

4.6 Duty Cycle

Conducted Measurement

Rated output power: 32,35 mW

Mode of operation	On Time (µs)	Period (µs)	Duty Cycle (%)	Duty Factor (dB)
OFDM – 20 MHz	143	172	83,13	0,8
OFDM – 40 MHz	103	121	85,12	0,69
OFDM – 80 MHz	102	130	78,46	1,05

LIMIT

N/A

4.7. Maximum Conducted Output Power

§ 15.407(a)(1)(iv)
6.2.1.1

Firmware power settings during all tests

Antenna 1

Mode of operation	Firmware power setting			
	Channel and center frequency (MHz)			
OFDM – 20 MHz	Setting 40 at CH 36 (5180)	Setting 46 at CH 48 (5240)	Setting 55 at CH 52 (5260)	Setting 42 at CH 64 (5320)
OFDM – 40 MHz	Setting 37 at CH 38 (5190)	Setting 50 at CH 46 (5230)	Setting 53 at CH 54 (5270)	Setting 38 at CH 62 (5310)
OFDM – 80 MHz	Setting 36 at CH 42 (5210)		Setting 40 at CH 58 (5290)	

Mode of operation	Firmware power setting			
	Channel and center frequency (MHz)			
OFDM – 20 MHz	Setting 34 at CH 100 (5500)	Setting 55 at CH 144 (5720)	Setting 55 at CH 149 (5745)	Setting 32 at CH 165 (5825)
OFDM – 40 MHz	Setting 32 at CH 102 (5510)	Setting 50 at CH 142 (5710)	Setting 34 at CH 151 (5755)	Setting 34 at CH 159 (5775)
OFDM – 80 MHz	Setting 32 at CH 106 (5530)	Setting 42 at CH 138 (5690)	Setting 34 at CH 155 (5755)	

LIMIT **N/A**

Measuring equipment used: N/A

Maximum Conducted Output Power

§ 15.407(a)(1)(iv)
6.2.1.1

Firmware power settings during all tests

Antenna 2

Mode of operation	Firmware power setting			
	Channel and center frequency (MHz)			
OFDM – 20 MHz	Setting 40 at CH 36 (5180)	Setting 46 at CH 48 (5240)	Setting 55 at CH 52 (5260)	Setting 42 at CH 64 (5320)
OFDM – 40 MHz	Setting 37 at CH 38 (5190)	Setting 50 at CH 46 (5230)	Setting 53 at CH 54 (5270)	Setting 38 at CH 62 (5310)
OFDM – 80 MHz	Setting 36 at CH 42 (5210)		Setting 40 at CH 58 (5290)	

Mode of operation	Firmware power setting			
	Channel and center frequency (MHz)			
OFDM – 20 MHz	Setting 34 at CH 100 (5500)	Setting 55 at CH 144 (5720)	Setting 55 at CH 149 (5745)	Setting 32 at CH 165 (5825)
OFDM – 40 MHz	Setting 32 at CH 102 (5510)	Setting 50 at CH 142 (5710)	Setting 34 at CH 151 (5755)	Setting 34 at CH 159 (5775)
OFDM – 80 MHz	Setting 32 at CH 106 (5530)	Setting 42 at CH 138 (5690)	Setting 34 at CH 155 (5755)	

LIMIT **N/A**

Measuring equipment used: N/A

Maximum Conducted Output Power

§ 15.407(a)(1)(iv)
6.2.1.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW

Test conditions		Transmitter power (mW)	
		Channel center frequency (MHz)	
T _{nom} (23)°C	OFDM – 20 MHz	9,37 (5180)	13,33 (5240)
	OFDM – 40 MHz	6,35 (5190)	14,55 (5230)
	OFDM – 80 MHz	6,11 (5210)	
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
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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 – Antenna 1

Rated output power: 32,35 mW

Test conditions		Transmitter power (mW)	
		Channel center frequency (MHz)	
T _{nom} (23)°C	OFDM – 20 MHz	18,03 (5260)	8,21 (5320)
	OFDM – 40 MHz	13,45 (5270)	5,01 (5310)
	OFDM – 80 MHz	5,19 (5290)	
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 conducted output power shall not exceed 250 mW or 11 + 10 log₁₀B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band

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

Maximum Conducted Output Power

§ 15.407(a)(2)
6.2.3.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW

Test conditions		Transmitter power (mW)	
		Channel center frequency (MHz)	
T _{nom} (23)°C	OFDM – 20 MHz	8,61 (5500)	31,65 (5700)
	OFDM – 40 MHz	6,29 (5510)	18,31 (5670)
	OFDM – 80 MHz	5,33 (5530)	11,66 (5690)
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 conducted output power shall not exceed 250 mW or 11 + 10 log₁₀B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

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

Maximum Conducted Output Power

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW

Test conditions		Transmitter power (mW)	
		Channel center frequency (MHz)	
T _{nom} (23)°C	OFDM – 20 MHz	20,89 (5745)	9,61 (5825)
	OFDM – 40 MHz	7,59 (5755)	7,66 (5795)
	OFDM – 80 MHz	7,89 (5775)	
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
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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 Conducted Output Power

§ 15.407(a)(1)(iv)
6.2.1.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW

Test conditions		Transmitter power (mW)	
		Channel center frequency (MHz)	
T _{nom} (23)°C	OFDM – 20 MHz	9,93 (5180)	13,96 (5240)
	OFDM – 40 MHz	6,85 (5190)	15,24 (5230)
	OFDM – 80 MHz	6,22 (5210)	
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 – Antenna 2

Rated output power: 32,35 mW

Test conditions		Transmitter power (mW)	
		Channel center frequency (MHz)	
T _{nom} (23)°C	OFDM – 20 MHz	19,05 (5260)	8,79 (5320)
	OFDM – 40 MHz	14,42 (5270)	5,37 (5310)
	OFDM – 80 MHz	5,62 (5290)	
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 conducted output power shall not exceed 250 mW or 11 + 10 log₁₀B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band

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

Maximum Conducted Output Power

§ 15.407(a)(2)
6.2.3.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW

Test conditions		Transmitter power (mW)	
		Channel center frequency (MHz)	
T _{nom} (23)°C	OFDM – 20 MHz	9,01 (5500)	32,35 (5700)
	OFDM – 40 MHz	6,76 (5510)	19,01 (5670)
	OFDM – 80 MHz	5,74 (5530)	12,50 (5690)
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 conducted output power shall not exceed 250 mW or 11 + 10 log₁₀B, dBm, whichever is less. The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

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

Maximum Conducted Output Power

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW

Test conditions		Transmitter power (mW)	
		Channel center frequency (MHz)	
T _{nom} (23)°C	OFDM – 20 MHz	21,47 (5745)	10,09 (5825)
	OFDM – 40 MHz	8,07 (5755)	7,96 (5795)
	OFDM – 80 MHz	7,89 (5775)	
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
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LIMIT SUBCLAUSE 6.2.4.1

The maximum conducted output power shall not exceed 1 W.

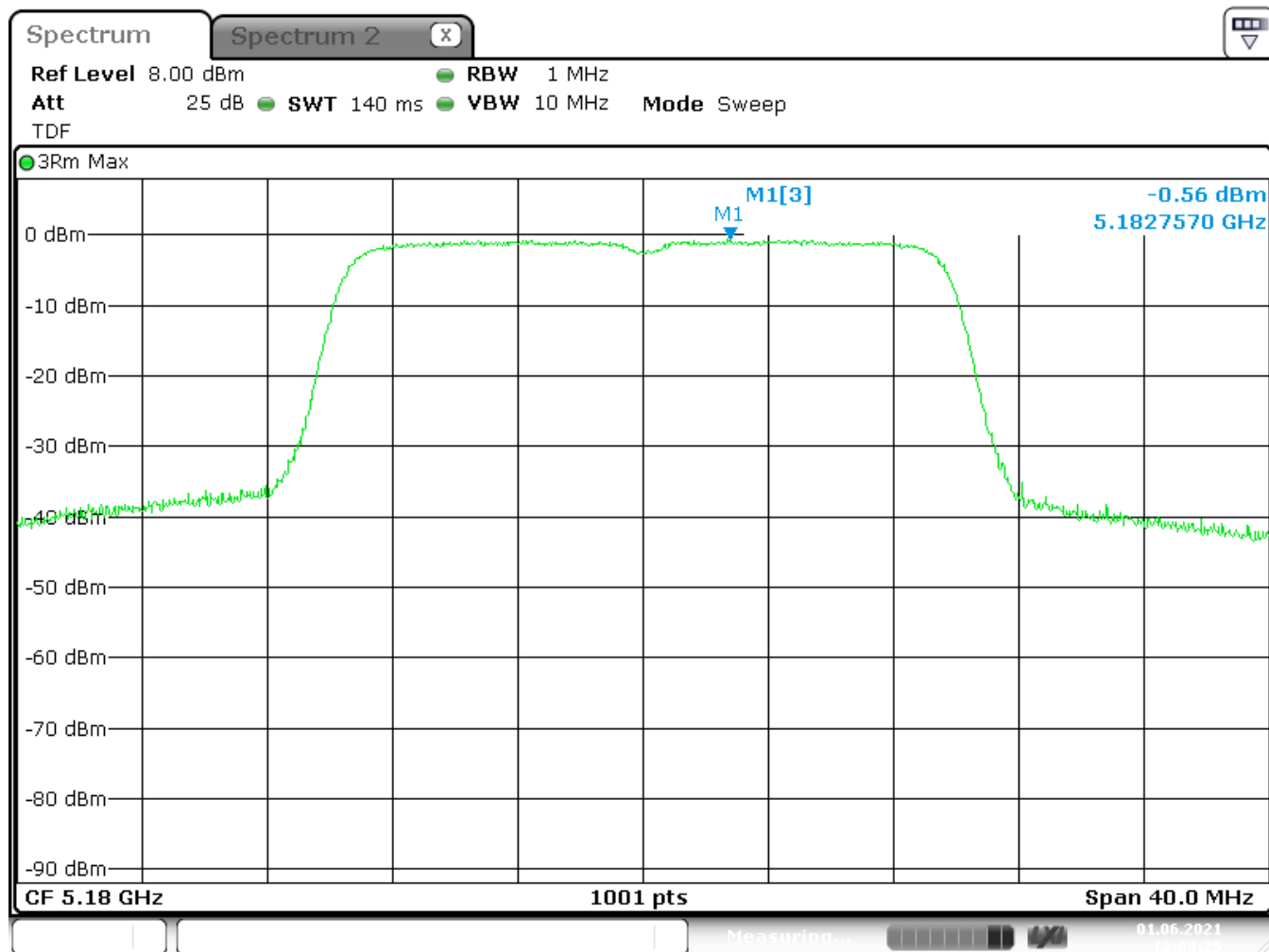
Test Equipment used: NT-204; NT-229; NT233/1a

4.8. Maximum Power spectral density (conducted)

§ 15.407(a)(1)(iv)
6.2.1.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 36 (5180 MHz center frequency)



Date: 1 JUN 2021 12:08:26

Power Spectral density: -0,56 dBm @ 5182,7570 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
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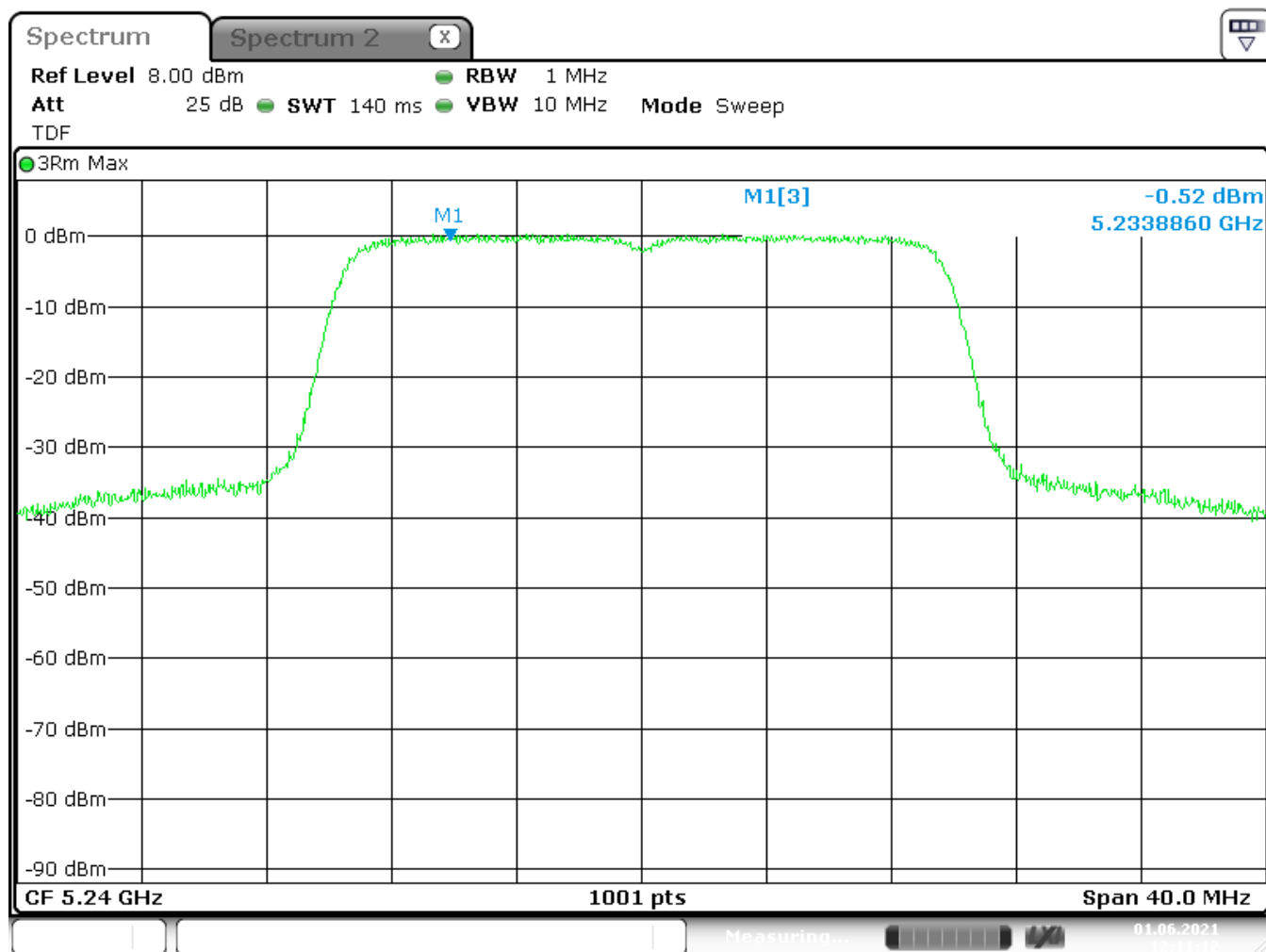
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.1.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 48 (5240 MHz center frequency)



Date: 1 JUN 2021 12:11:12

Power Spectral density: -0,52 dBm @ 5233,8860 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
--	---

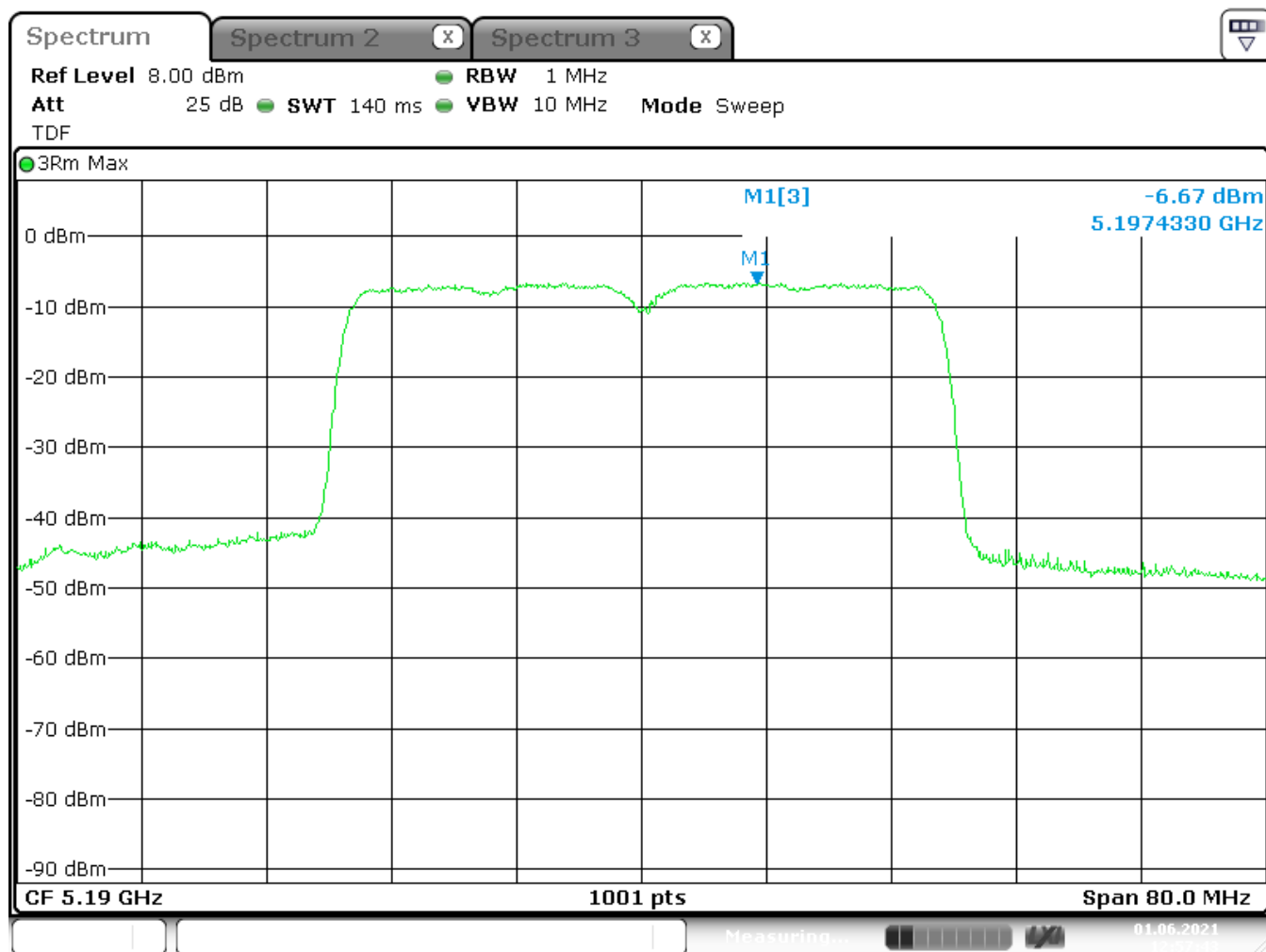
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.1.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 38 (5190 MHz center frequency)



Date: 1 JUN 2021 12:57:43

Power Spectral density: -6,67 dBm @ 5197,4330 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
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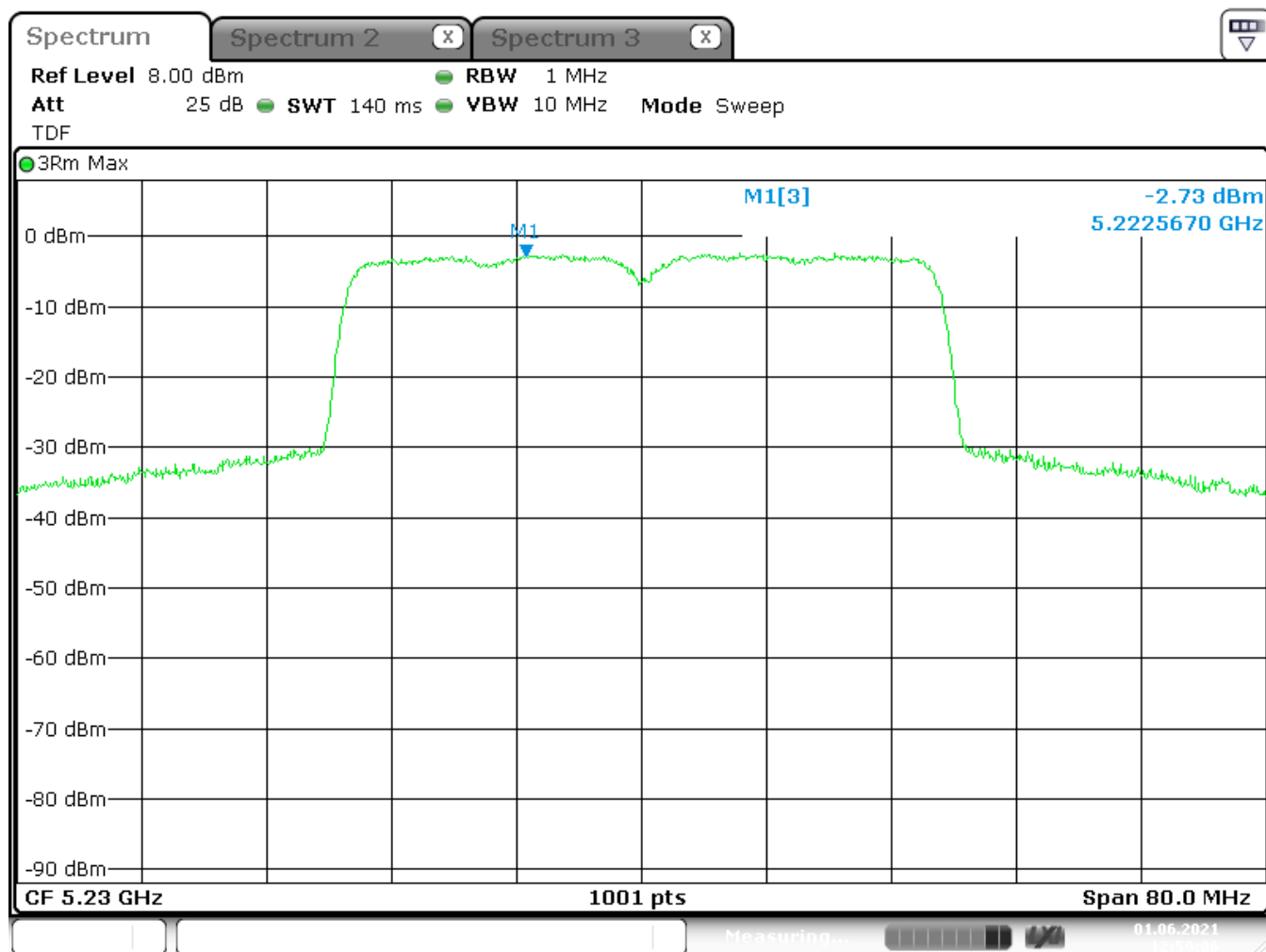
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.1.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 46 (5230 MHz center frequency)



Date: 1 JUN 2021 12:59:07

Power Spectral density: -2,73 dBm @ 5222,5670 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
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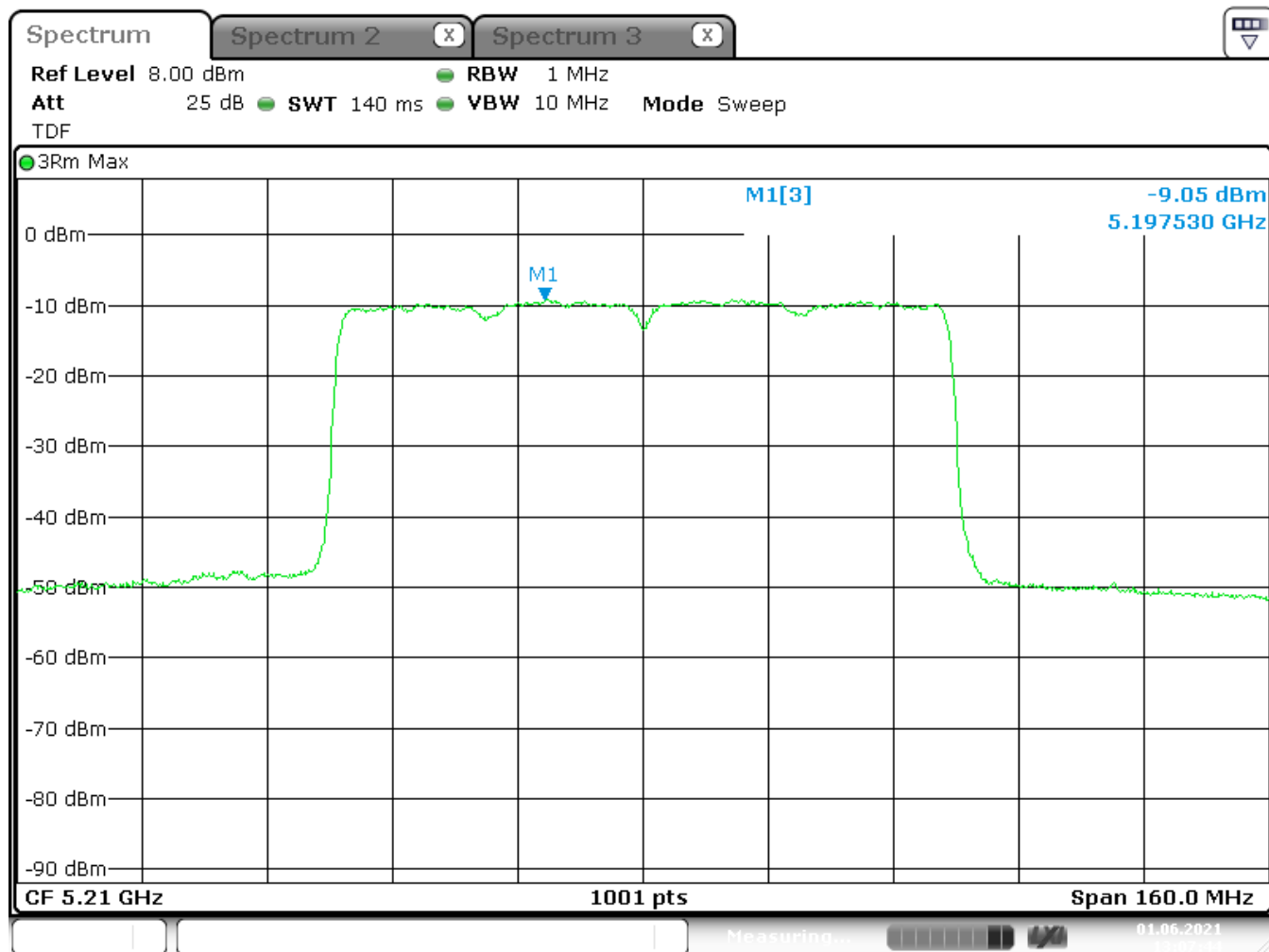
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.1.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 42 (5210 MHz center frequency)



Date: 1 JUN 2021 13:07:44

Power Spectral density: -9,05 dBm @ 5197,530 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
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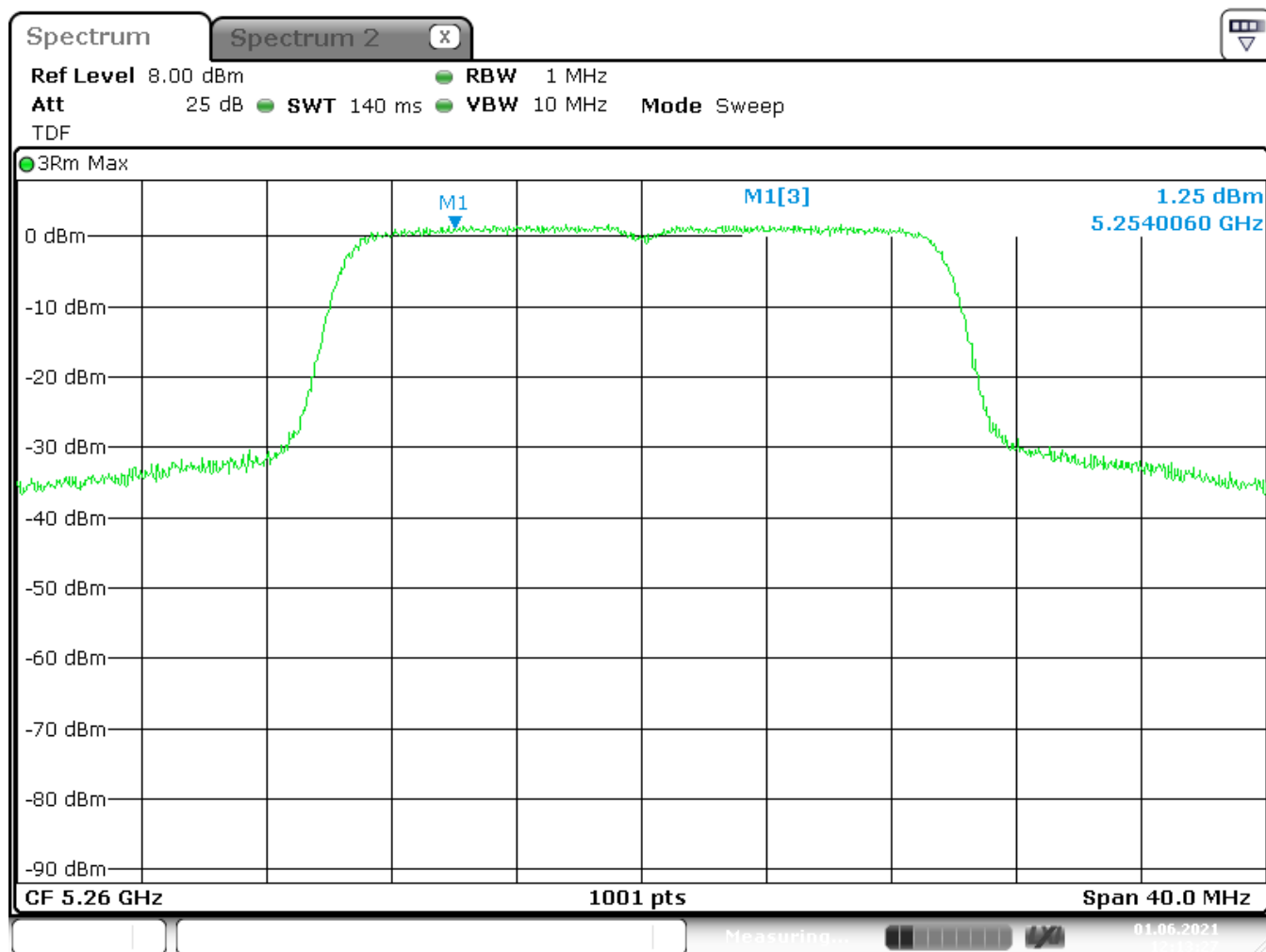
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.2.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 52 (5260 MHz center frequency)



Date: 1 JUN 2021 12:13:28

Power Spectral density: 1,25 dBm @ 5254,0060 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
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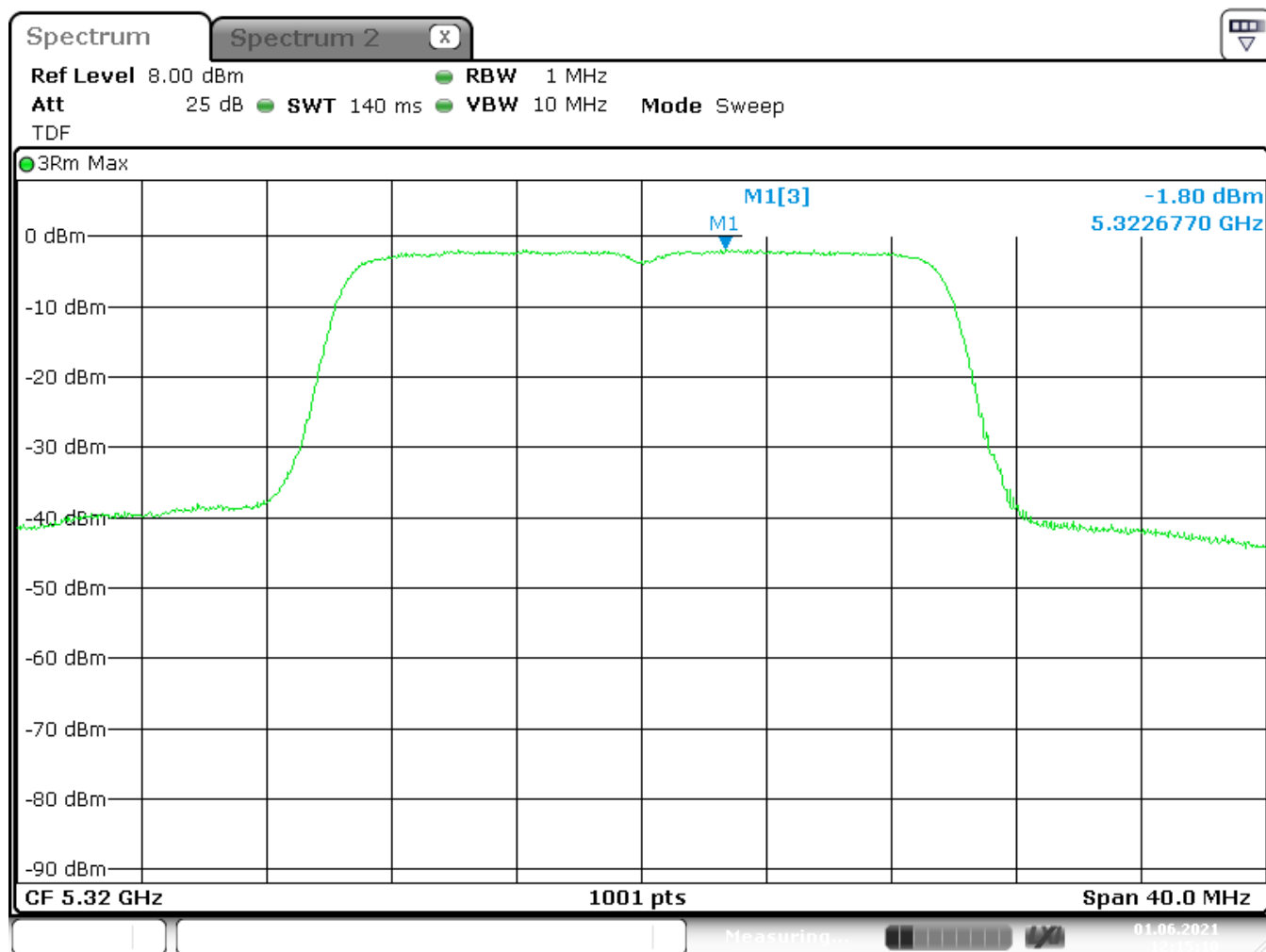
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.2.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 64 (5320 MHz center frequency)



Date: 1 JUN 2021 12:15:10

Power Spectral density: -1,80 dBm @ 5322,677 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
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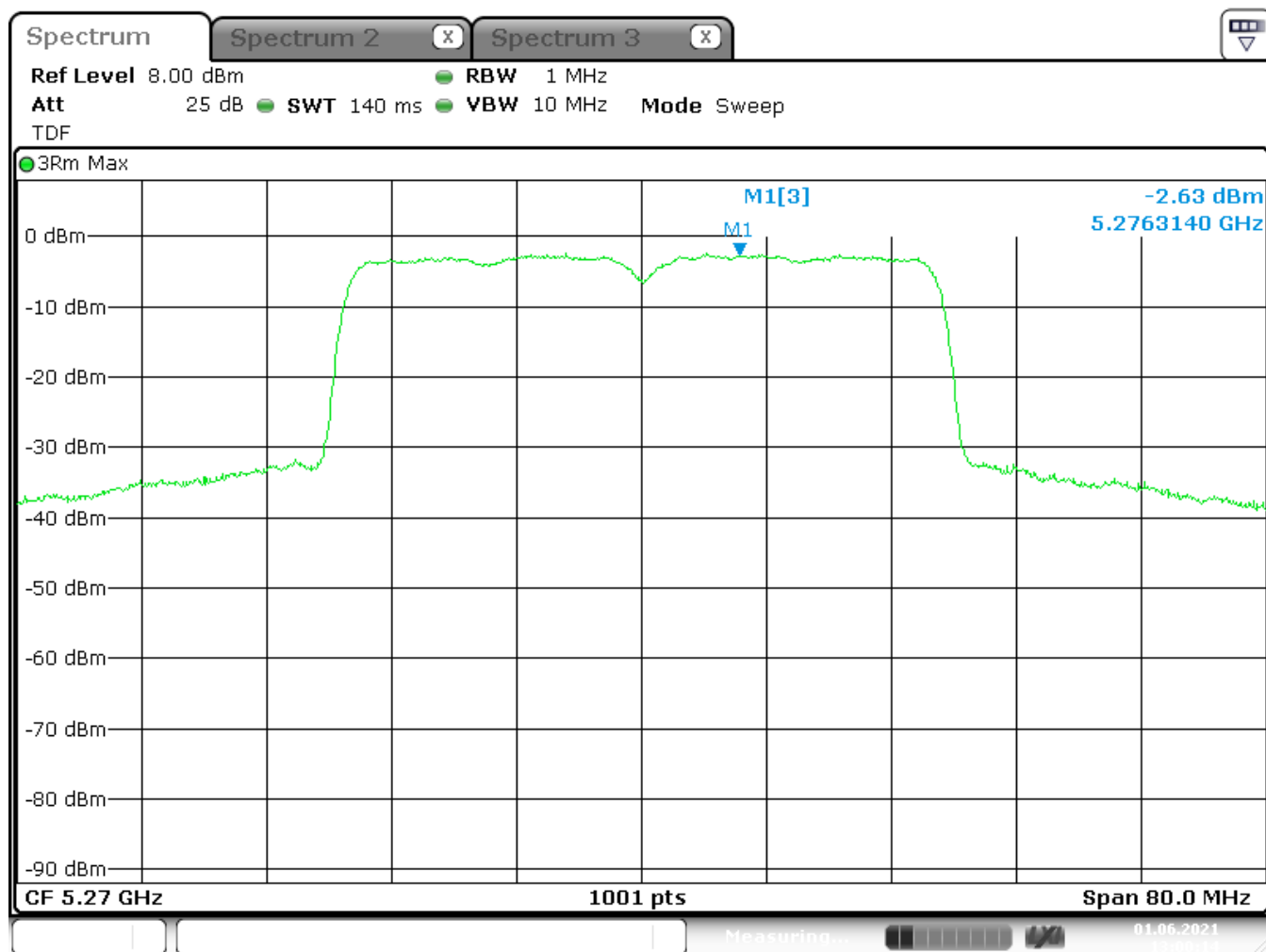
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.2.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 54 (5270 MHz center frequency)



Date: 1 JUN 2021 13:00:14

Power Spectral density: -2,63 dBm @ 5276,3140 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
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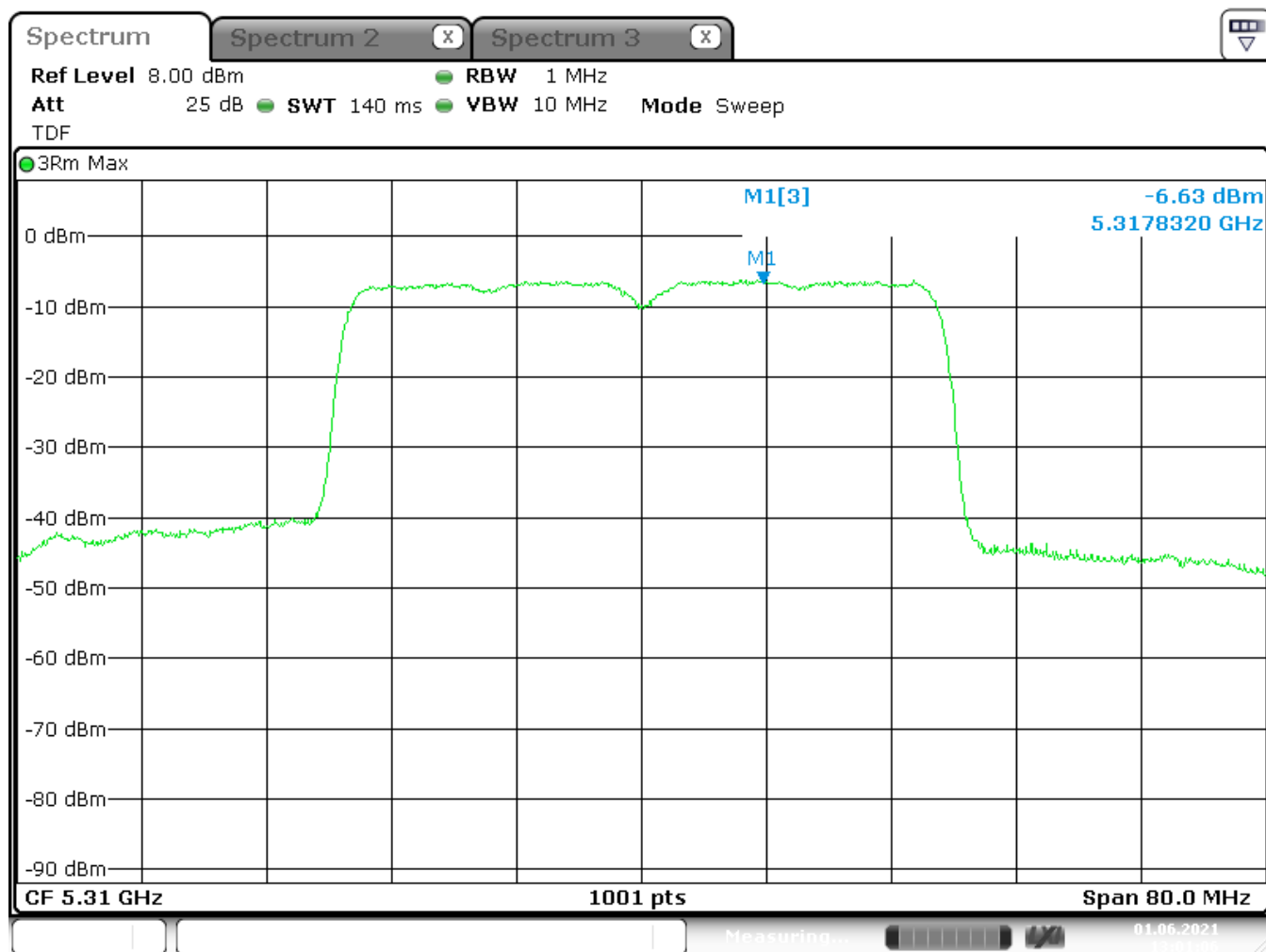
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.2.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 62 (5310 MHz center frequency)



Date: 1 JUN 2021 13:01:06

Power Spectral density: -6,63 dBm @ 5317,8320 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
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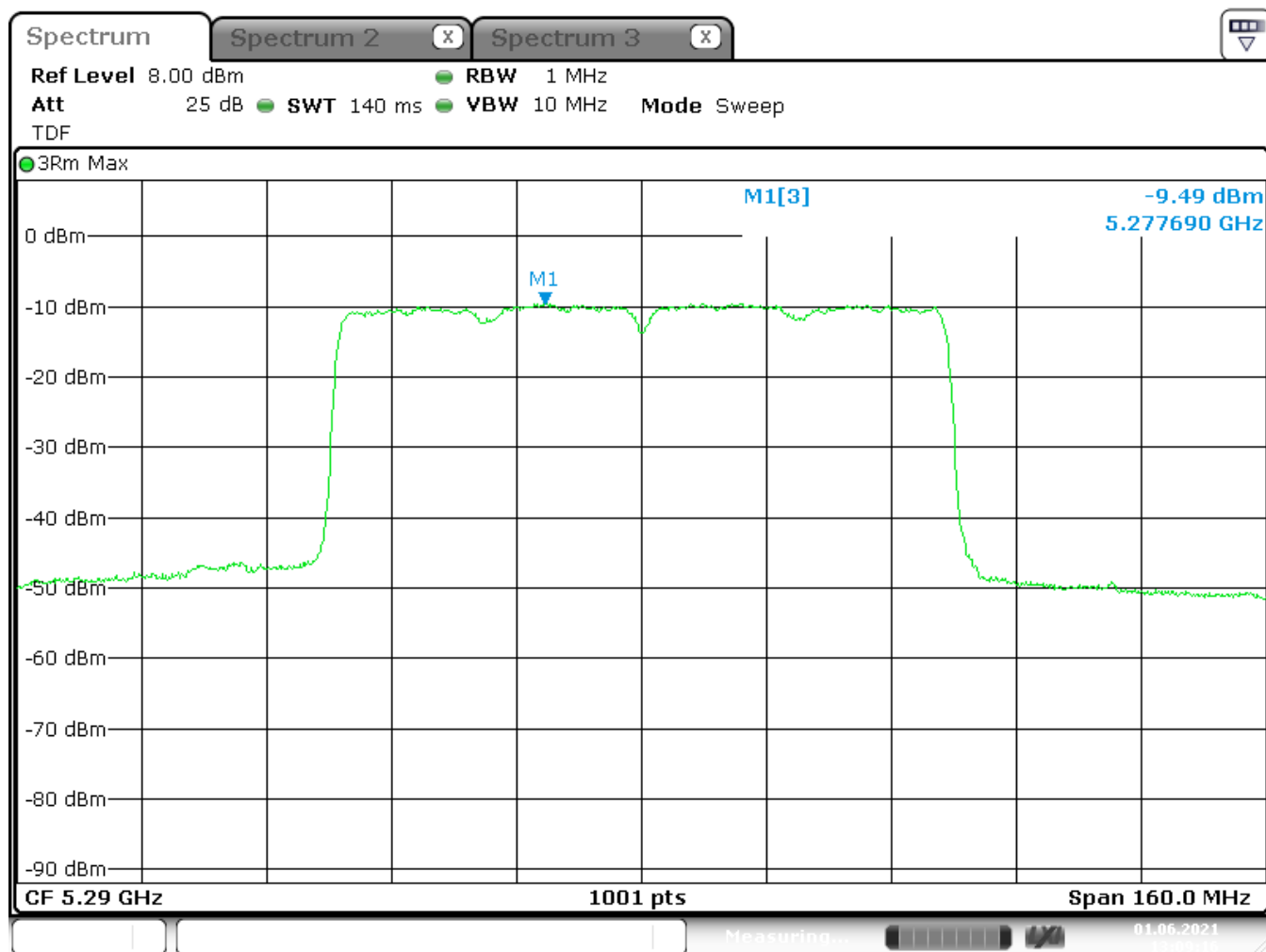
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.2.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 58 (5290 MHz center frequency)



Date: 1 JUN 2021 13:09:16

Power Spectral density: -9,49 dBm @ 5277,690 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
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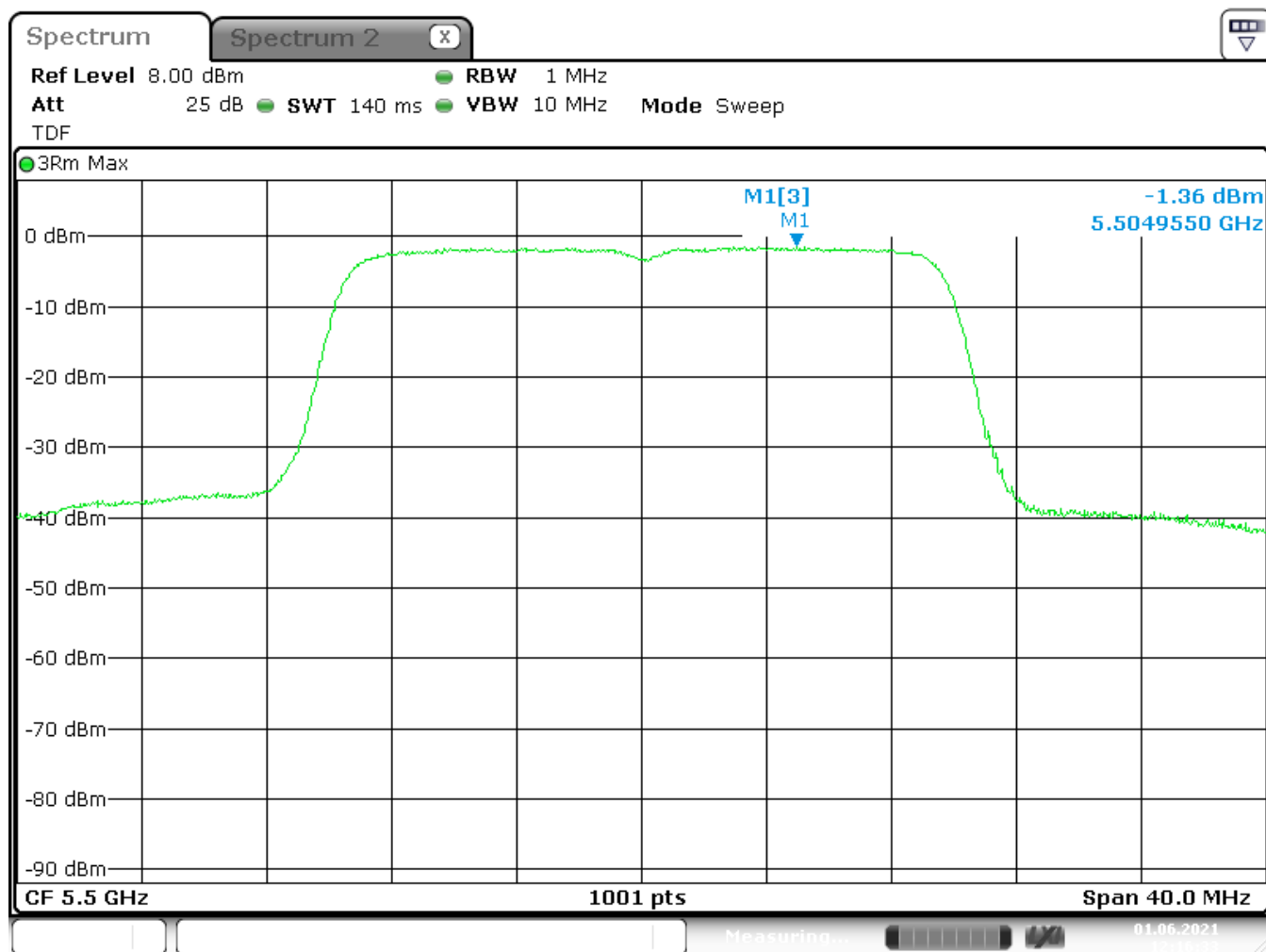
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.3.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 100 (5500 MHz center frequency)



Date: 1 JUN 2021 12:16:33

Power Spectral density: -1,36 dBm @ 5504,9550 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
--	--

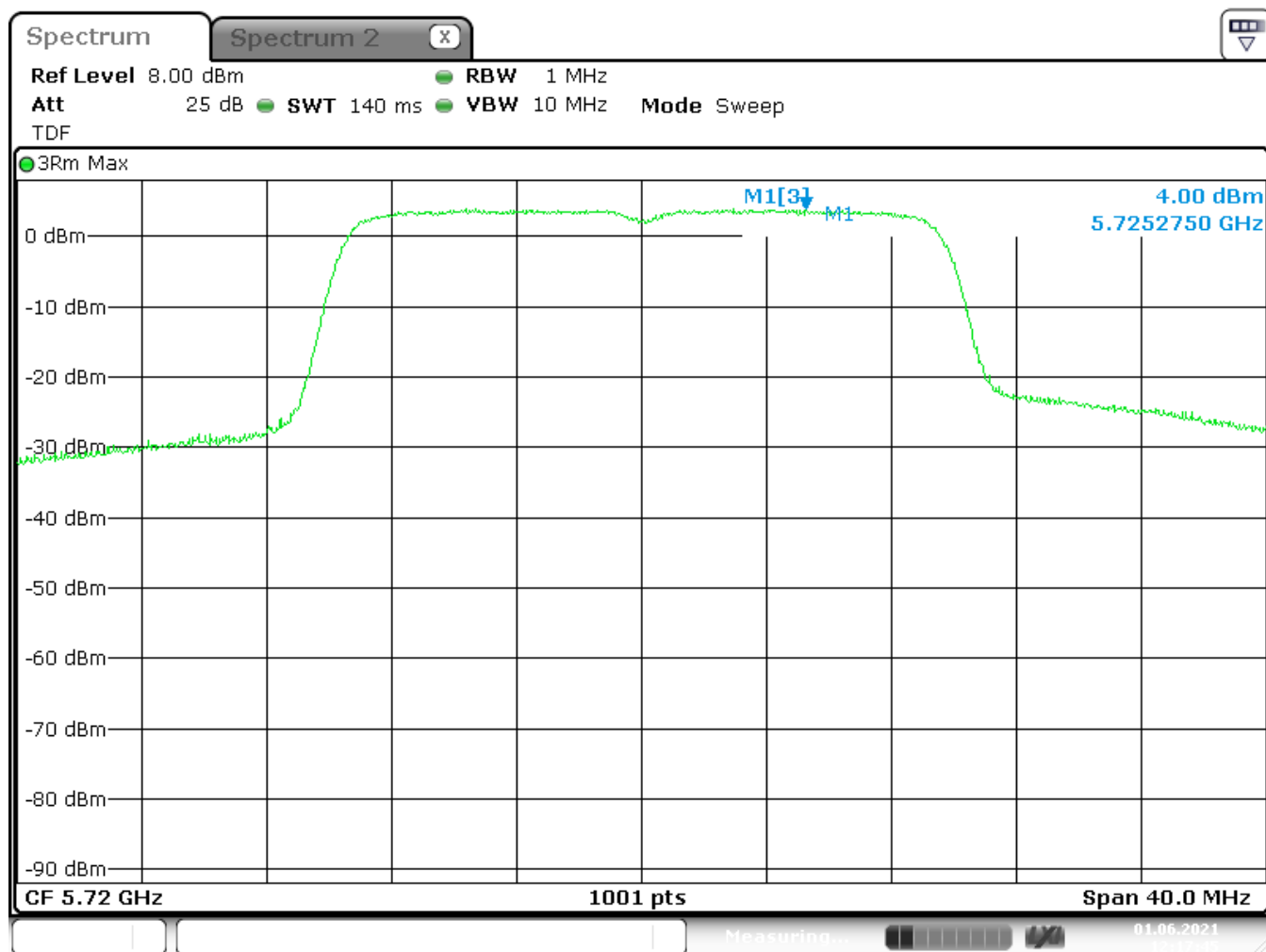
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.3.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 144 (5720 MHz center frequency)



Date: 1 JUN 2021 12:17:45

Power Spectral density: 4,00 dBm @ 5725,2750 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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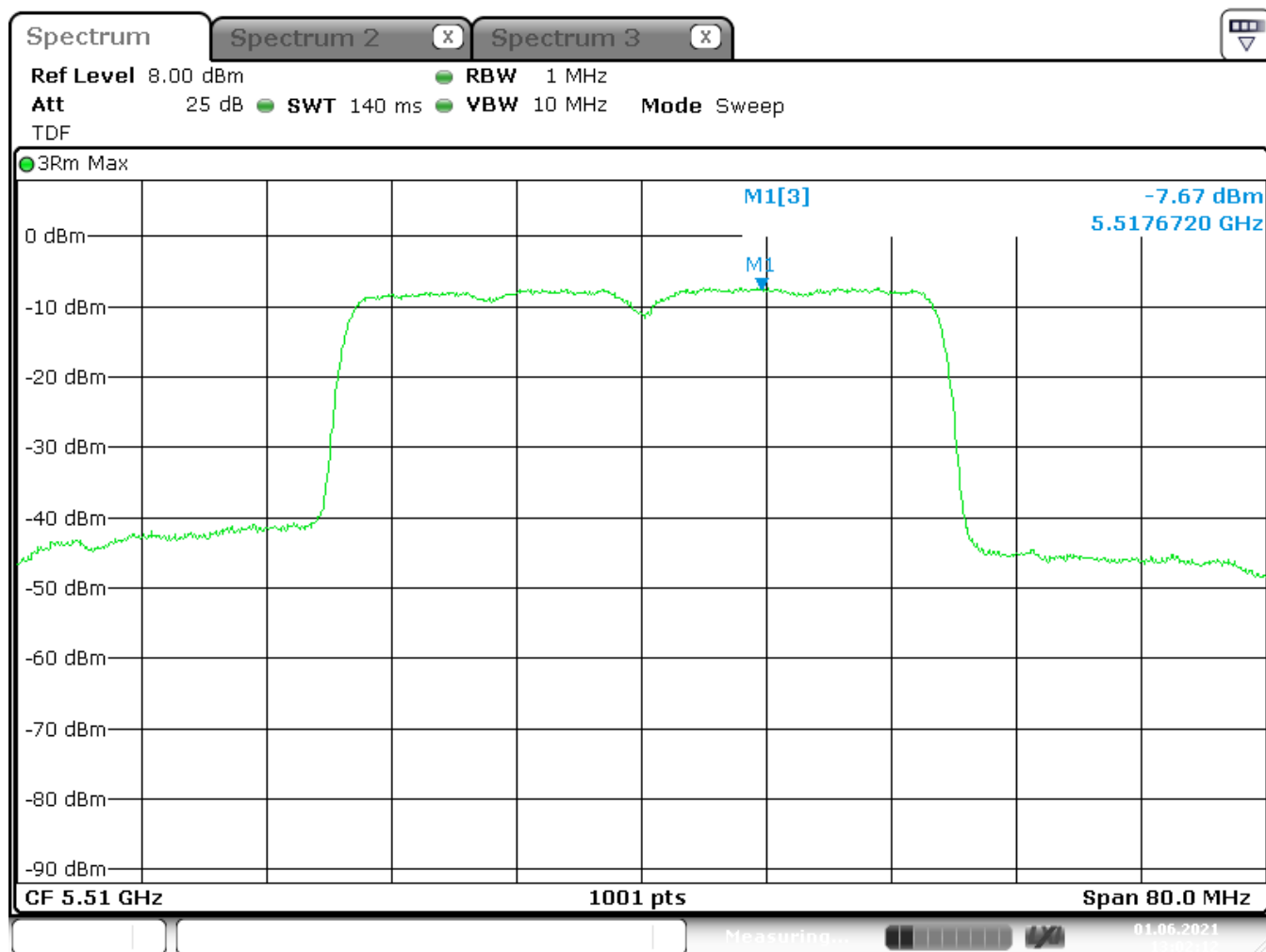
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.3.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 102 (5510 MHz center frequency)



Date: 1 JUN 2021 13:02:12

Power Spectral density: -7,67 dBm @ 5517,6720 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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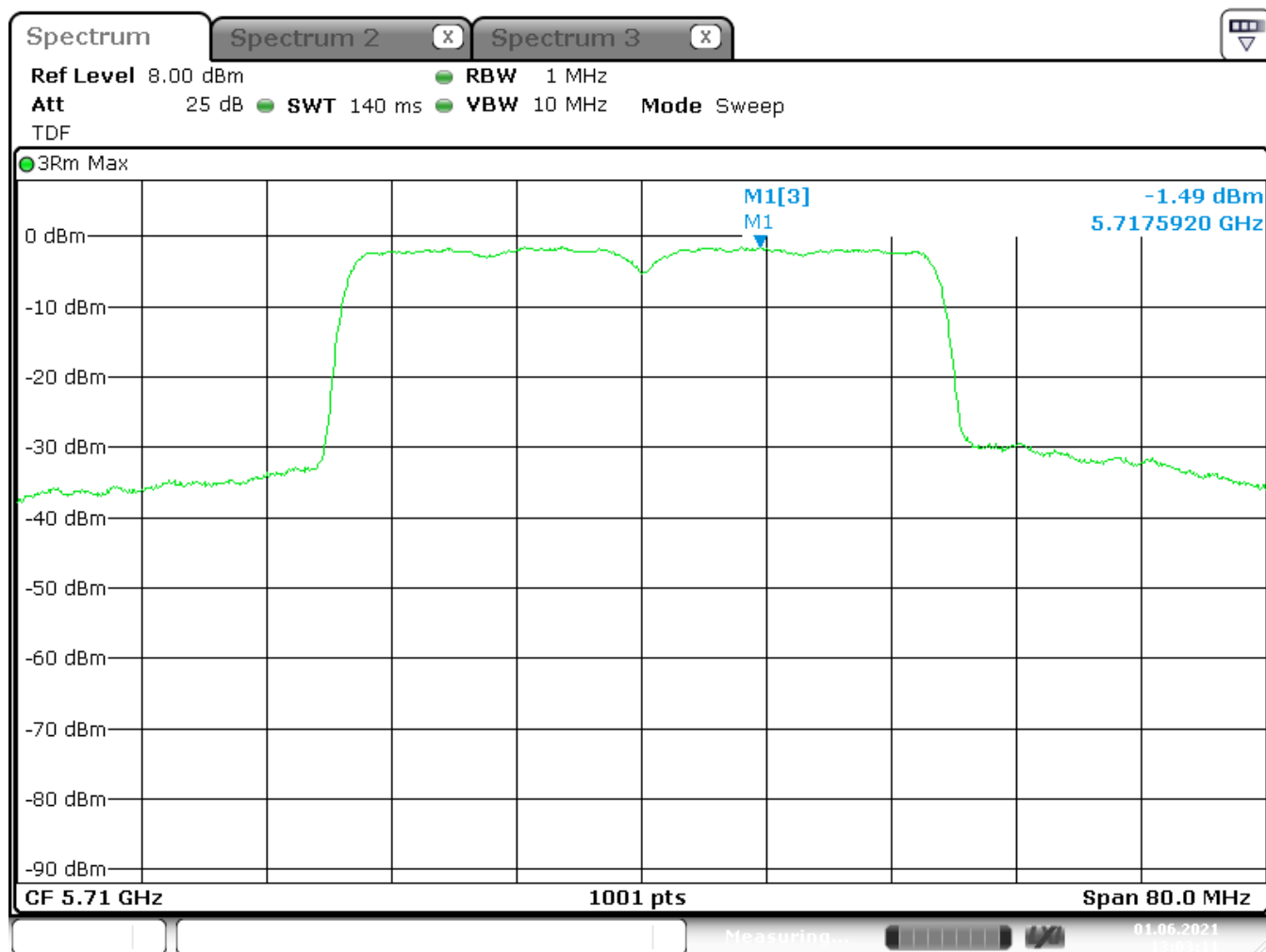
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.3.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 142 (5710 MHz center frequency)



Date: 1 JUN 2021 13:03:11

Power Spectral density: -1,749 dBm @ 5717,5920 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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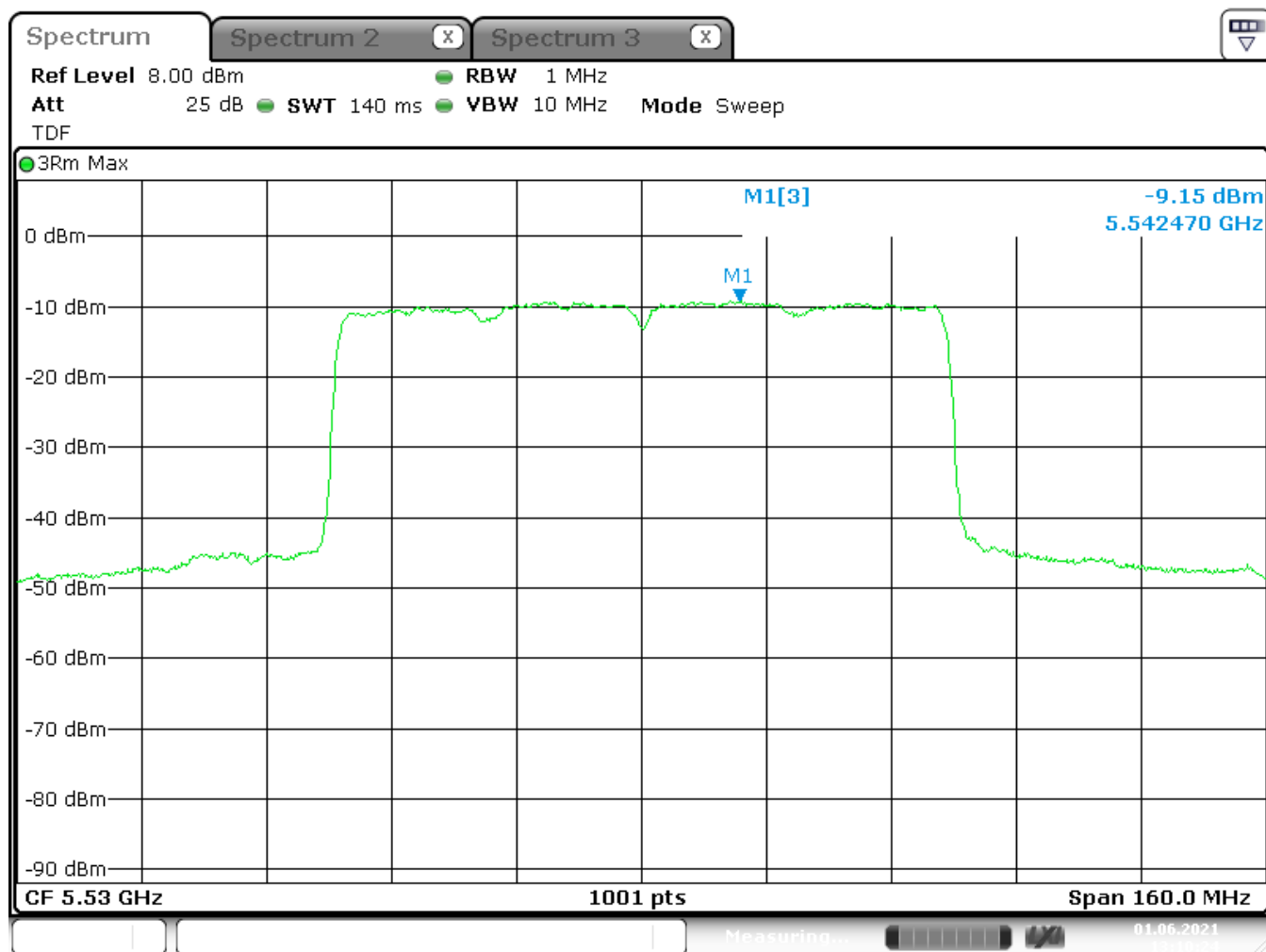
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.3.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 106 (5530 MHz center frequency)



Date: 1 JUN 2021 13:10:24

Power Spectral density: -9,15 dBm @ 5542,470 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
--	--

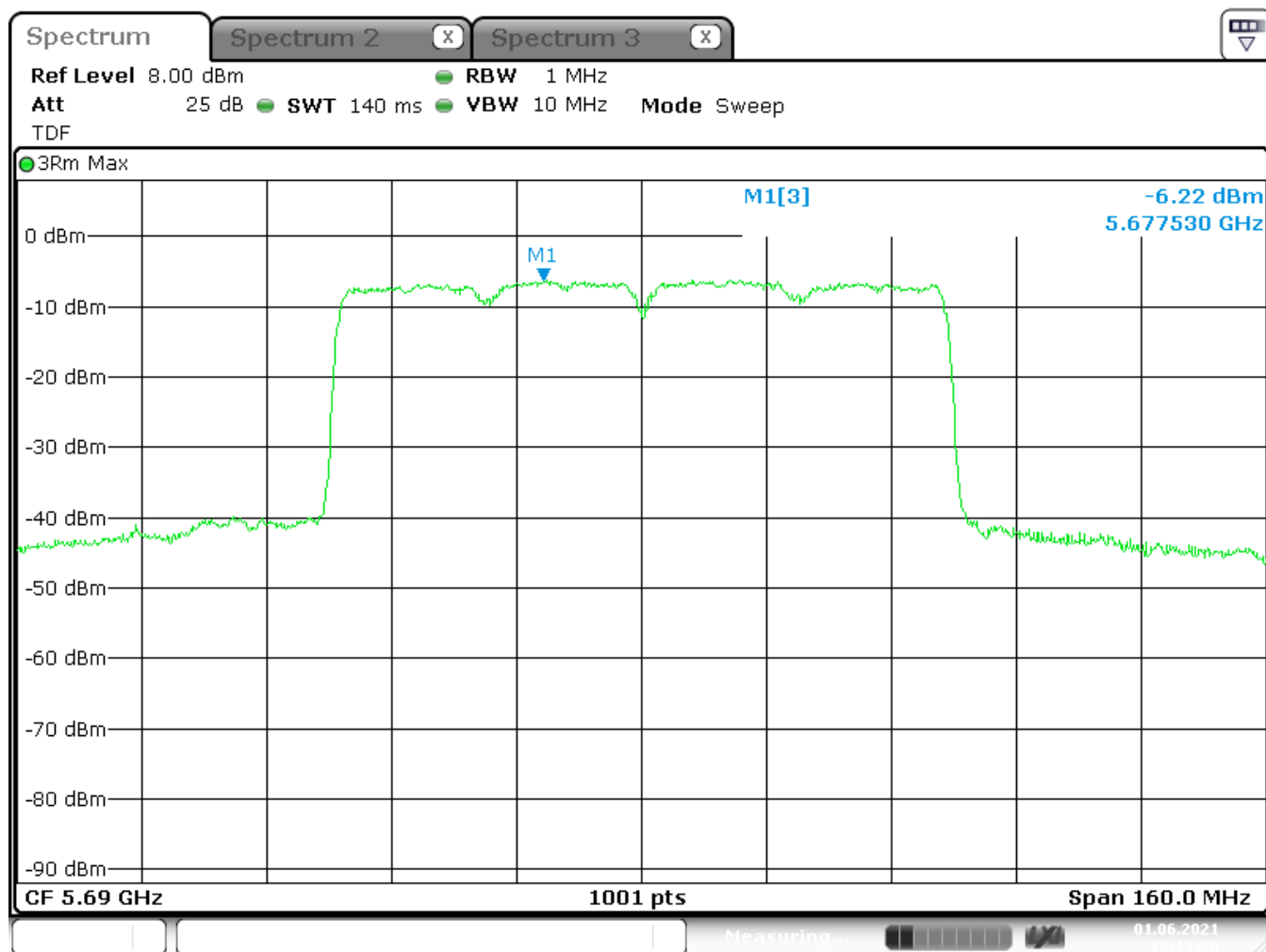
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 138 (5690 MHz center frequency)



Date: 1 JUN 2021 13:11:20

Power Spectral density: -6,22 dBm @ 5677,530 MHz

LIMIT SUBCLAUSE 15.407(a)(2) – 6.2.4.1

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
--	--

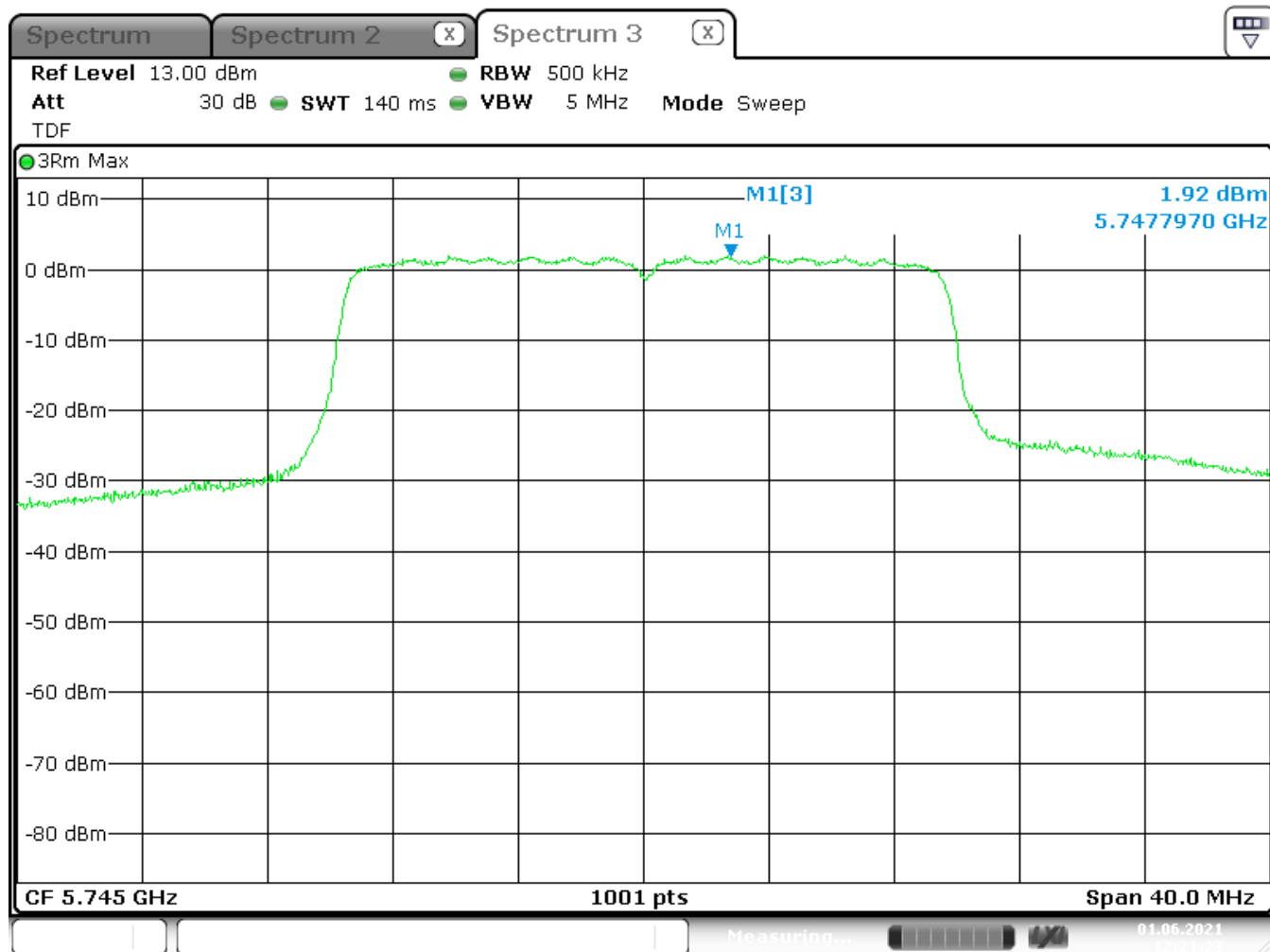
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 149 (5745 MHz center frequency)



Date: 1 JUN 2021 12:21:23

Power Spectral density: 1,92 dBm @ 5747,7970 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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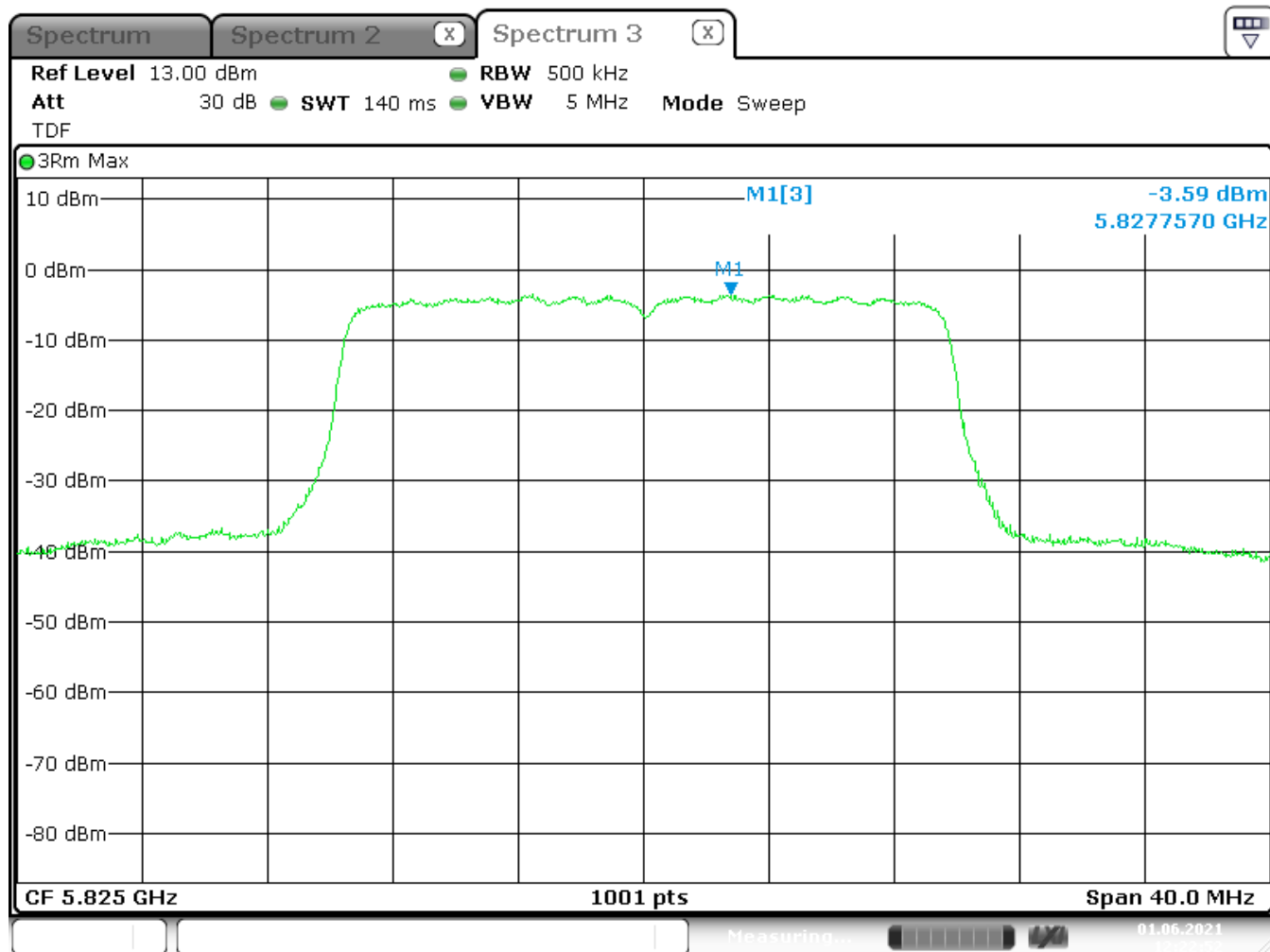
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 165 (5825 MHz center frequency)



Date: 1 JUN 2021 12:22:53

Power Spectral density: -3,59 dBm @ 5827,7570 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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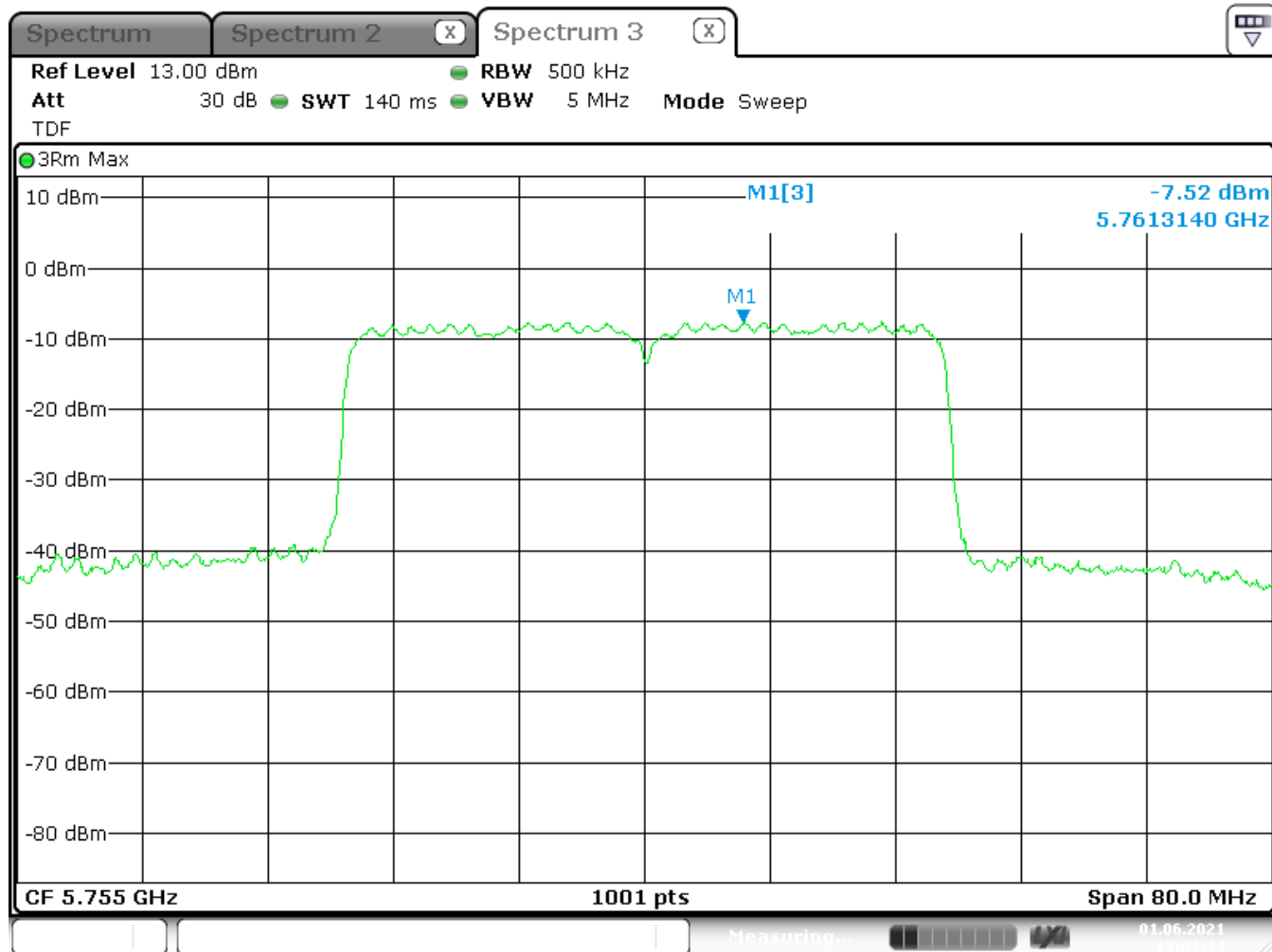
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 151 (5755 MHz center frequency)



Date: 1 JUN 2021 13:04:45

Power Spectral density: -7,52 dBm @ 5761,3140 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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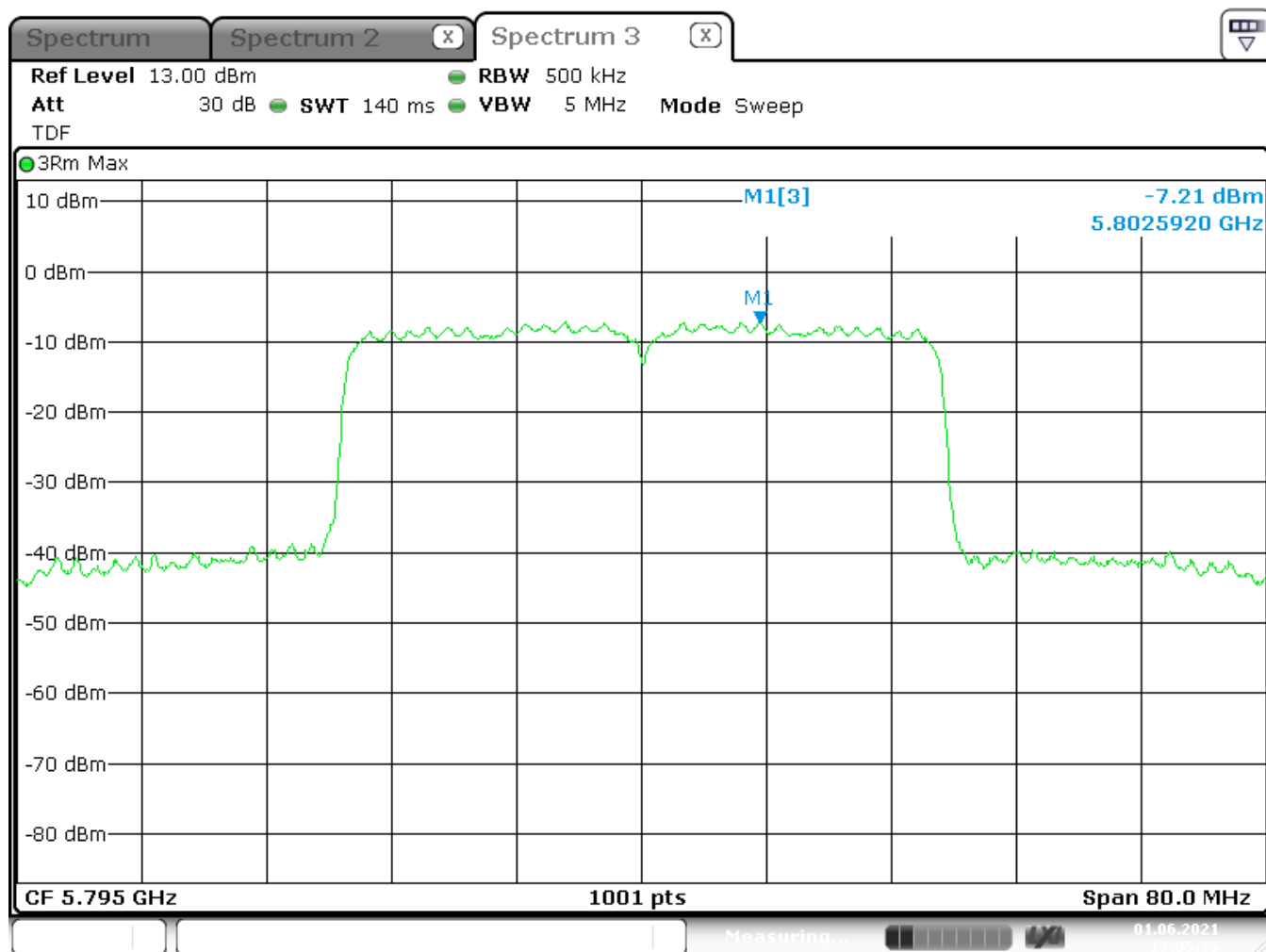
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 159 (5795 MHz center frequency)



Date: 1 JUN 2021 13:05:35

Power Spectral density: -7,21 dBm @ 5802,5920 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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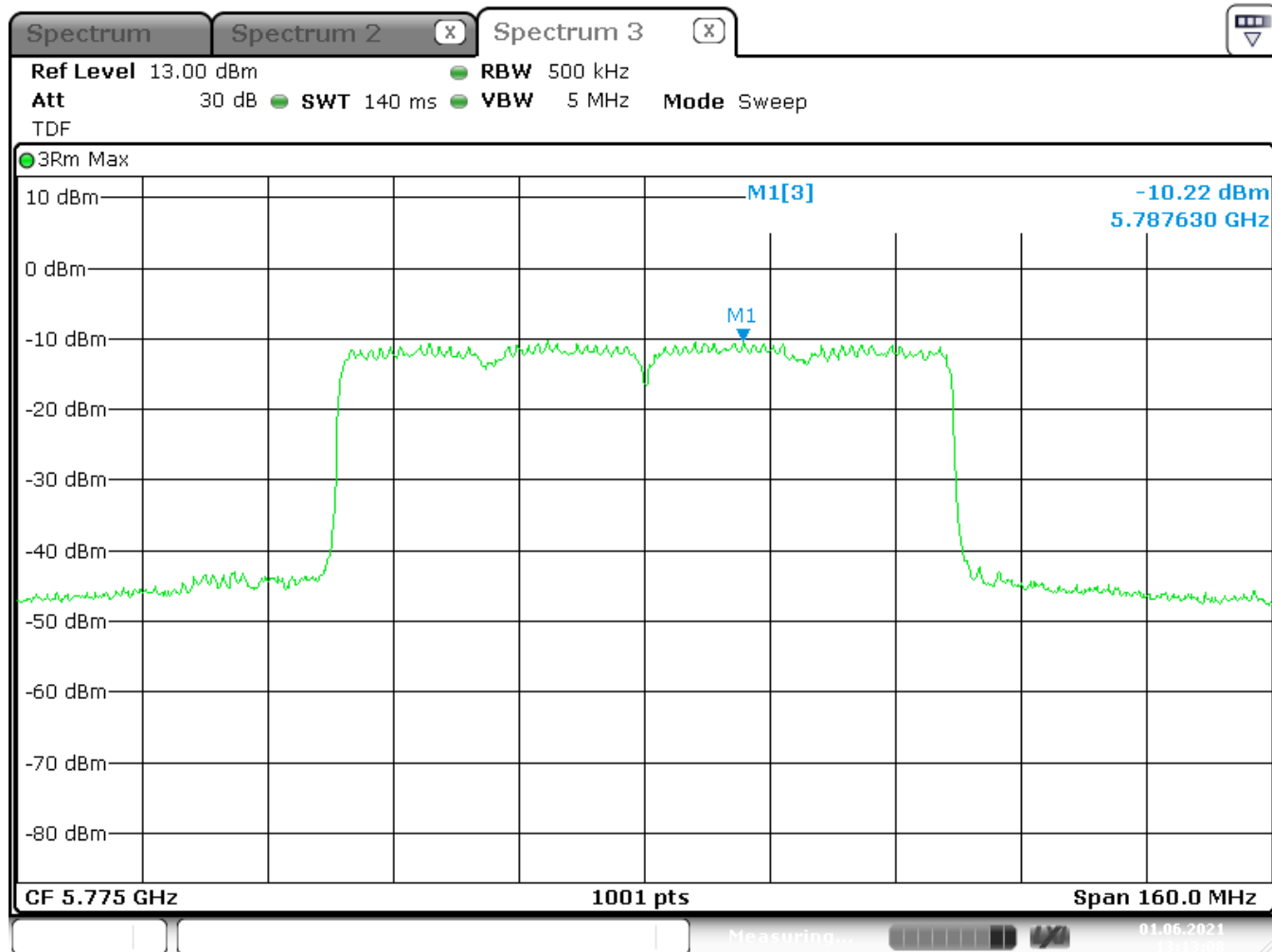
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Channel 155 (5775 MHz center frequency)



Date: 1 JUN 2021 13:13:08

Power Spectral density: -10,22 dBm @ 5787,630 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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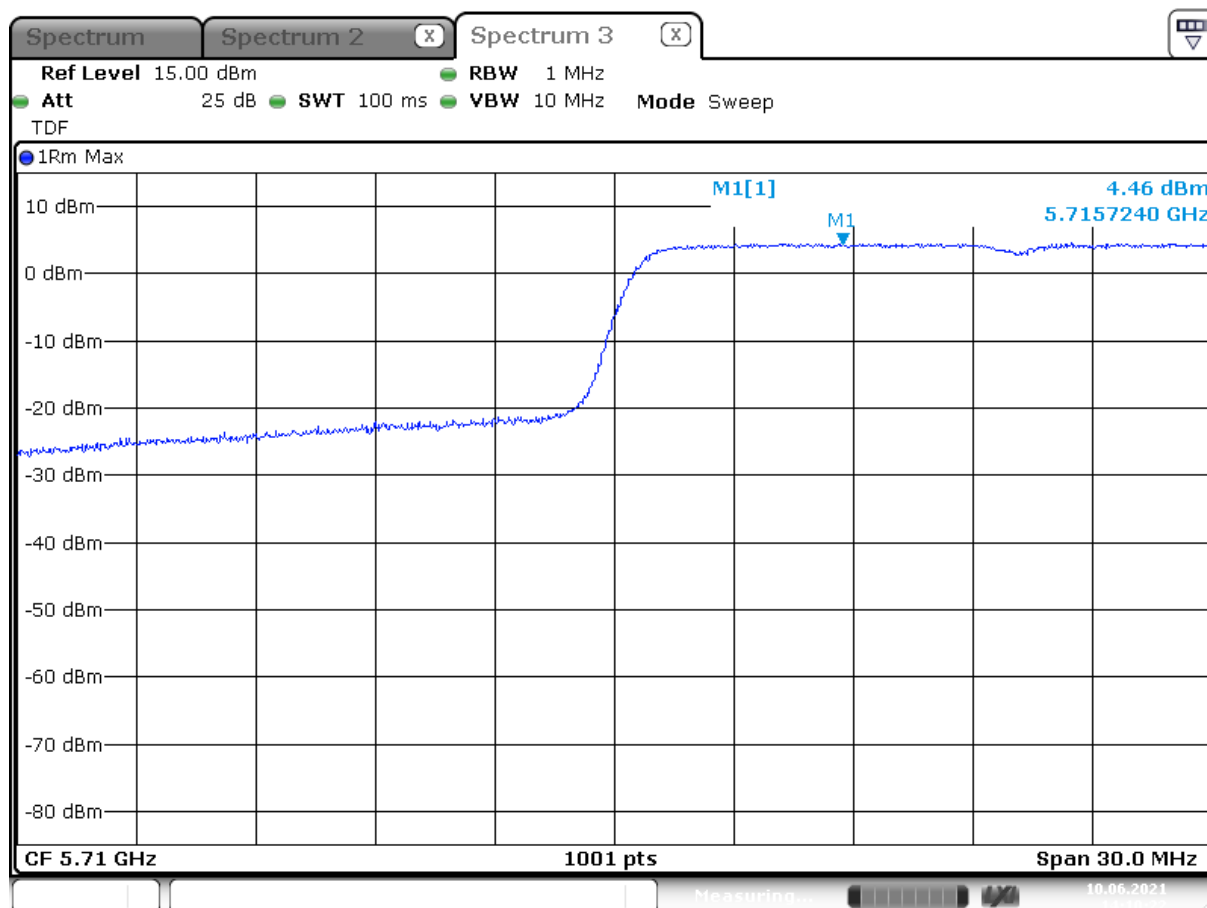
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Straddle Channel 144 (5720 MHz center frequency)



Date: 10 JUN 2021 14:10:22

Power Spectral density: 4,46 dBm @ 5,71572 MHz

LIMIT SUBCLAUSE 15.407(a)(2) – 6.2.4.1

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

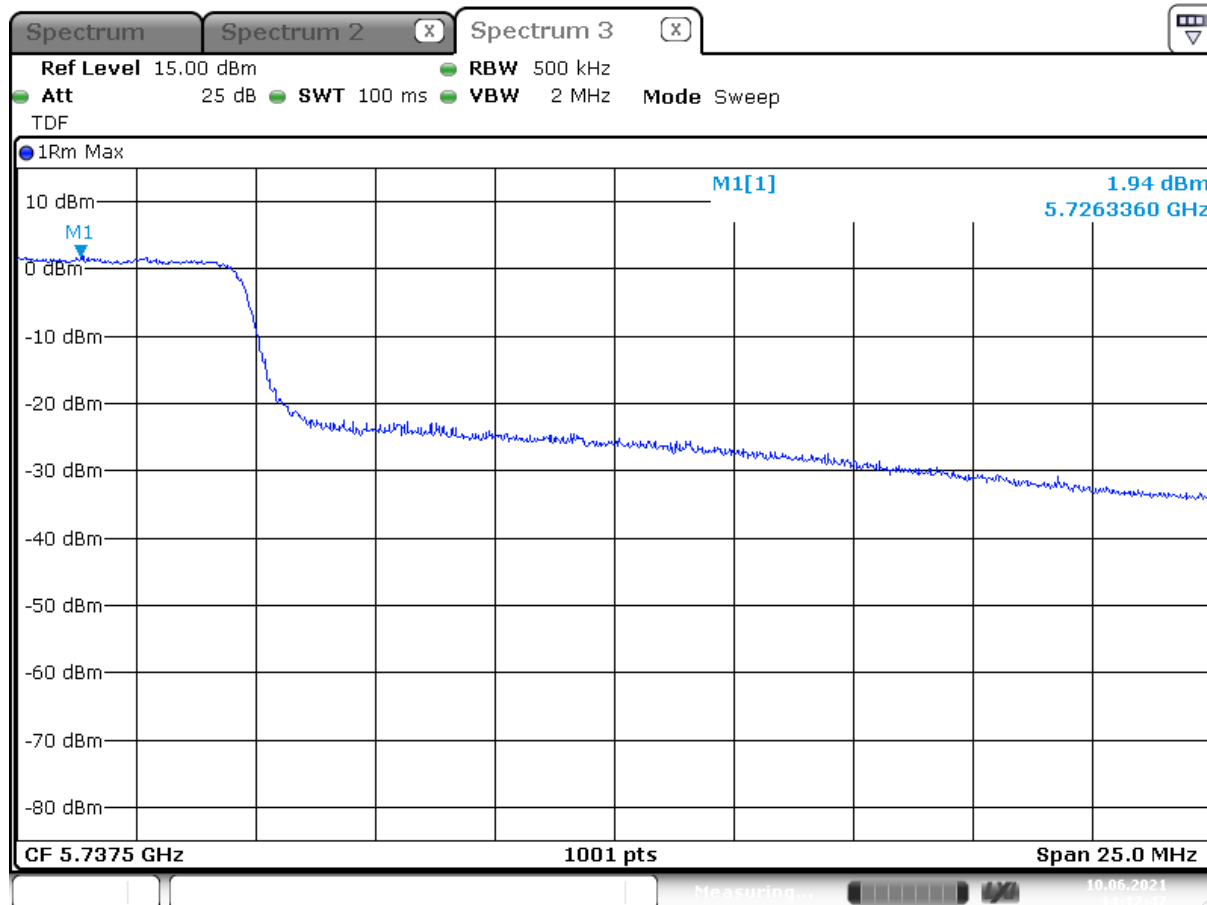
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Straddle Channel 144 (5720 MHz center frequency)



Date: 10 JUN 2021 14:12:47

Power Spectral density: 1,94 dBm @ 5726,3360 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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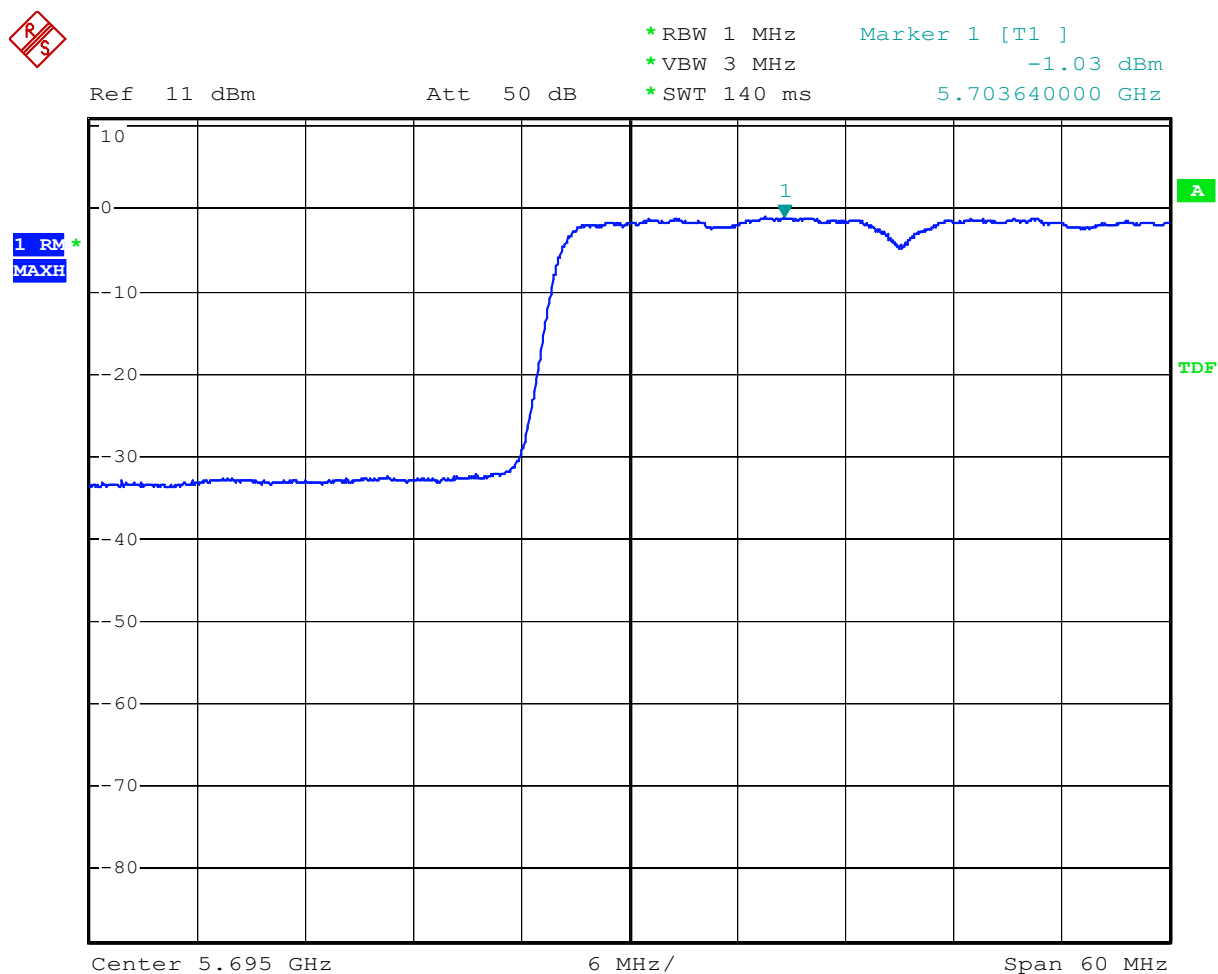
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Straddle Channel 142 (5710 MHz center frequency)



Date: 2.JUN.2021 10:21:56

Power Spectral density: -1,02 dBm @ 5,70364 MHz

LIMIT SUBCLAUSE 15.407(a)(2) – 6.2.4.1

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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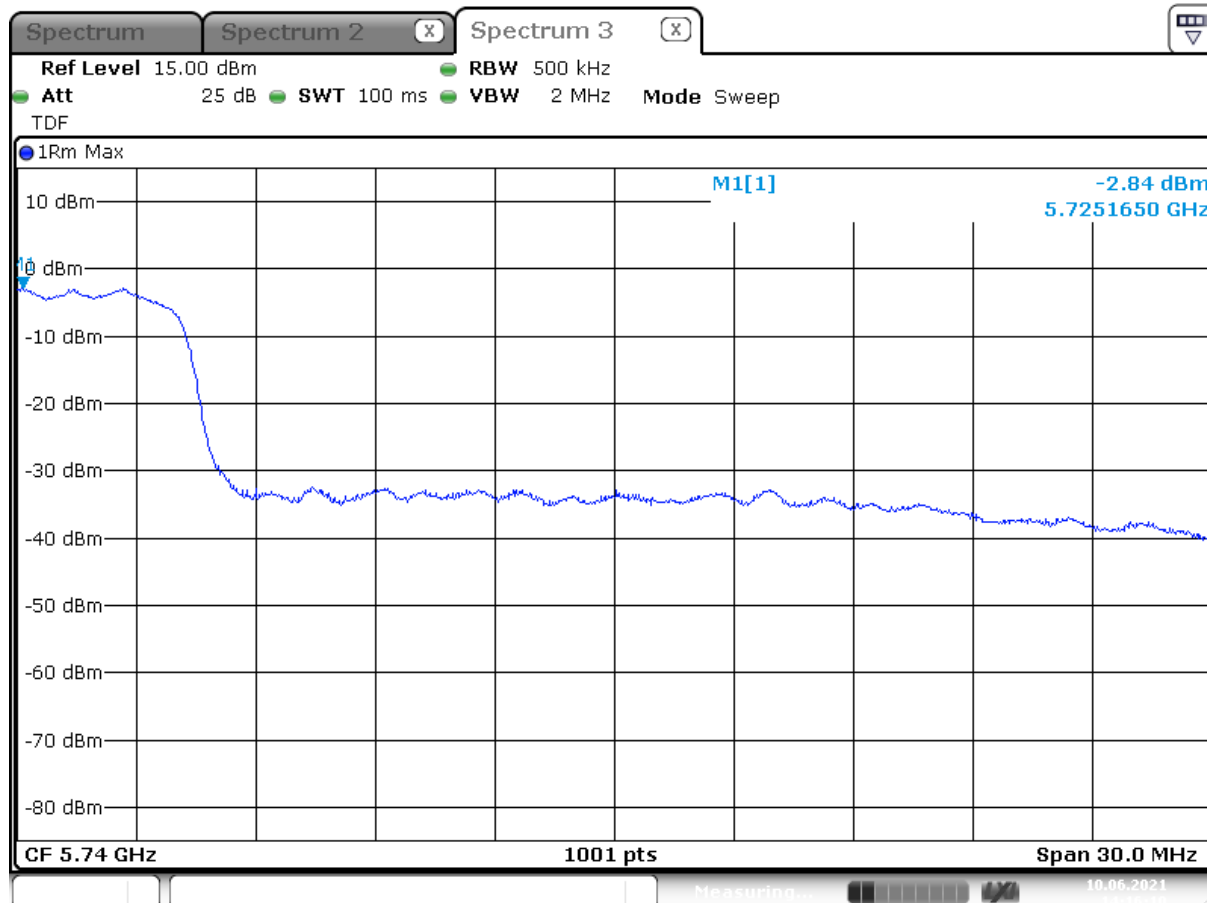
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Straddle Channel 142 (5710 MHz center frequency)



Date: 10 JUN 2021 14:16:11

Power Spectral density: -2,84 dBm @ 5725,165 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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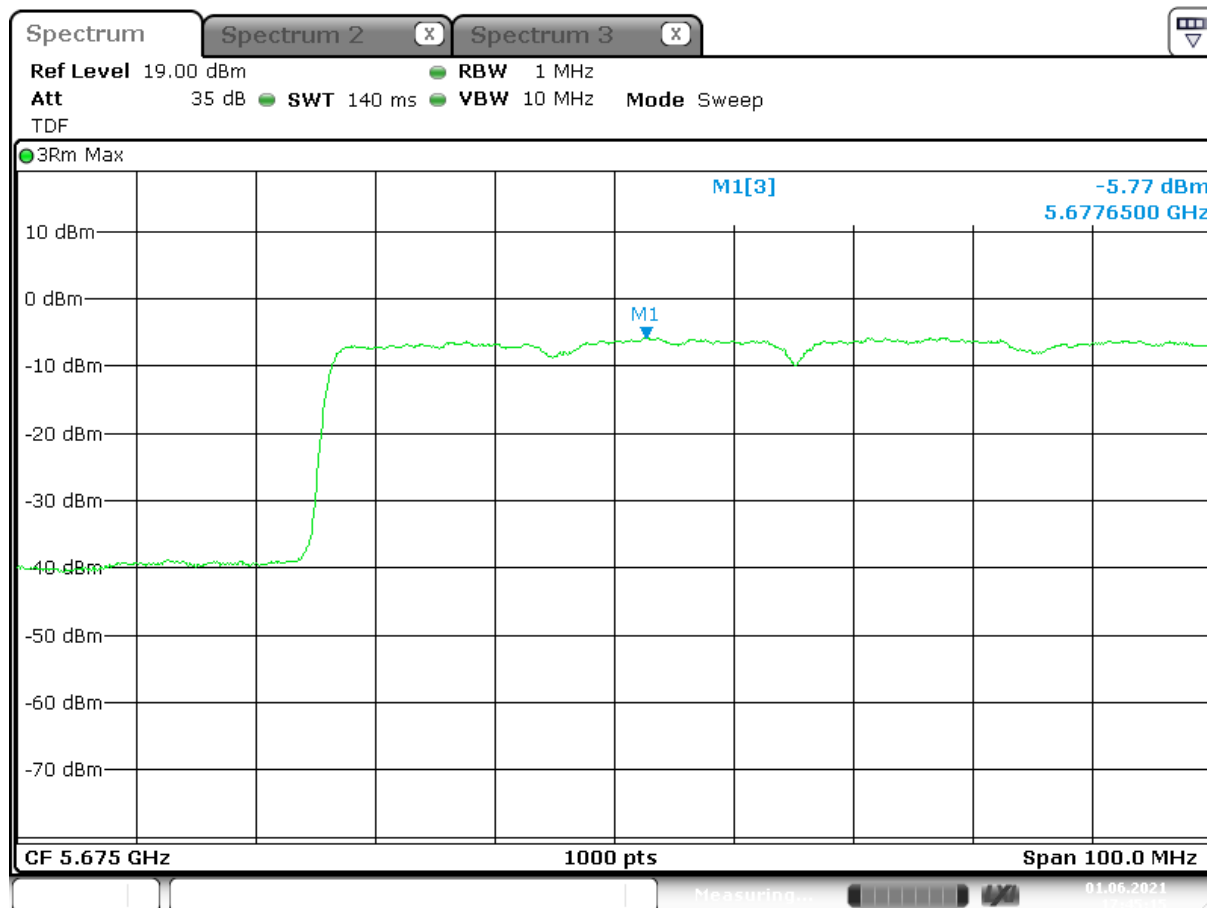
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Straddle Channel 138 (5690 MHz center frequency)



Date: 1 JUN 2021 17:45:16

Power Spectral density: -5,77 dBm @ 56776,5 MHz

LIMIT SUBCLAUSE 15.407(a)(2) – 6.2.4.1

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

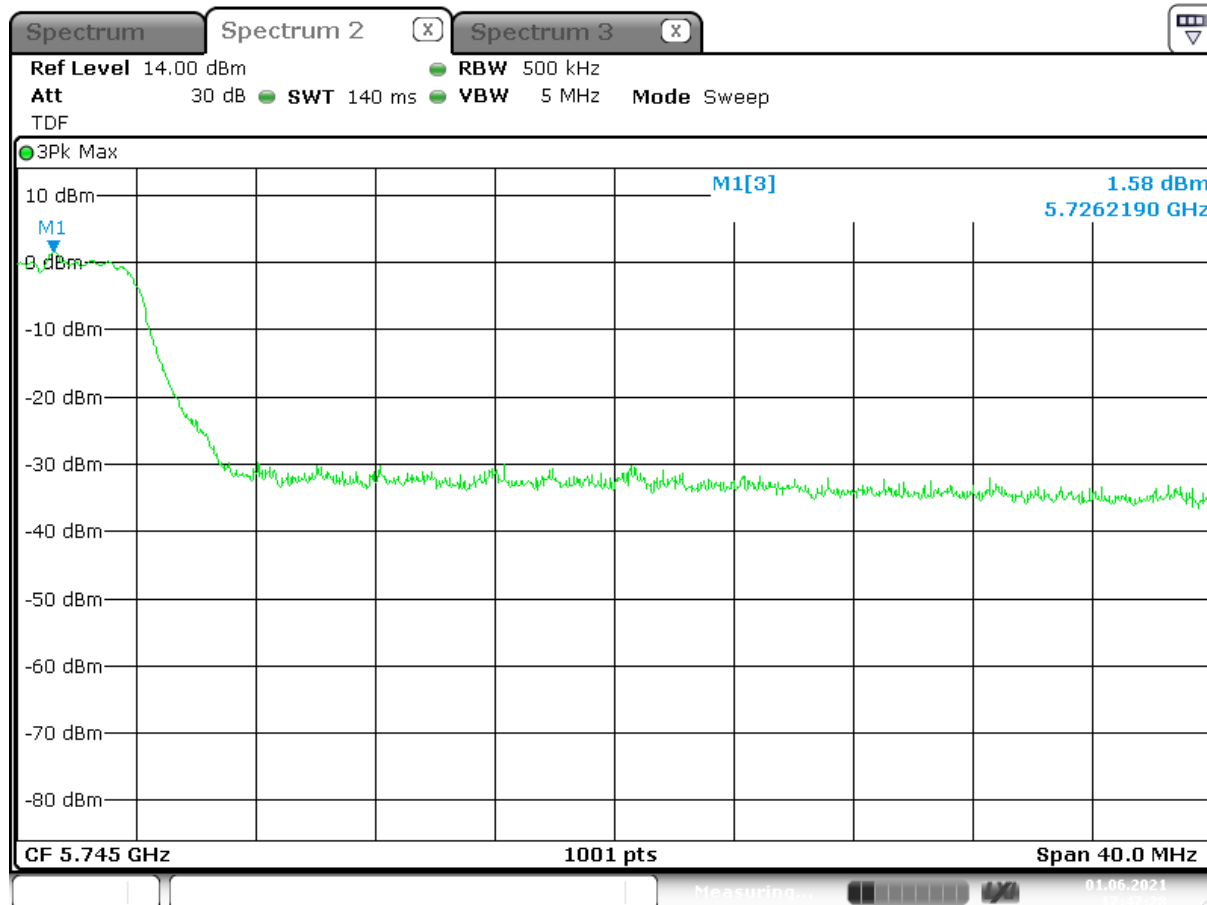
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 1

Rated output power: 32,35 mW Straddle Channel 138 (5690 MHz center frequency)



Date: 1 JUN 2021 17:47:29

Power Spectral density: 1,58 dBm @ 5726,219 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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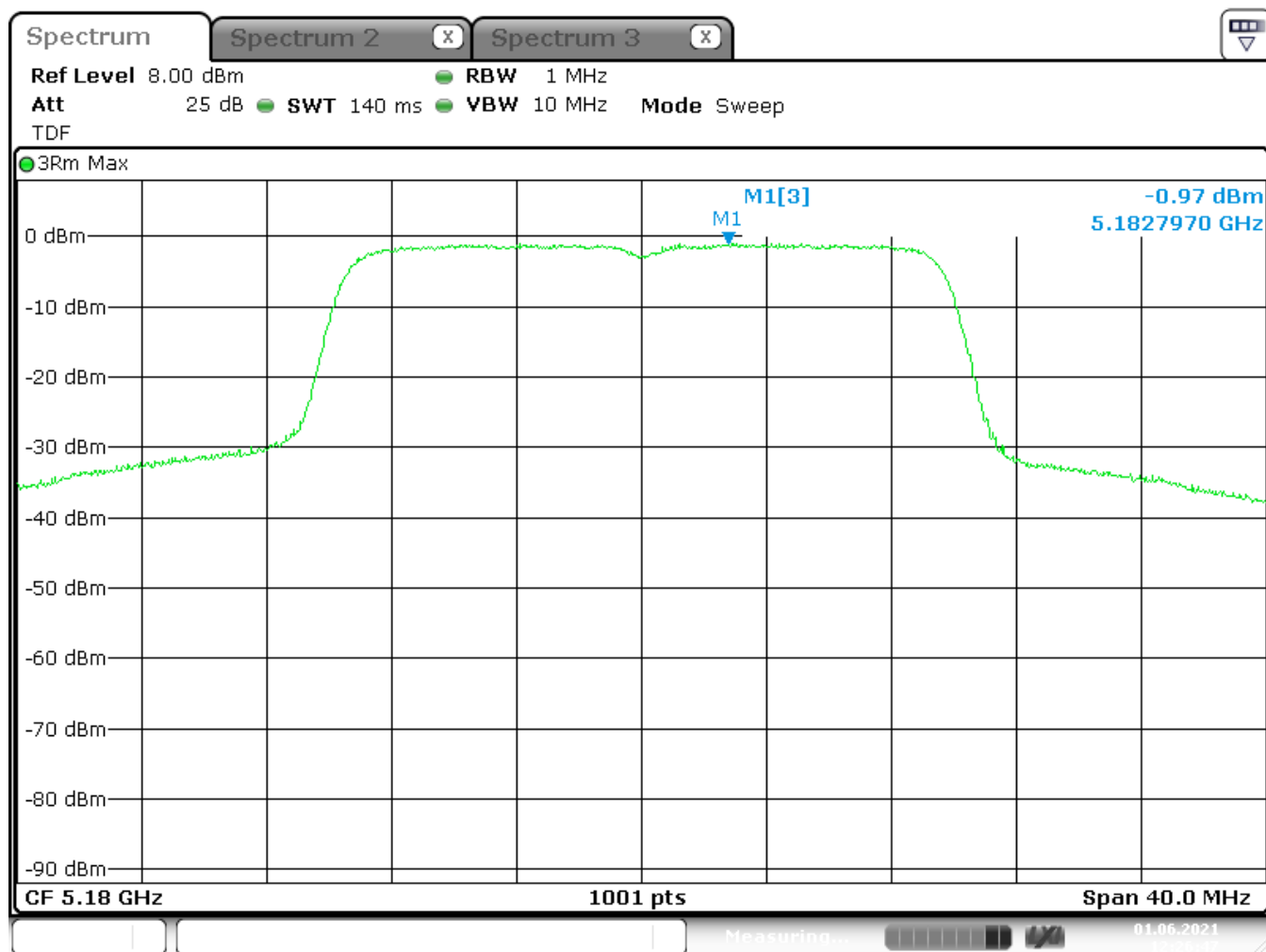
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.1.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 36 (5180 MHz center frequency)



Date: 1 JUN 2021 12:26:48

Power Spectral density: -0,97 dBm @ 5182,7970 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
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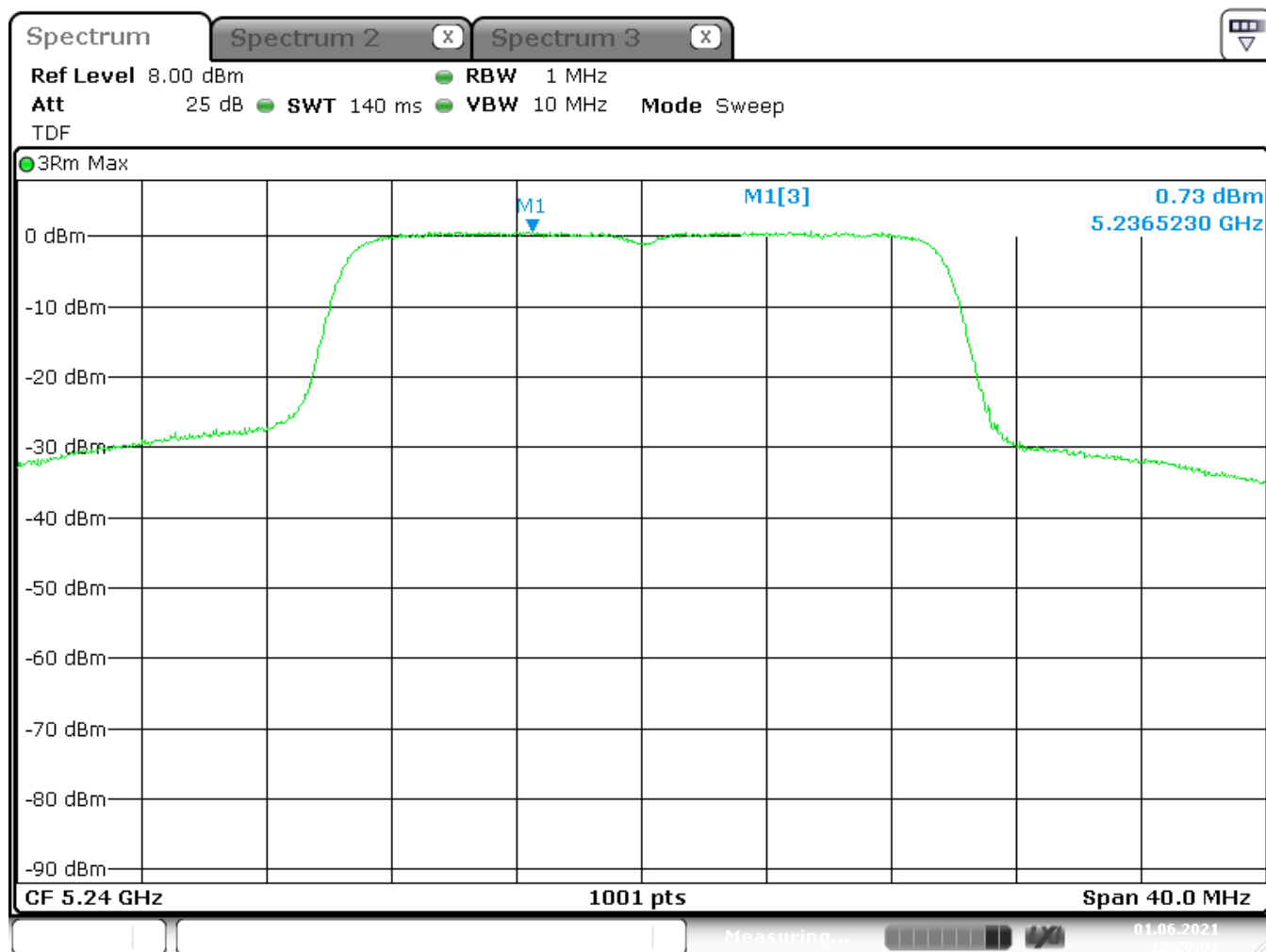
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.1.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 48 (5240 MHz center frequency)



Date: 1 JUN 2021 12:28:04

Power Spectral density: 0,73 dBm @ 5236,5230 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
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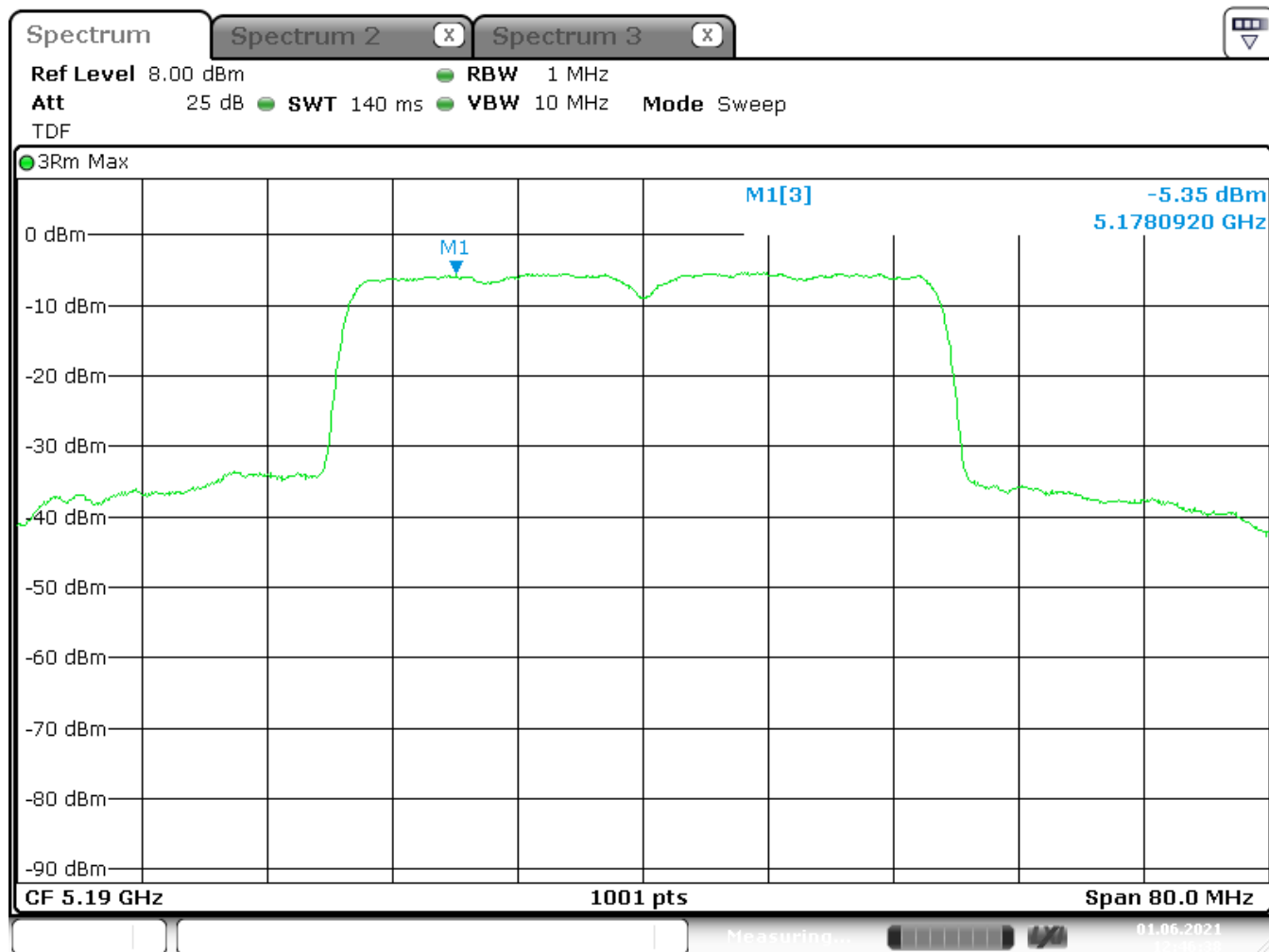
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.1.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 38 (5190 MHz center frequency)



Date: 1 JUN 2021 12:46:38

Power Spectral density: -5,35 dBm @ 5178,0920 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
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Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.1.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 46 (5230 MHz center frequency)



Date: 1 JUN 2021 12:47:37

Power Spectral density: -2,09 dBm @ 5236,3140 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
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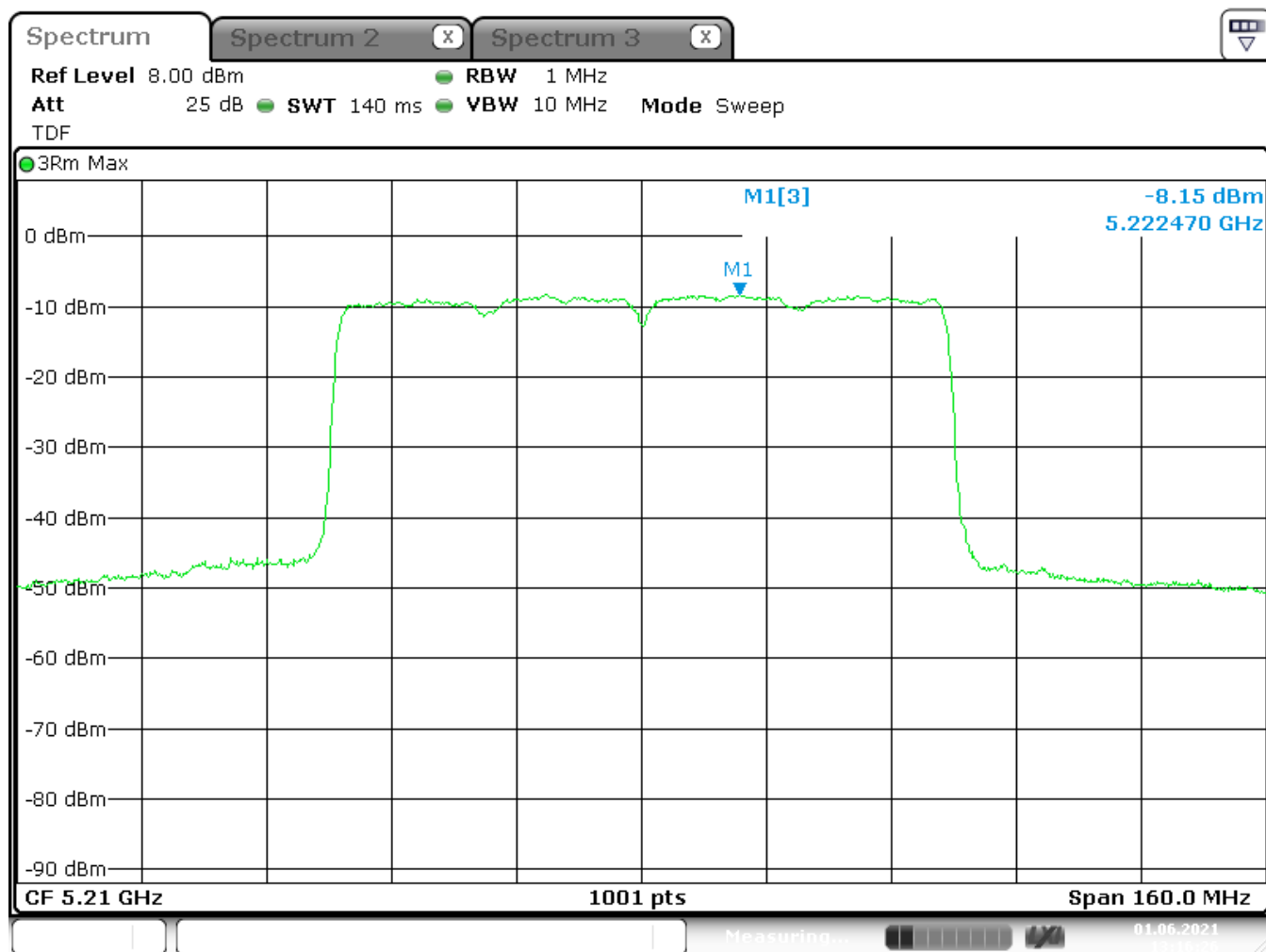
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.1.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 42 (5210 MHz center frequency)



Date: 1 JUN 2021 13:16:26

Power Spectral density: -8,15 dBm @ 5222,470 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
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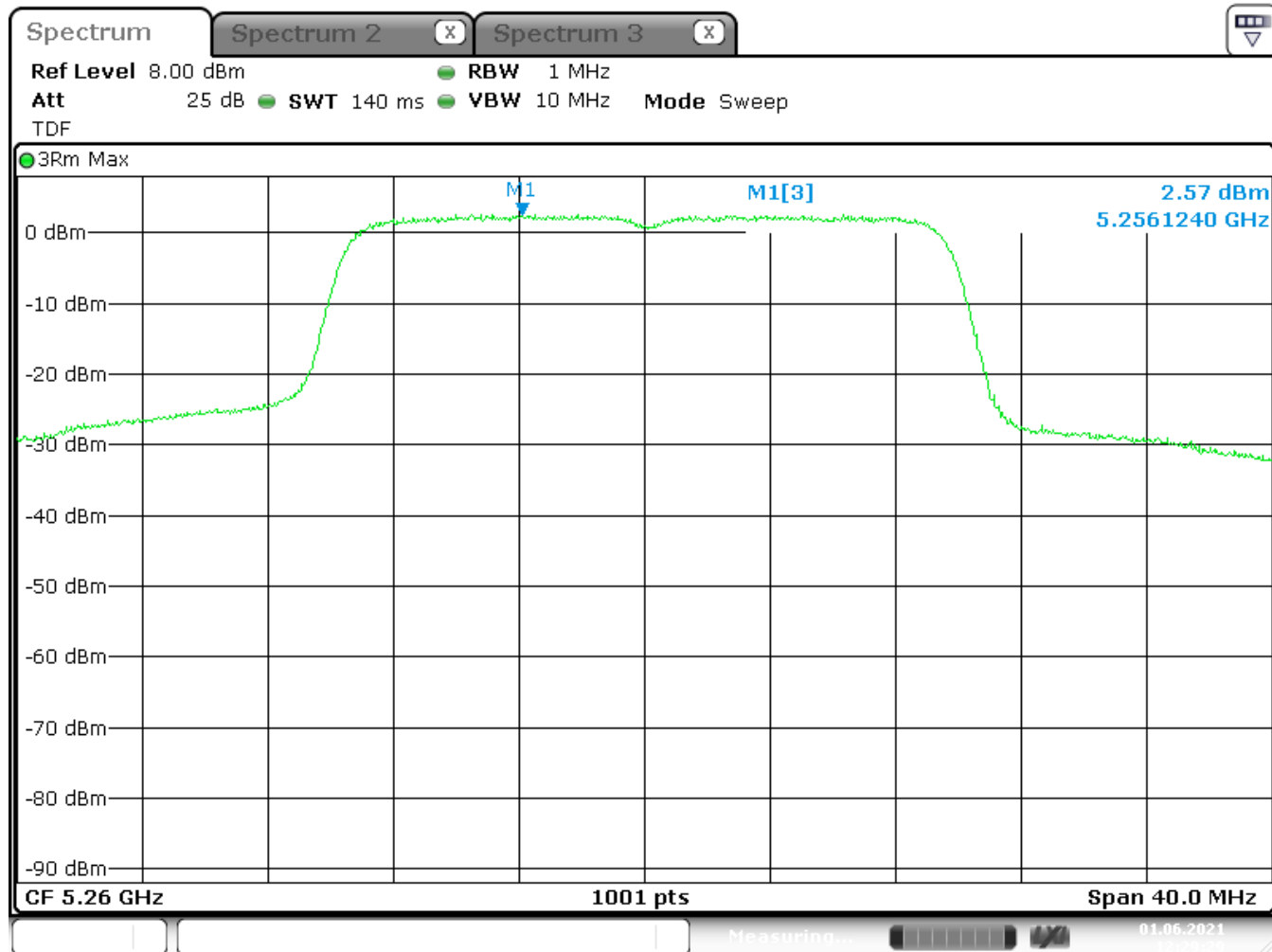
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.2.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 52 (5260 MHz center frequency)



Date: 1 JUN 2021 12:29:29

Power Spectral density: 2,57 dBm @ 5256,1240 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
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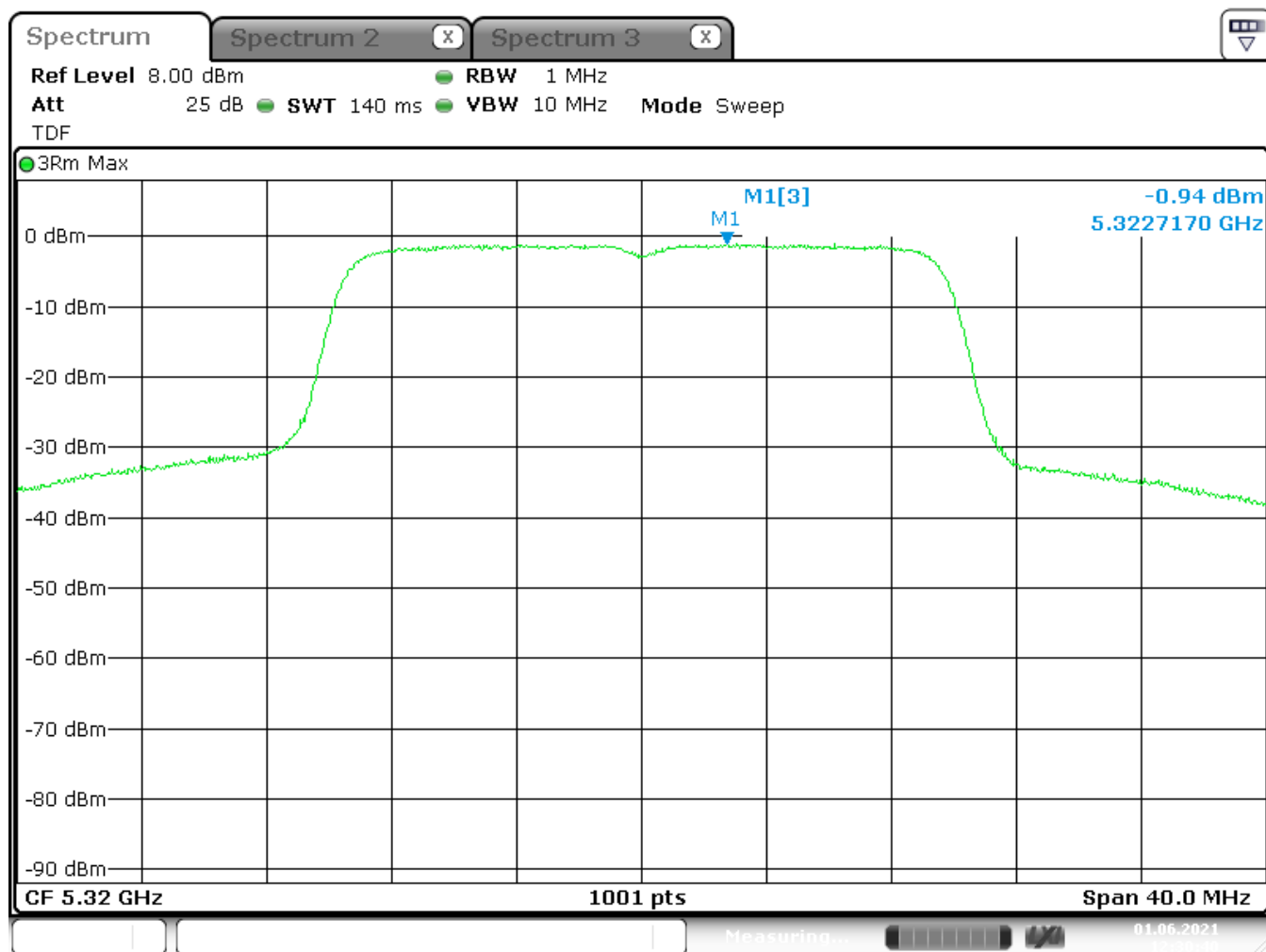
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.2.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 64 (5320 MHz center frequency)



Date: 1 JUN 2021 12:30:40

Power Spectral density: -0,94 dBm @ 5322,7170 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
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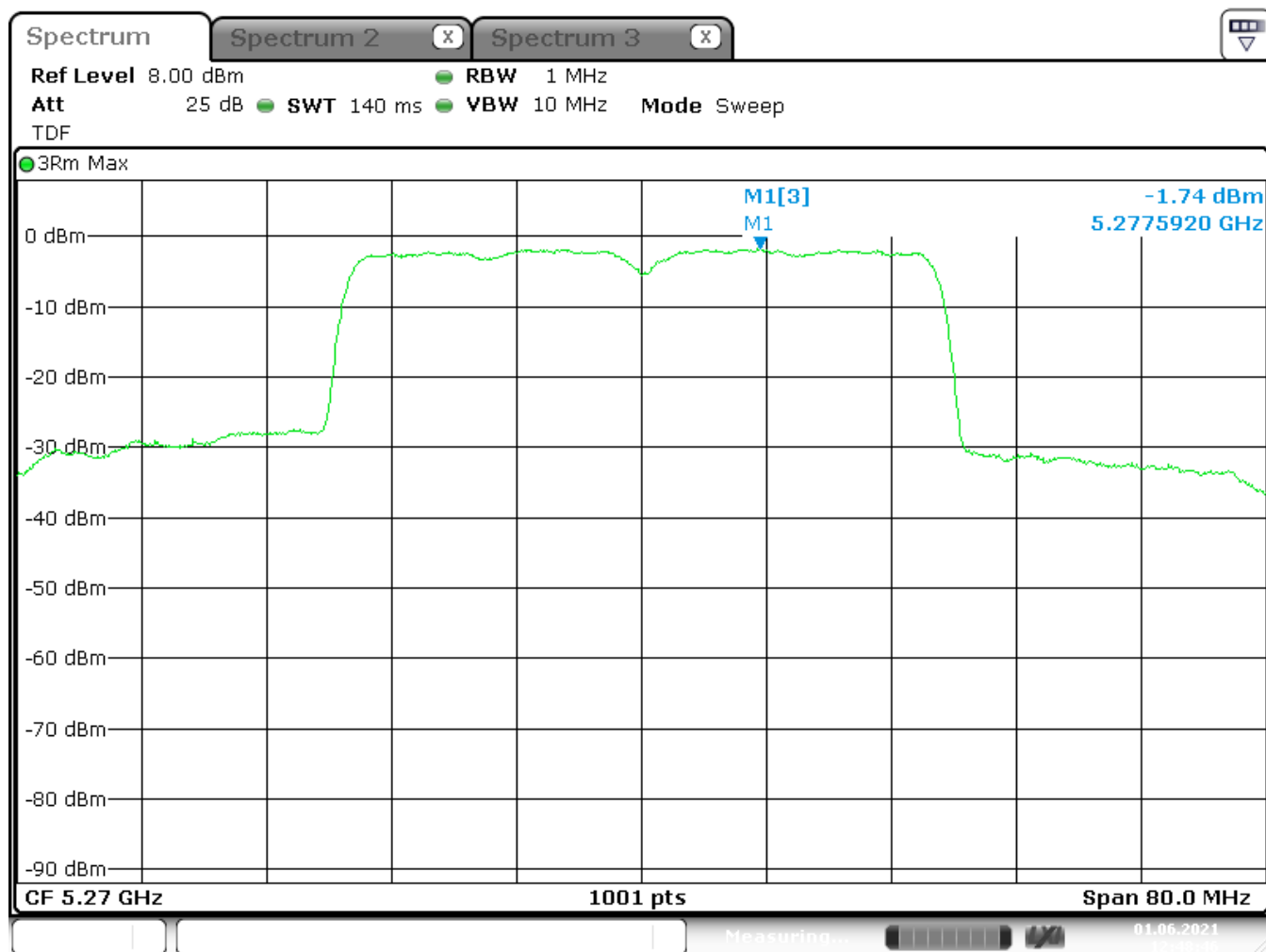
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.2.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 54 (5270 MHz center frequency)



Date: 1 JUN 2021 12:48:46

Power Spectral density: -1,74 dBm @ 5277,5920 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
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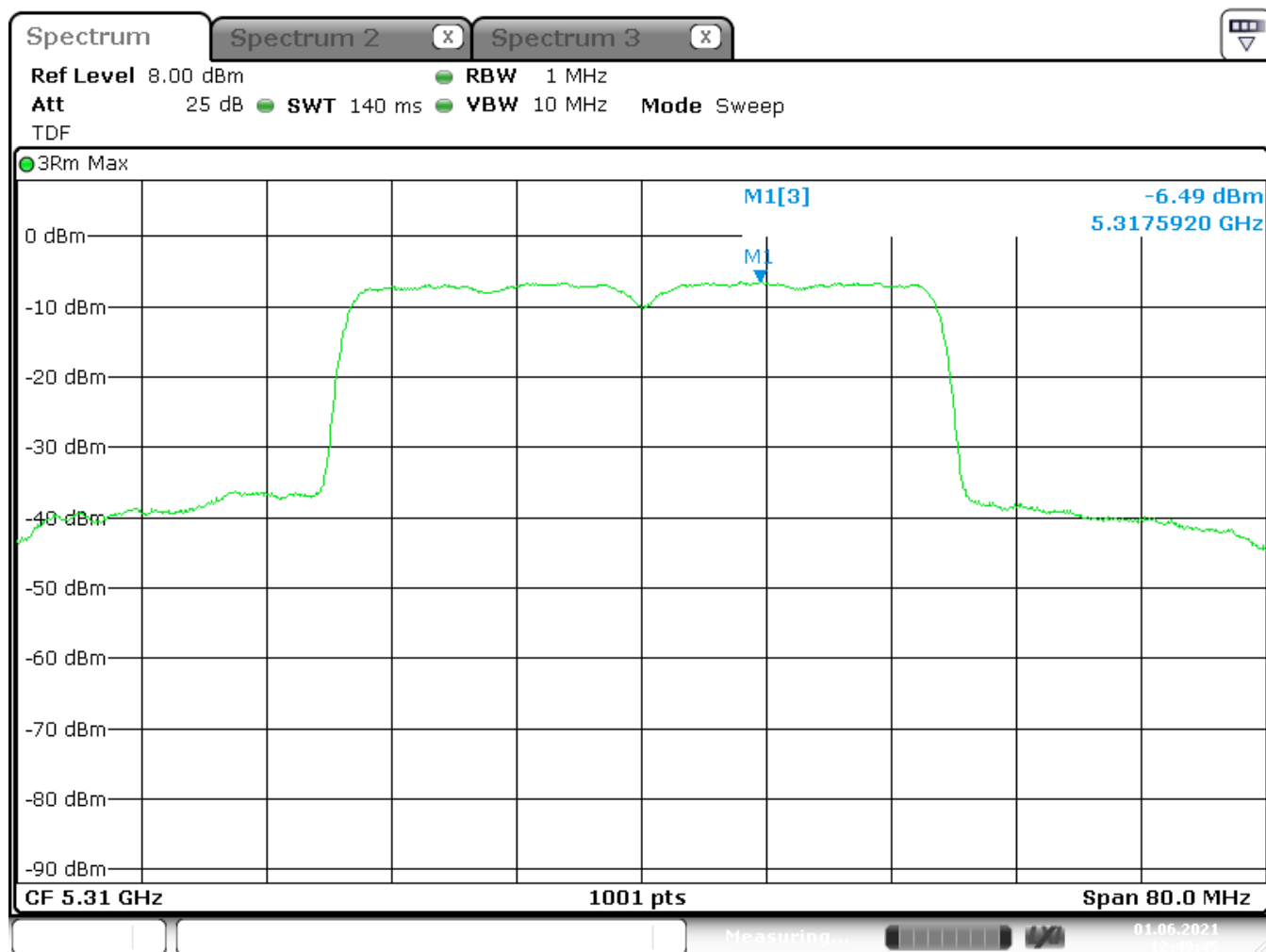
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.2.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 62 (5310 MHz center frequency)



Date: 1 JUN 2021 12:49:45

Power Spectral density: -6,49 dBm @ 5317,5920 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
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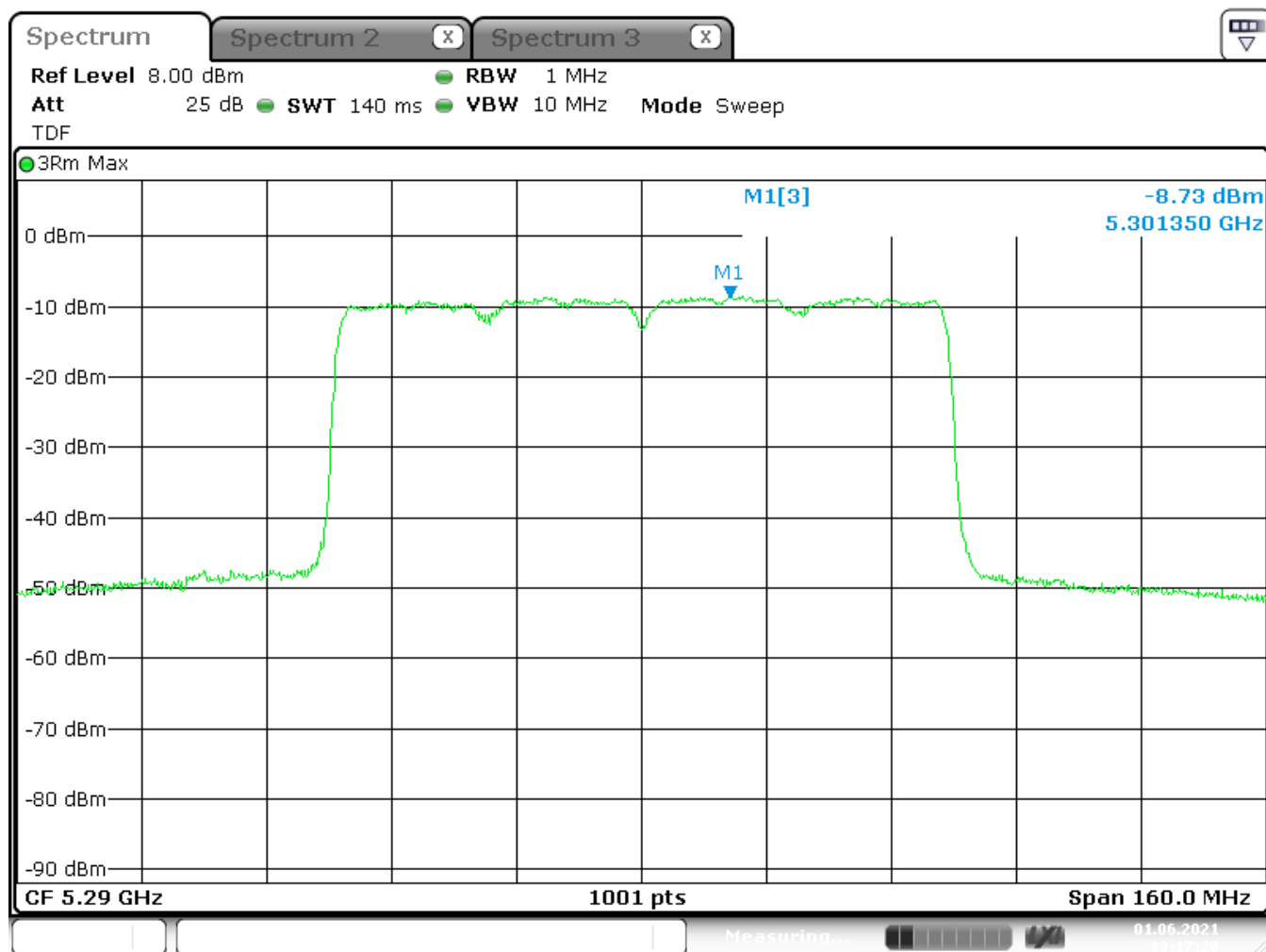
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.2.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 58 (5290 MHz center frequency)



Date: 1 JUN 2021 13:17:28

Power Spectral density: -8,73 dBm @ 5301,350 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
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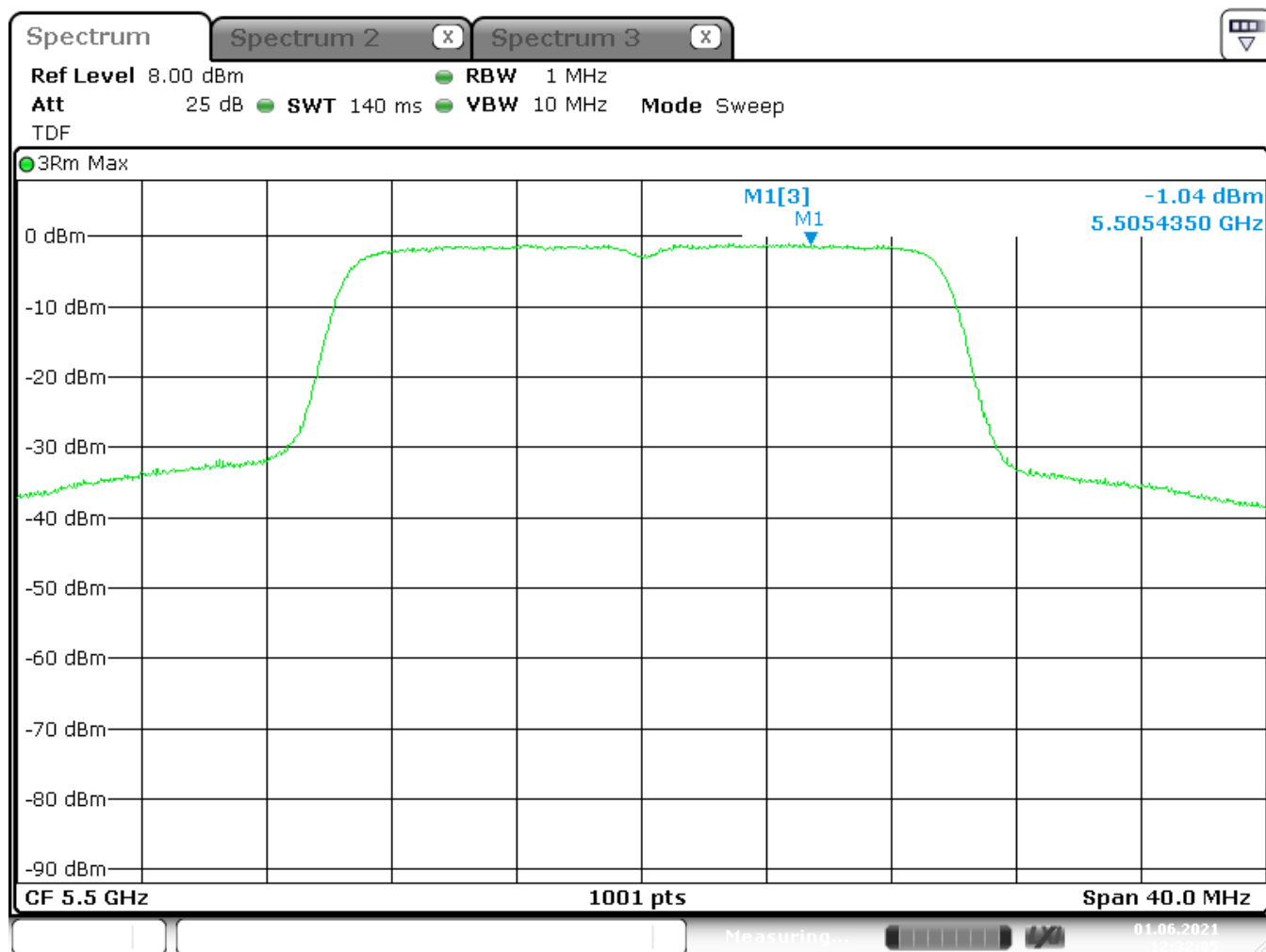
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.3.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 100 (5500 MHz center frequency)



Date: 1 JUN 2021 12:32:06

Power Spectral density: -1,04 dBm @ 5505,4350 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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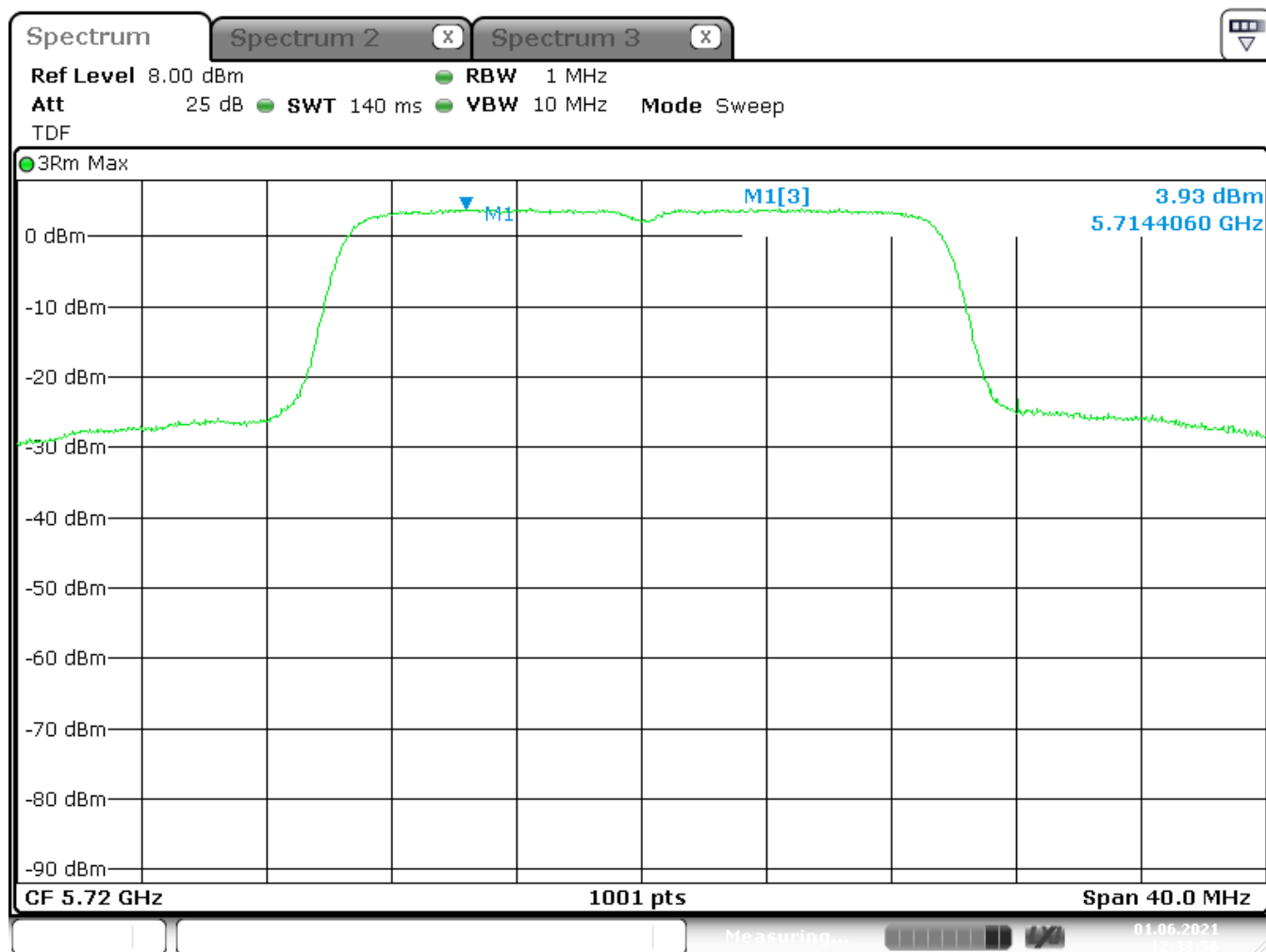
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.3.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 144 (5720 MHz center frequency)



Date: 1 JUN 2021 12:33:57

Power Spectral density: 3,93 dBm @ 5714,4060 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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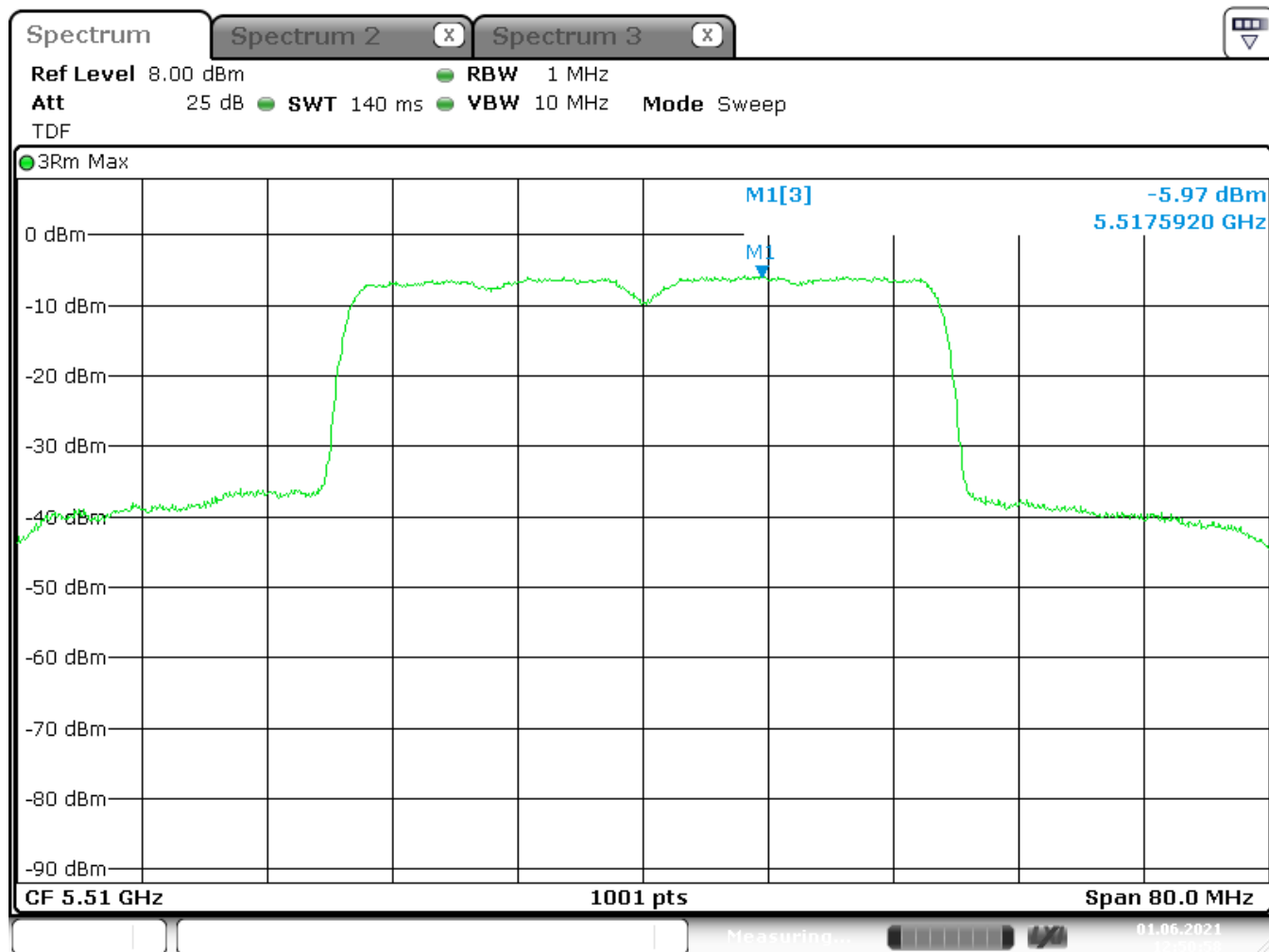
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.3.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 102 (5510 MHz center frequency)



Date: 1 JUN 2021 12:50:59

Power Spectral density: -5,97 dBm @ 5517,5920 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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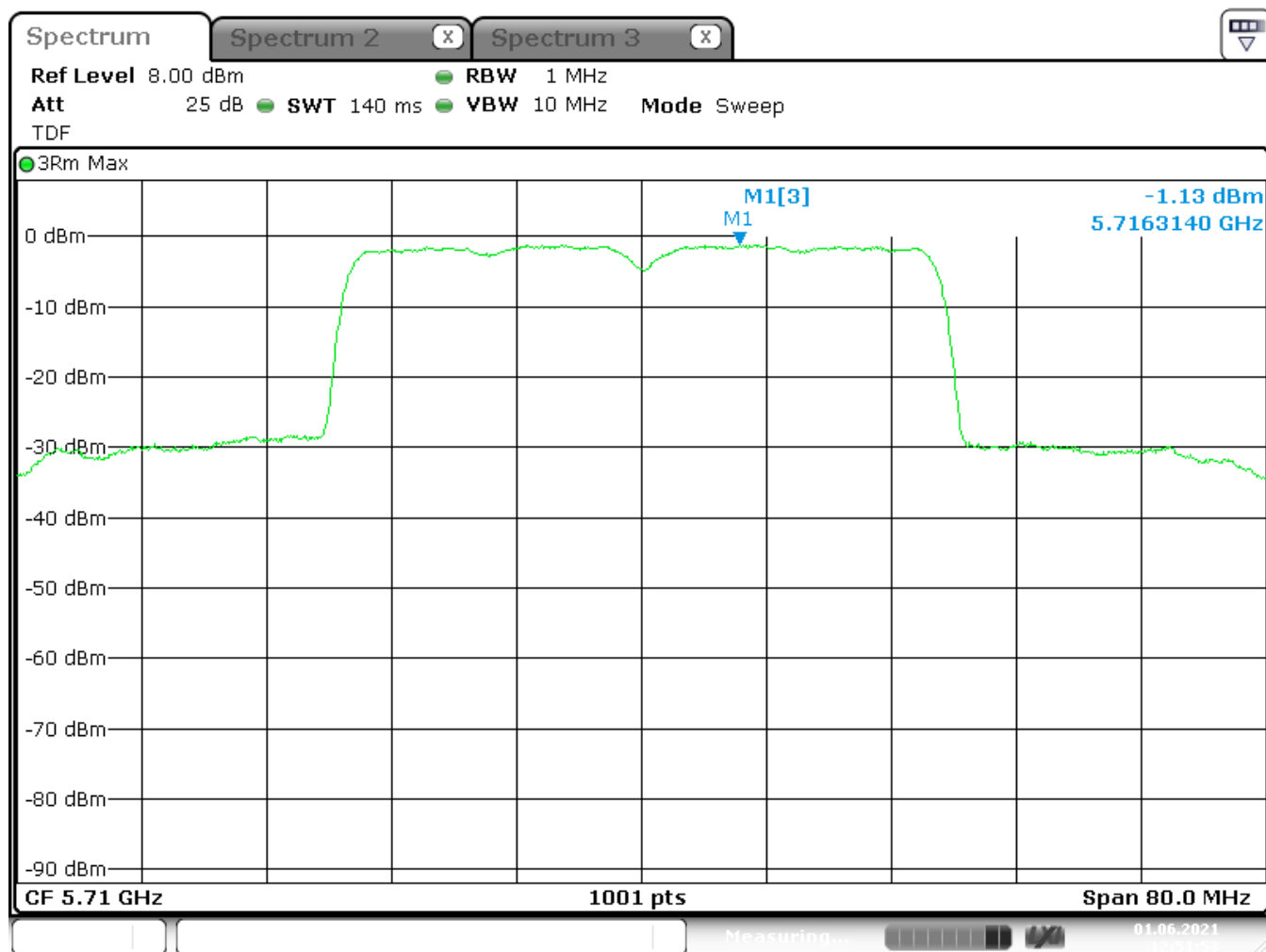
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.3.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 142 (5710 MHz center frequency)



Date: 1 JUN 2021 12:51:54

Power Spectral density: -1,13 dBm @ 5716,3140 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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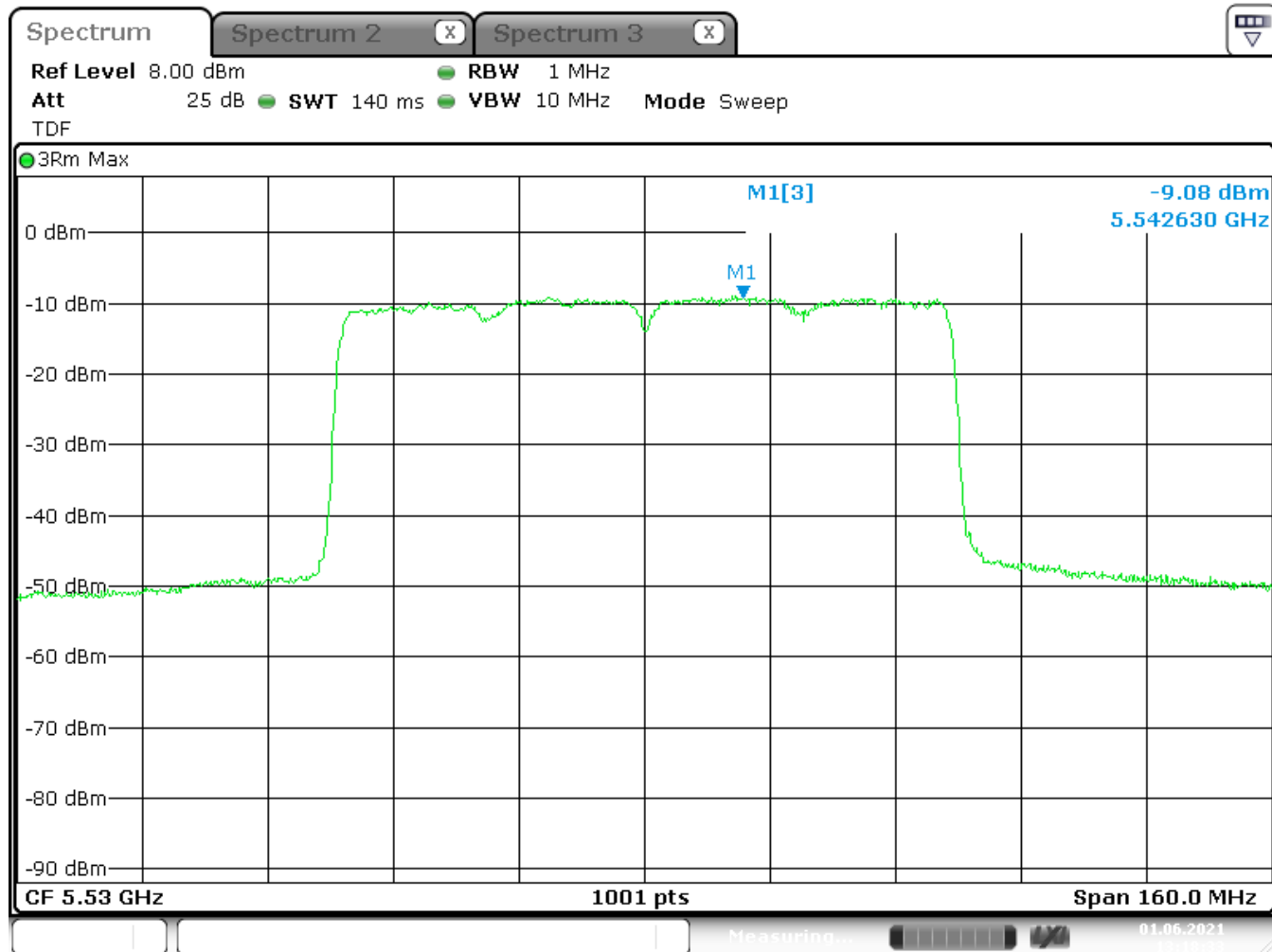
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.3.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 106 (5530 MHz center frequency)



Date: 1 JUN 2021 13:18:34

Power Spectral density: -9,08 dBm @ 5542,630 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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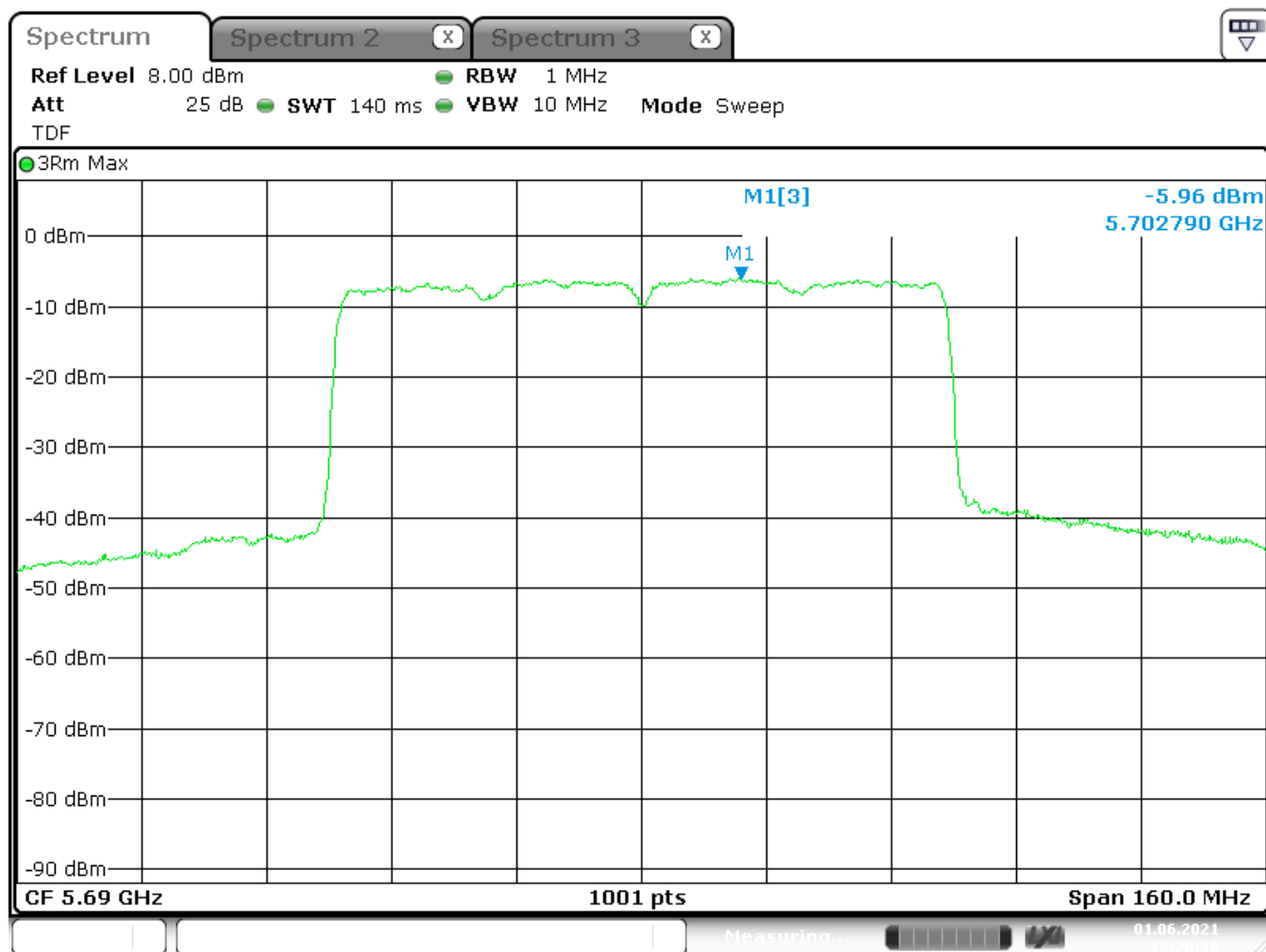
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 138 (5690 MHz center frequency)



Date: 1 JUN 2021 13:20:10

Power Spectral density: -5,96 dBm @ 5702,790 MHz

LIMIT SUBCLAUSE 15.407(a)(2) – 6.2.4.1

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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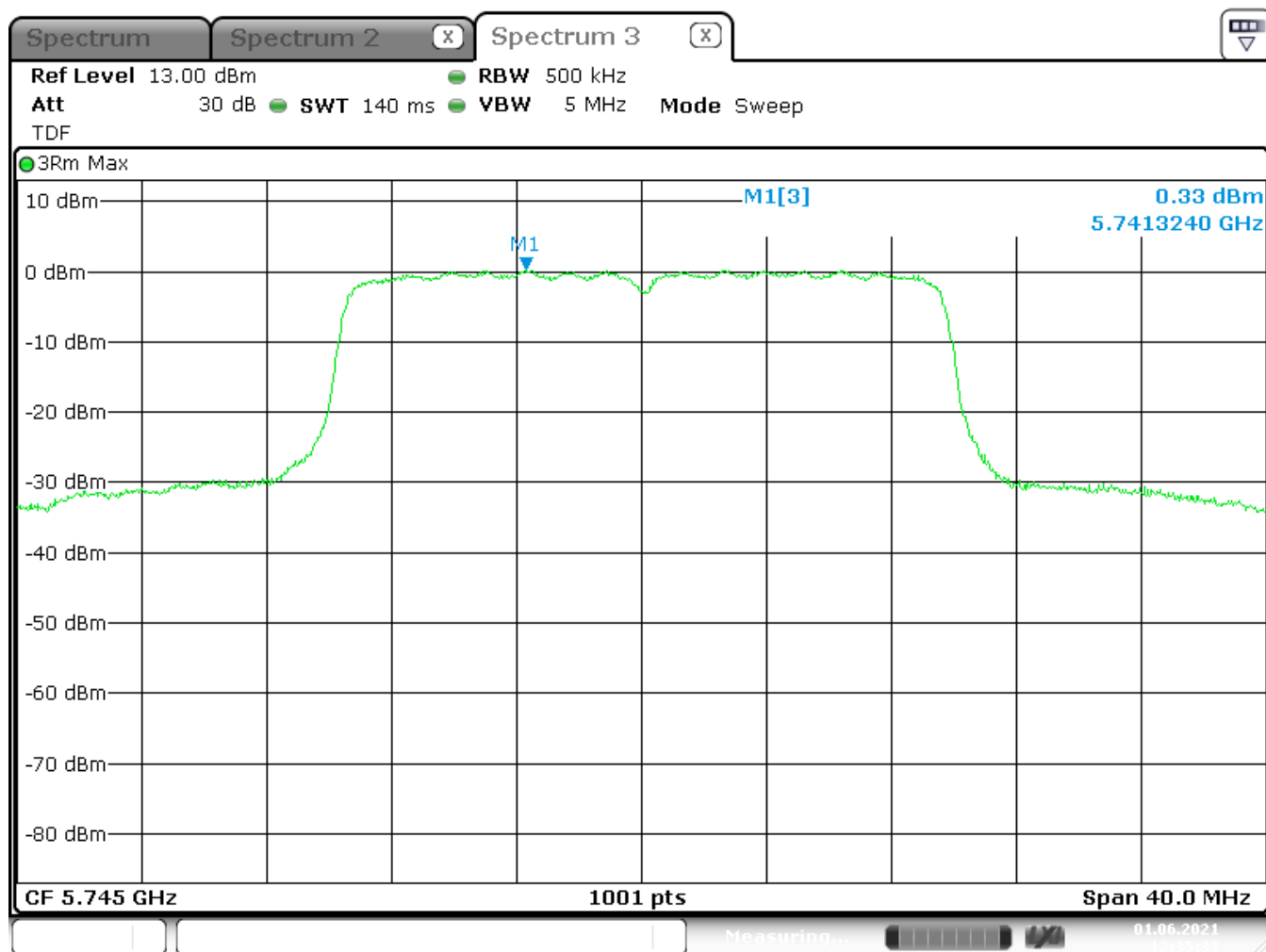
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 149 (5745 MHz center frequency)



Date: 1 JUN 2021 12:35:33

Power Spectral density: 0,33 dBm @ 5741,3240 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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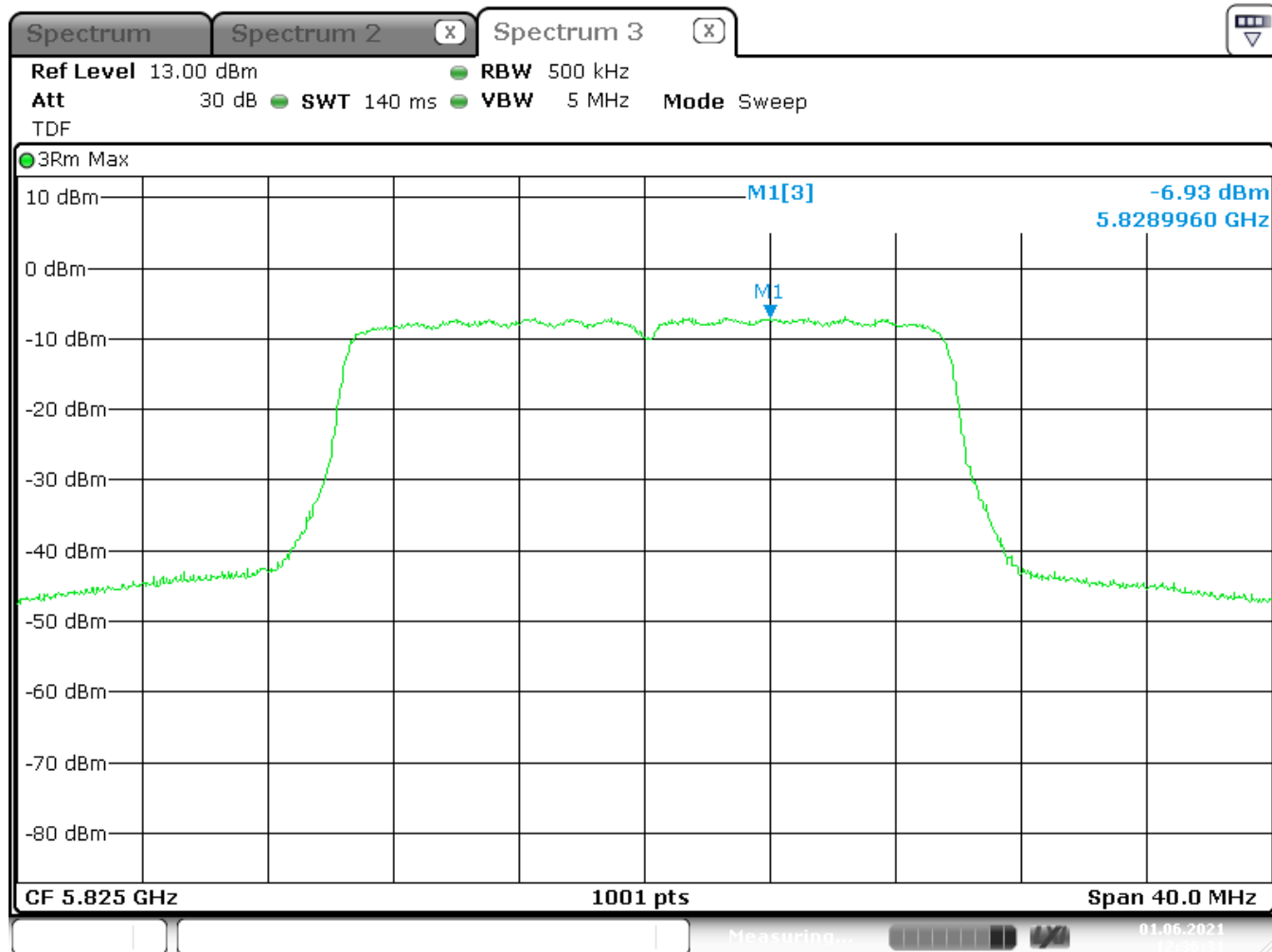
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 165 (5825 MHz center frequency)



Date: 1 JUN 2021 12:36:31

Power Spectral density: -6,93 dBm @ 5828,9960 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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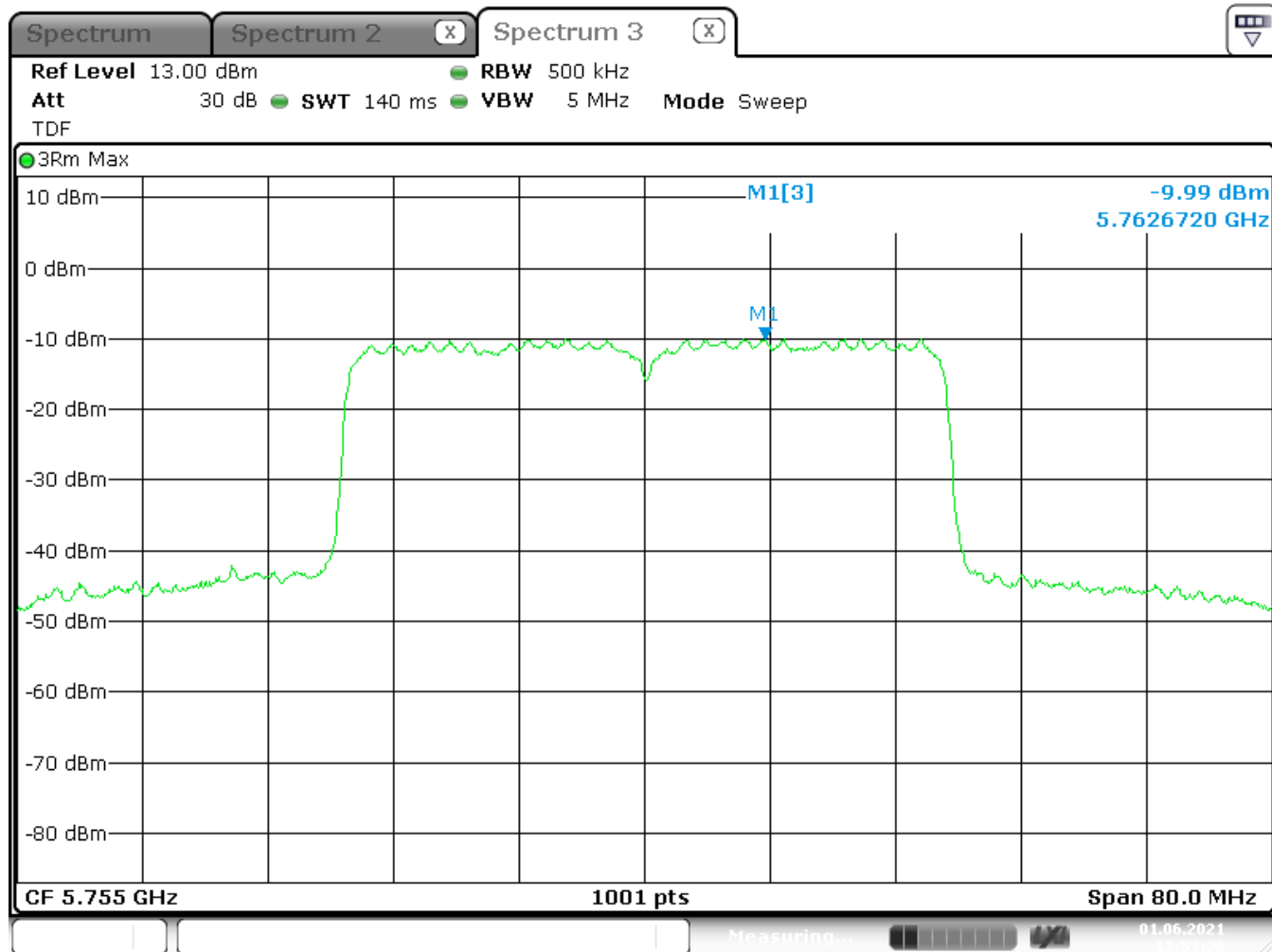
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 151 (5755 MHz center frequency)



Date: 1 JUN 2021 12:53:21

Power Spectral density: -9,99 dBm @ 5762,6720 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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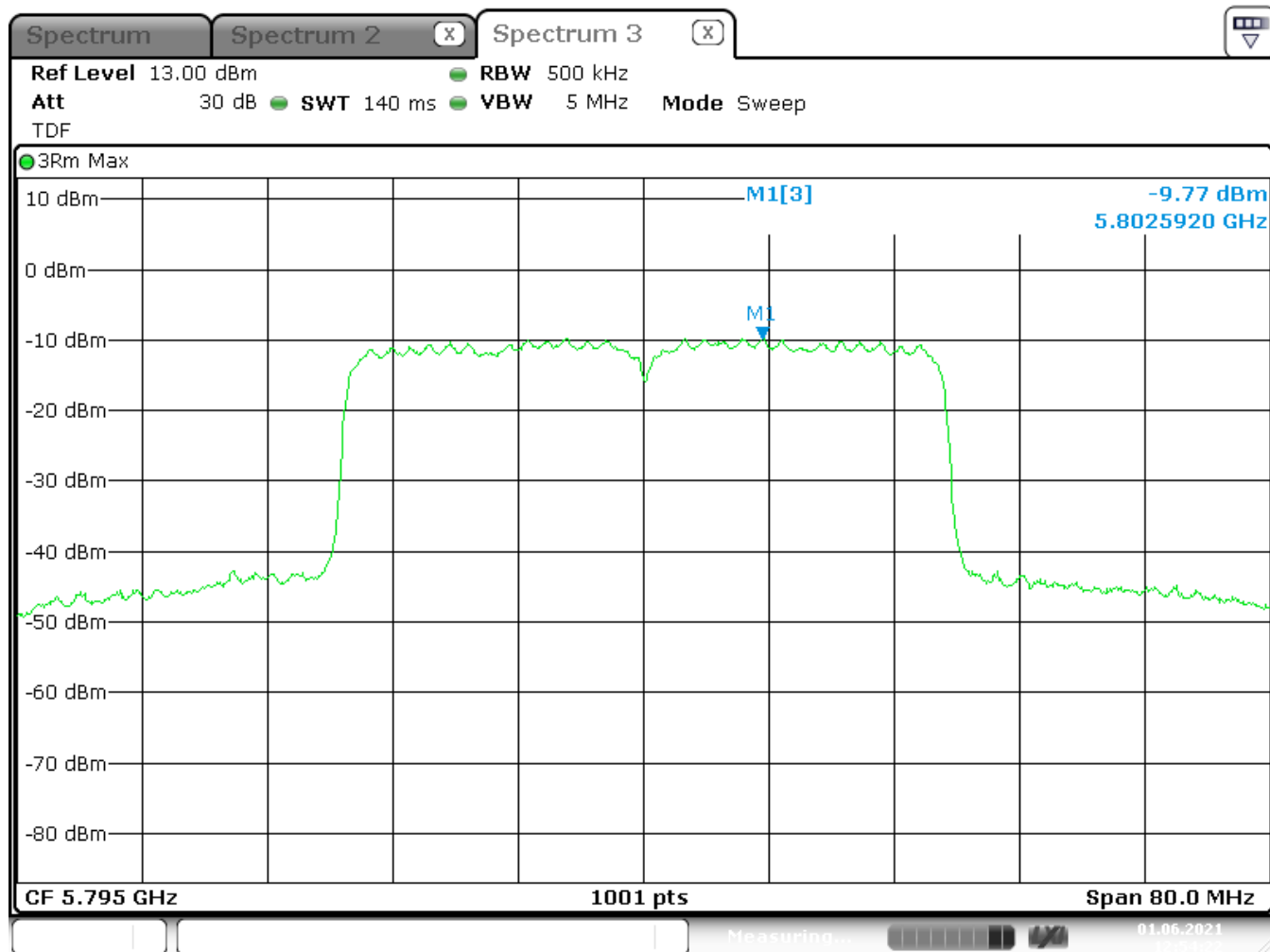
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 159 (5795 MHz center frequency)



Date: 1 JUN 2021 12:54:23

Power Spectral density: -9,77 dBm @ 5802,5920 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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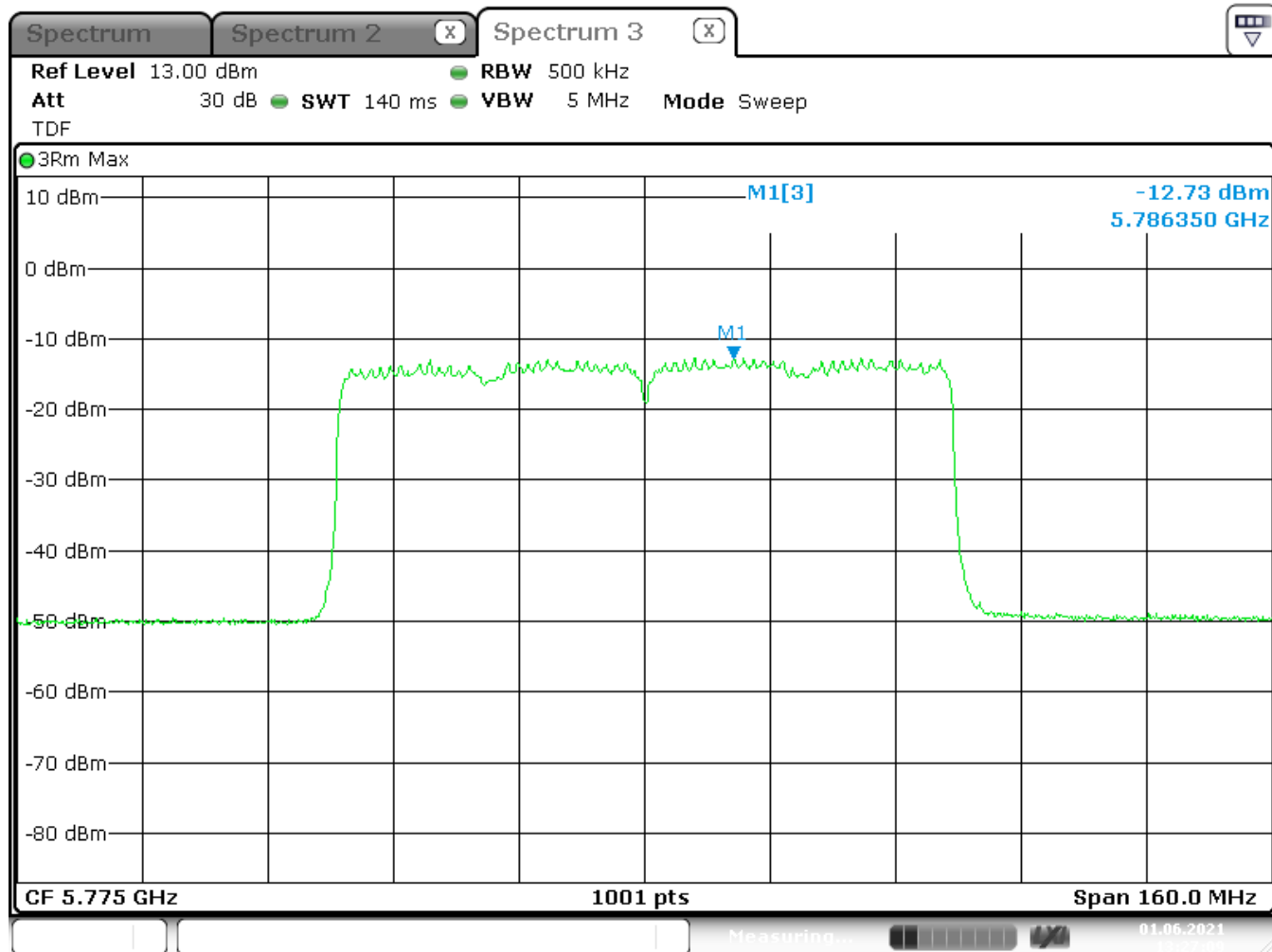
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Channel 155 (5775 MHz center frequency)



Date: 1 JUN 2021 13:27:09

Power Spectral density: -12,73 dBm @ 5786,350 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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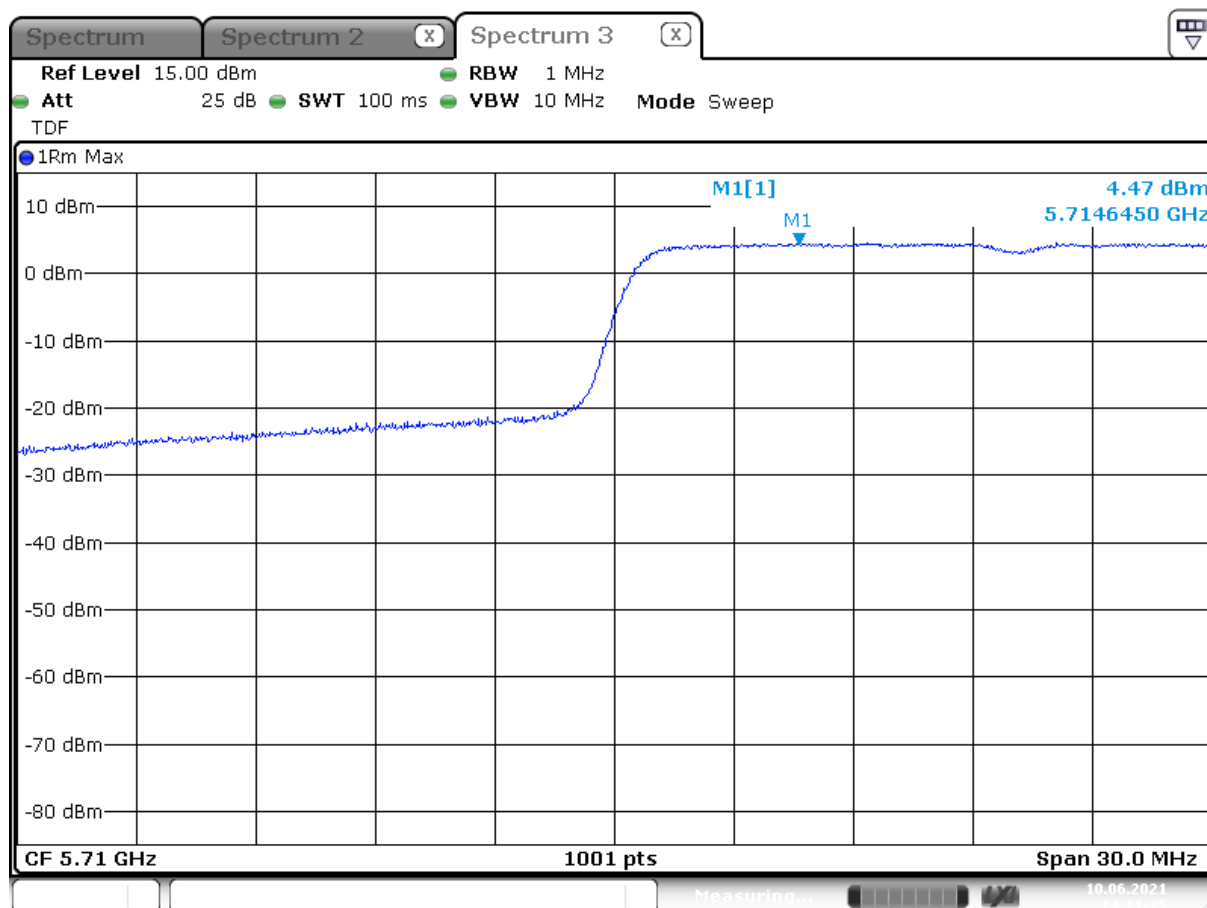
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Straddle Channel 144 (5720 MHz center frequency)



Date: 10 JUN 2021 14:11:26

Power Spectral density: 4,47 dBm @ 5,7146 MHz

LIMIT SUBCLAUSE 15.407(a)(2) – 6.2.4.1

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

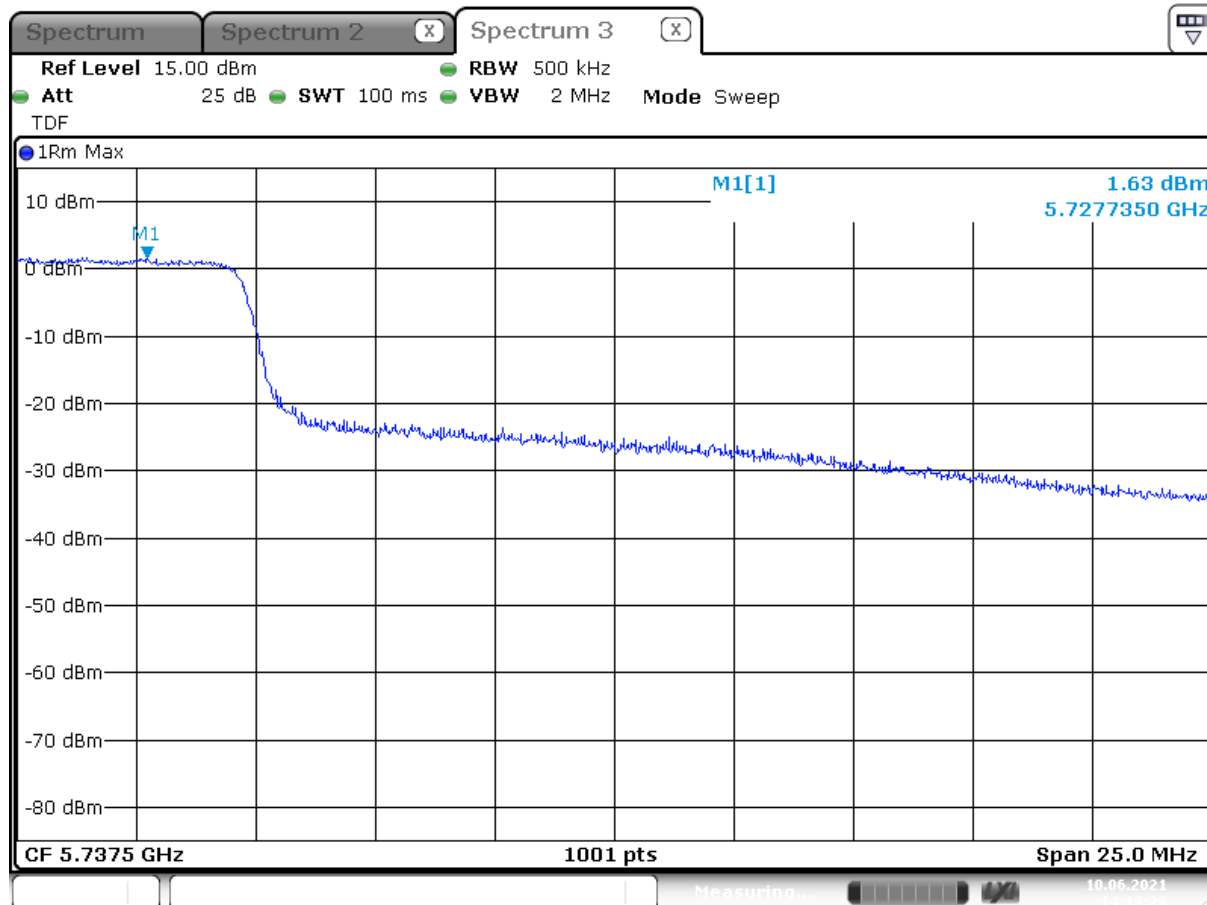
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Straddle Channel 144 (5720 MHz center frequency)



Power Spectral density: 1,63 dBm @ 5727,350 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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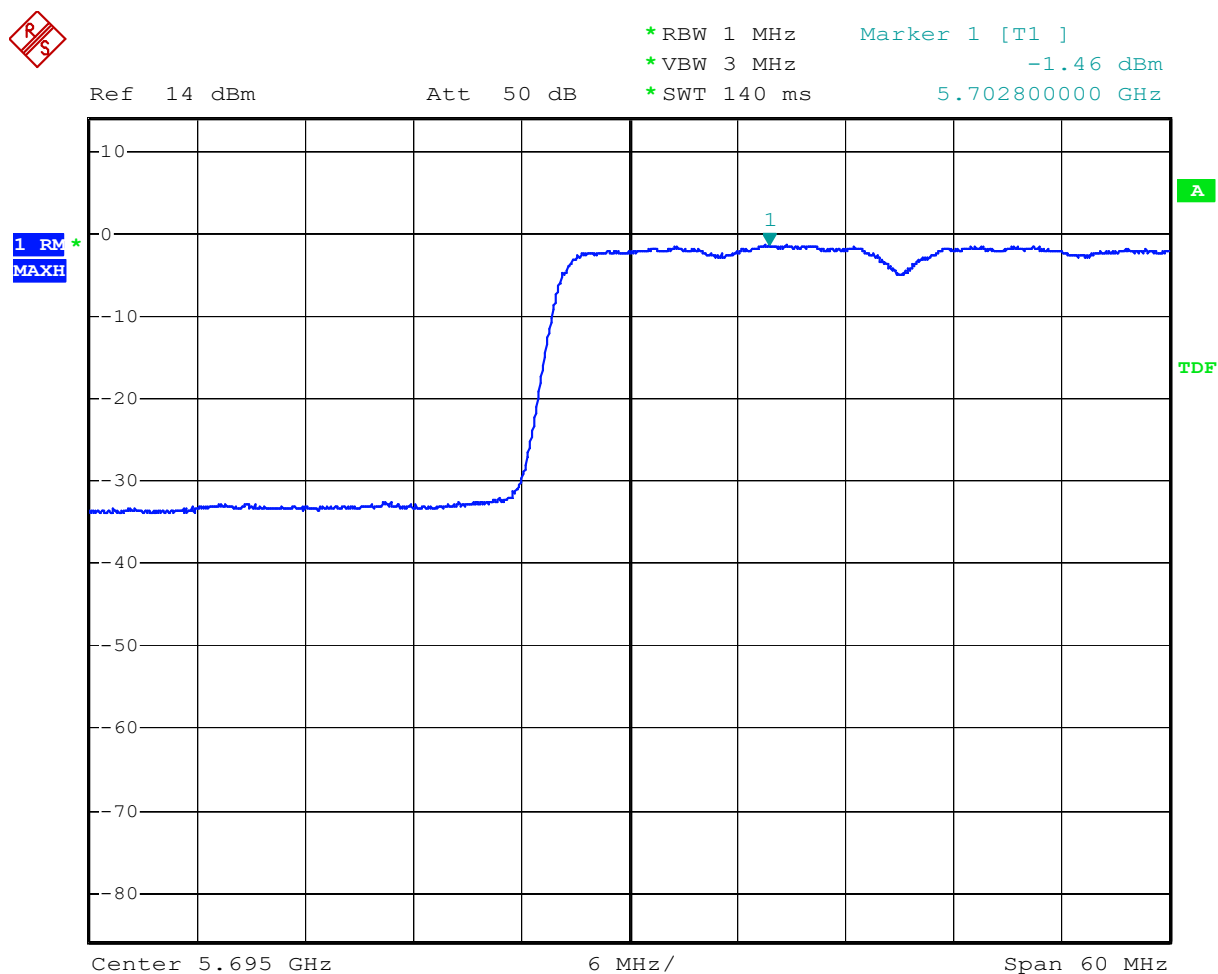
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Straddle Channel 142 (5710 MHz center frequency)



Date: 2.JUN.2021 10:22:46

Power Spectral density: -1,46 dBm @ 5,7028 MHz

LIMIT SUBCLAUSE 15.407(a)(2) – 6.2.4.1

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

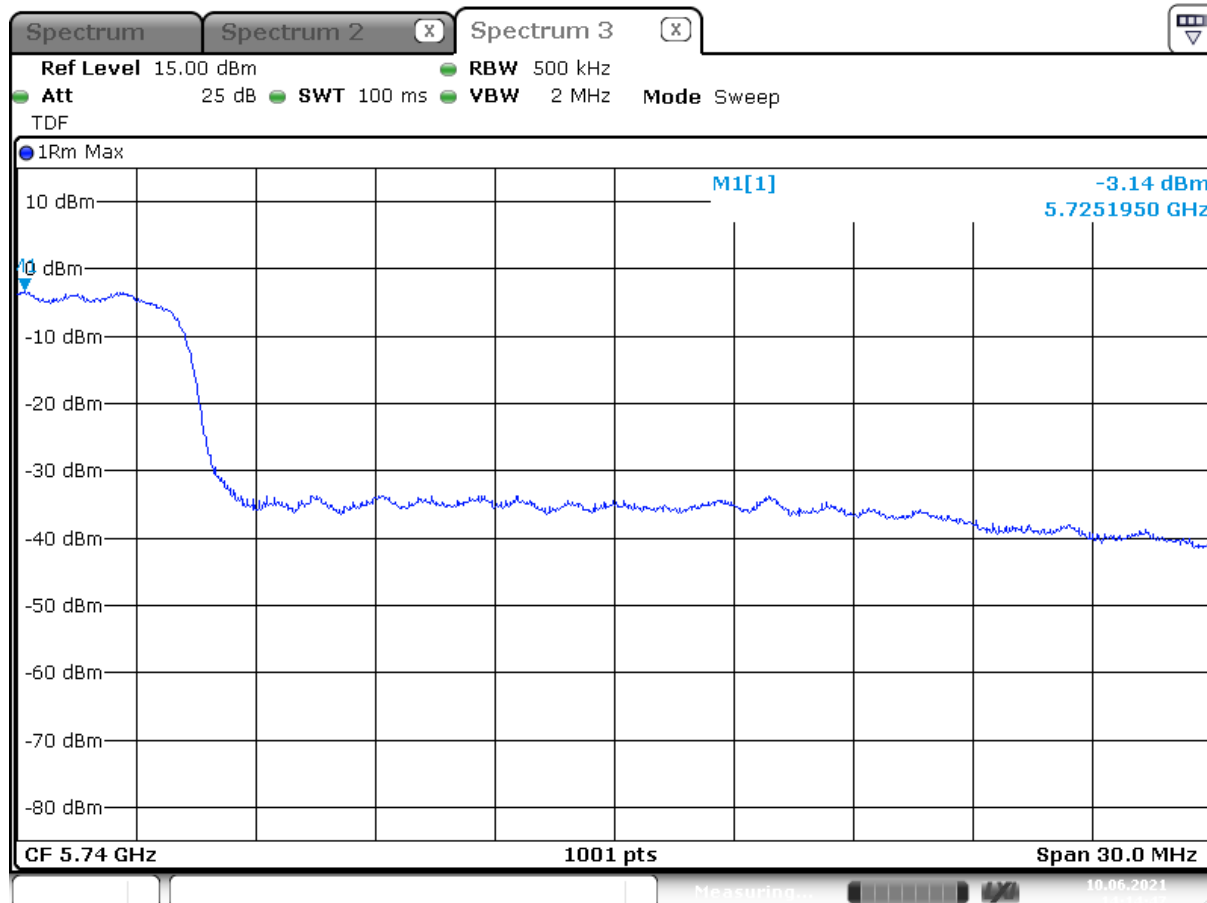
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Straddle Channel 142 (5710 MHz center frequency)



Date: 10 JUN 2021 14:14:48

Power Spectral density: -3,14 dBm @ 5725,195 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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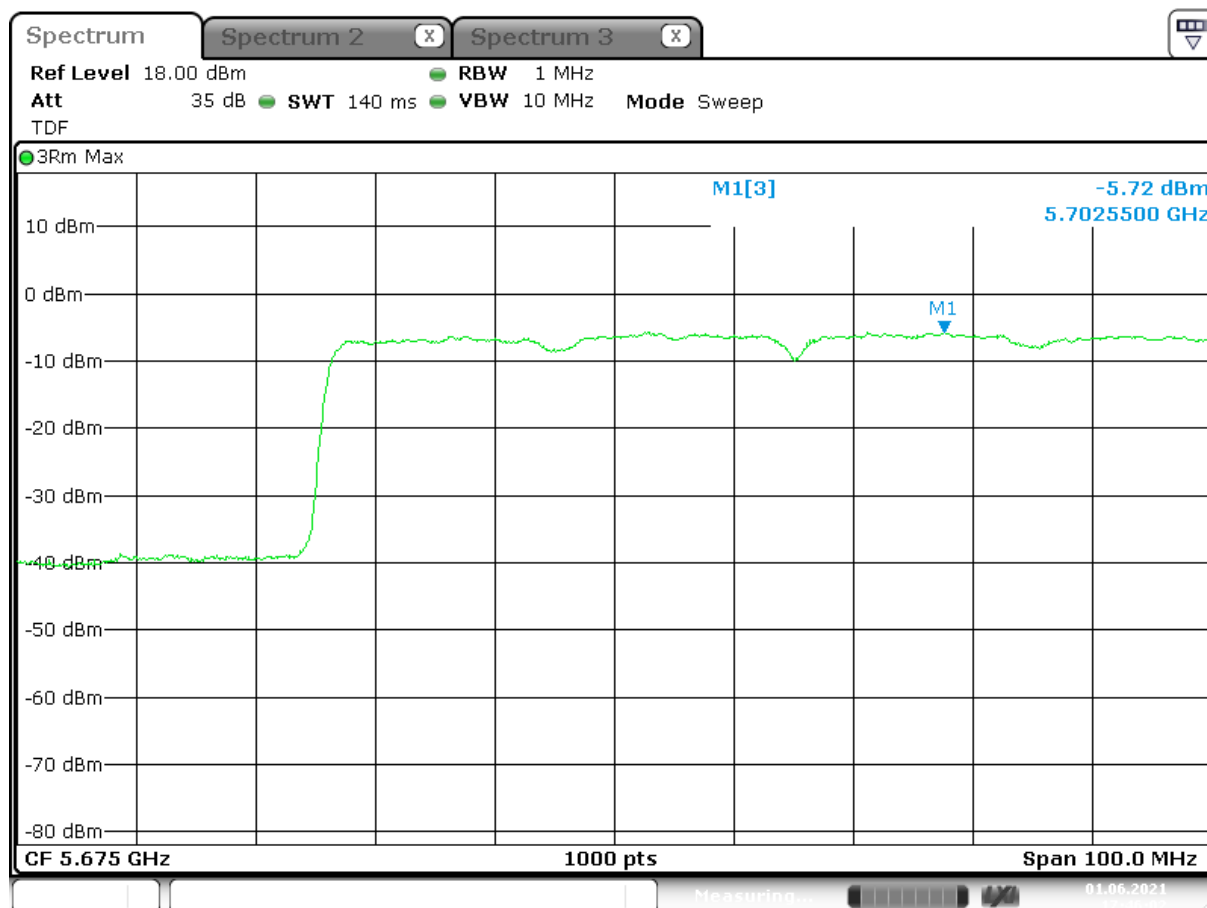
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Straddle Channel 138 (5690 MHz center frequency)



Date: 1 JUN 2021 17:46:03

Power Spectral density: -5,72 dBm @ 5702,55 MHz

LIMIT SUBCLAUSE 15.407(a)(2) – 6.2.4.1

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

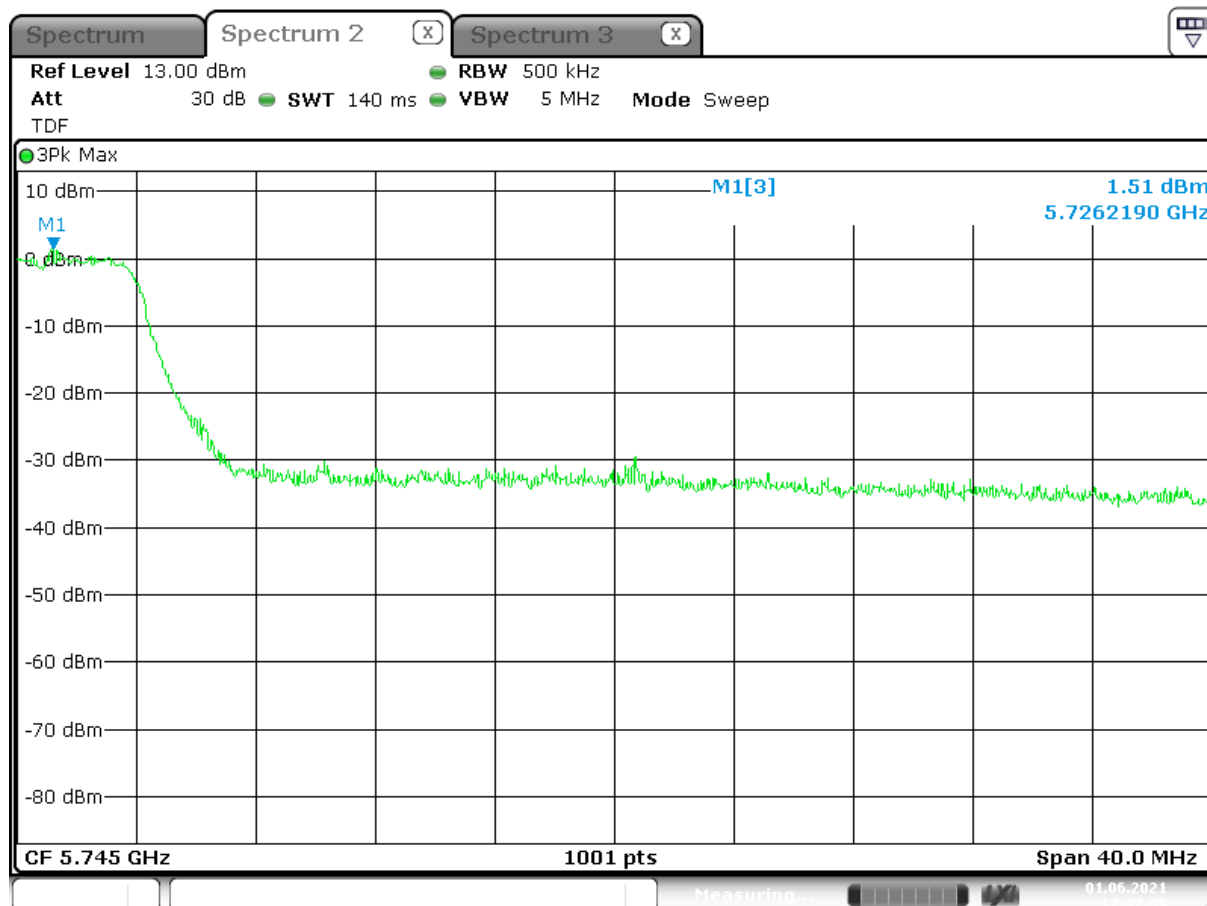
Test Equipment used: EMV-205

Maximum Power spectral density (conducted)

§ 15.407(a)(3)
6.2.4.1

Conducted Measurement – Antenna 2

Rated output power: 32,35 mW Straddle Channel 138 (5690 MHz center frequency)



Date: 1 JUN 2021 17:47:59

Power Spectral density: 1,51 dBm @ 5726,219 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