

10 功率密度之量測

10.1 適用標準

使用頻率於 5.15GHz ~ 5.25GHz 頻段

4.7.3.1(1): 供戶外操作使用, 在任何 1 MHz 頻帶中最大功率頻譜密度應小於或等於 17 dBm。

4.7.3.1(2): 供室內操作使用, 在任何 1 MHz 頻帶中最大功率頻譜密度應小於或等於 17 dBm。

4.7.3.1(3): 供固定式點對點操作使用, 在任何 1 MHz 頻帶中最大功率頻譜密度應小於或等於 17 dBm。

4.7.3.1(4): 供用戶端裝置(Client Device)操作使用, 在任何 1 MHz 頻帶中最大功率頻譜密度應小於或等於 11 dBm, 若使用超過 6dBi 方向增益之發射天線時, 應依超過 6dBi 天線方向增益的 dBi 總量, 等量減少最大傳導輸出功率及最大功率密度。

使用頻率於 5.25GHz ~ 5.35GHz 與 5.470GHz ~ 5.725GHz 頻段

4.7.3.2(2): 最大功率頻譜密度在任何 1 MHz 頻帶中應小於或等於 11 dBm, 若使用超過 6dBi 方向增益之發射天線時, 應依超過 6dBi 天線方向增益的 dBi 總量, 等量減少最大傳導輸出功率及最大功率密度。

使用頻率於 5.725 GHz ~ 5.850 GHz 頻段

4.7.3.3(2): 在任何 500 kHz 頻帶中最大功率頻譜密度應小於或等於 30 dBm, 若使用超過 6 dBi 方向增益之發射天線時, 應依超過 6 dBi 天線方向增益的 dBi 總量, 等量減少最大傳導輸出功率及最大功率頻譜密度。

10.2 測試方法

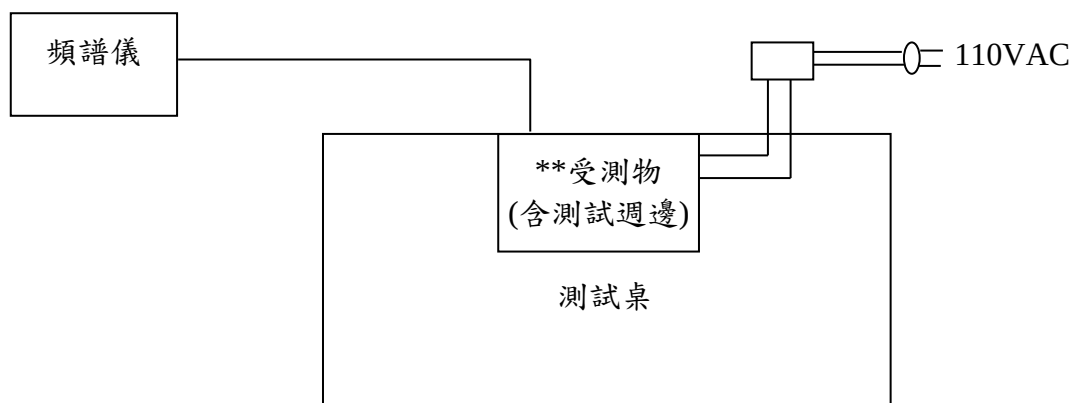
For Band 1

1. Place the EUT on the table and set it in transmitting mode.
Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
2. Set the spectrum analyzer as RBW = 1MHz, VBW = 3MHz, Span = Sweep= AUTO
3. Record the max. reading.
4. Repeat the above procedure until the measurements for all frequencies are completed

For Band 4

1. Place the EUT on the table and set it in transmitting mode.
Remove the antenna from the EUT and then connect a low loss RF cable from the antenna port to the spectrum analyzer.
2. Set the spectrum analyzer as RBW = 500kHz, VBW = 3 x RBW, Span = 1.5 x bandwidth, Sweep=auto
3. Record the max. reading.
4. Repeat the above procedure until the measurements for all frequencies are completed.

10.3 測試配置



註: **請參照 3.2 節

10.4 功率密度之量測結果**For 1TX:****Band I****Test mode: IEEE 802.11a mode / 5180 ~ 5240MHz**

Duty Cycle = 97.93% Duty Factor = 0.09

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Chain 2 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5180	4.78	4.99	4.74	9.61	11	PASS
Mid	5220	4.83	4.51	5.10	9.59		PASS
High	5240	4.64	4.68	4.55	9.39		PASS

Test mode: IEEE 802.11n 20 MHz mode / 5180 ~ 5240MHz

Duty Cycle = 94.73% Duty Factor = 0.23

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Chain 2 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5180	4.63	4.92	4.57	9.48	11	PASS
Mid	5220	4.72	4.80	4.64	9.49		PASS
High	5240	4.47	4.96	4.88	9.55		PASS

Test mode: IEEE 802.11n 40 MHz mode / 5190 ~ 5230MHz

Duty Cycle = 95.83% Duty Factor = 0.18

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Chain 2 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5190	-0.47	0.03	-0.42	4.49	11	PASS
High	5230	-0.52	-1.33	-0.83	3.89		PASS

Test mode: IEEE 802.11ac VHT 80 MHz mode / 5210MHz

Duty Cycle = 77.76% Duty Factor = 1.09

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Chain 2 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Mid	5210	-5.58	-6.01	-5.57	-0.94	11	PASS

Remark:

1. Total PPSD (dBm) = $10 \cdot \log(10^{(\text{Chain 0 PPSD} / 10)} + 10^{(\text{Chain 1 PPSD} / 10)} + 10^{(\text{Chain 2 PPSD} / 10)})$

Band IV**Test mode: IEEE 802.11a mode/ 5745 ~ 5825MHz**

Duty Cycle = 97.93% Duty Factor = 0.09

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Chain 2 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5745	8.90	9.57	11.99	15.14	30	PASS
Mid	5785	9.05	9.43	11.93	15.11		PASS
High	5825	9.14	9.69	9.62	14.26		PASS

Test mode: IEEE 802.11n 20 MHz mode / 5745 ~ 5825MHz

Duty Cycle = 94.73% Duty Factor = 0.23

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Chain 2 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5745	8.72	7.83	10.12	13.76	30	PASS
Mid	5785	8.23	8.56	10.62	14.04		PASS
High	5825	9.17	9.22	10.56	14.47		PASS

Test mode: IEEE 802.11n 40 MHz mode / 5755 ~ 5795MHz

Duty Cycle = 95.83% Duty Factor = 0.18

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Chain 2 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5745	6.56	6.48	4.55	10.73	30	PASS
High	5825	6.70	6.19	5.38	10.89		PASS

Test mode: IEEE 802.11ac VHT 80 MHz mode / 5775MHz

Duty Cycle = 77.76% Duty Factor = 1.09

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Chain 2 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Mid	5775	1.99	2.62	2.67	7.21	30	PASS

Remark:

1. Total PPSD (dBm) = $10 \cdot \log(10^{(\text{Chain 0 PPSD} / 10)} + 10^{(\text{Chain 1 PPSD} / 10)} + 10^{(\text{Chain 2 PPSD} / 10)})$

For 2TX:**Band I****Test mode: IEEE 802.11a mode / 5180 ~ 5240MHz**

Duty Cycle = 97.93% Duty Factor = 0.09

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5180	1.52	1.25	4.40	11	PASS
Mid	5220	1.48	1.12	4.31		PASS
High	5240	1.31	1.13	4.23		PASS

Test mode: IEEE 802.11n 20 MHz mode / 5180 ~ 5240MHz

Duty Cycle = 94.73% Duty Factor = 0.23

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5180	0.43	0.17	3.31	11	PASS
Mid	5220	0.57	0.10	3.35		PASS
High	5240	0.51	0.43	3.48		PASS

Test mode: IEEE 802.11n 40 MHz mode / 5190 ~ 5230MHz

Duty Cycle = 95.83% Duty Factor = 0.18

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5190	-4.15	-4.98	-1.53	11	PASS
High	5230	-4.38	-4.80	-1.57		PASS

Test mode: IEEE 802.11ac VHT 80 MHz mode / 5210MHz

Duty Cycle = 77.76% Duty Factor = 1.09

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Mid	5210	-8.07	-8.52	-5.28	11	PASS

Remark:1. Total PPSD (dBm) = $10 \cdot \log(10^{(\text{Chain 0 PPSD} / 10)} + 10^{(\text{Chain 1 PPSD} / 10)})$

Band IV**Test mode: IEEE 802.11a mode/ 5745 ~ 5825MHz**

Duty Cycle = 97.93% Duty Factor = 0.09

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5745	8.20	8.70	11.47	30	PASS
Mid	5785	7.28	8.39	10.88		PASS
High	5825	7.01	8.07	10.58		PASS

Test mode: IEEE 802.11n 20 MHz mode / 5745 ~ 5825MHz

Duty Cycle = 94.73% Duty Factor = 0.23

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5745	7.54	8.99	11.34	30	PASS
Mid	5785	6.82	8.57	10.79		PASS
High	5825	6.64	8.24	10.52		PASS

Test mode: IEEE 802.11n 40 MHz mode / 5755 ~ 5795MHz

Duty Cycle = 95.83% Duty Factor = 0.18

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5745	1.49	2.11	4.82	30	PASS
High	5825	0.61	3.57	5.35		PASS

Test mode: IEEE 802.11ac VHT 80 MHz mode / 5775MHz

Duty Cycle = 77.76% Duty Factor = 1.09

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Mid	5775	0.05	-1.22	2.47	30	PASS

Remark:1. Total PPSD (dBm) = $10 \cdot \log(10^{(\text{Chain 0 PPSD} / 10)} + 10^{(\text{Chain 1 PPSD} / 10)})$

For 3TX:**Band I****Test mode: IEEE 802.11a mode / 5180 ~ 5240MHz**

Duty Cycle = 97.93% Duty Factor = 0.09

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Chain 2 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5180	-0.10	-1.67	0.56	4.46	11	PASS
Mid	5220	-0.02	-0.77	0.97	4.89		PASS
High	5240	-0.50	-0.57	0.93	4.78		PASS

Test mode: IEEE 802.11n 20 MHz mode / 5180 ~ 5240MHz

Duty Cycle = 94.73% Duty Factor = 0.23

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Chain 2 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5180	-1.11	-2.37	-0.75	3.41	11	PASS
Mid	5220	-1.09	-1.65	-0.14	3.86		PASS
High	5240	-1.06	-1.64	0.01	3.93		PASS

Test mode: IEEE 802.11n 40 MHz mode / 5190 ~ 5230MHz

Duty Cycle = 95.83% Duty Factor = 0.18

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Chain 2 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5190	-6.82	-6.89	-4.98	-1.36	11	PASS
High	5230	-6.26	-6.02	-4.18	-0.61		PASS

Test mode: IEEE 802.11ac VHT 80 MHz mode / 5210MHz

Duty Cycle = 77.76% Duty Factor = 1.09

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Chain 2 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Mid	5210	-11.02	-11.56	-10.28	-6.15	11	PASS

Remark:

1. Total PPSD (dBm) = $10 \cdot \log(10^{(\text{Chain 0 PPSD} / 10)} + 10^{(\text{Chain 1 PPSD} / 10)} + 10^{(\text{Chain 2 PPSD} / 10)})$

Band IV**Test mode: IEEE 802.11a mode/ 5745 ~ 5825MHz**

Duty Cycle = 97.93% Duty Factor = 0.09

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Chain 2 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5745	5.23	6.13	7.35	11.10	30	PASS
Mid	5785	5.53	5.55	7.71	11.16		PASS
High	5825	4.25	4.82	6.98	10.29		PASS

Test mode: IEEE 802.11n 20 MHz mode / 5745 ~ 5825MHz

Duty Cycle = 94.73% Duty Factor = 0.23

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Chain 2 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5745	3.80	4.69	5.55	9.51	30	PASS
Mid	5785	3.63	5.37	6.96	10.30		PASS
High	5825	6.64	4.48	6.80	10.87		PASS

Test mode: IEEE 802.11n 40 MHz mode / 5755 ~ 5795MHz

Duty Cycle = 95.83% Duty Factor = 0.18

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Chain 2 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Low	5745	0.99	0.91	1.89	6.06	30	PASS
High	5825	-0.22	2.18	3.34	6.78		PASS

Test mode: IEEE 802.11ac VHT 80 MHz mode / 5775MHz

Duty Cycle = 77.76% Duty Factor = 1.09

Channel	Frequency (MHz)	Chain 0 PPSD (dBm)	Chain 1 PPSD (dBm)	Chain 2 PPSD (dBm)	PPSD (dBm)	Limit (dBm)	Result
Mid	5775	-3.50	-3.43	-1.83	1.92	30	PASS

Remark:

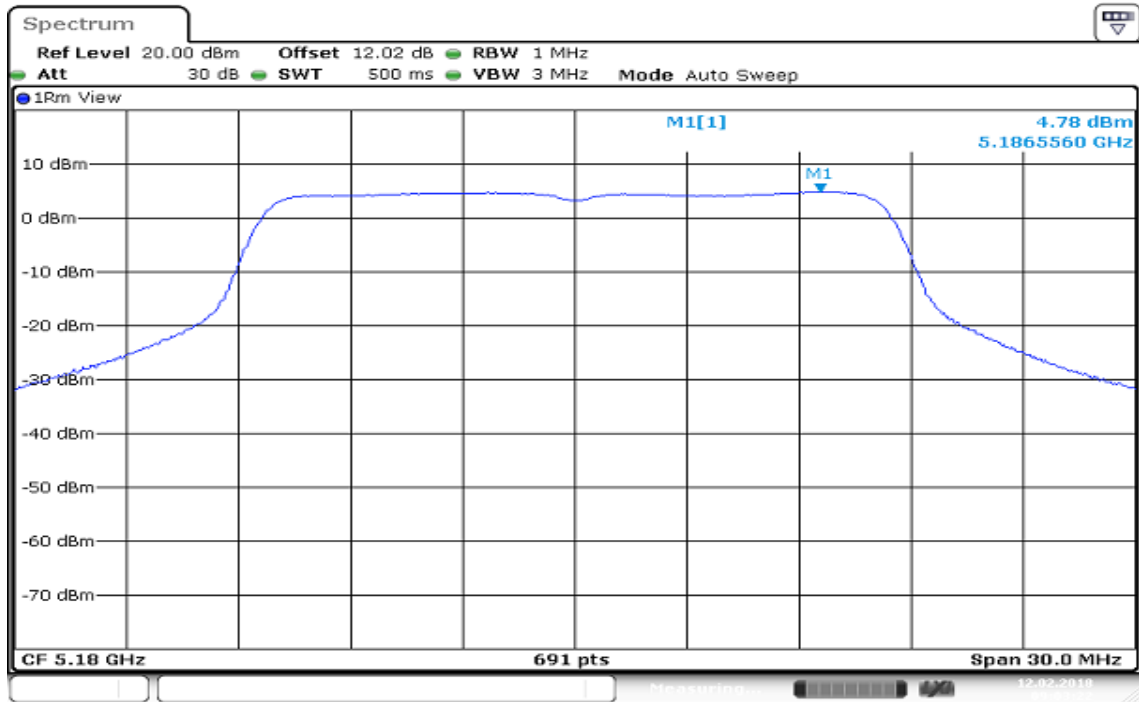
1. Total PPSD (dBm) = $10 \cdot \log(10^{(\text{Chain 0 PPSD} / 10)} + 10^{(\text{Chain 1 PPSD} / 10)} + 10^{(\text{Chain 2 PPSD} / 10)})$

For 1TX:

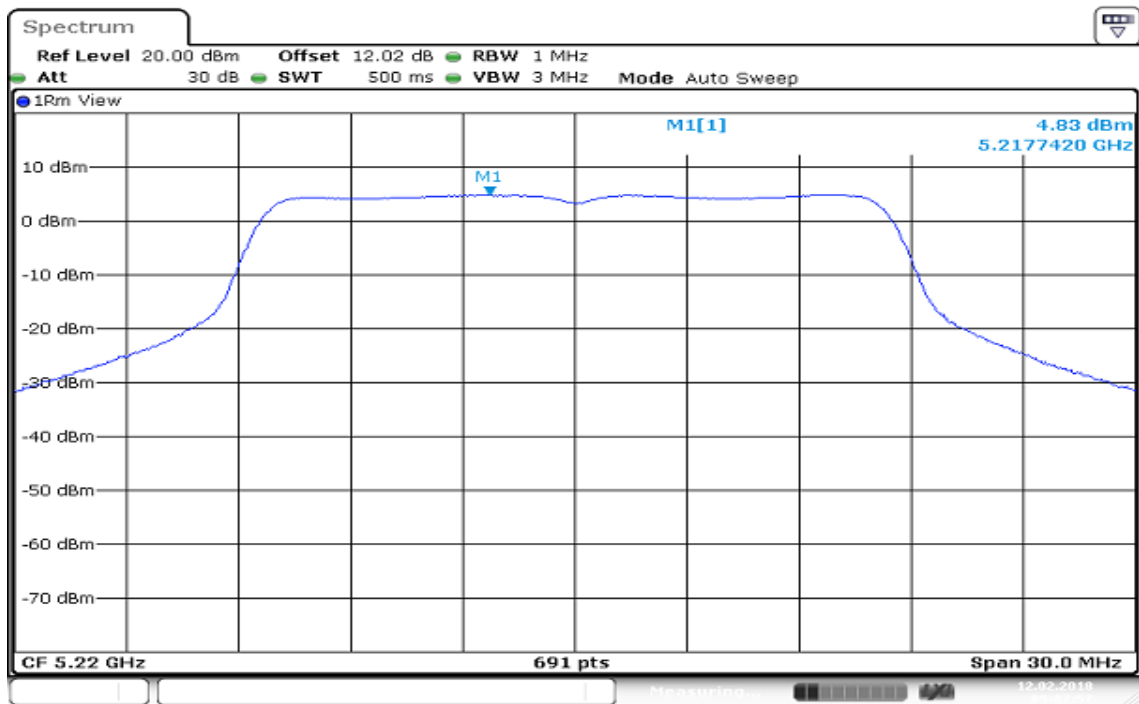
Band I

IEEE 802.11a mode / 5180 ~ 5240MHz / Chain 0

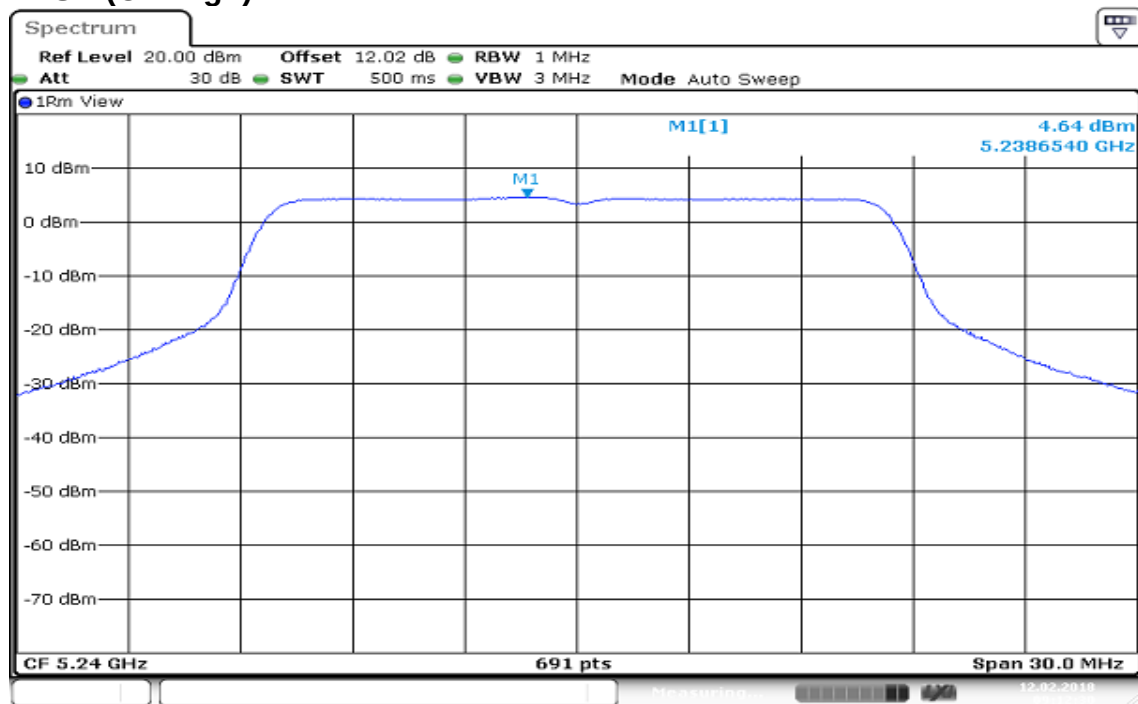
PPSD (CH Low)



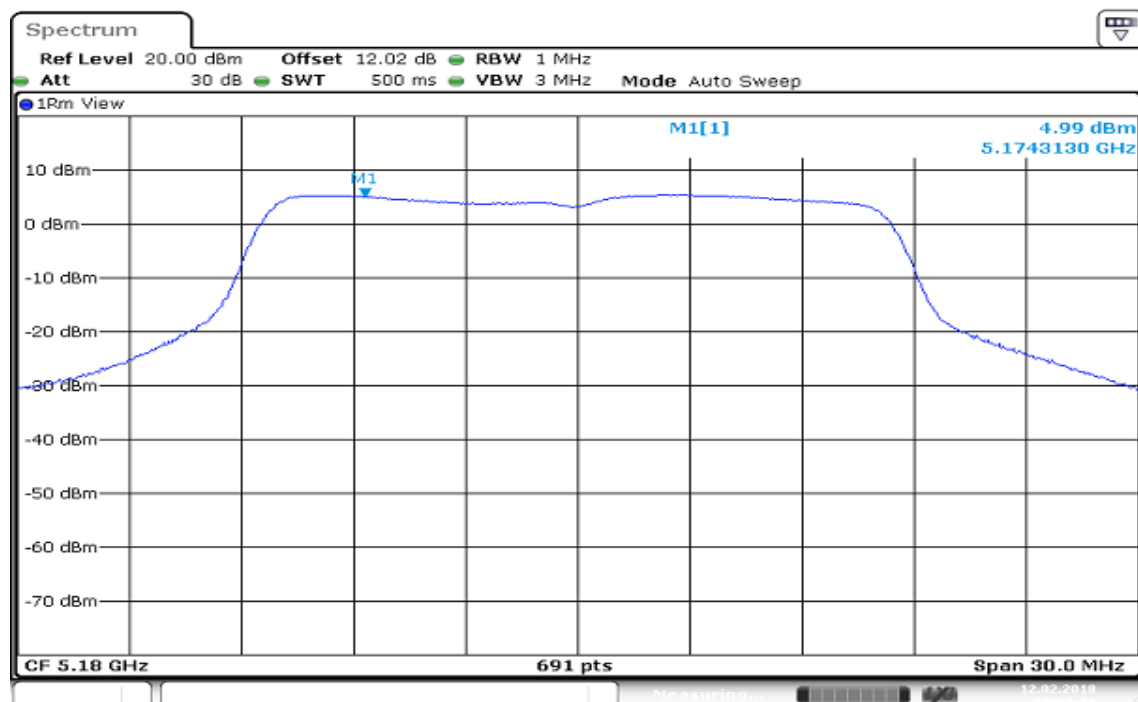
PPSD (CH Mid)



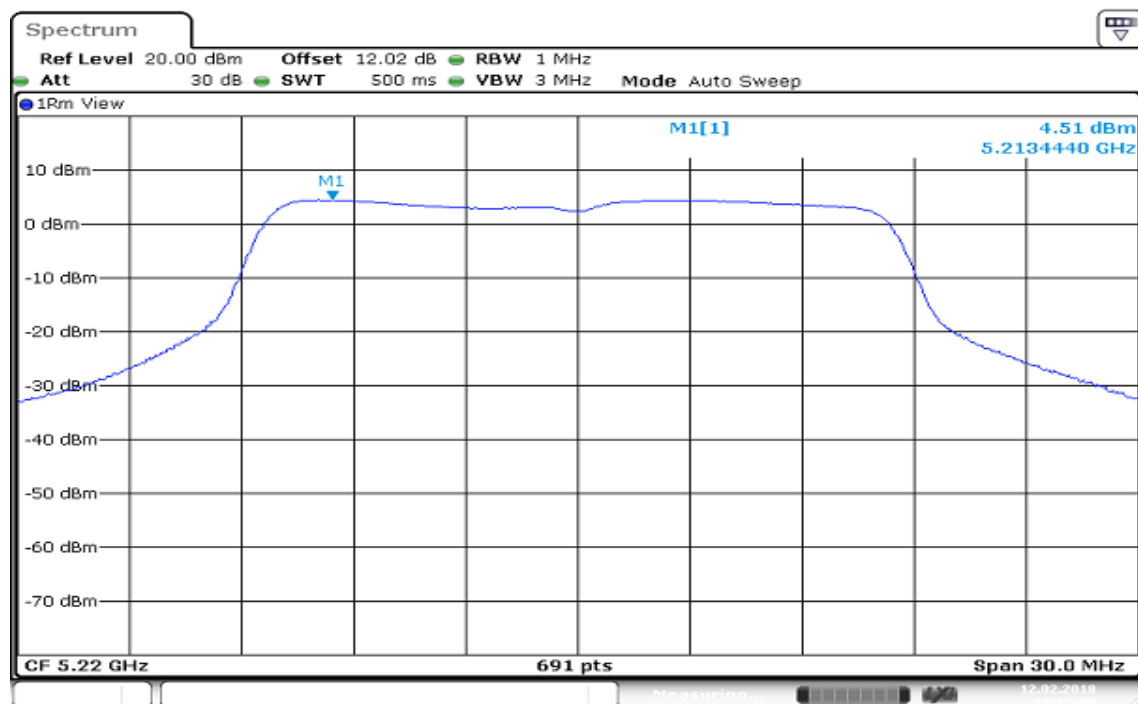
PPSD (CH High)



Date: 12 FEB 2018 09:12:31

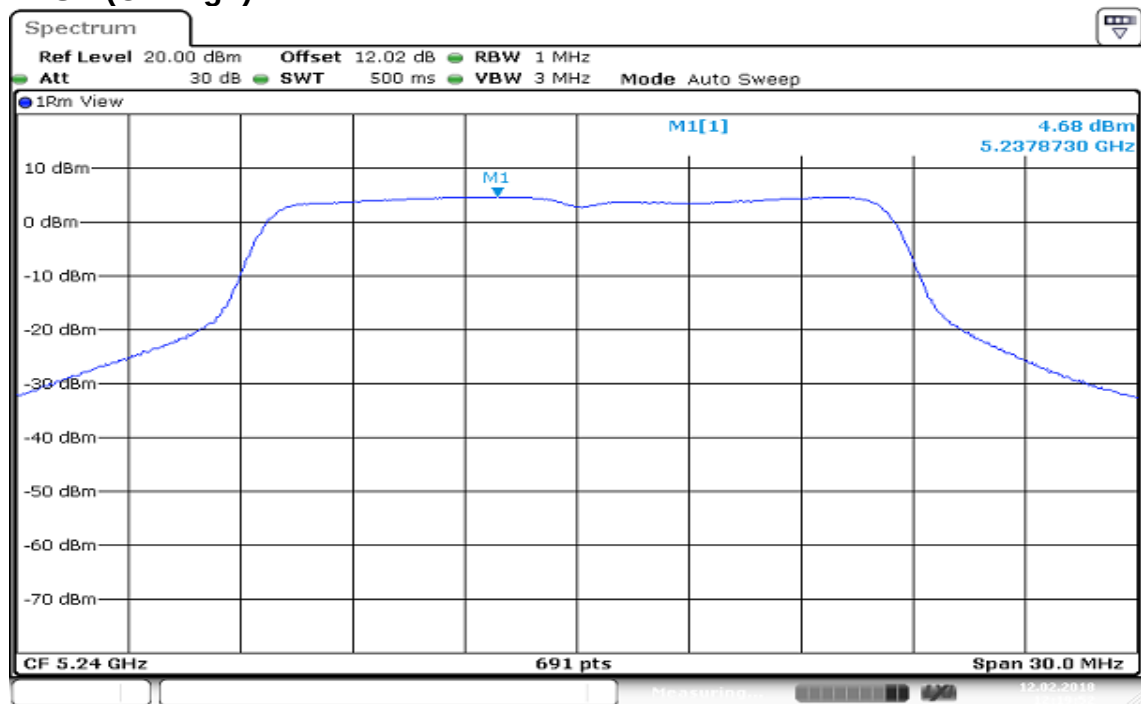
IEEE 802.11a mode / 5180 ~ 5240MHz / Chain 1**PPSD (CH Low)**

Date: 12 FEB 2018 12:09:28

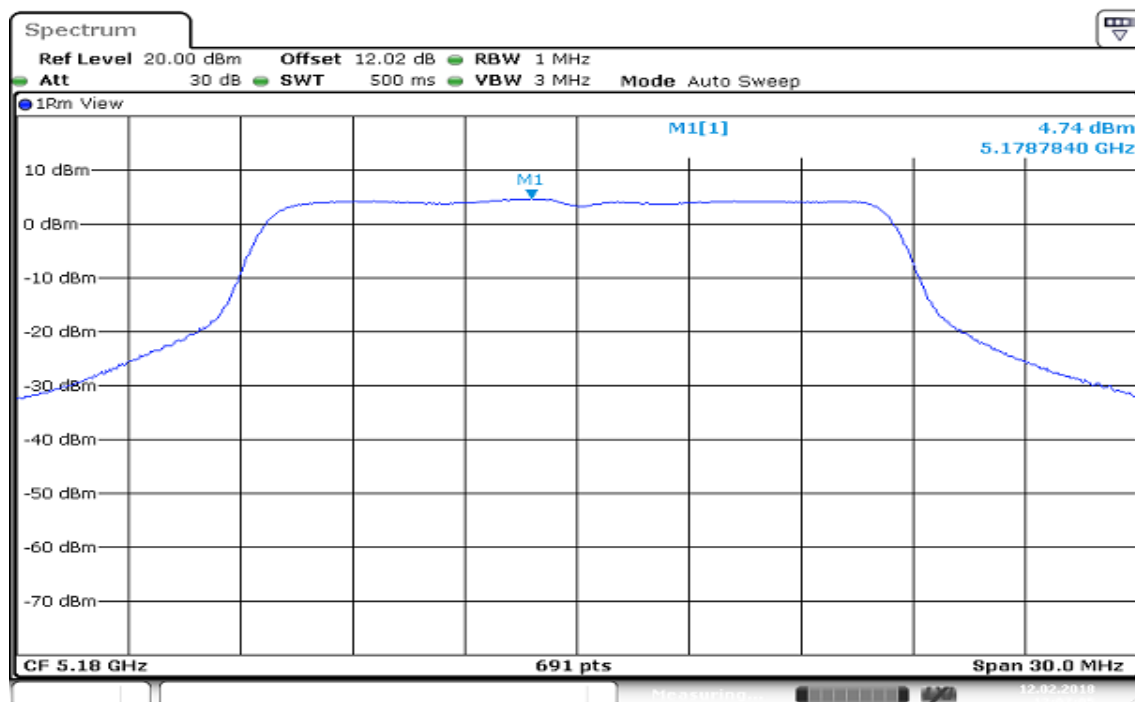
PPSD (CH Mid)

Date: 12 FEB 2018 12:12:09

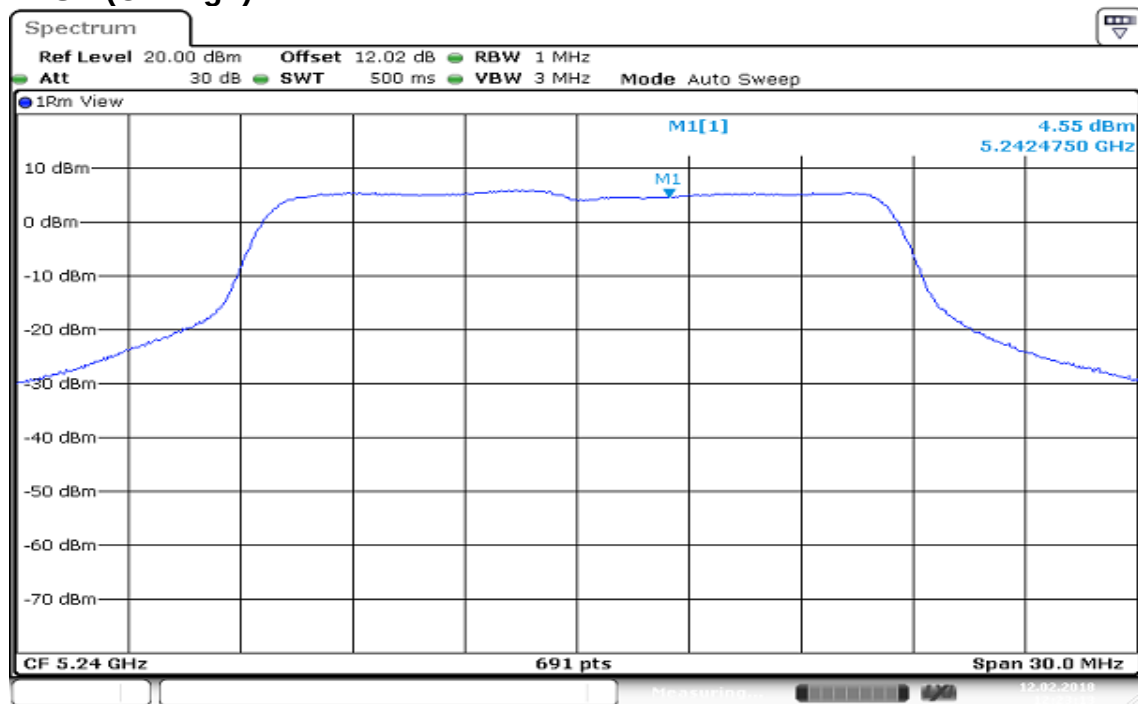
PPSD (CH High)



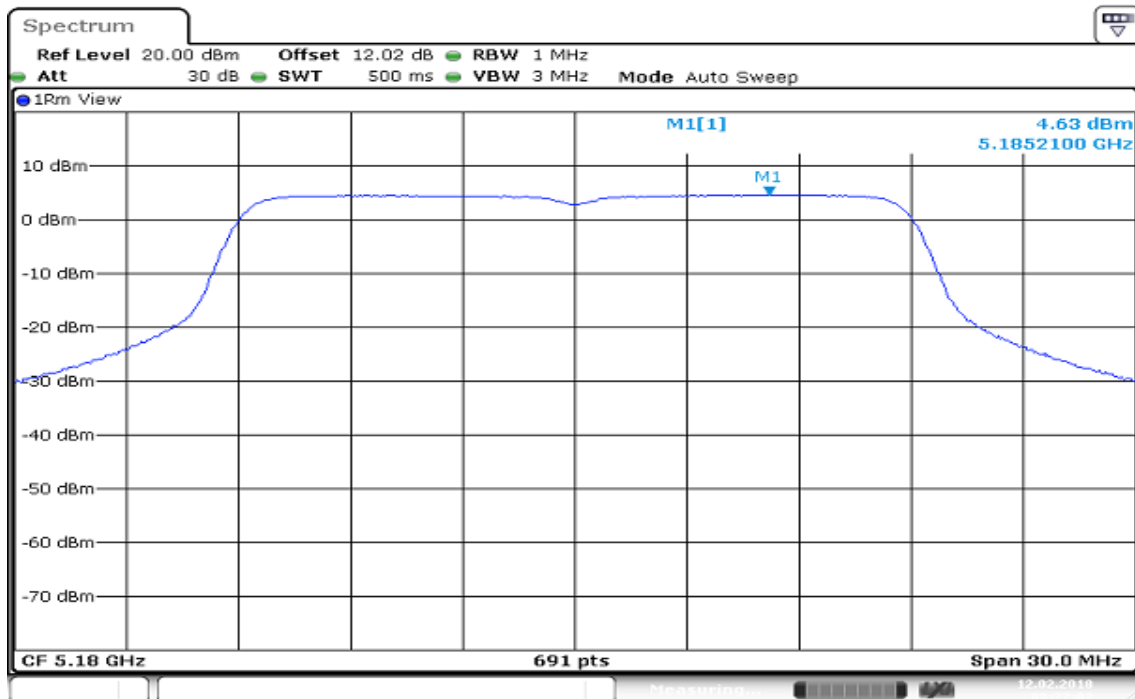
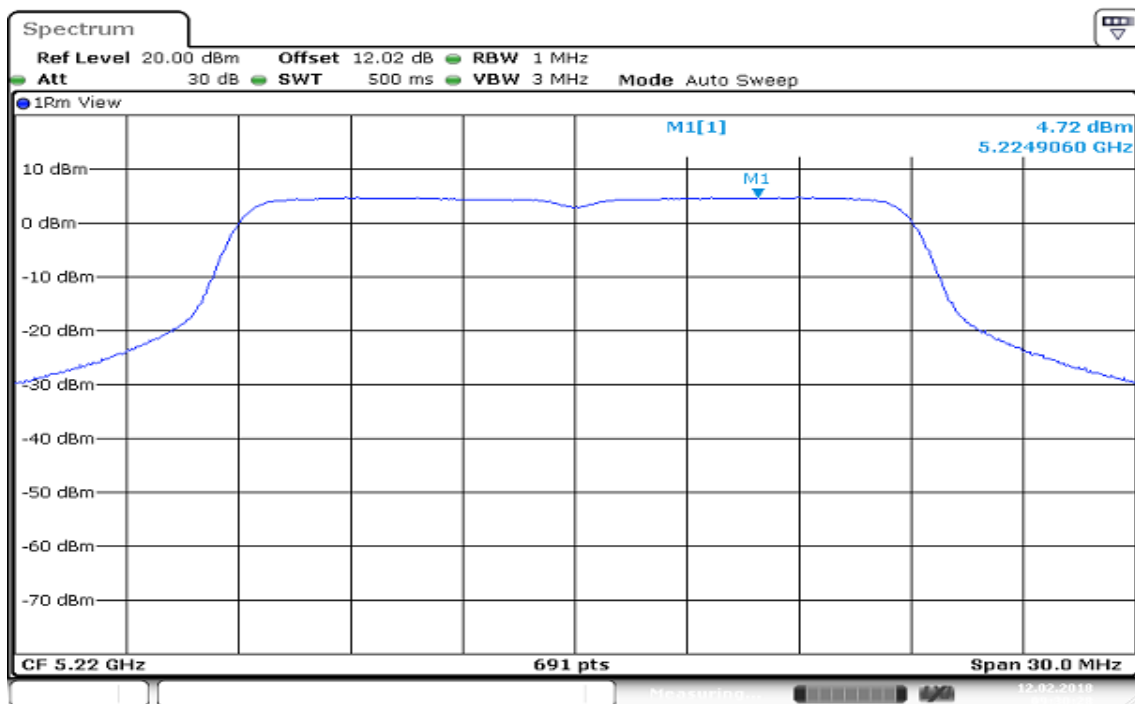
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IEEE 802.11a mode / 5180 ~ 5240MHz / Chain 2**PPSD (CH Low)****PPSD (CH Mid)**

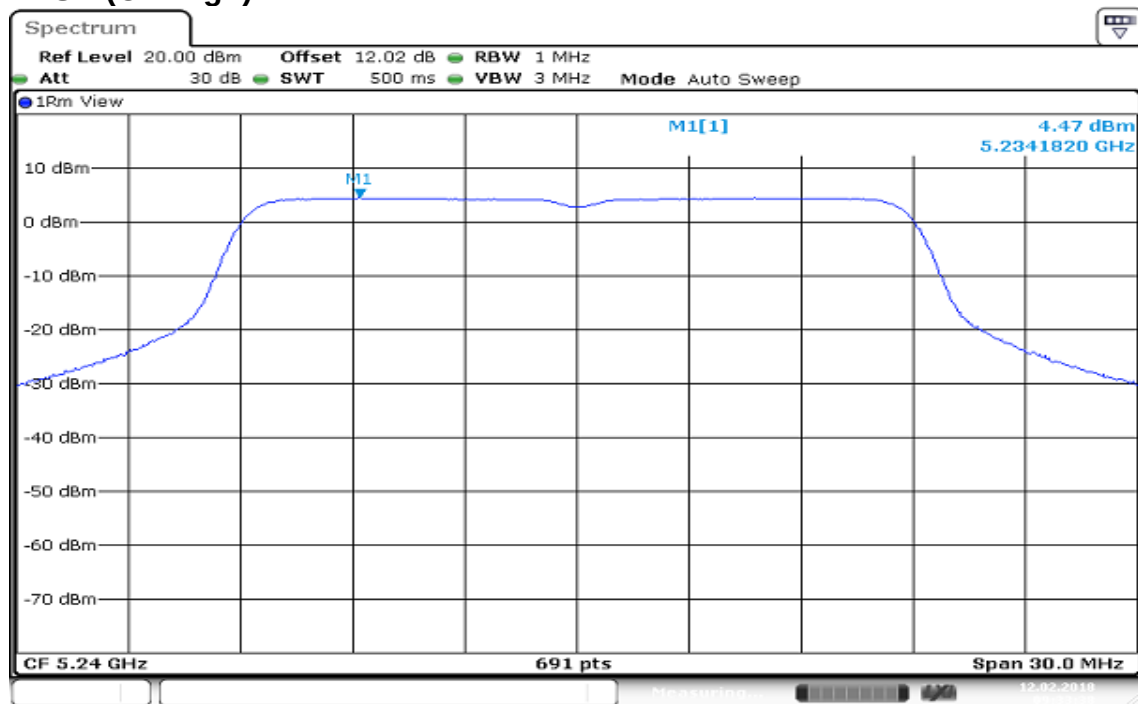
PPSD (CH High)



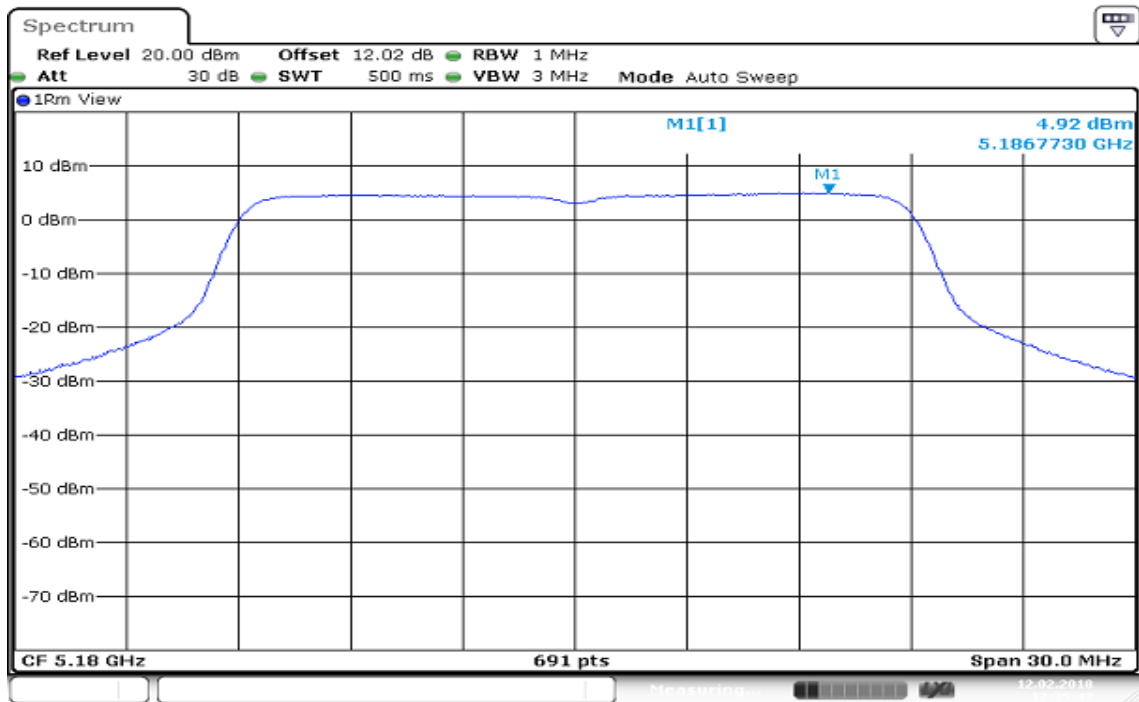
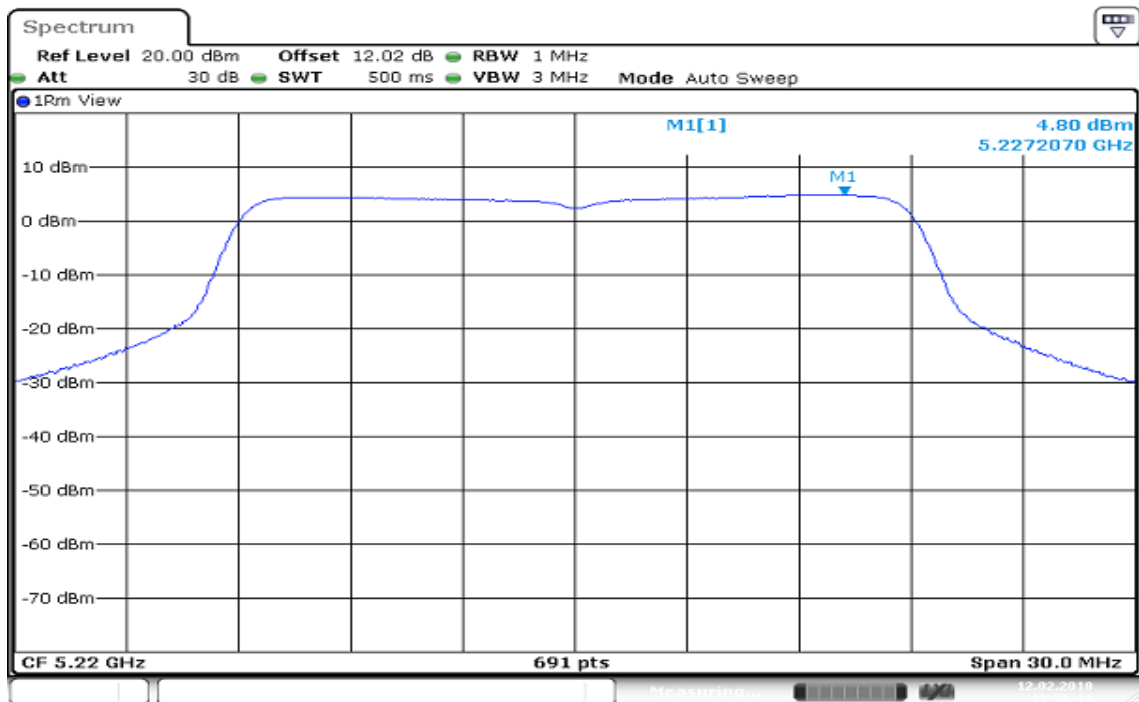
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IEEE 802.11n 20 MHz mode / 5180 ~ 5240MHz / Chain 0**PPSD (CH Low)****PPSD (CH Mid)**

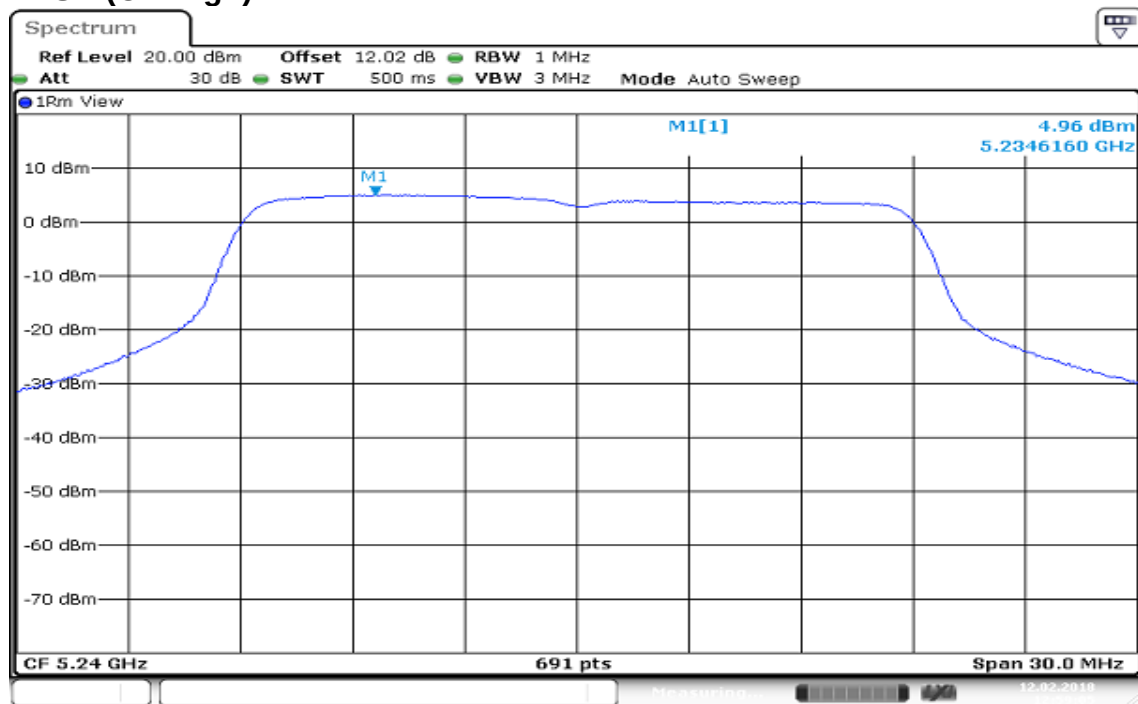
PPSD (CH High)



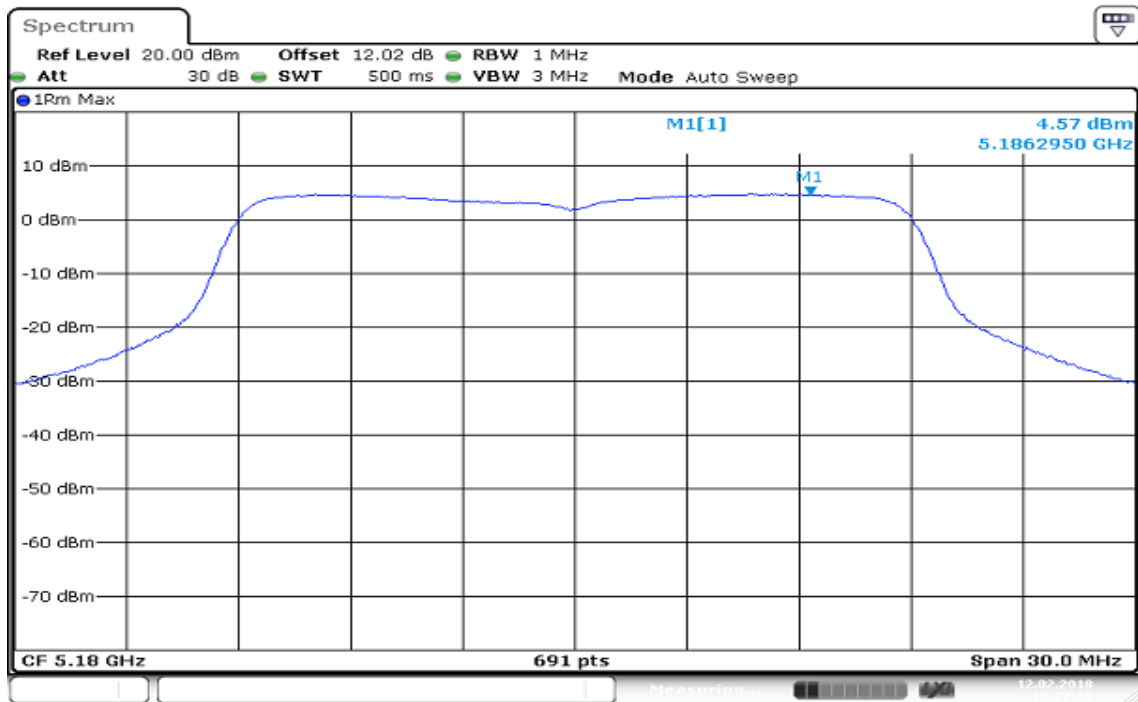
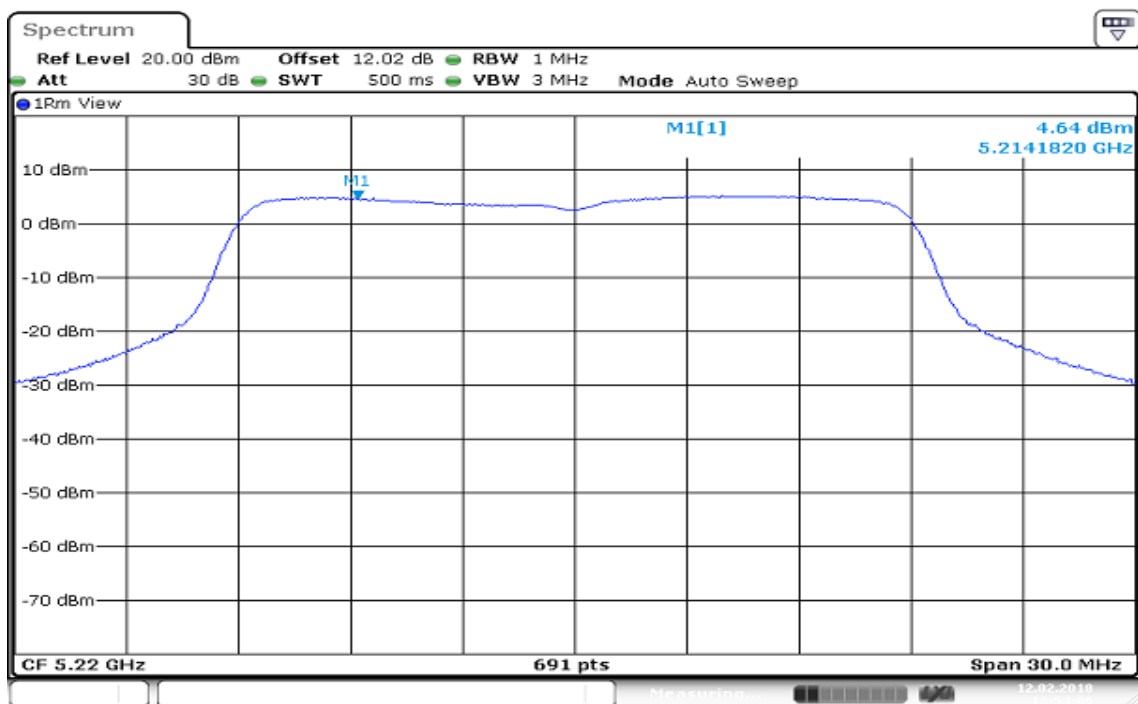
Date: 12 FEB 2018 09:33:38

IEEE 802.11n 20 MHz mode / 5180 ~ 5240MHz / Chain 1**PPSD (CH Low)****PPSD (CH Mid)**

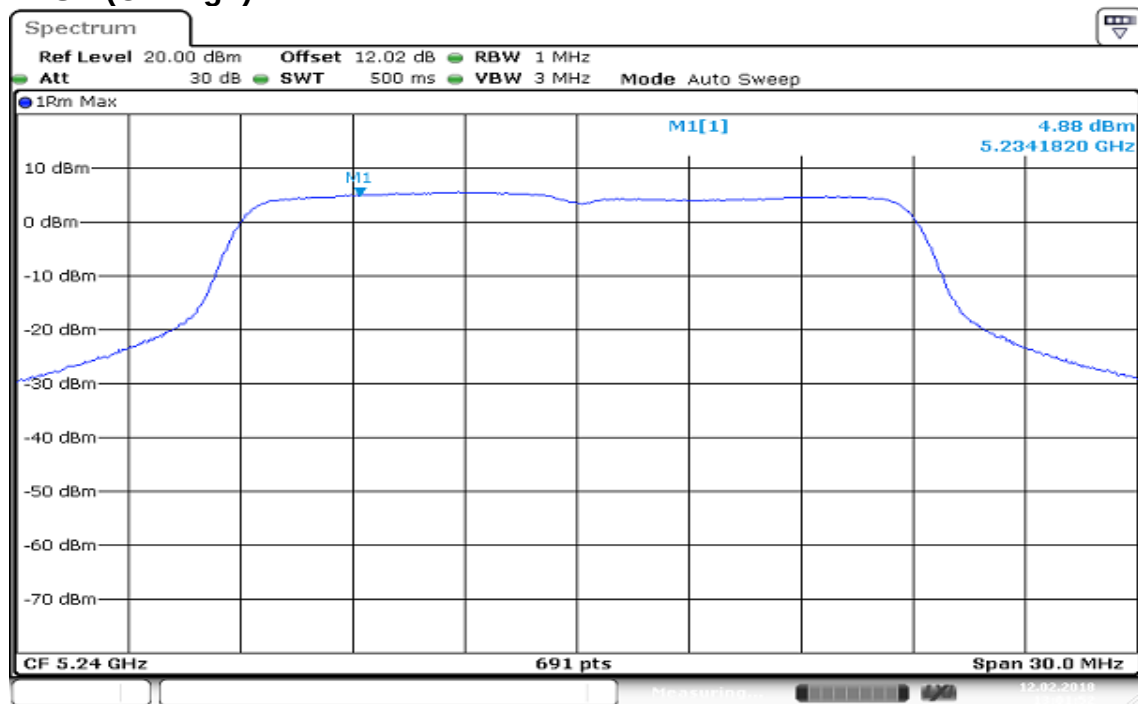
PPSD (CH High)



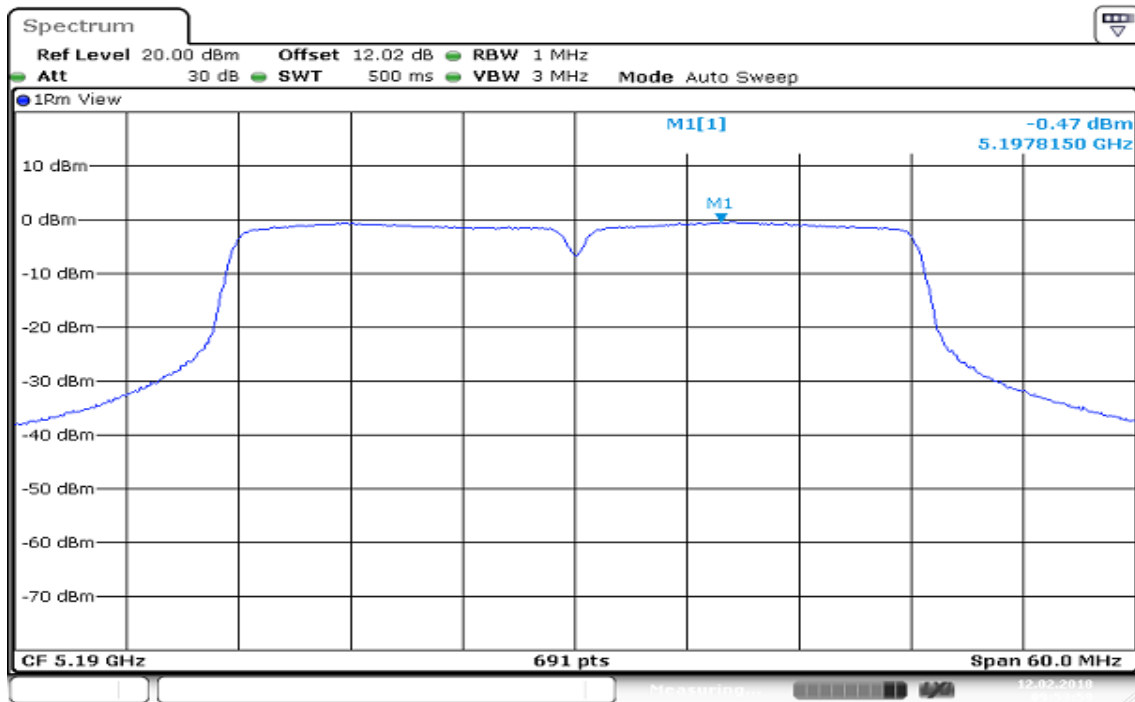
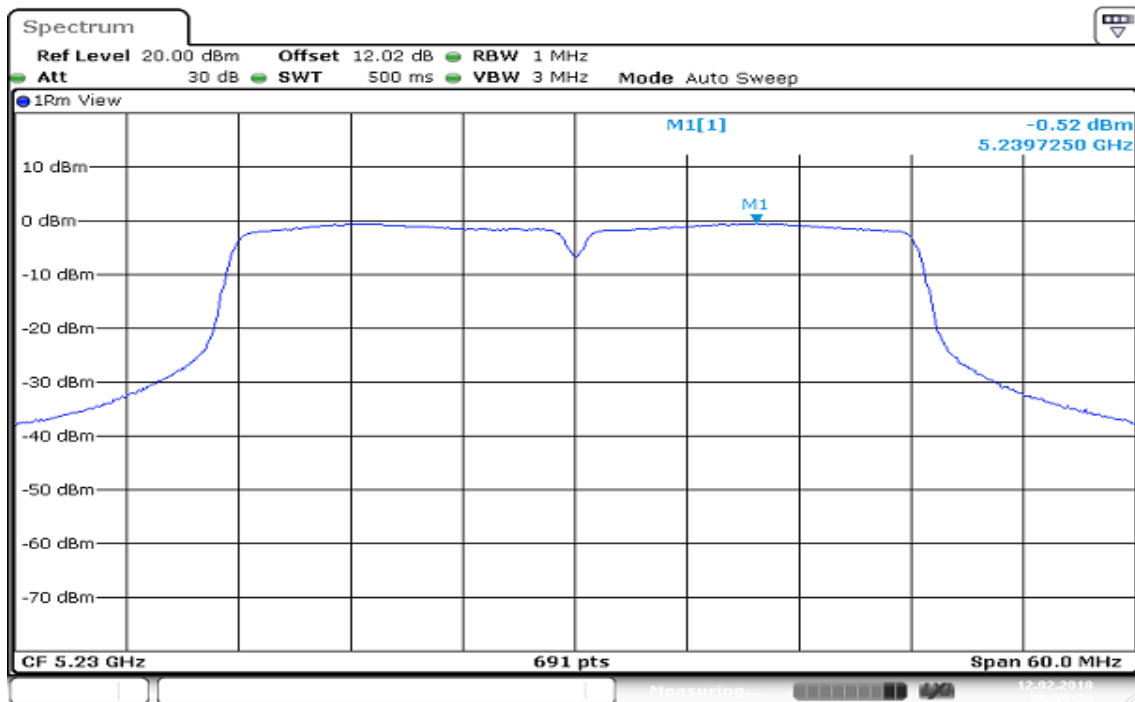
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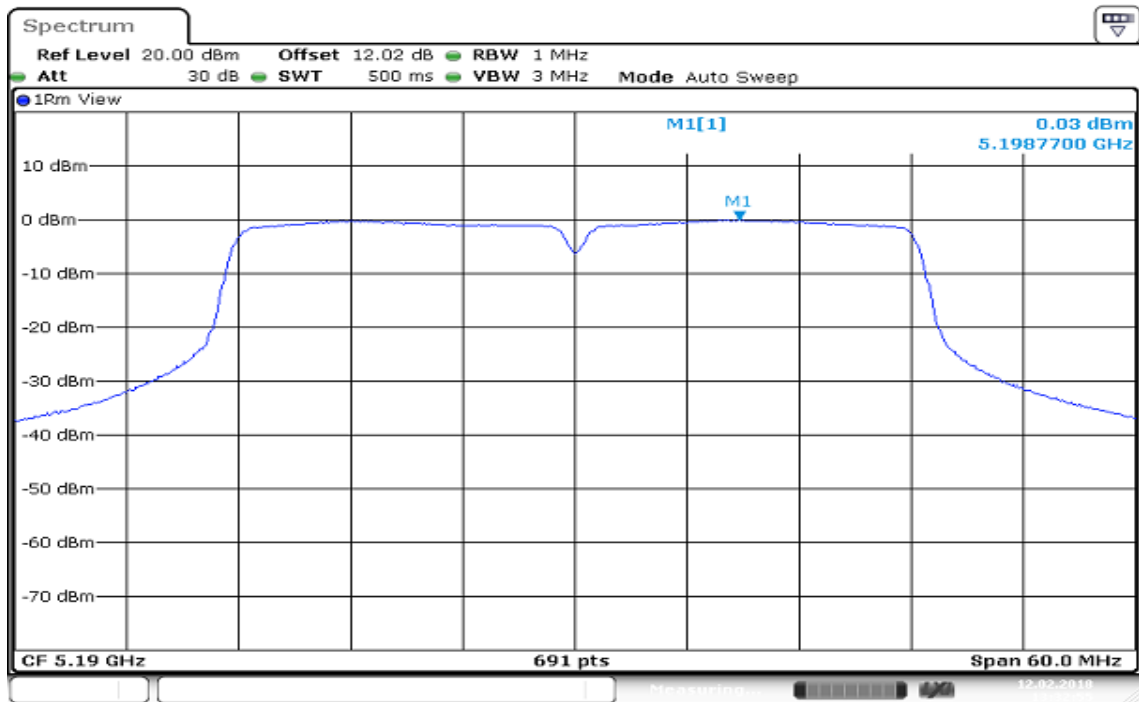
IEEE 802.11n 20 MHz mode / 5180 ~ 5240MHz / Chain 2**PPSD (CH Low)****PPSD (CH Mid)**

PPSD (CH High)

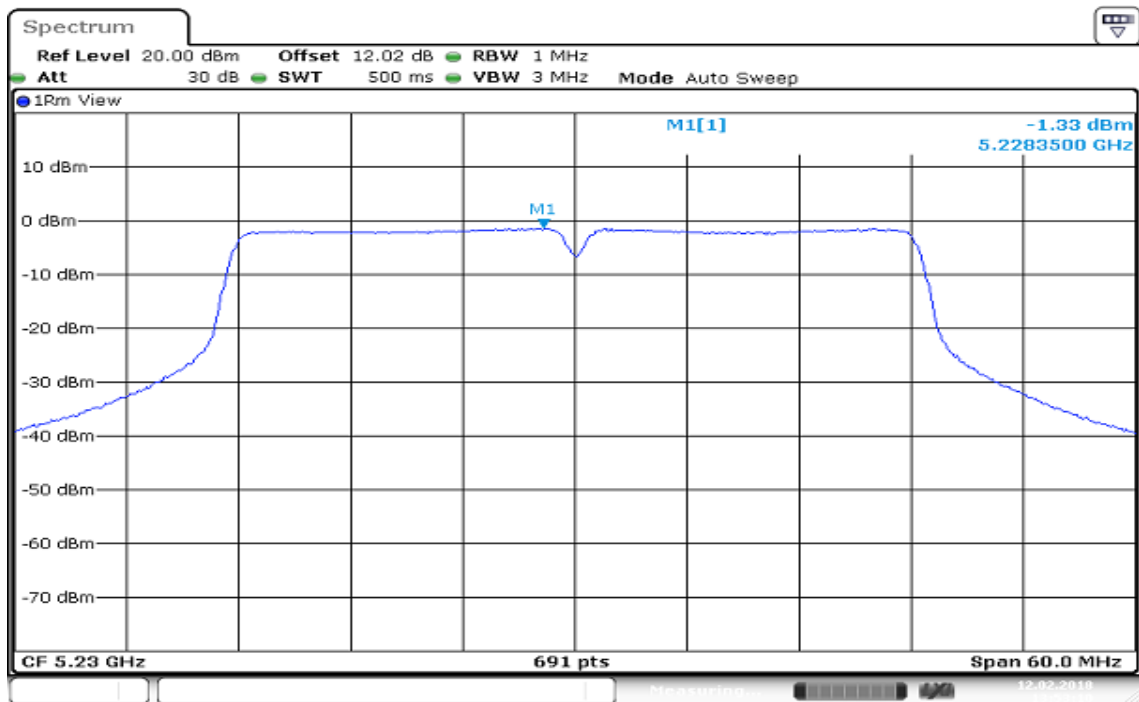


Date: 12 FEB 2018 13:01:52

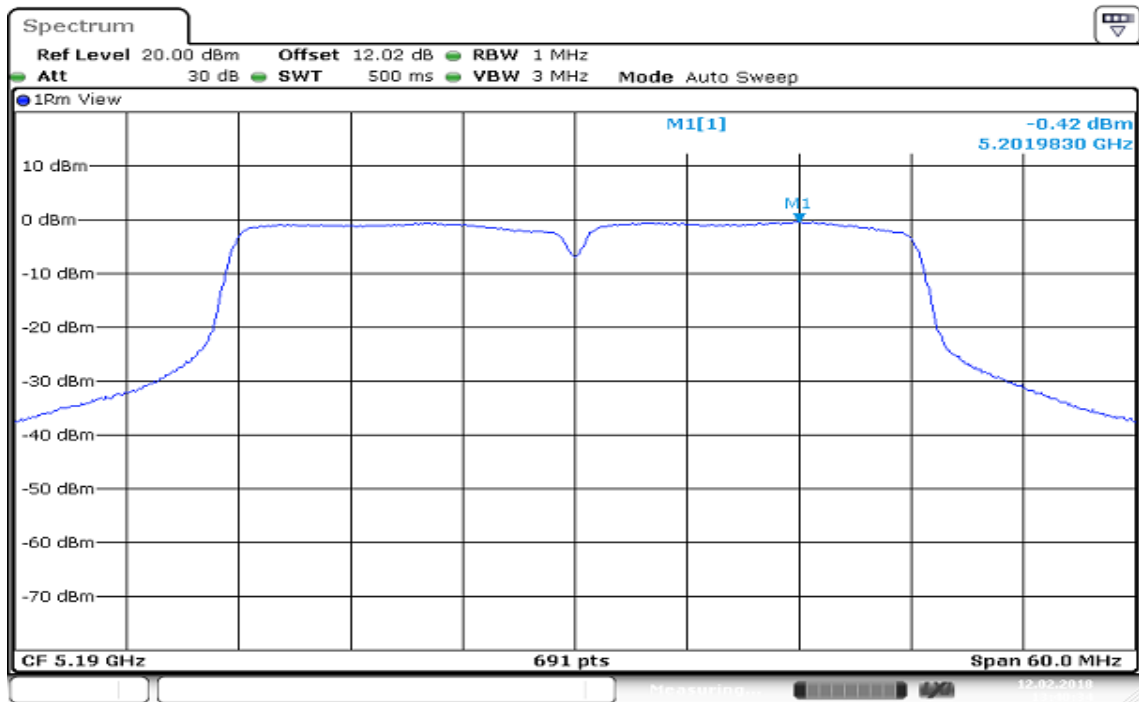
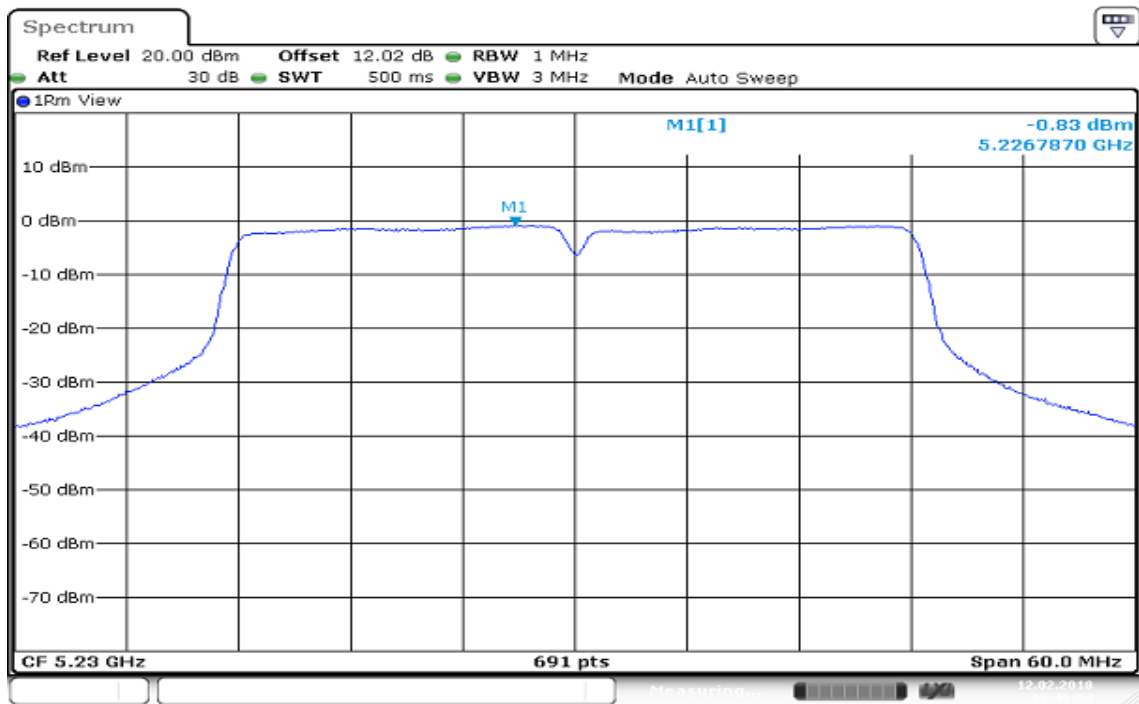
IEEE 802.11n 40 MHz mode / 5190 ~ 5230MHz / Chain 0**PPSD (CH Low)****PPSD (CH High)**

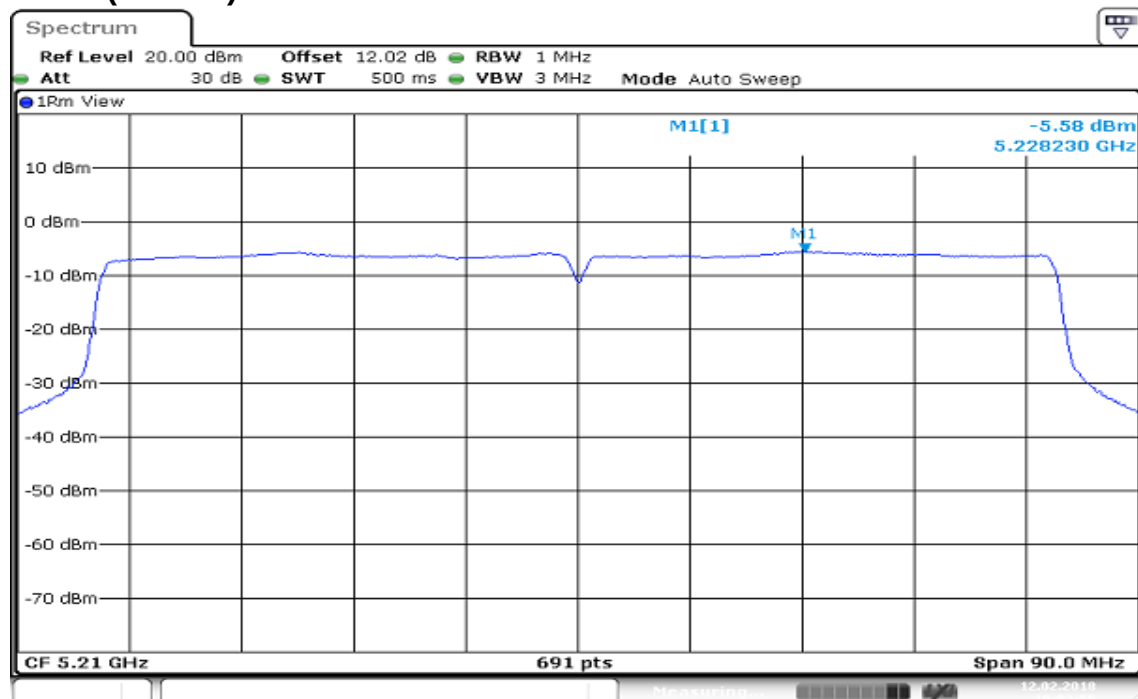
IEEE 802.11n 40 MHz mode / 5190 ~ 5230MHz / Chain 1**PPSD (CH Low)**

Date: 12 FEB 2018 13:32:56

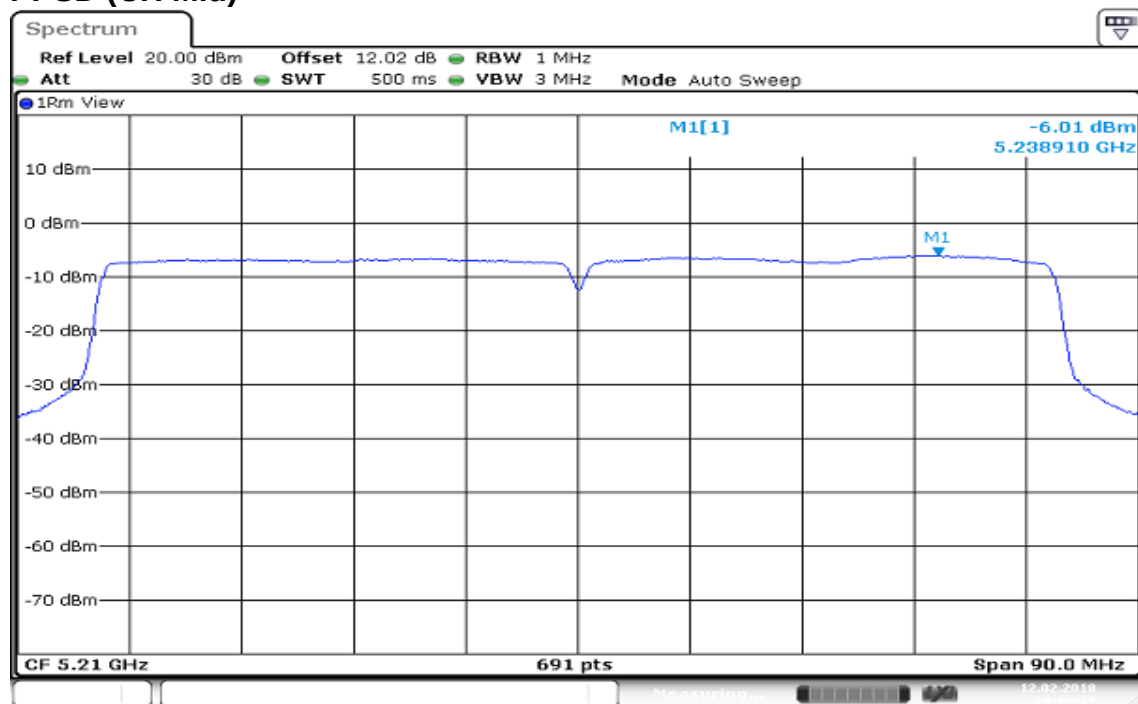
PPSD (CH High)

Date: 12 FEB 2018 13:53:09

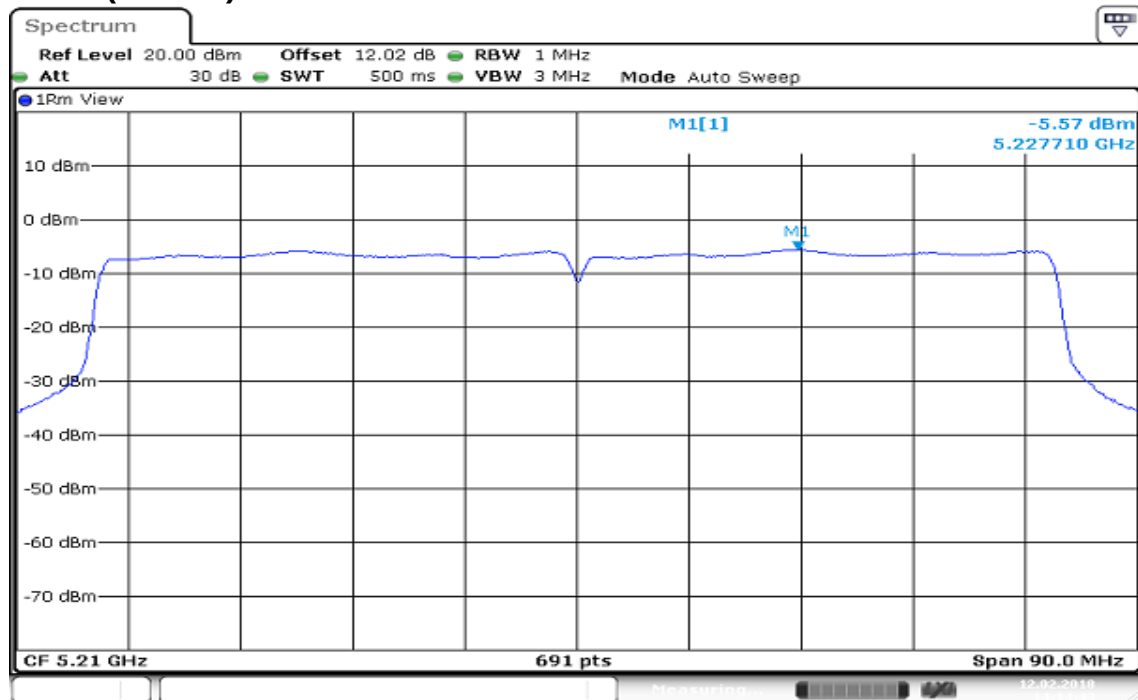
IEEE 802.11n 40 MHz mode / 5190 ~ 5230MHz / Chain 2**PPSD (CH Low)****PPSD (CH High)**

IEEE 802.11ac VHT 80 MHz mode / 5210MHz/ Chain 0**PPSD (CH Mid)**

Date: 12.FEB.2018 10:02:55

IEEE 802.11ac VHT 80 MHz mode / 5210MHz/ Chain 1**PPSD (CH Mid)**

Date: 12.FEB.2018 14:10:38

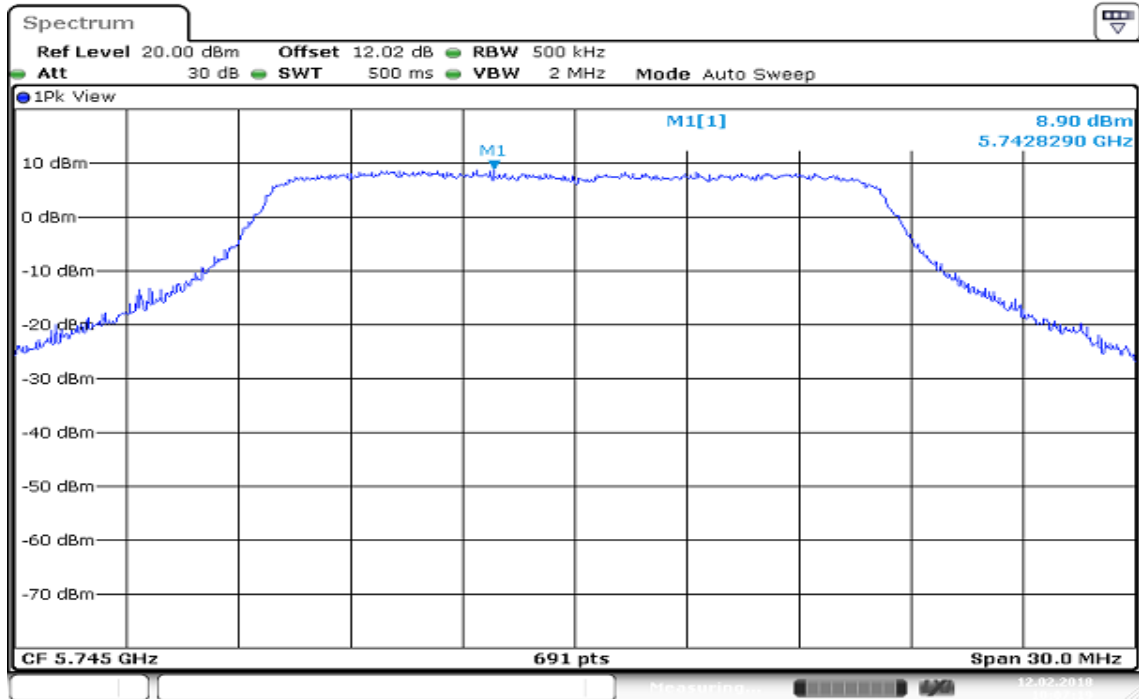
IEEE 802.11ac VHT 80 MHz mode / 5210MHz/ Chain 2**PPSD (CH Mid)**

Date: 12 FEB 2018 14:14:44

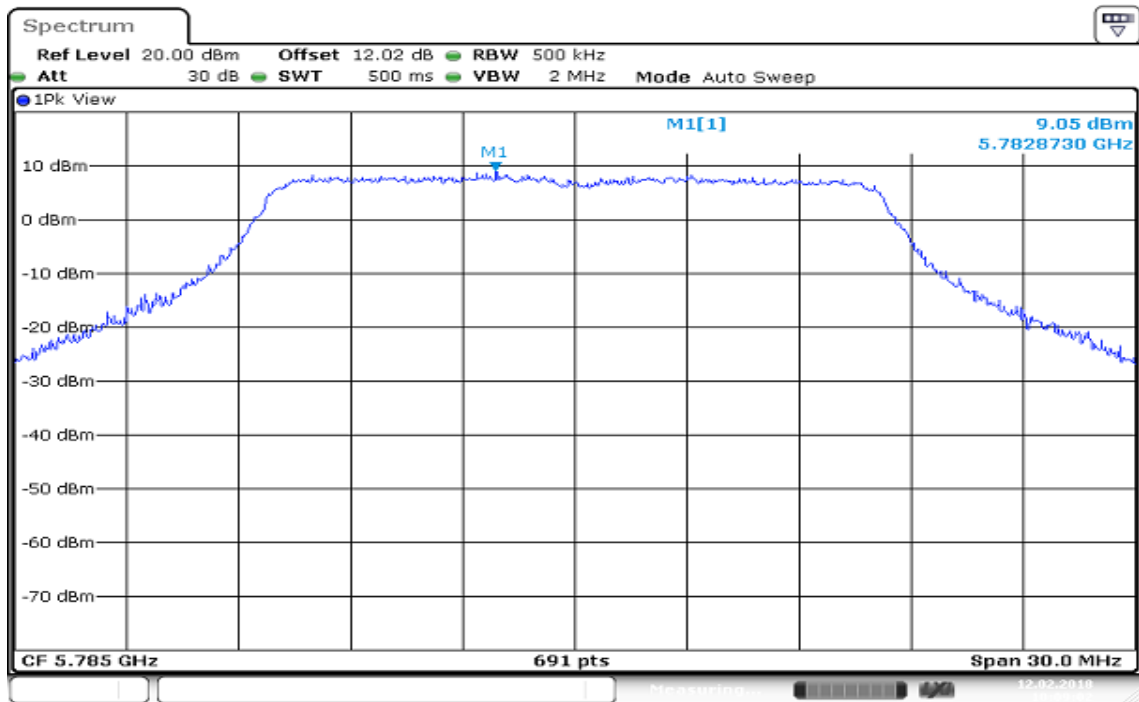
Band IV

IEEE 802.11a MHz mode / 5745 ~ 5825MHz / Chain 0

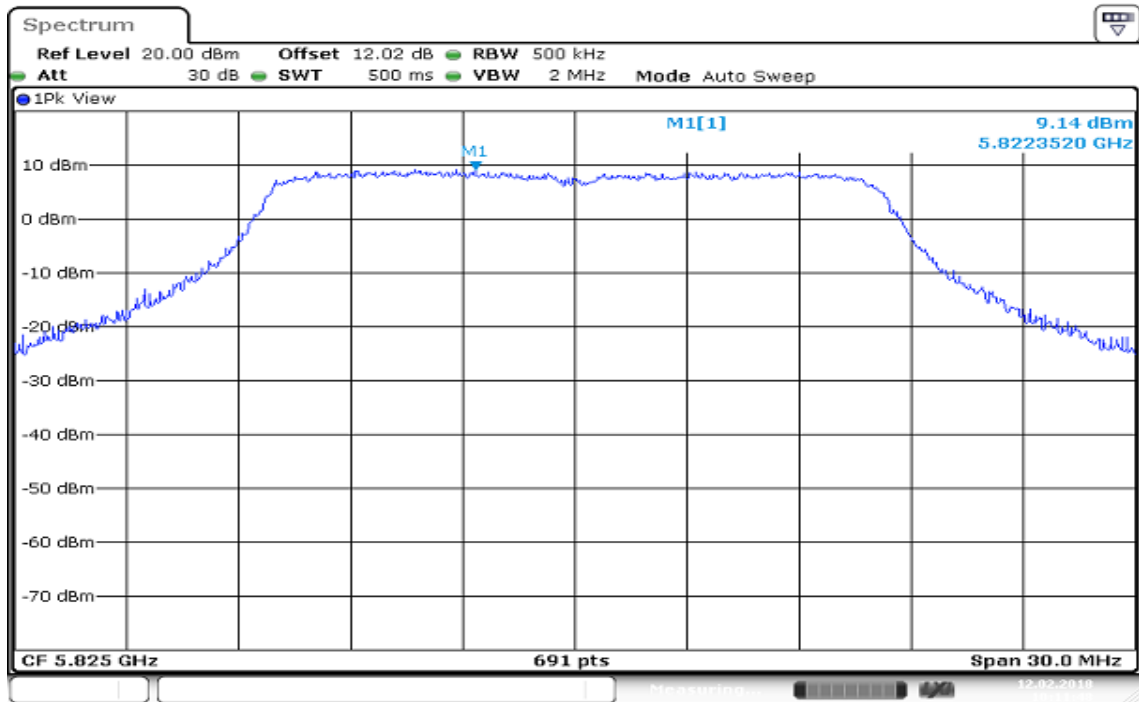
PPSD (CH Low)



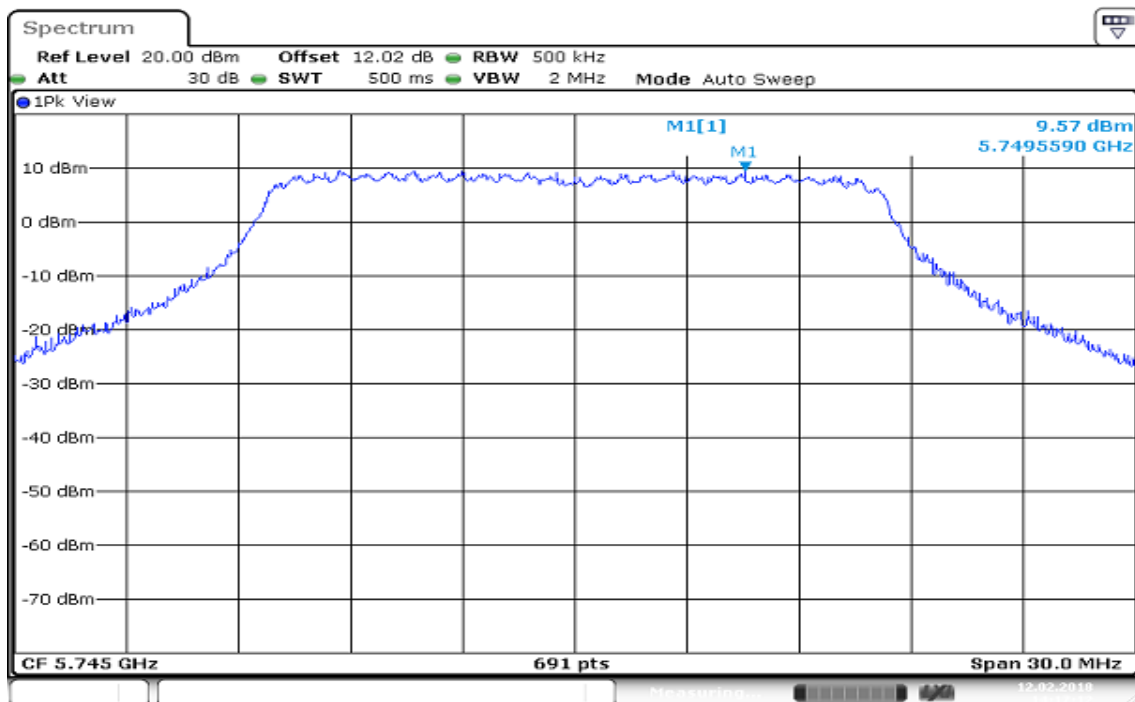
PPSD (CH Mid)



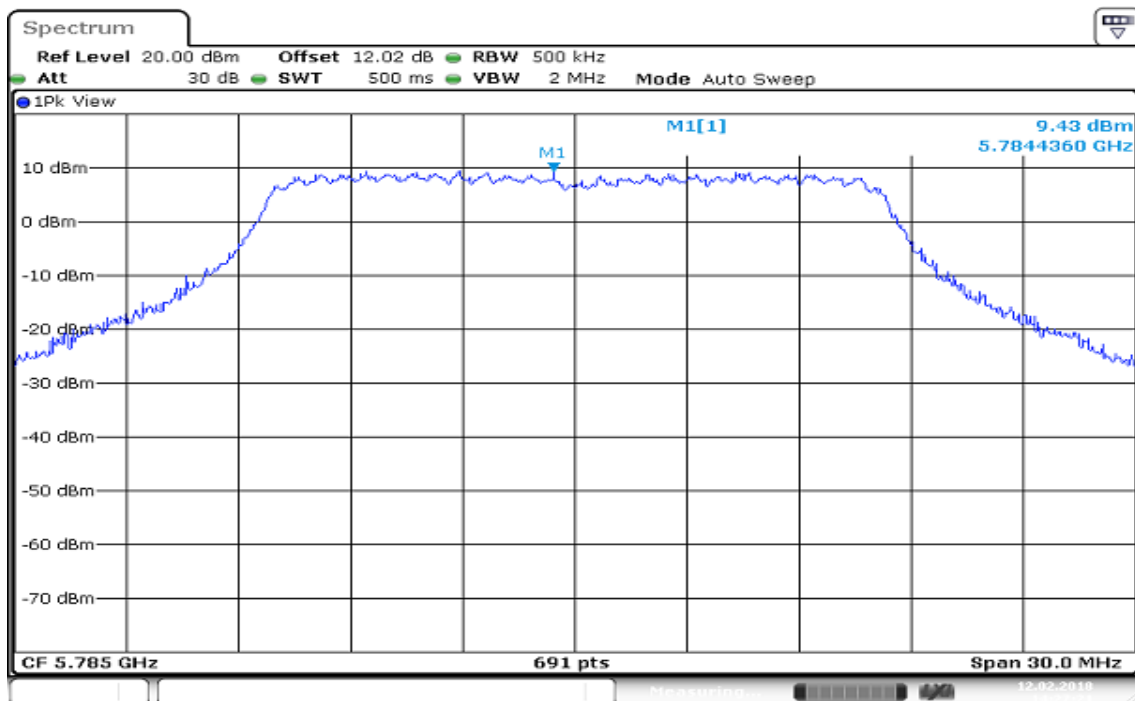
PPSD (CH High)



Date: 12.FEB.2018 10:11:49

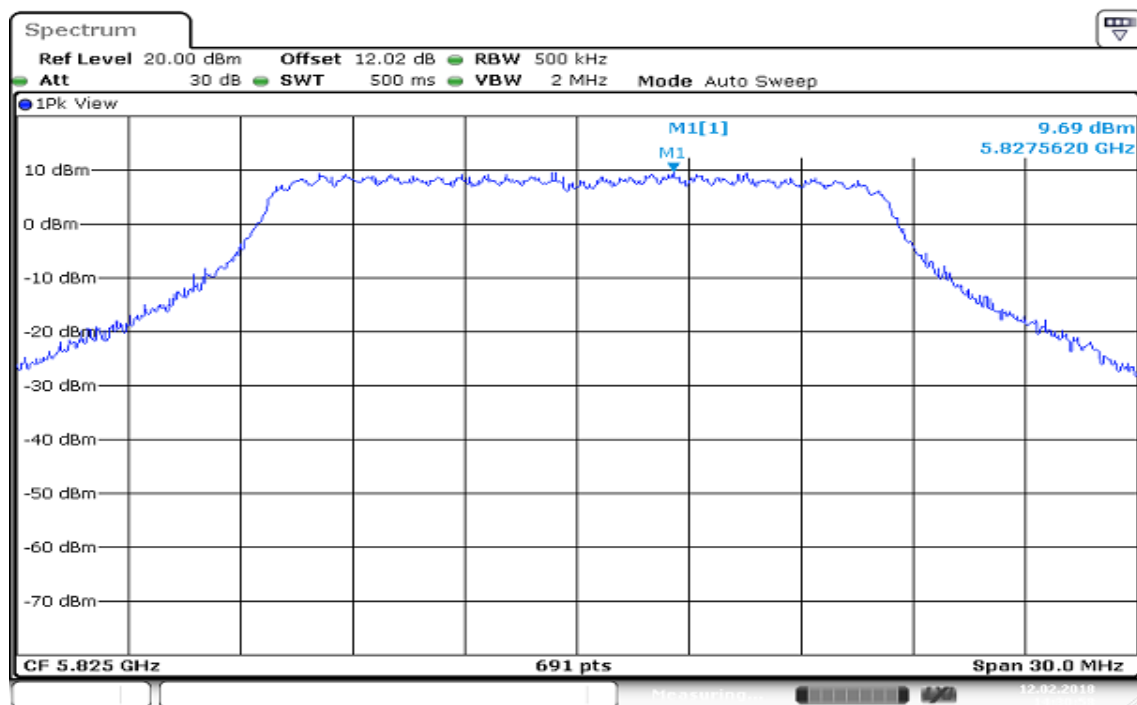
IEEE 802.11a MHz mode / 5745 ~ 5825MHz / Chain 1**PPSD (CH Low)**

Date: 12.FEB.2018 14:17:12

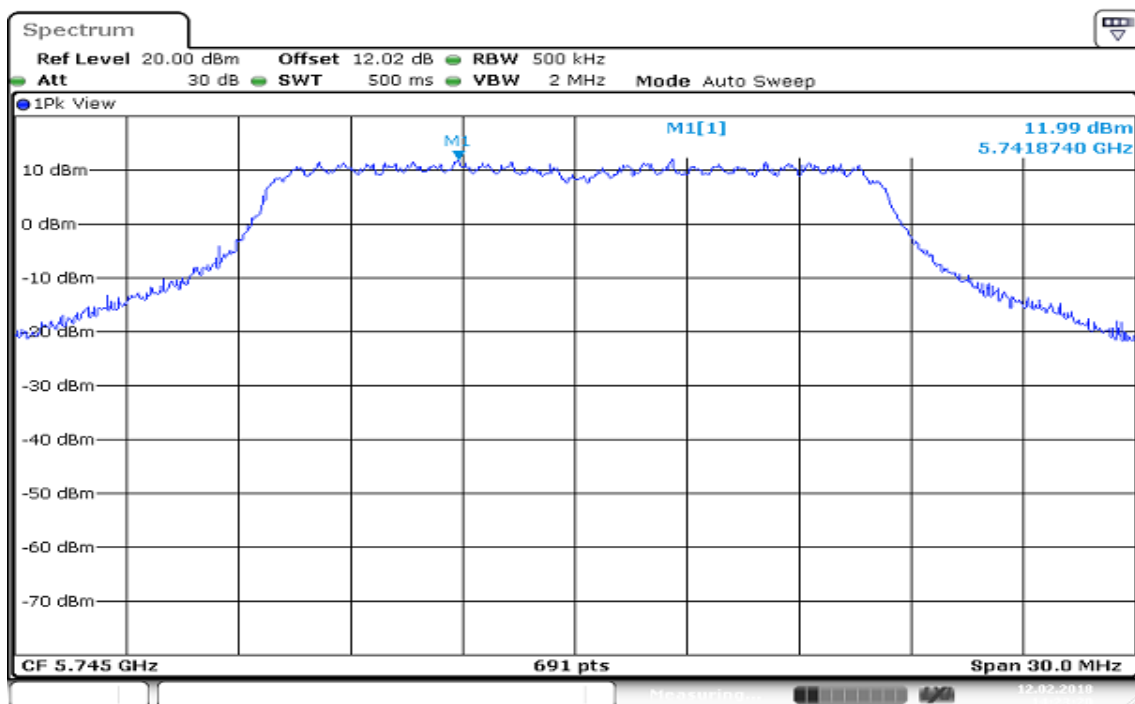
PPSD (CH Mid)

Date: 12.FEB.2018 14:27:21

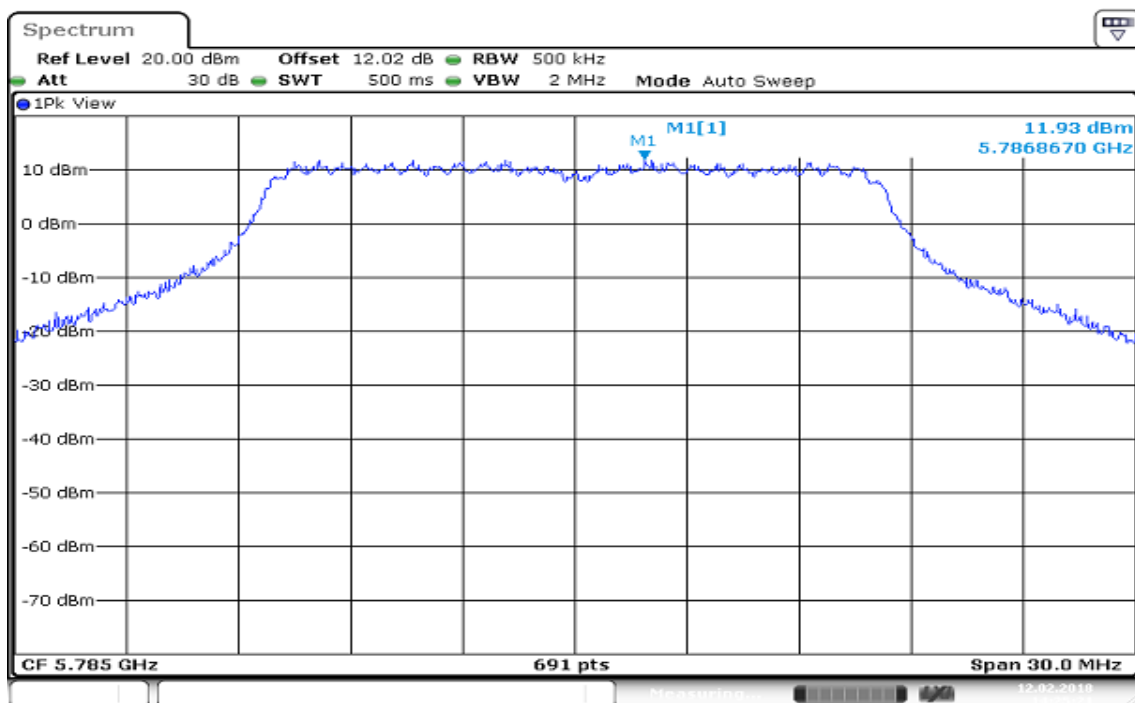
PPSD (CH High)



Date: 12.FEB.2018 14:20:58

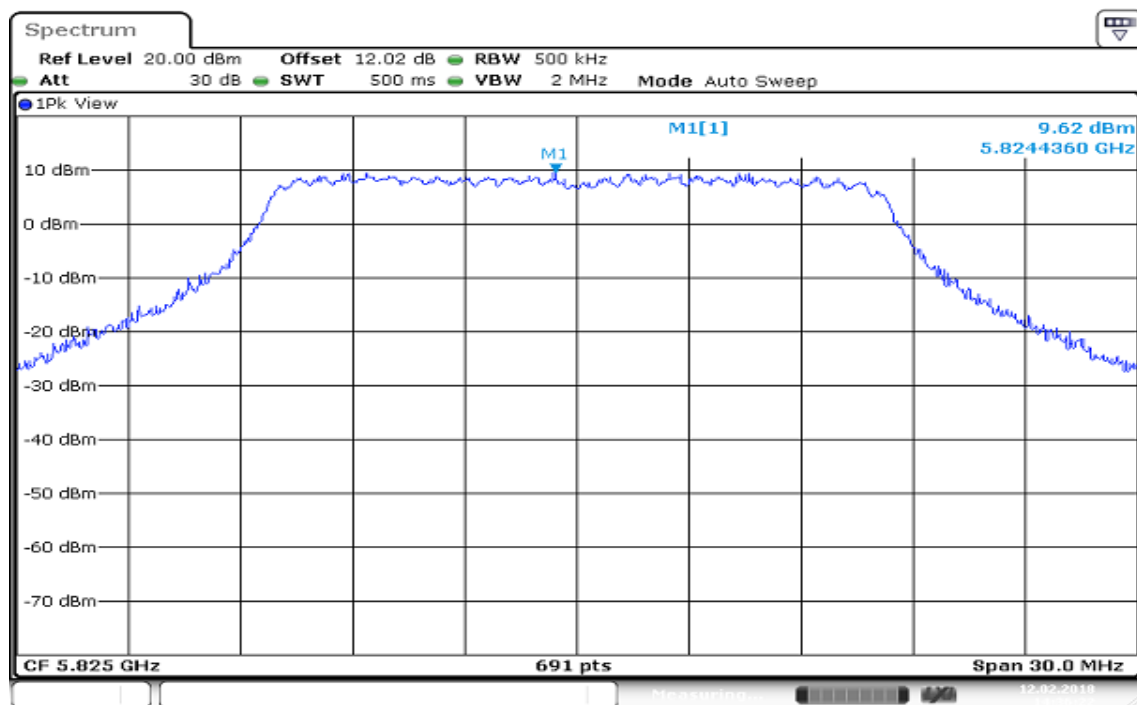
IEEE 802.11a MHz mode / 5745 ~ 5825MHz / Chain 2**PPSD (CH Low)**

Date: 12.FEB.2018 14:23:20

PPSD (CH Mid)

Date: 12.FEB.2018 14:25:22

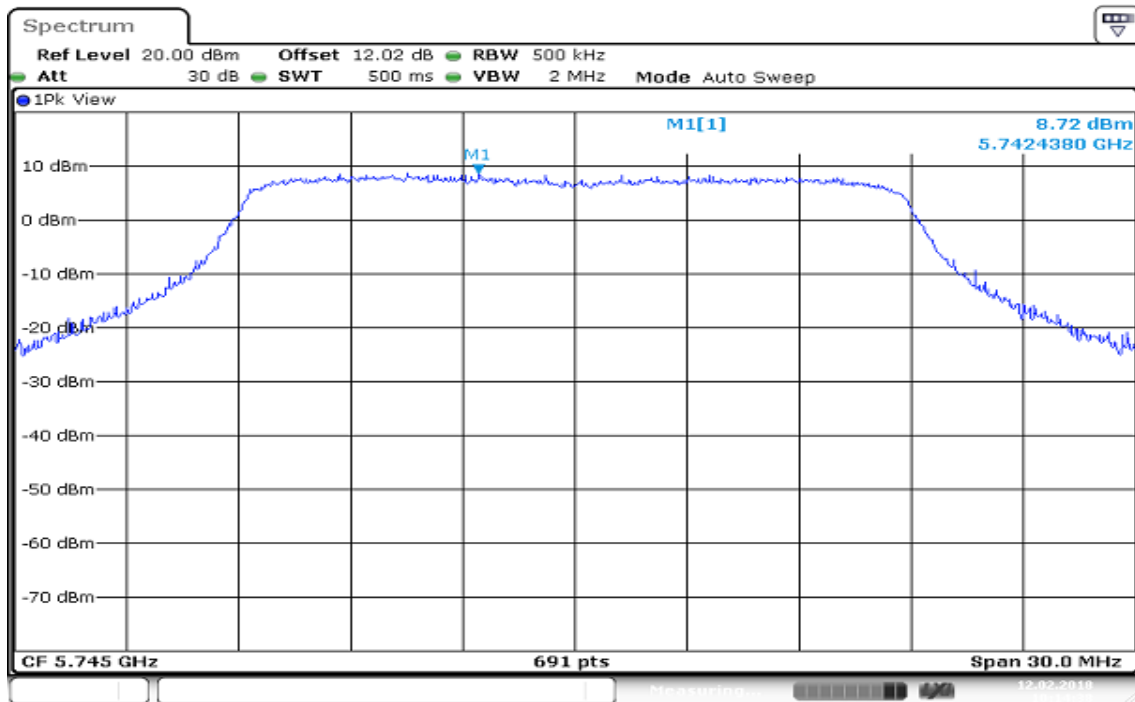
PPSD (CH High)



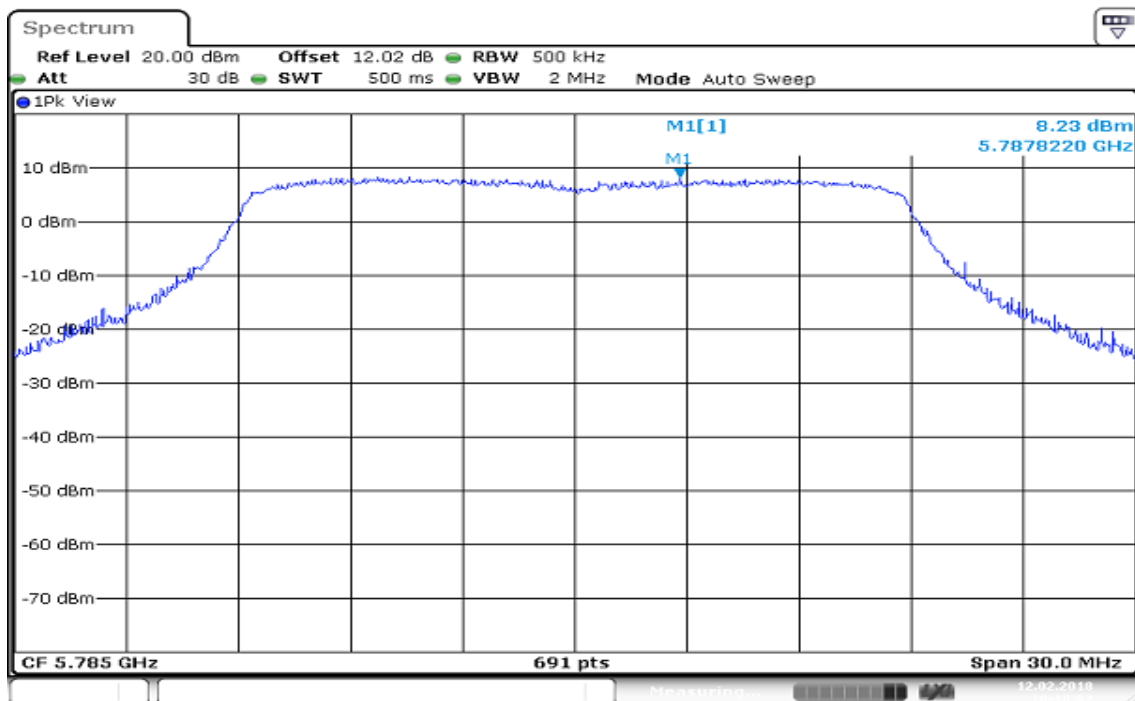
Date: 12.FEB.2018 14:26:22

IEEE 802.11n 20 MHz mode / 5745 ~ 5825MHz / Chain 0

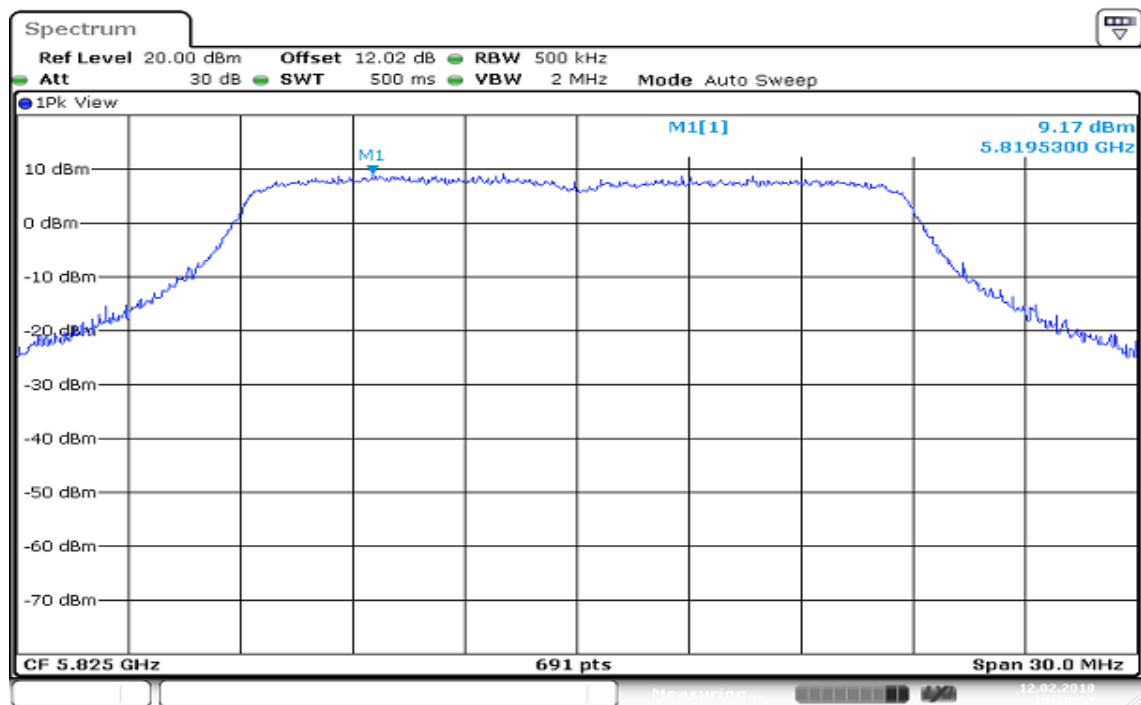
PPSD (CH Low)



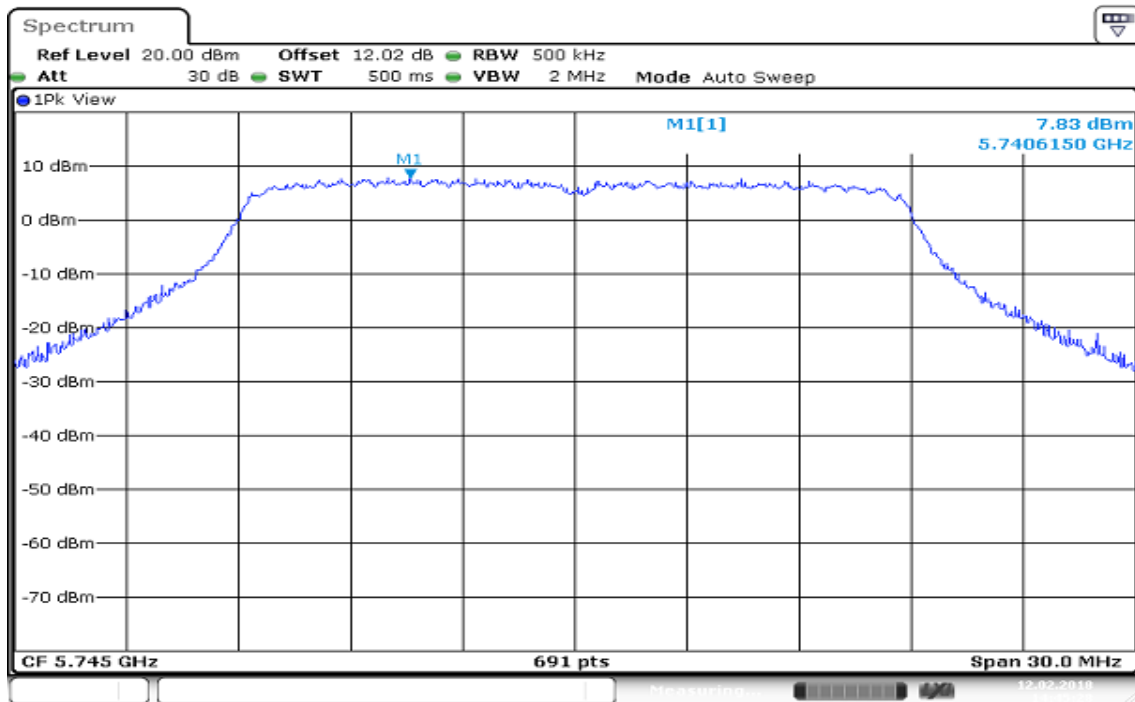
PPSD (CH Mid)



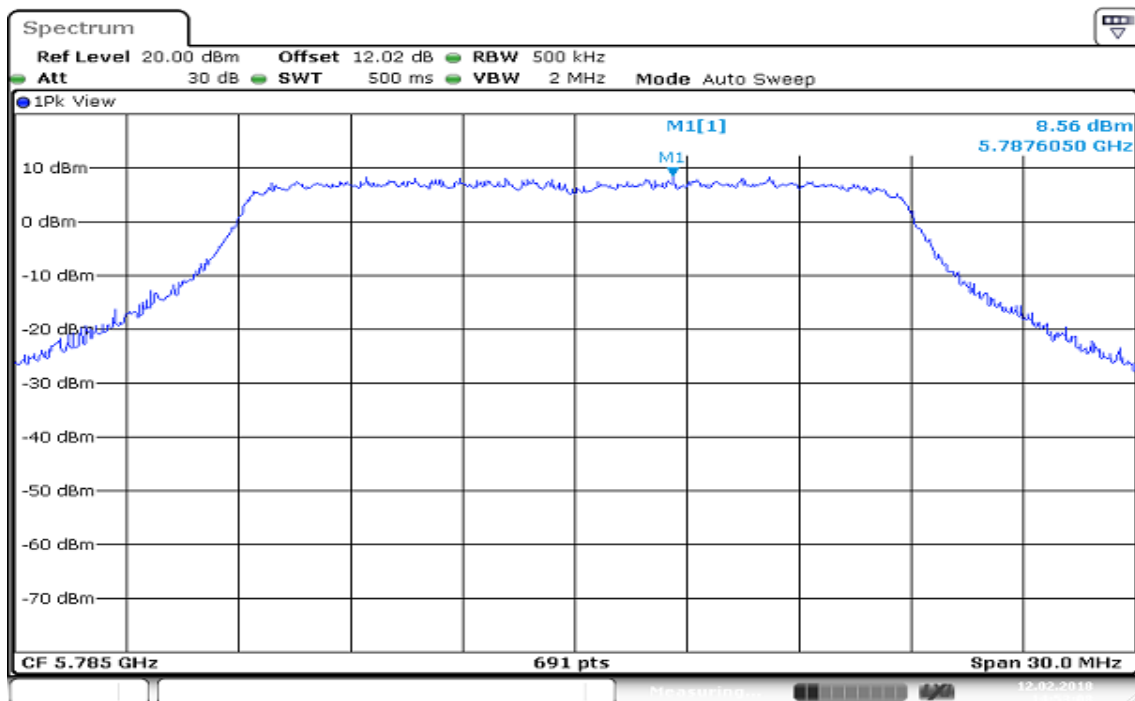
PPSD (CH High)



Date: 12 FEB 2018 10:20:57

IEEE 802.11n 20 MHz mode / 5745 ~ 5825MHz / Chain 1**PPSD (CH Low)**

Date: 12.FEB.2018 14:45:29

PPSD (CH Mid)

Date: 12.FEB.2018 14:53:08

Spectrum

Ref Level 20.00 dBm Offset 12.02 dB RBW 500 kHz
 Att 30 dB SWT 500 ms VBW 2 MHz Mode Auto Sweep

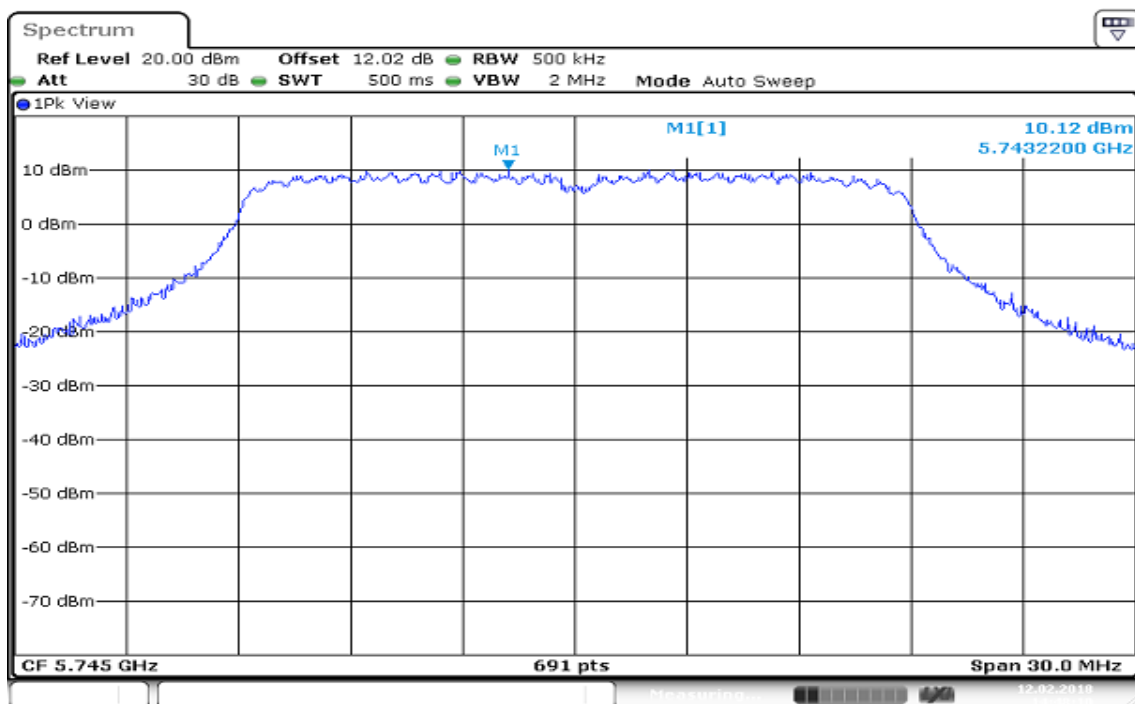
1Pk View

M1

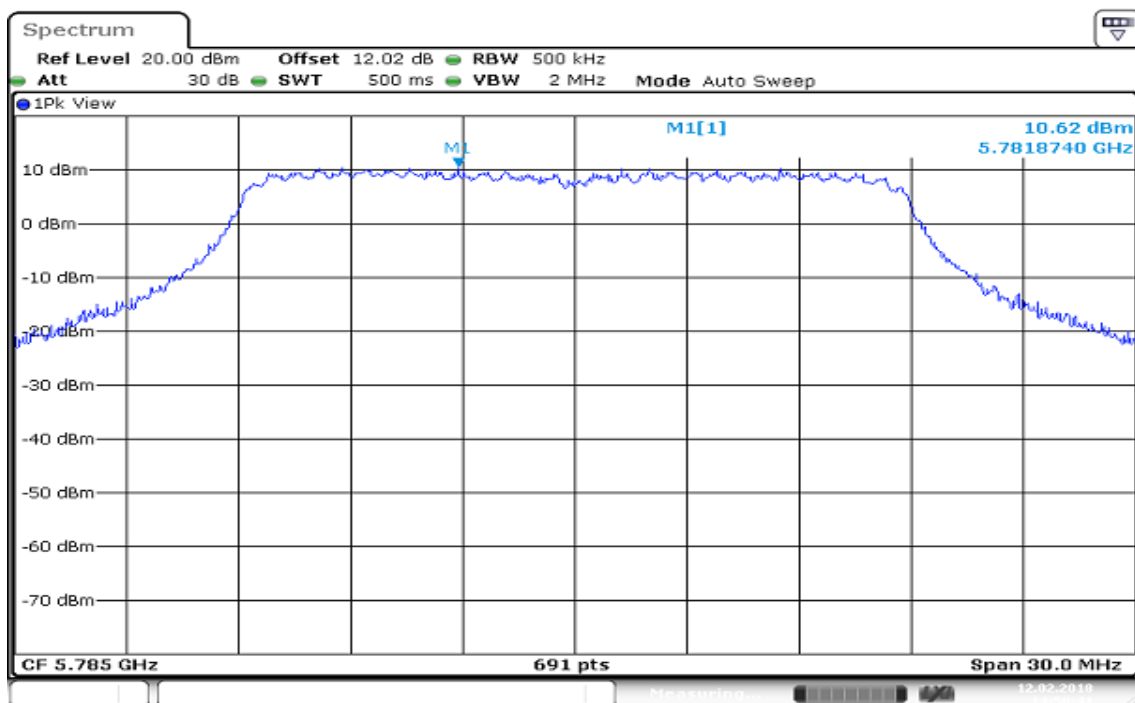
M1[1] 9.22 dBm 5.8205720 GHz

CF 5.825 GHz 691 pts Span 30.0 MHz

Date: 12 FEB 2018 14:55:31

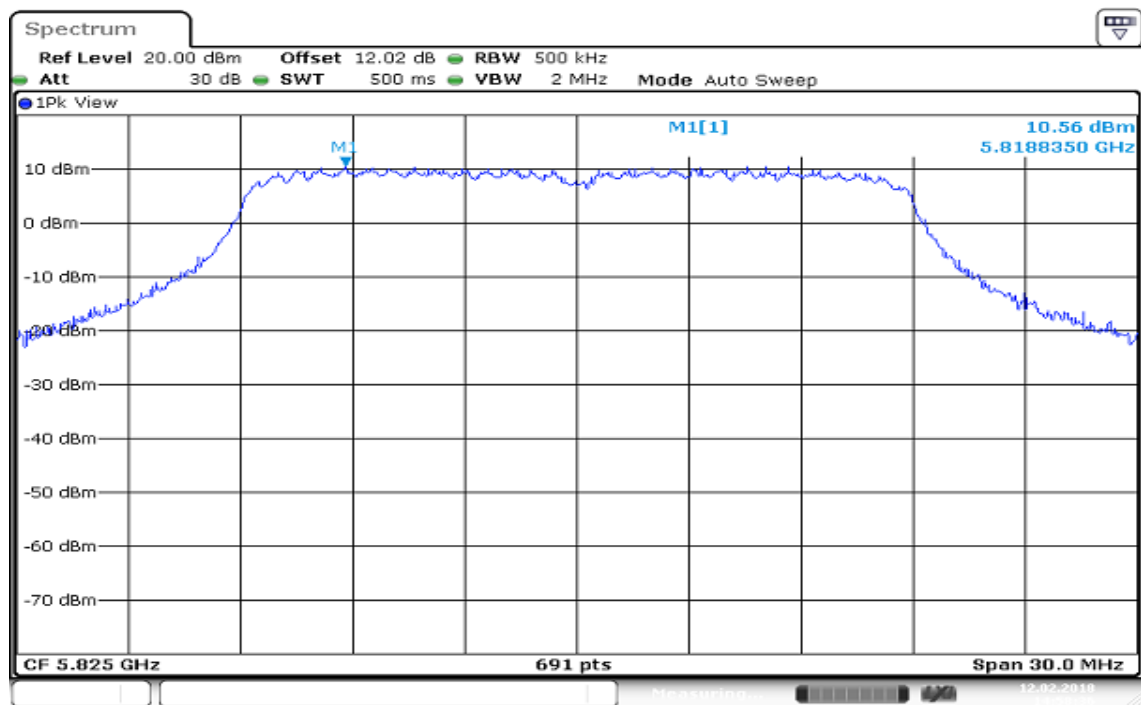
IEEE 802.11n 20 MHz mode / 5745 ~ 5825MHz / Chain 2**PPSD (CH Low)**

Date: 12.FEB.2018 14:48:10

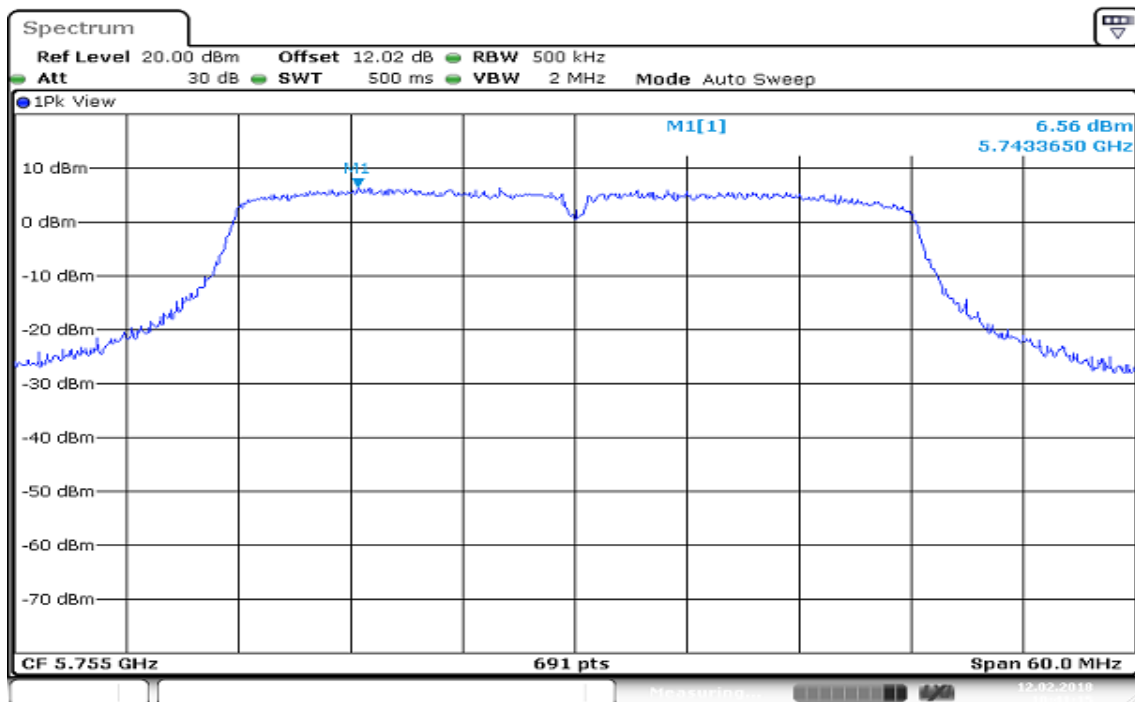
PPSD (CH Mid)

Date: 12.FEB.2018 14:50:42

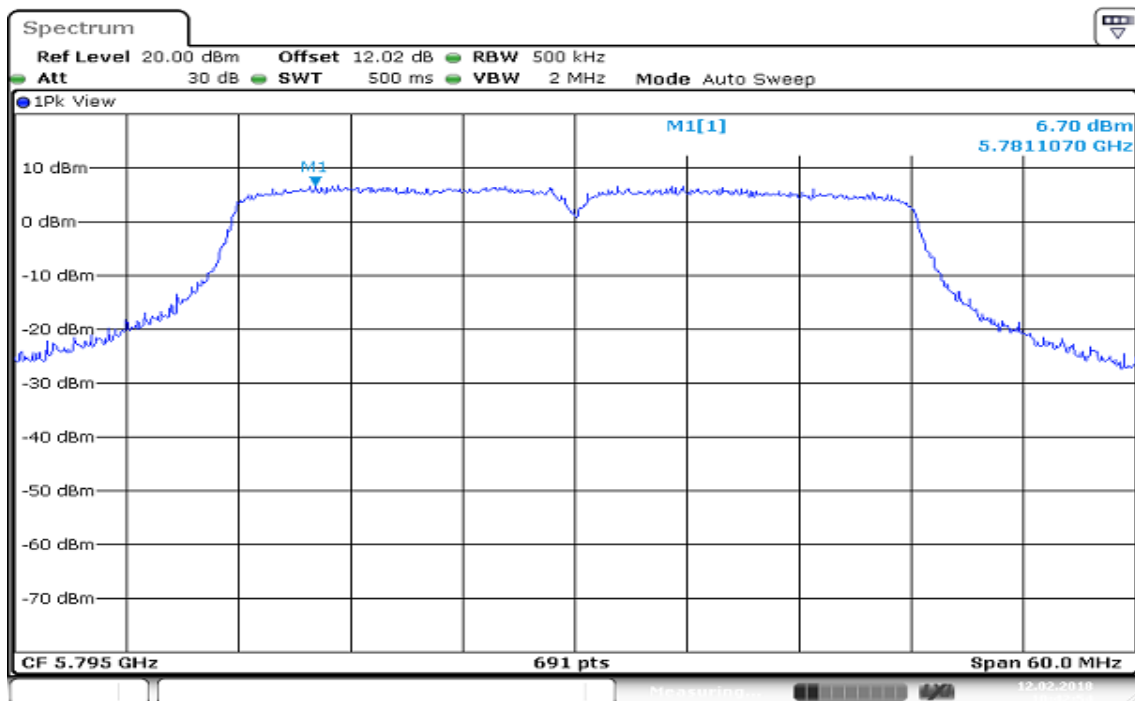
PPSD (CH High)



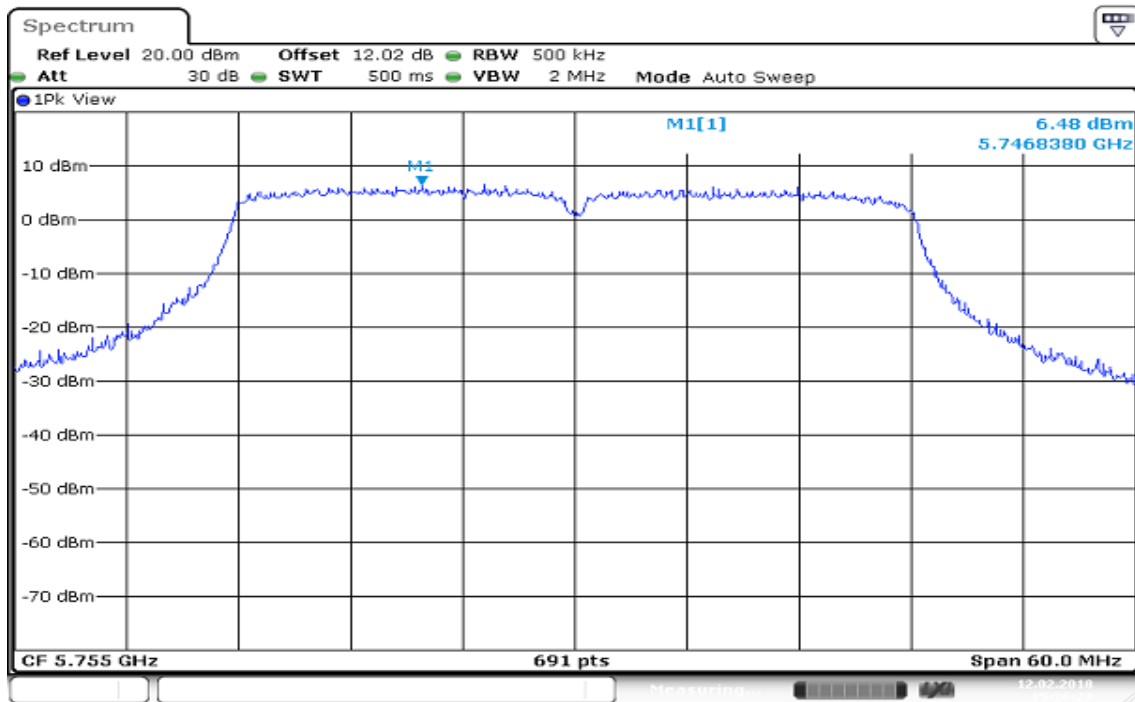
Date: 12 FEB 2018 14:58:26

IEEE 802.11n 40 MHz mode / 5755 ~ 5795MHz / Chain 0**PPSD (CH Low)**

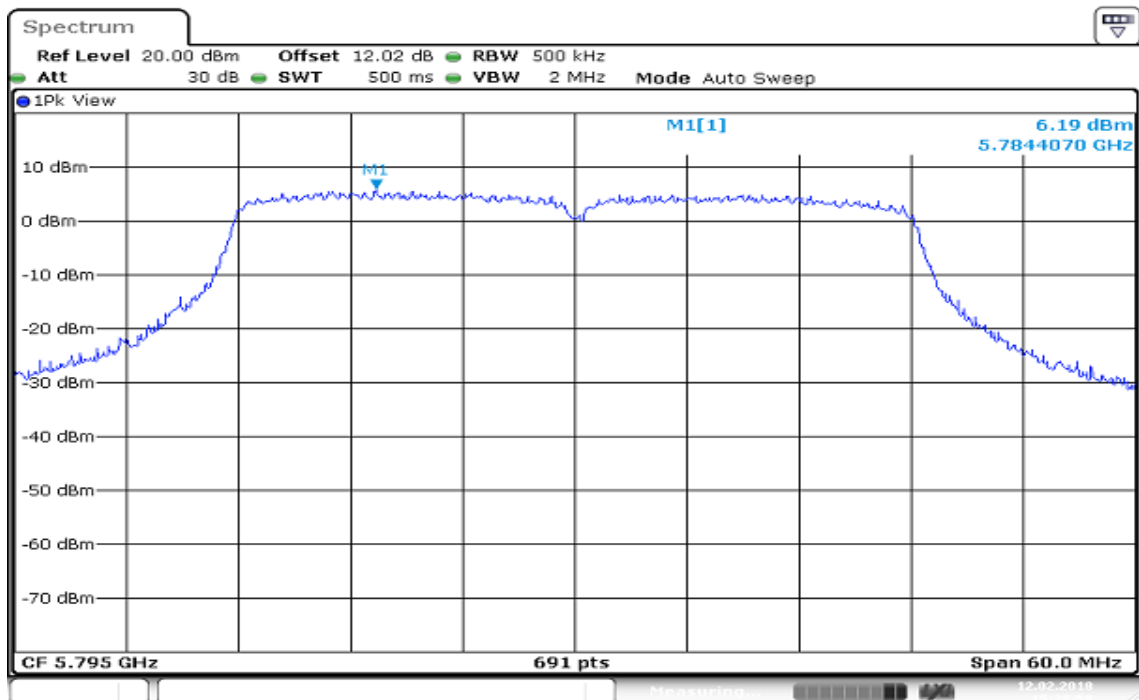
Date: 12.FEB.2018 10:41:15

PPSD (CH High)

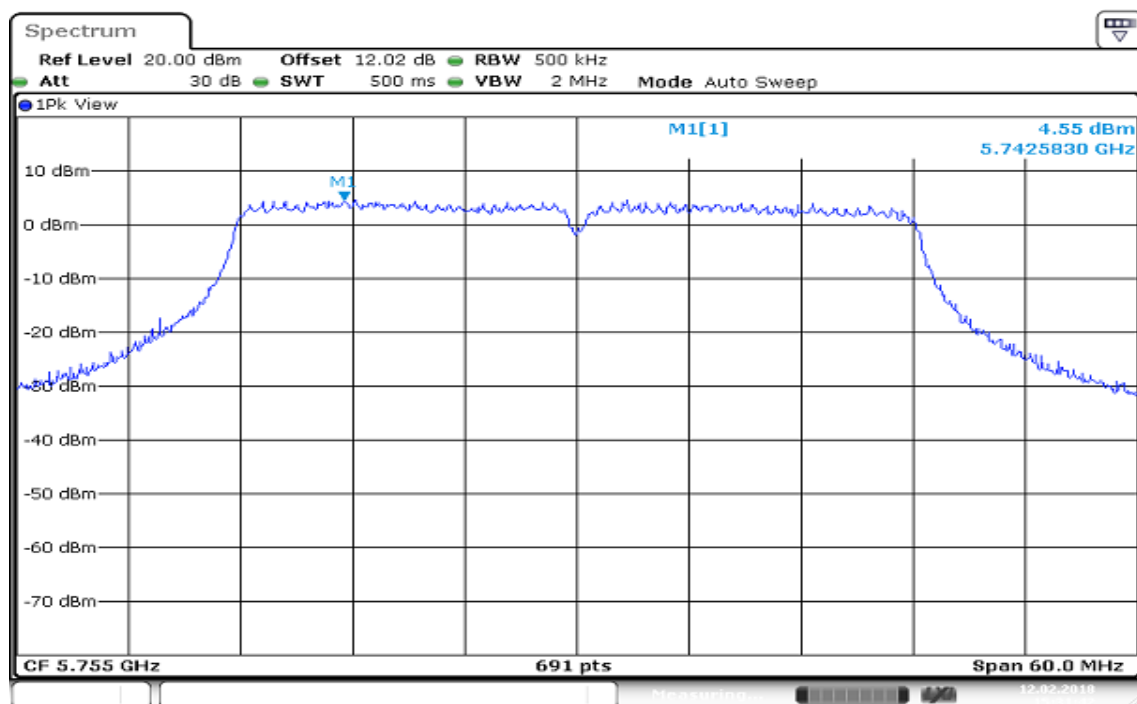
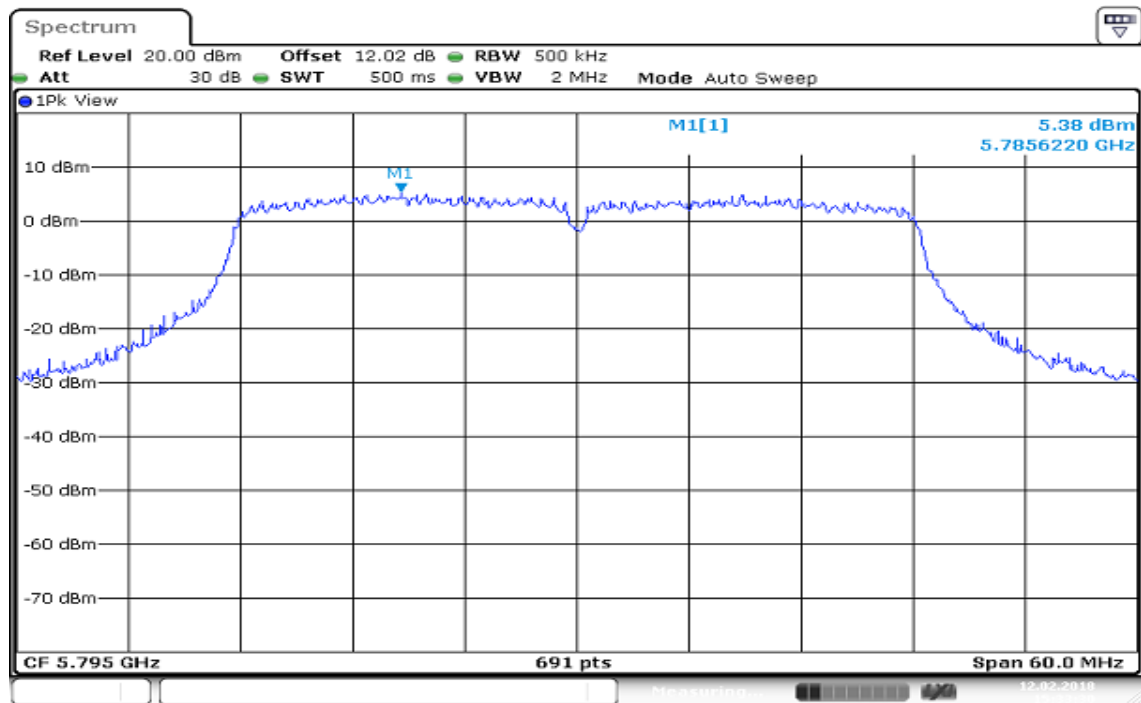
Date: 12.FEB.2018 10:42:54

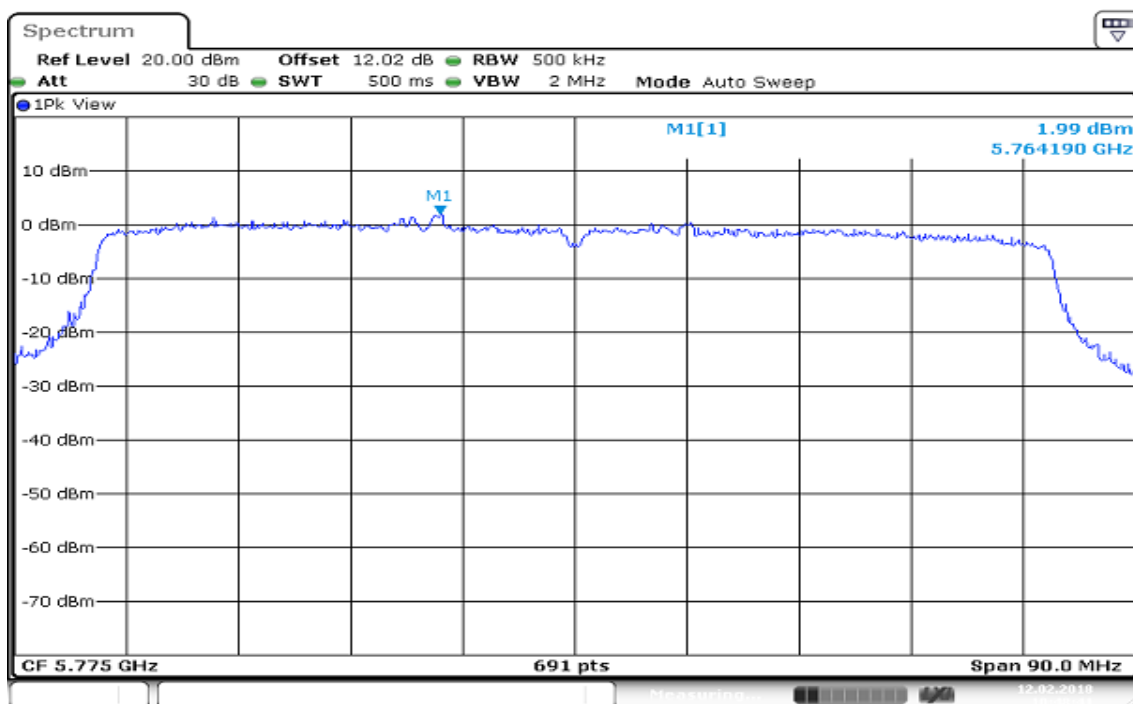
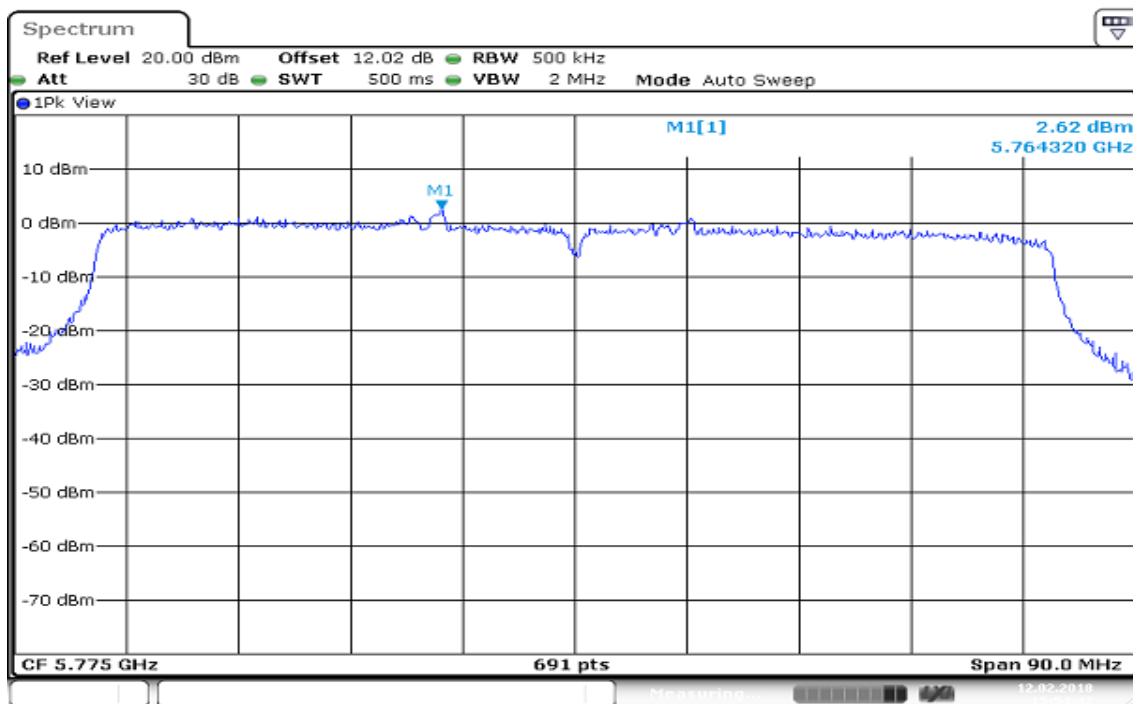
IEEE 802.11n 40 MHz mode / 5755 ~ 5795MHz / Chain 1**PPSD (CH Low)**

Date: 12.FEB.2018 15:26:27

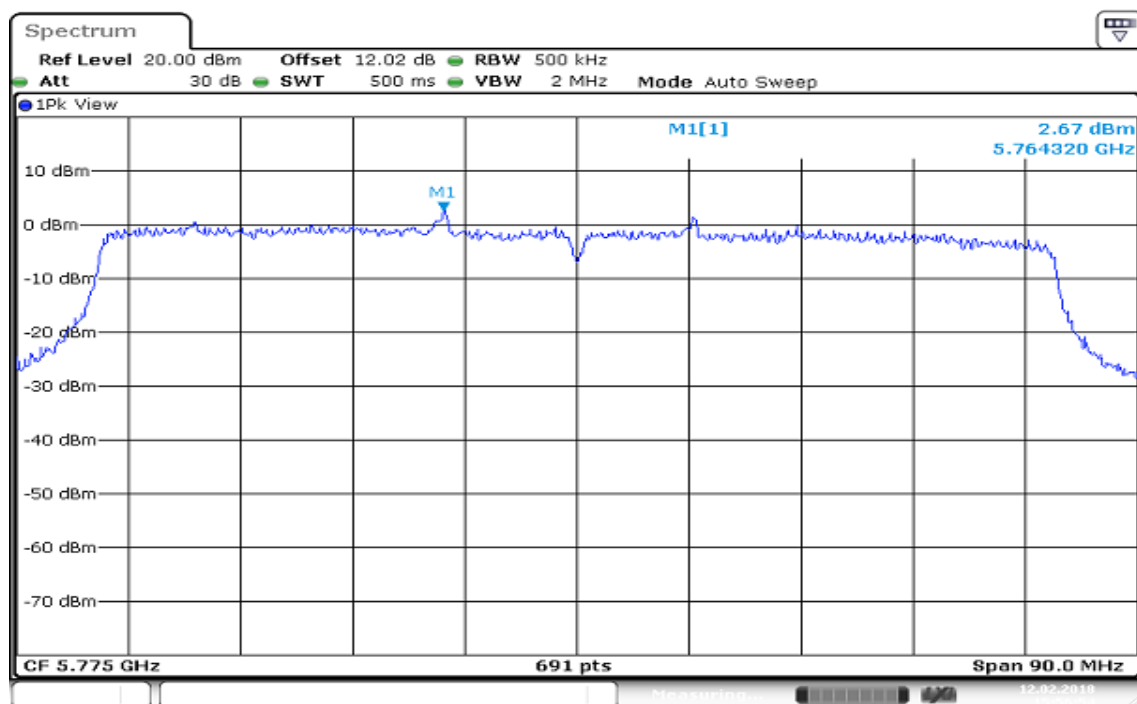
PPSD (CH High)

Date: 12.FEB.2018 15:28:59

IEEE 802.11n 40 MHz mode / 5755 ~ 5795MHz / Chain 2**PPSD (CH Low)****PPSD (CH High)**

IEEE 802.11ac VHT 80 MHz mode / 5775MHz / Chain 0**PPSD (CH Mid)****IEEE 802.11ac VHT 80 MHz mode / 5775MHz / Chain 1****PPSD (CH Mid)**

PPSD (CH Mid)



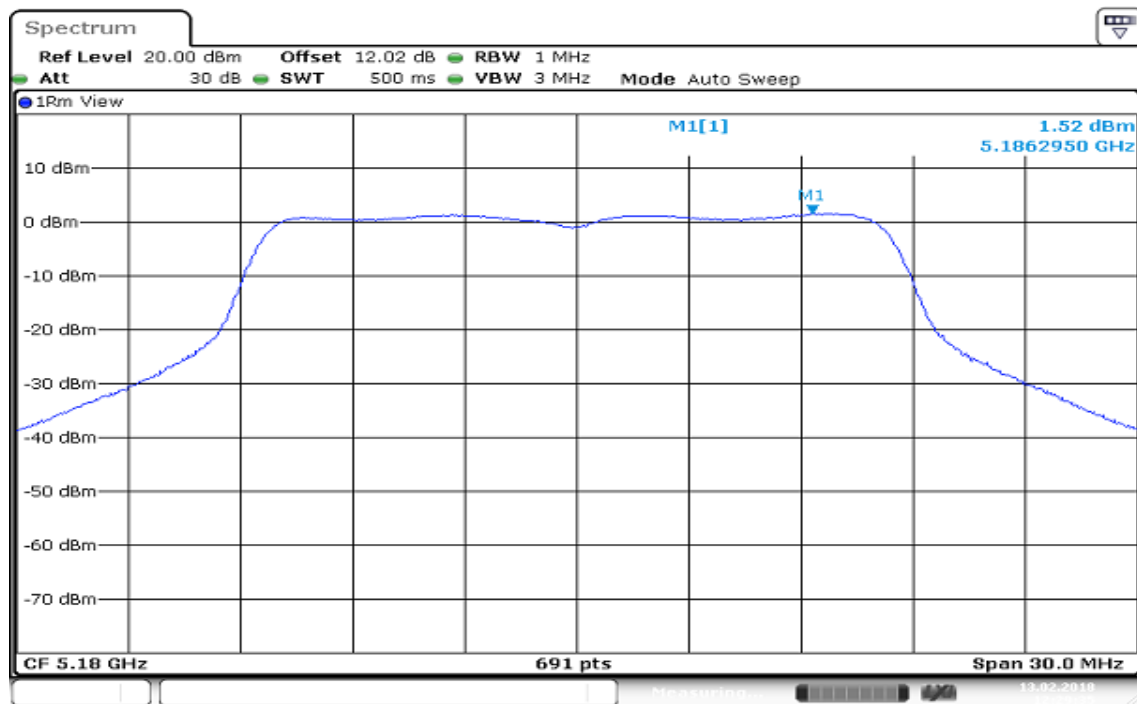
Date: 12 FEB 2018 15:56:55

For 2TX:

Band I

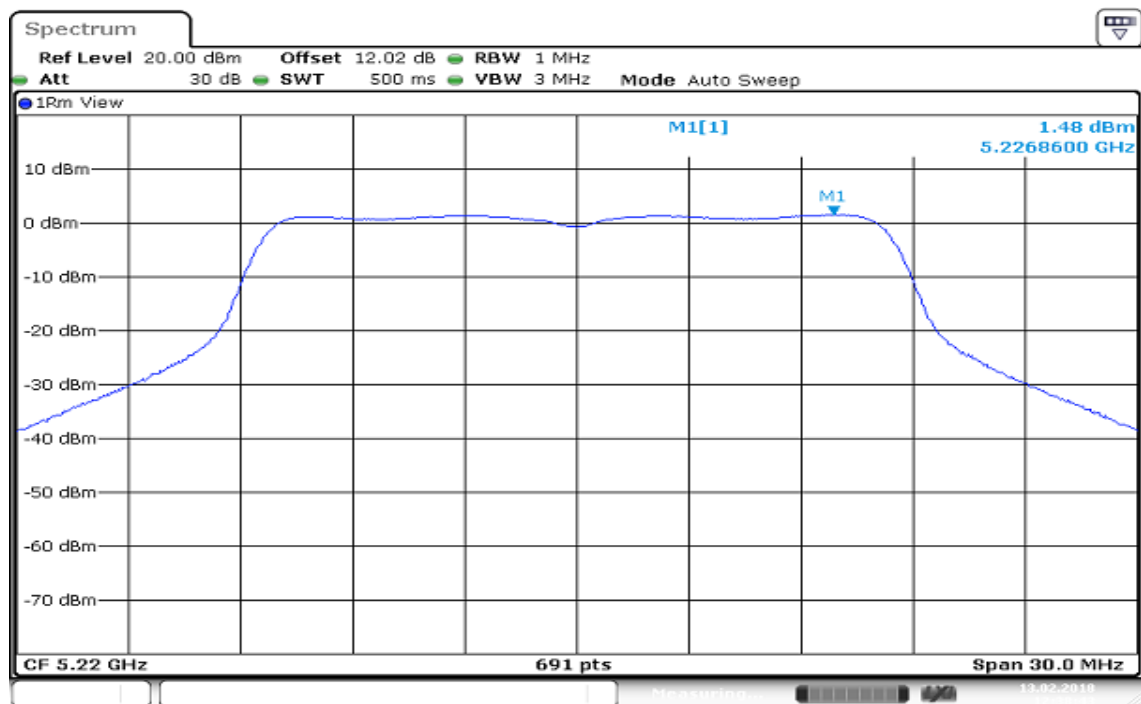
IEEE 802.11a mode / 5180 ~ 5240MHz / Chain 0

PPSD (CH Low)



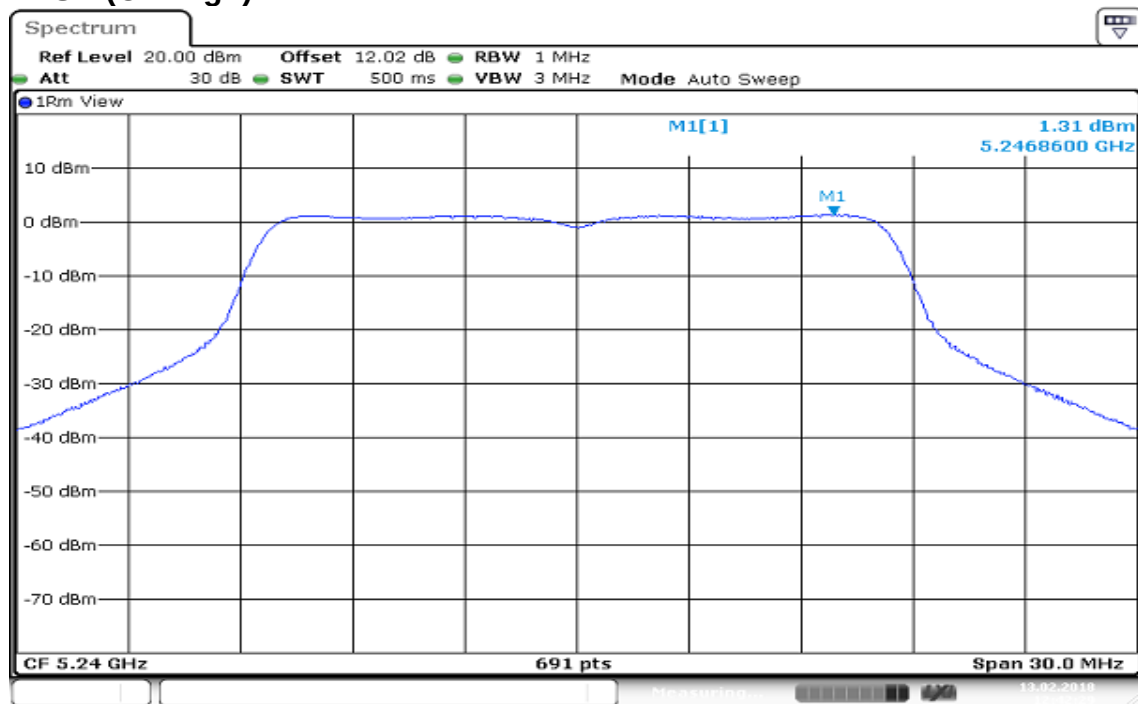
Date: 13 FEB 2018 12:29:35

PPSD (CH Mid)

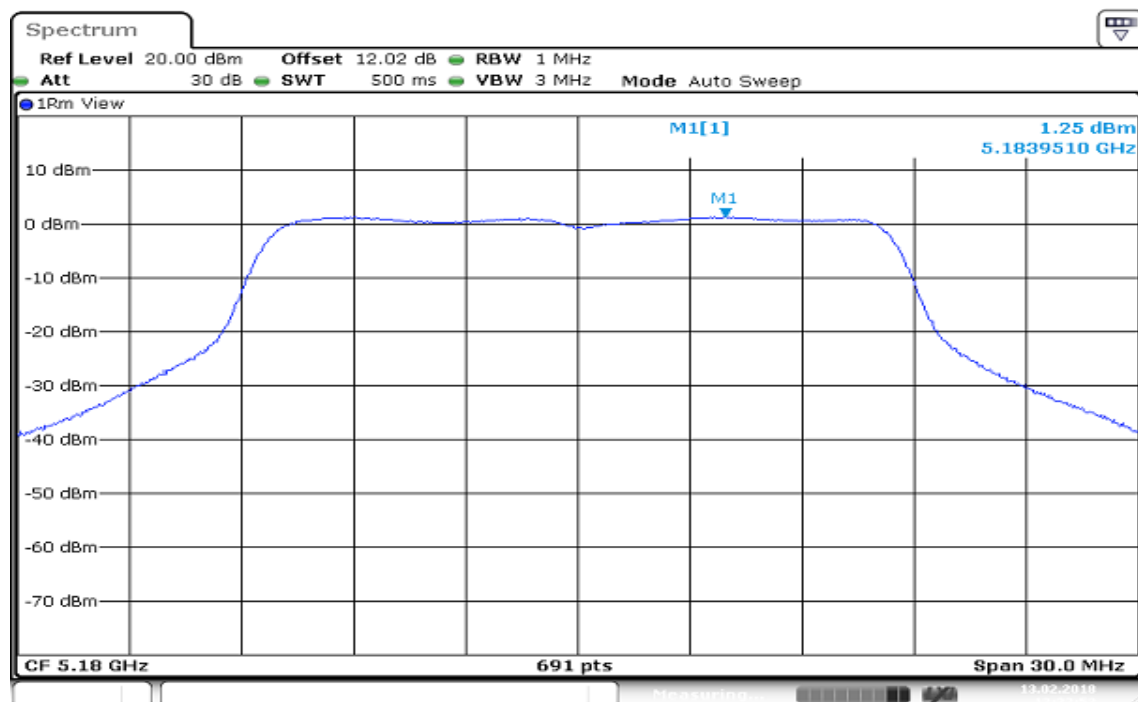


Date: 13 FEB 2018 12:38:44

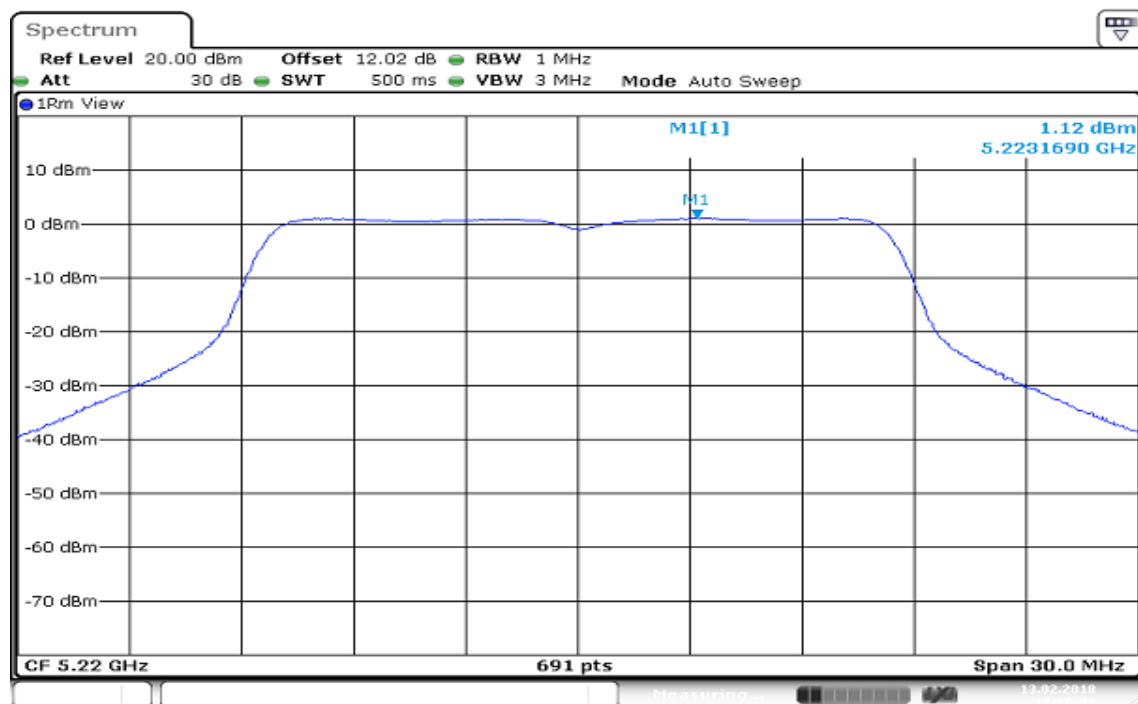
PPSD (CH High)



Date: 13 FEB 2018 12:42:30

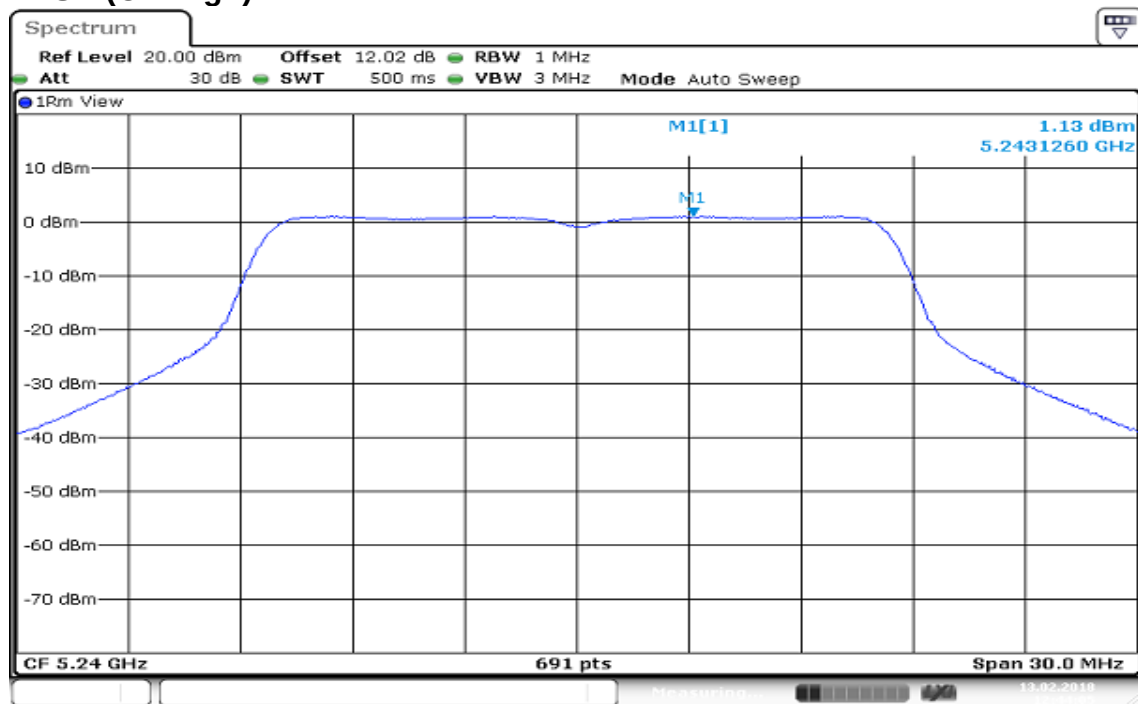
IEEE 802.11a mode / 5180 ~ 5240MHz / Chain 1**PPSD (CH Low)**

Date: 13.FEB 2018 12:32:53

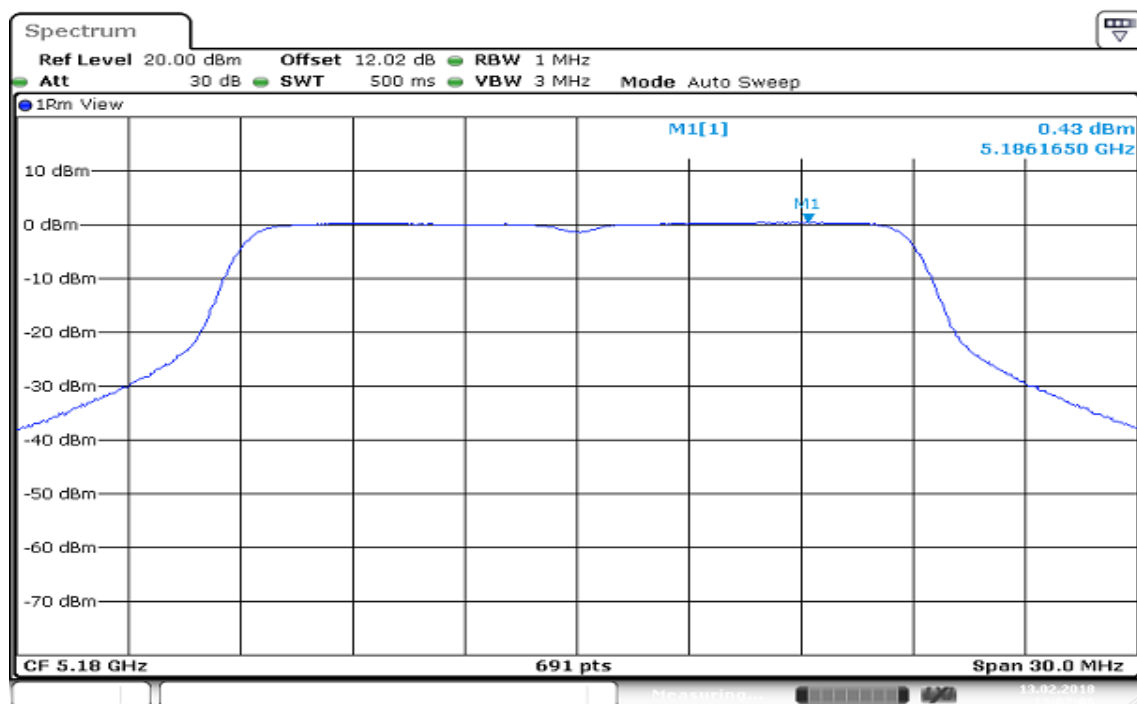
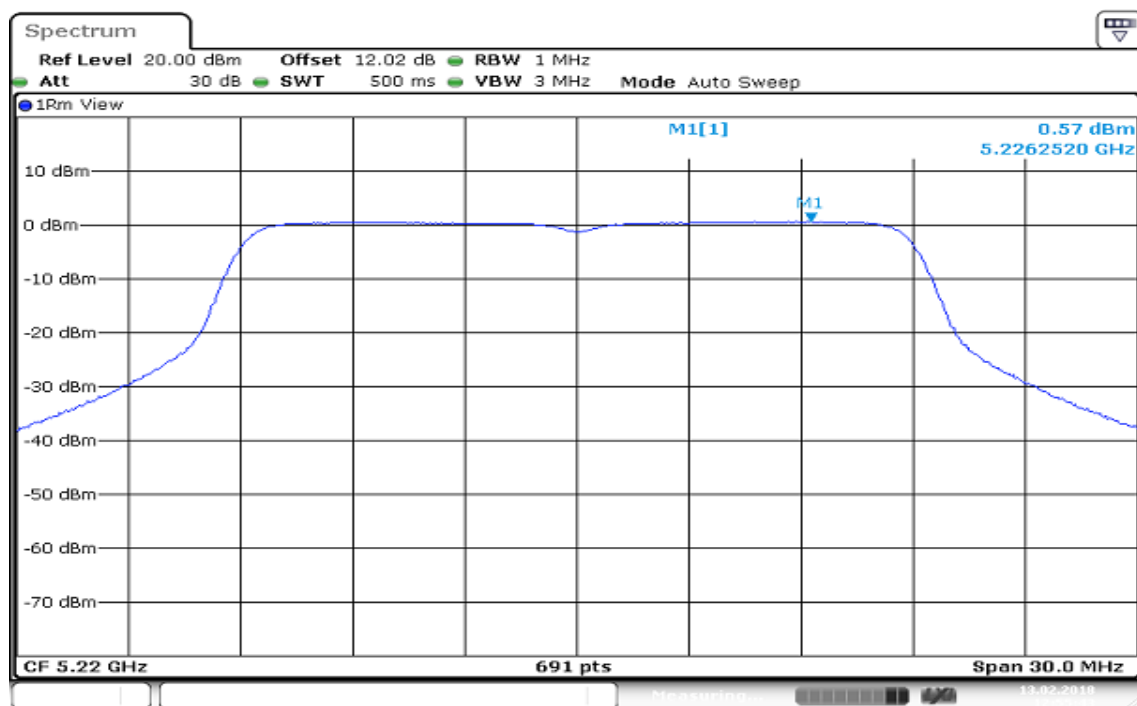
PPSD (CH Mid)

Date: 13.FEB 2018 12:36:41

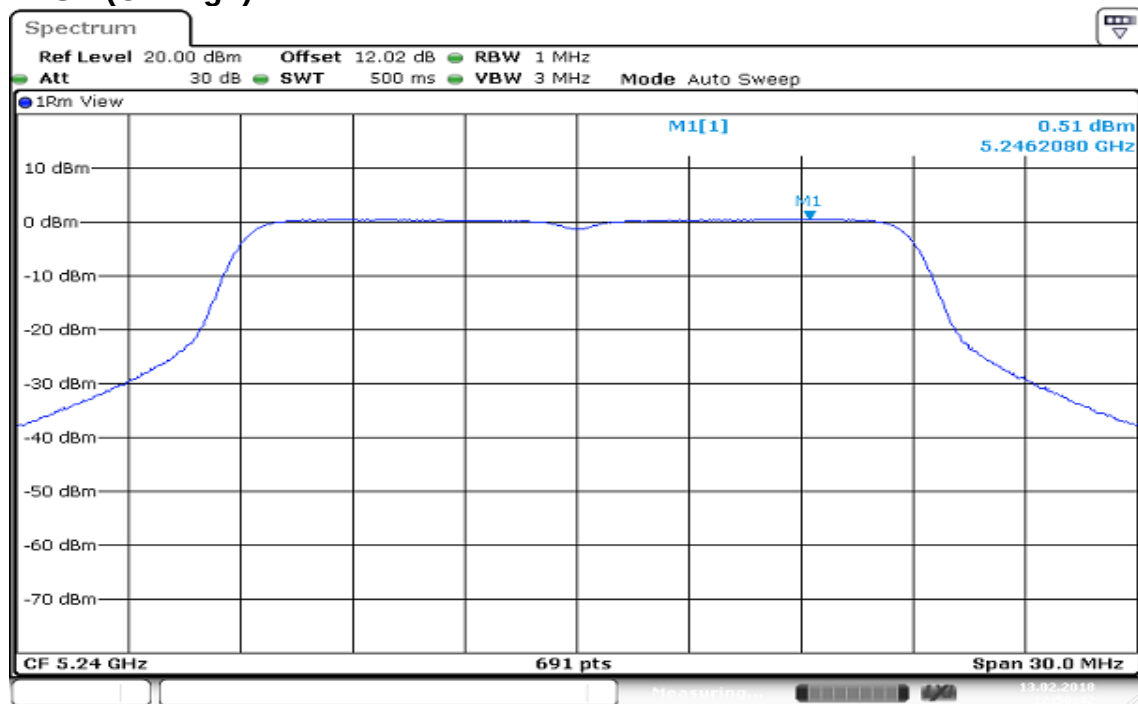
PPSD (CH High)



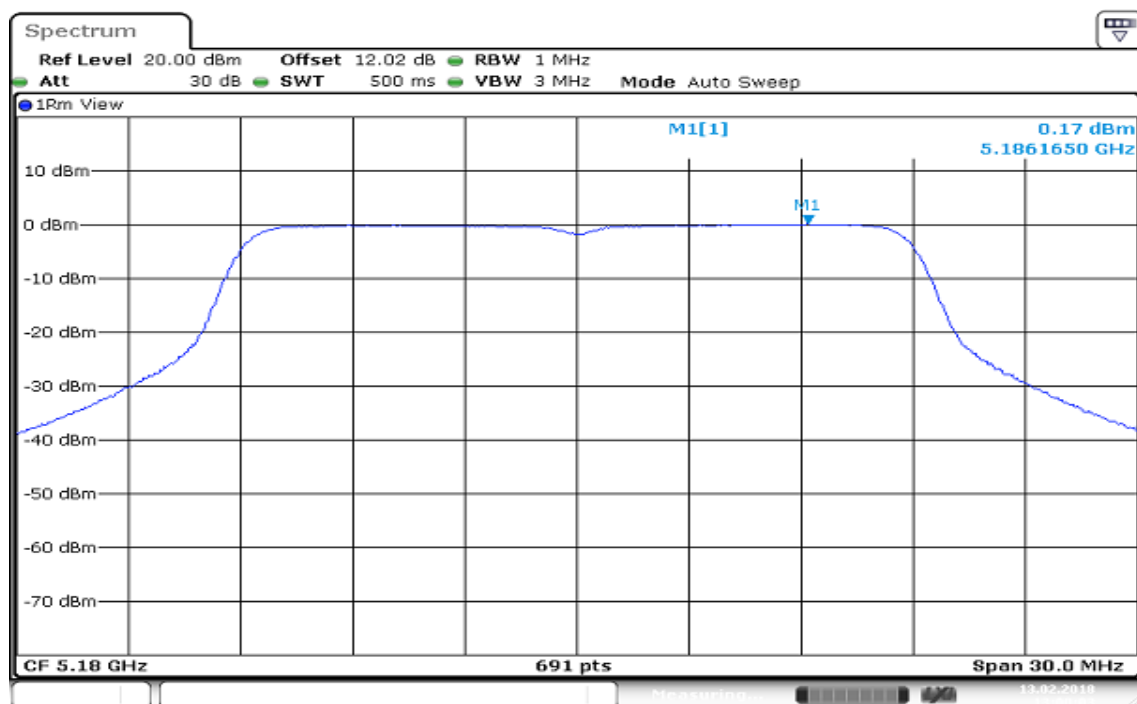
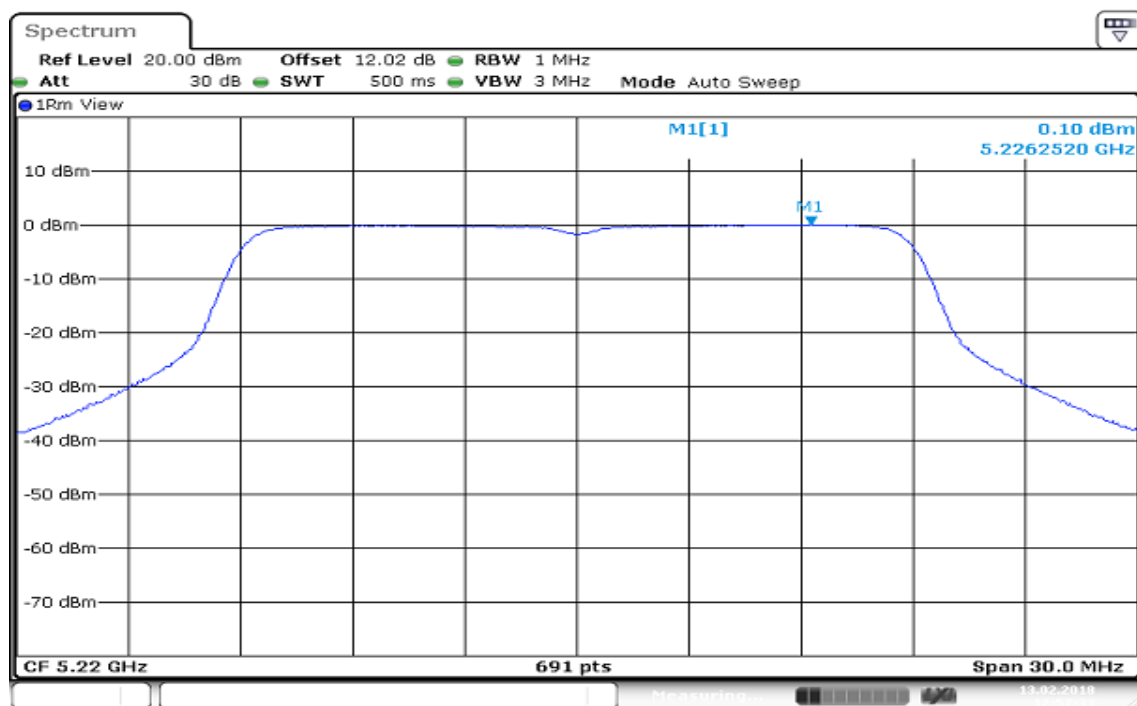
Date: 13 FEB 2018 12:44:05

IEEE 802.11n 20 MHz mode / 5180 ~ 5240MHz / Chain 0**PPSD (CH Low)****PPSD (CH Mid)**

PPSD (CH High)



Date: 13 FEB 2018 12:50:43

IEEE 802.11n 20 MHz mode / 5180 ~ 5240MHz / Chain 1**PPSD (CH Low)****PPSD (CH Mid)**

Spectrum

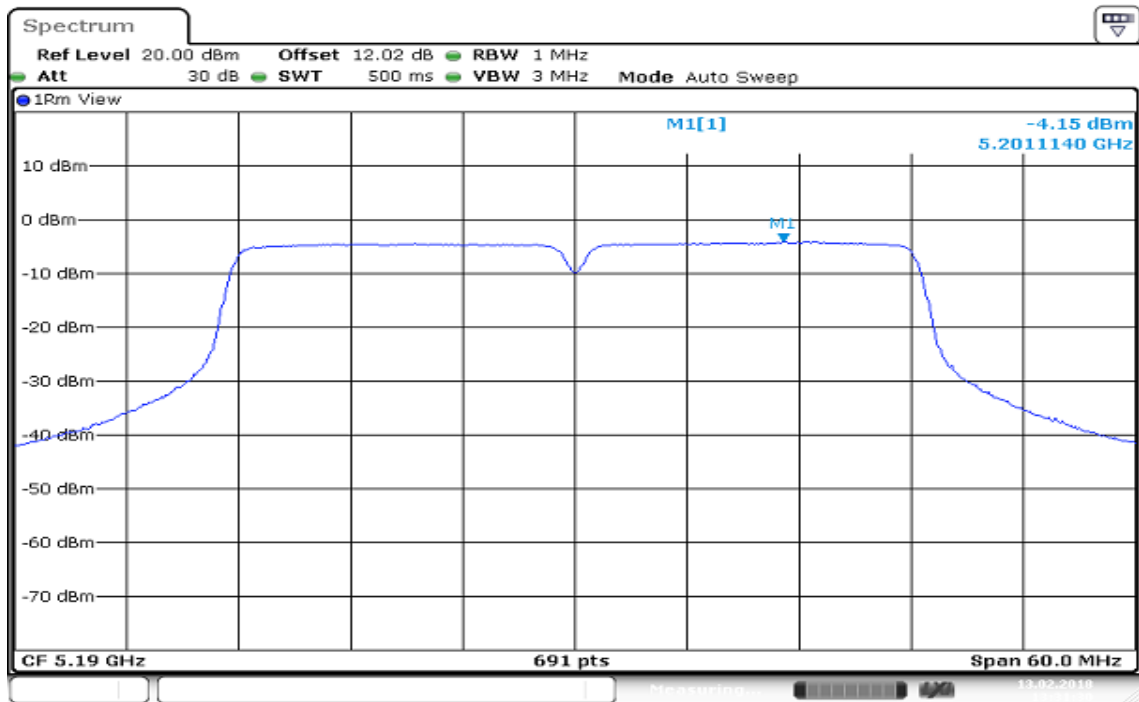
Ref Level 20.00 dBm Offset 12.02 dB RBW 1 MHz
Att 30 dB SWT 500 ms VBW 3 MHz Mode Auto Sweep

1Rm View

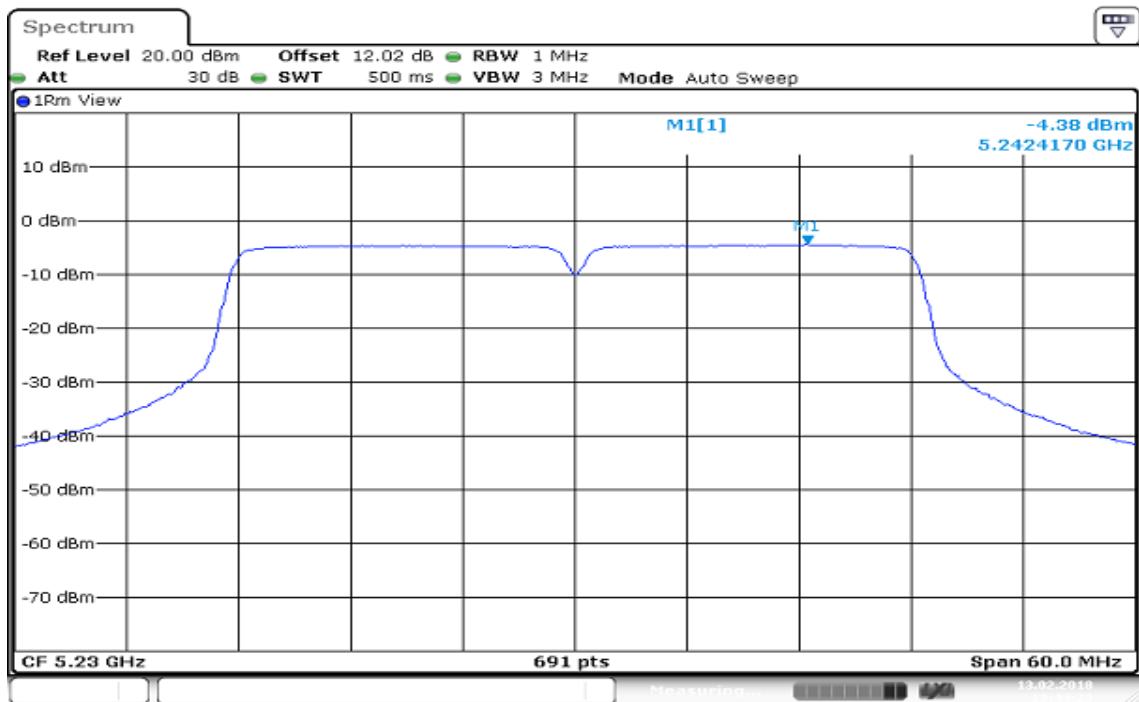
M1[1] 0.43 dBm
5.2461220 GHz

CF 5.24 GHz 691 pts Span 30.0 MHz

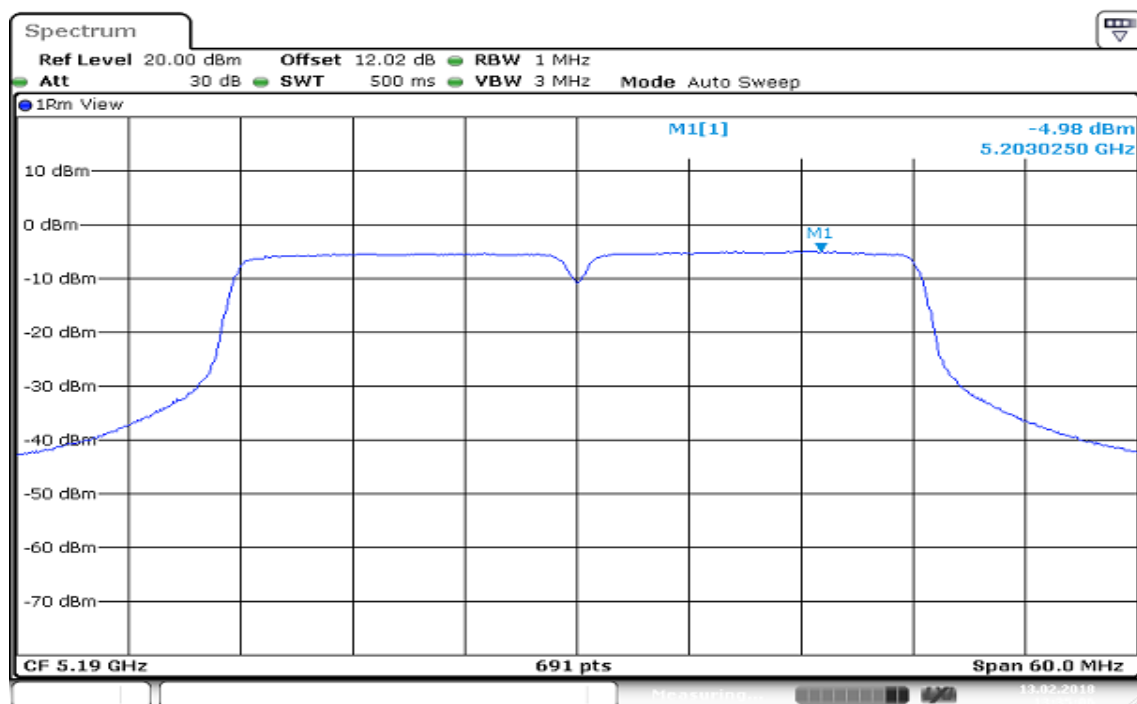
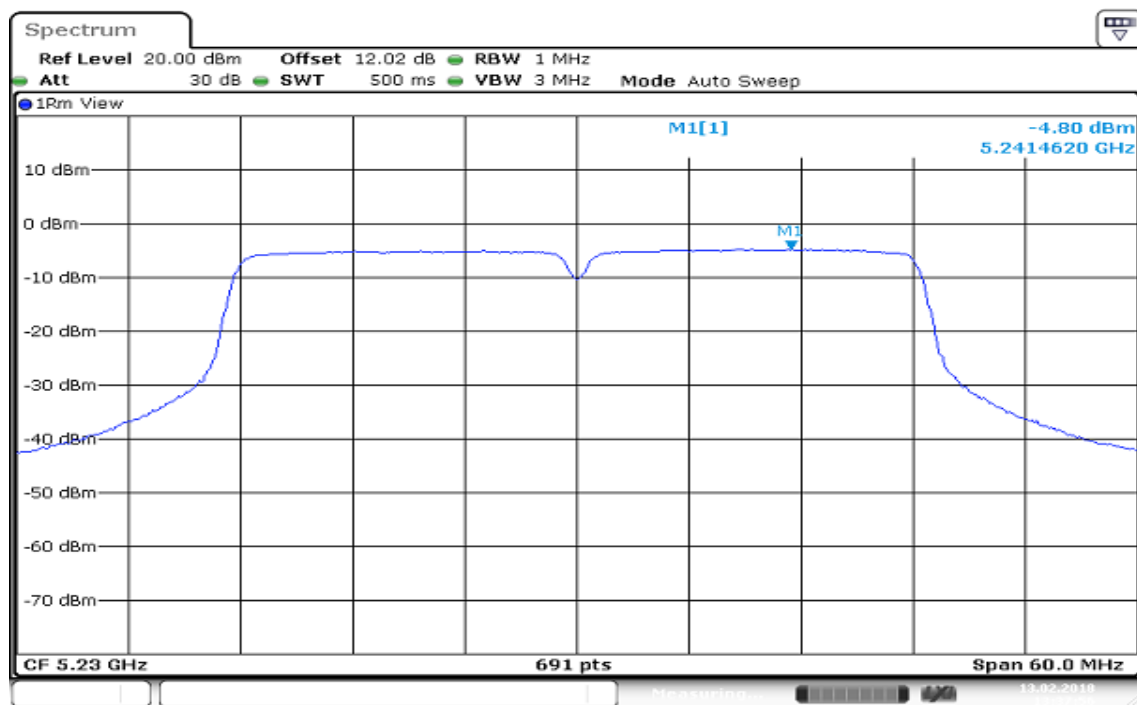
Date: 13.FEB.2018 12:47:09

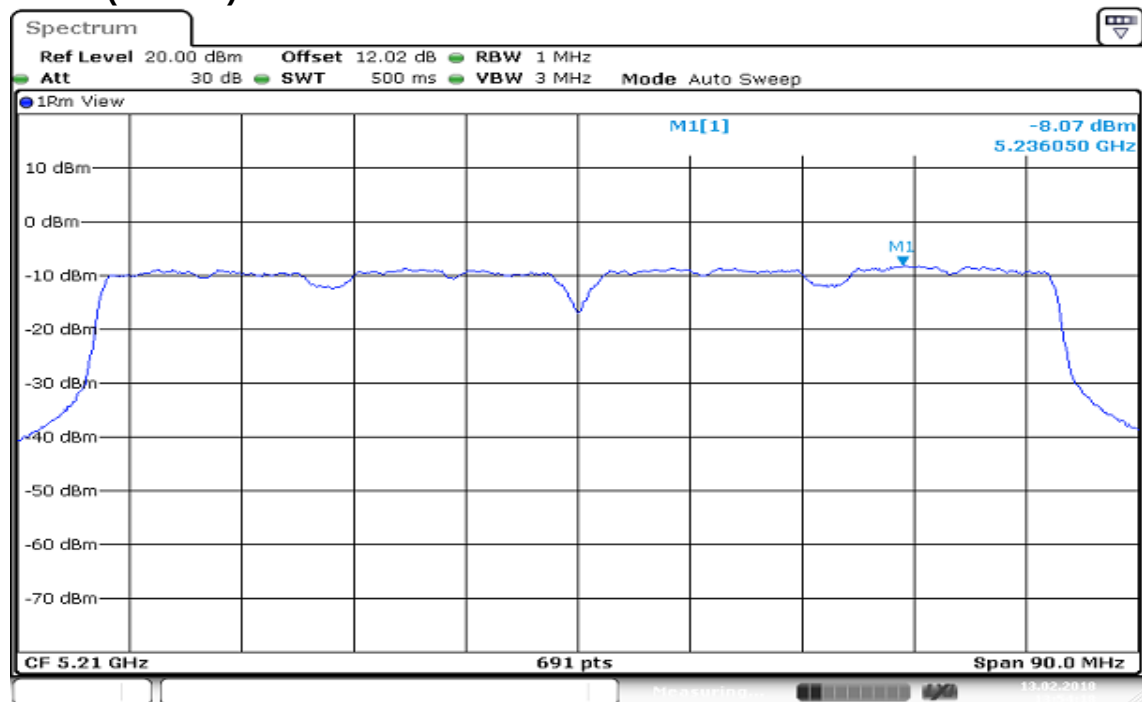
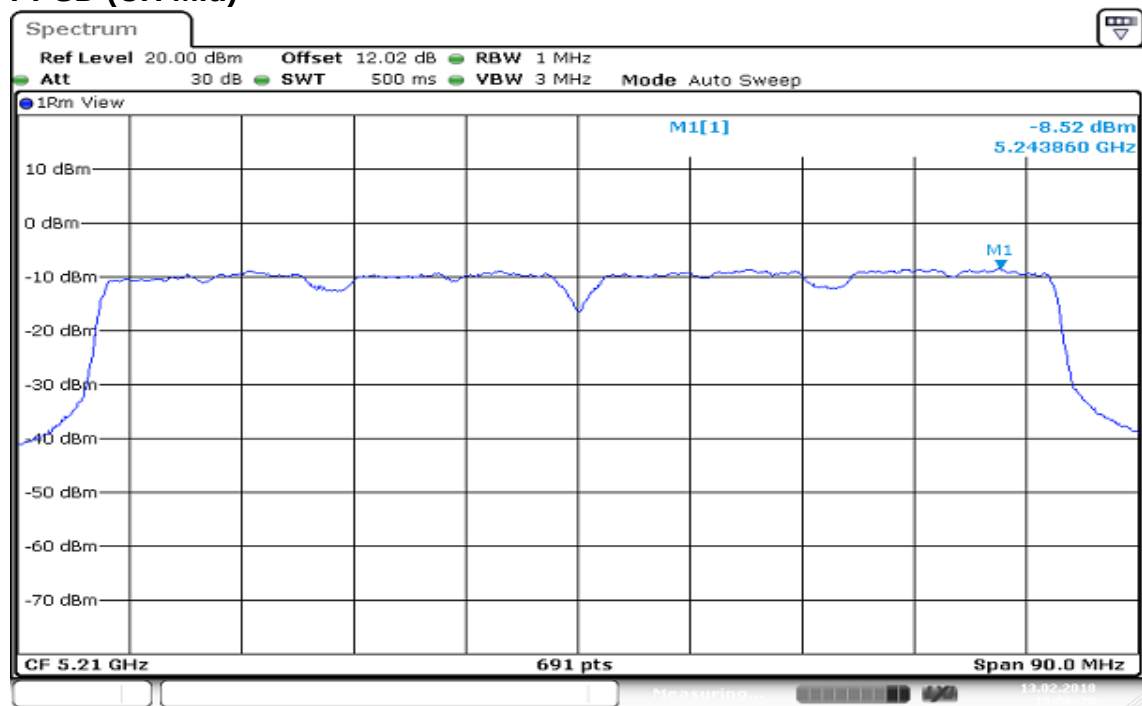
IEEE 802.11n 40 MHz mode / 5190 ~ 5230MHz / Chain 0**PPSD (CH Low)**

Date: 13.FEB 2018 13:31:31

PPSD (CH High)

Date: 13.FEB 2018 13:44:23

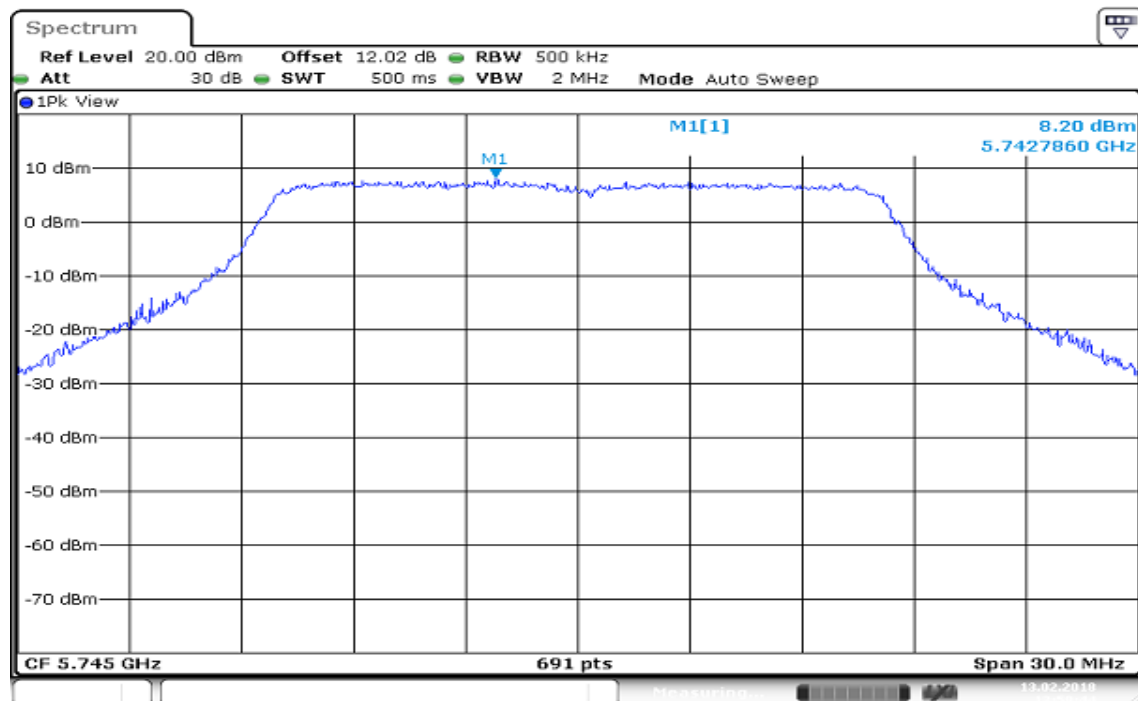
IEEE 802.11n 40 MHz mode / 5190 ~ 5230MHz / Chain 1**PPSD (CH Low)****PPSD (CH High)**

IEEE 802.11ac VHT 80 MHz mode / 5210MHz/ Chain 0**PPSD (CH Mid)****IEEE 802.11ac VHT 80 MHz mode / 5210MHz/ Chain 1****PPSD (CH Mid)**

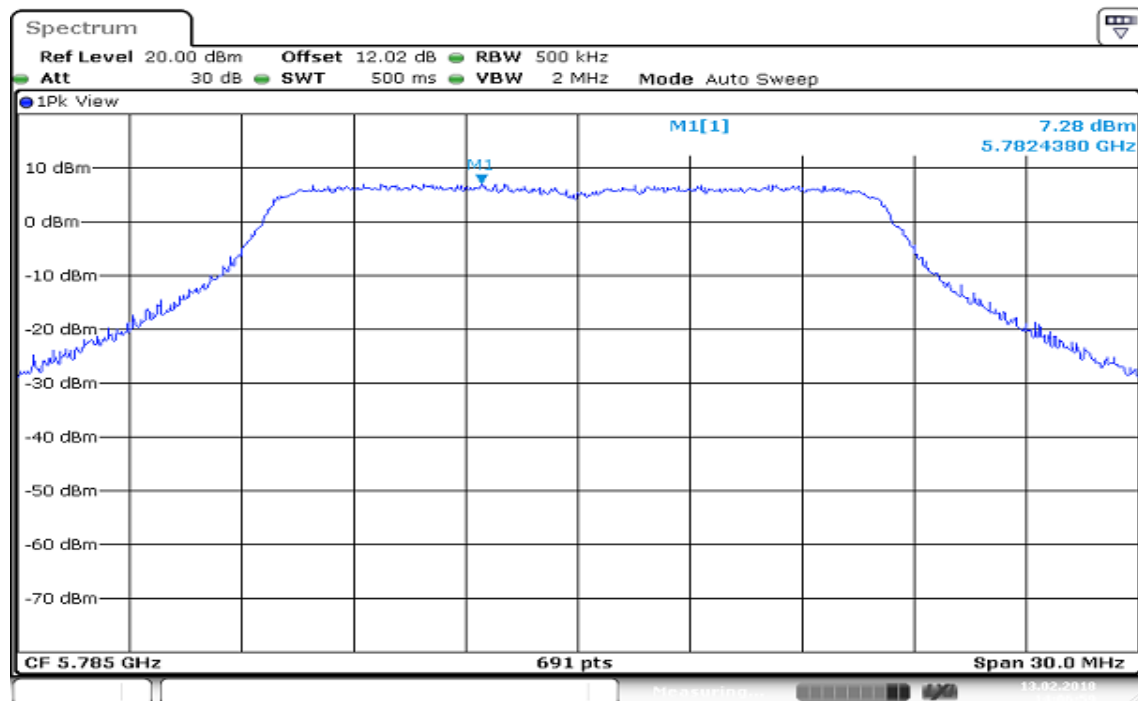
Band IV

IEEE 802.11a MHz mode / 5745 ~ 5825MHz / Chain 0

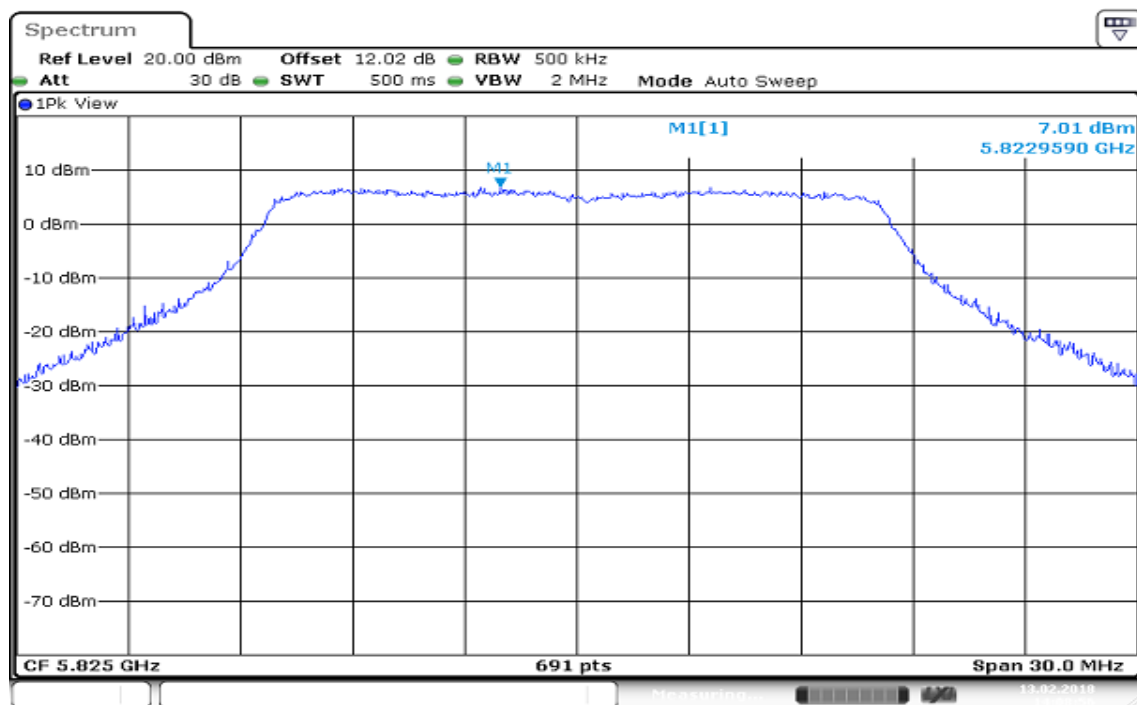
PPSD (CH Low)



PPSD (CH Mid)



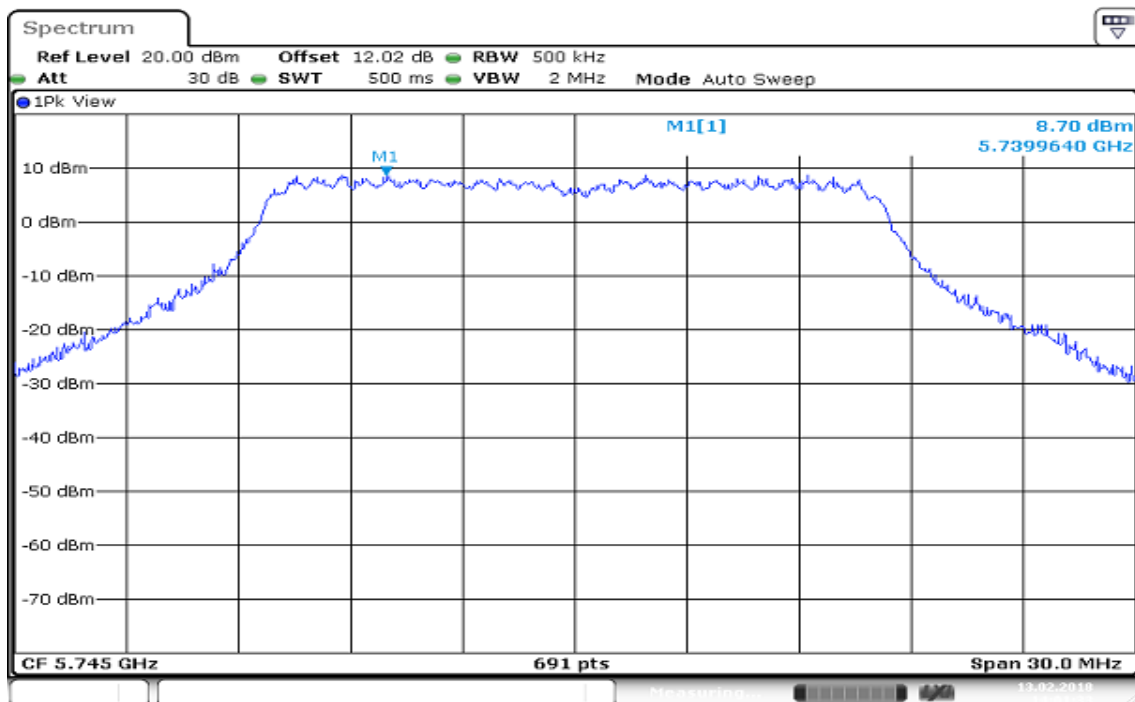
PPSD (CH High)



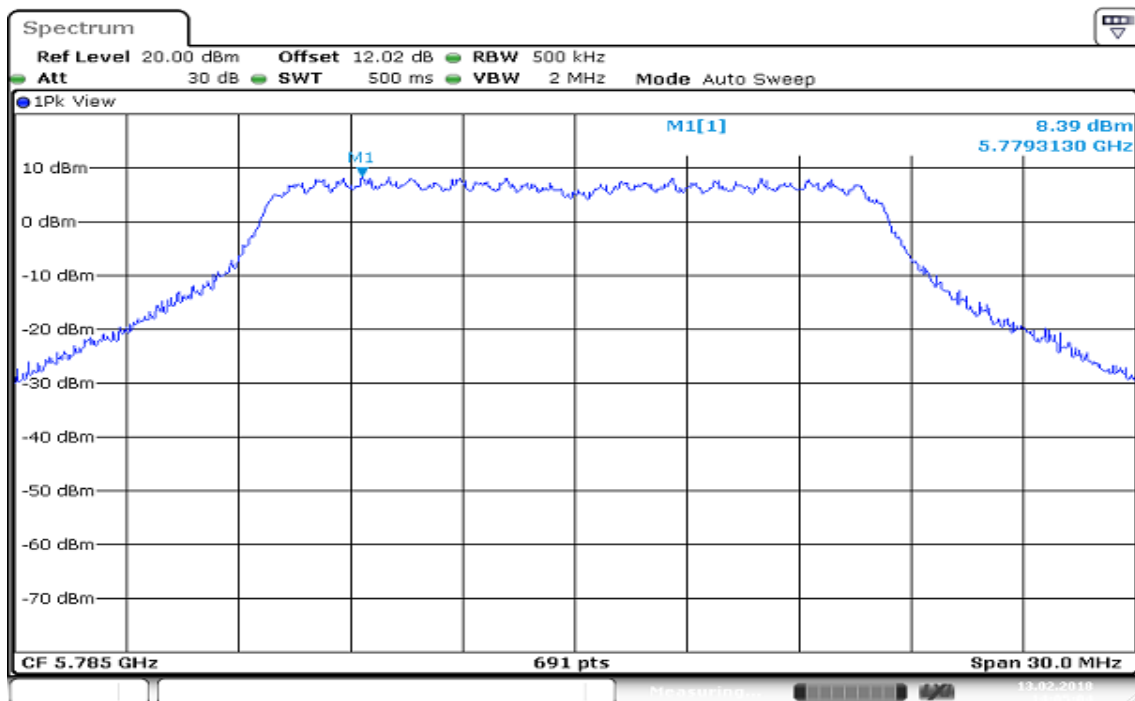
Date: 13.FEB.2018 14:08:57

IEEE 802.11a MHz mode / 5745 ~ 5825MHz / Chain 1

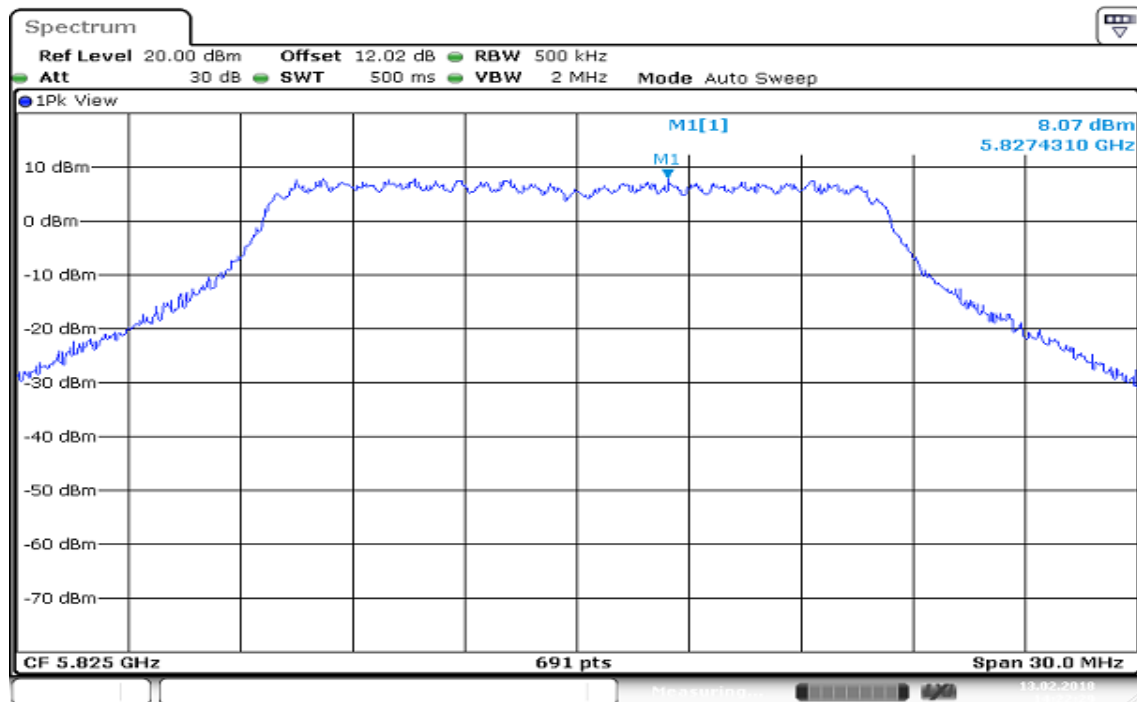
PPSD (CH Low)



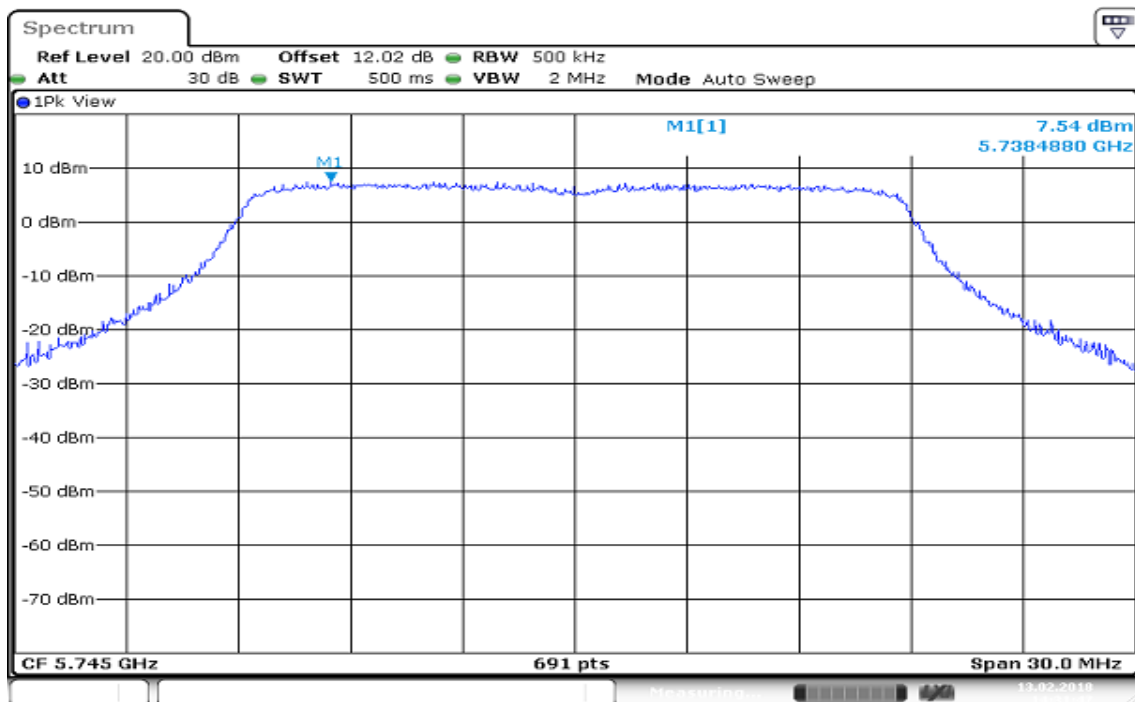
PPSD (CH Mid)



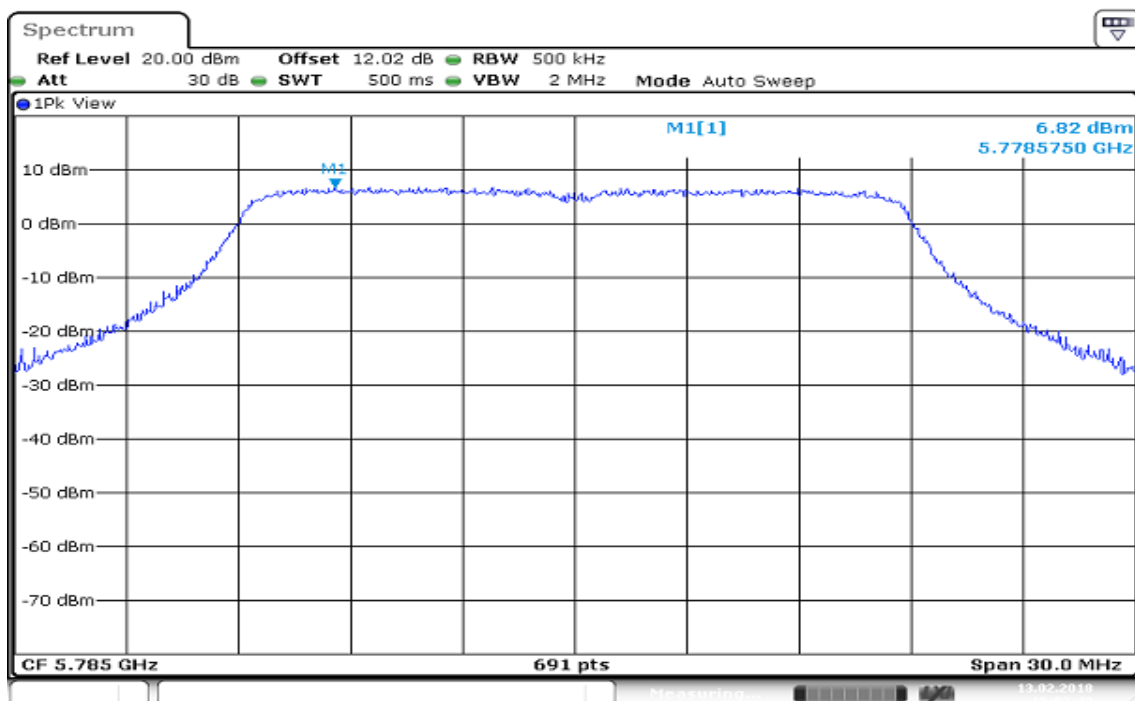
PPSD (CH High)



Date: 13.FEB.2018 14:22:30

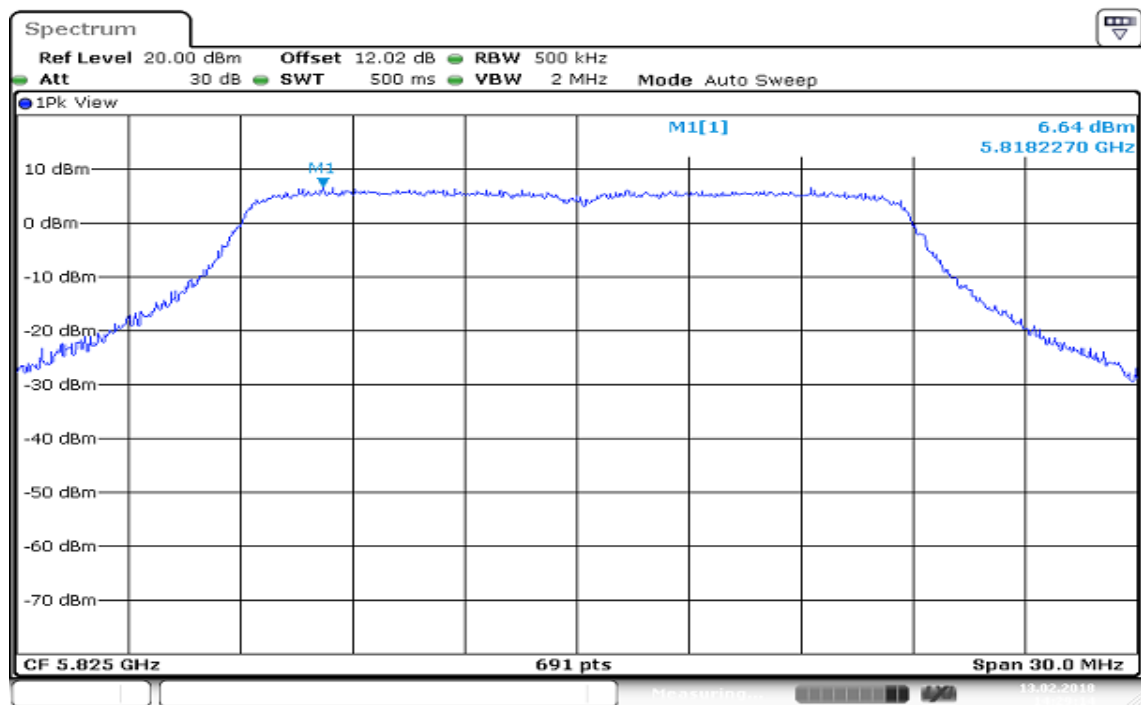
IEEE 802.11n 20 MHz mode / 5745 ~ 5825MHz / Chain 0**PPSD (CH Low)**

Date: 13.FEB.2018 14:31:47

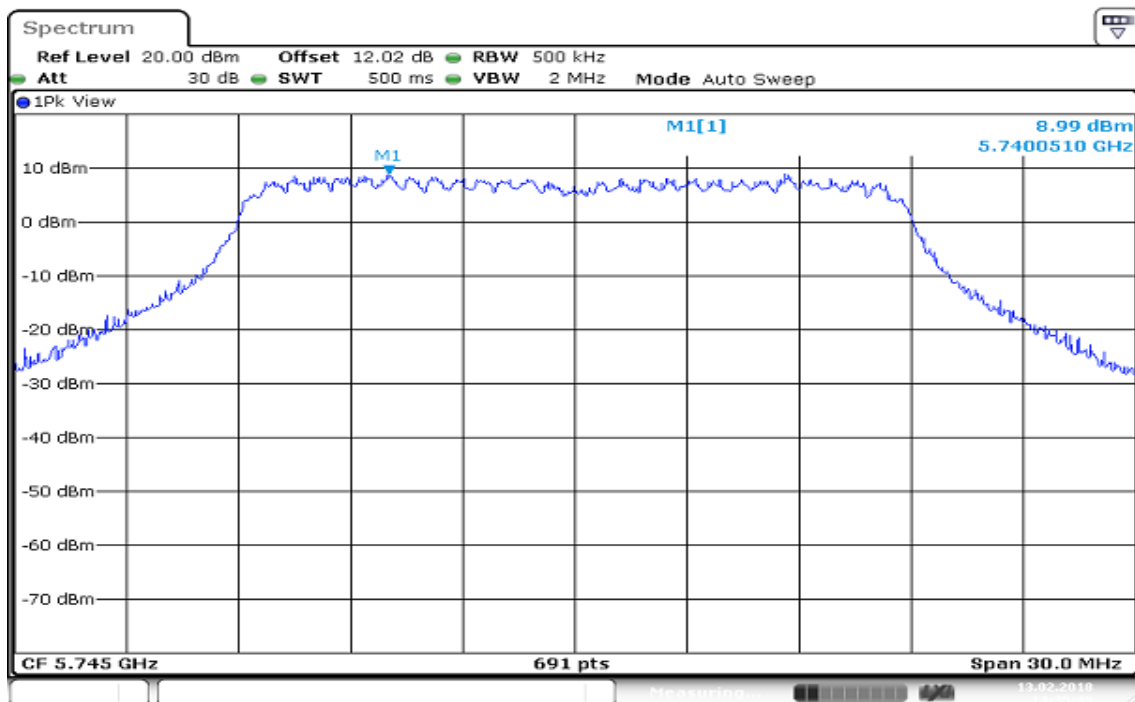
PPSD (CH Mid)

Date: 13.FEB.2018 15:03:49

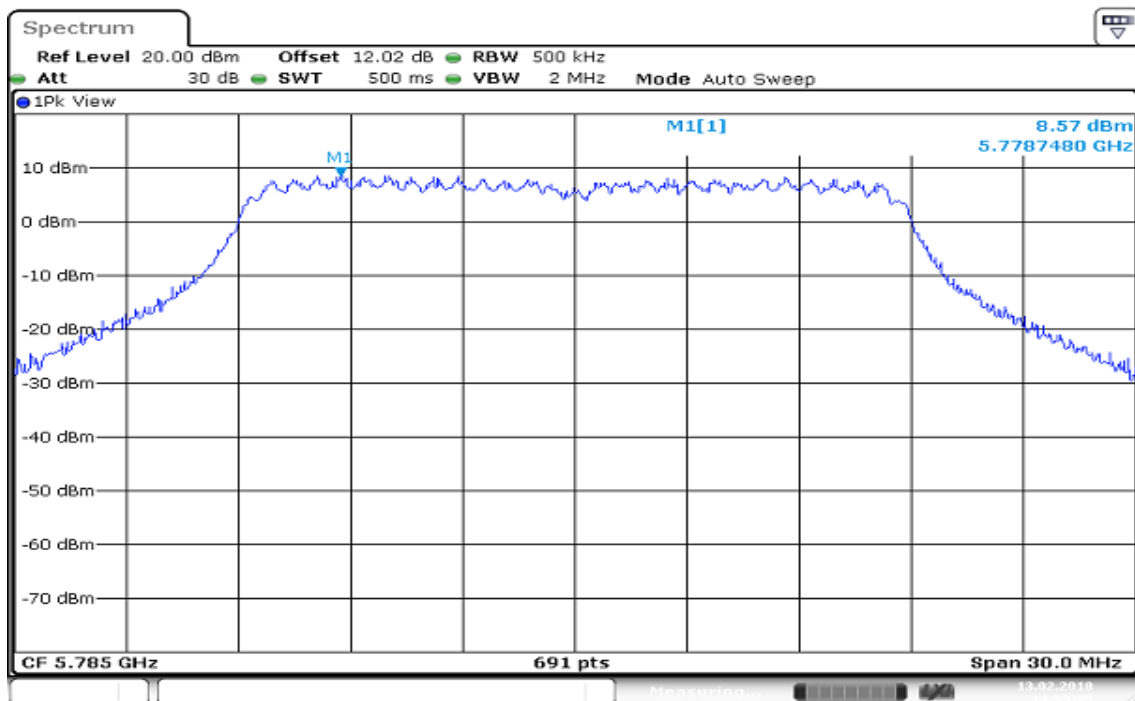
PPSD (CH High)



Date: 13 FEB 2018 14:29:14

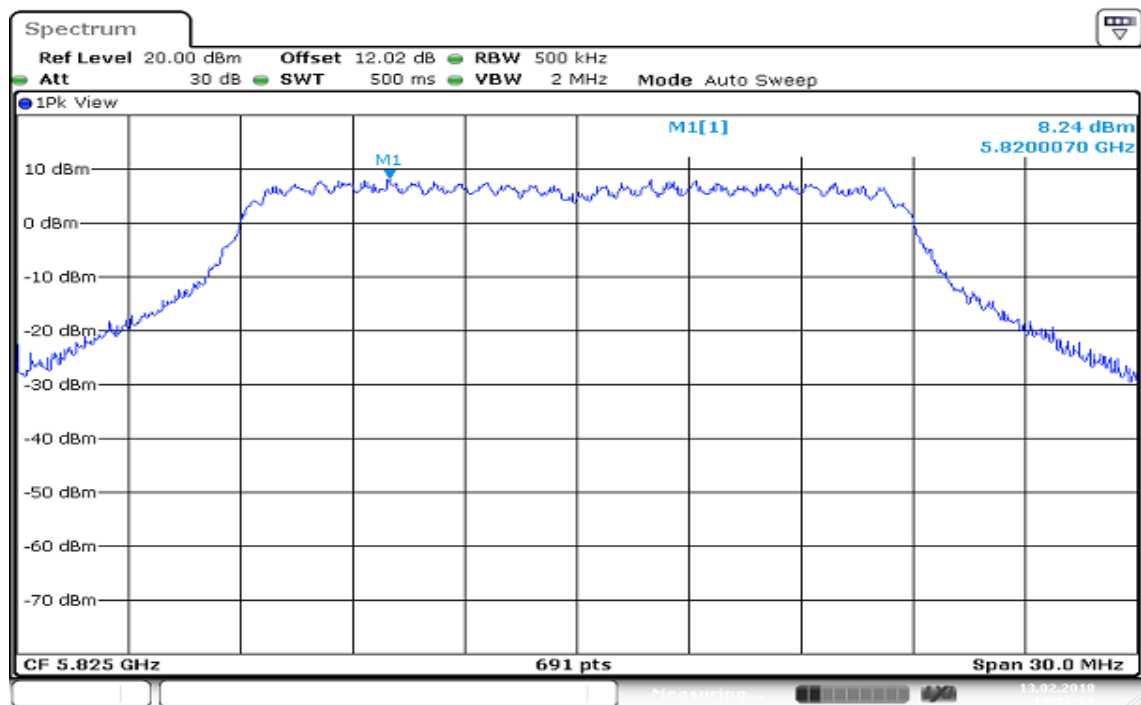
IEEE 802.11n 20 MHz mode / 5745 ~ 5825MHz / Chain 1**PPSD (CH Low)**

Date: 13.FEB.2018 14:35:50

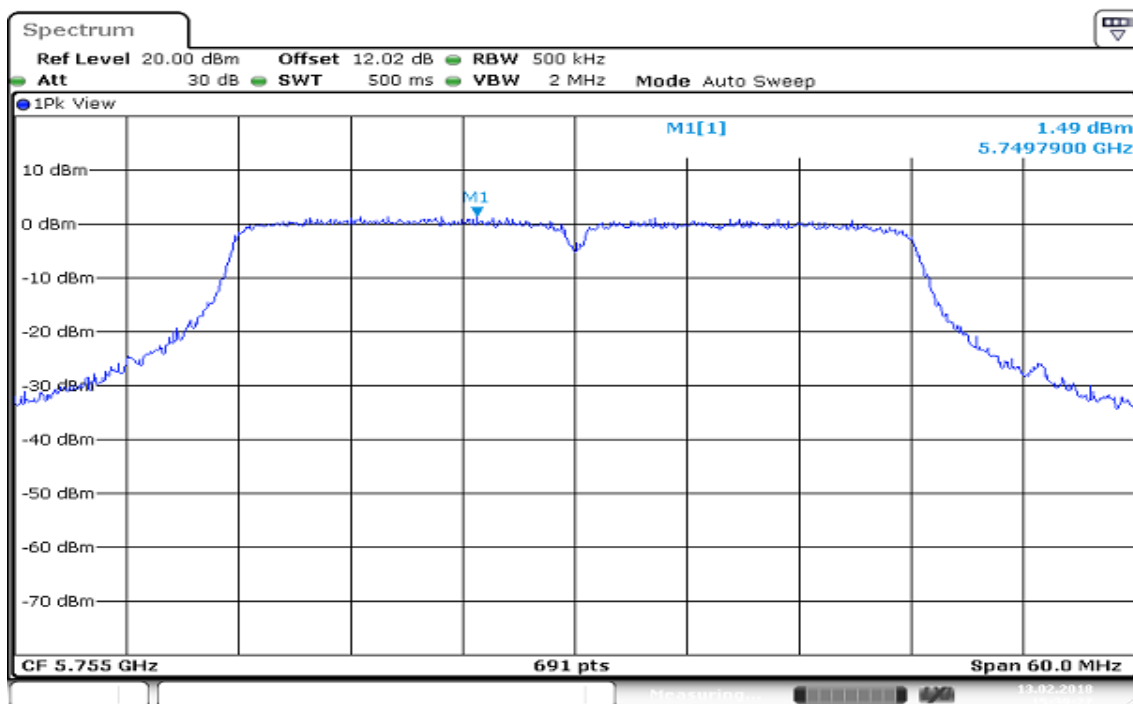
PPSD (CH Mid)

Date: 13.FEB.2018 14:55:35

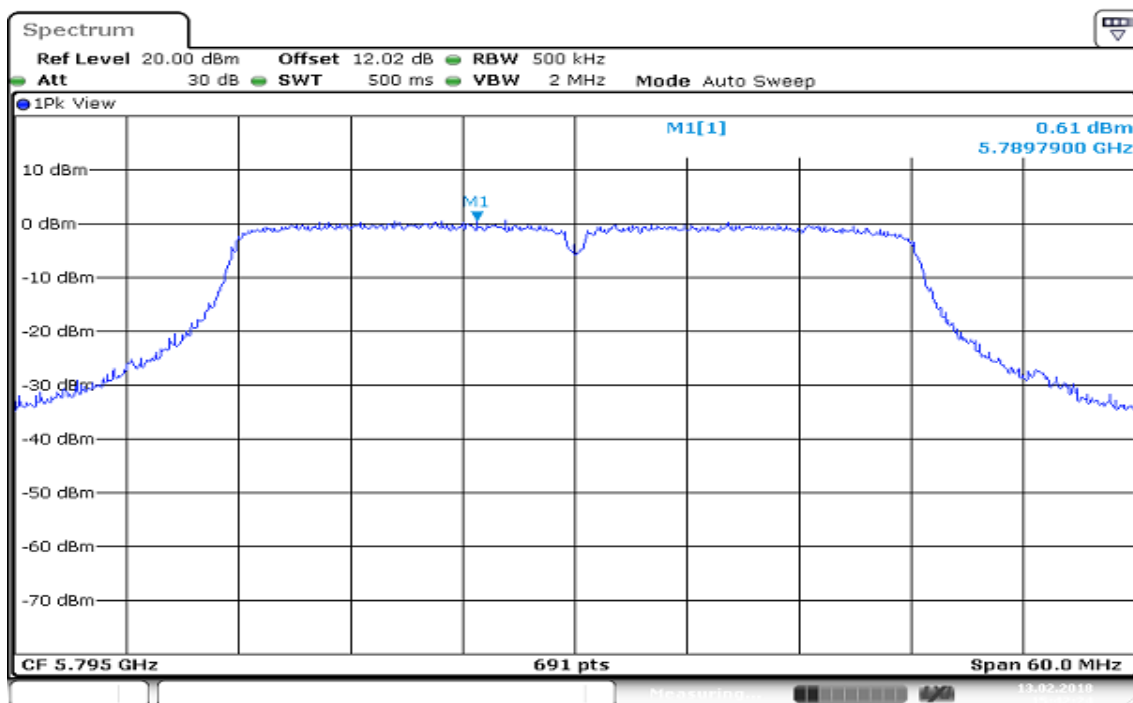
PPSD (CH High)



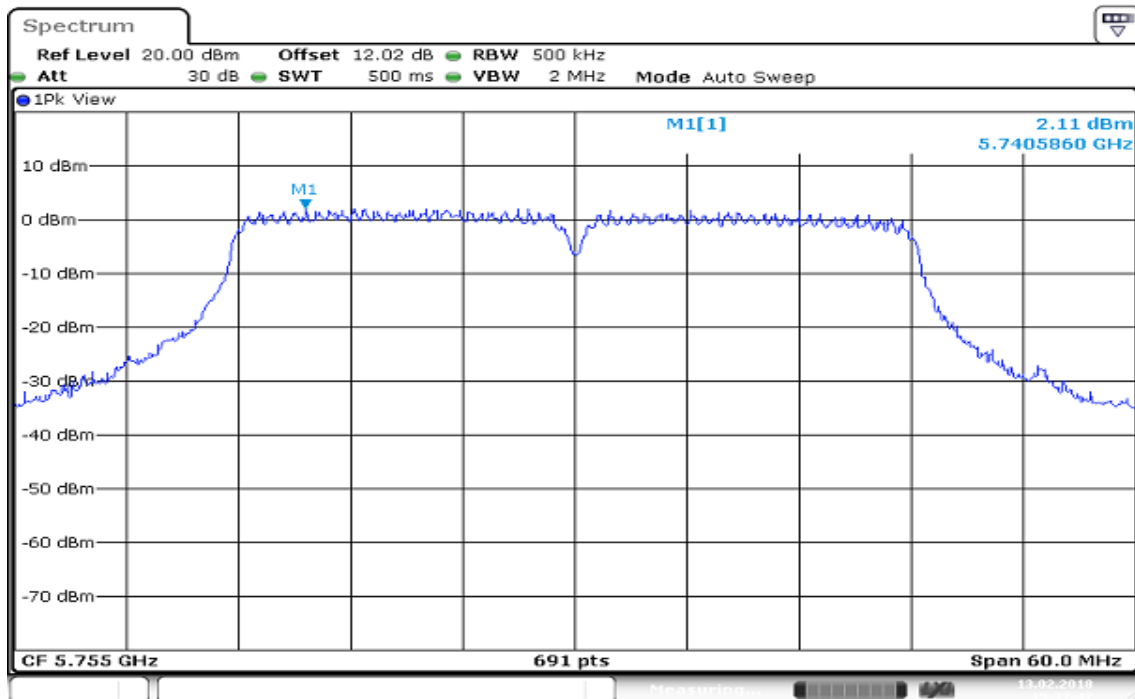
Date: 13 FEB 2018 14:27:28

IEEE 802.11n 40 MHz mode / 5755 ~ 5795MHz / Chain 0**PPSD (CH Low)**

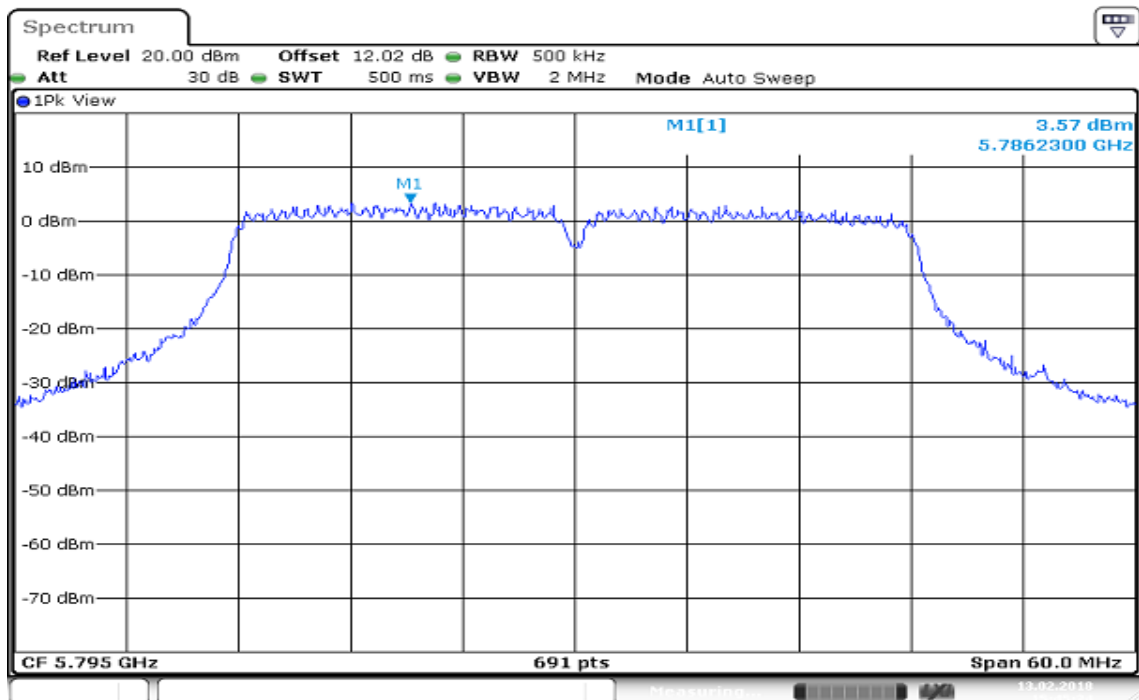
Date: 13.FEB.2018 15:39:28

PPSD (CH High)

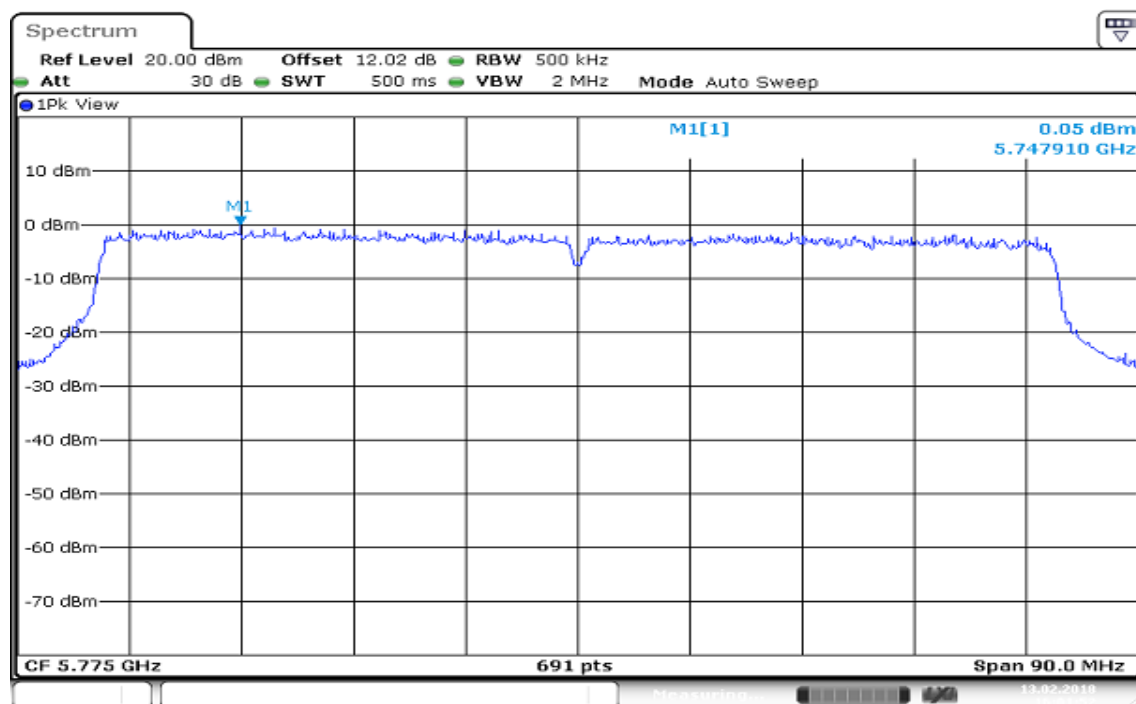
Date: 13.FEB.2018 15:42:25

IEEE 802.11n 40 MHz mode / 5755 ~ 5795MHz / Chain 1**PPSD (CH Low)**

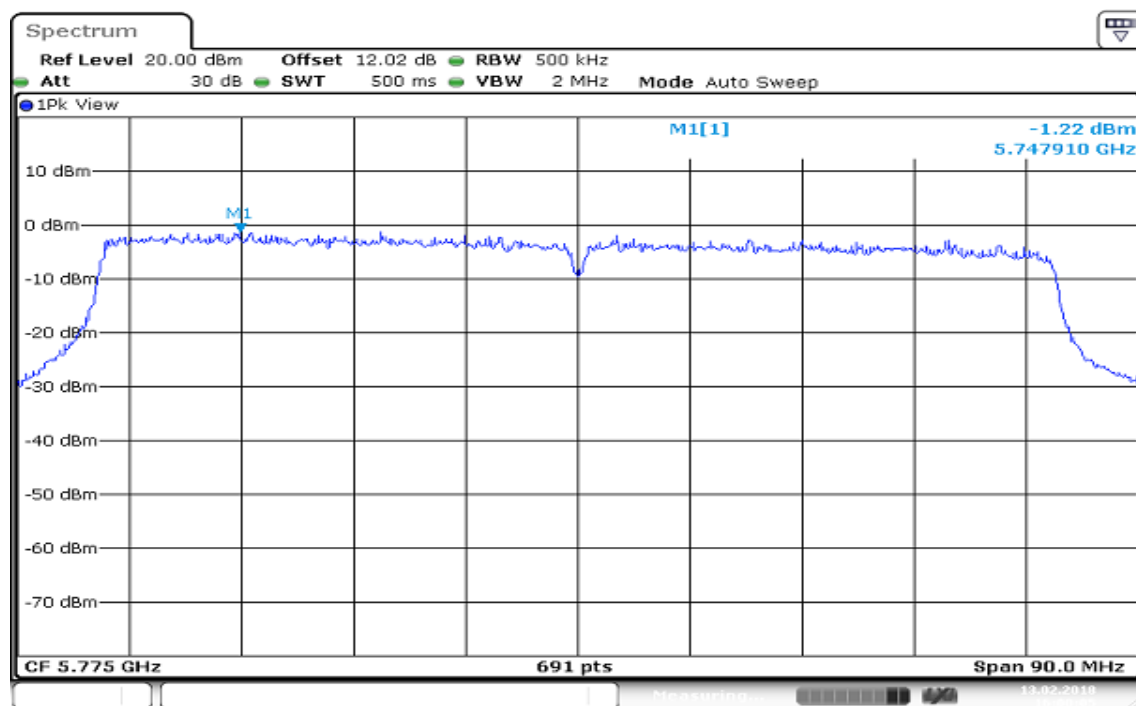
Date: 13.FEB 2018 15:37:47

PPSD (CH High)

Date: 13.FEB 2018 15:45:25

IEEE 802.11ac VHT 80 MHz mode / 5775MHz / Chain 0**PPSD (CH Mid)**

Date: 13.FEB.2018 16:01:52

IEEE 802.11ac VHT 80 MHz mode / 5775MHz / Chain 1**PPSD (CH Mid)**

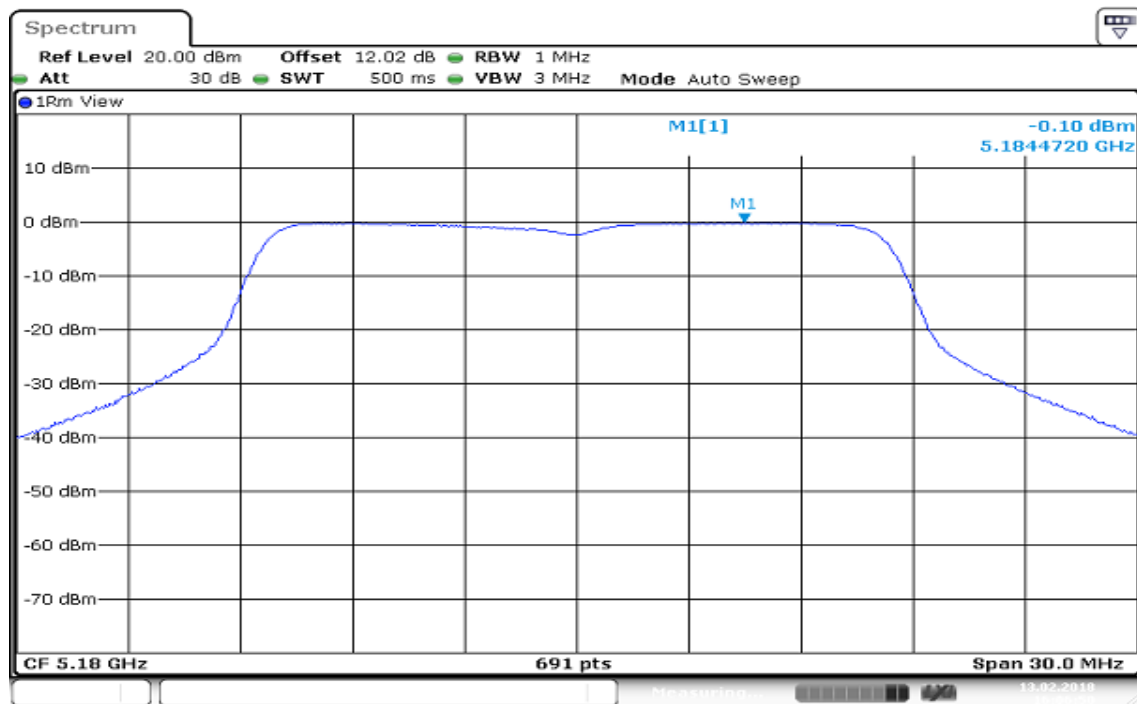
Date: 13.FEB.2018 16:00:06

For 3TX:

Band I

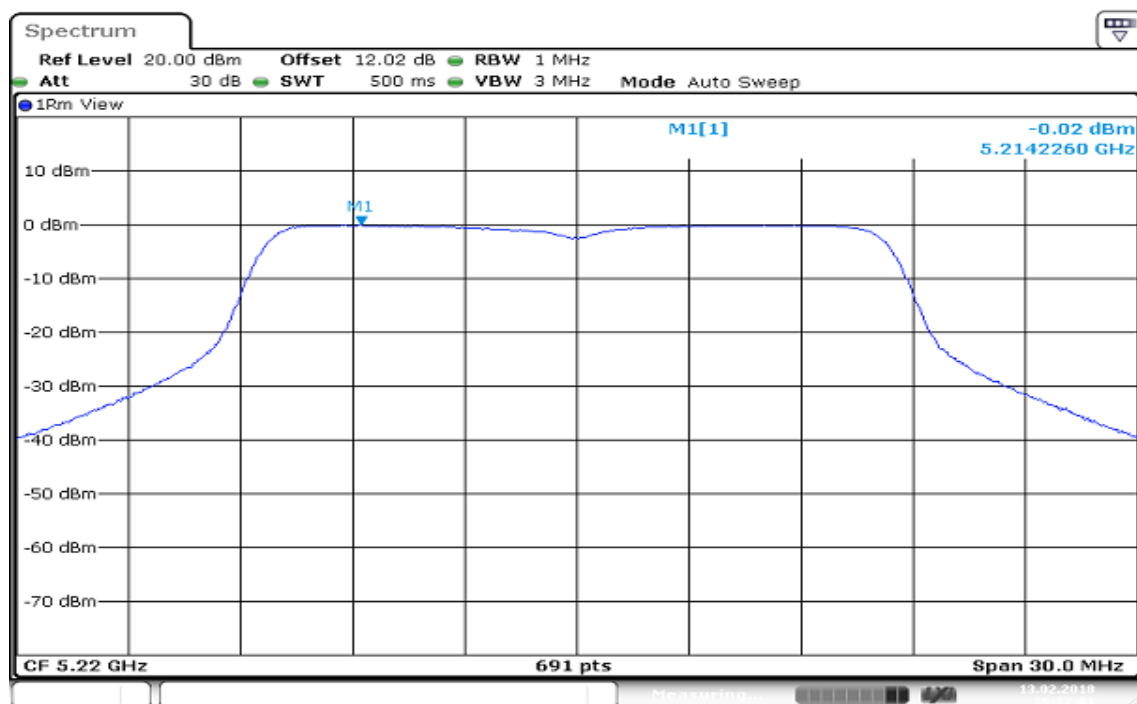
IEEE 802.11a mode / 5180 ~ 5240MHz / Chain 0

PPSD (CH Low)



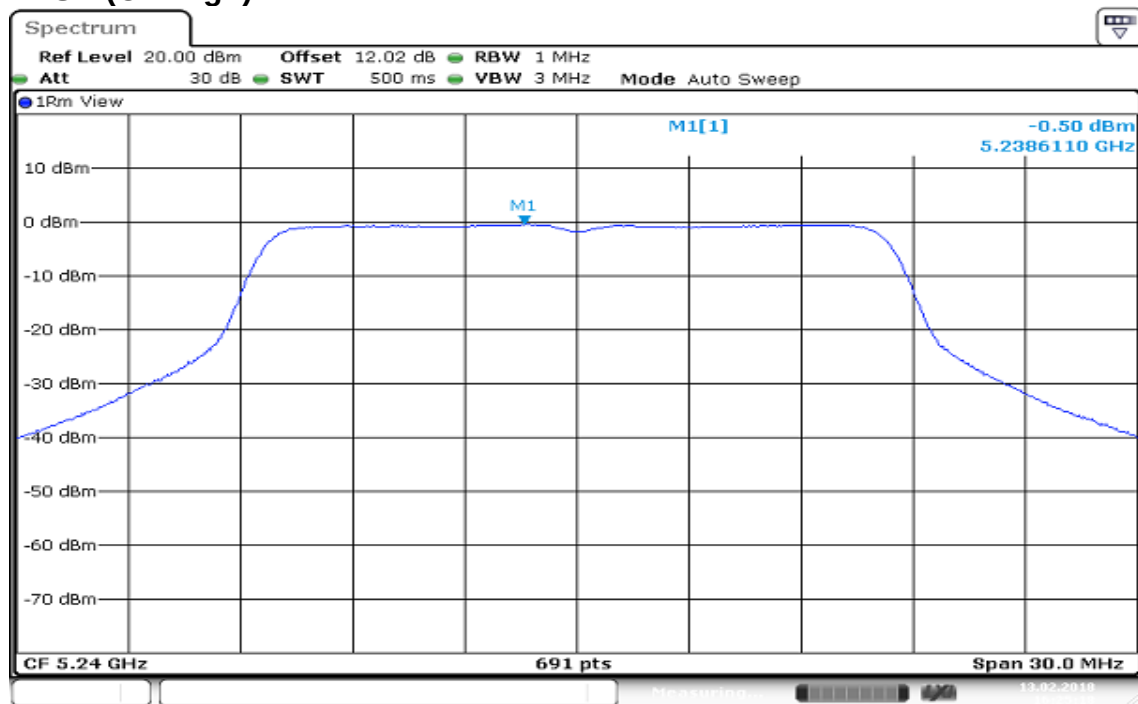
Date: 13 FEB 2018 16:06:50

PPSD (CH Mid)

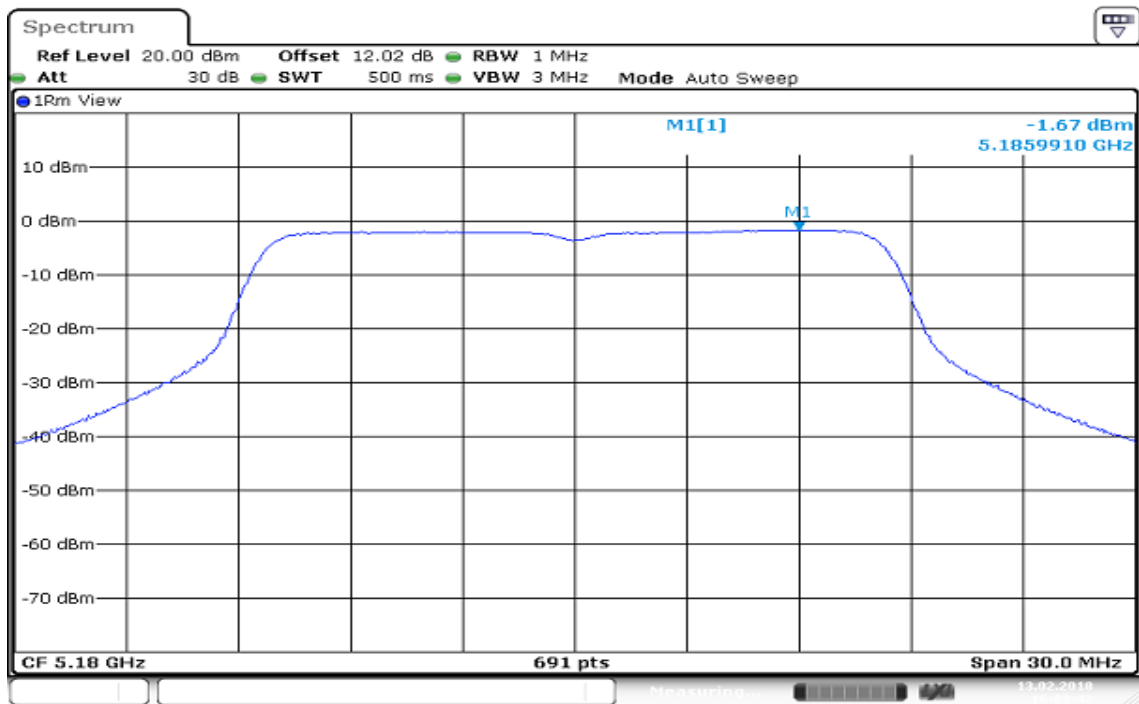


Date: 13 FEB 2018 16:17:02

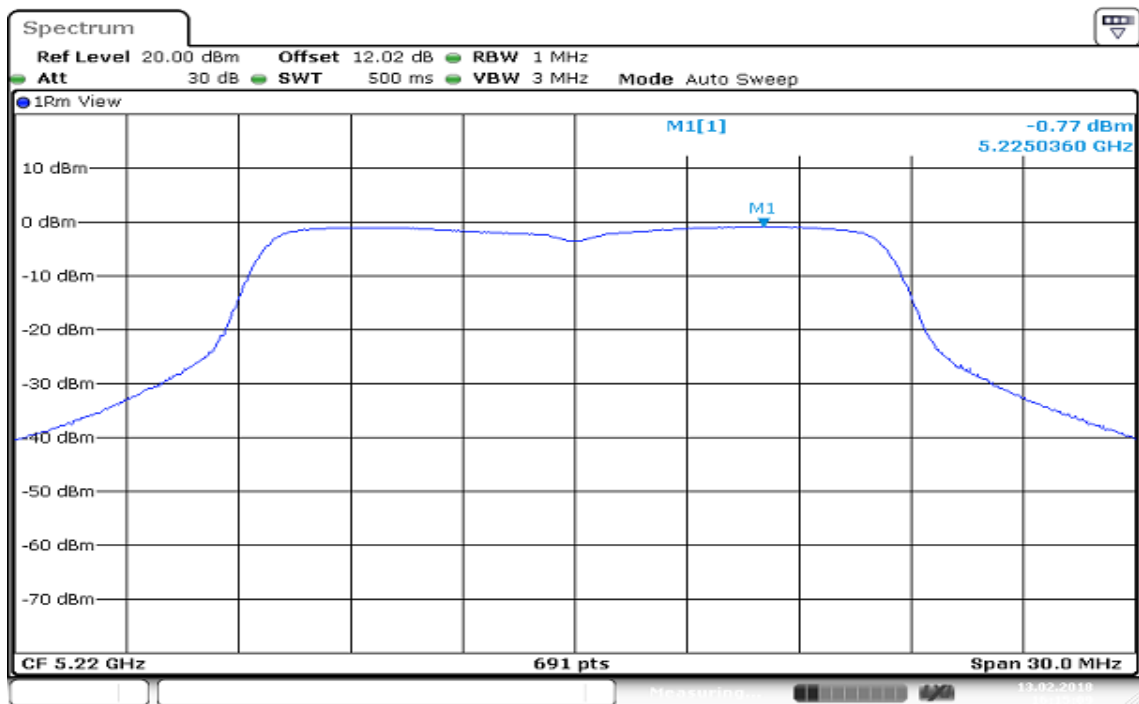
PPSD (CH High)



Date: 13 FEB 2018 16:25:19

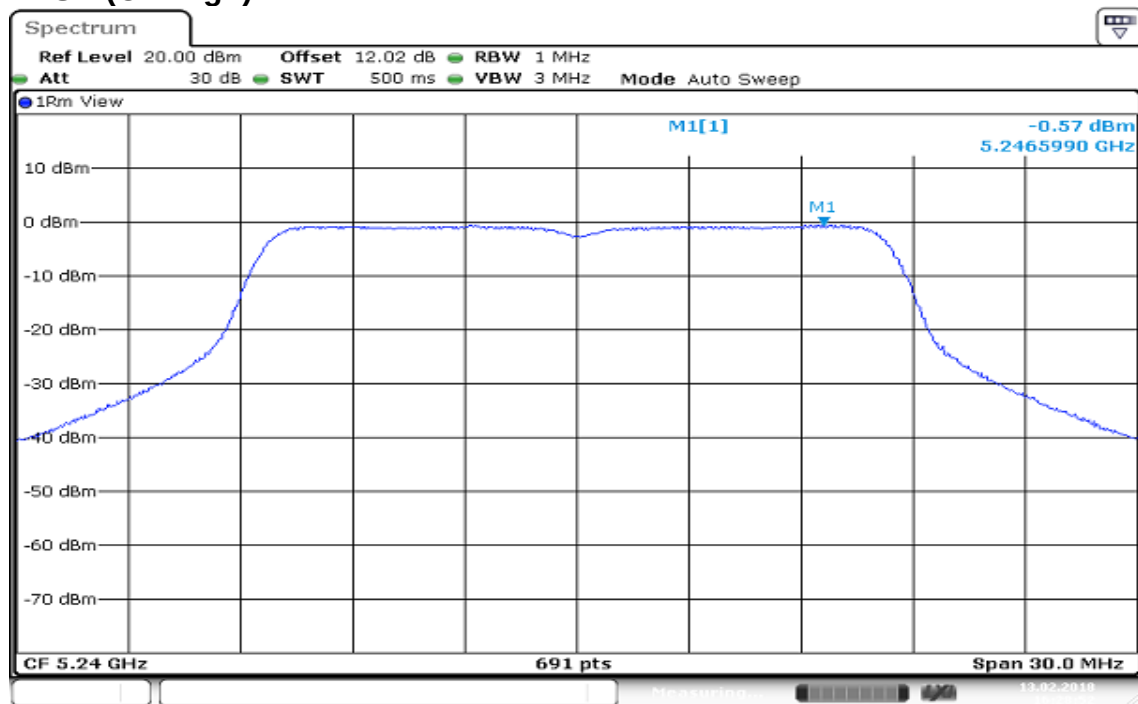
IEEE 802.11a mode / 5180 ~ 5240MHz / Chain 1**PPSD (CH Low)**

Date: 13.FEB 2018 16:08:43

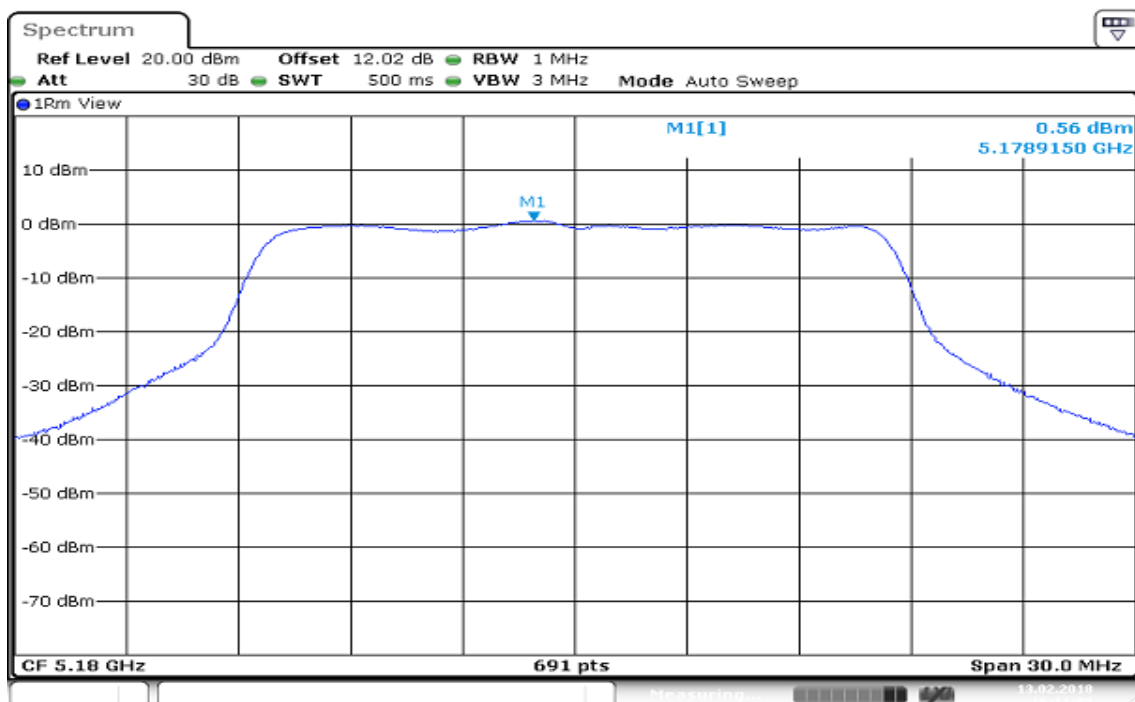
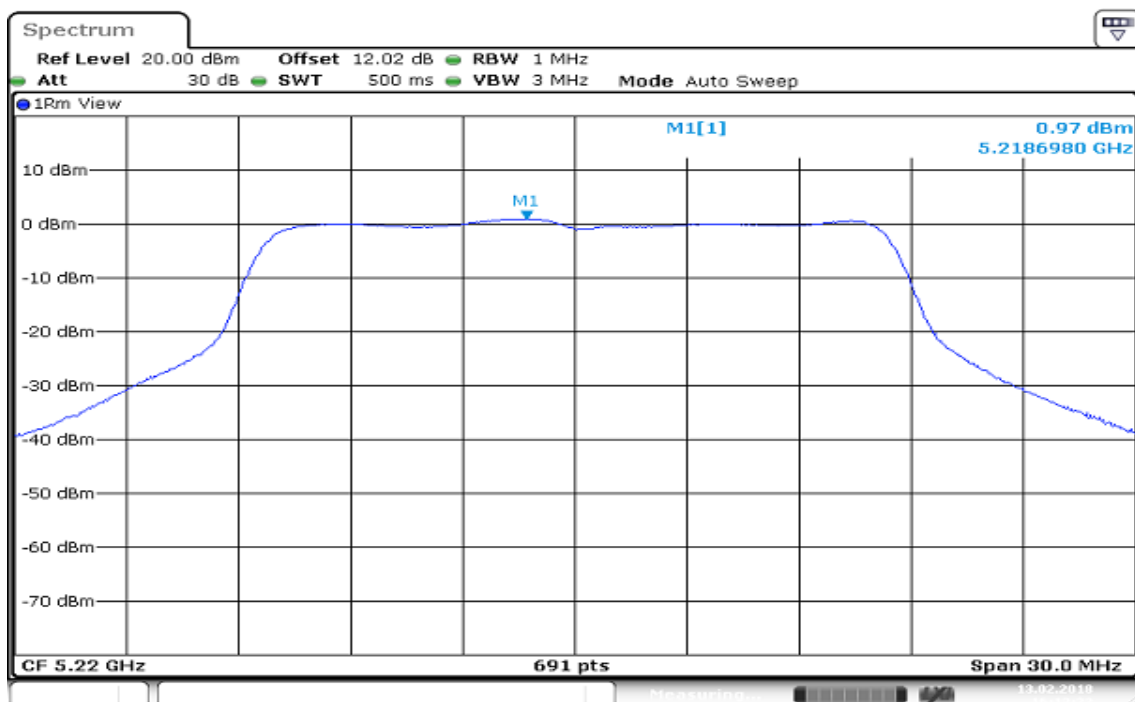
PPSD (CH Mid)

Date: 13.FEB 2018 16:15:10

PPSD (CH High)



Date: 13 FEB 2018 16:28:52

IEEE 802.11a mode / 5180 ~ 5240MHz / Chain 2**PPSD (CH Low)****PPSD (CH Mid)**

Spectrum

Ref Level 20.00 dBm Offset 12.02 dB RBW 1 MHz
Att 30 dB SWT 500 ms VBW 3 MHz Mode Auto Sweep

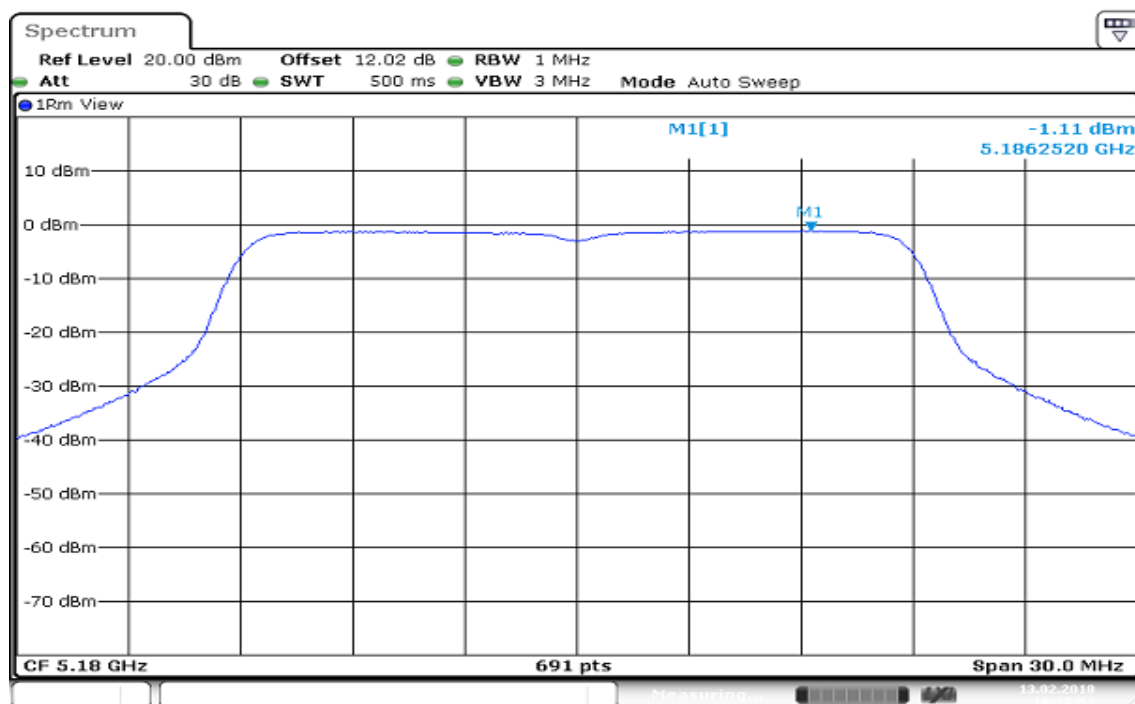
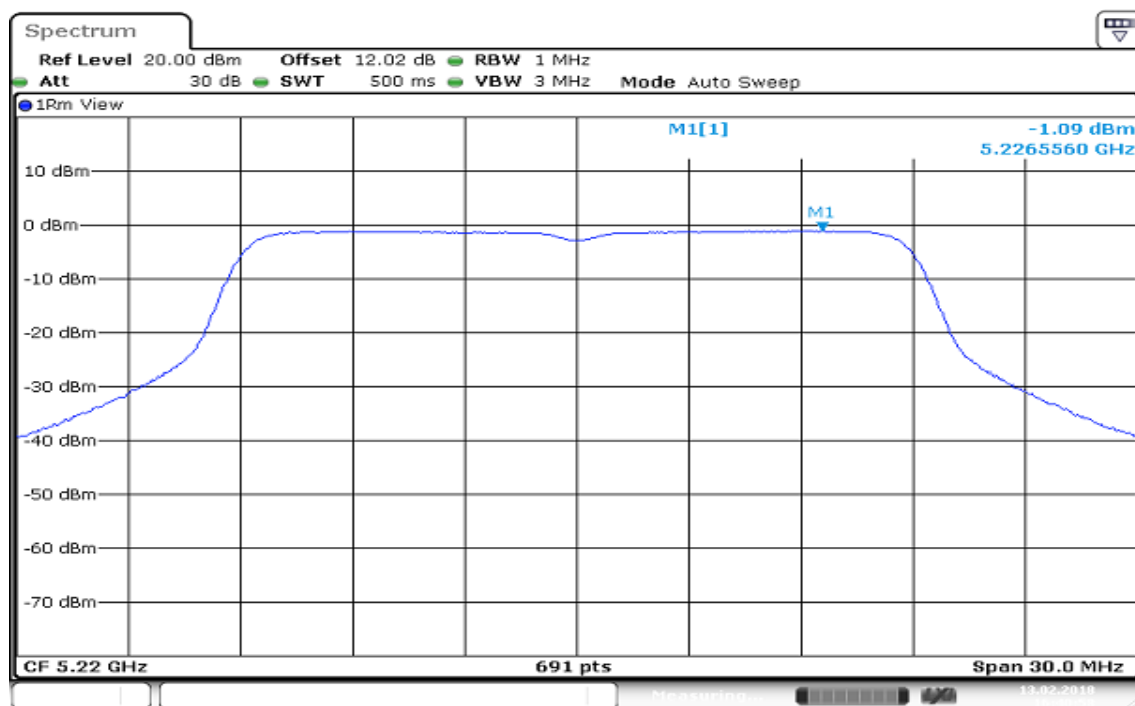
1Rm View

M1[1] 0.93 dBm
5.2462950 GHz

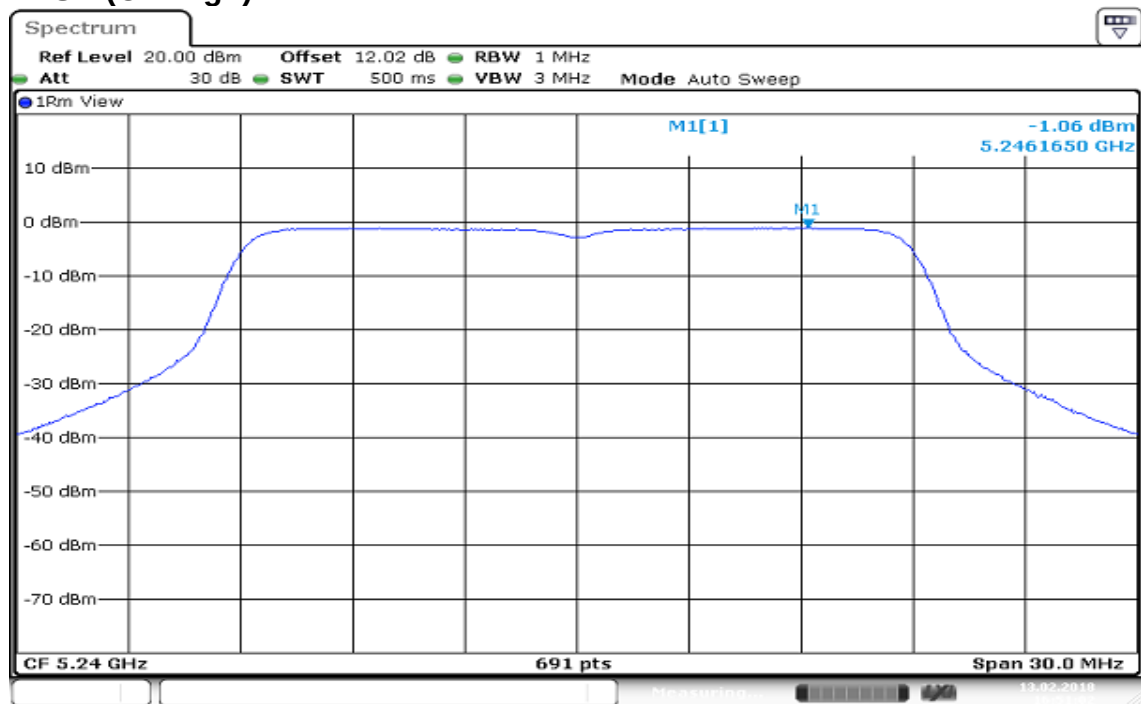
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm

CF 5.24 GHz 691 pts Span 30.0 MHz

Date: 13.FEB.2018 16:31:06

IEEE 802.11n 20 MHz mode / 5180 ~ 5240MHz / Chain 0**PPSD (CH Low)****PPSD (CH Mid)**

PPSD (CH High)



Date: 13 FEB 2018 16:51:03