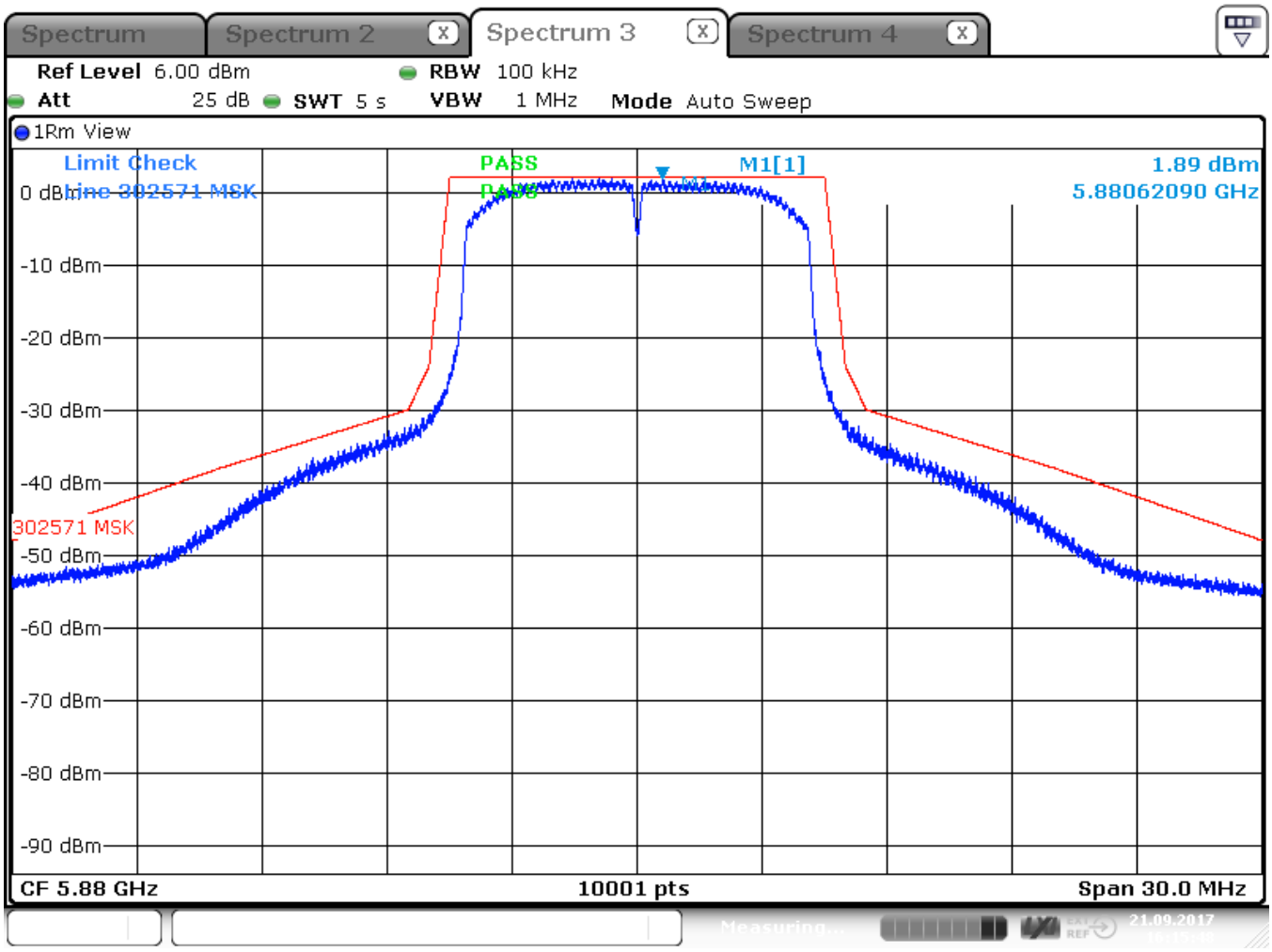
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 1 – data rate 3 MBps

Transmitter operating – 5880 MHz Modulated



Date:21.SEP.2017 16:15:48

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

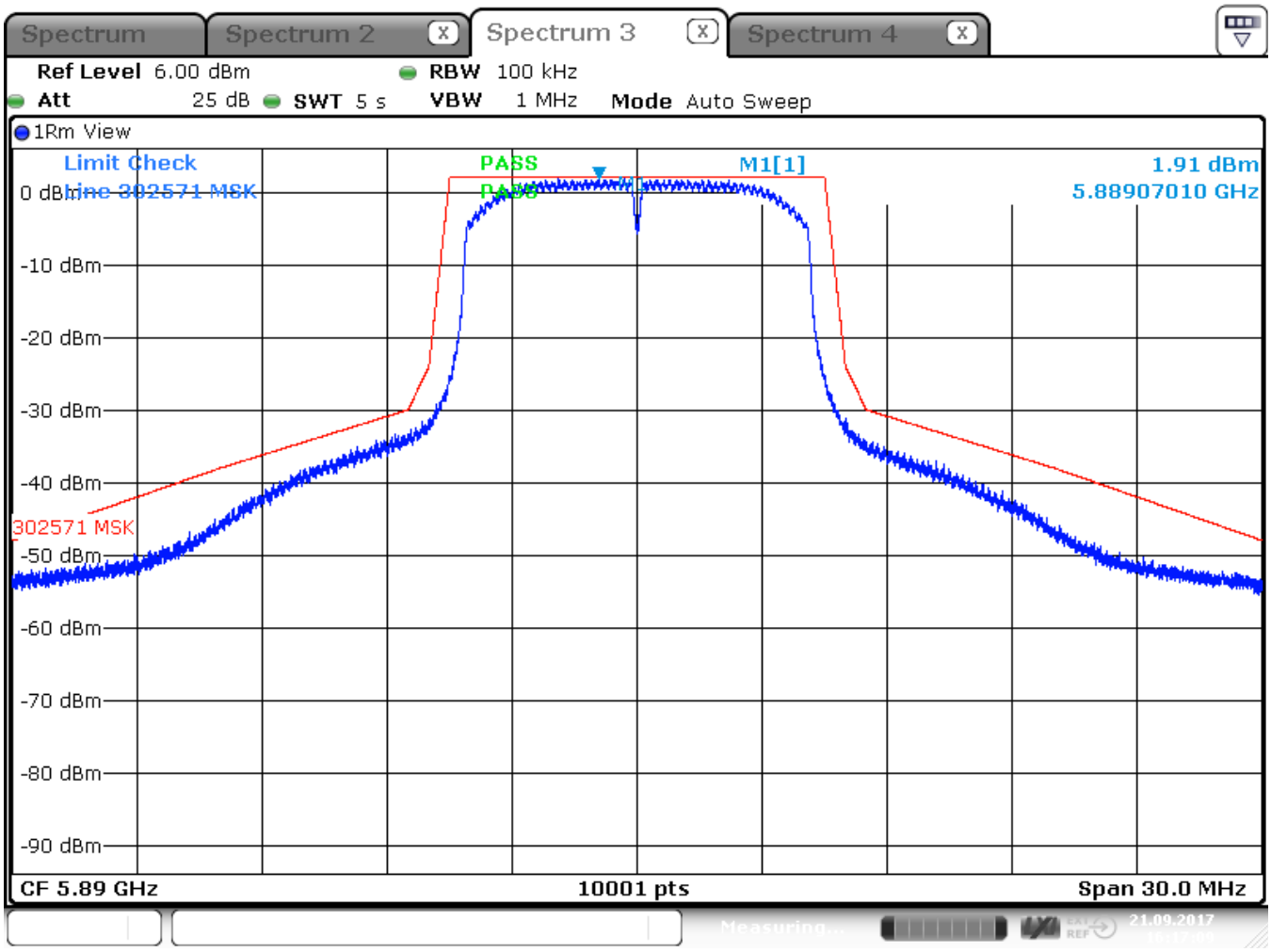
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 1 – data rate 3 MBps

Transmitter operating – 5890 MHz Modulated



Date:21.SEP.2017 16:17:10

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

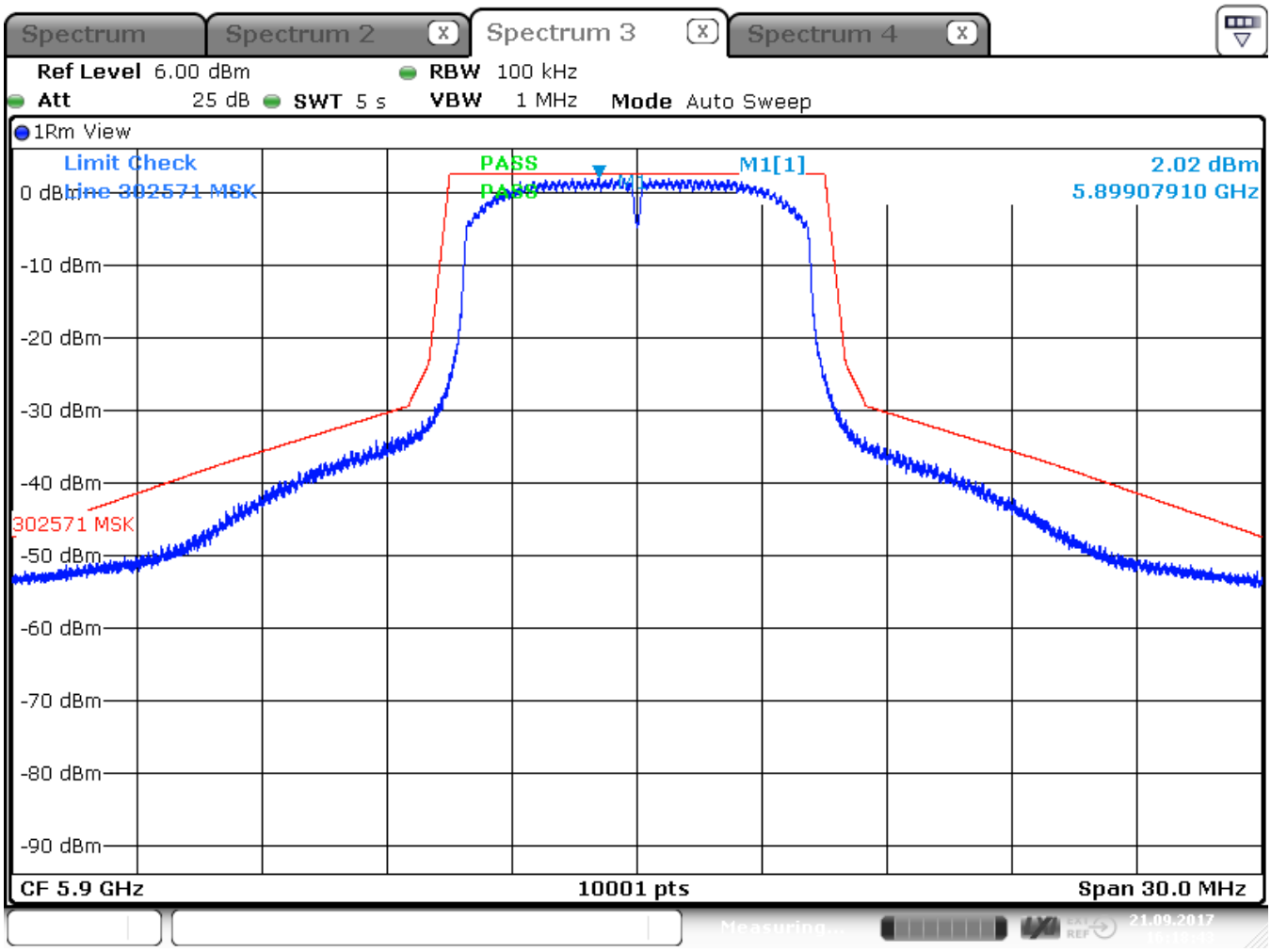
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 1 – data rate 3 MBps

Transmitter operating – 5900 MHz Modulated



Date: 21.SEP.2017 16:18:43

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

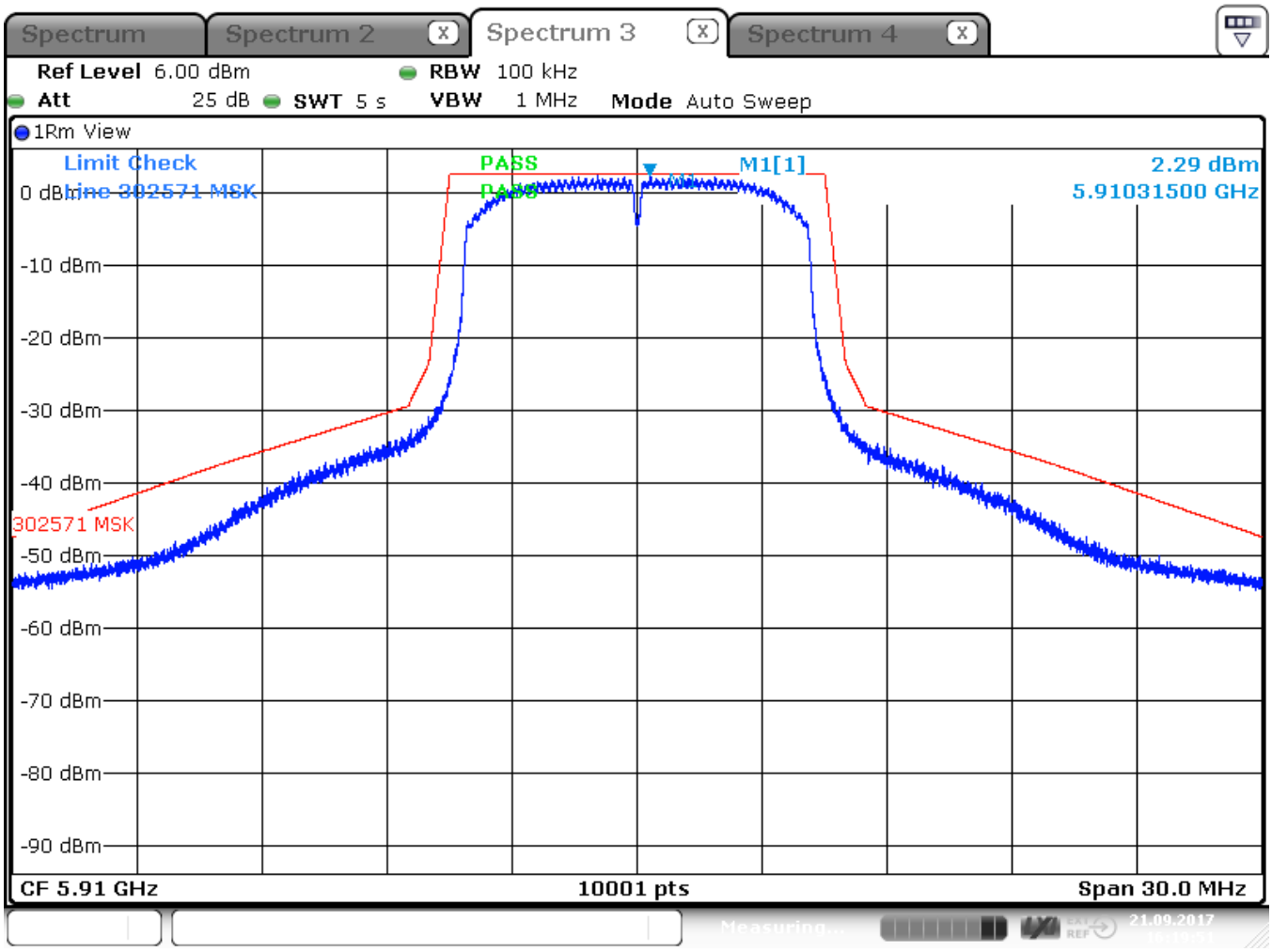
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 1 – data rate 3 MBps

Transmitter operating – 5910 MHz Modulated



Date:21.SEP.2017 16:19:51

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

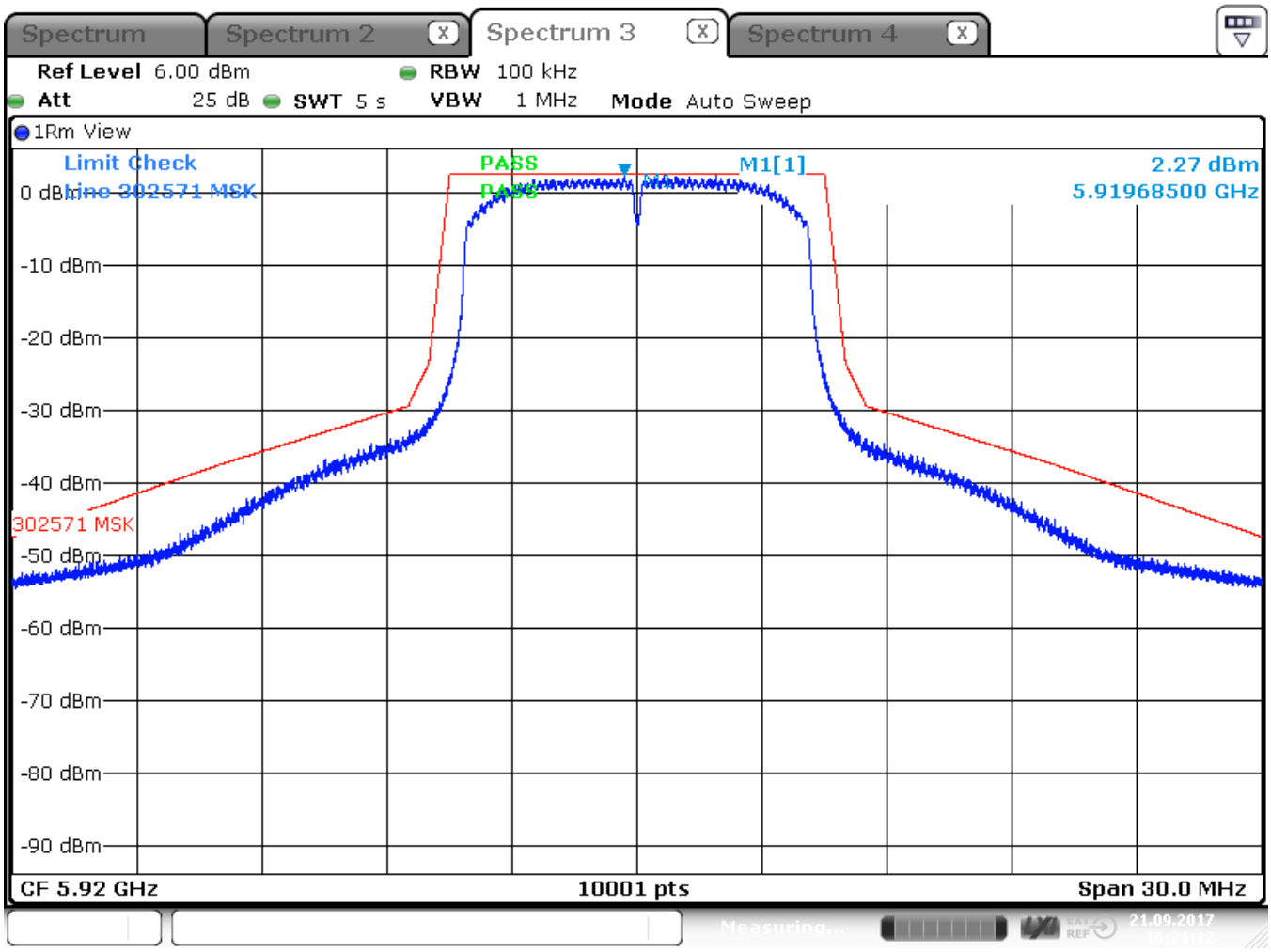
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 1 – data rate 3 MBps

Transmitter operating – 5920 MHz Modulated



Date:21.SEP.2017 16:21:12

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

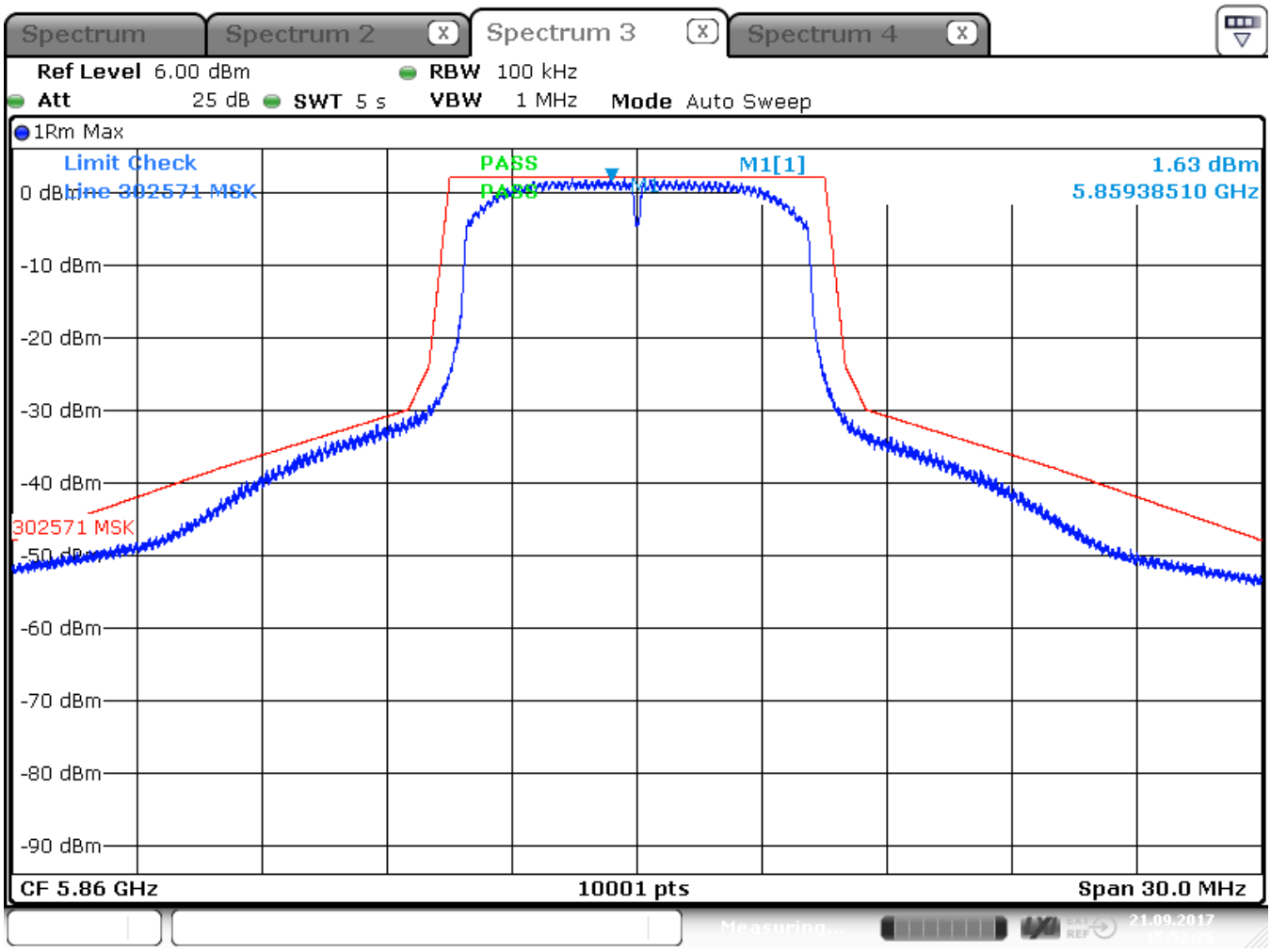
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 2 – data rate 3 MBps

Transmitter operating – 5860 MHz Modulated



Date:21.SEP.2017 15:52:26

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

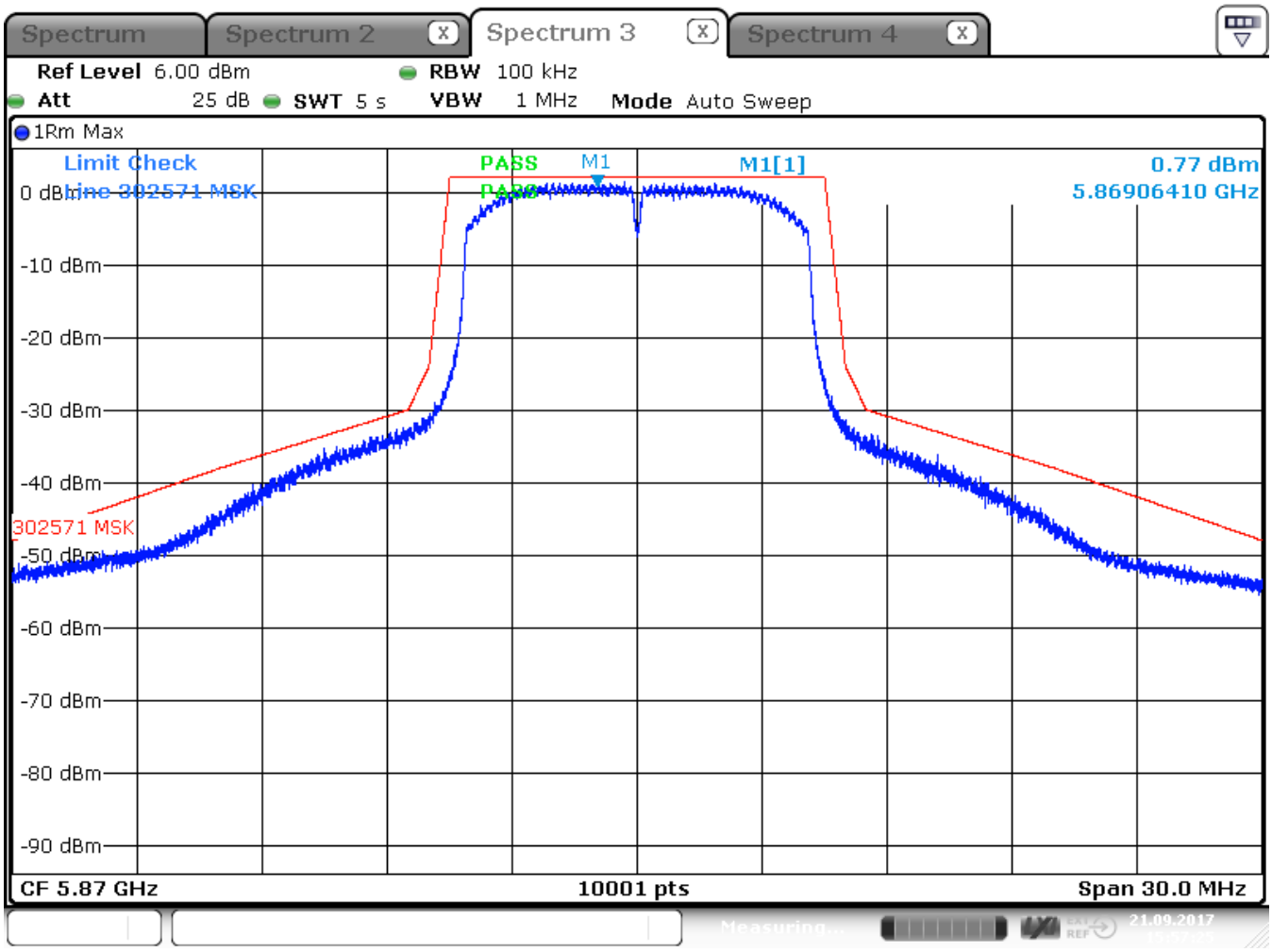
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 2 – data rate 3 MBps

Transmitter operating – 5870 MHz Modulated



Date: 21.SEP.2017 15:57:25

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

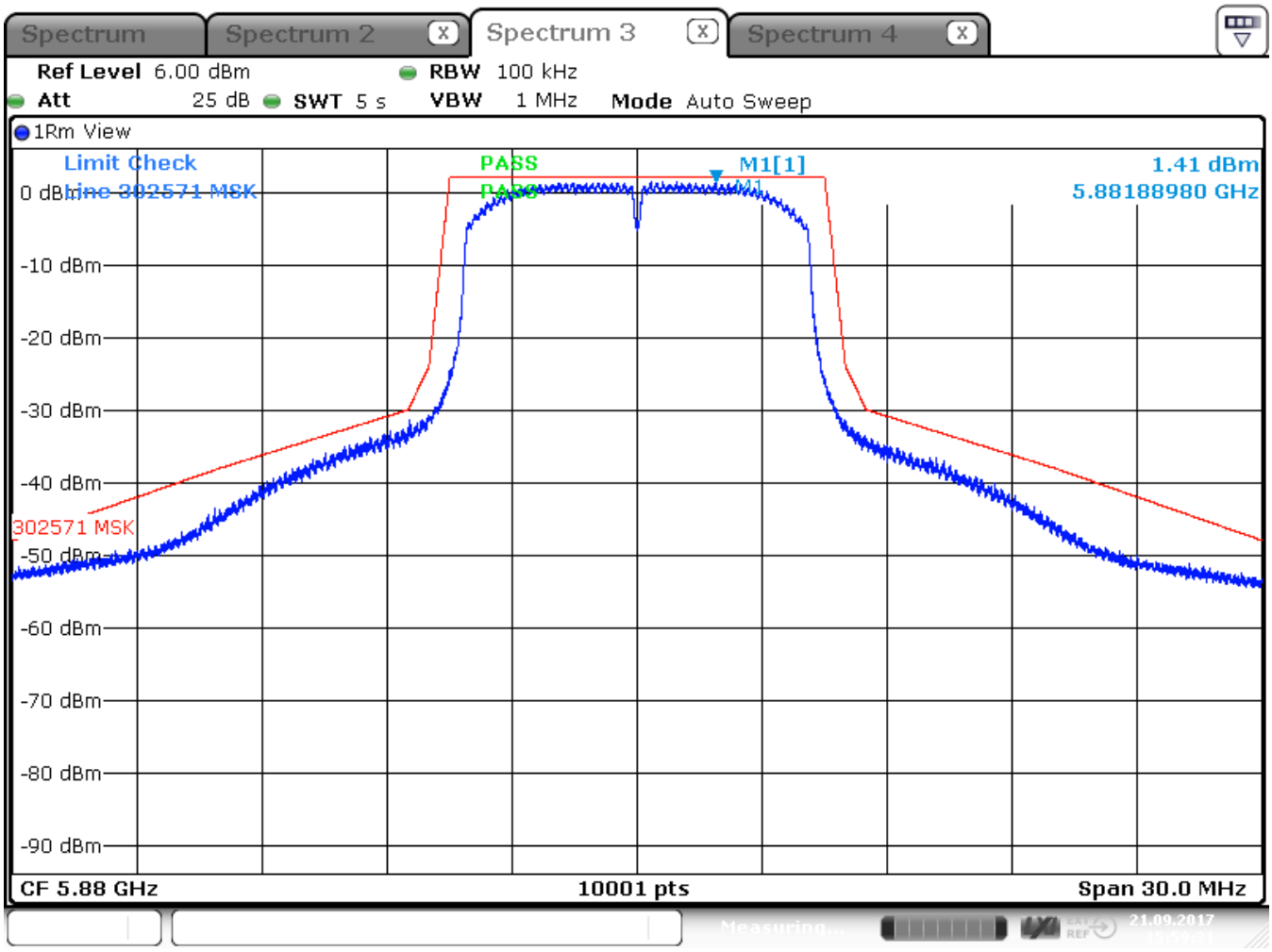
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 2 – data rate 3 MBps

Transmitter operating – 5880 MHz Modulated



Date: 21.SEP.2017 15:59:31

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

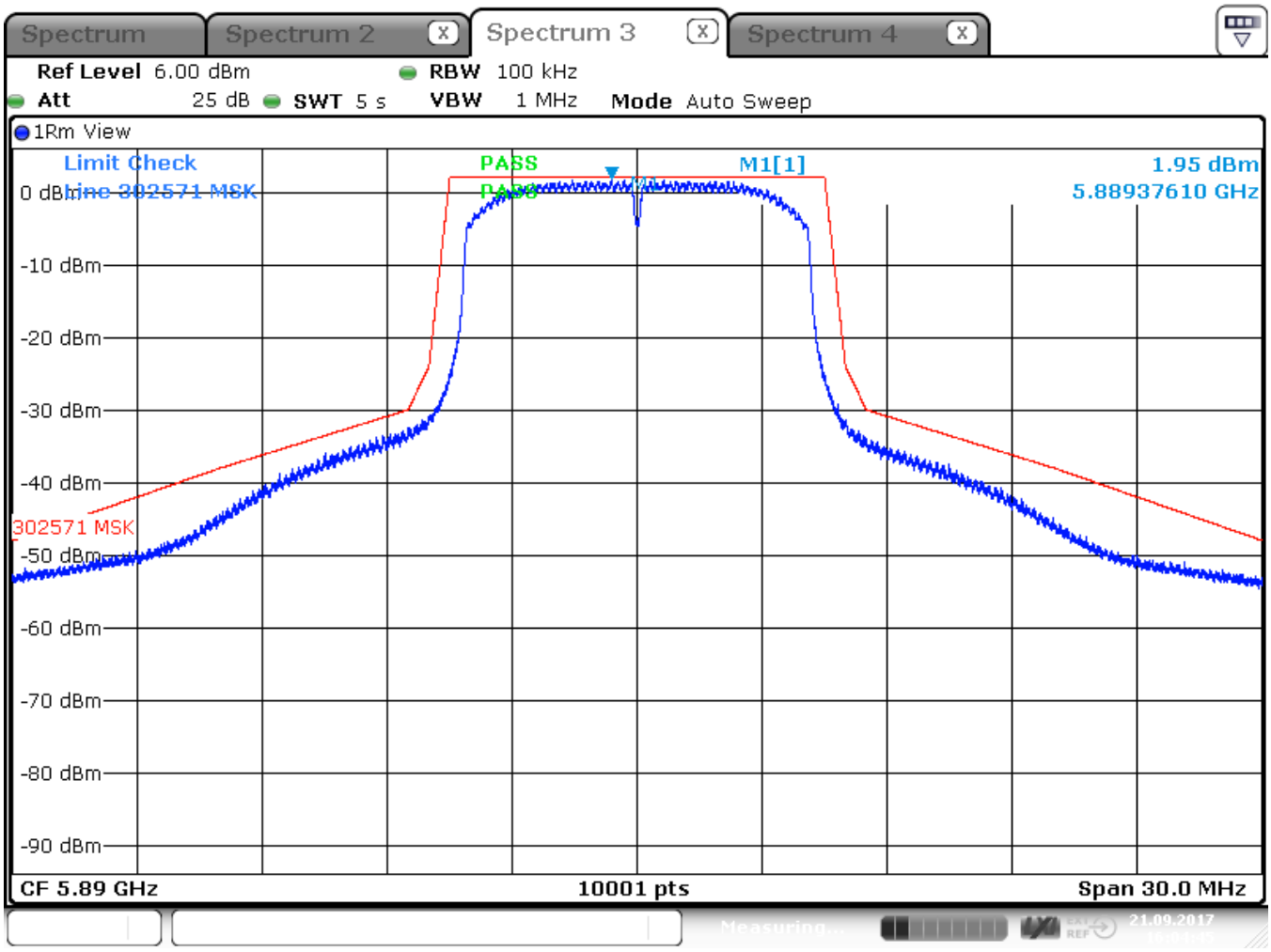
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 2 – data rate 3 MBps

Transmitter operating – 5890 MHz Modulated



Date:21.SEP.2017 16:04:46

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

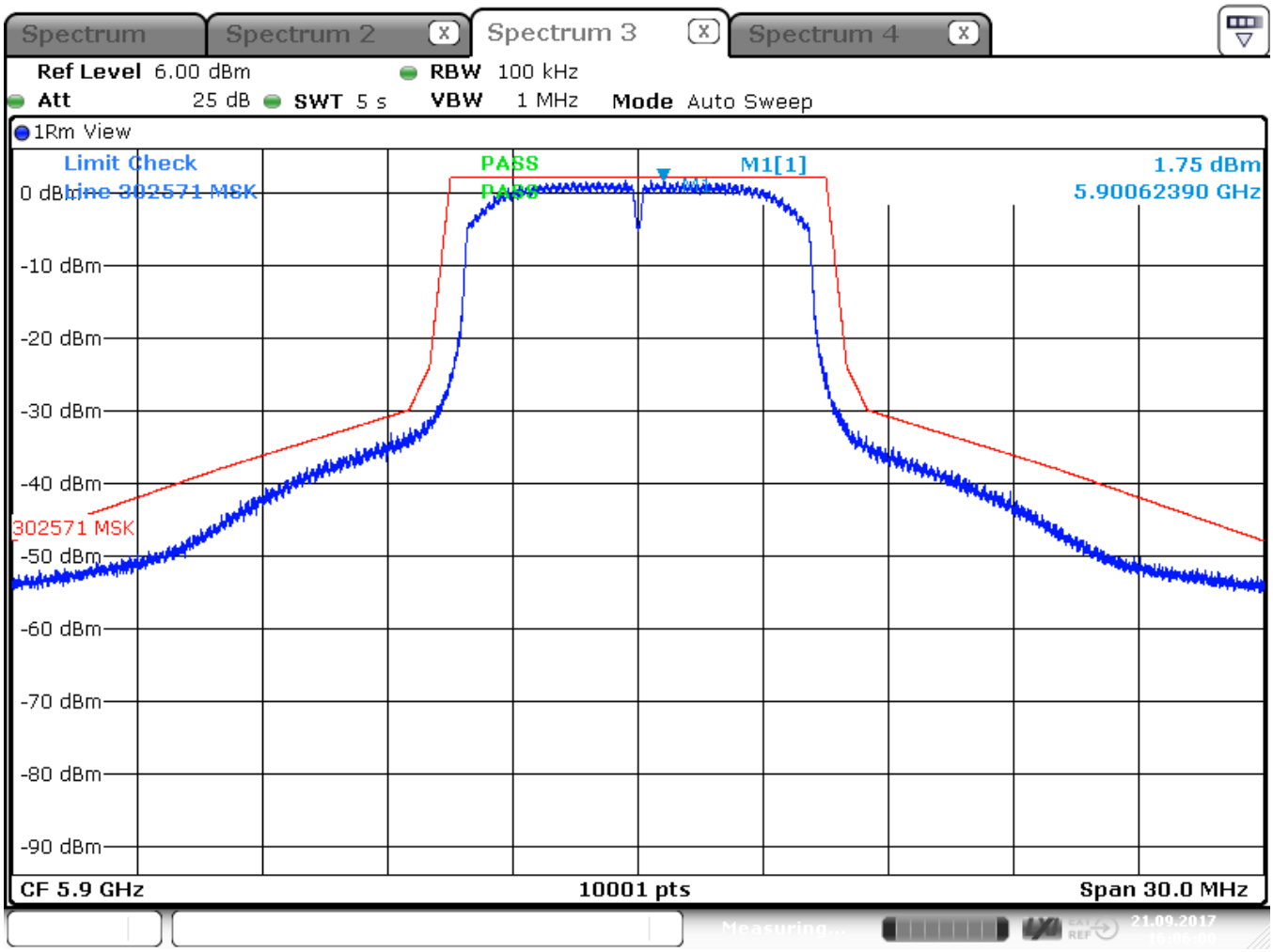
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 2 – data rate 3 MBps

Transmitter operating – 5900 MHz Modulated



Date:21.SEP.2017 16:06:01

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

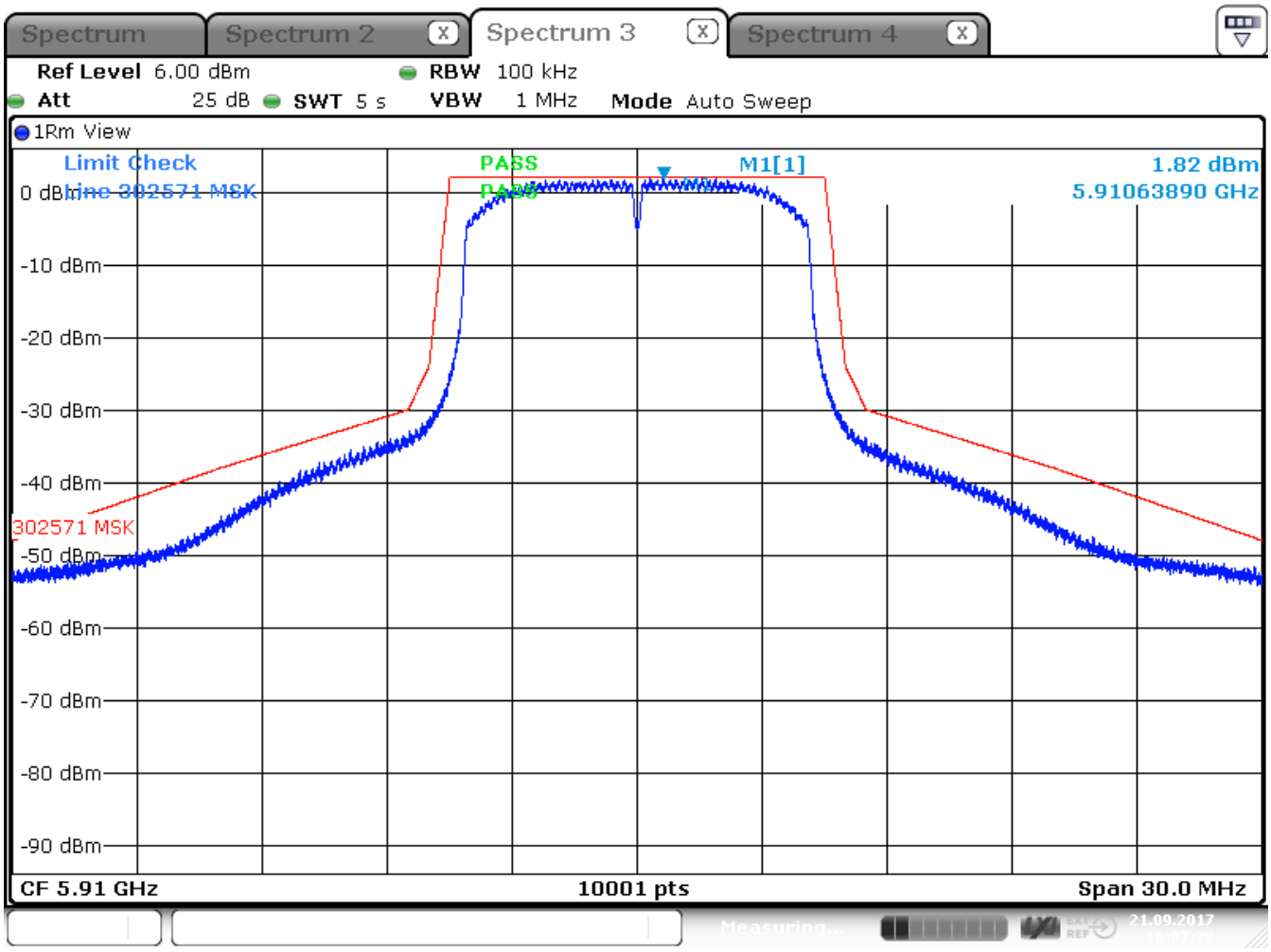
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 2 – data rate 3 MBps

Transmitter operating – 5910 MHz Modulated



Date: 21.SEP.2017 16:07:30

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

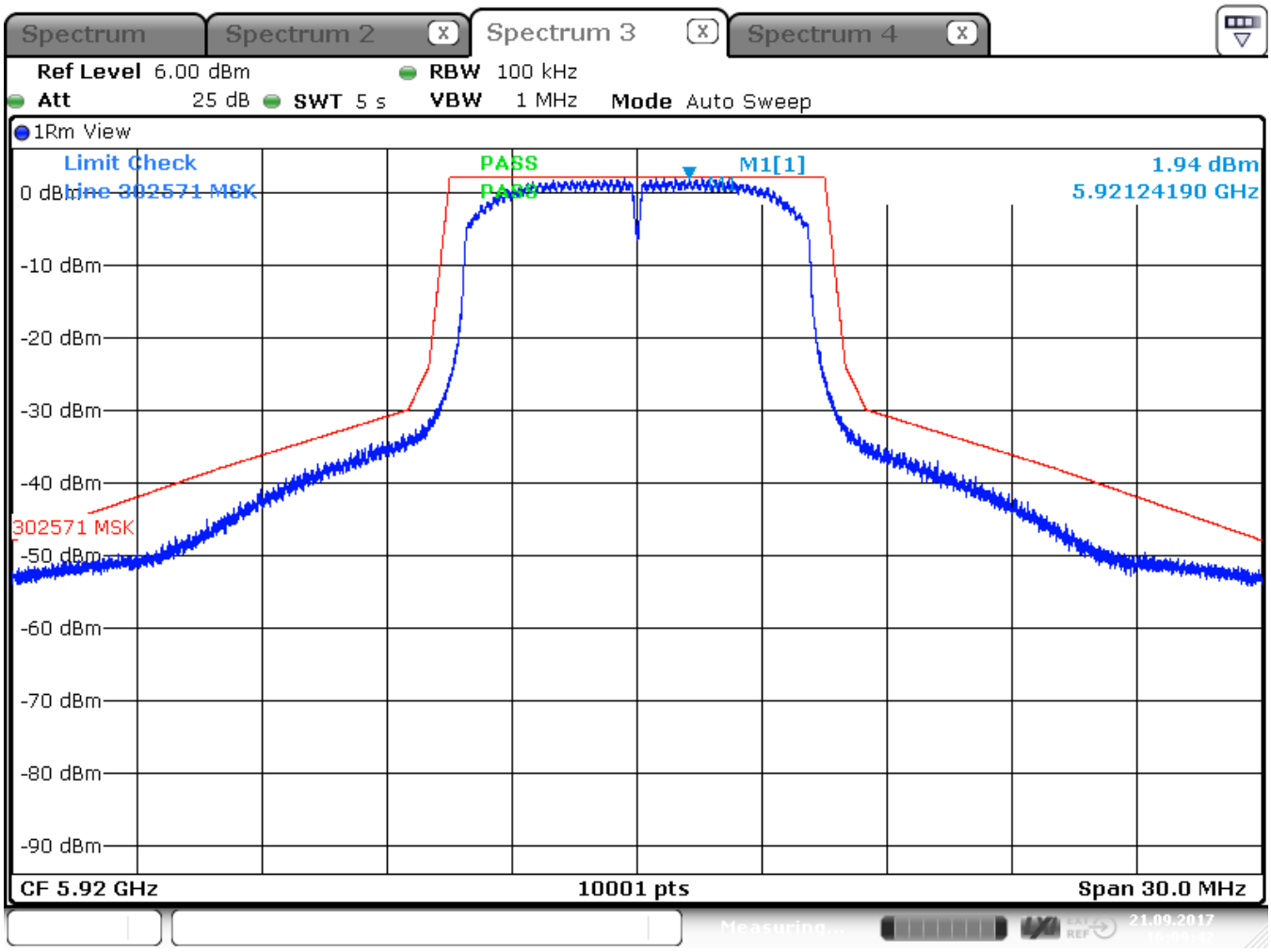
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 2 – data rate 3 MBps

Transmitter operating – 5920 MHz Modulated



Date: 21.SEP.2017 16:09:43

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

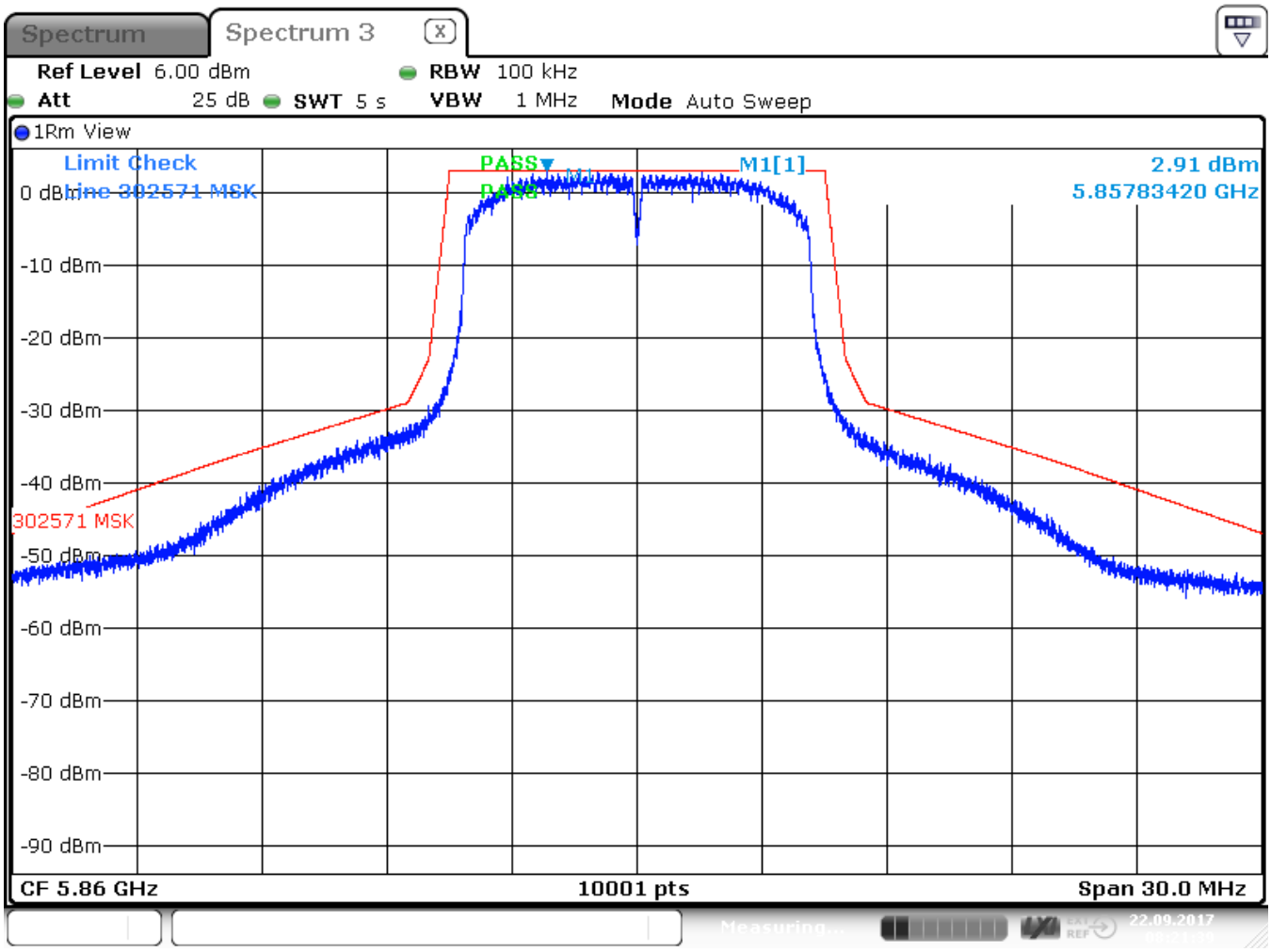
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 1 – data rate 27 MBps

Transmitter operating – 5860 MHz Modulated



Date: 22.SEP.2017 08:21:40

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

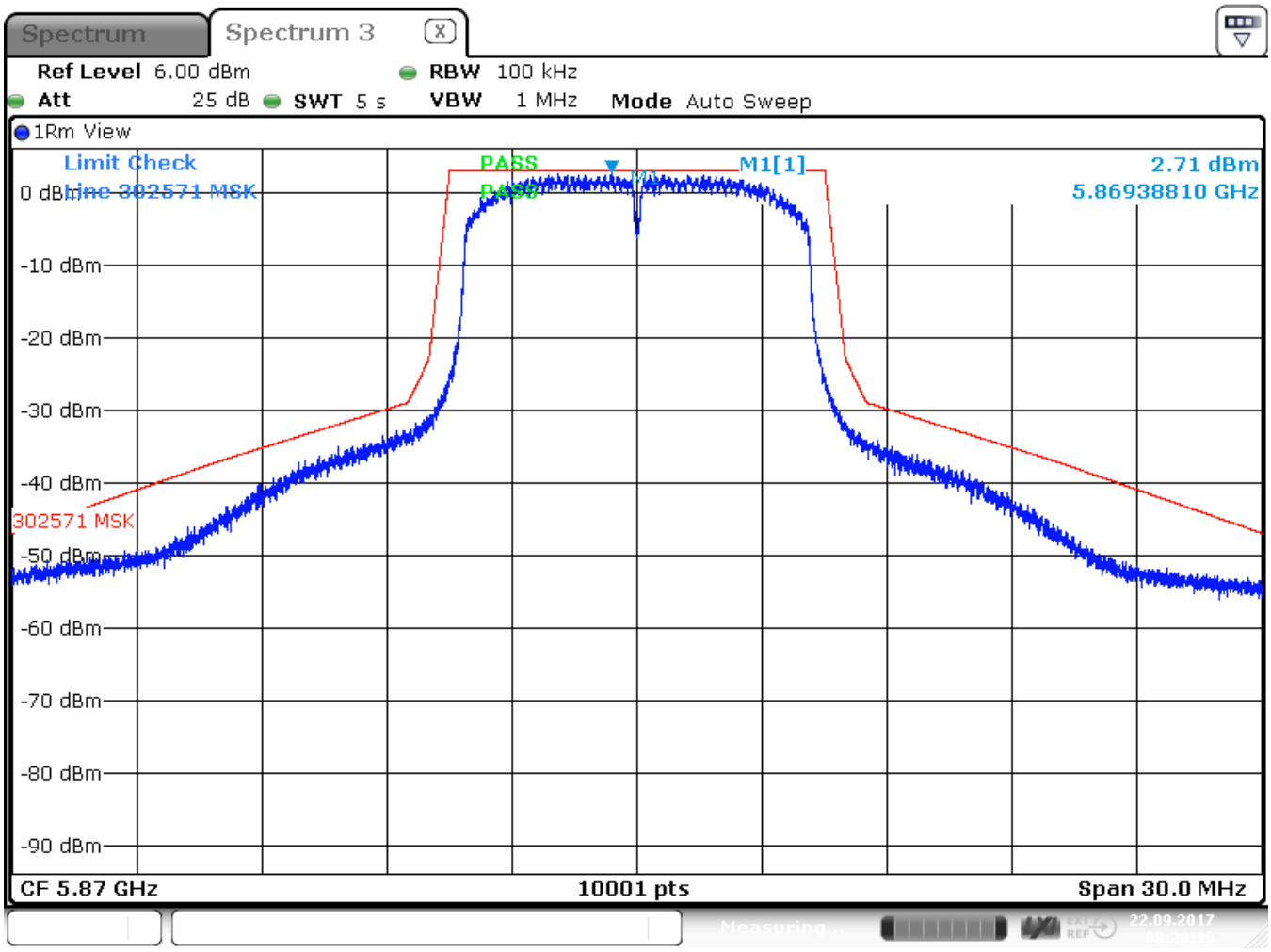
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 1 – data rate 27 MBps

Transmitter operating – 5870 MHz Modulated



Date: 22.SEP.2017 08:20:16

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

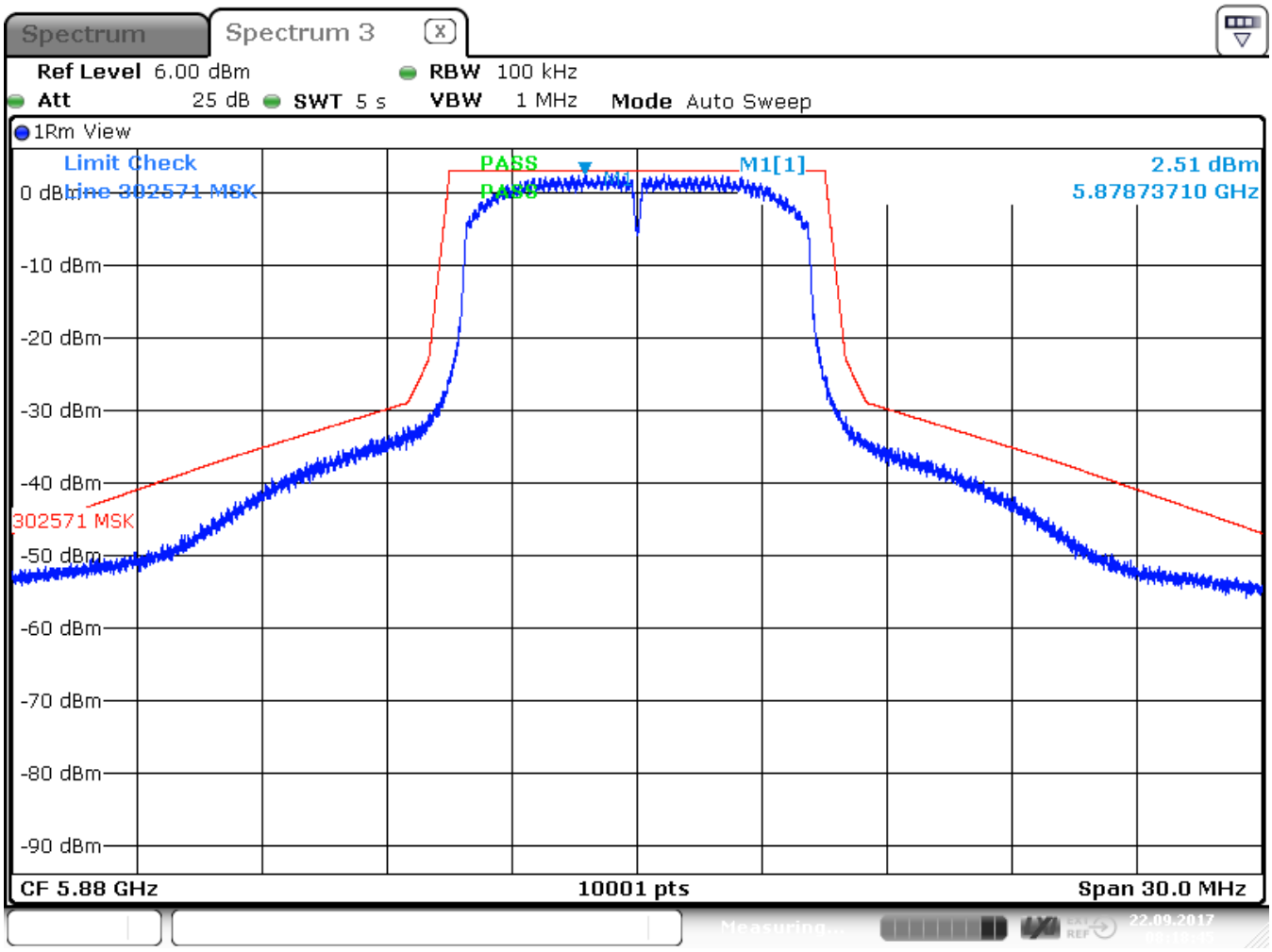
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 1 – data rate 27 MBps

Transmitter operating – 5880 MHz Modulated



Date: 22.SEP.2017 08:18:46

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

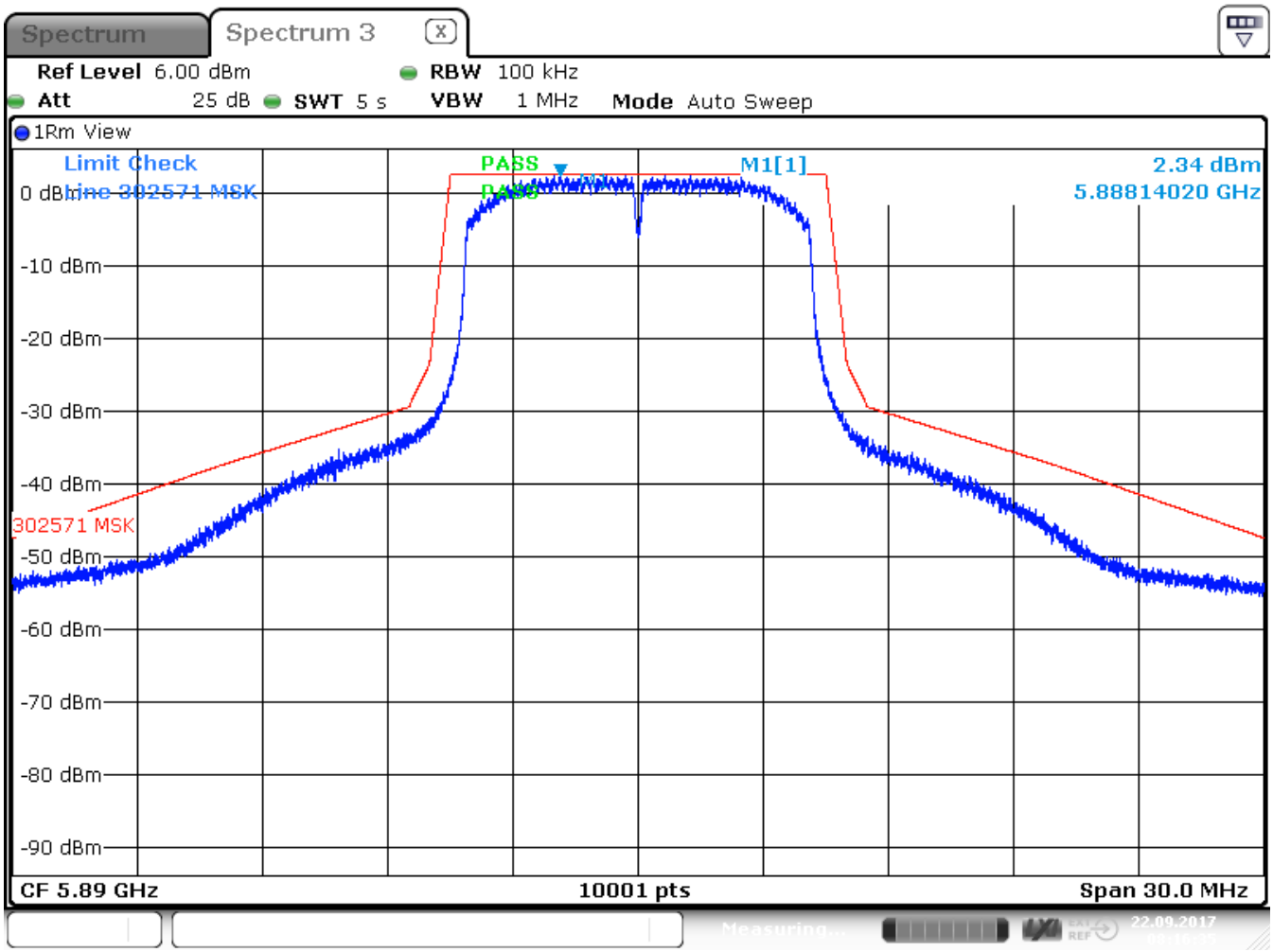
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 1 – data rate 27 MBps

Transmitter operating – 5890 MHz Modulated



Date:22.SEP.2017 08:16:36

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

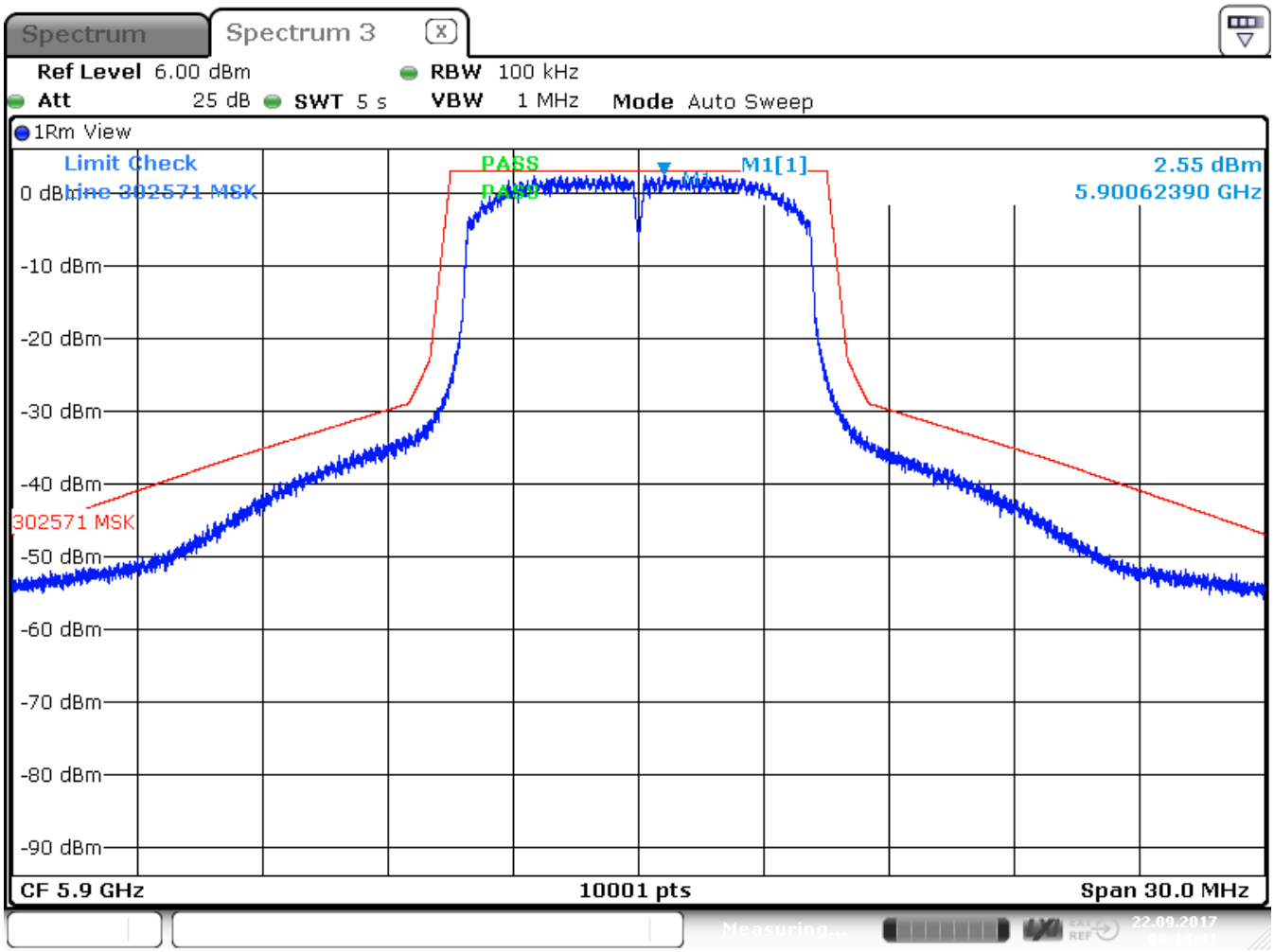
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 1 – data rate 27 MBps

Transmitter operating – 5900 MHz Modulated



Date:22.SEP.2017 08:14:41

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

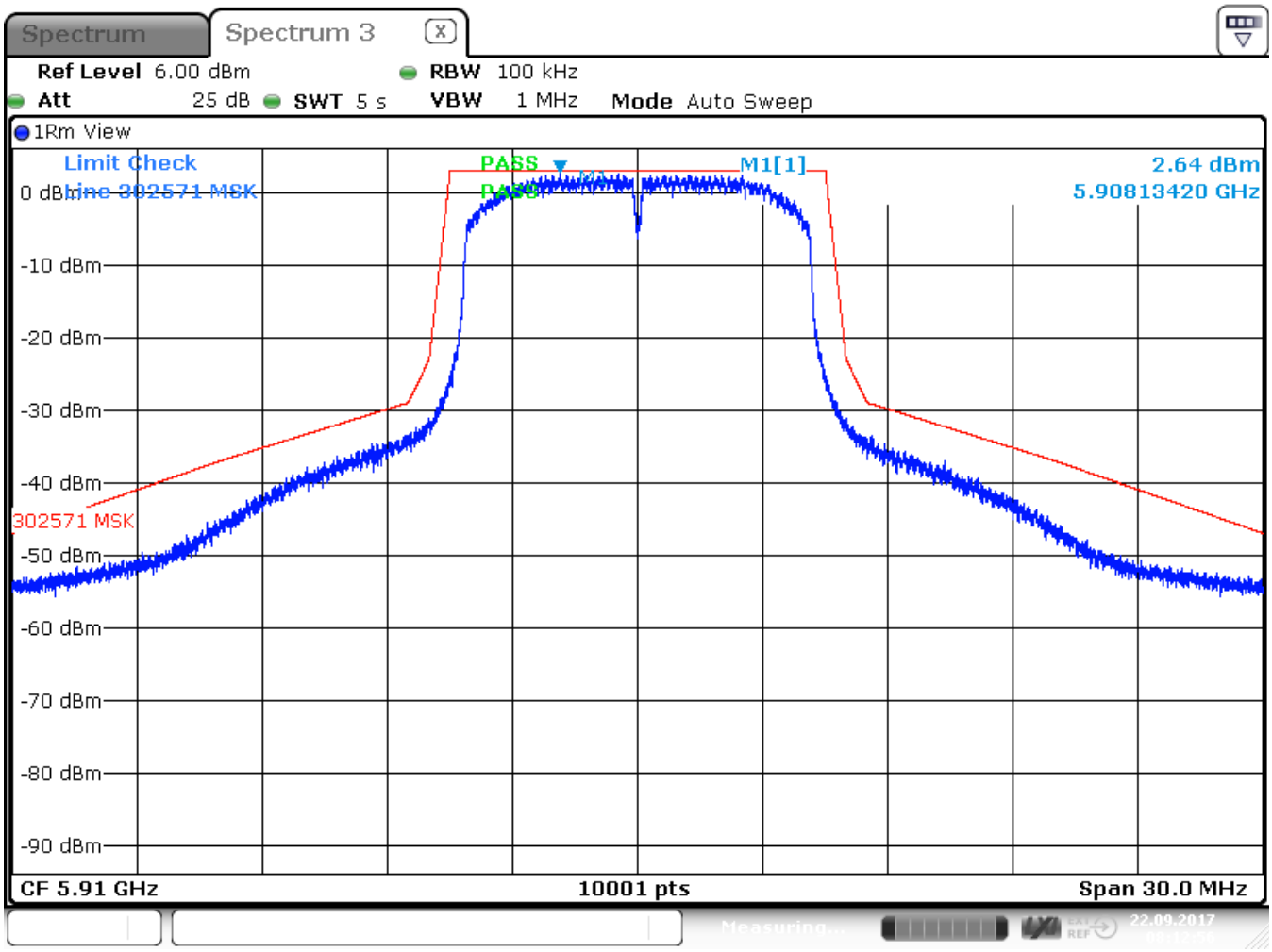
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 1 – data rate 27 MBps

Transmitter operating – 5910 MHz Modulated



Date:22.SEP.2017 08:12:56

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

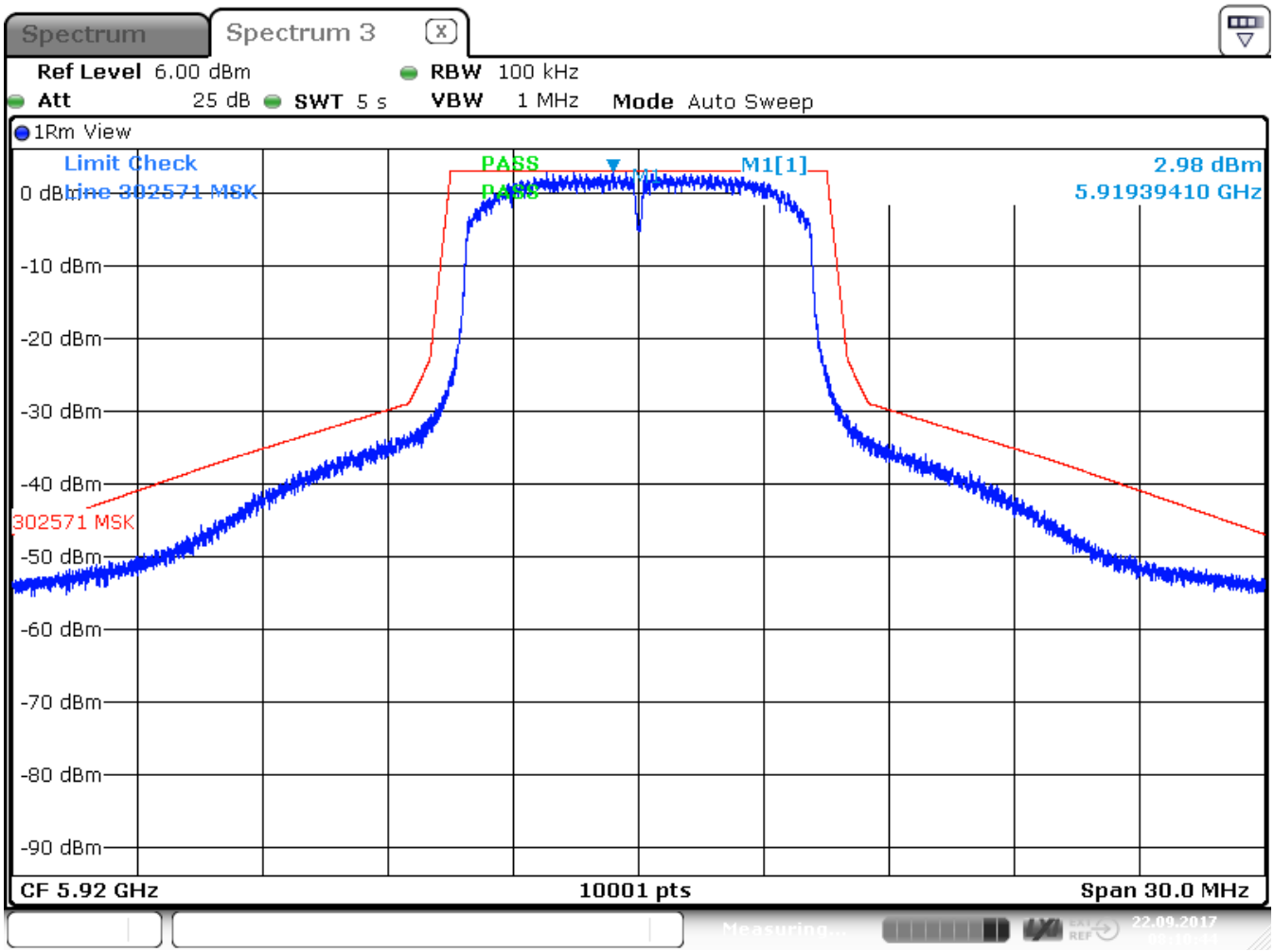
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 1 – data rate 27 MBps

Transmitter operating – 5920 MHz Modulated



Date:22.SEP.2017 08:10:45

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

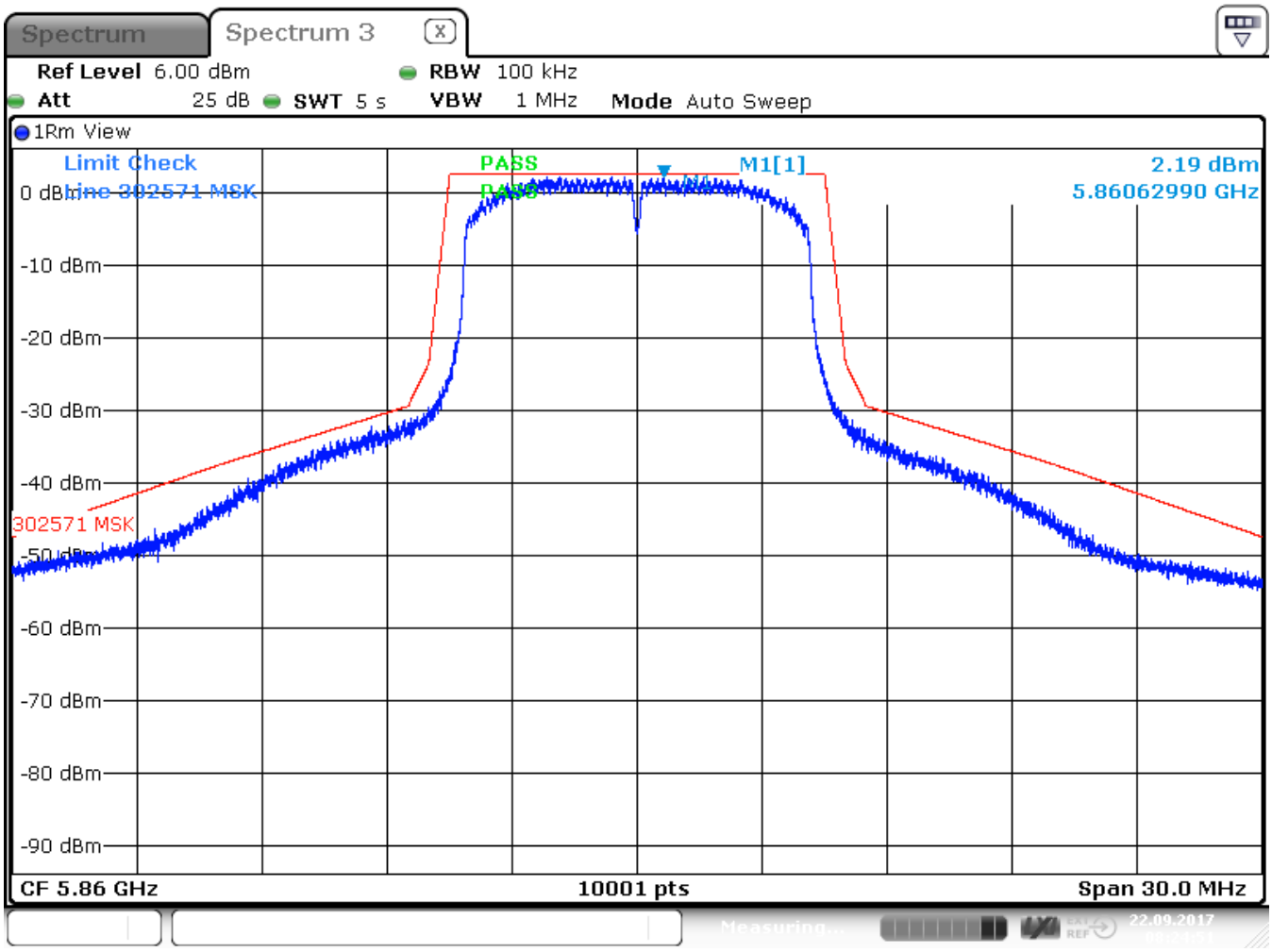
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 2 – data rate 27 MBps

Transmitter operating – 5860 MHz Modulated



Date: 22.SEP.2017 08:24:51

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

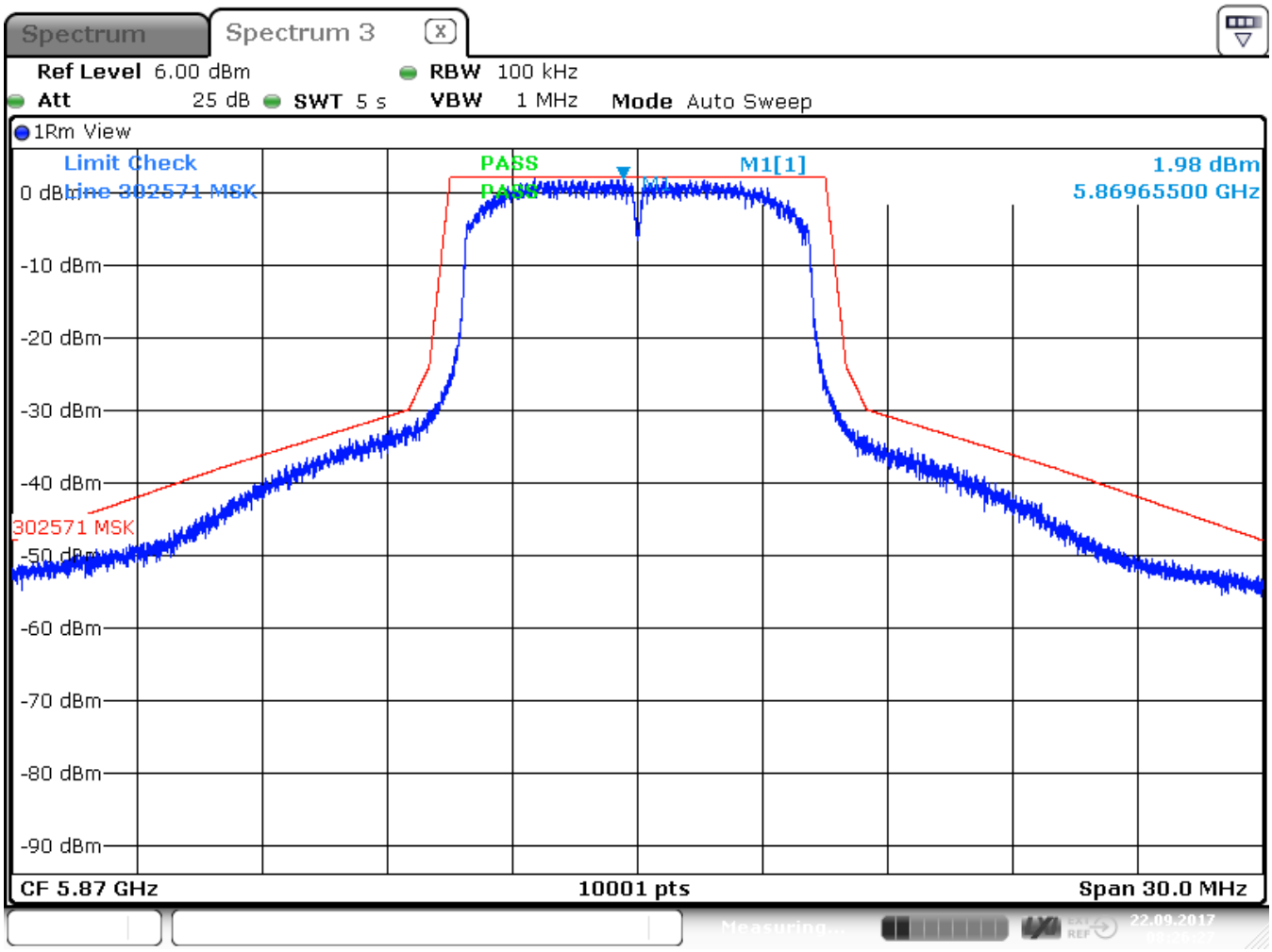
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 2 – data rate 27 MBps

Transmitter operating – 5870 MHz Modulated



Date: 22.SEP.2017 08:26:28

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

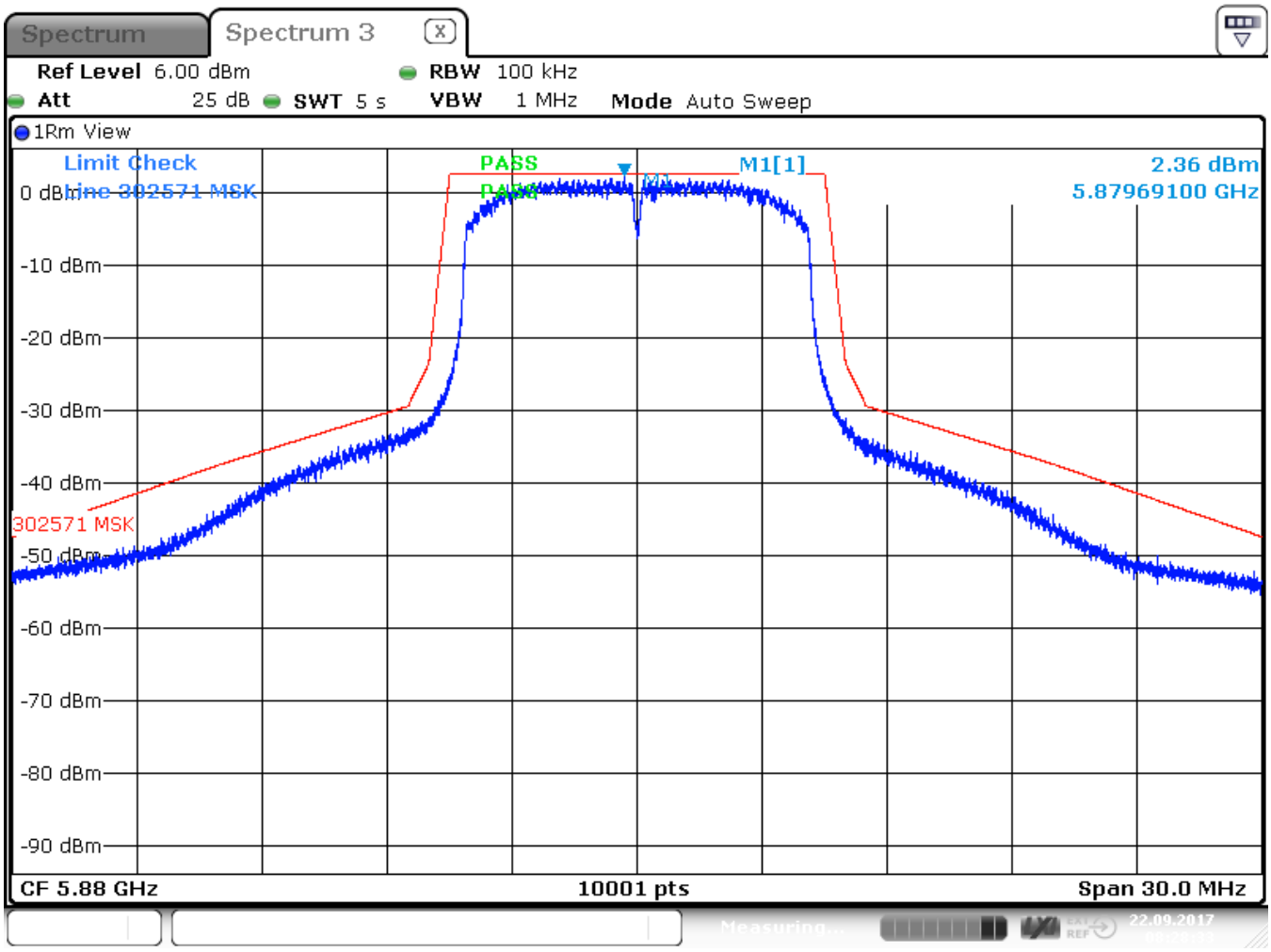
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 2 – data rate 27 MBps

Transmitter operating – 5880 MHz Modulated



Date: 22.SEP.2017 08:28:34

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

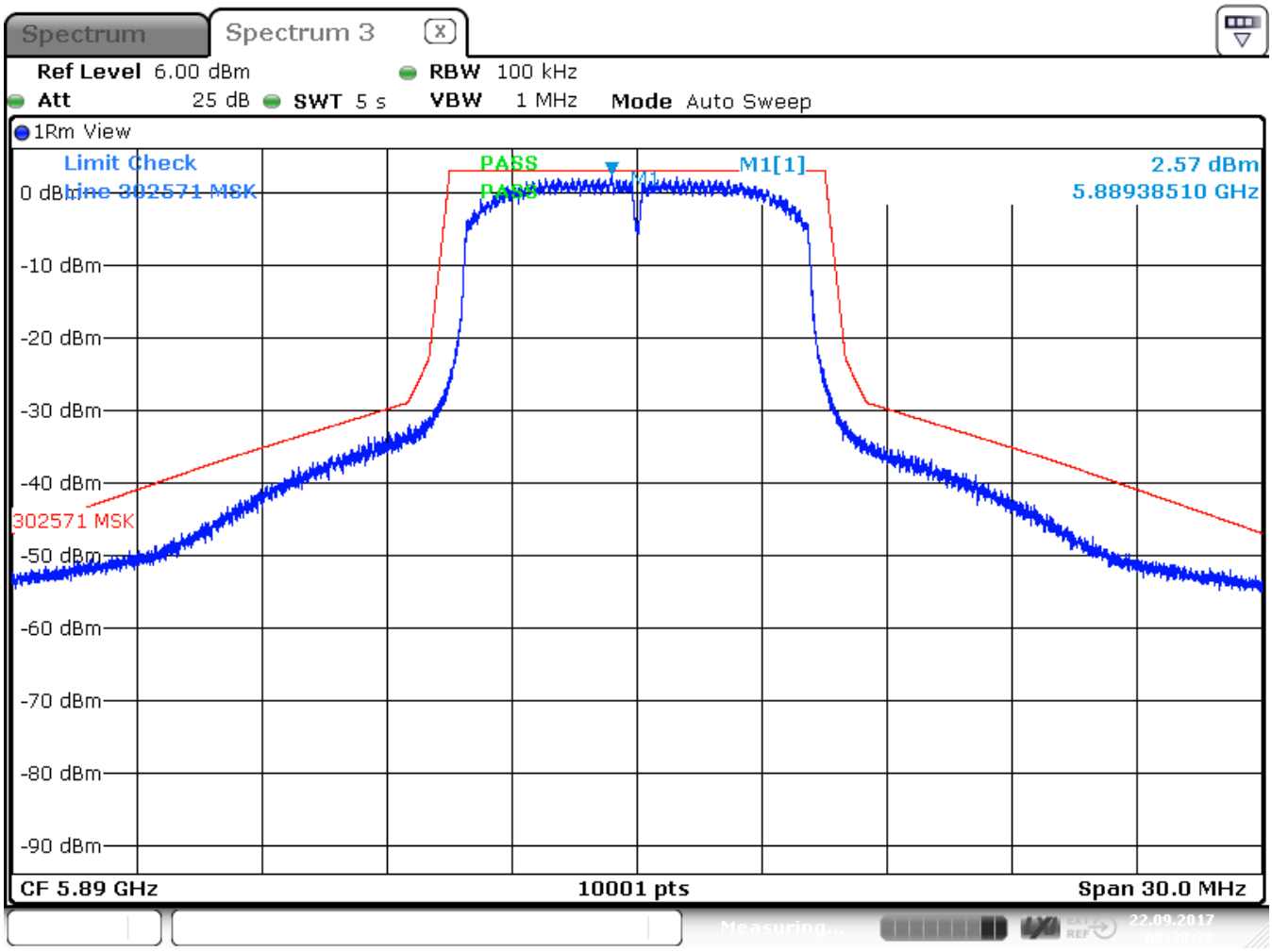
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 2 – data rate 27 MBps

Transmitter operating – 5890 MHz Modulated



Date: 22.SEP.2017 08:30:28

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

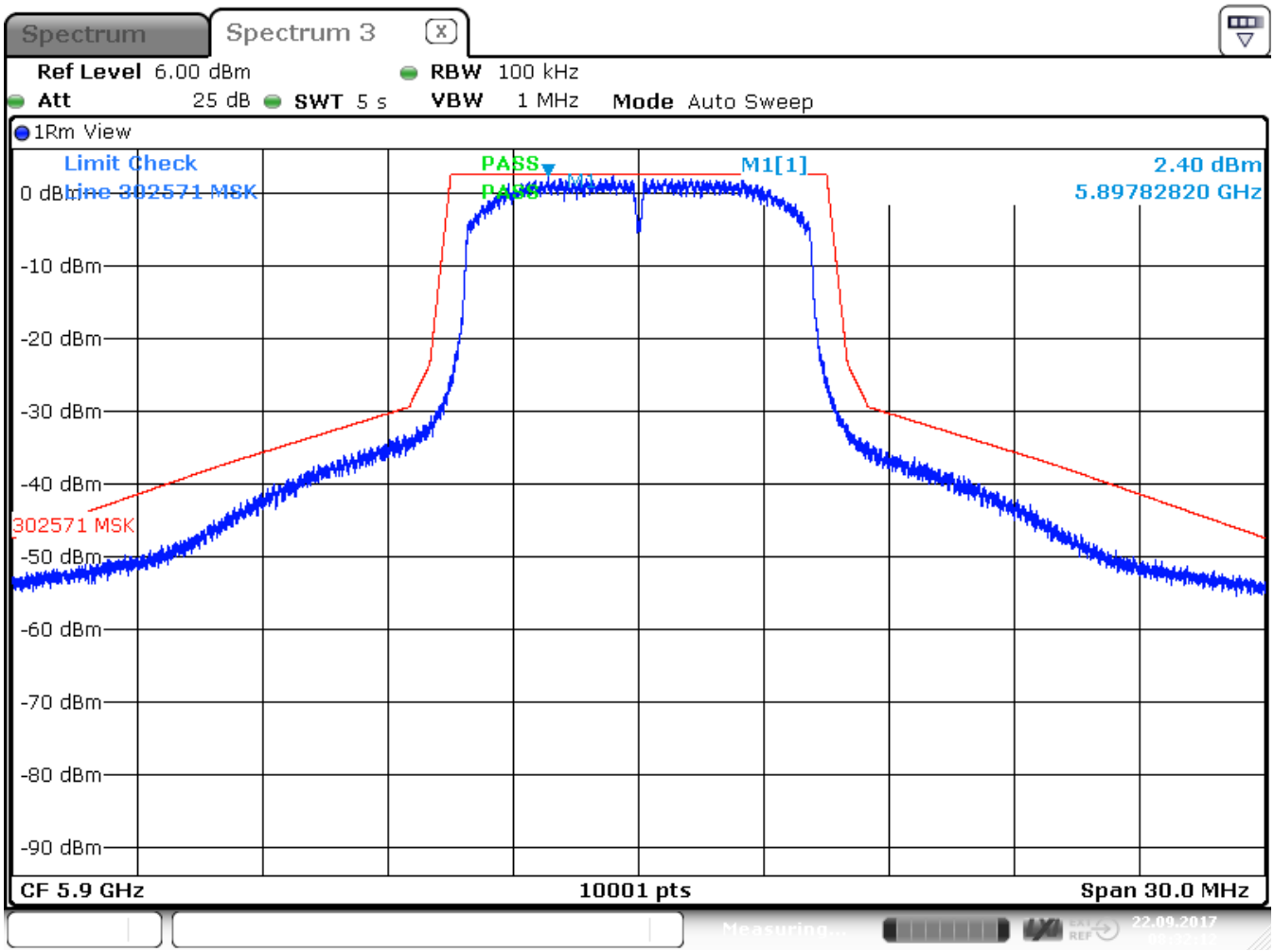
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 2 – data rate 27 MBps

Transmitter operating – 5900 MHz Modulated



Date:22.SEP.2017 08:32:12

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

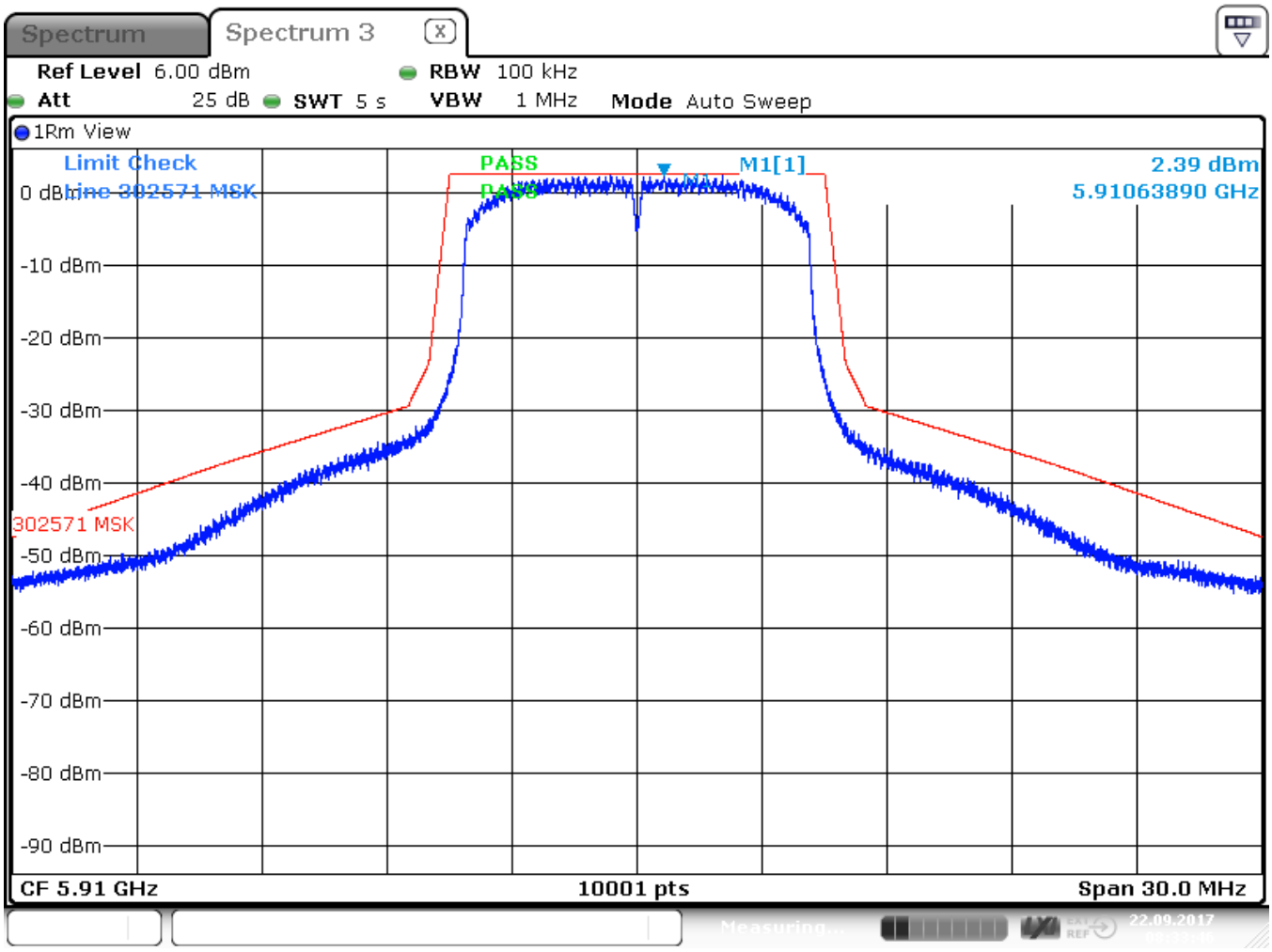
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 2 – data rate 27 MBps

Transmitter operating – 5910 MHz Modulated



Date:22.SEP.2017 08:33:46

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

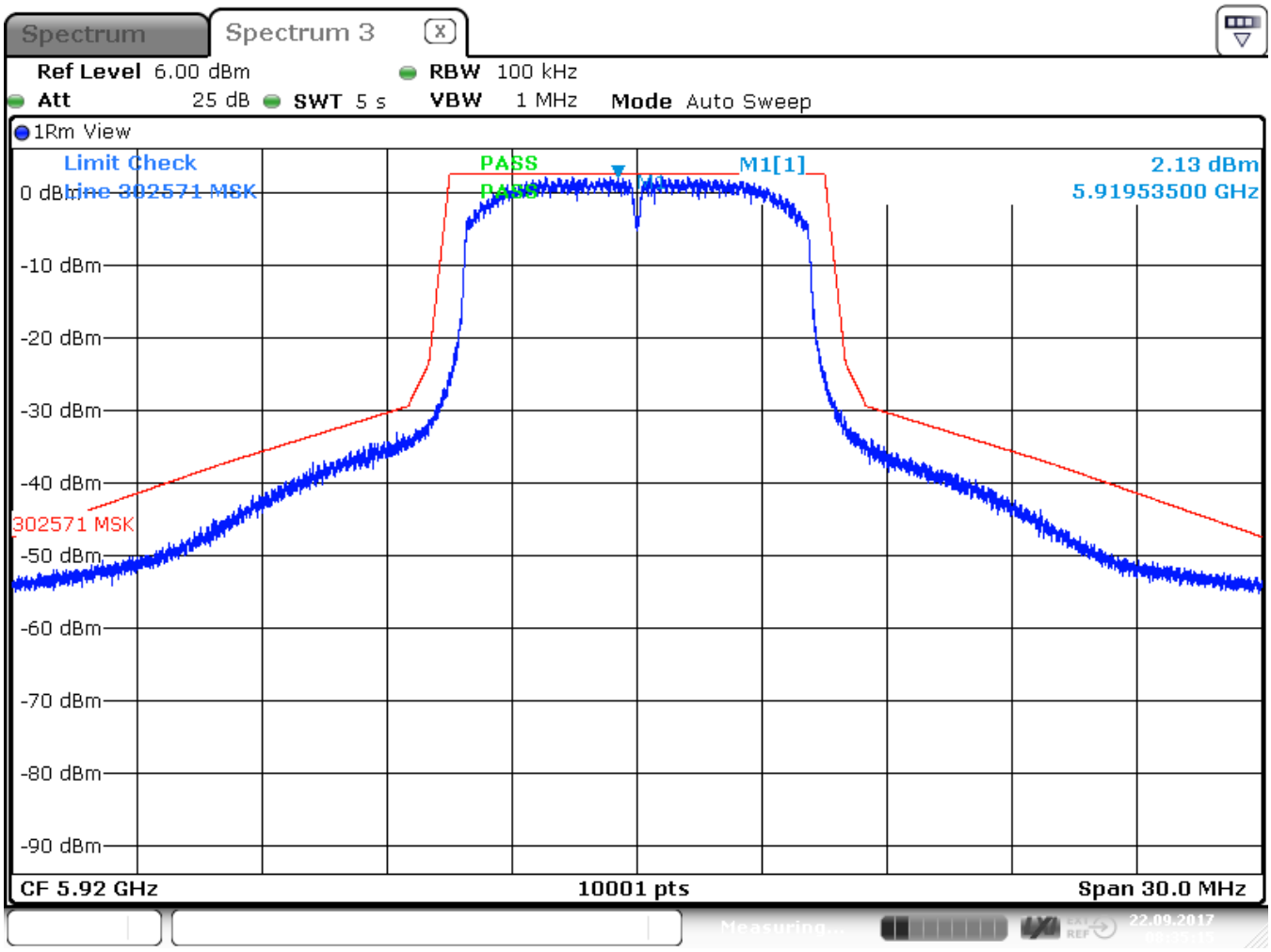
Ambient temperature: 23°C Relative humidity: 40%

Transmitter spectrum mask within the 5 GHz ITS frequency band for 10 MHz channels SUBCLAUSE 8.10.6

Rated output power 27 dBm eirp (conducted measurement)

Measured Radio: 2 – data rate 27 MBps

Transmitter operating – 5920 MHz Modulated



Date:22.SEP.2017 08:35:15

LIMITS SUBCLAUSE 8.10.6

See page 53.

TEST EQUIPMENT USED: EMV-205

Ambient temperature: 23°C Relative humidity: 40%

Receiver spurious emissions SUBCLAUSE 15.209

LIMITS SUBCLAUSE 15.209

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

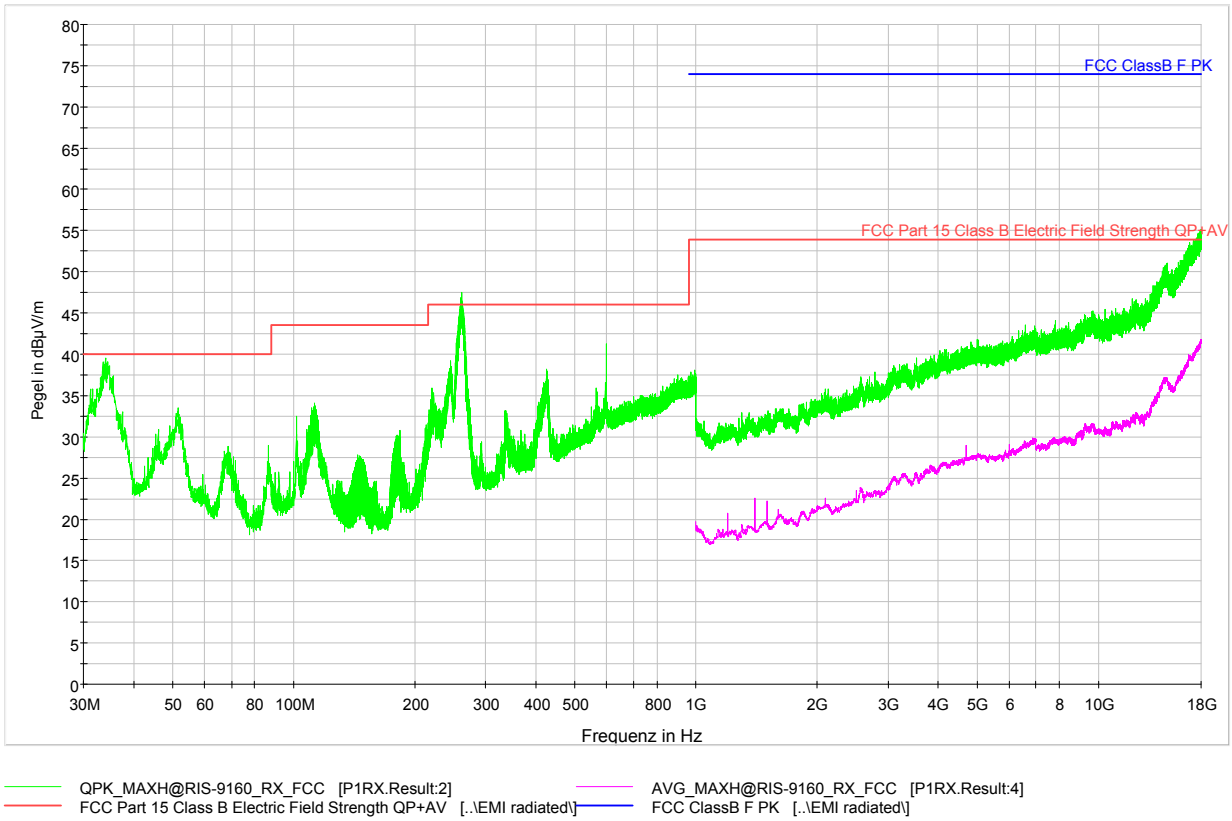
Ambient temperature: 23°C Relative humidity: 40%

Receiver spurious emissions **SUBCLAUSE 15.209**

radiated measurement

Measured Radio: Both receiving at the same frequency – powered via Power over Ethernet

Receiver operating – 5860 MHz



Quasi-Peak values:

33,6 MHz 27,7 dBµV/m
261,51 MHz 37,7 dBµV/m
600,00 MHz 37,7 dBµV/m

LIMITS **SUBCLAUSE 15.209**

See page 82.

TEST EQUIPMENT USED: EMV-100; EMV-101; EMV-102; EMV-103; EMV-110; EMV-111; EMV-112; EMV-200; EMV-202

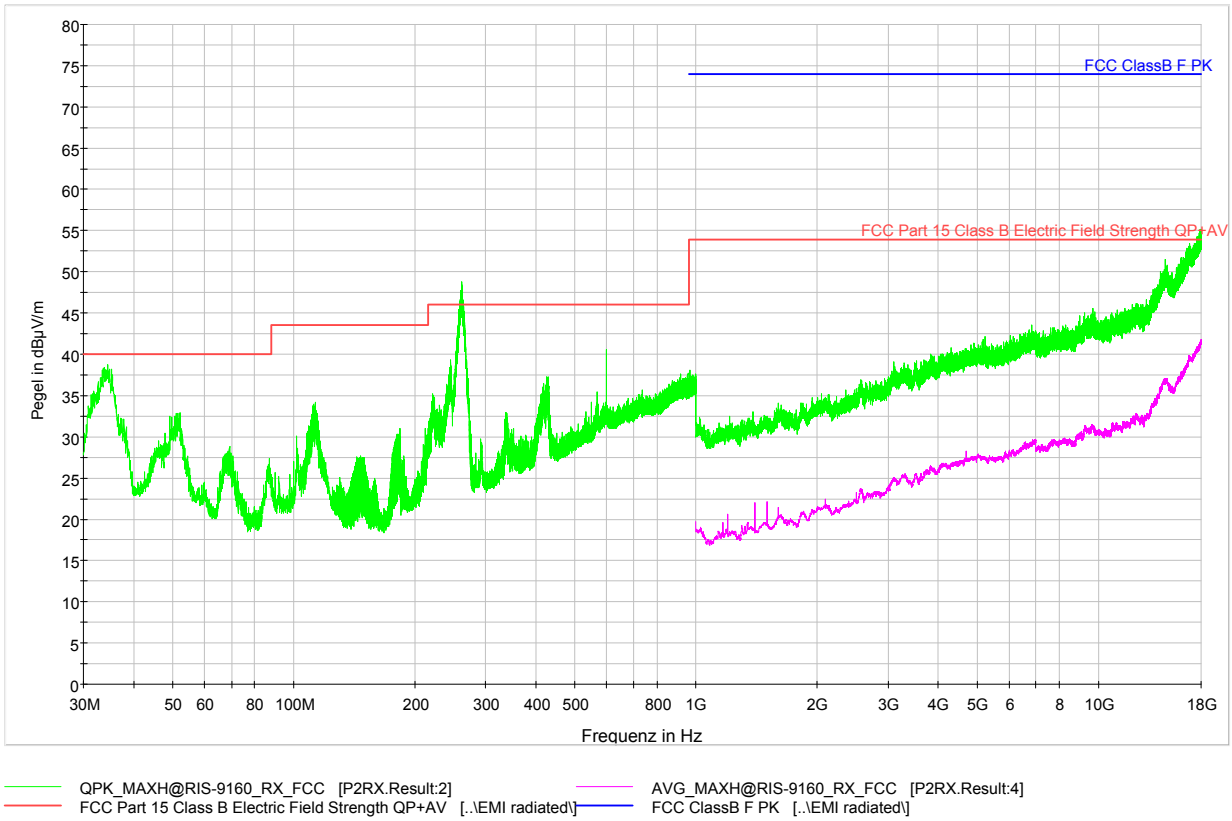
Ambient temperature: 23°C Relative humidity: 40%

Receiver spurious emissions **SUBCLAUSE 15.209**

radiated measurement

Measured Radio: Both receiving at the same frequency – powered via Power over Ethernet

Receiver operating – 5870 MHz



Quasi-Peak values:

33,6 MHz 27,4 dBµV/m
261,51 MHz 37,7 dBµV/m
600,00 MHz 37,7 dBµV/m

LIMITS **SUBCLAUSE 15.209**

See page 82.

TEST EQUIPMENT USED: EMV-100; EMV-101; EMV-102; EMV-103; EMV-110; EMV-111; EMV-112; EMV-200; EMV-202

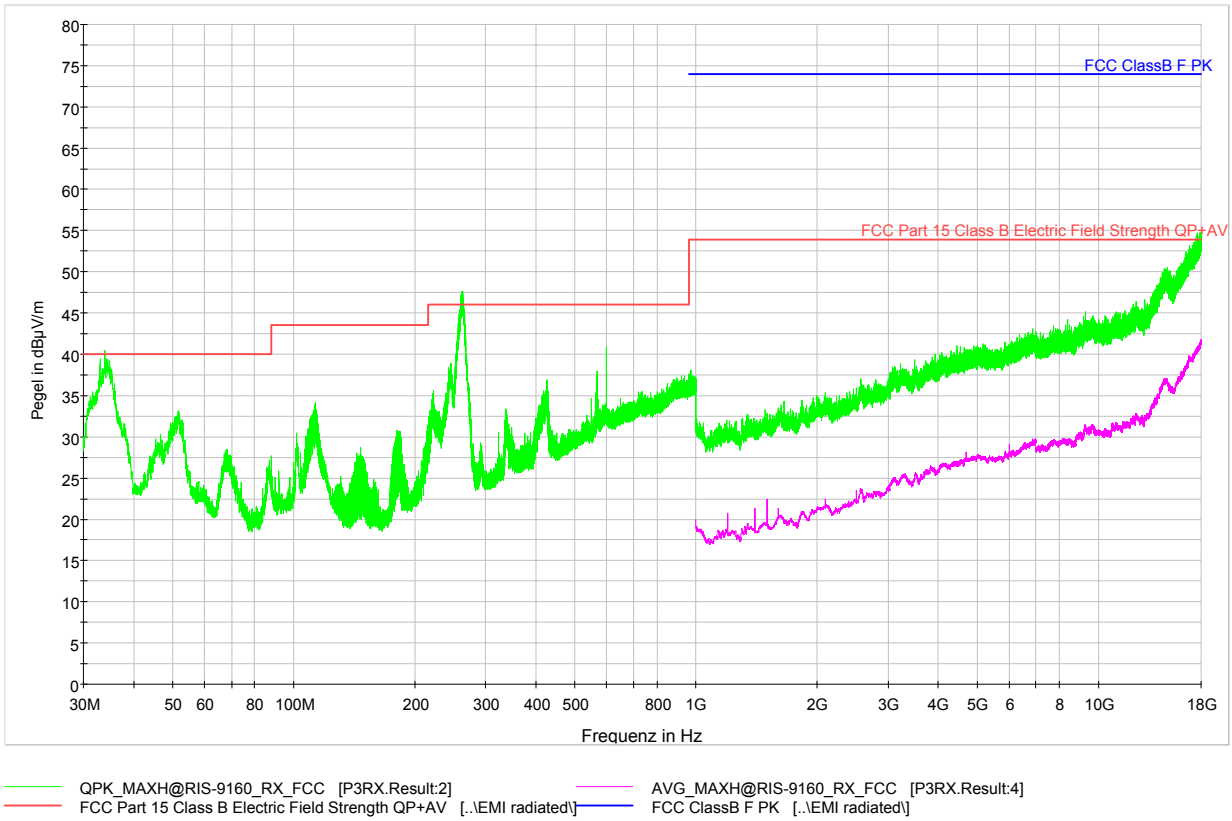
Ambient temperature: 23°C Relative humidity: 40%

Receiver spurious emissions **SUBCLAUSE 15.209**

radiated measurement

Measured Radio: Both receiving at the same frequency – powered via Power over Ethernet

Receiver operating – 5880 MHz



Quasi-Peak values:

33,6 MHz 27,7 dBµV/m
261,51 MHz 37,7 dBµV/m
600,00 MHz 37,7 dBµV/m

LIMITS **SUBCLAUSE 15.209**

See page 82.

TEST EQUIPMENT USED: EMV-100; EMV-101; EMV-102; EMV-103; EMV-110; EMV-111; EMV-112; EMV-200; EMV-202

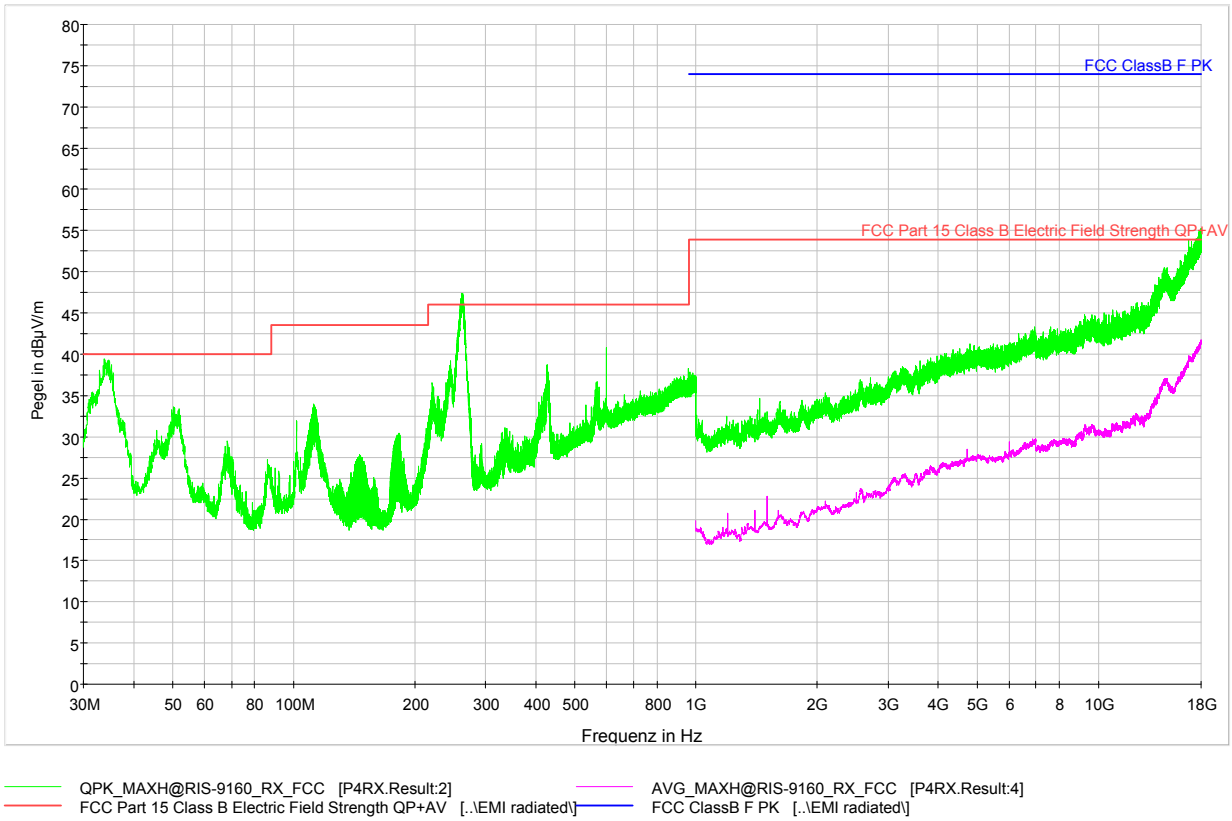
Ambient temperature: 23°C Relative humidity: 40%

Receiver spurious emissions **SUBCLAUSE 15.209**

radiated measurement

Measured Radio: Both receiving at the same frequency – powered via Power over Ethernet

Receiver operating – 5890 MHz



Quasi-Peak values:

33,6 MHz 27,7 dBµV/m
261,51 MHz 37,7 dBµV/m
600,00 MHz 37,7 dBµV/m

LIMITS **SUBCLAUSE 15.209**

See page 82.

TEST EQUIPMENT USED: EMV-100; EMV-101; EMV-102; EMV-103; EMV-110; EMV-111; EMV-112; EMV-200; EMV-202

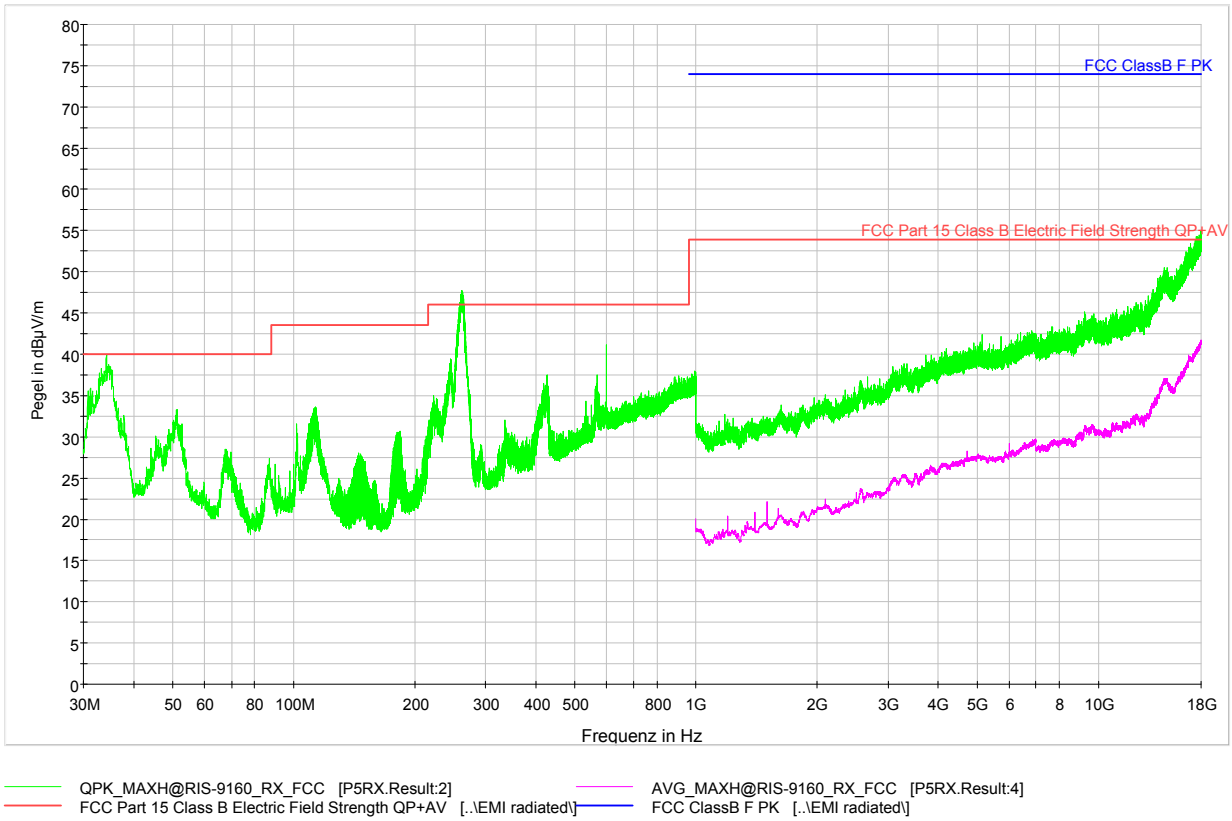
Ambient temperature: 23°C Relative humidity: 40%

Receiver spurious emissions **SUBCLAUSE 15.209**

radiated measurement

Measured Radio: Both receiving at the same frequency – powered via Power over Ethernet

Receiver operating – 5900 MHz



Quasi-Peak values:

33,6 MHz 27,5 dBµV/m
261,51 MHz 37,7 dBµV/m
600,00 MHz 37,7 dBµV/m

LIMITS **SUBCLAUSE 15.209**

See page 82.

TEST EQUIPMENT USED: EMV-100; EMV-101; EMV-102; EMV-103; EMV-110; EMV-111; EMV-112; EMV-200; EMV-202

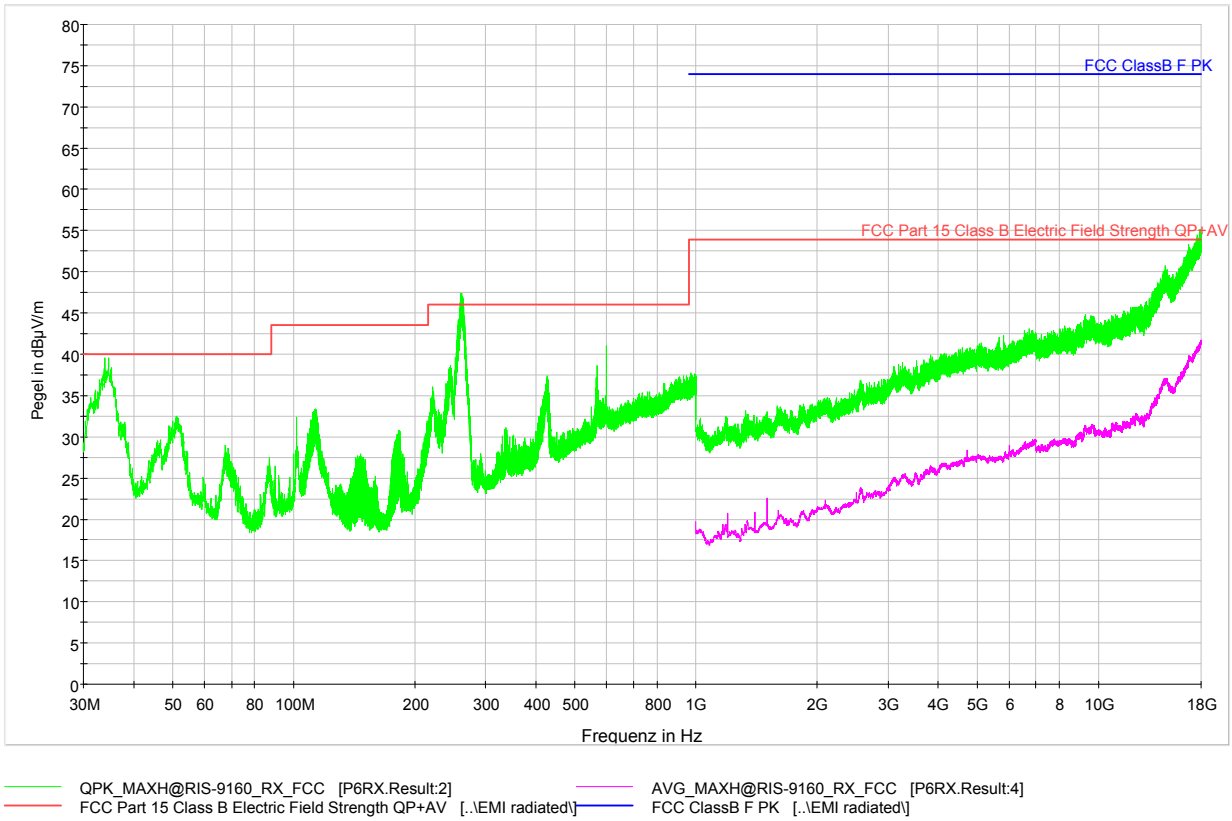
Ambient temperature: 23°C Relative humidity: 40%

Receiver spurious emissions **SUBCLAUSE 15.209**

radiated measurement

Measured Radio: Both receiving at the same frequency – powered via Power over Ethernet

Receiver operating – 5910 MHz



Quasi-Peak values:

33,6 MHz 27,7 dBµV/m
261,51 MHz 37,7 dBµV/m
600,00 MHz 37,7 dBµV/m

LIMITS **SUBCLAUSE 15.209**

See page 82.

TEST EQUIPMENT USED: EMV-100; EMV-101; EMV-102; EMV-103; EMV-110; EMV-111; EMV-112; EMV-200; EMV-202

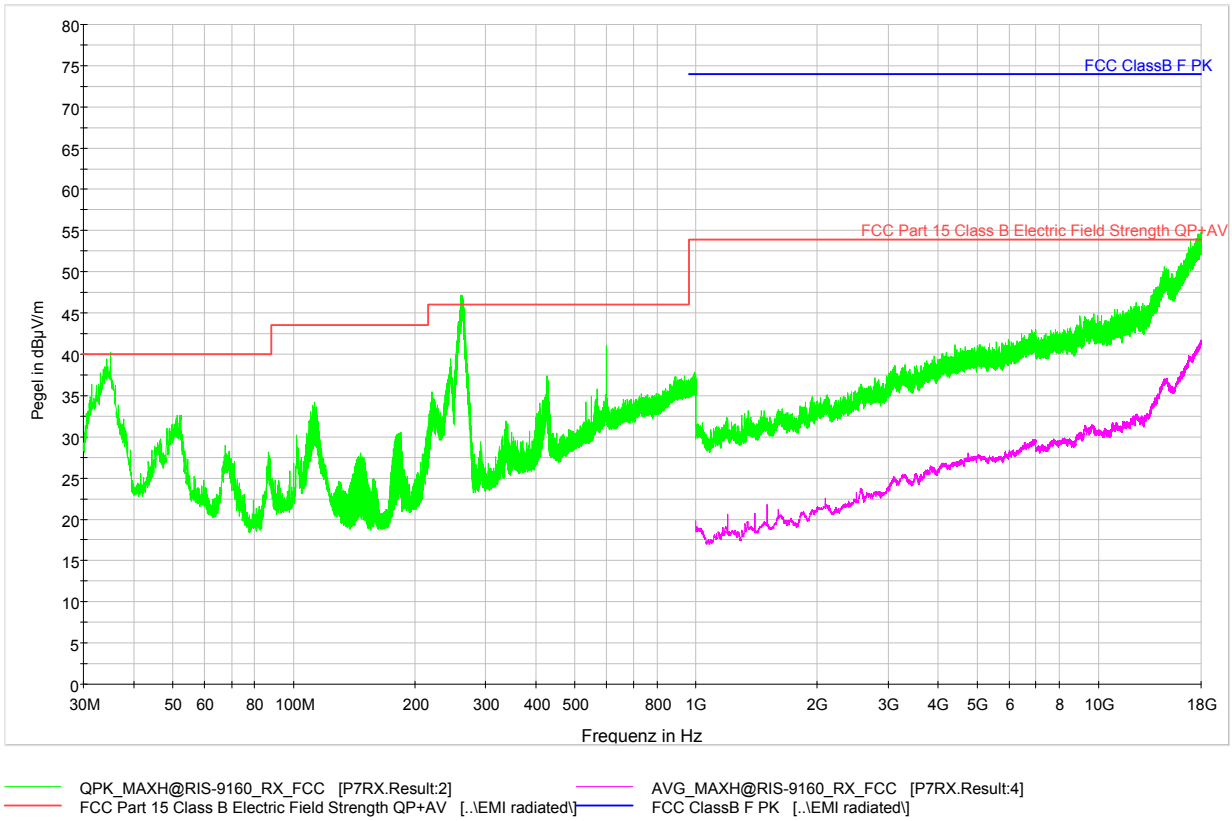
Ambient temperature: 23°C Relative humidity: 40%

Receiver spurious emissions **SUBCLAUSE 15.209**

radiated measurement

Measured Radio: Both receiving at the same frequency – powered via Power over Ethernet

Receiver operating – 5920 MHz



Quasi-Peak values:

33,6 MHz 27,7 dBµV/m
261,51 MHz 37,7 dBµV/m
600,00 MHz 37,7 dBµV/m

LIMITS **SUBCLAUSE 15.209**

See page 82.

TEST EQUIPMENT USED: EMV-100; EMV-101; EMV-102; EMV-103; EMV-110; EMV-111; EMV-112; EMV-200; EMV-202

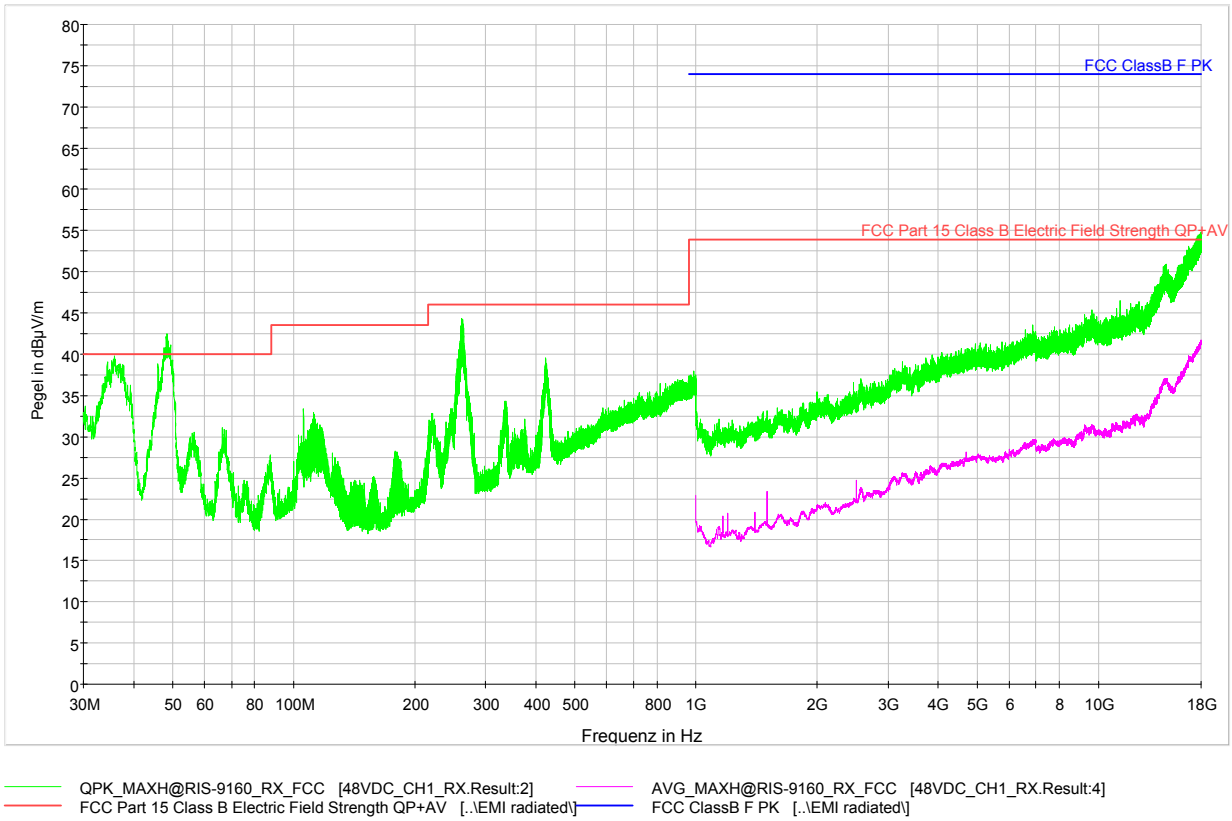
Ambient temperature: 23°C Relative humidity: 40%

Receiver spurious emissions **SUBCLAUSE 15.209**

radiated measurement

Measured Radio: Both receiving at the same frequency – powered via 48V DC

Receiver operating – 5860 MHz



Quasi-Peak values:

35,85 MHz 30,0 dBµV/m
48,51 MHz 31,7 dBµV/m
261,99 MHz 34,4 dBµV/m
421,89 MHz 27,4 dBµV/m

LIMITS **SUBCLAUSE 15.209**

See page 82.

TEST EQUIPMENT USED: EMV-100; EMV-101; EMV-102; EMV-103; EMV-110; EMV-111; EMV-112; EMV-200; EMV-202

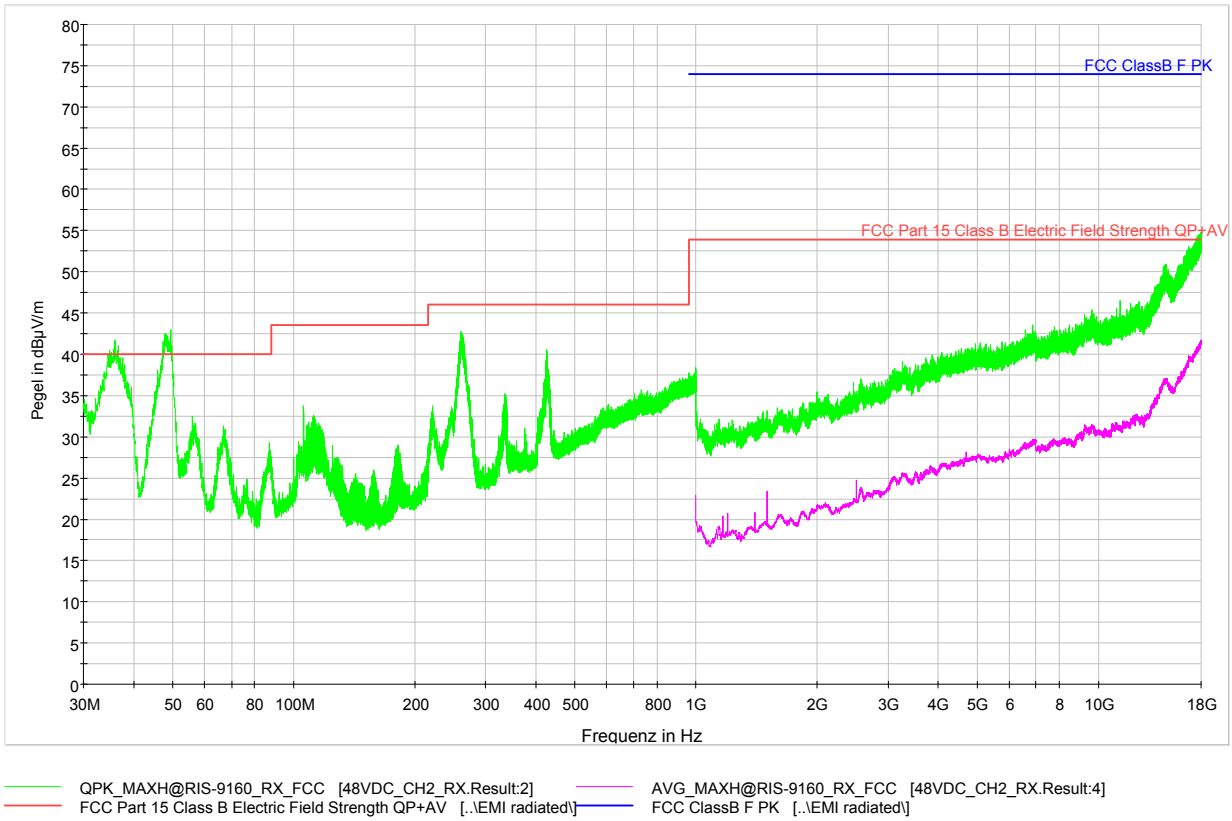
Ambient temperature: 23°C Relative humidity: 40%

Receiver spurious emissions **SUBCLAUSE 15.209**

radiated measurement

Measured Radio: Both receiving at the same frequency – powered via 48V DC

Receiver operating – 5870 MHz



Quasi-Peak values:

35,85 MHz 30,0 dBµV/m
48,51 MHz 31,7 dBµV/m
261,99 MHz 34,4 dBµV/m
421,89 MHz 27,4 dBµV/m

LIMITS **SUBCLAUSE 15.209**

See page 82.

TEST EQUIPMENT USED: EMV-100; EMV-101; EMV-102; EMV-103; EMV-110; EMV-111; EMV-112; EMV-200; EMV-202

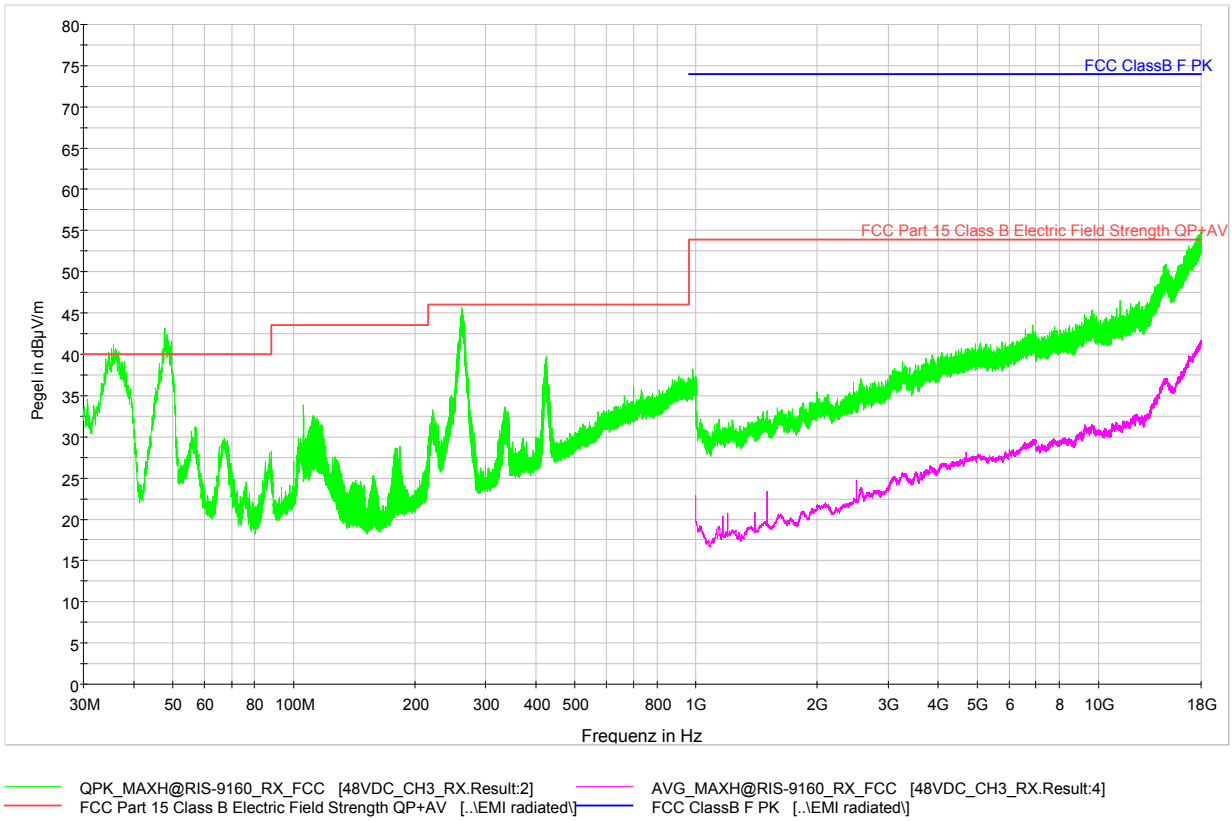
Ambient temperature: 23°C Relative humidity: 40%

Receiver spurious emissions **SUBCLAUSE 15.209**

radiated measurement

Measured Radio: Both receiving at the same frequency – powered via 48V DC

Receiver operating – 5880 MHz



Quasi-Peak values:

35,85 MHz 30,0 dBµV/m
48,51 MHz 31,7 dBµV/m
261,99 MHz 34,4 dBµV/m
421,89 MHz 27,4 dBµV/m

LIMITS **SUBCLAUSE 15.209**

See page 82.

TEST EQUIPMENT USED: EMV-100; EMV-101; EMV-102; EMV-103; EMV-110; EMV-111; EMV-112; EMV-200; EMV-202

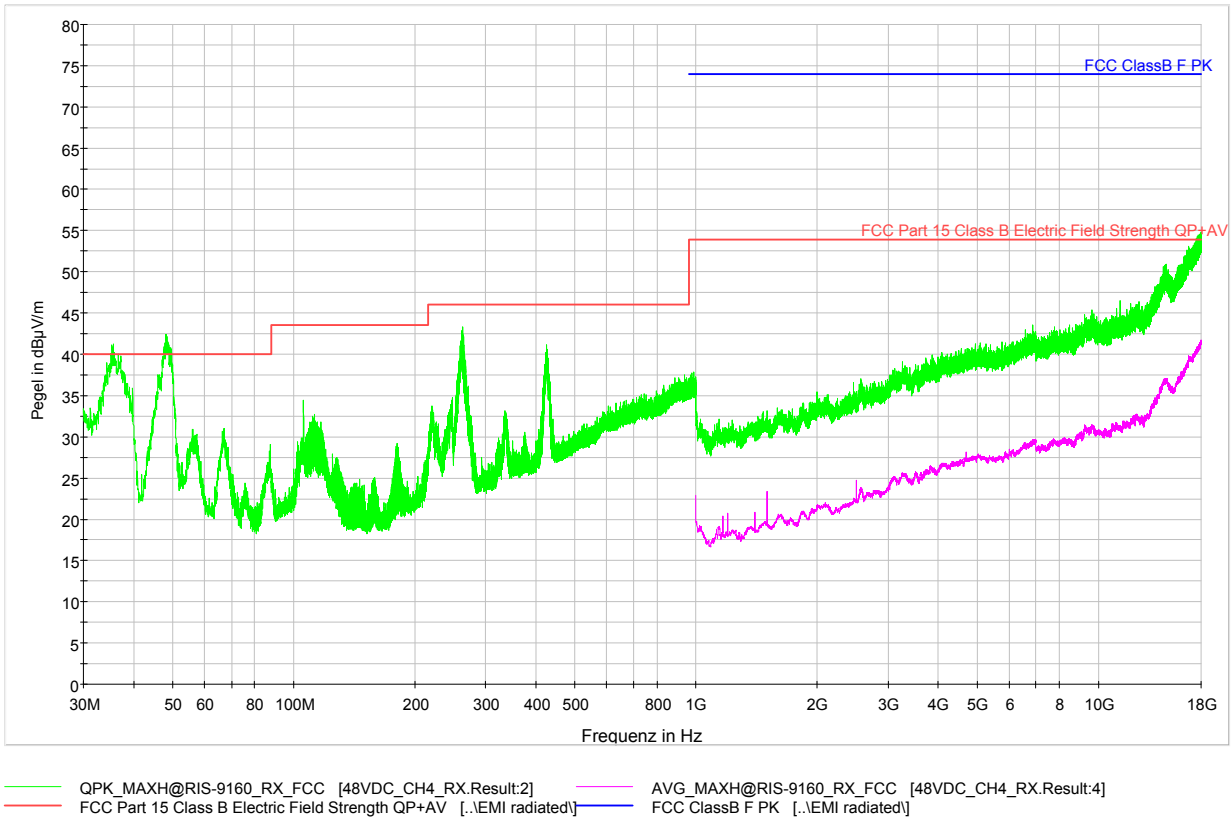
Ambient temperature: 23°C Relative humidity: 40%

Receiver spurious emissions **SUBCLAUSE 15.209**

radiated measurement

Measured Radio: Both receiving at the same frequency – powered via 48V DC

Receiver operating – 5890 MHz



Quasi-Peak values:

35,85 MHz 30,0 dBµV/m
48,51 MHz 31,7 dBµV/m
261,99 MHz 34,4 dBµV/m
421,89 MHz 27,4 dBµV/m

LIMITS **SUBCLAUSE 15.209**

See page 82.

TEST EQUIPMENT USED: EMV-100; EMV-101; EMV-102; EMV-103; EMV-110; EMV-111; EMV-112; EMV-200; EMV-202

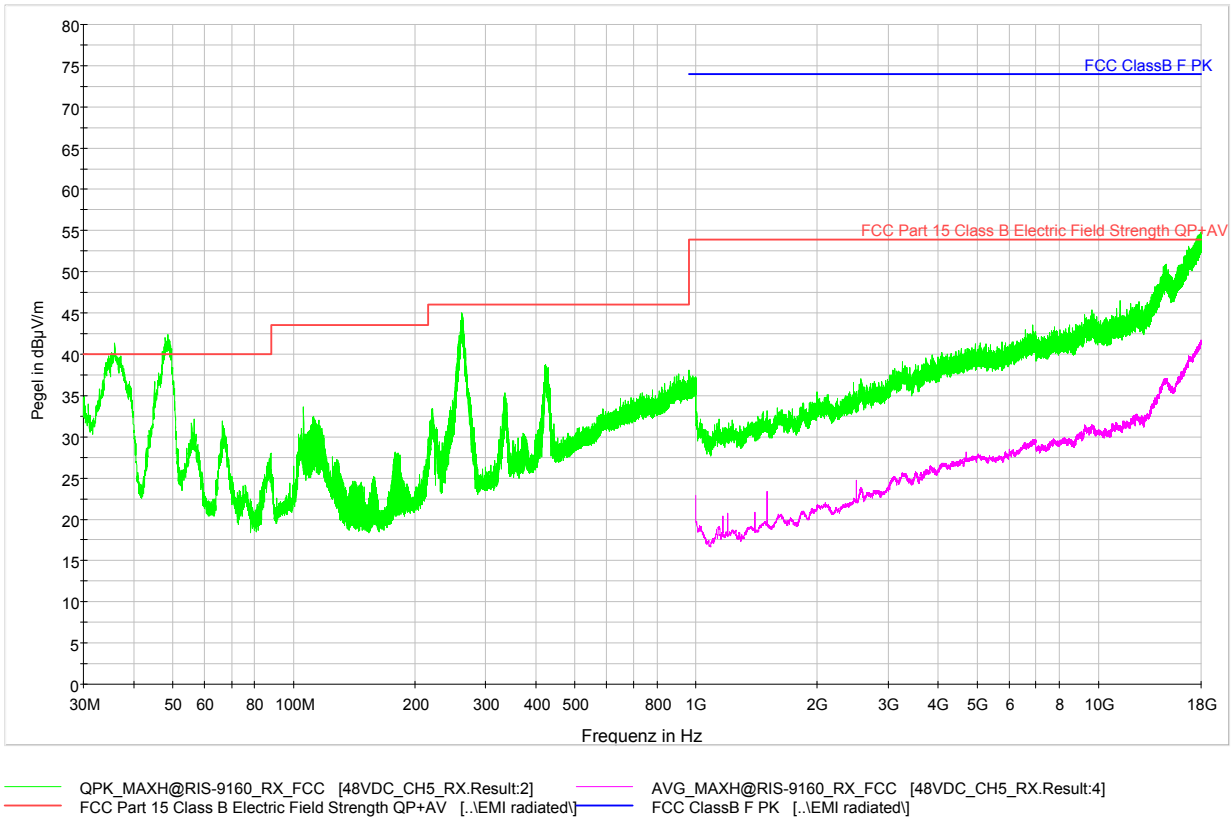
Ambient temperature: 23°C Relative humidity: 40%

Receiver spurious emissions **SUBCLAUSE 15.209**

radiated measurement

Measured Radio: Both receiving at the same frequency – powered via 48V DC

Receiver operating – 5900 MHz



Quasi-Peak values:

35,85 MHz 30,0 dBµV/m
48,51 MHz 31,7 dBµV/m
261,99 MHz 34,4 dBµV/m
421,89 MHz 27,4 dBµV/m

LIMITS **SUBCLAUSE 15.209**

See page 82.

TEST EQUIPMENT USED: EMV-100; EMV-101; EMV-102; EMV-103; EMV-110; EMV-111; EMV-112; EMV-200; EMV-202

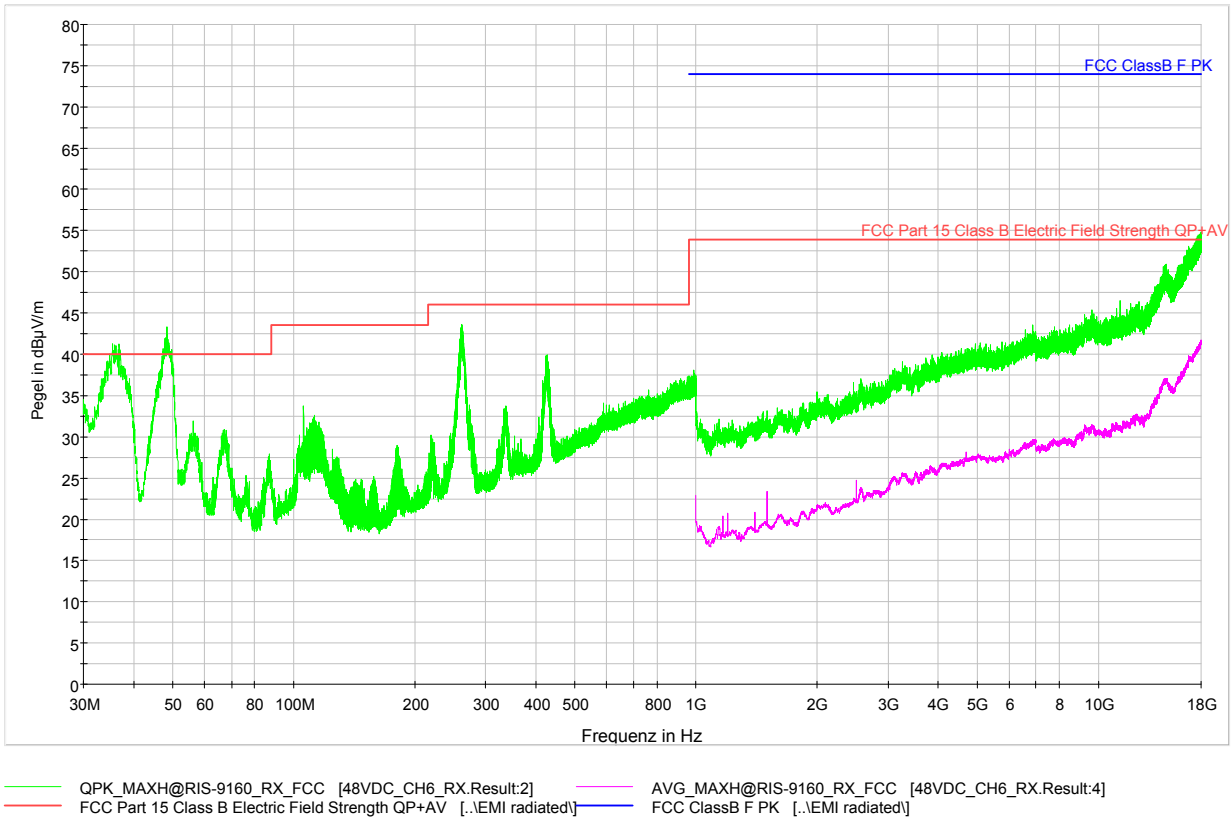
Ambient temperature: 23°C Relative humidity: 40%

Receiver spurious emissions **SUBCLAUSE 15.209**

radiated measurement

Measured Radio: Both receiving at the same frequency – powered via 48V DC

Receiver operating – 5910 MHz



Quasi-Peak values:

35,85 MHz 30,0 dBµV/m
48,51 MHz 31,7 dBµV/m
261,99 MHz 34,4 dBµV/m
421,89 MHz 27,4 dBµV/m

LIMITS **SUBCLAUSE 15.209**

See page 82.

TEST EQUIPMENT USED: EMV-100; EMV-101; EMV-102; EMV-103; EMV-110; EMV-111; EMV-112; EMV-200; EMV-202

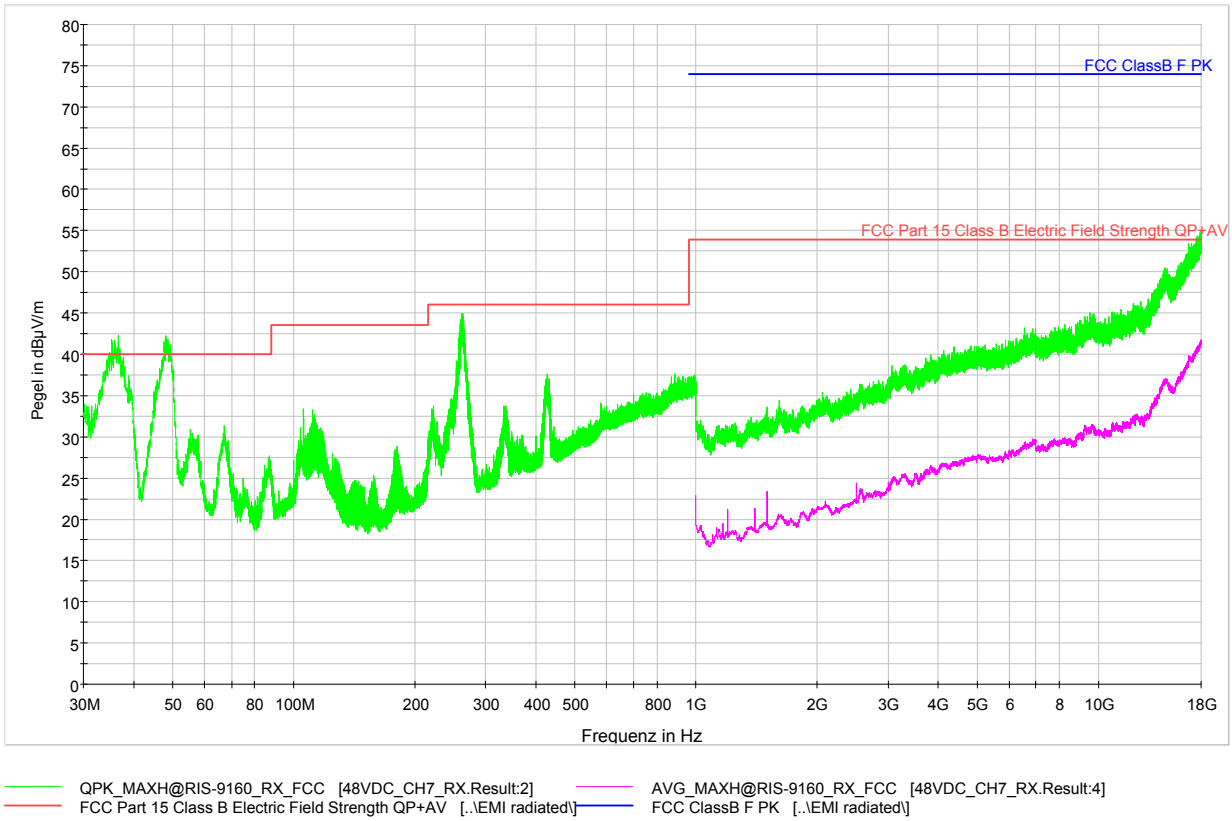
Ambient temperature: 23°C Relative humidity: 40%

Receiver spurious emissions **SUBCLAUSE 15.209**

radiated measurement

Measured Radio: Both receiving at the same frequency – powered via 48V DC

Receiver operating – 5920 MHz



Quasi-Peak values:

35,85 MHz 30,0 dBµV/m
48,51 MHz 31,7 dBµV/m
261,99 MHz 34,4 dBµV/m
421,89 MHz 27,4 dBµV/m

LIMITS **SUBCLAUSE 15.209**

See page 82.

TEST EQUIPMENT USED: EMV-100; EMV-101; EMV-102; EMV-103; EMV-110; EMV-111; EMV-112; EMV-200; EMV-202

Ambient temperature: 23°C Relative humidity: 40%

Receiver selectivity **SUBCLAUSE 8.11.2**

Conducted measurement

Adjacent channel rejection – higher adjacent channel

Measured Radio: 1

Test conditions	Adjacent channel rejection ratio (dB)						
	5860 MHz	5870 MHz	5880 MHz	5890 MHz	5900 MHz	5910 MHz	5920 MHz
BPSK 1/2	42	43	43	42	43	43	42
BPSK 3/4	41	40	40	41	40	40	41
QPSK 1/2	41	41	40	40	41	40	40
QPSK 3/4	38	37	37	38	37	37	37
16-QAM 1/2	36	36	35	36	35	35	35
16-QAM 3/4	32	32	31	32	31	31	31
64-QAM 2/3	28	28	27	28	28	28	28
64-QAM 3/4	26	26	26	26	26	26	26
Measurement uncertainty	± 1 dB						

LIMIT **SUBCLAUSE 8.11.2**

TABLE 13 Type 2 Receiver Performance Requirements[A]

Data Rate, Mbits/s	Minimum Sensitivity, dBm	Adjacent Channel Rejection, dB	Alternate Adjacent Channel Rejection, dB
3	-85	37	44
4.5	-84	36	43
6	-82	35	42
9	-80	34	41
12	-77	32	39
18	-70	30	37
24	-69	27	34
27	-67	23	30

[A] From IEEE 802.11a. Copyright 1999 IEEE. All rights reserved.

Measuring equipment used: EMV-100; NT-313/1; EMV-205; NT-429; Second radio as normal source

Ambient temperature: 23°C Relative humidity: 40%

Receiver selectivity **SUBCLAUSE 8.11.2**

Conducted measurement

Adjacent channel rejection – lower adjacent channel

Measured Radio: 1

Test conditions	Adjacent channel rejection ratio (dB)						
	5860 MHz	5870 MHz	5880 MHz	5890 MHz	5900 MHz	5910 MHz	5920 MHz
BPSK 1/2	42	43	43	43	43	43	43
BPSK 3/4	41	41	41	41	41	41	41
QPSK 1/2	40	40	40	40	41	41	40
QPSK 3/4	37	38	38	38	38	38	38
16-QAM 1/2	35	35	35	36	36	35	36
16-QAM 3/4	32	31	31	32	32	32	32
64-QAM 2/3	27	28	28	28	28	28	27
64-QAM 3/4	26	26	26	26	26	26	26
Measurement uncertainty	± 1 dB						

LIMIT **SUBCLAUSE 8.11.2**

TABLE 13 Type 2 Receiver Performance Requirements[A]

Data Rate, Mbits/s	Minimum Sensitivity, dBm	Adjacent Channel Rejection, dB	Alternate Adjacent Channel Rejection, dB
3	-85	37	44
4.5	-84	36	43
6	-82	35	42
9	-80	34	41
12	-77	32	39
18	-70	30	37
24	-69	27	34
27	-67	23	30

[A] From IEEE 802.11a. Copyright 1999 IEEE. All rights reserved.

Measuring equipment used: EMV-100; NT-313/1; EMV-205; NT-429; Second radio as normal source

Ambient temperature: 23°C Relative humidity: 40%

Receiver selectivity **SUBCLAUSE 8.11.2**

Conducted measurement

Adjacent channel rejection – higher adjacent channel

Measured Radio: 2

Test conditions	Adjacent channel rejection ratio (dB)						
	5860 MHz	5870 MHz	5880 MHz	5890 MHz	5900 MHz	5910 MHz	5920 MHz
BPSK 1/2	42	42	42	42	42	41	42
BPSK 3/4	40	40	40	40	40	40	39
QPSK 1/2	39	40	39	39	39	39	39
QPSK 3/4	37	37	36	36	36	36	36
16-QAM 1/2	35	35	34	34	35	34	34
16-QAM 3/4	31	31	30	30	30	30	30
64-QAM 2/3	27	27	27	27	27	27	27
64-QAM 3/4	26	26	26	25	25	25	25
Measurement uncertainty	± 1 dB						

LIMIT **SUBCLAUSE 8.11.2**

TABLE 13 Type 2 Receiver Performance Requirements[A]

Data Rate, Mbits/s	Minimum Sensitivity, dBm	Adjacent Channel Rejection, dB	Alternate Adjacent Channel Rejection, dB
3	-85	37	44
4.5	-84	36	43
6	-82	35	42
9	-80	34	41
12	-77	32	39
18	-70	30	37
24	-69	27	34
27	-67	23	30

[A] From IEEE 802.11a. Copyright 1999 IEEE. All rights reserved.

Measuring equipment used: EMV-100; NT-313/1; EMV-205; NT-429; Second radio as normal source

Ambient temperature: 23°C Relative humidity: 40%

Receiver selectivity **SUBCLAUSE 8.11.2**

Conducted measurement

Adjacent channel rejection – lower adjacent channel

Measured Radio: 2

Test conditions	Adjacent channel rejection ratio (dB)						
	5860 MHz	5870 MHz	5880 MHz	5890 MHz	5900 MHz	5910 MHz	5920 MHz
BPSK 1/2	42	42	42	42	43	43	42
BPSK 3/4	41	41	40	40	41	41	41
QPSK 1/2	39	39	39	39	40	39	39
QPSK 3/4	37	37	37	37	37	37	37
16-QAM 1/2	34	35	34	35	35	35	35
16-QAM 3/4	30	31	31	30	30	31	31
64-QAM 2/3	27	27	27	27	27	27	27
64-QAM 3/4	26	26	26	25	26	26	25
Measurement uncertainty	± 1 dB						

LIMIT **SUBCLAUSE 8.11.2**

TABLE 13 Type 2 Receiver Performance Requirements[A]

Data Rate, Mbits/s	Minimum Sensitivity, dBm	Adjacent Channel Rejection, dB	Alternate Adjacent Channel Rejection, dB
3	-85	37	44
4.5	-84	36	43
6	-82	35	42
9	-80	34	41
12	-77	32	39
18	-70	30	37
24	-69	27	34
27	-67	23	30

[A] From IEEE 802.11a. Copyright 1999 IEEE. All rights reserved.

Measuring equipment used: EMV-100; NT-313/1; EMV-205; NT-429; Second radio as normal source

Ambient temperature: 23°C Relative humidity: 40%

Receiver selectivity **SUBCLAUSE 8.11.3**

Conducted measurement

Alternate channel rejection – higher alternate channel

Measured Radio: 1

Test conditions	Alternate channel rejection ratio (dB)						
	5860 MHz	5870 MHz	5880 MHz	5890 MHz	5900 MHz	5910 MHz	5920 MHz
BPSK 1/2	54	54	54	54	54	54	54
BPSK 3/4	51	52	51	52	51	51	51
QPSK 1/2	51	51	51	51	50	50	51
QPSK 3/4	48	48	48	48	48	48	48
16-QAM 1/2	46	46	46	46	45	46	46
16-QAM 3/4	42	42	42	41	42	41	42
64-QAM 2/3	38	37	37	37	37	37	37
64-QAM 3/4	35	36	35	35	35	35	35
Measurement uncertainty	± 1 dB						

LIMIT **SUBCLAUSE 8.11.3**

TABLE 13 Type 2 Receiver Performance Requirements[A]

Data Rate, Mbits/s	Minimum Sensitivity, dBm	Adjacent Channel Rejection, dB	Alternate Adjacent Channel Rejection, dB
3	-85	37	44
4.5	-84	36	43
6	-82	35	42
9	-80	34	41
12	-77	32	39
18	-70	30	37
24	-69	27	34
27	-67	23	30

[A] From IEEE 802.11a. Copyright 1999 IEEE. All rights reserved.

Measuring equipment used: EMV-100; NT-313/1; EMV-205; NT-429; Second radio as normal source

Ambient temperature: 23°C Relative humidity: 40%

Receiver selectivity **SUBCLAUSE 8.11.3**

Conducted measurement

Alternate channel rejection – lower alternate channel

Measured Radio: 1

Test conditions	Alternate channel rejection ratio (dB)						
	5860 MHz	5870 MHz	5880 MHz	5890 MHz	5900 MHz	5910 MHz	5920 MHz
BPSK 1/2	53	54	54	54	54	54	54
BPSK 3/4	51	52	52	52	51	52	52
QPSK 1/2	51	50	50	51	51	51	51
QPSK 3/4	47	48	48	48	48	48	49
16-QAM 1/2	45	45	46	46	46	46	46
16-QAM 3/4	41	42	42	42	42	42	42
64-QAM 2/3	37	37	37	37	37	37	37
64-QAM 3/4	35	36	35	35	35	35	35
Measurement uncertainty	± 1 dB						

LIMIT **SUBCLAUSE 8.11.3**

TABLE 13 Type 2 Receiver Performance Requirements[A]

Data Rate, Mbits/s	Minimum Sensitivity, dBm	Adjacent Channel Rejection, dB	Alternate Adjacent Channel Rejection, dB
3	-85	37	44
4.5	-84	36	43
6	-82	35	42
9	-80	34	41
12	-77	32	39
18	-70	30	37
24	-69	27	34
27	-67	23	30

[A] From IEEE 802.11a. Copyright 1999 IEEE. All rights reserved.

Measuring equipment used: EMV-100; NT-313/1; EMV-205; NT-429; Second radio as normal source

Ambient temperature: 23°C Relative humidity: 40%

Receiver selectivity **SUBCLAUSE 8.11.3**

Conducted measurement

Alternate channel rejection – higher alternate channel

Measured Radio: 2

Test conditions	Alternate channel rejection ratio (dB)						
	5860 MHz	5870 MHz	5880 MHz	5890 MHz	5900 MHz	5910 MHz	5920 MHz
BPSK 1/2	53	53	53	53	53	53	53
BPSK 3/4	51	51	51	50	51	51	50
QPSK 1/2	51	50	50	50	50	50	50
QPSK 3/4	47	47	47	47	47	47	47
16-QAM 1/2	46	45	45	45	45	45	45
16-QAM 3/4	41	41	41	41	41	41	41
64-QAM 2/3	37	37	36	36	36	36	36
64-QAM 3/4	34	35	35	35	34	34	34
Measurement uncertainty	± 1 dB						

LIMIT **SUBCLAUSE 8.11.3**

TABLE 13 Type 2 Receiver Performance Requirements[A]

Data Rate, Mbits/s	Minimum Sensitivity, dBm	Adjacent Channel Rejection, dB	Alternate Adjacent Channel Rejection, dB
3	-85	37	44
4.5	-84	36	43
6	-82	35	42
9	-80	34	41
12	-77	32	39
18	-70	30	37
24	-69	27	34
27	-67	23	30

[A] From IEEE 802.11a. Copyright 1999 IEEE. All rights reserved.

Measuring equipment used: EMV-100; NT-313/1; EMV-205; NT-429; Second radio as normal source

Ambient temperature: 23°C Relative humidity: 40%

Receiver selectivity **SUBCLAUSE 8.11.3**

Conducted measurement

Alternate channel rejection – lower alternate channel

Measured Radio: 2

Test conditions	Alternate channel rejection ratio (dB)						
	5860 MHz	5870 MHz	5880 MHz	5890 MHz	5900 MHz	5910 MHz	5920 MHz
BPSK 1/2	53	53	53	53	52	53	54
BPSK 3/4	51	51	51	51	51	51	51
QPSK 1/2	50	50	50	50	50	51	51
QPSK 3/4	47	47	47	47	48	48	48
16-QAM 1/2	45	45	45	45	46	46	45
16-QAM 3/4	41	41	41	41	41	41	41
64-QAM 2/3	36	36	36	37	37	36	37
64-QAM 3/4	34	34	35	34	35	35	35
Measurement uncertainty	± 1 dB						

LIMIT **SUBCLAUSE 8.11.3**

TABLE 13 Type 2 Receiver Performance Requirements[A]

Data Rate, Mbits/s	Minimum Sensitivity, dBm	Adjacent Channel Rejection, dB	Alternate Adjacent Channel Rejection, dB
3	-85	37	44
4.5	-84	36	43
6	-82	35	42
9	-80	34	41
12	-77	32	39
18	-70	30	37
24	-69	27	34
27	-67	23	30

[A] From IEEE 802.11a. Copyright 1999 IEEE. All rights reserved.

Measuring equipment used: EMV-100; NT-313/1; EMV-205; NT-429; Second radio as normal source

Ambient temperature: 23°C Relative humidity: 40%

Receiver sensitivity **SUBCLAUSE 8.11.1**

Conducted measurement

Measured Radio: 1

Test conditions	Sensitivity (dBm)						
	5860 MHz	5870 MHz	5880 MHz	5890 MHz	5900 MHz	5910 MHz	5920 MHz
BPSK 1/2	-94	-94	-93	-94	-94	-94	-94
BPSK 3/4	-92	-91	-90	-91	-91	-92	-92
QPSK 1/2	-91	-91	-90	-91	-91	-91	-91
QPSK 3/4	-89	-88	-87	-88	-88	-89	-89
16-QAM 1/2	-86	-86	-85	-86	-86	-86	-86
16-QAM 3/4	-82	-82	-81	-82	-82	-83	-83
64-QAM 2/3	-78	-78	-77	-78	-78	-78	-78
64-QAM 3/4	-76	-76	-75	-76	-76	-76	-76
Measurement uncertainty	± 1 dB						

LIMIT **SUBCLAUSE 8.11.1**

TABLE 13 Type 2 Receiver Performance Requirements[A]

Data Rate, Mbits/s	Minimum Sensitivity, dBm	Adjacent Channel Rejection, dB	Alternate Adjacent Channel Rejection, dB
3	-85	37	44
4.5	-84	36	43
6	-82	35	42
9	-80	34	41
12	-77	32	39
18	-70	30	37
24	-69	27	34
27	-67	23	30

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Measuring equipment used: EMV-100; EMV-205; NT-429; Second radio as normal source

Ambient temperature: 23°C Relative humidity: 40%

Receiver sensitivity **SUBCLAUSE 8.11.1**

Conducted measurement

Measured Radio: 2

Test conditions	Sensitivity (dBm)						
	5860 MHz	5870 MHz	5880 MHz	5890 MHz	5900 MHz	5910 MHz	5920 MHz
BPSK 1/2	-89	-87	-89	-91	-92	-93	-93
BPSK 3/4	-86	-84	-87	-88	-89	-90	-90
QPSK 1/2	-85	-84	-86	-88	-89	-90	-90
QPSK 3/4	-83	-81	-84	-85	-86	-87	-88
16-QAM 1/2	-80	-79	-81	-82	-83	-84	-85
16-QAM 3/4	-78	-77	-79	-79	-80	-81	-81
64-QAM 2/3	-73	-72	-73	-75	-75	-76	-77
64-QAM 3/4	-71	-71	-72	-73	-74	-75	-75
Measurement uncertainty	± 1 dB						

LIMIT **SUBCLAUSE 8.11.1**

TABLE 13 Type 2 Receiver Performance Requirements[A]

Data Rate, Mbits/s	Minimum Sensitivity, dBm	Adjacent Channel Rejection, dB	Alternate Adjacent Channel Rejection, dB
3	-85	37	44
4.5	-84	36	43
6	-82	35	42
9	-80	34	41
12	-77	32	39
18	-70	30	37
24	-69	27	34
27	-67	23	30

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Measuring equipment used: EMV-100; EMV-205; NT-429; Second radio as normal source