle.Result:4]
- PK+ _MAXH(1):CH42_F3 [CH42_F3.Result:2]

Worst case emission: 49,1 dBµV/m @ 10,42 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

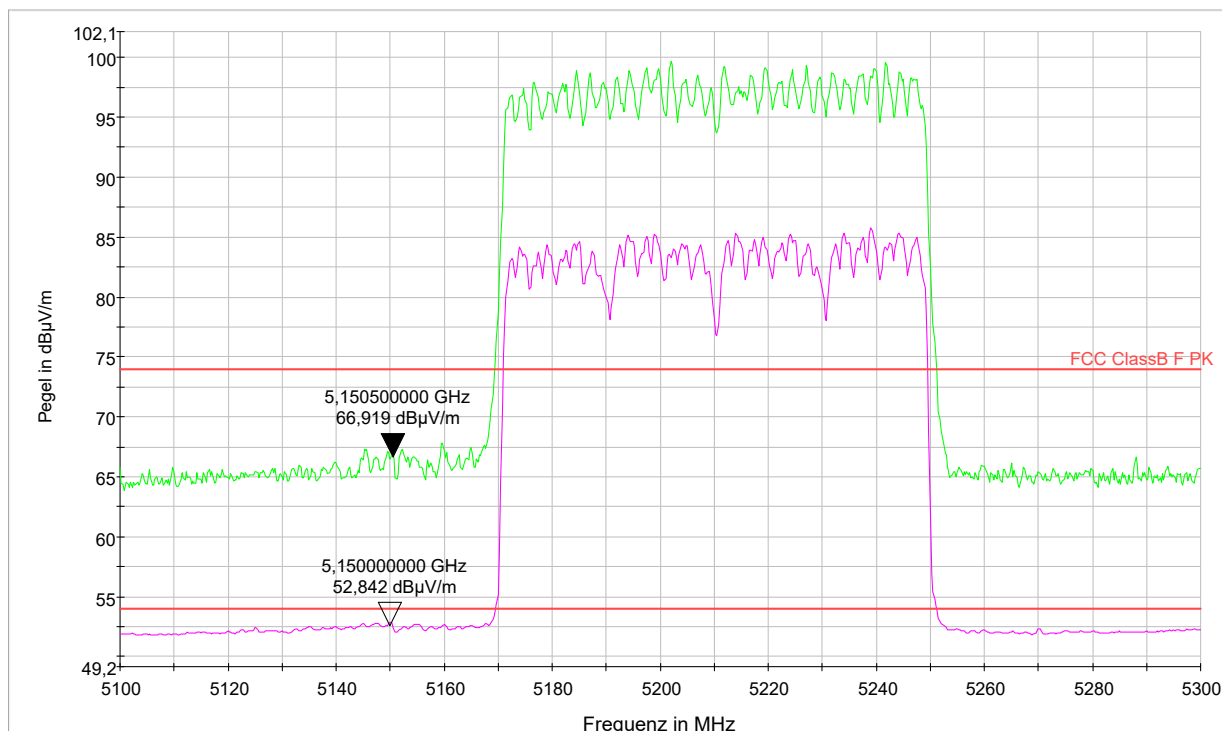
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112; EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line): Band Edge requirement

Setup: CH 42: 5210 MHz – both Antennas



- CH42_F2_36 PK+ _MAXH [CH42_F2_36.Result:2]
- PK+ _CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F QP [..\EMI radiated]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- CH42_F2_36 AVG_MAXH [CH42_F2_36.Result:4]
- PK+ _MAXH [Ergebnistabelle.Result:2]
- FCC ClassB F PK [..\EMI radiated]
- AVG_MAXH [Ergebnistabelle.Result:4]

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

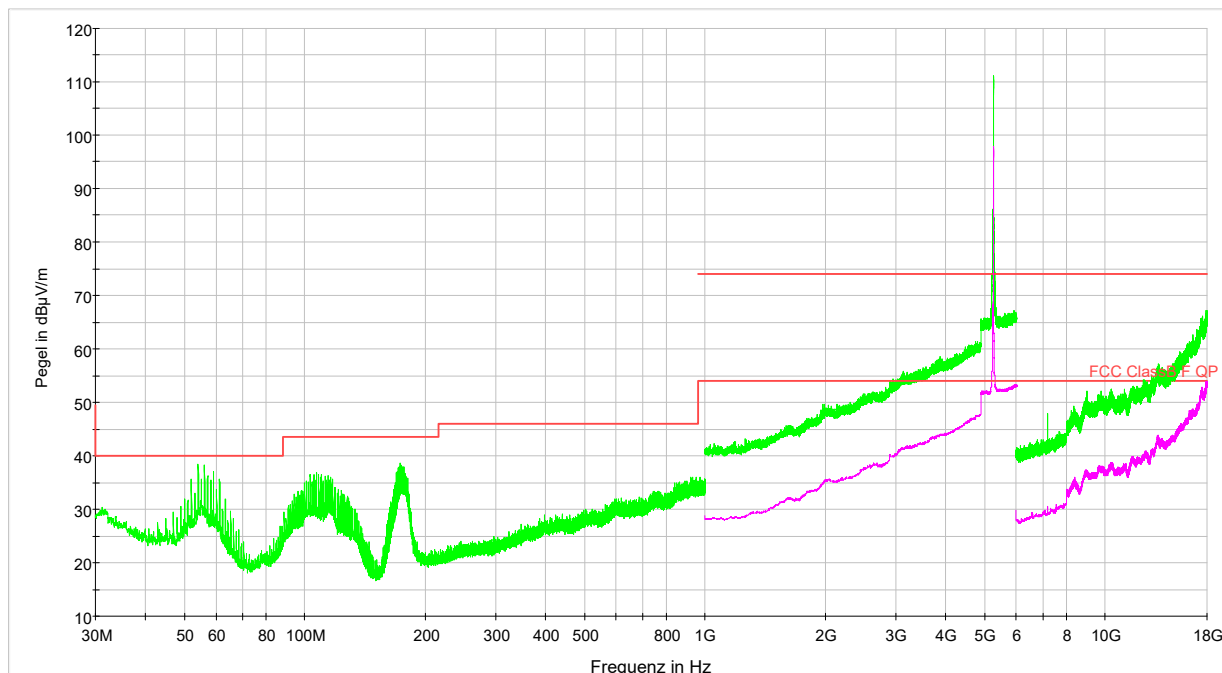
Band edge of the nearest restricted band: 5150 MHz.

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-200

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 52: 5260 MHz – both Antennas



- PK+_MAXH(1)@fcc [ch52_f1.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG_MAXH(1):CH52_F3 [CH52_F3.Result:4]
- PK+_MAXH(1):CH52_F2_55 [CH52_F2_55.Result:2]
- PK+_MAXH [Ergebnistabelle.Result:2]
- AVG_MAXH(1):CH52_F2_55 [CH52_F2_55.Result:4]
- AVG_MAXH [Ergebnistabelle.Result:4]
- PK+_MAXH(1):CH52_F3 [CH52_F3.Result:2]

Worst case emission: 47,6 dBµV/m @ 10,52 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

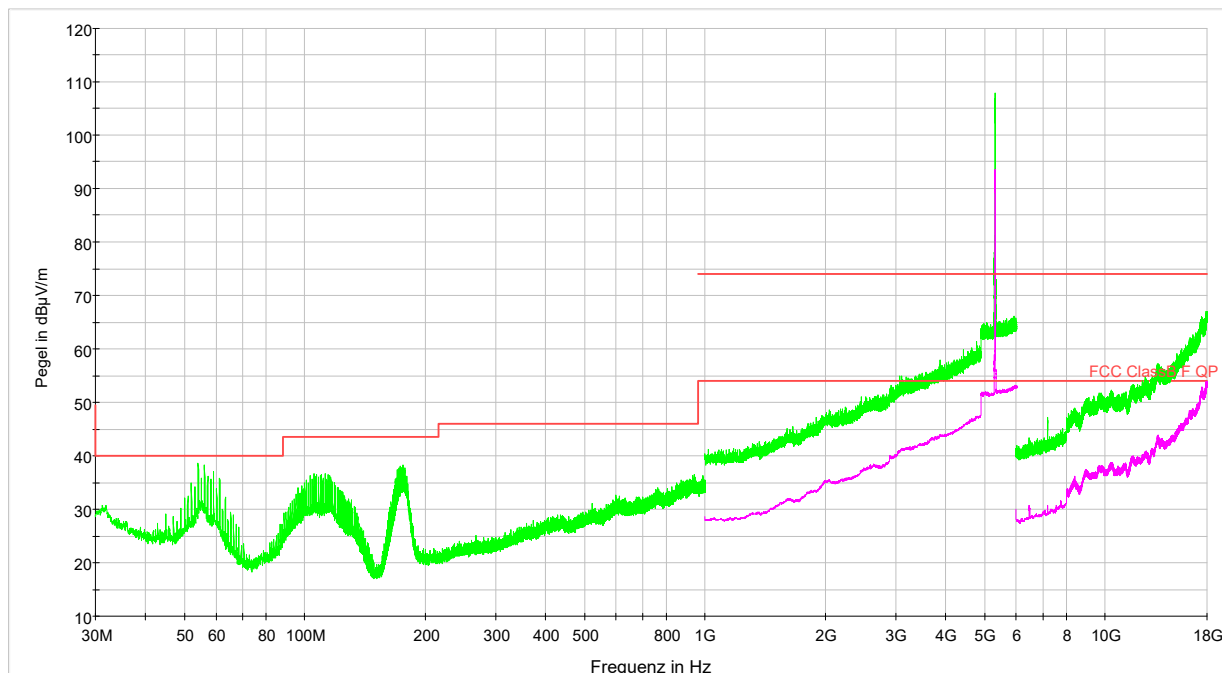
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112; EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 64: 5320 MHz – both Antennas



- PK+ _MAXH(1):CH64_F2_42 [CH64_F2_42.Result:2]
- PK+ _CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG _CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG _MAXH(1) [CH36_F3.Result:4]
- AVG _MAXH(1):CH64_F2_42 [CH64_F2_42.Result:4]
- PK+ _MAXH [Ergebnistabelle.Result:2]
- PK+ _MAXH(1)@fcc [ch48_f1.Result:2]
- AVG _MAXH [Ergebnistabelle.Result:4]
- PK+ _MAXH(1) [CH36_F3.Result:2]

Worst case emission: 48,5 dBµV/m @ 10,64 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

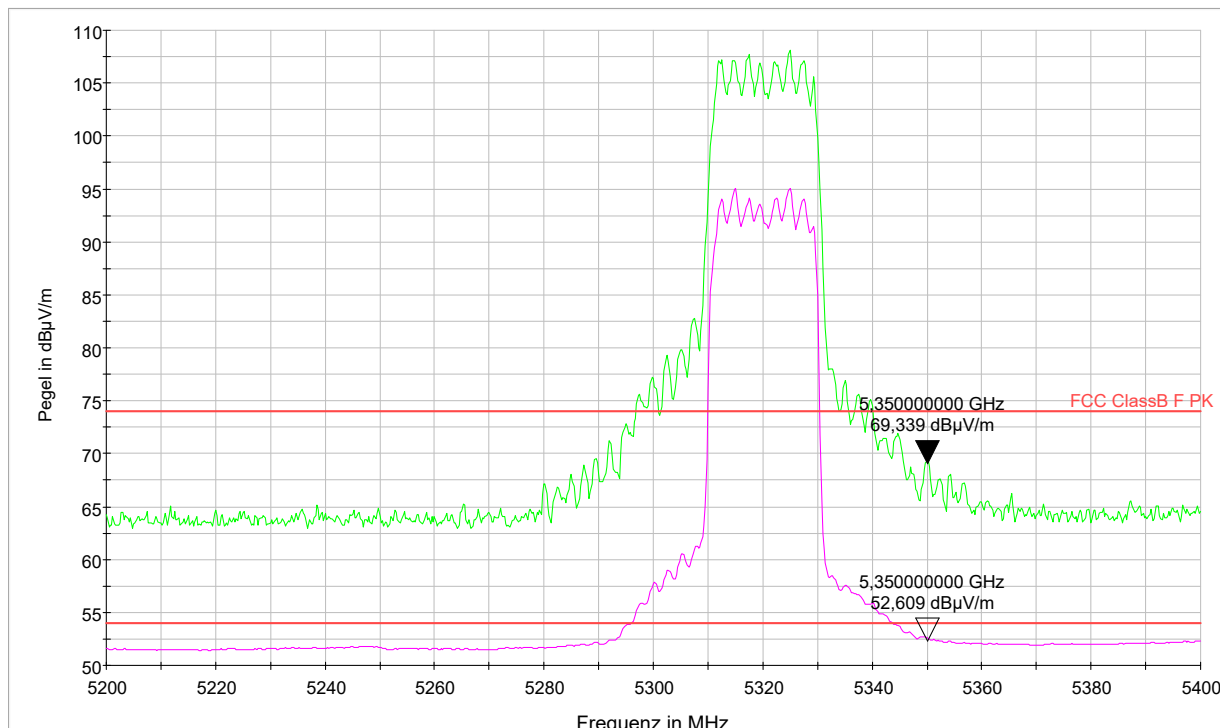
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112; EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line): Band Edge requirement

Setup: CH 64: 5320 MHz – both Antennas



- CH64_F2_42 PK+ MAXH [CH64_F2_42.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F QP [..\EMI radiated]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- CH64_F2_42 AVG_MAXH [CH64_F2_42.Result:4]
- PK+_MAXH [Ergebnistabelle.Result:2]
- FCC ClassB F PK [..\EMI radiated]
- AVG_MAXH [Ergebnistabelle.Result:4]

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

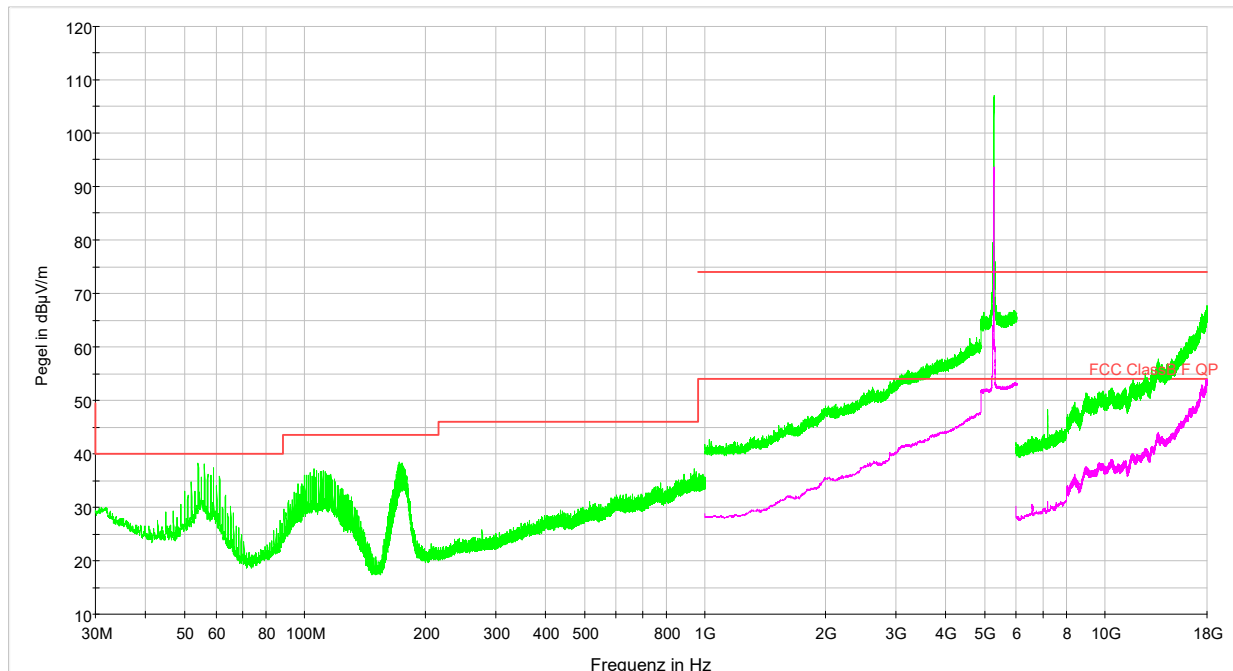
Band edge of the nearest restricted band: 5350 MHz.

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-200

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 54: 5270 MHz – both Antennas



- PK+_MAXH(1):ch54_f1 [ch54_f1.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG_MAXH(1):CH54_F3 [CH54_F3.Result:4]
- PK+_MAXH(1):CH54_F2_53 [CH54_F2_53.Result:2]
- PK+_MAXH [Ergebnistabelle.Result:2]
- AVG_MAXH(1):CH54_F2_53 [CH54_F2_53.Result:4]
- AVG_MAXH [Ergebnistabelle.Result:4]
- PK+_MAXH(1):CH54_F3 [CH54_F3.Result:2]

Worst case emission: 46,7 dBµV/m @ 10,54 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

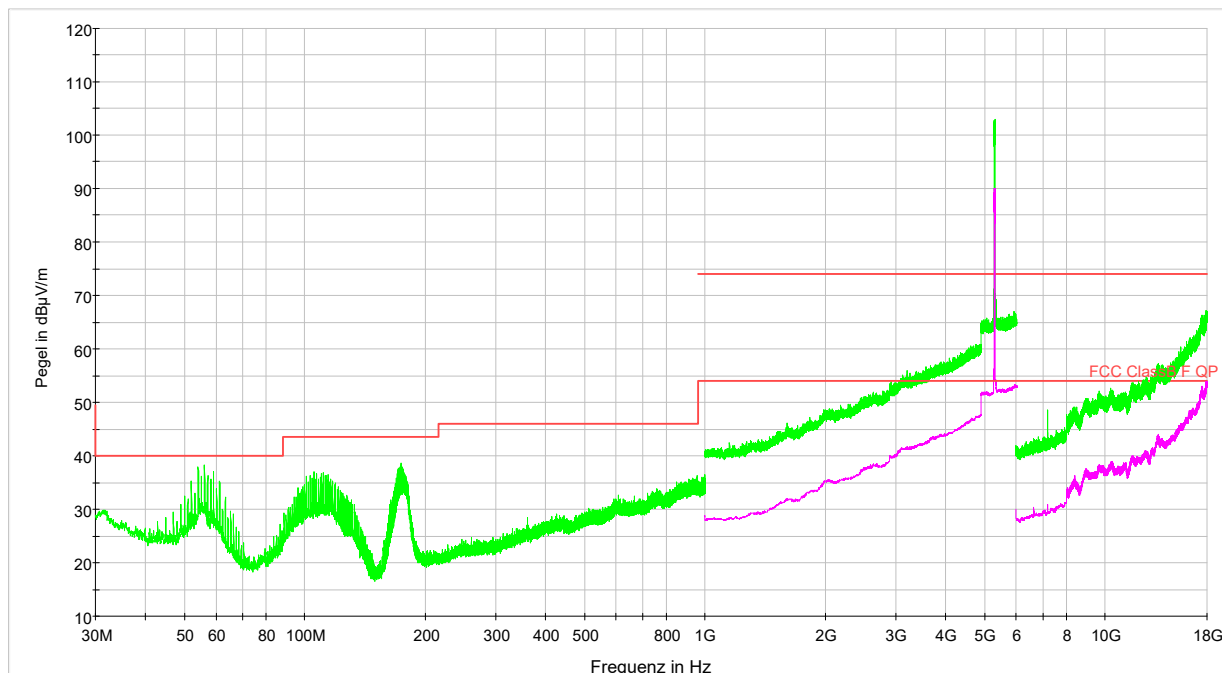
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112; EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 62: 5310 MHz – both Antennas



- PK+ _MAXH(1):ch62_f1 [ch62_f1.Result:2]
- PK+ _CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG _CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG _MAXH(1):CH62_F3 [CH62_F3.Result:4]
- PK+ _MAXH(1):CH62_F2_38 [CH62_F2_38.Result:2]
- PK+ _MAXH [Ergebnistabelle.Result:2]
- AVG _MAXH(1):CH62_F2_38 [CH62_F2_38.Result:4]
- AVG _MAXH [Ergebnistabelle.Result:4]
- PK+ _MAXH(1):CH62_F3 [CH62_F3.Result:2]

Worst case emission: 49,1 dBµV/m @ 10,62 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

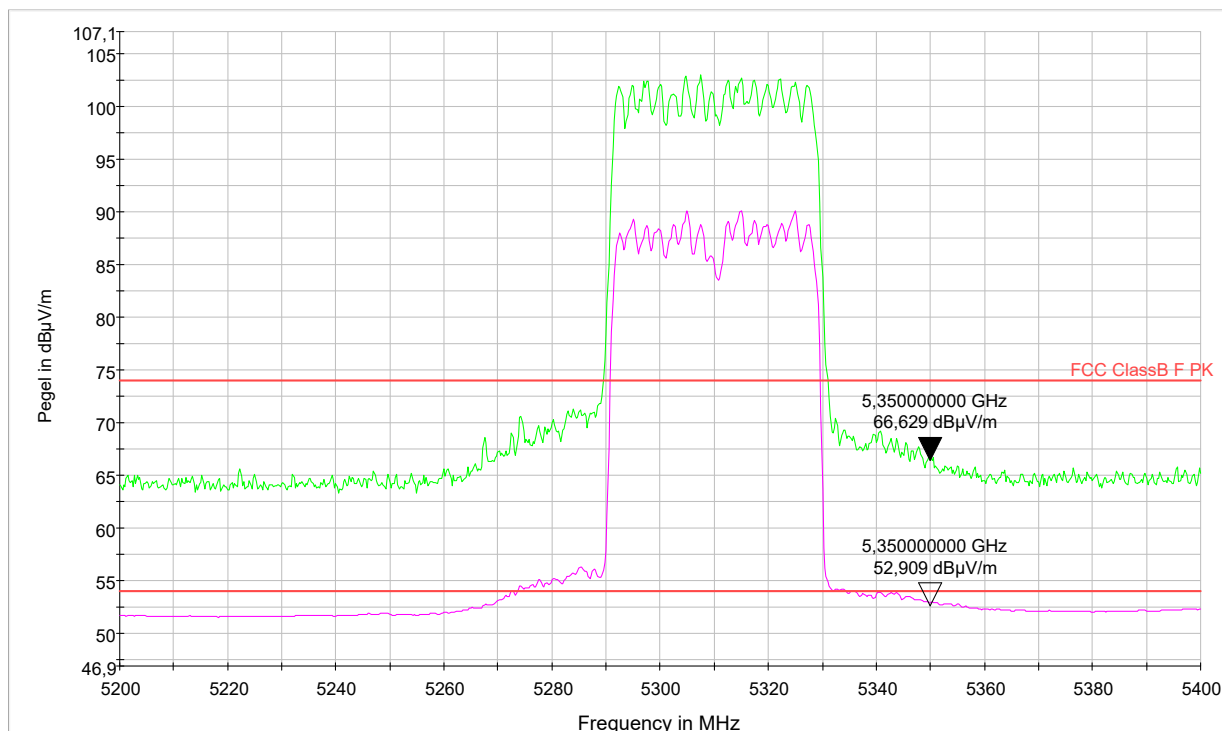
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112; EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line): Band Edge requirement

Setup: CH 62: 5310 MHz – both Antennas



- CH62_F2_38 PK+_MAXH [CH62_F2_38.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F QP [..EMI radiated]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- CH62_F2_38 AVG_MAXH [CH62_F2_38.Result:4]
- PK+_MAXH [Ergebnistabelle.Result:2]
- FCC ClassB F PK [..EMI radiated]
- AVG_MAXH [Ergebnistabelle.Result:4]

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

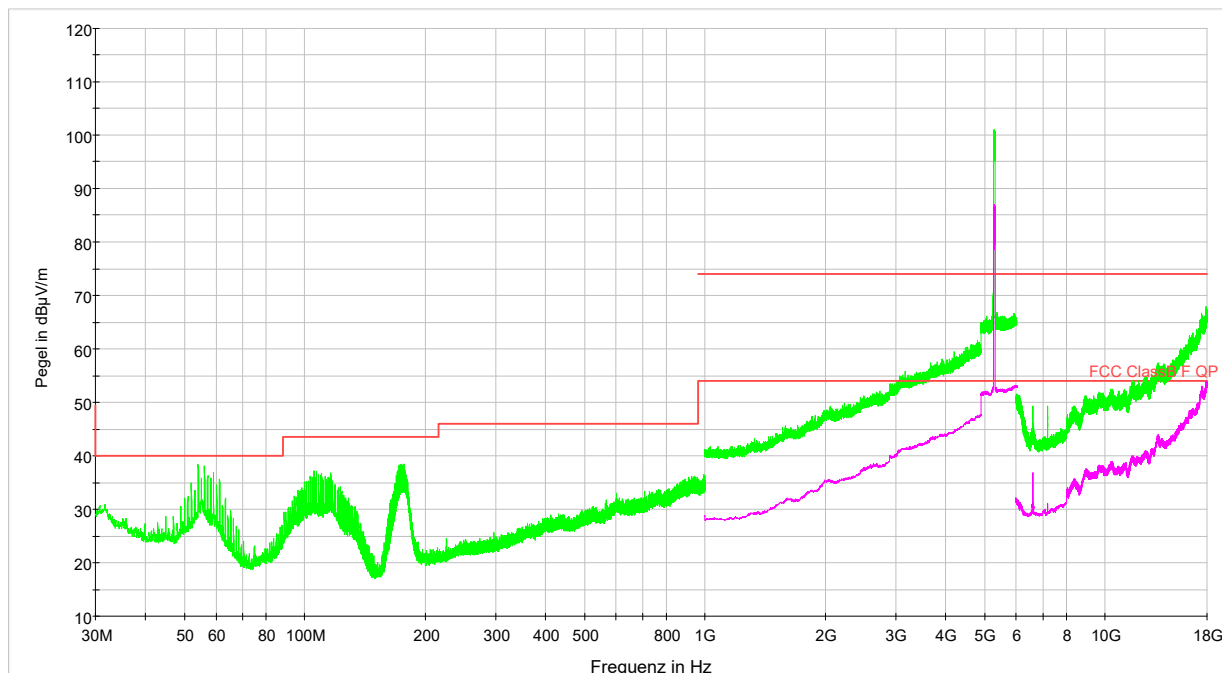
Band edge of the nearest restricted band: 5350 MHz.

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-200

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 58: 5290 MHz – both Antennas



- PK+ _MAXH(1):ch58_f1 [ch58_f1.Result:2]
- PK+ _CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG _CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG _MAXH(1):CH58_F3 [CH58_F3.Result:4]
- PK+ _MAXH(1):CH58_F2_40 [CH58_F2_40.Result:2]
- PK+ _MAXH [Ergebnistabelle.Result:2]
- AVG _MAXH(1):CH58_F2_40 [CH58_F2_40.Result:4]
- AVG _MAXH [Ergebnistabelle.Result:4]
- PK+ _MAXH(1):CH58_F3 [CH58_F3.Result:2]

Worst case emission: 48,2 dBµV/m @ 10,58 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

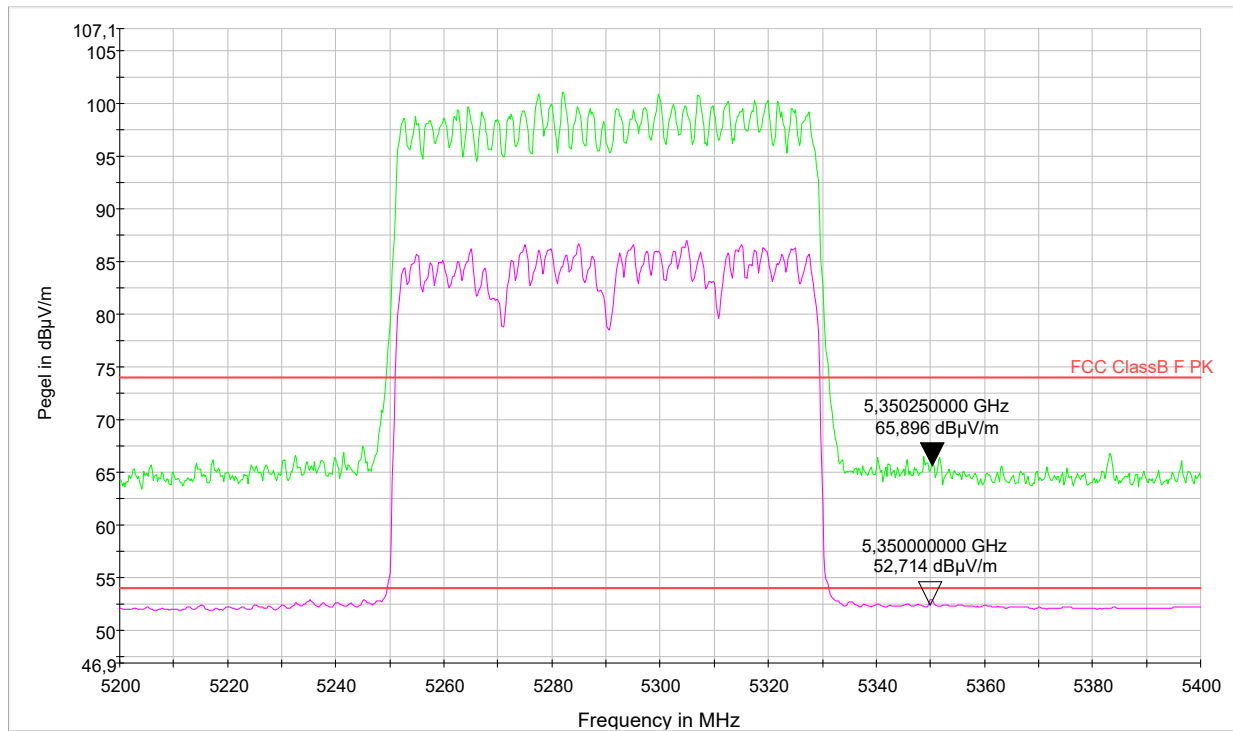
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112;
EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line): Band Edge requirement

Setup: CH 58: 5290 MHz – both Antennas



- CH58_F2_40 PK+_MAXH [CH58_F2_40.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F QP [..EMI radiated]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- CH58_F2_40 AVG_MAXH [CH58_F2_40.Result:4]
- PK+_MAXH [Ergebnistabelle.Result:2]
- FCC ClassB F PK [..EMI radiated]
- AVG_MAXH [Ergebnistabelle.Result:4]

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

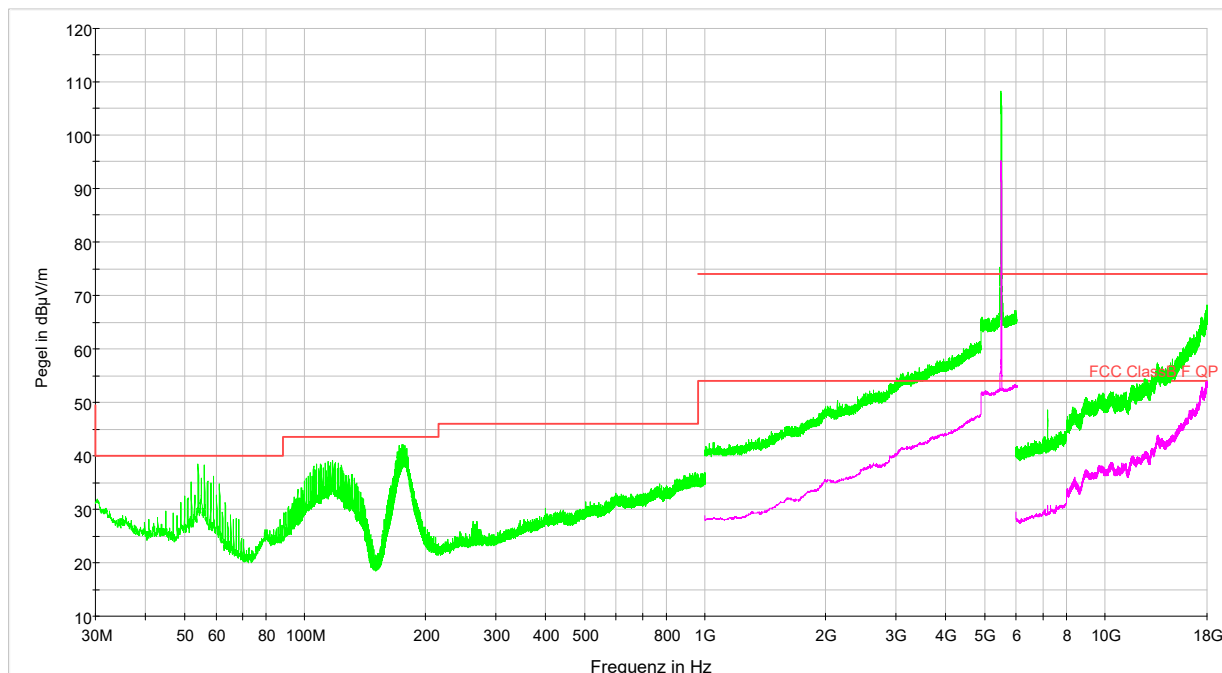
Band edge of the nearest restricted band: 5350 MHz.

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-200

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 100: 5500 MHz – both Antennas



- PK+_MAXH(1):ch100_f1 [ch100_f1.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG_MAXH(1):CH100_F3 [CH100_F3.Result:4]
- PK+_MAXH(1):CH100_F2_34 [CH100_F2_34.Result:2]
- PK+_MAXH [Ergebnistabelle.Result:2]
- AVG_MAXH(1):CH100_F2_34 [CH100_F2_34.Result:4]
- AVG_MAXH [Ergebnistabelle.Result:4]
- PK+_MAXH(1):CH100_F3 [CH100_F3.Result:2]

Worst case emission: 51,6 dBµV/m @ 11,00 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

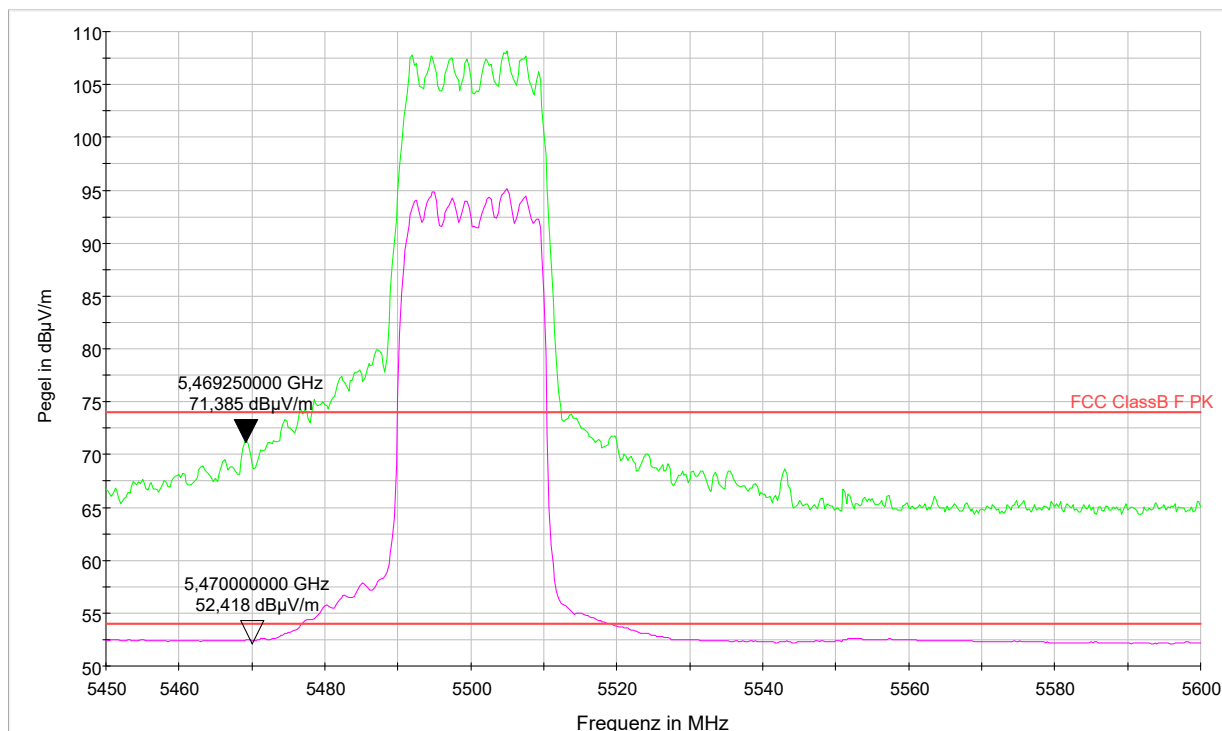
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112; EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line): Band Edge requirement

Setup: CH 100: 5500 MHz – both Antennas



- CH100_F2_34_PK+_MAXH [CH100_F2_34.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F QP [..\EMI radiated\]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- CH100_F2_34_AVG_MAXH [CH100_F2_34.Result:4]
- PK+_MAXH [Ergebnistabelle.Result:2]
- FCC ClassB F PK [..\EMI radiated\]
- AVG_MAXH [Ergebnistabelle.Result:4]

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

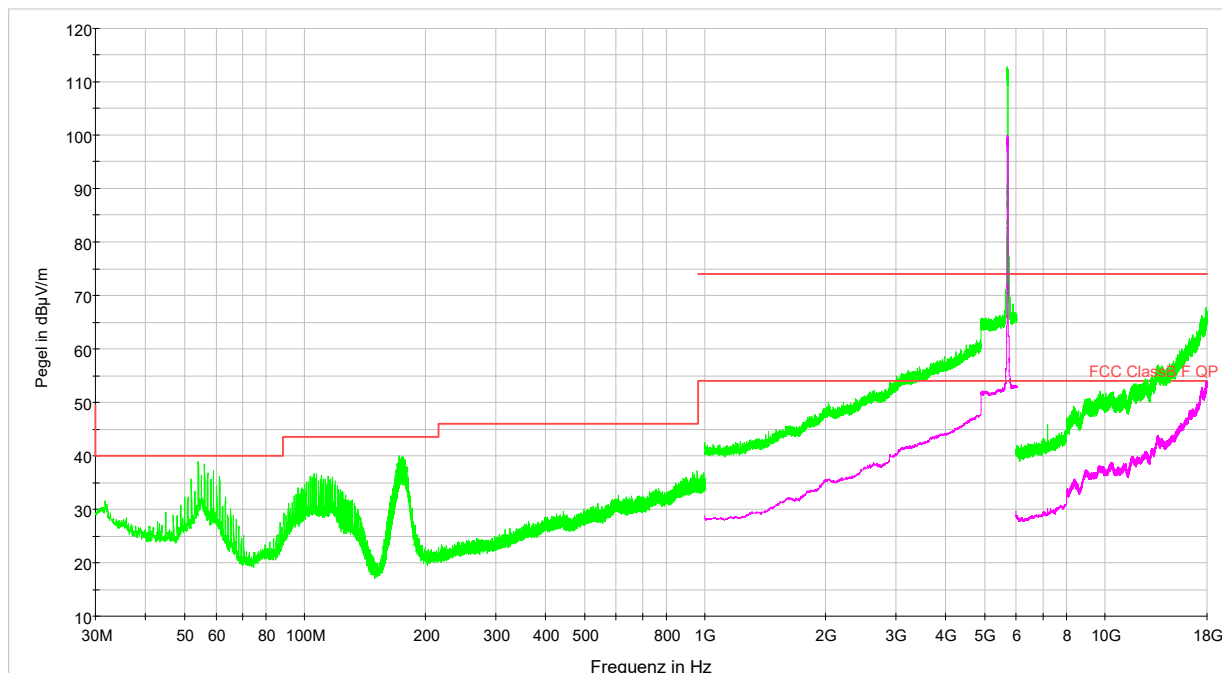
Band edge of the nearest restricted band: 5460 MHz.

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-200

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 144: 5720 MHz – both Antennas



- PK+_MAXH(1)@fcc [ch144_f1.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG_MAXH(1):CH144_F3 [CH144_F3.Result:4]
- PK+_MAXH(1):CH144_F2_55 [CH144_F2_55.Result:2]
- PK+_MAXH [Ergebnistabelle.Result:2]
- AVG_MAXH(1):CH144_F2_55 [CH144_F2_55.Result:4]
- AVG_MAXH [Ergebnistabelle.Result:4]
- PK+_MAXH(1):CH144_F3 [CH144_F3.Result:2]

Worst case emission: 47,7 dBµV/m @ 11,44 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

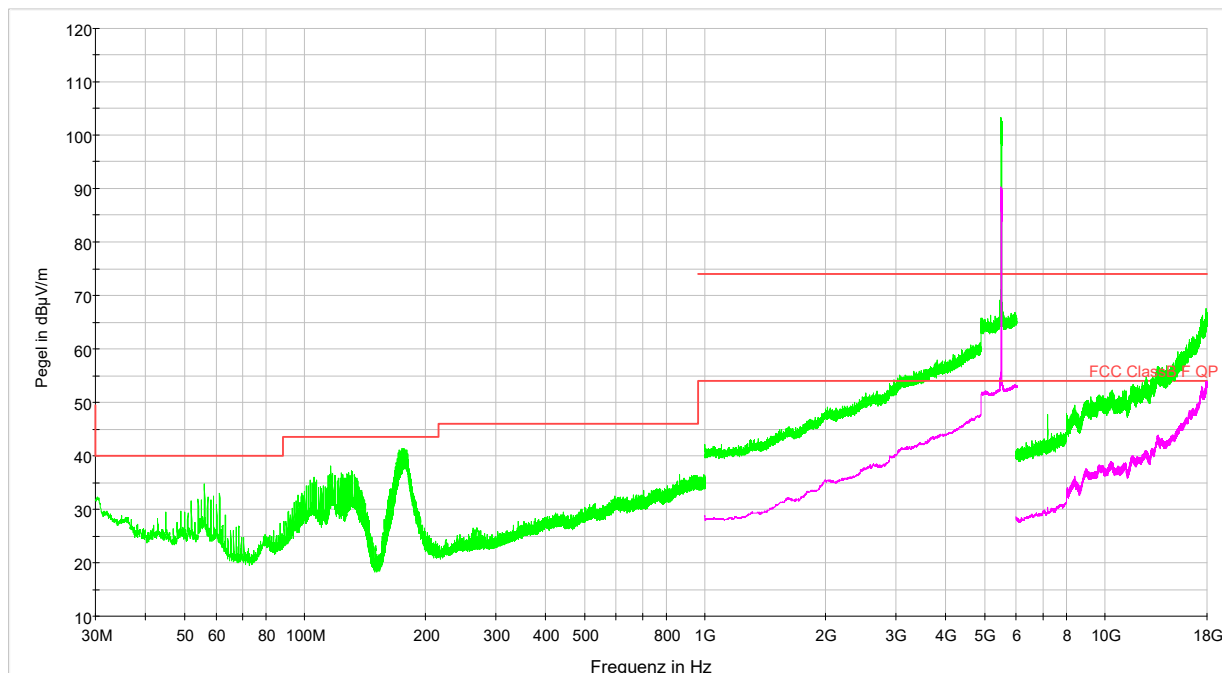
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112; EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 102: 5510 MHz – both Antennas



- PK+ _MAXH(1)@fcc [ch102_f1.Result:2]
- PK+ _CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG _CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG _MAXH(1):CH102_F3 [CH102_F3.Result:4]
- PK+ _MAXH(1):CH102_F2_32 [CH102_F2_32.Result:2]
- PK+ _MAXH [Ergebnistabelle.Result:2]
- AVG _MAXH(1):CH102_F2_32 [CH102_F2_32.Result:4]
- AVG _MAXH [Ergebnistabelle.Result:4]
- PK+ _MAXH(1):CH102_F3 [CH102_F3.Result:2]

Worst case emission: 50,4 dBµV/m @ 11,124 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

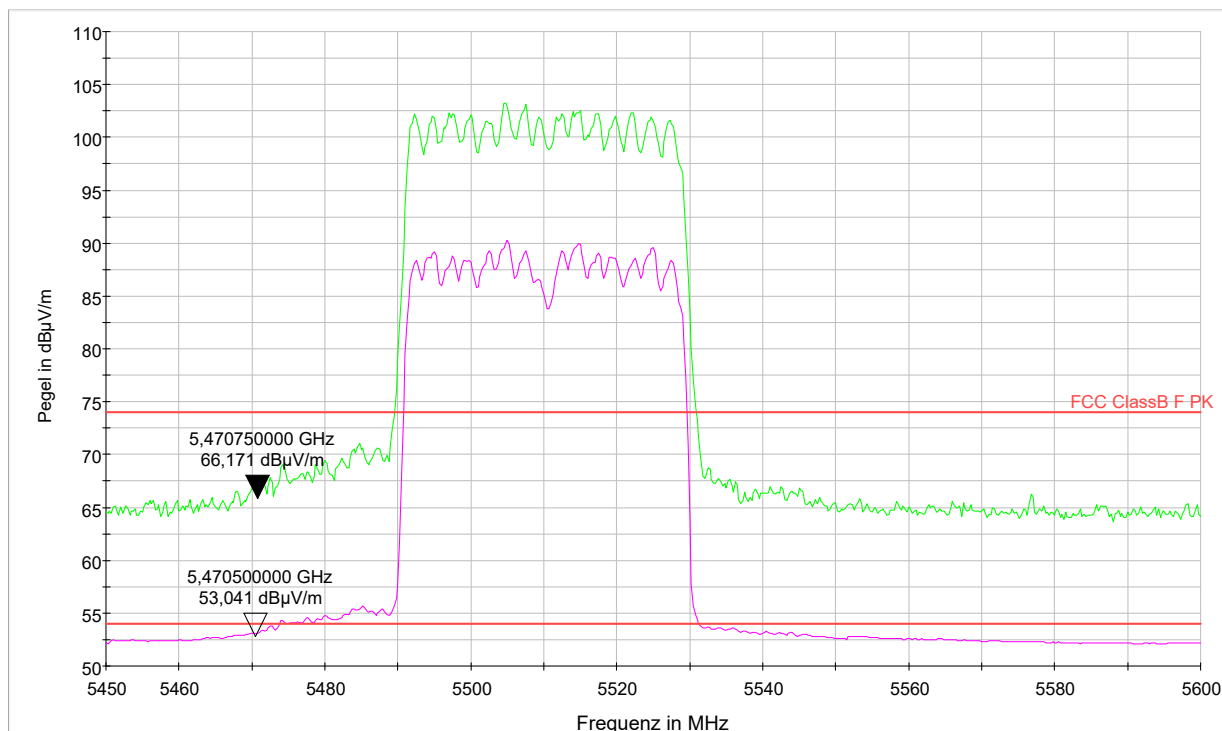
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112; EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line): Band Edge requirement

Setup: CH 102: 5510 MHz – both Antennas



- CH102_F2_32_PK+_MAXH [CH102_F2_32.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F QP [..\EMI radiated\]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- CH102_F2_32_AVG_MAXH [CH102_F2_32.Result:4]
- PK+_MAXH [Ergebnistabelle.Result:2]
- FCC ClassB F PK [..\EMI radiated\]
- AVG_MAXH [Ergebnistabelle.Result:4]

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

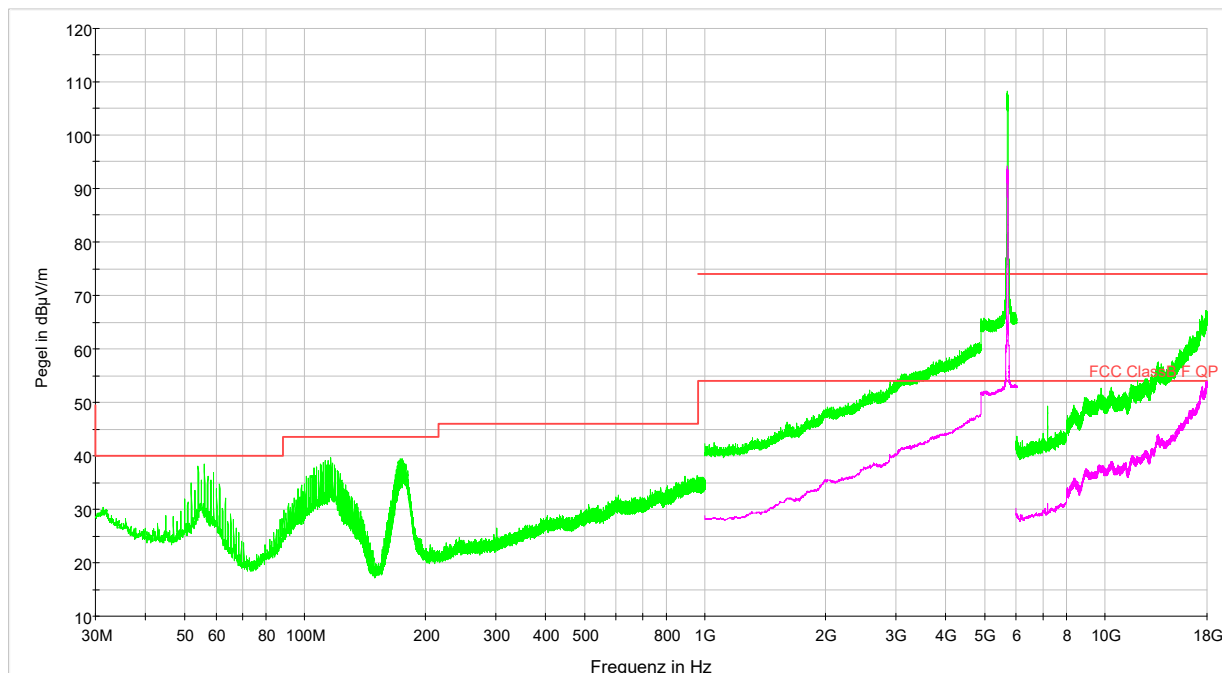
Band edge of the nearest restricted band: 5460 MHz.

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-200

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 142: 5690 MHz – both Antennas



- PK+_MAXH(1):ch142_f1 [ch142_f1.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- PK+_MAXH(1):CH142_F3 [CH142_F3.Result:2]
- AVG_MAXH(1):ch142_f1 [ch142_f1.Result:4]
- PK+_MAXH [Ergebnistabelle.Result:2]
- PK+_MAXH(1):CH142_F2_50 [CH142_F2_50.Result:2]
- AVG_MAXH [Ergebnistabelle.Result:4]
- AVG_MAXH(1):CH142_F2_50 [CH142_F2_50.Result:4]
- AVG_MAXH(1):CH142_F3 [CH142_F3.Result:4]

Worst case emission: 48,4 dBµV/m @ 11,422 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

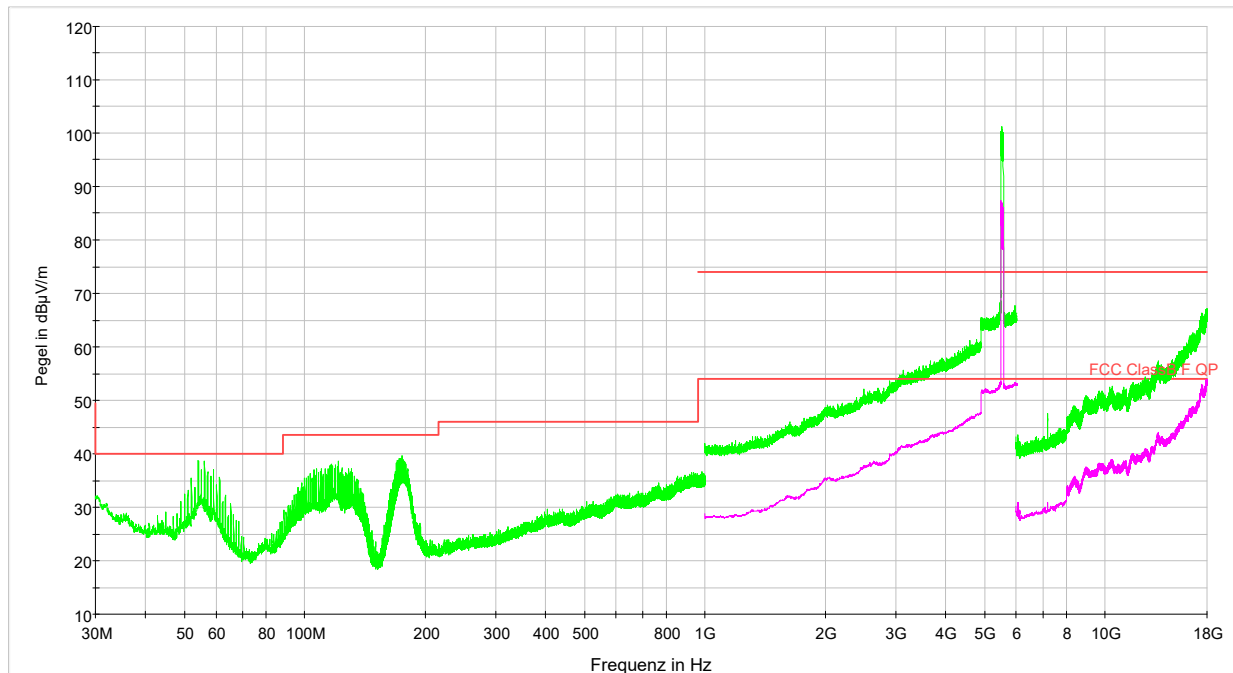
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112; EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 106: 5530 MHz – both Antennas



- PK+_MAXH(1):ch106_f1 [ch106_f1.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG_MAXH(1):CH106_F3 [CH106_F3.Result:4]
- PK+_MAXH(1):CH106_F2_32 [CH106_F2_32.Result:2]
- PK+_MAXH [Ergebnistabelle.Result:2]
- AVG_MAXH(1):CH106_F2_32 [CH106_F2_32.Result:4]
- AVG_MAXH [Ergebnistabelle.Result:4]
- PK+_MAXH(1):CH106_F3 [CH106_F3.Result:2]

Worst case emission: 49,0 dBµV/m @ 11,142 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

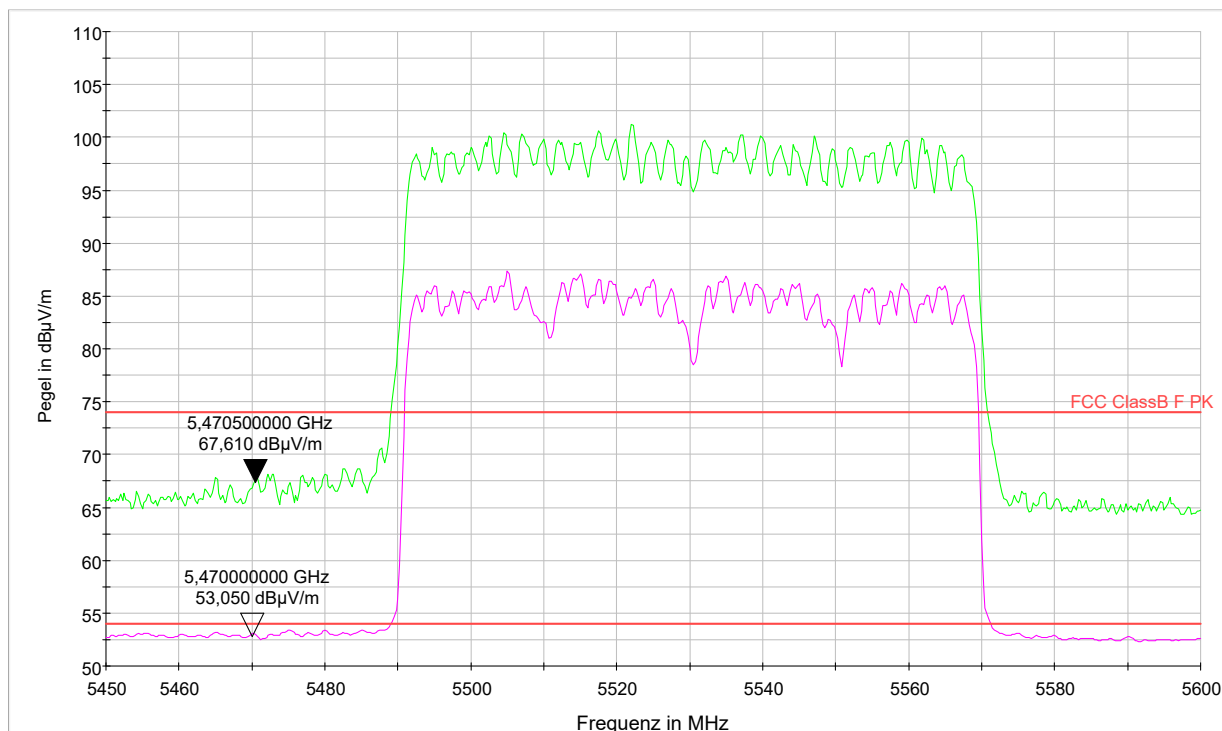
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112;
 EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line): Band Edge requirement

Setup: CH 106: 5530 MHz – both Antennas



- CH106_F2_32_PK+_MAXH [CH106_F2_32.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F QP [..\EMI radiated\]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- CH106_F2_32_AVG_MAXH [CH106_F2_32.Result:4]
- PK+_MAXH [Ergebnistabelle.Result:2]
- FCC ClassB F PK [..\EMI radiated\]
- AVG_MAXH [Ergebnistabelle.Result:4]

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

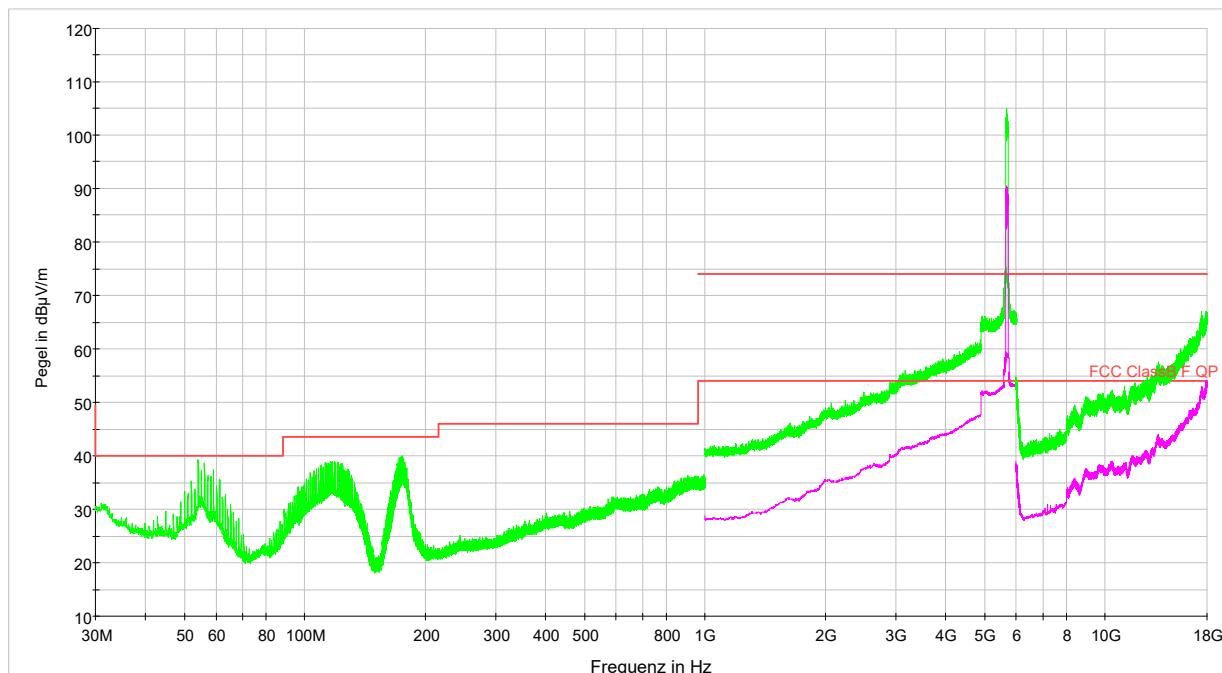
Band edge of the nearest restricted band: 5460 MHz.

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-200

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 138: 5690 MHz – both Antennas



- PK+_MAXH(1):ch138_f1 [ch138_f1.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG_MAXH(1):CH138_F3 [CH138_F3.Result:4]
- PK+_MAXH(1):CH138_F2_42 [CH138_F2_42.Result:2]
- PK+_MAXH [Ergebnistabelle.Result:2]
- AVG_MAXH(1):CH138_F2_42 [CH138_F2_42.Result:4]
- AVG_MAXH [Ergebnistabelle.Result:4]
- PK+_MAXH(1):CH138_F3 [CH138_F3.Result:2]

Worst case emission: 48,2 dBµV/m @ 11,38 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

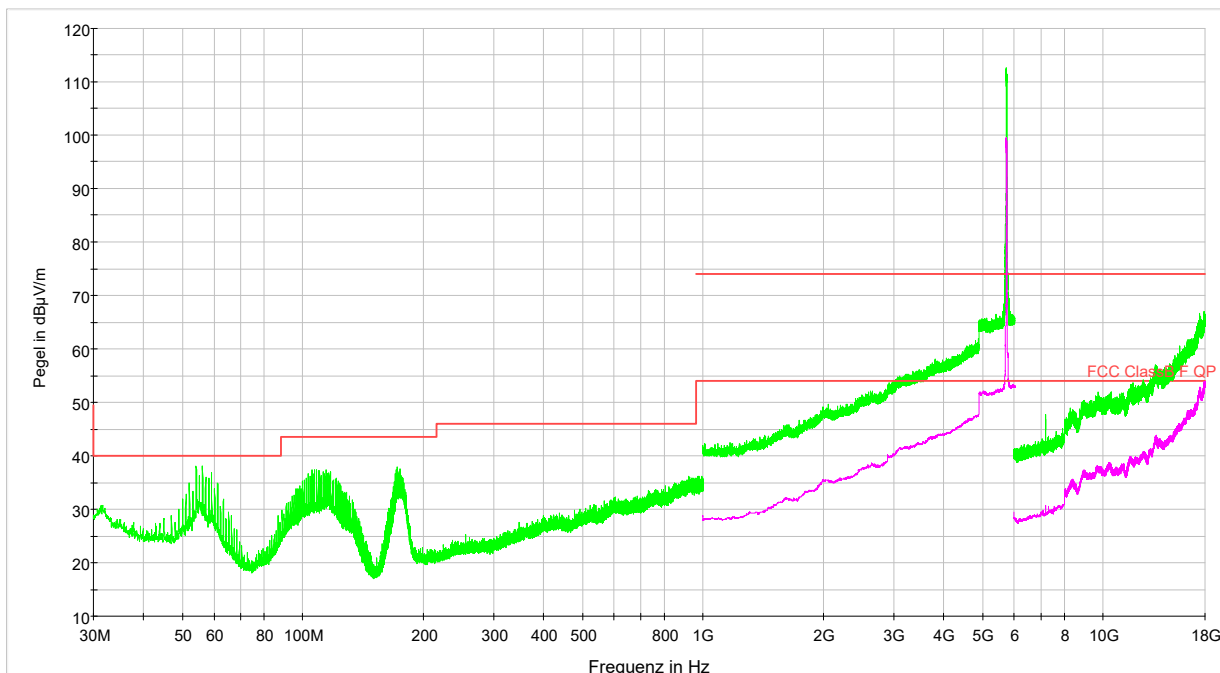
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112; EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 149: 5745 MHz – both Antennas



- PK+ _MAXH(1)@fcc [ch149_f1.Result:2]
- PK+ _CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG _CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG _MAXH(1):CH149_F3 [CH149_F3.Result:4]
- PK+ _MAXH(1):CH149_F2_55 [CH149_F2_55.Result:2]
- PK+ _MAXH [Ergebnistabelle.Result:2]
- AVG _MAXH(1):CH149_F2_55 [CH149_F2_55.Result:4]
- AVG _MAXH [Ergebnistabelle.Result:4]
- PK+ _MAXH(1):CH149_F3 [CH149_F3.Result:2]

Worst case emission: 48,9 dBµV/m @ 11,489 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

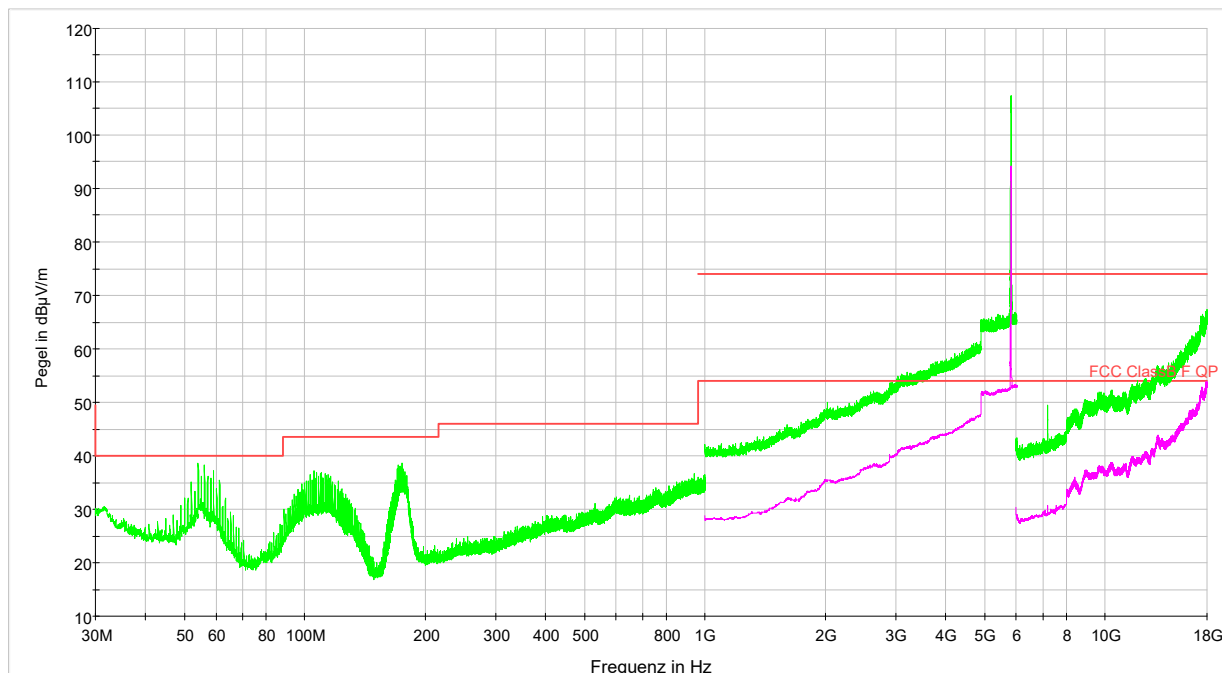
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112;
 EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 165: 5825 MHz – both Antennas



- PK+_MAXH(1)@fcc [ch165_f1.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG_MAXH(1):CH165_F3 [CH165_F3.Result:4]
- PK+_MAXH(1):CH165_F2_32 [CH165_F2_32.Result:2]
- PK+_MAXH [Ergebnistabelle.Result:2]
- AVG_MAXH(1):CH165_F2_32 [CH165_F2_32.Result:4]
- AVG_MAXH [Ergebnistabelle.Result:4]
- PK+_MAXH(1):CH165_F3 [CH165_F3.Result:2]

Worst case emission: 48,0 dBµV/m @ 11,65 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

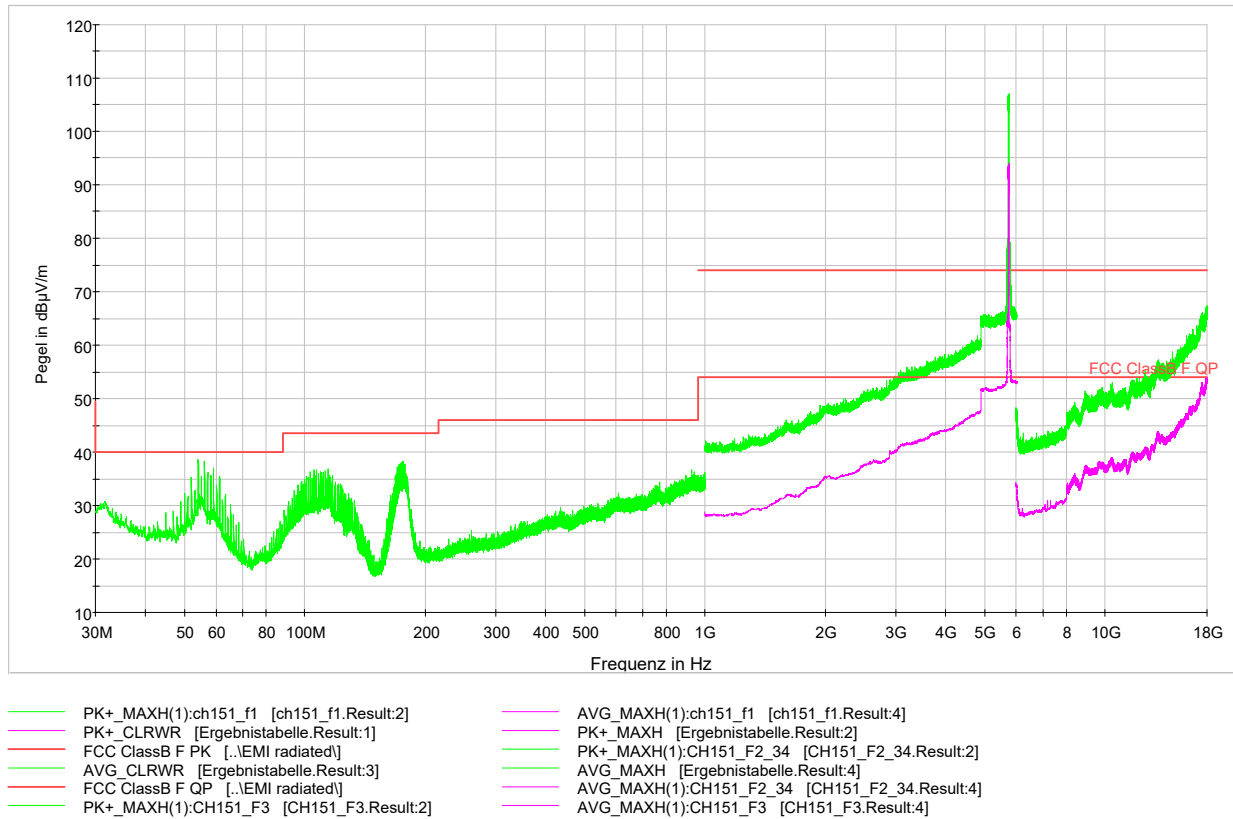
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112; EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 151: 5755 MHz – both Antennas



Worst case emission: 49,1 dBµV/m @ 11,508 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

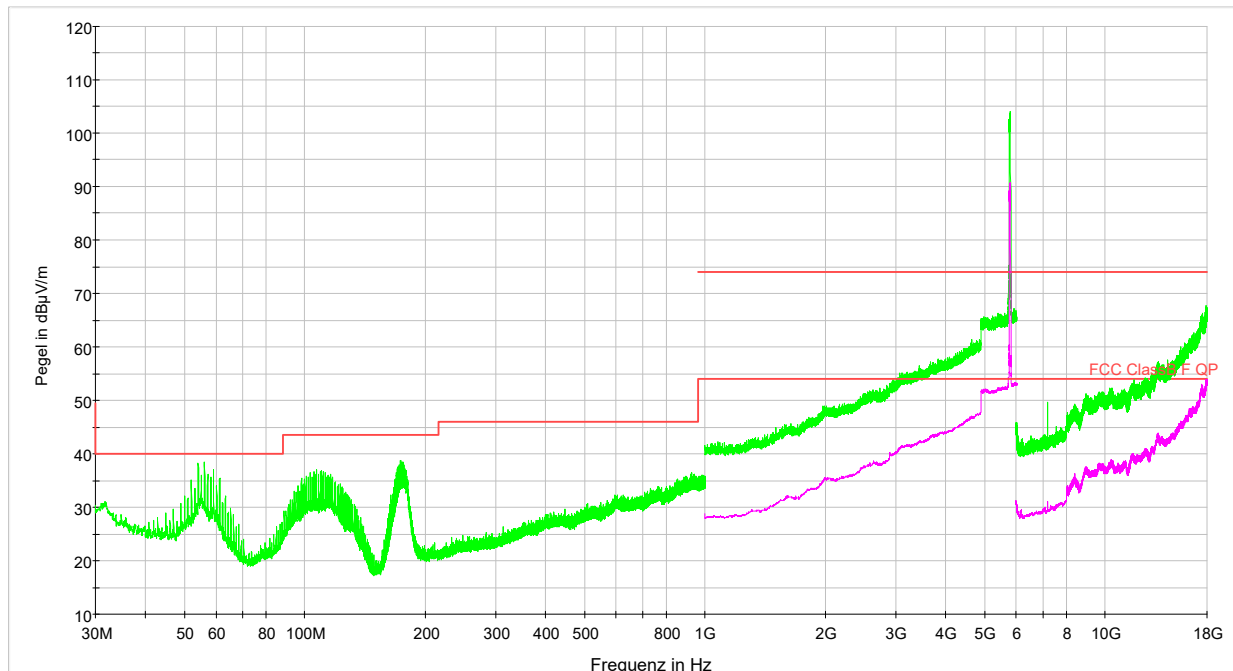
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112; EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 159: 5795 MHz – both Antennas



- PK+_MAXH(1):ch159_f1 [ch159_f1.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG_MAXH(1):CH159_F3 [CH159_F3.Result:4]
- PK+_MAXH(1):CH159_F2_34 [CH159_F2_34.Result:2]
- PK+_MAXH [Ergebnistabelle.Result:2]
- AVG_MAXH(1):CH159_F2_34 [CH159_F2_34.Result:4]
- AVG_MAXH [Ergebnistabelle.Result:4]
- PK+_MAXH(1):CH159_F3 [CH159_F3.Result:2]

Worst case emission: 49,4 dBµV/m @ 11,591 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

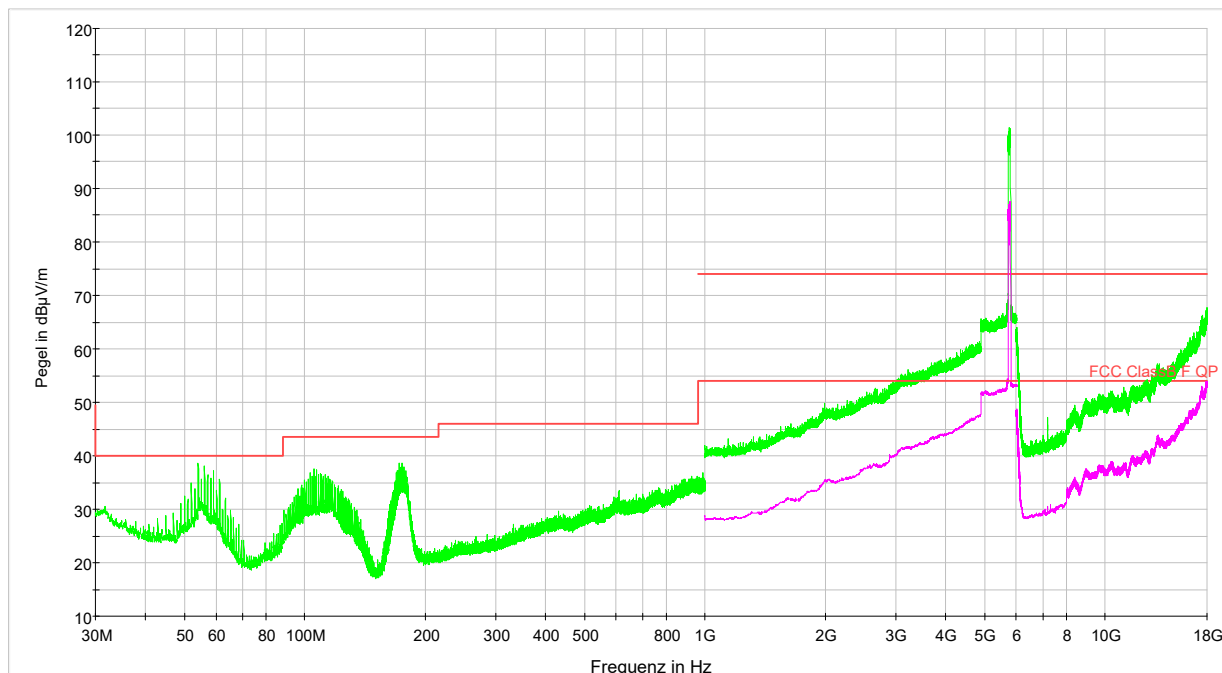
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112; EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

Emissions in restricted bands § 15.209(a)
Emissions falling within restricted frequency bands RSS-Gen

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: CH 155: 5775 MHz – both Antennas



- PK+_MAXH(1)@fcc [ch155_f1.Result:2]
- PK+_CLRWR [Ergebnistabelle.Result:1]
- FCC ClassB F PK [..EMI radiated]
- AVG_CLRWR [Ergebnistabelle.Result:3]
- FCC ClassB F QP [..EMI radiated]
- AVG_MAXH(1):CH155_F3 [CH155_F3.Result:4]
- PK+_MAXH(1):CH155_F2_34 [CH155_F2_34.Result:2]
- PK+_MAXH [Ergebnistabelle.Result:2]
- AVG_MAXH(1):CH155_F2_34 [CH155_F2_34.Result:4]
- AVG_MAXH [Ergebnistabelle.Result:4]
- PK+_MAXH(1):CH155_F3 [CH155_F3.Result:2]

Worst case emission: 48,2 dBµV/m @ 11,55 GHz

Remark: Although the measurement above ends at 18 GHz, all measurements were performed up to the tenth harmonics of the transmitter frequency.

LIMIT SUBCLAUSE 15.209(a) – RSS-Gen

Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100**	3
88-216	150**	3
216-960	200**	3
Above 960	500	3

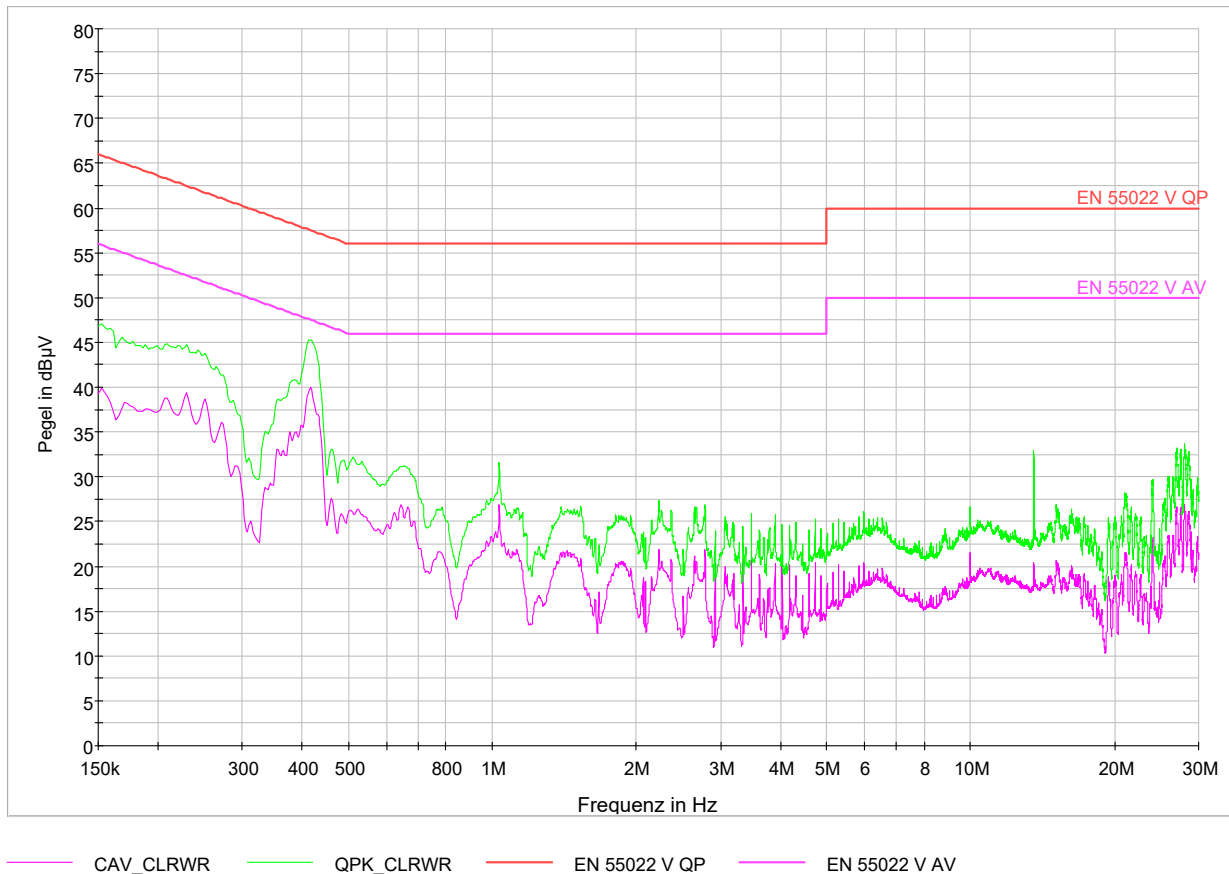
Test Equipment used: EMV-100; EMV-101; EMV-102; EMV-103; EMV-105; EMV-110; EMV-111; EMV-112;
 EMV-114; EMV-200; EMV-205; NT-122; NT-126; NT-416

4.11. Conducted Limits

§ 15.207
 RSS-Gen 8.8

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: 20 MHz BW – for each mode on the channel with highest RF output power was measured



LIMIT SUBCLAUSE 15.207(a) – RSS-Gen 8.8

Frequency of emission (MHz)	Conducted limit (dBµV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

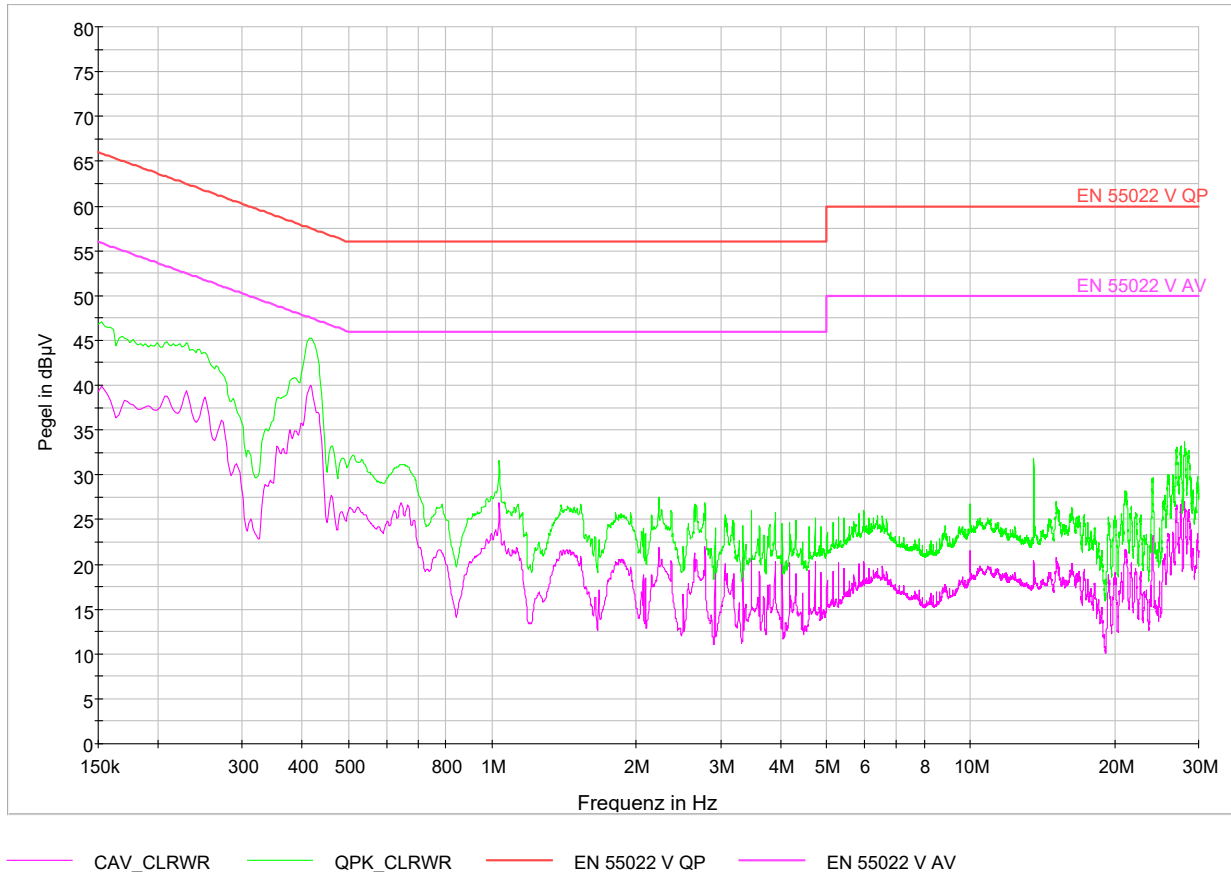
Test Equipment used: NT-300; NT-554; NT-441; EMV-205

Conducted Limits

**§ 15.207
 RSS-Gen 8.8**

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: 40 MHz BW – for each mode on the channel with highest RF output power was measured



LIMIT SUBCLAUSE 15.207(a) – RSS-Gen 8.8

Frequency of emission (MHz)	Conducted limit (dBµV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

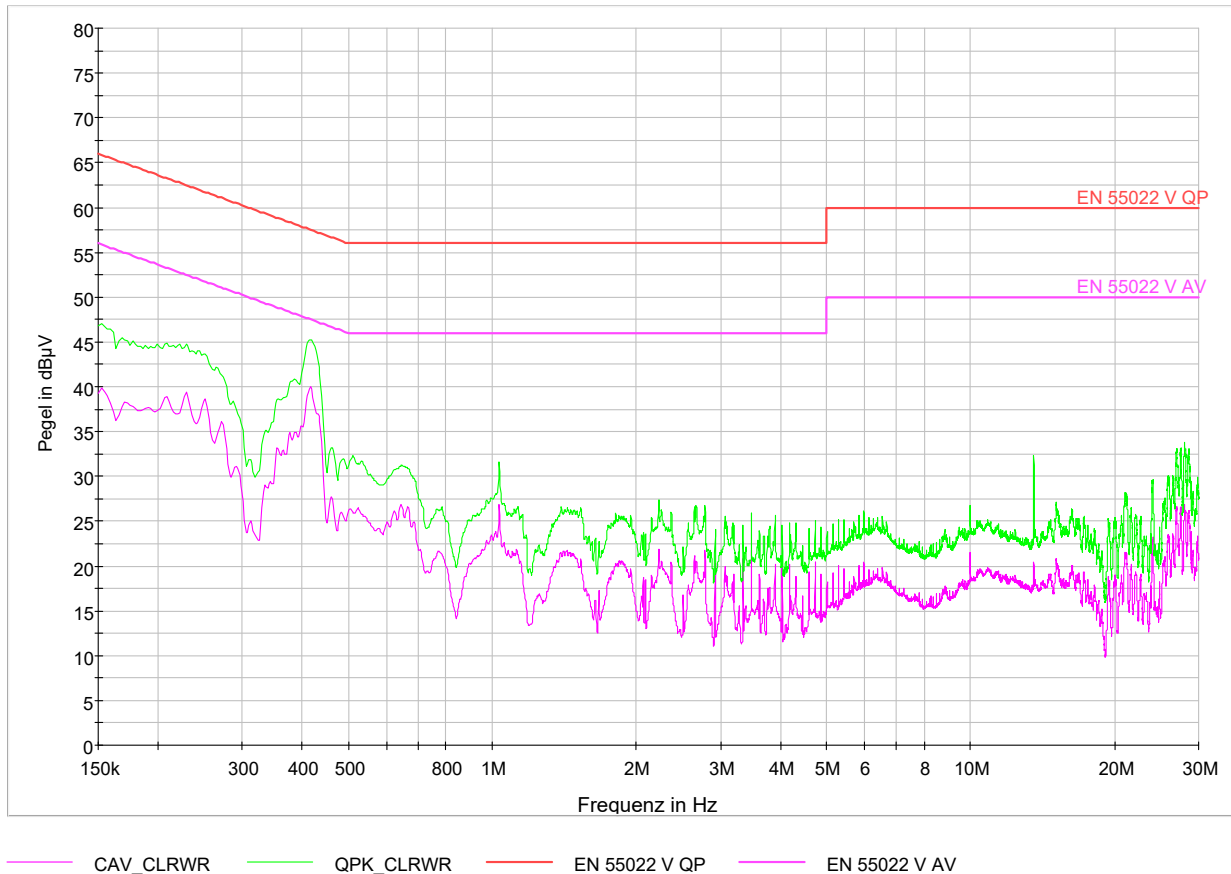
Test Equipment used: NT-300; NT-554; NT-441; EMV-205

Conducted Limits

**§ 15.207
 RSS-Gen 8.8**

Measurement with Peak-Detector (green line) and Average detector (magenta line):

Setup: 80 MHz BW – for each mode on the channel with highest RF output power was measured



LIMIT SUBCLAUSE 15.207(a) – RSS-Gen 8.8

Frequency of emission (MHz)	Conducted limit (dBµV)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

Test Equipment used: NT-300; NT-554; NT-441; EMV-205

4.12. Channel Move Time and Channel Closing Transmission Time § (b)

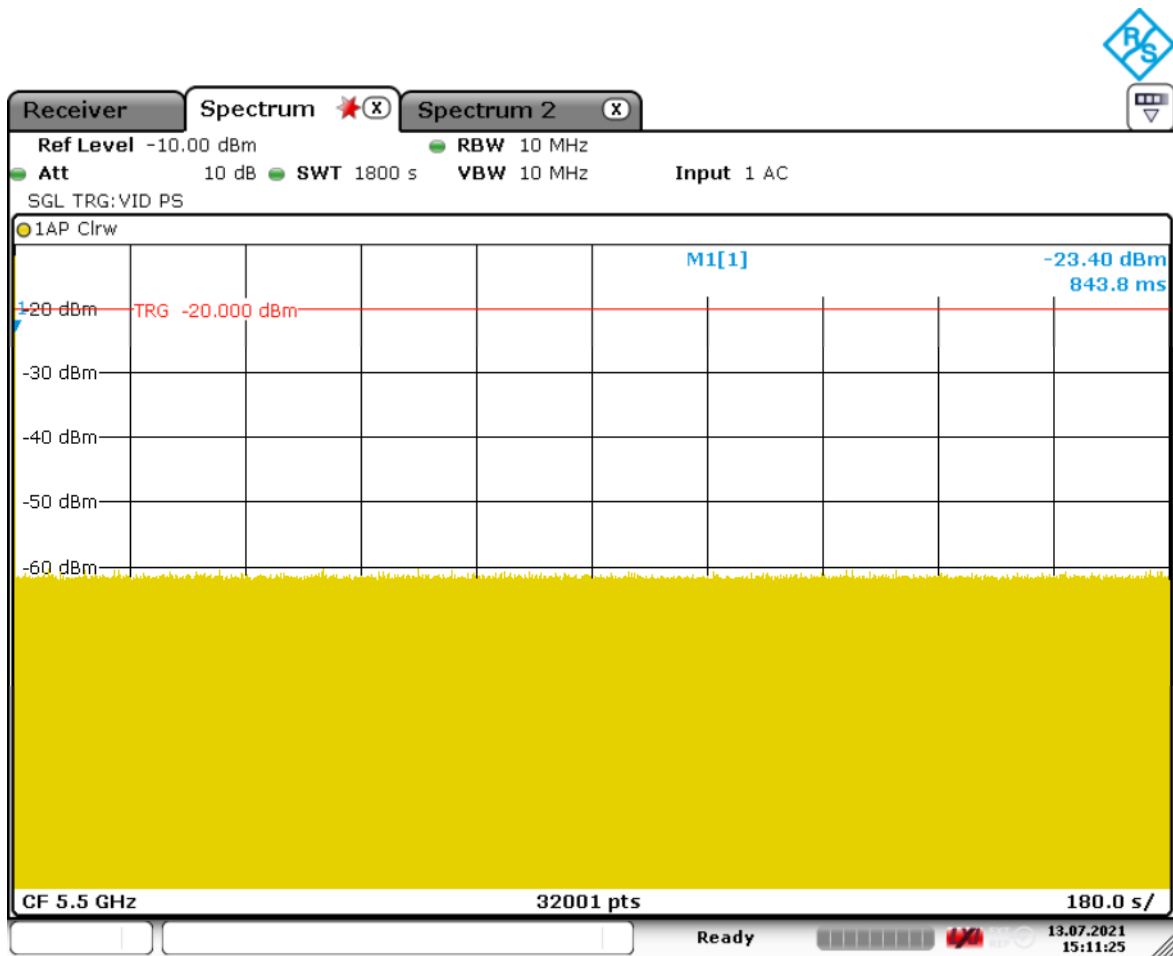
Conducted Measurement
 Rated output power: 32,35 mW

According to (a) measurements were performed in 40 MHz BW mode.

Observed Channel Closing Transmission time: maximum 180 milliseconds.

Observed Channel Move Time: below 60 milliseconds in the following 10 seconds.

client non-occupancy period – graph:



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LIMIT (b)

Non-occupancy period	Minimum 30 minutes
----------------------	--------------------

Test Equipment used: NT-313/1; NT-207/1; WIFI Access Point FCC-ID: PY320100480

Appendix 1

Test equipment used

<input type="checkbox"/>	Anechoic Chamber with 3m measurement distance	NT-100	<input type="checkbox"/>	Power quality analyzer Fluke 1760 (complete set)	NT-160 - NT-173
<input type="checkbox"/>	Stripline according to ISO 11452-5	NT-108	<input type="checkbox"/>	Spectrum analyzer – FSP7 9 kHz – 7 GHz	NT-200
<input type="checkbox"/>	MA4000 - Antenna mast 1 - 4 m height	NT-110/1	<input type="checkbox"/>	ESCI - Test receiver 9 kHz - 7 GHz	NT-203/1
<input type="checkbox"/>	DS - Turntable 0 - 400 ° Azimuth	NT-111/1	<input type="checkbox"/>	ESR – Test receiver 20 Hz – 26,5 GHz	NT-207/1
<input type="checkbox"/>	CO3000 Controller Mast+Turntable	NT-112/1	<input type="checkbox"/>	Digital Radio Tester CMW500	NT-208/1
<input type="checkbox"/>	HUF-Z3 - Log. Per. Antenna 200 - 1000 MHz	NT-121	<input type="checkbox"/>	Noise-gen., ITU-R 559-2 20 Hz – 20 kHz	NT-209
<input type="checkbox"/>	FMZB1513 - Loop Antenna 9 kHz - 30 MHz	NT-122/1	<input type="checkbox"/>	CMTA - Radiocommunication analyzer ; 0,1 - 1000 MHz	NT-210
<input type="checkbox"/>	HFH-Z6 - Rod Antenna 9 kHz - 30 MHz	NT-123	<input type="checkbox"/>	3271 - Spectrum analyzer 100 Hz - 26,5 GHz	NT-211
<input type="checkbox"/>	3121C - Dipole Antenna 28 - 1000 MHz	NT-124	<input type="checkbox"/>	Digital Radio Tester Aeroflex 3920	NT-212/1
<input type="checkbox"/>	3115 - Horn Antenna 1 - 18 GHz (immunity)	NT-125	<input type="checkbox"/>	Mixer M28HW 26,5 GHz - 40 GHz	NT-214
<input type="checkbox"/>	3116 - Horn Antenna 18 - 40 GHz	NT-126	<input type="checkbox"/>	RubiSource T&M Timing reference	NT-216
<input type="checkbox"/>	SAS-200/543 - Bicon. Antenna 20 MHz - 300 MHz	NT-127	<input type="checkbox"/>	Radiocommunication analyzer SWR 1180 MD	NT-217
<input type="checkbox"/>	AT-1080 - Log. Per. Antenna 80 - 1000 MHz	NT-128	<input type="checkbox"/>	Mixer M19HWD 40 GHz – 60 GHz	NT-218
<input type="checkbox"/>	HK-116 - bicon. Antenna 20 MHz - 300 MHz	NT-129	<input type="checkbox"/>	Mixer M12HWD 60 GHz – 90 GHz	NT-219
<input type="checkbox"/>	HK-116 - bicon. Antenna 20 MHz - 300 MHz	NT-130	<input type="checkbox"/>	DSO9104 Digital scope	NT-220/1
<input type="checkbox"/>	3146 - Log. Per. Antenna 200 – 1000 MHz	NT-131	<input type="checkbox"/>	TPS 2014 Digital scope	NT-222
<input type="checkbox"/>	VULB 9163 Trilog Antenna 30 – 3000 MHz	NT-131/1	<input type="checkbox"/>	Artificial Ear according to IEC 60318	NT-224
<input type="checkbox"/>	Loop Antenna H-Field	NT-132	<input type="checkbox"/>	1 kHz Sound calibrator	NT-225
<input type="checkbox"/>	Horn Antenna 500 MHz - 2900 MHz	NT-133	<input type="checkbox"/>	B10 - Harmonics and flicker analyzer	NT-232
<input type="checkbox"/>	Horn Antenna 500 MHz - 6000 MHz	NT-133/1	<input type="checkbox"/>	SRM-3006 Spectrum analyzer	NT-233/1a
<input type="checkbox"/>	Log. per. Antenna 800 MHz - 2500 MHz	NT-134	<input type="checkbox"/>	E-field probe SRM 75 MHz – 3 GHz	NT-234
<input type="checkbox"/>	Log. per. Antenna 800 MHz - 2500 MHz	NT-135	<input type="checkbox"/>	Field Meter NBM-500 incl. E- and H-Field probes	NT-240a-e
<input type="checkbox"/>	BiConiLog Antenna 26 MHz – 2000 MHz	NT-137	<input type="checkbox"/>	Hall-Teslameter ETM-1	NT-241
<input type="checkbox"/>	Conical Dipol Antenna PCD8250	NT-138	<input type="checkbox"/>	EFA-3 H-field- / E-field probe	NT-243
<input type="checkbox"/>	HF 906 - Horn Antenna 1 - 18 GHz (emission)	NT-139	<input type="checkbox"/>	EHP-50F H-field- / E-field probe	NT-243/1
<input type="checkbox"/>	HZ-1 Antenna tripod	NT-150	<input type="checkbox"/>	Field Meter EMR-200 100 kHz – 3 GHz	NT-244
<input type="checkbox"/>	BN 1500 Antenna tripod	NT-151	<input type="checkbox"/>	E-field probe 100 kHz – 3 GHz	NT-245
<input type="checkbox"/>	Ant. tripod for EN61000-4-3 Model TP1000A	NT-156	<input type="checkbox"/>	H-field probe 300 kHz – 30 MHz	NT-246

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Appendix 1 (continued)

Test equipment used

<input type="checkbox"/>	E-field probe 3 MHz – 18 GHz	NT-247	<input type="checkbox"/>	500W1000M7 - RF-Amplifier 80 - 1000 MHz / 500 W	NT-332
<input type="checkbox"/>	H-field probe 27 MHz – 1 GHz	NT-248	<input type="checkbox"/>	AS0102-65R - RF-Amplifier 1 GHz - 2 GHz	NT-333
<input type="checkbox"/>	ELT-400 1 Hz – 400 kHz	NT-249	<input type="checkbox"/>	APA01 – RF-Amplifier 0,5 GHz – 2,5 GHz	NT-334
<input type="checkbox"/>	MDS 21 - Absorbing clamp 30 - 1000 MHz	NT-250	<input type="checkbox"/>	Preamplifier 1 GHz - 4 GHz	NT-335
<input type="checkbox"/>	FCC-203I EM Injection clamp	NT-251	<input type="checkbox"/>	Preamplifier for GPS MKU 152 A	NT-336
<input type="checkbox"/>	FCC-203I-DCN Ferrite decoupling network	NT-252	<input type="checkbox"/>	Preamplifier 1 GHz – 18 GHz	NT-337/1
<input type="checkbox"/>	PR50 Current Probe	NT-253	<input type="checkbox"/>	DC Block 10 MHz – 18 GHz Model 8048	NT-338
<input type="checkbox"/>	i310s Current Probe	NT-254/1	<input type="checkbox"/>	2-97201 Electronic load	NT-341
<input type="checkbox"/>	Fluke 87 V True RMS Multimeter	NT-260	<input type="checkbox"/>	TSX3510P - Power supply 0-30 V / 0 - 10 A	NT-344
<input type="checkbox"/>	Model 2000 Digital Multimeter	NT-261	<input type="checkbox"/>	TSX3510P - Power supply 0-30 V / 0 - 10 A	NT-345
<input type="checkbox"/>	Fluke 87 V Digital Multimeter	NT-262/1	<input type="checkbox"/>	VDS 200 Mobil-impuls-generator	NT-350
<input type="checkbox"/>	ESH2-Z5-U1 Artificial mains network 4x25A	NT-300	<input type="checkbox"/>	LD 200 Mobil-impuls-generator	NT-351
<input type="checkbox"/>	ESH3-Z5-U1 Artificial mains network 2x10A	NT-301	<input type="checkbox"/>	MPG 200 Mobil-Impuls-Generators	NT-352
<input type="checkbox"/>	ESH3-Z6-U1 Artificial mains network 1x100A	NT-302	<input type="checkbox"/>	EFT 200 Mobil-impuls-generator	NT-353
<input type="checkbox"/>	ESH3-Z6-U1 Artificial mains network 1x100A	NT-302a	<input type="checkbox"/>	AN 200 S1 Artificial Network	NT-354
<input type="checkbox"/>	PHE 4500/B Power amplifier	NT-304	<input type="checkbox"/>	FP-EFT 32M 3 ph. Coupling filter (Burst)	NT-400/1
<input type="checkbox"/>	EZ10 T-Artificial Network	NT-305	<input type="checkbox"/>	PHE 4500 - Mains impedance network	NT-401
<input type="checkbox"/>	SMG - Signal generator 0,1 - 1000 MHz	NT-310	<input type="checkbox"/>	IP 6.2 Coupling filter for data lines (Surge)	NT-403
<input type="checkbox"/>	SMA100A - Signal generator 9 kHz - 6 GHz	NT-310/1	<input type="checkbox"/>	TK 9421 High Power Volt. Probe 150 kHz - 30 MHz	NT-409
<input type="checkbox"/>	RefRad Reference generator	NT-312	<input type="checkbox"/>	ESH2-Z3 - Probe 9 kHz - 30 MHz	NT-410
<input type="checkbox"/>	SMP 02 Signal generator 10 MHz - 20 GHz	NT-313	<input type="checkbox"/>	IP 4 - Capacitive clamp (Burst)	NT-411
<input type="checkbox"/>	40 MHz Arbitrary Generator TGA1241	NT-315	<input type="checkbox"/>	Highpass-Filter 100 MHz – 3 GHz	NT-412
<input type="checkbox"/>	Artificial mains network NSLK 8127-PLC	NT-316	<input type="checkbox"/>	Highpass-Filter 600 MHz – 4 GHz	NT-413
<input type="checkbox"/>	PSURGE 4.1 Surge generator	NT-324	<input type="checkbox"/>	Highpass-Filter 1250 MHz – 4 GHz	NT-414
<input type="checkbox"/>	IMU4000 Immunity test system	NT-325/1	<input type="checkbox"/>	Highpass-Filter 1800 MHz – 16 GHz	NT-415
<input type="checkbox"/>	VCS 500-M6 Surge-Generator	NT-326			
<input type="checkbox"/>	Oscillatory Wave Simulator incl. Coupling networks	NT-328a+b+c			
<input type="checkbox"/>	BTA-250 - RF-Amplifier 9 kHz - 220 MHz / 250 W	NT-330			
<input type="checkbox"/>	T82-50 RF-Amplifier 2 GHz – 8 GHz	NT-331			

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Appendix 1 (continued) Test equipment used

			Division: Industry & Energy
<input type="checkbox"/>	Highpass-Filter 3500 MHz – 18 GHz	NT-416	NT-461
<input type="checkbox"/>	RF-Attenuator 10 dB DC – 18 GHz / 50 W	NT-417/1	NT-462
<input type="checkbox"/>	RF-Attenuator 6 dB DC – 18 GHz / 50 W	NT-418	NT-463
<input type="checkbox"/>	RF-Attenuator 3 dB DC – 18 GHz / 50 W	NT-419	NT-464
<input type="checkbox"/>	RF-Attenuator 20 dB DC - 1000 MHz / 25 W	NT-421	NT-465/1
<input type="checkbox"/>	RF-Attenuator 30 dB DC - 1000 MHz / 1 W	NT-423	NT-468
<input type="checkbox"/>	RF-Attenuator 30 dB	NT-424	NT-471
<input type="checkbox"/>	RF-Attenuator 6 dB DC - 1000 MHz / 1 W	NT-425	NT-480
<input type="checkbox"/>	RF-Attenuator 6 dB DC - 1000 MHz / 1 W	NT-426	NT-481 - NT-483
<input type="checkbox"/>	RF-Attenuator 6 dB	NT-428	NT-484
<input type="checkbox"/>	RF-Attenuator 0 dB - 81 dB	NT-429	NT-511/1
<input type="checkbox"/>	WRU 27 - Band blocking 27 MHz	NT-430	NT-520
<input type="checkbox"/>	WHJ450C9 AA - High pass 450 MHz	NT-431	NT-520/1
<input type="checkbox"/>	WHJ250C9 AA - High pass 250 MHz	NT-432	NT-522
<input type="checkbox"/>	RF-Load 150 W	NT-433	NT-522/1
<input type="checkbox"/>	Impedance transducer 1:4 ; 1:9 ; 1:16	NT-435	NT-525
<input type="checkbox"/>	RF-Attenuator DC – 18 GHz 6 dB	NT-436	NT-530
<input type="checkbox"/>	RF-Attenuator DC – 18 GHz 6 dB	NT-437	NT-531
<input type="checkbox"/>	RF-Attenuator DC – 18 GHz 10 dB	NT-438	NT-553
<input type="checkbox"/>	RF-Attenuator DC – 18 GHz 20 dB	NT-439	NT-554
<input type="checkbox"/>	I+P 7780 Directional coupler 100 - 2000 MHz	NT-440	NT-555 + NT-556
<input type="checkbox"/>	ESH3-Z2 - Pulse limiter 9 kHz - 30 MHz	NT-441	NT-559
<input type="checkbox"/>	Power Divider 6 dB/1 W/50 Ohm	NT-443	NT-580
<input type="checkbox"/>	Directional coupler 0,1 MHz – 70 MHz	NT-444	NT-581
<input type="checkbox"/>	Directional coupler 0,1 MHz – 70 MHz	NT-445	NT-584
<input type="checkbox"/>	Tube imitations according to EN 55015	NT-450	NT-592
<input type="checkbox"/>	FCC-801-M3-16A Coupling decoupling network	NT-458	NT-600
<input type="checkbox"/>	FCC-801-M2-50A Coupling decoupling network	NT-459	
<input type="checkbox"/>	FCC-801-M5-25 Coupling decoupling network	NT-460	M-1200
<input type="checkbox"/>	FCC-801-AF10 Coupling decoupling network		NT-461
<input type="checkbox"/>	FCC-801-S25 Coupling decoupling network		NT-462
<input type="checkbox"/>	FCC-801-T4 Coupling decoupling network		NT-463
<input type="checkbox"/>	FCC-801-C1 Coupling decoupling network		NT-464
<input type="checkbox"/>	SW 9605 - Current probe 150 kHz – 30 MHz		NT-465/1
<input type="checkbox"/>	95242-1 – Current probe 1 MHz – 400 MHz		NT-468
<input type="checkbox"/>	94106-1L-1 – Current probe 100 kHz – 450 MHz		NT-471
<input type="checkbox"/>	GA 1240 Power amplifier according to EN 61000-4-16		NT-480
<input type="checkbox"/>	Coupling networks according to EN 61000-4-16		NT-481 - NT-483
<input type="checkbox"/>	Van der Hoofden Test Head		NT-484
<input type="checkbox"/>	EMC Video/Audiosystem		NT-511/1
<input type="checkbox"/>	ES-K1 Version 1.71 SP2 Test software		NT-520
<input type="checkbox"/>	EMC32 Version 10.60.20 Test software		NT-520/1
<input type="checkbox"/>	SRM-TS Version 1.3 software for SRM-3000		NT-522
<input type="checkbox"/>	SRM-TS Version 1.3.1 software for SRM-3006		NT-522/1
<input type="checkbox"/>	Spitzenberger und Spies Test software V4.1		NT-525
<input type="checkbox"/>	Noise power test apparatus according to EN 55014		NT-530
<input type="checkbox"/>	Vertical coupling plane (ESD)		NT-531
<input type="checkbox"/>	Test cable #4 for EN 61000-4-6		NT-553
<input type="checkbox"/>	Test cable #3 for conducted emission		NT-554
<input type="checkbox"/>	Test cable #5+#6 ESD-cable (2x470k)		NT-555 + NT-556
<input type="checkbox"/>	Test cable #8 Sucoflex 104EA		NT-559
<input type="checkbox"/>	Test cable #9 (for outdoor measurements)		NT-580
<input type="checkbox"/>	Test cable #10 (for outdoor measurements)		NT-581
<input type="checkbox"/>	Test cable #13 Sucoflex 104PE		NT-584
<input type="checkbox"/>	Test cable #21 for SRM-3000		NT-592
<input type="checkbox"/>	Shield chamber		NT-600
<input type="checkbox"/>	Climatic chamber		M-1200

Appendix 1 (continued)

Test equipment used

<input type="checkbox"/>	Anechoic Chamber 3 m / 5 m measuring distance	EMV-100	<input type="checkbox"/>	Log.per Antenna 0,7 – 9 GHz STLP9149	EMV-305
<input type="checkbox"/>	Turntabel 6 m diameter	EMV-101	<input type="checkbox"/>	HF- Amplifier 9 kHz-250 MHz BBA150 (low noise)	EMV-306
<input type="checkbox"/>	Antenna mast + controller	EMV-102+ EMV-103	<input type="checkbox"/>	ISO11451-2 TLS 10 kHz – 30 MHz	EMV-307
<input type="checkbox"/>	EMC Video/Audiosystem	EMV-104	<input type="checkbox"/>	Load Dump Generator LD 200N	EMV-350
<input type="checkbox"/>	EMC Software EMC32 Version 10.60.20	EMV-105	<input type="checkbox"/>	Ultra Compact Symulator UCS 200N100	EMV-351
<input type="checkbox"/>	Hornantenna 1 – 18 GHz HF 907	EMV-110	<input type="checkbox"/>	Automotive Power fail module PFM 200N100.1	EMV-352
<input type="checkbox"/>	Antennapre.amp. 1 – 18 GHz ERZ-LNA0200-1800-30-2	EMV-111	<input type="checkbox"/>	Voltage Drop Symulator VDS 200Q100	EMV-353
<input type="checkbox"/>	Trilog Antenna 30-3000 MHz VULB9163	EMV-112	<input type="checkbox"/>	Arb. Generator AutoWave	EMV-354
<input type="checkbox"/>	Monopol 9 kHz – 30 MHz VAMP 9243	EMV-113	<input type="checkbox"/>	Ultra Compact Symulator UCS 500N7	EMV-355
<input type="checkbox"/>	Antennapre.amp 18 – 40 GHz BBV 9721	EMV-114	<input type="checkbox"/>	Coupling decoupling network CNI 503B7 / 32 A	EMV-356
<input type="checkbox"/>	Hornantenna 200 – 2000 MHz AH-220	EMV-115	<input type="checkbox"/>	Coupling decoupling network CNI 503B7 / 63 A	EMV-357
<input type="checkbox"/>	DC Artificial Network PVDC 8300	EMV-150	<input type="checkbox"/>	Telecom Surge Generator TSurge 7	EMV-358
<input type="checkbox"/>	AC Artificial Network NNLK 8121 RC	EMV-151	<input type="checkbox"/>	Coupling decoupling network CNI 508N2	EMV-359
<input type="checkbox"/>	EMI Receiver ESW44	EMV-200/1	<input type="checkbox"/>	Coupling decoupling network CNV 504N2.2	EMV-360
<input type="checkbox"/>	Signalgenerator 9 kHz – 40 GHz N5173B	EMV-201	<input type="checkbox"/>	Immunity generator NSG4060/NSG4060-1	EMV-361
<input type="checkbox"/>	GPS Frequency normal B-88	EMV-202	<input type="checkbox"/>	Coupling network CDND M316-2	EMV-362
<input type="checkbox"/>	DC Power supply N5745A	EMV-203	<input type="checkbox"/>	Coupling network CT419-5	EMV-363
<input type="checkbox"/>	Spektrum Analyzator FSV40	EMV-205	<input type="checkbox"/>	ESD Generator NSG 437	EMV-364
<input type="checkbox"/>	Thd Multimeter Model 2015	EMV-206	<input type="checkbox"/>	Pulse Limiter VTSD 9561-F BNC	EMV-405
<input type="checkbox"/>	Poweramplifier PAS15000	EMV- 207/abc	<input type="checkbox"/>	Transient emission BSM200N40+BS200N100	EMV- 450+451
<input type="checkbox"/>	Inrush Current Source	EMV- 208/abc	<input type="checkbox"/>	Cap. Coupling Clamp HFK	EMV-455
<input type="checkbox"/>	Arb.-generator Sycore	EMV-209	<input type="checkbox"/>	Mag. Field System MS100N+MC26100+MC2630	EMV- 456-458
<input type="checkbox"/>	Harmonics/Flicker analyzer ARS 16/3	EMV-210	<input type="checkbox"/>	Coupling network CDN M2-100A	EMV-459
<input type="checkbox"/>	HF- Amplifier 9 kHz-250 MHz BBA150	EMV-300	<input type="checkbox"/>	Coupling network CDN M3-32A	EMV-460
<input type="checkbox"/>	HF- Amplifier 80 -1000 MHz BBA150	EMV-301	<input type="checkbox"/>	Coupling network CDN M5-100A	EMV-461
<input type="checkbox"/>	HF- Amplifier 0,8 - 6 GHz BBA150	EMV-302	<input type="checkbox"/>	Current Clamp CIP 9136A	EMV-462
<input type="checkbox"/>	High Power Ant. 20-200 MHz HPBA-2510	EMV-303/1	<input type="checkbox"/>	DC Artificial Network HV-AN 150	EMV- 464+465
<input type="checkbox"/>	Log.per Antenna 80-2700 MHz STLP 9128 E special	EMV-304	<input type="checkbox"/>	Coupling Clamp EM 101	EMV-466
			<input type="checkbox"/>	Decoupling Clamp FTC 101	EMV-467
			<input type="checkbox"/>	Power attenuator 10 dB / 250 Watt	EMV-469/2

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Appendix 2 Photodocumentation

Description: Front view

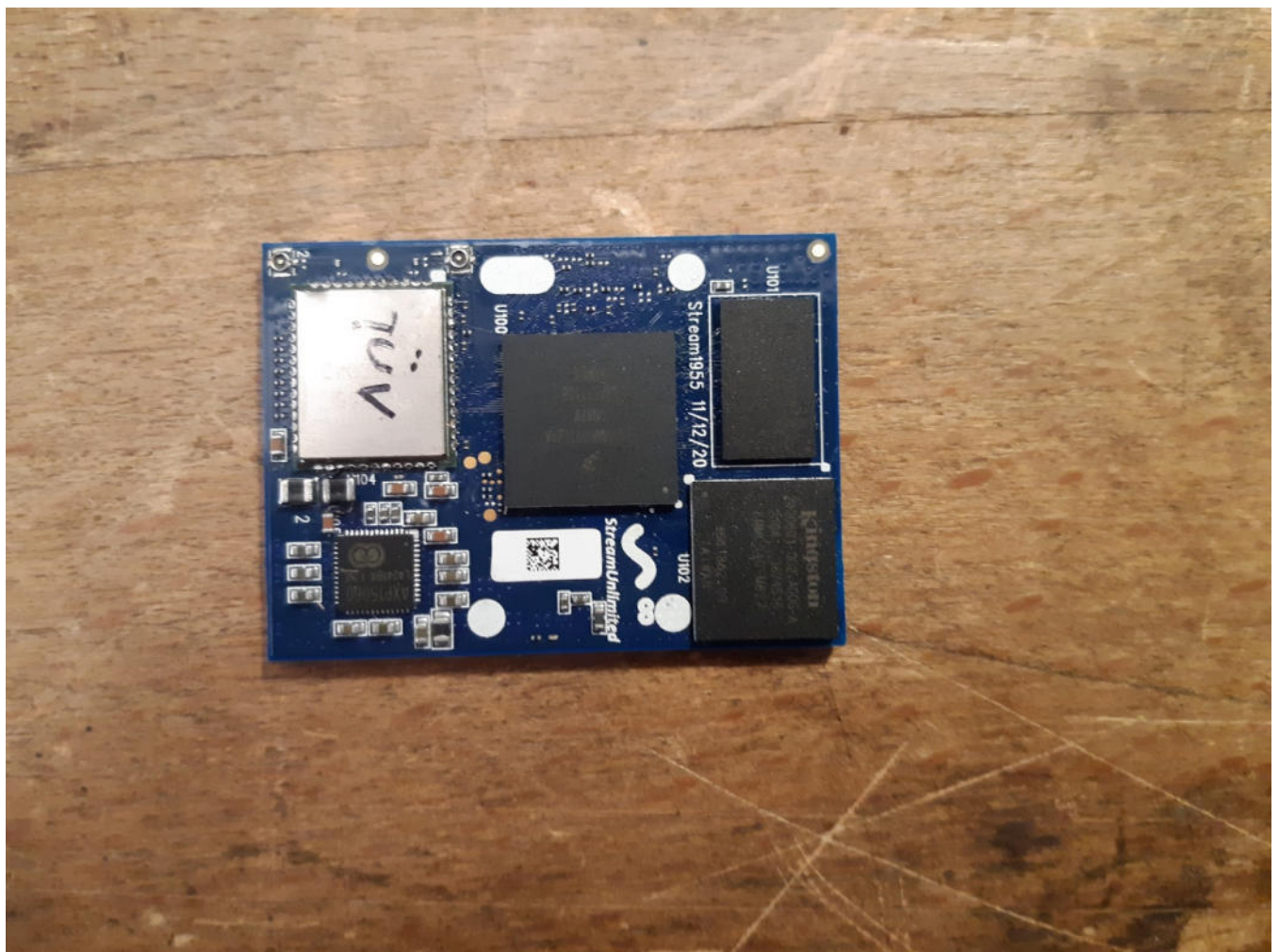
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Appendix 2 Photodocumentation

Description: Backside view

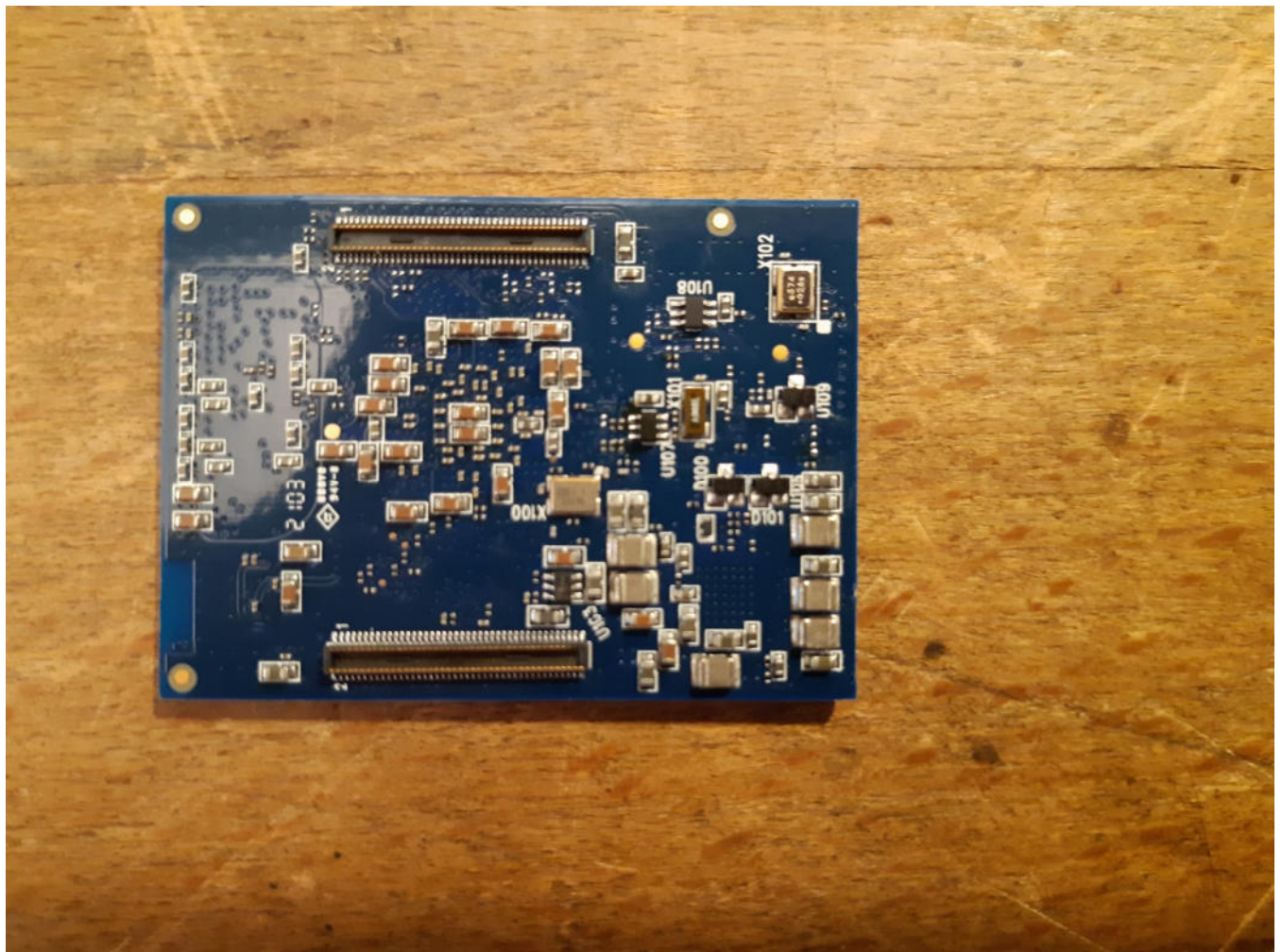
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Appendix 2 Photodocumentation

Description: Evaluation Board front view

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Appendix 2 Photodocumentation

Description: Evaluation Board back view

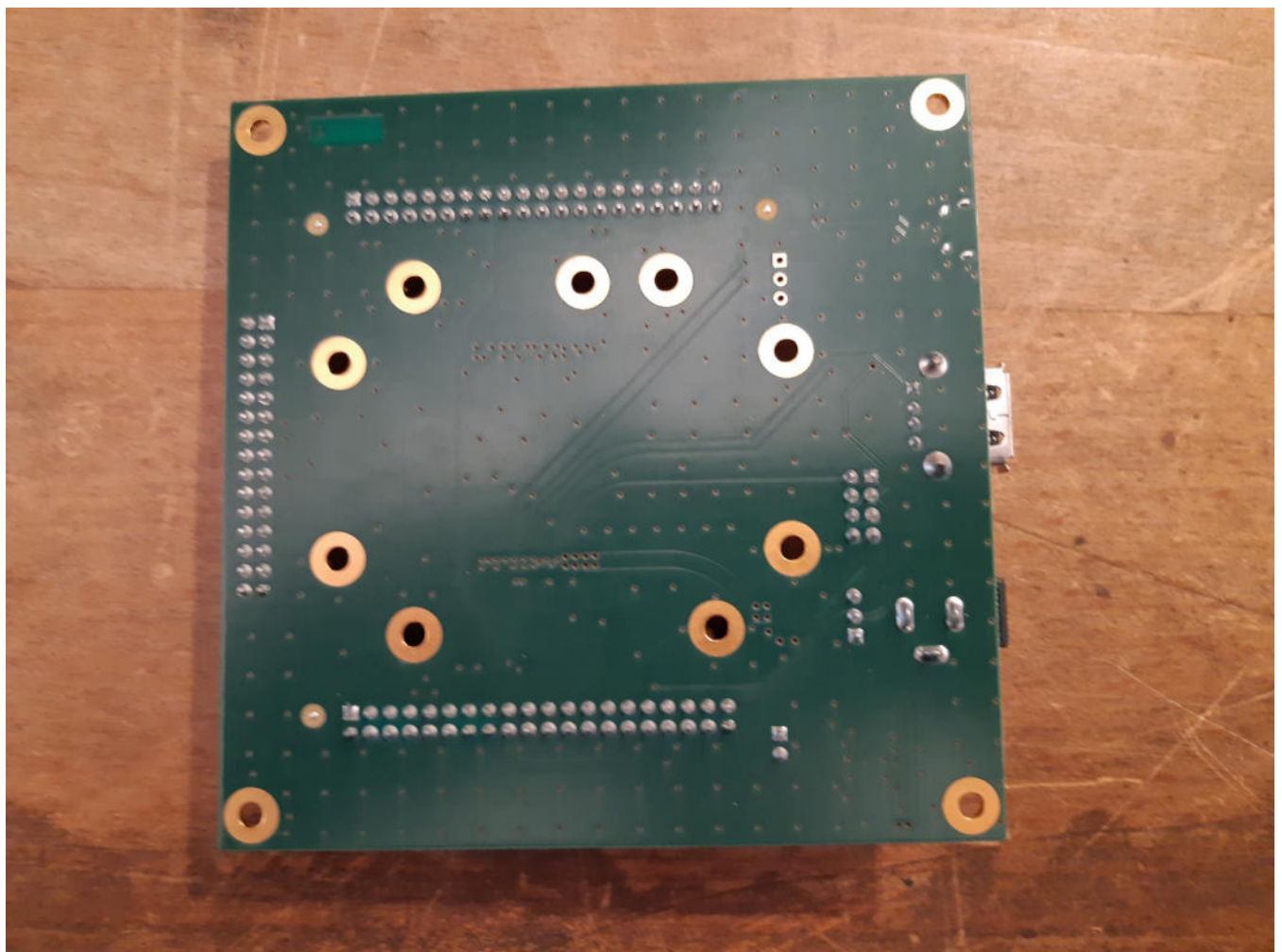
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Appendix 2 Photodocumentation

Description: Test setup absorber chamber #1

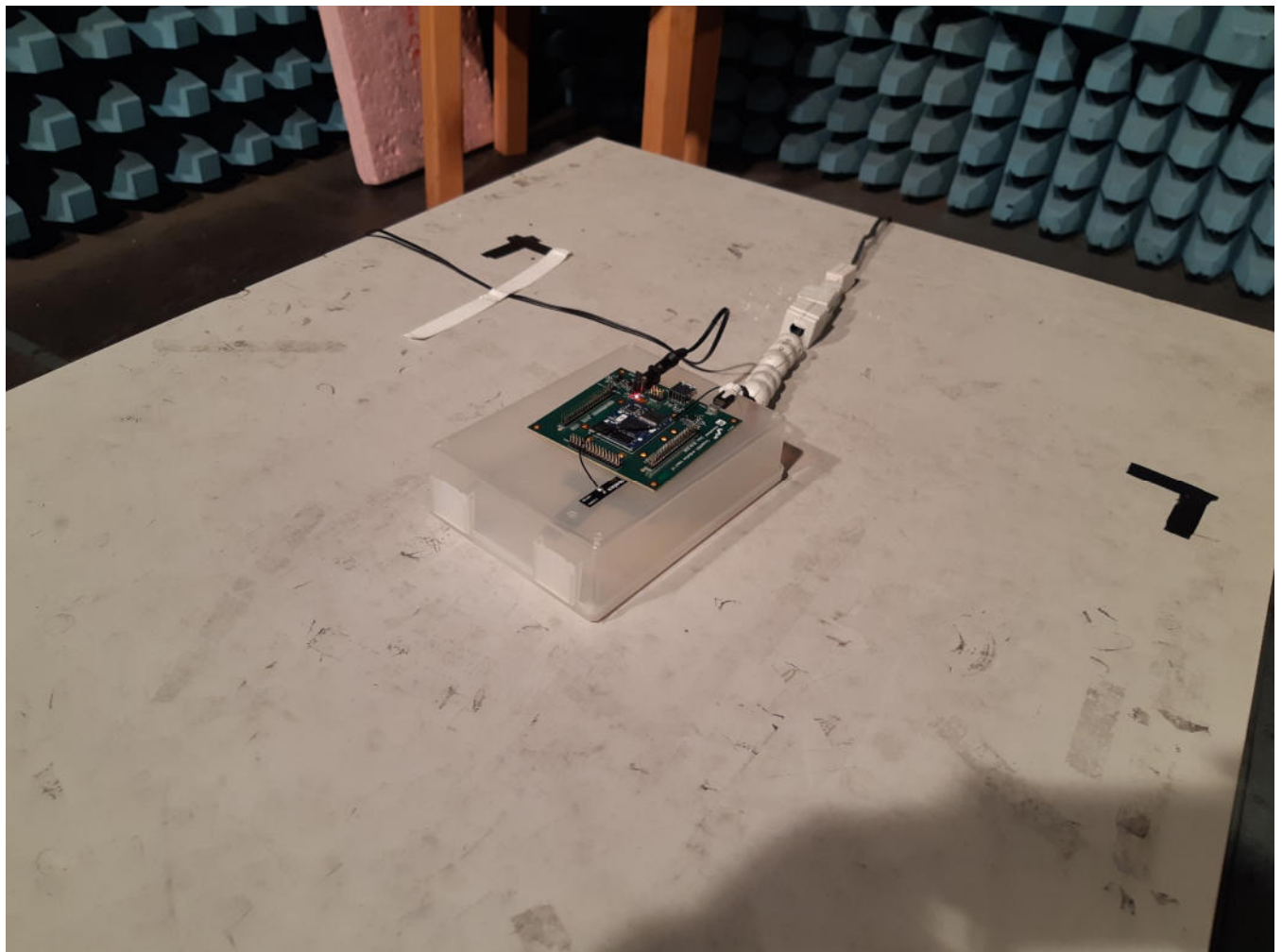
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Appendix 2 Photodocumentation

Description: Test setup absorber chamber #2

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