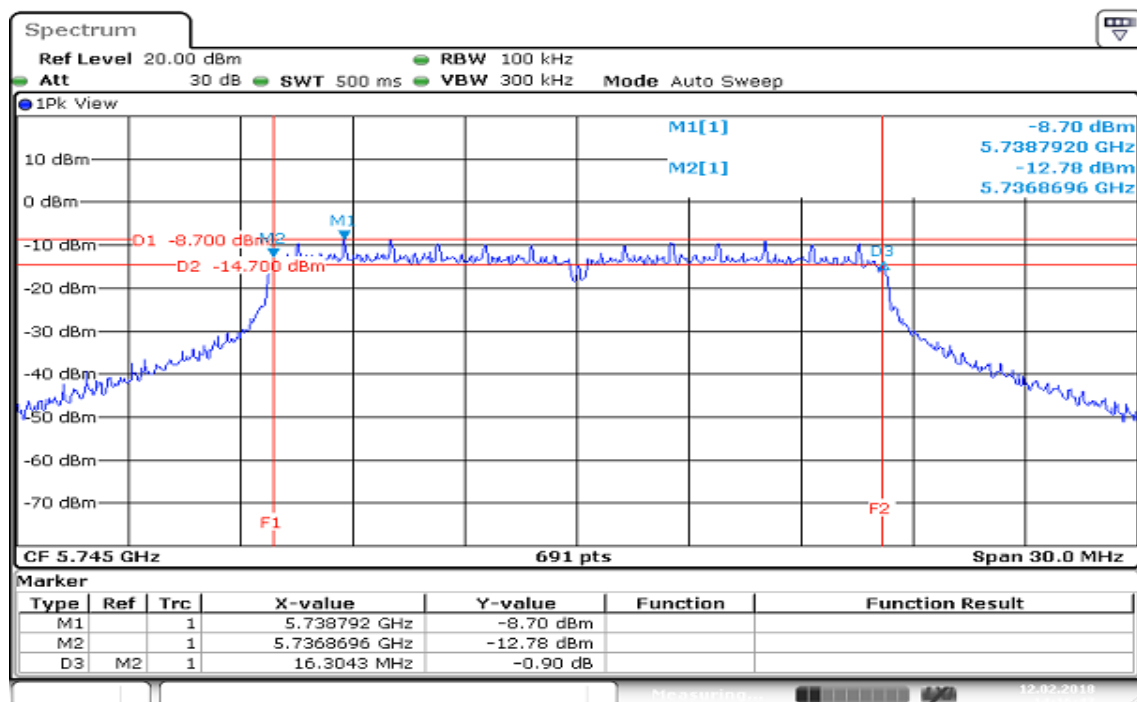
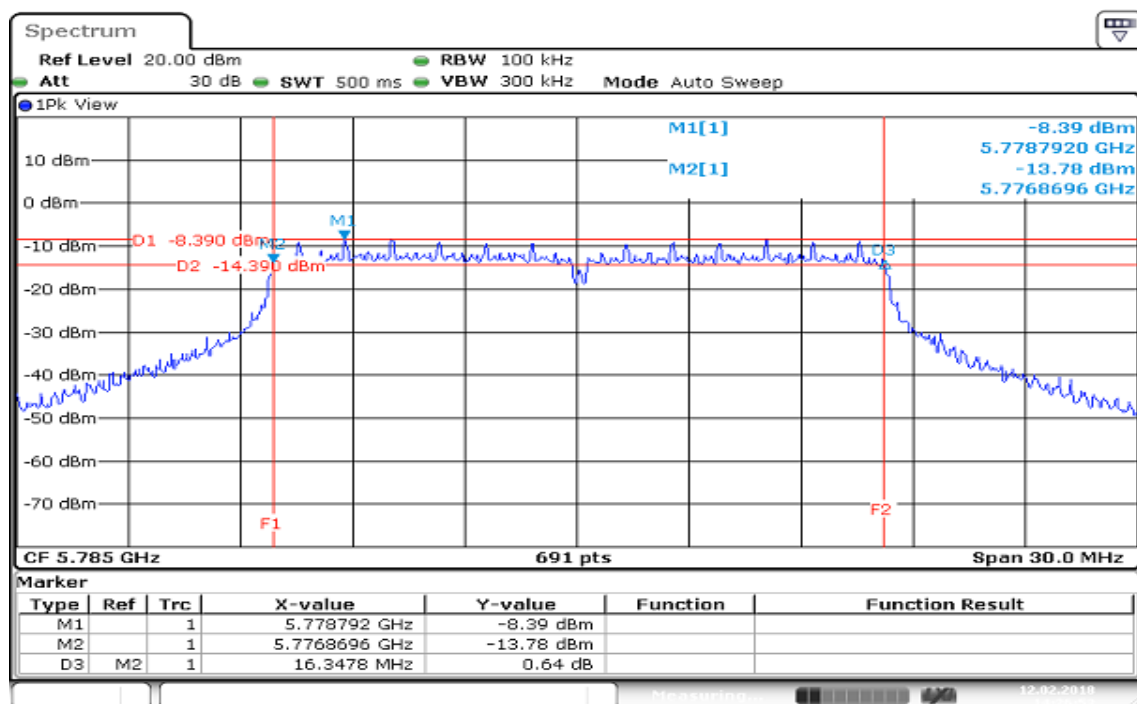
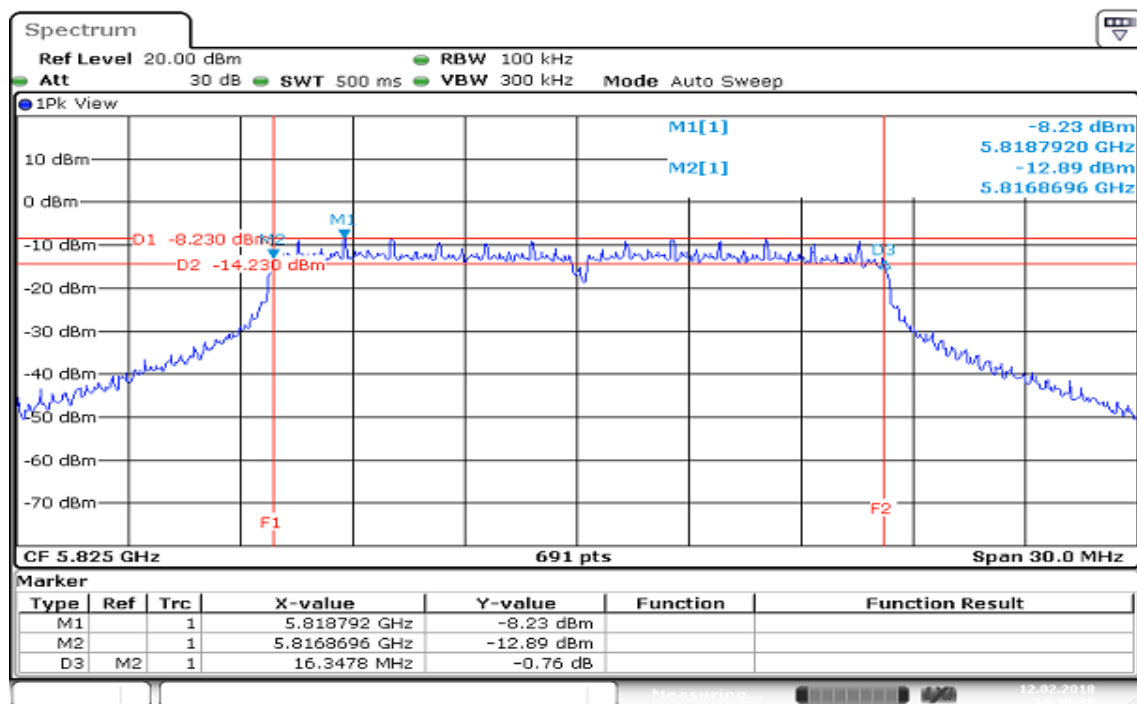


IEEE 802.11a mode / 5745 ~ 5825MHz / Chain 1**CH Low**

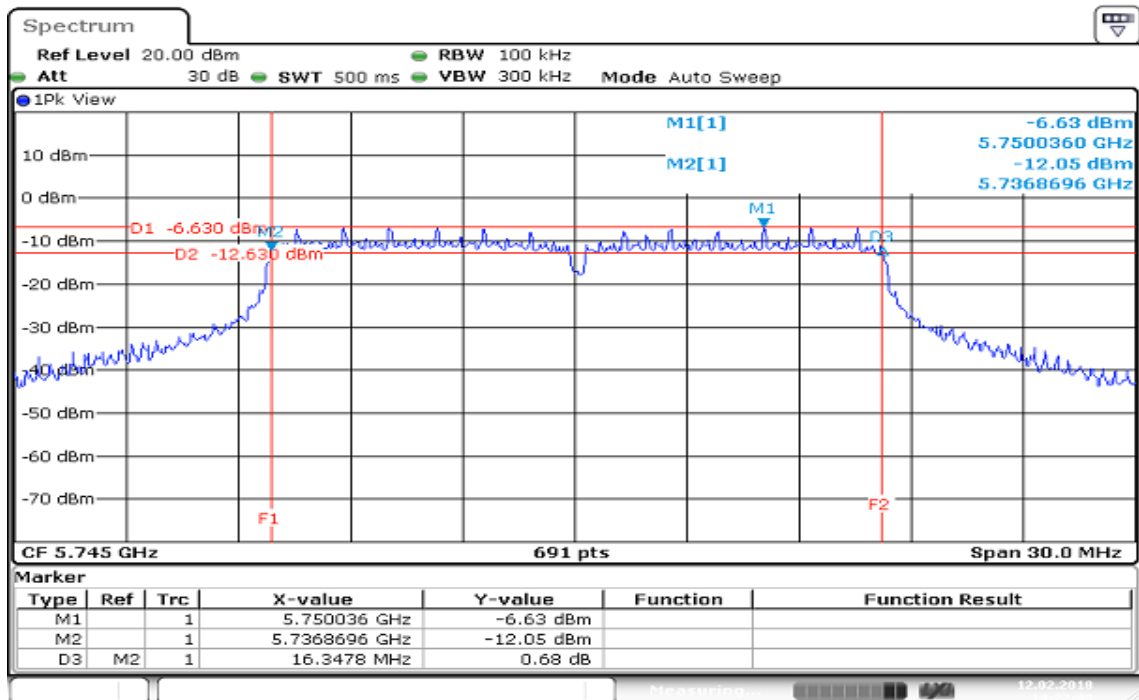
Date: 12.FEB 2018 14:16:48

CH Mid

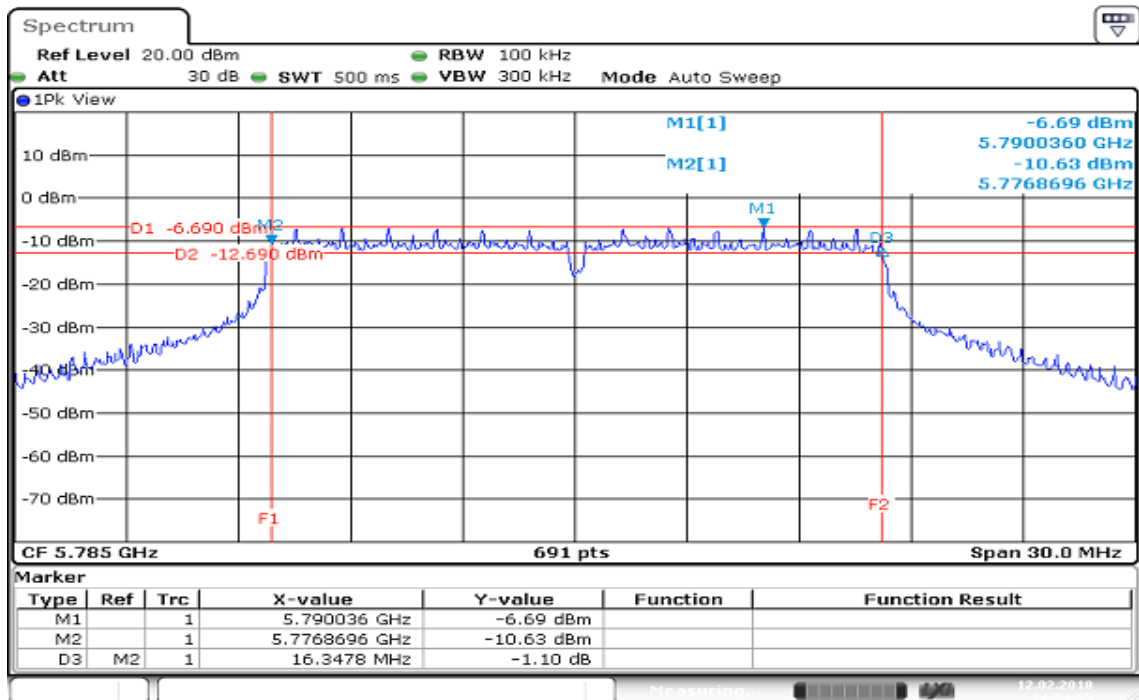
Date: 12.FEB 2018 14:26:53



Date: 12 FEB 2018 14:30:30

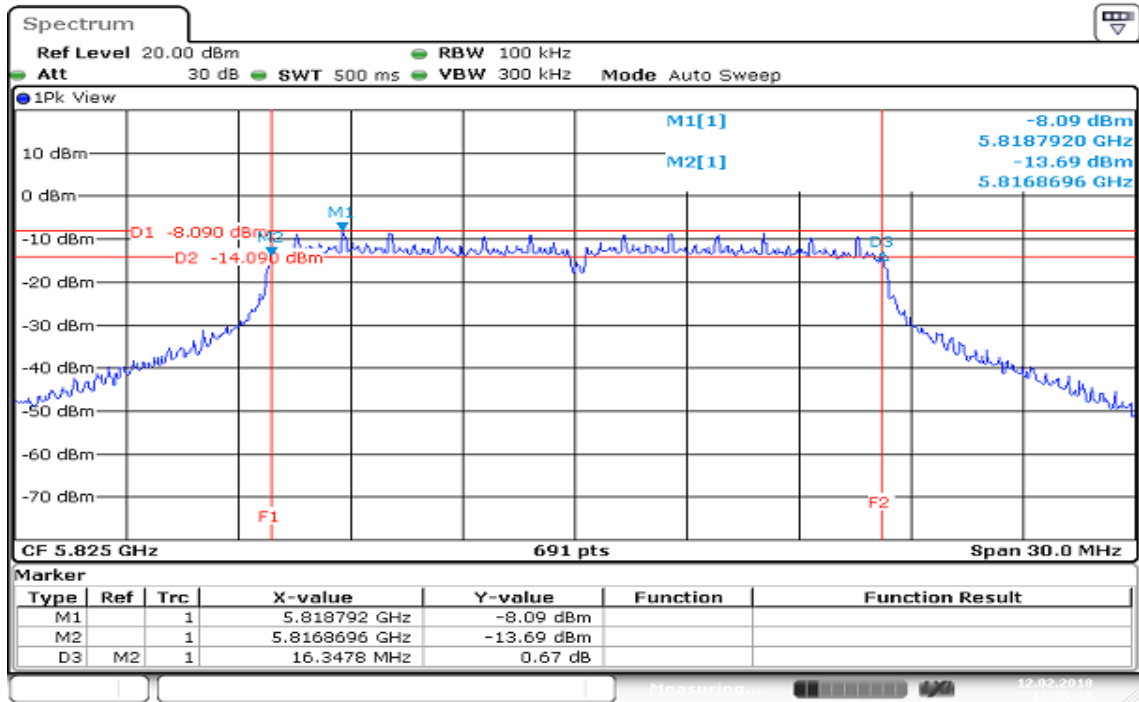
IEEE 802.11a mode / 5745 ~ 5825MHz / Chain 2**CH Low**

Date: 12 FEB 2018 14:22:49

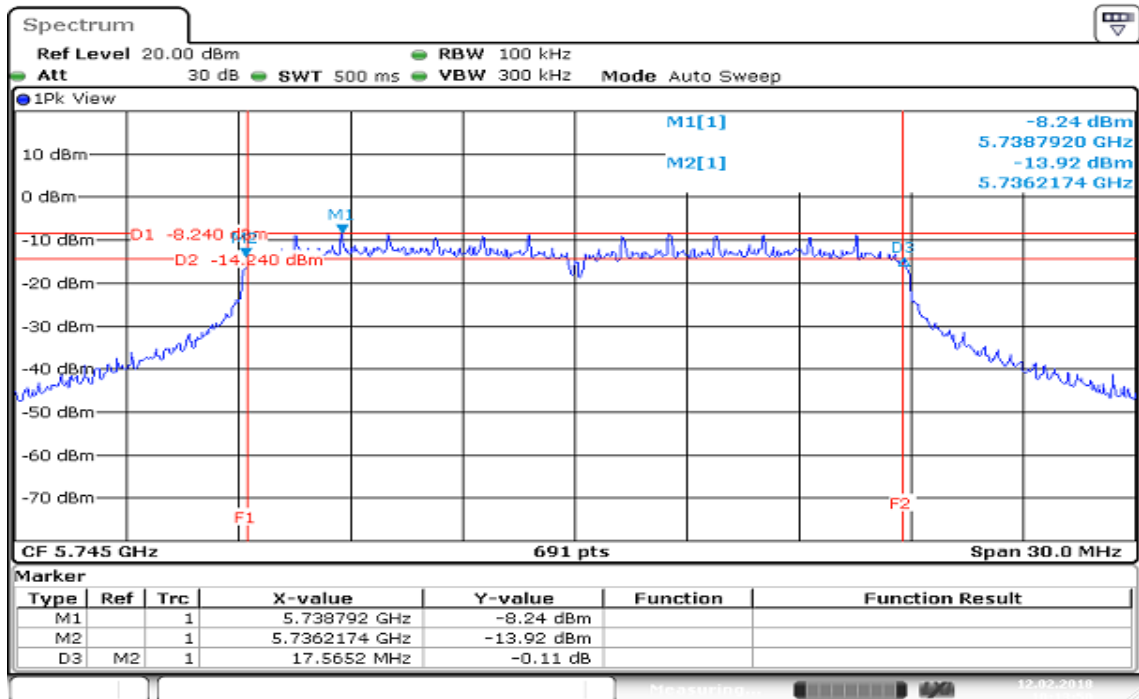
CH Mid

Date: 12 FEB 2018 14:24:55

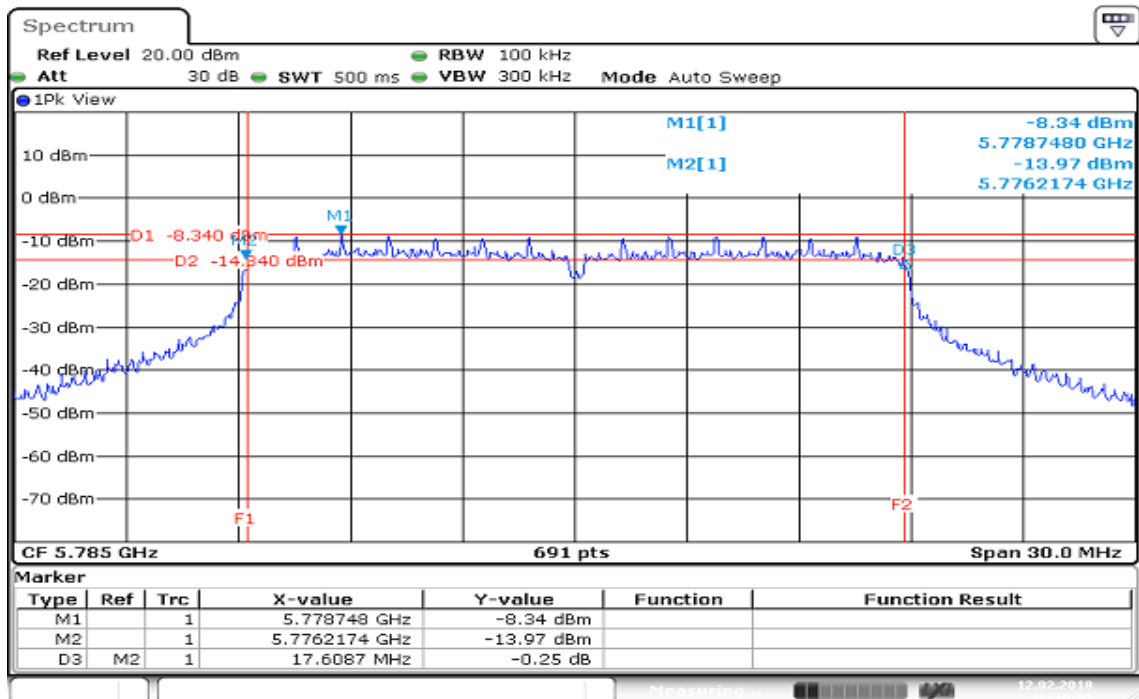
CH High



Date: 12 FEB 2018 14:35:19

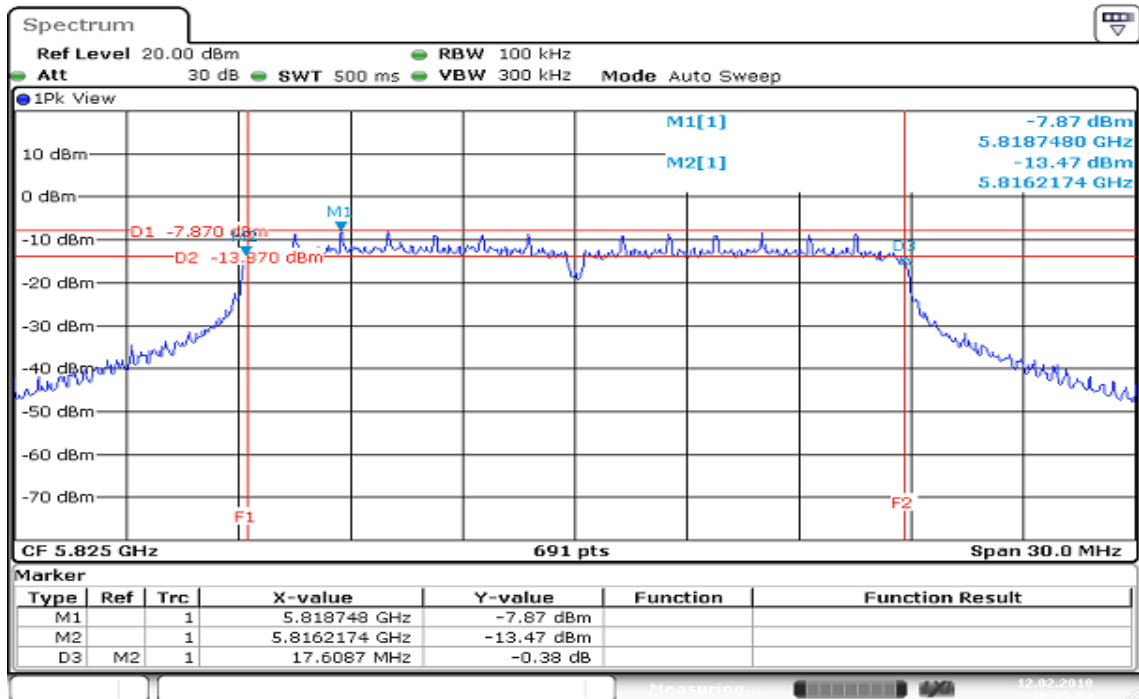
IEEE 802.11n 20 MHz mode / 5745 ~ 5825MHz / Chain 0**CH Low**

Date: 12 FEB 2018 10:13:50

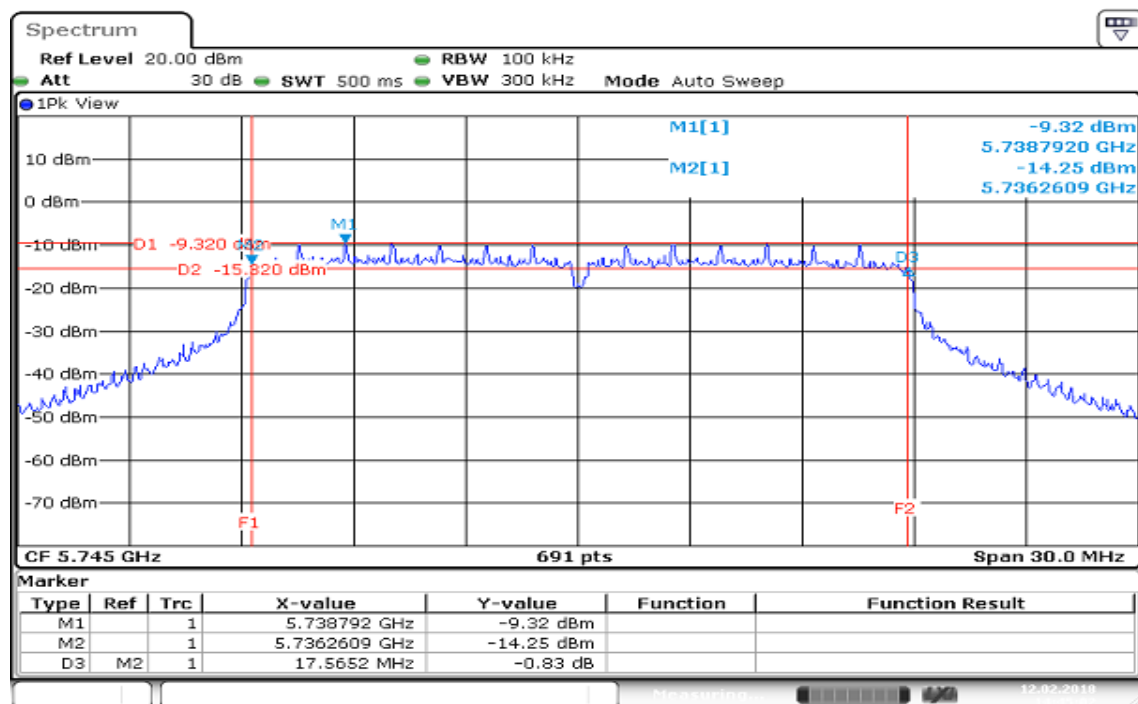
CH Mid

Date: 12 FEB 2018 10:16:46

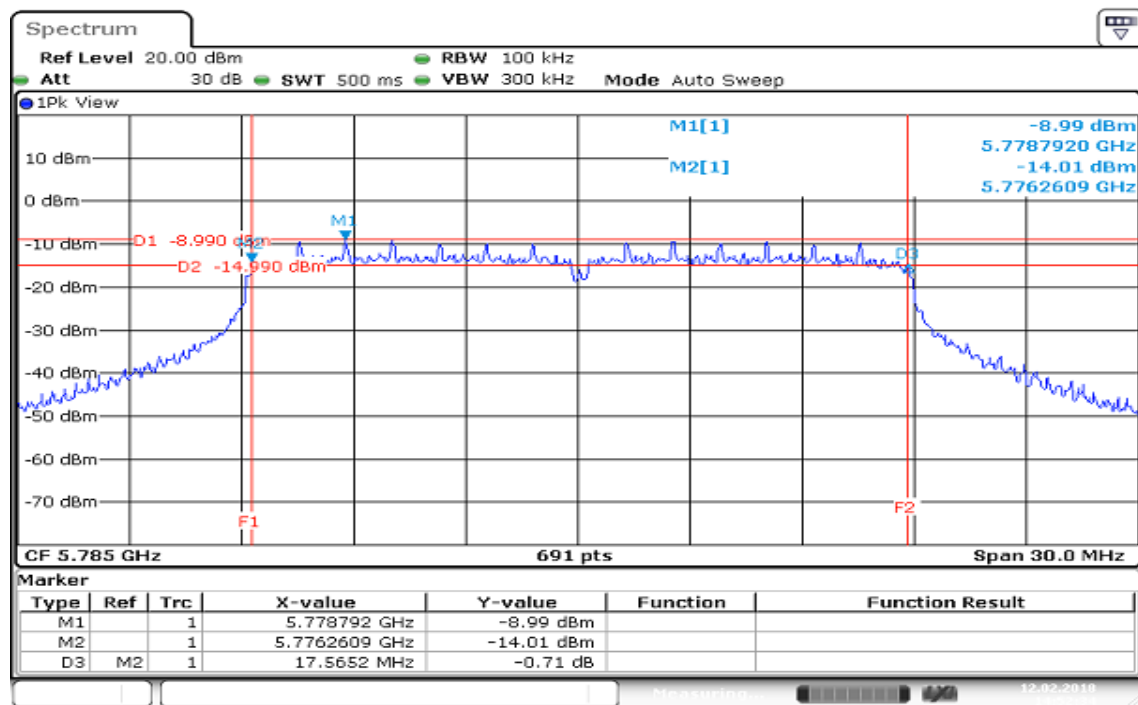
CH High



Date: 12.FEB.2018 10:19:53

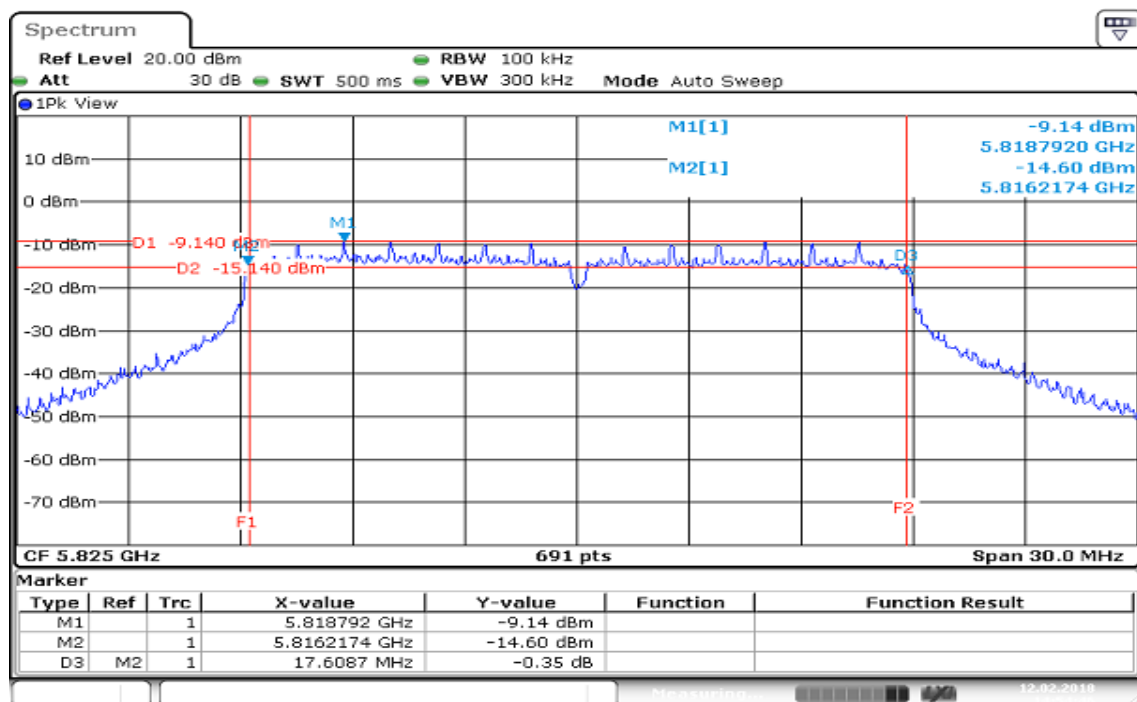
IEEE 802.11n 20 MHz mode / 5745 ~ 5825MHz / Chain 1**CH Low**

Date: 12.FEB.2018 14:45:02

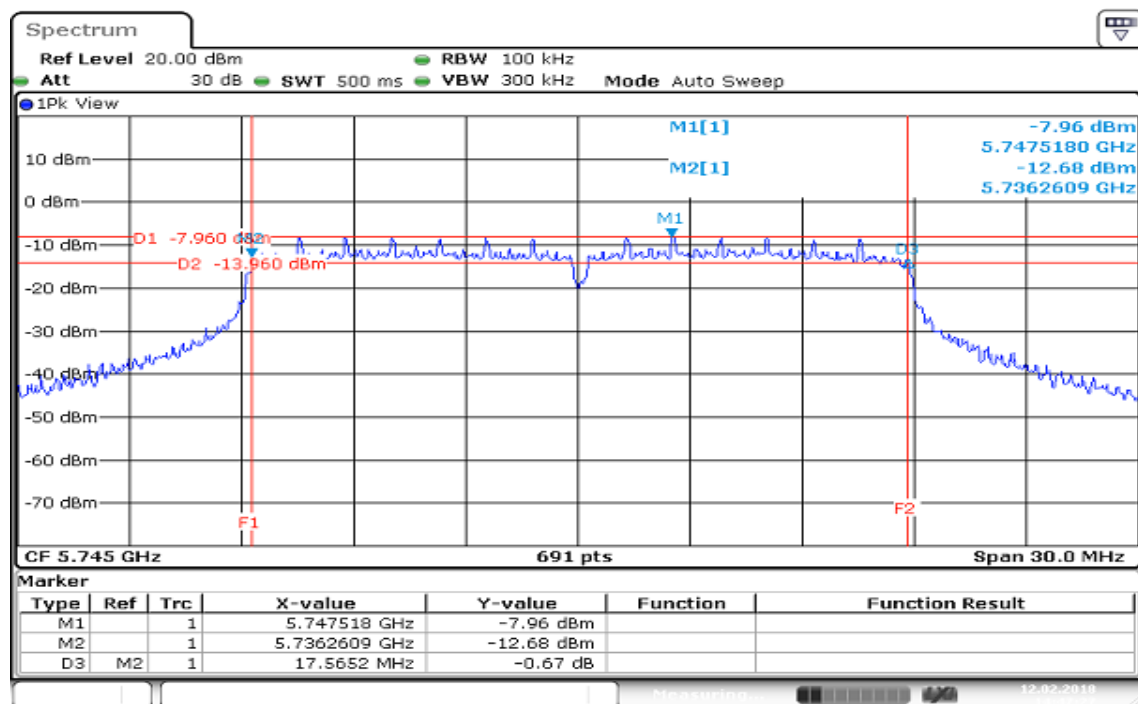
CH Mid

Date: 12.FEB.2018 14:52:24

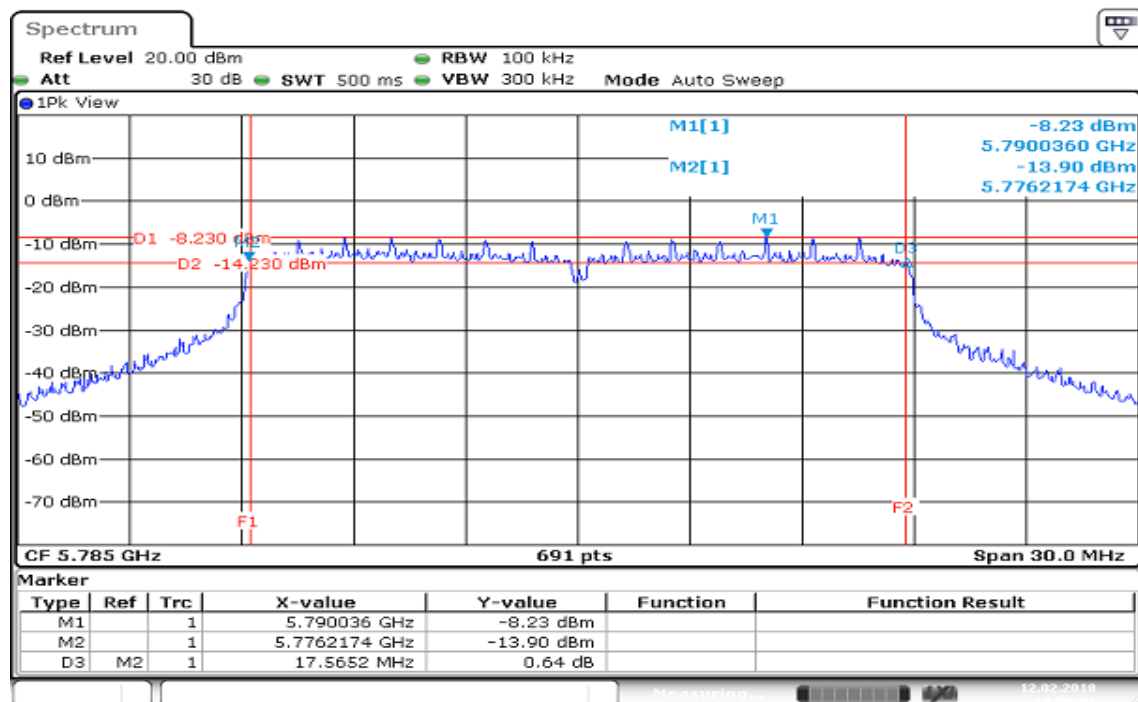
CH High



Date: 12.FEB.2018 14:54:46

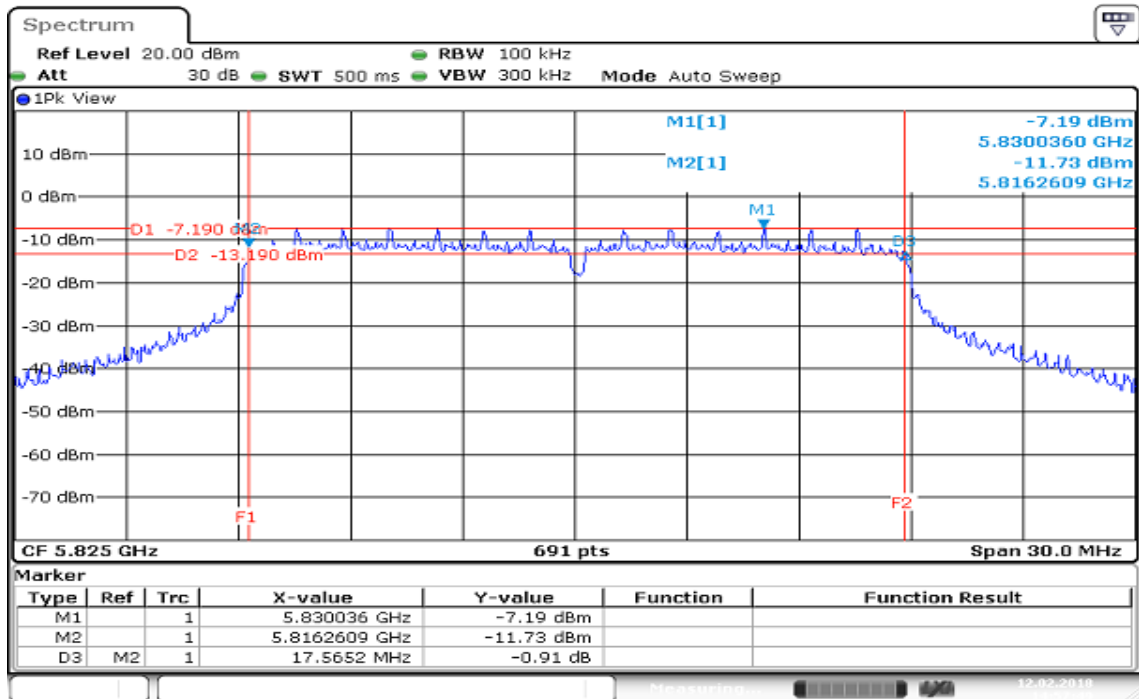
IEEE 802.11n 20 MHz mode / 5745 ~ 5825MHz / Chain 2**CH Low**

Date: 12.FEB 2018 14:47:27

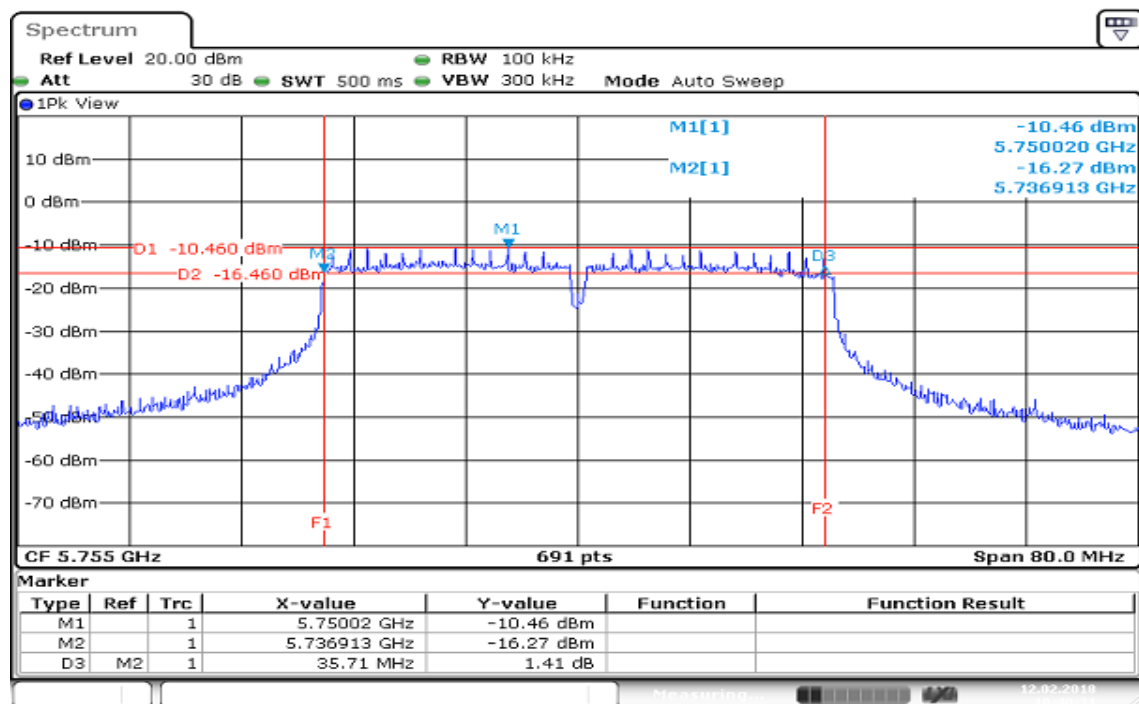
CH Mid

Date: 12.FEB 2018 14:50:04

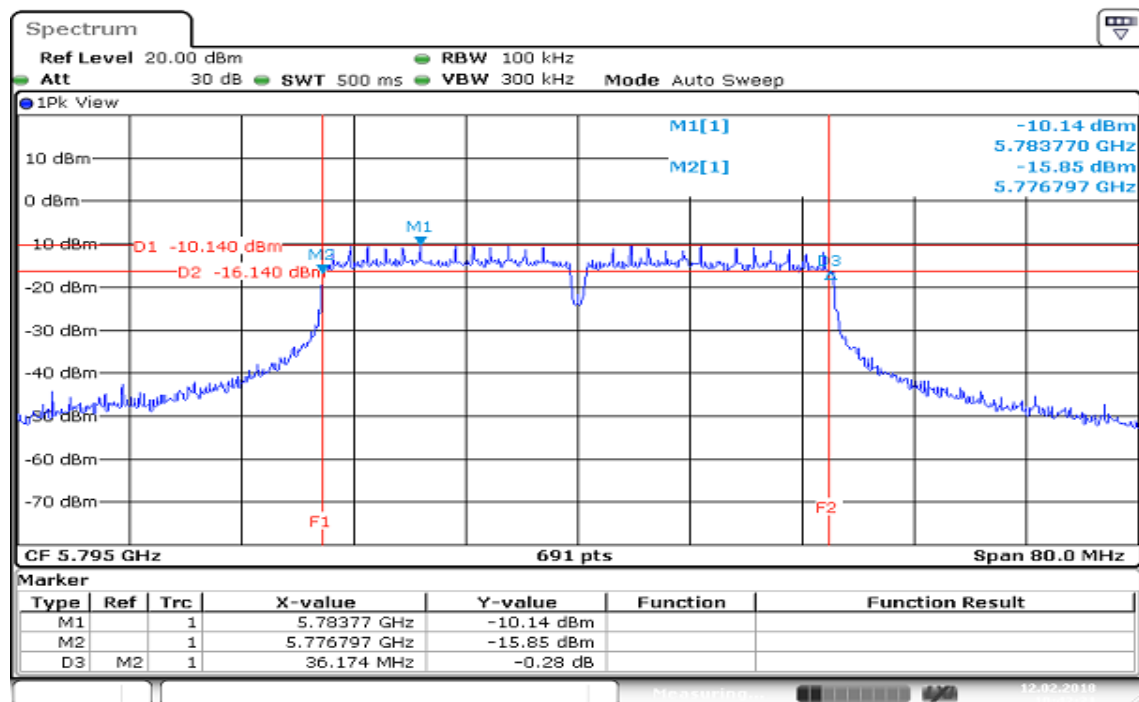
CH High



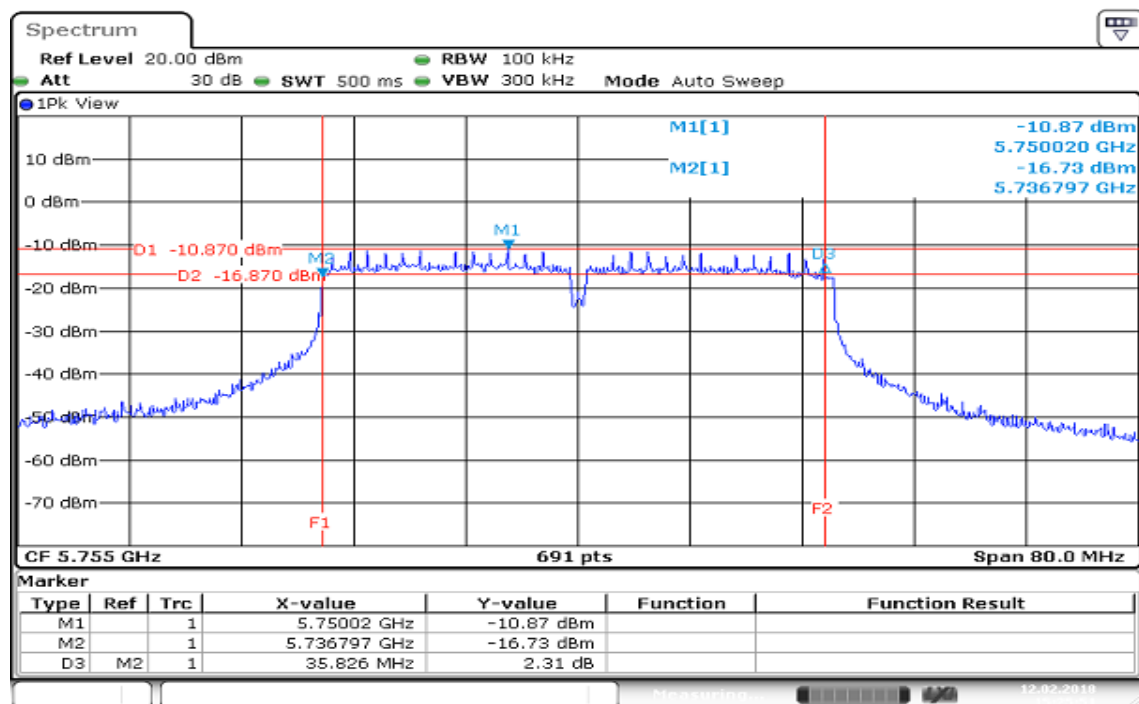
Date: 12.FEB.2018 14:57:50

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

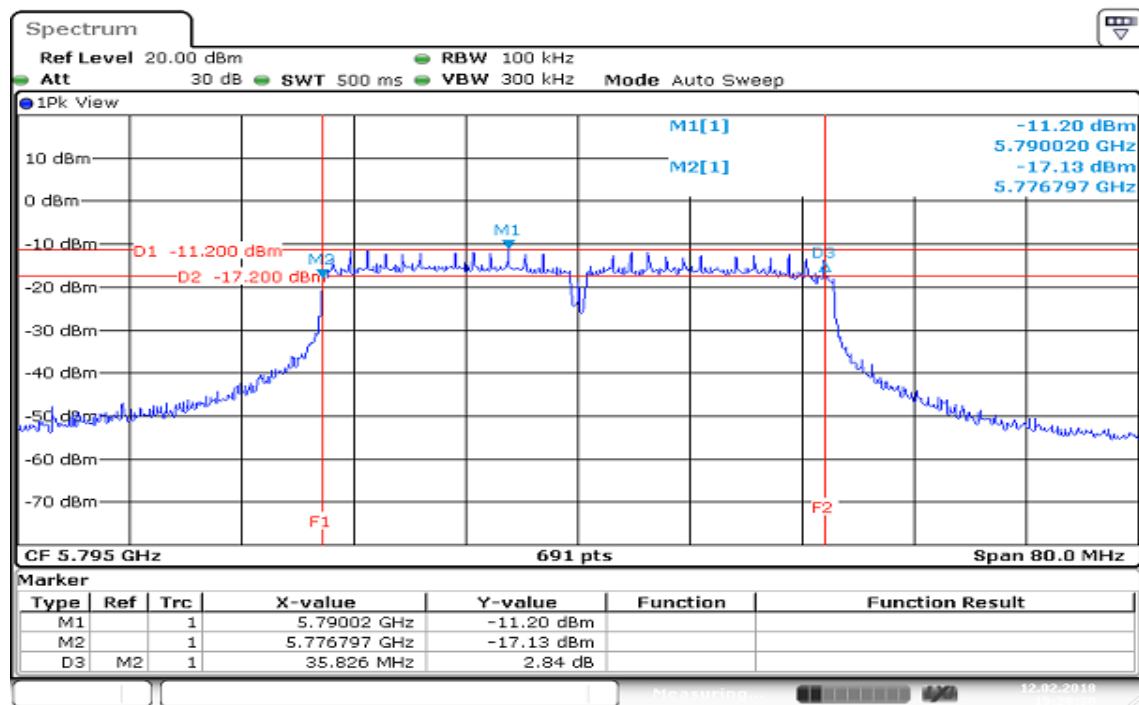
Date: 12.FEB 2018 10:40:31

CH High

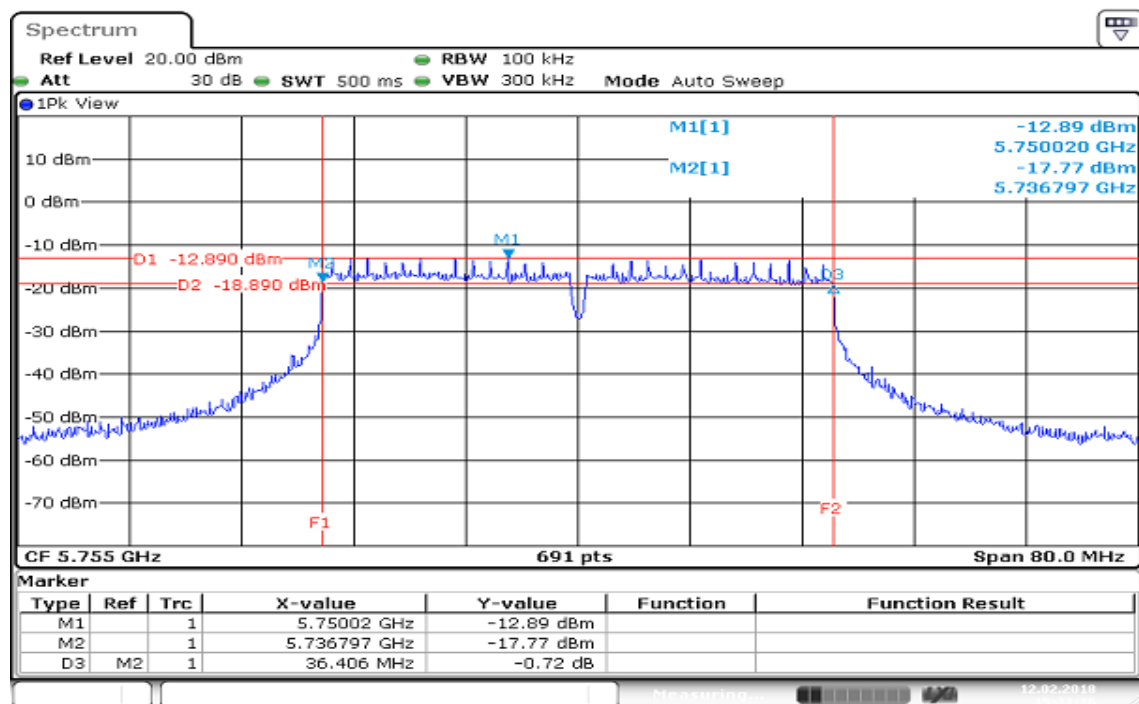
Date: 12.FEB 2018 10:42:31

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

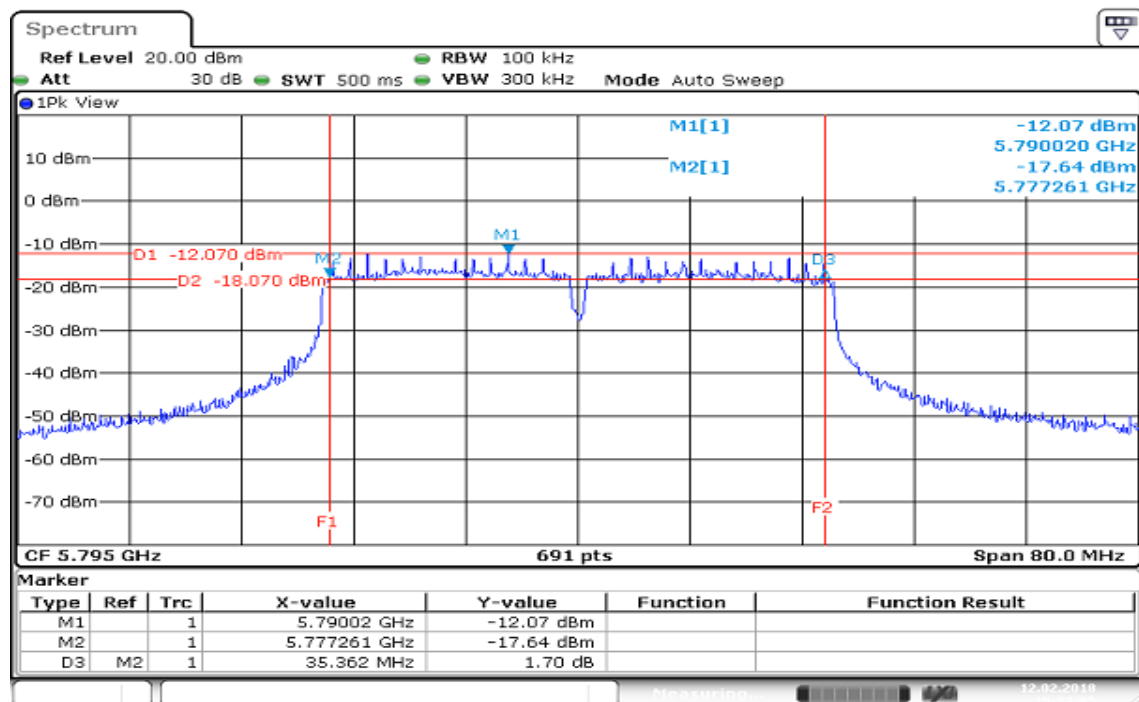
Date: 12.FEB.2018 15:25:52

CH High

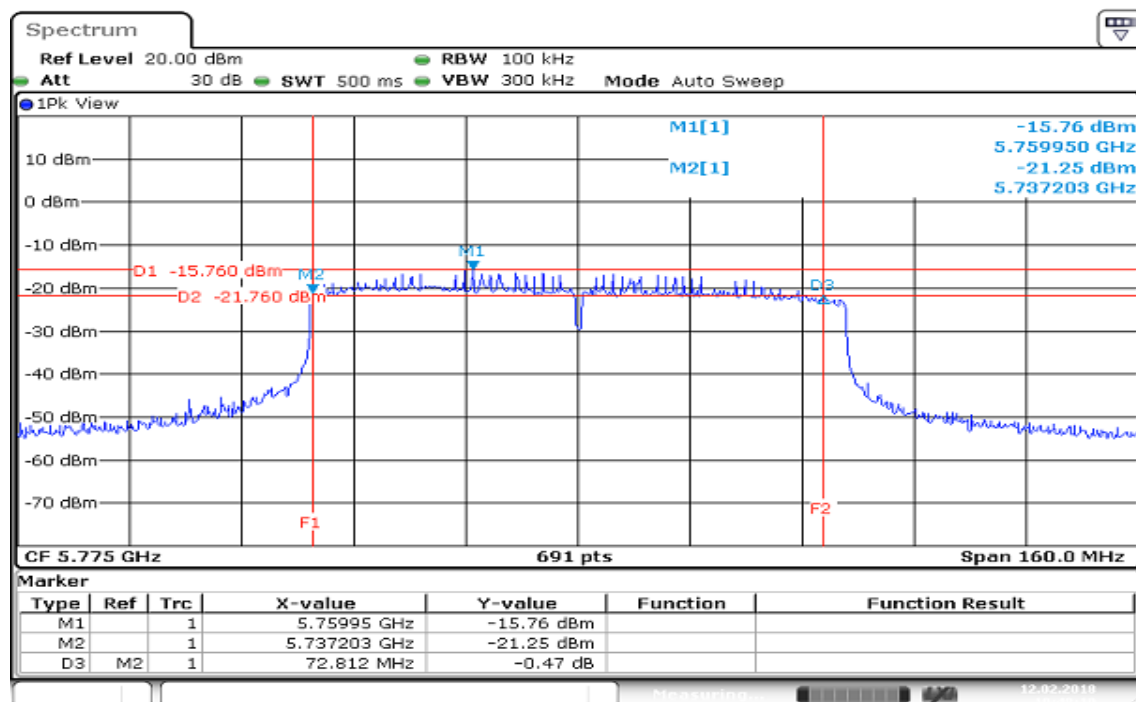
Date: 12.FEB.2018 15:28:20

IEEE 802.11n 40 MHz mode / 5755 ~ 5795MHz / Chain 2**CH Low**

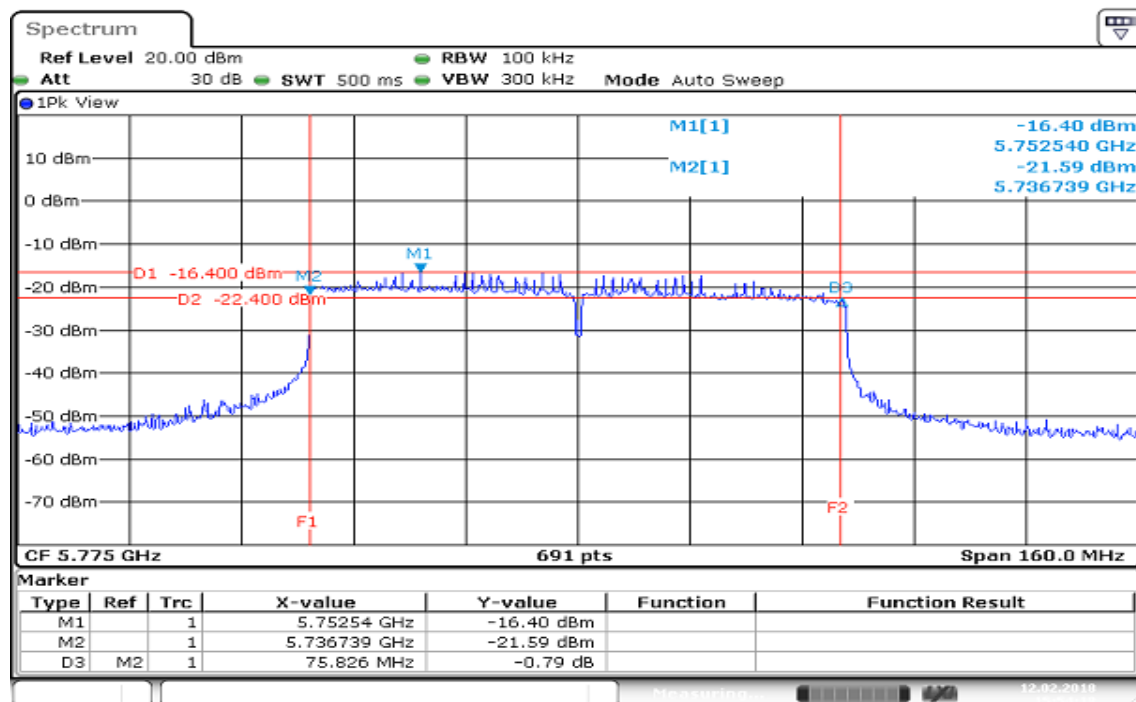
Date: 12.FEB.2018 15:31:17

CH High

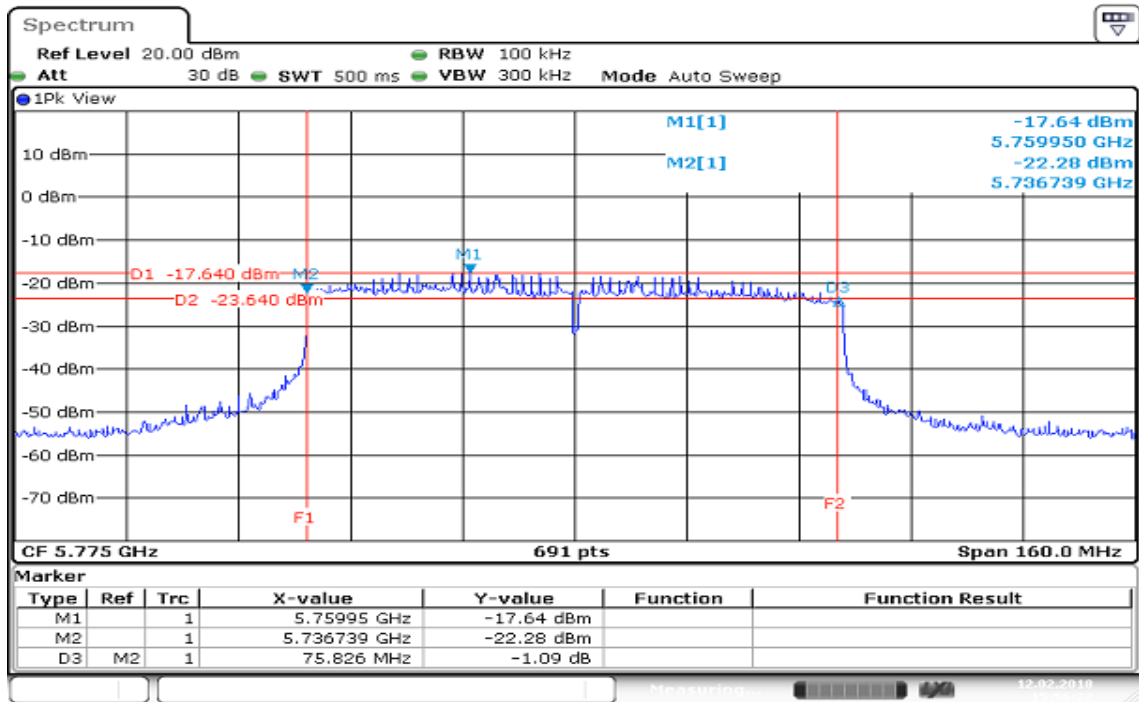
Date: 12.FEB.2018 15:33:06

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

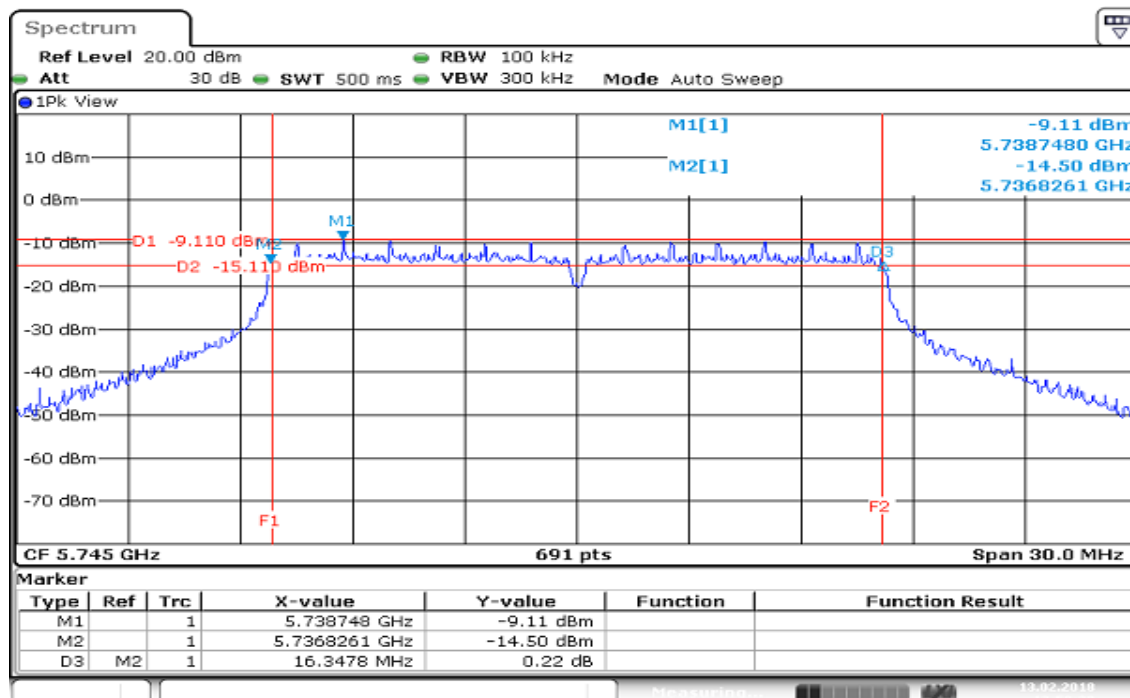
Date: 12.FEB.2018 10:48:10

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

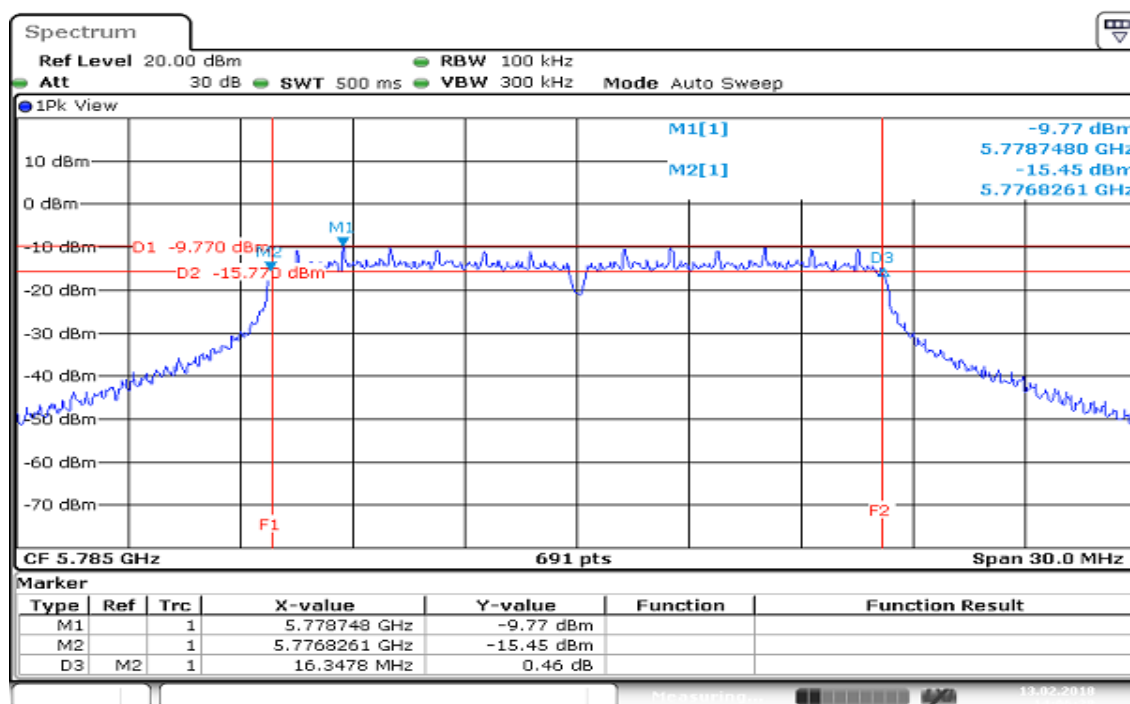
Date: 12.FEB.2018 15:54:19

IEEE 802.11ac VHT 80 MHz mode / 5775MHz / Chain 2**CH Mid**

Date: 12.FEB.2018 15:56:22

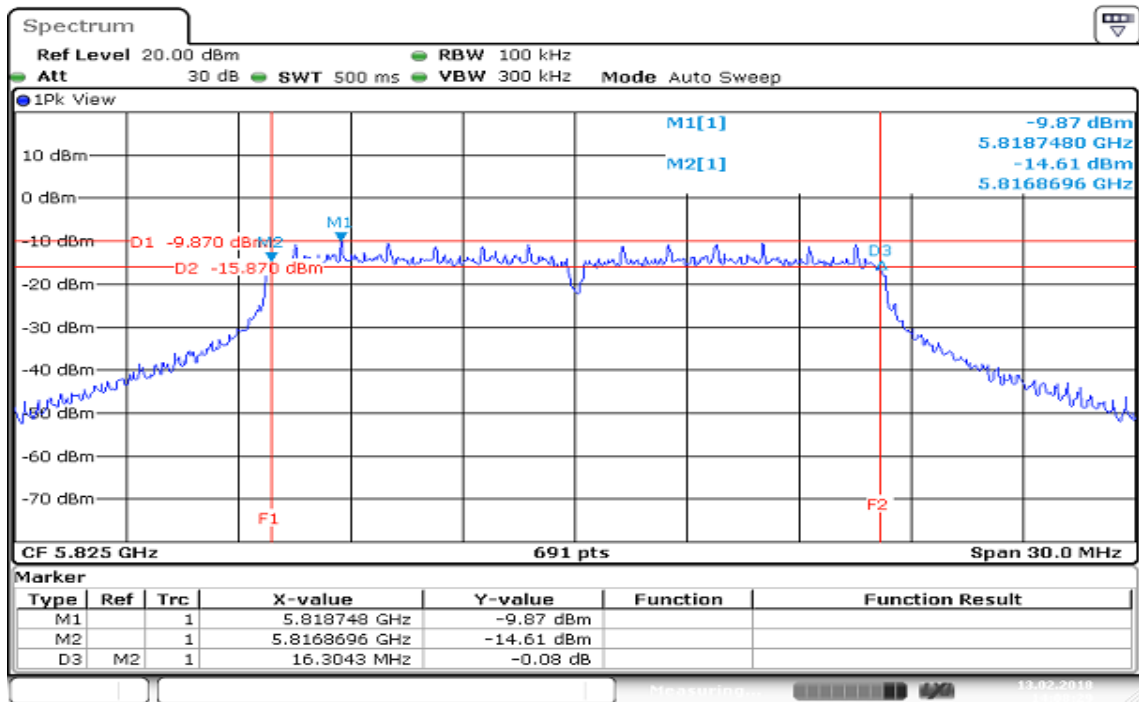
For 2TX:**IEEE 802.11a mode / 5745 ~ 5825MHz / Chain 0****CH Low**

Date: 13.FEB.2018 13:59:21

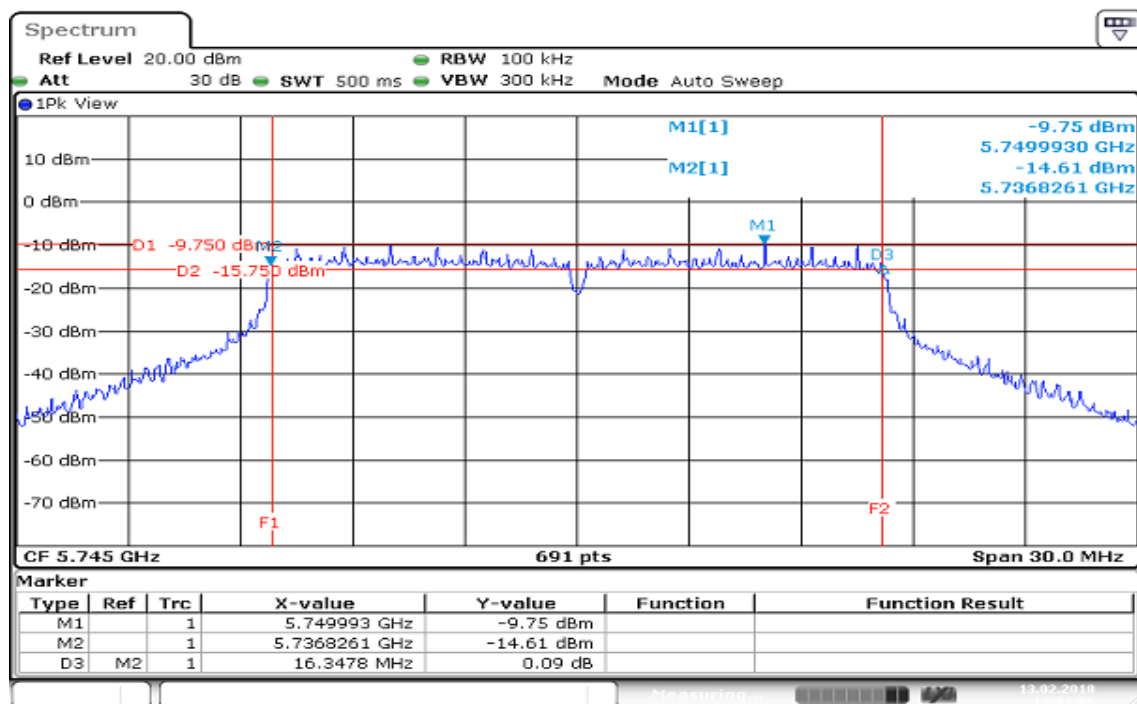
CH Mid

Date: 13.FEB.2018 14:06:28

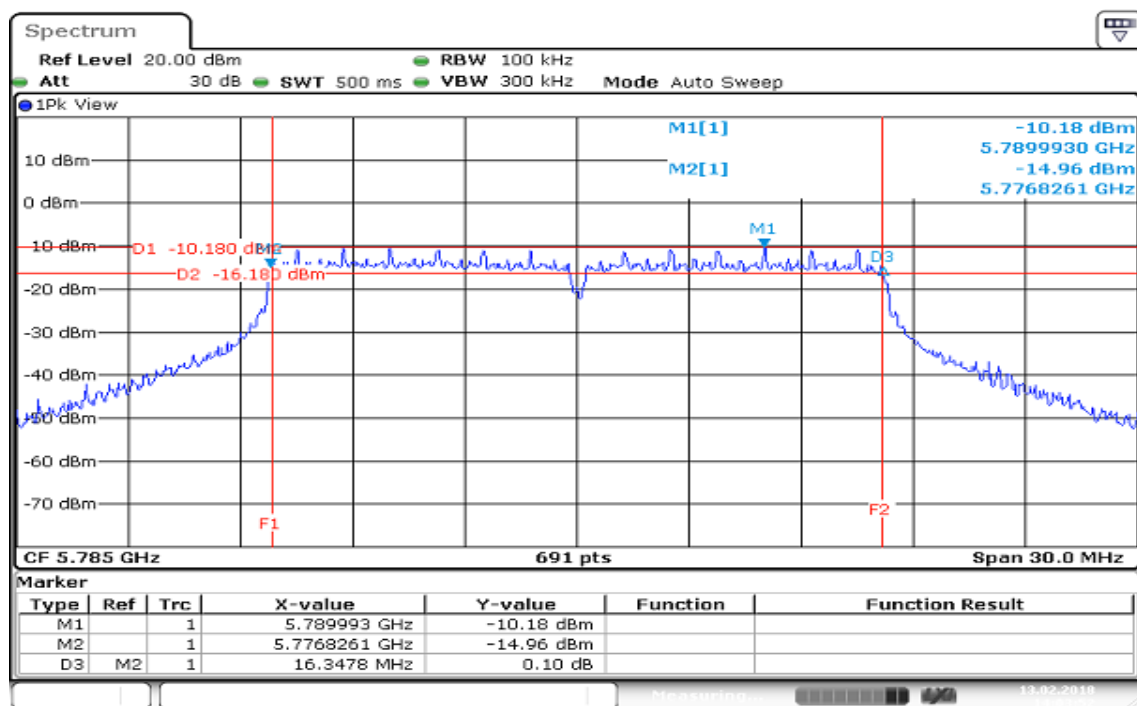
CH High



Date: 13.FEB 2018 14:08:29

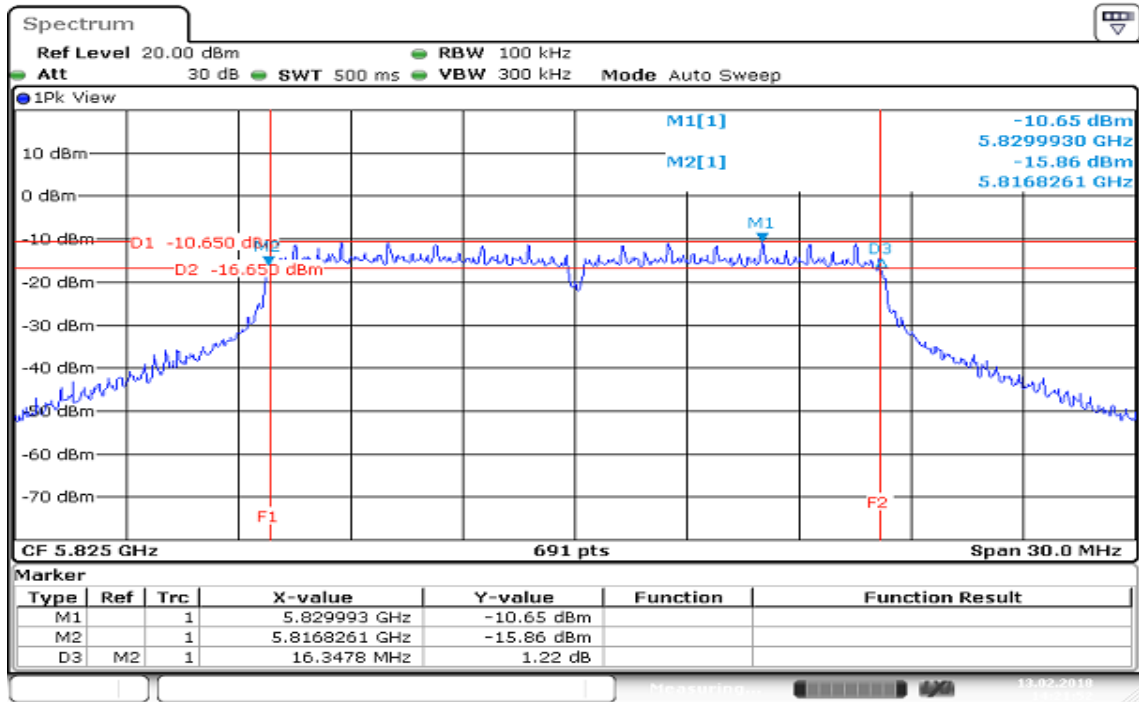
IEEE 802.11a mode / 5745 ~ 5825MHz / Chain 1**CH Low**

Date: 13.FEB 2018 14:01:06

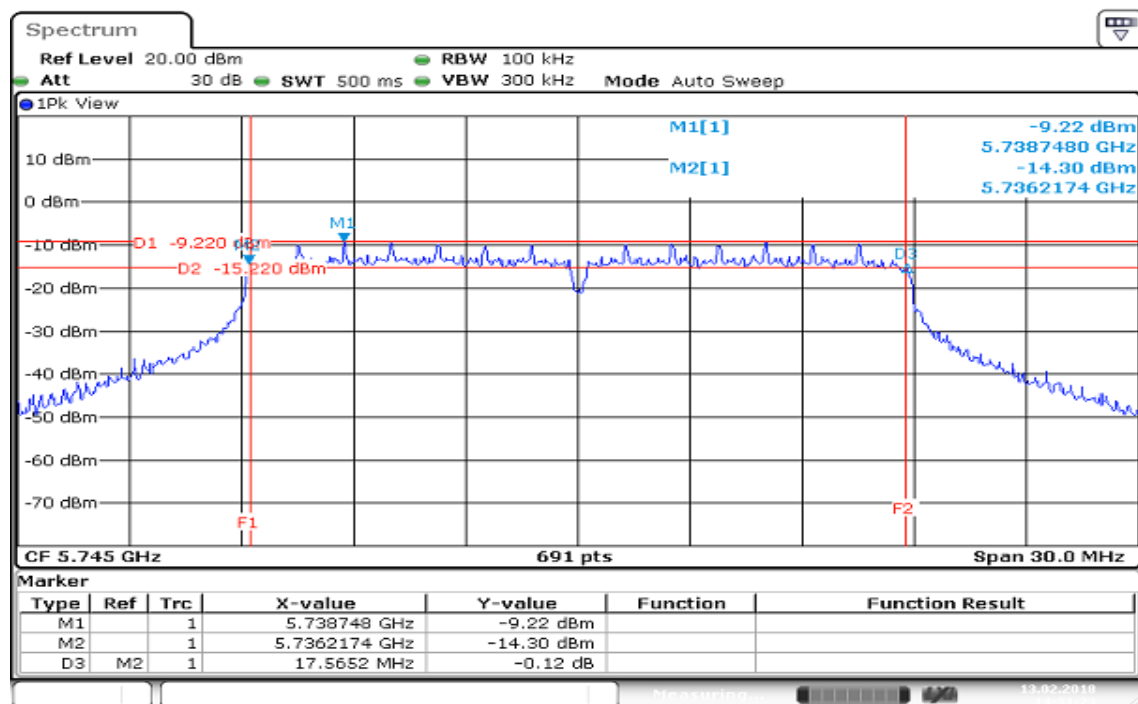
CH Mid

Date: 13.FEB 2018 14:03:52

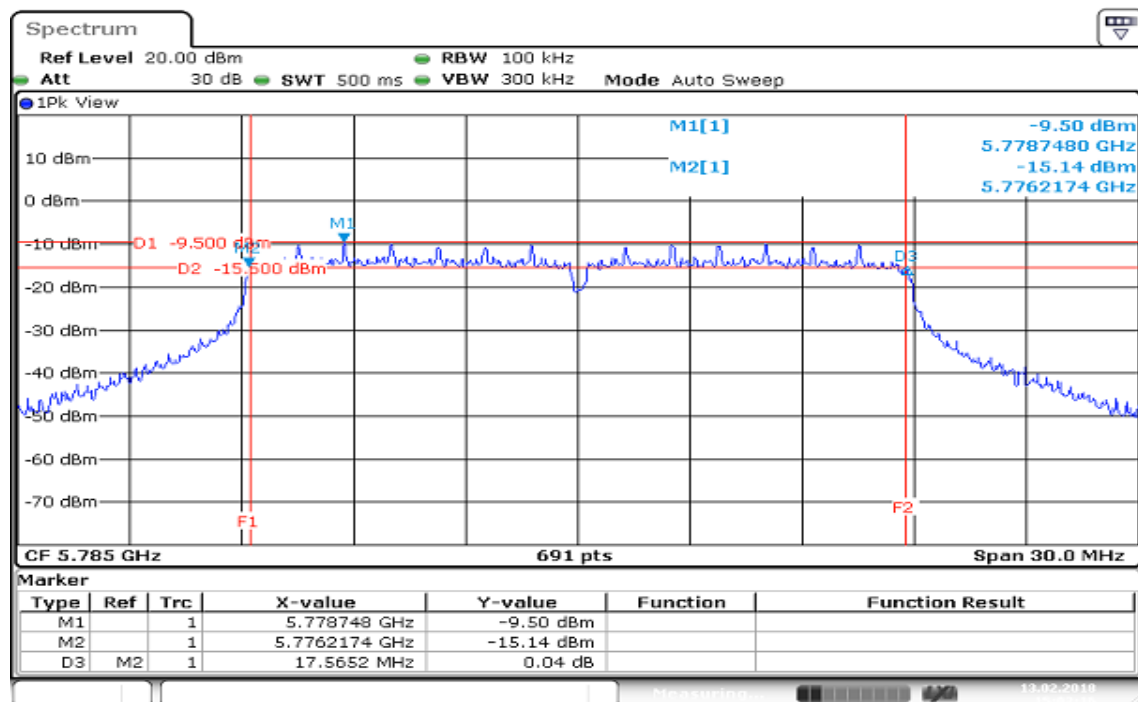
CH High



Date: 13 FEB 2018 14:21:52

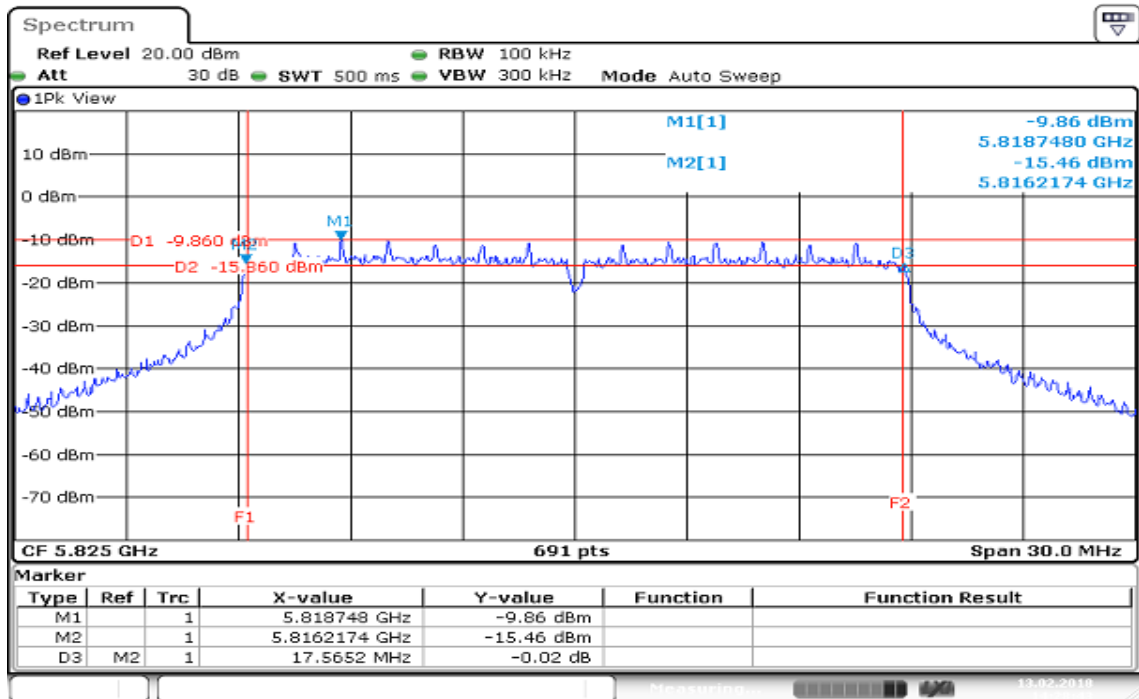
IEEE 802.11n 20 MHz mode / 5745 ~ 5825MHz / Chain 0**CH Low**

Date: 13.FEB 2018 14:31:22

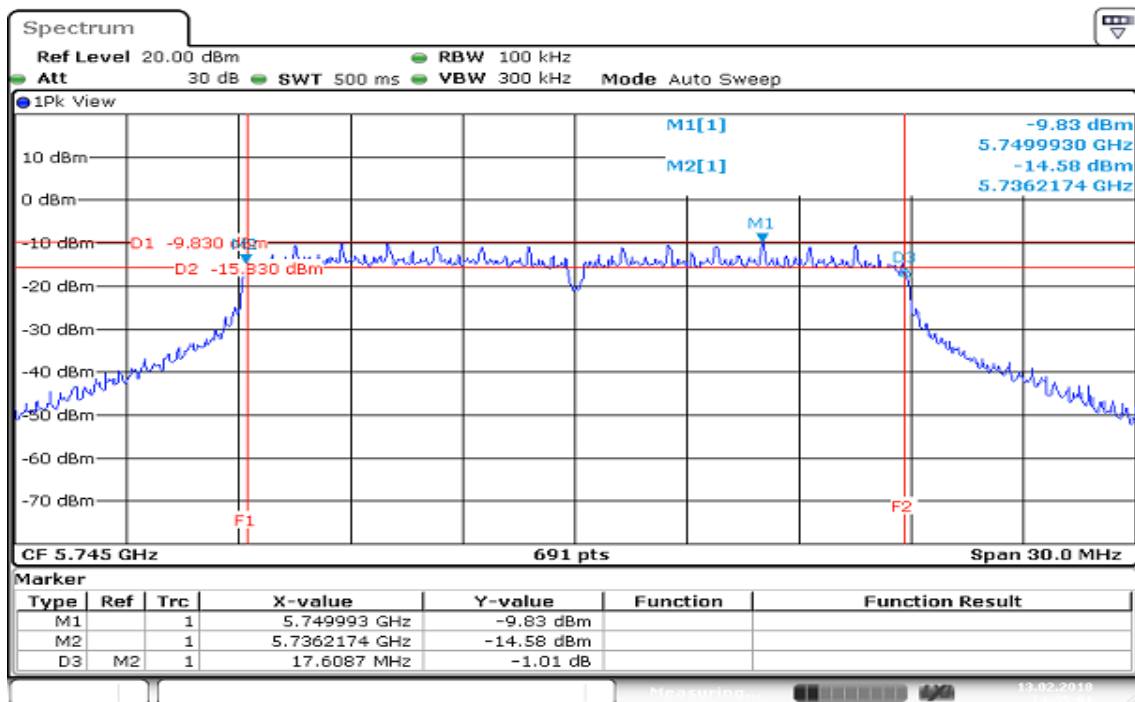
CH Mid

Date: 13.FEB 2018 15:03:16

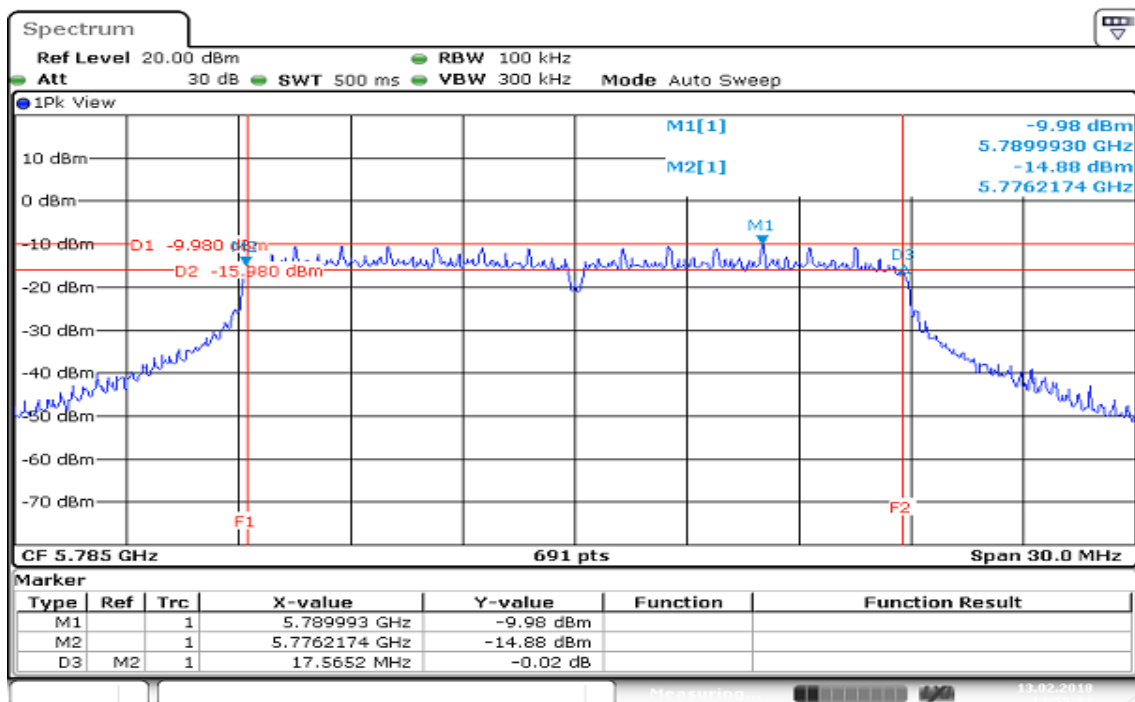
CH High



Date: 13.FEB.2018 14:28:44

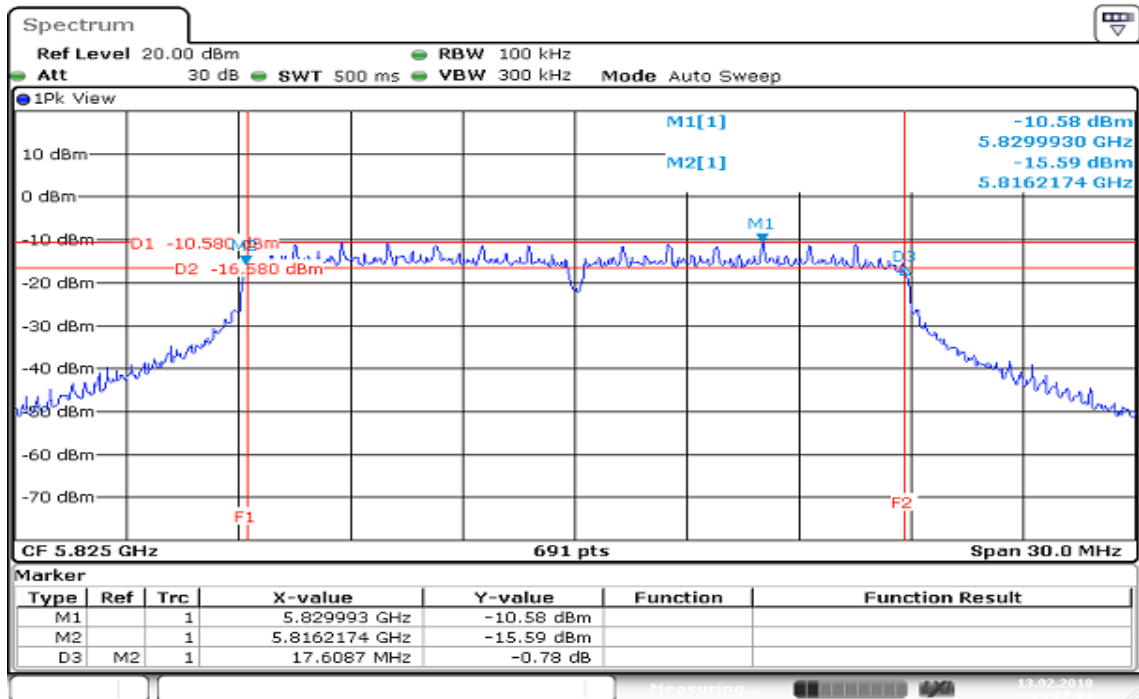
IEEE 802.11n 20 MHz mode / 5745 ~ 5825MHz / Chain 1**CH Low**

Date: 13.FEB 2018 14:35:01

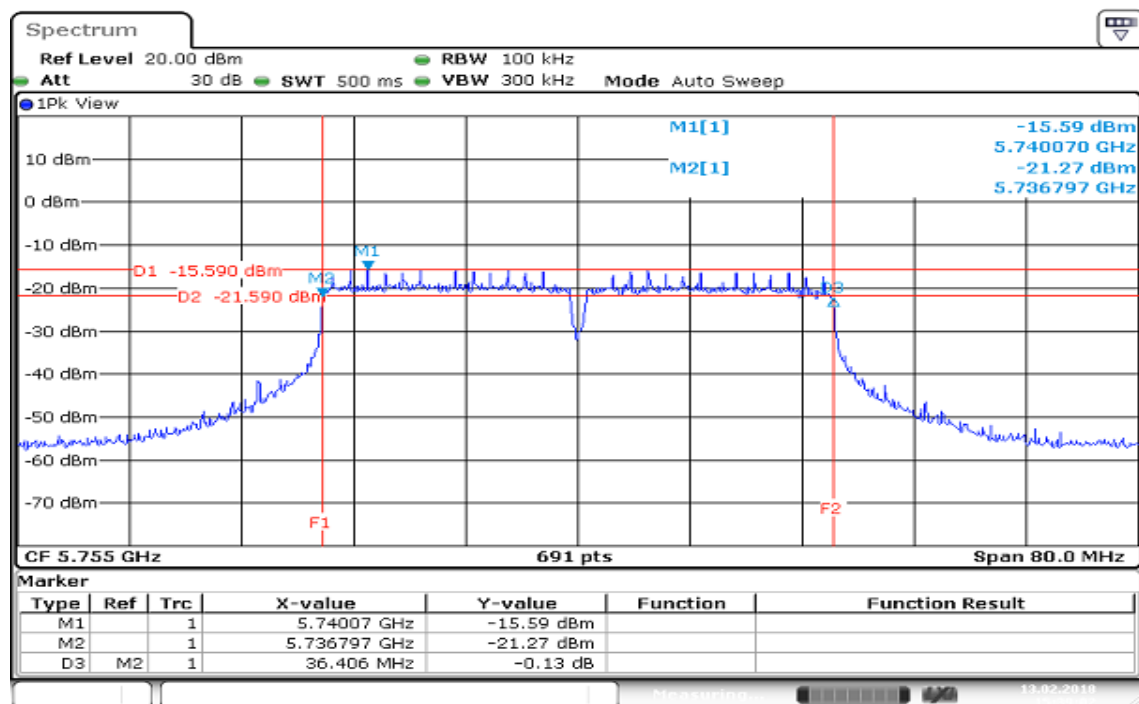
CH Mid

Date: 13.FEB 2018 14:55:07

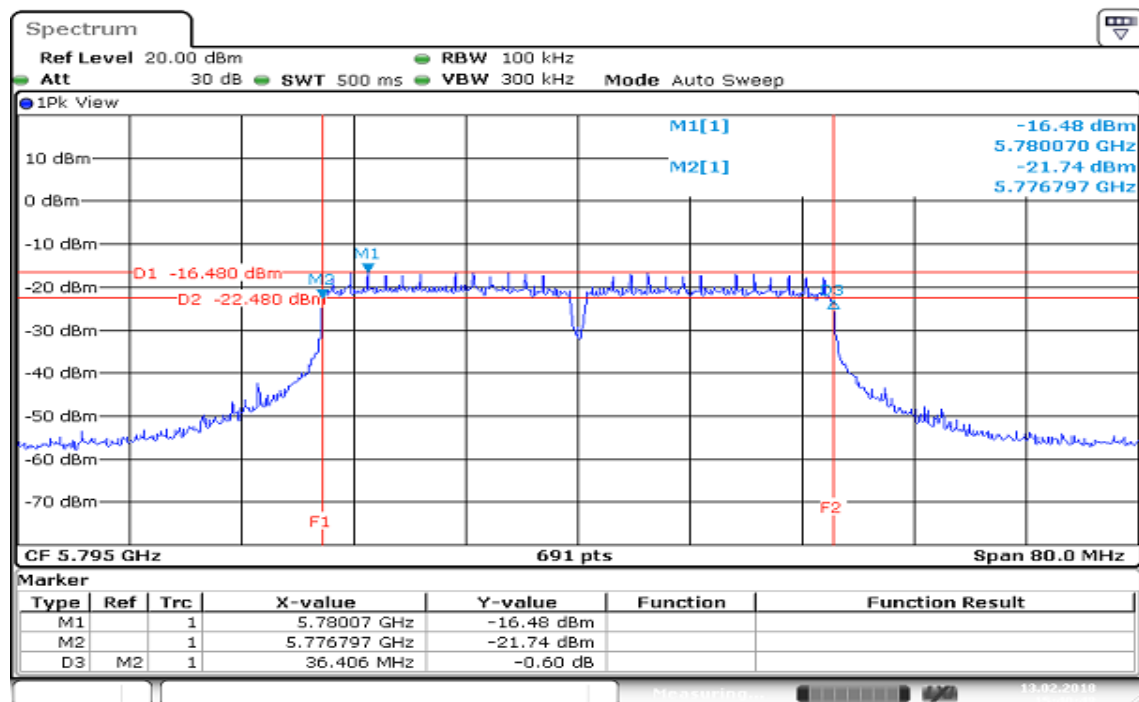
CH High



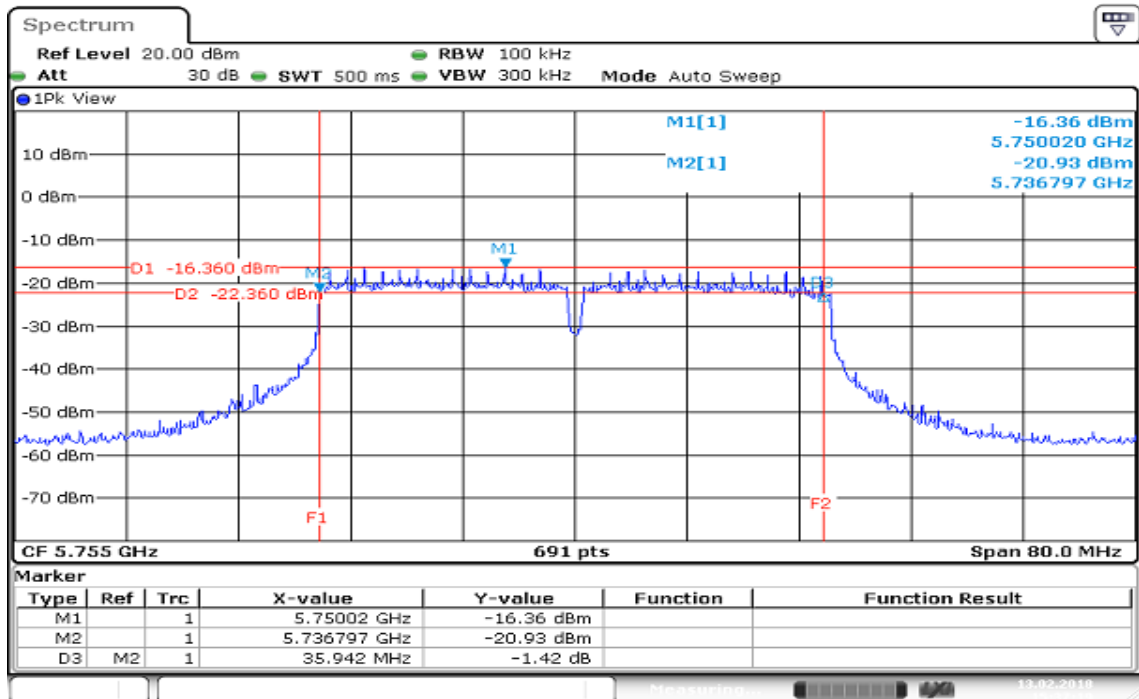
Date: 13.FEB.2018 14:27:02

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

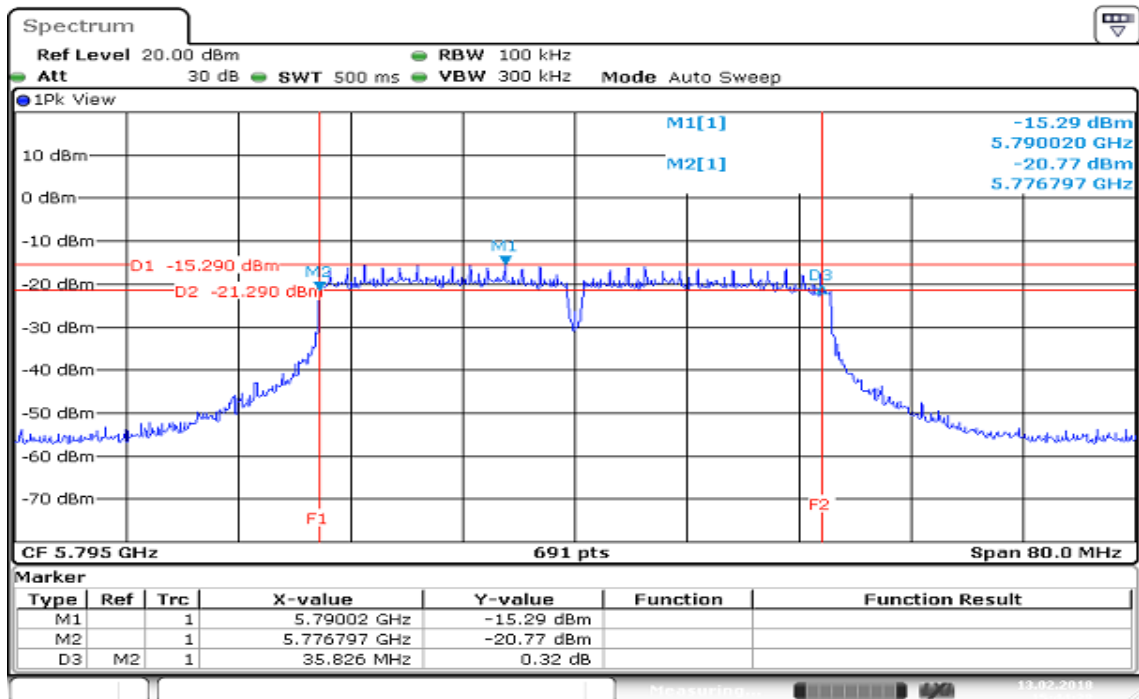
Date: 13.FEB 2018 15:39:02

CH High

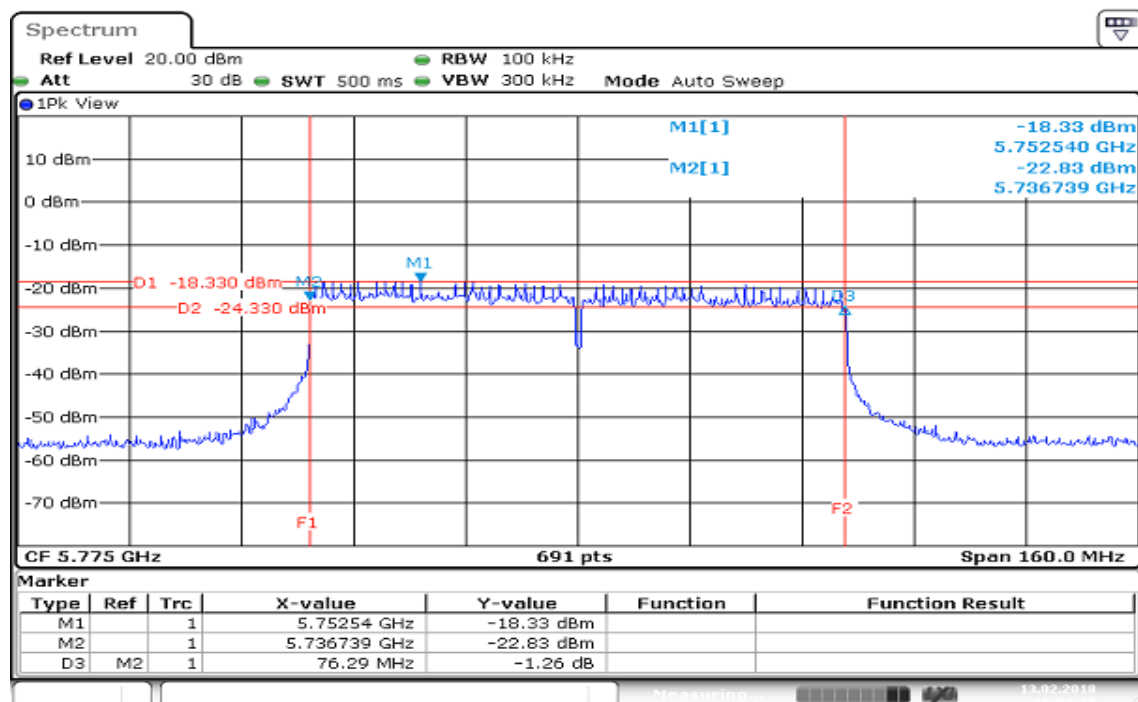
Date: 13.FEB 2018 15:40:49

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

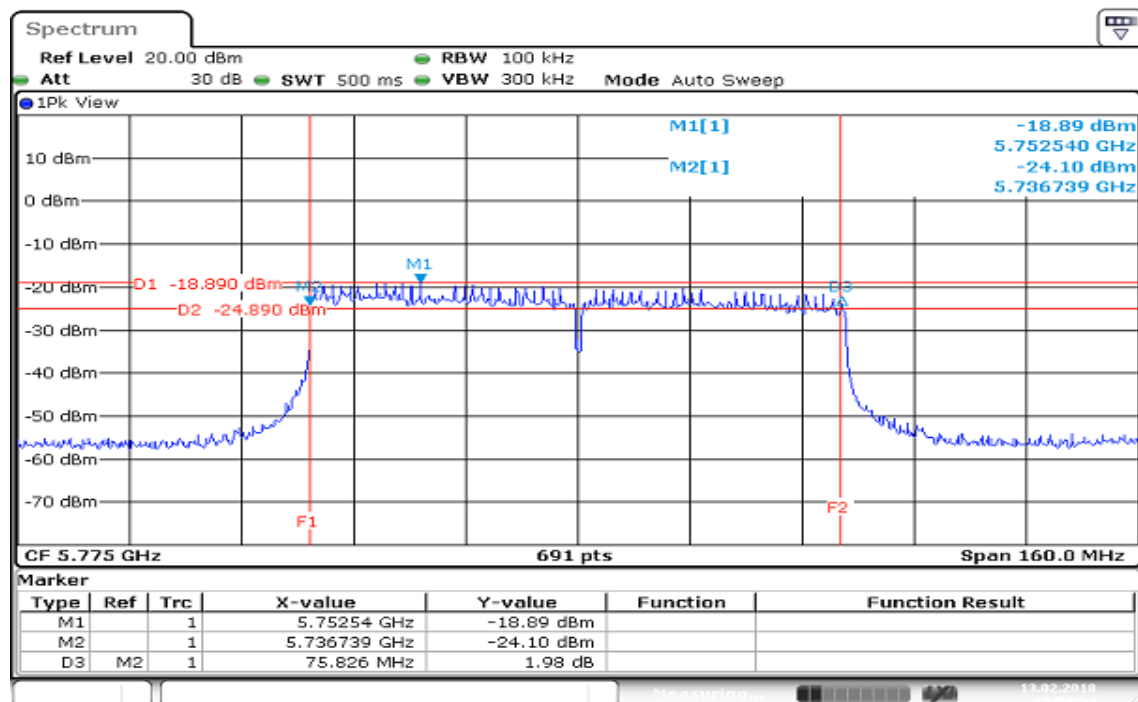
Date: 13.FEB 2018 15:37:20

CH High

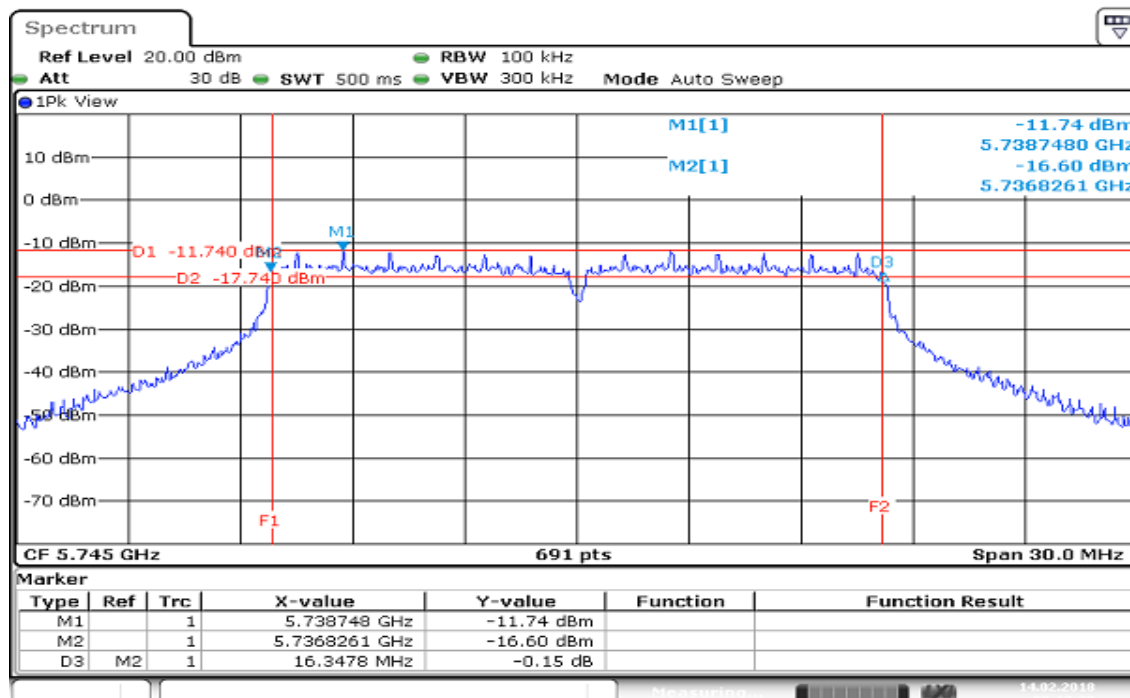
Date: 13.FEB 2018 15:44:28

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

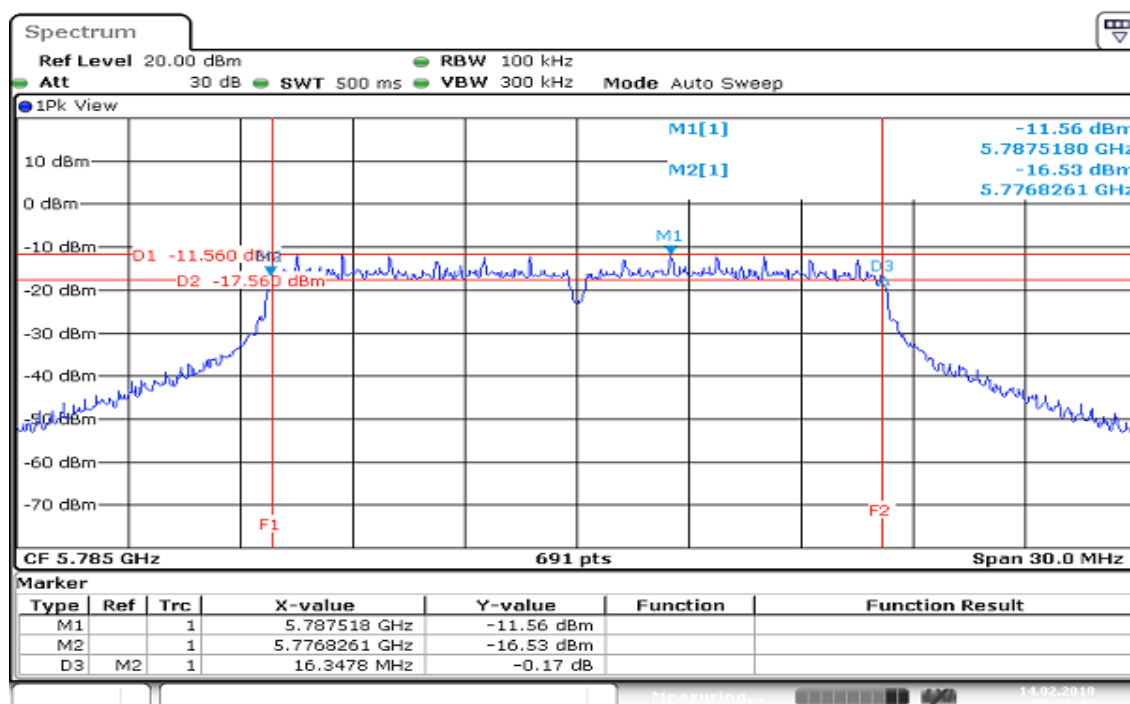
Date: 13.FEB.2018 16:01:26

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

Date: 13.FEB.2018 15:58:55

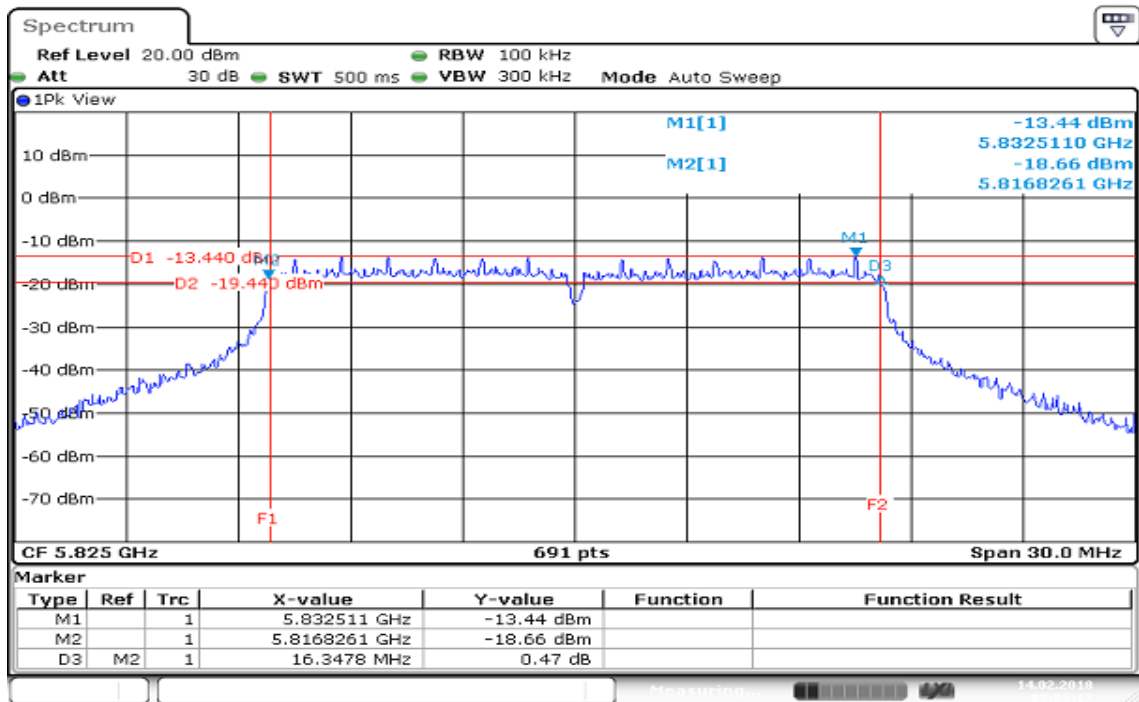
For 3TX:**IEEE 802.11a mode / 5745 ~ 5825MHz / Chain 0****CH Low**

Date: 14.FEB 2018 08:12:21

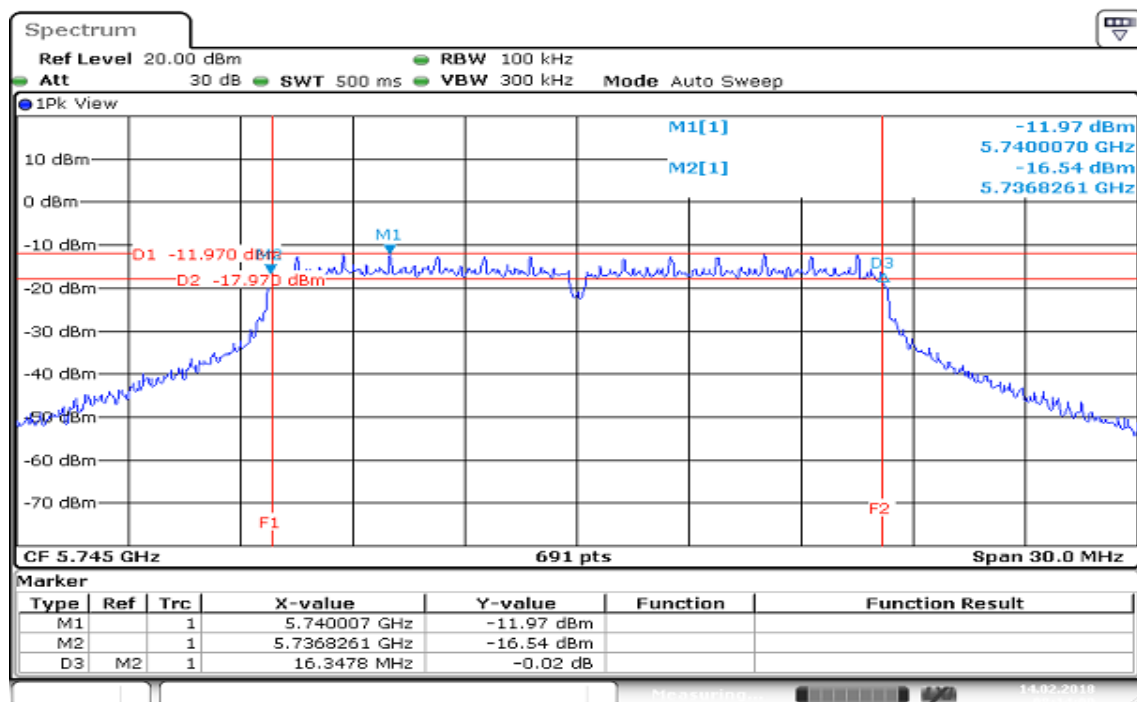
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Date: 14.FEB 2018 08:21:44

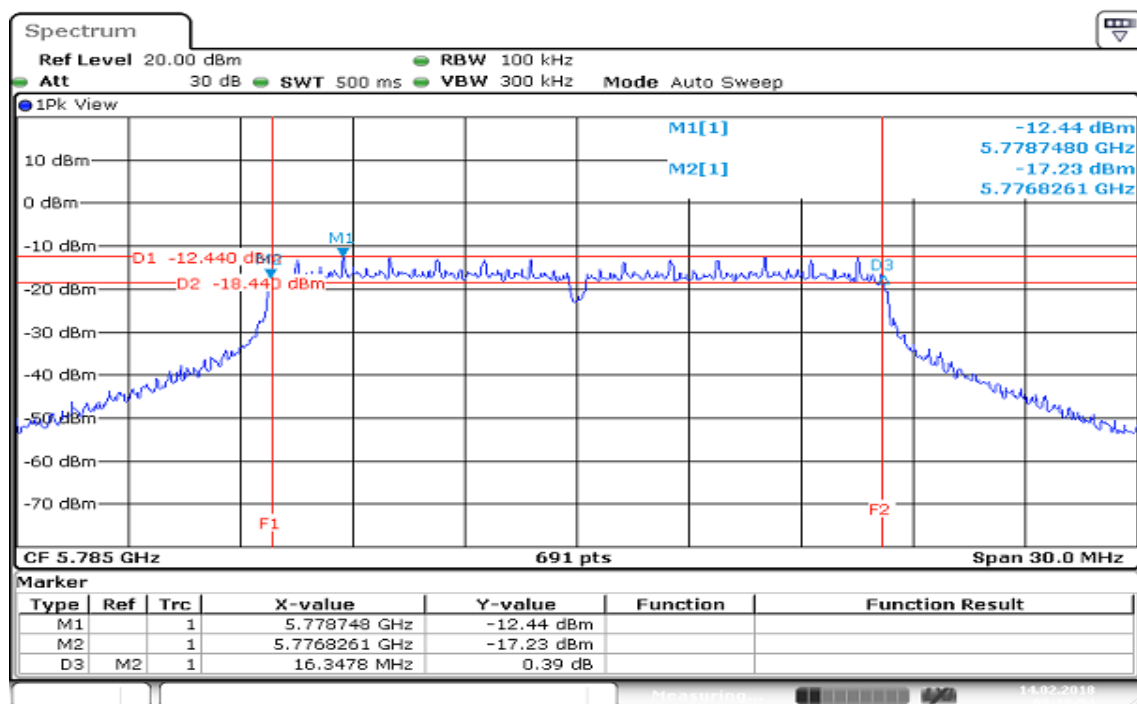
CH High



Date: 14 FEB 2018 08:23:16

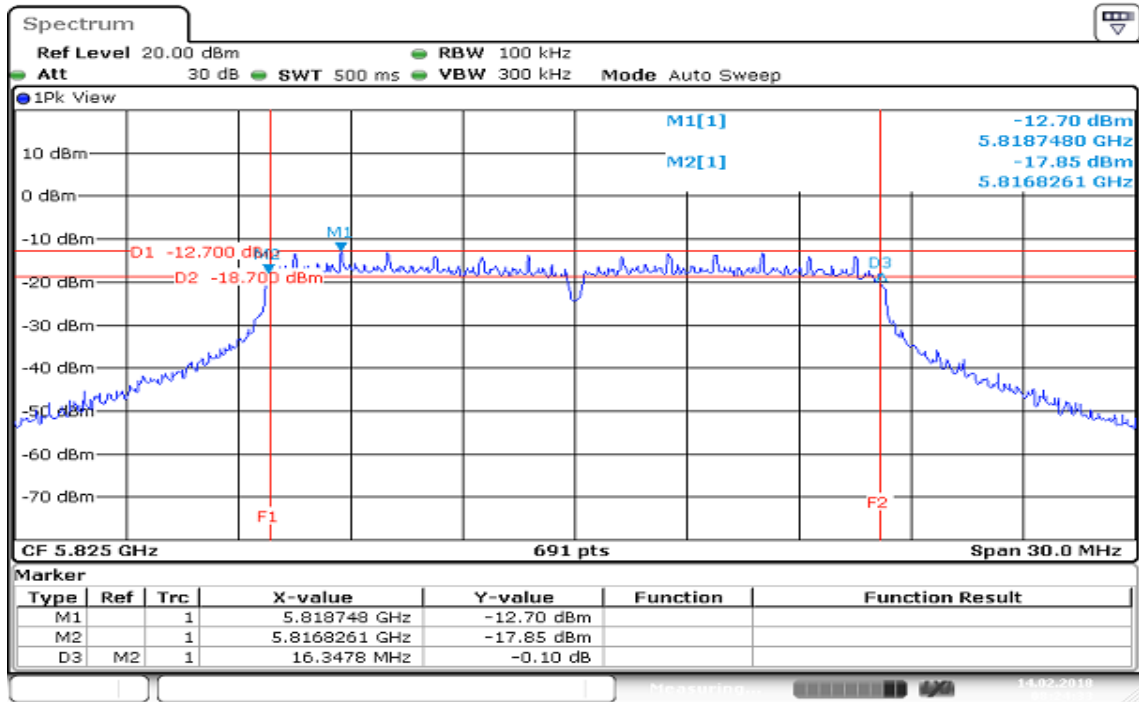
IEEE 802.11a mode / 5745 ~ 5825MHz / Chain 1**CH Low**

Date: 14.FEB 2018 08:14:01

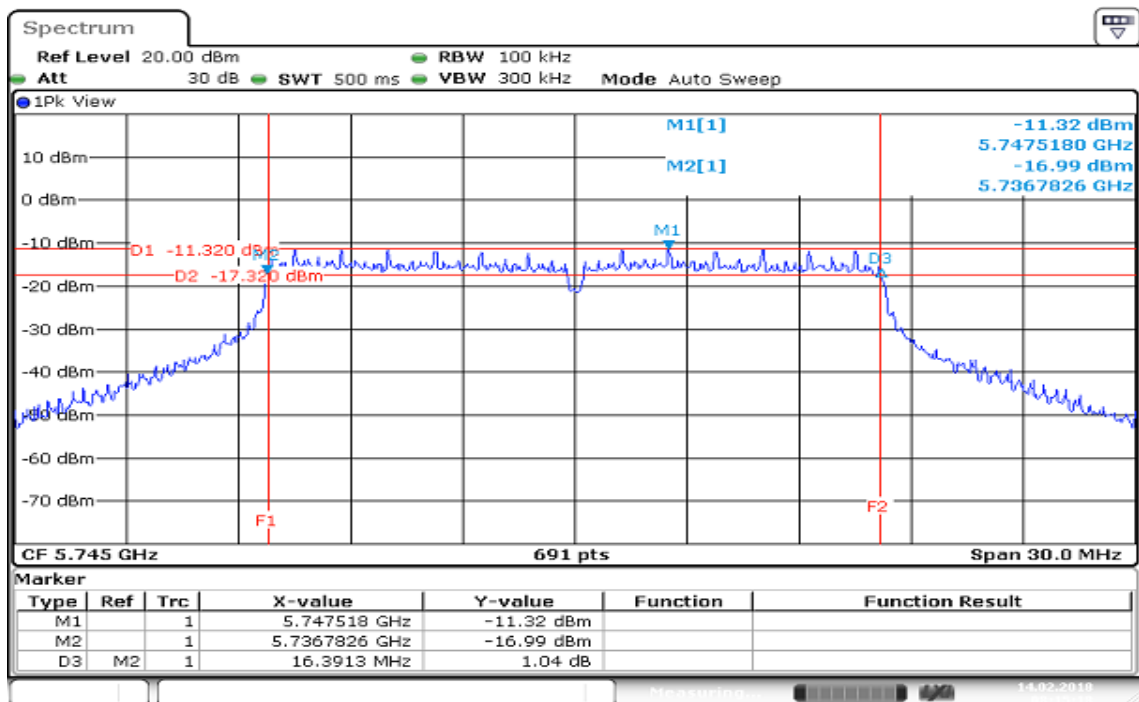
CH Mid

Date: 14.FEB 2018 08:18:55

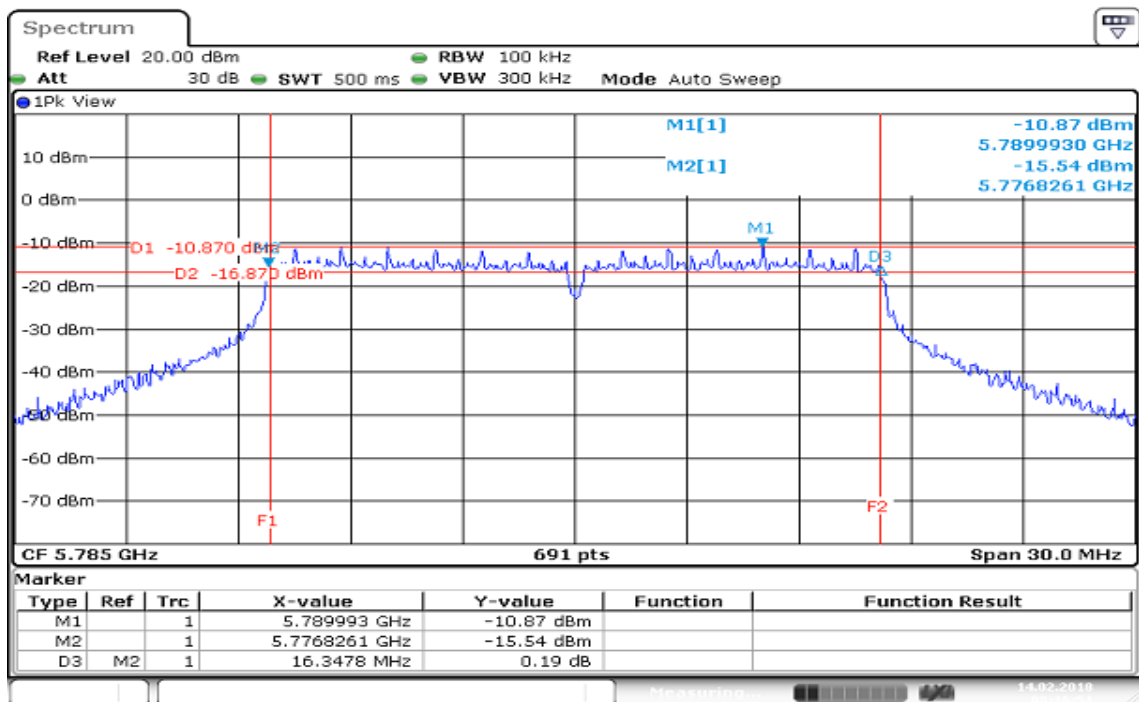
CH High



Date: 14 FEB 2018 08:24:22

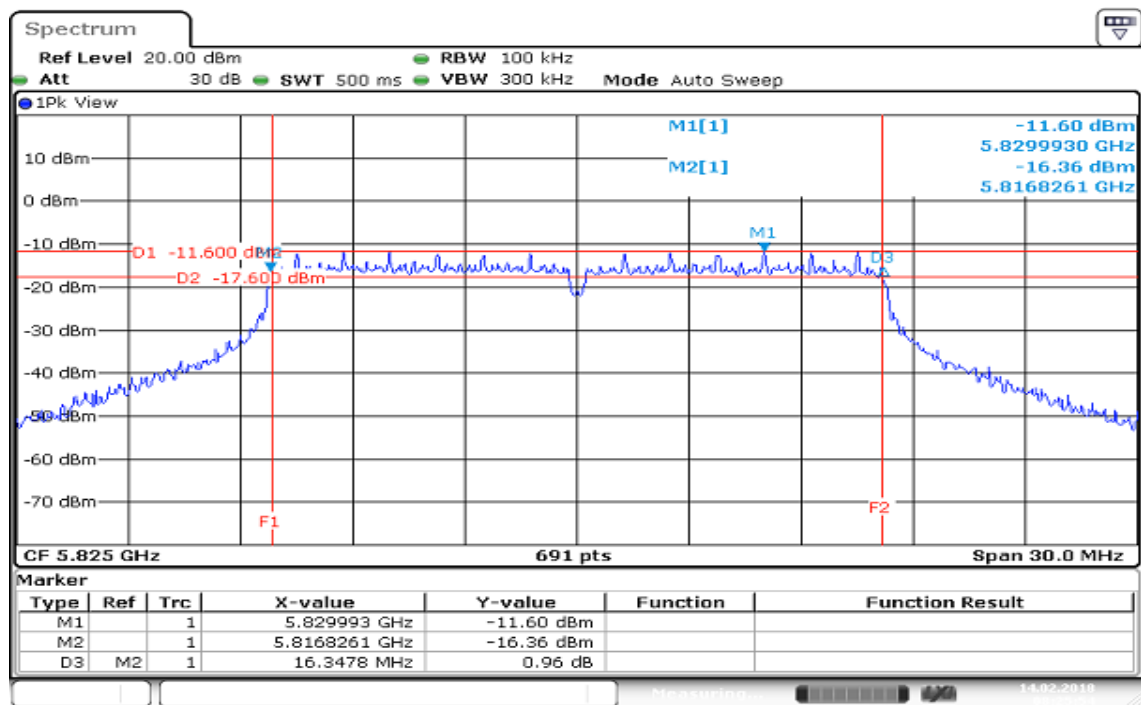
IEEE 802.11a mode / 5745 ~ 5825MHz / Chain 2**CH Low**

Date: 14.FEB 2018 08:15:18

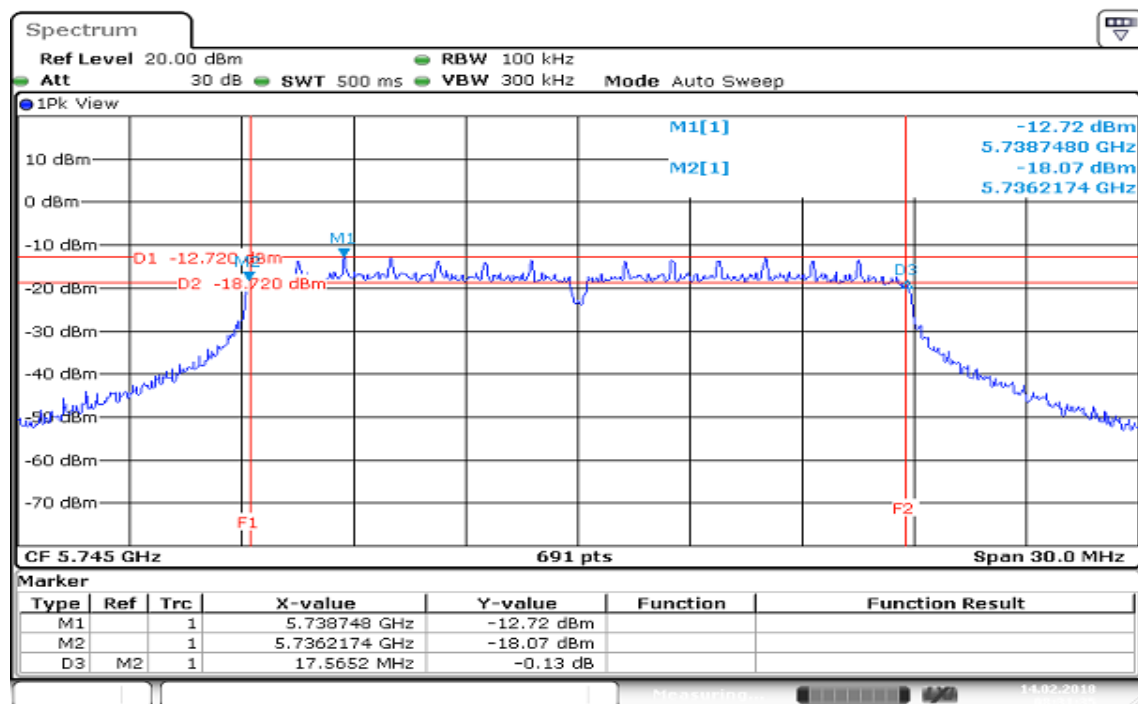
CH Mid

Date: 14.FEB 2018 08:16:51

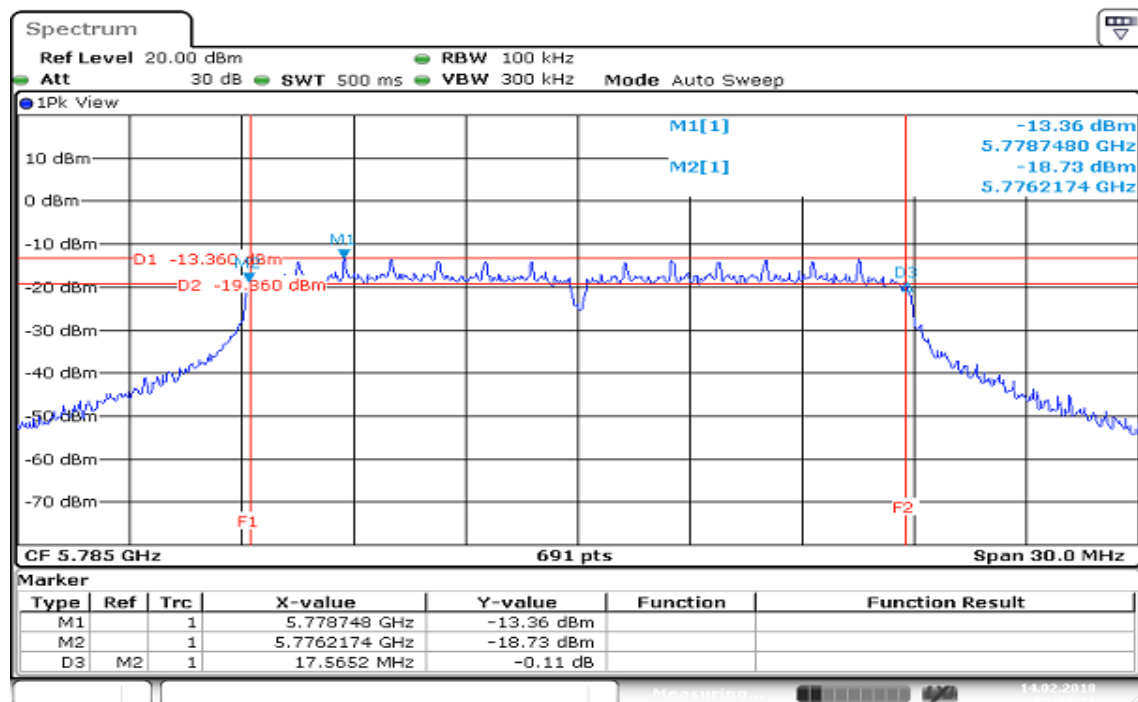
CH High



Date: 14 FEB 2018 08:25:54

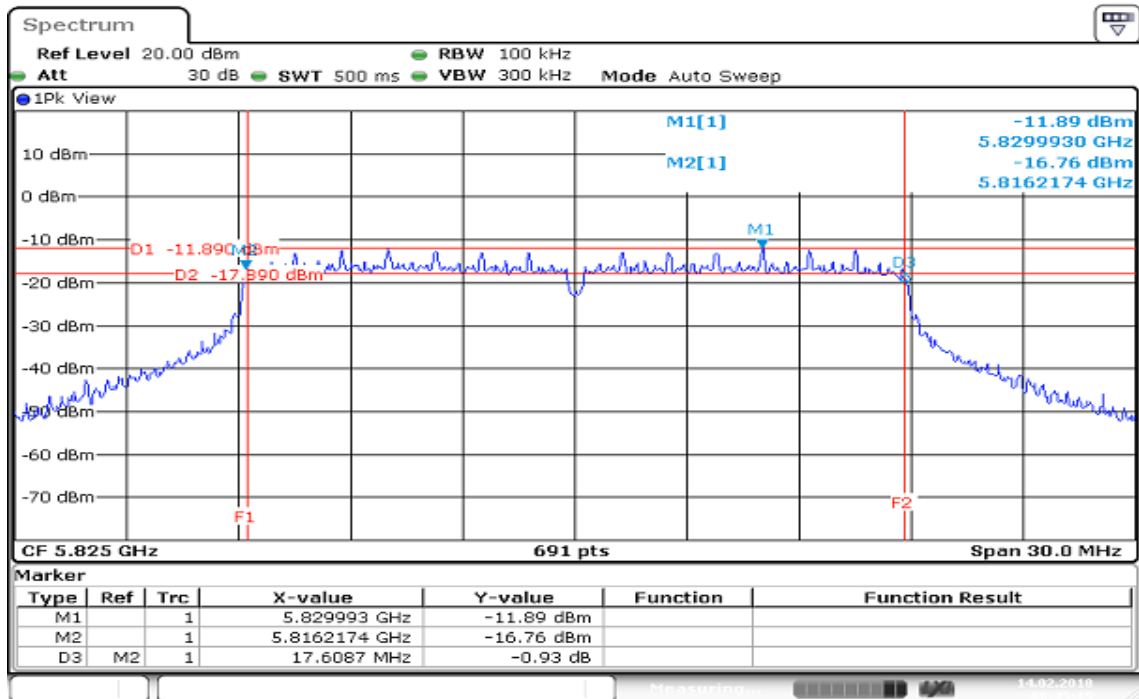
IEEE 802.11n 20 MHz mode / 5745 ~ 5825MHz / Chain 0**CH Low**

Date: 14.FEB 2018 08:31:26

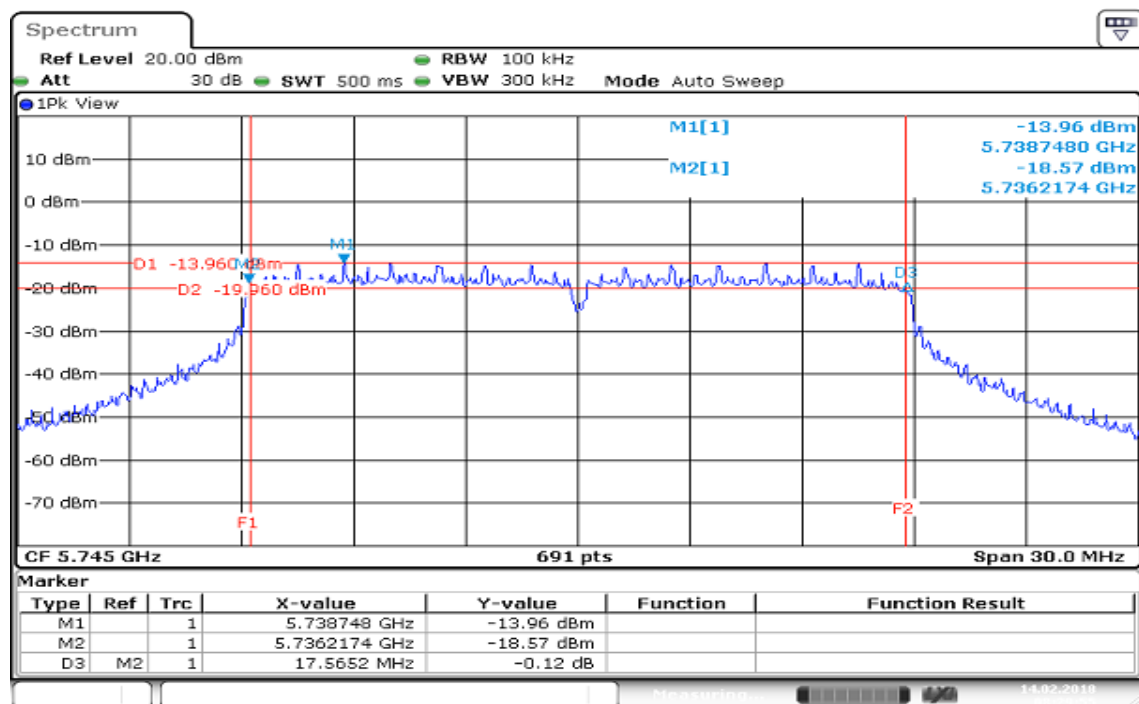
CH Mid

Date: 14.FEB 2018 08:33:21

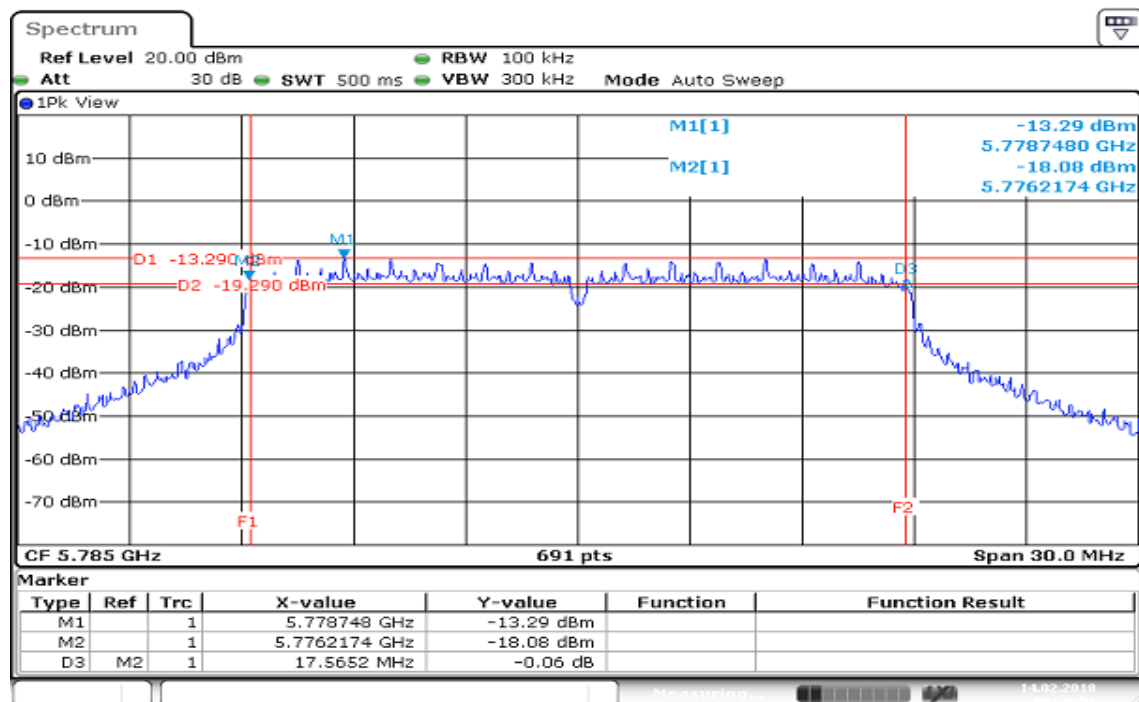
CH High



Date: 14.FEB.2018 08:45:15

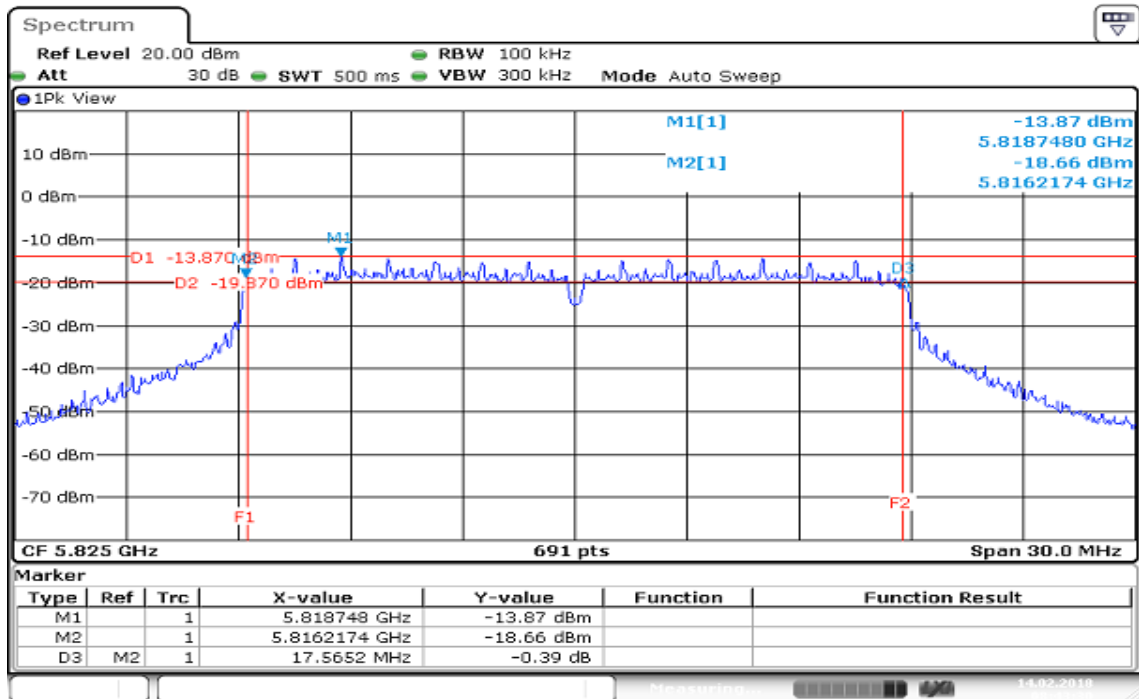
IEEE 802.11n 20 MHz mode / 5745 ~ 5825MHz / Chain 1**CH Low**

Date: 14.FEB 2018 08:29:55

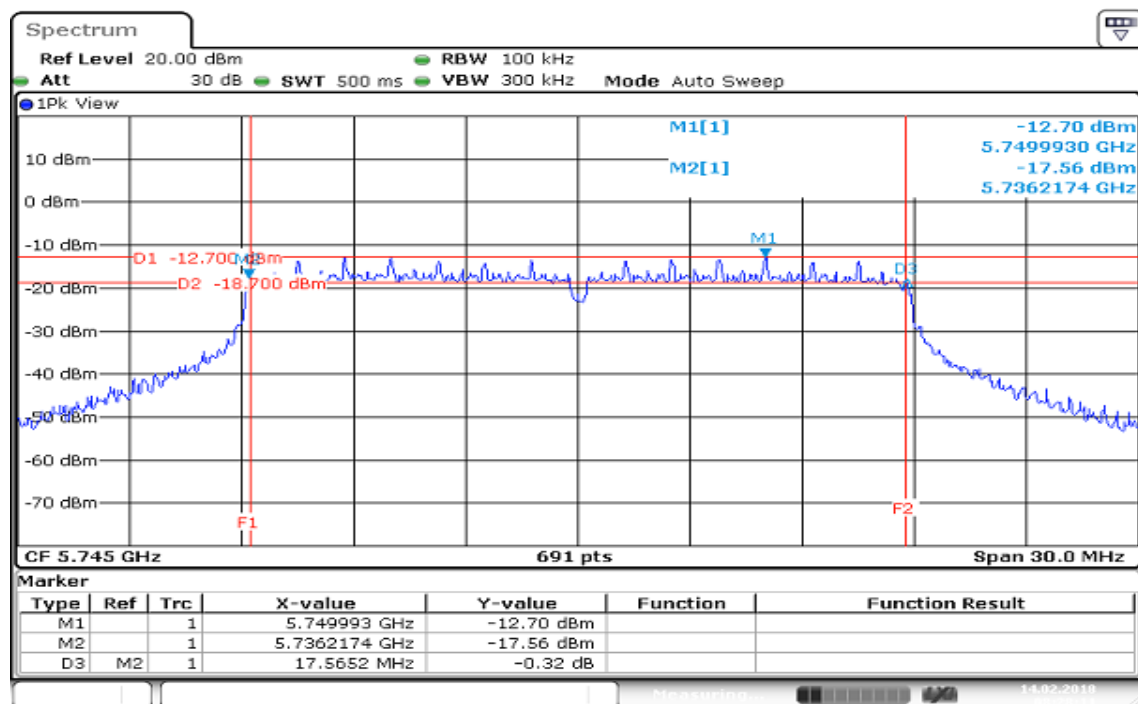
CH Mid

Date: 14.FEB 2018 08:36:51

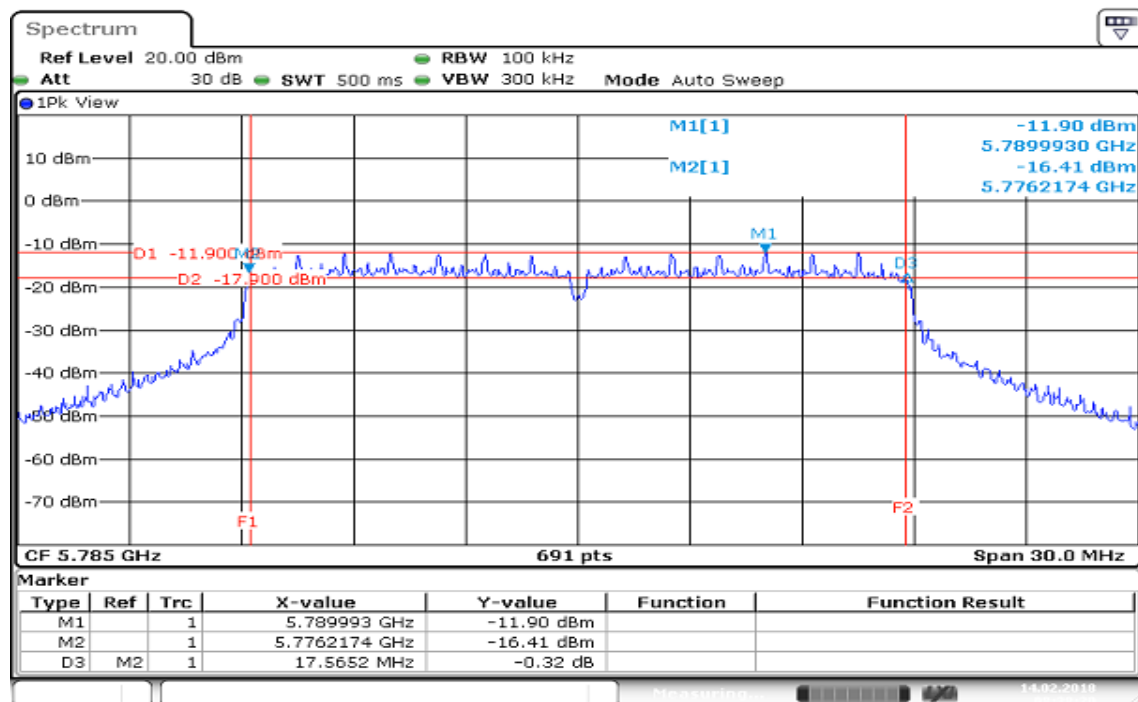
CH High



Date: 14.FEB.2018 08:43:30

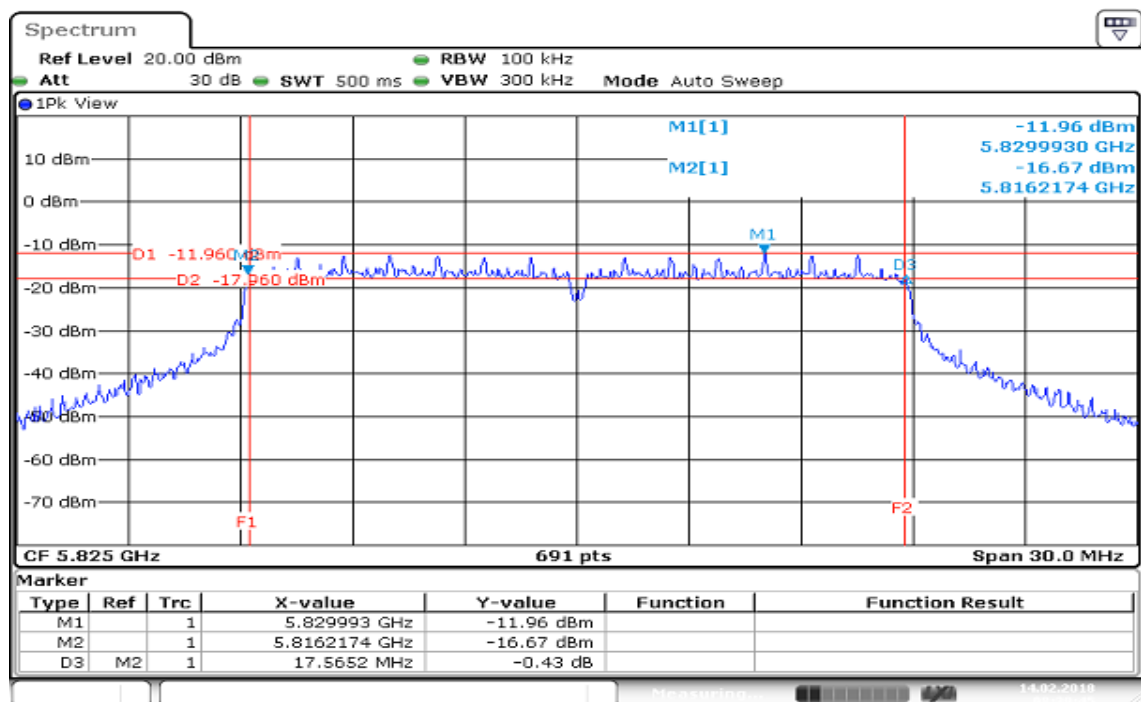
IEEE 802.11n 20 MHz mode / 5745 ~ 5825MHz / Chain 2**CH Low**

Date: 14.FEB 2018 08:28:11

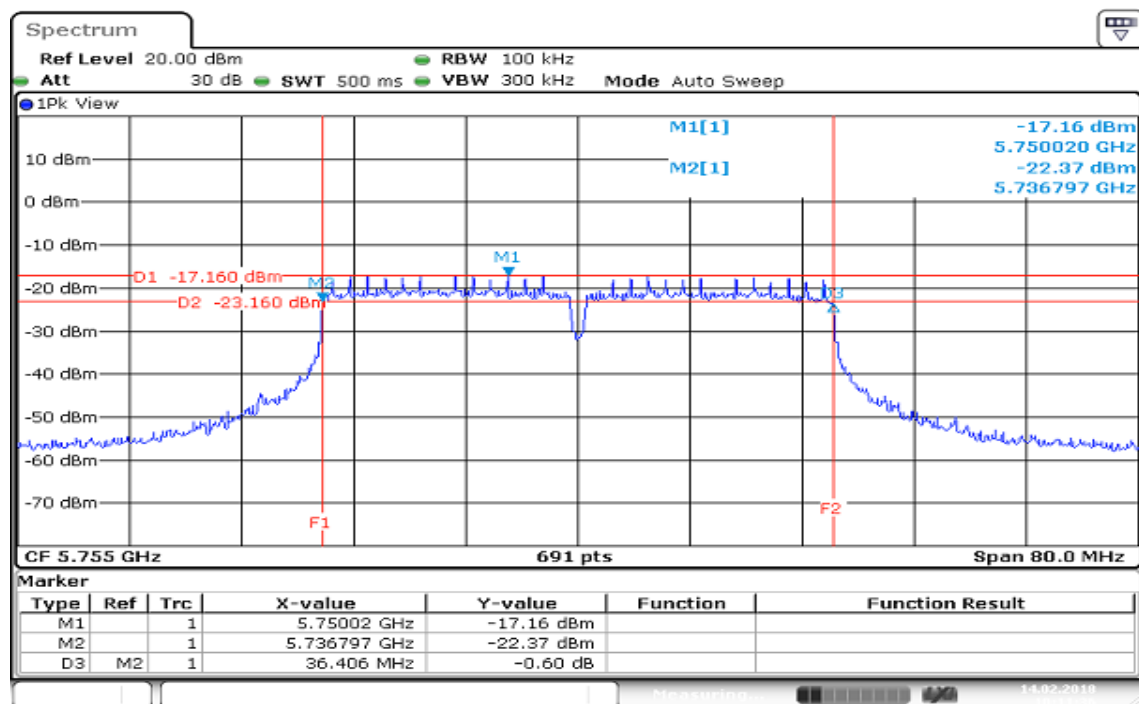
CH Mid

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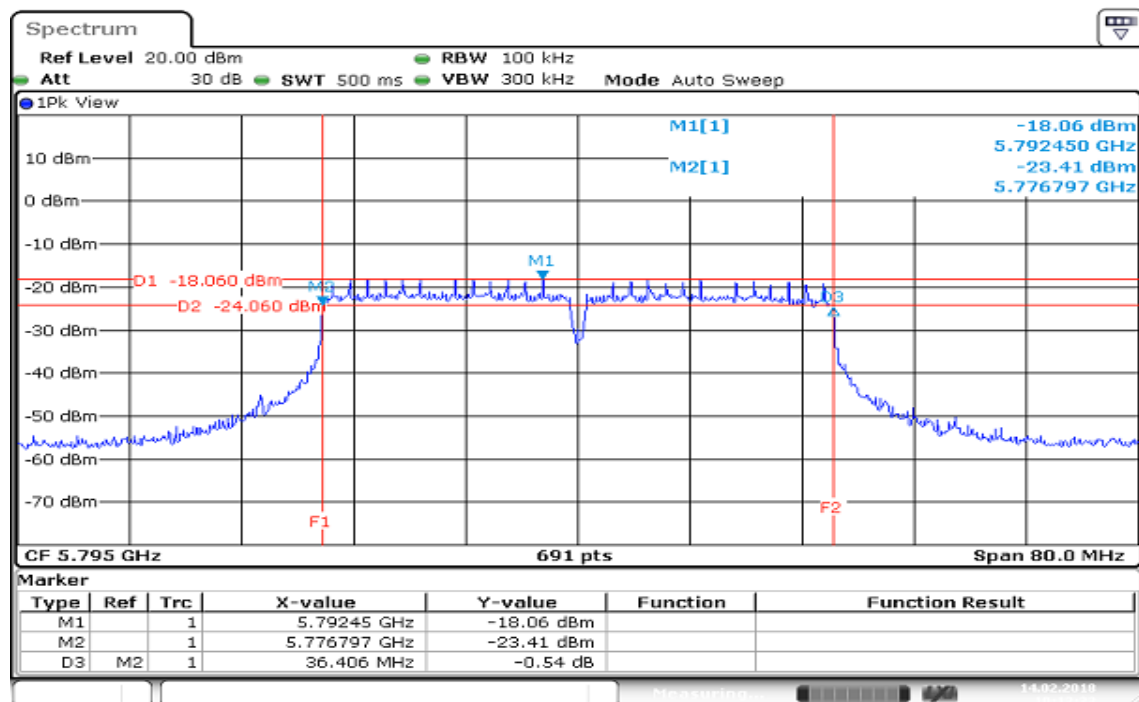
CH High



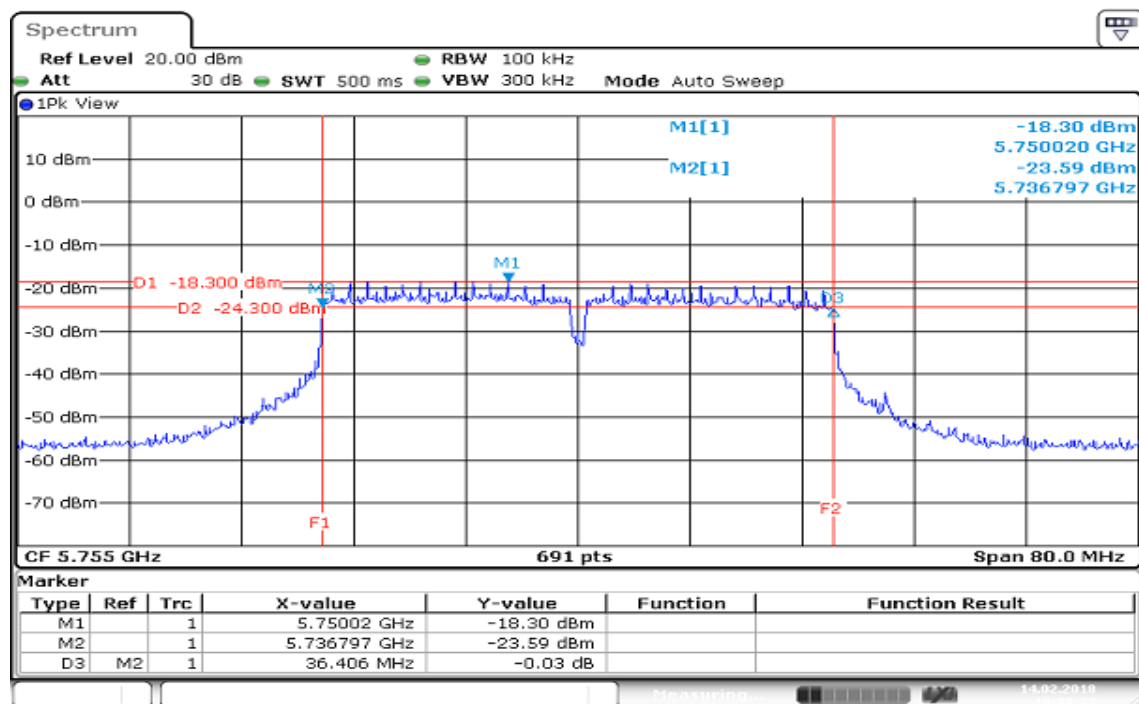
Date: 14.FEB.2018 08:39:45

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

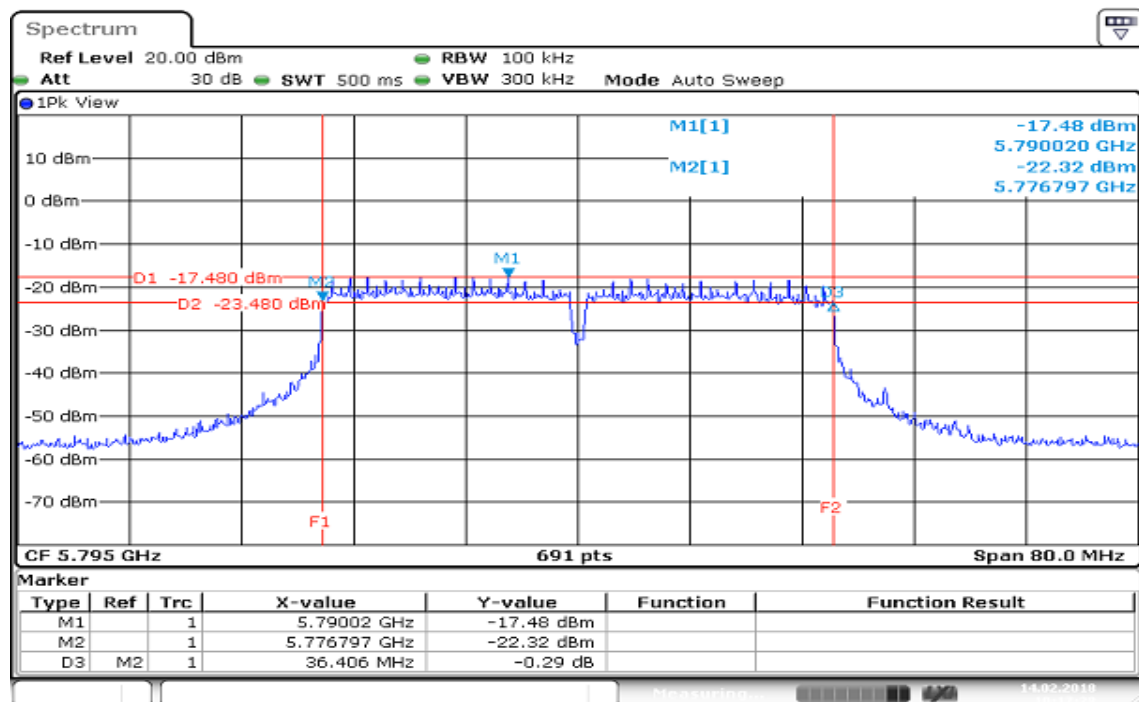
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CH High

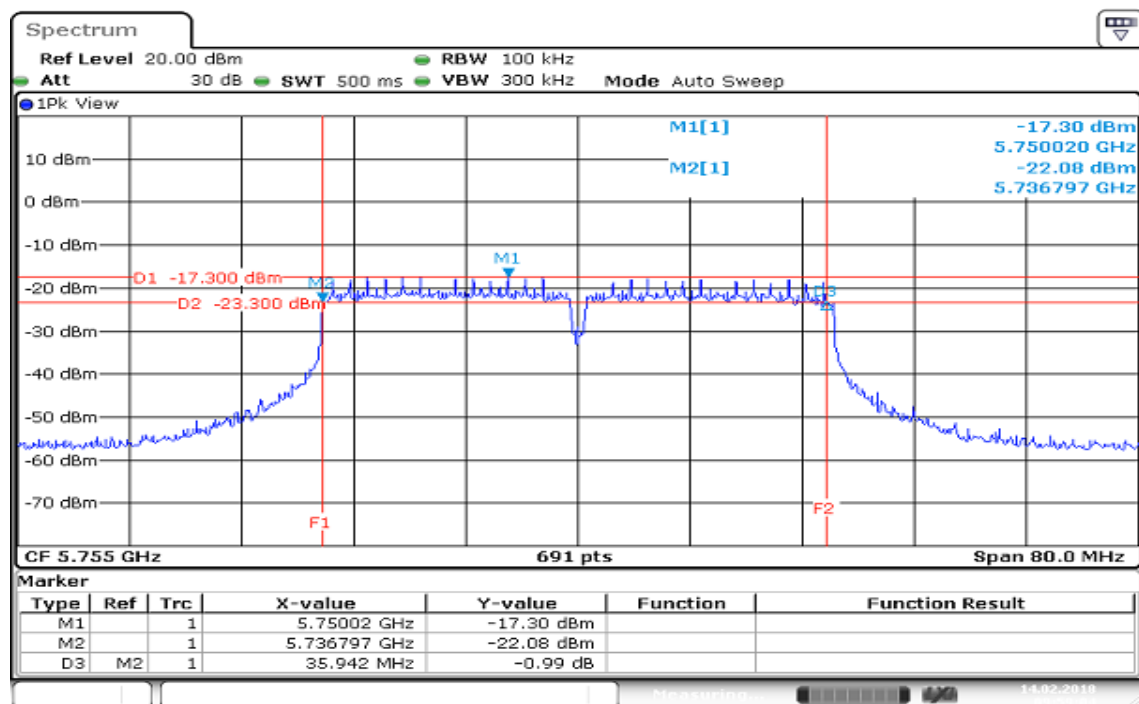
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IEEE 802.11n 40 MHz mode / 5755 ~ 5795MHz / Chain 1**CH Low**

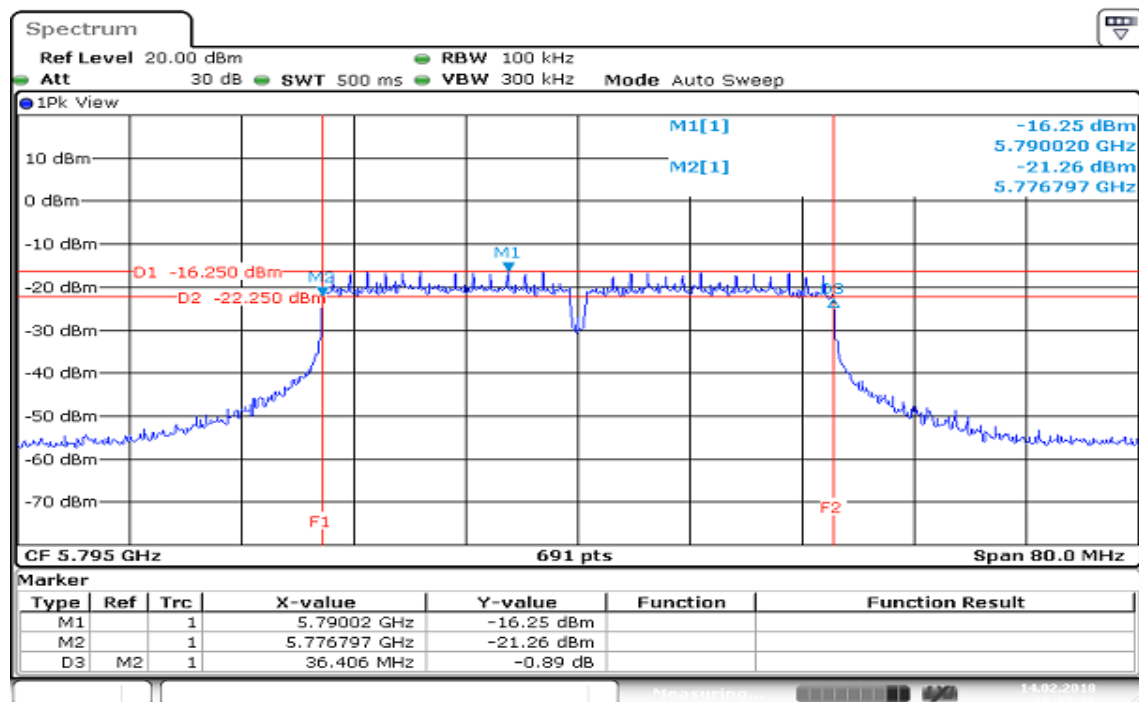
Date: 14.FEB 2018 10:08:23

CH High

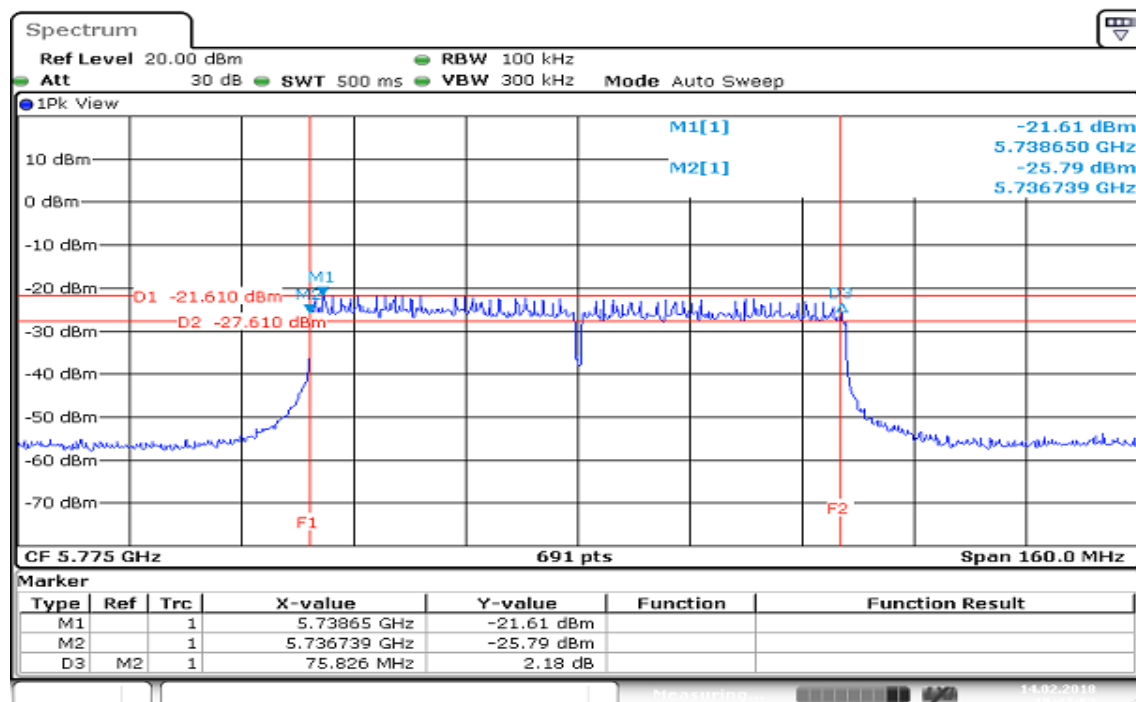
Date: 14.FEB 2018 10:17:29

IEEE 802.11n 40 MHz mode / 5755 ~ 5795MHz / Chain 2**CH Low**

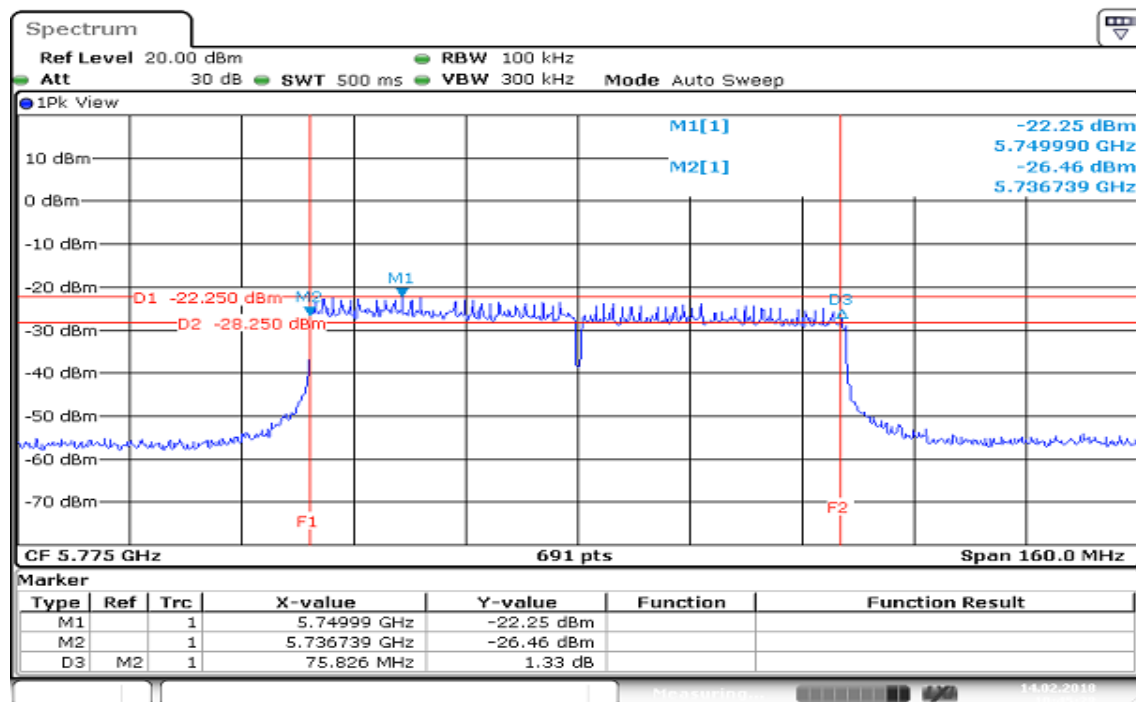
Date: 14.FEB 2018 09:59:04

CH High

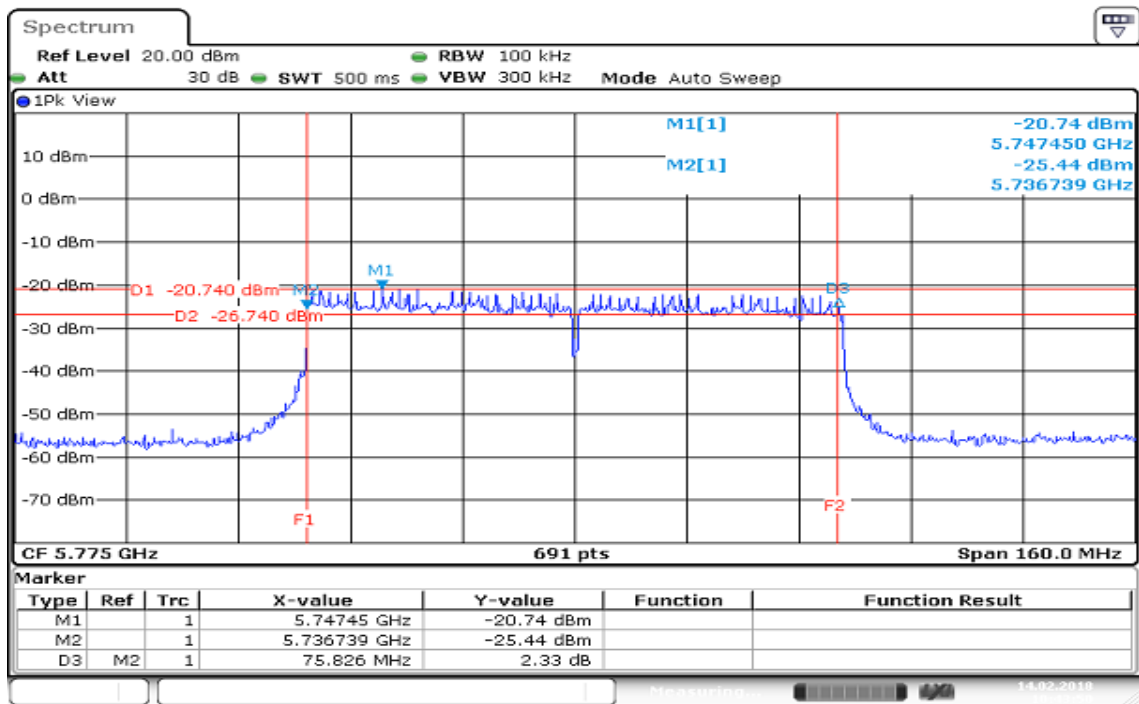
Date: 14.FEB 2018 10:19:16

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

Date: 14.FEB 2018 10:47:54

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

Date: 14.FEB 2018 10:45:29

IEEE 802.11ac VHT 80 MHz mode / 5775MHz / Chain 2**CH Mid**

Date: 14.FEB.2018 10:43:51

9 輸出功率之量測

9.1 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, 最大傳導輸出功率應小於或等於 1W。

4.7.3.1(2): 供室內操作使用, 最大傳導輸出功率應小於或等於 1W。

4.7.3.1(3): 供固定式點對點操作使用, 最大傳導輸出功率應小於或等於 1W。

4.7.3.1(4): 供用戶端裝置(Client Device)操作使用, 最大傳導輸出功率應小於或等於 250mW, 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(1): 最大傳導輸出功率應小於或等於 250mW 或 11dBm_{-10logB} (B=26dB 發射頻寬, 單位 MH)之較小者, 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。

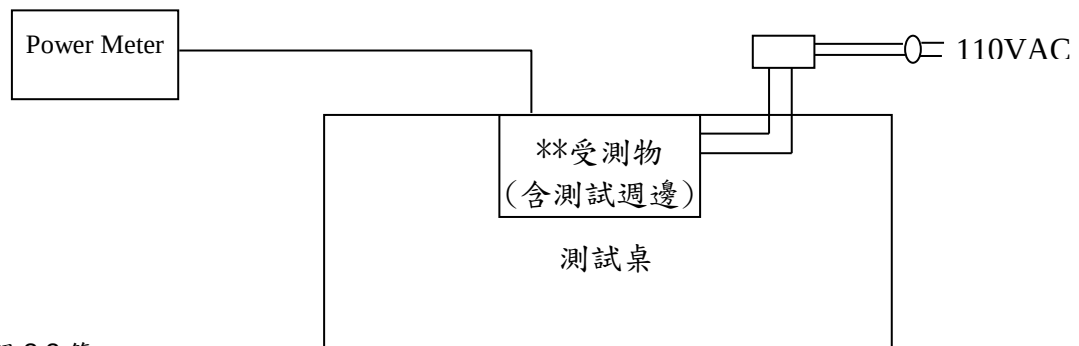
使用頻率於 5.725 GHz~5.850 GHz 頻段

4.7.3.3(1): 最大傳導輸出功率應小於或等於 1 W。

9.2 測試方法

The transmitter output is connected to the Power Meter. The Power Meter is set to the peak power detection.

9.3 測試配置



註: **請參照 3.2 節

9.4 輸出功率之量測結果

For 1TX:

Band I

Test mode: IEEE 802.11a mode / 5180 ~ 5240MHz

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)	Total Maximum Conducted Output Power (dBm)	Limit (dBm)
Low	5180	13.94	13.62	13.61	*18.50	24
Mid	5220	13.90	13.53	13.57	18.44	24
High	5240	13.81	13.45	13.48	18.35	24

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)	Total Maximum Conducted Output Power (dBm)	Limit (dBm)
Low	5180	14.09	14.90	13.99	19.12	24
Mid	5220	14.19	14.78	14.97	*19.43	24
High	5240	14.14	14.68	15.05	19.41	24

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)	Total Maximum Conducted Output Power (dBm)	Limit (dBm)
Low	5190	12.73	13.10	12.94	*17.70	24
High	5230	12.63	12.80	13.01	17.59	24

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)	Total Maximum Conducted Output Power (dBm)	Limit (dBm)
Mid	5210	11.70	11.65	12.03	*16.57	24

Remark:

1. Total Output Power (w) = Chain 0 ($10^{(\text{Output Power}/10)/1000}$) + Chain 1 ($10^{(\text{Output Power}/10)/1000}$) + Chain 2 ($10^{(\text{Output Power}/10)/1000}$)

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)	Output Power (dBm)	Limit (dBm)
Low	5745	14.82	14.75	14.67	*19.52	24
Mid	5785	14.85	14.67	14.63	19.49	24
High	5825	14.95	14.51	14.84	19.54	24

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)	Output Power (dBm)	Limit (dBm)
Low	5745	14.94	14.88	14.97	*19.70	24
Mid	5785	14.97	14.48	14.82	19.53	24
High	5825	15.10	14.74	14.85	19.67	24

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)	Output Power (dBm)	Limit (dBm)
Low	5755	12.85	12.67	12.71	17.52	24
High	5795	12.76	12.84	12.95	*17.62	24

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)	Output Power (dBm)	Limit (dBm)
Mid	5775	11.60	11.69	11.73	*16.44	24

Remark:

1. Total Output Power (w) = Chain 0 ($10^{(\text{Output Power} / 10) / 1000}$) + Chain 1 ($10^{(\text{Output Power} / 10) / 1000}$) + Chain 2 ($10^{(\text{Output Power} / 10) / 1000}$)

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Total Maximum Conducted Output Power (dBm)	Limit (dBm)
Low	5180	11.75	11.29	14.54	30
Mid	5220	11.70	11.66	*14.69	30
High	5240	11.64	11.61	14.64	30

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Total Maximum Conducted Output Power (dBm)	Limit (dBm)
Low	5180	12.09	11.78	*14.95	30
Mid	5220	11.83	11.16	14.52	30
High	5240	11.81	11.19	14.52	30

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Total Maximum Conducted Output Power (dBm)	Limit (dBm)
Low	5190	9.83	9.03	12.46	30
High	5230	9.84	9.20	*12.54	30

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Total Maximum Conducted Output Power (dBm)	Limit (dBm)
Mid	5210	7.91	7.80	*10.87	30

Remark:

1. Total Output Power (w) = Chain 0 ($10^{(\text{Output Power}/10)/1000}$) + Chain 1 ($10^{(\text{Output Power}/10)/1000}$) + Chain 2 ($10^{(\text{Output Power}/10)/1000}$)

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Output Power (dBm)	Limit (dBm)
Low	5745	12.07	11.11	*14.63	24
Mid	5785	11.93	11.05	14.52	24
High	5825	11.52	11.24	14.39	24

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Output Power (dBm)	Limit (dBm)
Low	5745	12.52	11.31	*14.97	24
Mid	5785	12.28	11.40	14.87	24
High	5825	12.15	11.65	14.92	24

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Output Power (dBm)	Limit (dBm)
Low	5755	9.93	9.06	12.53	24
High	5795	9.88	9.64	*12.77	24

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Output Power (dBm)	Limit (dBm)
Mid	5775	7.93	7.57	*10.77	24

Remark:

1. Total Output Power (w) = Chain 0 ($10^{(\text{Output Power}/10)/1000}$) + Chain 1 ($10^{(\text{Output Power}/10)/1000}$) + Chain 2 ($10^{(\text{Output Power}/10)/1000}$)

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)	Total Maximum Conducted Output Power (dBm)	Limit (dBm)
Low	5180	10.15	9.42	9.54	14.49	30
Mid	5220	10.21	9.61	10.10	14.75	30
High	5240	10.27	9.63	10.22	*14.82	30

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)	Total Maximum Conducted Output Power (dBm)	Limit (dBm)
Low	5180	10.44	9.74	10.07	14.87	30
Mid	5220	10.21	9.75	10.04	14.78	30
High	5240	10.58	9.68	10.06	*14.90	30

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)	Total Maximum Conducted Output Power (dBm)	Limit (dBm)
Low	5190	8.31	7.76	8.02	*12.81	30
High	5230	7.32	7.05	7.23	11.98	30

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)	Total Maximum Conducted Output Power (dBm)	Limit (dBm)
Mid	5210	5.89	5.57	5.85	*10.55	30

Remark:

1. Total Output Power (w) = Chain 0 ($10^{(\text{Output Power}/10)/1000}$) + Chain 1 ($10^{(\text{Output Power}/10)/1000}$) + Chain 2 ($10^{(\text{Output Power}/10)/1000}$)

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)	Output Power (dBm)	Limit (dBm)
Low	5745	10.95	9.57	9.64	*14.87	30
Mid	5785	10.91	9.44	9.75	14.85	30
High	5825	10.54	9.30	9.76	14.67	30

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)	Output Power (dBm)	Limit (dBm)
Low	5745	10.24	9.98	10.10	*14.88	30
Mid	5785	10.19	9.87	9.95	14.78	30
High	5825	10.00	9.57	9.90	14.60	30

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)	Output Power (dBm)	Limit (dBm)
Low	5755	7.56	7.22	7.46	12.19	30
High	5795	7.95	7.33	7.82	*12.48	30

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

Channel	Frequency (MHz)	Chain 0 Output Power (dBm)	Chain 1 Output Power (dBm)	Chain 2 Output Power (dBm)	Output Power (dBm)	Limit (dBm)
Mid	5775	6.10	5.32	5.60	*10.46	30

Remark:

1. Total Output Power (w) = Chain 0 ($10^{(\text{Output Power} / 10) / 1000}$) + Chain 1 ($10^{(\text{Output Power} / 10) / 1000}$) + Chain 2 ($10^{(\text{Output Power} / 10) / 1000}$)