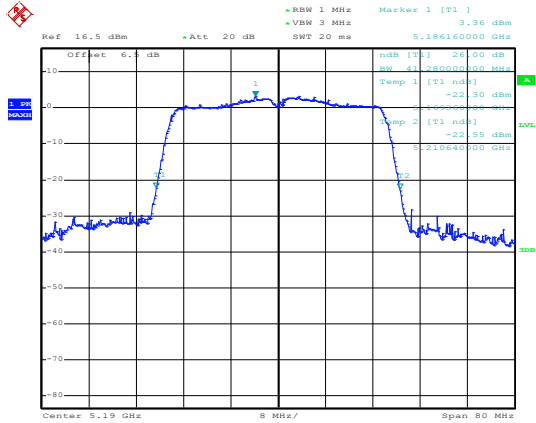


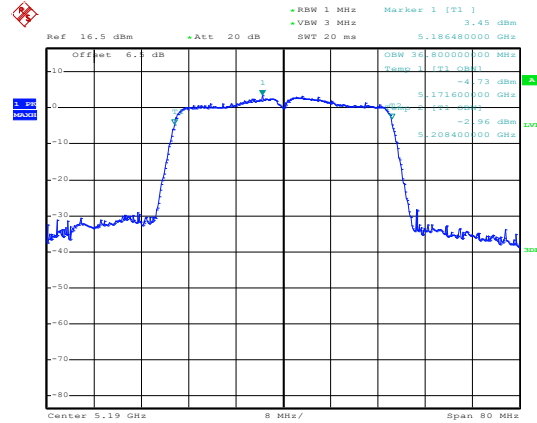
## 802.11ac(HT40)

### 26 dB EBW



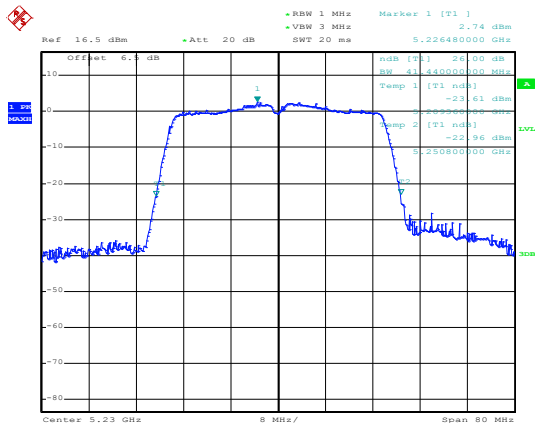
Date: 4.JUL.2020 15:24:46

### 99% OBW

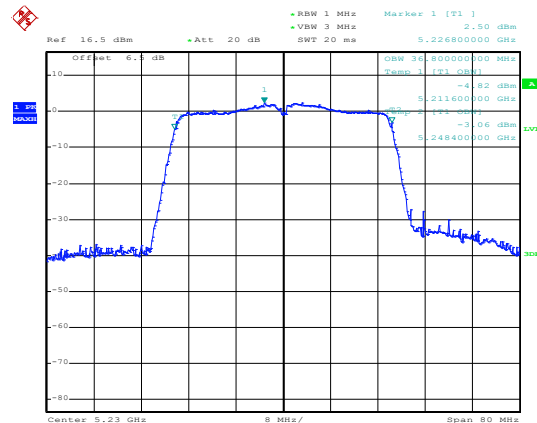


Date: 4.JUL.2020 15:24:39

## Lowest channel



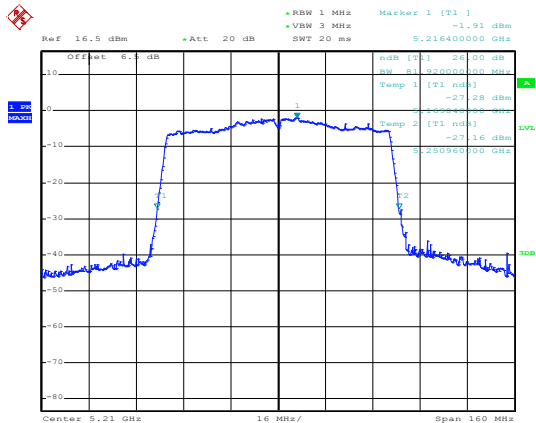
Date: 4.JUL.2020 15:24:13



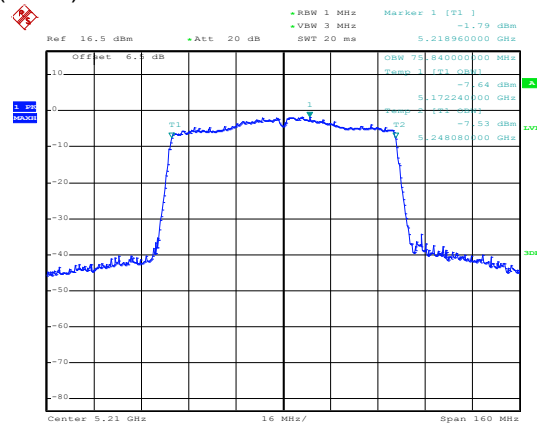
Date: 4.JUL.2020 15:24:21

## Highest channel

## 802.11ac(HT80)



Date: 4.JUL.2020 15:16:28



Date: 4.JUL.2020 15:16:21

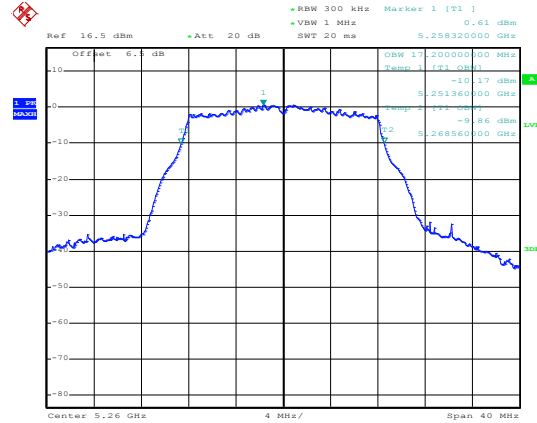
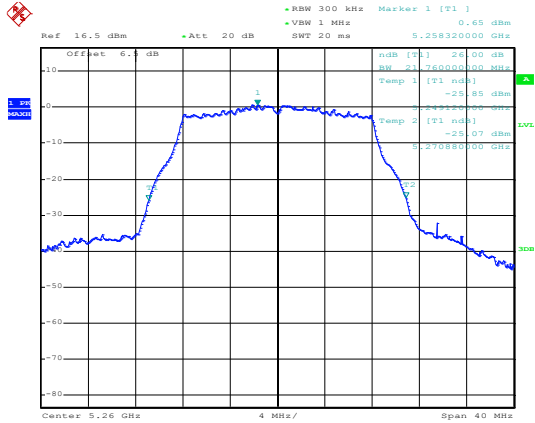
## Middle channel

Band 2:

802.11a

26 dB EBW

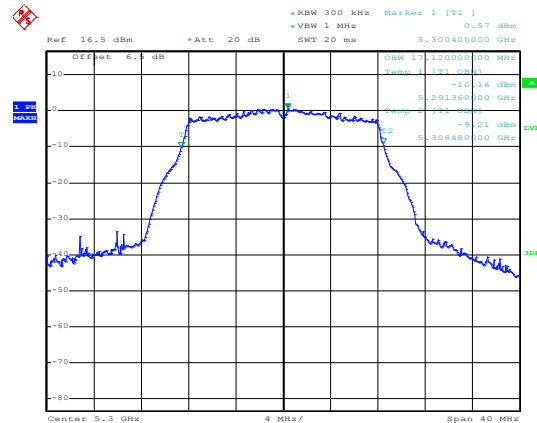
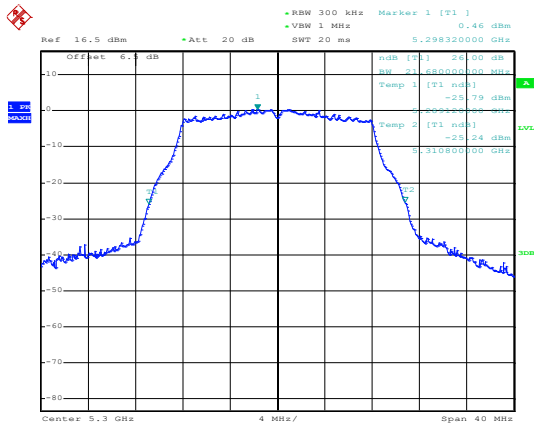
99% OBW



Date: 4.JUL.2020 15:29:02

Date: 4.JUL.2020 15:28:48

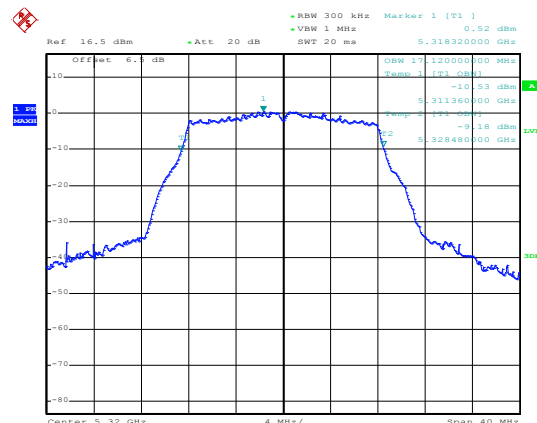
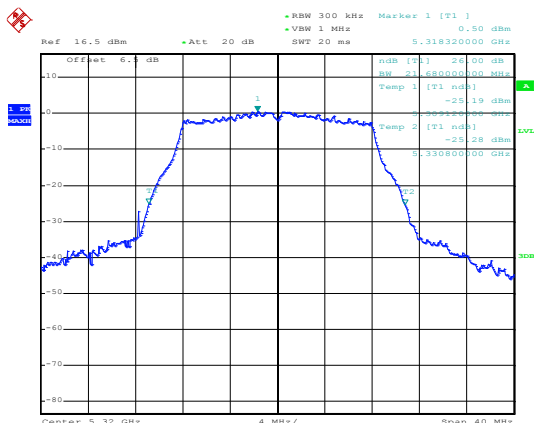
Lowest channel



Date: 4.JUL.2020 15:29:16

Date: 4.JUL.2020 15:29:36

Middle channel



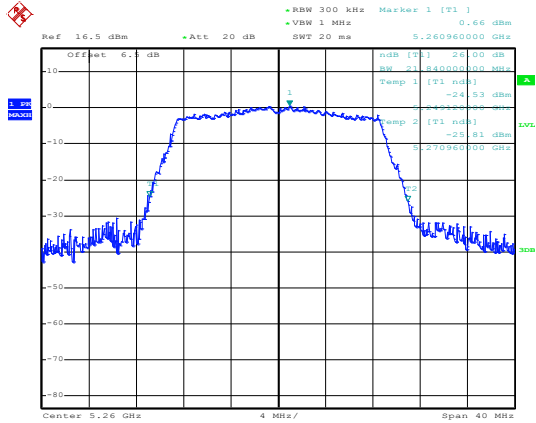
Date: 4.JUL.2020 15:30:01

Date: 4.JUL.2020 15:29:50

Highest channel

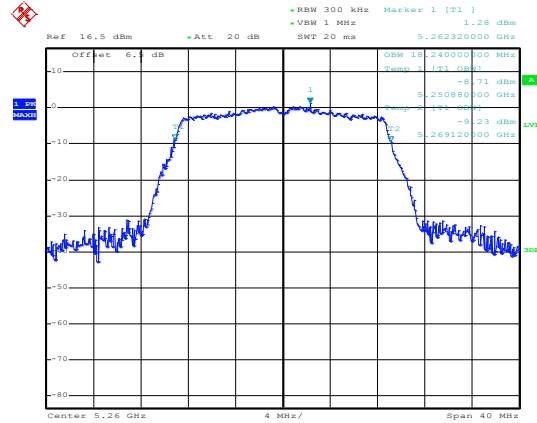
## 802.11n(HT20)

26 dB EBW



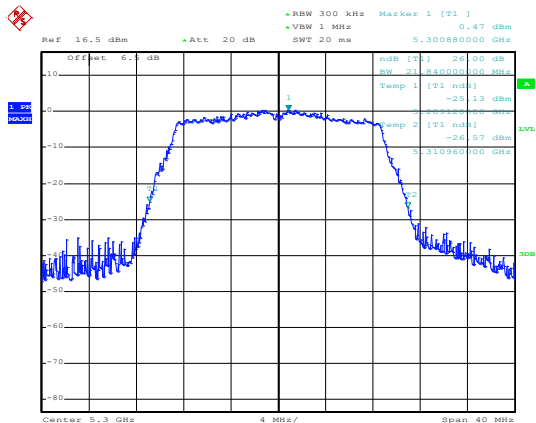
Date: 4.JUL.2020 15:31:38

99% OBW

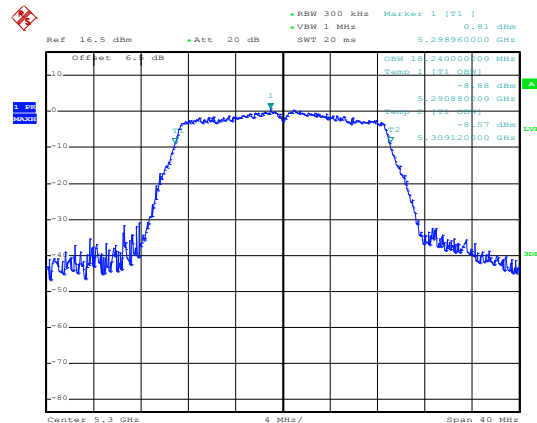


Date: 4.JUL.2020 15:31:30

## Lowest channel

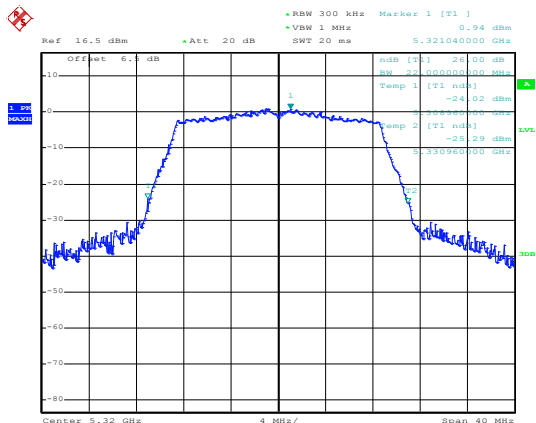


Date: 4.JUL.2020 15:31:50

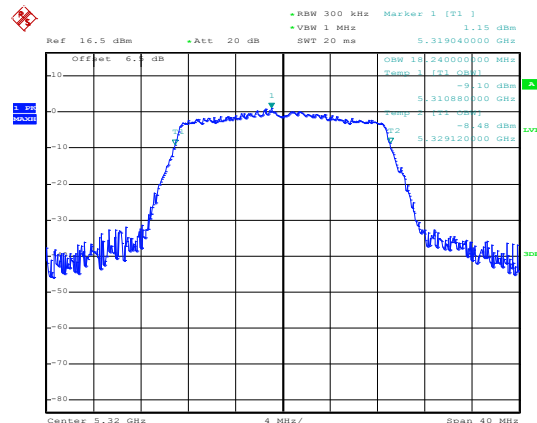


Date: 4.JUL.2020 15:31:56

## Middle channel



Date: 4.JUL.2020 15:32:25

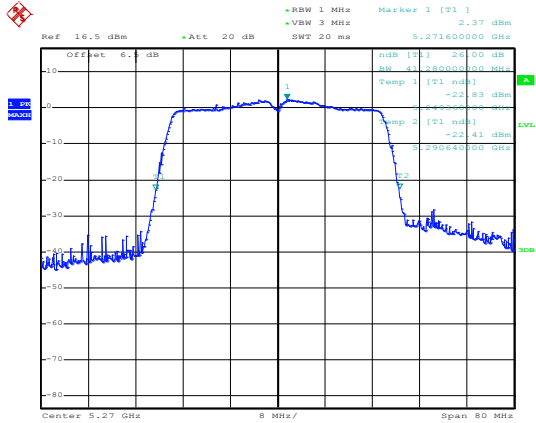


Date: 4.JUL.2020 15:32:10

## Highest channel

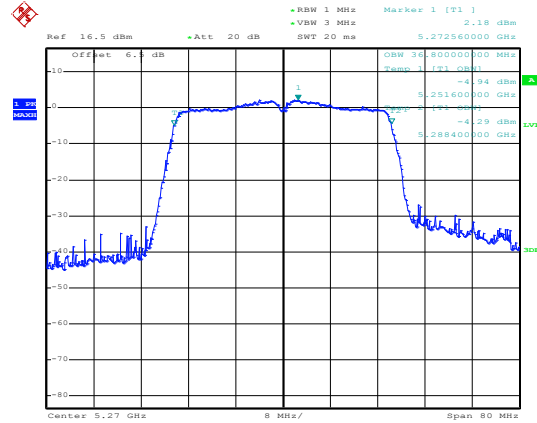
## 802.11n(HT40)

### 26 dB EBW



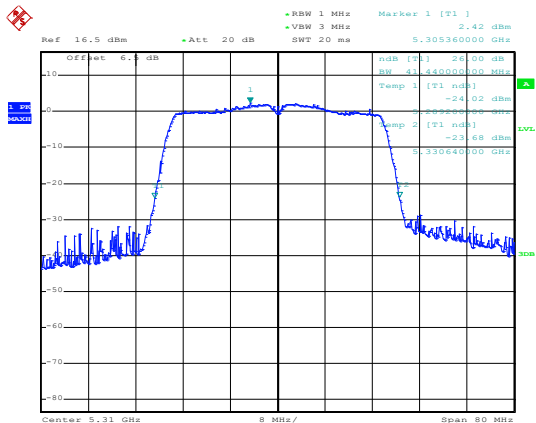
Date: 4.JUL.2020 15:23:15

### 99% OBW

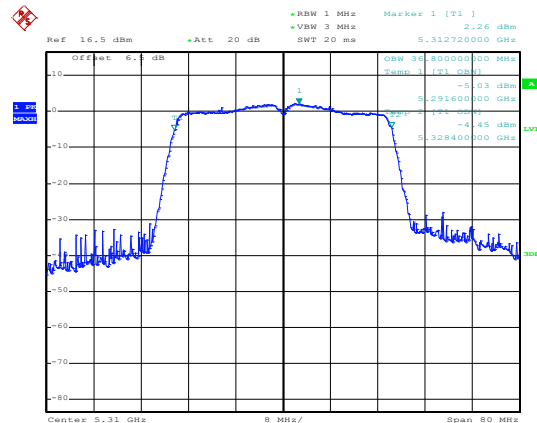


Date: 4.JUL.2020 15:23:09

## Lowest channel



Date: 4.JUL.2020 15:22:48

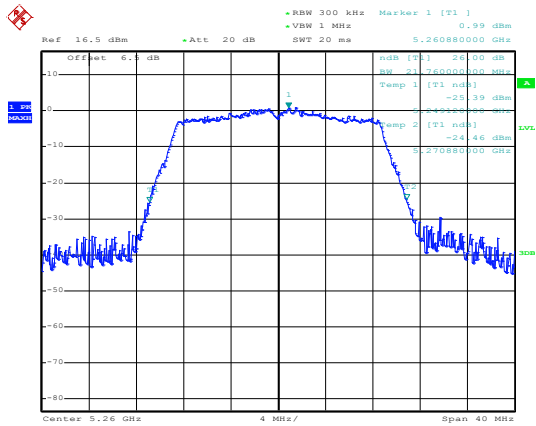


Date: 4.JUL.2020 15:22:54

## Highest channel

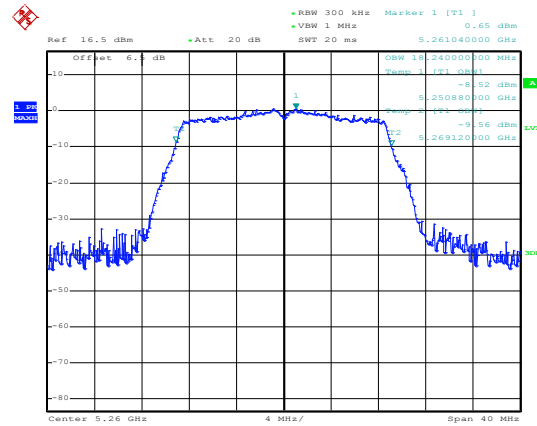
## 802.11ac(HT20)

### 26 dB EBW



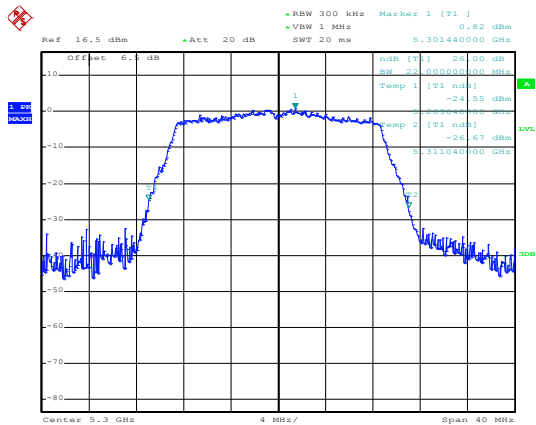
Date: 4.JUL.2020 15:31:08

### 99% OBW

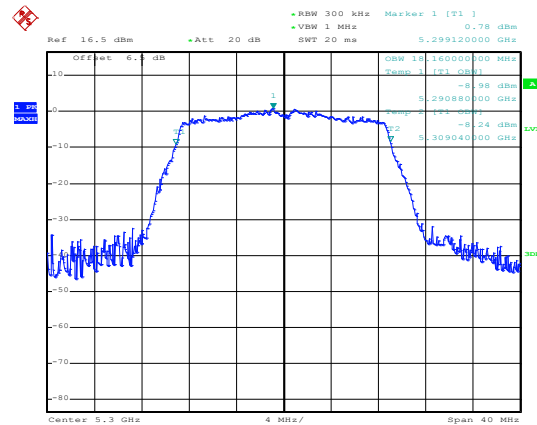


Date: 4.JUL.2020 15:31:16

### Lowest channel

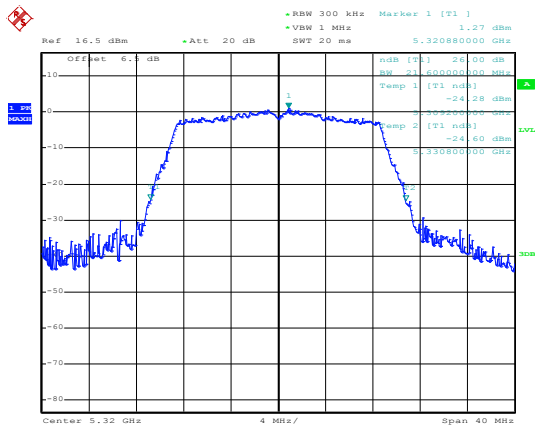


Date: 4.JUL.2020 15:30:54

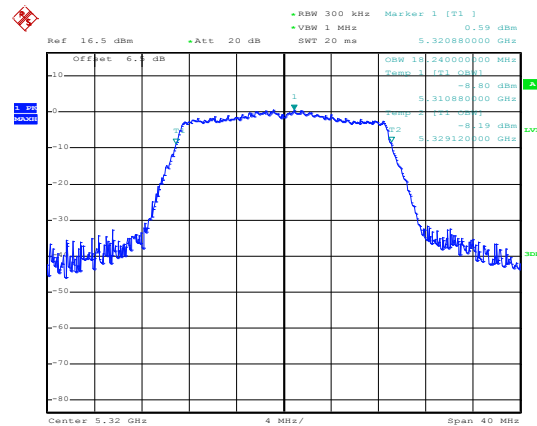


Date: 4.JUL.2020 15:30:46

### Middle channel



Date: 4.JUL.2020 15:30:21



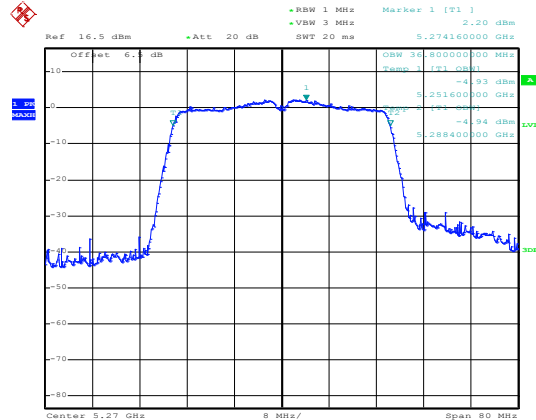
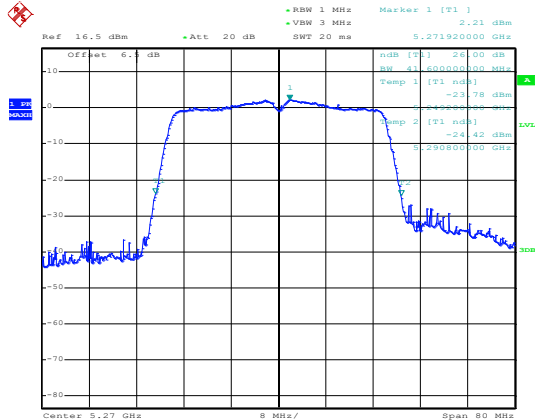
Date: 4.JUL.2020 15:30:30

### Highest channel

## 802.11ac(HT40)

26 dB EBW

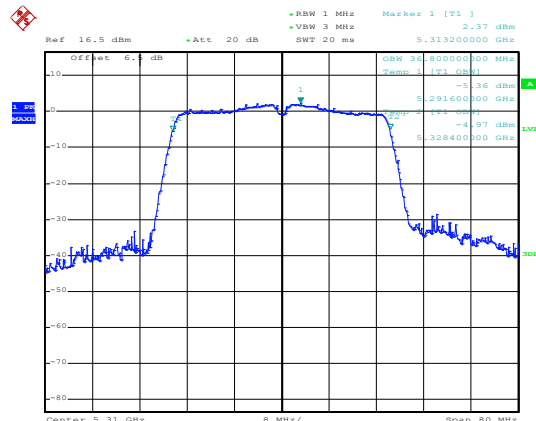
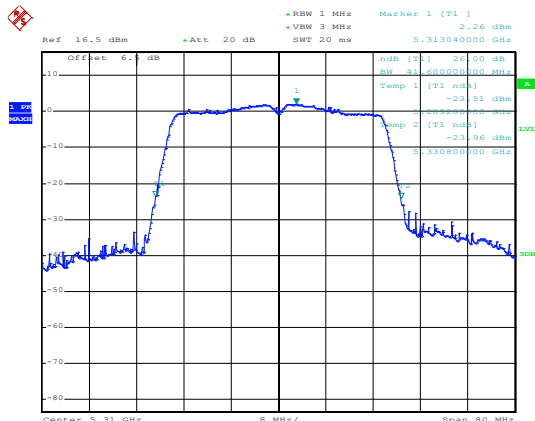
99% OBW



Date: 4.JUL.2020 15:22:08

Date: 4.JUL.2020 15:22:14

## Lowest channel

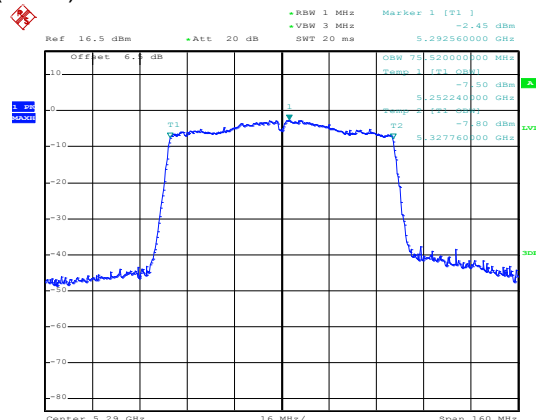
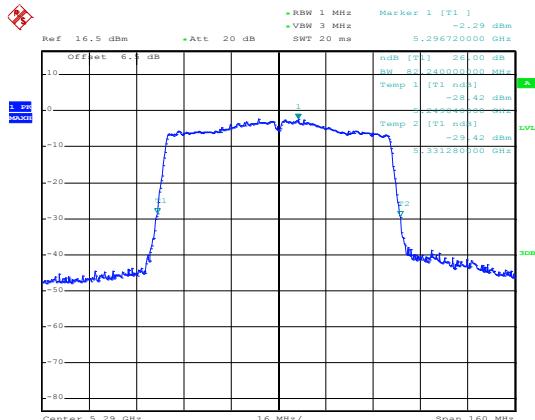


Date: 4.JUL.2020 15:22:33

Date: 4.JUL.2020 15:22:26

## Highest channel

## 802.11ac(HT80)



Date: 4.JUL.2020 15:16:45

Date: 4.JUL.2020 15:16:52

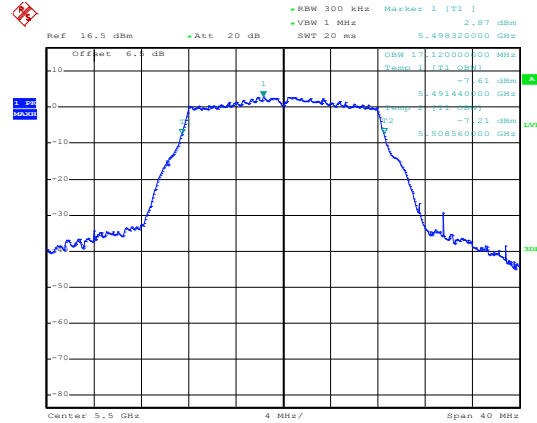
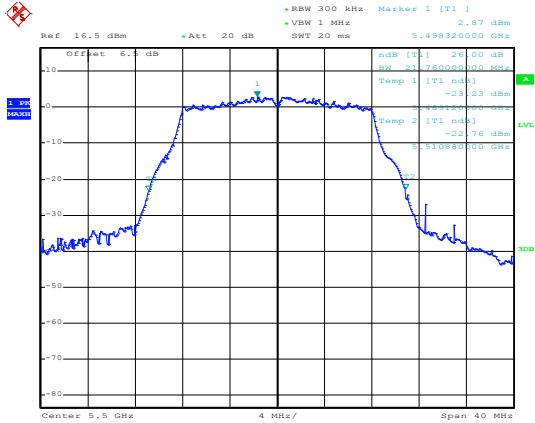
## Middle channel

**Band 3:**

**802.11a**

**26 dB EBW**

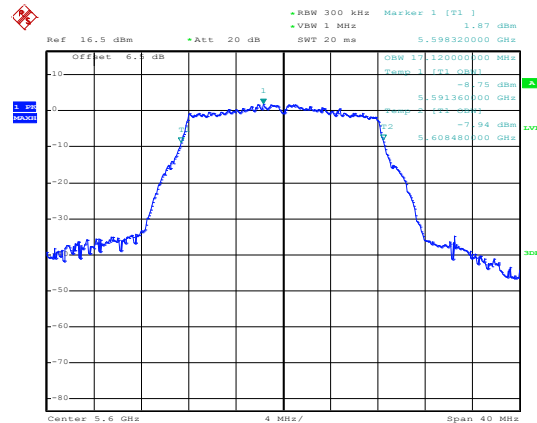
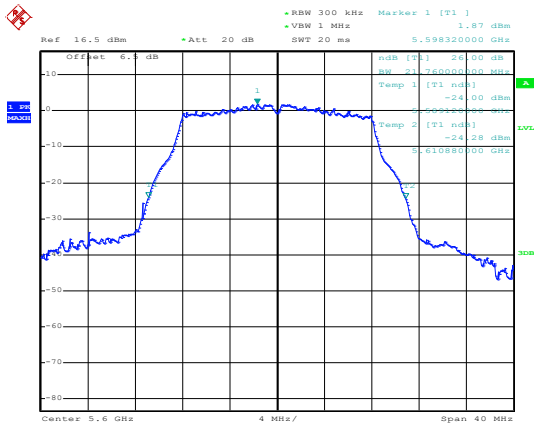
**99% OBW**



Date: 4.JUL.2020 15:35:01

Date: 4.JUL.2020 15:35:08

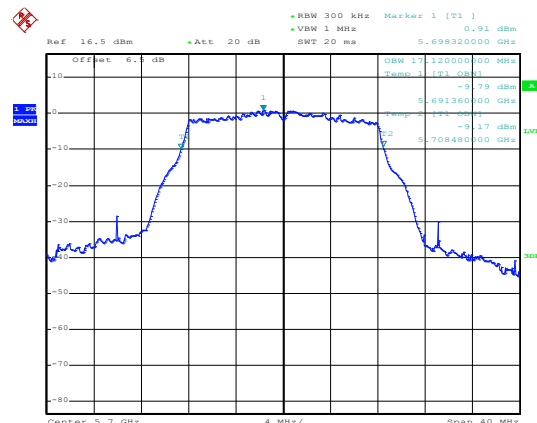
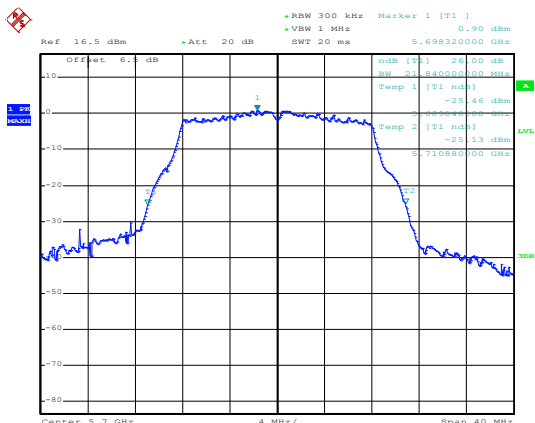
**Lowest channel**



Date: 4.JUL.2020 15:35:27

Date: 4.JUL.2020 15:35:19

**Middle channel**



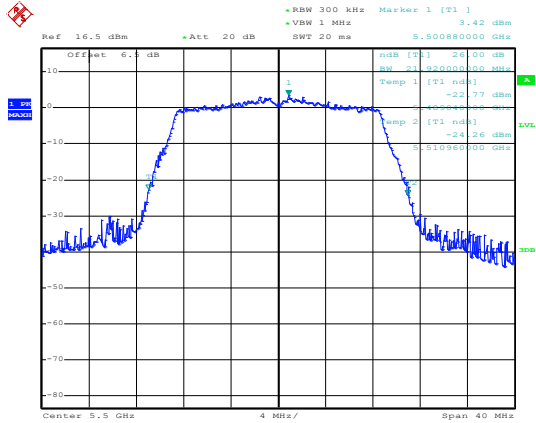
Date: 4.JUL.2020 15:35:43

Date: 4.JUL.2020 15:35:52

**Highest channel**

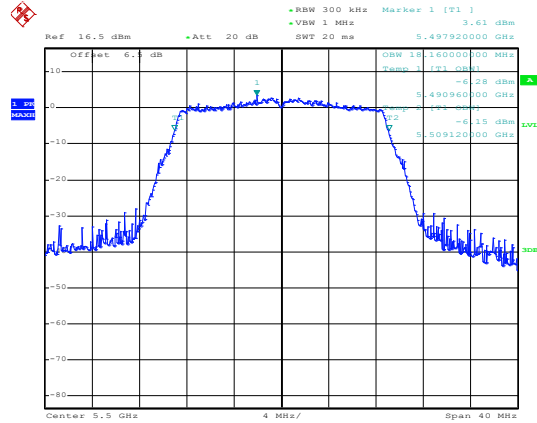
## 802.11n(HT20)

26 dB EBW



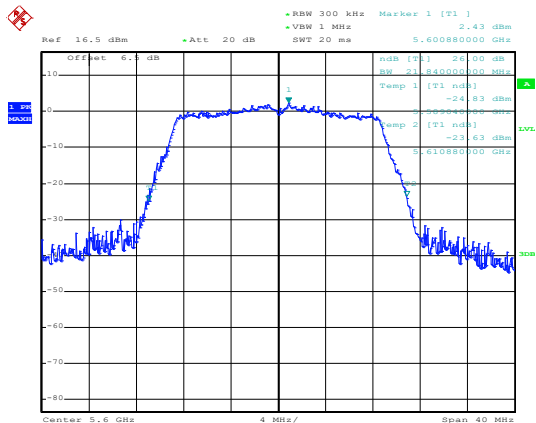
Date: 4.JUL.2020 15:32:40

99% OBW

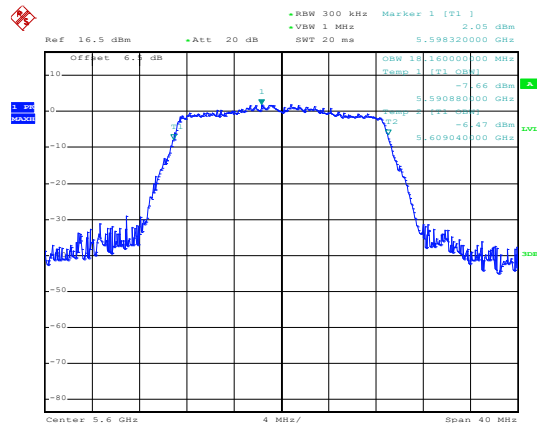


Date: 4.JUL.2020 15:32:48

## Lowest channel

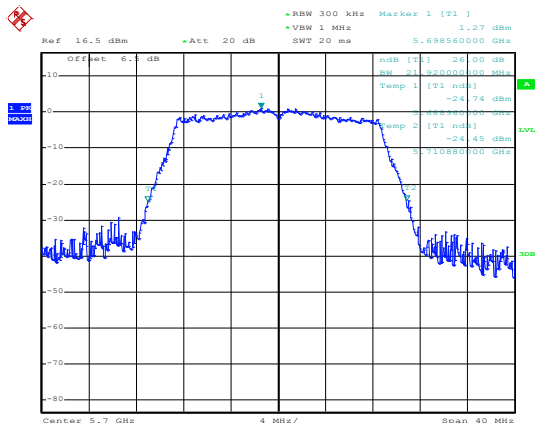


Date: 4.JUL.2020 15:33:10

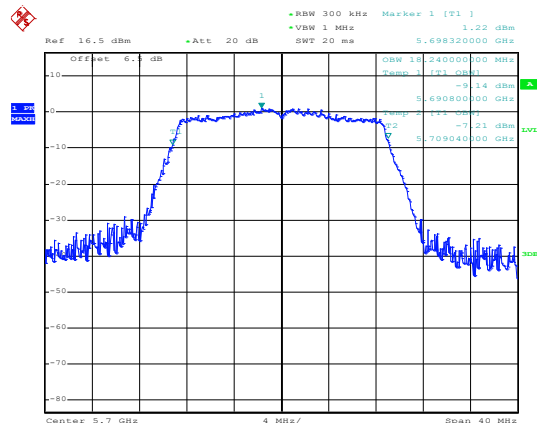


Date: 4.JUL.2020 15:33:03

## Middle channel



Date: 4.JUL.2020 15:33:25



Date: 4.JUL.2020 15:33:33

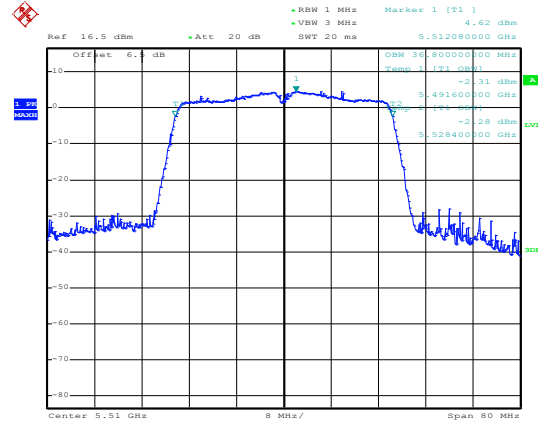
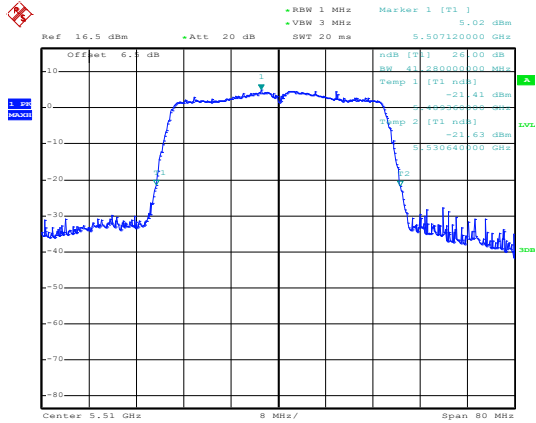
## Highest channel



## 802.11n(HT40)

26 dB EBW

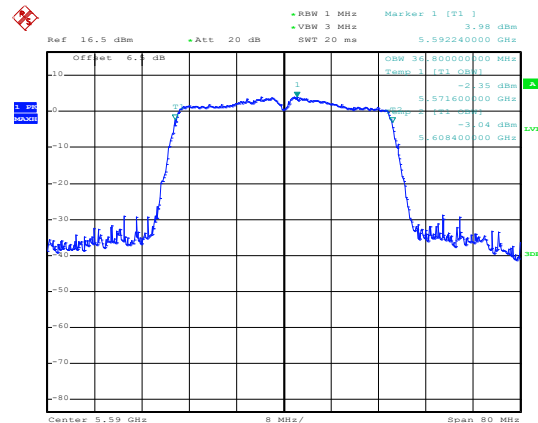
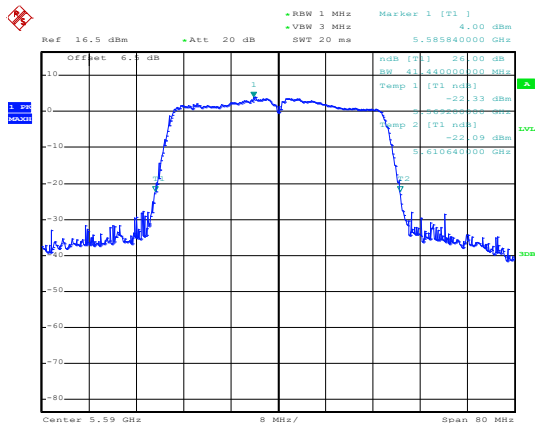
99% OBW



Date: 4.JUL.2020 15:19:52

Date: 4.JUL.2020 15:20:02

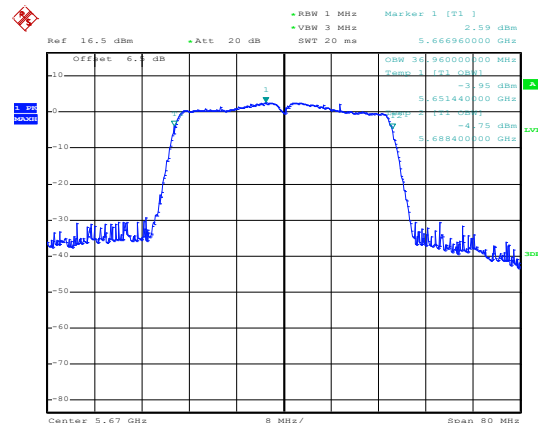
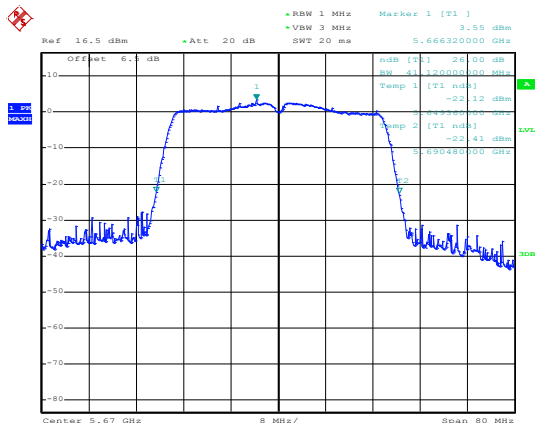
### Lowest channel



Date: 4.JUL.2020 15:20:22

Date: 4.JUL.2020 15:20:16

### Middle channel



Date: 4.JUL.2020 15:20:34

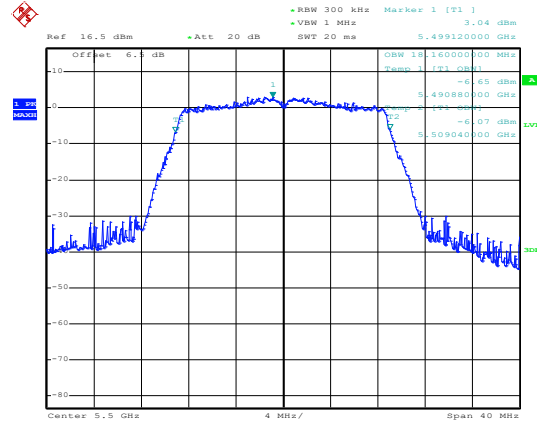
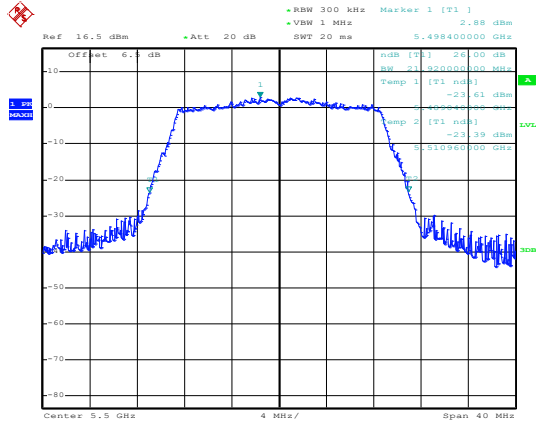
Date: 4.JUL.2020 15:20:41

### Highest channel

## 802.11ac(HT20)

26 dB EBW

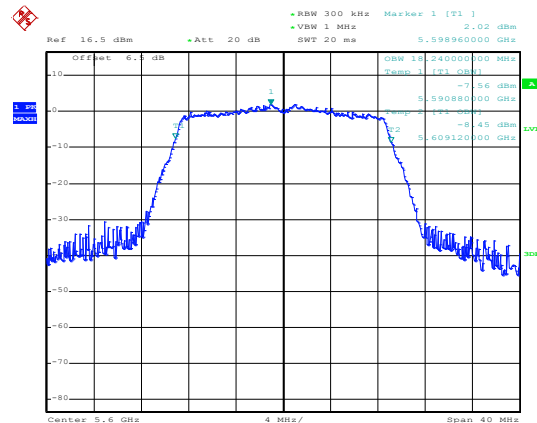
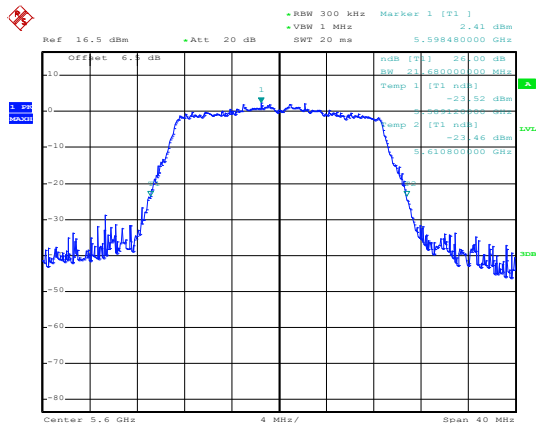
99% OBW



Date: 4.JUL.2020 15:34:38

Date: 4.JUL.2020 15:34:30

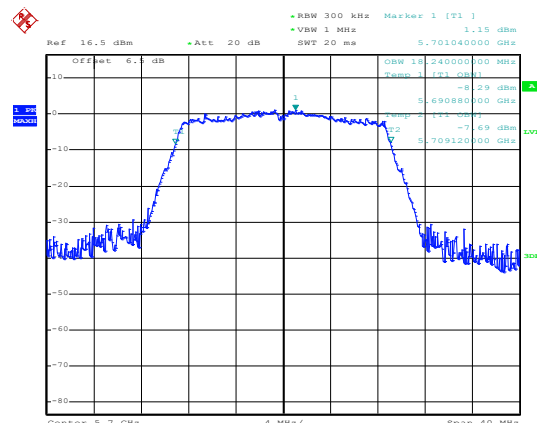
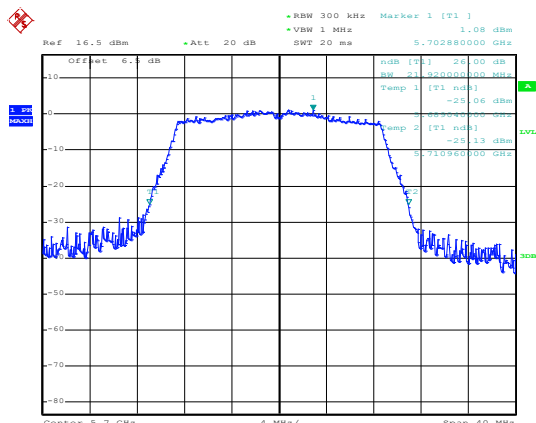
## Lowest channel



Date: 4.JUL.2020 15:34:10

Date: 4.JUL.2020 15:34:18

## Middle channel



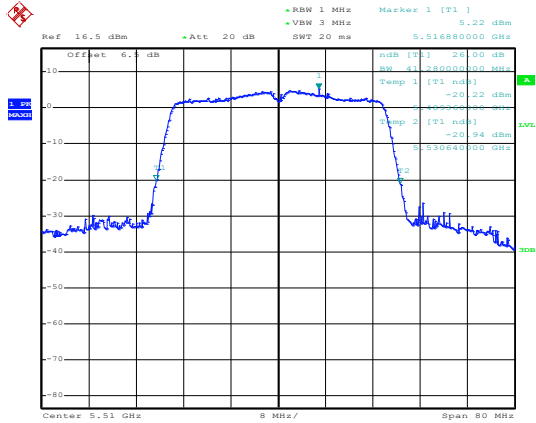
Date: 4.JUL.2020 15:33:56

Date: 4.JUL.2020 15:33:48

## Highest channel

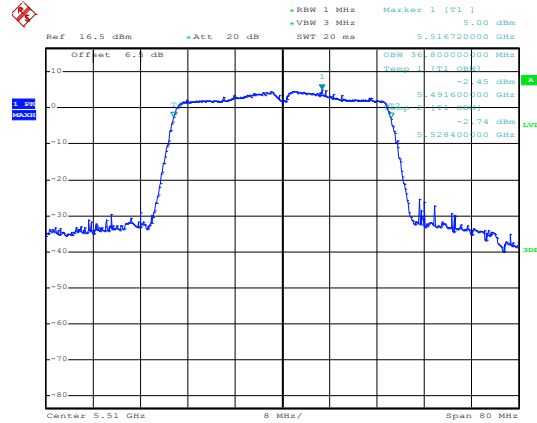
## 802.11ac(HT40)

### 26 dB EBW



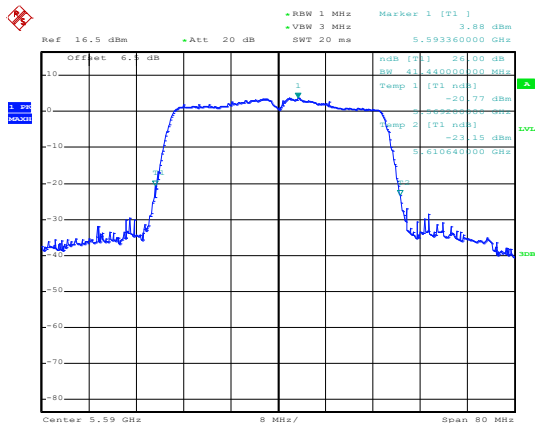
Date: 4.JUL.2020 15:21:42

### 99% OBW

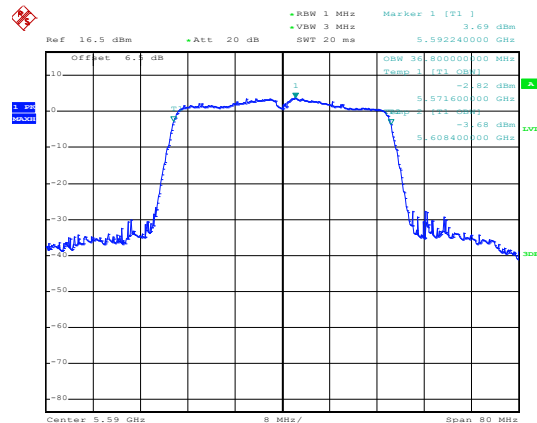


Date: 4.JUL.2020 15:21:35

## Lowest channel

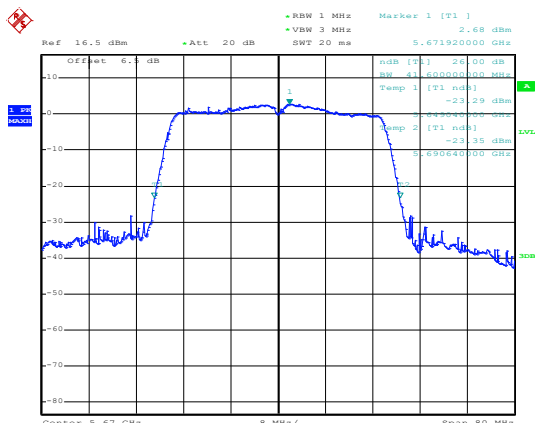


Date: 4.JUL.2020 15:21:15

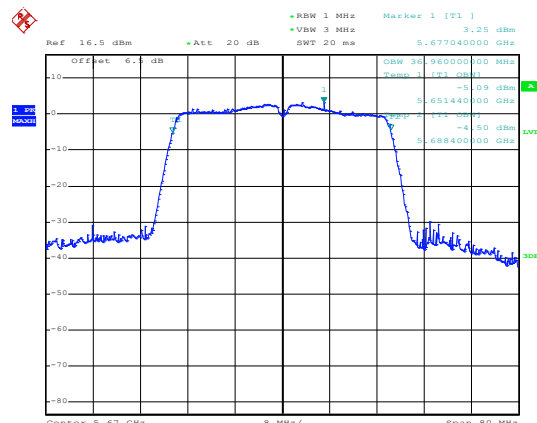


Date: 4.JUL.2020 15:21:22

## Middle channel

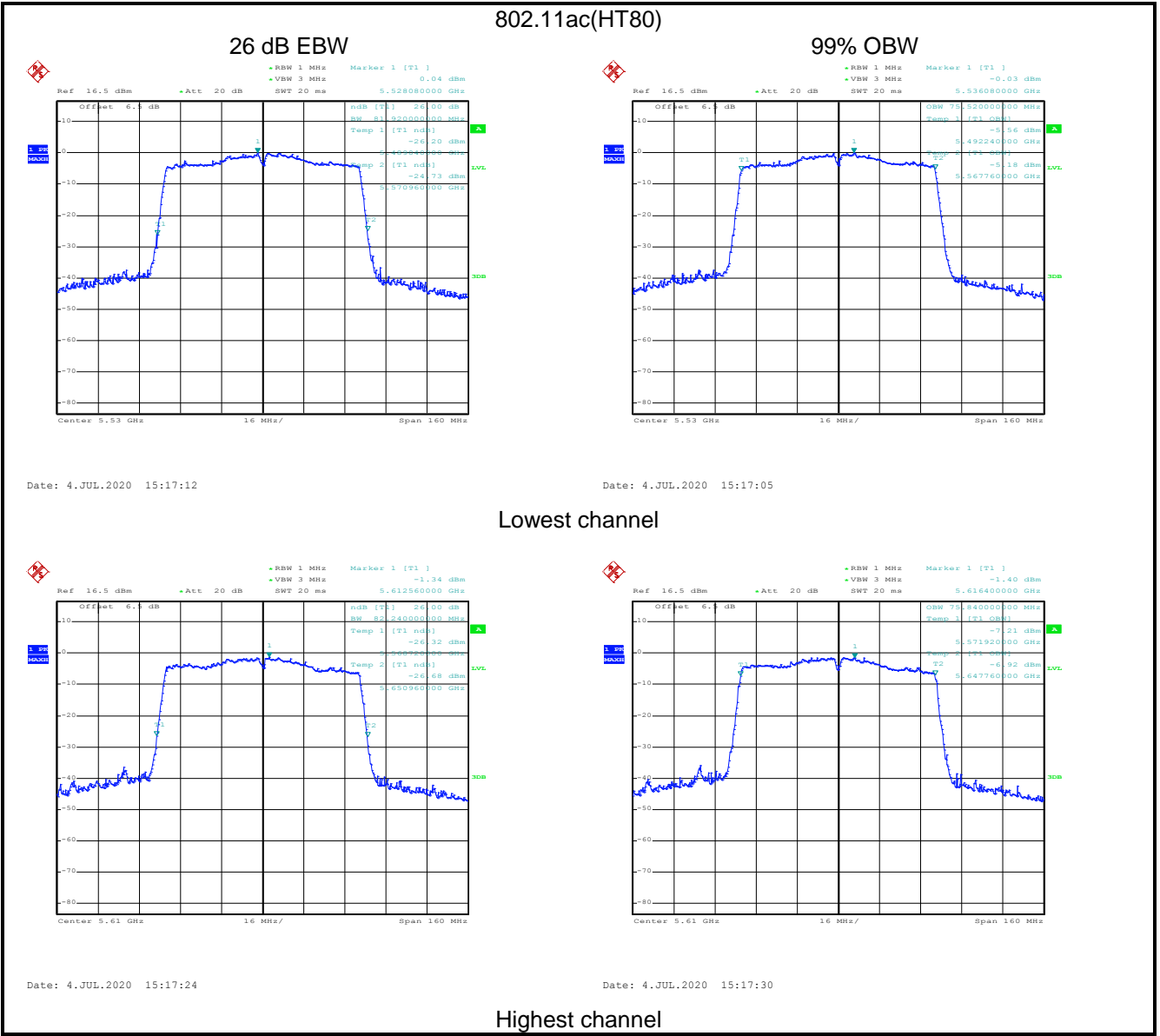


Date: 4.JUL.2020 15:21:02



Date: 4.JUL.2020 15:20:54

## Highest channel

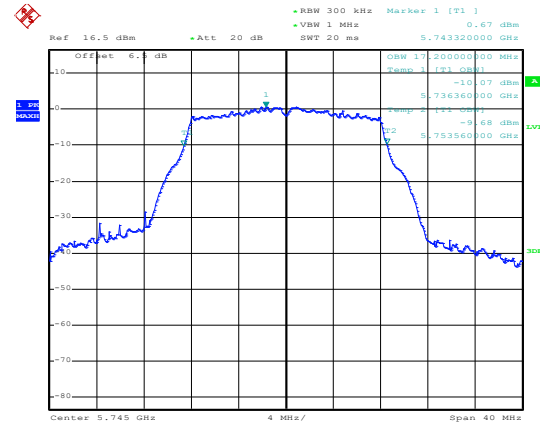
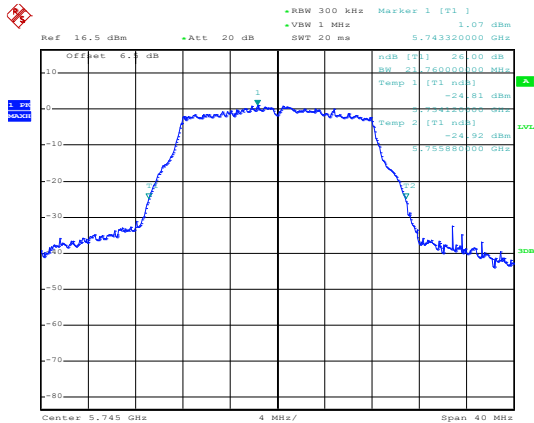


**Band 4:**

802.11a

26 dB EBW

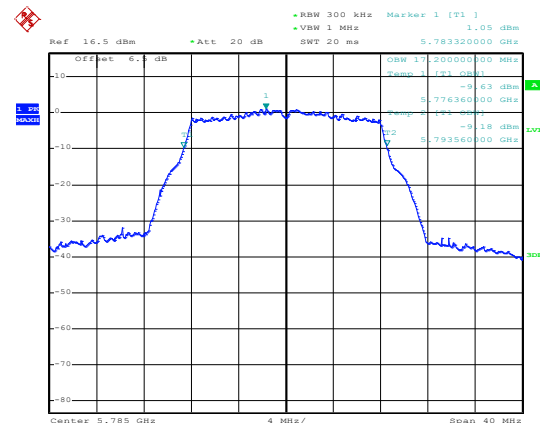
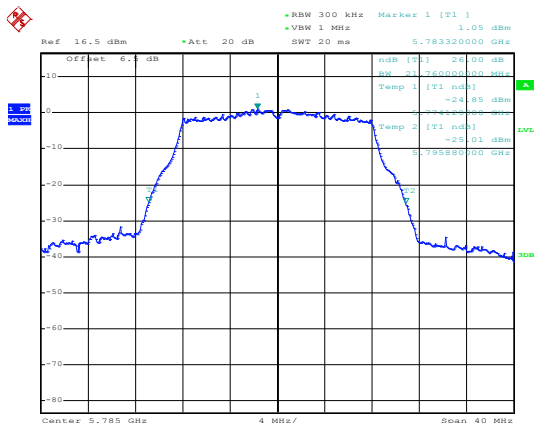
99% OBW



Date: 4.JUL.2020 15:36:16

Date: 4.JUL.2020 15:36:07

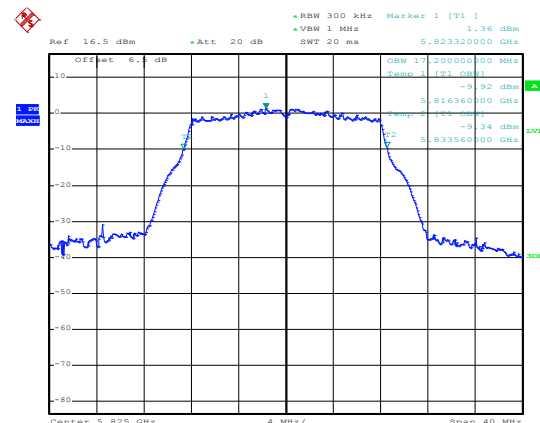
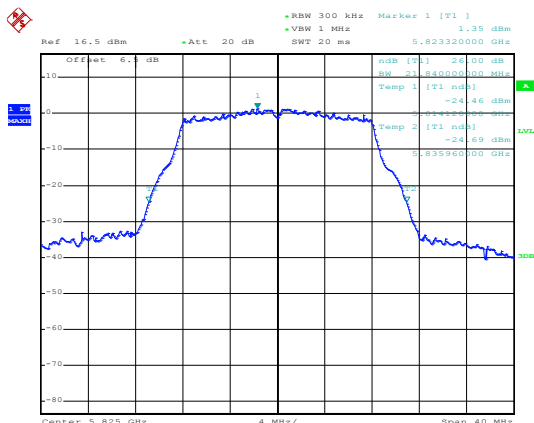
Lowest channel



Date: 4.JUL.2020 15:36:32

Date: 4.JUL.2020 15:36:42

Middle channel



Date: 4.JUL.2020 15:37:06

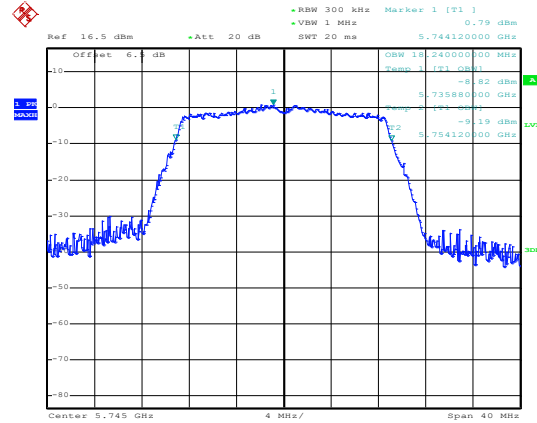
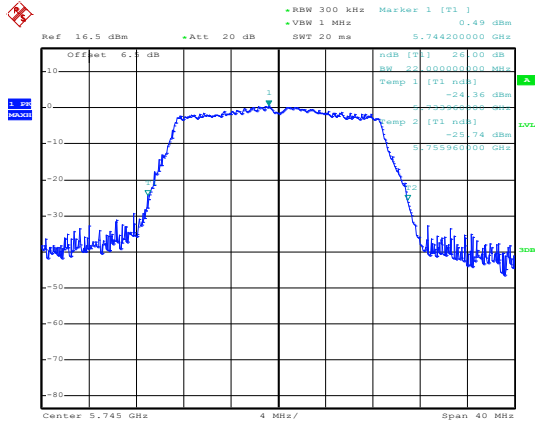
Date: 4.JUL.2020 15:36:57

Highest channel

## 802.11n(HT20)

26 dB EBW

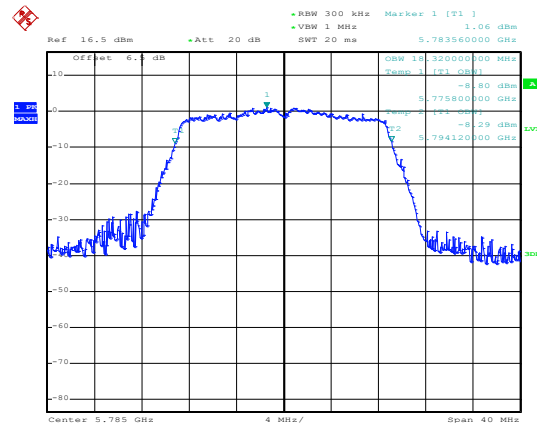
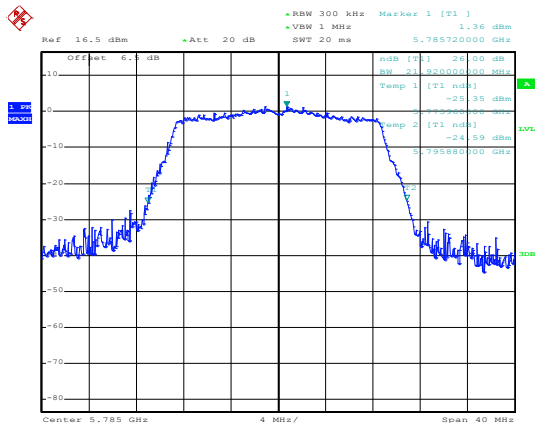
99% OBW



Date: 4.JUL.2020 15:40:28

Date: 4.JUL.2020 15:40:20

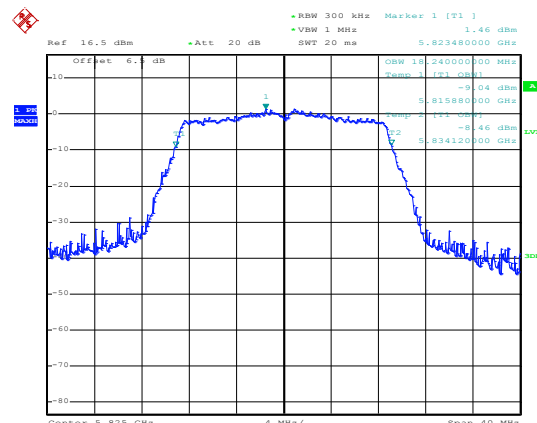
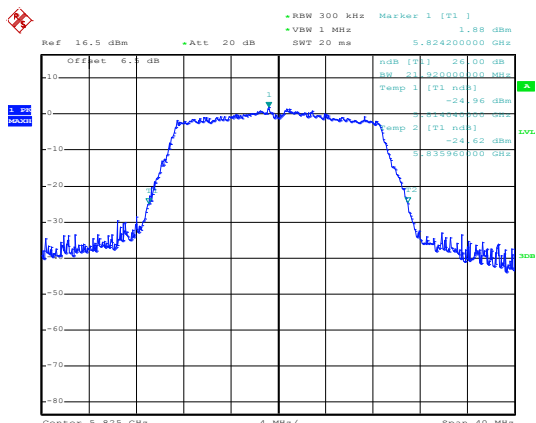
## Lowest channel



Date: 4.JUL.2020 15:40:43

Date: 4.JUL.2020 15:40:53

## Middle channel



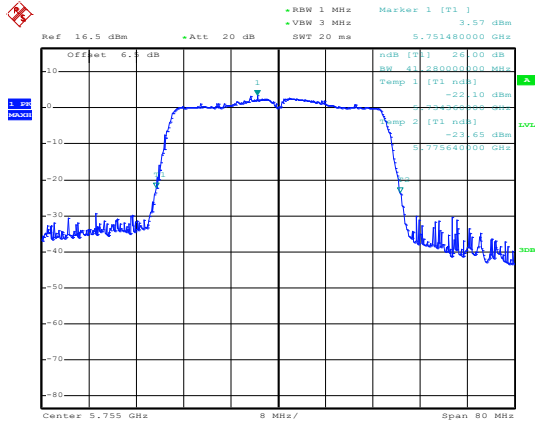
Date: 4.JUL.2020 15:41:14

Date: 4.JUL.2020 15:41:06

## Highest channel

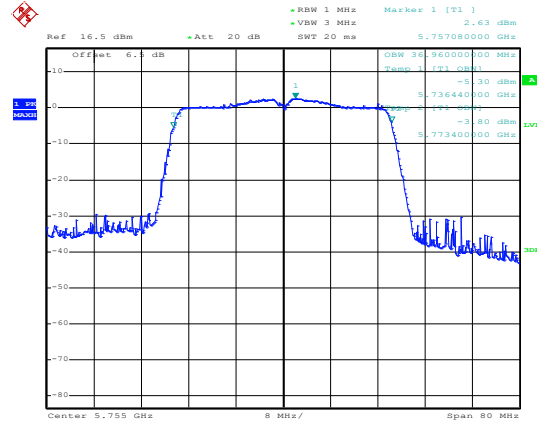
## 802.11n(HT40)

### 26 dB EBW



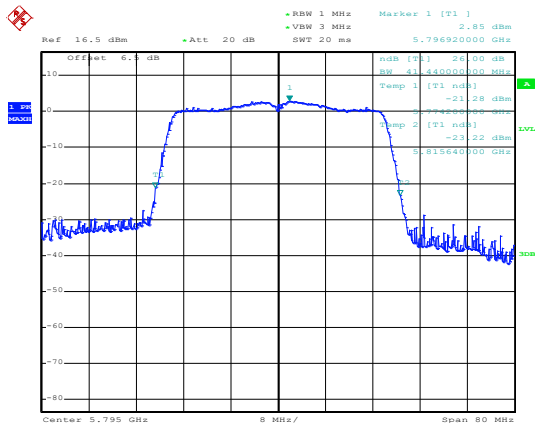
Date: 4.JUL.2020 15:19:31

### 99% OBW

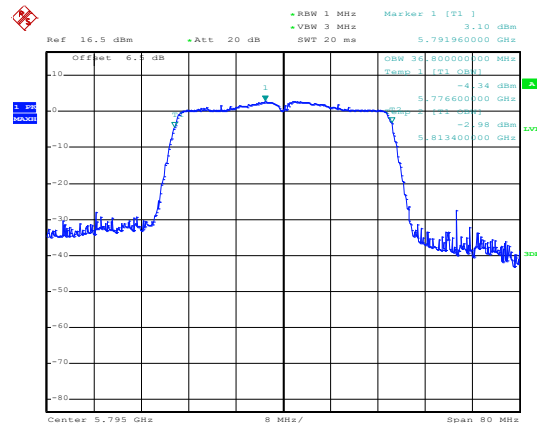


Date: 4.JUL.2020 15:19:25

### Lowest channel



Date: 4.JUL.2020 15:19:02

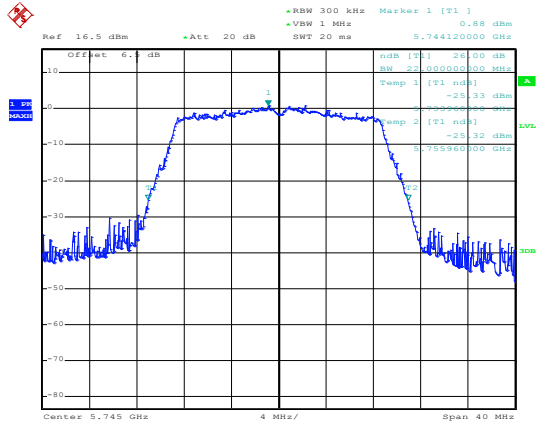


Date: 4.JUL.2020 15:19:12

### Highest channel

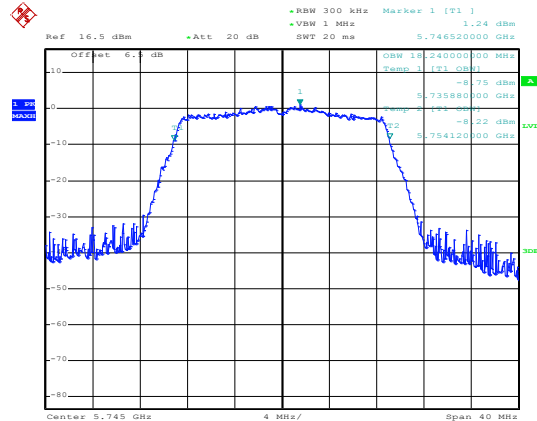
## 802.11ac(HT20)

### 26 dB EBW



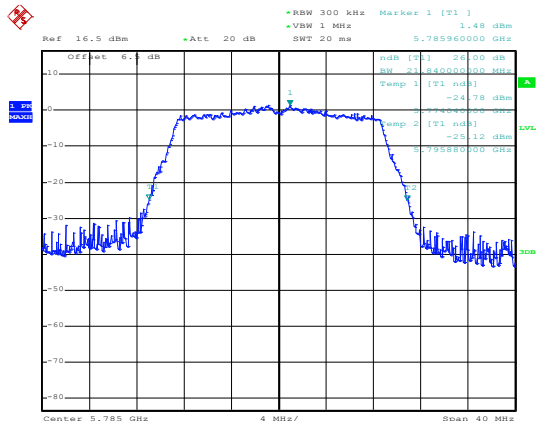
Date: 4.JUL.2020 15:39:56

### 99% OBW

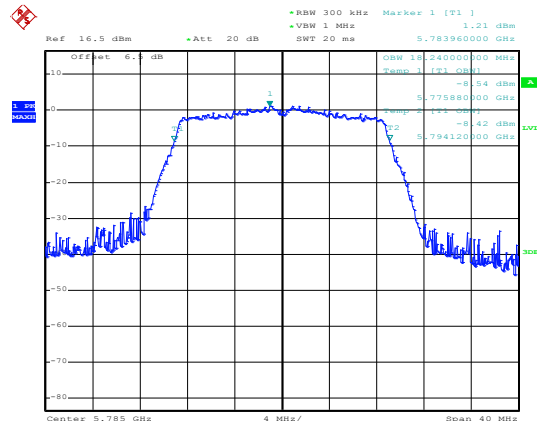


Date: 4.JUL.2020 15:40:03

### Lowest channel

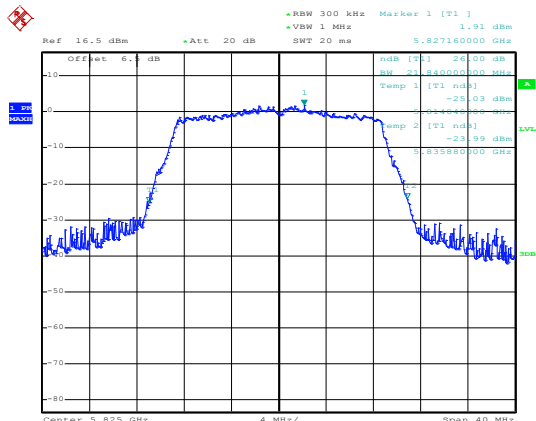


Date: 4.JUL.2020 15:39:45

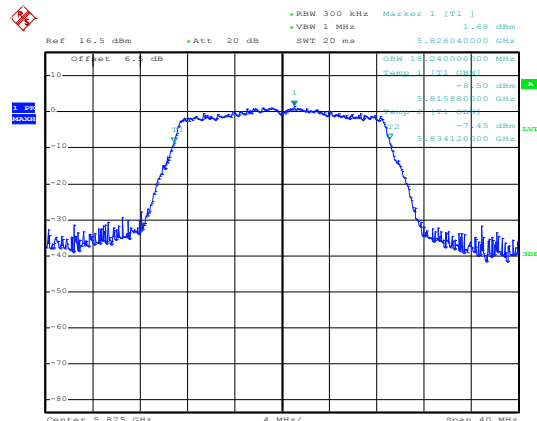


Date: 4.JUL.2020 15:39:36

### Middle channel



Date: 4.JUL.2020 15:38:09



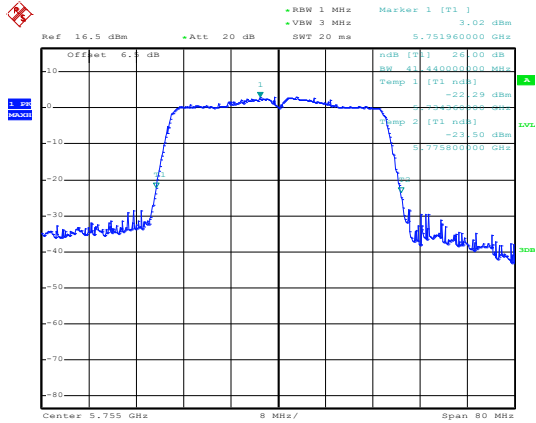
Date: 4.JUL.2020 15:38:22

### Highest channel



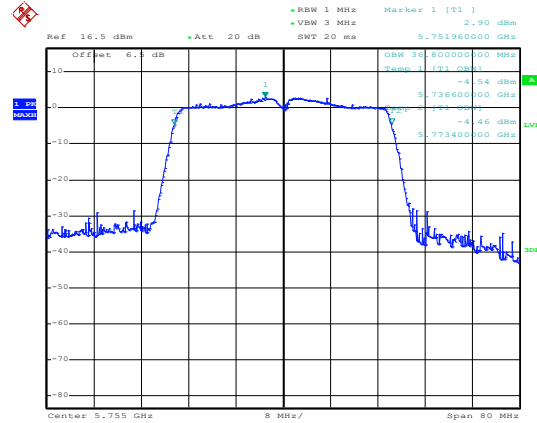
## 802.11ac(HT40)

### 26 dB EBW



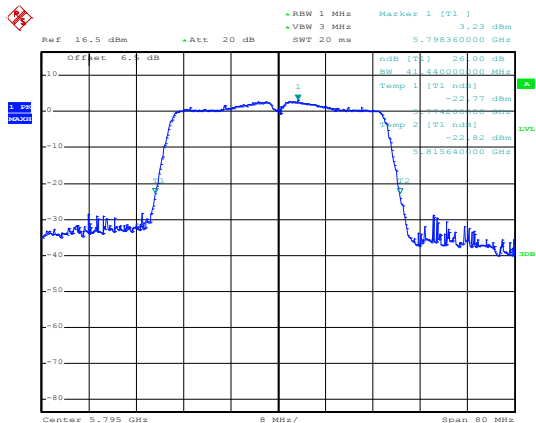
Date: 4.JUL.2020 15:18:18

### 99% OBW

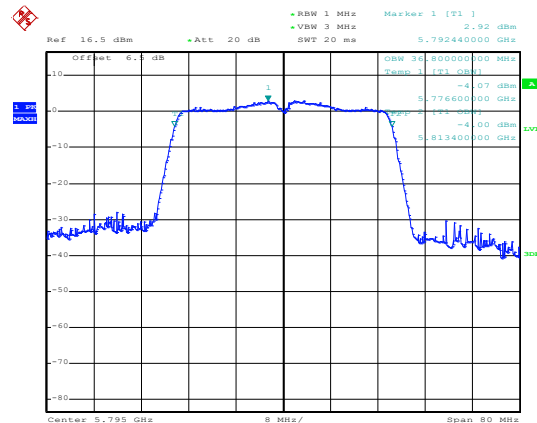


Date: 4.JUL.2020 15:18:25

## Lowest channel



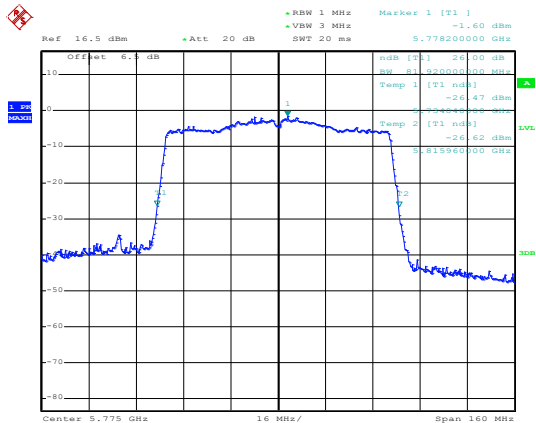
Date: 4.JUL.2020 15:18:47



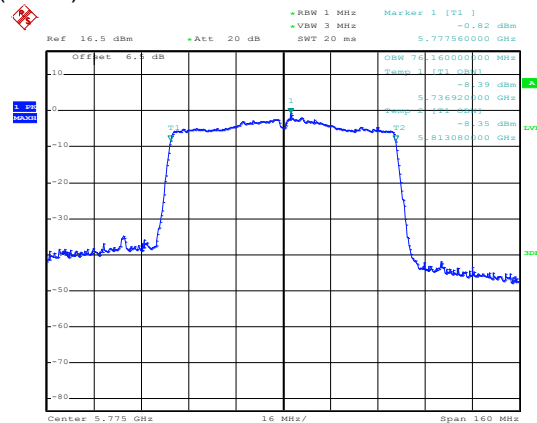
Date: 4.JUL.2020 15:18:40

## Highest channel

## 802.11ac(HT80)



Date: 4.JUL.2020 15:17:49

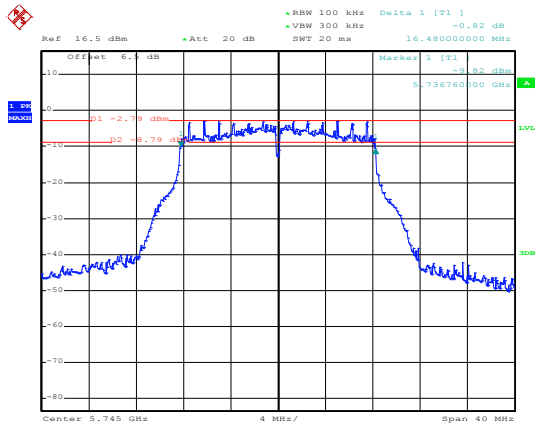


Date: 4.JUL.2020 15:17:42

## Middle channel

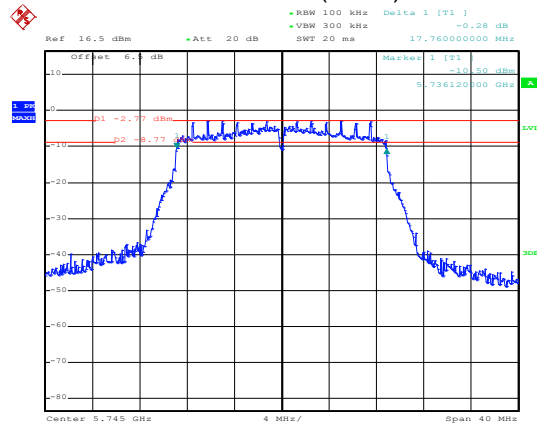
6dB BW

802.11a



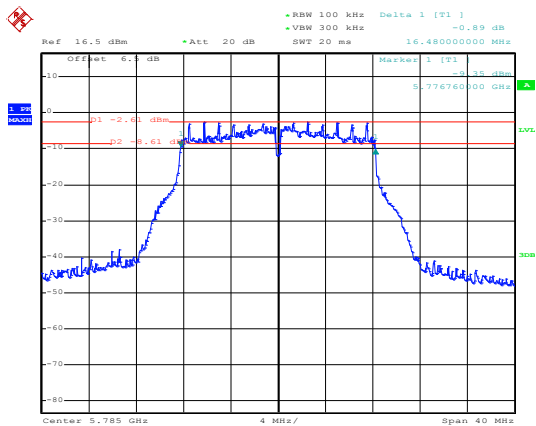
Date: 4.JUL.2020 15:01:15

802.11n(HT20)



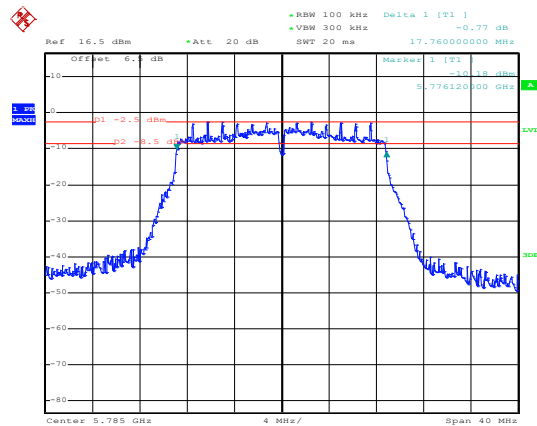
Date: 4.JUL.2020 14:57:21

Lowest channel



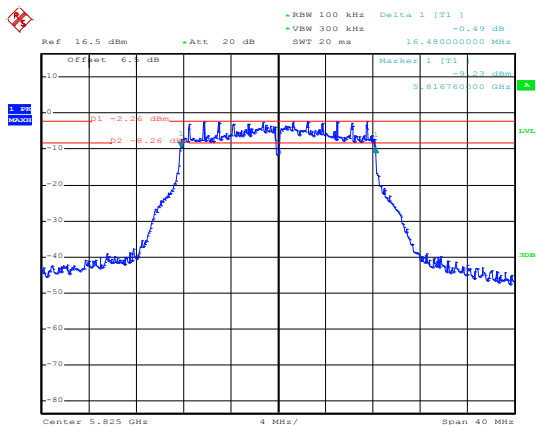
Date: 4.JUL.2020 15:01:56

Lowest channel



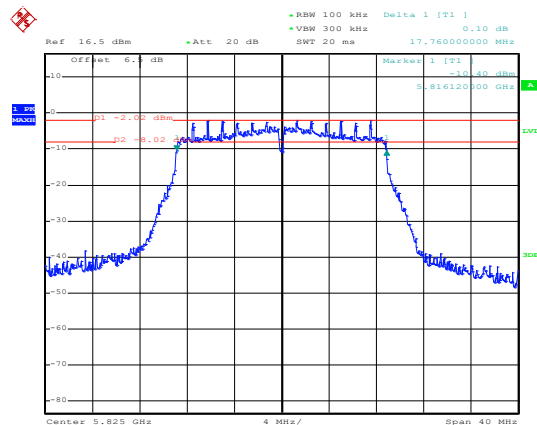
Date: 4.JUL.2020 14:58:03

Middle channel



Date: 4.JUL.2020 15:02:35

Middle channel

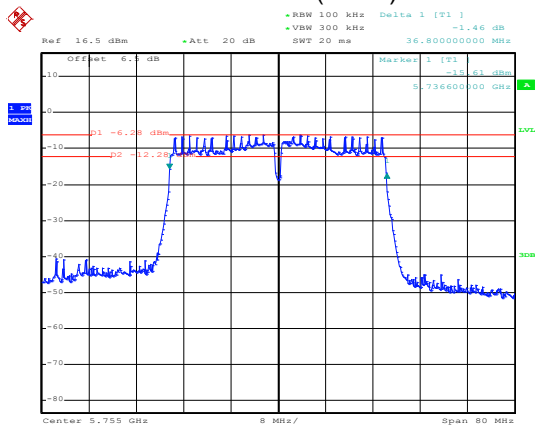


Date: 4.JUL.2020 14:58:42

Highest channel

Highest channel

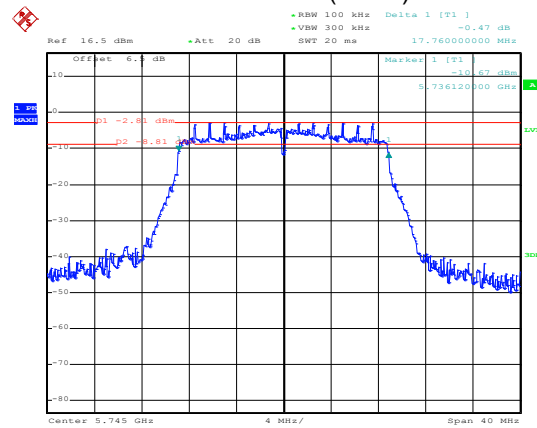
802.11n(HT40)



Date: 4.JUL.2020 14:53:42

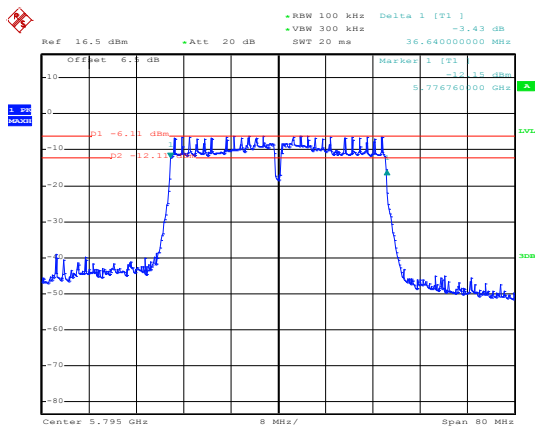
Lowest channel

802.11ac(HT20)



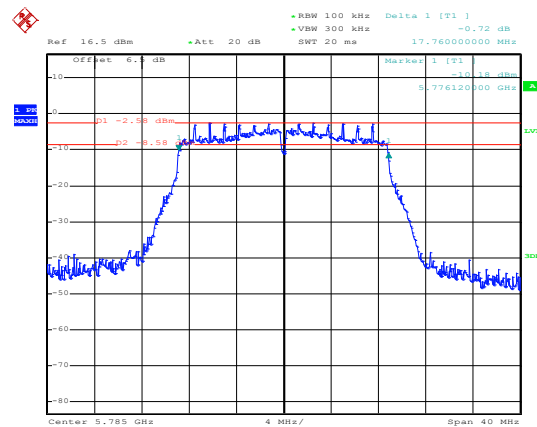
Date: 4.JUL.2020 15:00:39

Lowest channel



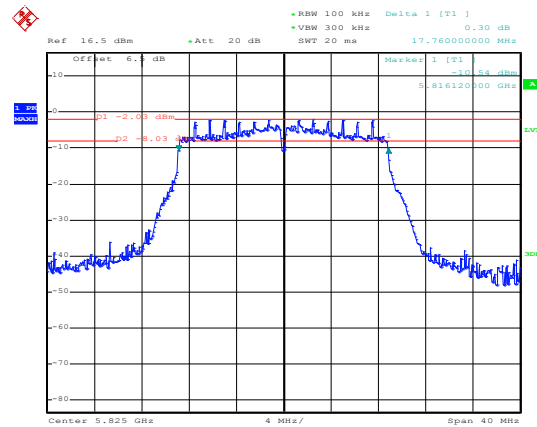
Date: 4.JUL.2020 14:54:32

Highest channel



Date: 4.JUL.2020 15:00:03

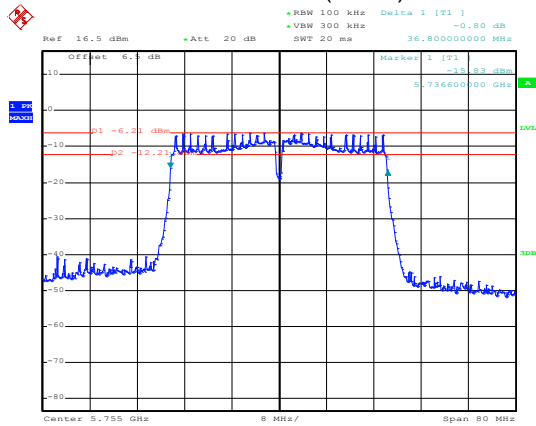
Middle channel



Date: 4.JUL.2020 14:59:23

Highest channel

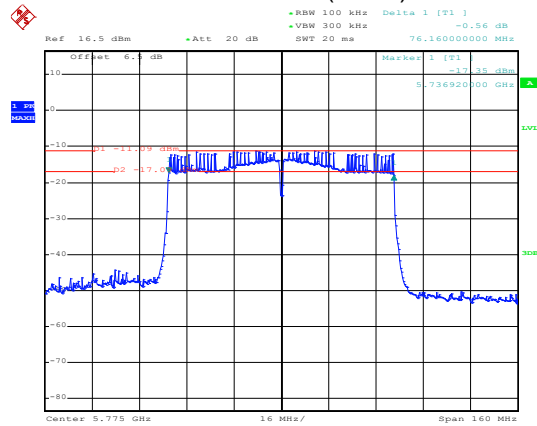
### 802.11ac(HT40)



Date: 4.JUL.2020 14:56:09

Lowest channel

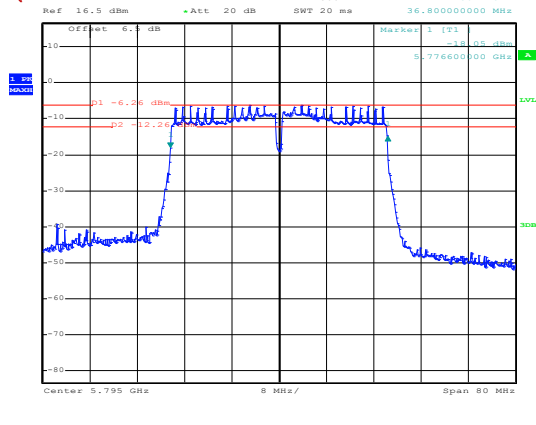
### 802.11ac(HT80)



Date: 4.JUL.2020 14:52:24

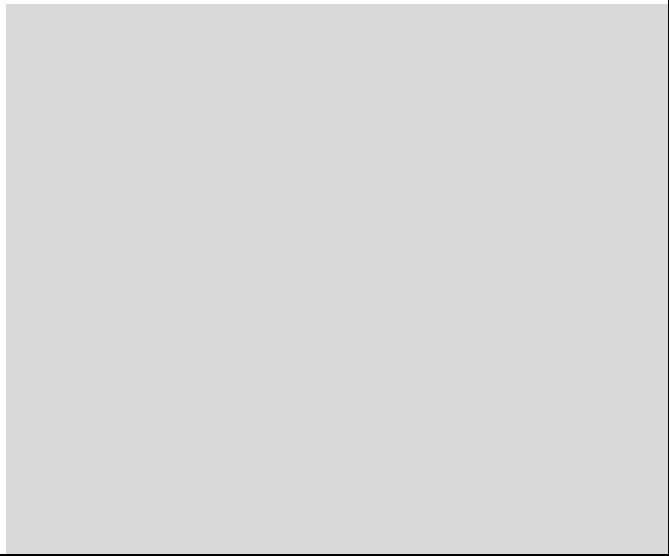
Middle channel

### 802.11ac(HT40)

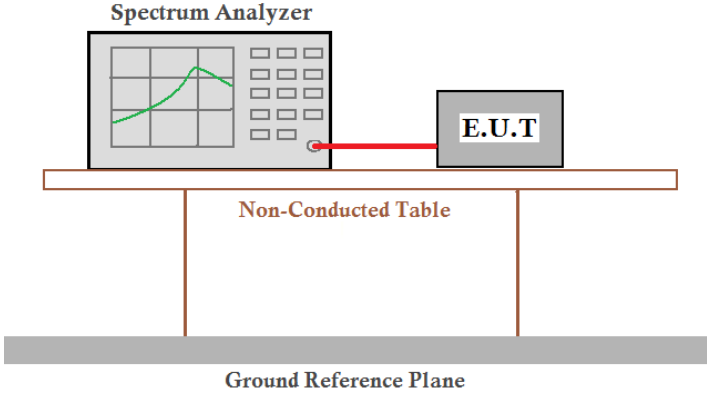


Date: 4.JUL.2020 14:55:24

Highest channel



## 6.5 Power Spectral Density

Test Requirement:	FCC Part15 E Section 15.407 (a) (1) (iv) & (a) (2) & (a)(3)
Limit:	Band 1: 11 dBm/MHz Band 2: 11 dBm/MHz Band 3: 11 dBm/MHz Band 4: 30 dBm/500kHz
Test setup:	 <p>The diagram illustrates the test setup. A Spectrum Analyzer is connected to an E.U.T (Equipment Under Test) via a red cable. Both are placed on a Non-Conducted Table, which is supported by a Ground Reference Plane.</p>
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

**Measurement Data:**

**MAIN ANT:**

Band 1				
Mode	Test CH	PSD (dBm)	Limit (dBm)	Result
802.11a	Lowest	-0.11	11.00	Pass
	Middle	-0.68		
	Highest	-1.39		
802.11n(HT20)	Lowest	-0.70	11.00	Pass
	Middle	-1.20		
	Highest	-2.04		
802.11n(HT40)	Lowest	-4.93	11.00	Pass
	Highest	-5.81		
802.11ac(HT20)	Lowest	-0.69	11.00	Pass
	Middle	-1.39		
	Highest	-2.11		
802.11ac(HT40)	Lowest	-4.66	11.00	Pass
	Highest	-5.60		
802.11ac(HT80)	Middle	-9.69	11.00	Pass

Band 2				
Mode	Test CH	PSD (dBm)	Limit (dBm)	Result
802.11a	Lowest	-1.24	11.00	Pass
	Middle	-1.25		
	Highest	-1.18		
802.11n(HT20)	Lowest	-1.90	11.00	Pass
	Middle	-1.80		
	Highest	-1.67		
802.11n(HT40)	Lowest	-5.68	11.00	Pass
	Highest	-5.72		
802.11ac(HT20)	Lowest	-1.95	11.00	Pass
	Middle	-2.00		
	Highest	-1.87		
802.11ac(HT40)	Lowest	-5.48	11.00	Pass
	Highest	-5.72		
802.11ac(HT80)	Middle	-10.46	11.00	Pass

Band 3				
Mode	Test CH	PSD (dBm)	Limit (dBm)	Result
802.11a	Lowest	1.21	11.00	Pass
	Middle	0.11		
	Highest	-0.58		
802.11n20	Lowest	0.37	11.00	Pass
	Middle	-0.58		
	Highest	-1.46		
802.11n40	Lowest	-3.22	11.00	Pass
	Middle	-4.23		
	Highest	-5.13		
802.11ac20	Lowest	0.61	11.00	Pass
	Middle	-0.35		
	Highest	-1.66		
802.11ac40	Lowest	-3.53	11.00	Pass
	Middle	-4.39		
	Highest	-5.08		
802.11ac80	Lowest	-7.96	11.00	Pass
	Highest	-9.20		

Band 4				
Mode	Test CH	PSD (dBm)	Limit (dBm)	Result
802.11a	Lowest	2.41	30.00	Pass
	Middle	2.69		
	Highest	3.16		
802.11n20	Lowest	2.85	30.00	Pass
	Middle	2.15		
	Highest	3.46		
802.11n40	Lowest	-1.68	30.00	Pass
	Highest	-1.79		
802.11ac20	Lowest	2.05	30.00	Pass
	Middle	1.97		
	Highest	2.08		
802.11ac40	Lowest	-2.01	30.00	Pass
	Highest	-1.42		
802.11ac80	Middle	-6.28	30.00	Pass

**AUX ANT:**

Band 1				
Mode	Test CH	PSD (dBm)	Limit (dBm)	Result
802.11a	Lowest	-0.21	11.00	Pass
	Middle	-0.66		
	Highest	-1.47		
802.11n(HT20)	Lowest	-0.88	11.00	Pass
	Middle	-1.41		
	Highest	-1.97		
802.11n(HT40)	Lowest	-4.95	11.00	Pass
	Highest	-5.81		
802.11ac(HT20)	Lowest	-0.93	11.00	Pass
	Middle	-1.39		
	Highest	-1.84		
802.11ac(HT40)	Lowest	-5.06	11.00	Pass
	Highest	-5.66		
802.11ac(HT80)	Middle	-9.91	11.00	Pass

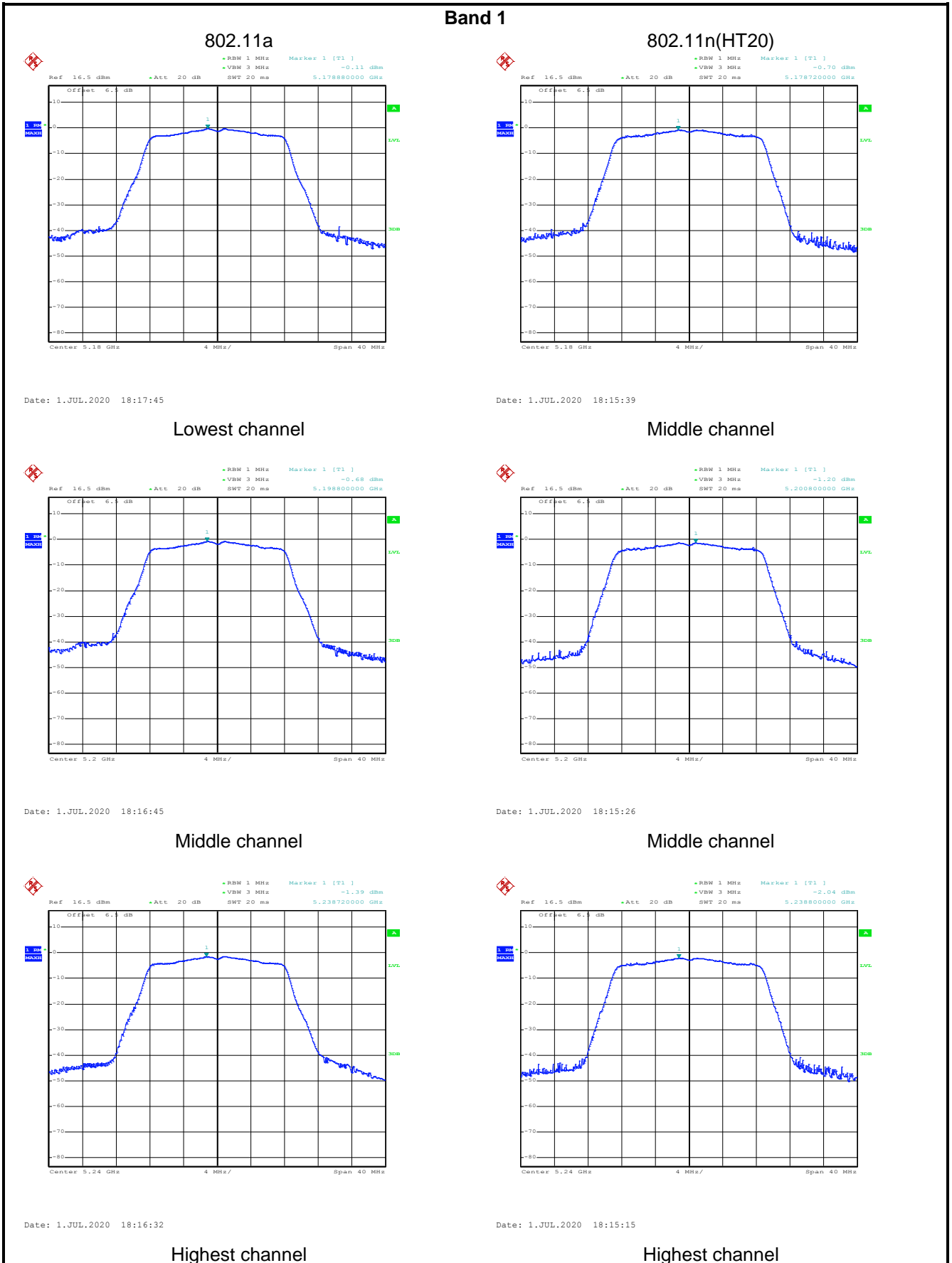
Band 2				
Mode	Test CH	PSD (dBm)	Limit (dBm)	Result
802.11a	Lowest	-1.14	11.00	Pass
	Middle	-1.08		
	Highest	-1.18		
802.11n(HT20)	Lowest	-1.89	11.00	Pass
	Middle	-1.81		
	Highest	-1.78		
802.11n(HT40)	Lowest	-5.70	11.00	Pass
	Highest	-5.53		
802.11ac(HT20)	Lowest	-1.86	11.00	Pass
	Middle	-1.74		
	Highest	-1.67		
802.11ac(HT40)	Lowest	-5.63	11.00	Pass
	Highest	-5.77		
802.11ac(HT80)	Middle	-10.72	11.00	Pass



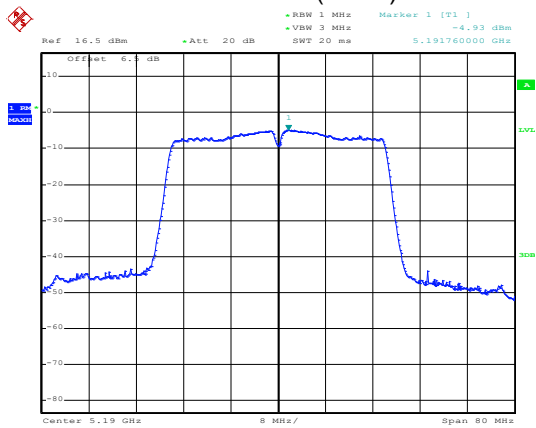
Band 3				
Mode	Test CH	PSD (dBm)	Limit (dBm)	Result
802.11a	Lowest	1.12	11.00	Pass
	Middle	0.11		
	Highest	-0.60		
802.11n20	Lowest	0.44	11.00	Pass
	Middle	-0.48		
	Highest	-1.34		
802.11n40	Lowest	-3.42	11.00	Pass
	Middle	-3.80		
	Highest	-5.20		
802.11ac20	Lowest	0.66	11.00	Pass
	Middle	-0.36		
	Highest	-1.22		
802.11ac40	Lowest	-3.18	11.00	Pass
	Middle	-4.36		
	Highest	-5.12		
802.11ac80	Lowest	-8.34	11.00	Pass
	Highest	-9.49		

Band 4				
Mode	Test CH	PSD (dBm)	Limit (dBm)	Result
802.11a	Lowest	2.92	30.00	Pass
	Middle	2.81		
	Highest	2.94		
802.11n20	Lowest	2.01	30.00	Pass
	Middle	2.24		
	Highest	3.38		
802.11n40	Lowest	-1.21	30.00	Pass
	Highest	-1.50		
802.11ac20	Lowest	2.03	30.00	Pass
	Middle	2.43		
	Highest	2.71		
802.11ac40	Lowest	-1.26	30.00	Pass
	Highest	-0.99		
802.11ac80	Middle	-6.94	30.00	Pass

Test plot as follows:  
**MAIN ANT:**



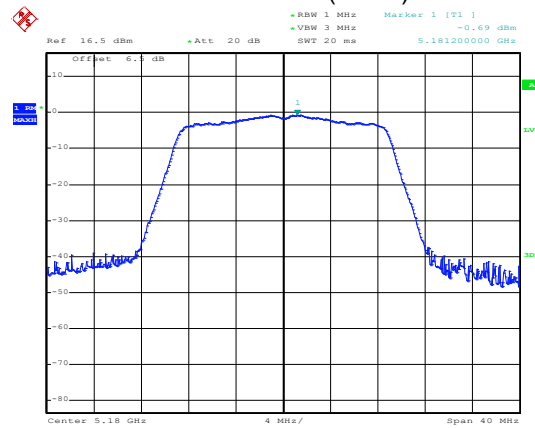
802.11n(HT40)



Date: 1.JUL.2020 18:18:55

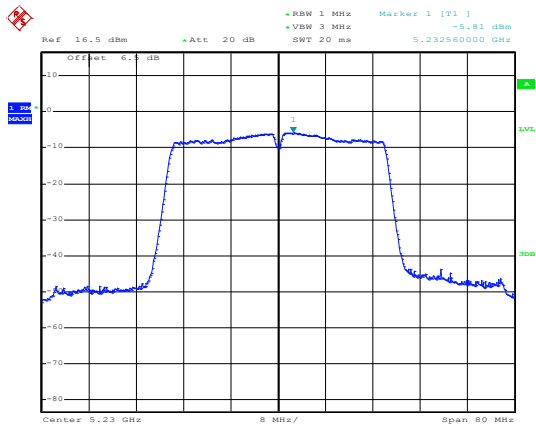
Lowest channel

802.11ac(HT20)



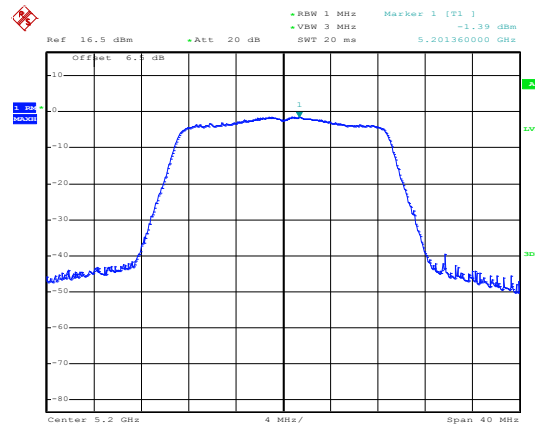
Date: 1.JUL.2020 18:15:54

Middle channel



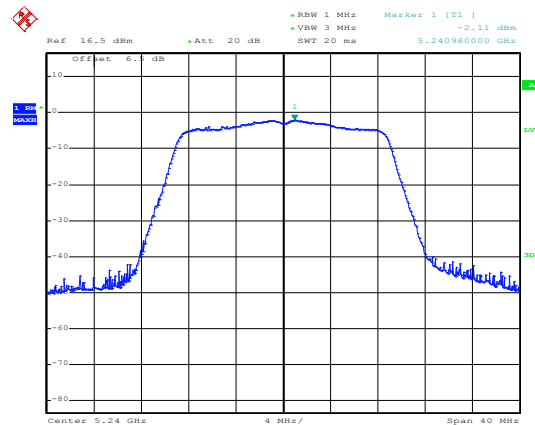
Date: 1.JUL.2020 18:18:41

Highest channel



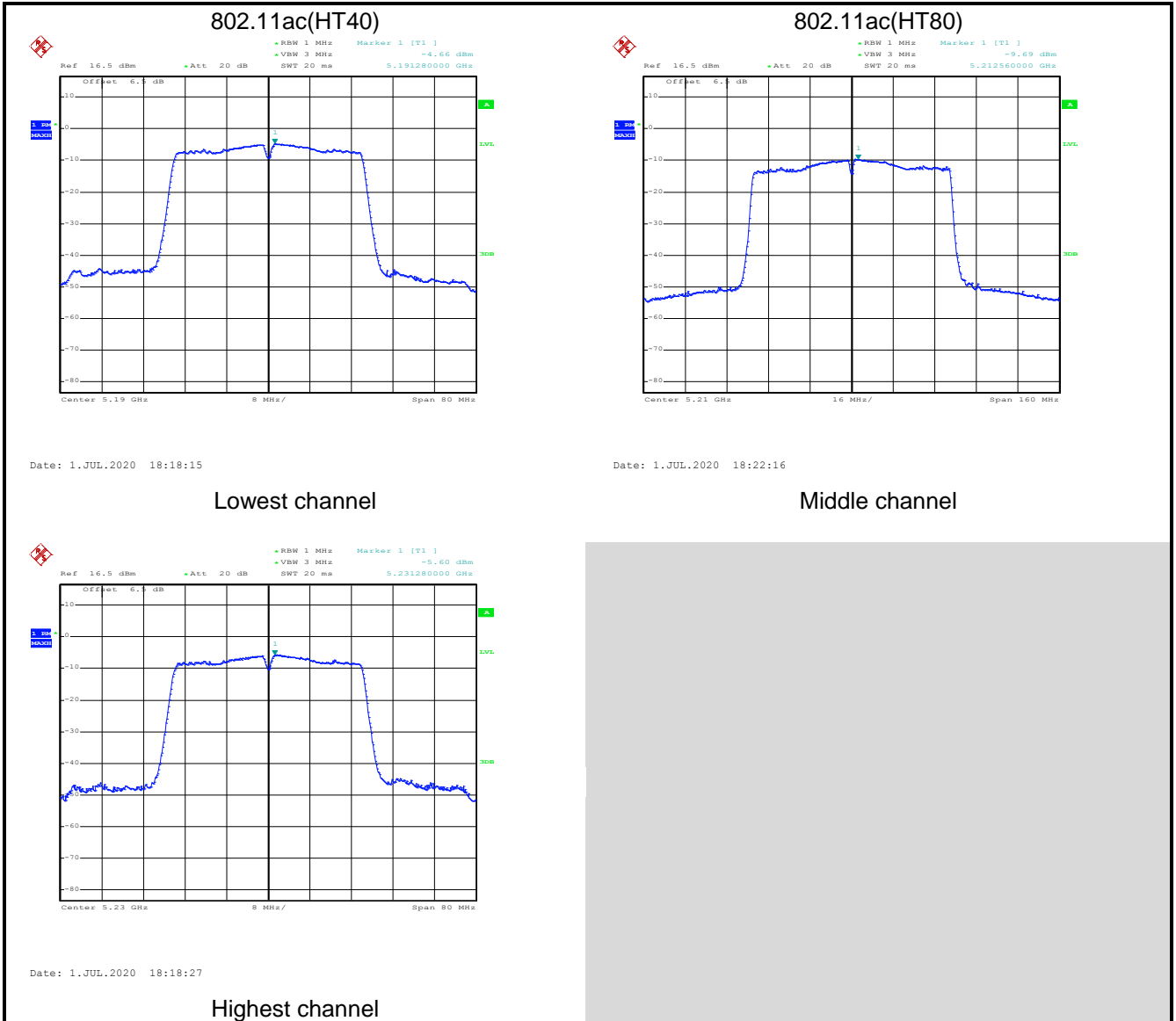
Date: 1.JUL.2020 18:16:06

Middle channel



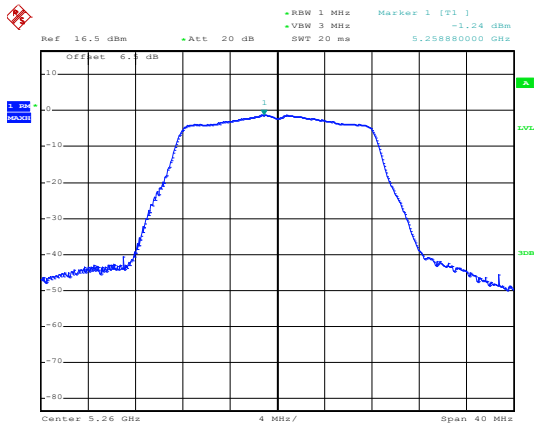
Date: 1.JUL.2020 18:16:19

Highest channel



## Band 2

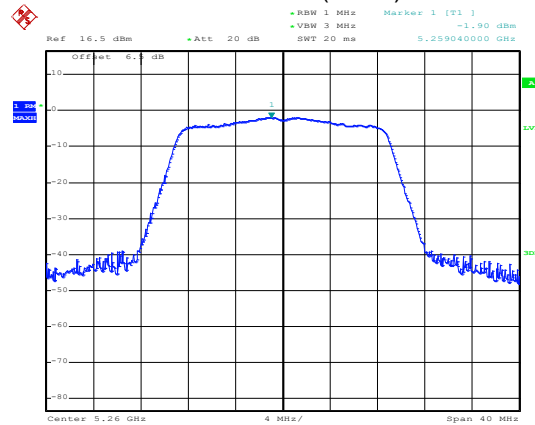
802.11a



Date: 1.JUL.2020 18:12:54

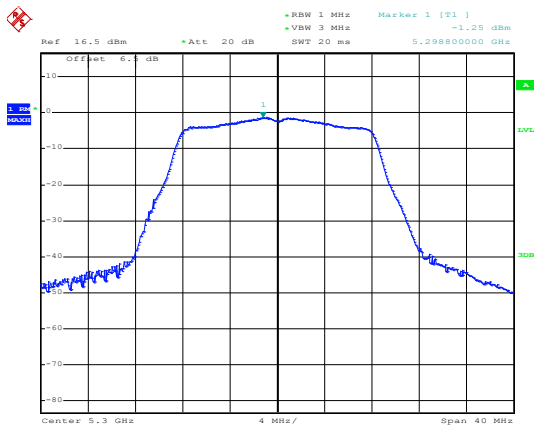
Lowest channel

802.11n(HT20)



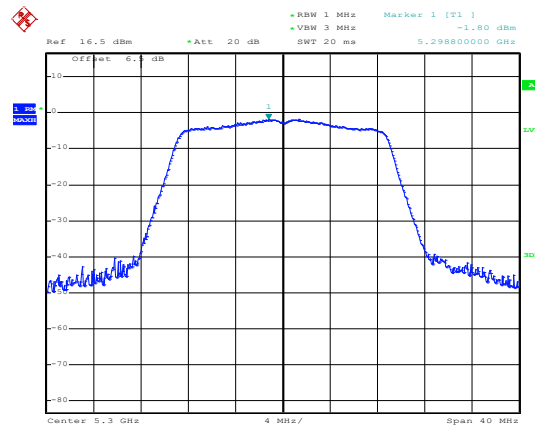
Date: 1.JUL.2020 18:14:34

Middle channel



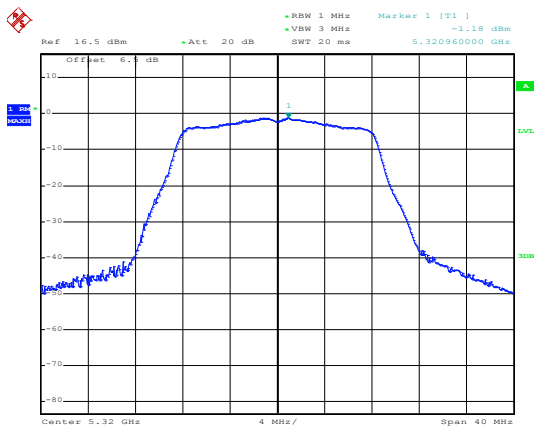
Date: 1.JUL.2020 18:13:28

Middle channel



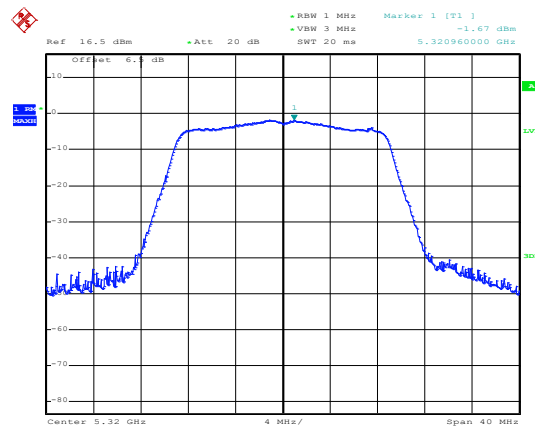
Date: 1.JUL.2020 18:14:48

Middle channel



Date: 1.JUL.2020 18:13:40

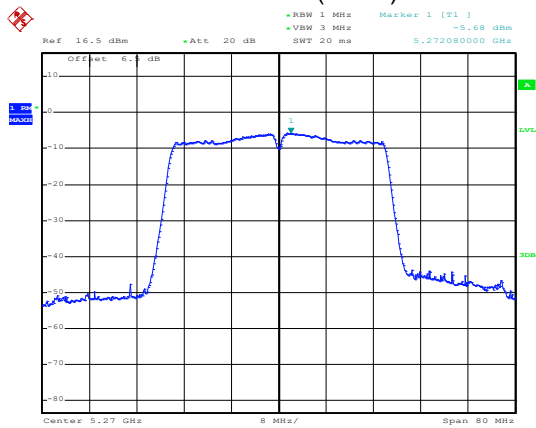
Highest channel



Date: 1.JUL.2020 18:15:00

Highest channel

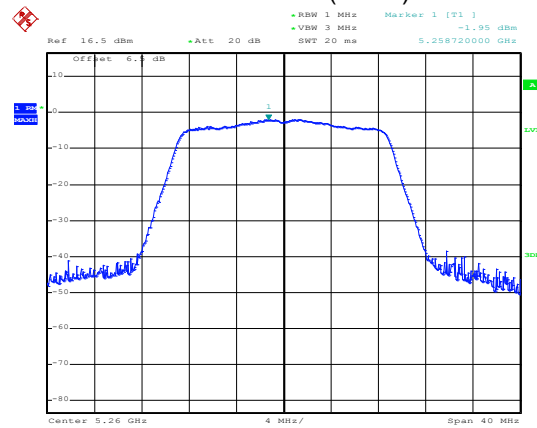
802.11n(HT40)



Date: 1.JUL.2020 18:19:10

Lowest channel

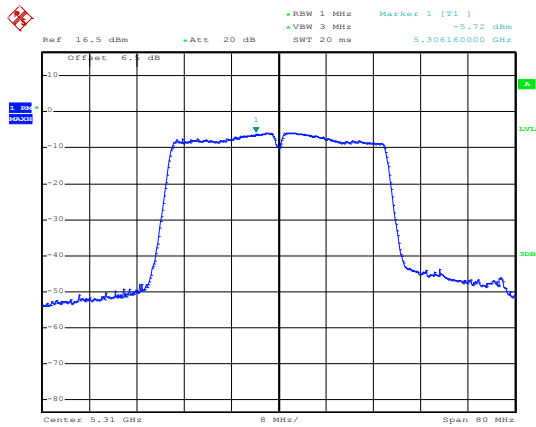
802.11ac(HT20)



Date: 1.JUL.2020 18:14:21

Middle channel

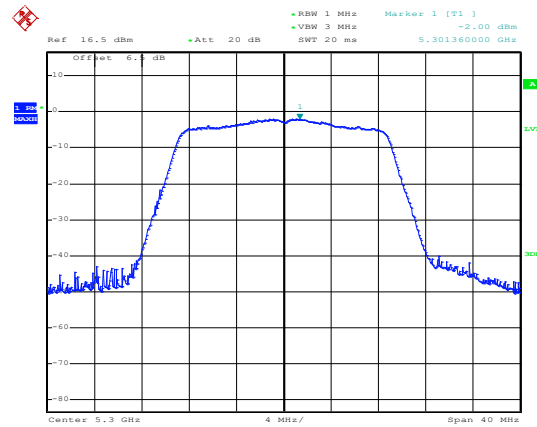
Lowest channel



Date: 1.JUL.2020 18:19:22

Highest channel

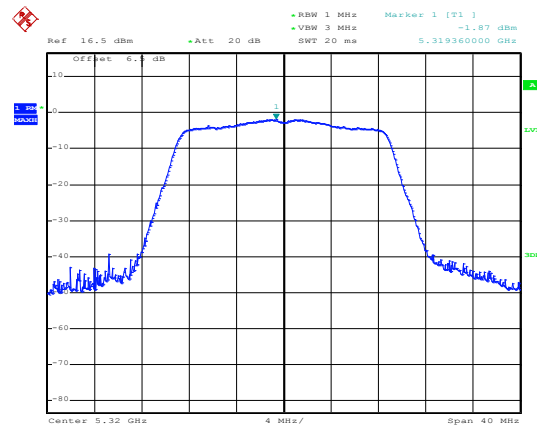
Middle channel



Date: 1.JUL.2020 18:14:07

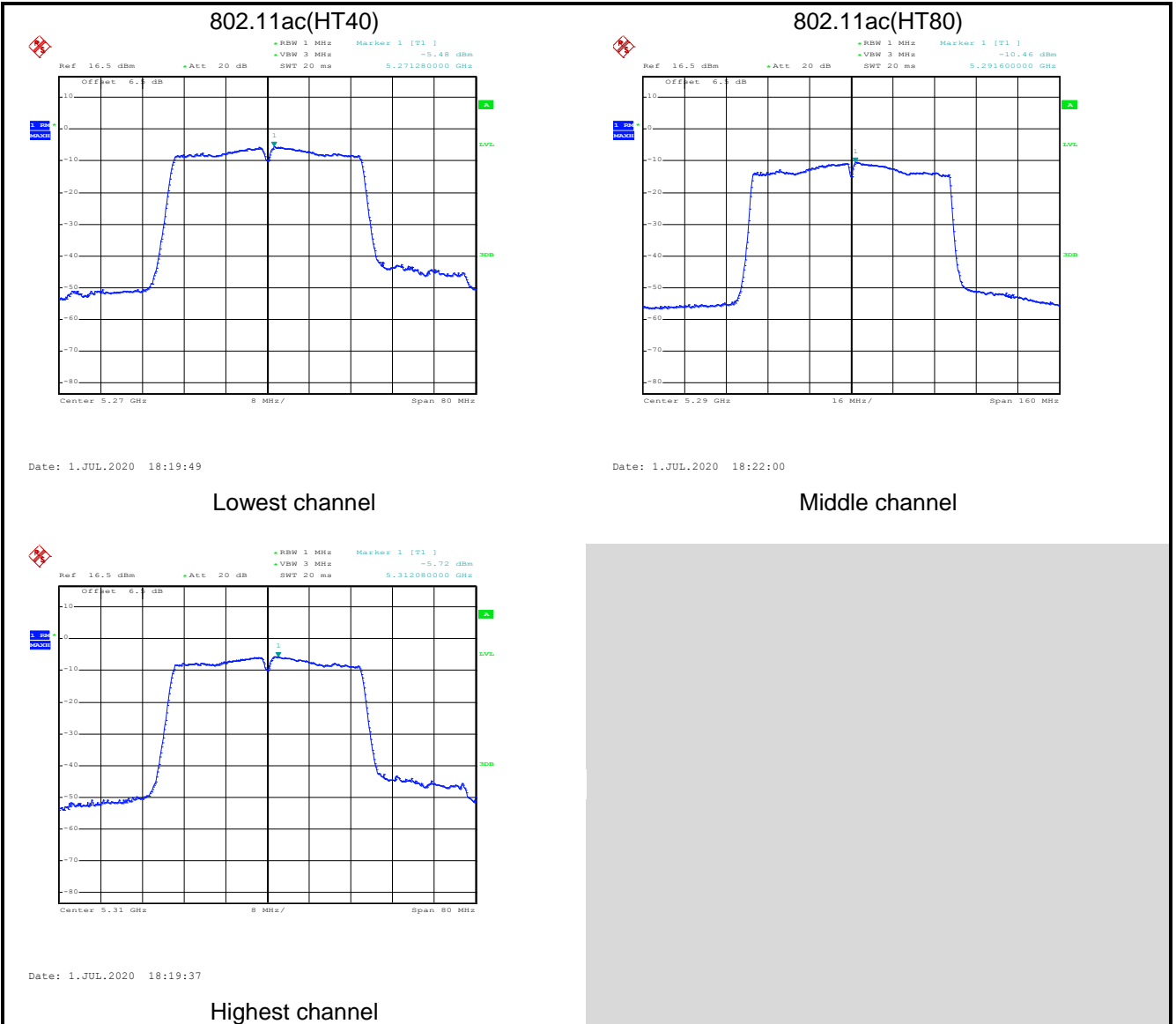
Middle channel

Highest channel



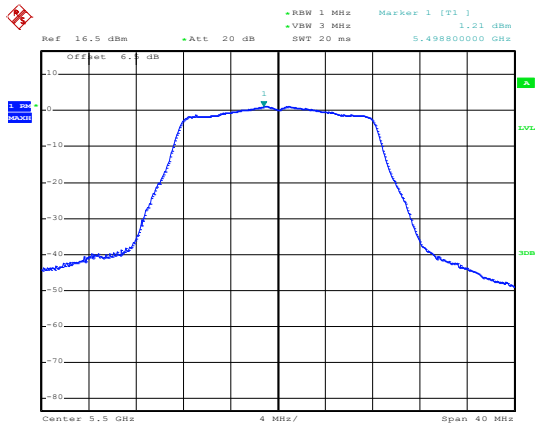
Date: 1.JUL.2020 18:13:54

Highest channel



## Band 3

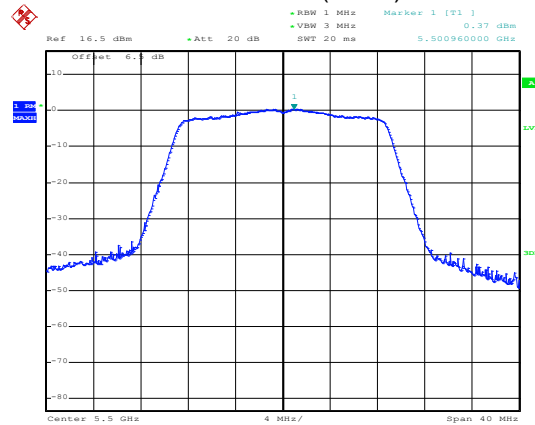
802.11a



Date: 1.JUL.2020 18:12:36

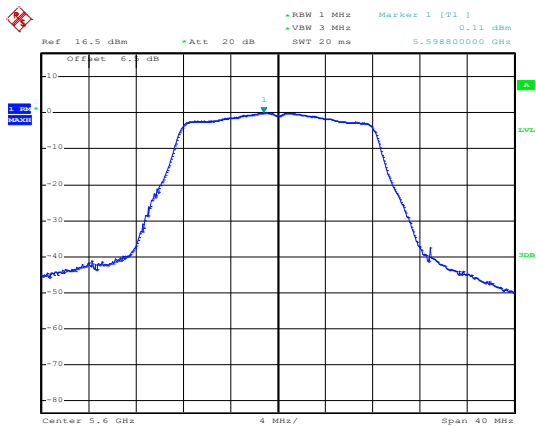
Lowest channel

802.11n(HT20)



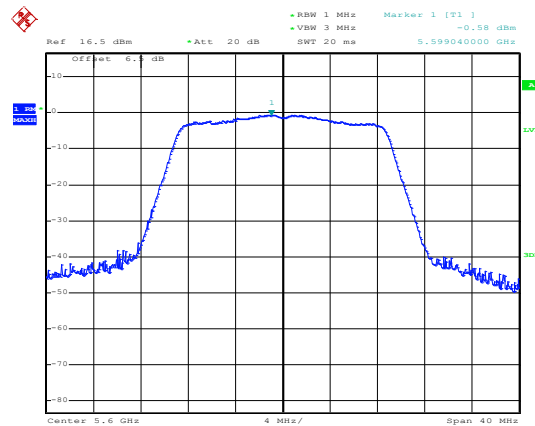
Date: 1.JUL.2020 18:10:59

Middle channel



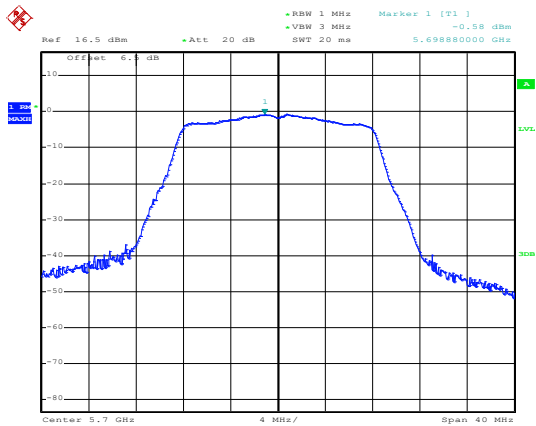
Date: 1.JUL.2020 18:12:24

Middle channel



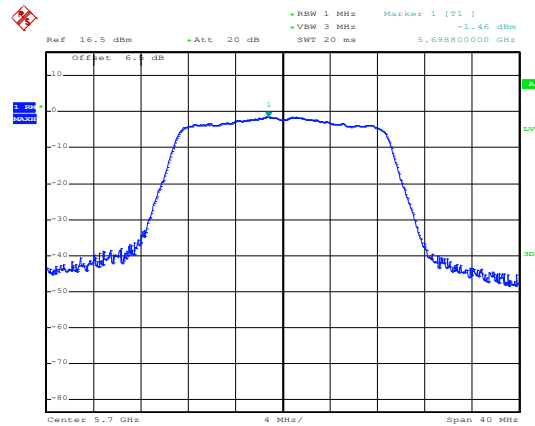
Date: 1.JUL.2020 18:10:46

Middle channel



Date: 1.JUL.2020 18:12:09

Highest channel

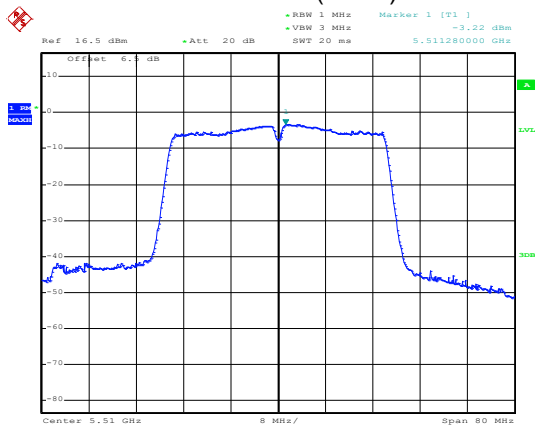


Date: 1.JUL.2020 18:10:33

Highest channel



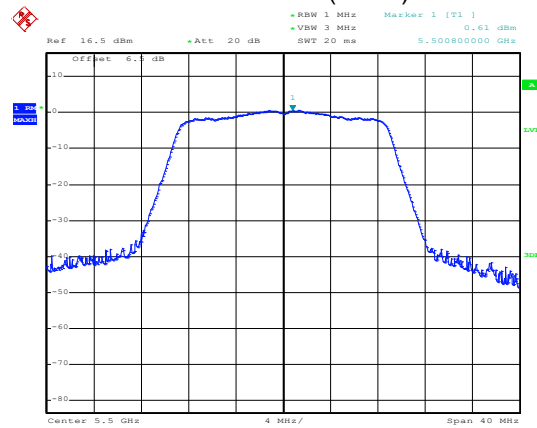
802.11n(HT40)



Date: 1.JUL.2020 18:21:09

Lowest channel

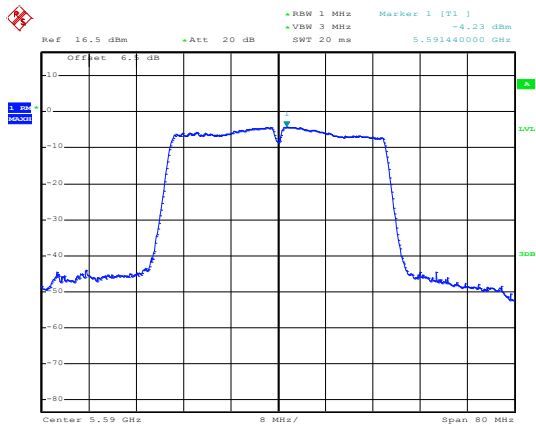
802.11ac(HT20)



Date: 1.JUL.2020 18:11:19

Middle channel

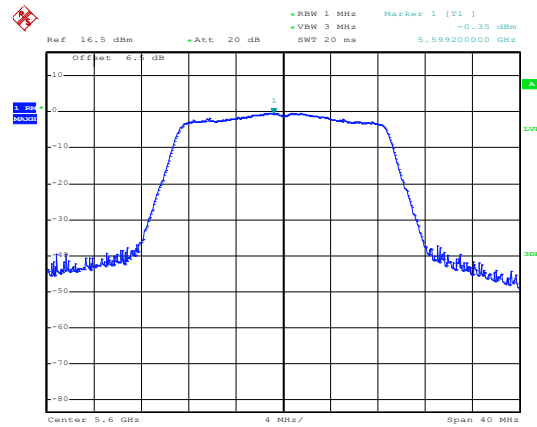
Middle channel



Date: 1.JUL.2020 18:20:57

Middle channel

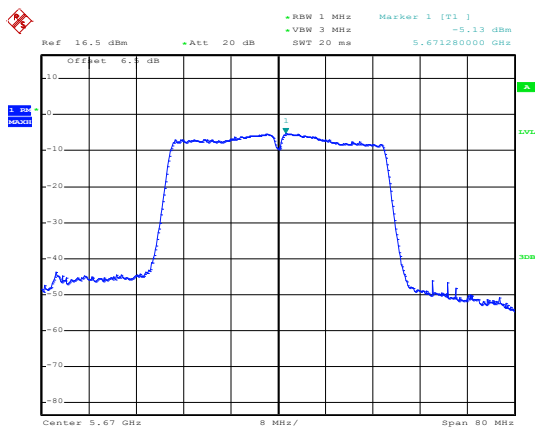
Middle channel



Date: 1.JUL.2020 18:11:40

Middle channel

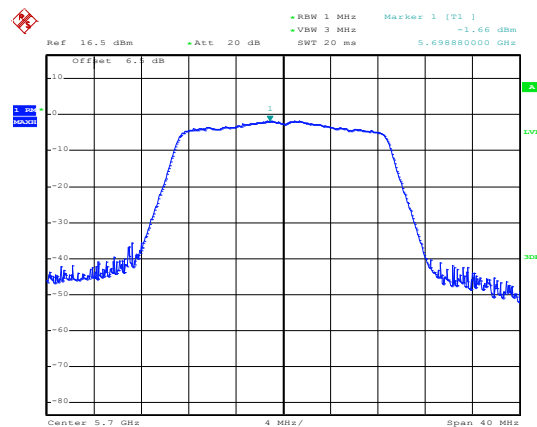
Highest channel



Date: 1.JUL.2020 18:20:44

Highest channel

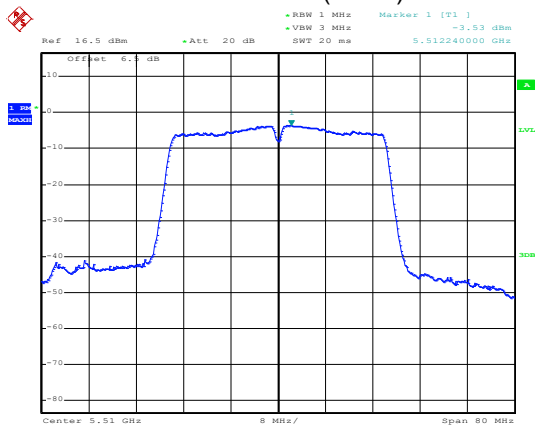
Highest channel



Date: 1.JUL.2020 18:11:55

Highest channel

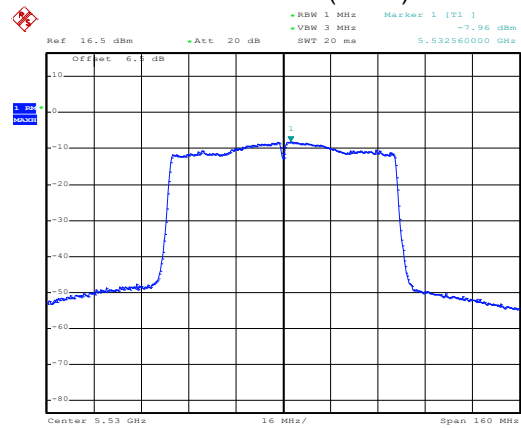
### 802.11ac(HT40)



Date: 1.JUL.2020 18:20:04

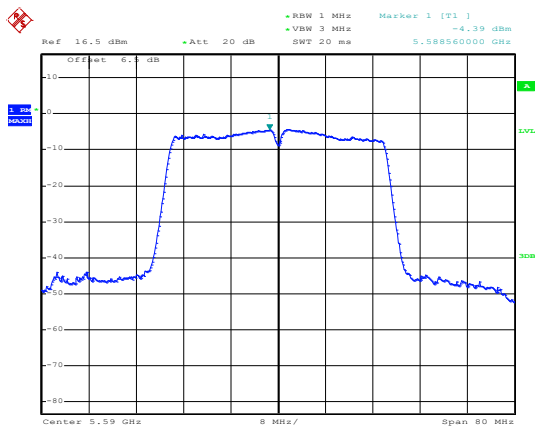
Lowest channel

### 802.11ac(HT80)



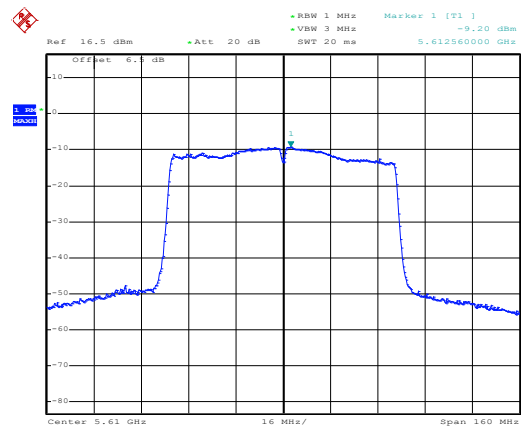
Date: 1.JUL.2020 18:21:33

Middle channel



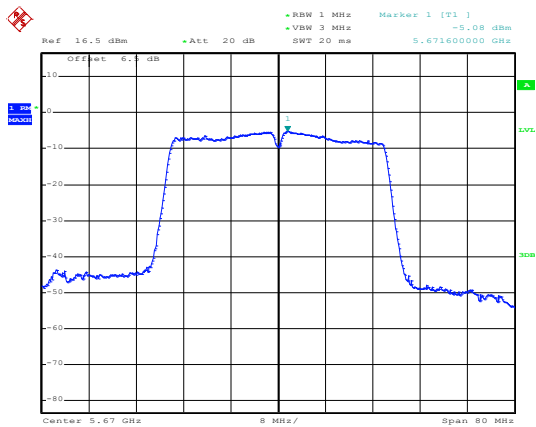
Date: 1.JUL.2020 18:20:17

Middle channel



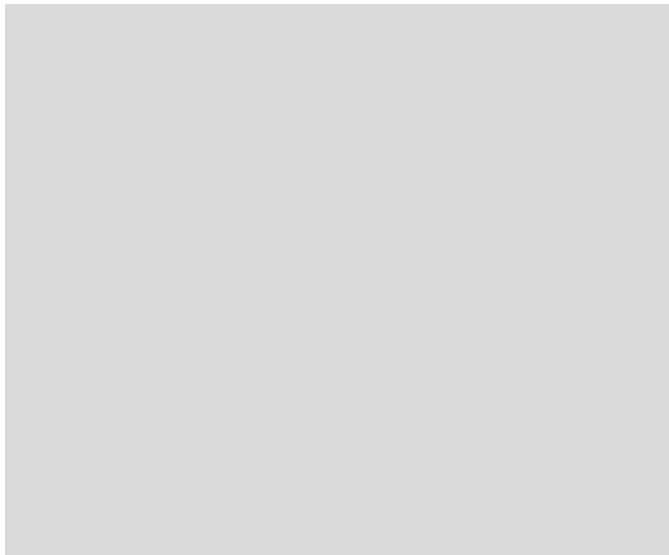
Date: 1.JUL.2020 18:21:45

Highest channel



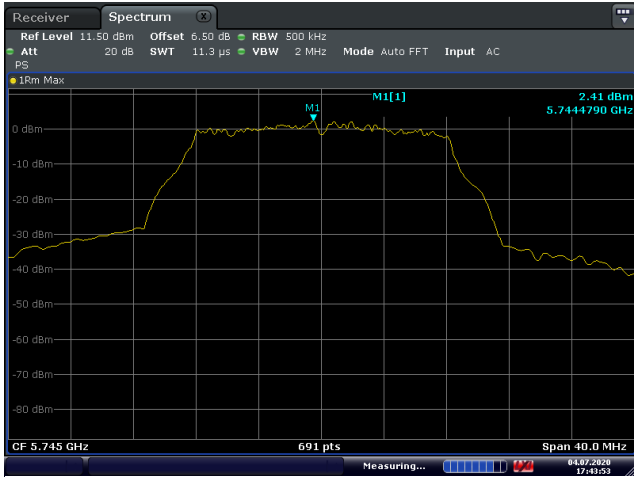
Date: 1.JUL.2020 18:20:29

Highest channel



## Band 4

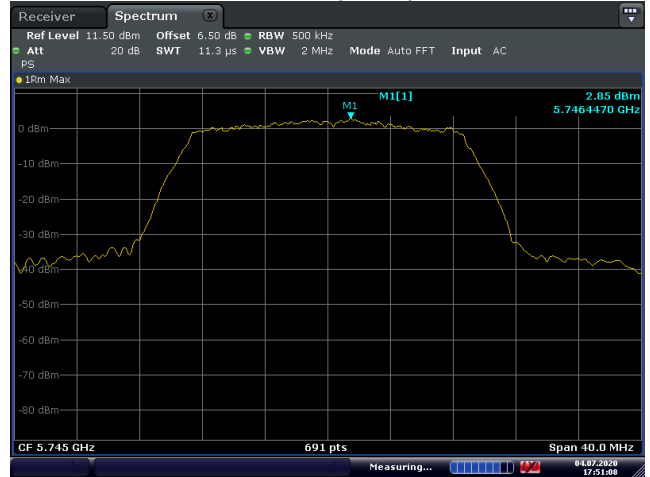
802.11a



Date: 4 JUL 2020 17:43:53

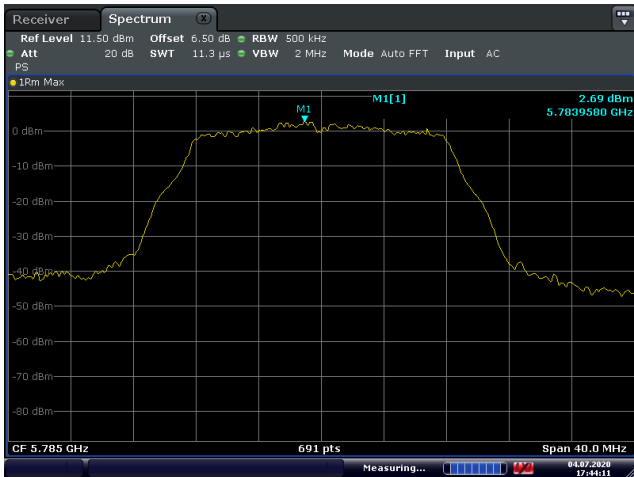
Lowest channel

802.11n(HT20)



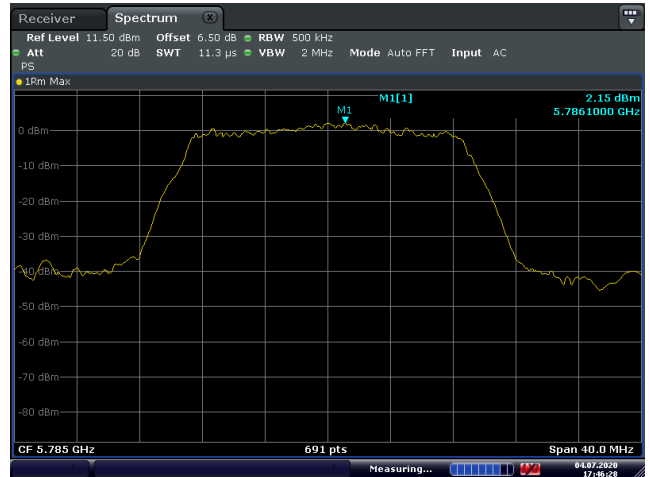
Date: 4 JUL 2020 17:51:09

Middle channel



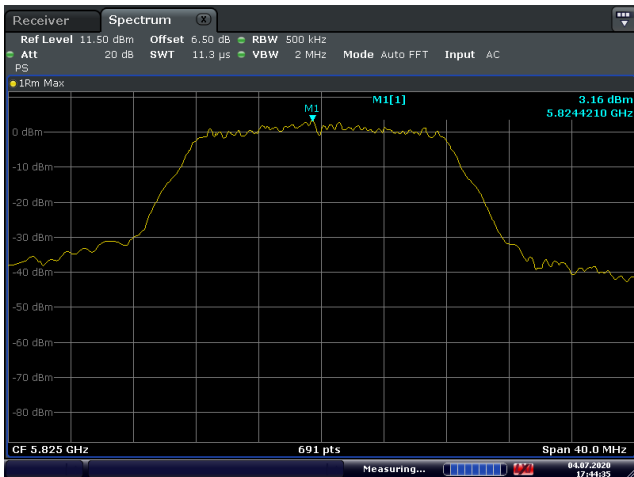
Date: 4 JUL 2020 17:44:12

Middle channel



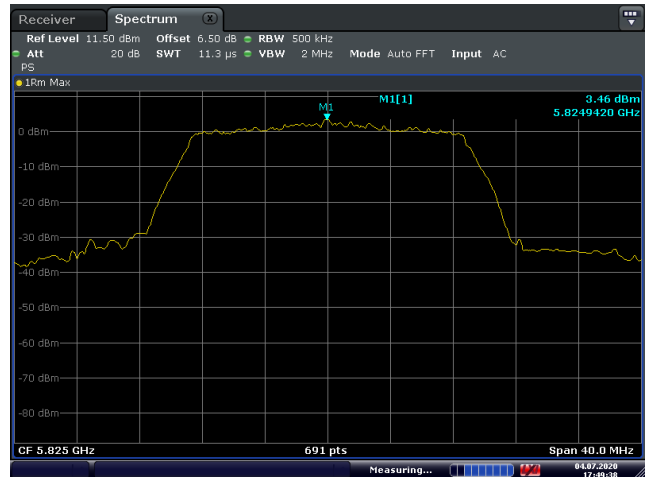
Date: 4 JUL 2020 17:46:28

Middle channel



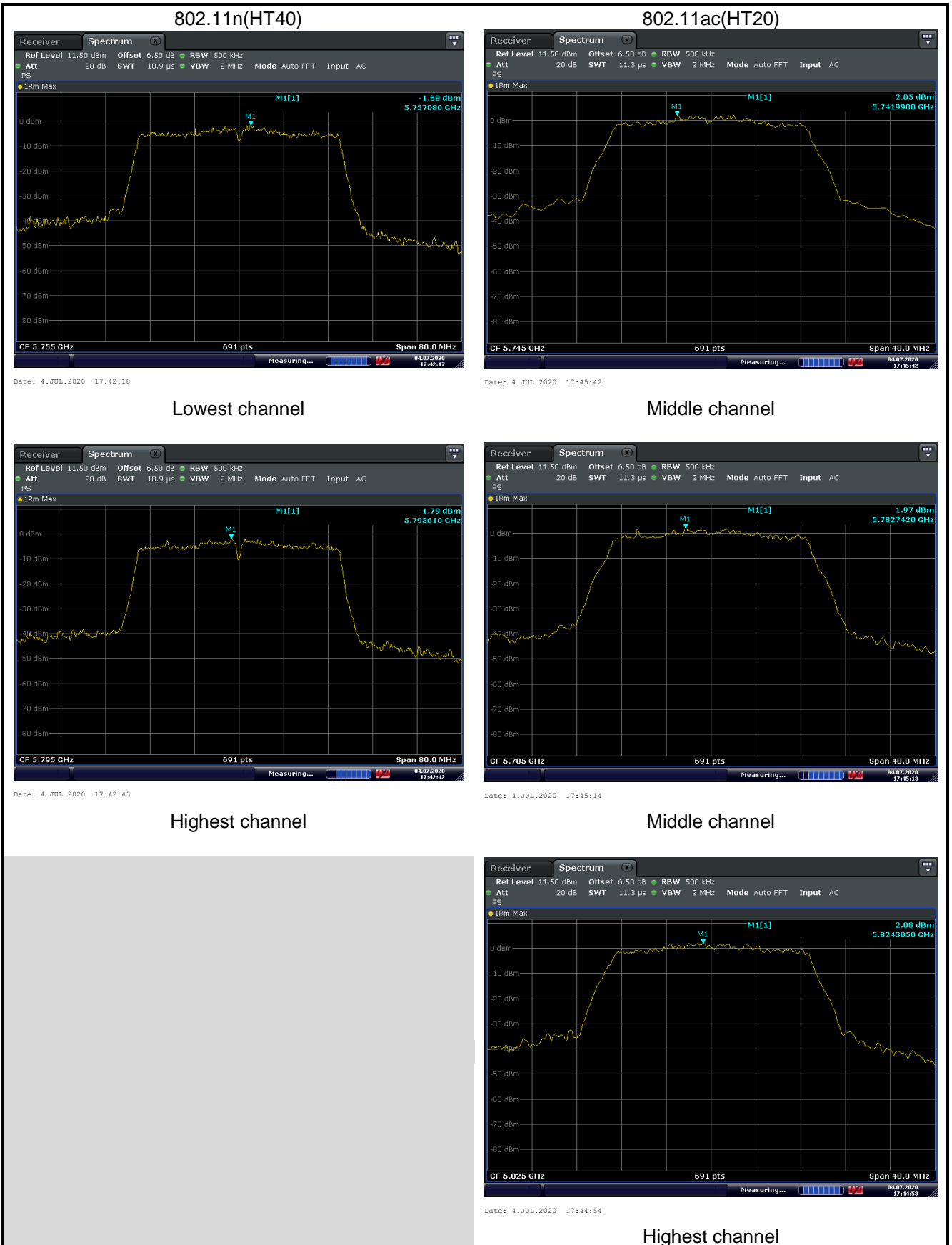
Date: 4 JUL 2020 17:44:35

Highest channel



Date: 4 JUL 2020 17:49:39

Highest channel

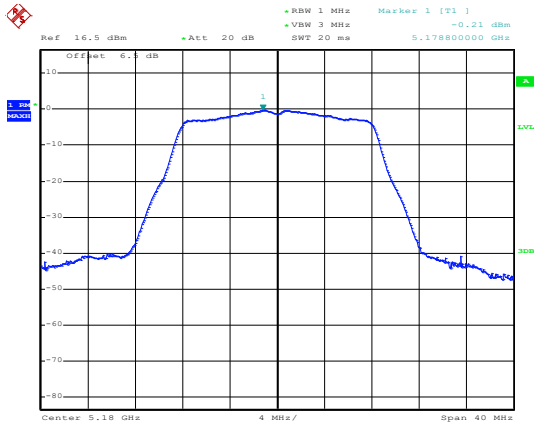




AUX ANT

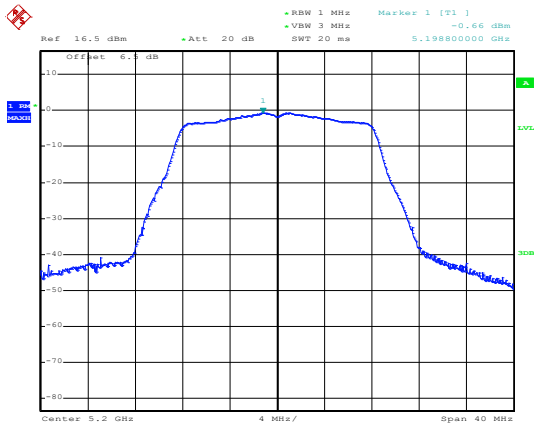
Band 1

802.11a



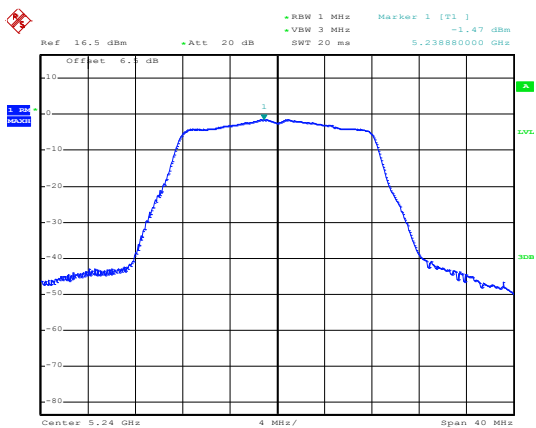
Date: 4.JUL.2020 15:10:53

Lowest channel



Date: 4.JUL.2020 15:11:08

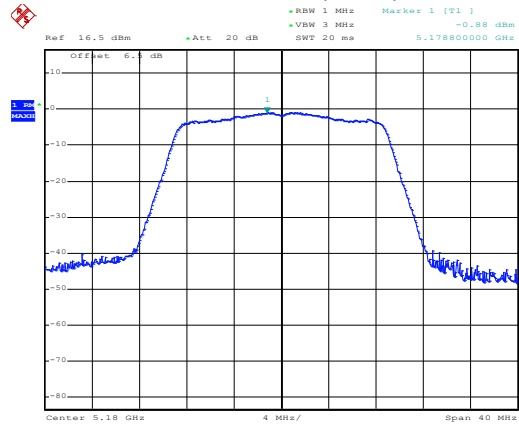
Middle channel



Date: 4.JUL.2020 15:11:21

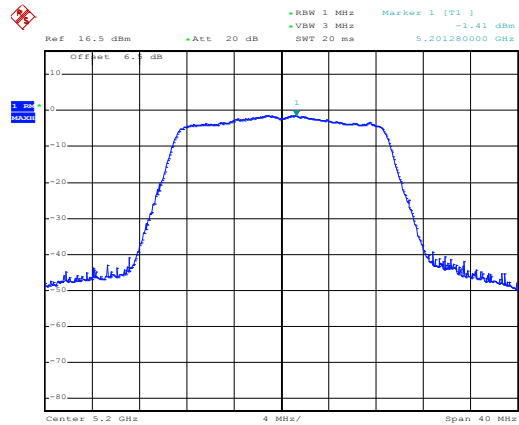
Highest channel

802.11n(HT20)



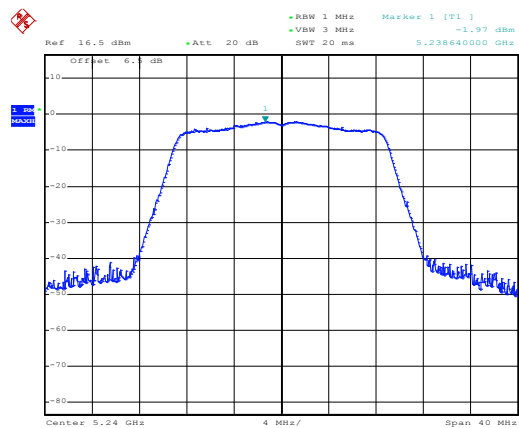
Date: 4.JUL.2020 15:12:13

Middle channel



Date: 4.JUL.2020 15:12:23

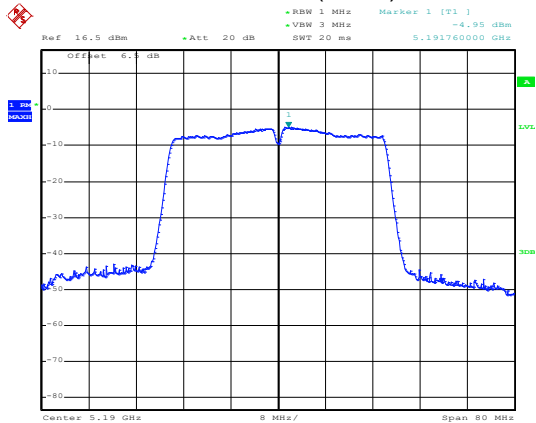
Middle channel



Date: 4.JUL.2020 15:12:32

Highest channel

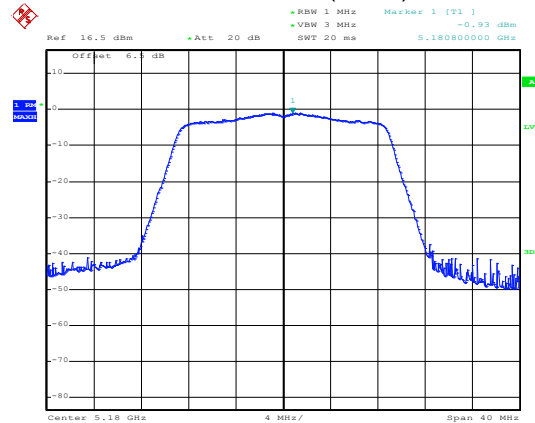
802.11n(HT40)



Date: 4.JUL.2020 15:12:50

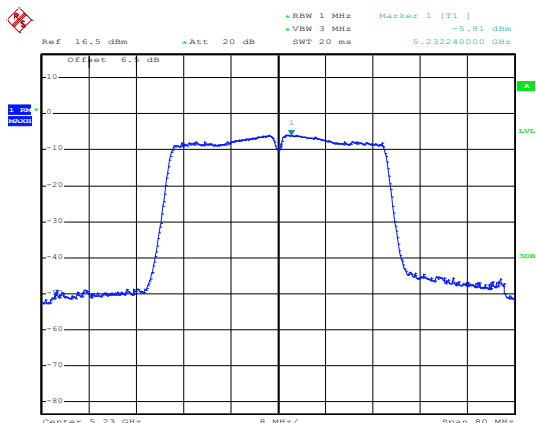
Lowest channel

802.11ac(HT20)



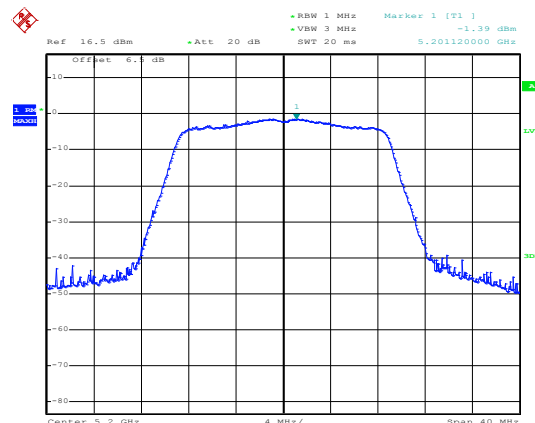
Date: 4.JUL.2020 15:12:01

Middle channel



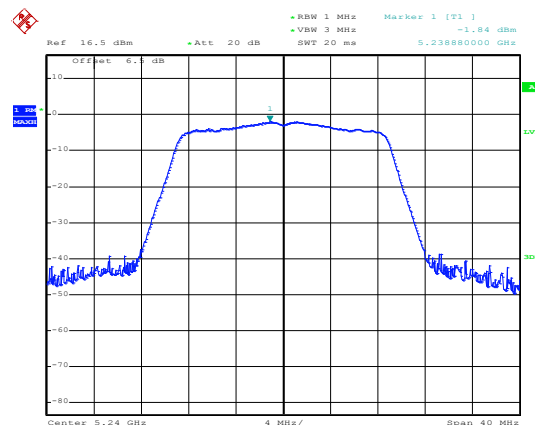
Date: 4.JUL.2020 15:13:07

Highest channel



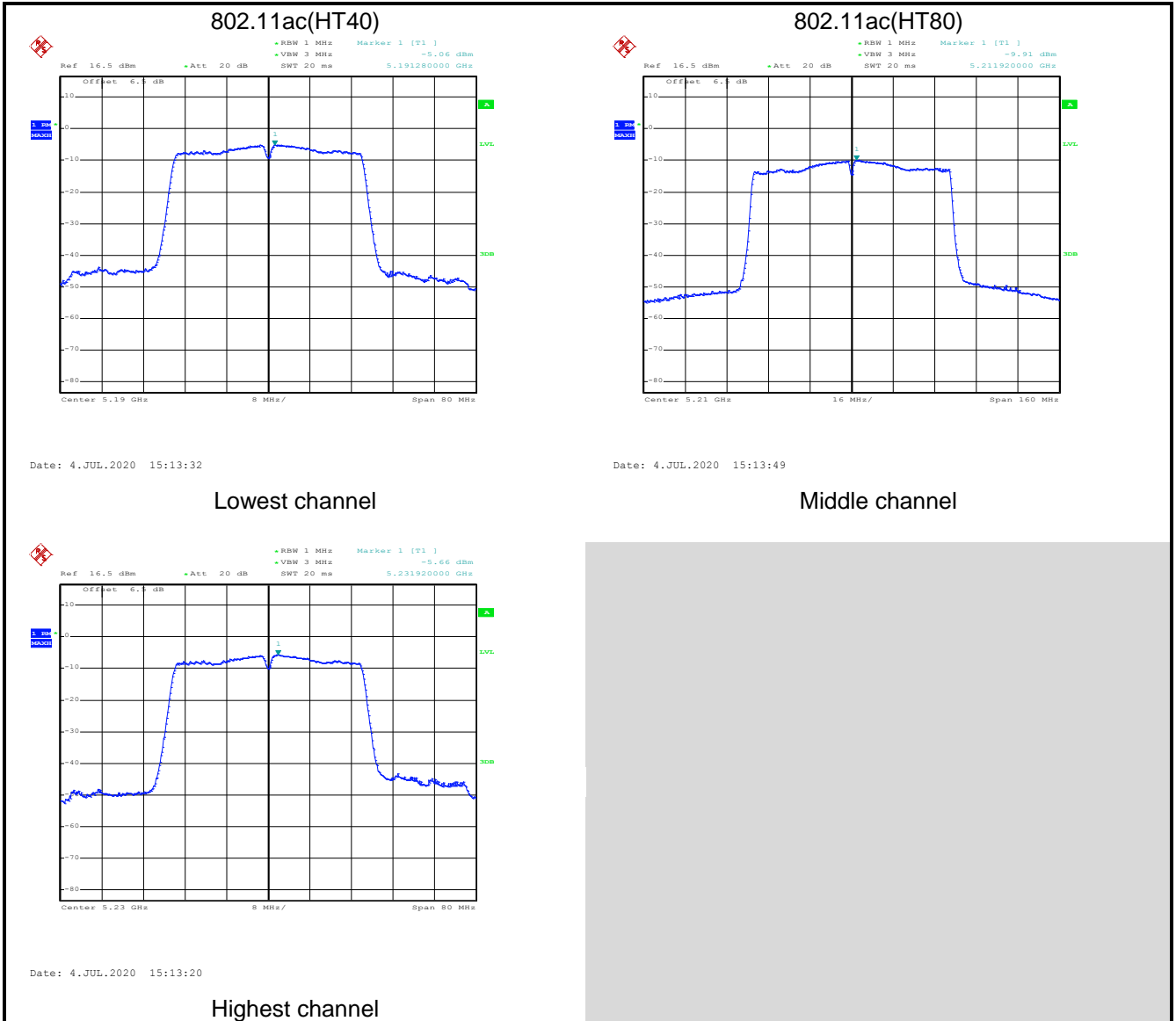
Date: 4.JUL.2020 15:11:51

Middle channel



Date: 4.JUL.2020 15:11:40

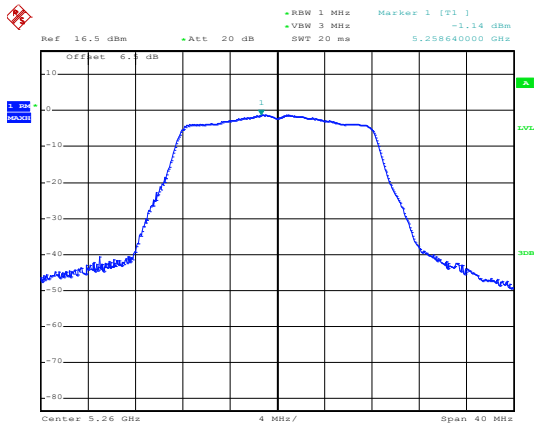
Highest channel





## Band 2

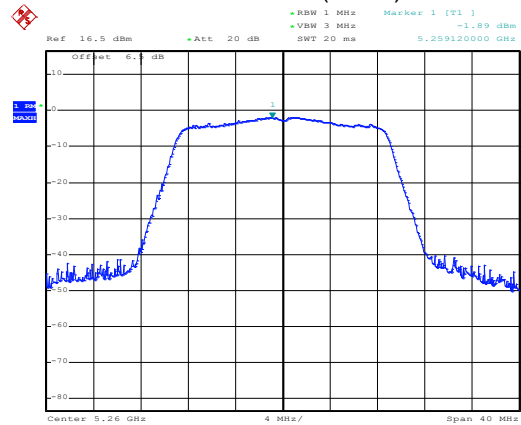
802.11a



Date: 4.JUL.2020 15:10:08

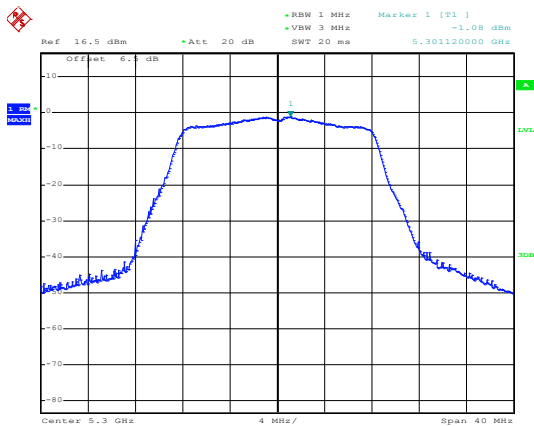
Lowest channel

802.11n(HT20)



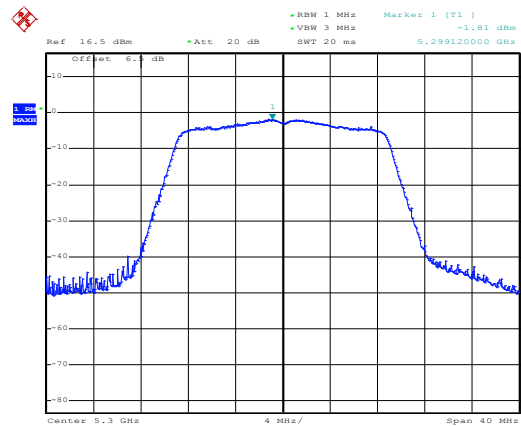
Date: 4.JUL.2020 15:09:56

Middle channel



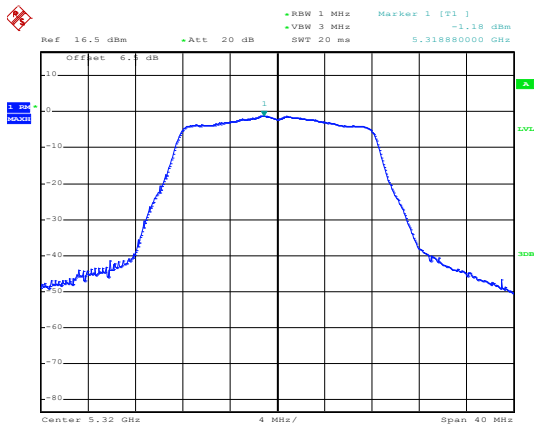
Date: 4.JUL.2020 15:10:21

Middle channel



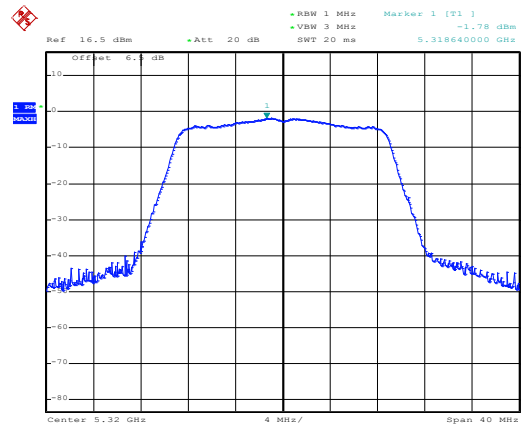
Date: 4.JUL.2020 15:09:45

Middle channel



Date: 4.JUL.2020 15:10:33

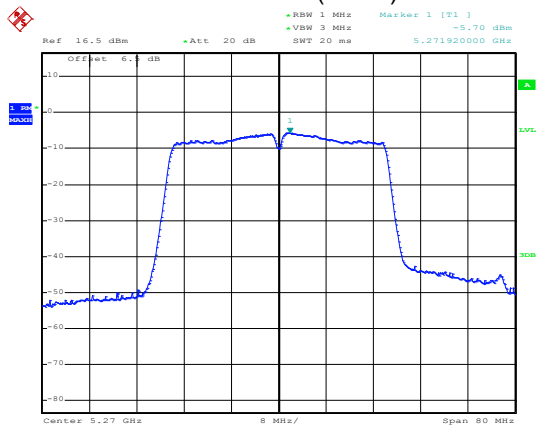
Highest channel



Date: 4.JUL.2020 15:09:35

Highest channel

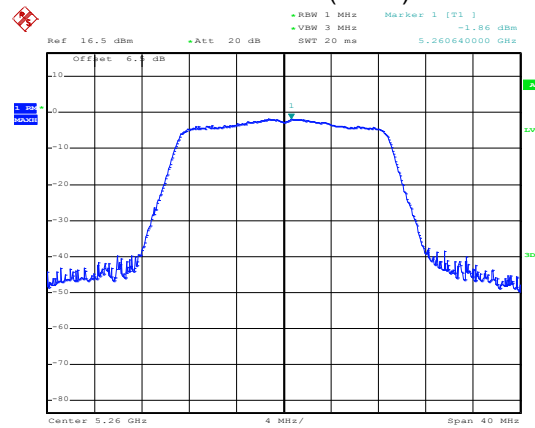
802.11n(HT40)



Date: 4.JUL.2020 15:08:02

Lowest channel

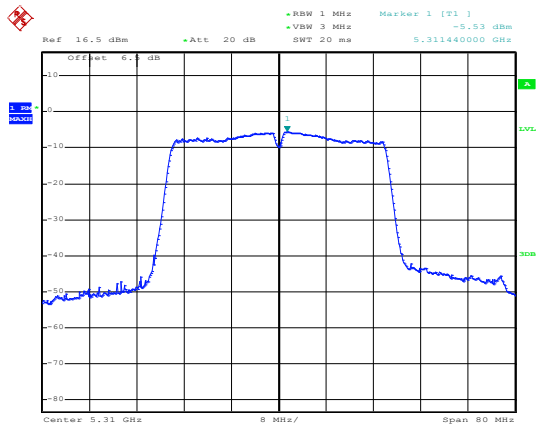
802.11ac(HT20)



Date: 4.JUL.2020 15:08:58

Middle channel

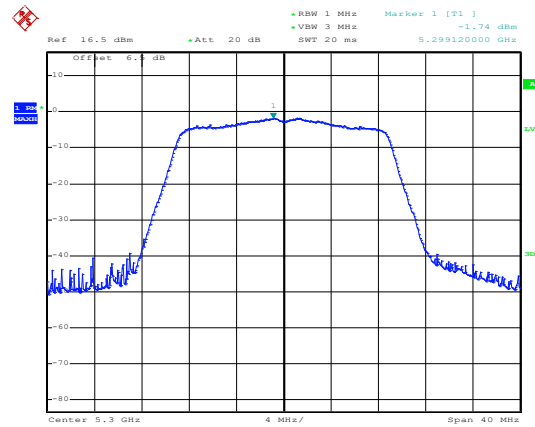
Lowest channel



Date: 4.JUL.2020 15:08:15

Highest channel

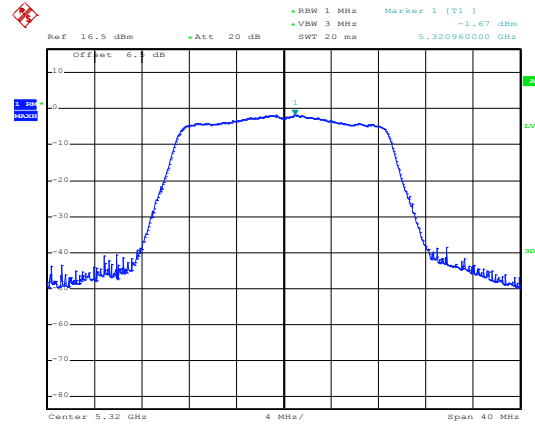
Middle channel



Date: 4.JUL.2020 15:09:10

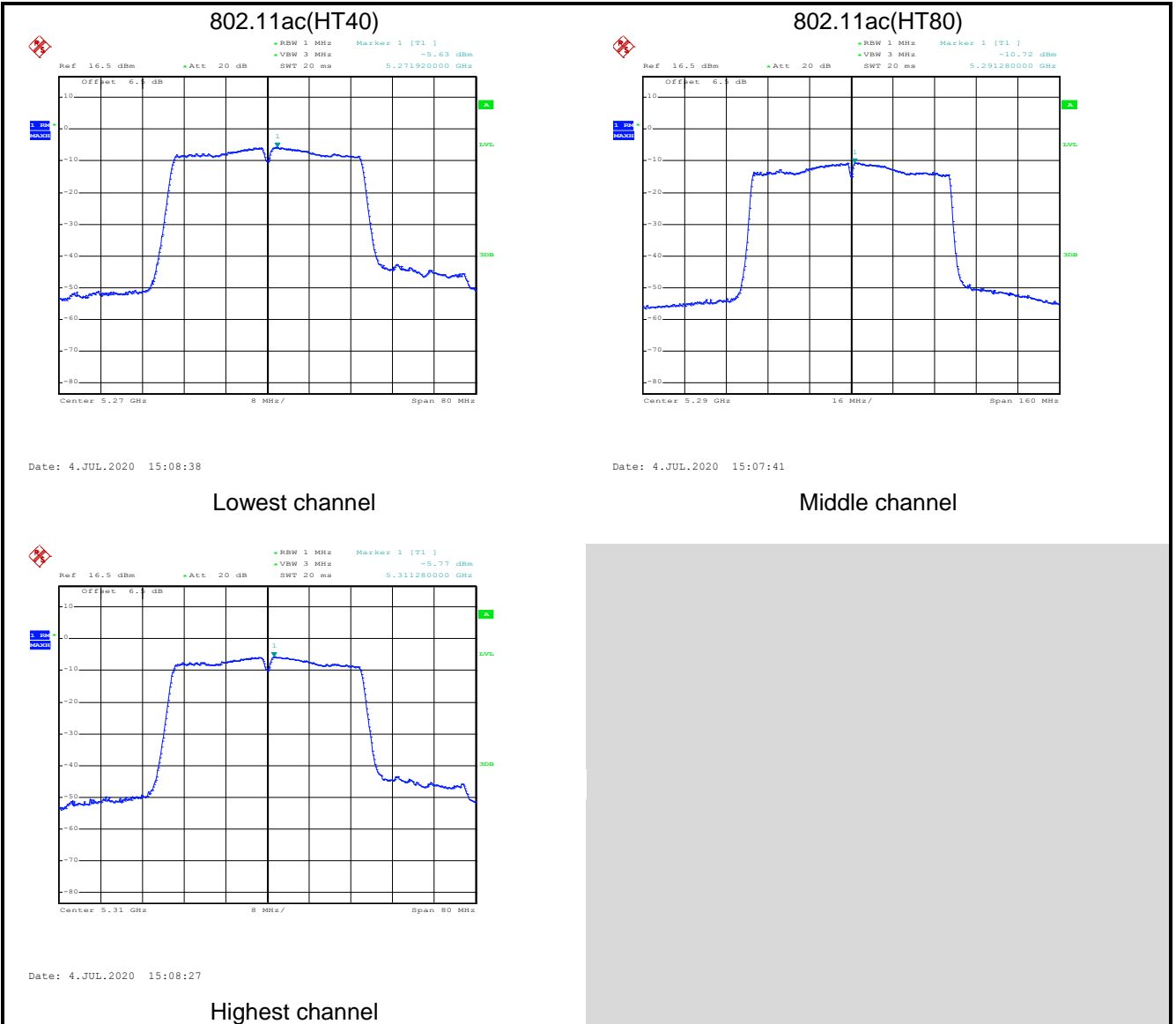
Middle channel

Highest channel



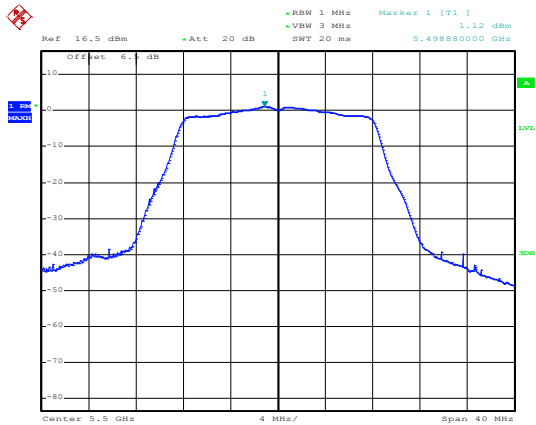
Date: 4.JUL.2020 15:09:22

Highest channel



## Band 3

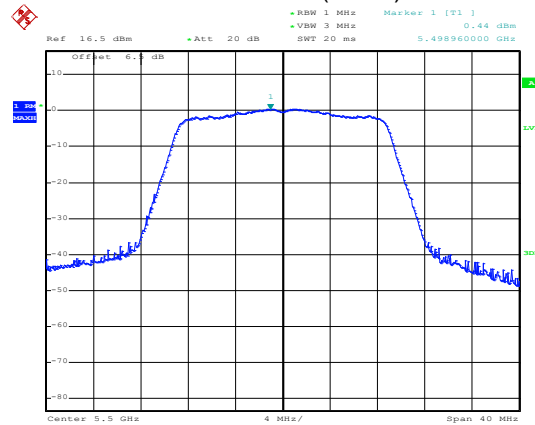
802.11a



Date: 4.JUL.2020 15:03:32

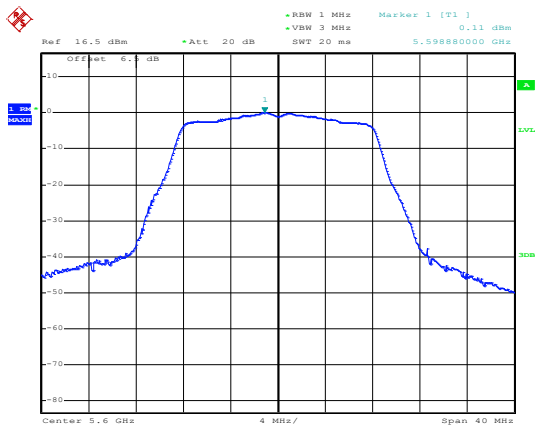
Lowest channel

802.11n(HT20)



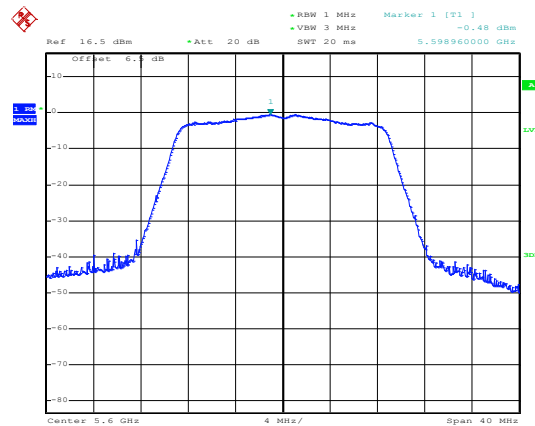
Date: 4.JUL.2020 15:05:02

Middle channel



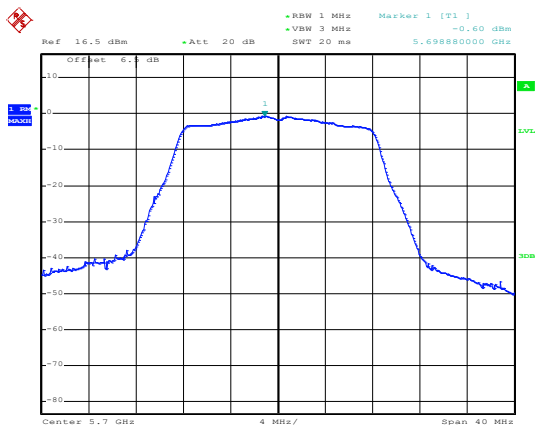
Date: 4.JUL.2020 15:03:51

Middle channel



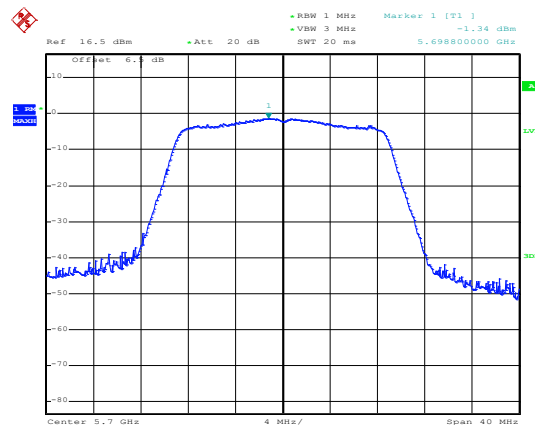
Date: 4.JUL.2020 15:05:14

Middle channel



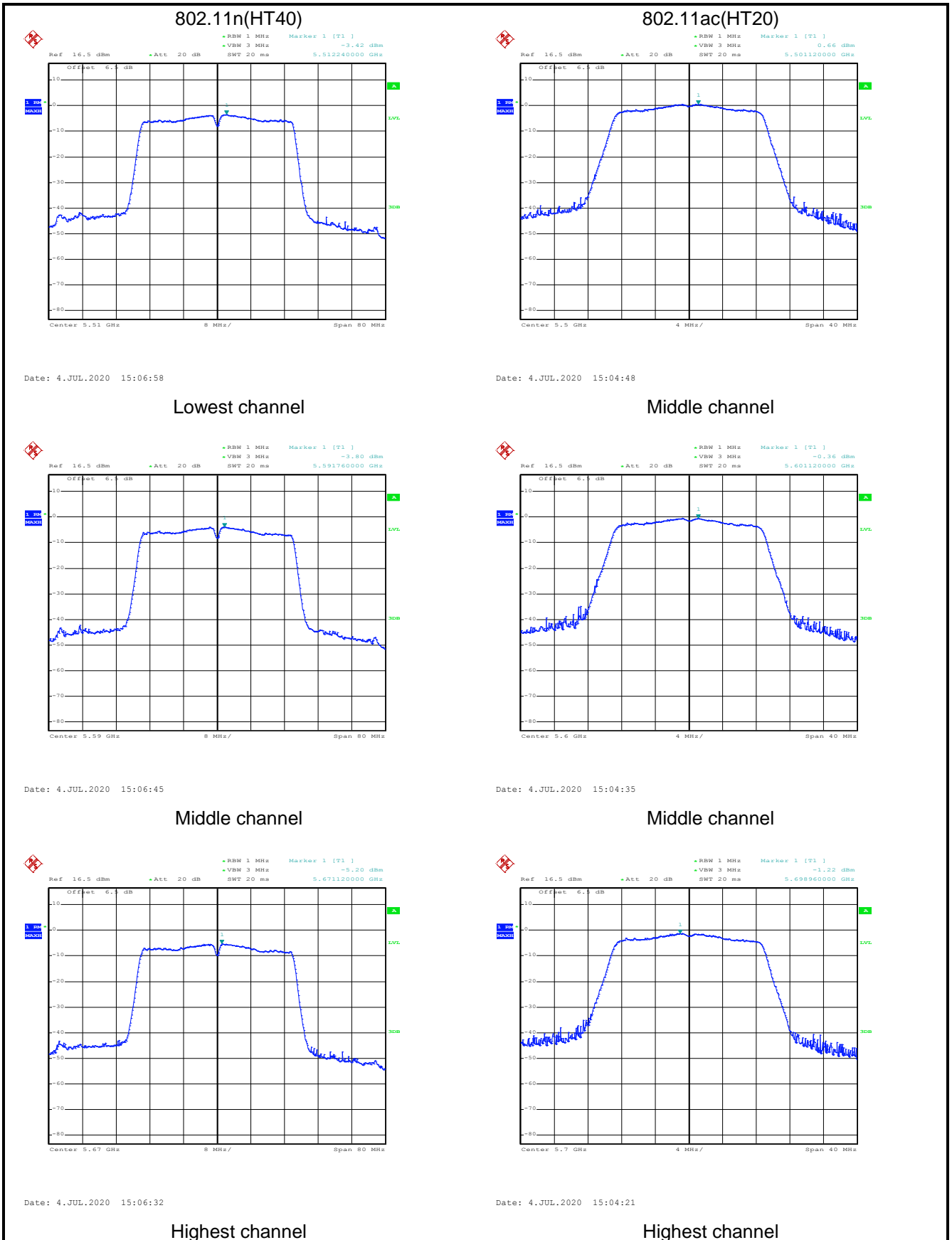
Date: 4.JUL.2020 15:04:06

Highest channel

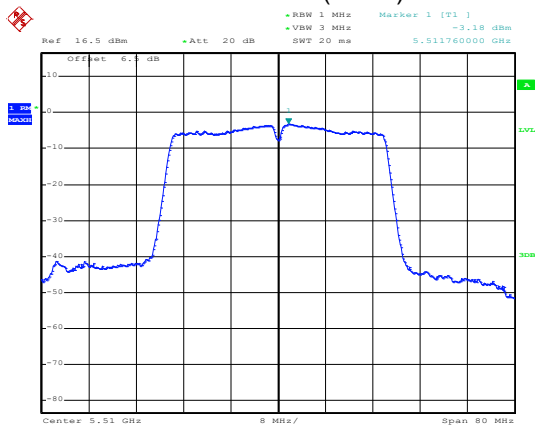


Date: 4.JUL.2020 15:05:30

Highest channel



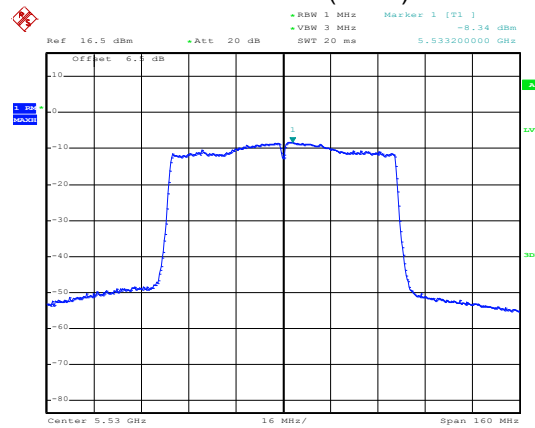
### 802.11ac(HT40)



Date: 4.JUL.2020 15:05:53

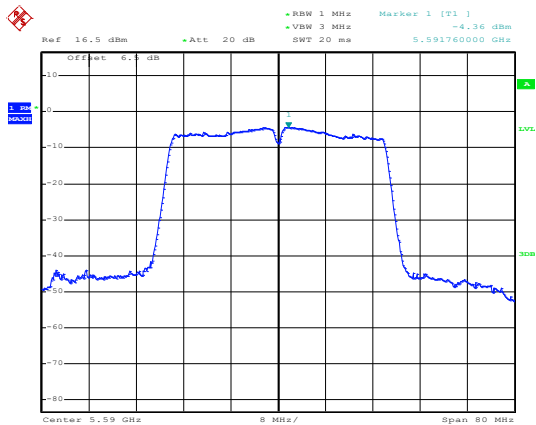
Lowest channel

### 802.11ac(HT80)



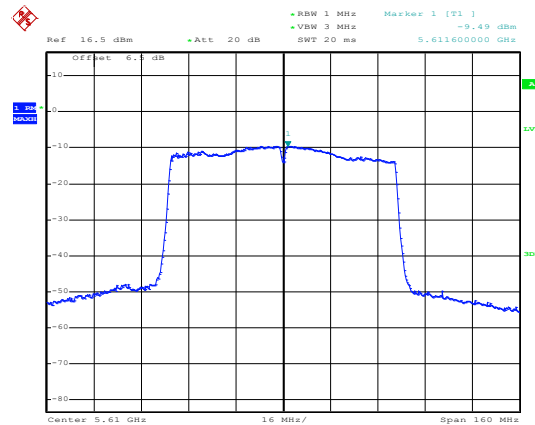
Date: 4.JUL.2020 15:07:15

Middle channel



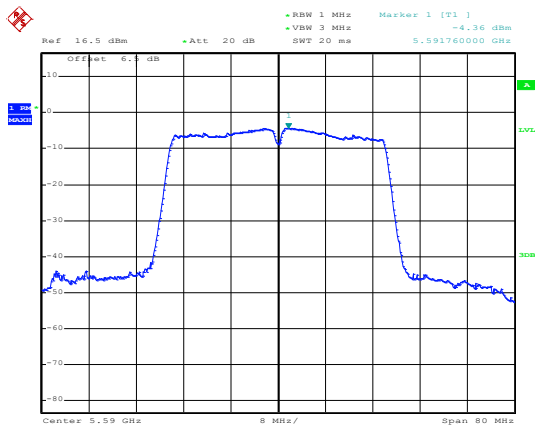
Date: 4.JUL.2020 15:06:06

Middle channel



Date: 4.JUL.2020 15:07:26

Highest channel

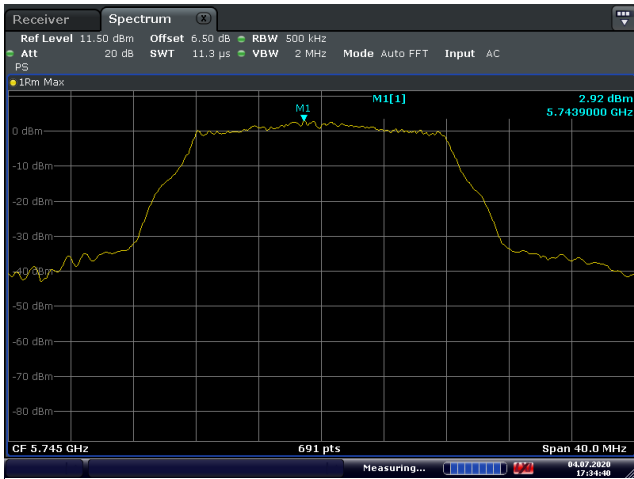


Date: 4.JUL.2020 15:06:06

Highest channel

## Band 4

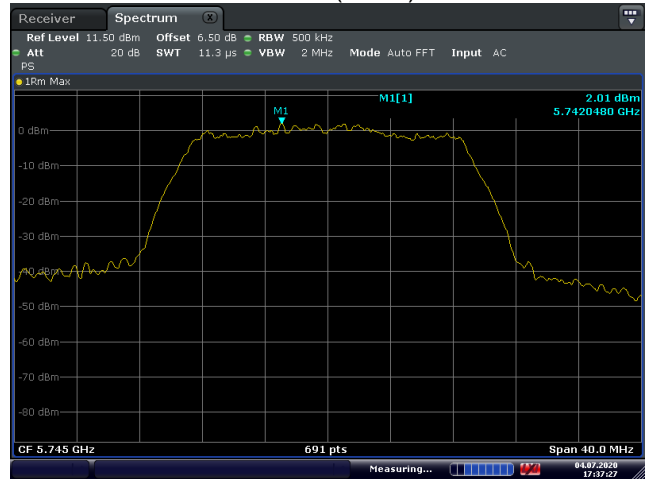
802.11a



Date: 4.JUL.2020 17:34:40

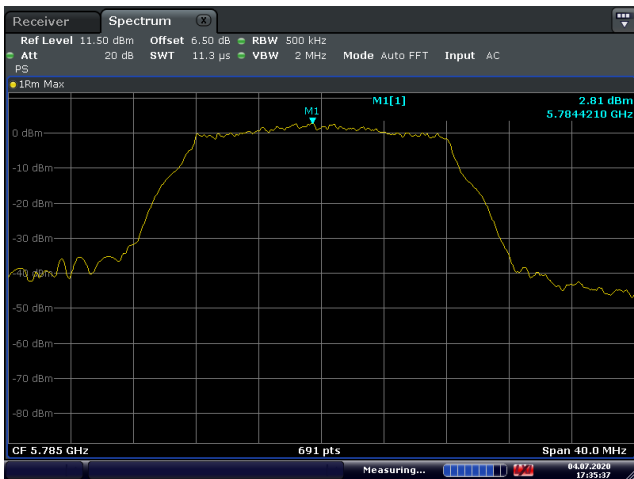
Lowest channel

802.11n(HT20)



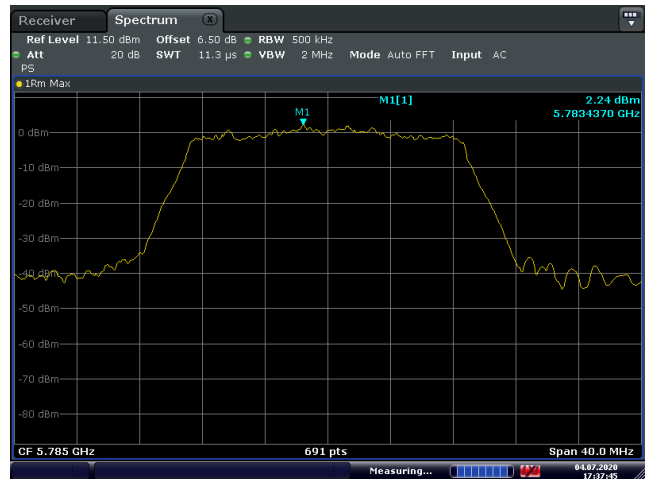
Date: 4.JUL.2020 17:37:27

Middle channel



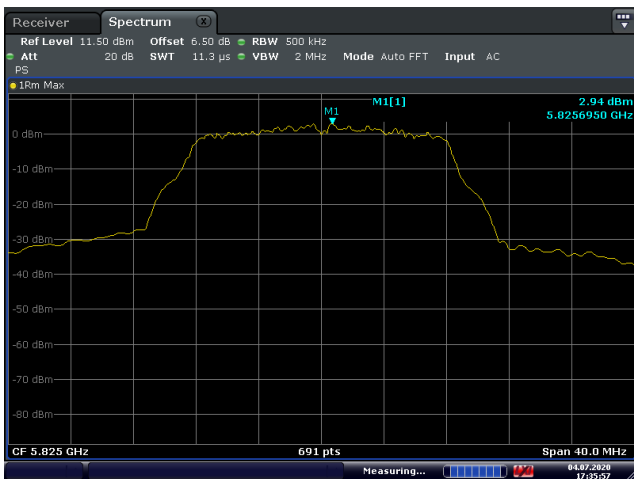
Date: 4.JUL.2020 17:35:36

Middle channel



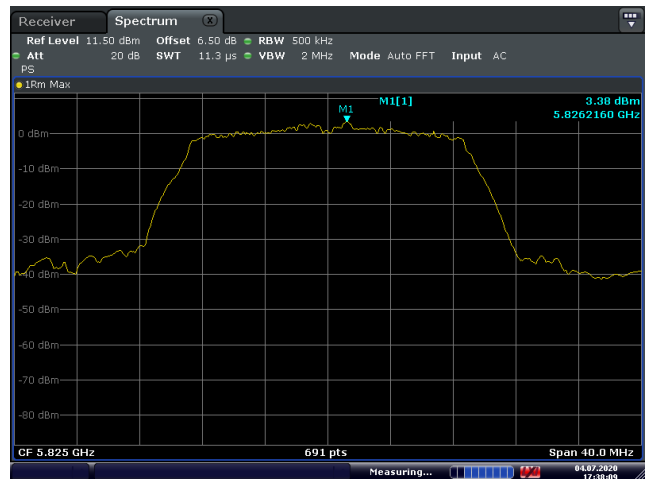
Date: 4.JUL.2020 17:37:45

Middle channel



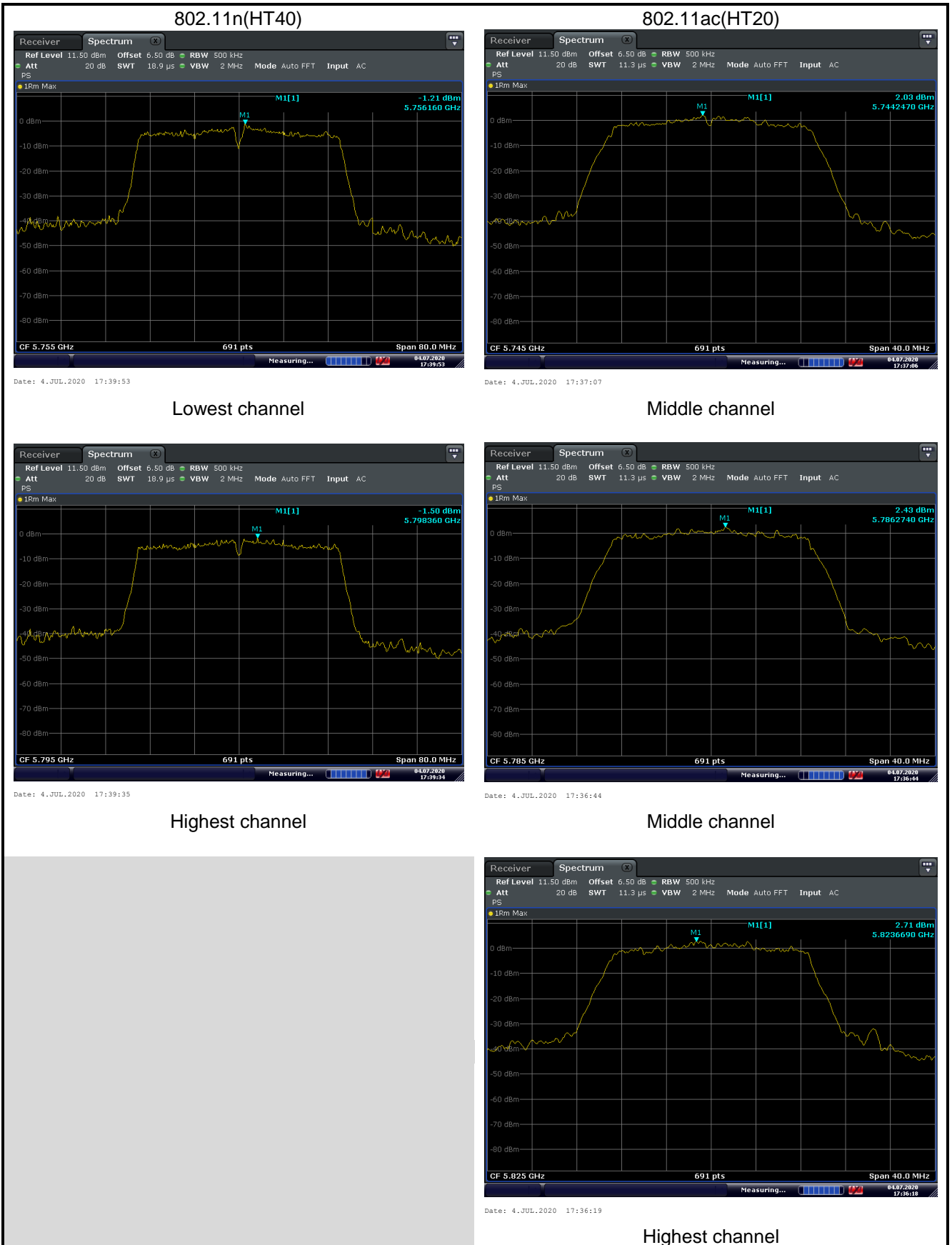
Date: 4.JUL.2020 17:35:58

Highest channel

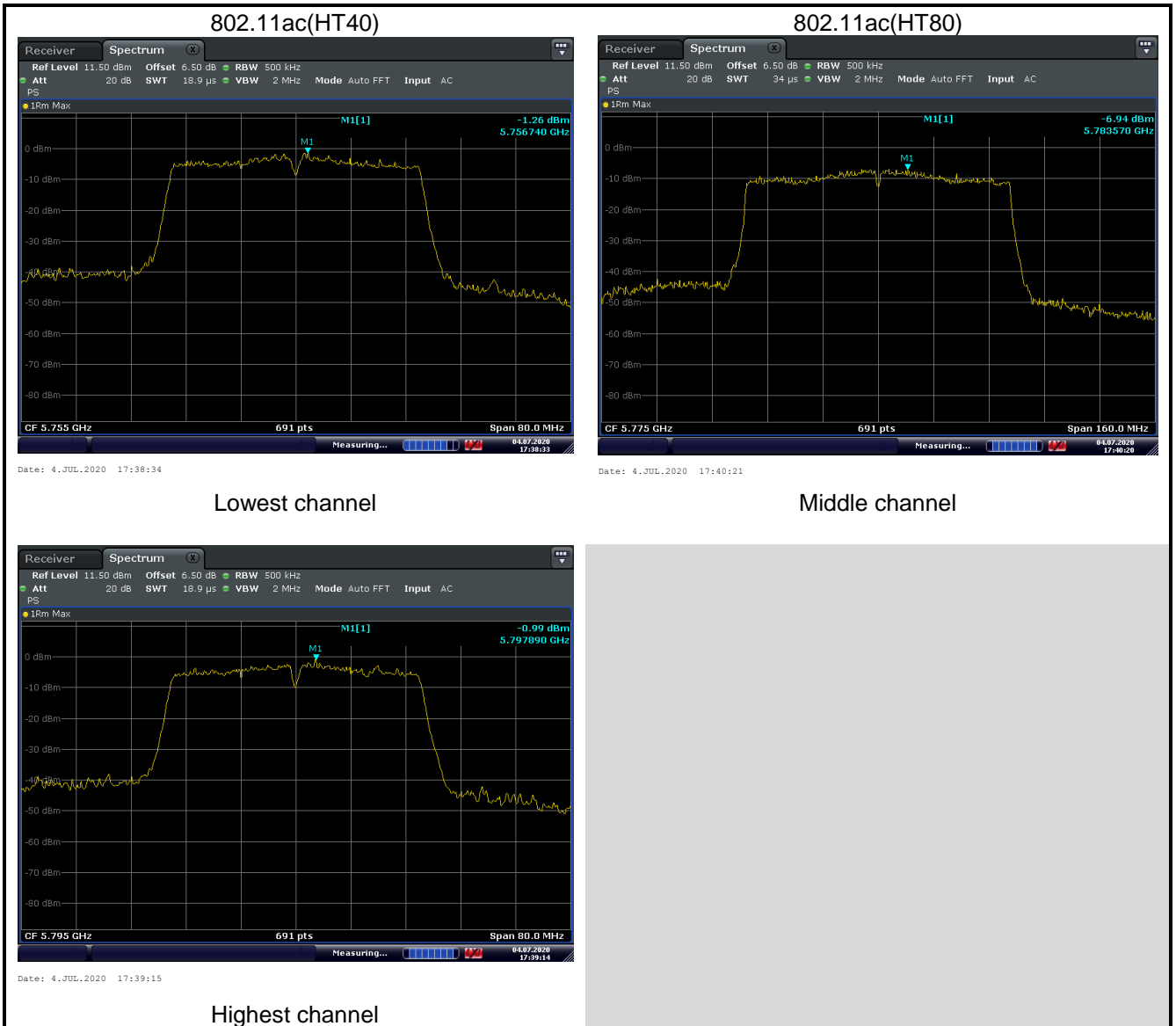


Date: 4.JUL.2020 17:38:09

Highest channel







Lowest channel

Middle channel

Highest channel

## 6.6 Band Edge

Test Requirement:	FCC Part 15 E Section 15.407 (b)			
Receiver setup:	Detector	RBW	VBW	Remark
	Quasi-peak	120kHz	300kHz	Quasi-peak Value
	RMS	1MHz	3MHz	Average Value
Limit:	Band	Limit (dBuV/m @3m)		Remark
	Band 1/2/3	68.20		Peak Value
		54.00		Average Value
	<p>Band 4 limit:</p> <p>For transmitters operating in the 5.725-5.85 GHz band:</p> <p>All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.</p> <p>Remark:</p> <ol style="list-style-type: none"> <li>Band 1/2/3 limit:  <math>E[dB\mu V/m] = EIRP[dBm] + 95.2 = 68.2 \text{ dBuV/m}</math>, for <math>EIPR[dBm] = -27 \text{ dBm}</math>.</li> <li>Band 4 limit:  <math>E[dB\mu V/m] = EIRP[dBm] + 95.2 = 68.2 \text{ dBuV/m}</math>, for <math>EIPR[dBm] = -27 \text{ dBm}</math>.  <math>E[dB\mu V/m] = EIRP[dBm] + 95.2 = 105.2 \text{ dBuV/m}</math>, for <math>EIPR[dBm] = 10 \text{ dBm}</math>.  <math>E[dB\mu V/m] = EIRP[dBm] + 95.2 = 110.8 \text{ dBuV/m}</math>, for <math>EIPR[dBm] = 15.6 \text{ dBm}</math>.  <math>E[dB\mu V/m] = EIRP[dBm] + 95.2 = 122.2 \text{ dBuV/m}</math>, for <math>EIPR[dBm] = 27 \text{ dBm}</math>.</li> </ol>			
Test Procedure:	<ol style="list-style-type: none"> <li>The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</li> <li>For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading.</li> <li>The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</li> </ol>			
Test setup:				
Test Instruments:	Refer to section 5.10 for details			
Test mode:	Refer to section 5.3 for details			
Test results:	Passed			

**Measurement Data (worst case):**

**MAIN ANT:**

**Band 1:**

Band 1 – 802.11a									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	49.28	31.77	7.05	2.54	41.93	48.71	68.20	-19.49	Horizontal
5150.00	49.21	31.77	7.05	2.54	41.93	48.64	68.20	-19.56	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	43.21	31.77	7.05	2.54	41.93	42.64	54.00	-11.36	Horizontal
5150.00	43.47	31.77	7.05	2.54	41.93	42.90	54.00	-11.10	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	45.12	32.24	7.11	2.61	41.89	45.19	68.20	-23.01	Horizontal
5350.00	45.17	32.24	7.11	2.61	41.89	45.24	68.20	-22.96	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	40.25	32.24	7.11	2.61	41.89	40.32	54.00	-13.68	Horizontal
5350.00	41.82	32.24	7.11	2.61	41.89	41.89	54.00	-12.11	Vertical
<i>Remark:</i>									
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.</i>									
2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>									

Band 1 – 802.11n(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	49.62	31.77	7.05	2.54	41.93	49.05	68.20	-19.15	Horizontal
5150.00	49.54	31.77	7.05	2.54	41.93	48.97	68.20	-19.23	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	43.31	31.77	7.05	2.54	41.93	42.74	54.00	-11.26	Horizontal
5150.00	43.57	31.77	7.05	2.54	41.93	43.00	54.00	-11.00	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	45.49	32.24	7.11	2.61	41.89	45.56	68.20	-22.64	Horizontal
5350.00	44.80	32.24	7.11	2.61	41.89	44.87	68.20	-23.33	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	40.38	32.24	7.11	2.61	41.89	40.45	54.00	-13.55	Horizontal
5350.00	42.25	32.24	7.11	2.61	41.89	42.32	54.00	-11.68	Vertical
<b>Remark:</b>									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 1 – 802.11n(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	47.49	31.77	7.05	2.54	41.93	46.92	68.20	-21.28	Horizontal
5150.00	56.75	31.77	7.05	2.54	41.93	56.18	68.20	-12.02	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	42.83	31.77	7.05	2.54	41.93	42.26	54.00	-11.74	Horizontal
5150.00	48.10	31.77	7.05	2.54	41.93	47.53	54.00	-6.47	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	44.32	32.02	7.09	2.54	41.93	44.04	68.20	-24.16	Horizontal
5350.00	45.49	32.02	7.09	2.54	41.93	45.21	68.20	-22.99	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	40.56	32.02	7.09	2.54	41.93	40.28	54.00	-13.72	Horizontal
5350.00	41.93	32.02	7.09	2.54	41.93	41.65	54.00	-12.35	Vertical
<b>Remark:</b>									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 1 – 802.11ac(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	49.24	31.77	7.05	2.54	41.93	48.67	68.20	-19.53	Horizontal
5150.00	49.09	31.77	7.05	2.54	41.93	48.52	68.20	-19.68	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	42.88	31.77	7.05	2.54	41.93	42.31	54.00	-11.69	Horizontal
5150.00	43.53	31.77	7.05	2.54	41.93	42.96	54.00	-11.04	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	45.13	32.24	7.11	2.61	41.89	45.20	68.20	-23.00	Horizontal
5350.00	45.02	32.24	7.11	2.61	41.89	45.09	68.20	-23.11	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	40.36	32.24	7.11	2.61	41.89	40.43	54.00	-13.57	Horizontal
5350.00	41.42	32.24	7.11	2.61	41.89	41.49	54.00	-12.51	Vertical
<b>Remark:</b>									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 1 – 802.11ac(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	47.32	31.77	7.05	2.54	41.93	46.75	68.20	-21.45	Horizontal
5150.00	56.93	31.77	7.05	2.54	41.93	56.36	68.20	-11.84	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	42.73	31.77	7.05	2.54	41.93	42.16	54.00	-11.84	Horizontal
5150.00	48.10	31.77	7.05	2.54	41.93	47.53	54.00	-6.47	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	43.84	32.24	7.11	2.61	41.89	43.91	68.20	-24.29	Horizontal
5350.00	45.05	32.24	7.11	2.61	41.89	45.12	68.20	-23.08	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	40.08	32.24	7.11	2.61	41.89	40.15	54.00	-13.85	Horizontal
5350.00	42.33	32.24	7.11	2.61	41.89	42.40	54.00	-11.60	Vertical
<b>Remark:</b>									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 1 – 802.11ac(HT80)									
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	45.52	31.77	7.05	2.54	41.93	44.95	68.20	-23.25	Horizontal
5150.00	49.51	31.77	7.05	2.54	41.93	48.94	68.20	-19.26	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	41.87	31.77	7.05	2.54	41.93	41.30	54.00	-12.70	Horizontal
5150.00	41.11	31.77	7.05	2.54	41.93	40.54	54.00	-13.46	Vertical
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	46.19	32.24	7.11	2.61	41.89	46.26	68.20	-21.94	Horizontal
5350.00	46.08	32.24	7.11	2.61	41.89	46.15	68.20	-22.05	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	42.00	32.24	7.11	2.61	41.89	42.07	54.00	-11.93	Horizontal
5350.00	42.84	32.24	7.11	2.61	41.89	42.91	54.00	-11.09	Vertical
<b>Remark:</b>									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									



**Band 2:**

Band 2 – 802.11a									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	45.83	31.77	7.05	2.54	41.93	45.26	68.20	-22.94	Horizontal
5150.00	43.95	31.77	7.05	2.54	41.93	43.38	68.20	-24.82	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	38.32	31.77	7.05	2.54	41.93	37.75	54.00	-16.25	Horizontal
5150.00	37.46	31.77	7.05	2.54	41.93	36.89	54.00	-17.11	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	45.91	32.24	7.11	2.61	41.89	45.98	68.20	-22.22	Horizontal
5350.00	44.50	32.24	7.11	2.61	41.89	44.57	68.20	-23.63	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	43.84	32.24	7.11	2.61	41.89	43.91	54.00	-10.09	Horizontal
5350.00	38.47	32.24	7.11	2.61	41.89	38.54	54.00	-15.46	Vertical
<b>Remark:</b>									
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor.</i>									
2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>									

Band 2 – 802.11n(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	45.47	31.77	7.05	2.54	41.93	44.90	68.20	-23.30	Horizontal
5150.00	44.14	31.77	7.05	2.54	41.93	43.57	68.20	-24.63	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	38.48	31.77	7.05	2.54	41.93	37.91	54.00	-16.09	Horizontal
5150.00	37.93	31.77	7.05	2.54	41.93	37.36	54.00	-16.64	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	45.51	32.24	7.11	2.61	41.89	45.58	68.20	-22.62	Horizontal
5350.00	44.07	32.24	7.11	2.61	41.89	44.14	68.20	-24.06	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	43.58	32.24	7.11	2.61	41.89	43.65	54.00	-10.35	Horizontal
5350.00	38.03	32.24	7.11	2.61	41.89	38.10	54.00	-15.90	Vertical
<b>Remark:</b> 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor. 2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 2 – 802.11n(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	45.68	31.77	7.05	2.54	41.93	45.11	68.20	-23.09	Horizontal
5150.00	45.95	31.77	7.05	2.54	41.93	45.38	68.20	-22.82	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	38.02	31.77	7.05	2.54	41.93	37.45	54.00	-16.55	Horizontal
5150.00	40.67	31.77	7.05	2.54	41.93	40.10	54.00	-13.90	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	44.65	32.02	7.09	2.54	41.93	44.37	68.20	-23.83	Horizontal
5350.00	46.95	32.02	7.09	2.54	41.93	46.67	68.20	-21.53	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	38.17	32.02	7.09	2.54	41.93	37.89	54.00	-16.11	Horizontal
5350.00	40.86	32.02	7.09	2.54	41.93	40.58	54.00	-13.42	Vertical
<b>Remark:</b>									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 2 – 802.11ac(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	45.58	31.77	7.05	2.54	41.93	45.01	68.20	-23.19	Horizontal
5150.00	44.18	31.77	7.05	2.54	41.93	43.61	68.20	-24.59	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	38.23	31.77	7.05	2.54	41.93	37.66	54.00	-16.34	Horizontal
5150.00	37.58	31.77	7.05	2.54	41.93	37.01	54.00	-16.99	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	45.77	32.24	7.11	2.61	41.89	45.84	68.20	-22.36	Horizontal
5350.00	44.72	32.24	7.11	2.61	41.89	44.79	68.20	-23.41	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	44.25	32.24	7.11	2.61	41.89	44.32	54.00	-9.68	Horizontal
5350.00	38.89	32.24	7.11	2.61	41.89	38.96	54.00	-15.04	Vertical
<b>Remark:</b>									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 2 – 802.11ac(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	45.43	31.77	7.05	2.54	41.93	44.86	68.20	-23.34	Horizontal
5150.00	45.58	31.77	7.05	2.54	41.93	45.01	68.20	-23.19	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	38.30	31.77	7.05	2.54	41.93	37.73	54.00	-16.27	Horizontal
5150.00	40.57	31.77	7.05	2.54	41.93	40.00	54.00	-14.00	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	44.68	32.24	7.11	2.61	41.89	44.75	68.20	-23.45	Horizontal
5350.00	47.29	32.24	7.11	2.61	41.89	47.36	68.20	-20.84	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	38.20	32.24	7.11	2.61	41.89	38.27	54.00	-15.73	Horizontal
5350.00	41.31	32.24	7.11	2.61	41.89	41.38	54.00	-12.62	Vertical
<b>Remark:</b>									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 1 – 802.11ac(HT80)									
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	45.92	31.77	7.05	2.54	41.93	45.35	68.20	-22.85	Horizontal
5150.00	44.87	31.77	7.05	2.54	41.93	44.30	68.20	-23.90	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	40.18	31.77	7.05	2.54	41.93	39.61	54.00	-14.39	Horizontal
5150.00	38.08	31.77	7.05	2.54	41.93	37.51	54.00	-16.49	Vertical
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	46.82	32.24	7.11	2.61	41.89	46.89	68.20	-21.31	Horizontal
5350.00	45.65	32.24	7.11	2.61	41.89	45.72	68.20	-22.48	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	40.03	32.24	7.11	2.61	41.89	40.10	54.00	-13.90	Horizontal
5350.00	40.95	32.24	7.11	2.61	41.89	41.02	54.00	-12.98	Vertical
<b>Remark:</b>									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

**Band 3:**

Band 3 – 802.11a									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	45.60	32.53	7.19	2.64	41.84	46.12	78.20	-32.08	Horizontal
5470.00	48.18	32.53	7.19	2.64	41.84	48.70	78.20	-29.50	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	39.65	32.53	7.19	2.64	41.84	40.17	54.00	-13.83	Horizontal
5470.00	42.73	32.53	7.19	2.64	41.84	43.25	54.00	-10.75	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	47.49	32.65	7.69	2.72	41.94	48.61	78.20	-29.59	Horizontal
5725.00	47.91	32.65	7.69	2.72	41.94	49.03	78.20	-29.17	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	42.61	32.65	7.69	2.72	41.94	43.73	54.00	-10.27	Horizontal
5725.00	43.86	32.65	7.69	2.72	41.94	44.98	54.00	-9.02	Vertical
<i>Remark:</i>									
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.</i>									
2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>									

Band 3 – 802.11n(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	45.37	32.53	7.19	2.64	41.84	45.89	78.20	-32.31	Horizontal
5470.00	47.97	32.53	7.19	2.64	41.84	48.49	78.20	-29.71	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	40.05	32.53	7.19	2.64	41.84	40.57	54.00	-13.43	Horizontal
5470.00	42.60	32.53	7.19	2.64	41.84	43.12	54.00	-10.88	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	47.92	32.65	7.69	2.72	41.94	49.04	78.20	-29.16	Horizontal
5725.00	47.73	32.65	7.69	2.72	41.94	48.85	78.20	-29.35	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	42.38	32.65	7.69	2.72	41.94	43.50	54.00	-10.50	Horizontal
5725.00	43.99	32.65	7.69	2.72	41.94	45.11	54.00	-8.89	Vertical
<b>Remark:</b> 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor. 2. The emission levels of other frequencies are very lower than the limit and not show in test report.									



Band 3 – 802.11n(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	46.31	32.53	7.19	2.64	41.84	46.83	78.20	-31.37	Horizontal
5470.00	48.56	32.53	7.19	2.64	41.84	49.08	78.20	-29.12	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	40.44	32.53	7.19	2.64	41.84	40.96	54.00	-13.04	Horizontal
5470.00	42.87	32.53	7.19	2.64	41.84	43.39	54.00	-10.61	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	46.41	32.65	7.69	2.72	41.94	47.53	78.20	-30.67	Horizontal
5725.00	46.44	32.65	7.69	2.72	41.94	47.56	78.20	-30.64	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	40.13	32.65	7.69	2.72	41.94	41.25	54.00	-12.75	Horizontal
5725.00	40.43	32.65	7.69	2.72	41.94	41.55	54.00	-12.45	Vertical
<b>Remark:</b> 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor. 2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 3 – 802.11ac(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	45.00	32.53	7.19	2.64	41.84	45.52	78.20	-32.68	Horizontal
5470.00	47.49	32.53	7.19	2.64	41.84	48.01	78.20	-30.19	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	39.56	32.53	7.19	2.64	41.84	40.08	78.20	-38.12	Horizontal
5470.00	42.26	32.53	7.19	2.64	41.84	42.78	78.20	-35.42	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	47.54	32.65	7.69	2.72	41.94	48.66	54.00	-5.34	Horizontal
5725.00	47.93	32.65	7.69	2.72	41.94	49.05	54.00	-4.95	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	42.35	32.65	7.69	2.72	41.94	43.47	54.00	-10.53	Horizontal
5725.00	44.15	32.65	7.69	2.72	41.94	45.27	54.00	-8.73	Vertical
<b>Remark:</b> 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor. 2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 2 – 802.11ac(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	46.22	32.53	7.19	2.64	41.84	46.74	78.20	-31.46	Horizontal
5470.00	48.76	32.53	7.19	2.64	41.84	49.28	78.20	-28.92	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	40.35	32.53	7.19	2.64	41.84	40.87	54.00	-13.13	Horizontal
5470.00	42.93	32.53	7.19	2.64	41.84	43.45	54.00	-10.55	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	46.47	32.65	7.69	2.72	41.94	47.59	78.20	-30.61	Horizontal
5725.00	46.22	32.65	7.69	2.72	41.94	47.34	78.20	-30.86	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	40.56	32.65	7.69	2.72	41.94	41.68	54.00	-12.32	Horizontal
5725.00	40.66	32.65	7.69	2.72	41.94	41.78	54.00	-12.22	Vertical
<b>Remark:</b>									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 3 – 802.11ac(HT80)									
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	48.26	32.53	7.19	2.64	41.84	48.78	78.20	-29.42	Horizontal
5470.00	48.79	32.53	7.19	2.64	41.84	49.31	78.20	-28.89	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	42.33	32.53	7.19	2.64	41.84	42.85	54.00	-11.15	Horizontal
5470.00	42.39	32.53	7.19	2.64	41.84	42.91	54.00	-11.09	Vertical
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	46.30	32.65	7.69	2.72	41.94	47.42	78.20	-30.78	Horizontal
5725.00	45.64	32.65	7.69	2.72	41.94	46.76	78.20	-31.44	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	40.35	32.65	7.69	2.72	41.94	41.47	54.00	-12.53	Horizontal
5725.00	40.43	32.65	7.69	2.72	41.94	41.55	54.00	-12.45	Vertical
<b>Remark:</b>									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

**Band 4:**

Band 4 – 802.11a									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5650.00	46.72	32.63	7.45	2.69	41.85	47.64	68.20	-20.56	Horizontal
5700.00	45.04	32.64	7.60	2.72	41.90	46.10	105.20	-59.10	Horizontal
5720.00	48.76	32.65	7.64	2.72	41.92	49.85	110.80	-60.95	Horizontal
5725.00	48.33	32.65	7.69	2.72	41.94	49.45	122.20	-72.75	Horizontal
5650.00	45.01	32.63	7.45	2.69	41.85	45.93	68.20	-22.27	Vertical
5700.00	46.73	32.64	7.60	2.72	41.90	47.79	105.20	-57.41	Vertical
5720.00	51.76	32.65	7.64	2.72	41.92	52.85	110.80	-57.95	Vertical
5725.00	53.47	32.65	7.69	2.72	41.94	54.59	122.20	-67.61	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5850.00	46.12	32.67	7.90	2.69	42.03	47.35	122.20	-74.85	Horizontal
5855.00	45.59	32.67	7.90	2.72	42.03	46.85	110.80	-63.95	Horizontal
5875.00	45.53	32.68	7.91	2.72	42.03	46.81	105.20	-58.39	Horizontal
5925.00	45.53	32.69	7.92	2.72	42.04	46.82	68.20	-21.38	Horizontal
5850.00	53.92	32.67	7.90	2.69	42.03	55.15	122.20	-67.05	Vertical
5855.00	52.78	32.67	7.90	2.72	42.03	54.04	110.80	-56.76	Vertical
5875.00	46.24	32.68	7.91	2.72	42.03	47.52	105.20	-57.68	Vertical
5925.00	45.21	32.69	7.92	2.72	42.04	46.50	68.20	-21.70	Vertical
<b>Remark:</b> 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor. 2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 4 – 802.11n(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5650.00	47.05	32.63	7.45	2.69	41.85	47.97	68.20	-20.23	Horizontal
5700.00	45.30	32.64	7.60	2.72	41.90	46.36	105.20	-58.84	Horizontal
5720.00	49.16	32.65	7.64	2.72	41.92	50.25	110.80	-60.55	Horizontal
5725.00	47.88	32.65	7.69	2.72	41.94	49.00	122.20	-73.20	Horizontal
5650.00	44.75	32.63	7.45	2.69	41.85	45.67	68.20	-22.53	Vertical
5700.00	46.59	32.64	7.60	2.72	41.90	47.65	105.20	-57.55	Vertical
5720.00	51.80	32.65	7.64	2.72	41.92	52.89	110.80	-57.91	Vertical
5725.00	53.23	32.65	7.69	2.72	41.94	54.35	122.20	-67.85	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5850.00	46.07	32.67	7.90	2.69	42.03	47.30	122.20	-74.90	Horizontal
5855.00	45.55	32.67	7.90	2.72	42.03	46.81	110.80	-63.99	Horizontal
5875.00	45.89	32.68	7.91	2.72	42.03	47.17	105.20	-58.03	Horizontal
5925.00	45.39	32.69	7.92	2.72	42.04	46.68	68.20	-21.52	Horizontal
5850.00	53.95	32.67	7.90	2.69	42.03	55.18	122.20	-67.02	Vertical
5855.00	52.29	32.67	7.90	2.72	42.03	53.55	110.80	-57.25	Vertical
5875.00	46.24	32.68	7.91	2.72	42.03	47.52	105.20	-57.68	Vertical
5925.00	44.77	32.69	7.92	2.72	42.04	46.06	68.20	-22.14	Vertical

*Remark:*

- Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor.
- The emission levels of other frequencies are very lower than the limit and not show in test report.