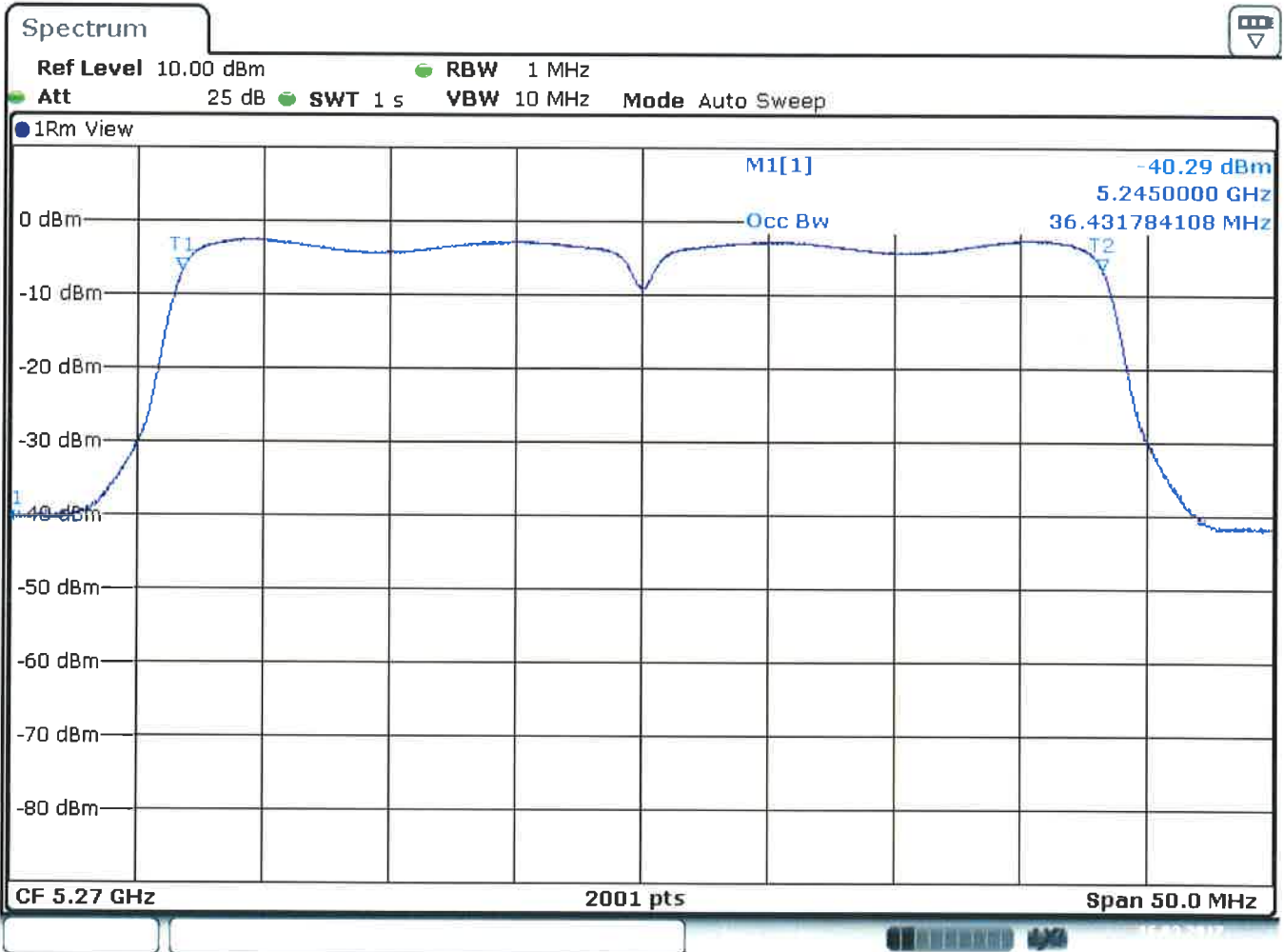


**99% Bandwidth**

**§ 6.2.2 (1)**

Conducted Measurement

Rated output power: 15,49 mW Channel 52-56 (5270 MHz center frequency)



Date: 16.MAR.2017 14:48:14

99% Bandwidth: 36,432 MHz

**LIMIT SUBCLAUSE 15.407 – 6.2.1 (2)**

Frequency ranges: 5150 – 5250; 5250 – 5350; 5470 – 5650; 5725 – 5850 MHz	99% Bandwidth fully inside permitted frequency ranges
---	---

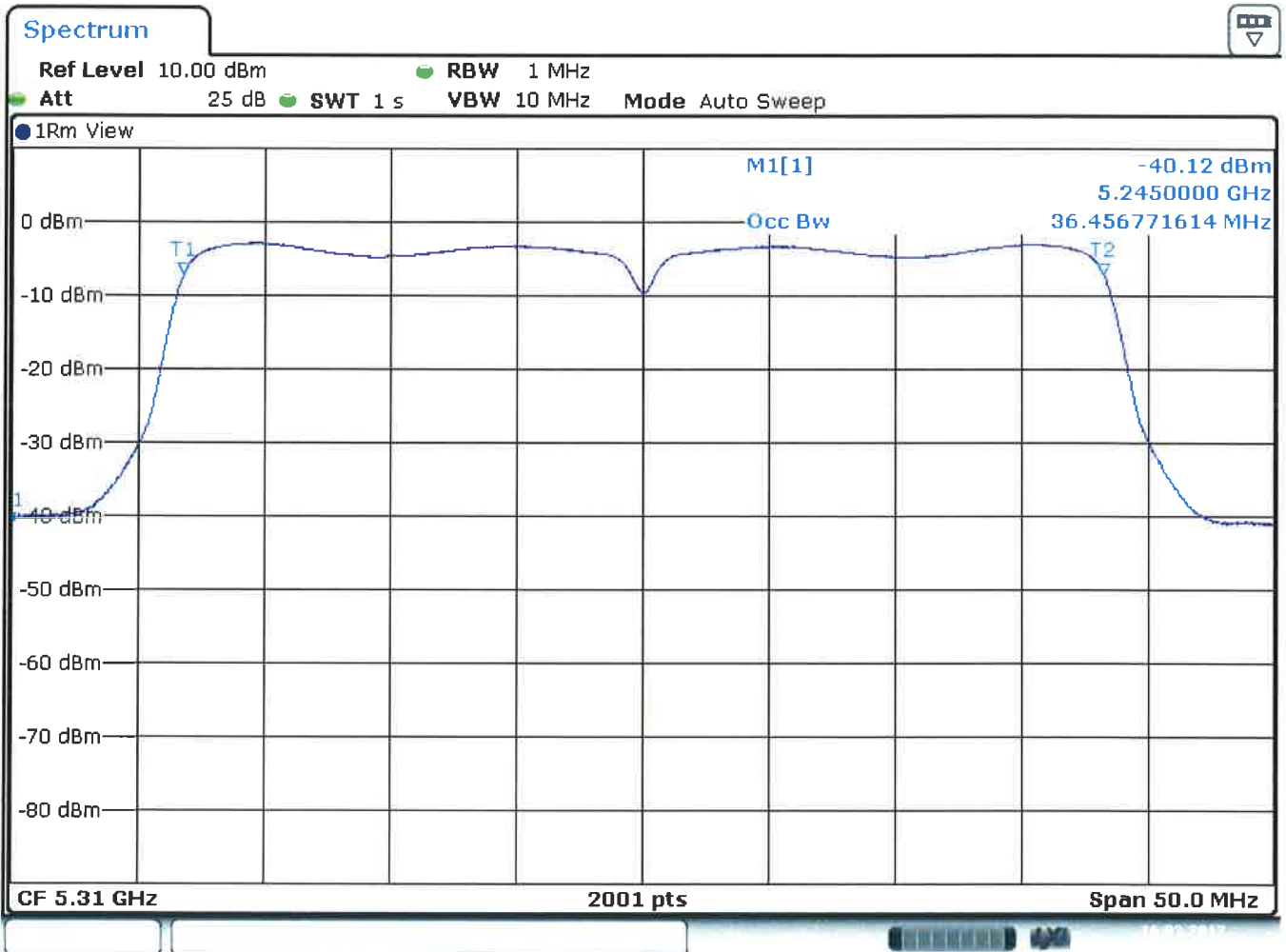
Test Equipment used: EMV-205

**99% Bandwidth**

§ 6.2.2 (1)

Conducted Measurement

Rated output power: 15,49 mW Channel 60-64 (5310 MHz center frequency)



Date: 16.MAR.2017 15:49:22

99% Bandwidth: 36,457 MHz

**LIMIT SUBCLAUSE 15.407 – 6.2.1 (2)**

Frequency ranges: 5150 – 5250; 5250 – 5350; 5470 – 5650; 5725 – 5850 MHz	99% Bandwidth fully inside permitted frequency ranges
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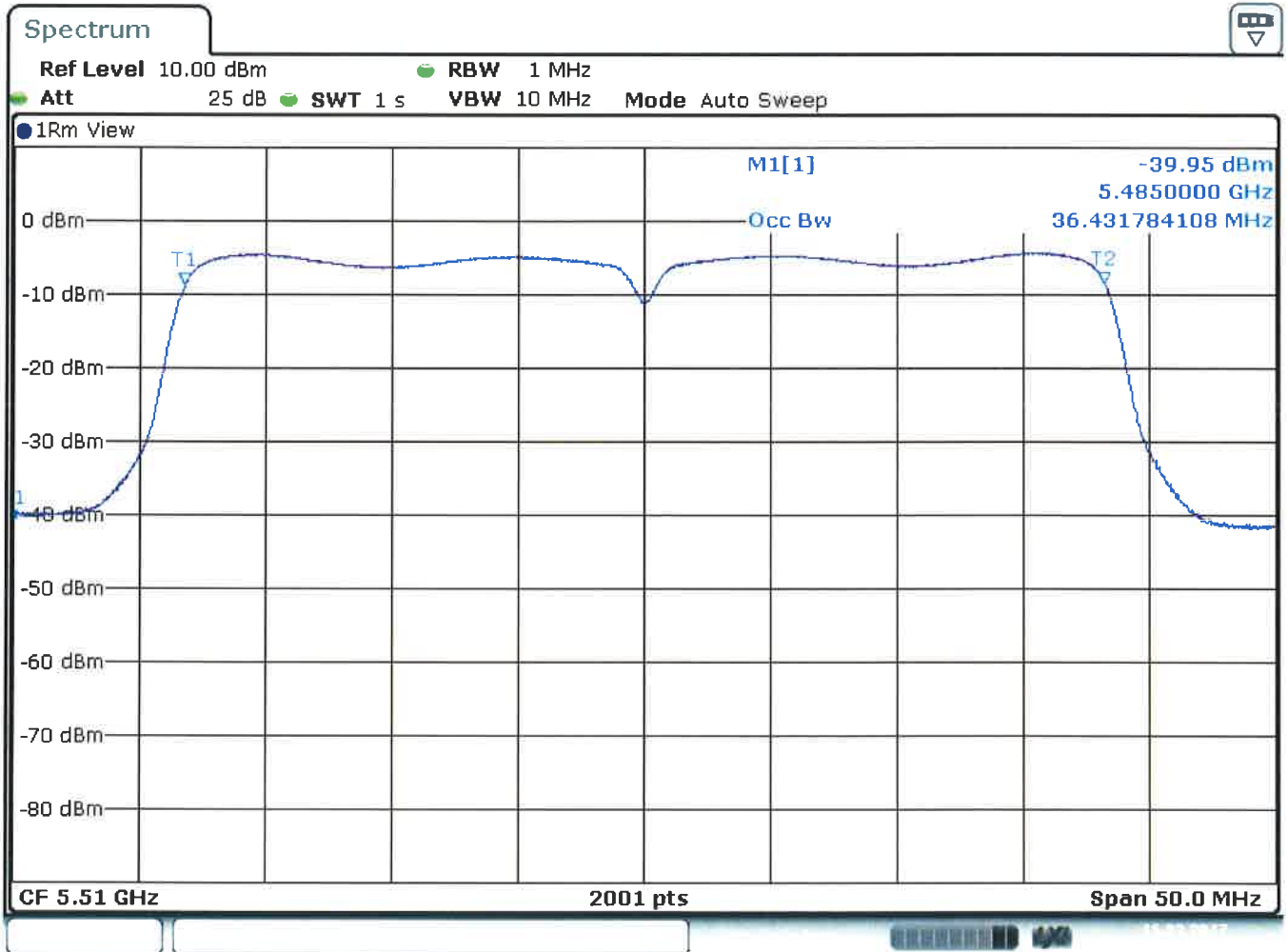
Test Equipment used: EMV-205

**99% Bandwidth**

§ 6.2.3 (1)

Conducted Measurement

Rated output power: 15,49 mW Channel 100-104 (5510 MHz center frequency)



Date: 16.MAR.2017 15:50:20

99% Bandwidth: 36,432 MHz

**LIMIT SUBCLAUSE 15.407 – 6.2.1 (2)**

Frequency ranges: 5150 – 5250; 5250 – 5350; 5470 – 5650; 5725 – 5850 MHz	99% Bandwidth fully inside permitted frequency ranges
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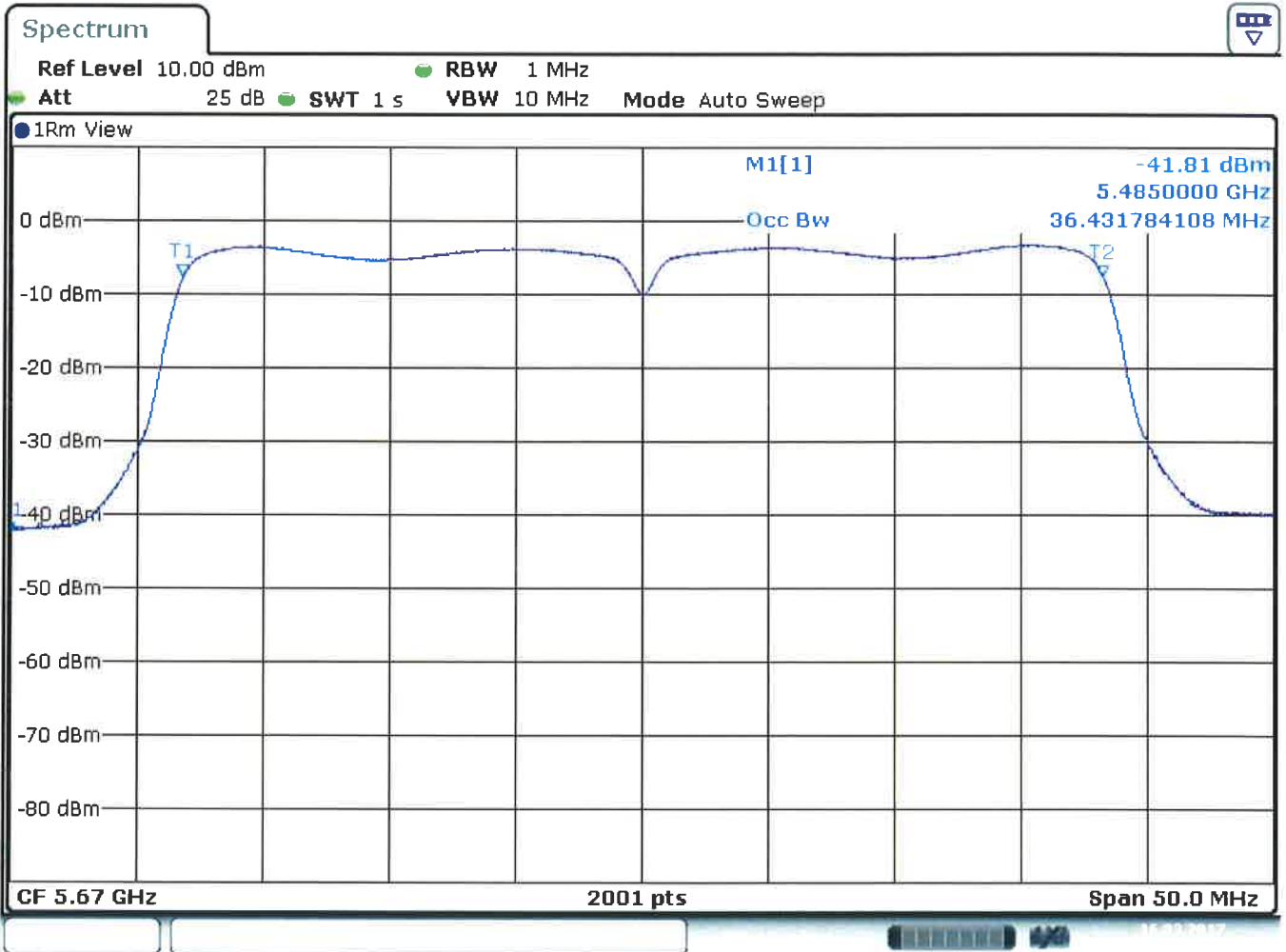
Test Equipment used: EMV-205

**99% Bandwidth**

**§ 6.2.3 (1)**

Conducted Measurement

Rated output power: 15,49 mW Channel 132-136 (5670 MHz center frequency)



Date: 16.MAR.2017 15:54:29

99% Bandwidth: 36,432 MHz

**LIMIT SUBCLAUSE 15.407 – 6.2.1 (2)**

Frequency ranges: 5150 – 5250; 5250 – 5350; 5470 – 5650; 5725 – 5850 MHz	99% Bandwidth fully inside permitted frequency ranges
---	---

Test Equipment used: EMV-205

**Maximum Conducted Output Power**

**§ 15.407(a)(1)(iv)  
6.2.1 (1)**

Conducted Measurement

Rated output power: 15,49 mW

Test conditions		Transmitter power (mW)	
		Channel center frequency (MHz)	
T <sub>nom</sub> ( 23 )°C	OFDM – 20 MHz	14,45 (5180)	15,14 (5240)
	OFDM – 40 MHz	15,14 (5190)	15,49 (5230)
Measurement uncertainty		± 0,75 dB	

**LIMIT SUBCLAUSE 15.407(a)(1)(iv)**

For mobile and portable client devices in the 5.15-5.25 GHz band	250 mW provided the maximum antenna gain does not exceed 6 dBi
--	--

**LIMIT SUBCLAUSE 6.2.1 (1)**

The maximum e.i.r.p. shall not exceed 200 mW or  $10 + 10 \log_{10}B$ , dBm, whichever power is less. B is the 99 % emission bandwidth in MHz.

Test Equipment used: NT-204; NT-229; NT233/1a

**Maximum Conducted Output Power**

**§ 15.407(a)(2)  
6.2.2 (1)**

Conducted Measurement

Rated output power: 15,49 mW

Test conditions		Transmitter power (mW)	
		Channel center frequency (MHz)	
T <sub>nom</sub> ( 23 )°C	OFDM – 20 MHz	14,79 (5260)	12,88 (5320)
	OFDM – 40 MHz	15,14 (5270)	13,49 (5310)
Measurement uncertainty		± 0,75 dB	

**LIMIT SUBCLAUSE 15.407(a)(2)**

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands	the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz
--	---

**LIMIT SUBCLAUSE 6.2.2 (1)**

The maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log<sub>10</sub>B, dBm, whichever power is less. B is the 99 % emission bandwidth in MHz.

Test Equipment used: NT-204; NT-229; NT233/1a

**Maximum Conducted Output Power**

**§ 15.407(a)(2)  
6.2.3 (1)**

Conducted Measurement

Rated output power: 15,49 mW

Test conditions		Transmitter power (mW)	
		Channel center frequency (MHz)	
T <sub>nom</sub> ( 23 )°C	OFDM – 20 MHz	9,33 (5500)	12,02 (5700)
	OFDM – 40 MHz	9,55 (5510)	12,30 (5670)
Measurement uncertainty		± 0,75 dB	

**LIMIT SUBCLAUSE 15.407(a)(2)**

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands	the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz
--	---

**LIMIT SUBCLAUSE 6.2.3 (1)**

The maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log<sub>10</sub>B, dBm, whichever power is less. B is the 99 % emission bandwidth in MHz.

Test Equipment used: NT-204; NT-229; NT233/1a

**Maximum Conducted Output Power**

**§ 15.407(a)(3)  
6.2.4 (1)**

Conducted Measurement

Rated output power: 15,49 mW

Test conditions		Transmitter power (mW)	
		Channel center frequency (MHz)	
T <sub>nom</sub> ( 23 )°C	OFDM – 20 MHz	14,13 (5745)	12,88 (5825)
	OFDM – 40 MHz	14,45 (5755)	14,13 (5795)
Measurement uncertainty		± 0,75 dB	

**LIMIT SUBCLAUSE 15.407(a)(3)**

For the band 5.725-5.85 GHz	1 W provided the maximum antenna gain does not exceed 6 dBi
-----------------------------	---

**LIMIT SUBCLAUSE 6.2.4 (1)**

The maximum conducted output power shall not exceed 1 W.

Test Equipment used: NT-204; NT-229; NT233/1a



**Maximum Power spectral density (conducted)**

§ 15.407(a)(1)(iv)  
6.2.1 (1)

Conducted Measurement

Rated output power: 15,49 mW Channel 36 (5180 MHz center frequency)



Date: 16.MAR.2017 14:15:59

Power Spectral density: 0,50dBm @ 5182,649 MHz

**LIMIT SUBCLAUSE 15.407(a)(1)(iv) – 6.2.1 (1)**

For mobile and portable client devices in the 5.15-5.25 GHz band	the maximum power spectral density shall not exceed 11 dBm (RSS-247: 10dBm) in any 1 megahertz band
--	---

Test Equipment used: EMV-205

**Maximum Power spectral density (conducted)**

§ 15.407(a)(1)(iv)  
6.2.1 (1)

Conducted Measurement

Rated output power: 15,49 mW Channel 48 (5240 MHz center frequency)



Date: 16.MAR.2017 14:20:23

Power Spectral density: 0,65 dBm @ 5242,724 MHz

**LIMIT SUBCLAUSE 15.407(a)(1)(iv) – 6.2.1 (1)**

For mobile and portable client devices in the 5.15-5.25 GHz band	the maximum power spectral density shall not exceed 11 dBm (RSS-247: 10dBm) in any 1 megahertz band
--	---

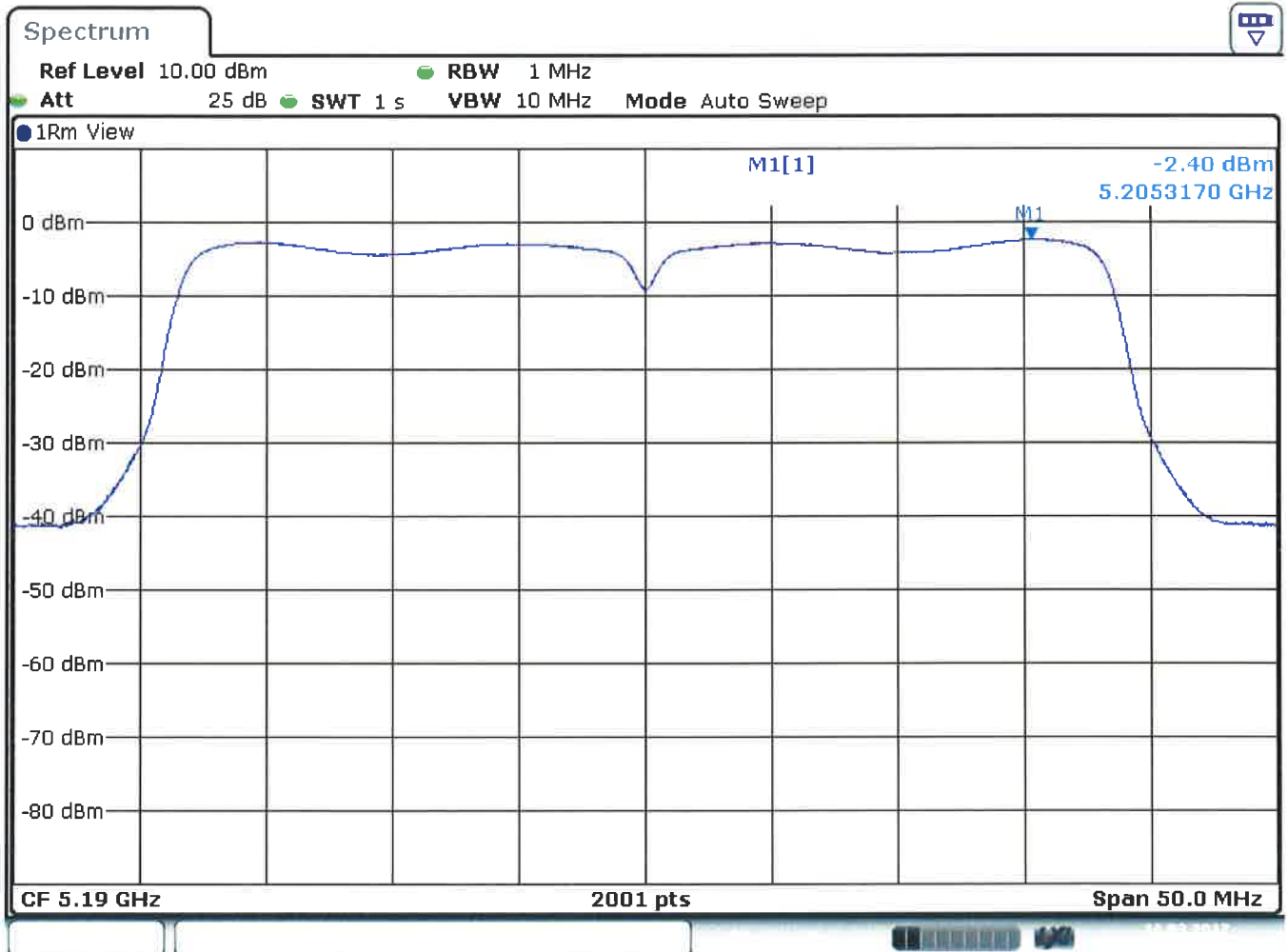
Test Equipment used: EMV-205

**Maximum Power spectral density (conducted)**

**§ 15.407(a)(1)(iv)  
6.2.1 (1)**

Conducted Measurement

Rated output power: 15,49 mW Channel 36-40 (5190 MHz center frequency)



Date: 16.MAR.2017 14:41:57

Power Spectral density: -2,40 dBm @ 5205,317 MHz

**LIMIT SUBCLAUSE 15.407(a)(1)(iv) – 6.2.1 (1)**

For mobile and portable client devices in the 5.15-5.25 GHz band	the maximum power spectral density shall not exceed 11 dBm (RSS-247: 10dBm) in any 1 megahertz band
--	---

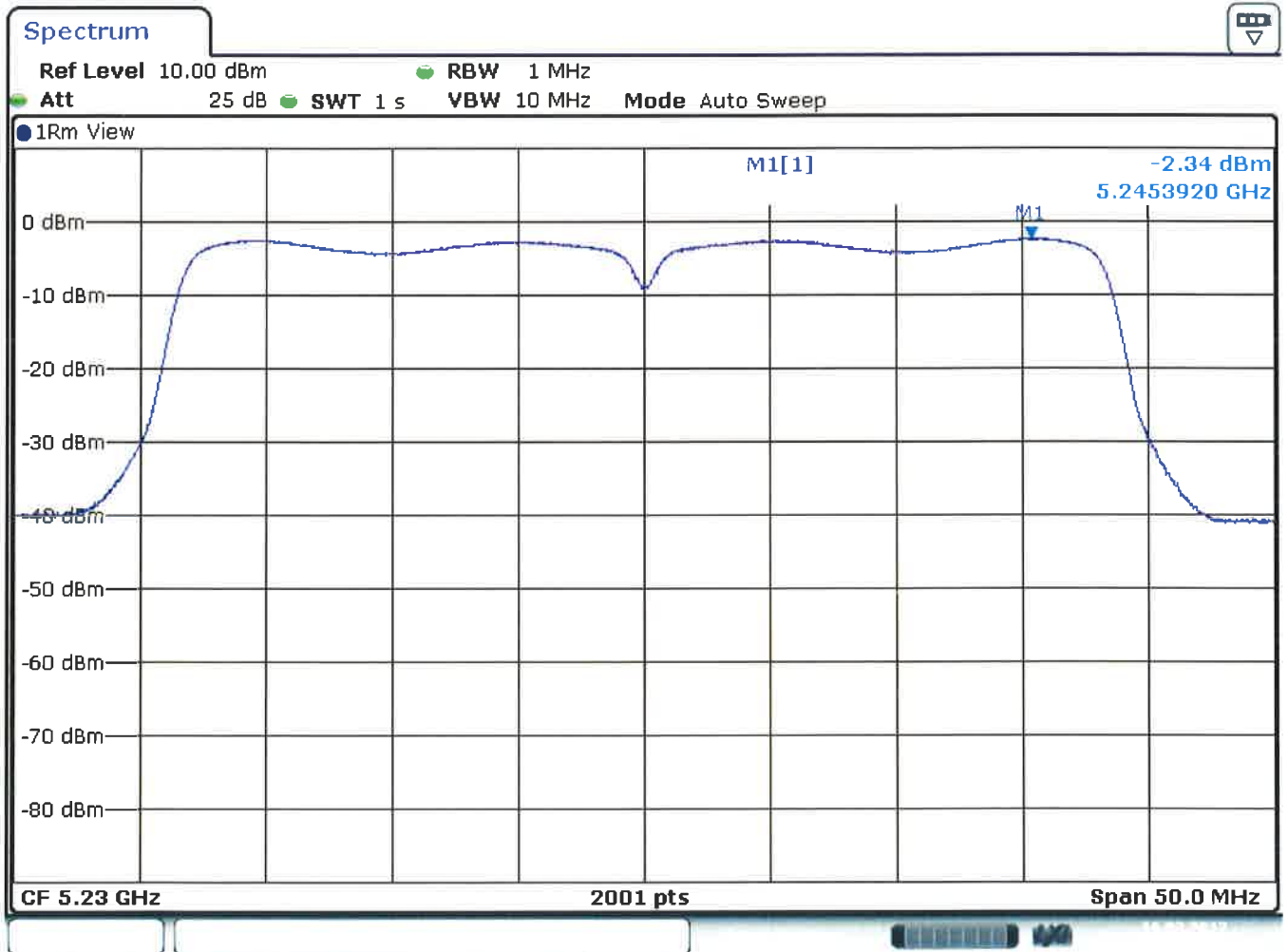
Test Equipment used: EMV-205

**Maximum Power spectral density (conducted)**

§ 15.407(a)(1)(iv)  
6.2.1 (1)

Conducted Measurement

Rated output power: 15,49 mW Channel 44-48 (5230 MHz center frequency)



Date: 16.MAR.2017 14:46:33

Power Spectral density: -2,34 dBm @ 5245,392 MHz

**LIMIT SUBCLAUSE 15.407(a)(1)(iv) – 6.2.1 (1)**

For mobile and portable client devices in the 5.15-5.25 GHz band	the maximum power spectral density shall not exceed 11 dBm (RSS-247: 10dBm) in any 1 megahertz band
--	---

Test Equipment used: EMV-205

**Maximum Power spectral density (conducted)**

**§ 15.407(a)(2)  
6.2.2 (1)**

Conducted Measurement

Rated output power: 15,49 mW Channel 52 (5260 MHz center frequency)



Date: 16.MAR.2017 14:25:54

Power Spectral density: 0,55 dBm @ 5262,624 MHz

**LIMIT SUBCLAUSE 15.407(a)(2) – 6.2.2 (1)**

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands	the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band
--	--

Test Equipment used: EMV-205

**Maximum Power spectral density (conducted)**

**§ 15.407(a)(2)  
6.2.2 (1)**

Conducted Measurement

Rated output power: 15,49 mW Channel 64 (5320 MHz center frequency)



Date: 16.MAR.2017 14:30:28

Power Spectral density: -0,09 dBm @ 5322,574 MHz

**LIMIT SUBCLAUSE 15.407(a)(2) – 6.2.2 (1)**

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands	the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band
--	--

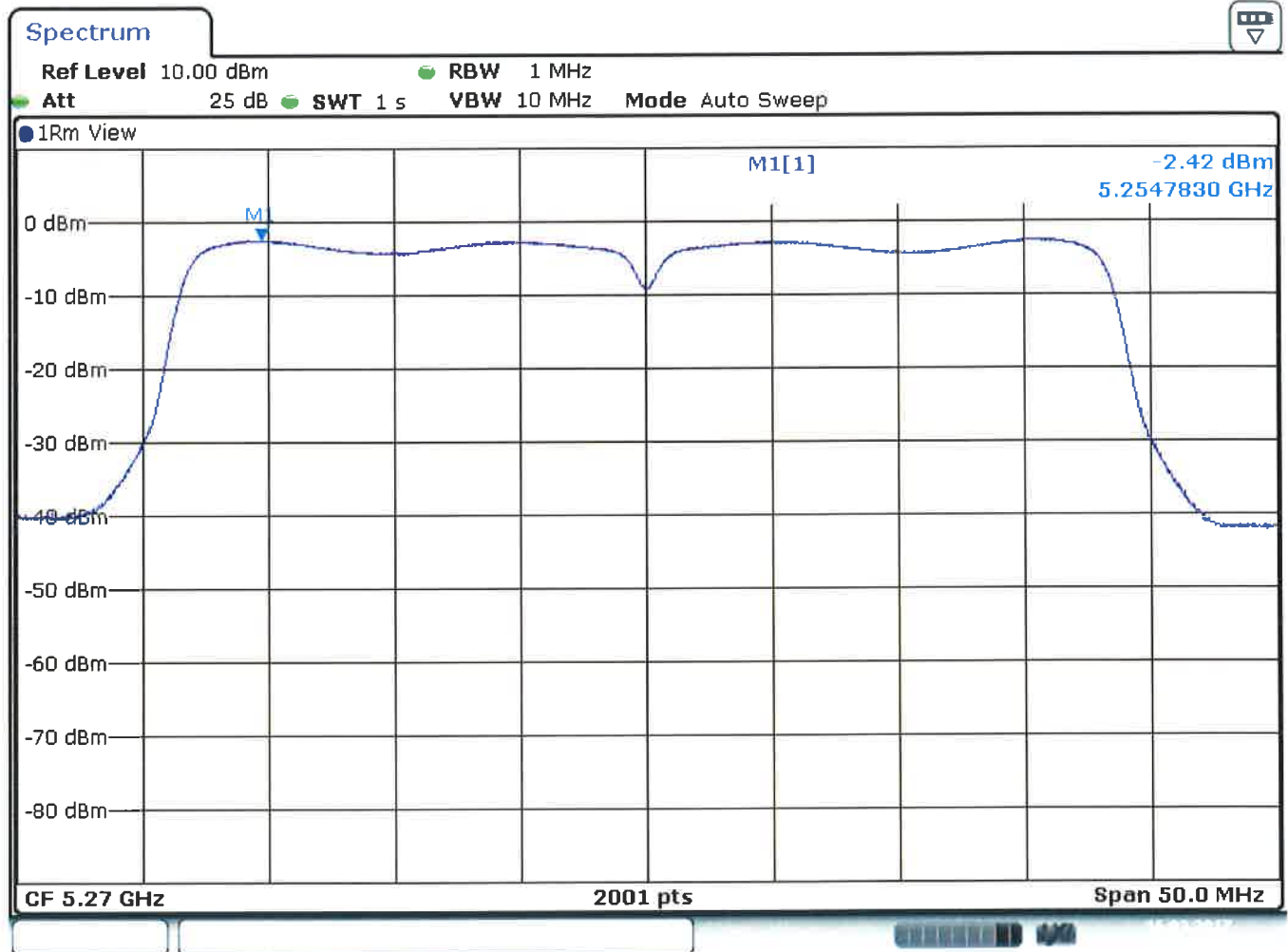
Test Equipment used: EMV-205

**Maximum Power spectral density (conducted)**

**§ 15.407(a)(2)  
6.2.2 (1)**

Conducted Measurement

Rated output power: 15,49 mW Channel 52-56 (5270 MHz center frequency)



Date: 16.MAR.2017 14:49:35

Power Spectral density: -2,42 dBm @ 5254,783 MHz

**LIMIT SUBCLAUSE 15.407(a)(2) – 6.2.2 (1)**

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands	the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band
--	--

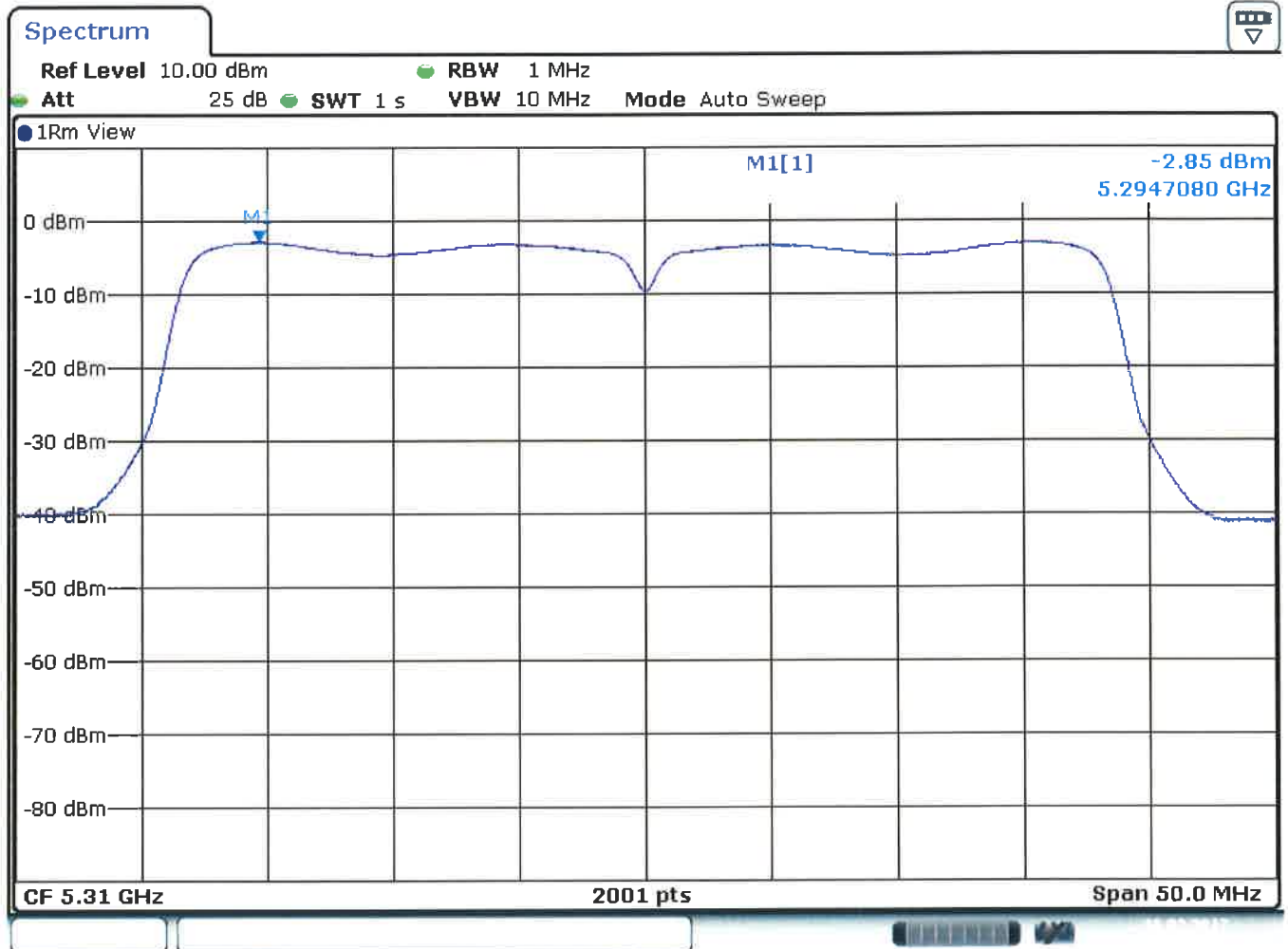
Test Equipment used: EMV-205

**Maximum Power spectral density (conducted)**

§ 15.407(a)(2)  
6.2.2 (1)

Conducted Measurement

Rated output power: 15,49 mW Channel 60-64 (5310 MHz center frequency)



Date: 16.MAR.2017 15:48:57

Power Spectral density: -2,85 dBm @ 5294,708 MHz

**LIMIT SUBCLAUSE 15.407(a)(2) – 6.2.2 (1)**

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands	the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band
--	--

Test Equipment used: EMV-205

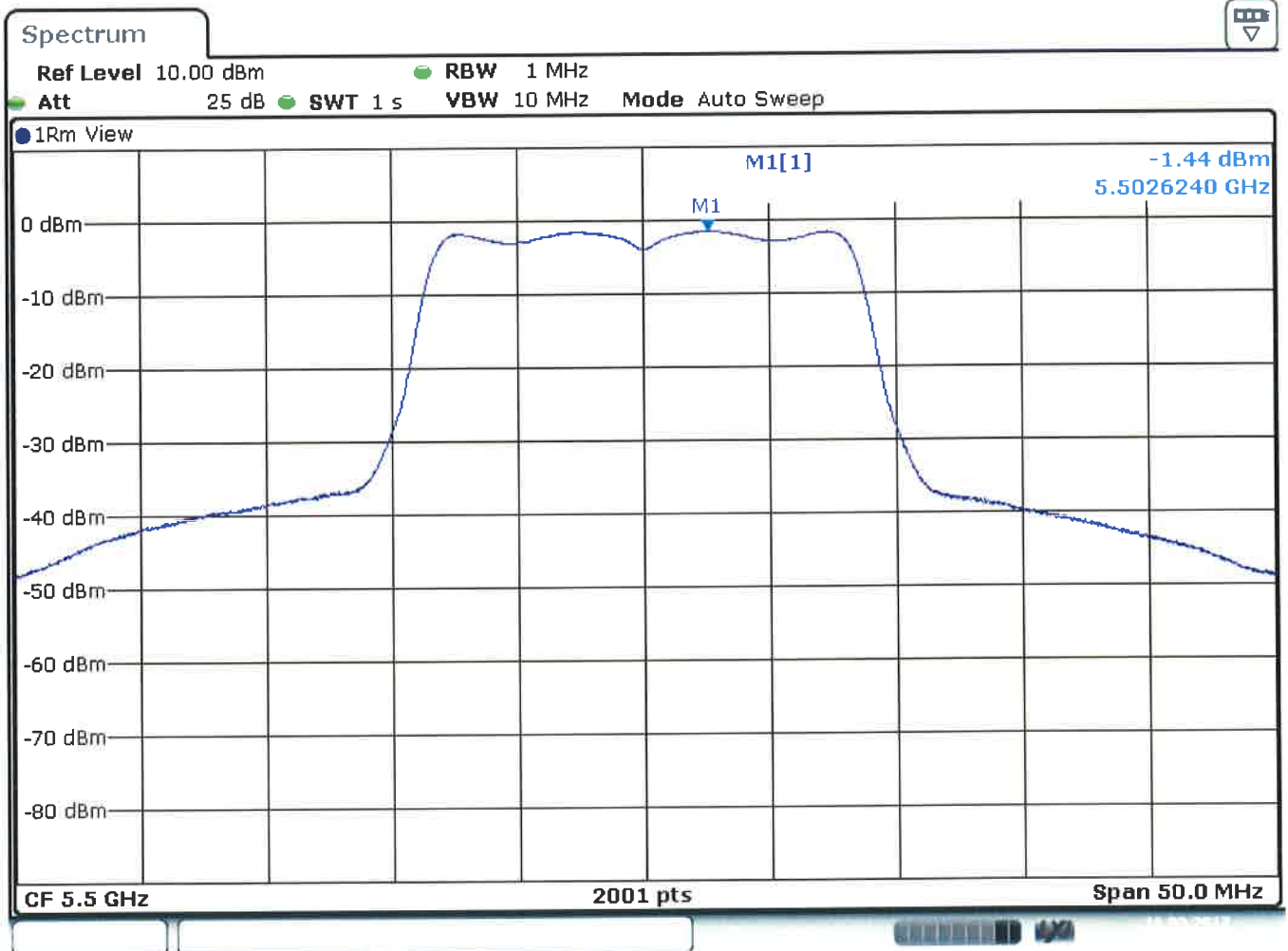


**Maximum Power spectral density (conducted)**

**§ 15.407(a)(2)  
6.2.3 (1)**

Conducted Measurement

Rated output power: 15,49 mW Channel 100 (5500 MHz center frequency)



Date: 16.MAR.2017 14:34:28

Power Spectral density: -1,44 dBm @ 5502,624 MHz

**LIMIT SUBCLAUSE 15.407(a)(2) – 6.2.3 (1)**

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands	the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band
--	--

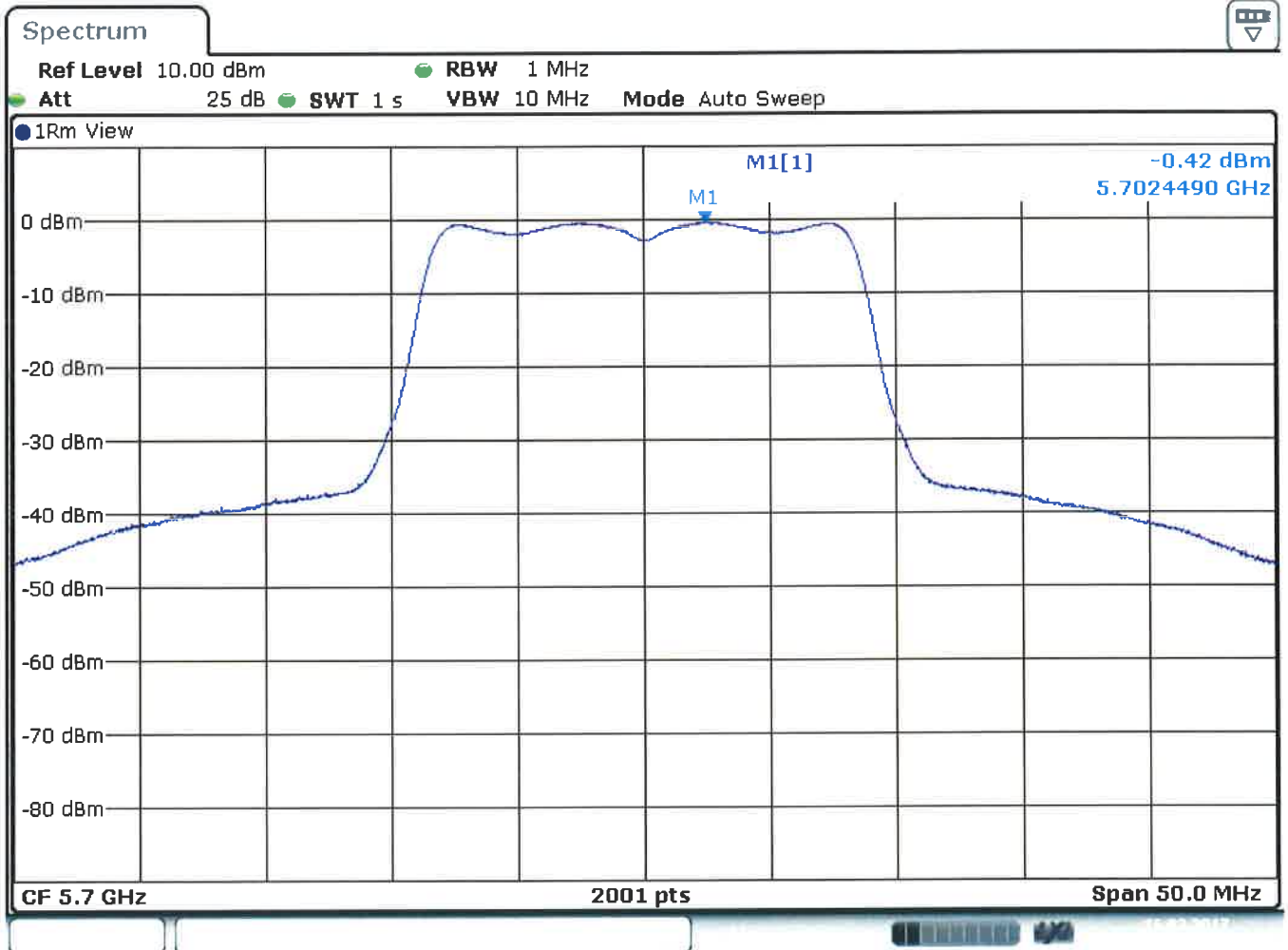
Test Equipment used: EMV-205

**Maximum Power spectral density (conducted)**

§ 15.407(a)(2)  
6.2.3 (1)

Conducted Measurement

Rated output power: 15,49 mW Channel 140 (5700 MHz center frequency)



Date: 16.MAR.2017 14:36:58

Power Spectral density: -0,42 dBm @ 5702,449 MHz

**LIMIT SUBCLAUSE 15.407(a)(2) – 6.2.3 (1)**

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands	the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band
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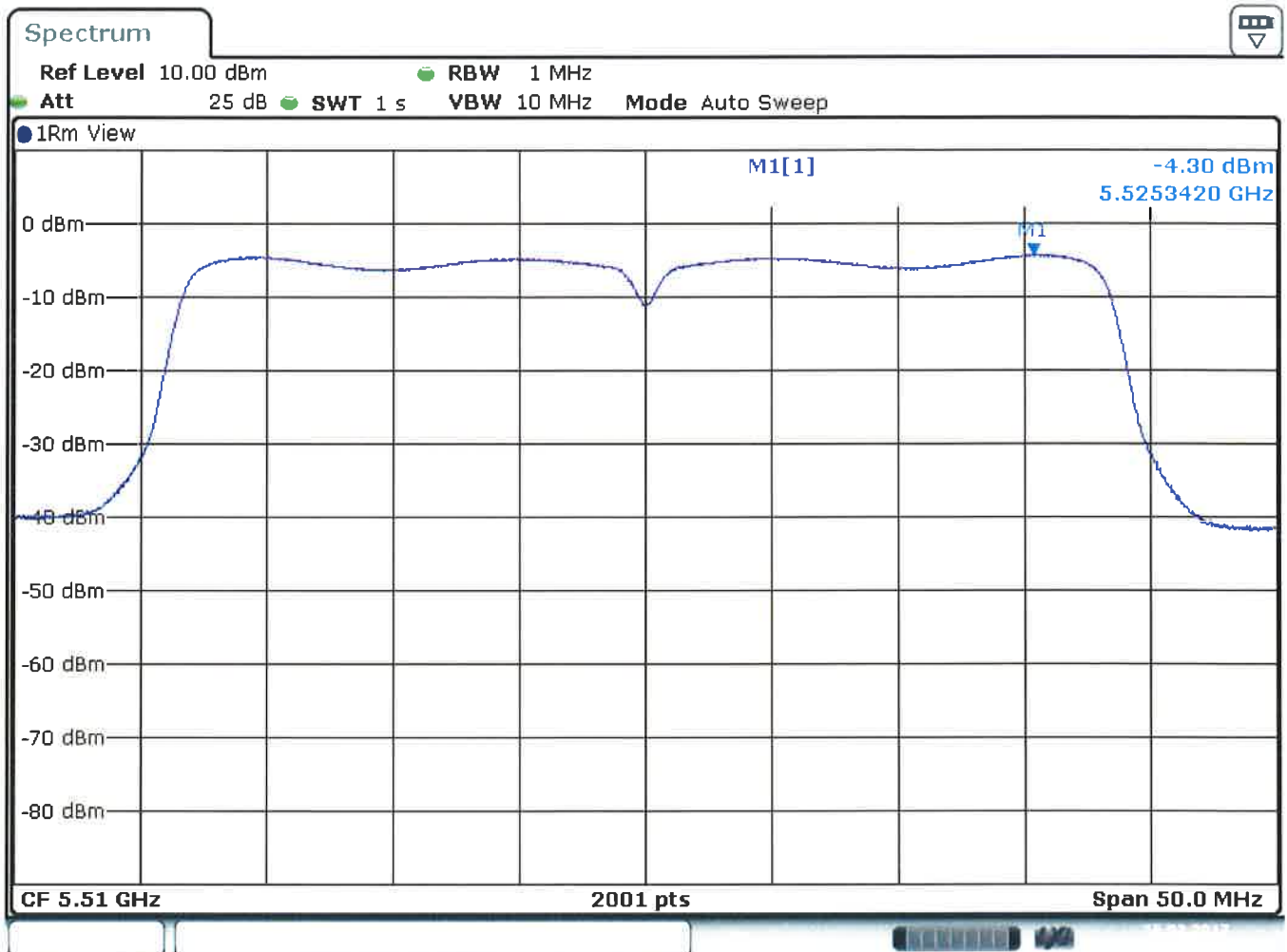
Test Equipment used: EMV-205

**Maximum Power spectral density (conducted)**

**§ 15.407(a)(2)  
6.2.3 (1)**

Conducted Measurement

Rated output power: 15,49 mW Channel 100-104 (5510 MHz center frequency)



Date: 16.MAR.2017 15:50:50

Power Spectral density: -4,30 dBm @ 5525,342 MHz

**LIMIT SUBCLAUSE 15.407(a)(2) – 6.2.3 (1)**

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands	the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band
--	--

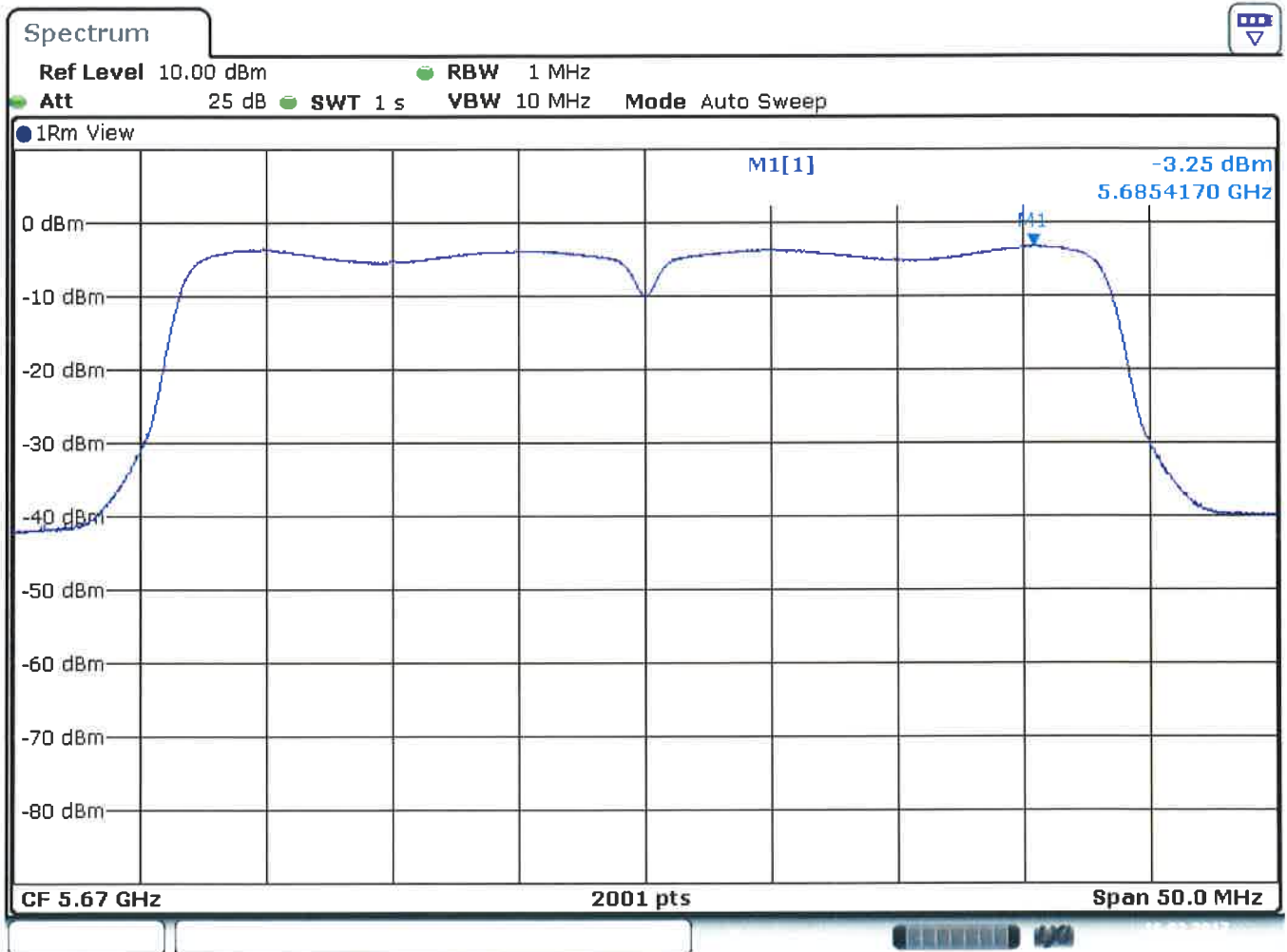
Test Equipment used: EMV-205

**Maximum Power spectral density (conducted)**

**§ 15.407(a)(2)  
6.2.3 (1)**

Conducted Measurement

Rated output power: 15,49 mW Channel 132-136 (5670 MHz center frequency)



Date: 16.MAR.2017 15:54:04

Power Spectral density: -3,25 dBm @ 5685,417 MHz

**LIMIT SUBCLAUSE 15.407(a)(2) – 6.2.3 (1)**

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands	the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band
--	--

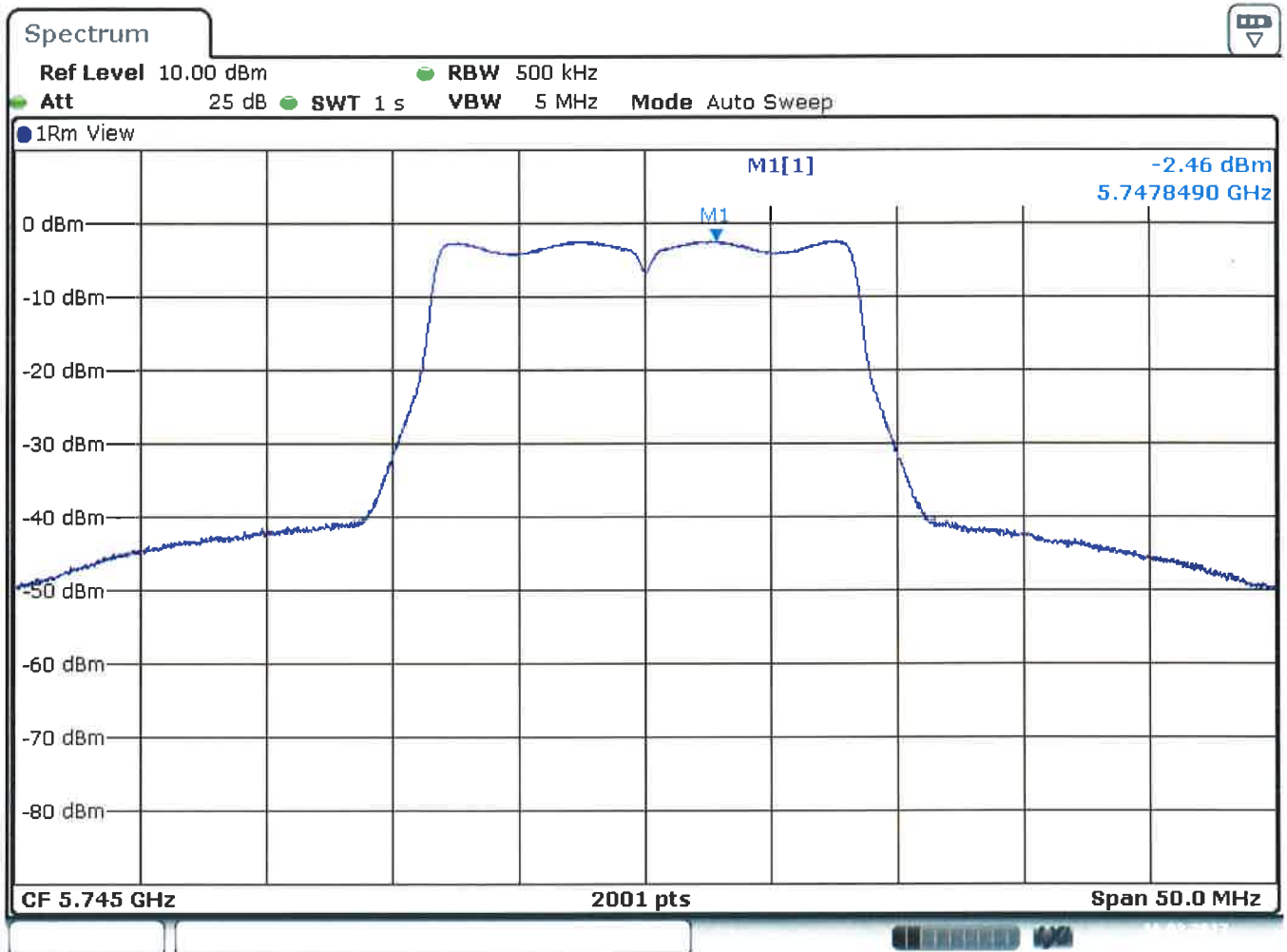
Test Equipment used: EMV-205

**Maximum Power spectral density (conducted)**

§ 15.407(a)(3)  
6.2.4 (1)

Conducted Measurement

Rated output power: 15,49 mW Channel 149 (5745 MHz center frequency)



Date: 16.MAR.2017 14:10:21

Power Spectral density: -2,46 dBm @ 5747,849 MHz

**LIMIT SUBCLAUSE 15.407(a)(3) – 6.2.4 (1)**

For the band 5.725-5.85 GHz	the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band
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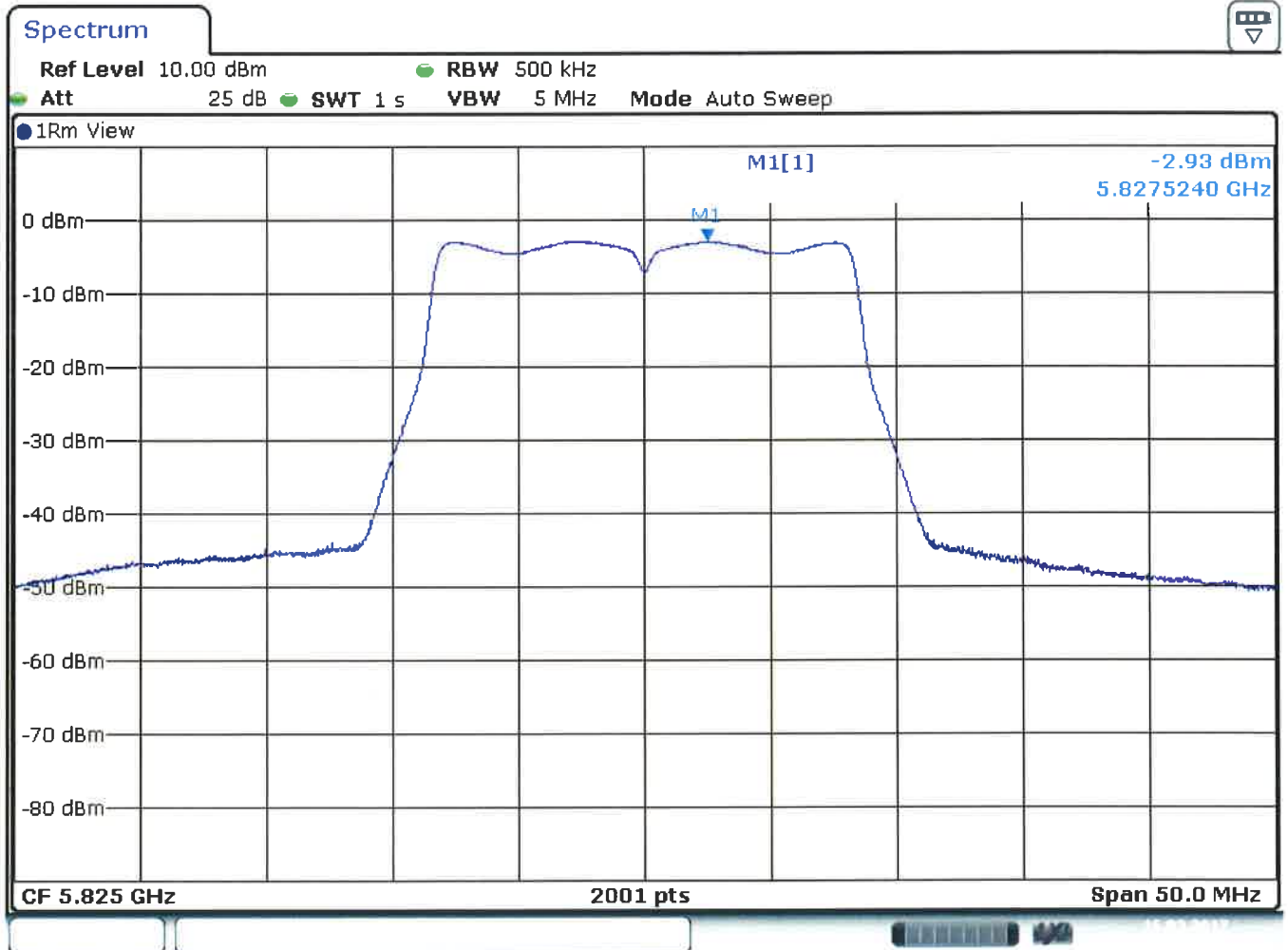
Test Equipment used: EMV-205

**Maximum Power spectral density (conducted)**

§ 15.407(a)(3)  
6.2.4 (1)

Conducted Measurement

Rated output power: 15,49 mW Channel 165 (5825 MHz center frequency)



Date: 16.MAR.2017 14:11:07

Power Spectral density: -2,93 dBm @ 5827,524 MHz

**LIMIT SUBCLAUSE 15.407(a)(3) – 6.2.4 (1)**

For the band 5.725-5.85 GHz	the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band
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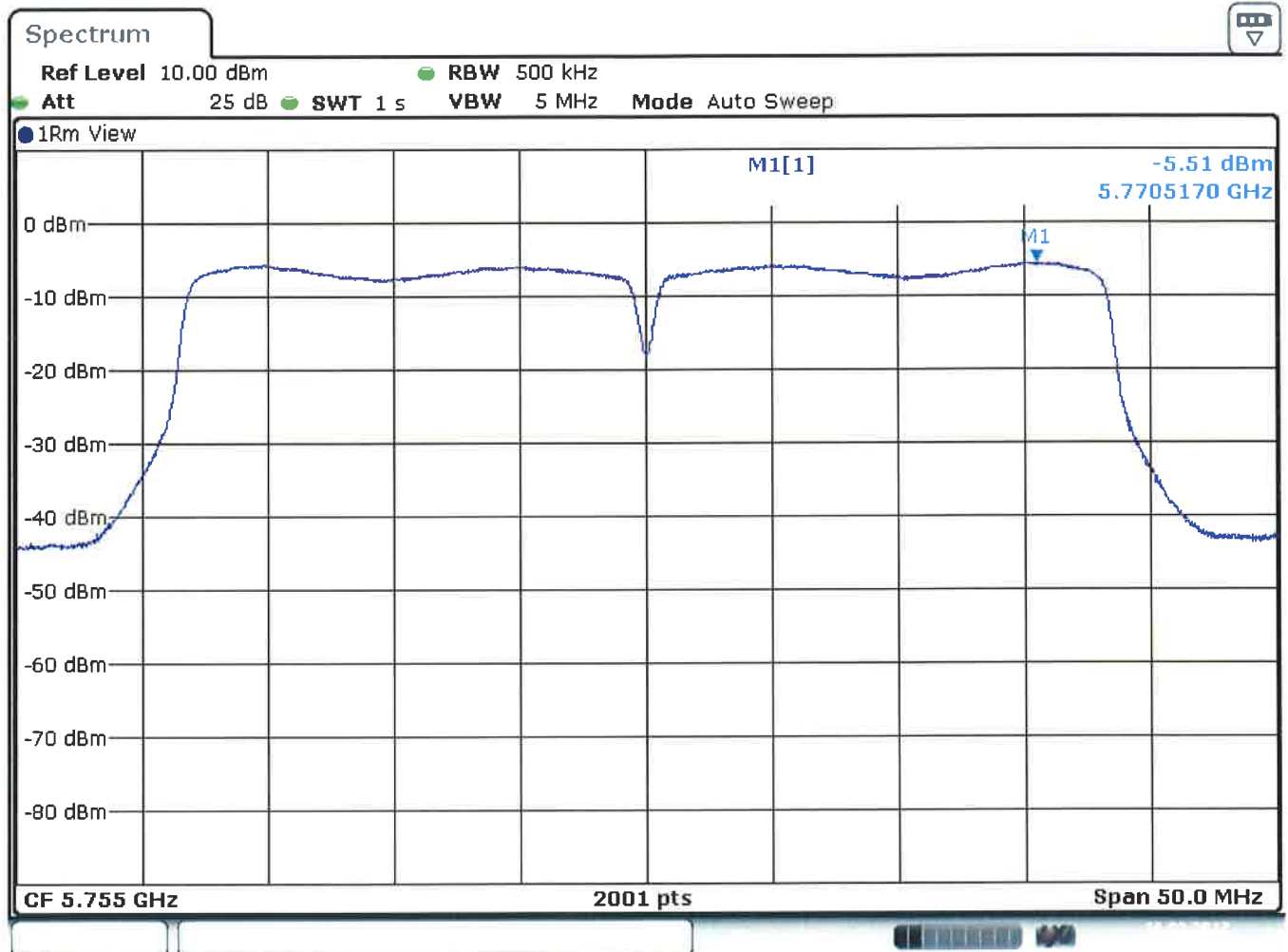
Test Equipment used: EMV-205

**Maximum Power spectral density (conducted)**

**§ 15.407(a)(3)  
6.2.4 (1)**

Conducted Measurement

Rated output power: 15,49 mW Channel 149-153 (5755 MHz center frequency)



Date: 16.MAR.2017 13:58:09

Power Spectral density: -5,51 dBm @ 5770,517 MHz

**LIMIT SUBCLAUSE 15.407(a)(3) – 6.2.4 (1)**

For the band 5.725-5.85 GHz	the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band
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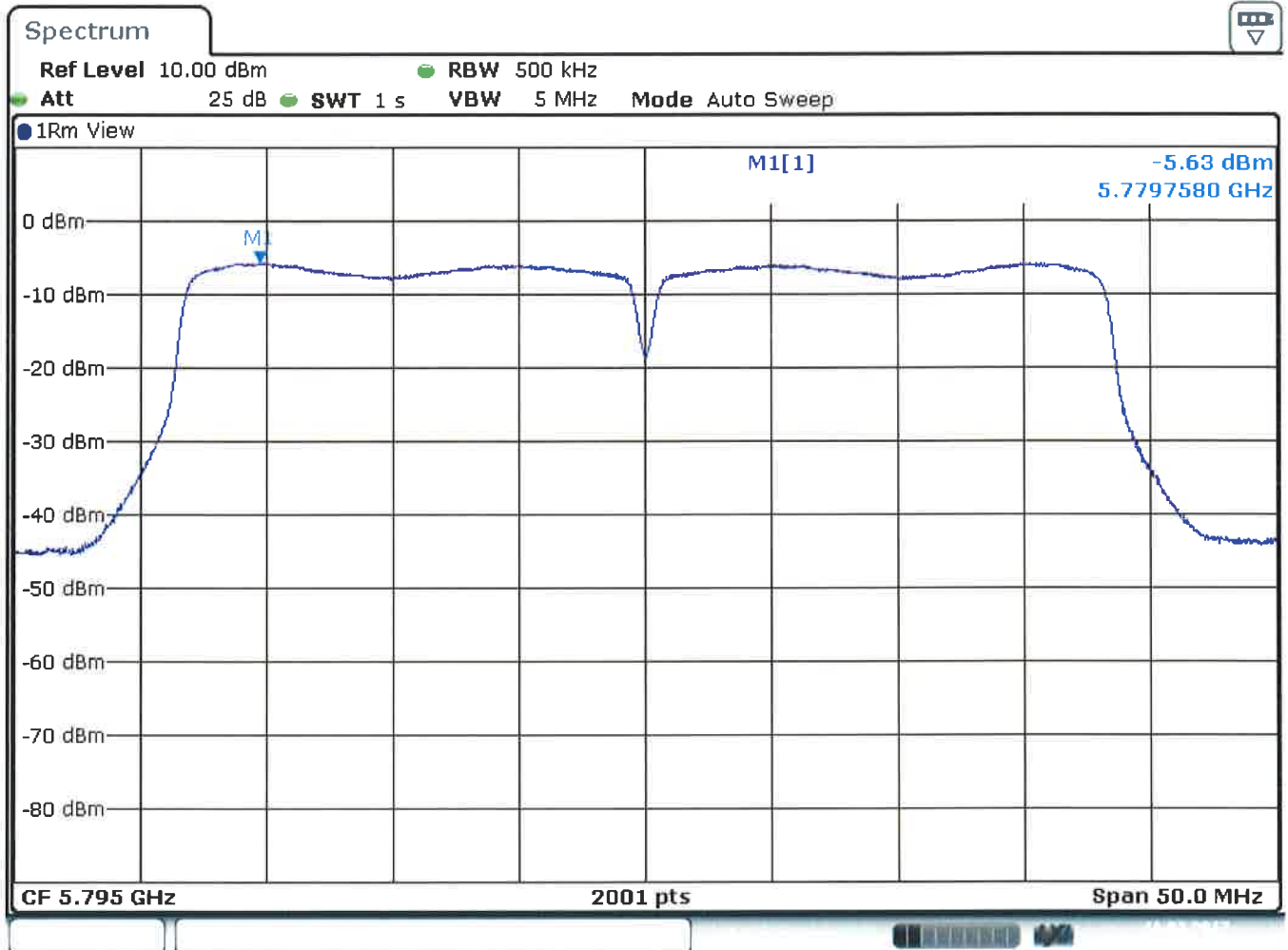
Test Equipment used: EMV-205

**Maximum Power spectral density (conducted)**

**§ 15.407(a)(3)  
6.2.4 (1)**

Conducted Measurement

Rated output power: 15,49 mW Channel 157-161 (5795 MHz center frequency)



Date: 16.MAR.2017 13:57:16

Power Spectral density: -5,63 dBm @ 5779,758 MHz

**LIMIT SUBCLAUSE 15.407(a)(3) – 6.2.4 (1)**

For the band 5.725-5.85 GHz	the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band
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Test Equipment used: EMV-205

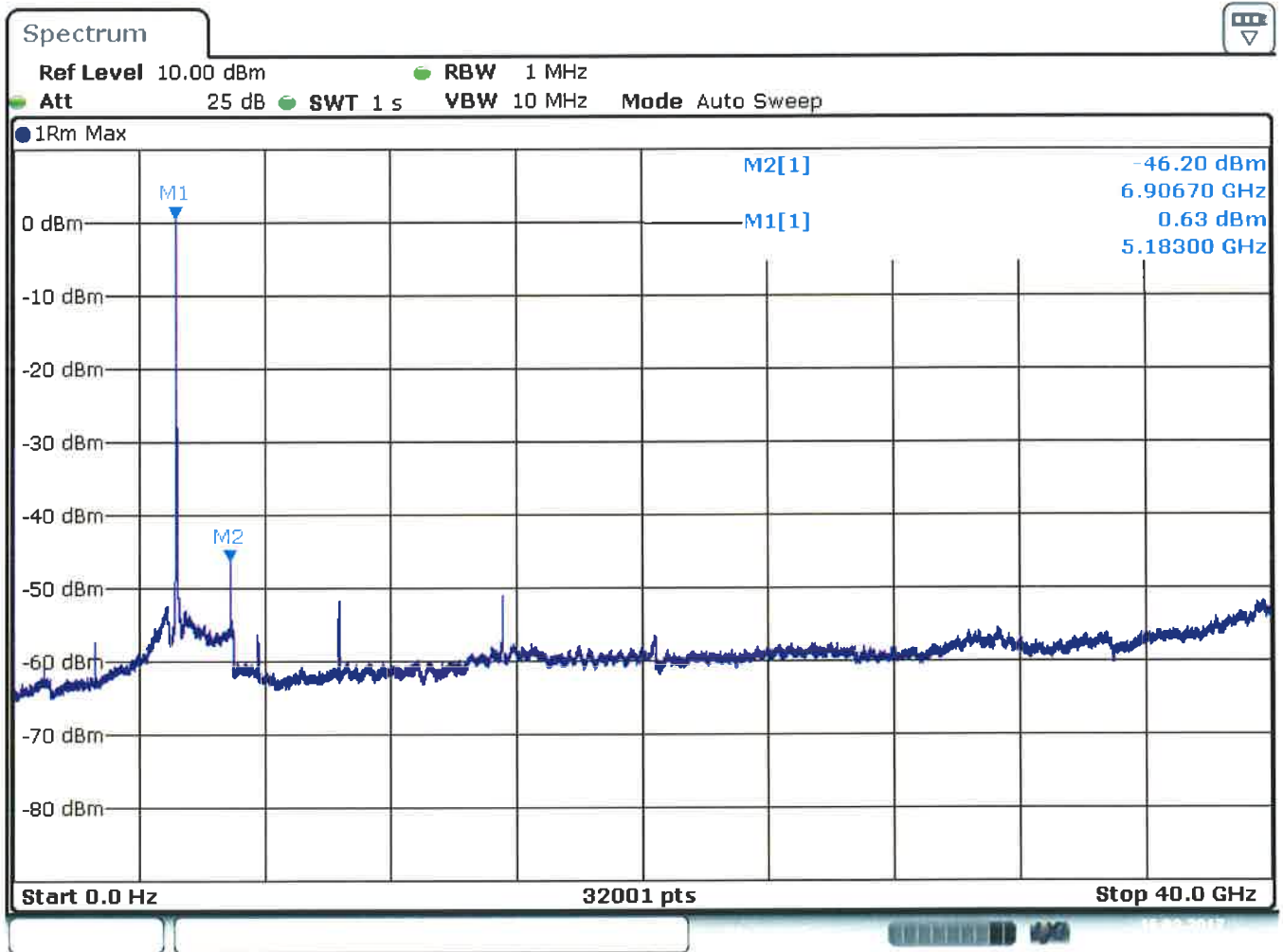


**Undesirable Emission Limits**

**§ 15.407(b)  
6.2.1 (2)**

Conducted measurement

Setup: CH 36: 5180 MHz



Date: 16.MAR.2017 13:19:02

**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.

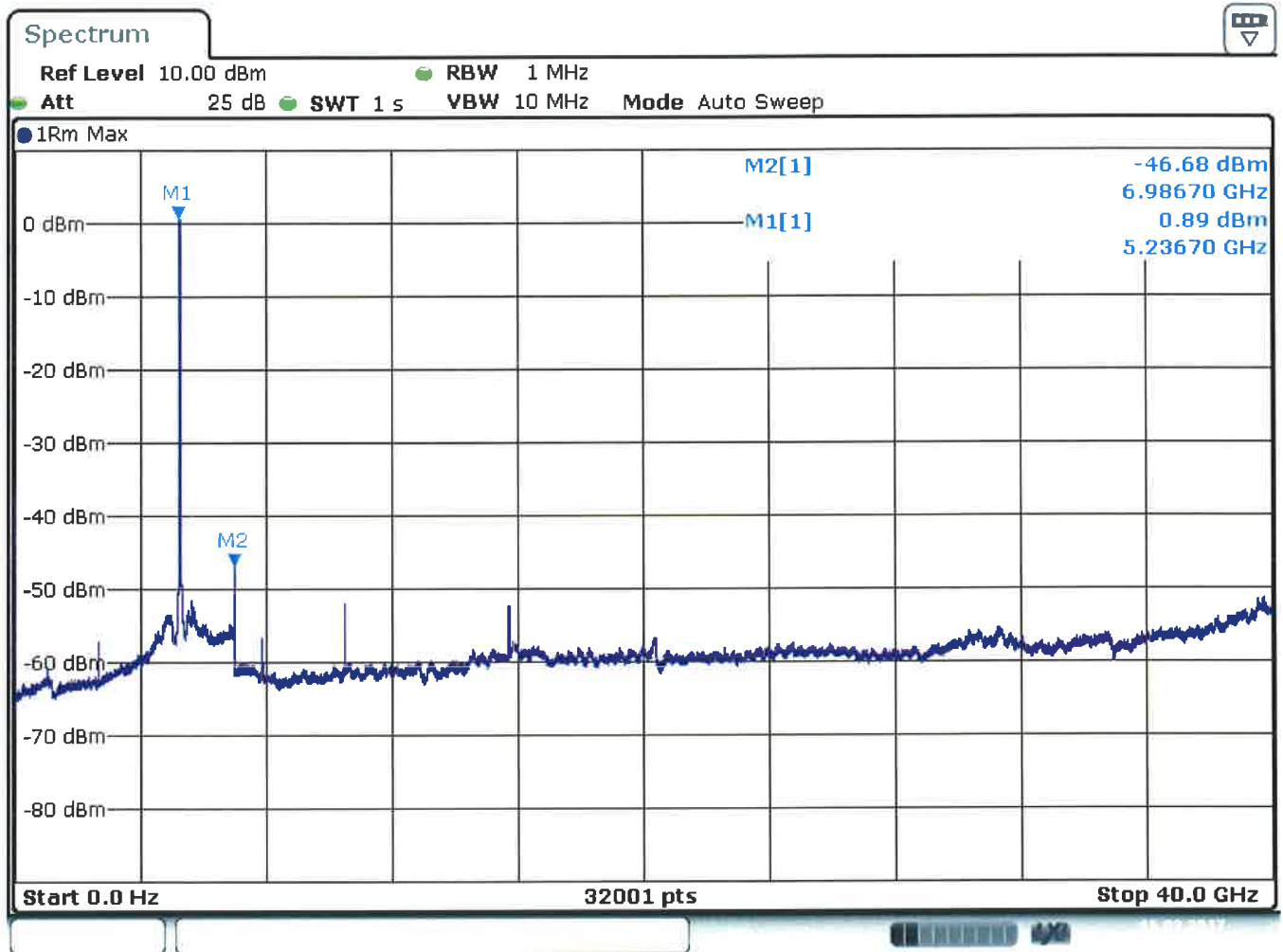
Test Equipment used: EMV-205

**Undesirable Emission Limits**

**§ 15.407(b)  
6.2.1 (2)**

Conducted measurement

Setup: CH 48: 5240 MHz



Date: 16.MAR.2017 13:15:48

**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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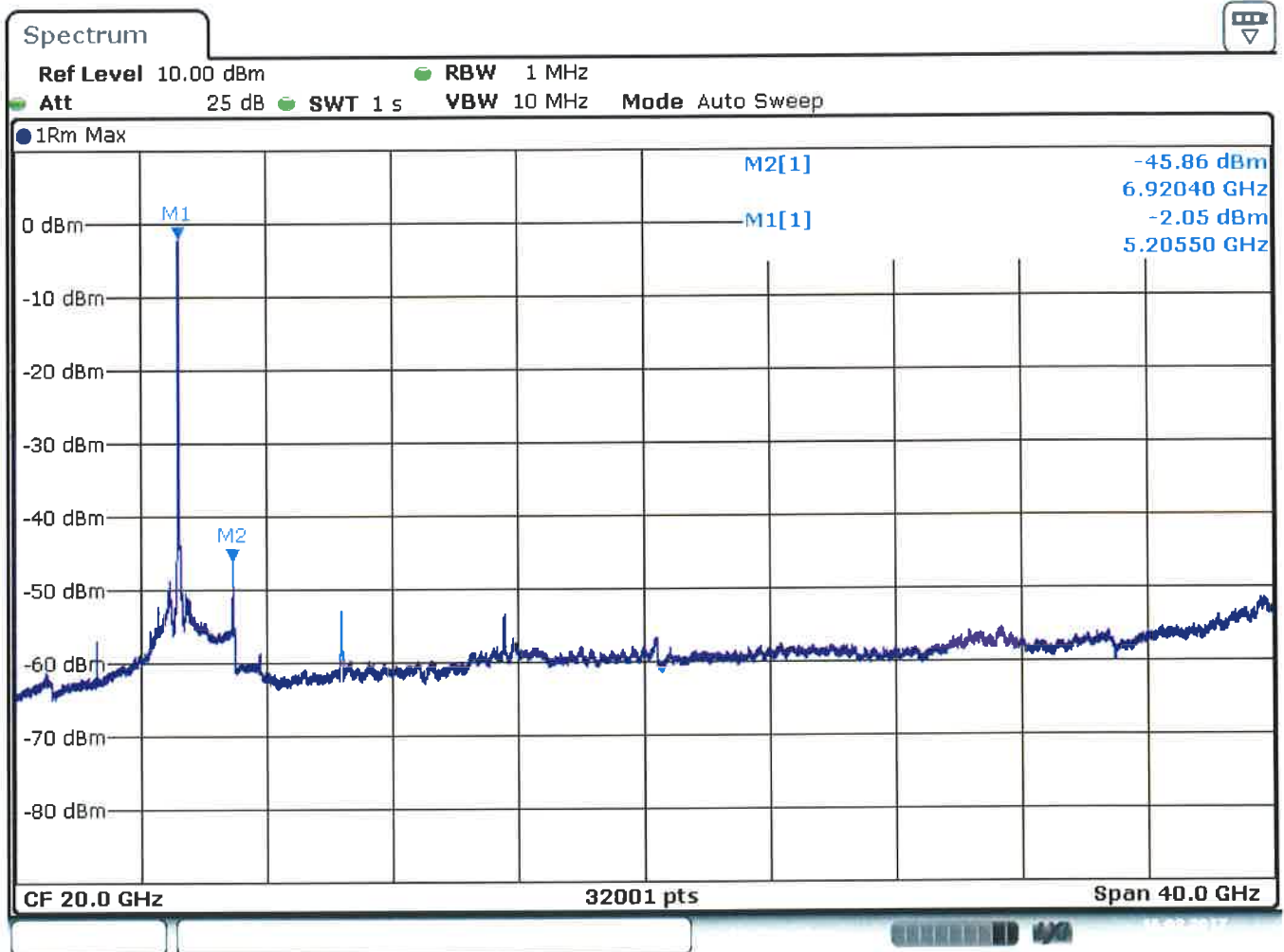
Test Equipment used: EMV-205

**Undesirable Emission Limits**

**§ 15.407(b)  
6.2.1 (2)**

Conducted measurement

Setup: CH 36-40: 5190 MHz



Date: 16.MAR.2017 13:35:48

**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.
--	--

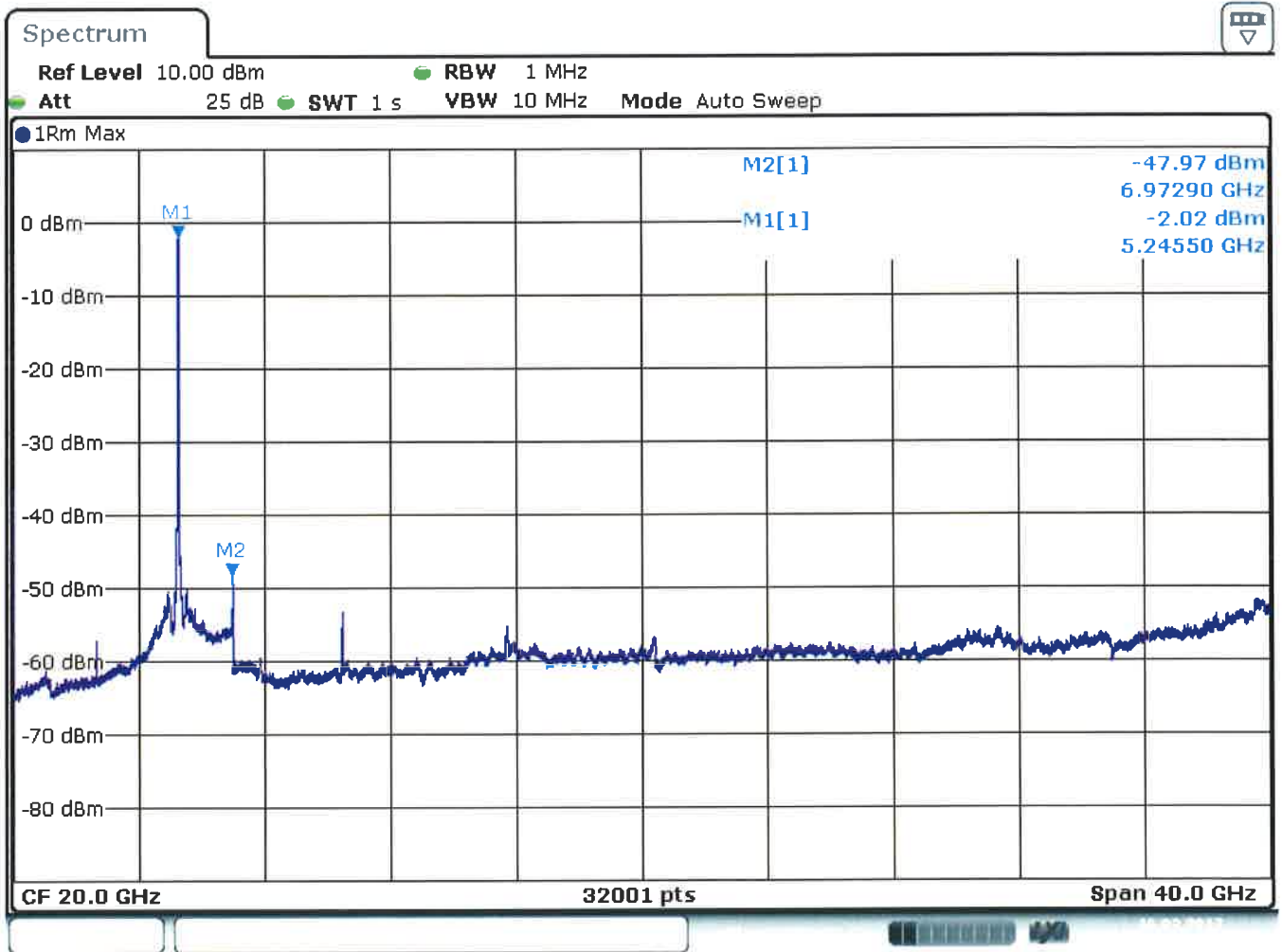
Test Equipment used: EMV-205

**Undesirable Emission Limits**

**§ 15.407(b)  
6.2.1 (2)**

Conducted measurement

Setup: CH 44-48: 5230 MHz



Date: 16.MAR.2017 13:37:47

**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.
--	--

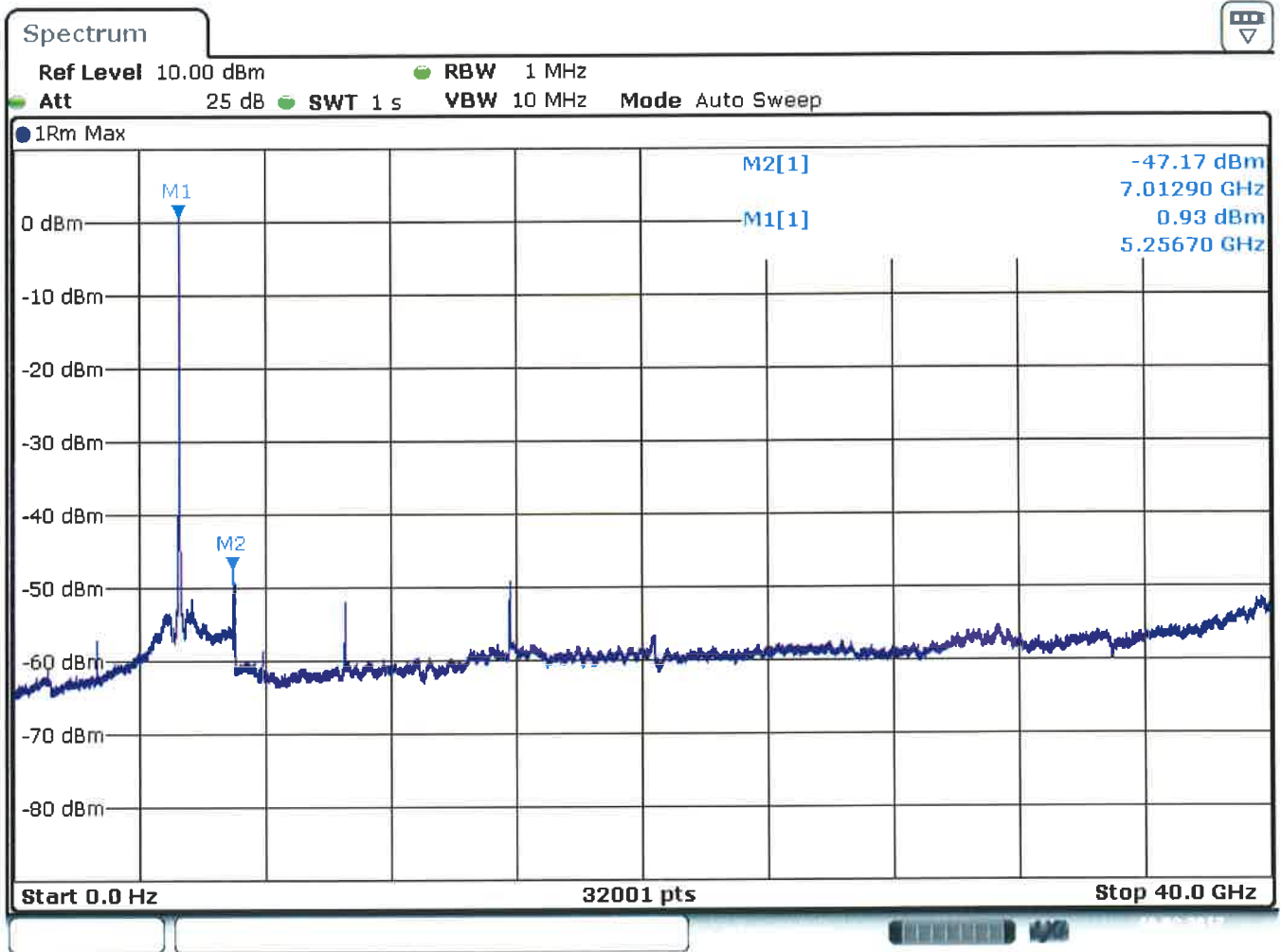
Test Equipment used: EMV-205

**Undesirable Emission Limits**

**§ 15.407(b)  
6.2.2 (2)**

Conducted measurement

Setup: CH 52: 5260 MHz



Date: 16.MAR.2017 13:21:46

**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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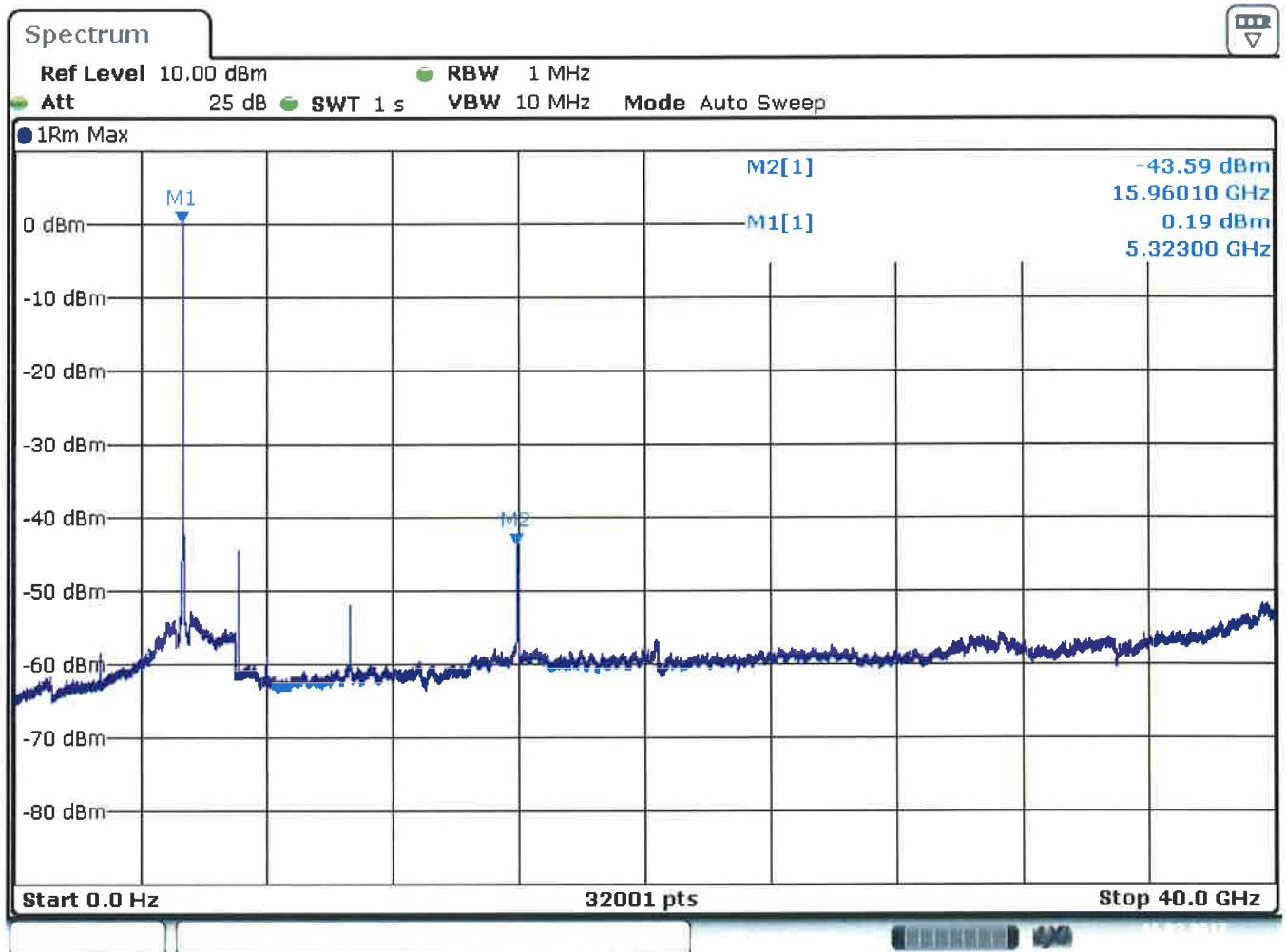
Test Equipment used: EMV-205

**Undesirable Emission Limits**

**§ 15.407(b)  
6.2.2 (2)**

Conducted measurement

Setup: CH 64: 5320 MHz



Date: 16.MAR.2017 13:23:03

**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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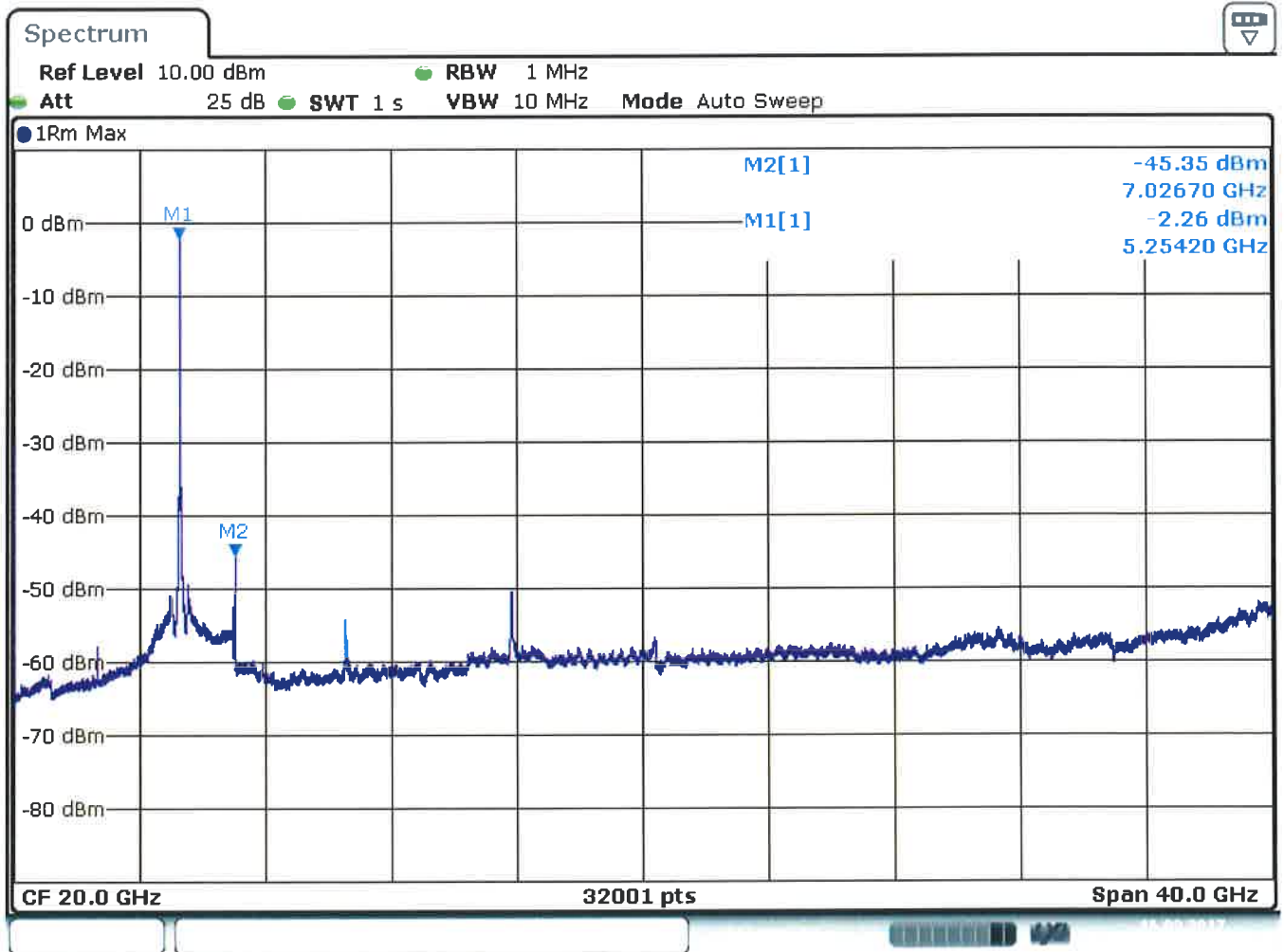
Test Equipment used: EMV-205

**Undesirable Emission Limits**

§ 15.407(b)  
6.2.2 (2)

Conducted measurement

Setup: CH 52-56: 5270 MHz



Date: 16.MAR.2017 13:39:17

**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.
--	--

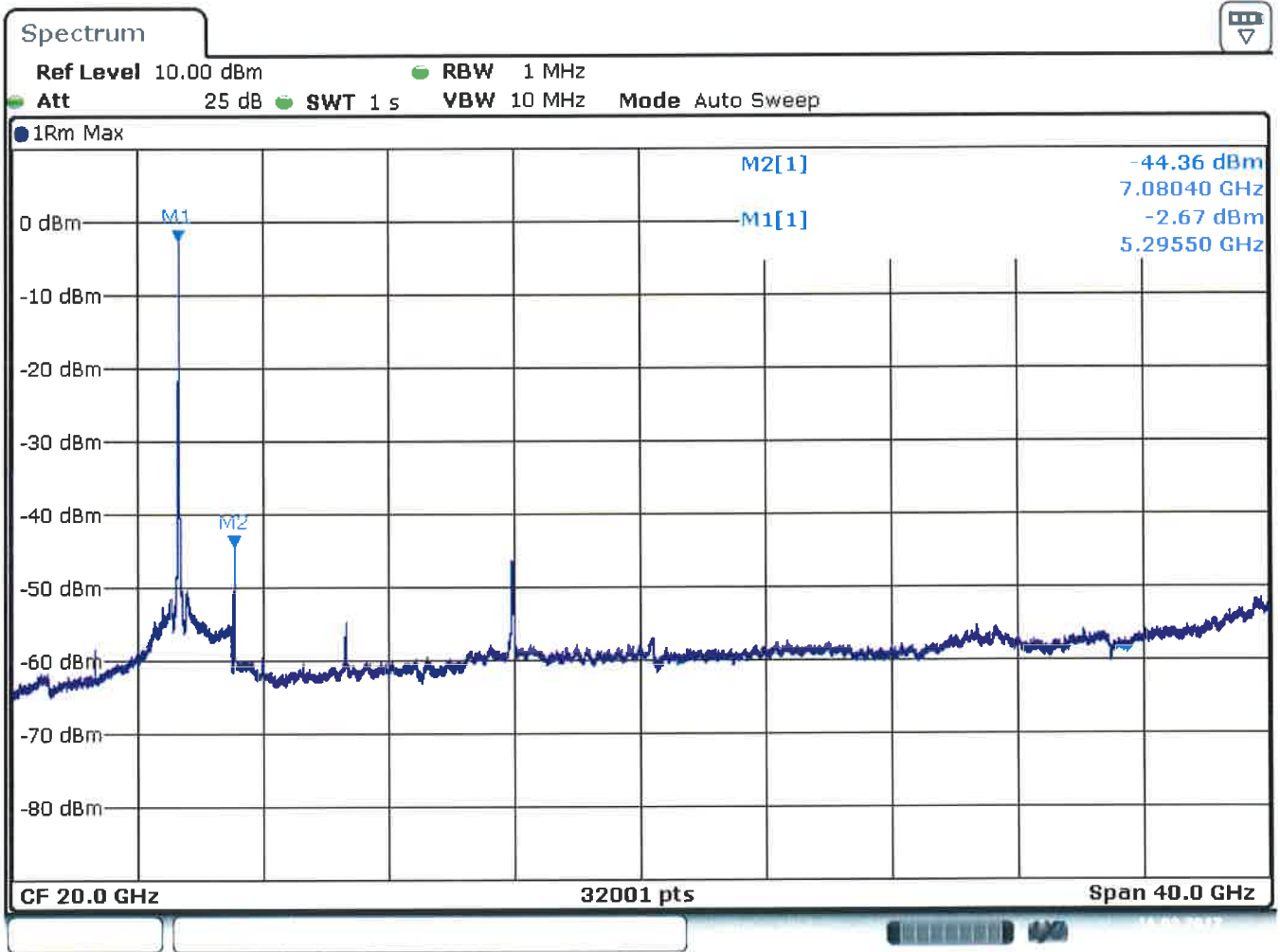
Test Equipment used: EMV-205

**Undesirable Emission Limits**

**§ 15.407(b)  
6.2.2 (2)**

Conducted measurement

Setup: CH 60-64: 5310 MHz



Date: 16.MAR.2017 13:41:48

**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

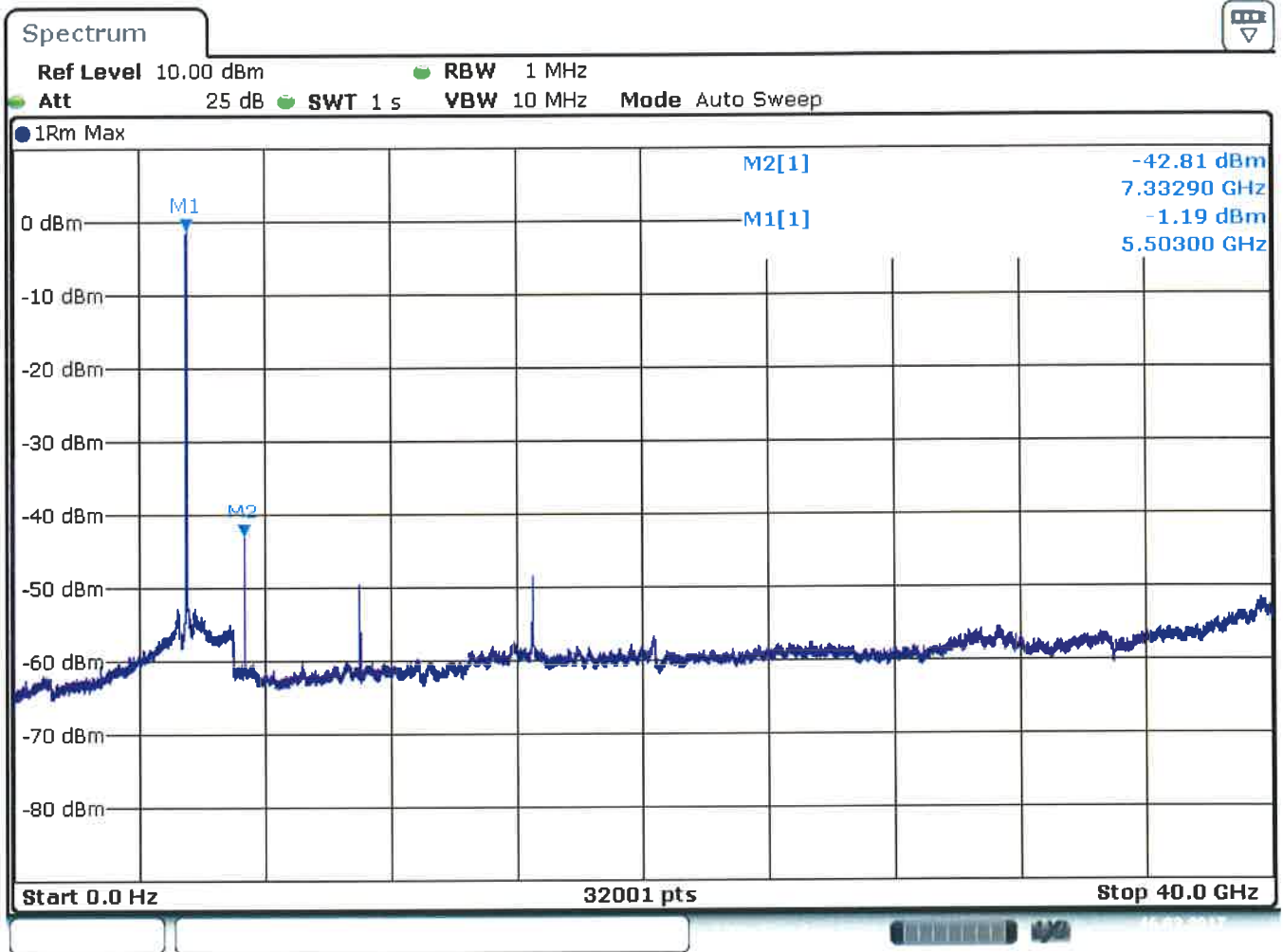


**Undesirable Emission Limits**

§ 15.407(b)  
6.2.3 (2)

Conducted measurement

Setup: CH 100: 5500 MHz



Date: 16.MAR.2017 13:24:12

**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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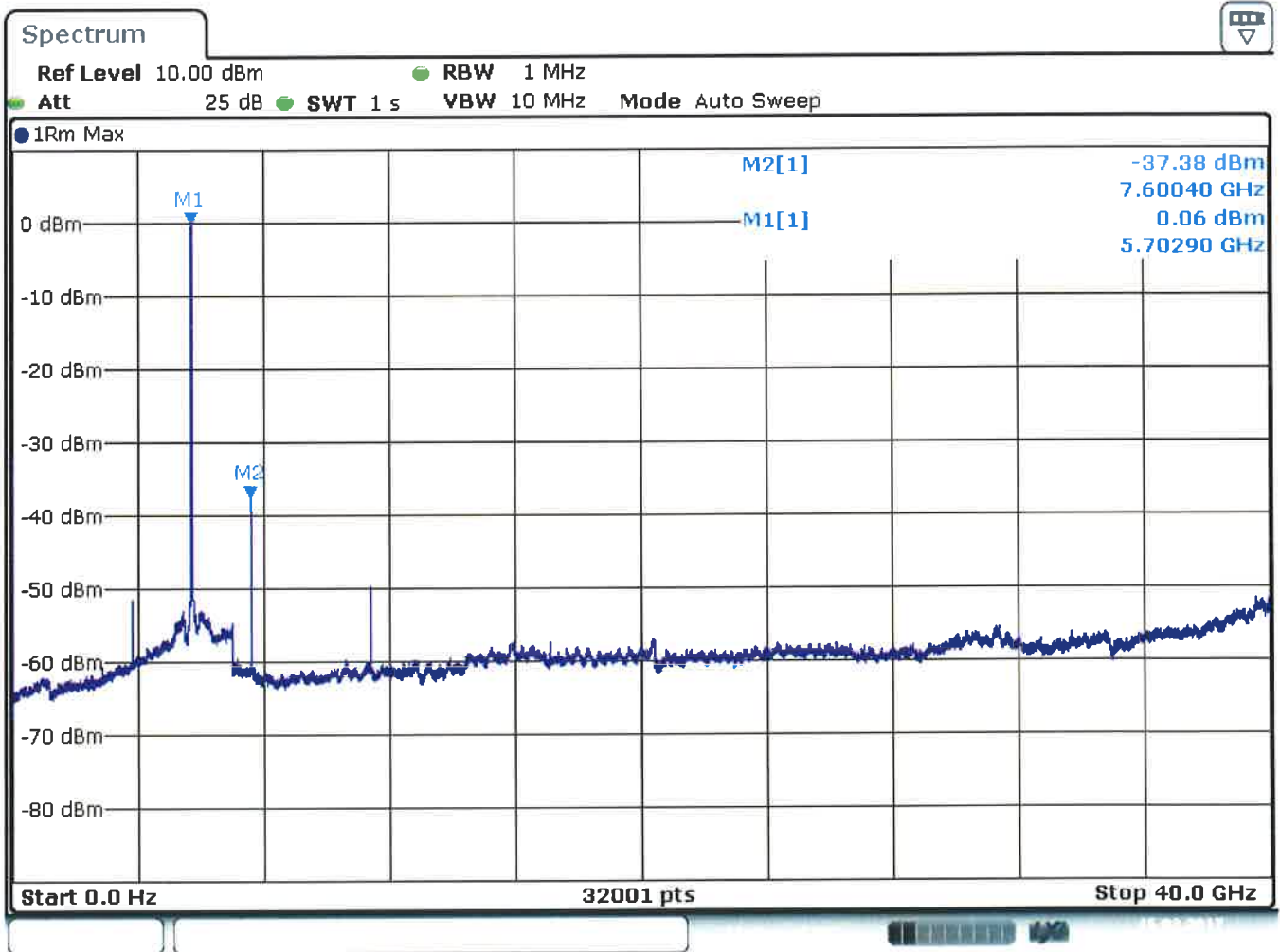
Test Equipment used: EMV-205

**Undesirable Emission Limits**

§ 15.407(b)  
6.2.3 (2)

Conducted measurement

Setup: CH 140: 5700 MHz



Date: 16.MAR.2017 13:25:43

**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