

## **Annex A.4 Power Spectral Density (PSD)**

## SISO-ANT0

### 1. 802.11a\_20M\_Band1\_L

#### 1.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 16:59:48

## 2. 802.11a\_20M\_Band1\_H

### 2.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:00:35

### 3. 802.11a\_20M\_Band2\_L

#### 3.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:02:37

## 4. 802.11a\_20M\_Band2\_H

### 4.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:03:22

## 5. 802.11a\_20M\_Band3\_L

### 5.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:04:37

## 6. 802.11a\_20M\_Band3\_H

### 6.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:06:06

## 7. 802.11a\_20M\_Band4\_L

### 7.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 17:07:13



## 8. 802.11a\_20M\_Band4\_H

### 8.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 17:08:01

## 9. 802.11n\_20M\_Band1\_L

### 9.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:10:19

## 10. 802.11n\_20M\_Band1\_H

### 10.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:11:18

## 11. 802.11n\_20M\_Band2\_L

### 11.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:12:16

## 12. 802.11n\_20M\_Band2\_H

### 12.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:13:14

### 13. 802.11n\_20M\_Band3\_L

#### 13.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:14:02

## 14. 802.11n\_20M\_Band3\_H

### 14.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:15:21

## 15. 802.11n\_20M\_Band4\_L

### 15.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 17:18:29



## 16. 802.11n\_20M\_Band4\_H

### 16.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 22:10:12

## 17. 802.11n\_40M\_Band1\_L

### 17.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:20:59

## 18. 802.11n\_40M\_Band1\_H

### 18.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:21:45

## 19. 802.11n\_40M\_Band2\_L

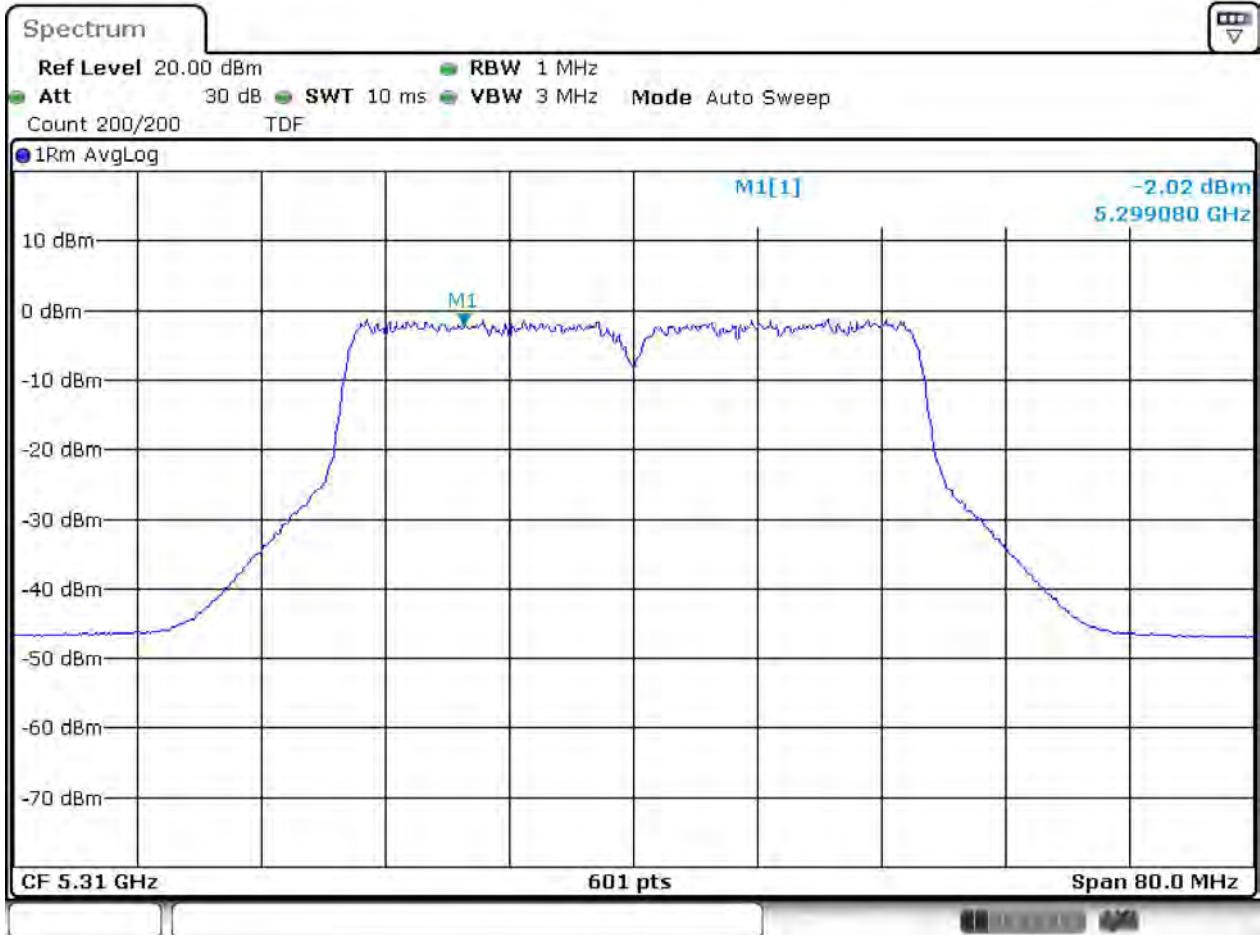
### 19.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:22:34

## 20. 802.11n\_40M\_Band2\_H

### 20.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:23:21

## 21. 802.11n\_40M\_Band3\_L

### 21.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:24:11

## 22. 802.11n\_40M\_Band3\_H

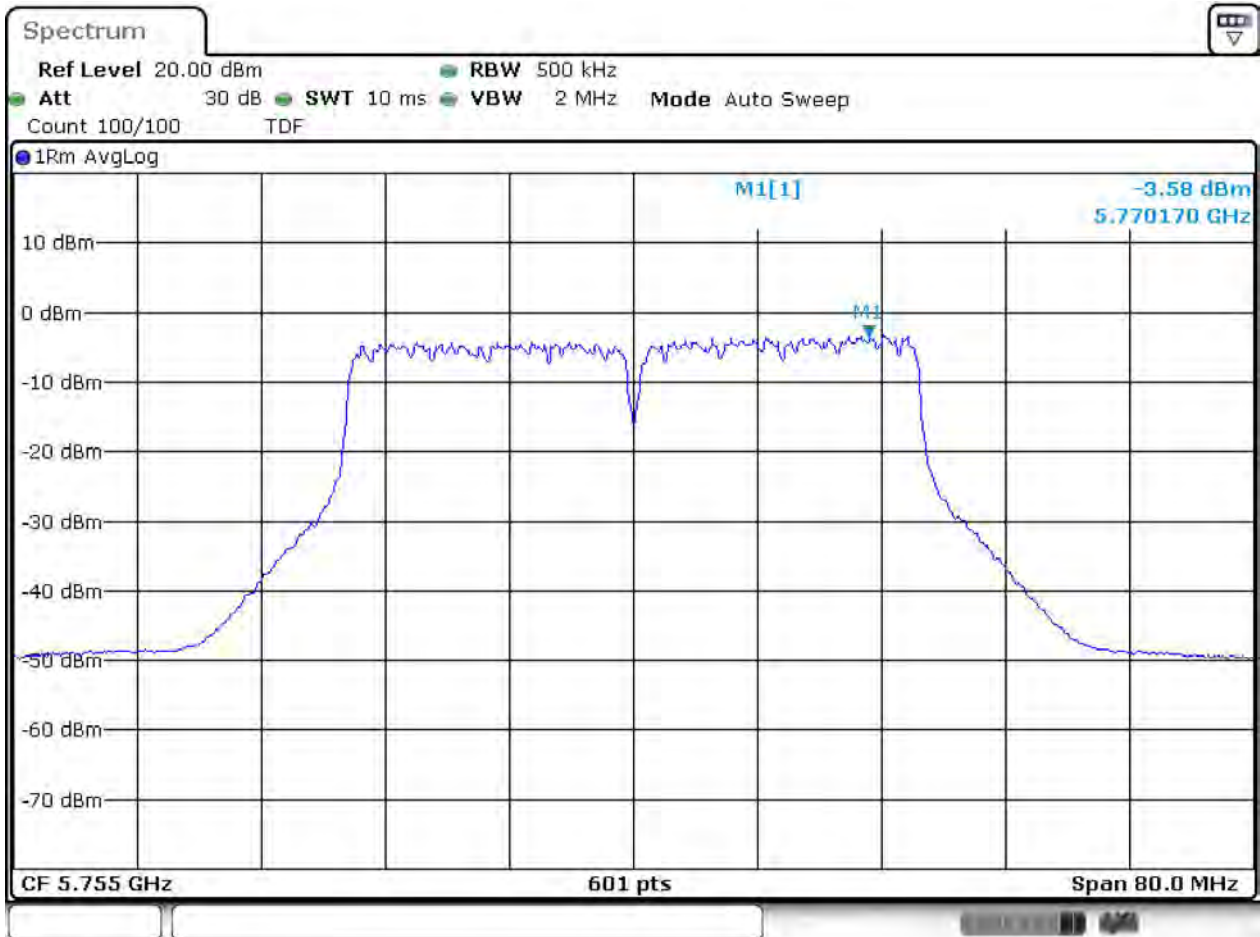
### 22.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:24:54

## 23. 802.11n\_40M\_Band4\_L

### 23.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20

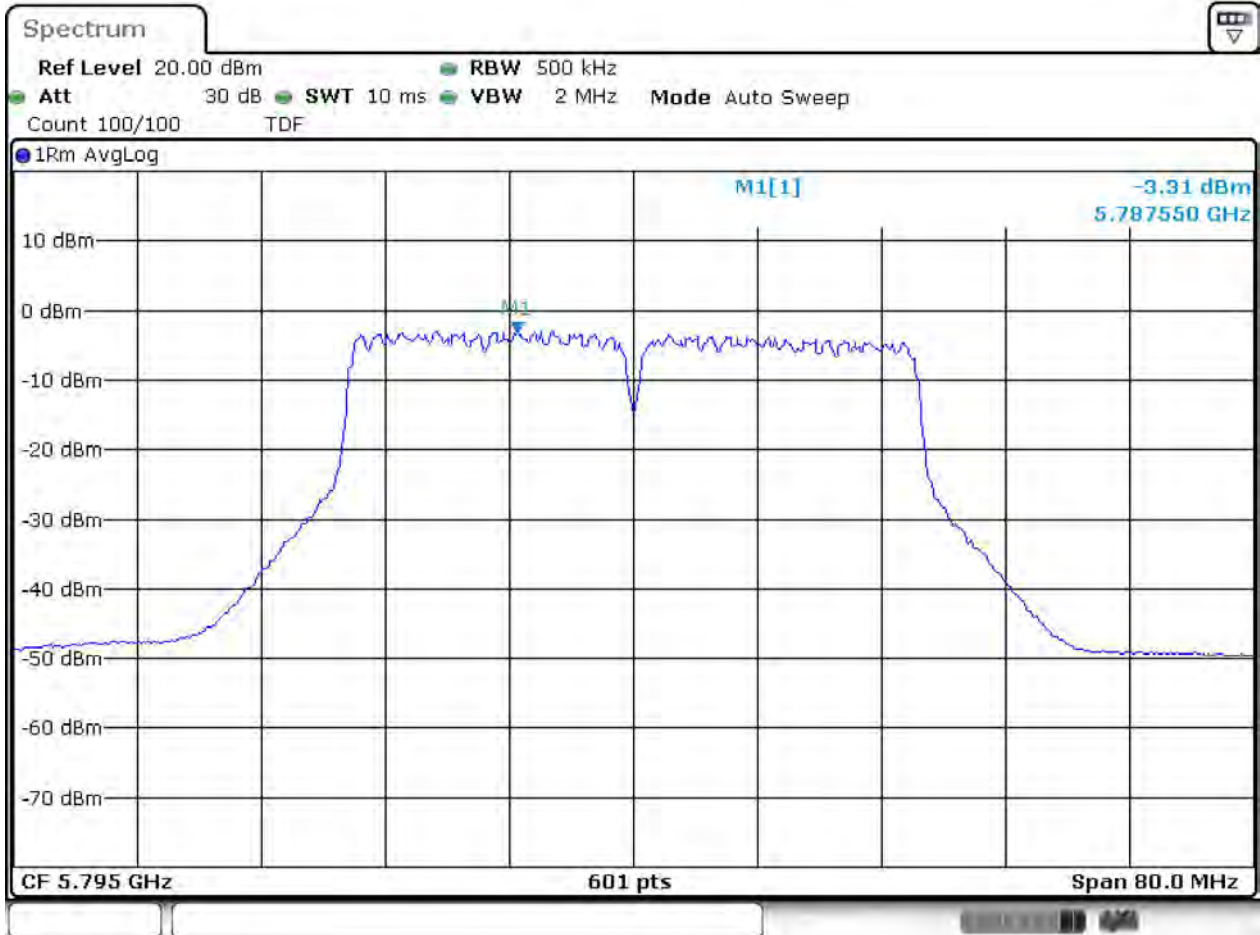


Date: 27.NOV.2018 17:25:59



## 24. 802.11n\_40M\_Band4\_H

### 24.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 17:26:42

## 25. 802.11ac\_20M\_Band1\_L

### 25.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:27:34

## 26. 802.11ac\_20M\_Band1\_H

### 26.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:28:18

## 27. 802.11ac\_20M\_Band2\_L

### 27.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:29:23

## 28. 802.11ac\_20M\_Band2\_H

### 28.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:30:28

## 29. 802.11ac\_20M\_Band3\_L

### 29.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:31:15

### 30. 802.11ac\_20M\_Band3\_H

#### 30.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:32:00

### 31. 802.11ac\_20M\_Band4\_L

#### 31.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 17:32:48



## 32. 802.11ac\_20M\_Band4\_H

### 32.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 17:33:30

### 33. 802.11ac\_40M\_Band1\_L

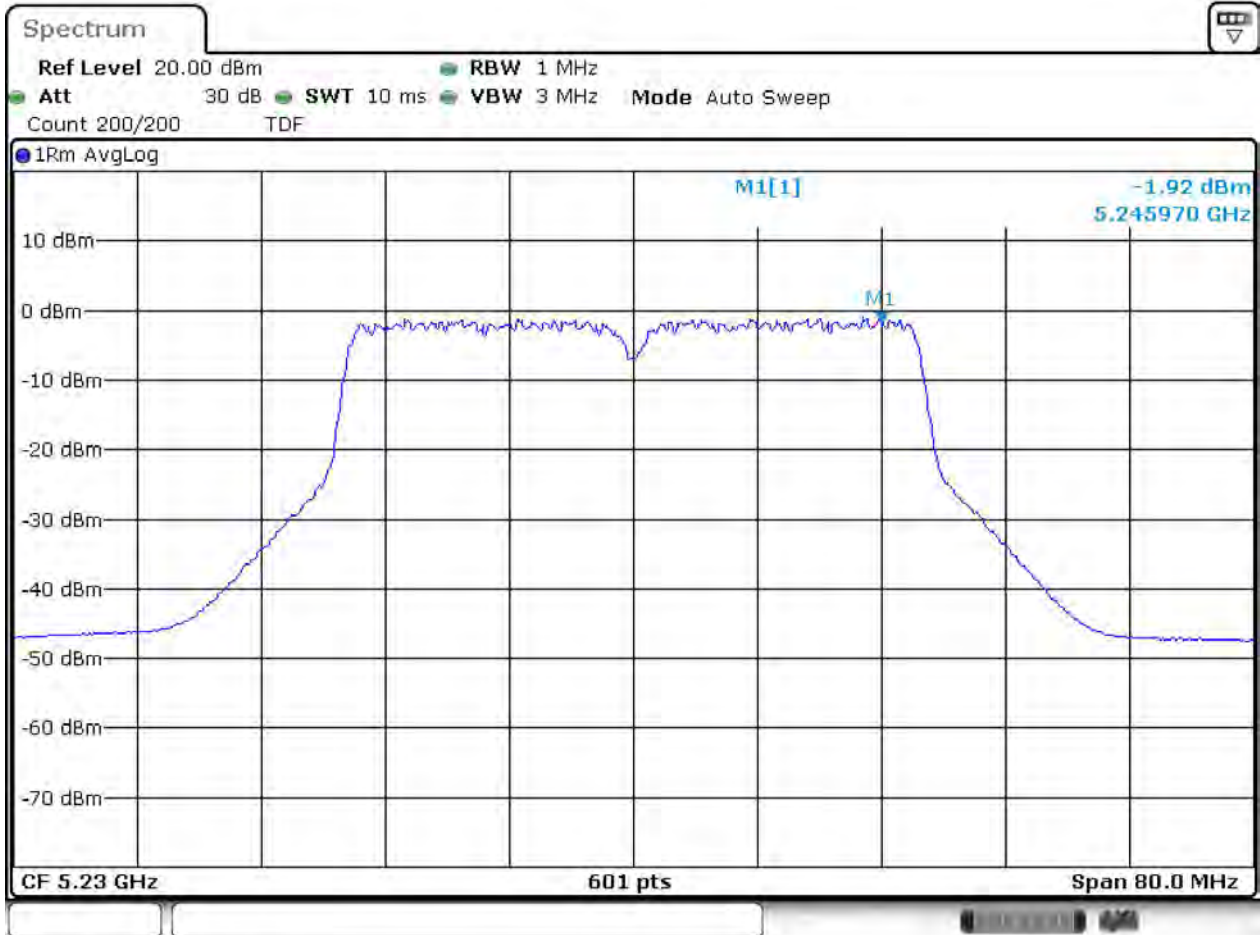
#### 33.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:34:25

### 34. 802.11ac\_40M\_Band1\_H

#### 34.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:35:04

### 35. 802.11ac\_40M\_Band2\_L

#### 35.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:36:03

### 36. 802.11ac\_40M\_Band2\_H

#### 36.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:36:49

### 37. 802.11ac\_40M\_Band3\_L

#### 37.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:37:50

### 38. 802.11ac\_40M\_Band3\_H

#### 38.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:39:25

### 39. 802.11ac\_40M\_Band4\_L

#### 39.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 17:40:02



## 40. 802.11ac\_40M\_Band4\_H

### 40.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 17:41:50

## 41. 802.11ac\_80M\_Band1\_M

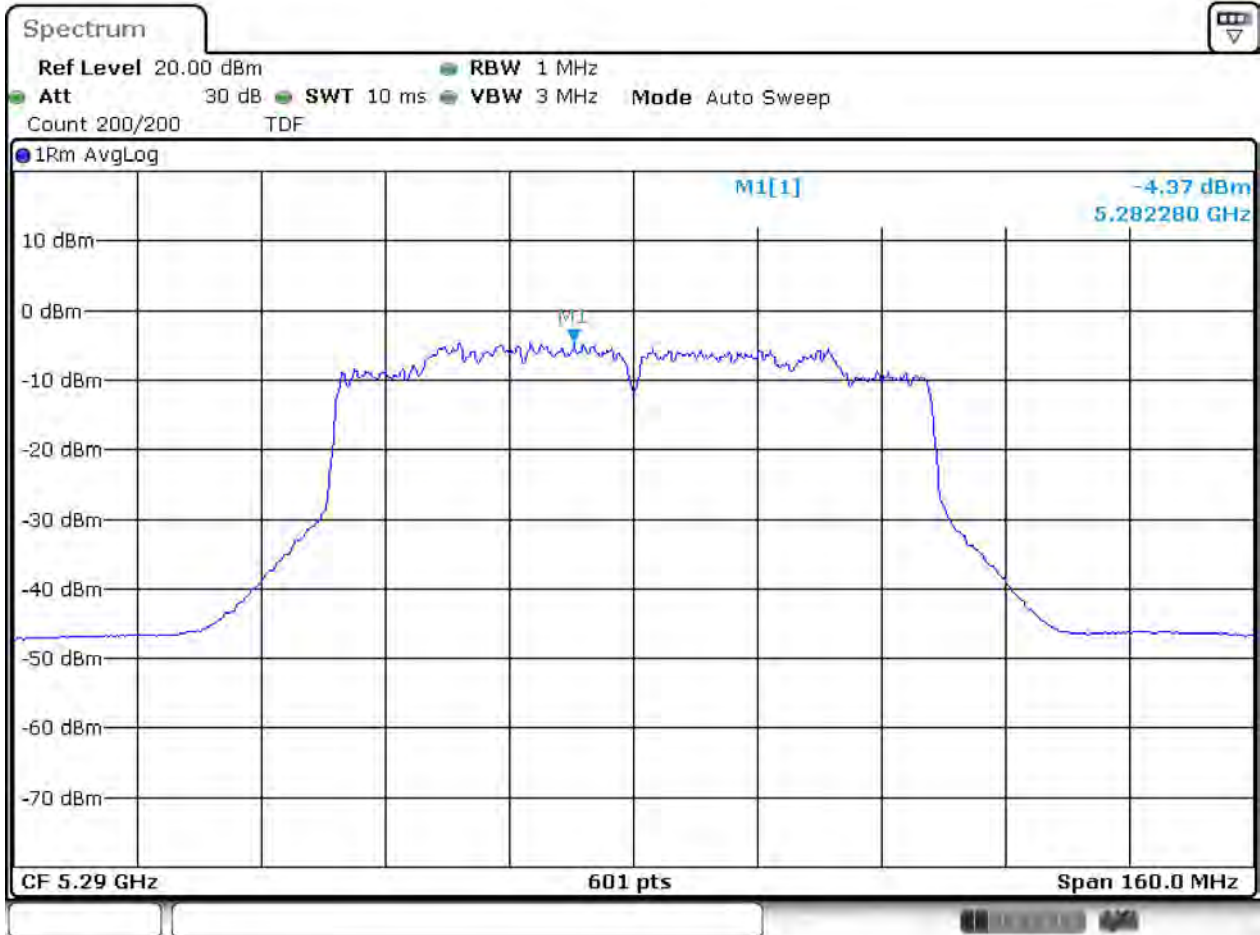
### 41.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:42:42

## 42. 802.11ac\_80M\_Band2\_M

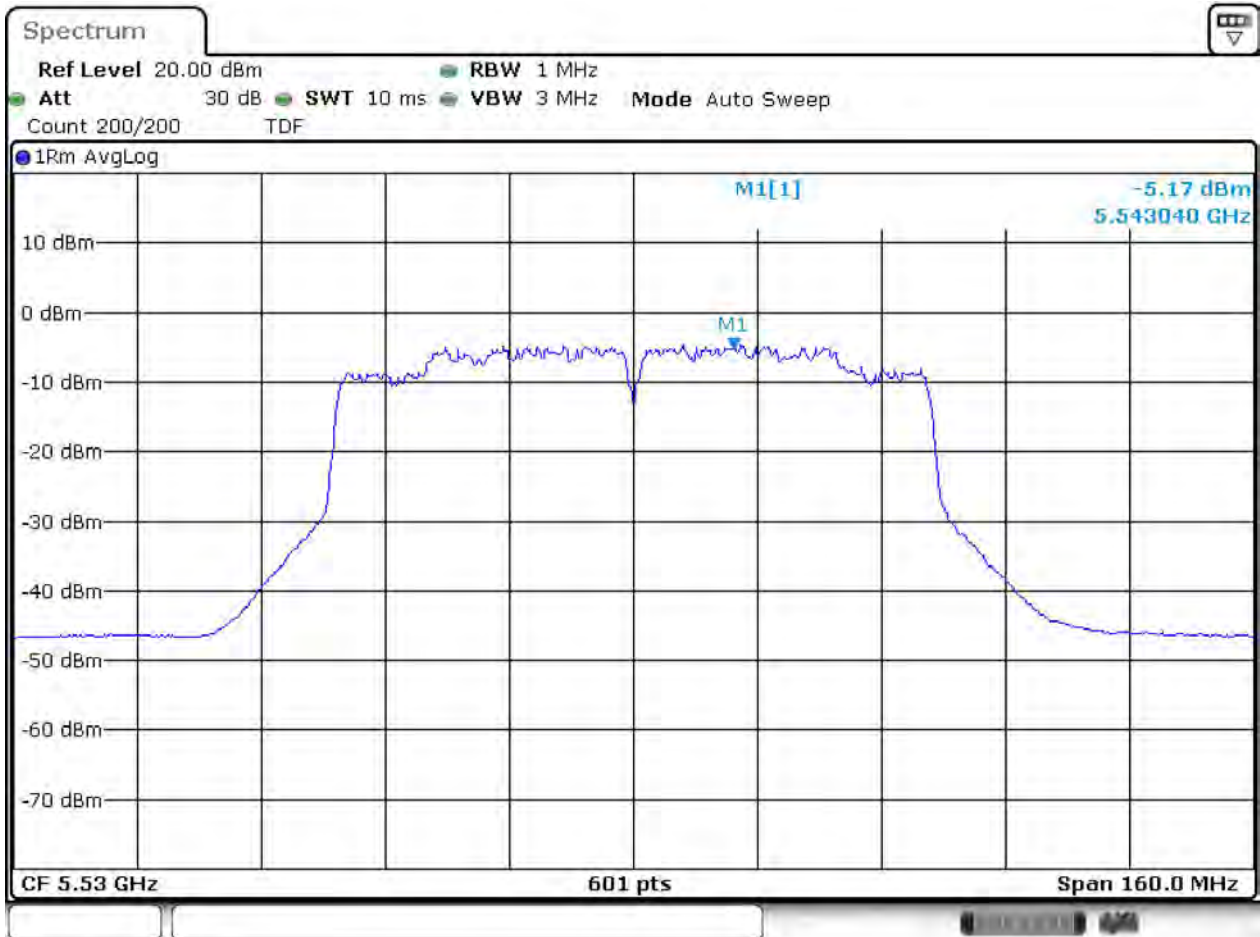
### 42.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:43:50

### 43. 802.11ac\_80M\_Band3\_L

#### 43.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:44:42

## 44. 802.11ac\_80M\_Band3\_M

### 44.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:45:38

## 45. 802.11ac\_80M\_Band4\_M

### 45.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 17:46:37

## 46. 802.11ac\_160M\_Band2\_M

### 46.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:47:42

## 47. 802.11ac\_160M\_Band3\_M

### 47.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:48:30



## 1. 802.11a\_20M\_Band1\_M

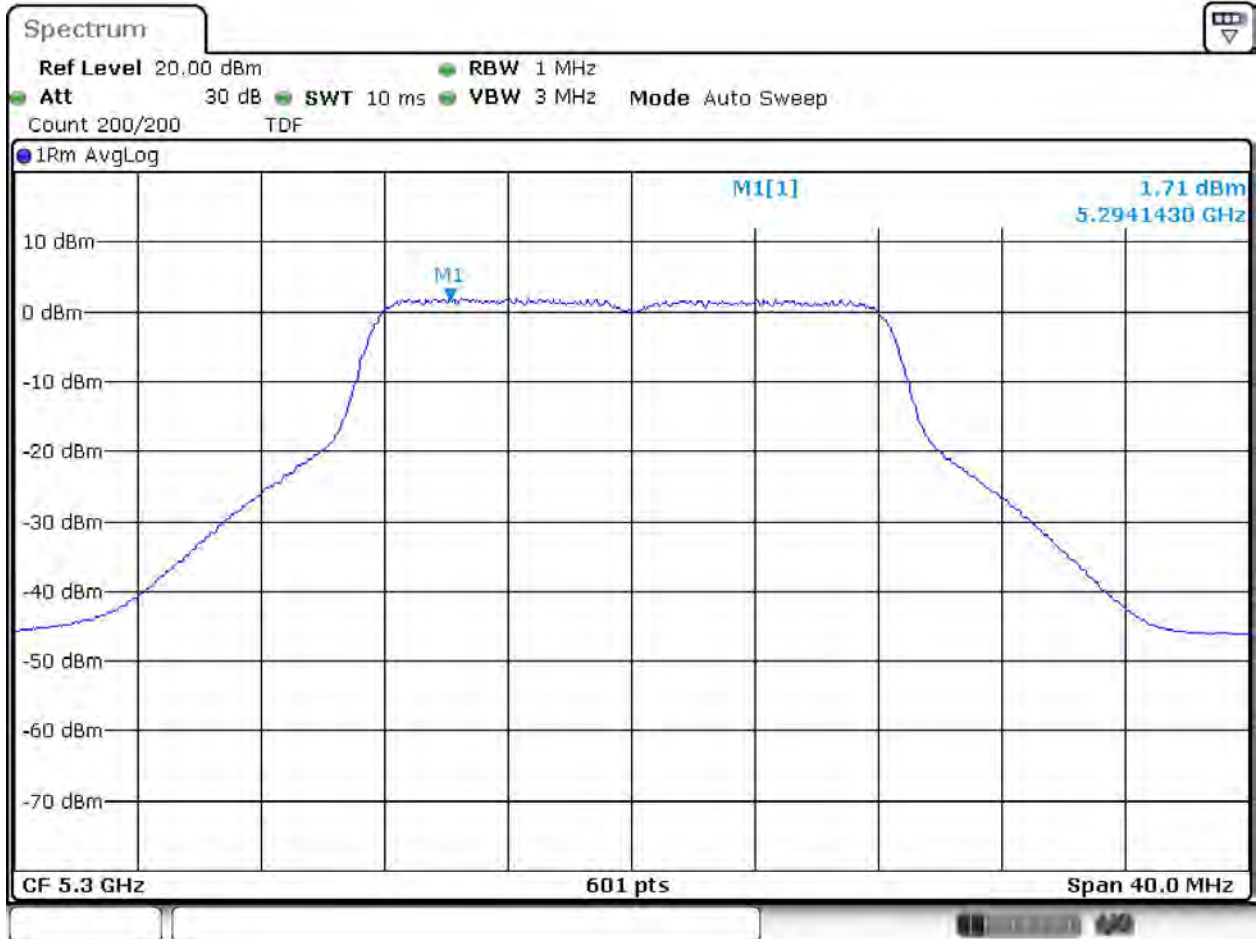
### 1.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 16:05:36

## 2. 802.11a\_20M\_Band2\_M

### 2.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 16:06:59

### 3. 802.11a\_20M\_Band3\_M

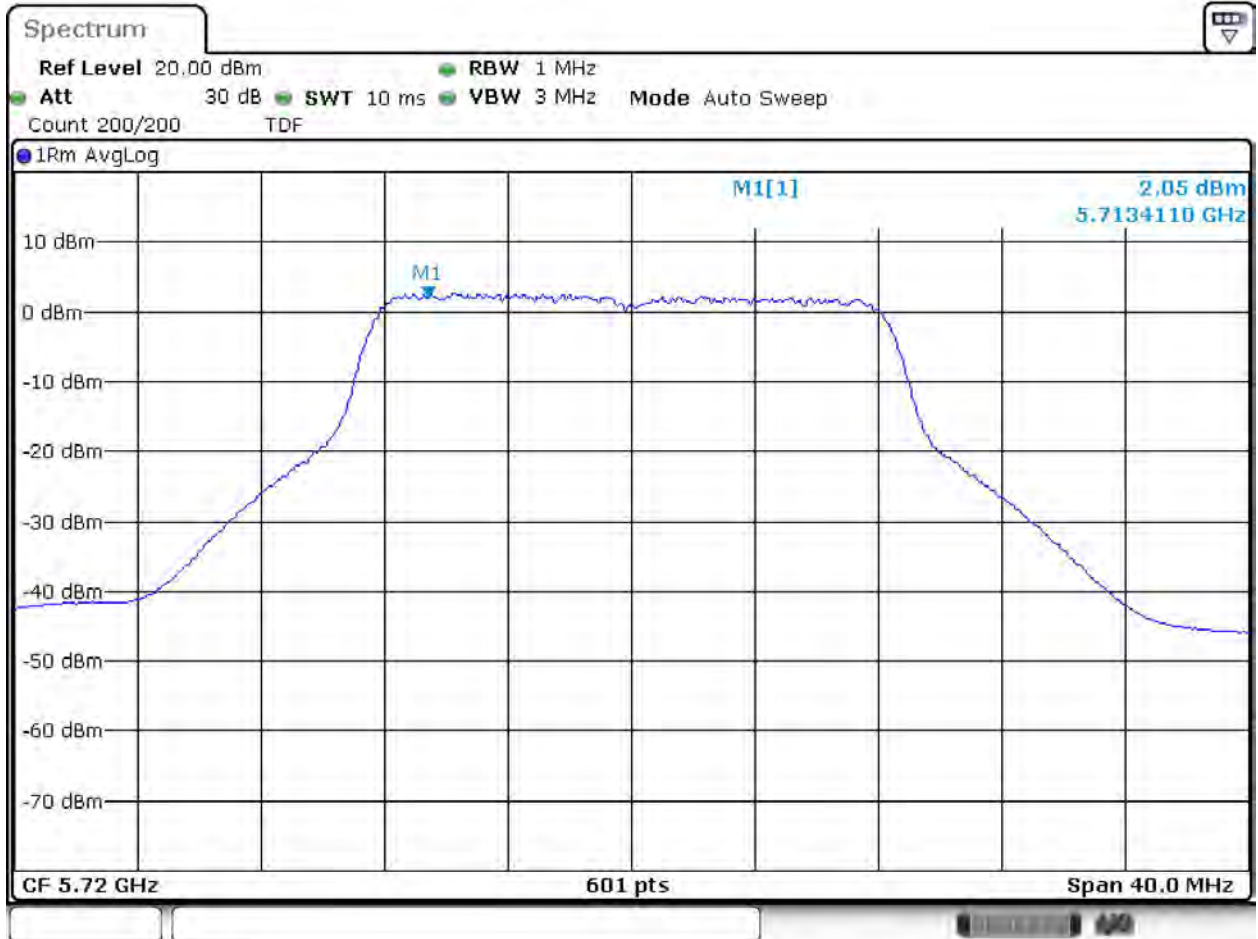
#### 3.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 16:10:13

## 4. 802.11a\_20M\_Band3\_CH144

### 4.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 16:11:25

## 5. 802.11a\_20M\_Band4\_M

### 5.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 6.JAN.2019 16:14:03

## 6. 802.11n\_20M\_Band1\_M

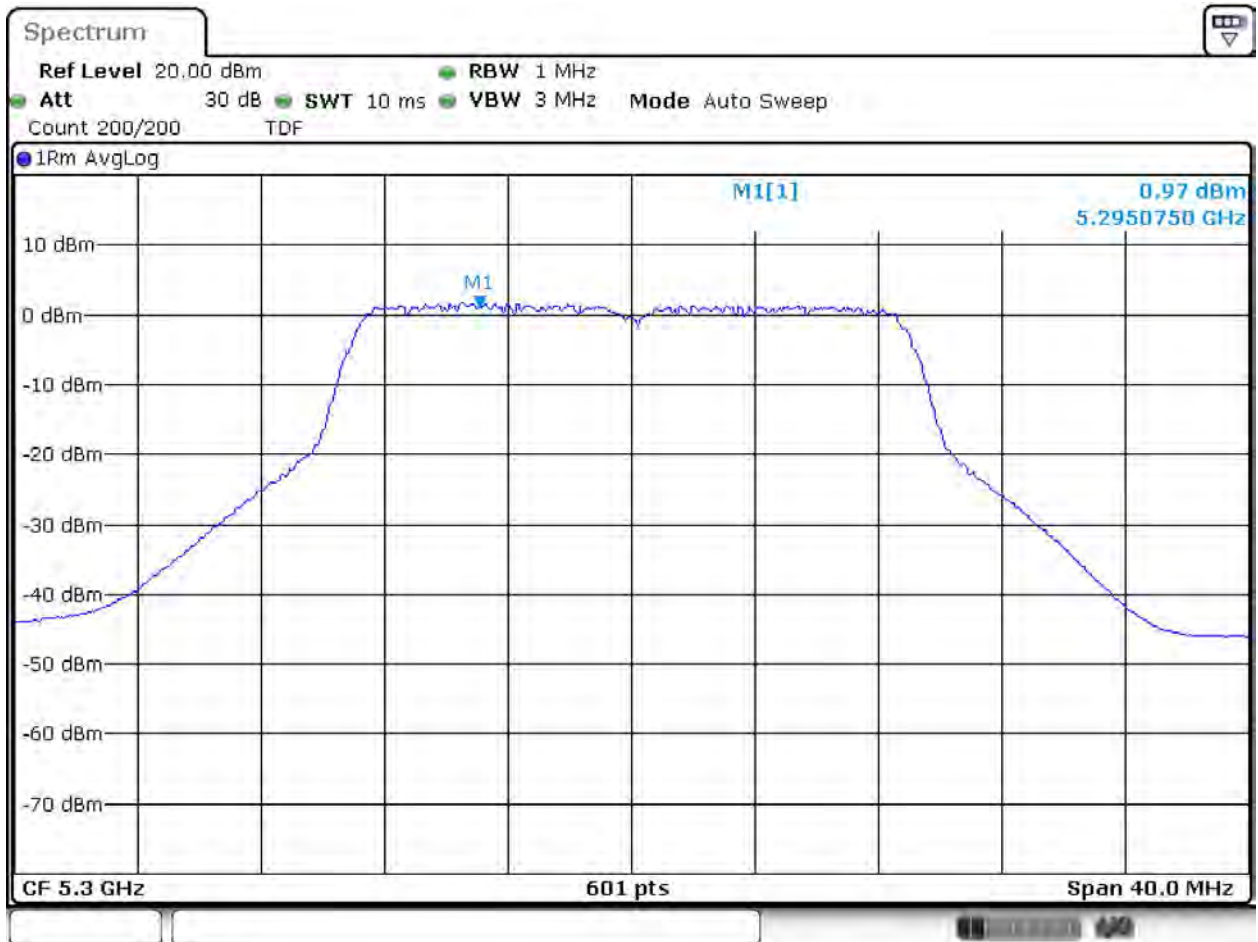
### 6.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 16:15:34

## 7. 802.11n\_20M\_Band2\_M

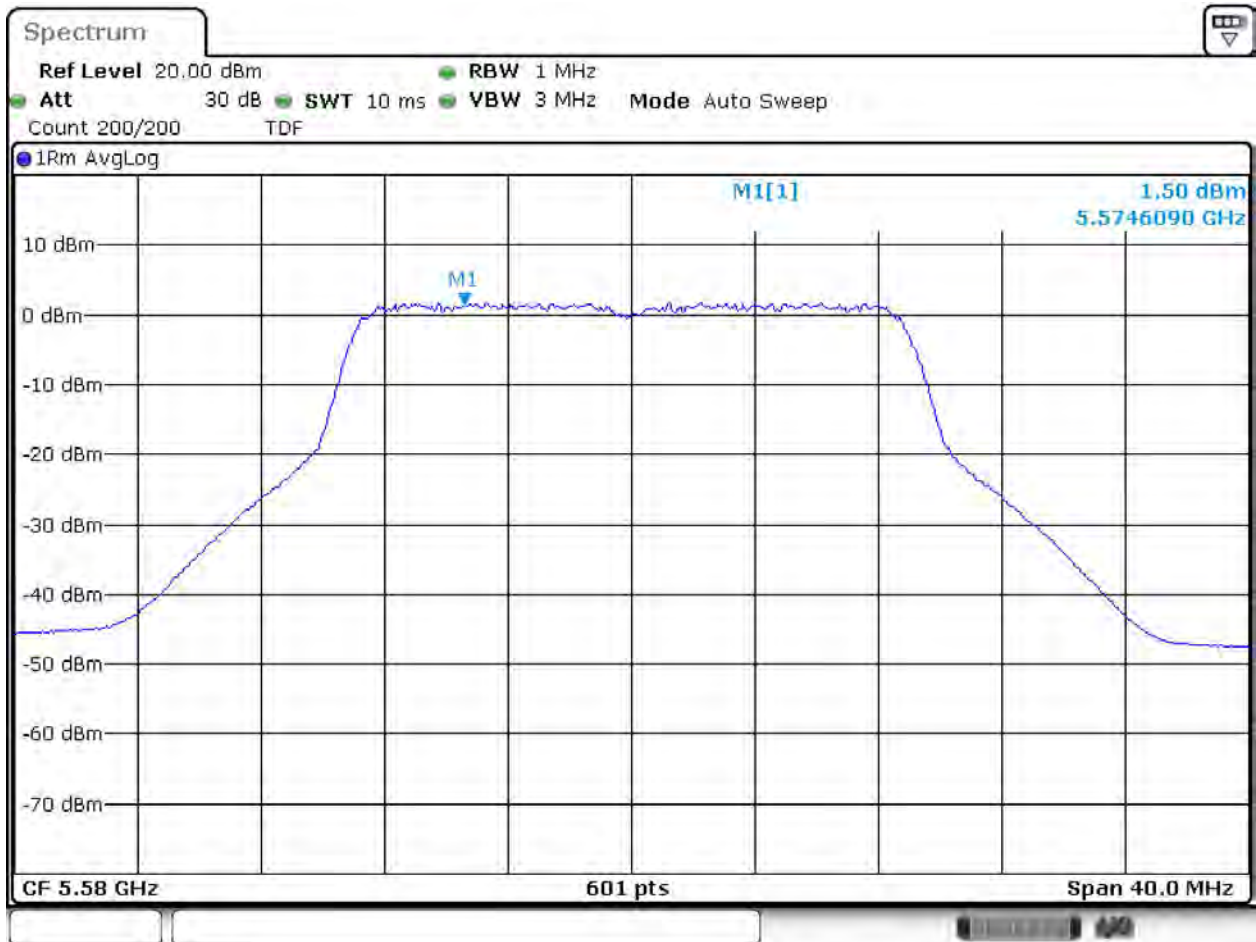
### 7.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 16:16:18

## 8. 802.11n\_20M\_Band3\_M

### 8.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21

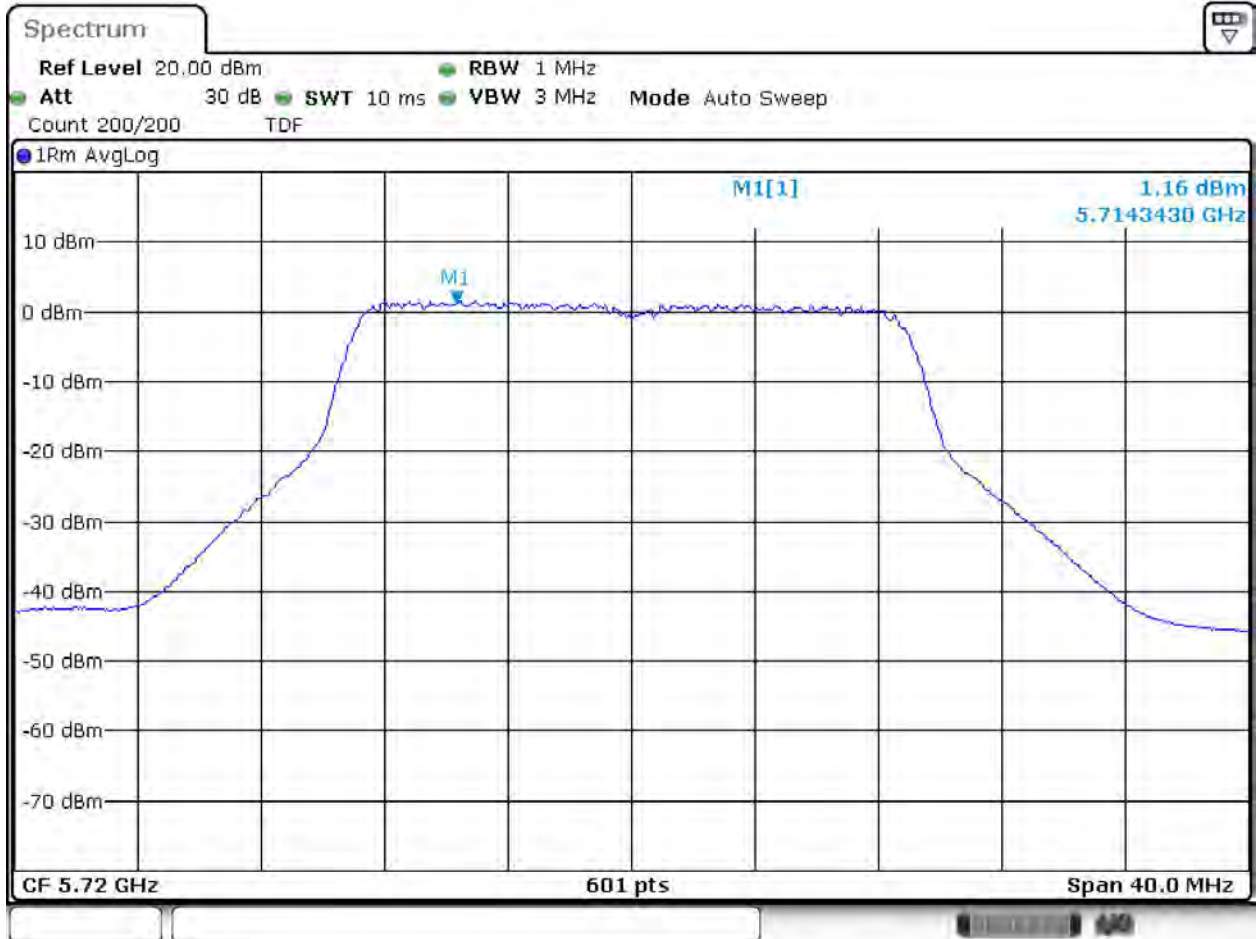


Date: 6.JAN.2019 16:17:05



## 9. 802.11n\_20M\_Band3\_CH144

### 9.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 16:18:03

## 10. 802.11n\_20M\_Band4\_M

### 10.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 6.JAN.2019 16:18:52

## 11. 802.11n\_40M\_Band3\_M

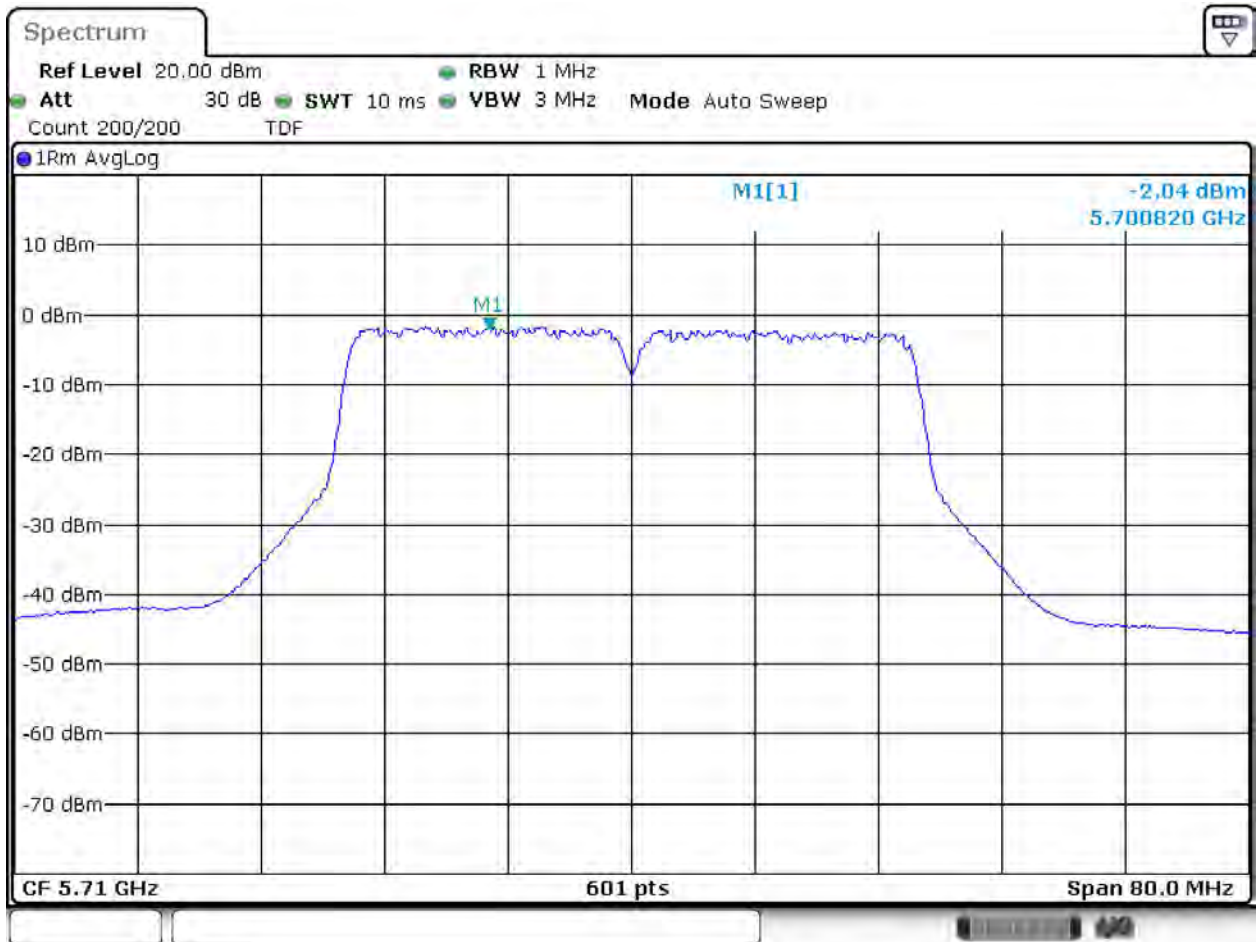
### 11.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 16:20:01

## 12. 802.11n\_40M\_Band3\_142

### 12.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 16:21:10

### 13. 802.11ac\_20M\_Band1\_M

#### 13.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 16:22:24

## 14. 802.11ac\_20M\_Band2\_M

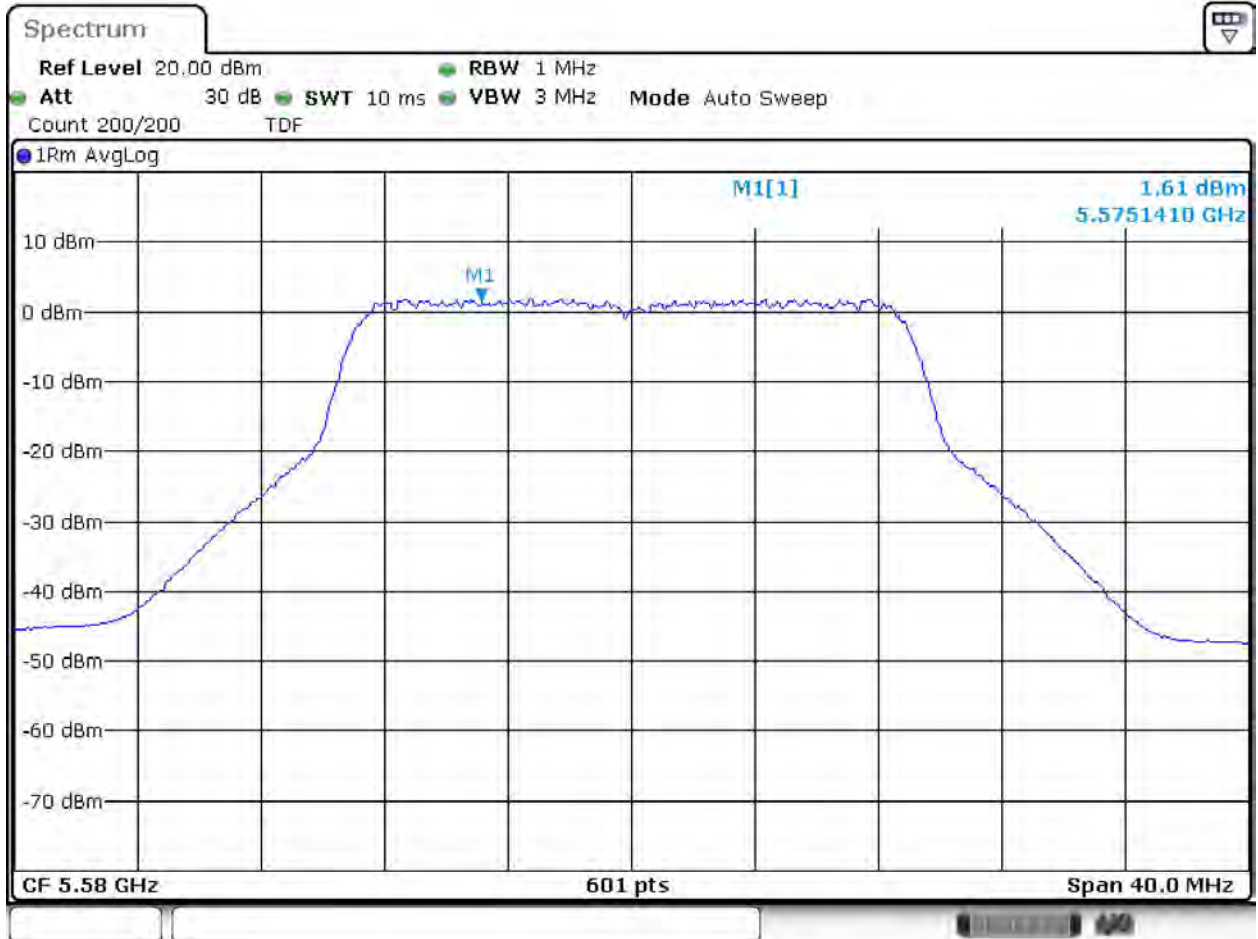
### 14.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 16:23:16

## 15. 802.11ac\_20M\_Band3\_M

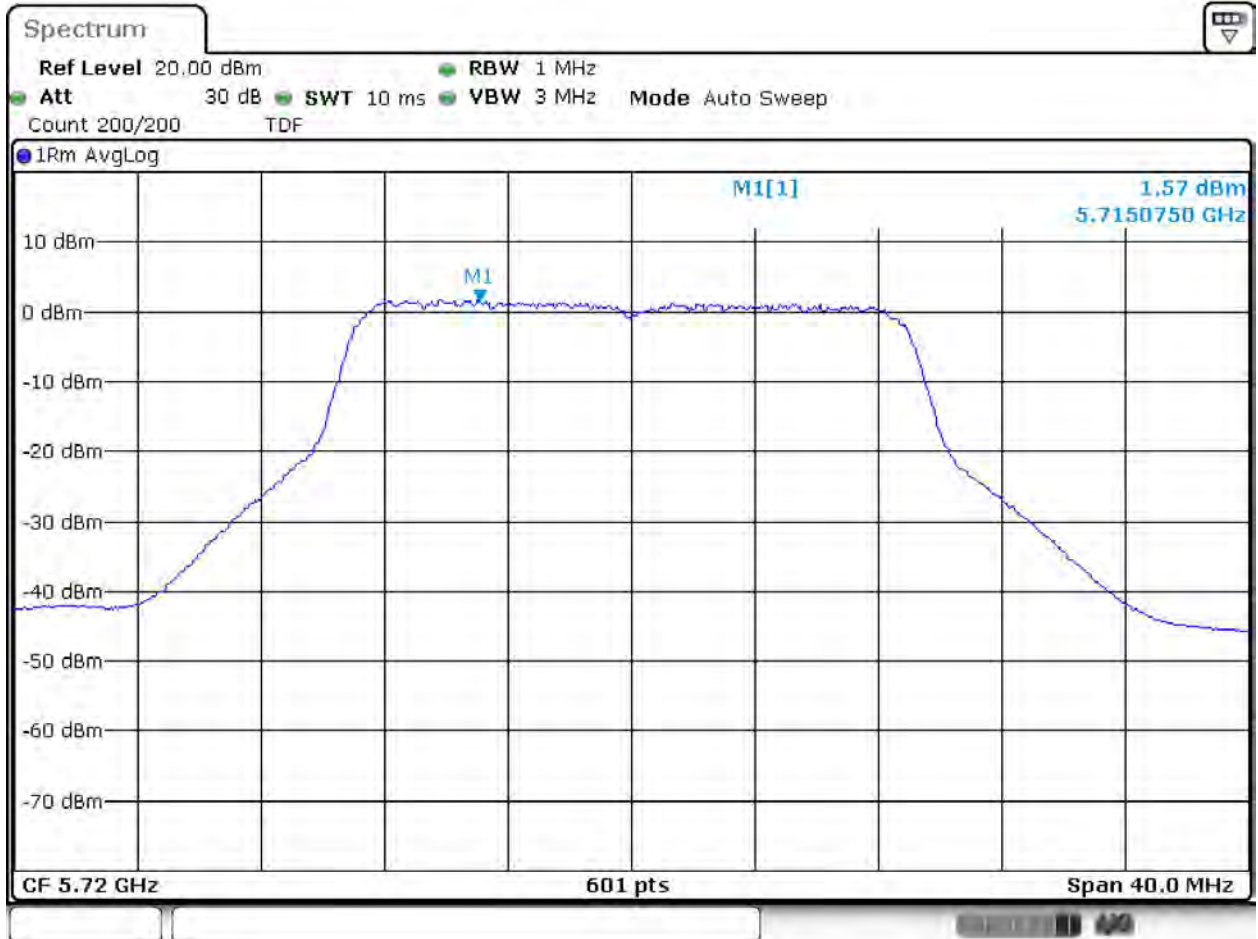
### 15.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 16:24:09

## 16. 802.11ac\_20M\_Band3\_CH144

### 16.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 16:24:57



## 17. 802.11ac\_20M\_Band4\_M

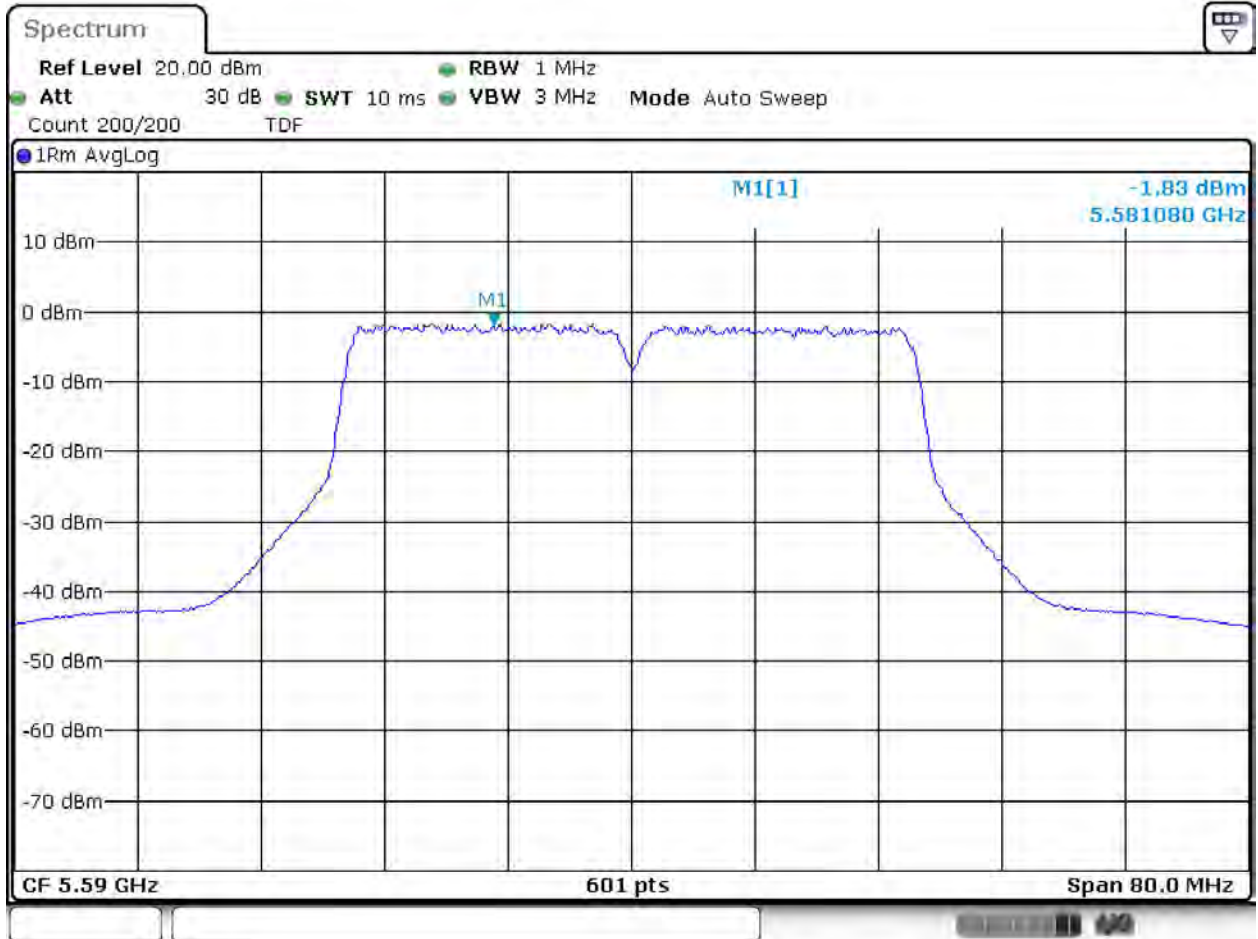
### 17.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 6.JAN.2019 16:25:41

## 18. 802.11ac\_40M\_Band3\_M

### 18.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 16:27:05

## 19. 802.11ac\_40M\_Band3\_CH142

### 19.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 16:43:05

## 20. 802.11ac\_80M\_Band3\_H

### 20.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21

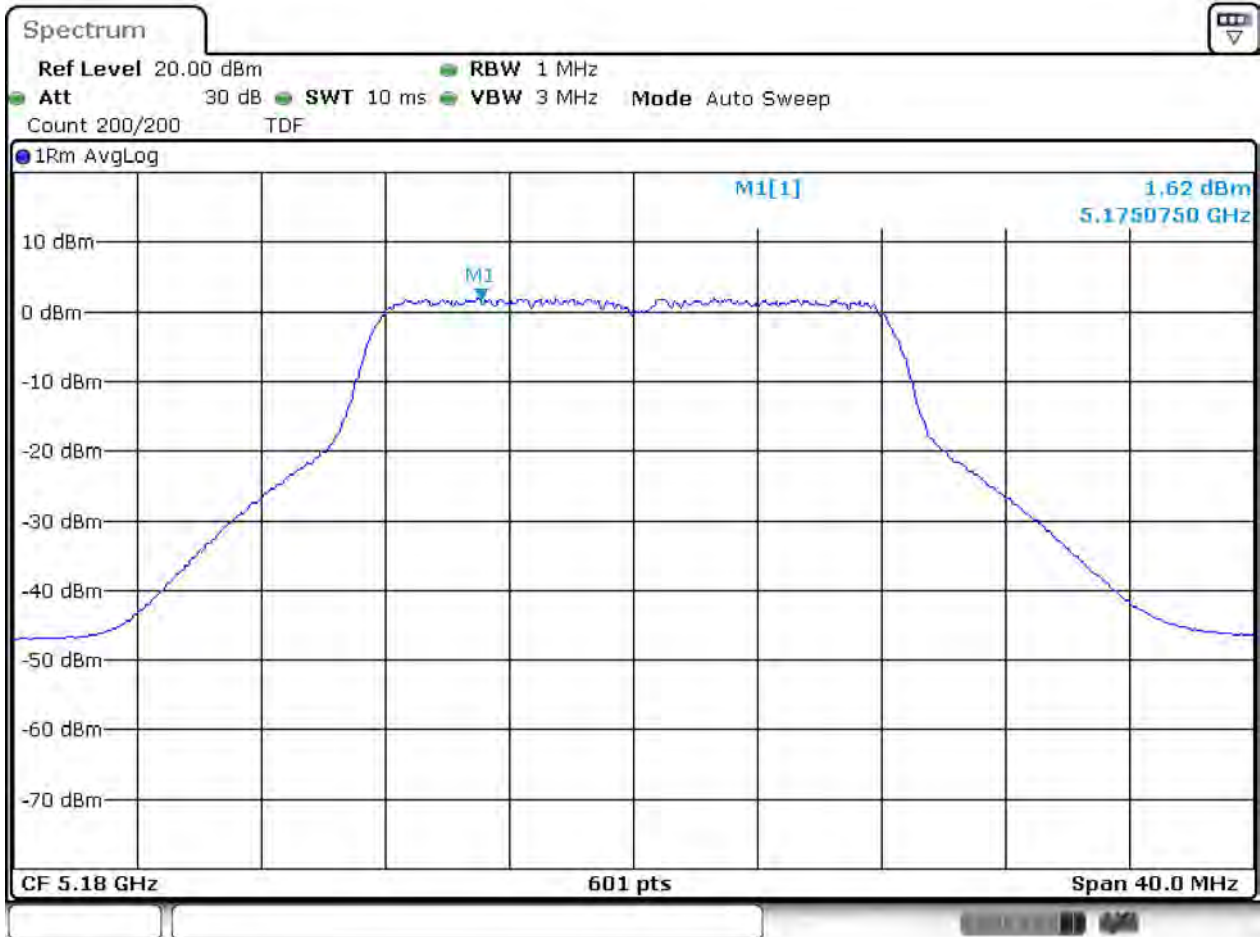


Date: 6.JAN.2019 16:44:08

## SISO-ANT1

### 1. 802.11a\_20M\_Band1\_L

#### 1.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:56:04

## 2. 802.11a\_20M\_Band1\_H

### 2.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:56:50

### 3. 802.11a\_20M\_Band2\_L

#### 3.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 21:56:54

## 4. 802.11a\_20M\_Band2\_H

### 4.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:58:19



## 5. 802.11a\_20M\_Band3\_L

### 5.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 17:59:38

## 6. 802.11a\_20M\_Band3\_H

### 6.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:00:32

## 7. 802.11a\_20M\_Band4\_L

### 7.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 18:02:11

## 8. 802.11a\_20M\_Band4\_H

### 8.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 18:03:07

## 9. 802.11n\_20M\_Band1\_L

### 9.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:04:20

## 10. 802.11n\_20M\_Band1\_H

### 10.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:05:05

## 11. 802.11n\_20M\_Band2\_L

### 11.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:05:58

## 12. 802.11n\_20M\_Band2\_H

### 12.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 22:00:56



### 13. 802.11n\_20M\_Band3\_L

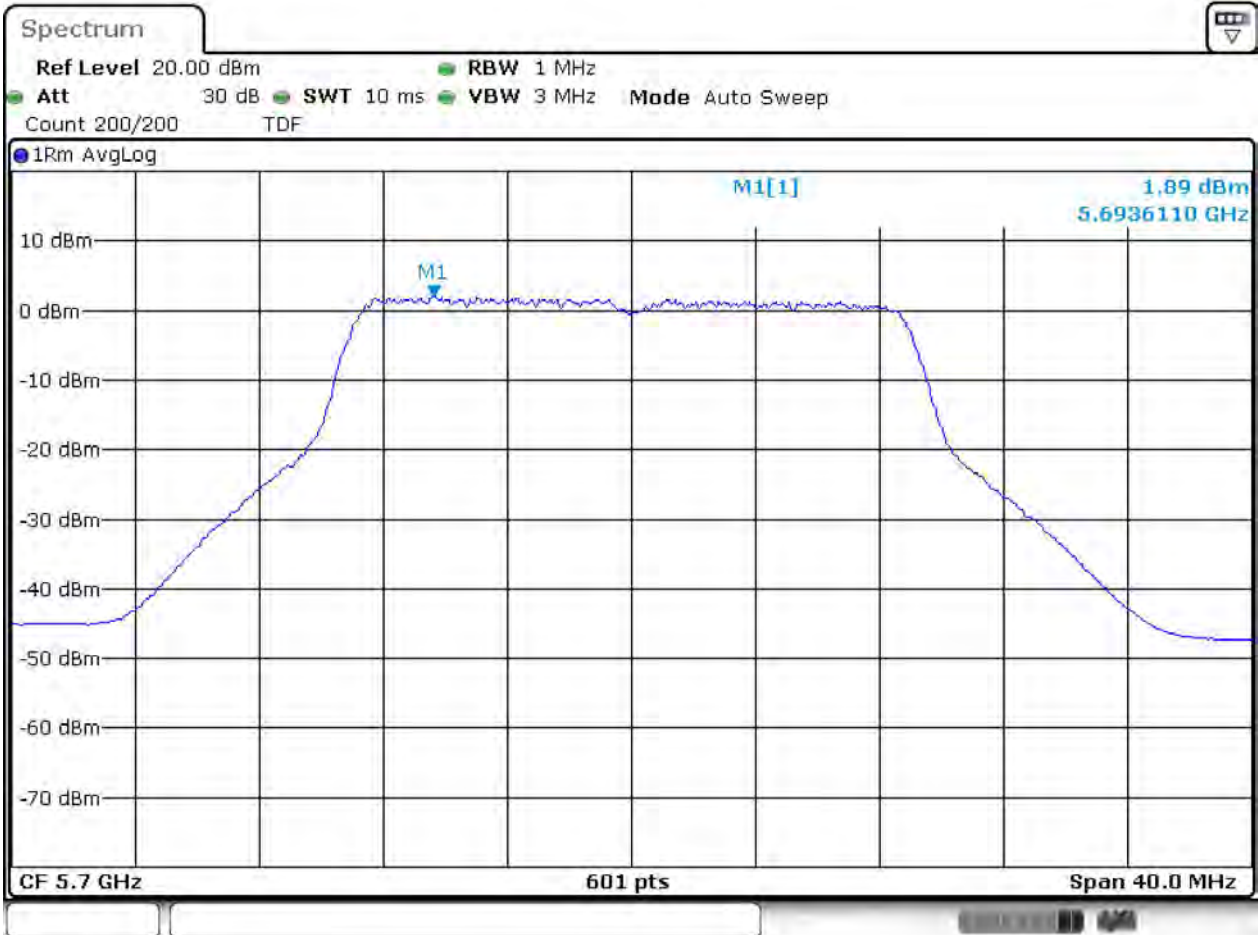
#### 13.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:08:41

## 14. 802.11n\_20M\_Band3\_H

### 14.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:09:23

## 15. 802.11n\_20M\_Band4\_L

### 15.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 18:10:13

## 16. 802.11n\_20M\_Band4\_H

### 16.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 18:11:00

## 17. 802.11n\_40M\_Band1\_L

### 17.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:11:50

## 18. 802.11n\_40M\_Band1\_H

### 18.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:13:05

## 19. 802.11n\_40M\_Band2\_L

### 19.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:13:46

## 20. 802.11n\_40M\_Band2\_H

### 20.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:14:33



## 21. 802.11n\_40M\_Band3\_L

### 21.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:15:22

## 22. 802.11n\_40M\_Band3\_H

### 22.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 22:02:34

## 23. 802.11n\_40M\_Band4\_L

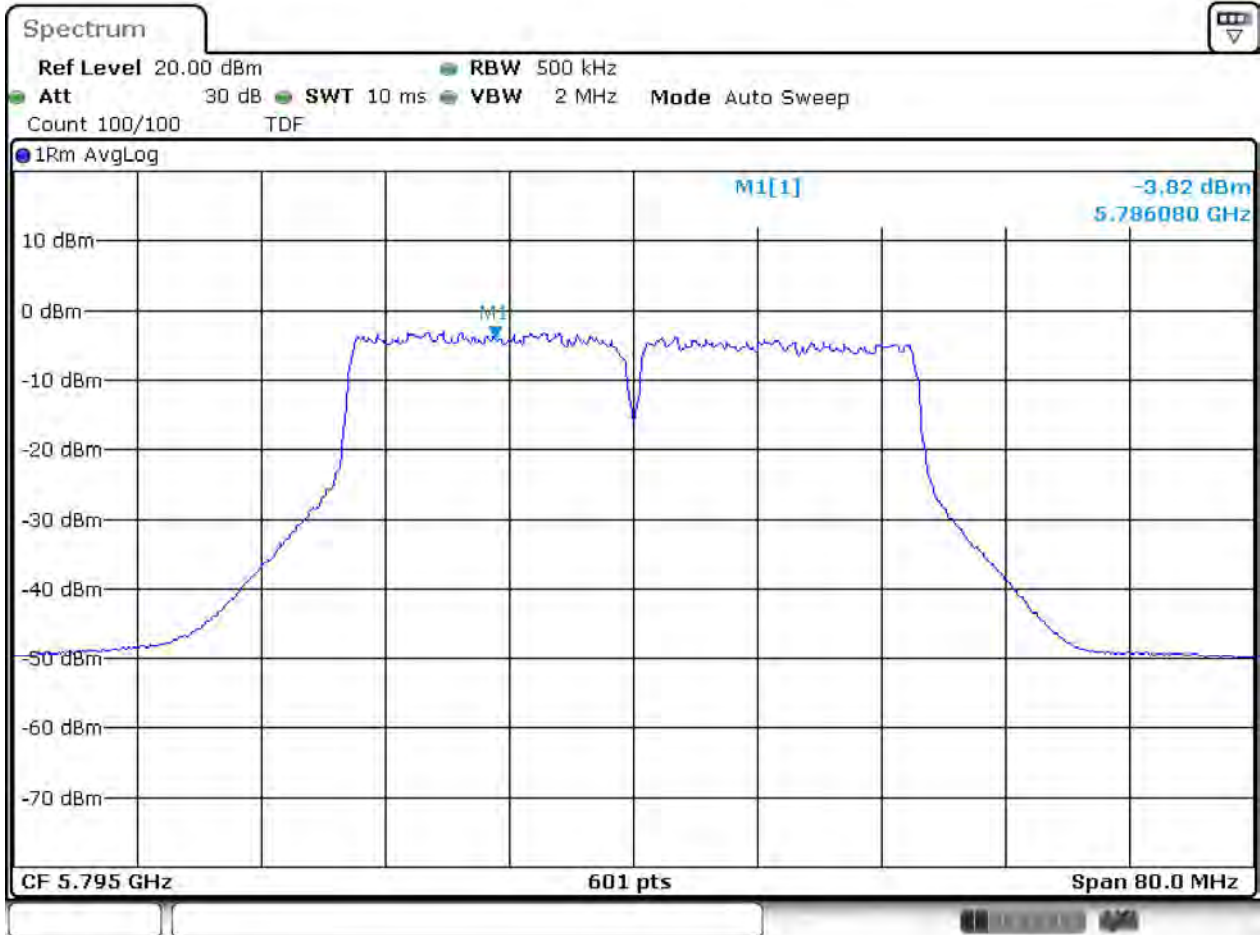
### 23.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 18:17:06

## 24. 802.11n\_40M\_Band4\_H

### 24.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 22:03:27

## 25. 802.11ac\_20M\_Band1\_L

### 25.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:19:01

## 26. 802.11ac\_20M\_Band1\_H

### 26.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:19:44

## 27. 802.11ac\_20M\_Band2\_L

### 27.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:20:26

## 28. 802.11ac\_20M\_Band2\_H

### 28.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 22:04:31



## 29. 802.11ac\_20M\_Band3\_L

### 29.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:21:49

### 30. 802.11ac\_20M\_Band3\_H

#### 30.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:22:32

### 31. 802.11ac\_20M\_Band4\_L

#### 31.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 18:23:18

## 32. 802.11ac\_20M\_Band4\_H

### 32.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 18:23:59

### 33. 802.11ac\_40M\_Band1\_L

#### 33.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:24:39

### 34. 802.11ac\_40M\_Band1\_H

#### 34.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:25:23

### 35. 802.11ac\_40M\_Band2\_L

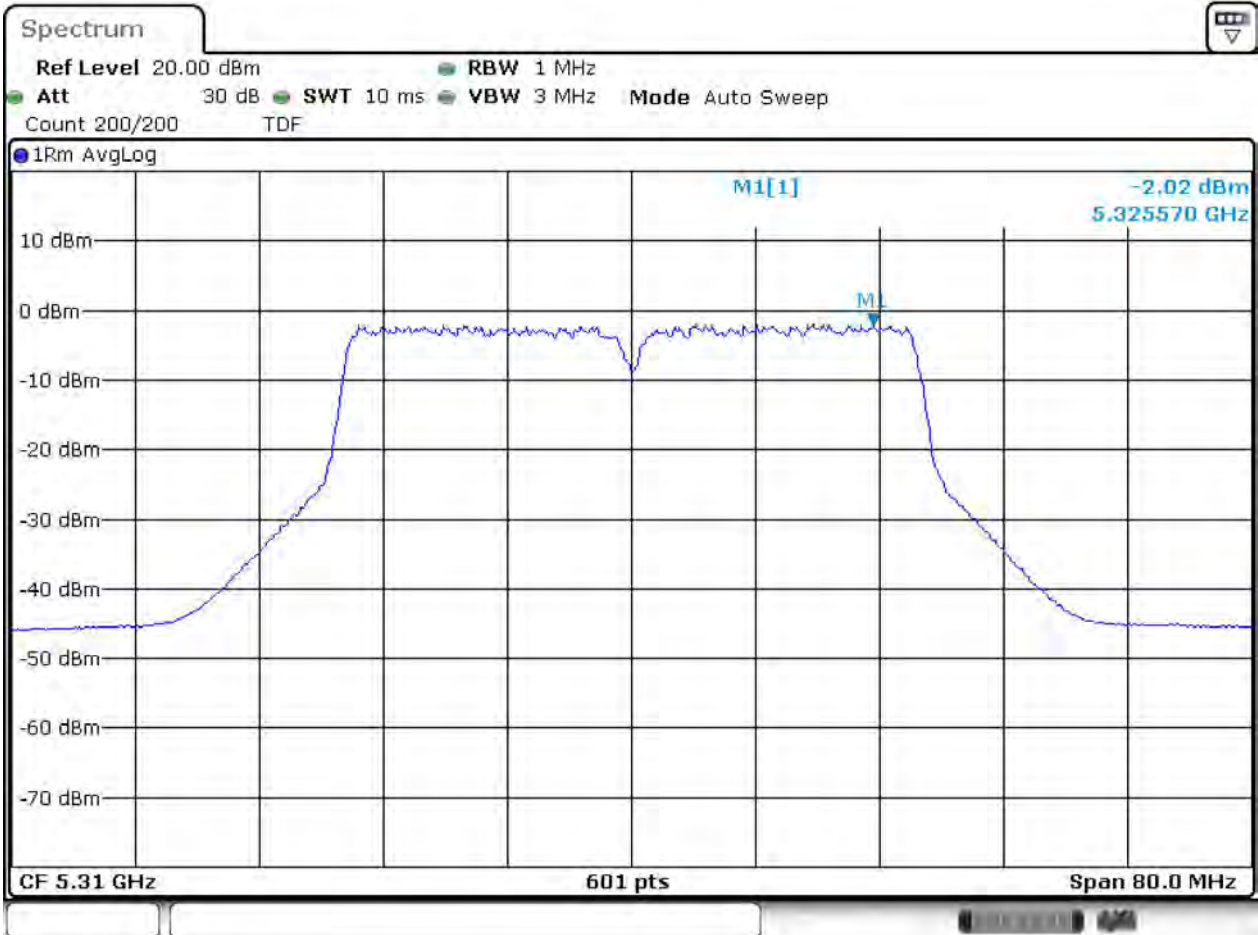
#### 35.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:26:05

### 36. 802.11ac\_40M\_Band2\_H

#### 36.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21

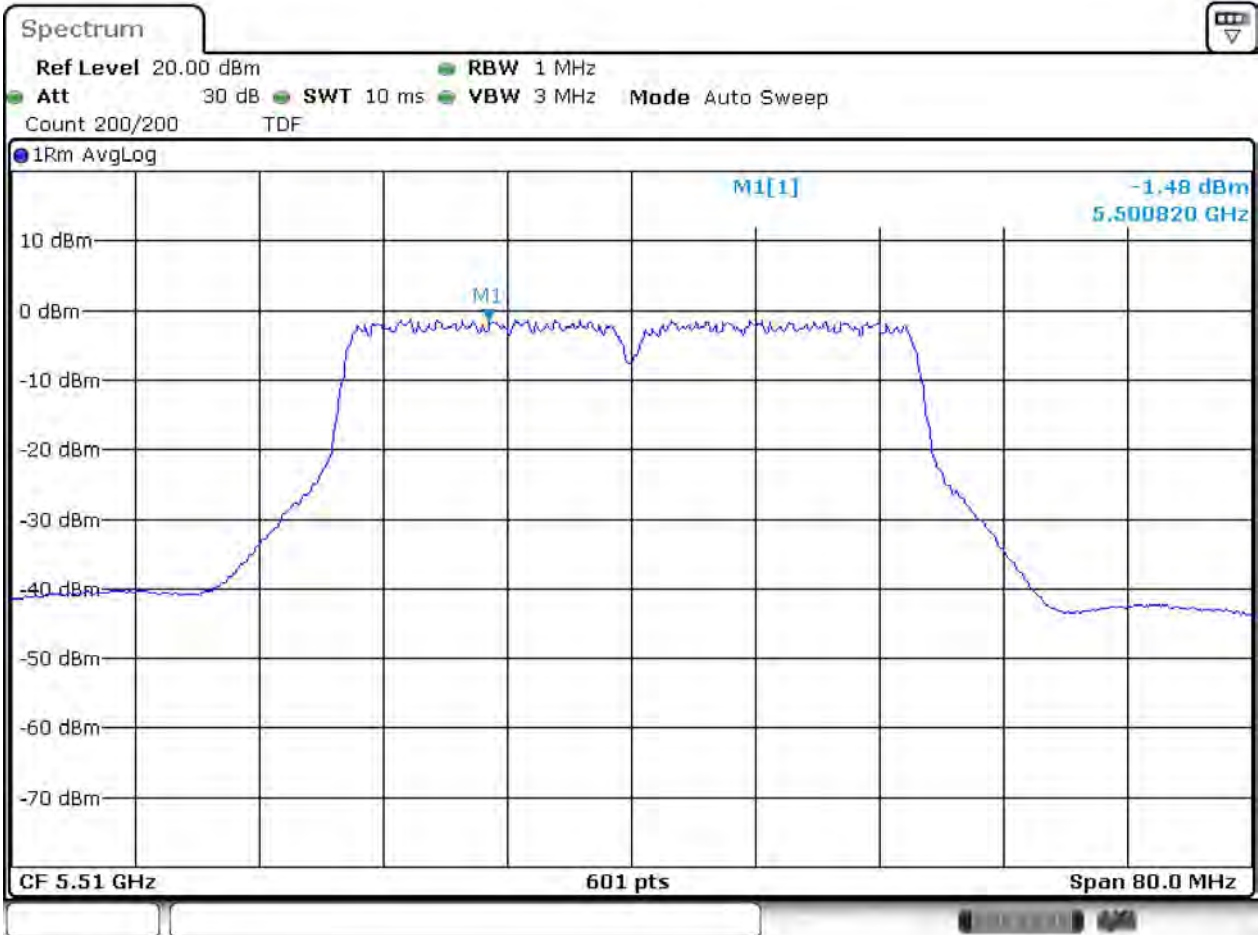


Date: 27.NOV.2018 18:26:49



### 37. 802.11ac\_40M\_Band3\_L

#### 37.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:28:27

### 38. 802.11ac\_40M\_Band3\_H

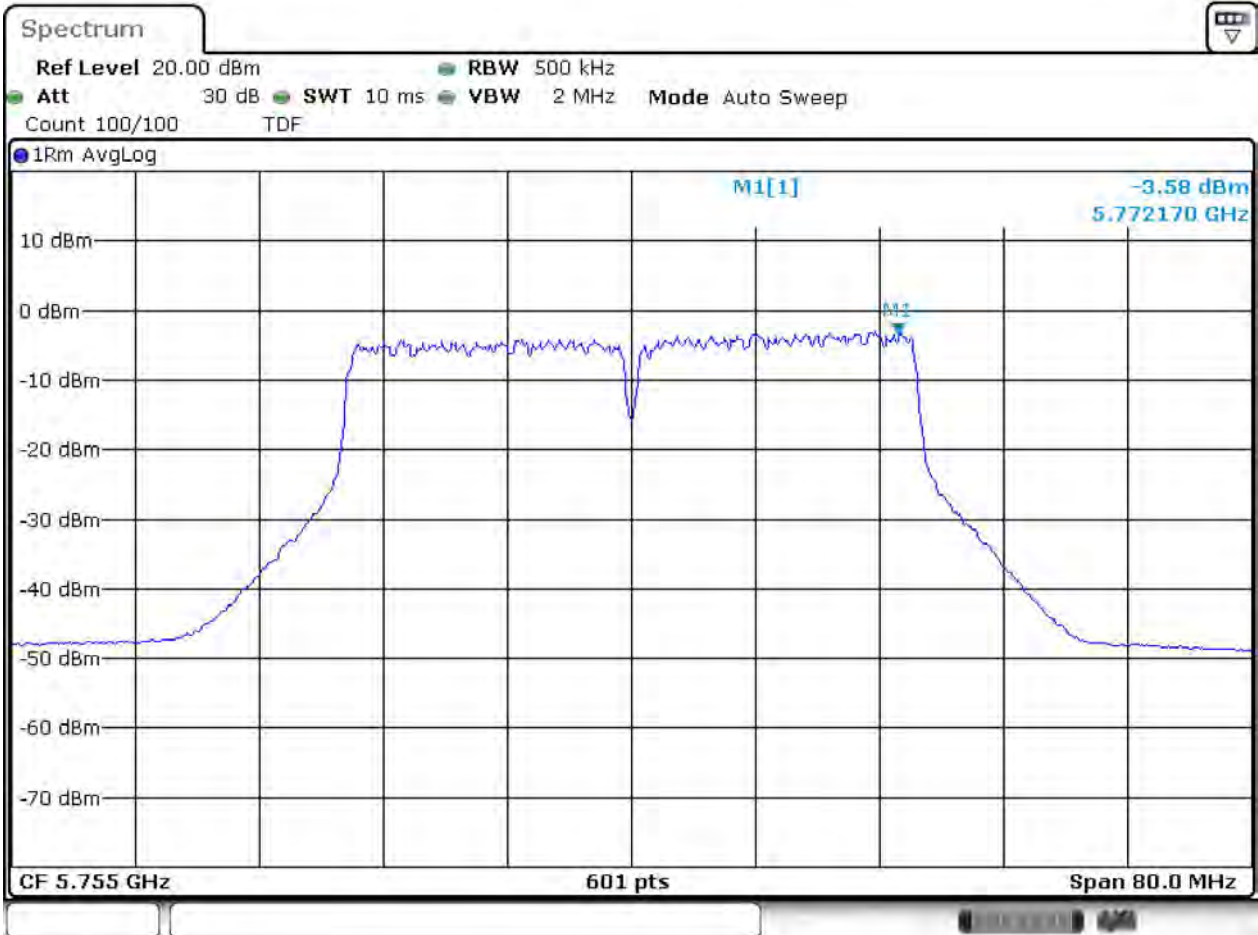
#### 38.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:29:23

### 39. 802.11ac\_40M\_Band4\_L

#### 39.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 18:30:30

## 40. 802.11ac\_40M\_Band4\_H

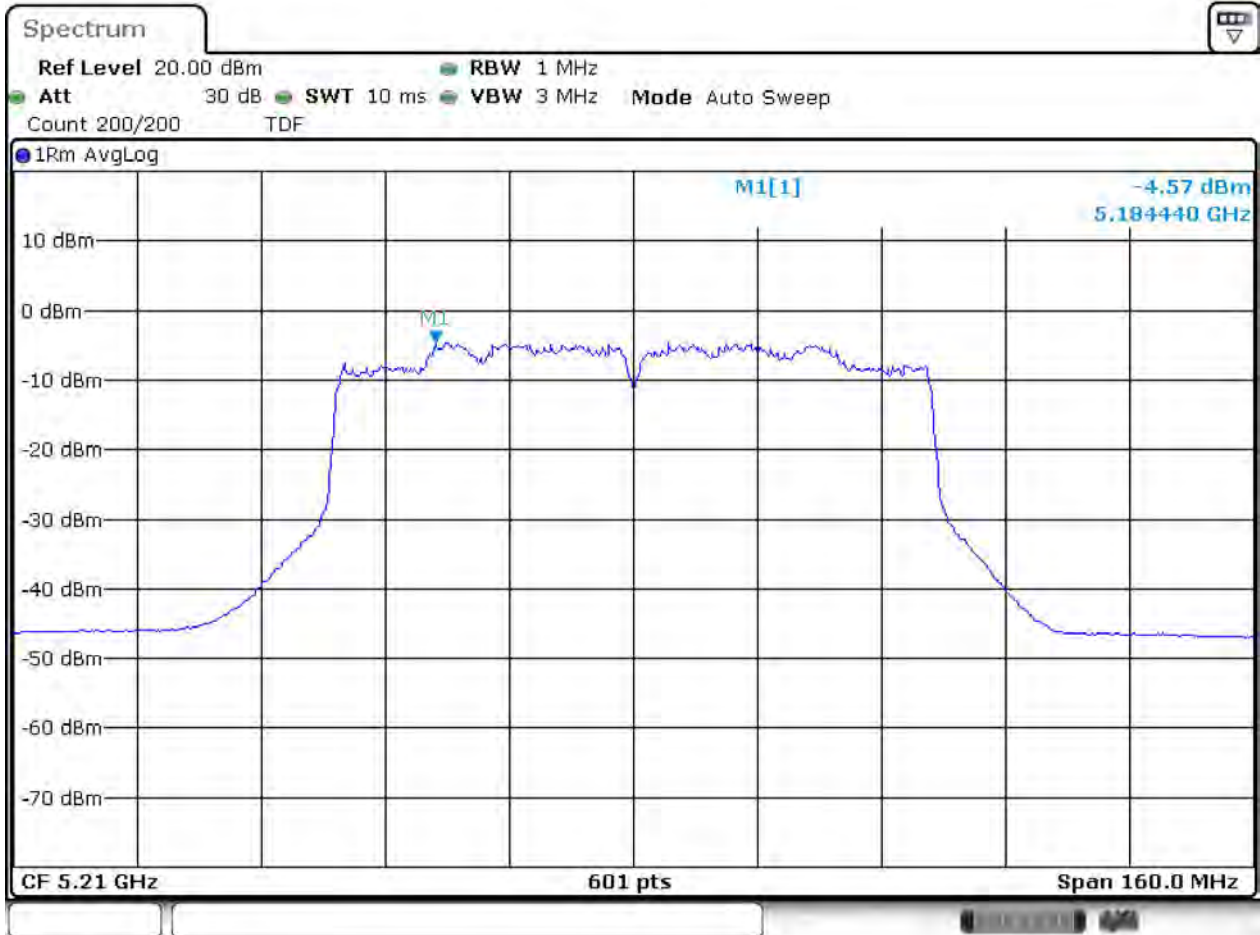
### 40.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 22:06:04

## 41. 802.11ac\_80M\_Band1\_M

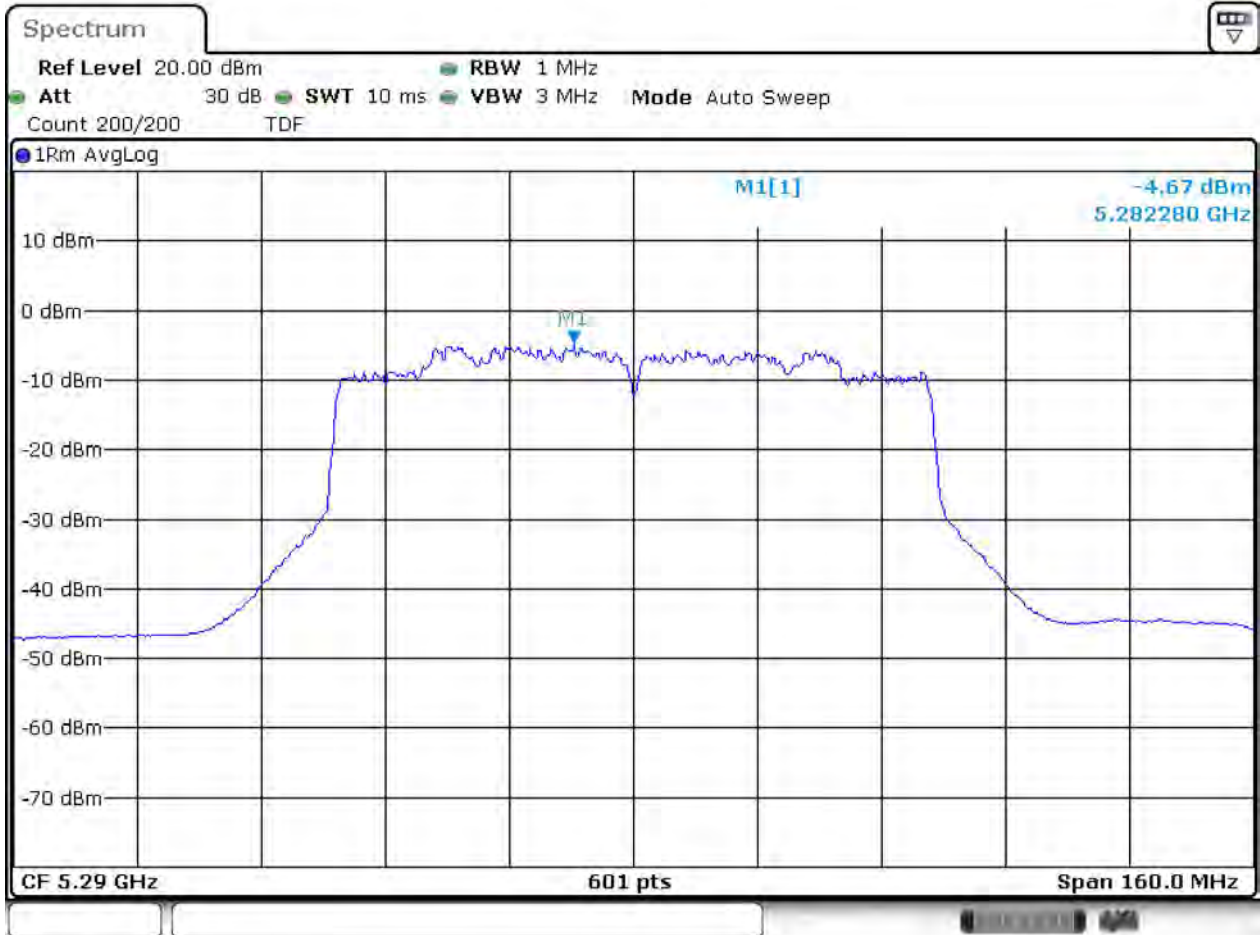
### 41.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 22:06:55

## 42. 802.11ac\_80M\_Band2\_M

### 42.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:32:39

### 43. 802.11ac\_80M\_Band3\_L

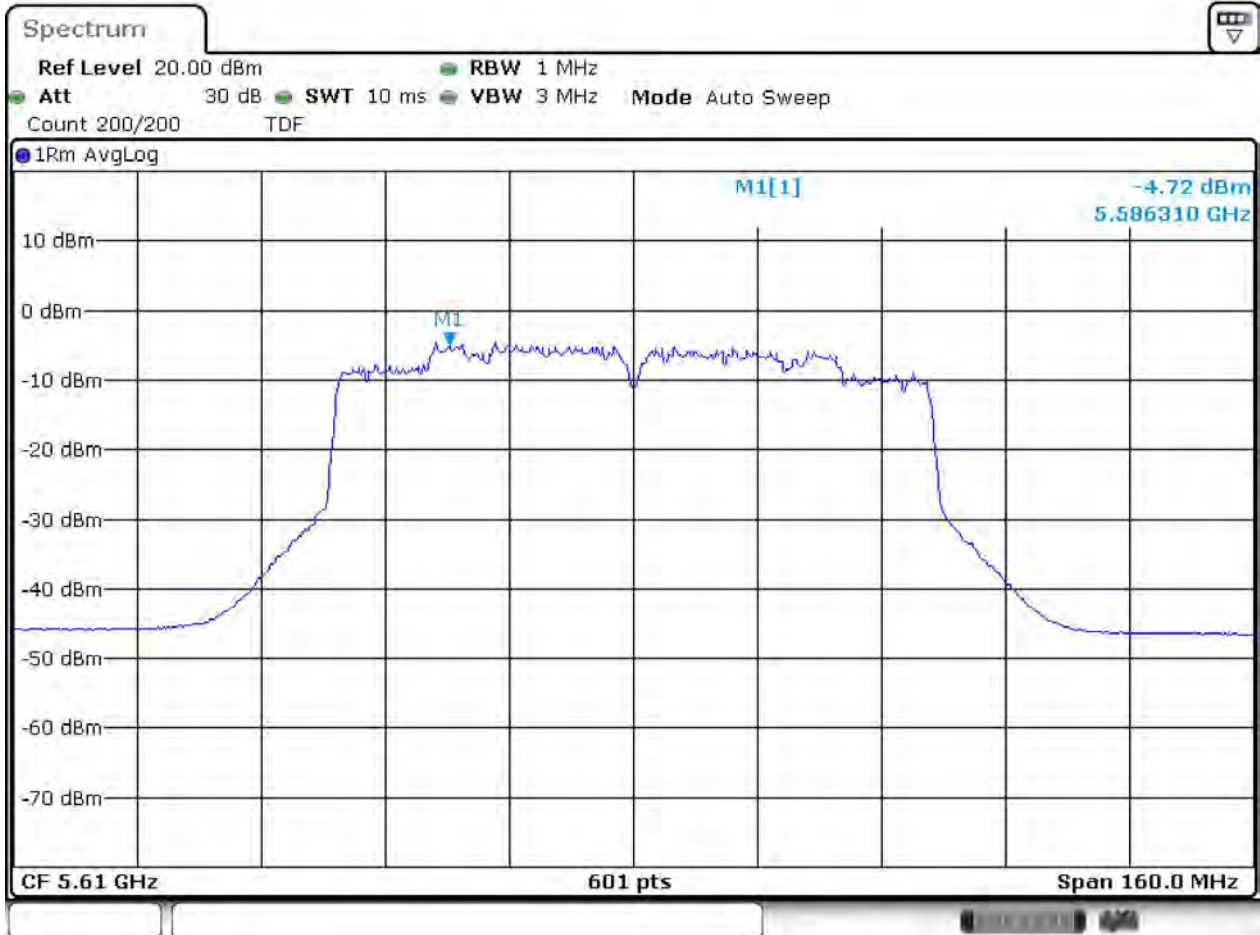
#### 43.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 22:07:44

## 44. 802.11ac\_80M\_Band3\_M

### 44.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21

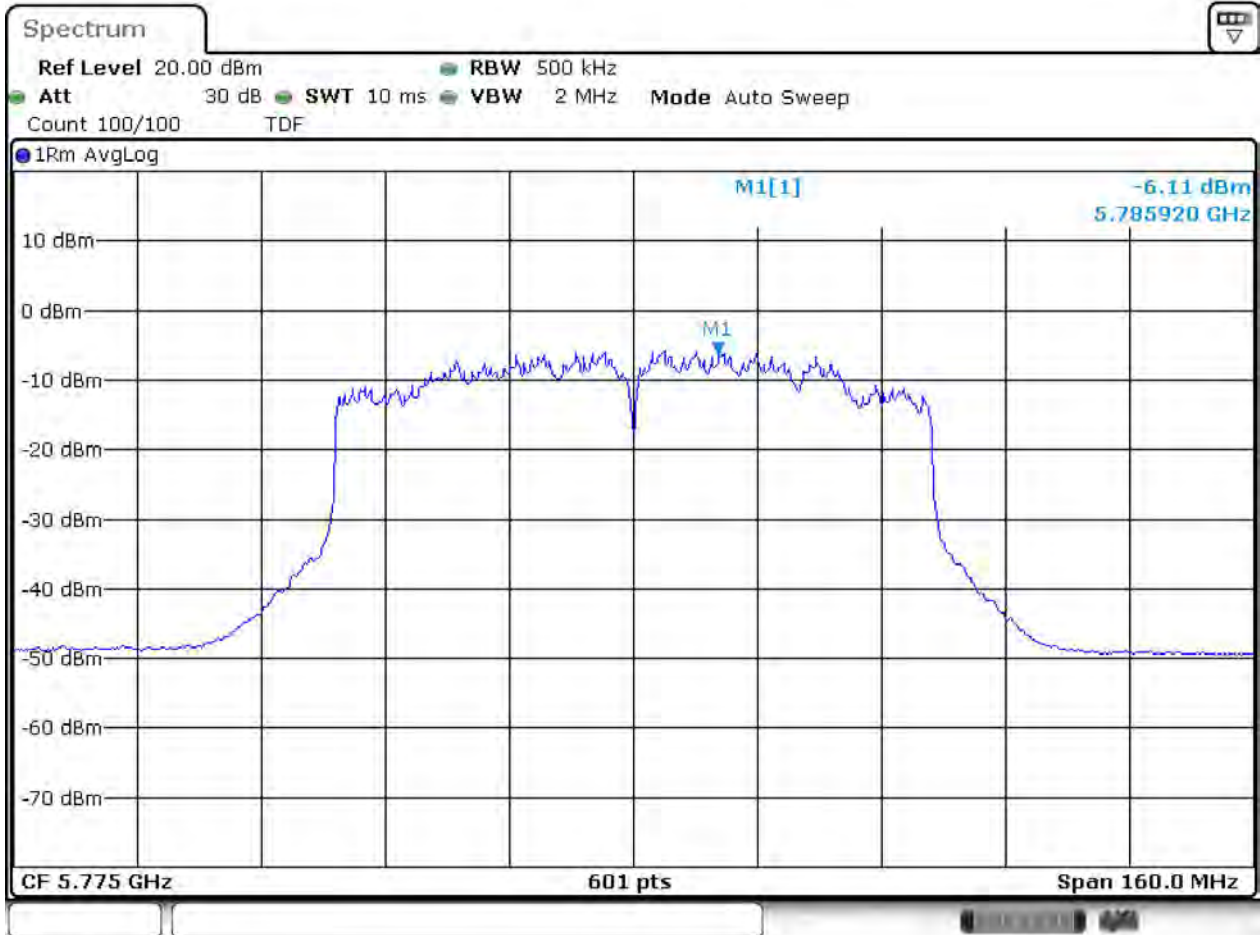


Date: 27.NOV.2018 18:36:47



## 45. 802.11ac\_80M\_Band4\_M

### 45.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 27.NOV.2018 18:37:15

## 46. 802.11ac\_160M\_Band2\_M

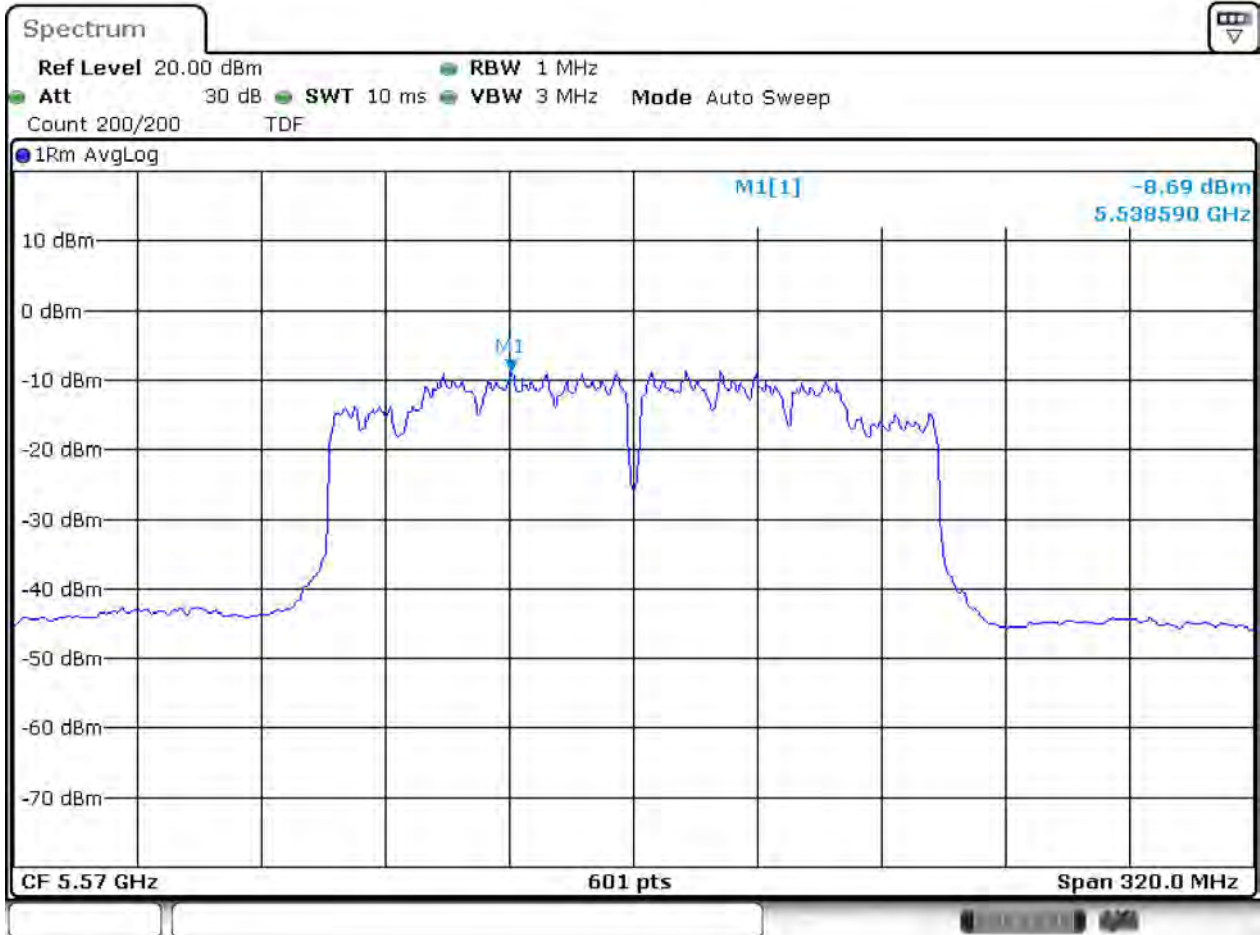
### 46.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 22:08:47

## 47. 802.11ac\_160M\_Band3\_M

### 47.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 27.NOV.2018 18:39:53

## 1. 802.11a\_20M\_Band1\_M

### 1.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 17:27:26

## 2. 802.11a\_20M\_Band2\_M

### 2.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 17:28:08

### 3. 802.11a\_20M\_Band3\_M

#### 3.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 17:28:59

## 4. 802.11a\_20M\_Band3\_CH144

### 4.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 17:29:39

## 5. 802.11a\_20M\_Band4\_M

### 5.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step20



Date: 6.JAN.2019 17:30:48



## 6. 802.11n\_20M\_Band1\_M

### 6.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 17:31:49

## 7. 802.11n\_20M\_Band2\_M

### 7.1. A.4-Power Spectral Density (PSD)(NTNV)\_Step21



Date: 6.JAN.2019 17:32:28