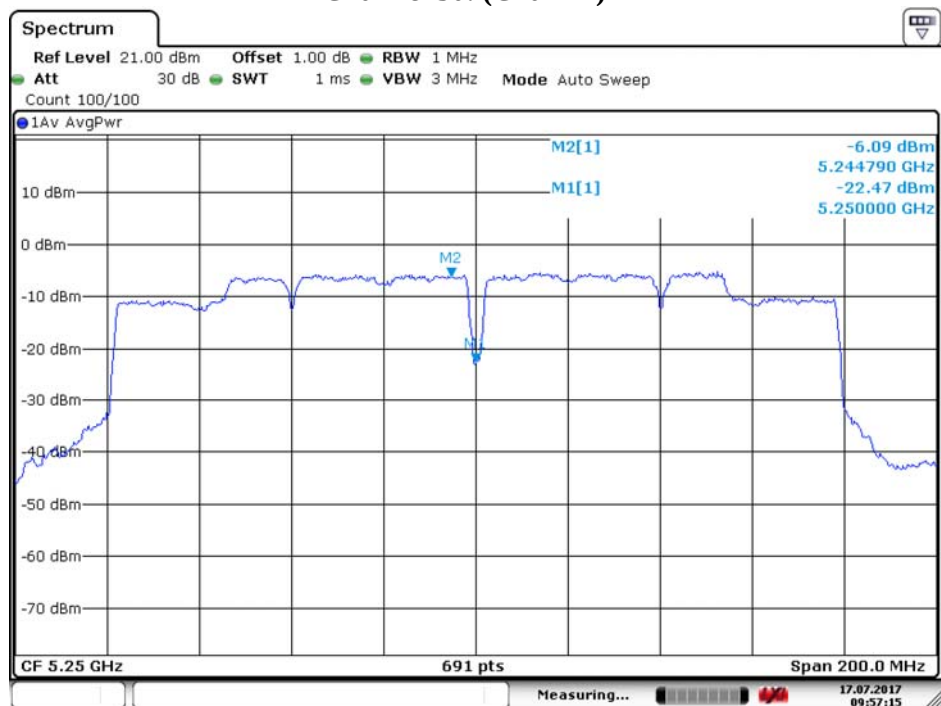
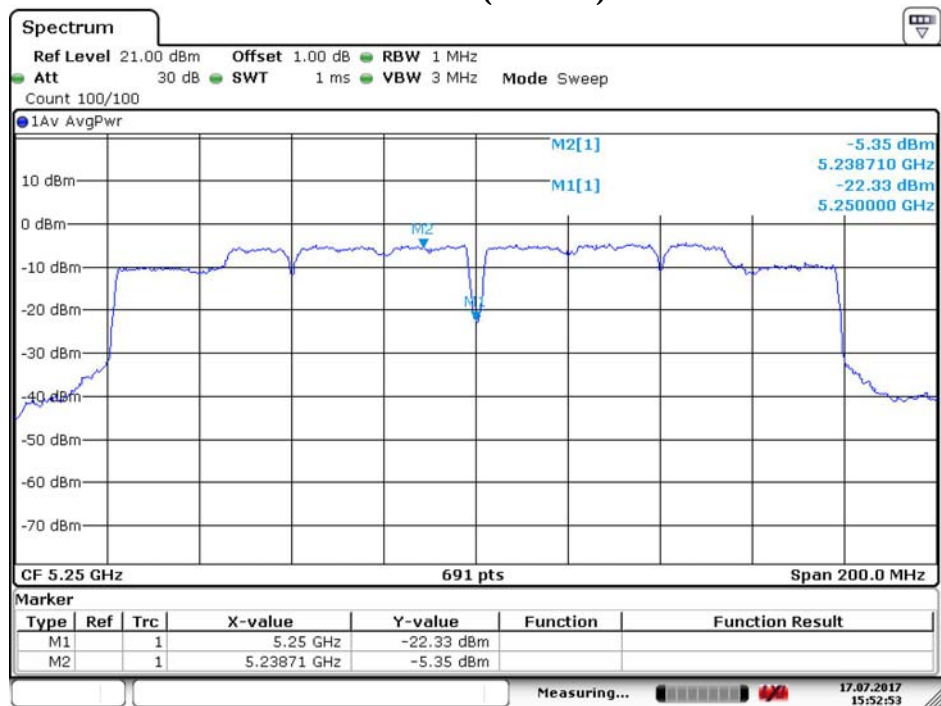


Channel 50: (Chain A)



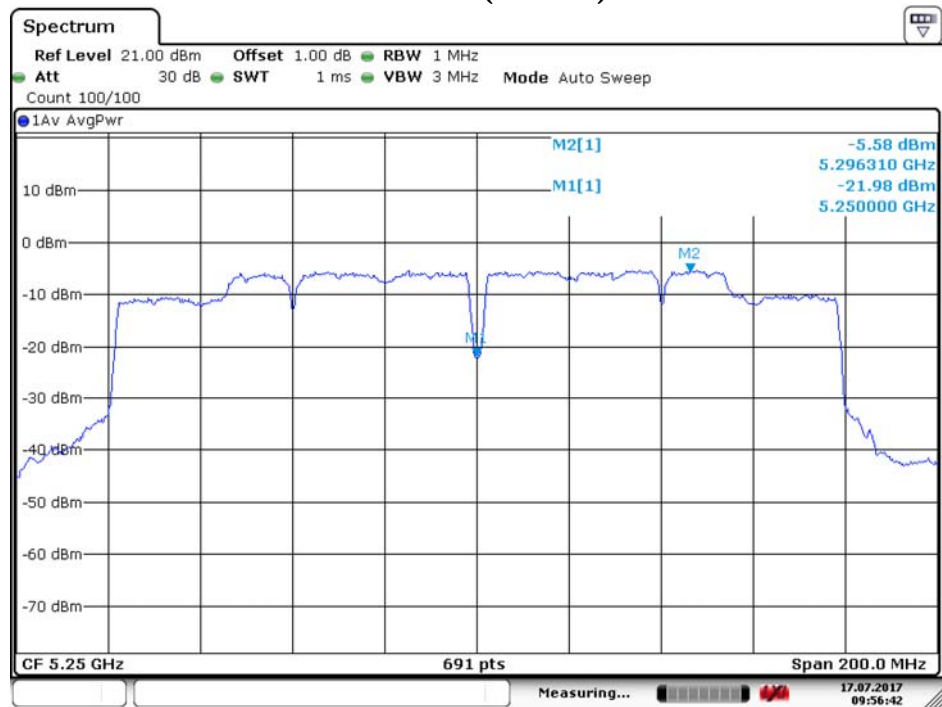
Date: 17.JUL.2017 09:57:15

Channel 14: (Chain B)



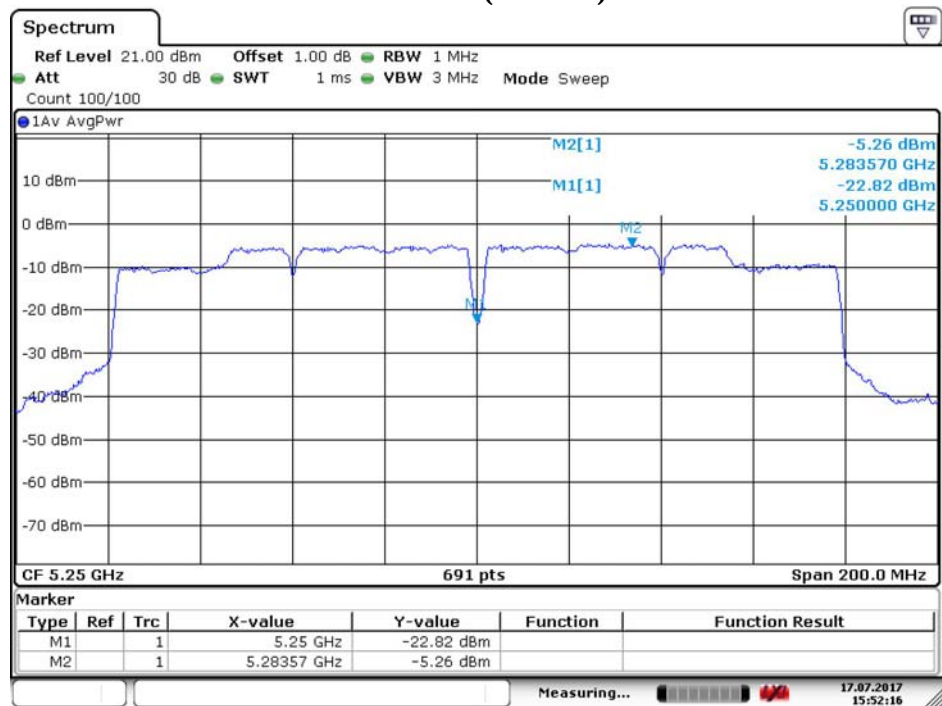
Date: 17.JUL.2017 15:52:53

Channel 50: (Chain A)



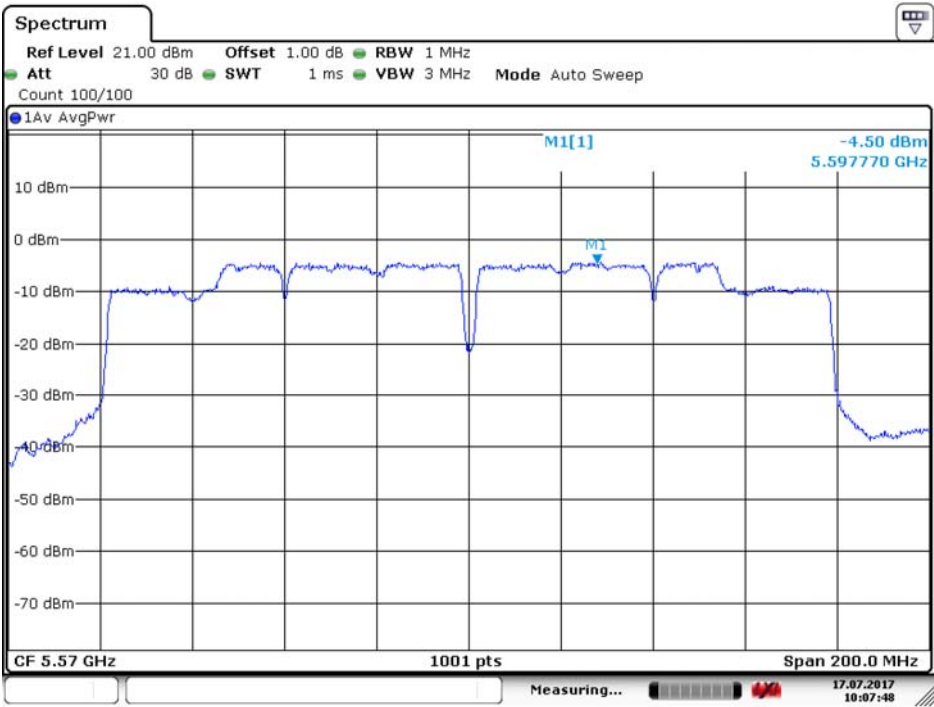
Date: 17.JUL.2017 09:56:43

Channel 14: (Chain B)



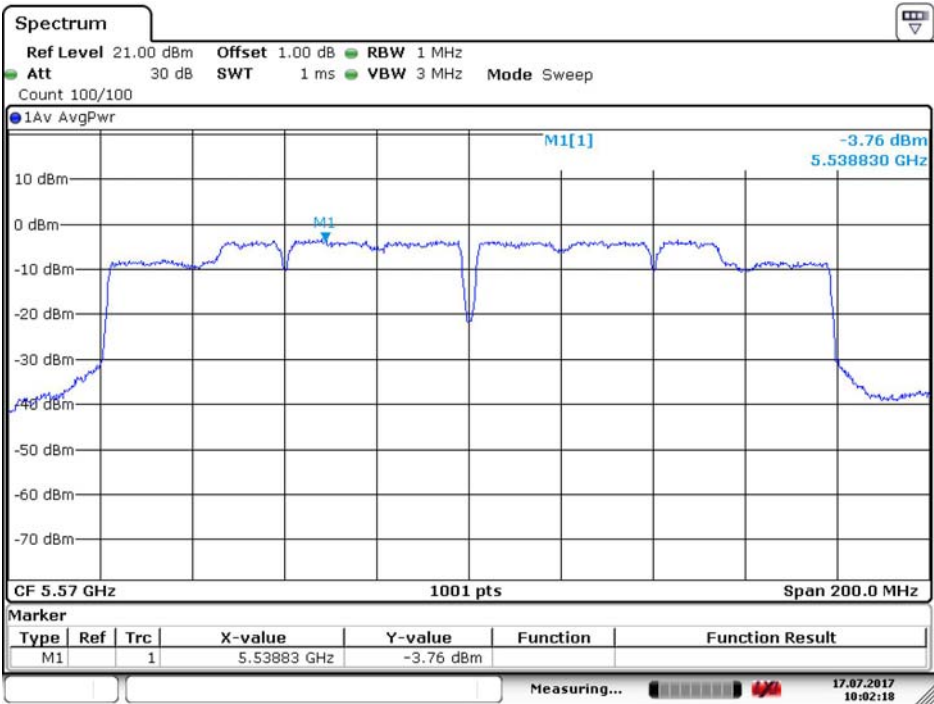
Date: 17.JUL.2017 15:52:16

Channel 114: Chain A



Date: 17.JUL.2017 10:07:47

Channel 114: Chain B



Date: 17.JUL.2017 10:02:19

待測物名稱：Intel® Wireless-AC 9260

待測物型號：9260NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：106 年 07 月 12 日

測試項目：峰值功率頻譜密度

測試模式：Mode 1: 發射器 802.11a_Beamforming

視頻頻寬：1MHz

環境溫度：21 °C

環境濕度：53 %

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	Total PSD (dBm)	Required Limit (dBm)	Result
36	5180	A	7.210	10.220	11	Pass
		B	6.330	9.340	11	Pass
44	5220	A	7.790	10.800	11	Pass
		B	7.300	10.310	11	Pass
48	5240	A	7.950	10.960	11	Pass
		B	7.240	10.250	11	Pass
52	5260	A	7.820	10.830	11	Pass
		B	7.310	10.320	11	Pass
60	5300	A	7.920	10.930	11	Pass
		B	7.390	10.400	11	Pass
64	5320	A	7.460	10.470	11	Pass
		B	7.400	10.410	11	Pass
100	5500	A	6.900	9.910	11	Pass
		B	6.480	9.490	11	Pass
116	5580	A	7.740	10.750	11	Pass
		B	7.890	10.900	11	Pass
140	5700	A	7.110	10.120	11	Pass
		B	6.400	9.410	11	Pass

Note :

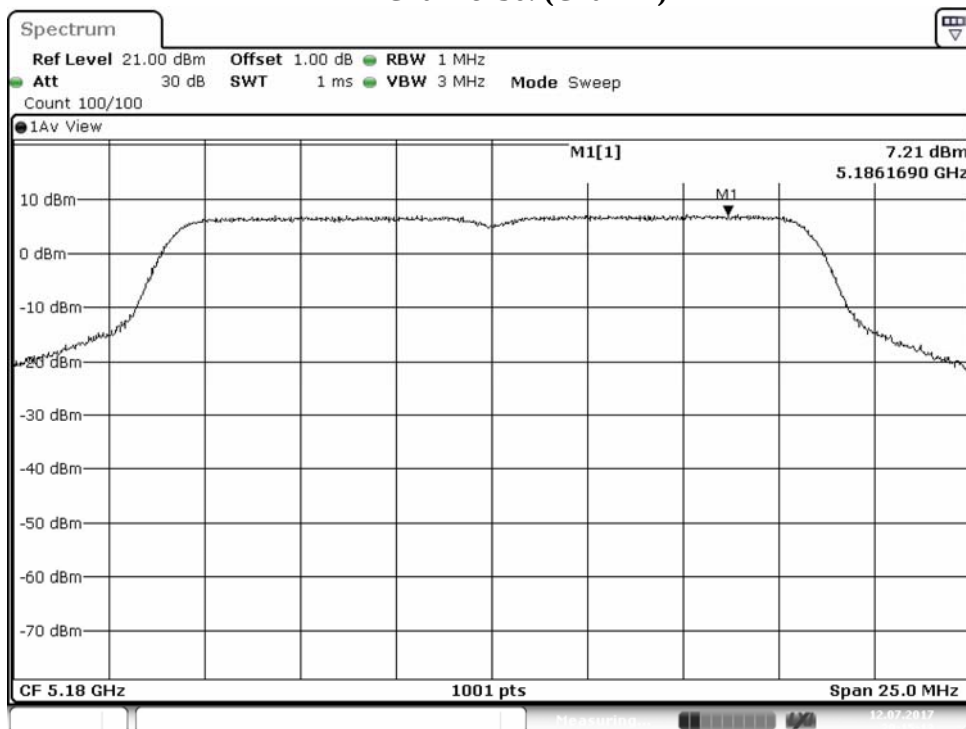
The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
149	5745	A	1.570	6.980	11.560	<30	Pass
		B	0.730	6.980	10.720	<30	Pass
157	5785	A	1.710	6.980	11.700	<30	Pass
		B	0.320	6.980	10.310	<30	Pass
165	5825	A	1.260	6.980	11.250	<30	Pass
		B	-0.330	6.980	9.660	<30	Pass

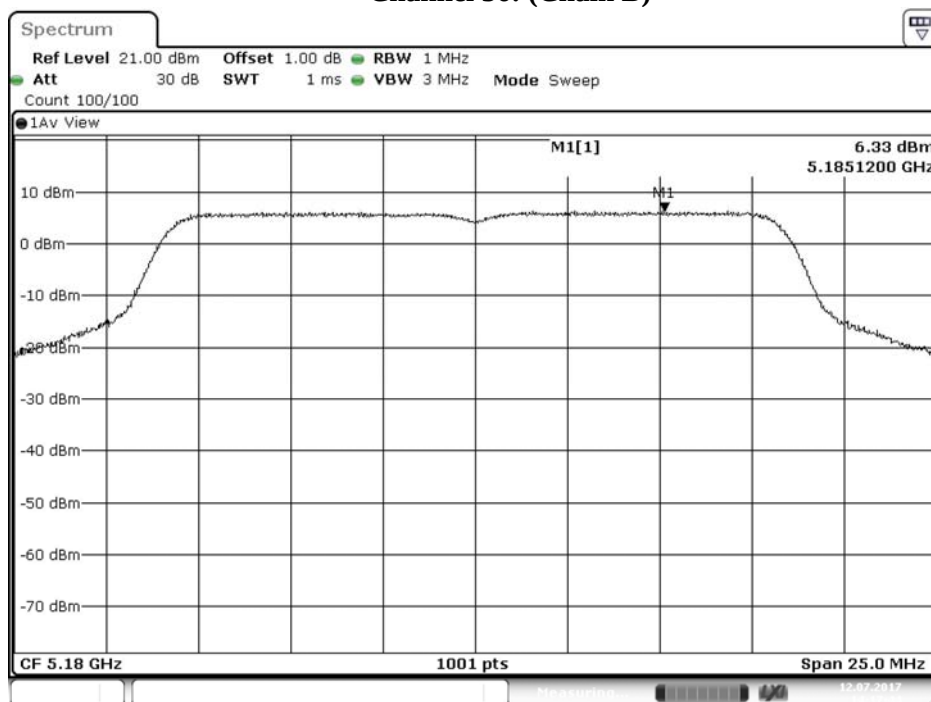
Note :

The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

Channel 36: (Chain A)

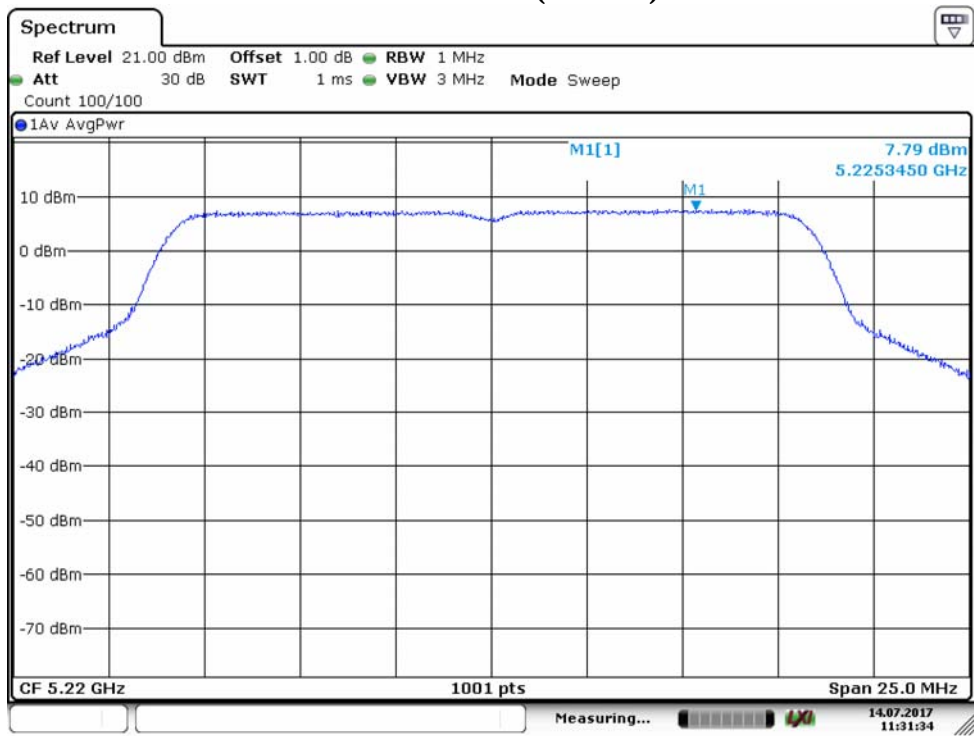


Channel 36: (Chain B)

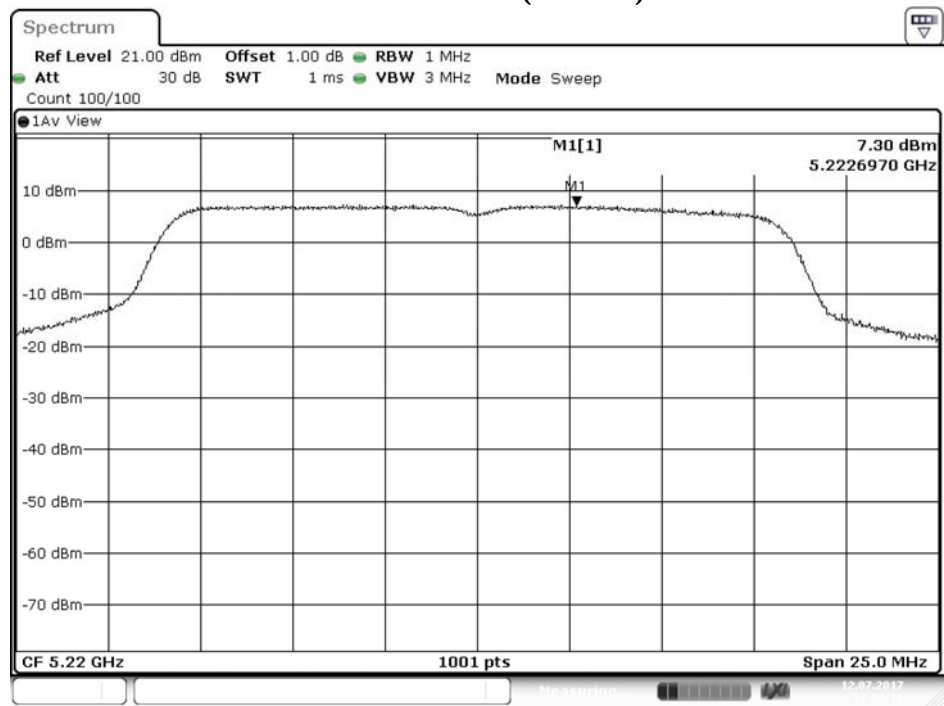


Date: 12.JUL.2017 14:17:44

Channel 44: (Chain A)

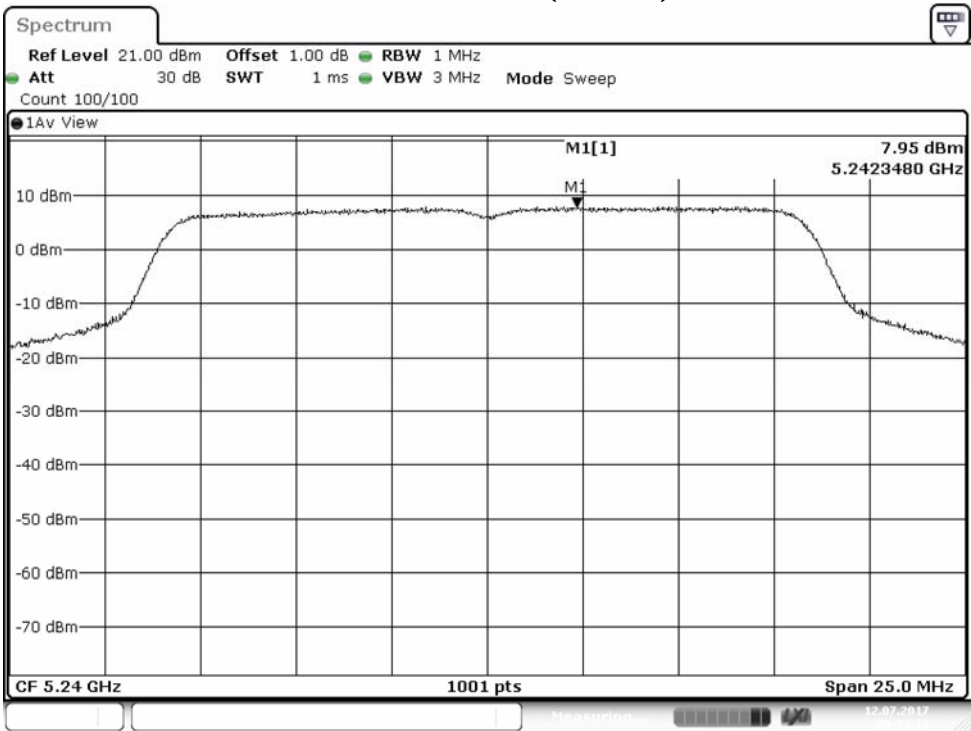


Channel 44: (Chain B)

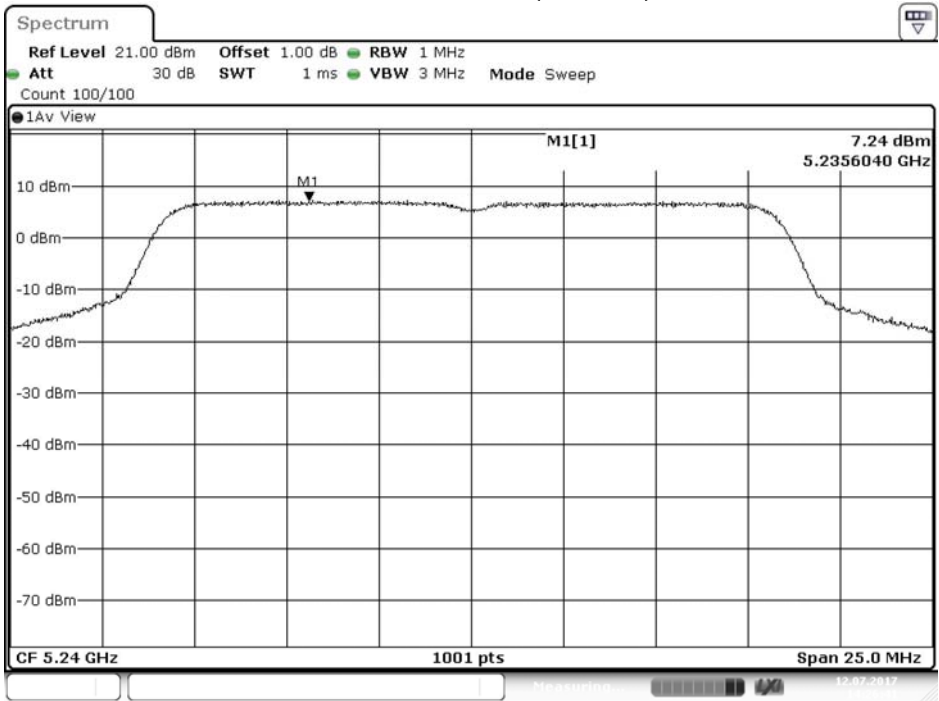


Date: 12 JUL 2017 14:22:16

Channel 48: (Chain A)

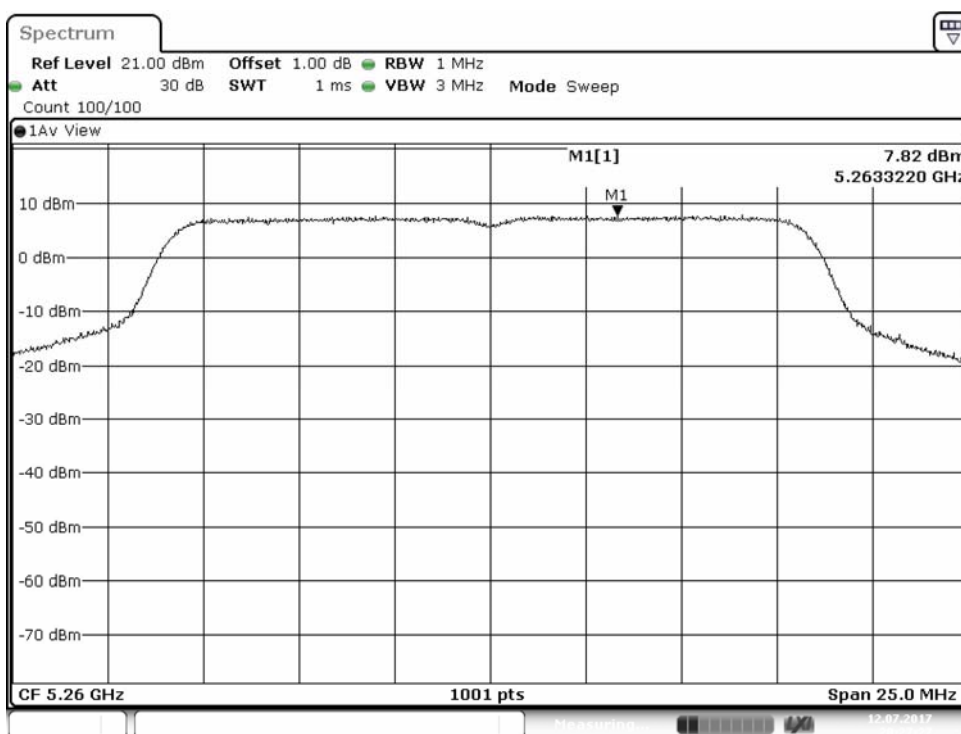


Channel 48: (Chain B)

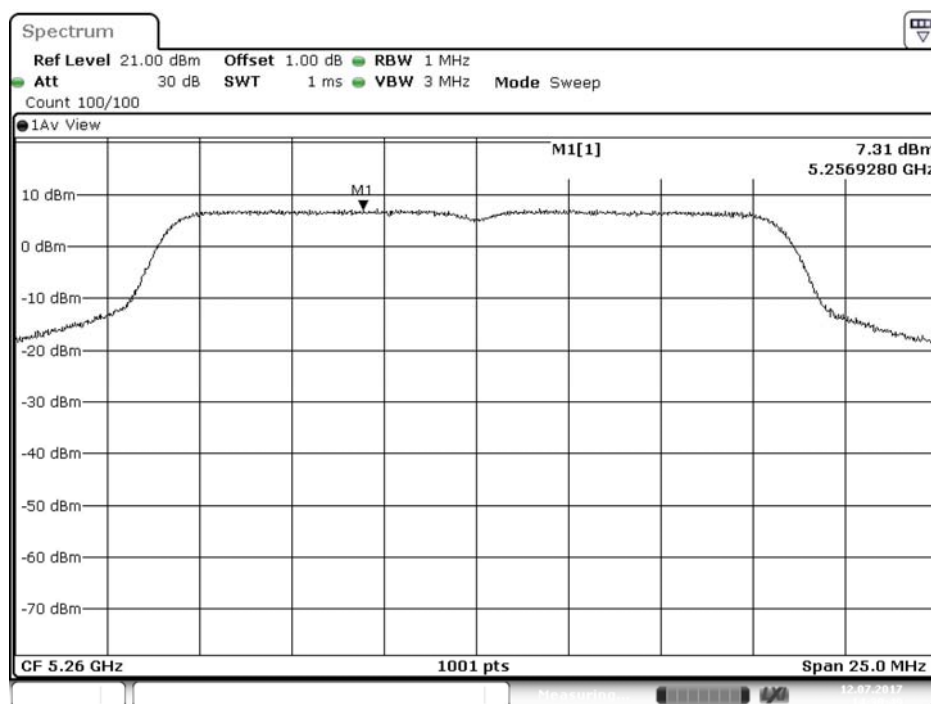


Date: 12 JUL 2017 14:26:41

Channel 52: Chain A

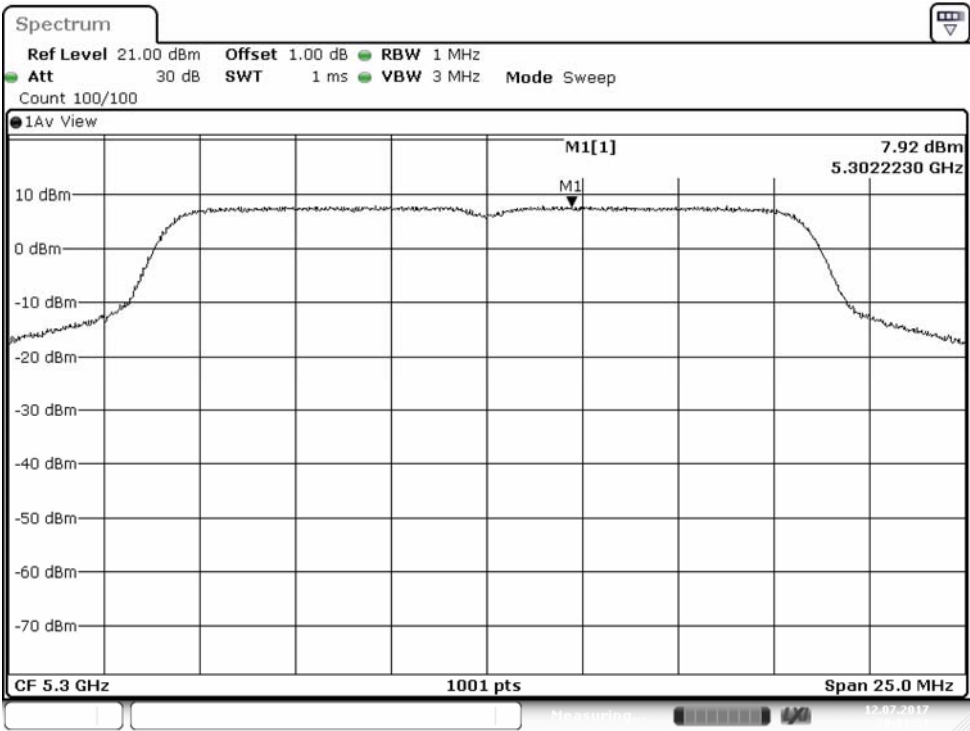


Channel 52: Chain B

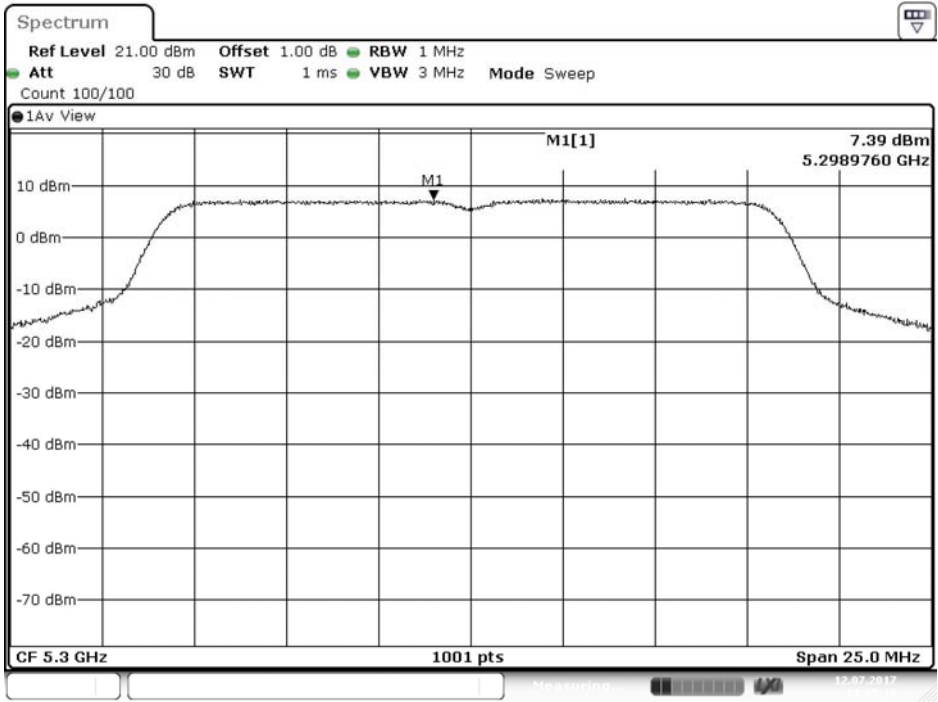


Date: 12.JUL.2017 14:30:49

Channel 60: Chain A

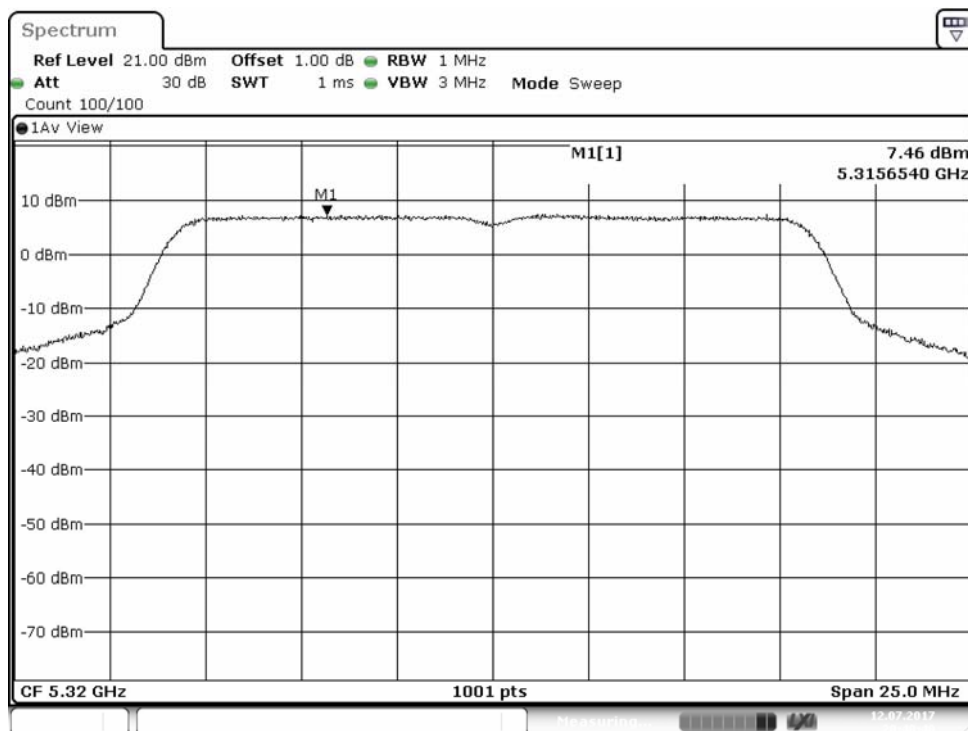


Channel 60: Chain B

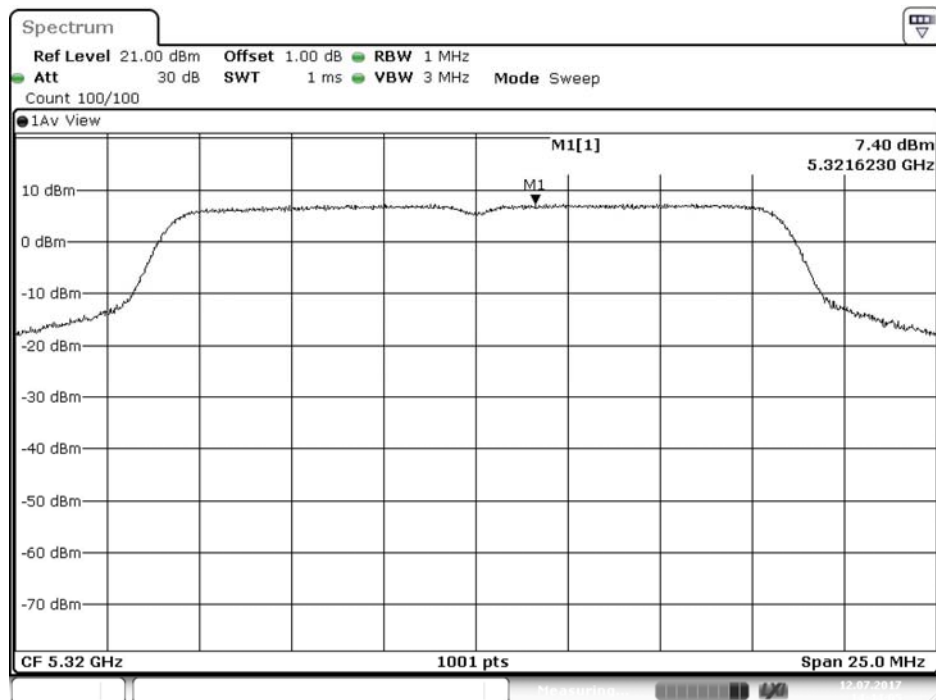


Date: 12.JUL.2017 14:35:10

Channel 64: Chain A

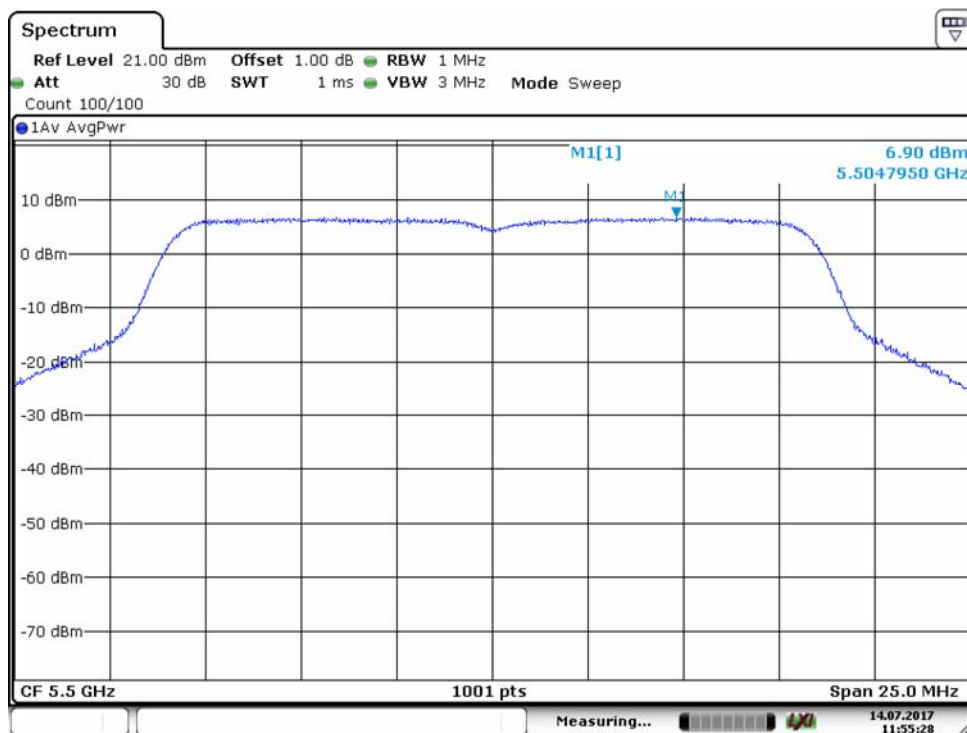


Channel 64: Chain B

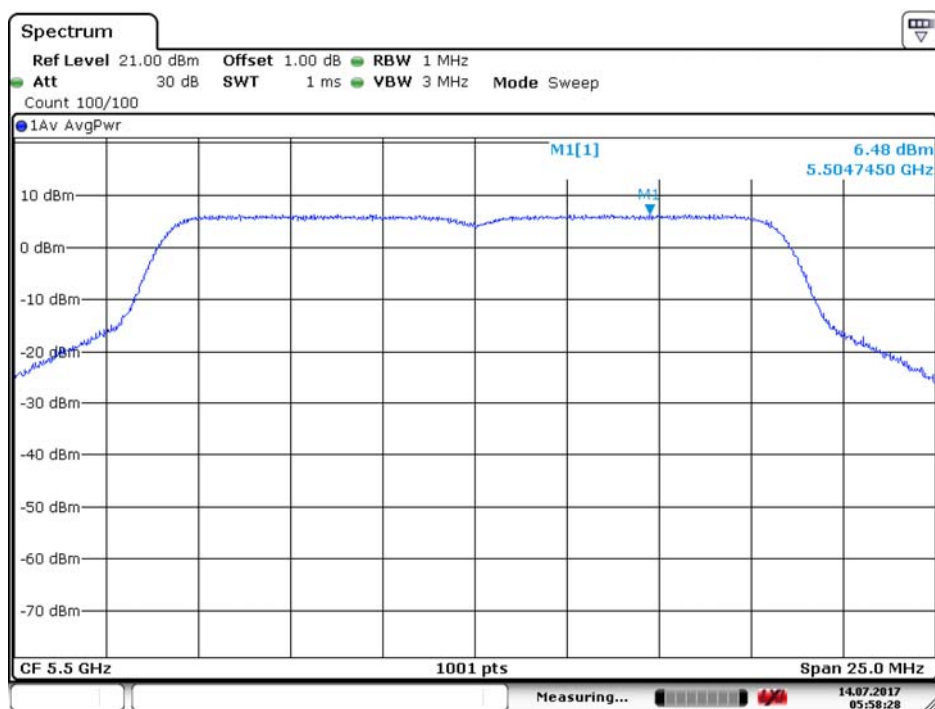


Date: 12.JUL.2017 14:44:05

Channel 100: Chain A

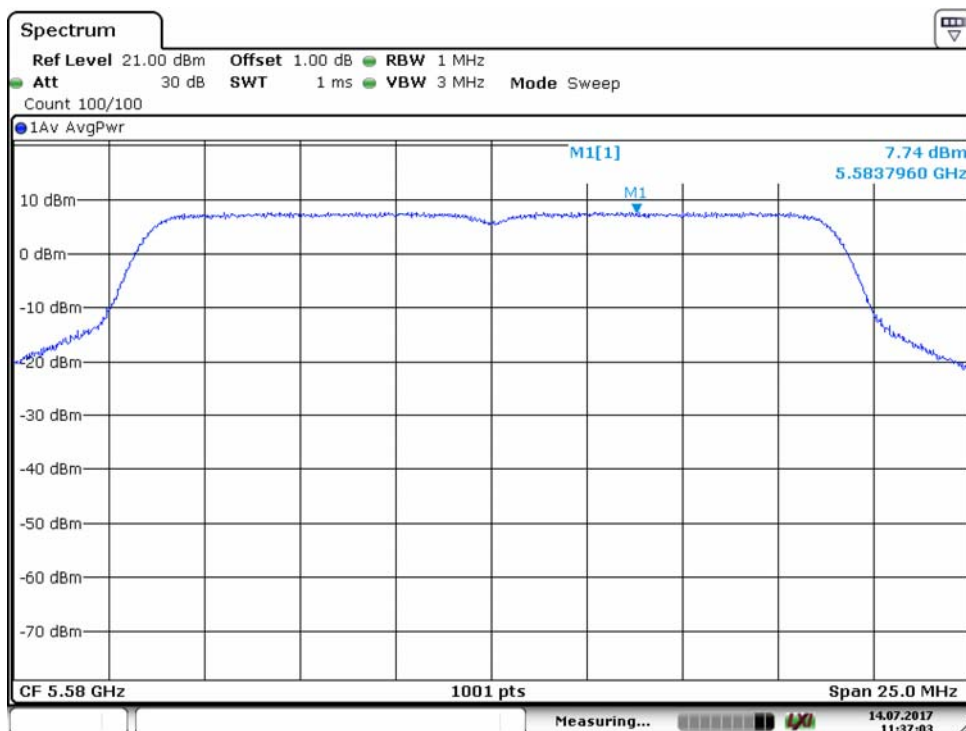


Channel 100: Chain B

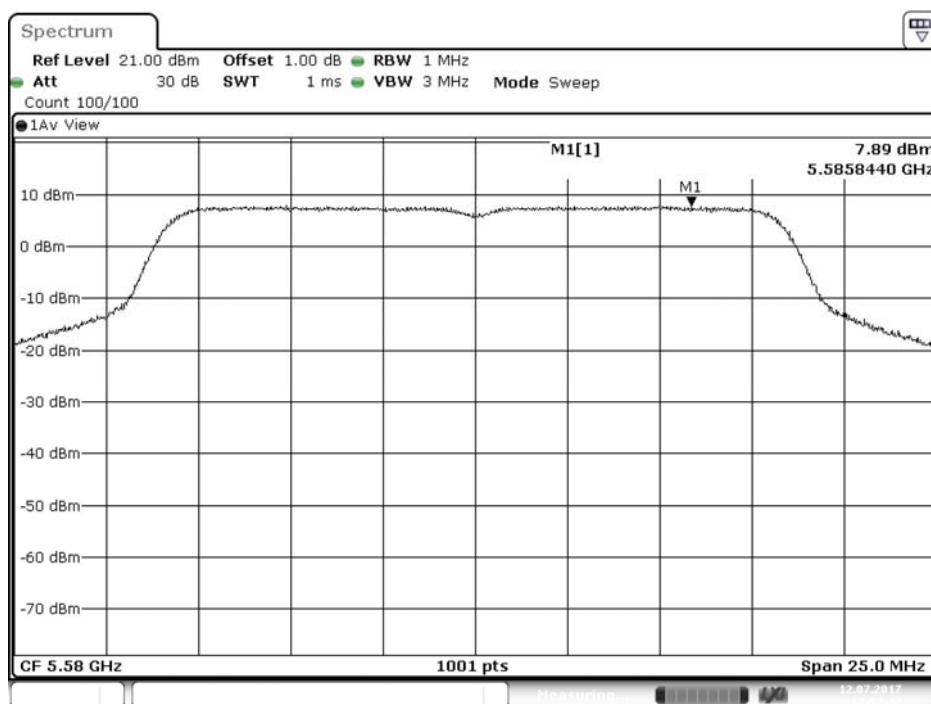


Date: 14.JUL.2017 05:58:29

Channel 120: Chain A

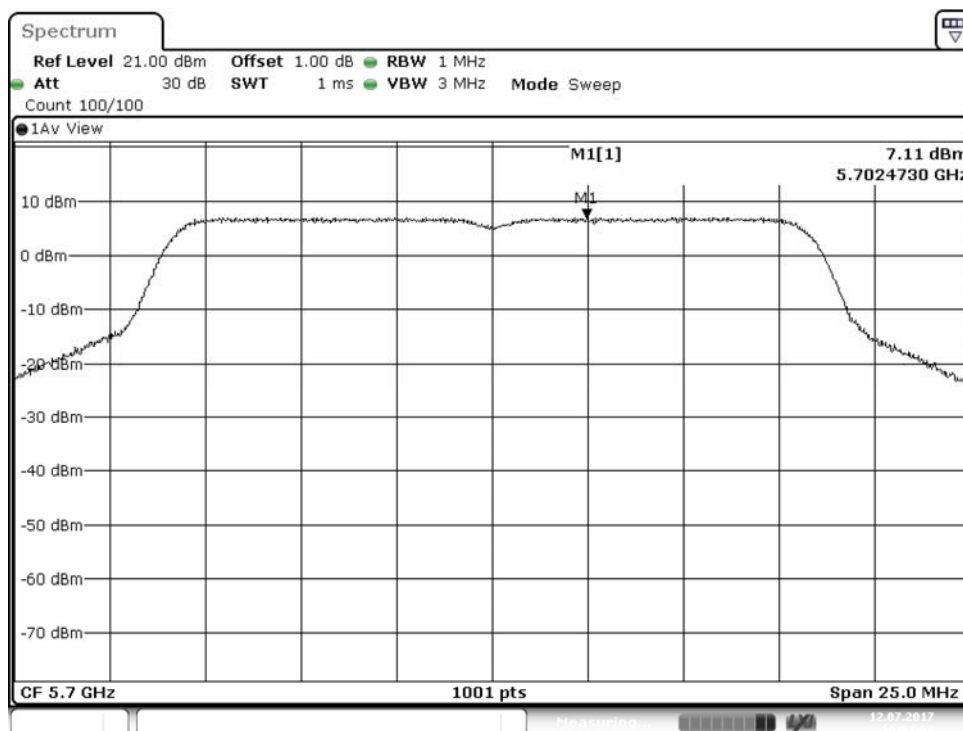


Channel 120: Chain B

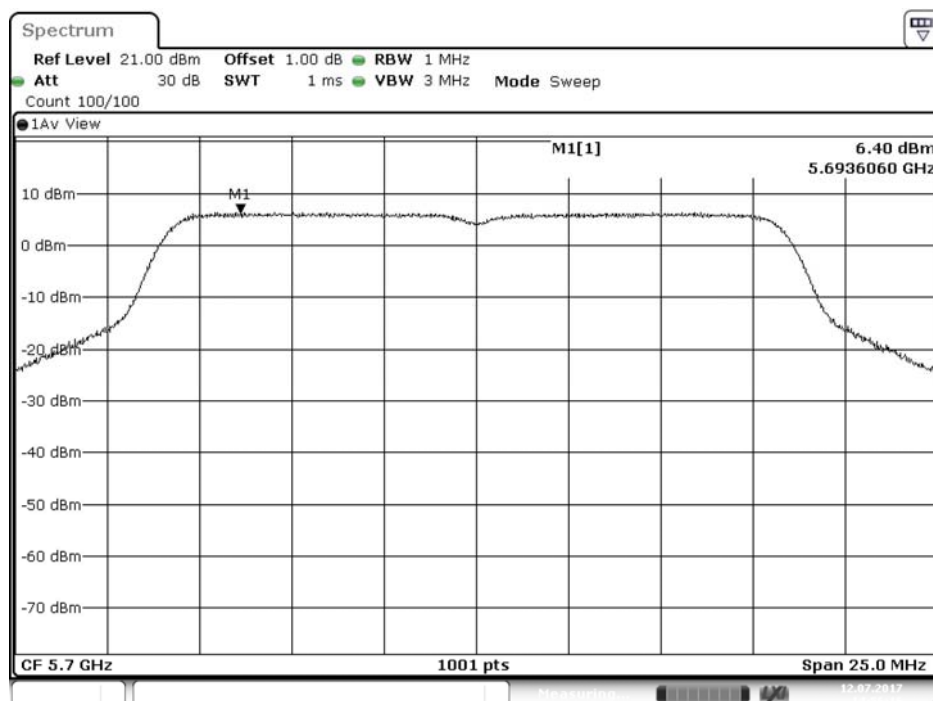


Date: 12 JUL 2017 14:52:42

Channel 140: Chain A

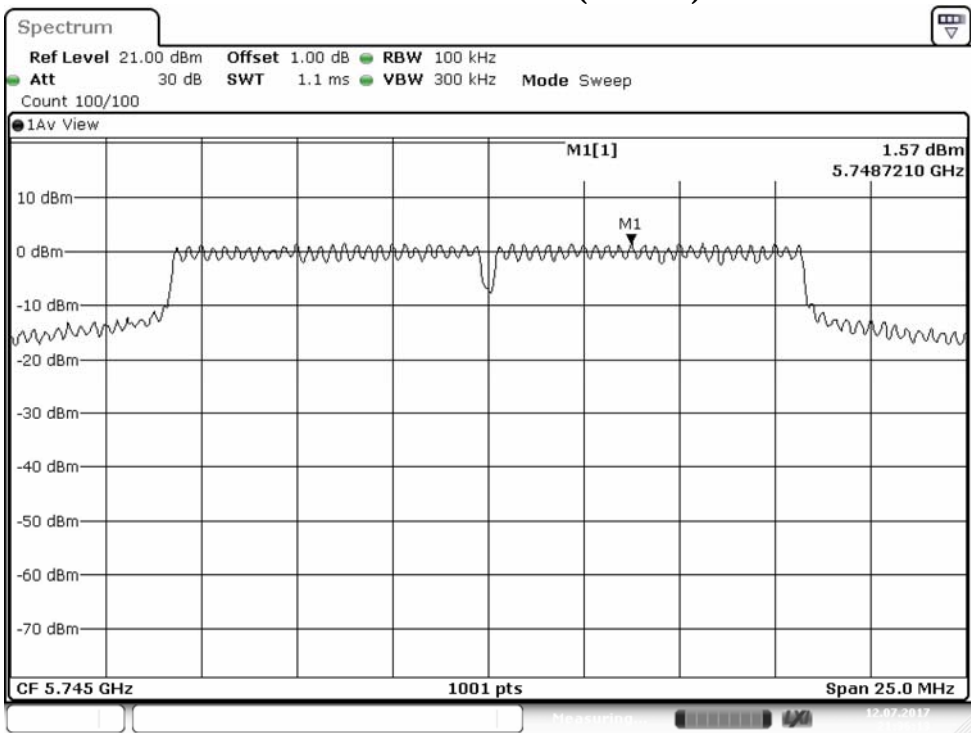


Channel 140: Chain B

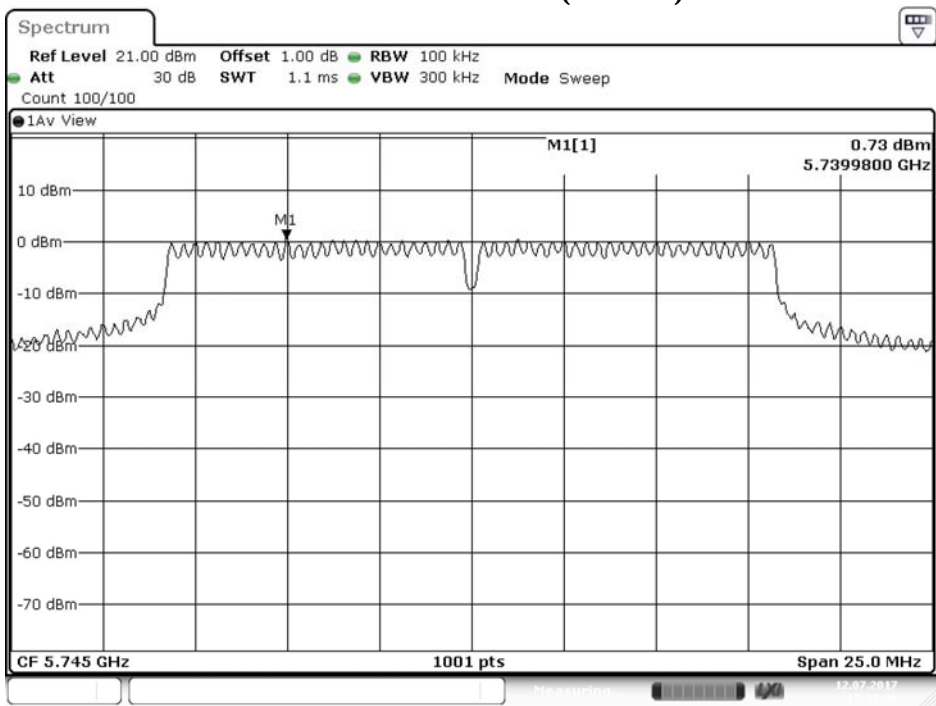


Date: 12.JUL.2017 14:56:16

Channel 149: (Chain A)

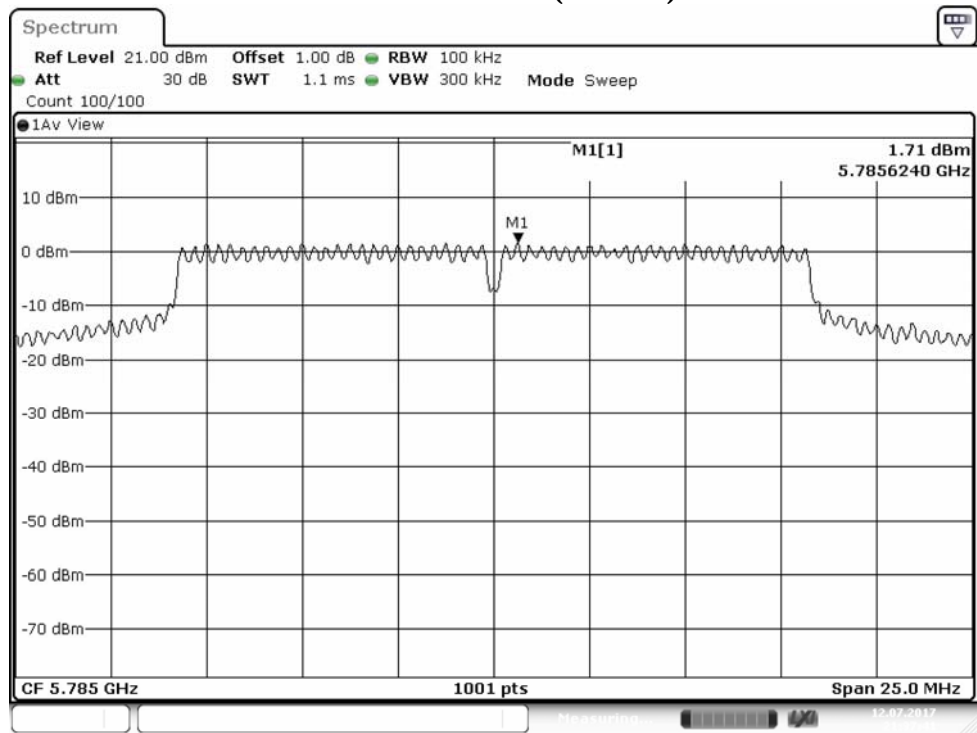


Channel 149: (Chain B)

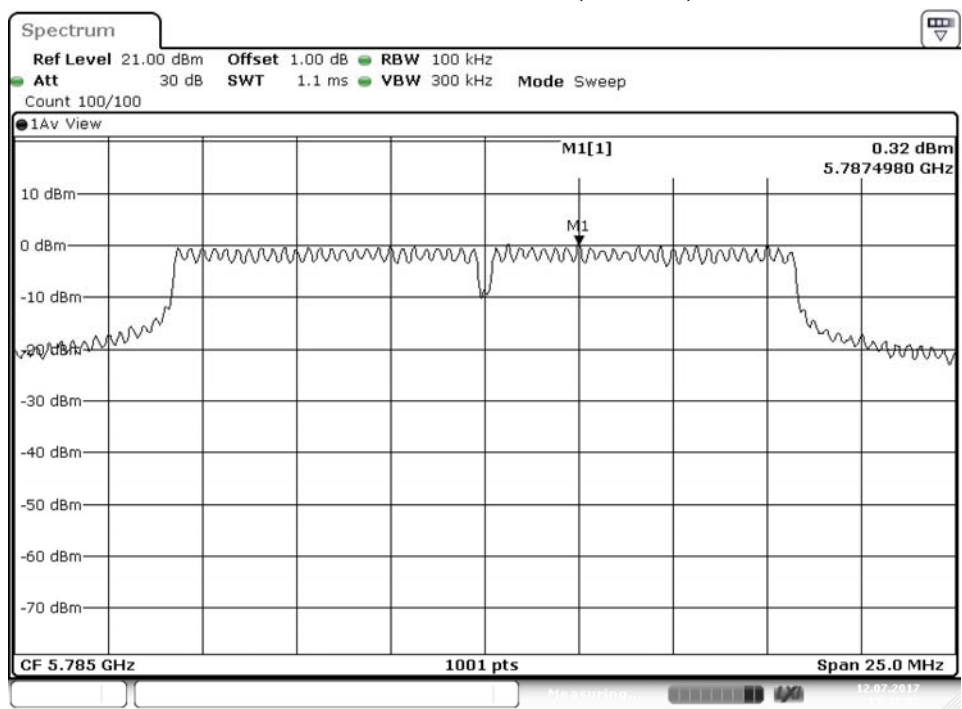


Date: 12.JUL.2017 15:39:36

Channel 157: (Chain A)

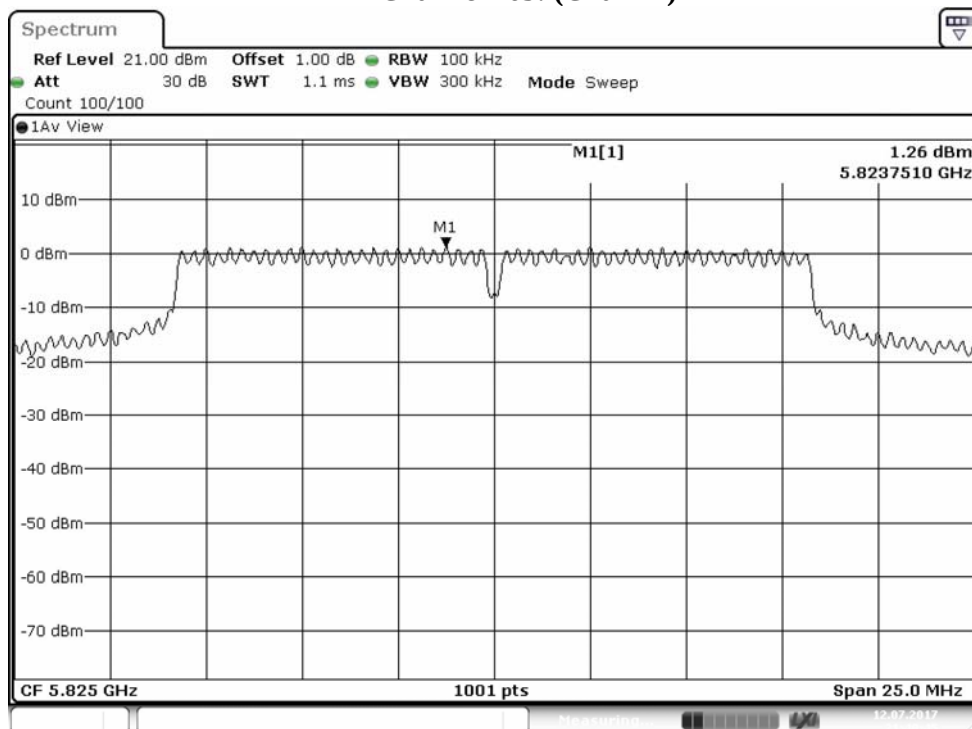


Channel 157: (Chain B)

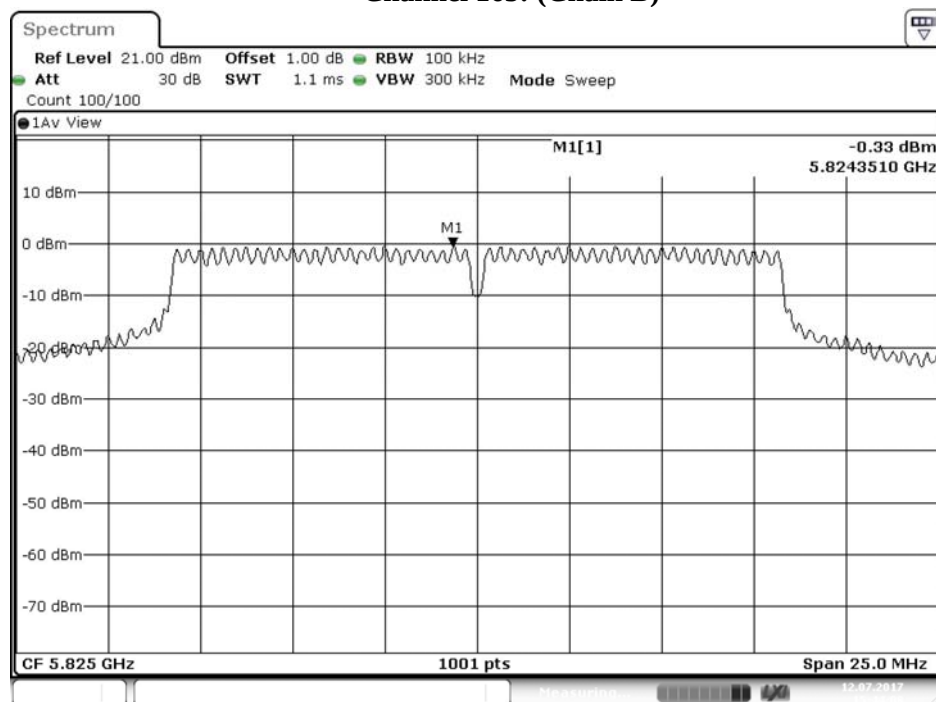


Date: 12.JUL.2017 15:41:02

Channel 165: (Chain A)



Channel 165: (Chain B)



Date: 12.JUL.2017 15:44:08

待測物名稱：Intel® Wireless-AC 9260

待測物型號：9260NGW

測試項目：峰值功率頻譜密度

測試模式：Mode 1: 發射器

測試頻道：--

802.11n-20BW_Beamforming

6 dB 頻寬：1MHz

視頻頻寬：1MHz

檢測器：峰值

環境溫度：21 °C

測試日期：106 年 07 月 12 日

環境濕度：53 %

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	Total PSD (dBm)	Required Limit (dBm)	Result
36	5180	A	6.790	9.800	11	Pass
		B	5.900	8.910	11	Pass
44	5220	A	7.820	10.830	11	Pass
		B	7.810	10.820	11	Pass
48	5240	A	7.940	10.950	11	Pass
		B	7.440	10.450	11	Pass
52	5260	A	7.910	10.920	11	Pass
		B	7.610	10.620	11	Pass
60	5300	A	7.920	10.930	11	Pass
		B	7.500	10.510	11	Pass
64	5320	A	7.290	10.300	11	Pass
		B	6.810	9.820	11	Pass
100	5500	A	6.540	9.550	11	Pass
		B	6.180	9.190	11	Pass
116	5580	A	7.880	10.890	11	Pass
		B	7.490	10.500	11	Pass
140	5700	A	6.850	9.860	11	Pass
		B	7.060	10.070	11	Pass

Note :

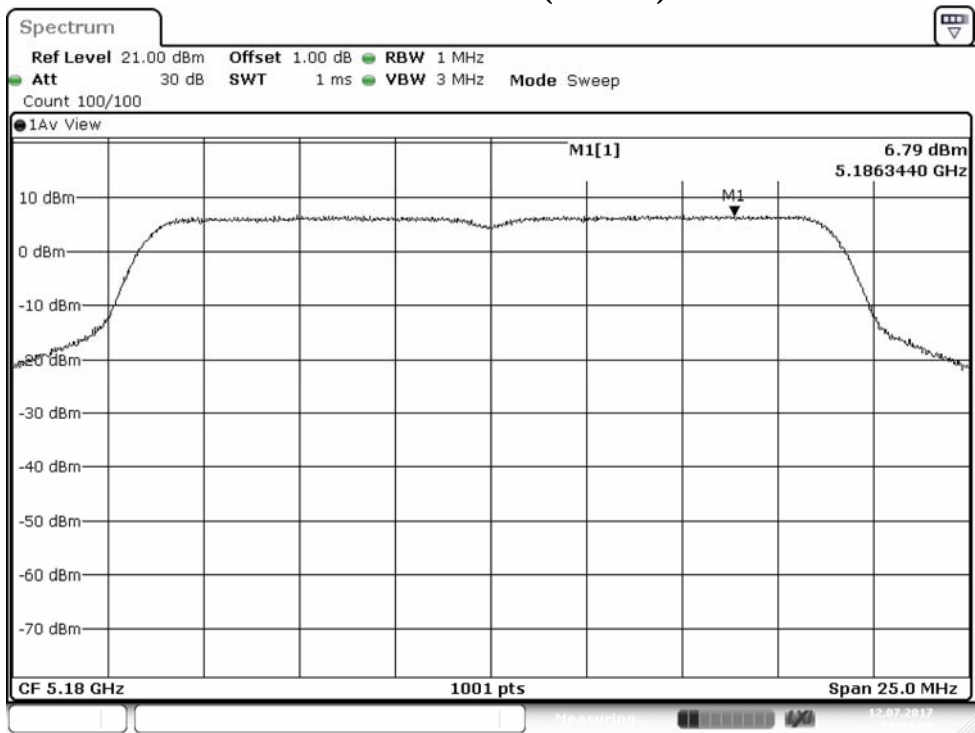
The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
149	5745	A	1.390	6.980	11.380	<30	Pass
		B	0.010	6.980	10.000	<30	Pass
157	5785	A	1.610	6.980	11.600	<30	Pass
		B	0.030	6.980	10.020	<30	Pass
165	5825	A	1.220	6.980	11.210	<30	Pass
		B	-0.920	6.980	9.070	<30	Pass

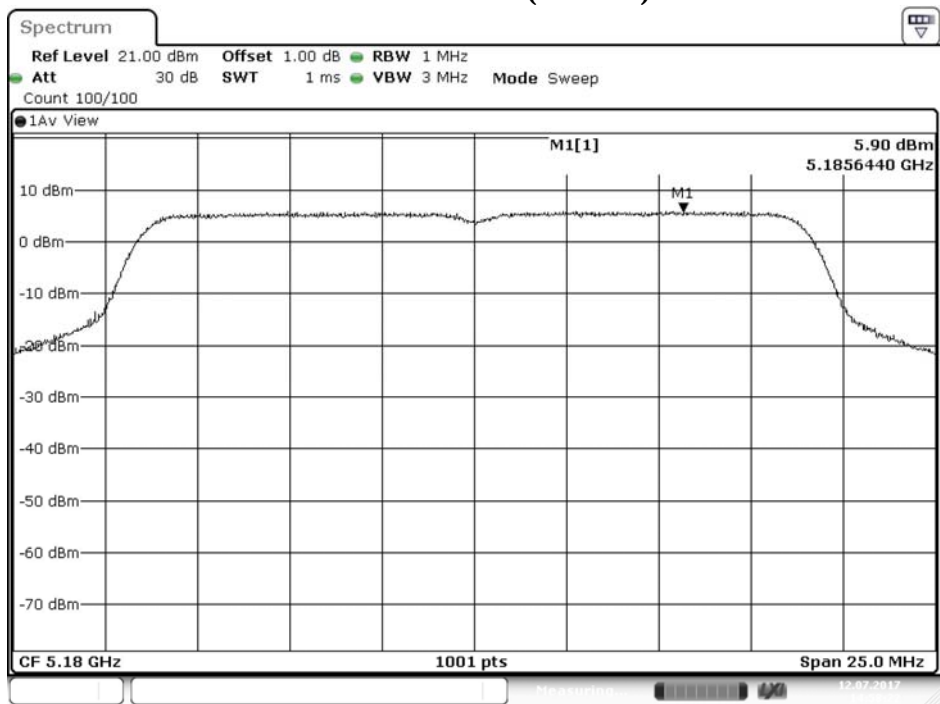
Note :

The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

Channel 36: (Chain A)

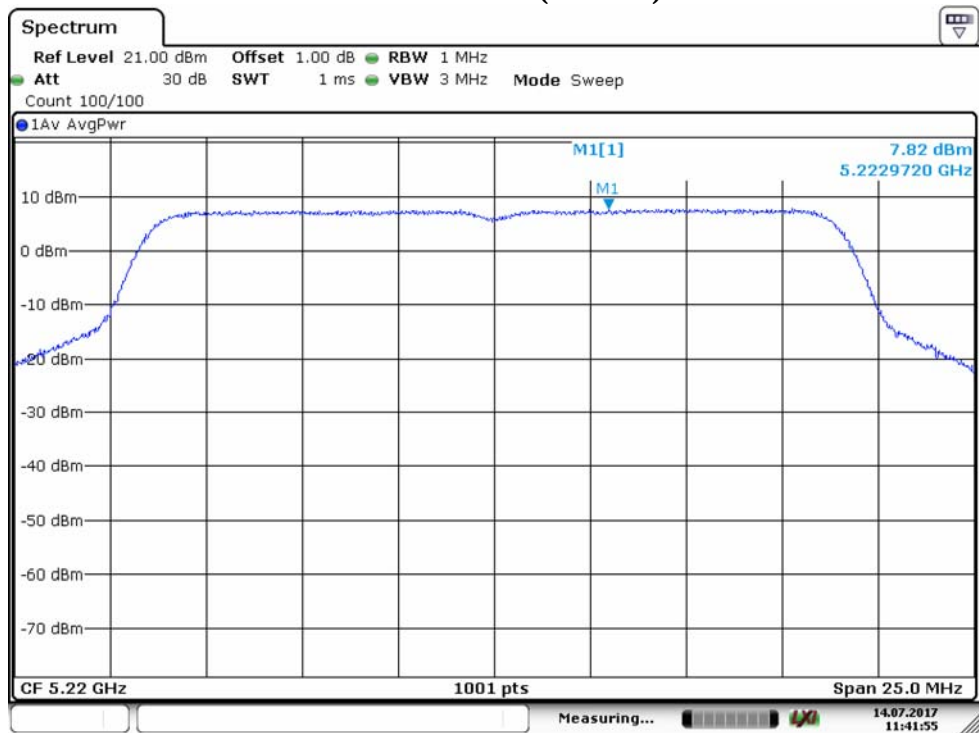


Channel 36: (Chain B)

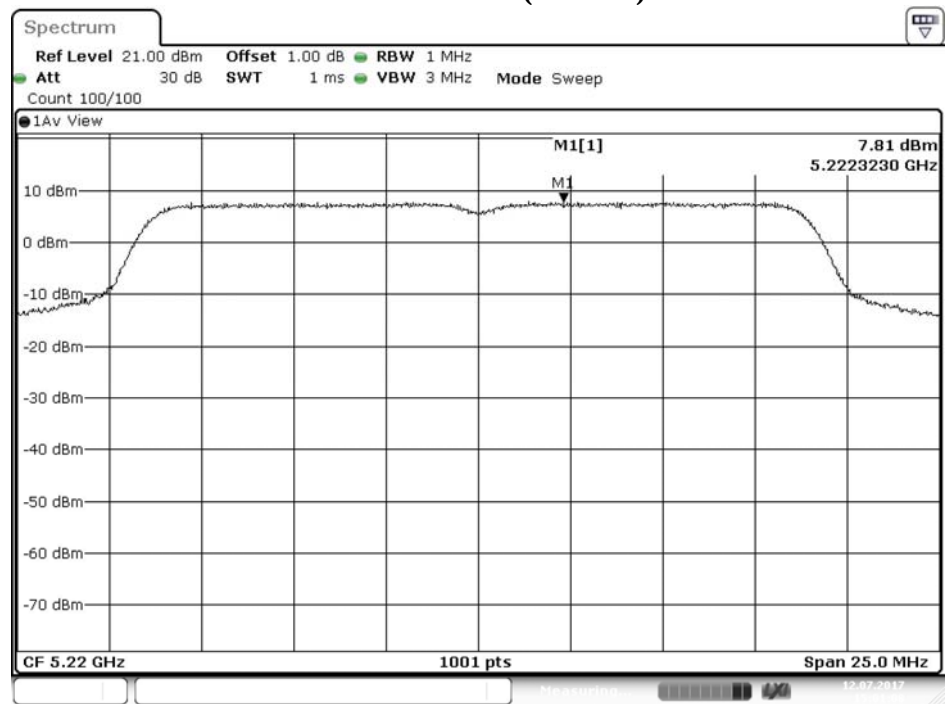


Date: 12.JUL.2017 14:58:22

Channel 44: (Chain A)

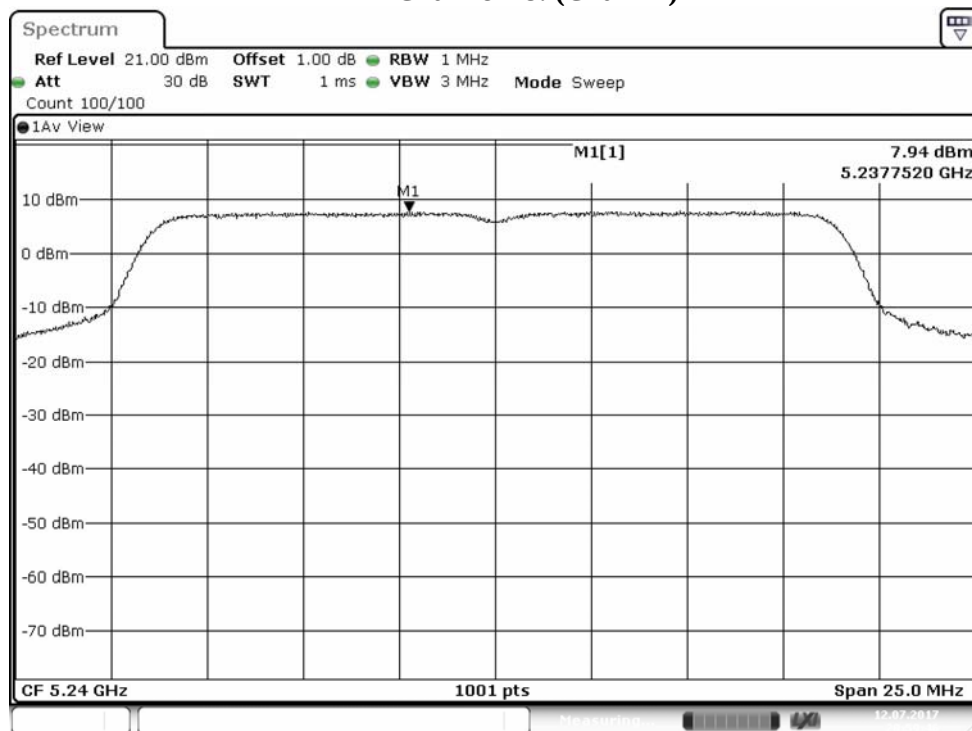


Channel 44: (Chain B)

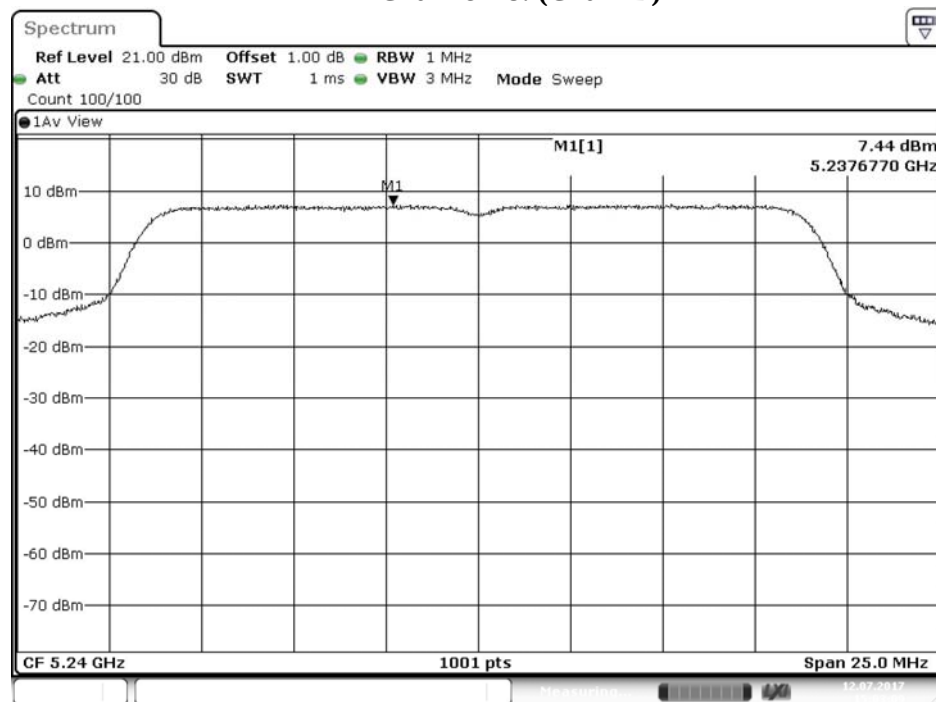


Date: 12 JUL 2017 15:01:09

Channel 48: (Chain A)

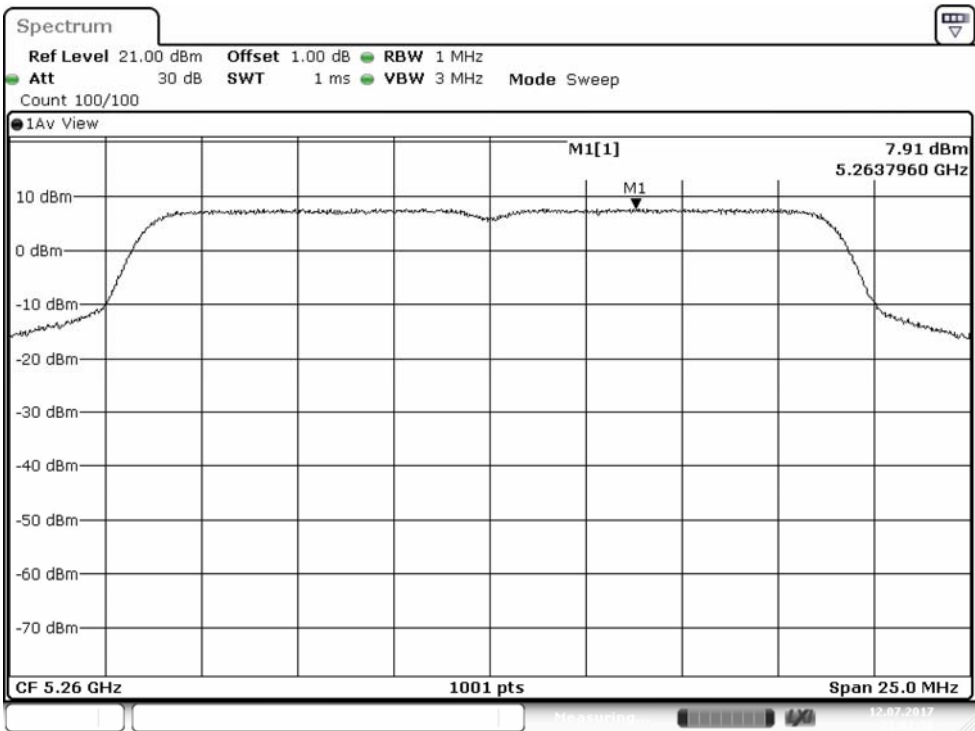


Channel 48: (Chain B)

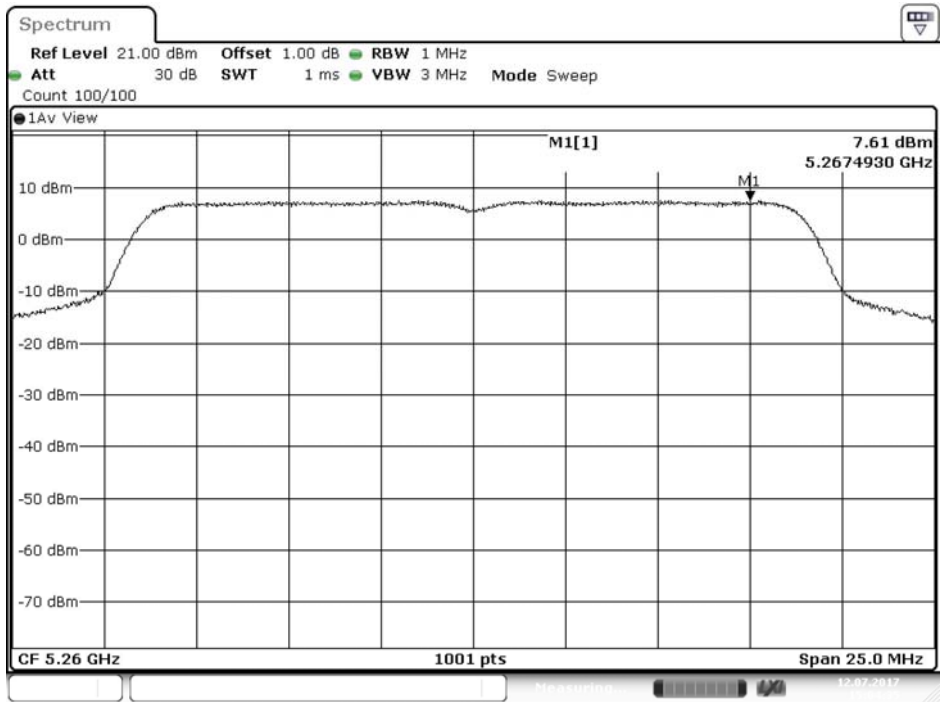


Date: 12 JUL 2017 15:03:09

Channel 52: Chain A

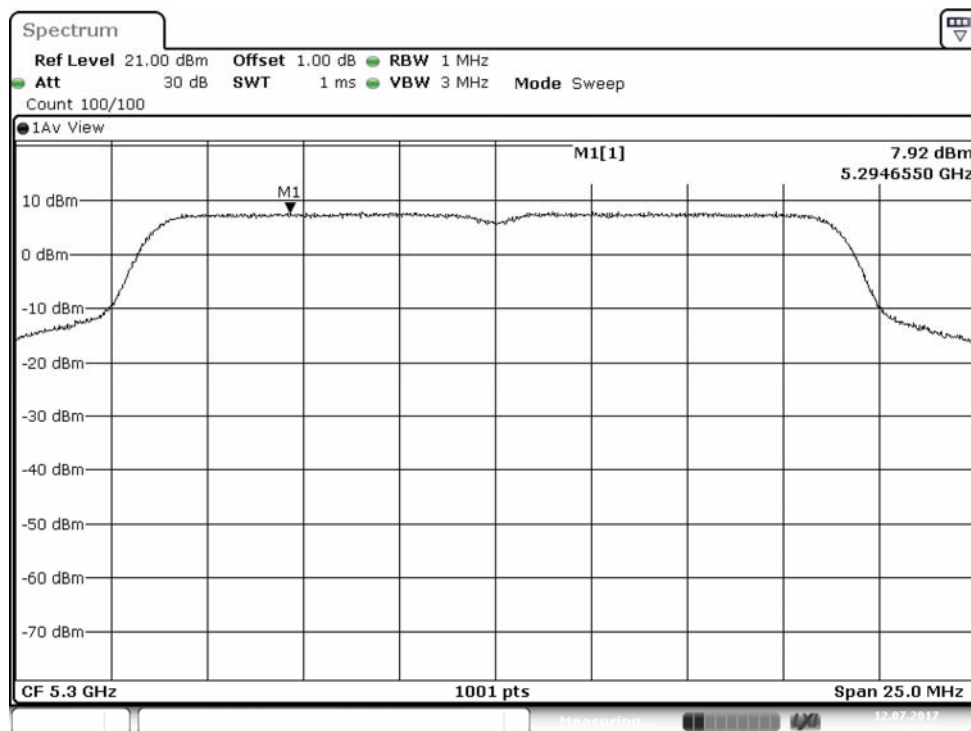


Channel 52: Chain B

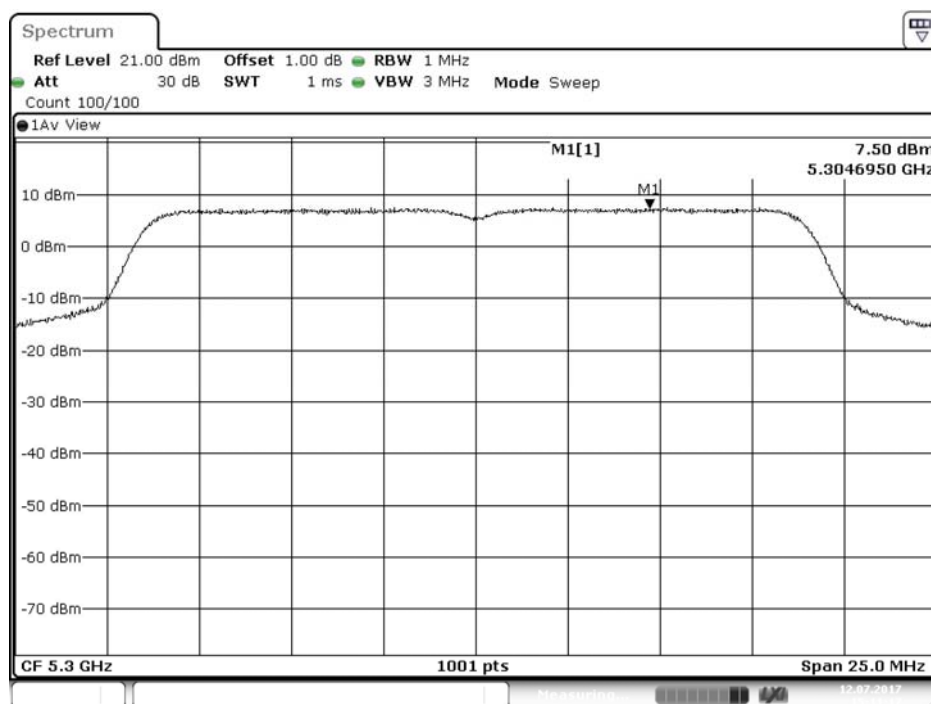


Date: 12.JUL.2017 15:04:35

Channel 60: Chain A

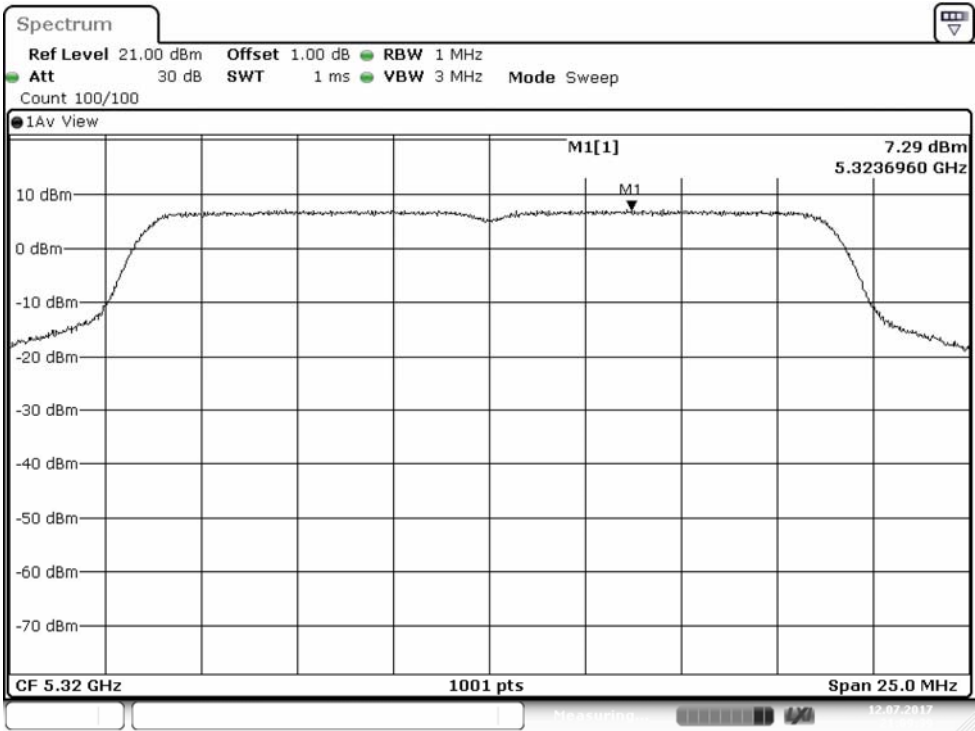


Channel 60: Chain B

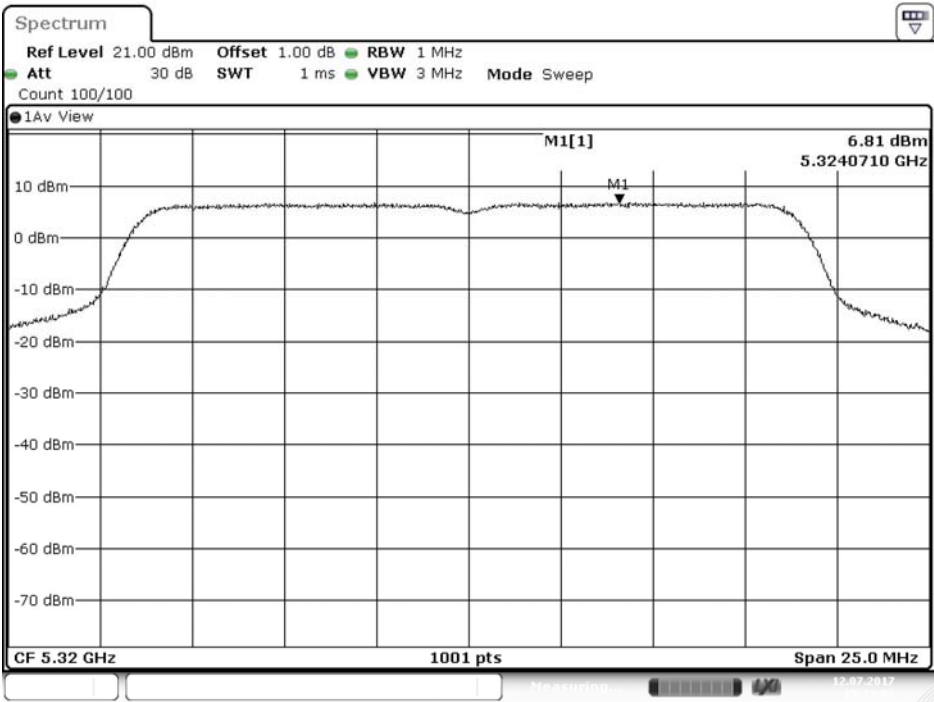


Date: 12.JUL.2017 15:11:17

Channel 64: Chain A

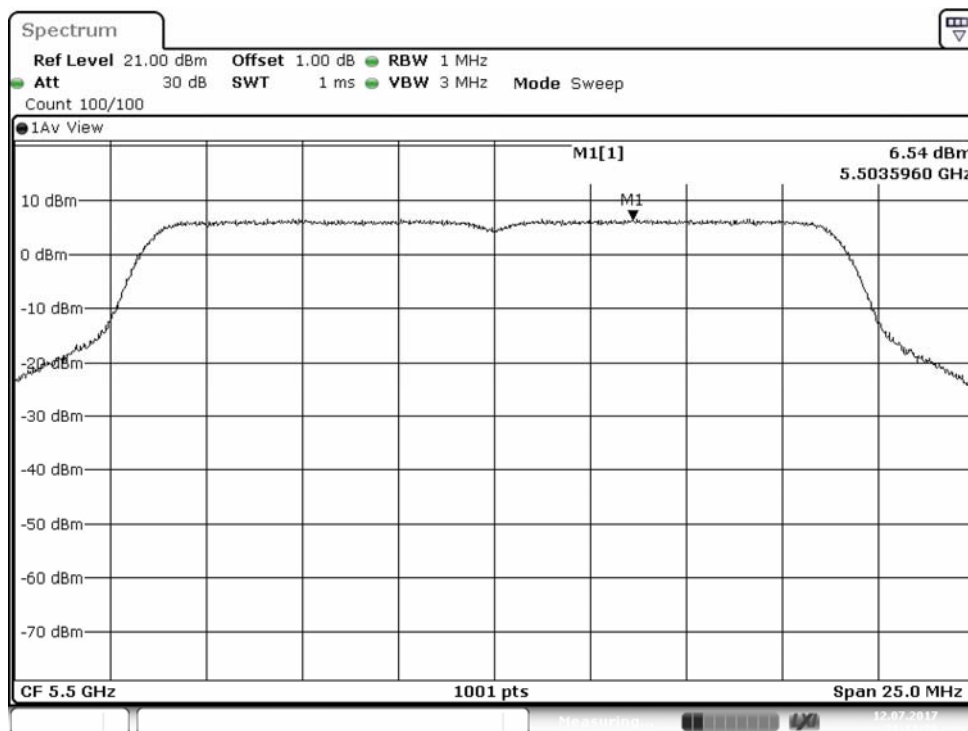


Channel 64: Chain B

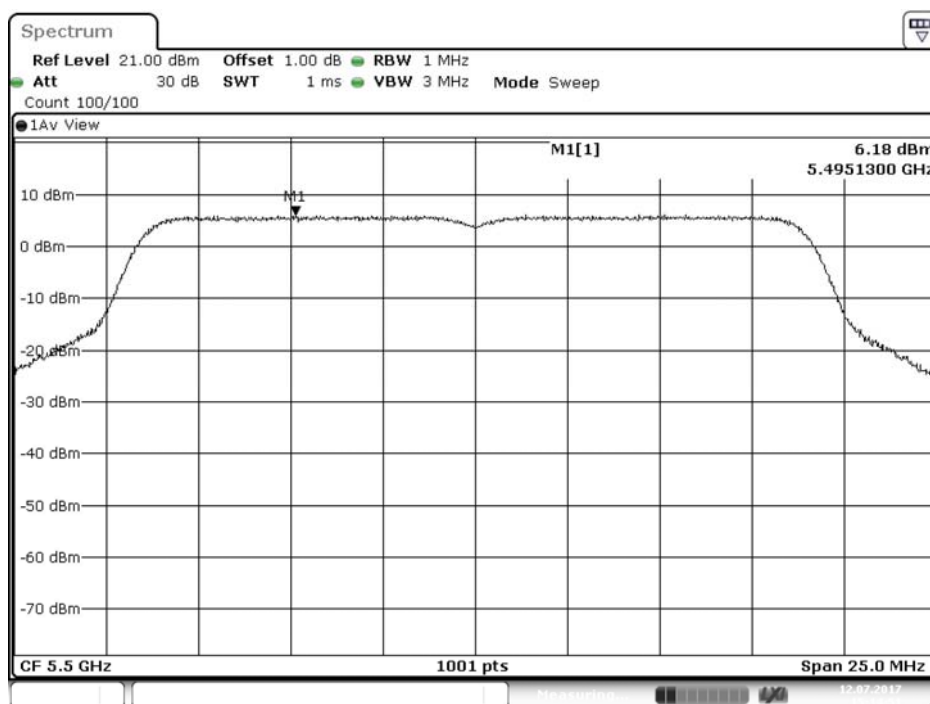


Date: 12.JUL.2017 15:13:02

Channel 100: Chain A

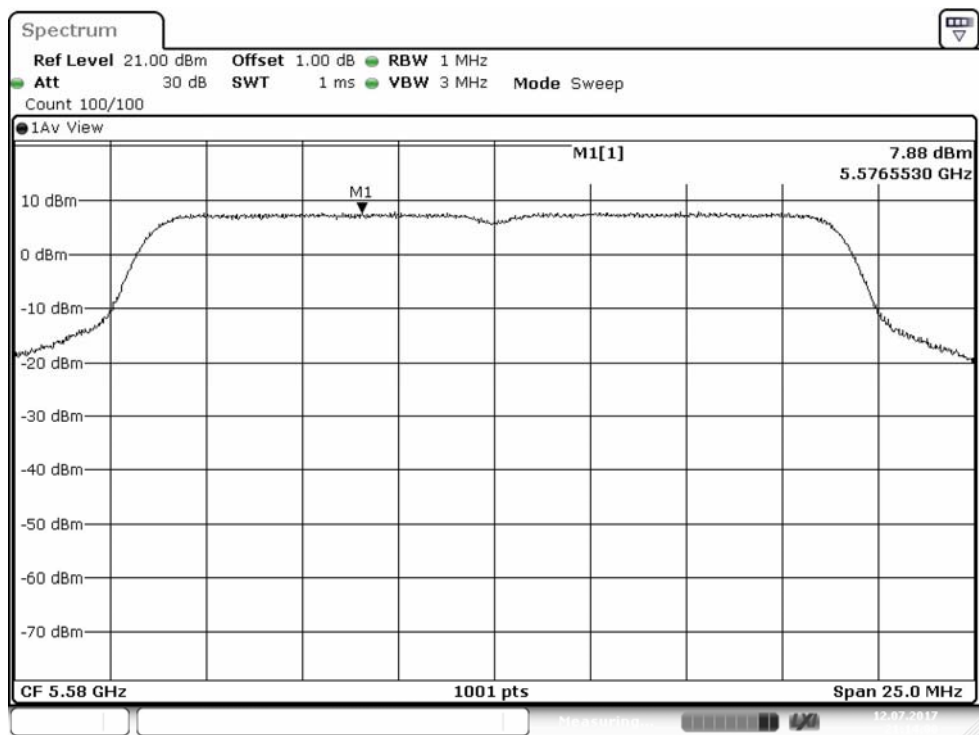


Channel 100: Chain B

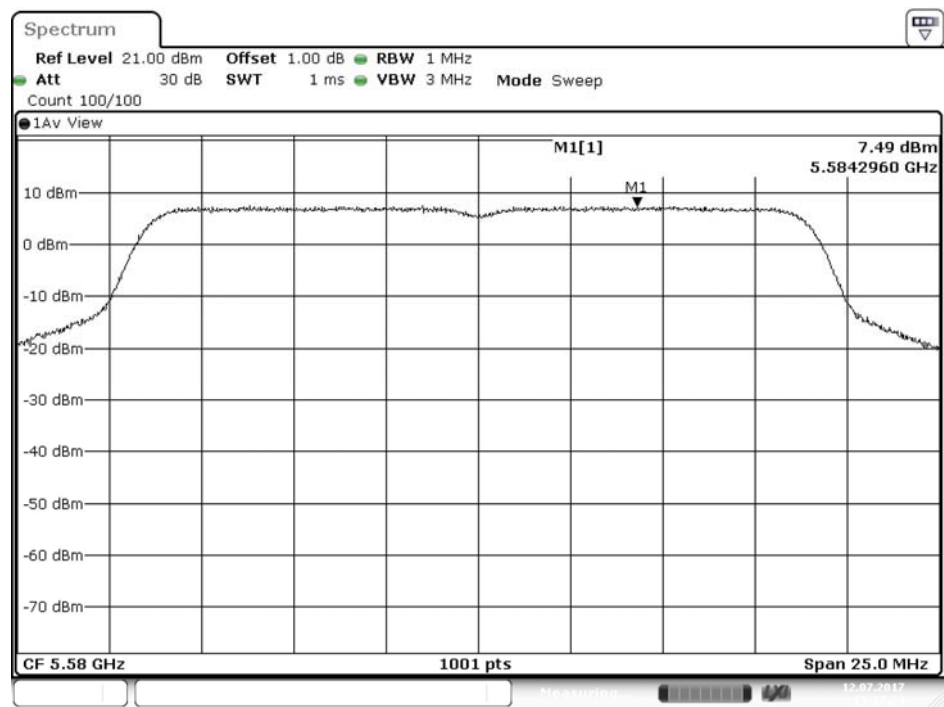


Date: 12.JUL.2017 15:14:51

Channel 120: Chain A

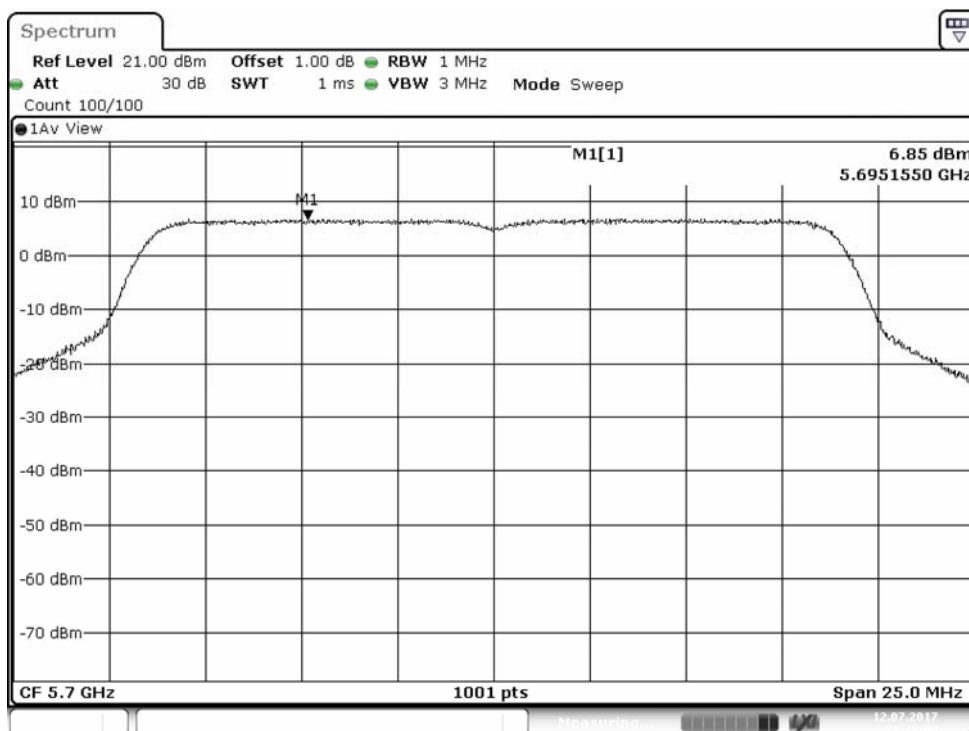


Channel 120: Chain B

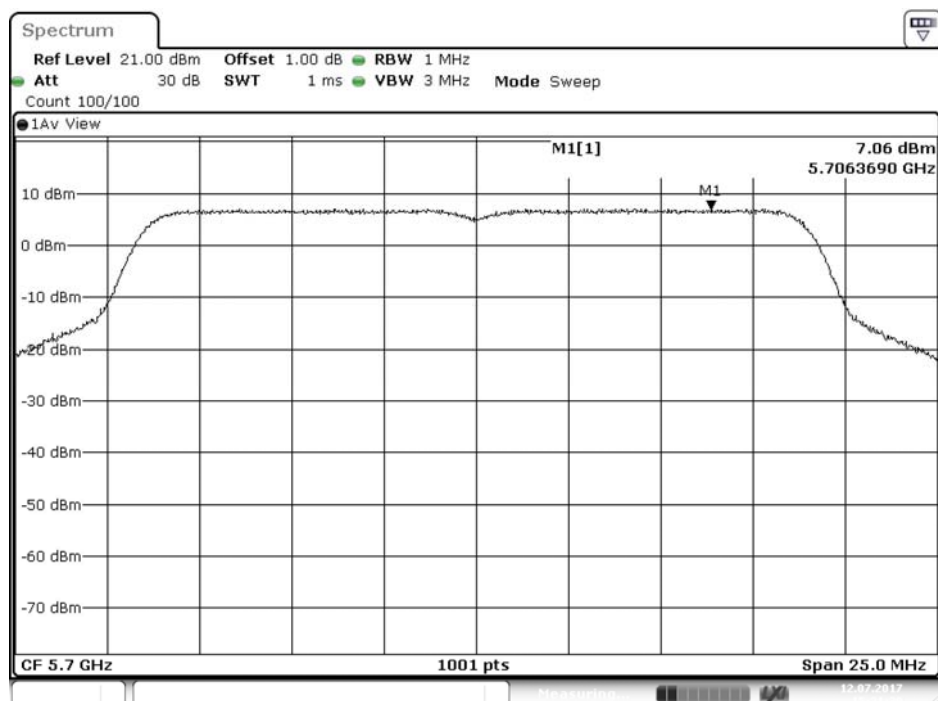


Date: 12 JUL 2017 15:17:24

Channel 140: Chain A

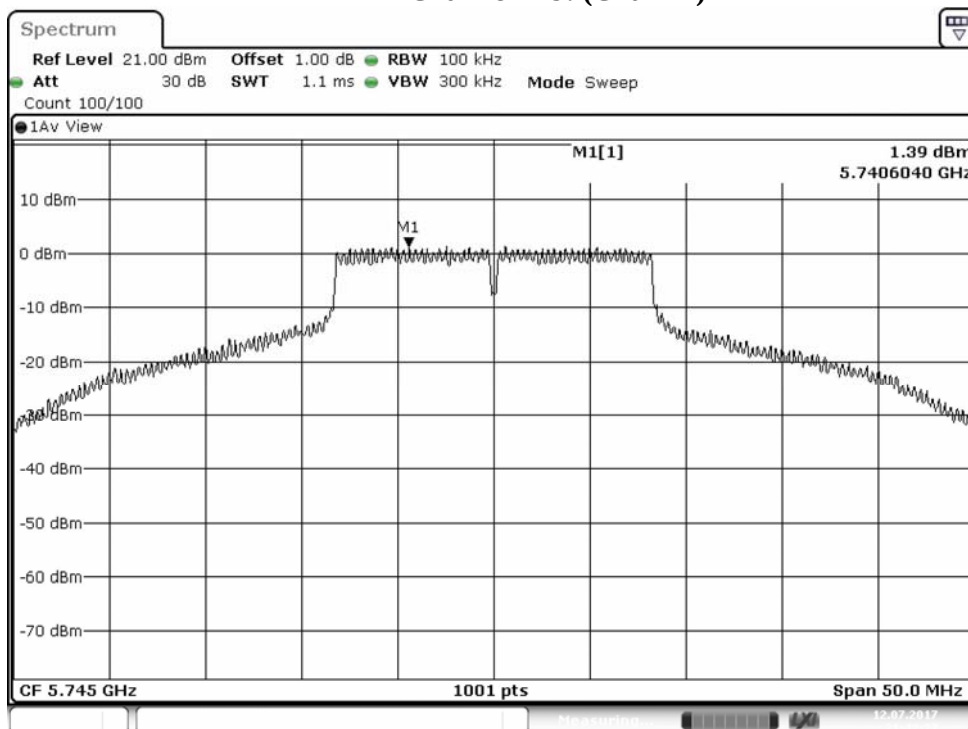


Channel 140: Chain B

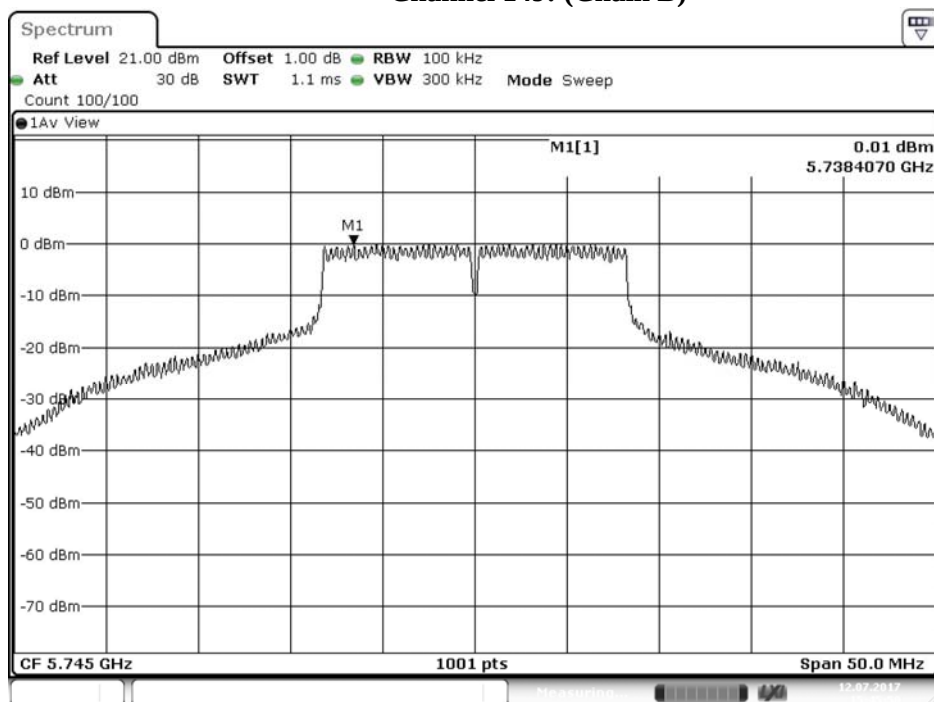


Date: 12.JUL.2017 15:21:30

Channel 149: (Chain A)

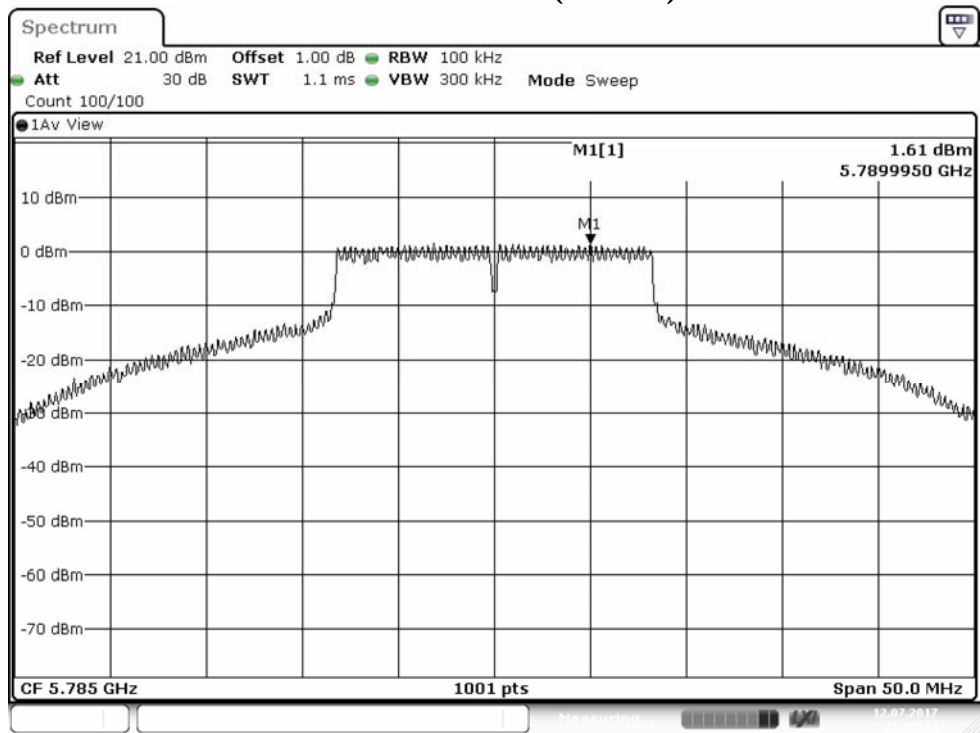


Channel 149: (Chain B)

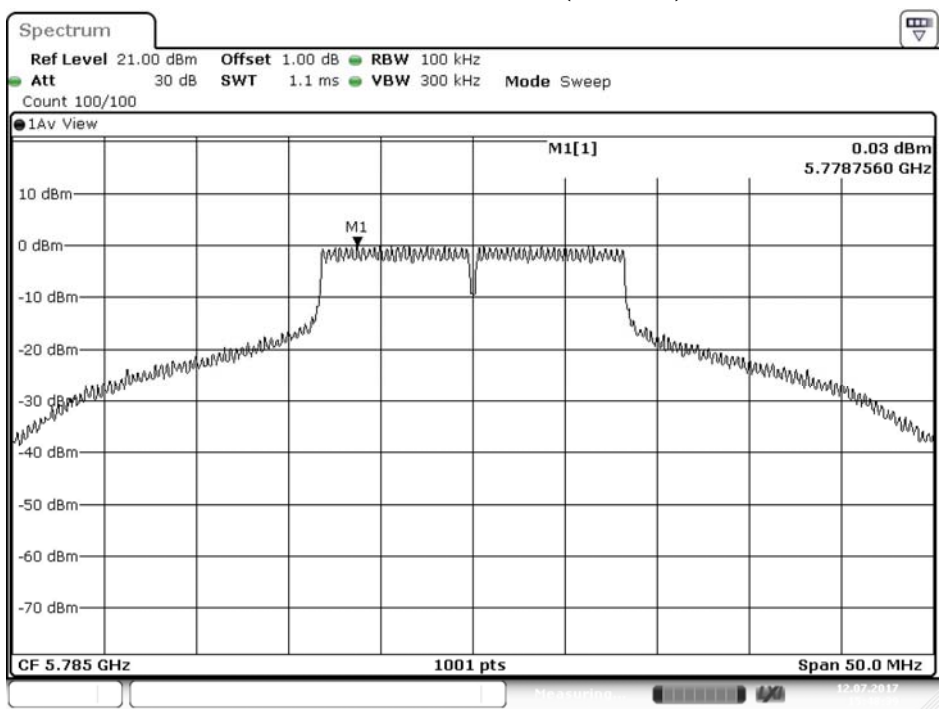


Date: 12.JUL.2017 15:45:51

Channel 157: (Chain A)

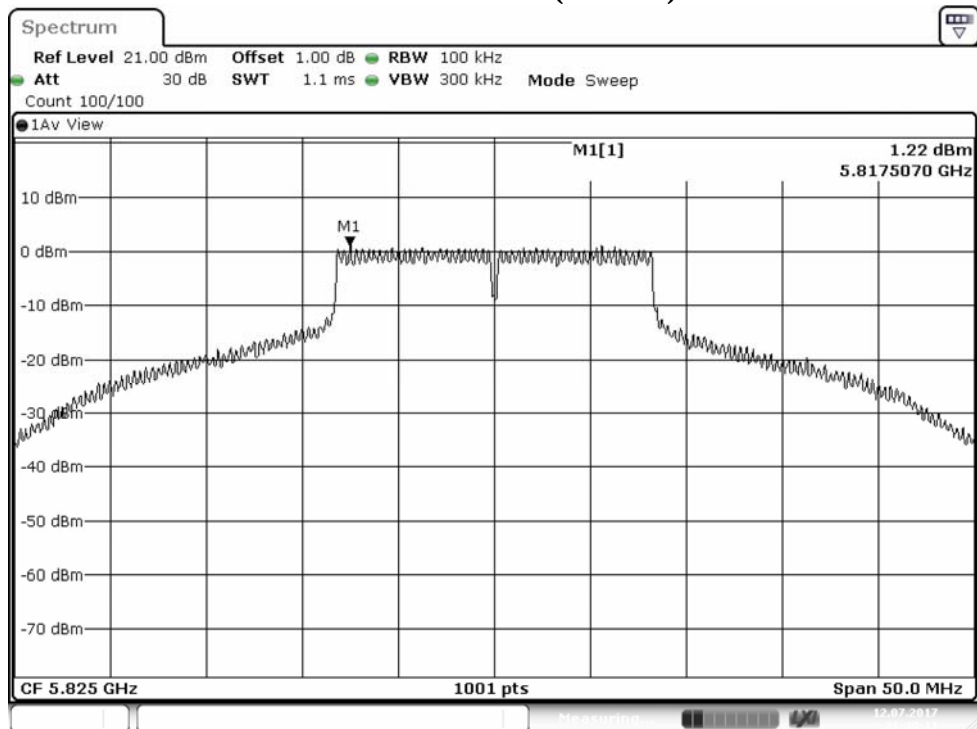


Channel 157: (Chain B)

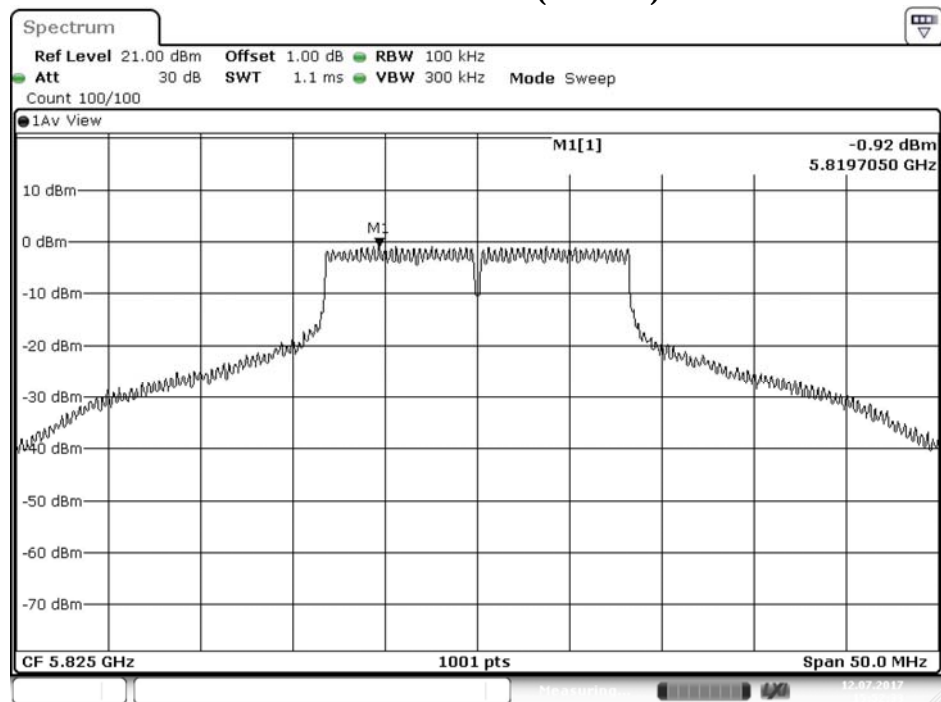


Date: 12 JUL 2017 15:48:39

Channel 165: (Chain A)



Channel 165: (Chain B)



Date: 12.JUL.2017 15:52:33

待測物名稱：Intel® Wireless-AC 9260

待測物型號：9260NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：106 年 07 月 12 日

測試項目：峰值功率頻譜密度

測試模式：Mode 1: 發射器 802.11n-40BW_Beamforming

視頻頻寬：1MHz

環境溫度：21 °C

環境濕度：53 %

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	Total PSD (dBm)	Required Limit (dBm)	Result
38	5190	A	3.660	6.670	11	Pass
		B	3.000	6.010	11	Pass
46	5230	A	5.070	8.080	11	Pass
		B	4.520	7.530	11	Pass
54	5270	A	5.130	8.140	11	Pass
		B	4.570	7.580	11	Pass
62	5310	A	0.340	3.350	11	Pass
		B	-0.420	2.590	11	Pass
102	5510	A	2.080	5.090	11	Pass
		B	1.650	4.660	11	Pass
110	5550	A	4.900	7.910	11	Pass
		B	4.800	7.810	11	Pass
134	5670	A	4.960	7.970	11	Pass
		B	4.300	7.310	11	Pass

Note :

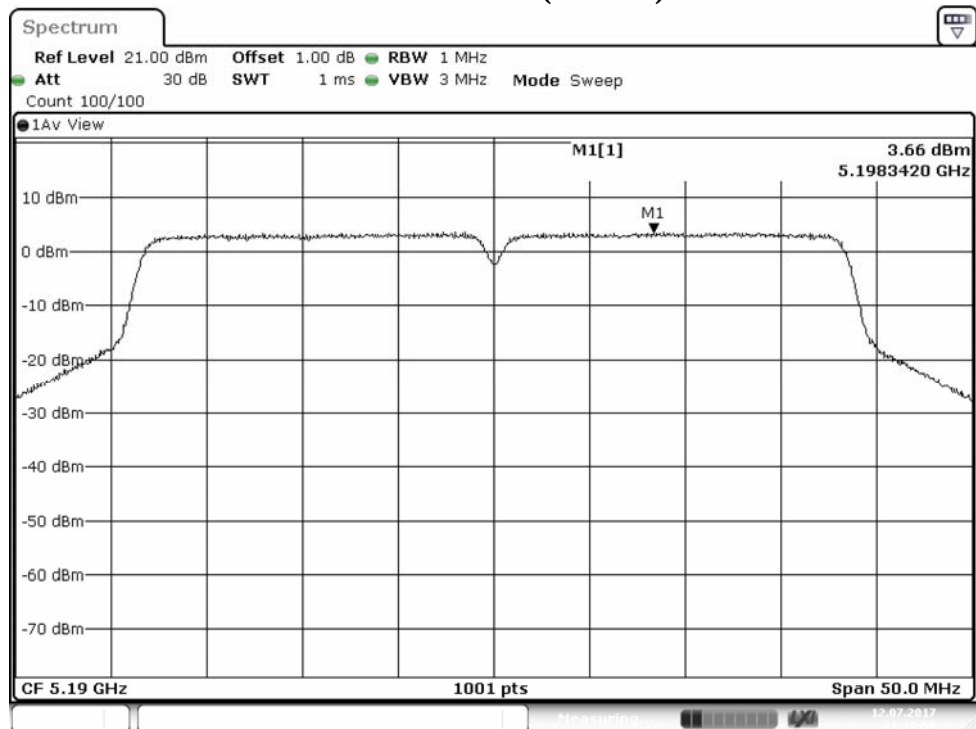
The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
151	5755	A	-3.590	6.980	6.400	<30	Pass
		B	-4.750	6.980	5.240	<30	Pass
159	5795	A	-4.650	6.980	5.340	<30	Pass
		B	-6.140	6.980	3.850	<30	Pass

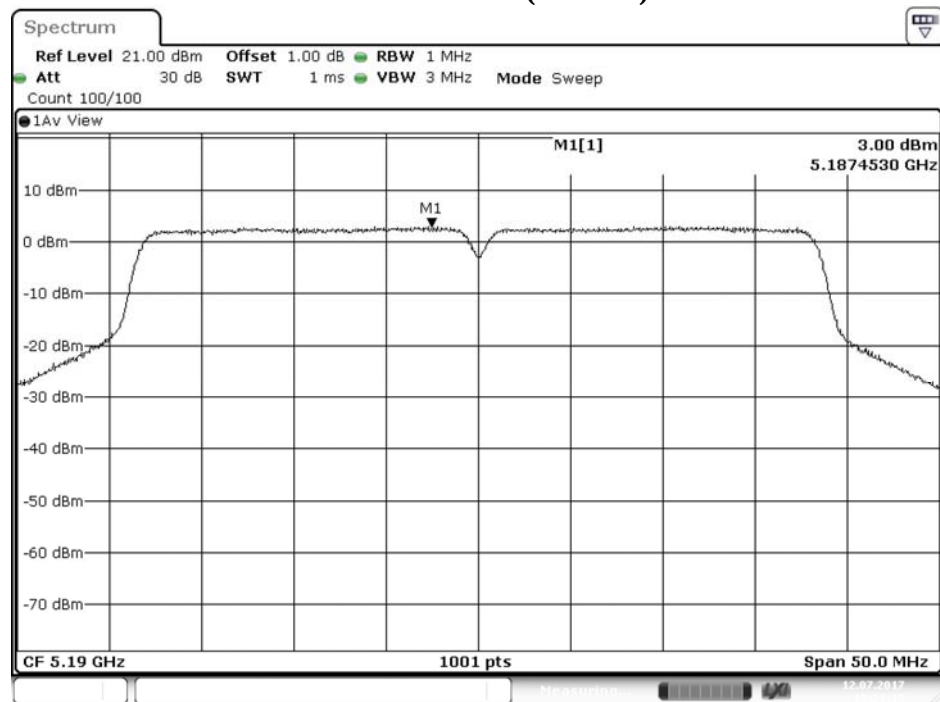
Note :

The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

Channel 38: (Chain A)

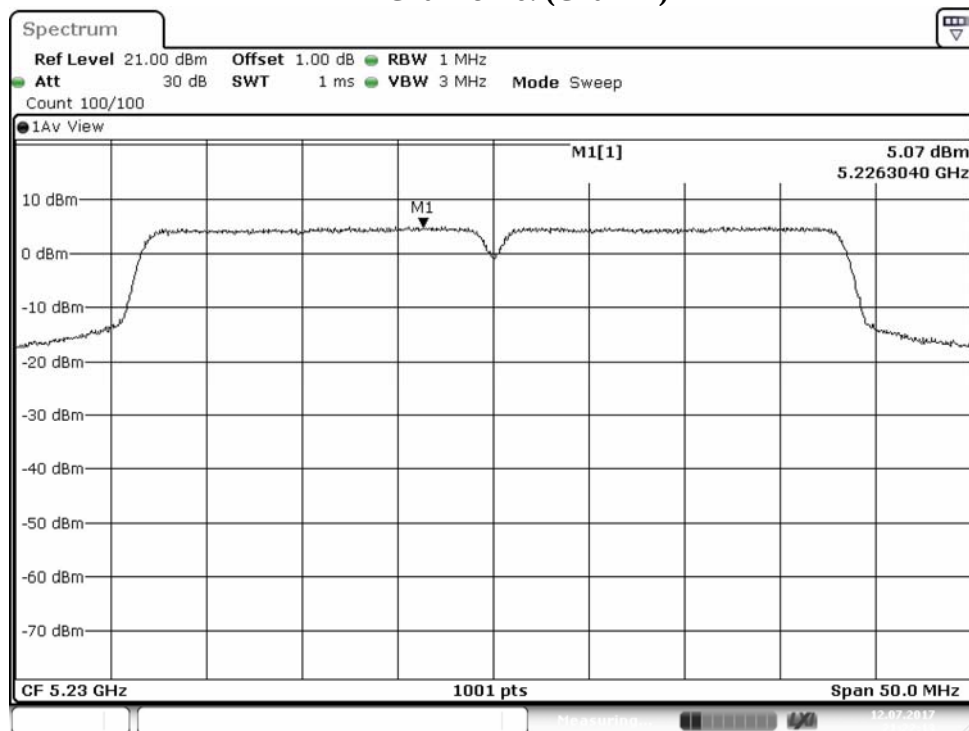


Channel 38: (Chain B)

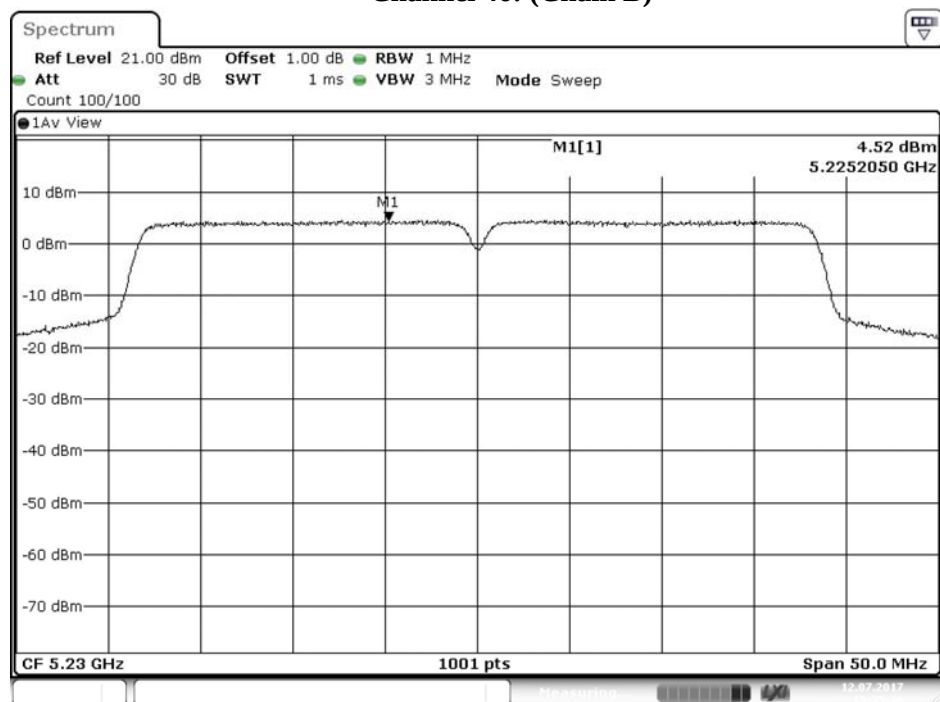


Date: 12 JUL 2017 15:23:20

Channel 46: (Chain A)

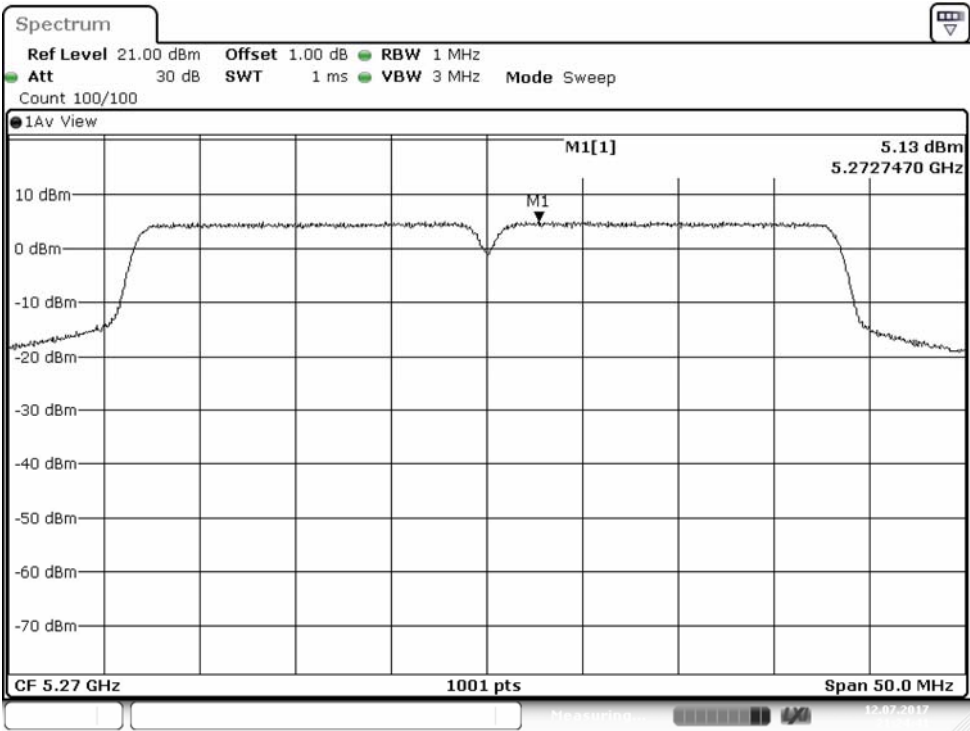


Channel 46: (Chain B)

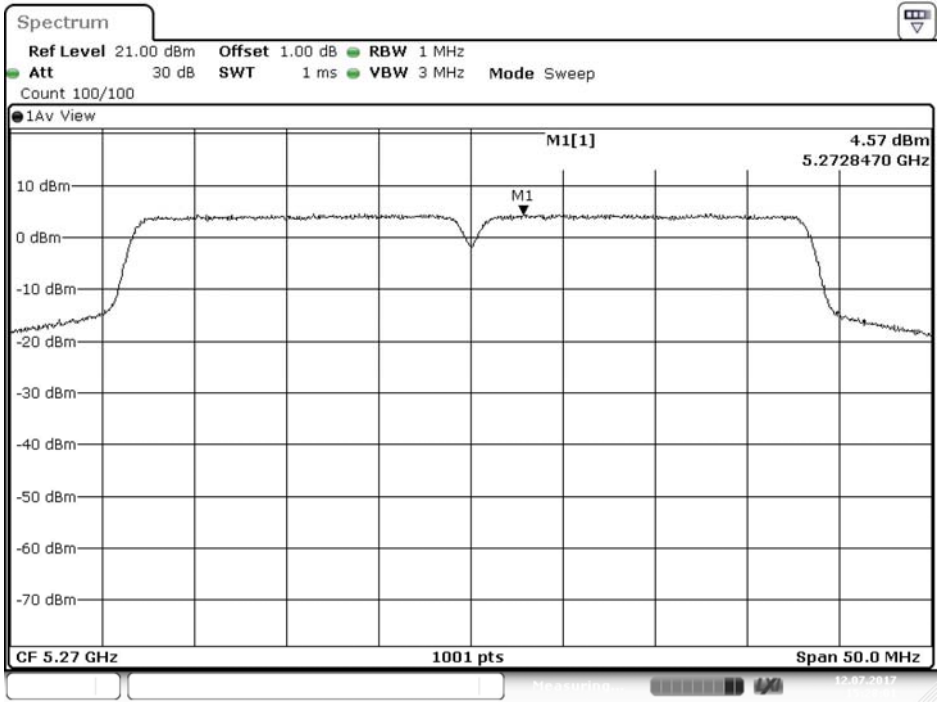


Date: 12.JUL.2017 15:25:37

Channel 54: Chain A

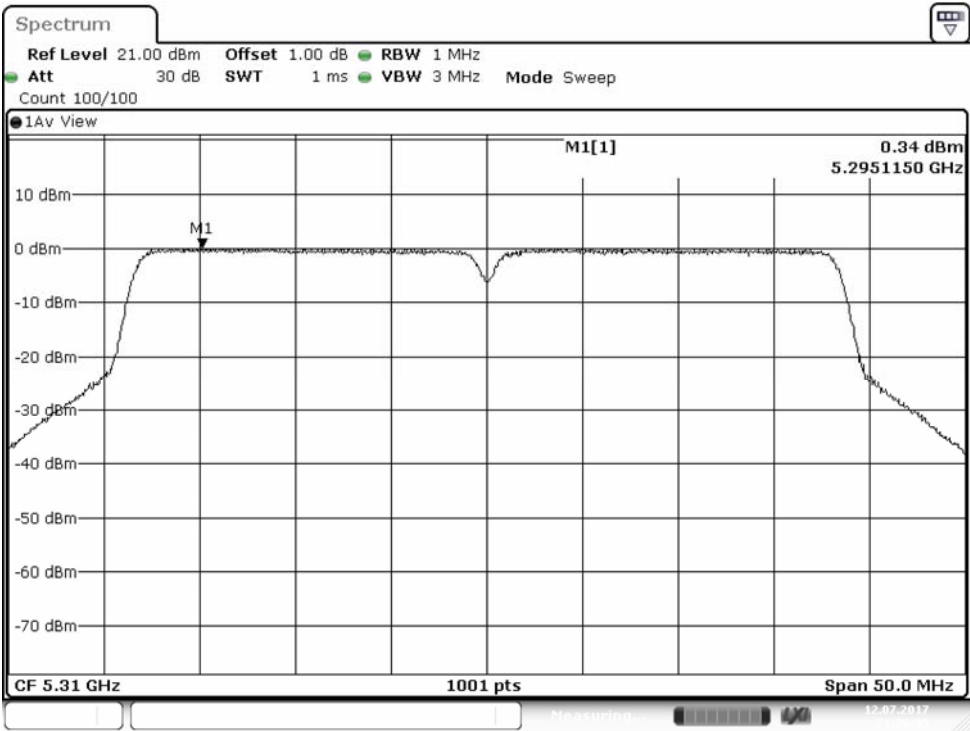


Channel 54: Chain B

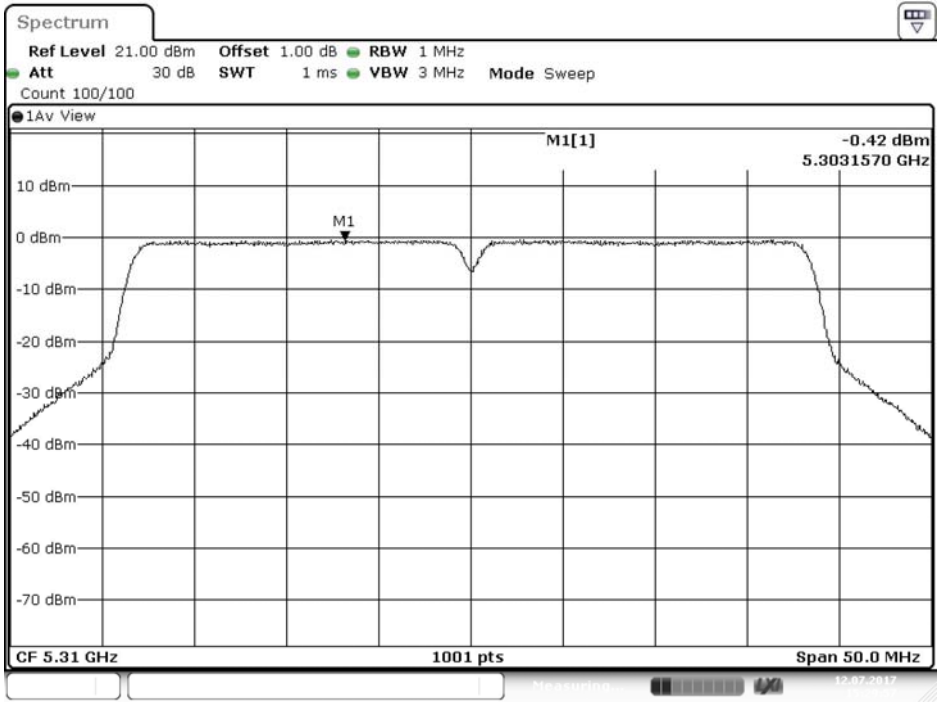


Date: 12.JUL.2017 15:28:02

Channel 62: Chain A

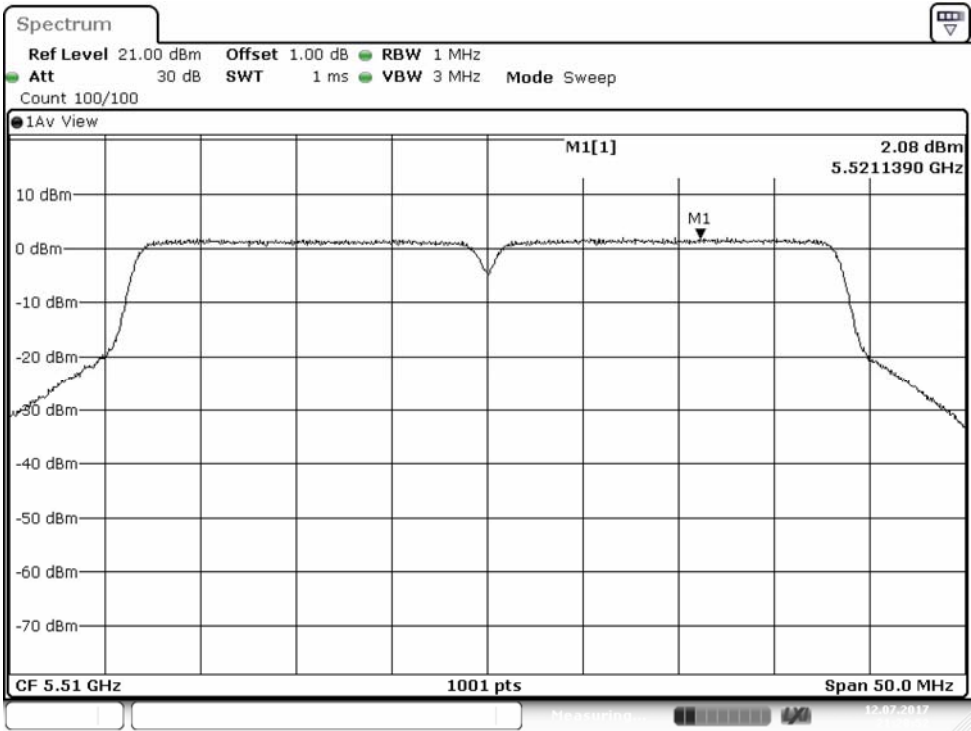


Channel 62: Chain B

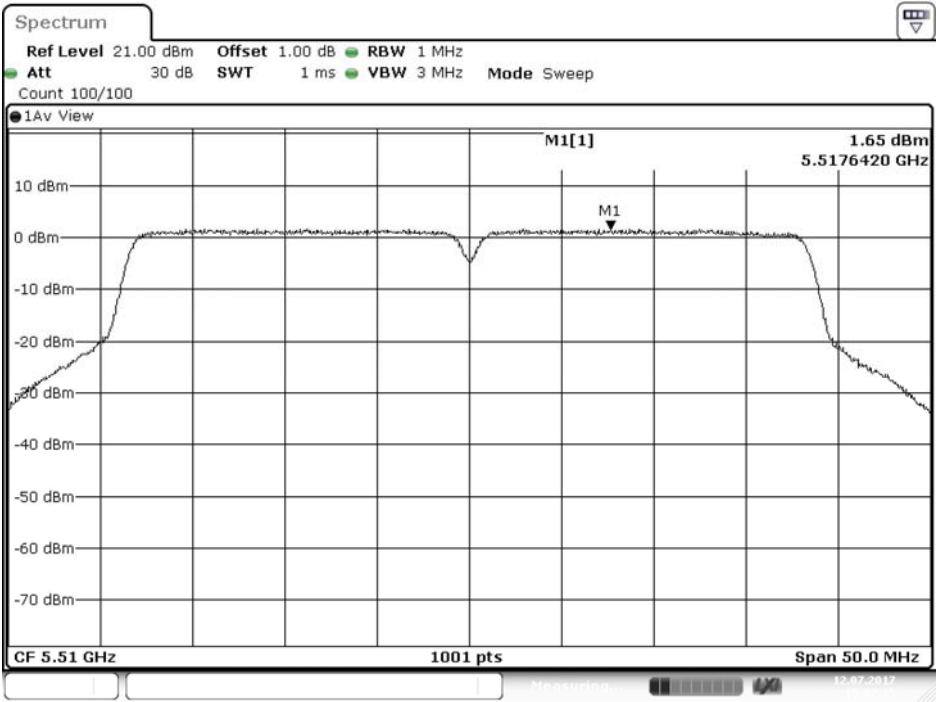


Date: 12.JUL.2017 15:29:58

Channel 102: Chain A

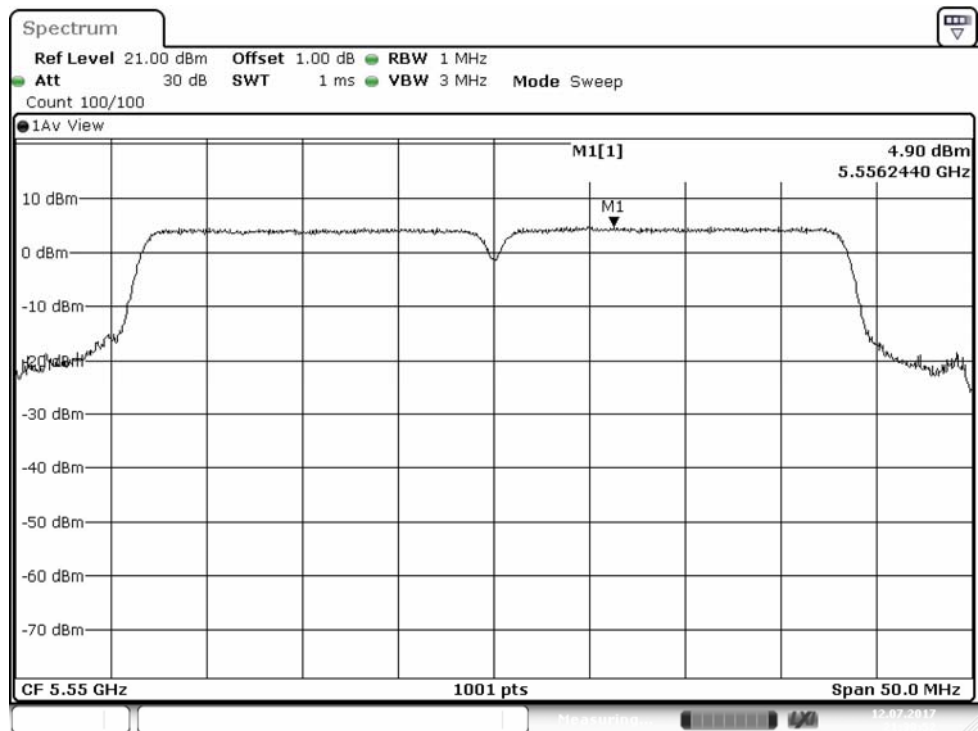


Channel 102: Chain B

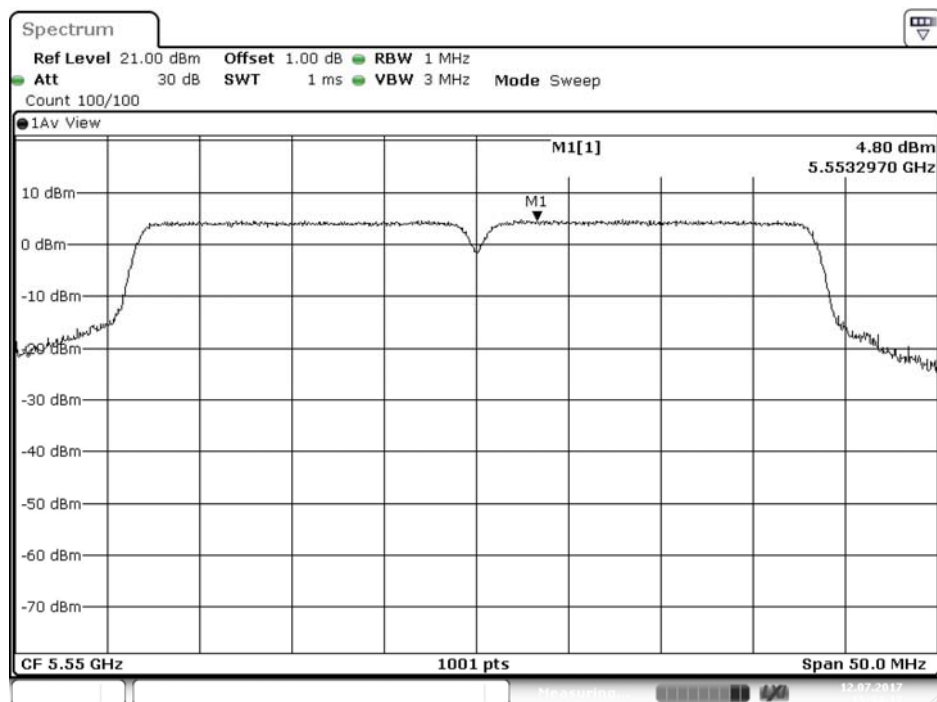


Date: 12.JUL.2017 15:32:15

Channel 110: Chain A

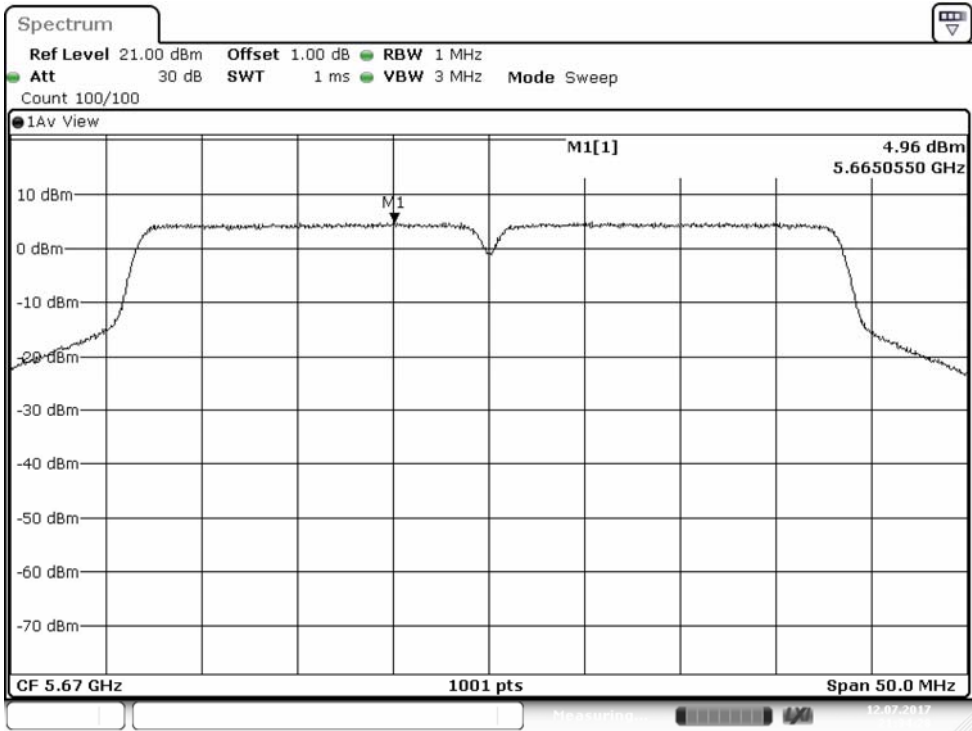


Channel 110: Chain B

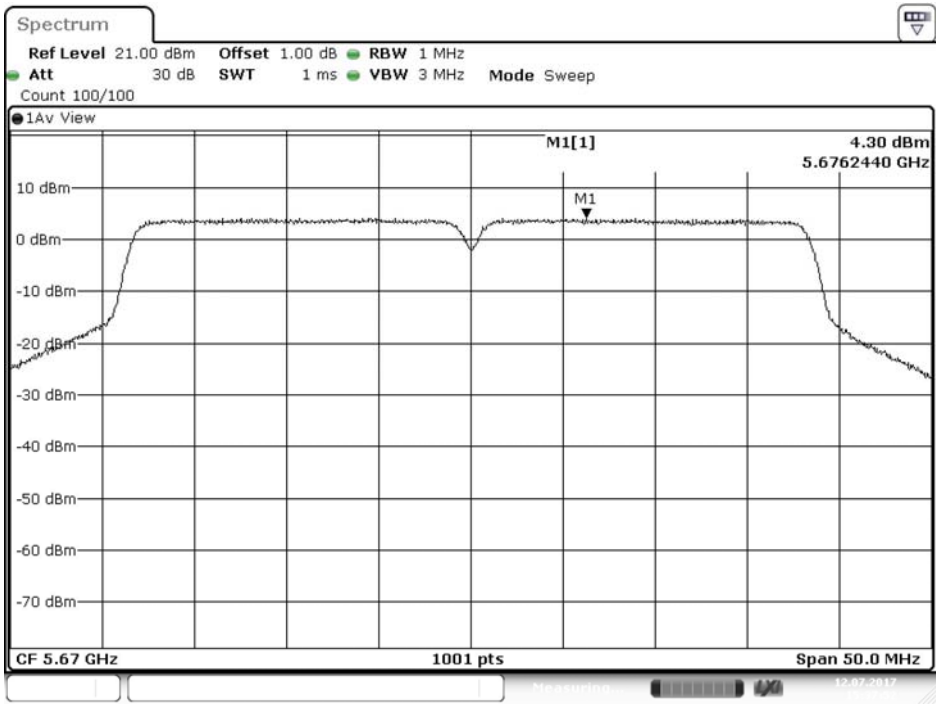


Date: 12.JUL.2017 15:34:17

Channel 134: Chain A

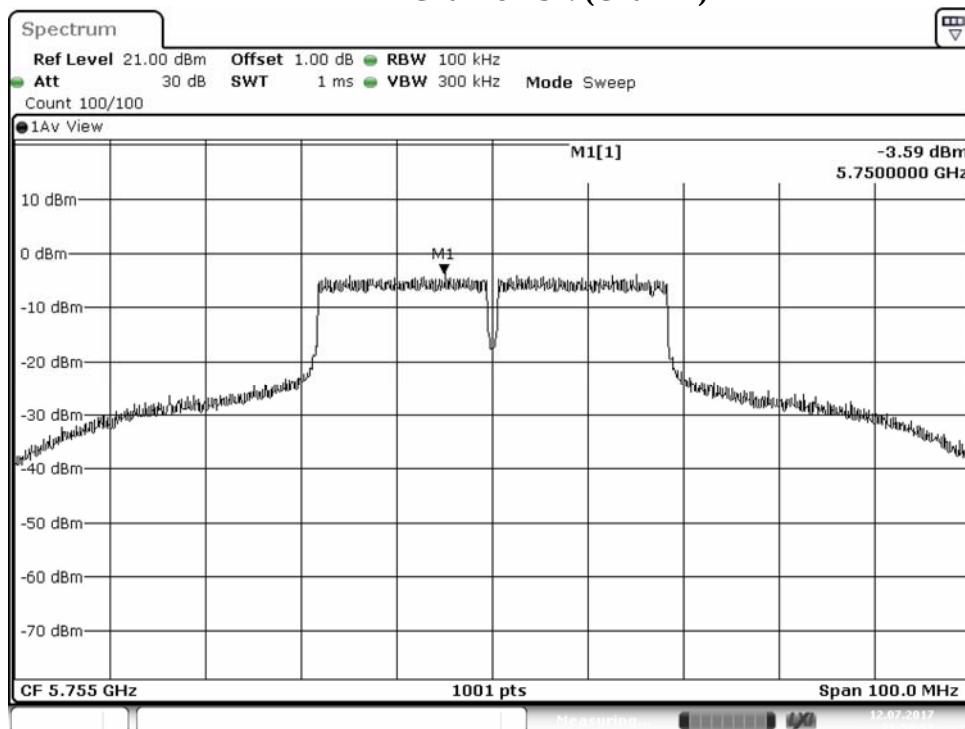


Channel 134: Chain B

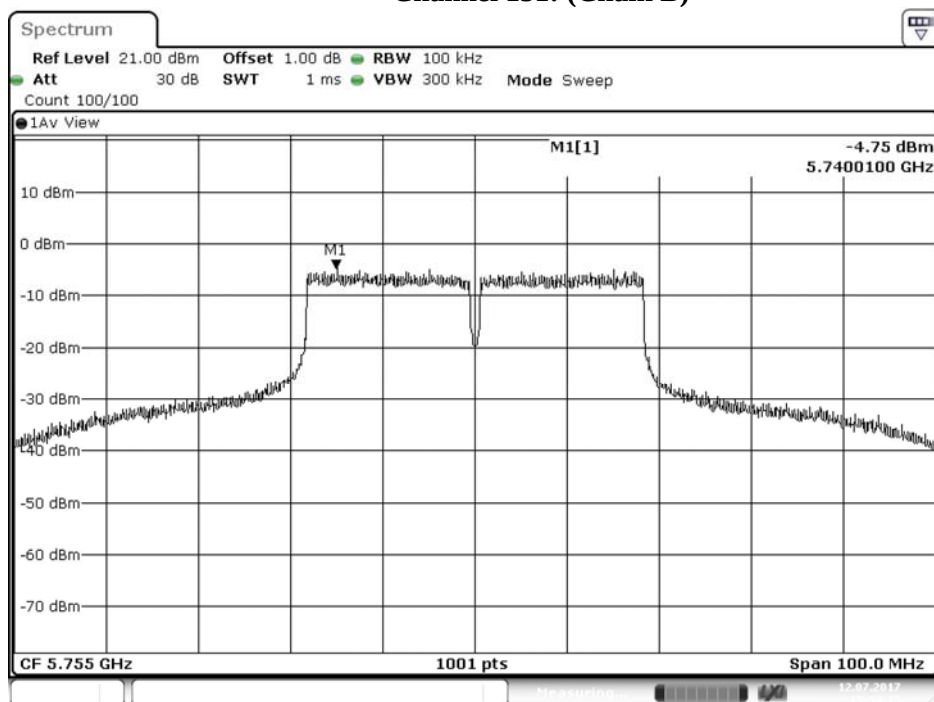


Date: 12.JUL.2017 15:37:52

Channel 151: (Chain A)

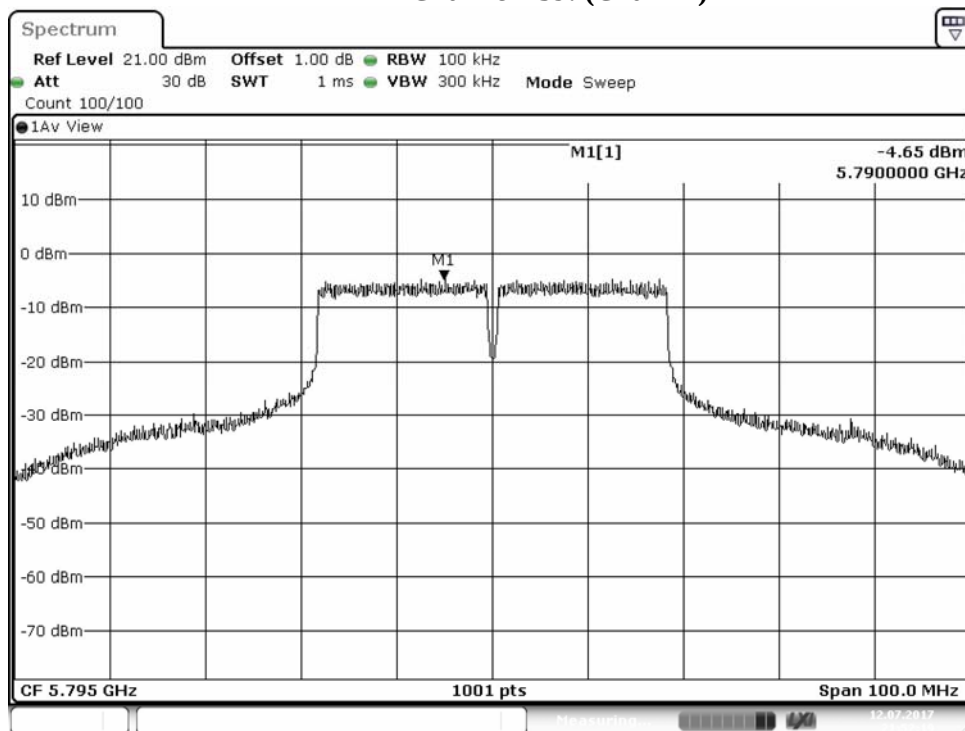


Channel 151: (Chain B)

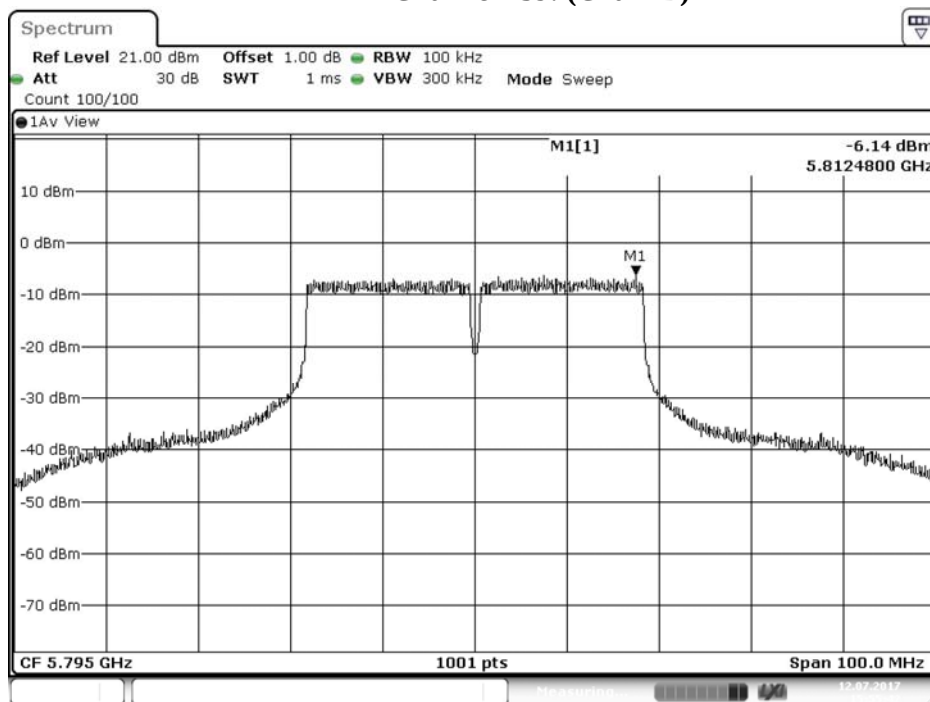


Date: 12.JUL.2017 15:54:16

Channel 159: (Chain A)



Channel 159: (Chain B)



Date: 12.JUL.2017 15:55:43

待測物名稱：Intel® Wireless-AC 9260

待測物型號：9260NGW

測試頻道：--

6 dB 頻寬：1MHz

檢測器：峰值

測試日期：106 年 07 月 12 日

測試項目：峰值功率頻譜密度

測試模式：Mode 1: 發射器

802.11ac-20BW_Beamforming

視頻頻寬：3MHz

環境溫度：21 °C

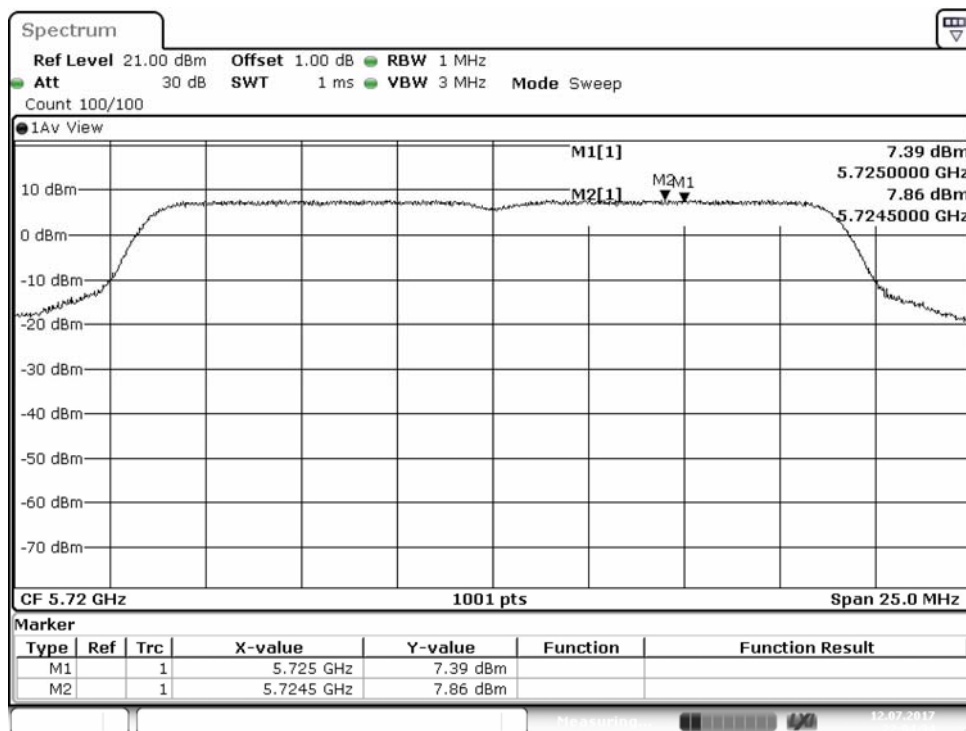
環境濕度：53 %

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
144	5720(Band3)	A	7.860	--	10.870	<11	Pass
		B	7.280	--	10.290	<11	Pass
144	5720(Band4)	A	-0.920	6.98	9.070	<30	Pass
		B	-1.100	6.98	8.890	<30	Pass

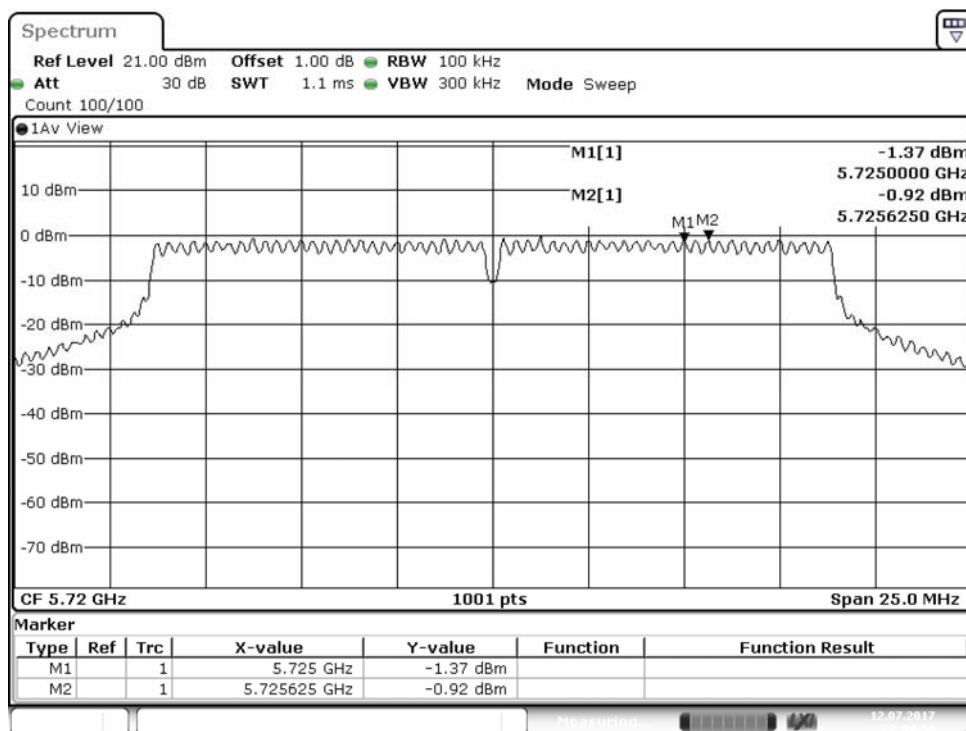
Note :

The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

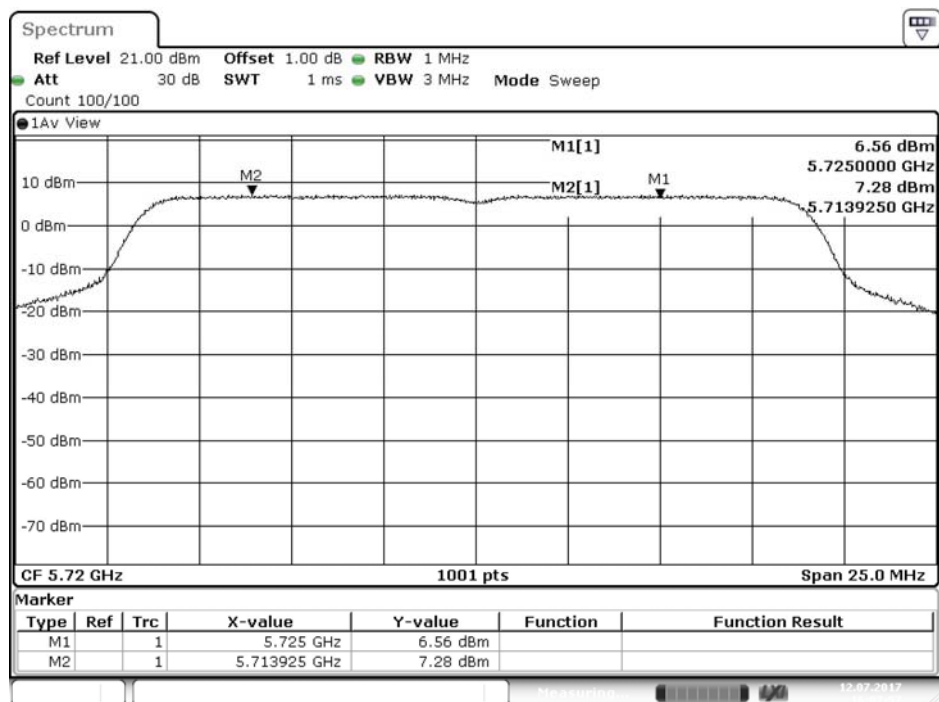
Channel 144: Chain A



Channel 144: Chain A

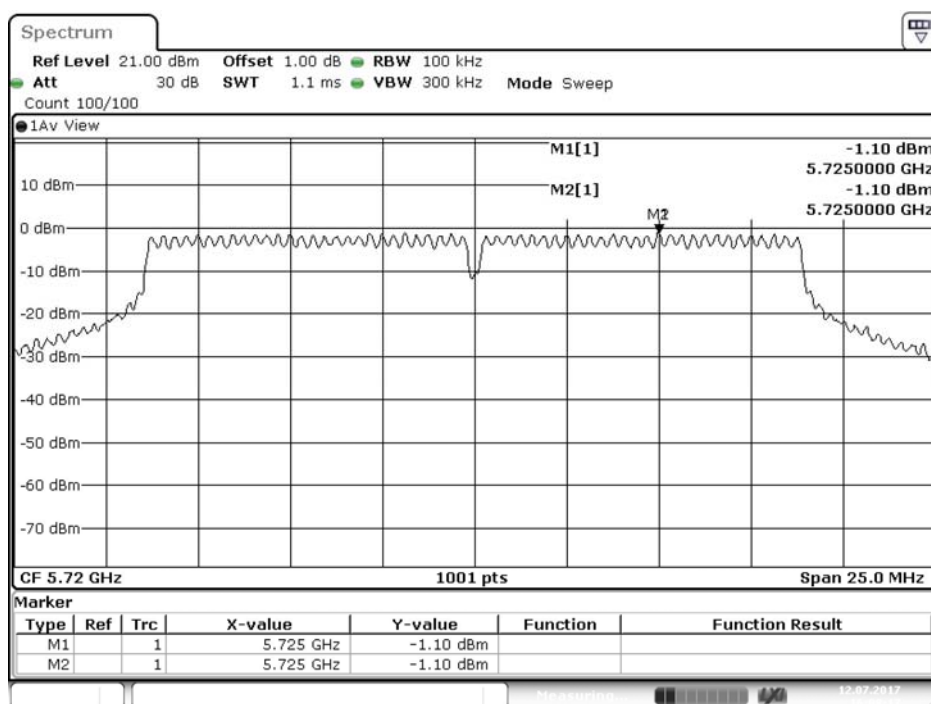


Channel 144: Chain B



Date: 12.JUL.2017 16:07:58

Channel 144: Chain B



Date: 12.JUL.2017 16:08:17

待測物名稱：Intel® Wireless-AC 9260

待測物型號：9260NGW

測試項目：峰值功率頻譜密度

測試頻道：--

測試模式：Mode 1: 發射器
802.11ac-40BW_Beamforming

6 dB 頻寬：1MHz

視頻頻寬：3MHz

檢測器：峰值

環境溫度：21 °C

測試日期：106 年 07 月 13 日

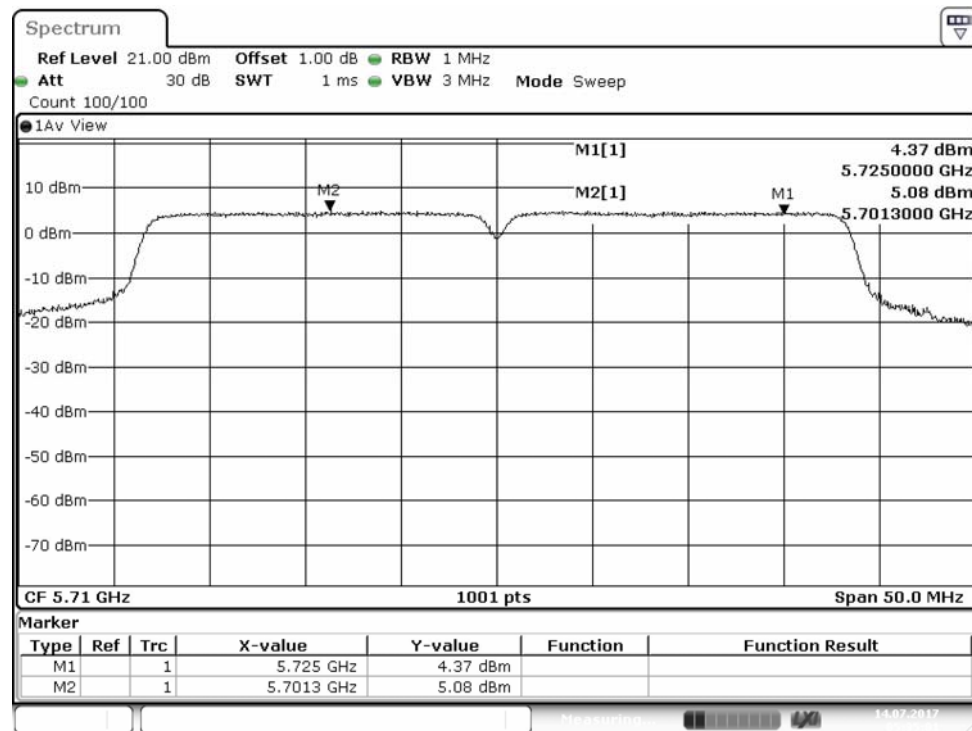
環境濕度：53 %

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
142	5710(Band3)	A	5.080	--	8.090	<11	Pass
		B	5.520	--	8.530	<11	Pass
142	5710(Band4)	A	-3.950	6.98	6.040	<30	Pass
		B	-3.000	6.98	6.990	<30	Pass

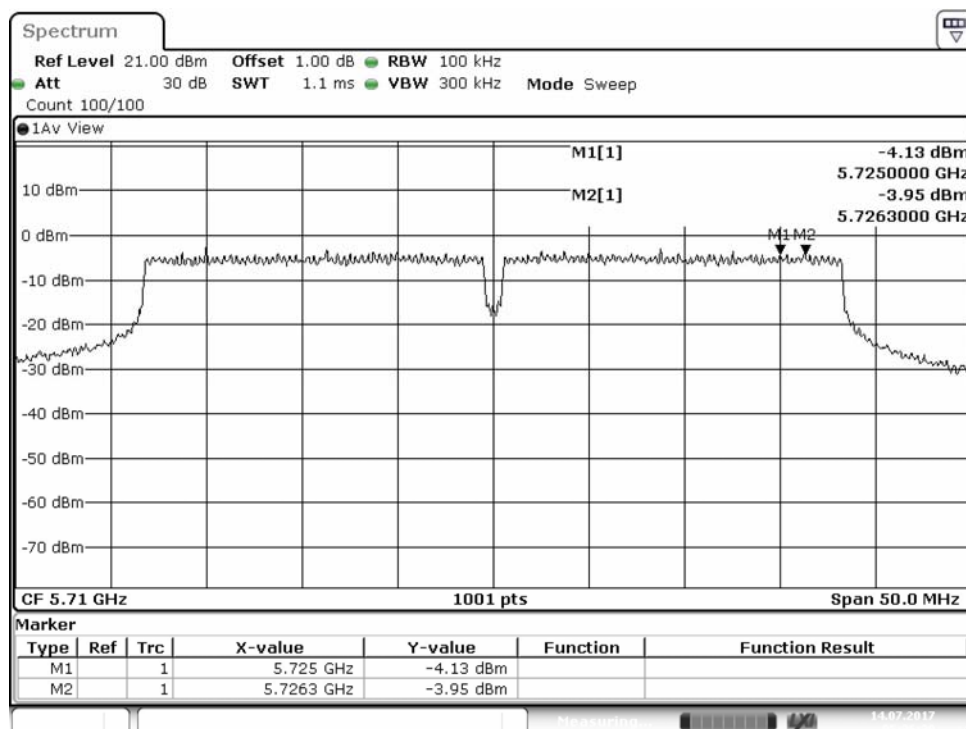
Note :

The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

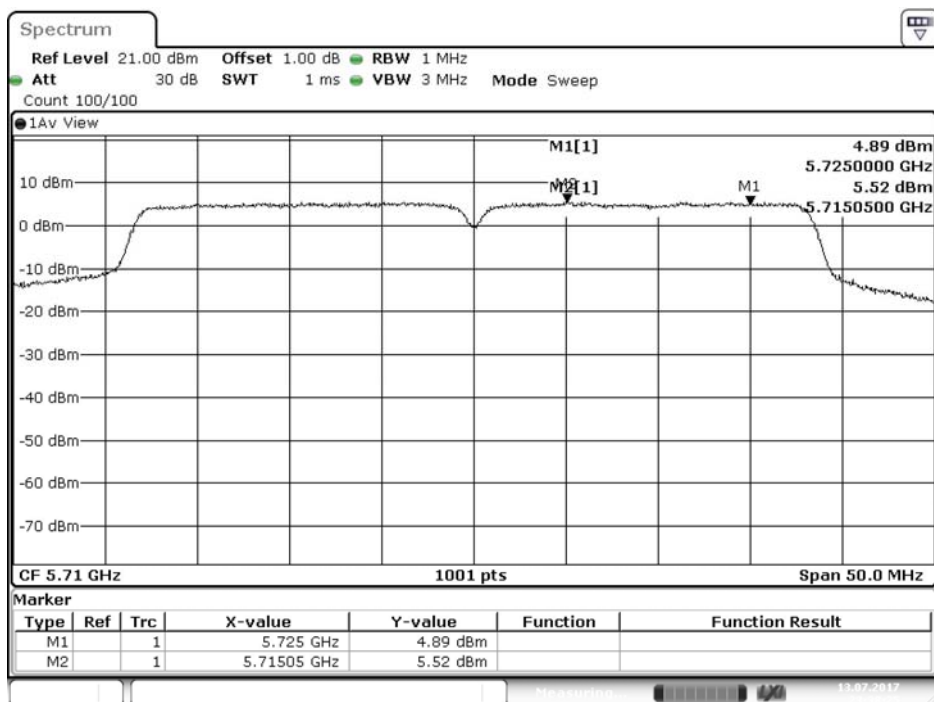
Channel 142: Chain A



Channel 142: Chain A

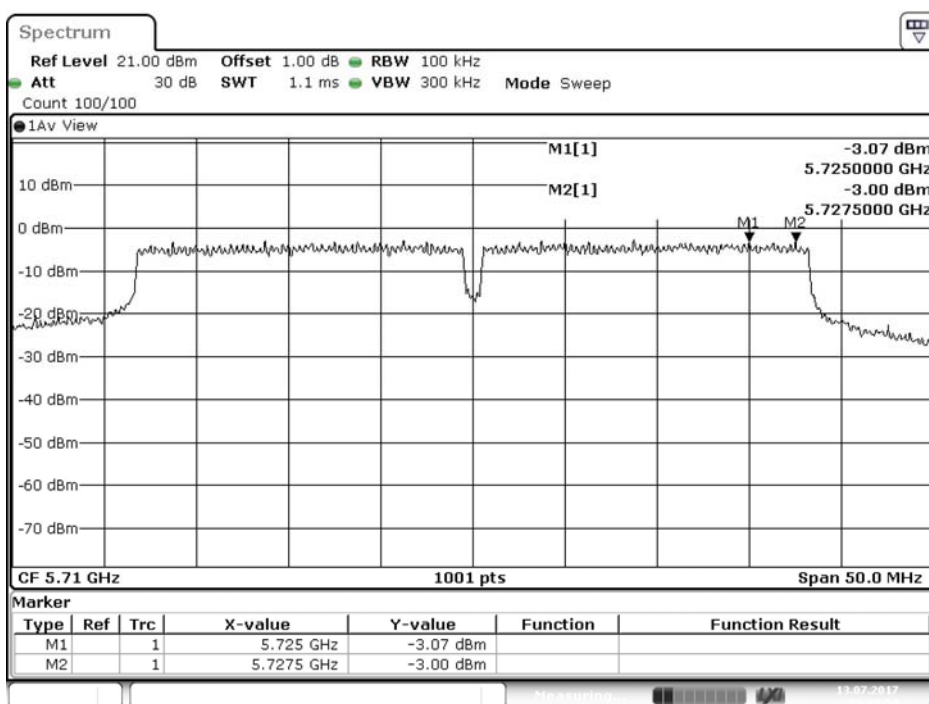


Channel 142: Chain B



Date: 13.JUL.2017 23:38:25

Channel 142: Chain B



Date: 13.JUL.2017 23:39:55

待測物名稱：Intel® Wireless-AC 9260

待測物型號：9260NGW

測試項目：峰值功率頻譜密度

測試模式：Mode 1: 發射器

測試頻道：--

802.11ac-80BW_Beamforming

6 dB 頻寬：1MHz

視頻頻寬：1MHz

檢測器：峰值

環境溫度：21 °C

測試日期：106 年 07 月 12 日

環境濕度：53 %

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	Total PSD (dBm)	Required Limit (dBm)	Result
42	5210	A	0.500	3.510	11	Pass
		B	0.010	3.020	11	Pass
58	5290	A	0.040	3.050	11	Pass
		B	-0.530	2.480	11	Pass
106	5530	A	0.470	3.480	11	Pass
		B	0.300	3.310	11	Pass
122	5610	A	-5.220	-2.210	11	Pass
		B	-4.090	-1.080	11	Pass
138	5690 (Band3)	A	3.070	6.080	11	Pass
		B	3.270	6.280	11	Pass

Note :

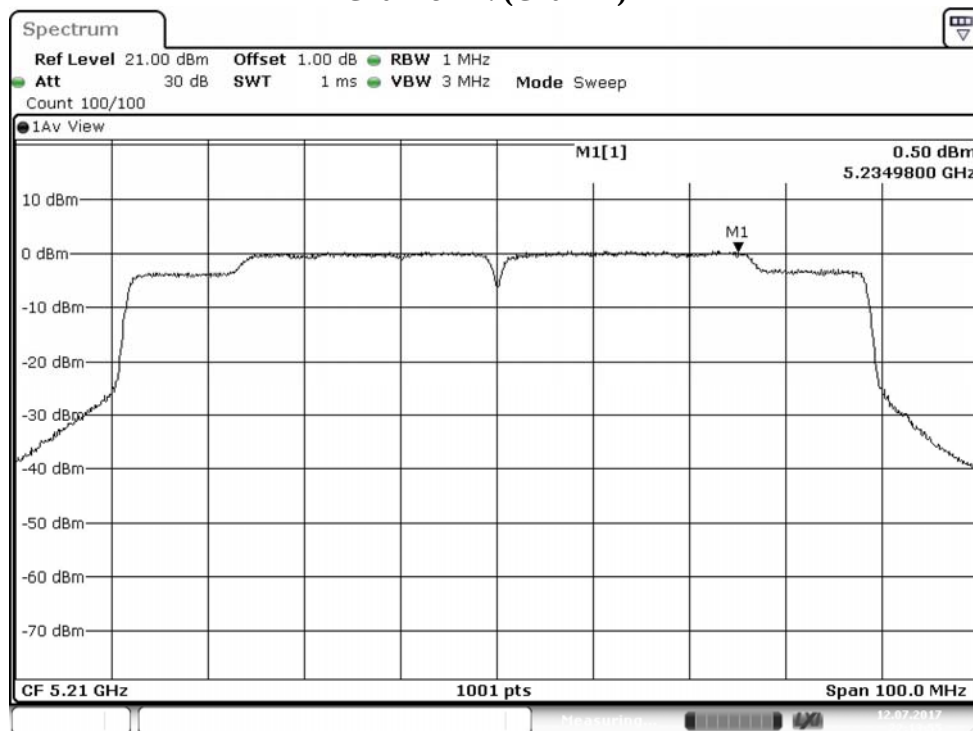
The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	BWCF (dB)	Total PSD (dBm)	Required Limit (dBm)	Result
138	5690 (Band4)	A	-8.430	6.98	1.560	<30	Pass
		B	-8.670	6.98	1.320	<30	Pass
155	5775	A	-7.060	6.98	2.930	<30	Pass
		B	-7.590	6.98	2.400	<30	Pass

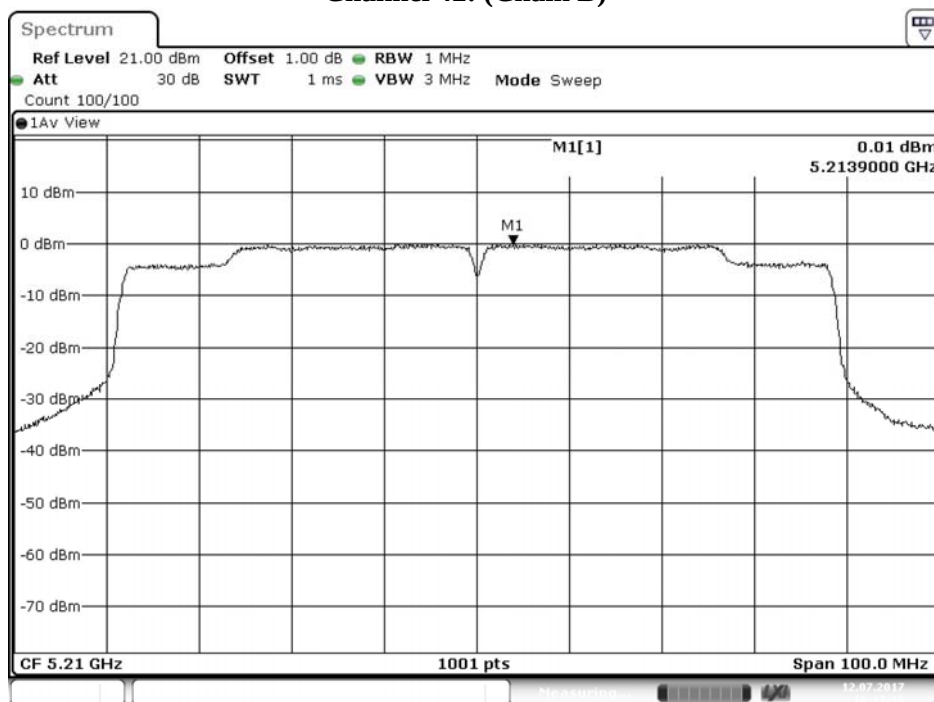
Note :

The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

Channel 42: (Chain A)

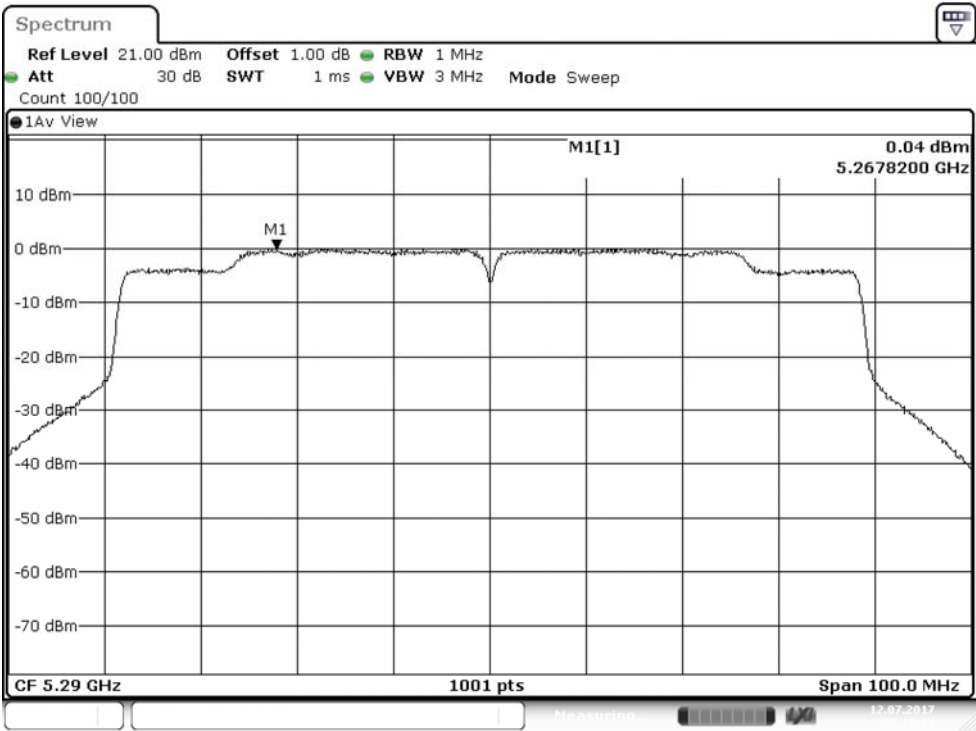


Channel 42: (Chain B)

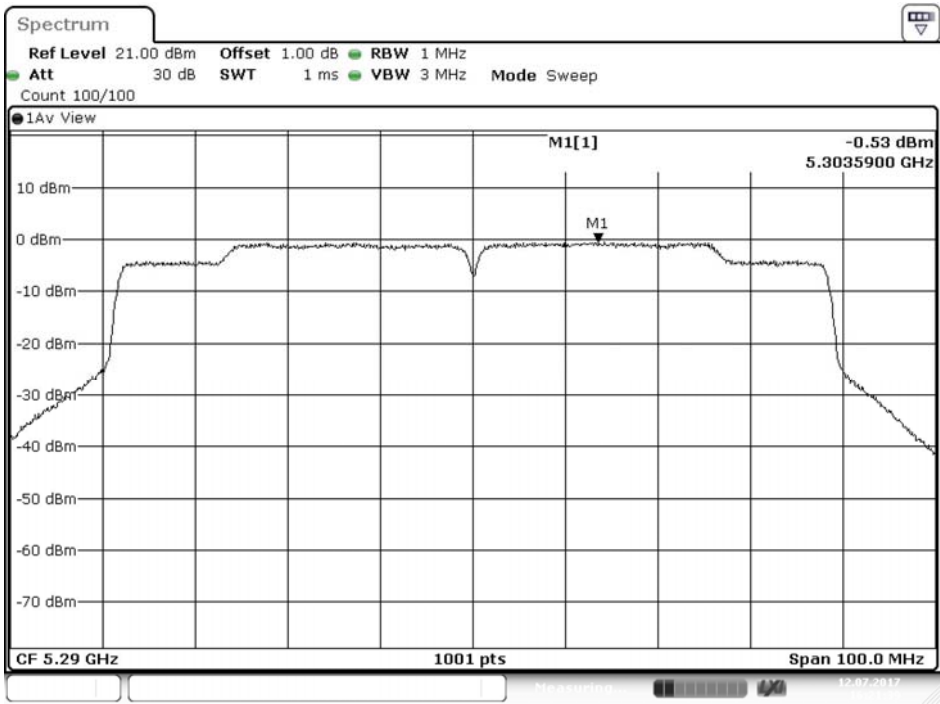


Date: 12 JUL 2017 16:17:18

Channel 58: Chain A

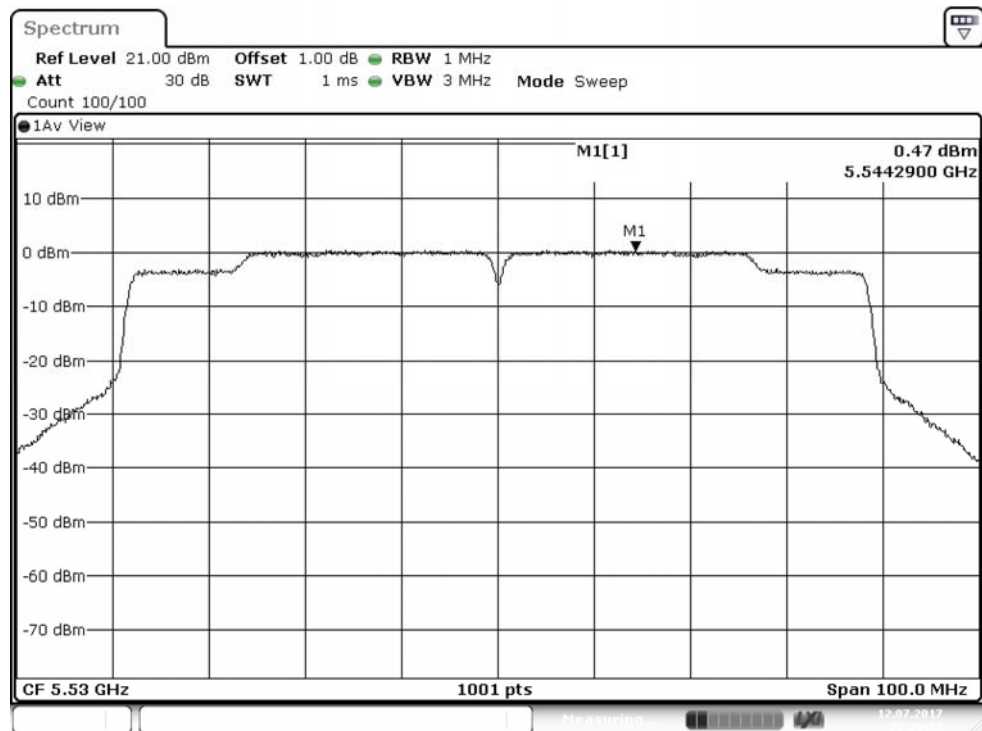


Channel 58: Chain B

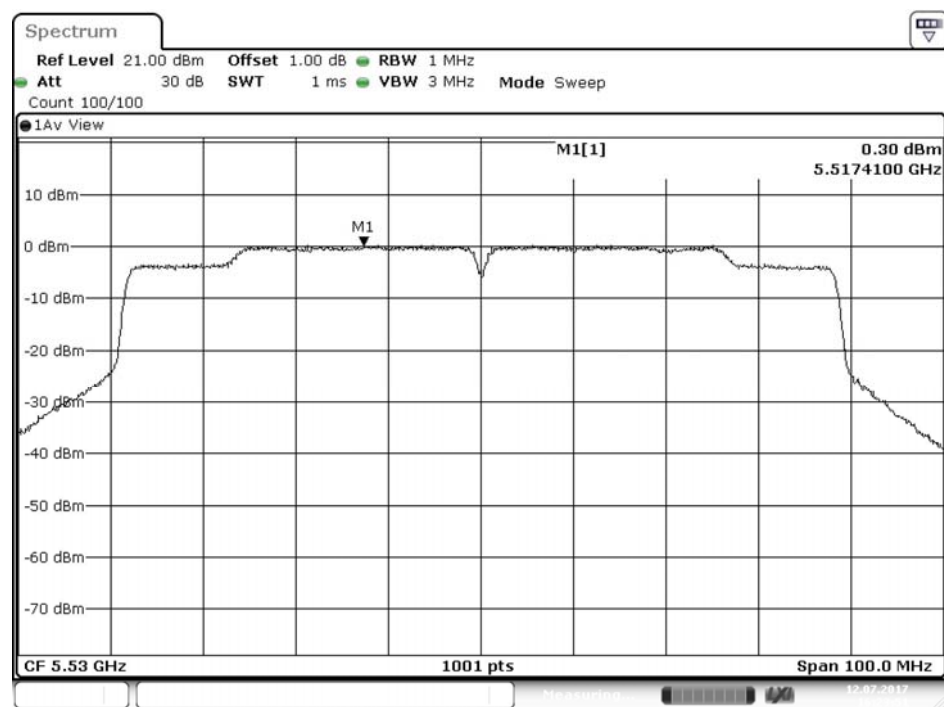


Date: 12.JUL.2017 16:21:39

Channel 106: Chain A

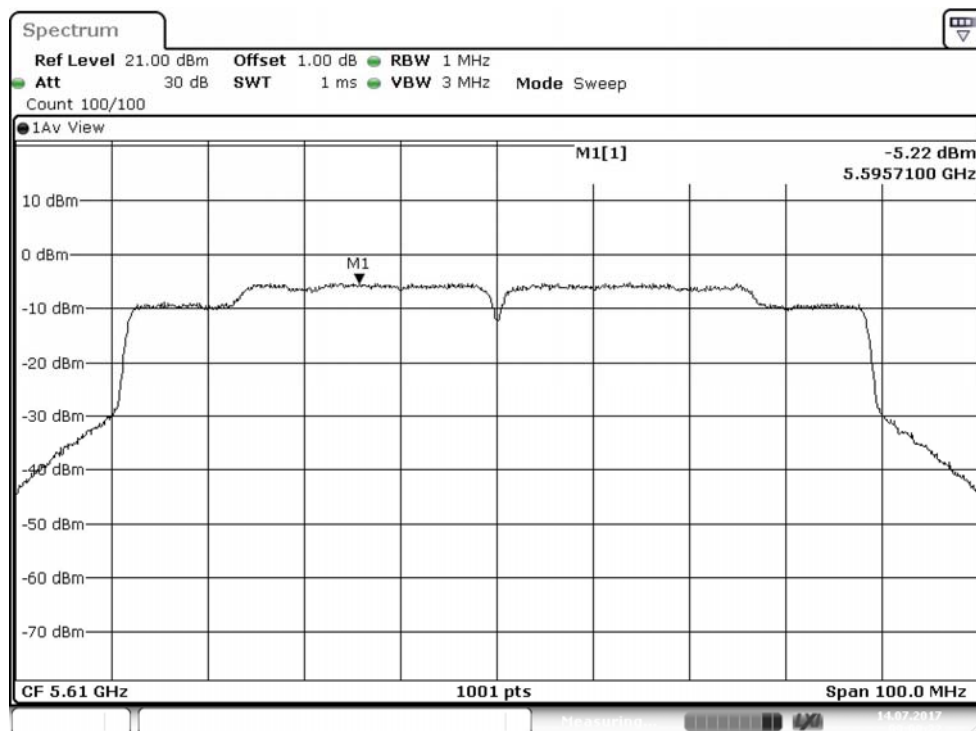


Channel 106: Chain B

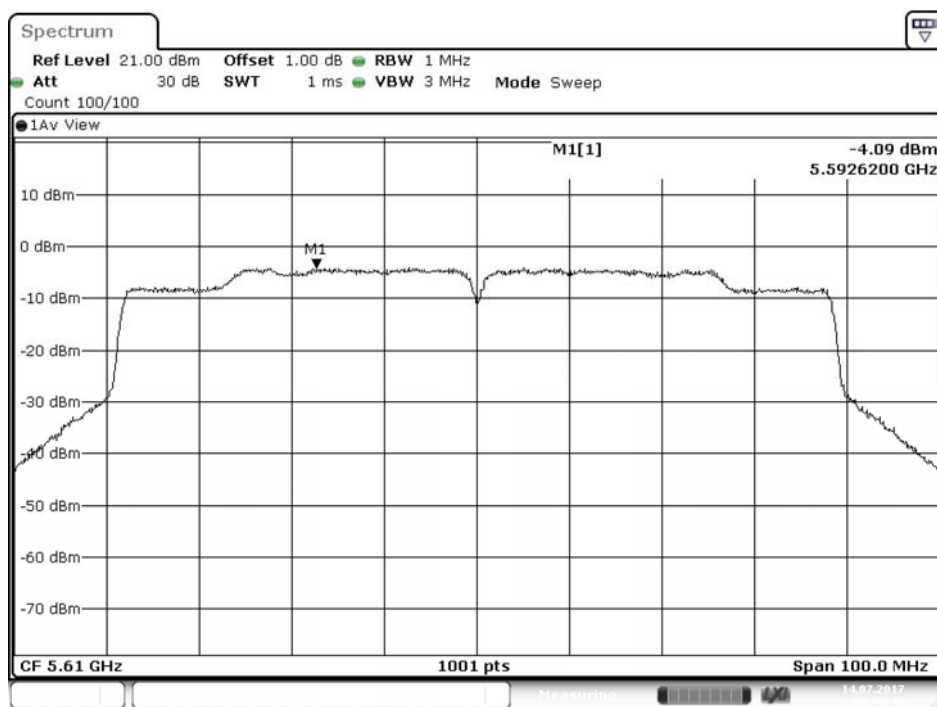


Date: 12.JUL.2017 16:23:51

Channel 122: Chain A

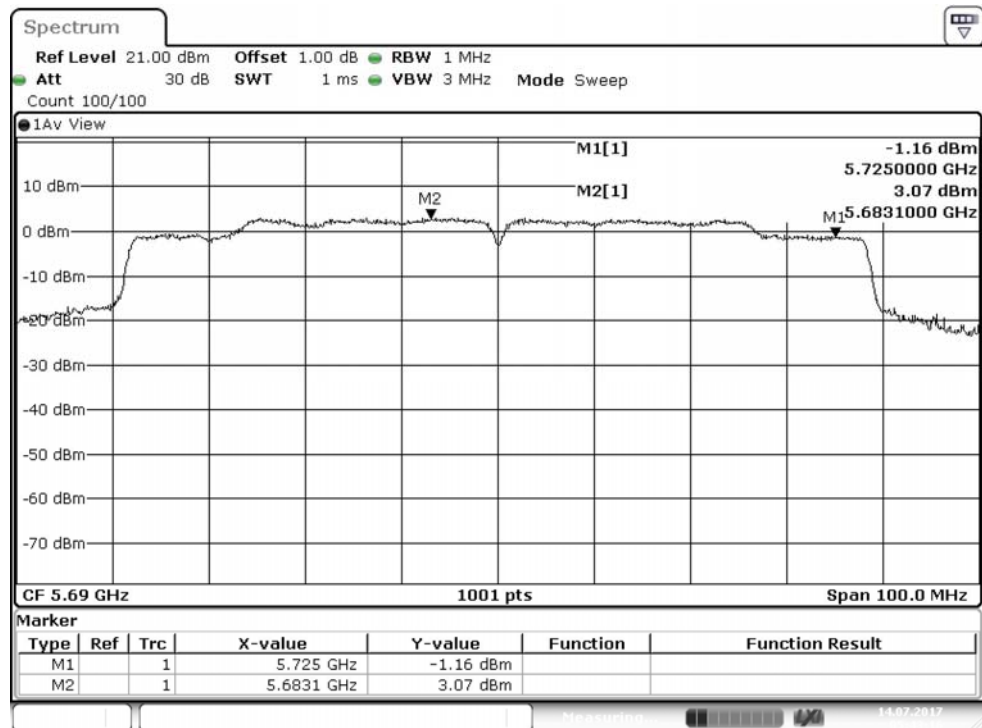


Channel 122: Chain B

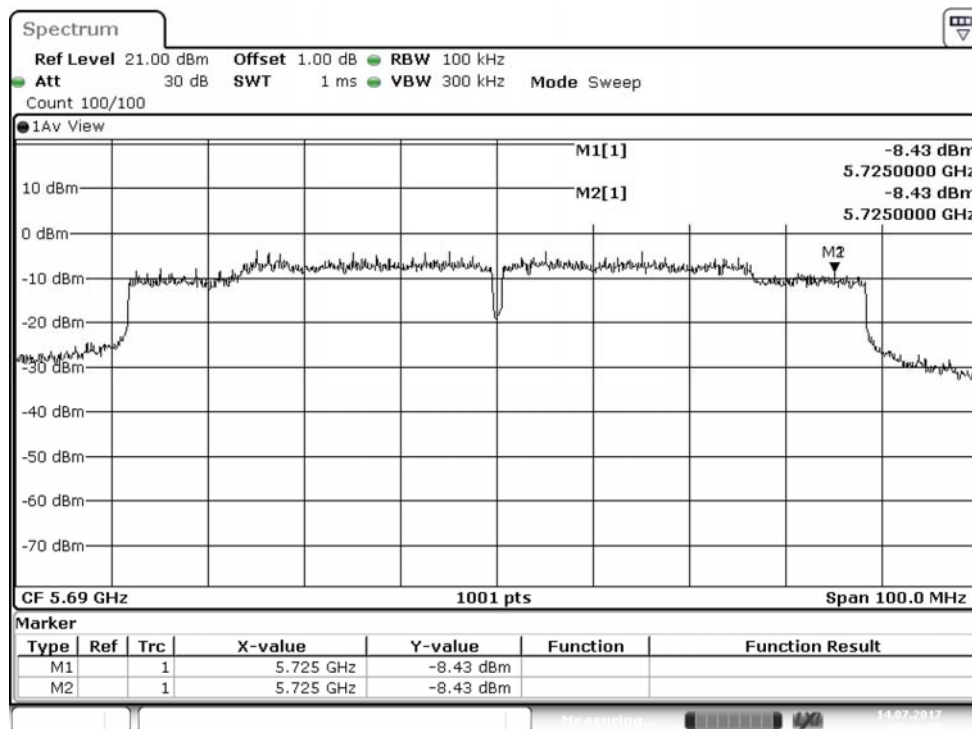


Date: 14. JUL. 2017 03:08:46

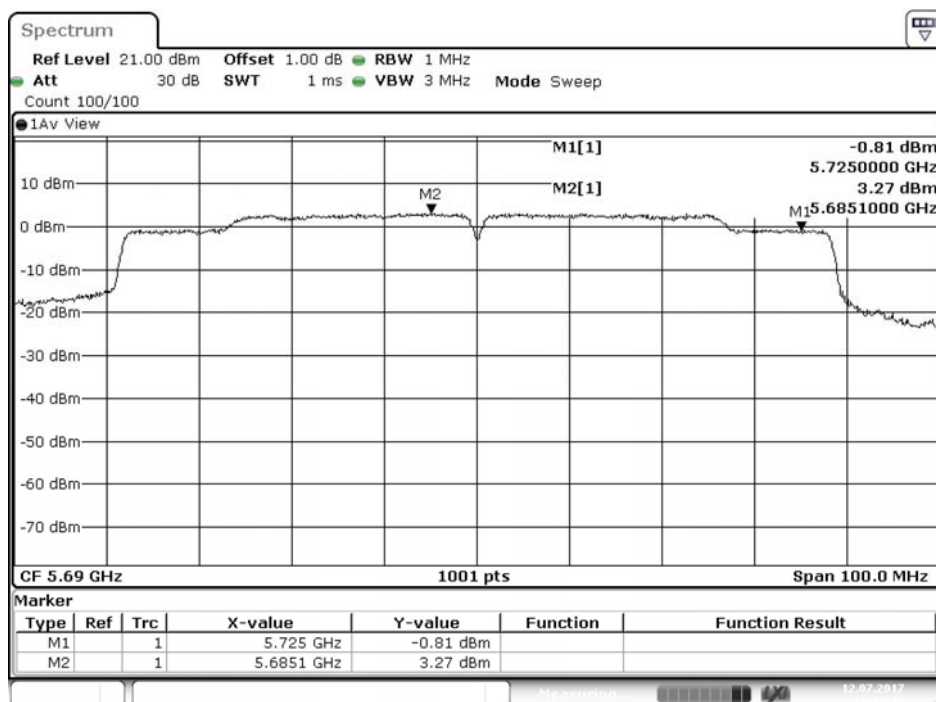
Channel 138: Chain A



Channel 138: Chain A

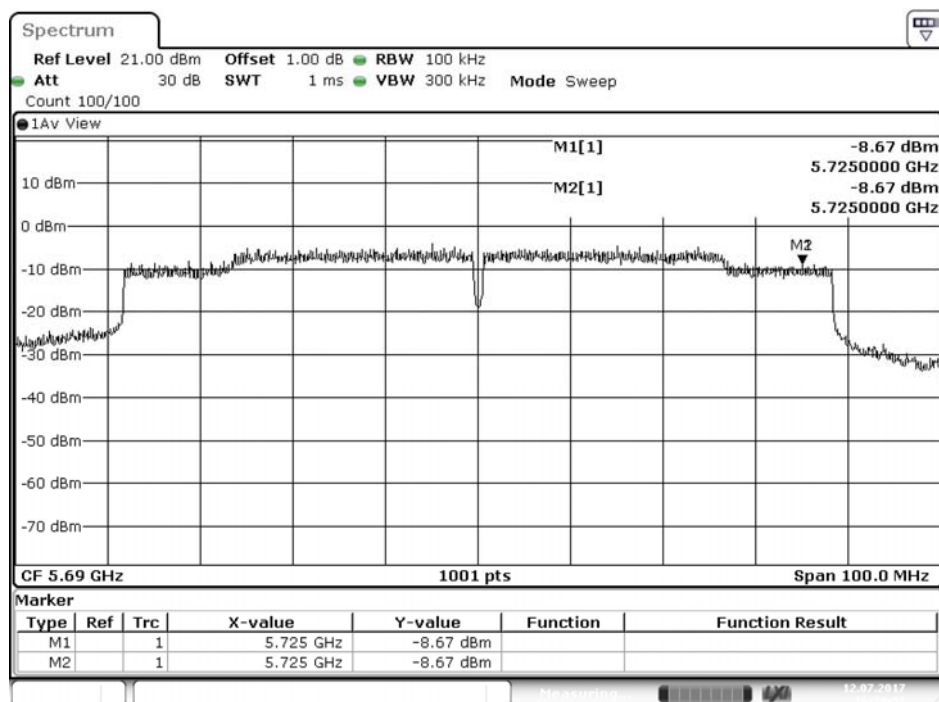


Channel 138: Chain B



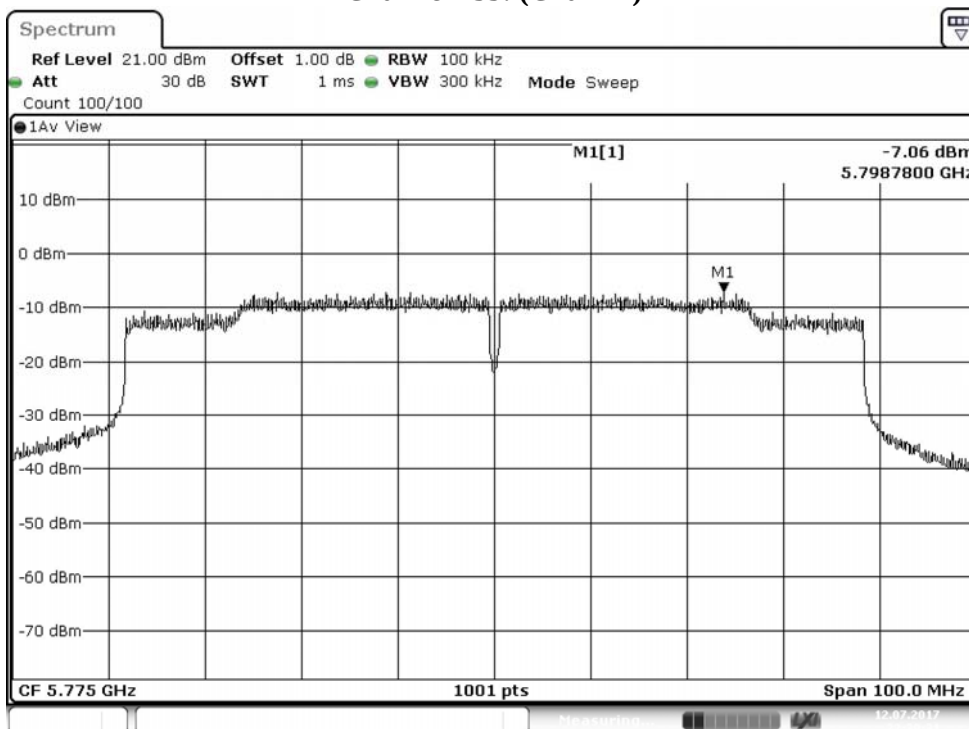
Date: 12 JUL 2017 16:28:32

Channel 138: Chain B

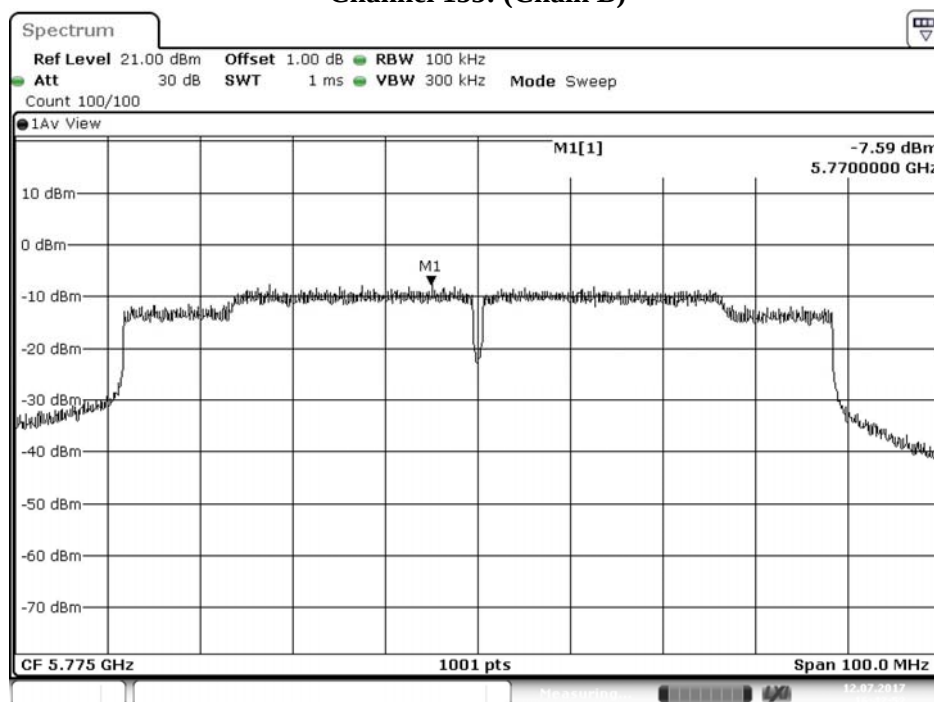


Date: 12 JUL 2017 16:28:52

Channel 155: (Chain A)



Channel 155: (Chain B)



Date: 12 JUL 2017 16:42:53

待測物名稱：Intel® Wireless-AC 9260

待測物型號：9260NGW

測試項目：峰值功率頻譜密度

測試頻道：--

測試模式：Mode 1: 發射器
802.11ac-160BW_Beamforming

6 dB 頻寬：1MHz

視頻頻寬：1MHz

檢測器：峰值

環境溫度：21 °C

測試日期：106 年 07 月 17 日

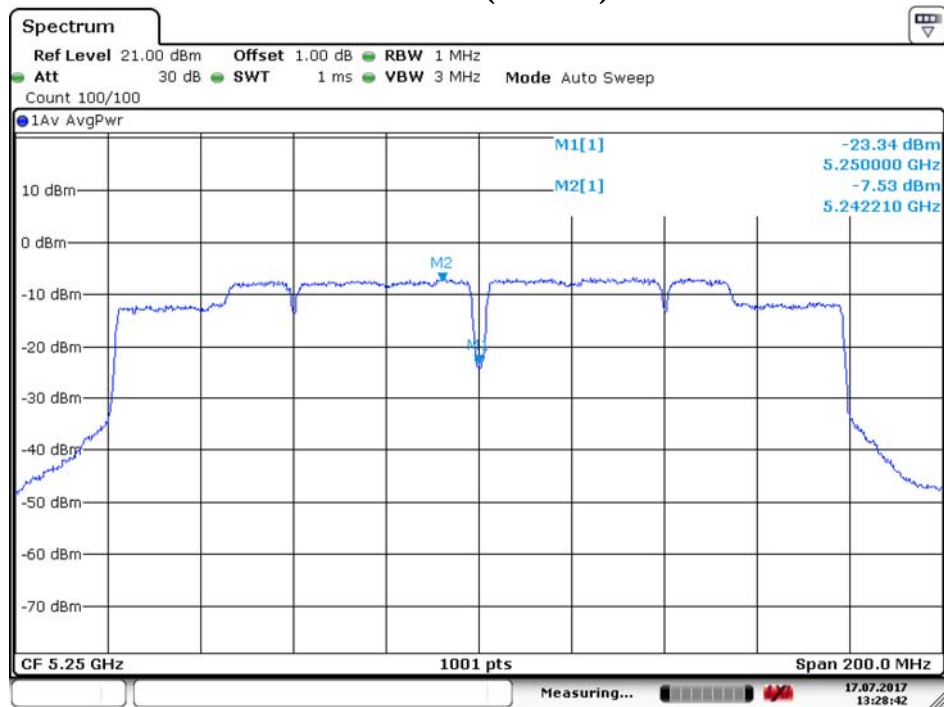
環境濕度：53 %

Channel Number	Frequency (MHz)	Chain	PPSD (dBm)	Total PSD (dBm)	Required Limit (dBm)	Result
50	5250(Band1)	A	-7.530	-4.520	11	Pass
		B	-6.840	-3.830	11	Pass
50	5250(Band2)	A	-7.570	-4.560	11	Pass
		B	-6.220	-3.210	11	Pass
114	5570	A	-5.180	-2.170	11	Pass
		B	-5.290	-2.280	11	Pass

Note :

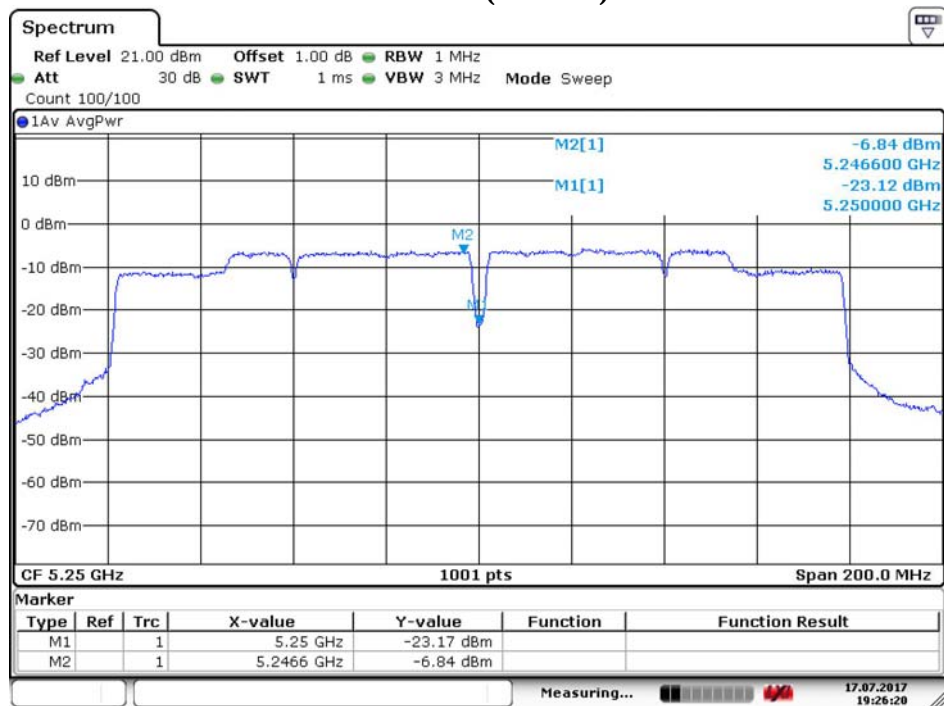
The quantity $10 \cdot \log 2$ (two antennas) is added to the spectrum peak value according to document 662911 D01.

Channel 50: (Chain A)



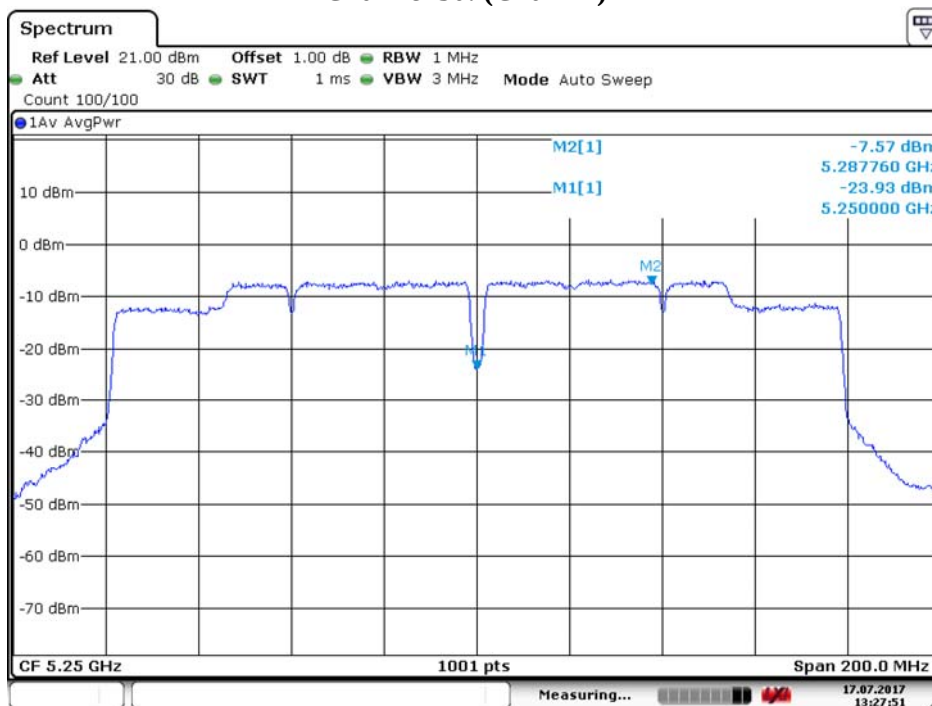
Date: 17.JUL 2017 13:28:42

Channel 50: (Chain B)



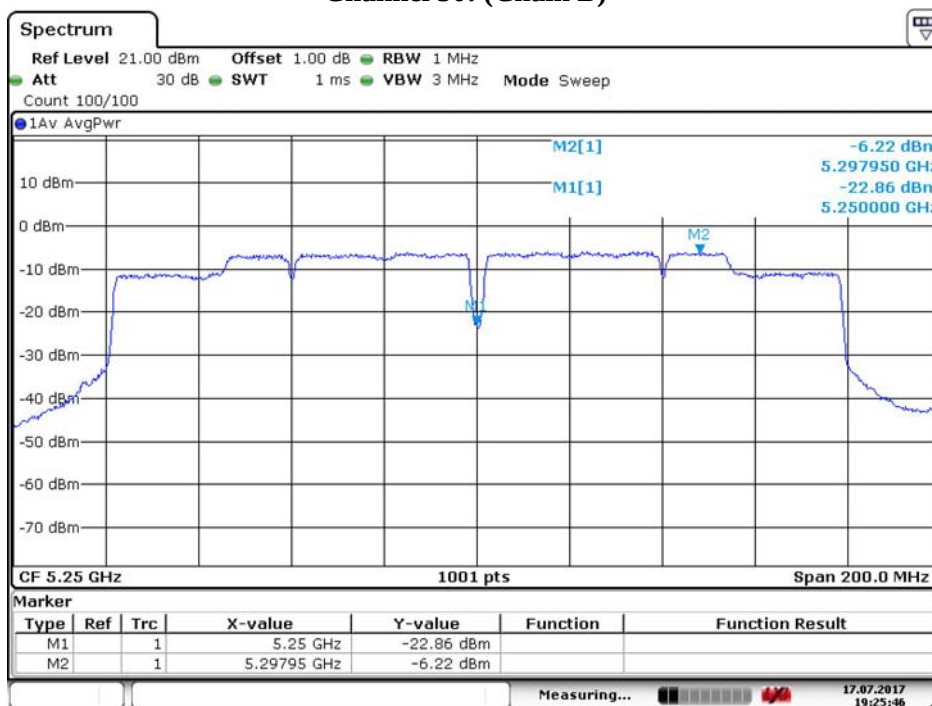
Date: 17.JUL 2017 19:26:20

Channel 50: (Chain A)



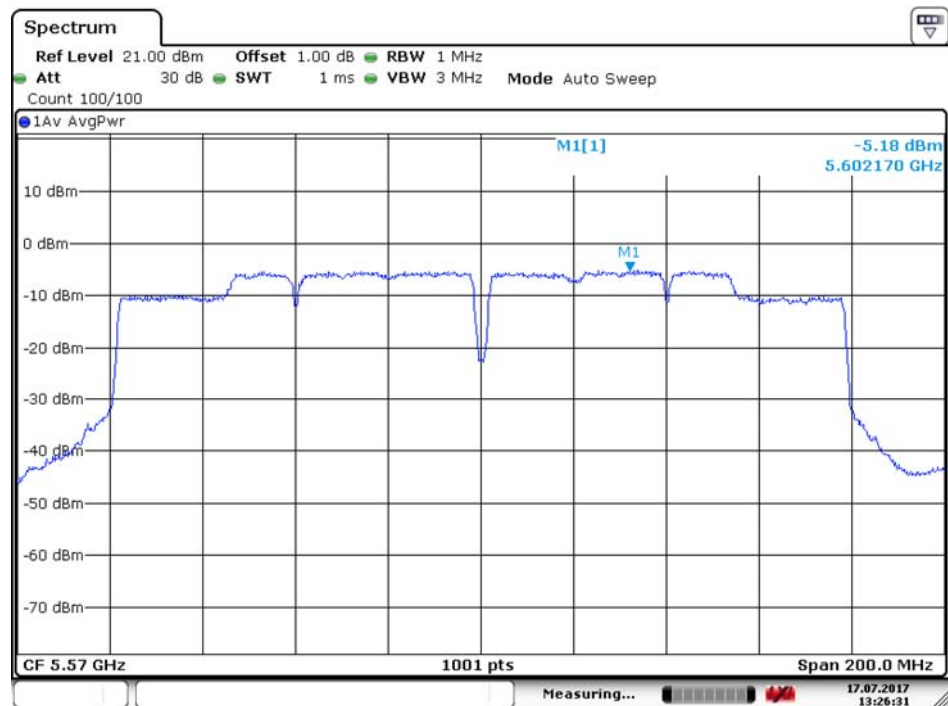
Date: 17.JUL 2017 13:27:52

Channel 50: (Chain B)



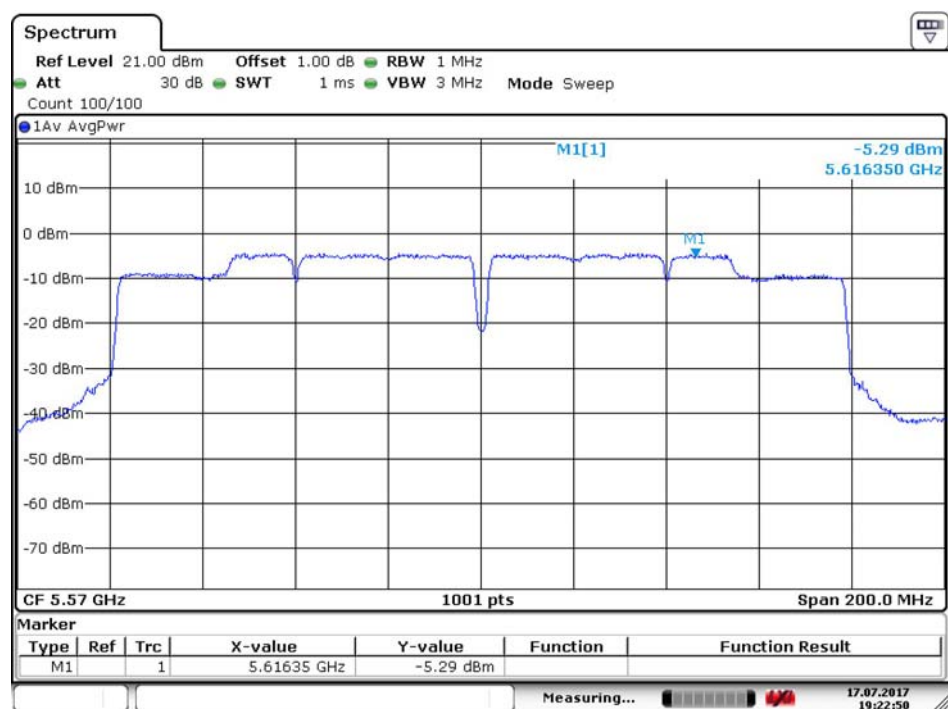
Date: 17.JUL 2017 19:25:46

Channel 114: Chain A



Date: 17.JUL.2017 13:26:32

Channel 114: Chain B



Date: 17.JUL.2017 19:22:50

峰值功率頻譜密度測試結果:

PASS

7. 操作頻帶外的峰值發射

7.1. 適用標準

依據國家通訊傳播委員會低功率射頻器材技術規範之第 5.7.4 節：

5.7.4.1 在 5.15 GHz~5.35 GHz 及 5.470 GHz~5.725 GHz 頻帶操作的發射器：帶外發射之有效等向輻射功率(EIRP) $\leq$ -27 dBm/MHz。

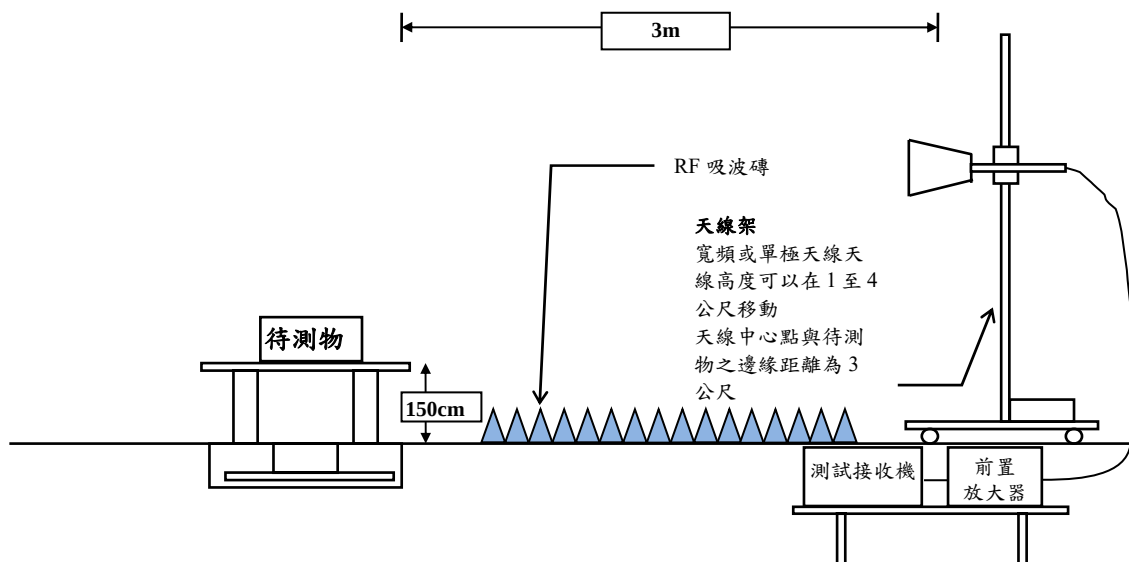
5.7.4.2 在 5.725 GHz~5.850 GHz 的頻帶操作之發射器：所有頻帶邊緣向外 5 MHz 內頻率之發射，有效等向輻射功率(EIRP) $\leq$ 27 dBm/MHz~15.6 dBm/MHz (以線性增加法計算對應之限制值)；所有頻帶邊緣向外 5 MHz~25 MHz，有效等向輻射功率(EIRP) $\leq$ 15.6 dBm/MHz~10 dBm/MHz (以線性增加法計算對應之限制值)；所有頻帶邊緣外 25 MHz~75 MHz，有效等向輻射功率(EIRP) $\leq$ 10 dBm/MHz~-27 dBm/MHz (以線性增加法計算對應之限制值)；所有頻帶邊緣外 $\geq$ 75 MHz 的頻率之發射，有效等向輻射功率(EIRP) $\leq$ -27 dBm/MHz。

7.2. 量測方法

待測物置於高 150 公分之非導體桌面（落地型產品置於地上），桌面可 360 度旋轉，接收天線置於距待測物 3m 距離，高度可在 1 至 4 公尺間變動，以頻譜分析儀量測待測物之最大輻射電場強度，在將待測物置換成替代天線並連接到信號產生器上，調整接收天線上的信號產生器之輸出位準，使頻譜分析儀上之電場強度與之前待測物的最大電場強度相同，紀錄此輸出位準並應於水平及垂直極化方向各量測一次。

待測物應在正常發射狀態下量測。

7.3. 測試架構圖



7.4. 量測不確定度

此項測試之量測不確定度

水平極化：1-18GHz 為 ± 3.77 dB

垂直極化：1-18GHz 為 ± 3.83 dB