

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

## Main Antenna

### 1. 802.11a\_20M\_U-NII-1\_L

#### 1.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 2. 802.11a\_20M\_U-NII-1\_M

### 2.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



### 3. 802.11a\_20M\_U-NII-1\_H

#### 3.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



#### 4. 802.11n\_20M\_U-NII-1\_L

##### 4.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 5. 802.11n\_20M\_U-NII-1\_M

### 5.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 6. 802.11n\_20M\_U-NII-1\_H

### 6.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 7. 802.11n\_40M\_U-NII-1\_L

### 7.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 8. 802.11n\_40M\_U-NII-1\_H

### 8.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 9. 802.11ac\_20M\_U-NII-1\_L

### 9.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 10. 802.11ac\_20M\_U-NII-1\_M

### 10.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 11. 802.11ac\_20M\_U-NII-1\_H

### 11.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 12. 802.11ac\_40M\_U-NII-1\_L

### 12.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





### 13. 802.11ac\_40M\_U-NII-1\_H

#### 13.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 15. 802.11a\_20M\_U-NII-2A\_L

### 15.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 16. 802.11a\_20M\_U-NII-2A\_M

### 16.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 17. 802.11a\_20M\_U-NII-2A\_H

### 17.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 18. 802.11n\_20M\_U-NII-2A\_L

### 18.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 19. 802.11n\_20M\_U-NII-2A\_M

### 19.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 20. 802.11n\_20M\_U-NII-2A\_H

### 20.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 21. 802.11n\_40M\_U-NII-2A\_L

### 21.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 22. 802.11n\_40M\_U-NII-2A\_H

### 22.2. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 23. 802.11ac\_20M\_U-NII-2A\_L

### 23.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 24. 802.11ac\_20M\_U-NII-2A\_M

### 24.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 25. 802.11ac\_20M\_U-NII-2A\_H

### 25.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 26. 802.11ac\_40M\_U-NII-2A\_L

### 26.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 27. 802.11ac\_40M\_U-NII-2A\_H

### 27.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 28. 802.11ac\_80M\_U-NII-2A\_M

### 28.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 29. 802.11a\_20M\_U-NII-2C\_L

### 29.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 30. 802.11a\_20M\_U-NII-2C\_M

### 30.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 31. 802.11a\_20M\_U-NII-2C\_H

### 31.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 32. 802.11n\_20M\_U-NII-2C\_L

### 32.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



### 33. 802.11n\_20M\_U-NII-2C\_M

#### 33.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 34. 802.11n\_20M\_U-NII-2C\_H

### 34.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 35. 802.11n\_40M\_U-NII-2C\_L

### 35.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 37. 802.11n\_40M\_U-NII-2C\_M

### 37.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 38. 802.11n\_40M\_U-NII-2C\_H

### 38.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 39. 802.11ac\_20M\_U-NII-2C\_L

### 39.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 40. 802.11ac\_20M\_U-NII-2C\_M

### 40.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 41. 802.11ac\_20M\_U-NII-2C\_H

### 41.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 42. 802.11ac\_40M\_U-NII-2C\_L

### 42.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



#### 44. 802.11ac\_40M\_U-NII-2C\_M

##### 44.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 45. 802.11ac\_40M\_U-NII-2C\_H

### 45.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 46. 802.11ac\_80M\_U-NII-2C\_L

### 46.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 47. 802.11ac\_80M\_U-NII-2C\_M

### 47.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 48. 802.11a\_20M\_U-NII-3\_L

### 48.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 49. 802.11a\_20M\_U-NII-3\_M

### 49.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 50. 802.11a\_20M\_U-NII-3\_H

### 50.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 51. 802.11n\_20M\_U-NII-3\_L

### 51.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 52. 802.11n\_20M\_U-NII-3\_M

### 52.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 53. 802.11n\_20M\_U-NII-3\_H

### 53.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 54. 802.11n\_40M\_U-NII-3\_L

### 54.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 55. 802.11n\_40M\_U-NII-3\_H

### 55.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 56. 802.11ac\_20M\_U-NII-3\_L

### 56.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 57. 802.11ac\_20M\_U-NII-3\_M

### 57.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 58. 802.11ac\_20M\_U-NII-3\_H

### 58.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 59. 802.11ac\_40M\_U-NII-3\_L

### 59.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 60. 802.11ac\_40M\_U-NII-3\_H

### 60.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 61. 802.11ac\_80M\_U-NII-3\_M

### 61.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 1. 802.11a\_20M\_U-NII-2C\_CH144

### 1.2. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 2. 802.11n\_20M\_U-NII-2C\_CH144

### 2.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



### 3. 802.11n\_40M\_U-NII-2C\_CH142

#### 3.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



#### 4. 802.11ac\_20M\_U-NII-2C\_CH144

##### 4.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 5. 802.11ac\_40M\_U-NII-2C\_CH142

### 5.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 6. 802.11ac\_80M\_U-NII-2C\_CH138

### 6.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 7. 802.11a\_20M\_U-NII-3\_CH144

### 7.3. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 8. 802.11n\_20M\_U-NII-3\_CH144

### 8.2. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 9. 802.11n\_40M\_U-NII-3\_CH142

### 9.2. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 10. 802.11ac\_20M\_U-NII-3\_CH144

### 10.2. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 11. 802.11ac\_40M\_U-NII-3\_CH142

### 11.2. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 12. 802.11ac\_80M\_U-NII-3\_CH138

### 12.2. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## Aux. Antenna

### 1. 802.11a\_20M\_U-NII-1\_L

#### 1.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 2. 802.11a\_20M\_U-NII-1\_M

### 2.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



### 3. 802.11a\_20M\_U-NII-1\_H

#### 3.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



#### 4. 802.11n\_20M\_U-NII-1\_L

##### 4.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 5. 802.11n\_20M\_U-NII-1\_M

### 5.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 6. 802.11n\_20M\_U-NII-1\_H

### 6.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 7. 802.11n\_40M\_U-NII-1\_L

### 7.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 8. 802.11n\_40M\_U-NII-1\_H

### 8.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 9. 802.11ac\_20M\_U-NII-1\_L

### 9.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 10. 802.11ac\_20M\_U-NII-1\_M

### 10.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 11. 802.11ac\_20M\_U-NII-1\_H

### 11.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 12. 802.11ac\_40M\_U-NII-1\_L

### 12.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





### 13. 802.11ac\_40M\_U-NII-1\_H

#### 13.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 14. 802.11ac\_80M\_U-NII-1\_M

### 14.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 15. 802.11a\_20M\_U-NII-2A\_L

### 15.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 16. 802.11a\_20M\_U-NII-2A\_M

### 16.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 17. 802.11a\_20M\_U-NII-2A\_H

### 17.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 18. 802.11n\_20M\_U-NII-2A\_L

### 18.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 19. 802.11n\_20M\_U-NII-2A\_M

### 19.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 20. 802.11n\_20M\_U-NII-2A\_H

### 20.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 21. 802.11n\_40M\_U-NII-2A\_L

### 21.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 22. 802.11n\_40M\_U-NII-2A\_H

### 22.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 23. 802.11ac\_20M\_U-NII-2A\_L

### 23.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 24. 802.11ac\_20M\_U-NII-2A\_M

### 24.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 25. 802.11ac\_20M\_U-NII-2A\_H

### 25.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 26. 802.11ac\_40M\_U-NII-2A\_L

### 26.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 27. 802.11ac\_40M\_U-NII-2A\_H

### 27.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 28. 802.11ac\_80M\_U-NII-2A\_M

### 28.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 29. 802.11a\_20M\_U-NII-2C\_L

### 29.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 30. 802.11a\_20M\_U-NII-2C\_M

### 30.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 31. 802.11a\_20M\_U-NII-2C\_H

### 31.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 32. 802.11n\_20M\_U-NII-2C\_L

### 32.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





### 33. 802.11n\_20M\_U-NII-2C\_M

#### 33.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 34. 802.11n\_20M\_U-NII-2C\_H

### 34.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 35. 802.11n\_40M\_U-NII-2C\_L

### 35.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 37. 802.11n\_40M\_U-NII-2C\_M

### 37.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 38. 802.11n\_40M\_U-NII-2C\_H

### 38.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 39. 802.11ac\_20M\_U-NII-2C\_L

### 39.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 40. 802.11ac\_20M\_U-NII-2C\_M

### 40.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 41. 802.11ac\_20M\_U-NII-2C\_H

### 41.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 42. 802.11ac\_40M\_U-NII-2C\_L

### 42.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



#### 44. 802.11ac\_40M\_U-NII-2C\_M

##### 44.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 45. 802.11ac\_40M\_U-NII-2C\_H

### 45.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 46. 802.11ac\_80M\_U-NII-2C\_L

### 46.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 47. 802.11ac\_80M\_U-NII-2C\_M

### 47.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 48. 802.11a\_20M\_U-NII-3\_L

### 48.2. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 49. 802.11a\_20M\_U-NII-3\_M

### 49.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 50. 802.11a\_20M\_U-NII-3\_H

### 50.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 51. 802.11n\_20M\_U-NII-3\_L

### 51.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 52. 802.11n\_20M\_U-NII-3\_M

### 52.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 53. 802.11n\_20M\_U-NII-3\_H

### 53.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 54. 802.11n\_40M\_U-NII-3\_L

### 54.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 55. 802.11n\_40M\_U-NII-3\_H

### 55.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 56. 802.11ac\_20M\_U-NII-3\_L

### 56.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 57. 802.11ac\_20M\_U-NII-3\_M

### 57.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 58. 802.11ac\_20M\_U-NII-3\_H

### 58.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 59. 802.11ac\_40M\_U-NII-3\_L

### 59.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 60. 802.11ac\_40M\_U-NII-3\_H

### 60.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 61. 802.11ac\_80M\_U-NII-3\_M

### 61.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 1. 802.11a\_20M\_U-NII-2C\_CH144

### 1.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 2. 802.11n\_20M\_U-NII-2C\_CH144

### 2.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



### 3. 802.11n\_40M\_U-NII-2C\_CH142

#### 3.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



#### 4. 802.11ac\_20M\_U-NII-2C\_CH144

##### 4.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 5. 802.11ac\_40M\_U-NII-2C\_CH142

### 5.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 6. 802.11ac\_80M\_U-NII-2C\_CH138

### 6.1. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 7. 802.11a\_20M\_U-NII-3\_CH144

### 7.2. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 8. 802.11n\_20M\_U-NII-3\_CH144

### 8.2. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 9. 802.11n\_40M\_U-NII-3\_CH142

### 9.2. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22





## 10. 802.11ac\_20M\_U-NII-3\_CH144

### 10.2. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 11. 802.11ac\_40M\_U-NII-3\_CH142

### 11.2. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



## 12. 802.11ac\_80M\_U-NII-3\_CH138

### 12.2. A.4-RMS Power Spectral Density (PSD)(NTNV)\_Step22



END