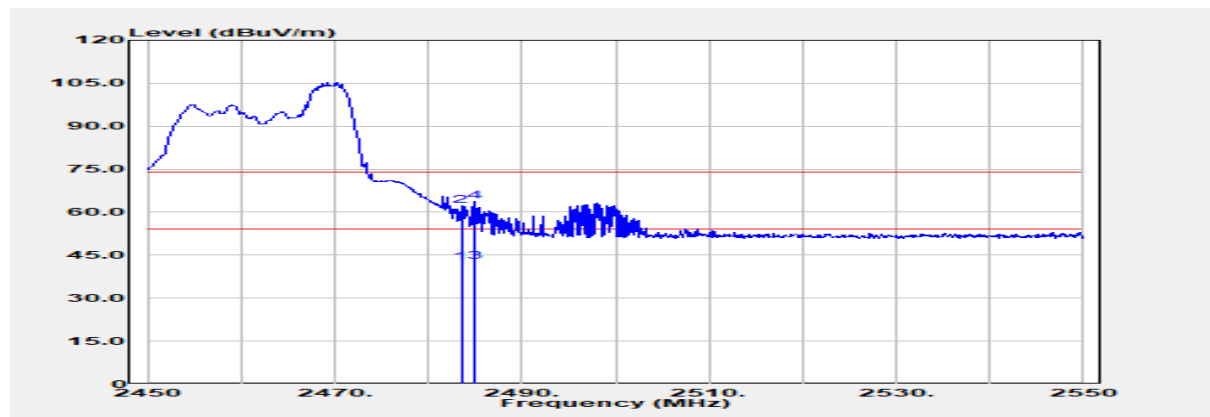


Report Number :TERF2211002513E2  
Operation Mode :802.11ax20  
Test Frequency :2462 MHz  
Test Mode :Bandedge RU 52/40  
EUT Pol :E2 Plane

Test Site :SAC C  
Test Date :2023-02-07  
Temp./Humi. :26.0/60  
Antenna Pol. :Vertical  
Engineer :Andy Wang



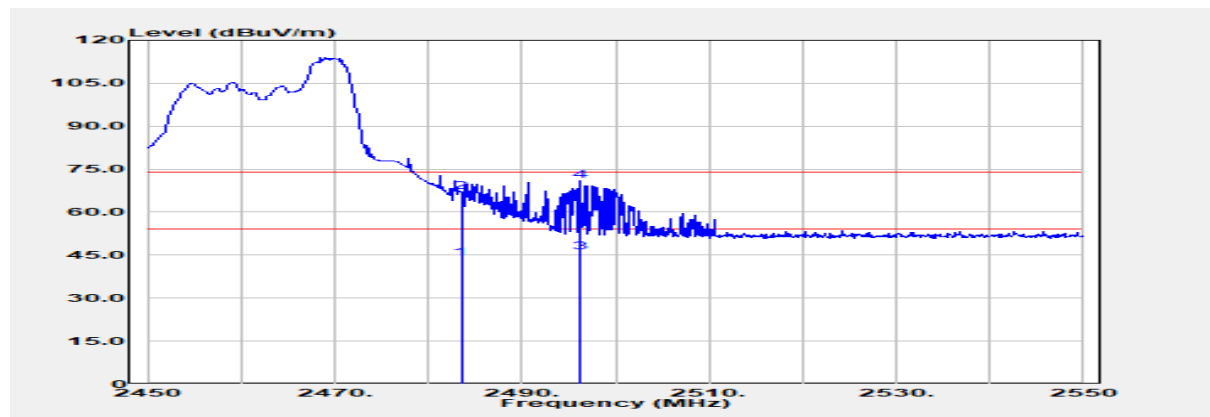
| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
| MHz      | Mode     | Reading Level |        | FS     | @3m    |        |
|          | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 2483.500 | Average  | 38.10         | 4.20   | 42.30  | 54.00  | -11.70 |
| 2483.500 | Peak     | 57.93         | 4.20   | 62.13  | 74.00  | -11.87 |
| 2485.000 | Average  | 38.48         | 4.20   | 42.68  | 54.00  | -11.32 |
| 2485.000 | Peak     | 59.70         | 4.20   | 63.89  | 74.00  | -10.11 |

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Report Number :TERF2211002513E2  
 Operation Mode :802.11ax20  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge RU 52/40  
 EUT Pol :E2 Plane

Test Site :SAC C  
 Test Date :2023-02-07  
 Temp./Humi. :26.0/60  
 Antenna Pol. :Horizontal  
 Engineer :Andy Wang



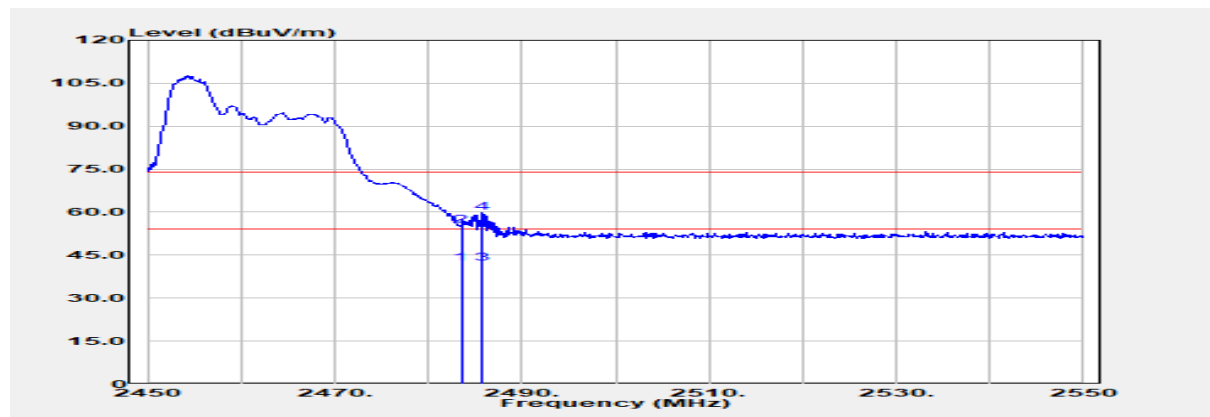
| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
| MHz      | Mode     | Reading Level |        | FS           | @3m          |        |
|          | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 2483.500 | Average  | 39.85         | 4.20   | 44.05        | 54.00        | -9.95  |
| 2483.500 | Peak     | 62.88         | 4.20   | 67.08        | 74.00        | -6.92  |
| 2496.300 | Average  | 41.86         | 4.17   | 46.03        | 54.00        | -7.97  |
| 2496.300 | Peak     | 66.89         | 4.17   | 71.06        | 74.00        | -2.94  |

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Report Number :TERF2211002513E2  
 Operation Mode :802.11ax20  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge RU 52/37  
 EUT Pol :E2 Plane

Test Site :SAC C  
 Test Date :2023-02-07  
 Temp./Humi. :26.0/60  
 Antenna Pol. :Vertical  
 Engineer :Andy Wang



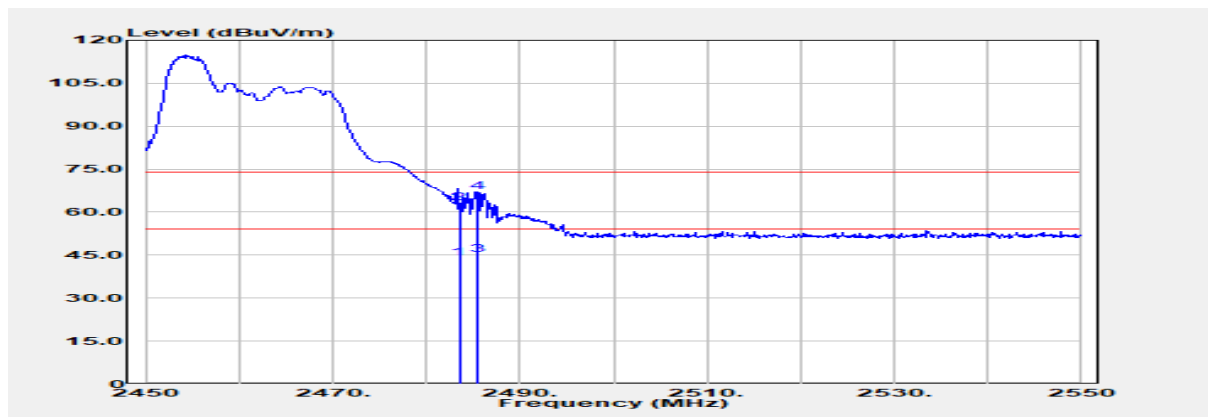
| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
| MHz      | Mode     | Reading Level |        | FS           | @3m          |        |
|          | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 2483.500 | Average  | 37.99         | 4.20   | 42.19        | 54.00        | -11.81 |
| 2483.500 | Peak     | 51.25         | 4.20   | 55.45        | 74.00        | -18.55 |
| 2485.800 | Average  | 37.86         | 4.19   | 42.06        | 54.00        | -11.94 |
| 2485.800 | Peak     | 55.70         | 4.19   | 59.90        | 74.00        | -14.10 |

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Report Number :TERF2211002513E2  
 Operation Mode :802.11ax20  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge RU 52/37  
 EUT Pol :E2 Plane

Test Site :SAC C  
 Test Date :2023-02-07  
 Temp./Humi. :26.0/60  
 Antenna Pol. :Horizontal  
 Engineer :Andy Wang



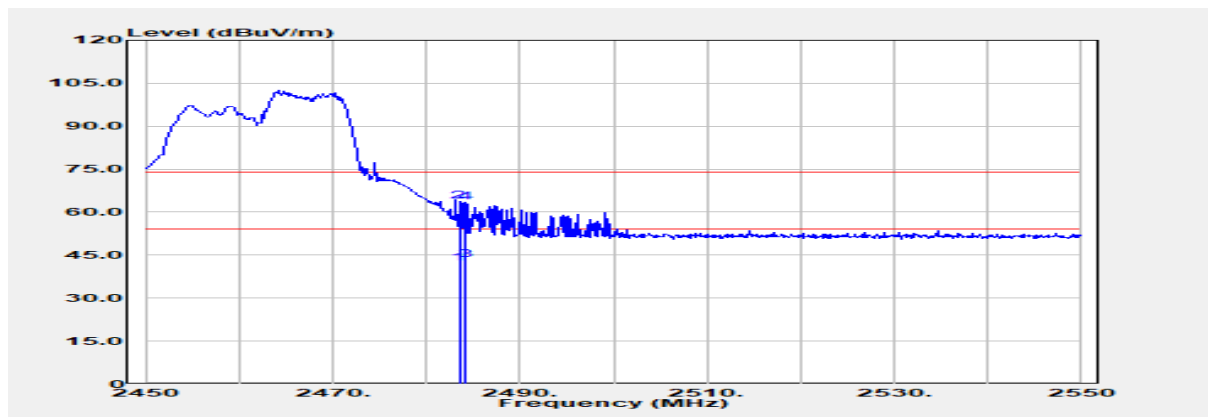
| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
| MHz      | Mode     | Reading Level |        | FS     | @3m    |        |
|          | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 2483.500 | Average  | 39.86         | 4.20   | 44.06  | 54.00  | -9.94  |
| 2483.500 | Peak     | 59.01         | 4.20   | 63.21  | 74.00  | -10.79 |
| 2485.500 | Average  | 41.02         | 4.20   | 45.22  | 54.00  | -8.78  |
| 2485.500 | Peak     | 62.94         | 4.20   | 67.13  | 74.00  | -6.87  |

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Report Number :TERF2211002513E2  
 Operation Mode :802.11ax20  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge RU 106/54  
 EUT Pol :E2 Plane

Test Site :SAC C  
 Test Date :2023-02-07  
 Temp./Humi. :26.0/60  
 Antenna Pol. :Vertical  
 Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
| MHz      | Mode     | Reading Level |        | FS           | @3m          |        |
|          | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 2483.500 | Average  | 37.91         | 4.20   | 42.11        | 54.00        | -11.89 |
| 2483.500 | Peak     | 59.60         | 4.20   | 63.80        | 74.00        | -10.20 |
| 2484.100 | Average  | 38.98         | 4.20   | 43.17        | 54.00        | -10.83 |
| 2484.100 | Peak     | 59.22         | 4.20   | 63.42        | 74.00        | -10.58 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-07

Test Frequency :2462 MHz

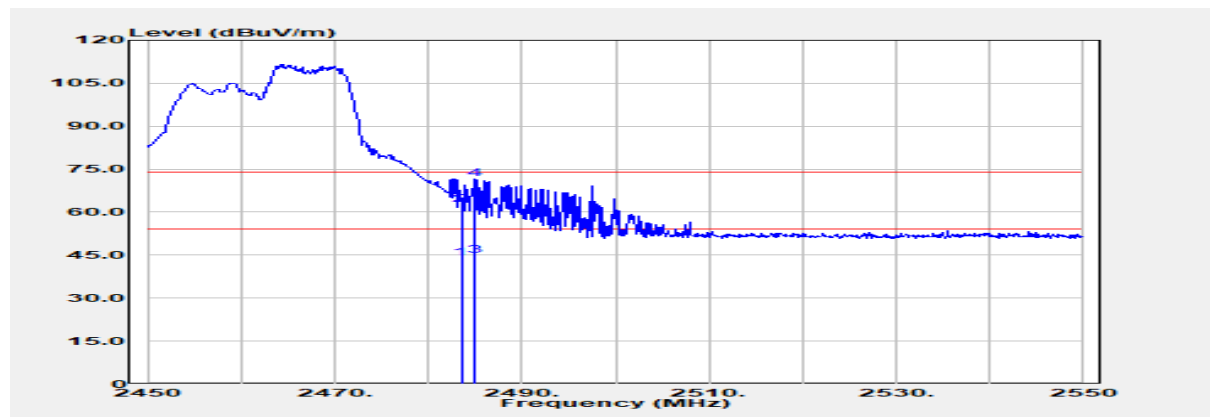
Temp./Humi. :26.0/60

Test Mode :Bandedge RU 106/54

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



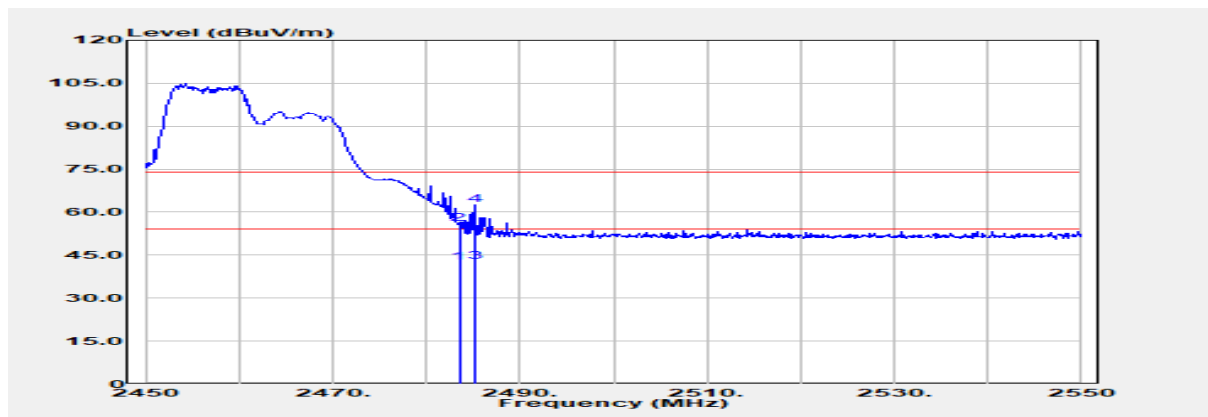
| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
| MHz      | Mode     | Reading Level |        | FS           | @3m          |        |
|          | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 2483.500 | Average  | 39.80         | 4.20   | 44.00        | 54.00        | -10.00 |
| 2483.500 | Peak     | 58.44         | 4.20   | 62.64        | 74.00        | -11.36 |
| 2485.000 | Average  | 40.52         | 4.20   | 44.72        | 54.00        | -9.28  |
| 2485.000 | Peak     | 67.40         | 4.20   | 71.60        | 74.00        | -2.40  |

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Report Number :TERF2211002513E2  
Operation Mode :802.11ax20  
Test Frequency :2462 MHz  
Test Mode :Bandedge RU 106/53  
EUT Pol :E2 Plane

Test Site :SAC C  
Test Date :2023-02-07  
Temp./Humi. :26.0/60  
Antenna Pol. :Vertical  
Engineer :Andy Wang



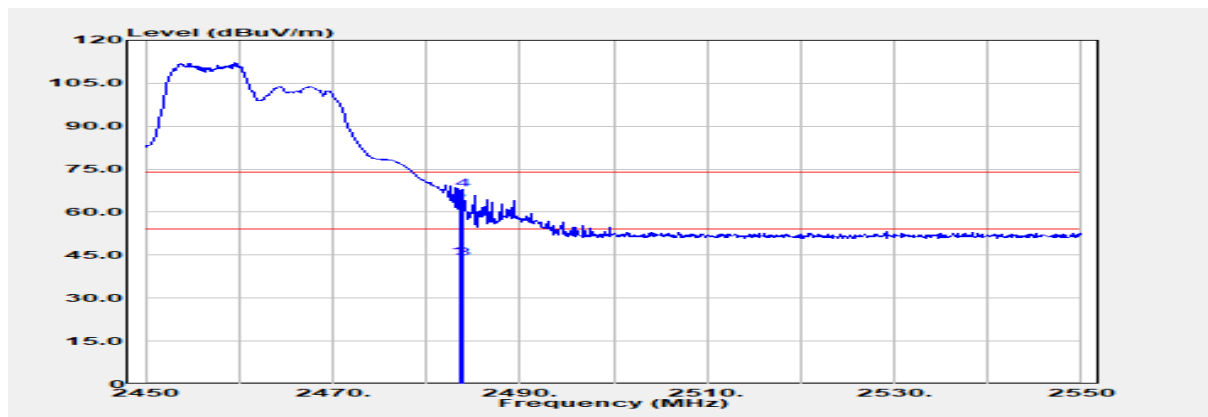
| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 2483.500 | Average  | 38.06         | 4.20   | 42.26        | 54.00        | -11.74 |
| 2483.500 | Peak     | 51.68         | 4.20   | 55.88        | 74.00        | -18.12 |
| 2485.200 | Average  | 38.44         | 4.20   | 42.63        | 54.00        | -11.37 |
| 2485.200 | Peak     | 58.49         | 4.20   | 62.69        | 74.00        | -11.31 |

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Report Number :TERF2211002513E2  
 Operation Mode :802.11ax20  
 Test Frequency :2462 MHz  
 Test Mode :Bandedge RU 106/53  
 EUT Pol :E2 Plane

Test Site :SAC C  
 Test Date :2023-02-07  
 Temp./Humi. :26.0/60  
 Antenna Pol. :Horizontal  
 Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
| MHz      | Mode     | Reading Level |        | FS     | @3m    |        |
|          | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 2483.500 | Average  | 39.89         | 4.20   | 44.09  | 54.00  | -9.91  |
| 2483.500 | Peak     | 58.62         | 4.20   | 62.82  | 74.00  | -11.18 |
| 2483.800 | Average  | 39.66         | 4.20   | 43.86  | 54.00  | -10.14 |
| 2483.800 | Peak     | 63.76         | 4.20   | 67.96  | 74.00  | -6.04  |

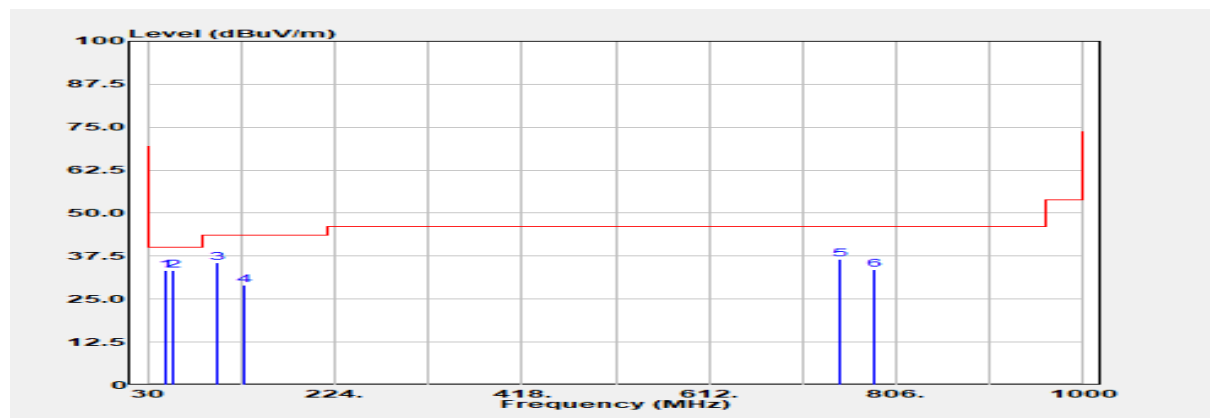
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### 11.6.2 Spurious Emission: ANT0(monopole)

Report Number :TERF2211002513E2  
 Operation Mode :802.11g  
 Test Frequency :2437 MHz  
 Test Mode :Tx  
 EUT Pol :E2 Plane

Test Site :SAC C  
 Test Date :2023-02-13  
 Temp./Humi. :22.1/72  
 Antenna Pol. :Vertical  
 Engineer :Andy Wang



| Freq.   | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|---------|----------|---------------|--------|--------------|--------------|--------|
| MHz     | Mode     | Reading Level |        | FS           | @3m          |        |
|         | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 48.430  | Peak     | 46.13         | -12.85 | 33.29        | 40.00        | -6.71  |
| 56.190  | Peak     | 46.43         | -12.98 | 33.45        | 40.00        | -6.55  |
| 101.780 | Peak     | 52.37         | -16.87 | 35.51        | 43.50        | -7.99  |
| 130.880 | Peak     | 42.82         | -13.73 | 29.10        | 43.50        | -14.40 |
| 746.830 | Peak     | 37.33         | -0.62  | 36.72        | 46.00        | -9.28  |
| 783.690 | Peak     | 32.73         | 0.93   | 33.66        | 46.00        | -12.34 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-13

Test Frequency :2437 MHz

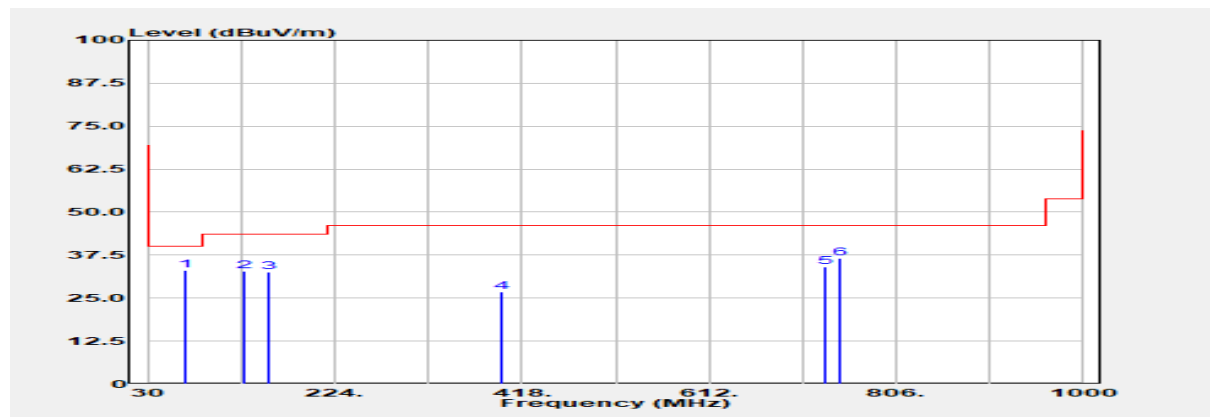
Temp./Humi. :22.1/72

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.   | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|---------|----------|---------------|--------|--------|--------|--------|
|         | Mode     | Reading Level |        | FS     | @3m    |        |
| MHz     | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 69.770  | Peak     | 48.31         | -15.26 | 33.05  | 40.00  | -6.95  |
| 130.880 | Peak     | 46.64         | -13.73 | 32.91  | 43.50  | -10.59 |
| 156.100 | Peak     | 44.54         | -12.07 | 32.48  | 43.50  | -11.02 |
| 397.630 | Peak     | 35.08         | -8.18  | 26.90  | 46.00  | -19.10 |
| 733.250 | Peak     | 34.44         | -0.45  | 33.99  | 46.00  | -12.01 |
| 746.830 | Peak     | 37.24         | -0.62  | 36.62  | 46.00  | -9.38  |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-13

Test Frequency :2437 MHz

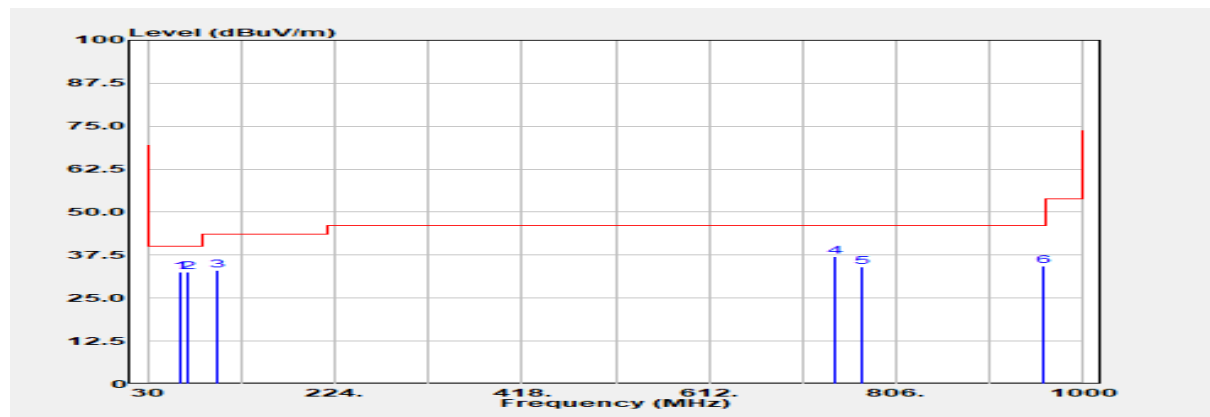
Temp./Humi. :22.1/72

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.   | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|---------|----------|---------------|--------|--------|--------|--------|
|         | Mode     | Reading Level |        | FS     | @3m    |        |
| MHz     | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 62.980  | Peak     | 46.65         | -13.99 | 32.66  | 40.00  | -7.34  |
| 70.740  | Peak     | 47.90         | -15.26 | 32.65  | 40.00  | -7.35  |
| 101.780 | Peak     | 49.85         | -16.87 | 32.99  | 43.50  | -10.51 |
| 741.980 | Peak     | 37.65         | -0.55  | 37.10  | 46.00  | -8.90  |
| 770.110 | Peak     | 33.14         | 0.86   | 34.00  | 46.00  | -12.00 |
| 958.290 | Peak     | 30.38         | 3.89   | 34.27  | 46.00  | -11.73 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-13

Test Frequency :2437 MHz

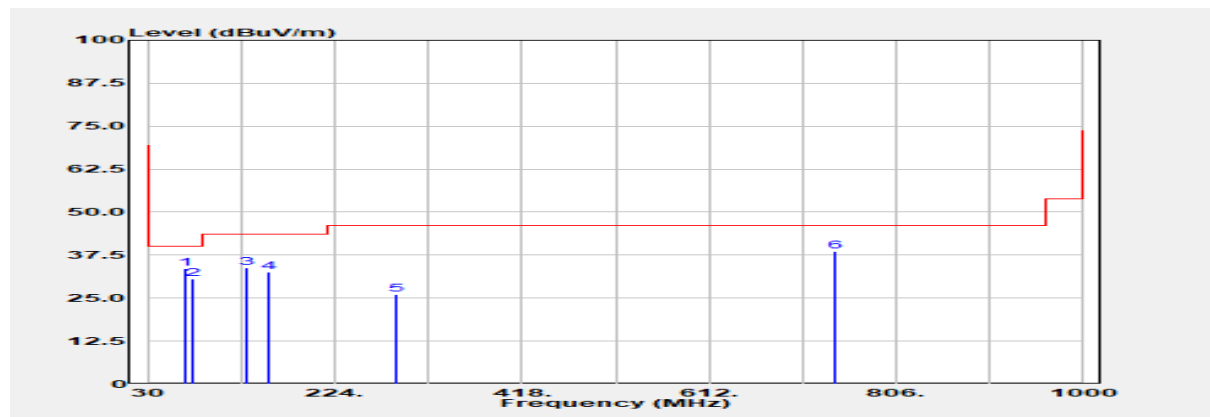
Temp./Humi. :22.1/72

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.   | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|---------|----------|---------------|--------|--------|--------|--------|
| MHz     | Mode     | Reading Level |        | FS     | @3m    |        |
|         | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 68.800  | Peak     | 48.53         | -15.05 | 33.48  | 40.00  | -6.52  |
| 75.590  | Peak     | 46.91         | -16.34 | 30.58  | 40.00  | -9.42  |
| 131.850 | Peak     | 47.45         | -13.68 | 33.77  | 43.50  | -9.73  |
| 155.130 | Peak     | 44.37         | -11.89 | 32.49  | 43.50  | -11.01 |
| 288.020 | Peak     | 37.57         | -11.56 | 26.01  | 46.00  | -19.99 |
| 742.950 | Peak     | 39.02         | -0.54  | 38.49  | 46.00  | -7.51  |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-09

Test Frequency :2412 MHz

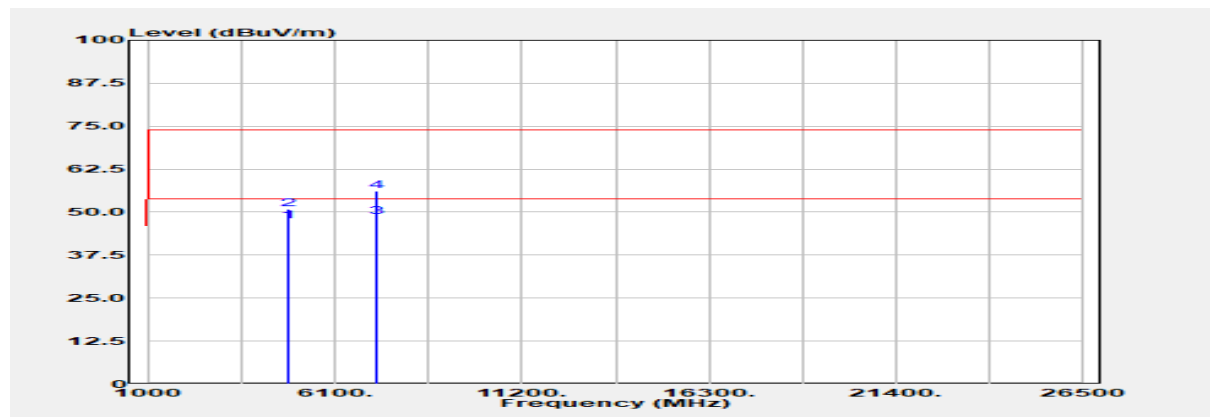
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4824.000 | Average  | 34.91         | 12.55  | 47.46        | 54.00        | -6.54  |
| 4824.000 | Peak     | 38.30         | 12.55  | 50.85        | 74.00        | -23.15 |
| 7236.000 | Average  | 28.62         | 20.09  | 48.71        | 54.00        | -5.29  |
| 7236.000 | Peak     | 35.98         | 20.09  | 56.07        | 74.00        | -17.93 |

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Report Number :TERF2211002513E2

Operation Mode :802.11b

Test Frequency :2412 MHz

Test Mode :Tx

EUT Pol :E2 Plane

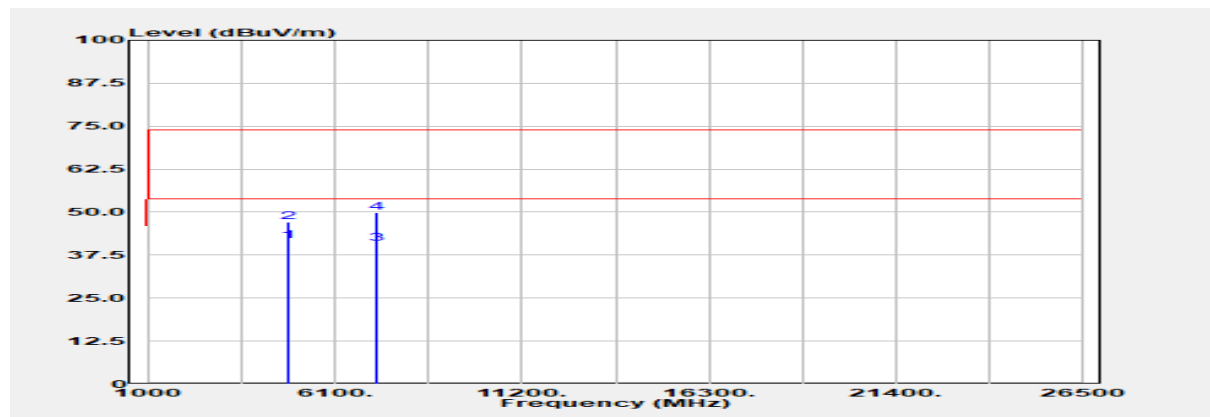
Test Site :SAC C

Test Date :2023-02-09

Temp./Humi. :23.5/65

Antenna Pol. :Horizontal

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
| MHz      | Mode     | Reading Level |        | FS           | @3m          |        |
|          | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4824.000 | Average  | 29.06         | 12.55  | 41.61        | 54.00        | -12.39 |
| 4824.000 | Peak     | 34.68         | 12.55  | 47.23        | 74.00        | -26.77 |
| 7236.000 | Average  | 20.77         | 20.09  | 40.86        | 54.00        | -13.14 |
| 7236.000 | Peak     | 29.84         | 20.09  | 49.93        | 74.00        | -24.07 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-09

Test Frequency :2437 MHz

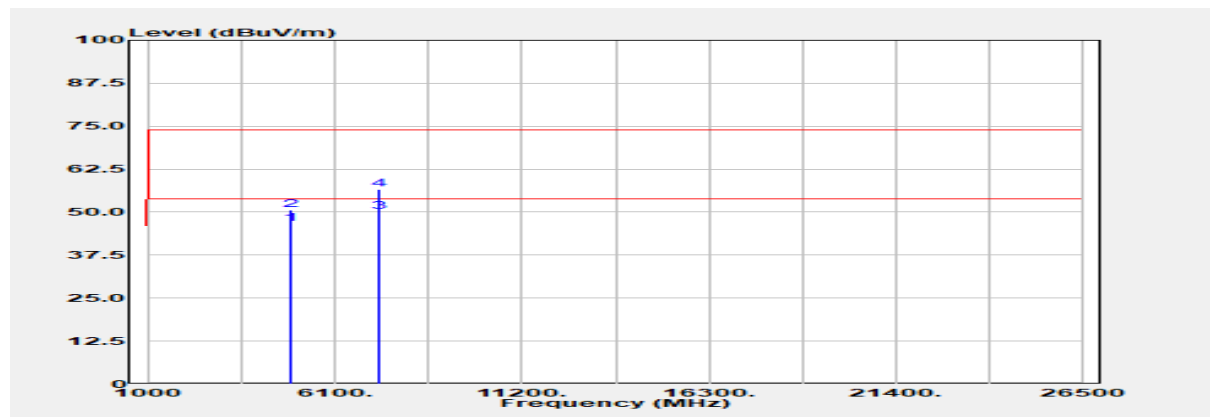
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
| MHz      | Mode     | Reading Level |        | FS     | @3m    |        |
|          | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4874.000 | Average  | 34.13         | 12.61  | 46.74  | 54.00  | -7.26  |
| 4874.000 | Peak     | 37.94         | 12.61  | 50.55  | 74.00  | -23.45 |
| 7311.000 | Average  | 29.56         | 20.68  | 50.25  | 54.00  | -3.75  |
| 7311.000 | Peak     | 36.05         | 20.68  | 56.73  | 74.00  | -17.27 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-09

Test Frequency :2437 MHz

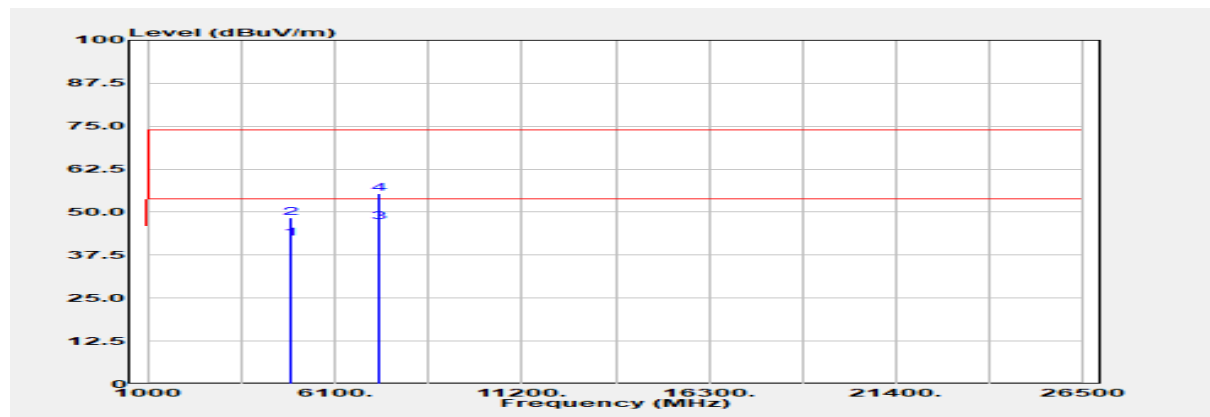
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4874.000 | Average  | 29.71         | 12.61  | 42.32        | 54.00        | -11.68 |
| 4874.000 | Peak     | 35.84         | 12.61  | 48.45        | 74.00        | -25.55 |
| 7311.000 | Average  | 26.53         | 20.68  | 47.21        | 54.00        | -6.79  |
| 7311.000 | Peak     | 34.71         | 20.68  | 55.40        | 74.00        | -18.60 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-09

Test Frequency :2462 MHz

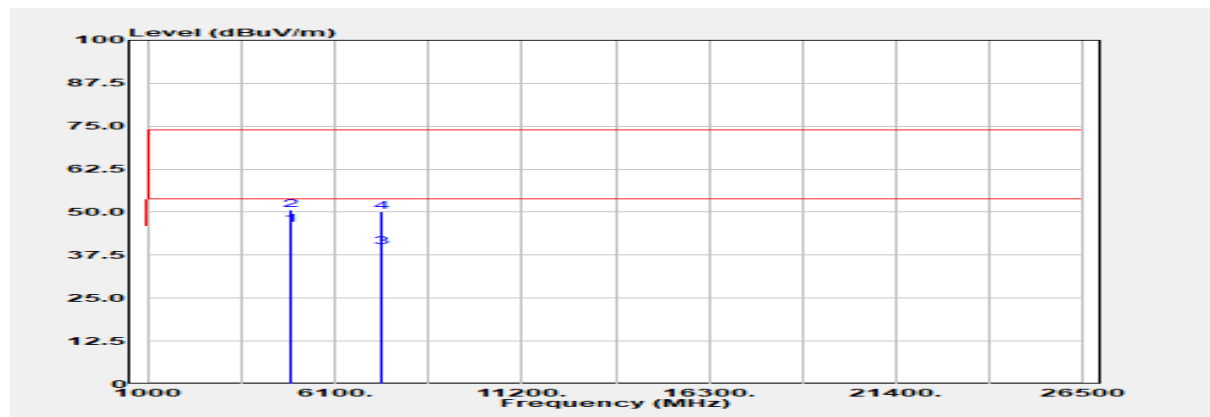
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4924.000 | Average  | 34.03         | 12.40  | 46.43        | 54.00        | -7.57  |
| 4924.000 | Peak     | 38.13         | 12.40  | 50.53        | 74.00        | -23.47 |
| 7386.000 | Average  | 19.02         | 20.72  | 39.74        | 54.00        | -14.26 |
| 7386.000 | Peak     | 29.33         | 20.72  | 50.05        | 74.00        | -23.95 |

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Report Number :TERF2211002513E2

Operation Mode :802.11b

Test Frequency :2462 MHz

Test Mode :Tx

EUT Pol :E2 Plane

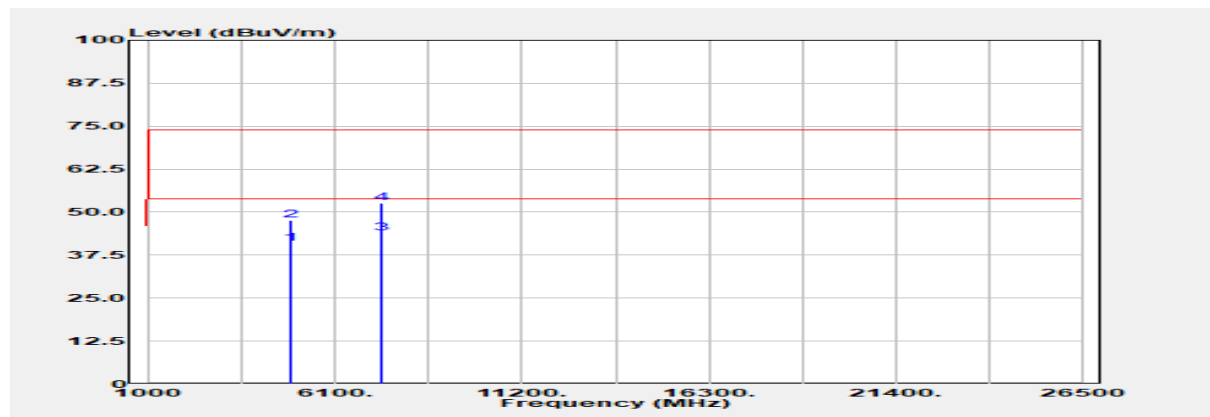
Test Site :SAC C

Test Date :2023-02-09

Temp./Humi. :23.5/65

Antenna Pol. :Horizontal

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
| MHz      | Mode     | Reading Level |        | FS           | @3m          |        |
|          | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4924.000 | Average  | 28.49         | 12.40  | 40.89        | 54.00        | -13.11 |
| 4924.000 | Peak     | 35.28         | 12.40  | 47.68        | 74.00        | -26.32 |
| 7386.000 | Average  | 23.21         | 20.72  | 43.93        | 54.00        | -10.07 |
| 7386.000 | Peak     | 31.89         | 20.72  | 52.61        | 74.00        | -21.39 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-09

Test Frequency :2412 MHz

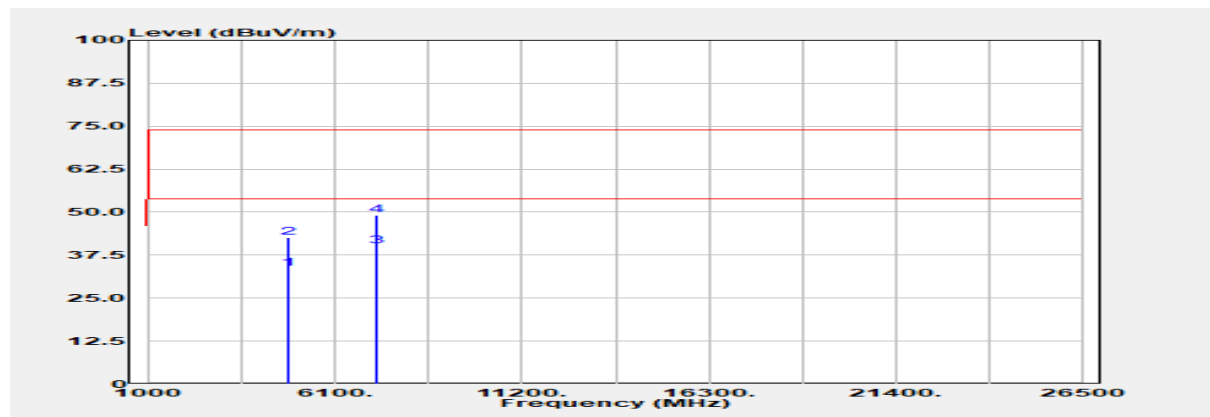
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4824.000 | Average  | 20.98         | 12.55  | 33.53        | 54.00        | -20.47 |
| 4824.000 | Peak     | 30.18         | 12.55  | 42.73        | 74.00        | -31.27 |
| 7236.000 | Average  | 20.10         | 20.09  | 40.18        | 54.00        | -13.82 |
| 7236.000 | Peak     | 29.05         | 20.09  | 49.14        | 74.00        | -24.86 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-09

Test Frequency :2412 MHz

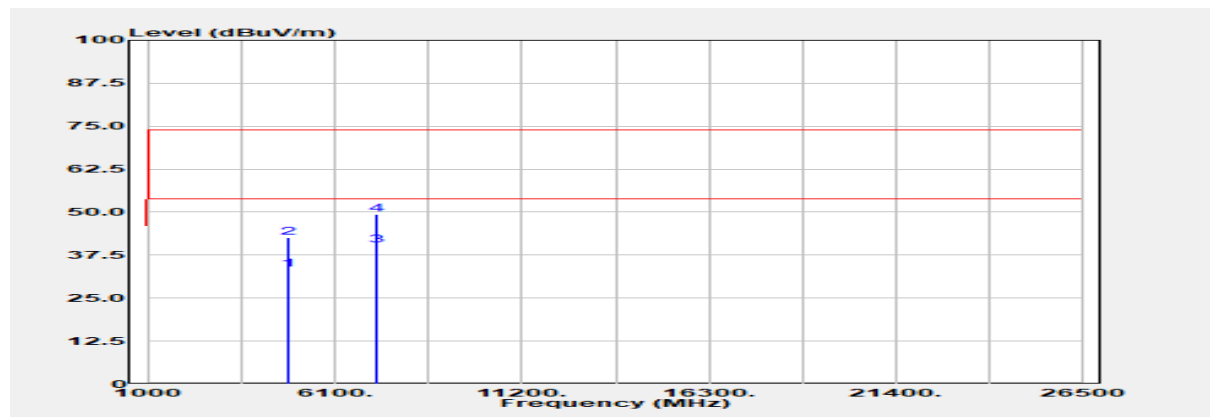
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4824.000 | Average  | 20.76         | 12.55  | 33.31        | 54.00        | -20.69 |
| 4824.000 | Peak     | 30.02         | 12.55  | 42.57        | 74.00        | -31.43 |
| 7236.000 | Average  | 20.18         | 20.09  | 40.26        | 54.00        | -13.74 |
| 7236.000 | Peak     | 29.41         | 20.09  | 49.49        | 74.00        | -24.51 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-09

Test Frequency :2437 MHz

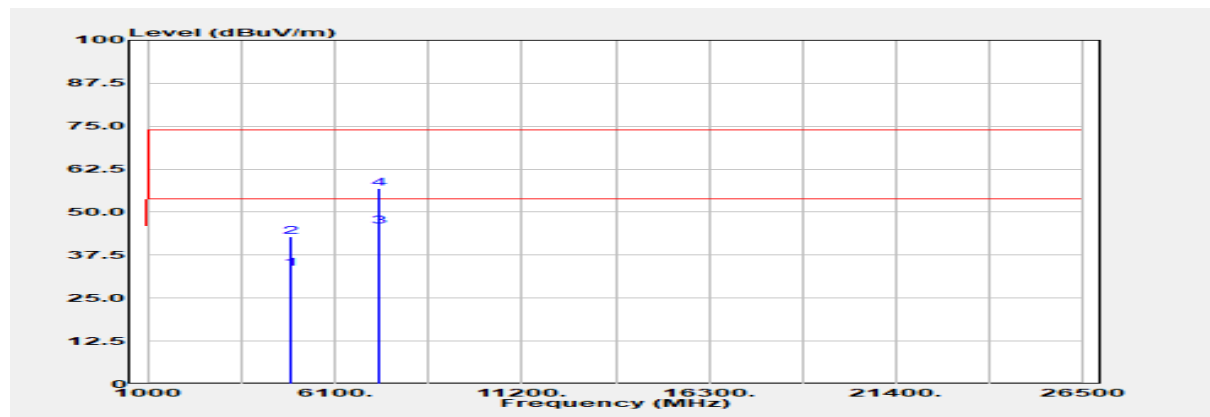
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
|          | Mode     | Reading Level |        | FS     | @3m    |        |
| MHz      | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4874.000 | Average  | 20.99         | 12.61  | 33.59  | 54.00  | -20.41 |
| 4874.000 | Peak     | 30.37         | 12.61  | 42.98  | 74.00  | -31.02 |
| 7311.000 | Average  | 25.08         | 20.68  | 45.76  | 54.00  | -8.24  |
| 7311.000 | Peak     | 36.19         | 20.68  | 56.87  | 74.00  | -17.13 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-09

Test Frequency :2437 MHz

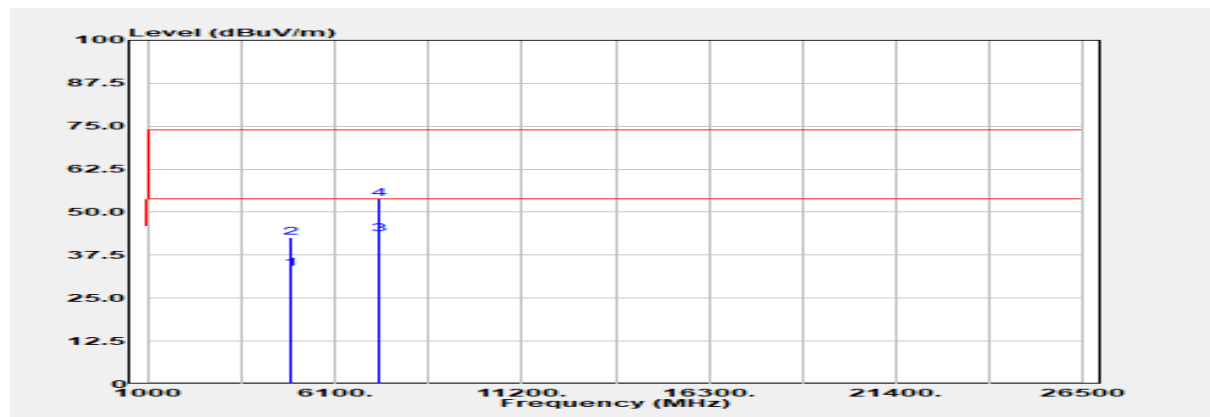
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
| MHz      | Mode     | Reading Level |        | FS     | @3m    |        |
|          | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4874.000 | Average  | 20.91         | 12.61  | 33.52  | 54.00  | -20.48 |
| 4874.000 | Peak     | 29.91         | 12.61  | 42.52  | 74.00  | -31.48 |
| 7311.000 | Average  | 22.98         | 20.68  | 43.67  | 54.00  | -10.33 |
| 7311.000 | Peak     | 33.27         | 20.68  | 53.95  | 74.00  | -20.05 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-09

Test Frequency :2462 MHz

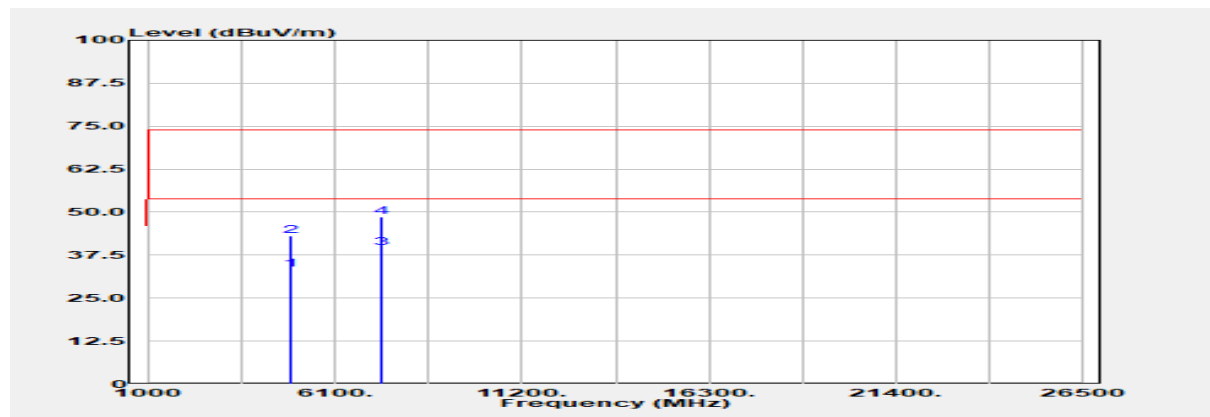
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4924.000 | Average  | 20.99         | 12.40  | 33.39        | 54.00        | -20.61 |
| 4924.000 | Peak     | 30.60         | 12.40  | 43.00        | 74.00        | -31.00 |
| 7386.000 | Average  | 18.90         | 20.72  | 39.62        | 54.00        | -14.38 |
| 7386.000 | Peak     | 27.86         | 20.72  | 48.58        | 74.00        | -25.42 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-09

Test Frequency :2462 MHz

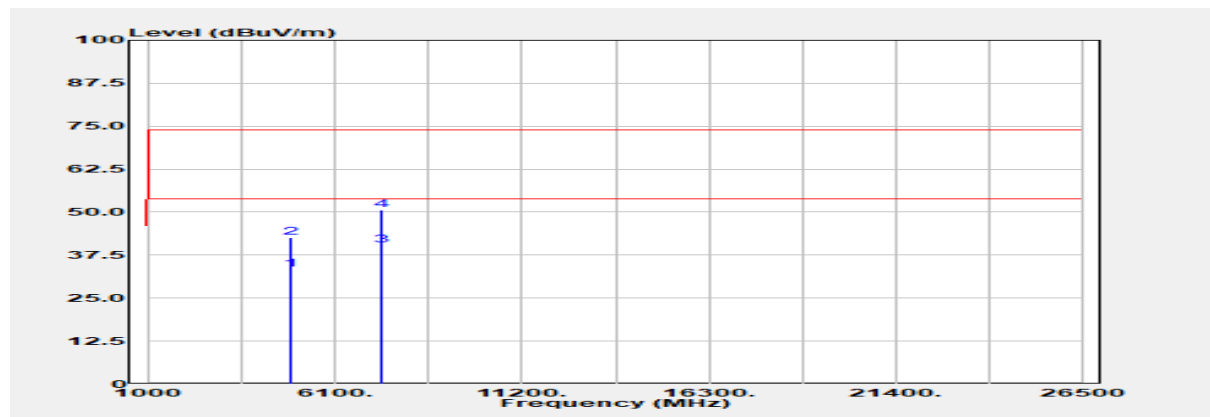
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4924.000 | Average  | 20.94         | 12.40  | 33.34        | 54.00        | -20.66 |
| 4924.000 | Peak     | 30.10         | 12.40  | 42.50        | 74.00        | -31.50 |
| 7386.000 | Average  | 19.56         | 20.72  | 40.27        | 54.00        | -13.73 |
| 7386.000 | Peak     | 29.83         | 20.72  | 50.55        | 74.00        | -23.45 |

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Report Number :TERF2211002513E2

Operation Mode :802.11n20

Test Frequency :2412 MHz

Test Mode :Tx

EUT Pol :E2 Plane

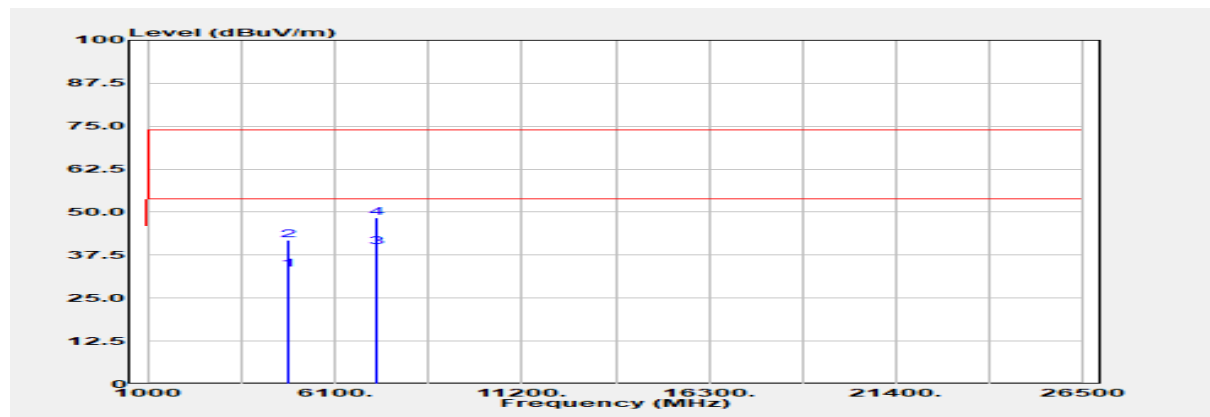
Test Site :SAC C

Test Date :2023-02-09

Temp./Humi. :23.5/65

Antenna Pol. :Vertical

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4824.000 | Average  | 20.88         | 12.55  | 33.42        | 54.00        | -20.58 |
| 4824.000 | Peak     | 29.39         | 12.55  | 41.94        | 74.00        | -32.06 |
| 7236.000 | Average  | 19.77         | 20.09  | 39.85        | 54.00        | -14.15 |
| 7236.000 | Peak     | 28.34         | 20.09  | 48.43        | 74.00        | -25.57 |

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Report Number :TERF2211002513E2

Operation Mode :802.11n20

Test Frequency :2412 MHz

Test Mode :Tx

EUT Pol :E2 Plane

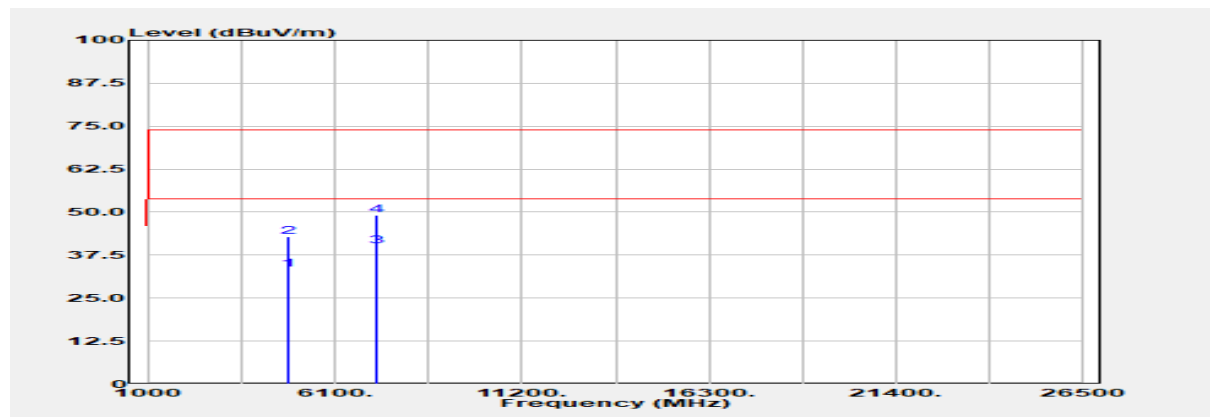
Test Site :SAC C

Test Date :2023-02-09

Temp./Humi. :23.5/65

Antenna Pol. :Horizontal

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
| MHz      | Mode     | Reading Level |        | FS     | @3m    |        |
|          | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4824.000 | Average  | 20.69         | 12.55  | 33.24  | 54.00  | -20.76 |
| 4824.000 | Peak     | 30.23         | 12.55  | 42.78  | 74.00  | -31.22 |
| 7236.000 | Average  | 20.14         | 20.09  | 40.22  | 54.00  | -13.78 |
| 7236.000 | Peak     | 29.09         | 20.09  | 49.18  | 74.00  | -24.82 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-09

Test Frequency :2437 MHz

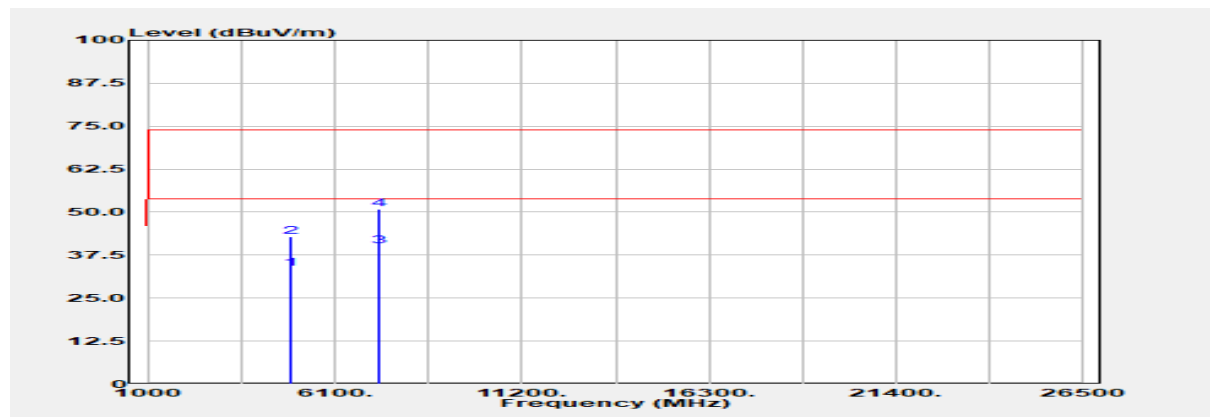
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4874.000 | Average  | 20.89         | 12.61  | 33.50        | 54.00        | -20.50 |
| 4874.000 | Peak     | 30.36         | 12.61  | 42.96        | 74.00        | -31.04 |
| 7311.000 | Average  | 19.32         | 20.68  | 40.00        | 54.00        | -14.00 |
| 7311.000 | Peak     | 30.08         | 20.68  | 50.76        | 74.00        | -23.24 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-09

Test Frequency :2437 MHz

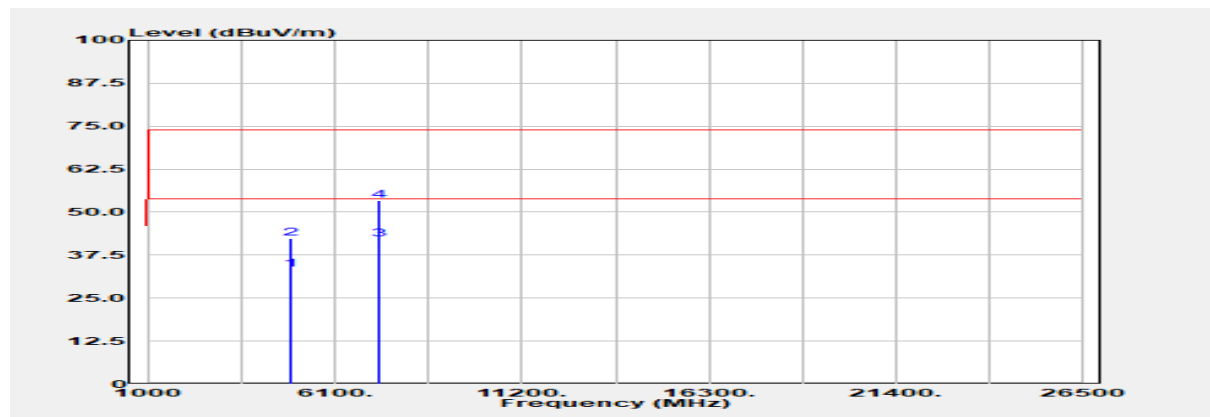
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4874.000 | Average  | 20.77         | 12.61  | 33.38        | 54.00        | -20.62 |
| 4874.000 | Peak     | 29.63         | 12.61  | 42.24        | 74.00        | -31.76 |
| 7311.000 | Average  | 21.51         | 20.68  | 42.19        | 54.00        | -11.81 |
| 7311.000 | Peak     | 32.79         | 20.68  | 53.48        | 74.00        | -20.52 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-09

Test Frequency :2462 MHz

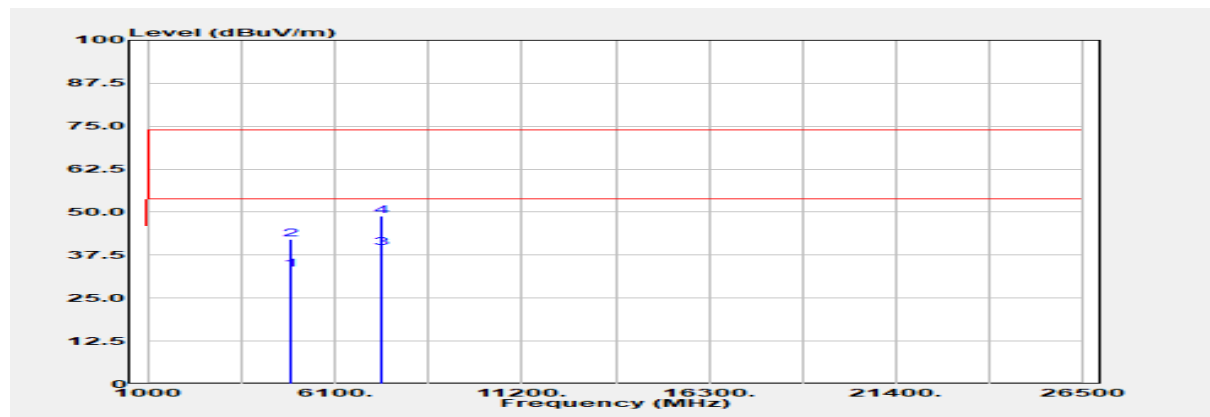
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4924.000 | Average  | 20.97         | 12.40  | 33.37        | 54.00        | -20.63 |
| 4924.000 | Peak     | 29.82         | 12.40  | 42.22        | 74.00        | -31.78 |
| 7386.000 | Average  | 18.76         | 20.72  | 39.48        | 54.00        | -14.52 |
| 7386.000 | Peak     | 28.17         | 20.72  | 48.89        | 74.00        | -25.11 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-09

Test Frequency :2462 MHz

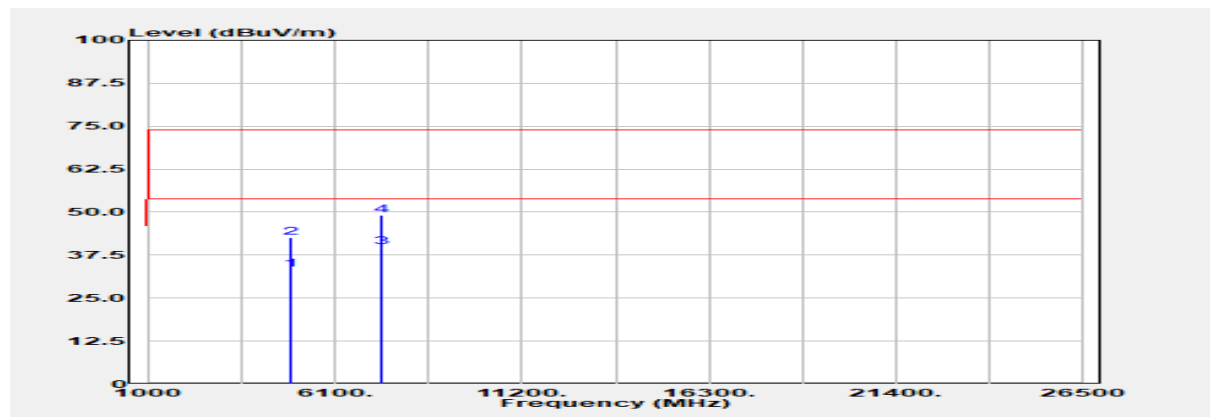
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
| MHz      | Mode     | Reading Level |        | FS           | @3m          |        |
|          | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4924.000 | Average  | 20.96         | 12.40  | 33.36        | 54.00        | -20.64 |
| 4924.000 | Peak     | 30.11         | 12.40  | 42.51        | 74.00        | -31.49 |
| 7386.000 | Average  | 19.20         | 20.72  | 39.92        | 54.00        | -14.08 |
| 7386.000 | Peak     | 28.31         | 20.72  | 49.03        | 74.00        | -24.97 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-09

Test Frequency :2412 MHz

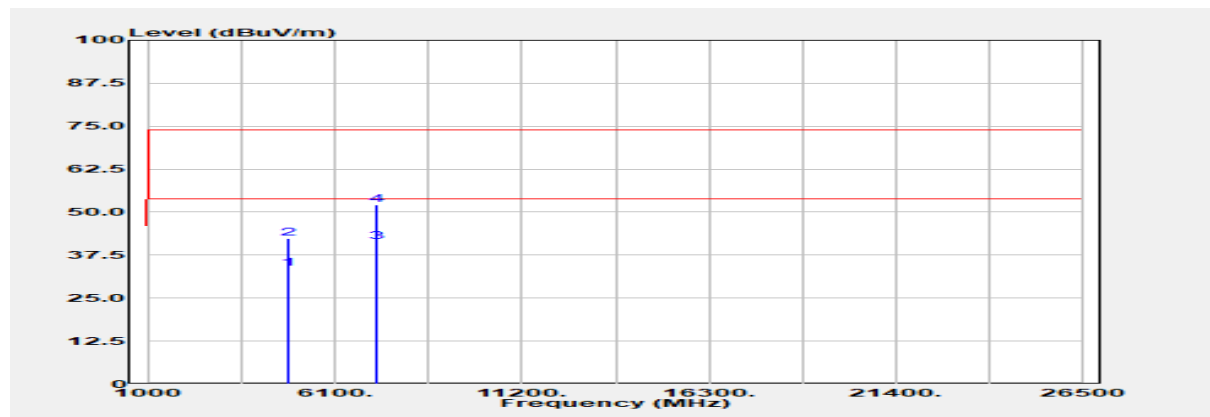
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
|          | Mode     | Reading Level |        | FS     | @3m    |        |
| MHz      | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4824.000 | Average  | 20.92         | 12.55  | 33.47  | 54.00  | -20.53 |
| 4824.000 | Peak     | 29.92         | 12.55  | 42.46  | 74.00  | -31.54 |
| 7236.000 | Average  | 21.24         | 20.09  | 41.33  | 54.00  | -12.67 |
| 7236.000 | Peak     | 31.96         | 20.09  | 52.05  | 74.00  | -21.95 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-09

Test Frequency :2412 MHz

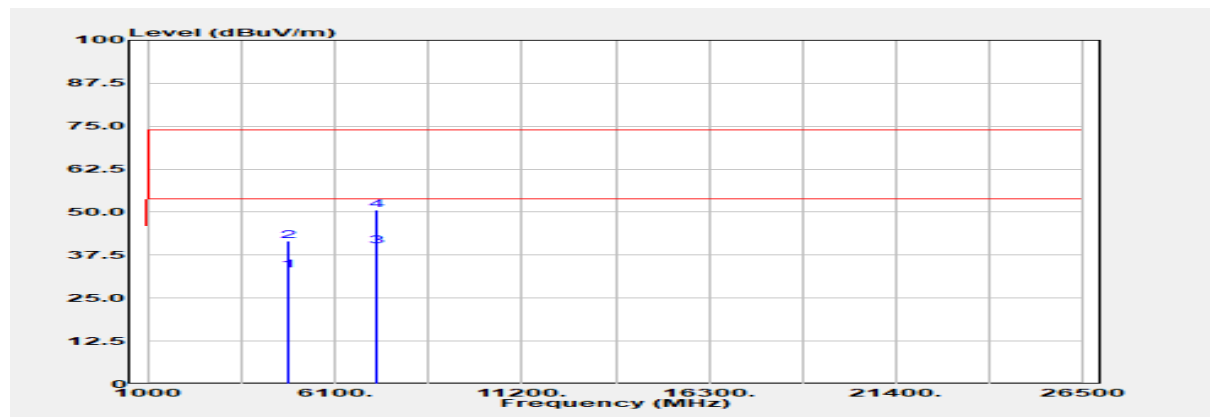
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
| MHz      | Mode     | Reading Level |        | FS     | @3m    |        |
|          | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4824.000 | Average  | 20.58         | 12.55  | 33.12  | 54.00  | -20.88 |
| 4824.000 | Peak     | 29.07         | 12.55  | 41.62  | 74.00  | -32.38 |
| 7236.000 | Average  | 19.97         | 20.09  | 40.05  | 54.00  | -13.95 |
| 7236.000 | Peak     | 30.56         | 20.09  | 50.64  | 74.00  | -23.36 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-09

Test Frequency :2437 MHz

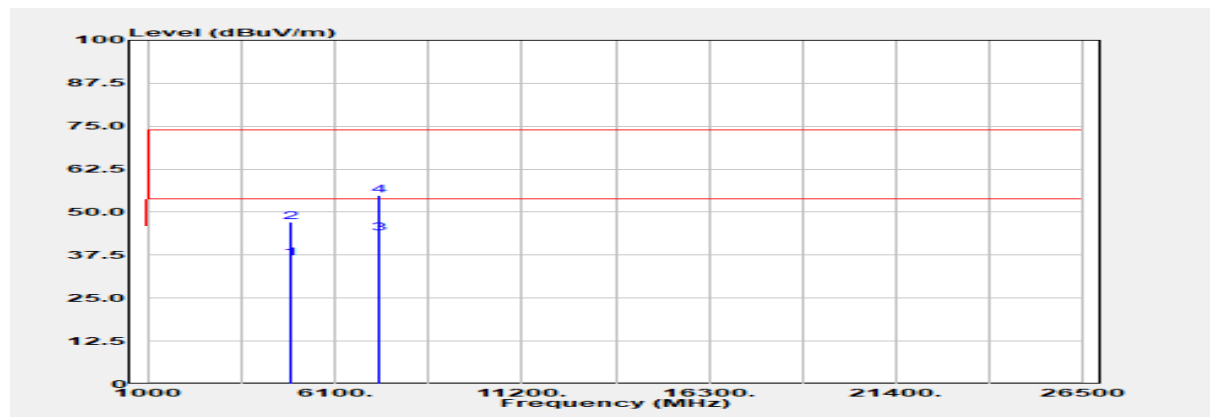
Temp./Humi. :23.5/65

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4874.000 | Average  | 23.90         | 12.61  | 36.51        | 54.00        | -17.49 |
| 4874.000 | Peak     | 34.57         | 12.61  | 47.18        | 74.00        | -26.82 |
| 7311.000 | Average  | 23.11         | 20.68  | 43.79        | 54.00        | -10.21 |
| 7311.000 | Peak     | 34.30         | 20.68  | 54.98        | 74.00        | -19.02 |

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Report Number :TERF2211002513E2

Operation Mode :802.11ax20

Test Frequency :2437 MHz

Test Mode :Tx

EUT Pol :E2 Plane

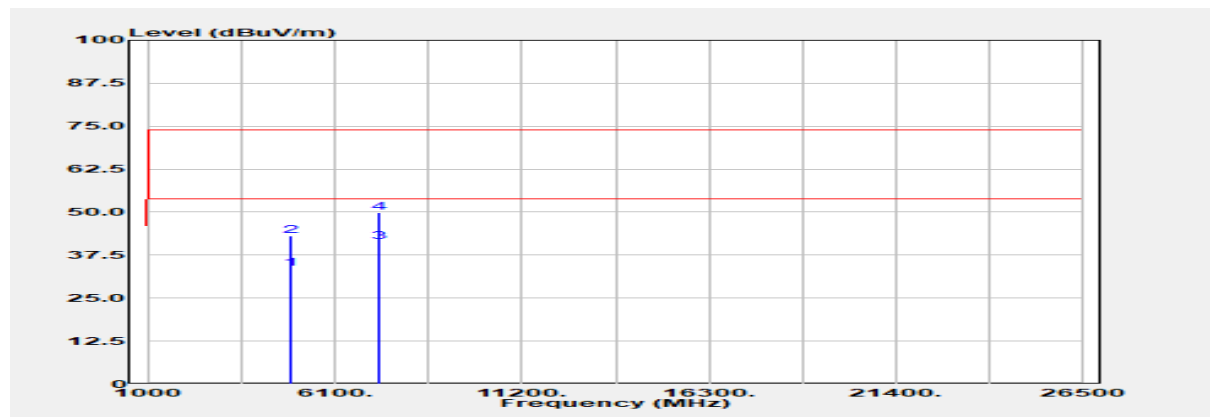
Test Site :SAC C

Test Date :2023-02-09

Temp./Humi. :23.5/65

Antenna Pol. :Horizontal

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
| MHz      | Mode     | Reading Level |        | FS     | @3m    |        |
|          | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4874.000 | Average  | 20.89         | 12.61  | 33.50  | 54.00  | -20.50 |
| 4874.000 | Peak     | 30.60         | 12.61  | 43.21  | 74.00  | -30.79 |
| 7311.000 | Average  | 20.70         | 20.68  | 41.38  | 54.00  | -12.62 |
| 7311.000 | Peak     | 29.08         | 20.68  | 49.76  | 74.00  | -24.24 |

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Report Number :TERF2211002513E2

Operation Mode :802.11ax20

Test Frequency :2462 MHz

Test Mode :Tx

EUT Pol :E2 Plane

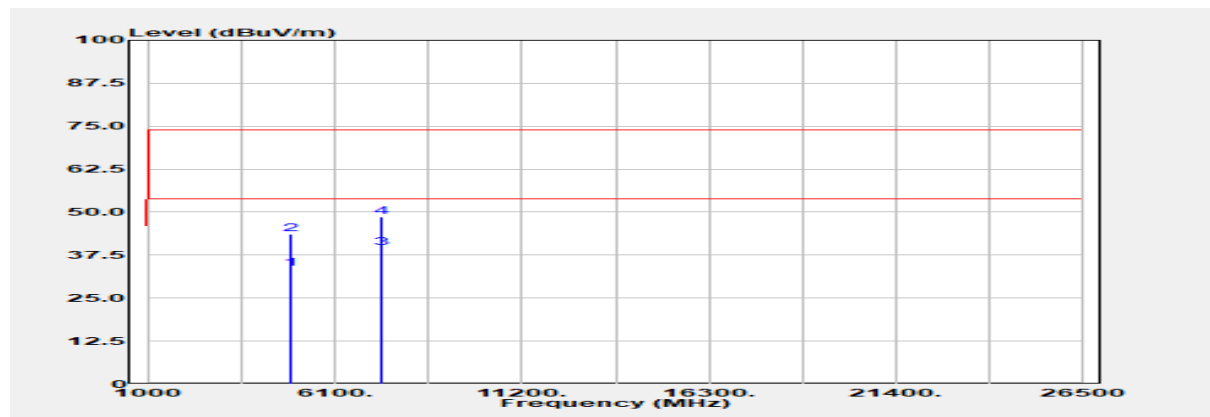
Test Site :SAC C

Test Date :2023-02-09

Temp./Humi. :23.5/65

Antenna Pol. :Vertical

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
| MHz      | Mode     | Reading Level |        | FS     | @3m    |        |
|          | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4924.000 | Average  | 21.08         | 12.40  | 33.48  | 54.00  | -20.52 |
| 4924.000 | Peak     | 31.20         | 12.40  | 43.60  | 74.00  | -30.40 |
| 7386.000 | Average  | 18.84         | 20.72  | 39.56  | 54.00  | -14.44 |
| 7386.000 | Peak     | 27.97         | 20.72  | 48.69  | 74.00  | -25.31 |

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Report Number :TERF2211002513E2

Operation Mode :802.11ax20

Test Frequency :2462 MHz

Test Mode :Tx

EUT Pol :E2 Plane

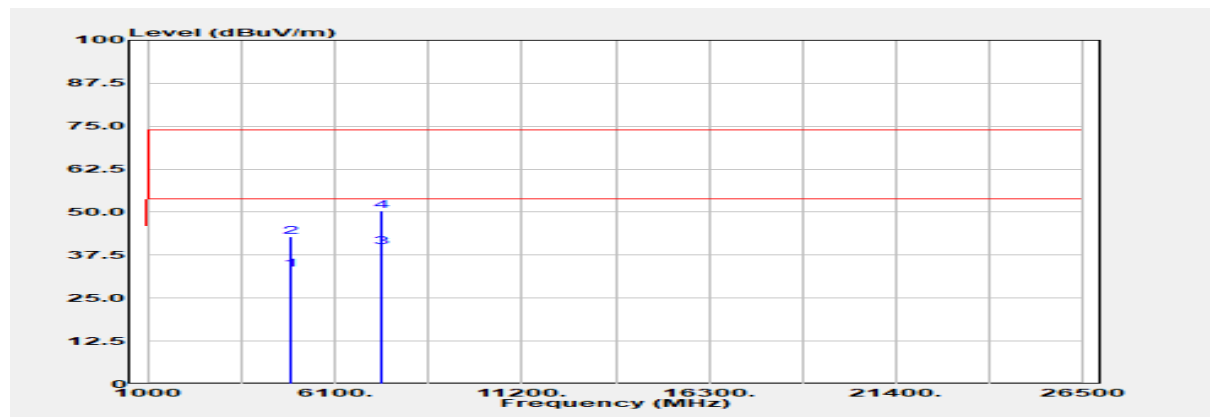
Test Site :SAC C

Test Date :2023-02-09

Temp./Humi. :23.5/65

Antenna Pol. :Horizontal

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
| MHz      | Mode     | Reading Level |        | FS     | @3m    |        |
|          | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4924.000 | Average  | 21.04         | 12.40  | 33.44  | 54.00  | -20.56 |
| 4924.000 | Peak     | 30.44         | 12.40  | 42.84  | 74.00  | -31.16 |
| 7386.000 | Average  | 19.10         | 20.72  | 39.82  | 54.00  | -14.18 |
| 7386.000 | Peak     | 29.62         | 20.72  | 50.34  | 74.00  | -23.66 |

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## ANT0(dipole)

Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-13

Test Frequency :2437 MHz

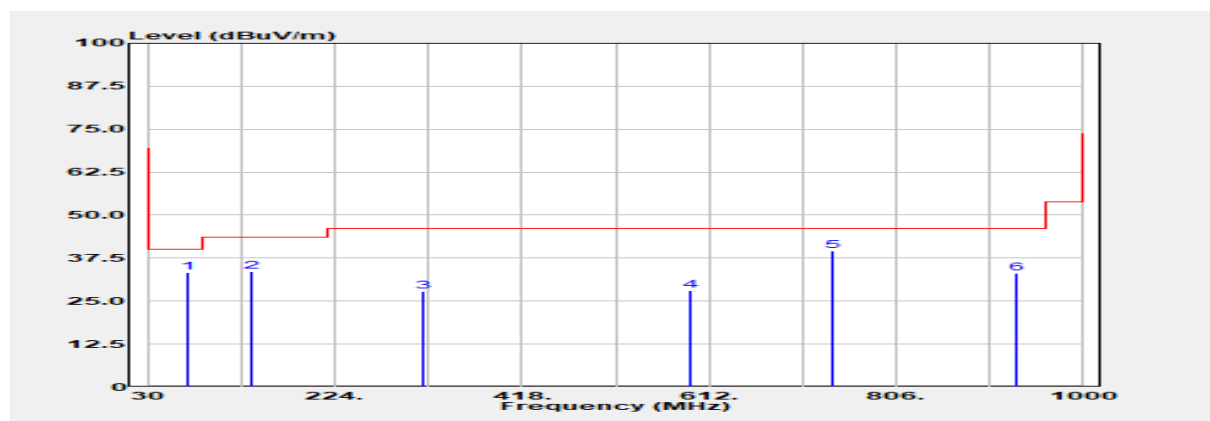
Temp./Humi. :22.1/72

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



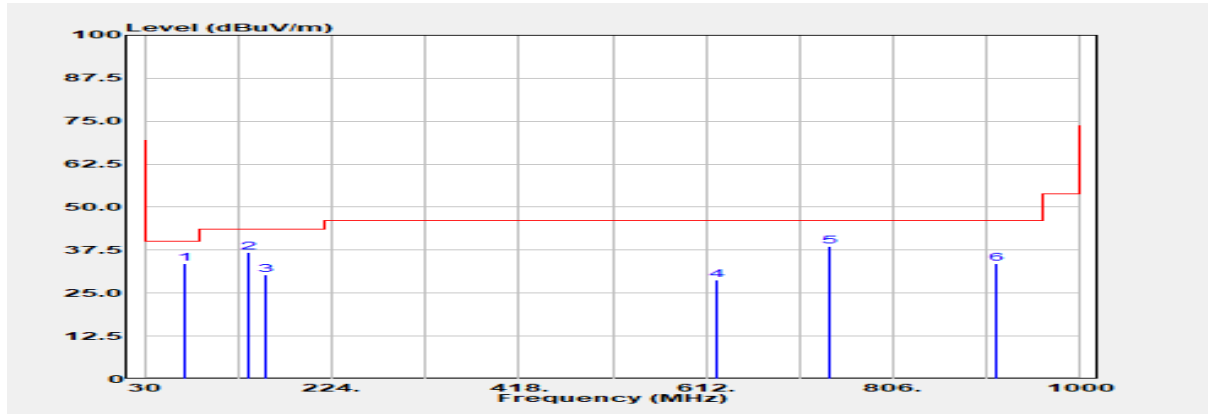
| Freq.   | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|---------|----------|---------------|--------|--------|--------|--------|
| MHz     | Mode     | Reading Level |        | FS     | @3m    |        |
| MHz     | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 71.710  | Peak     | 48.52         | -15.22 | 33.30  | 40.00  | -6.70  |
| 137.670 | Peak     | 46.45         | -12.98 | 33.47  | 43.50  | -10.03 |
| 315.180 | Peak     | 38.47         | -10.67 | 27.81  | 46.00  | -18.20 |
| 591.630 | Peak     | 31.42         | -3.34  | 28.08  | 46.00  | -17.92 |
| 741.010 | Peak     | 40.15         | -0.56  | 39.59  | 46.00  | -6.41  |
| 931.130 | Peak     | 29.69         | 3.33   | 33.03  | 46.00  | -12.97 |

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Report Number :TERF2211002513E2  
Operation Mode :802.11g  
Test Frequency :2437 MHz  
Test Mode :Tx  
EUT Pol :E2 Plane

Test Site :SAC C  
Test Date :2023-02-13  
Temp./Humi. :22.1/72  
Antenna Pol. :Horizontal  
Engineer :Andy Wang



| Freq.   | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|---------|----------|---------------|--------|--------|--------|--------|
|         | Mode     | Reading Level |        | FS     | @3m    |        |
| MHz     | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 72.680  | Peak     | 49.16         | -15.52 | 33.64  | 40.00  | -6.36  |
| 137.670 | Peak     | 49.73         | -12.98 | 36.75  | 43.50  | -6.75  |
| 155.130 | Peak     | 42.29         | -11.89 | 30.40  | 43.50  | -13.10 |
| 623.640 | Peak     | 31.14         | -2.29  | 28.85  | 46.00  | -17.15 |
| 740.040 | Peak     | 39.18         | -0.57  | 38.61  | 46.00  | -7.39  |
| 912.700 | Peak     | 30.45         | 3.16   | 33.61  | 46.00  | -12.39 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-13

Test Frequency :2437 MHz

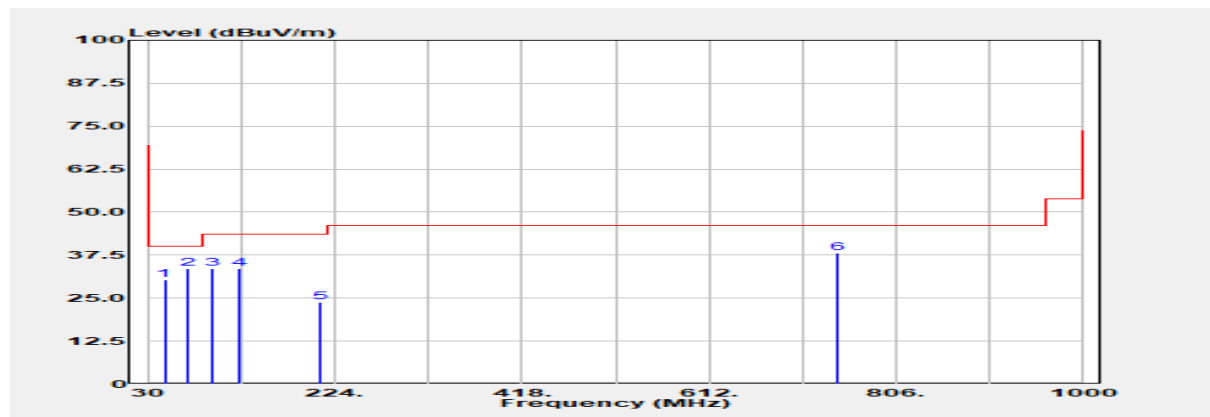
Temp./Humi. :22.1/72

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.   | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|---------|----------|---------------|--------|--------|--------|--------|
|         | Mode     | Reading Level |        | FS     | @3m    |        |
| MHz     | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 47.460  | Peak     | 43.36         | -12.99 | 30.37  | 40.00  | -9.63  |
| 71.710  | Peak     | 48.86         | -15.22 | 33.65  | 40.00  | -6.35  |
| 97.900  | Peak     | 51.15         | -17.53 | 33.62  | 43.50  | -9.88  |
| 125.060 | Peak     | 48.03         | -14.49 | 33.54  | 43.50  | -9.96  |
| 208.480 | Peak     | 39.38         | -15.65 | 23.72  | 43.50  | -19.78 |
| 744.890 | Peak     | 38.49         | -0.51  | 37.98  | 46.00  | -8.02  |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-13

Test Frequency :2437 MHz

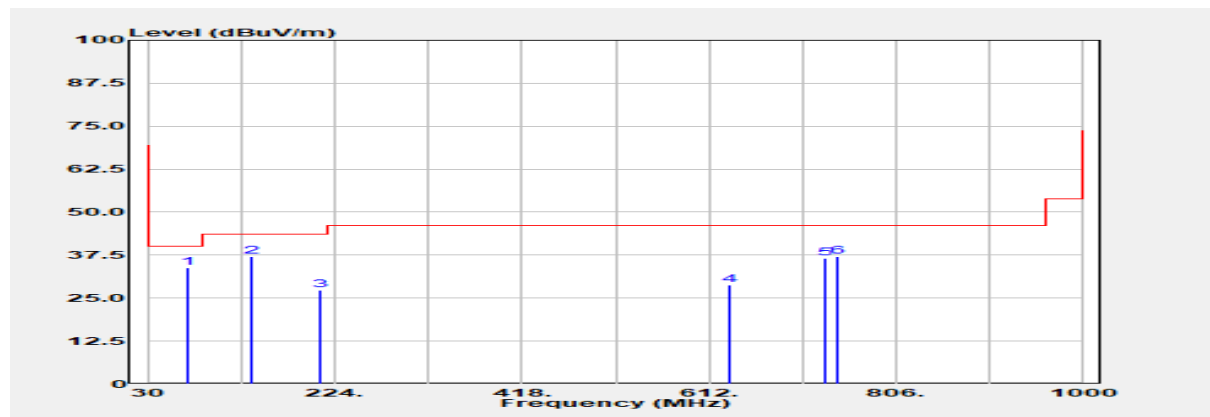
Temp./Humi. :22.1/72

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.   | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|---------|----------|---------------|--------|--------|--------|--------|
| MHz     | Mode     | Reading Level |        | FS     | @3m    |        |
|         | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 71.710  | Peak     | 48.95         | -15.22 | 33.73  | 40.00  | -6.27  |
| 136.700 | Peak     | 50.25         | -13.05 | 37.20  | 43.50  | -6.30  |
| 209.450 | Peak     | 42.92         | -15.62 | 27.30  | 43.50  | -16.20 |
| 633.340 | Peak     | 30.23         | -1.53  | 28.71  | 46.00  | -17.29 |
| 733.250 | Peak     | 36.94         | -0.45  | 36.50  | 46.00  | -9.50  |
| 745.860 | Peak     | 37.67         | -0.56  | 37.11  | 46.00  | -8.89  |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-06

Test Frequency :2412 MHz

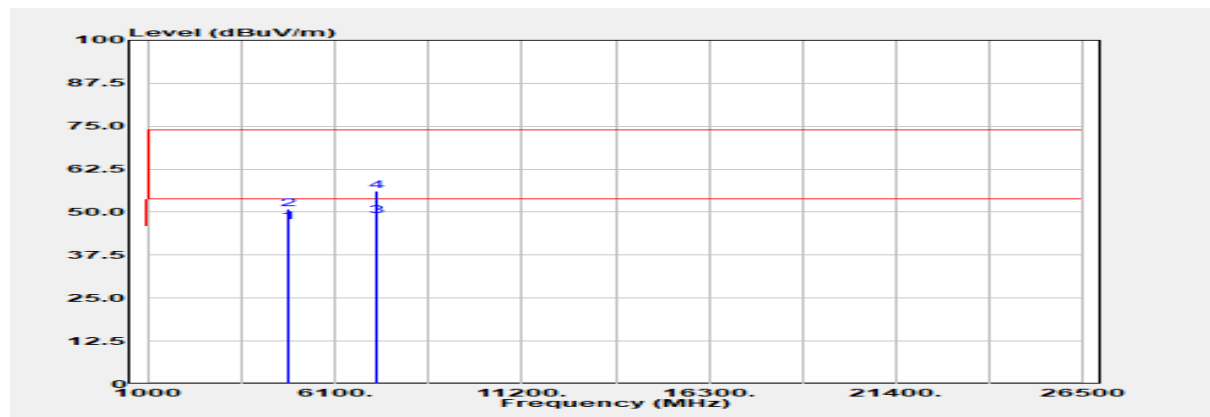
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4824.000 | Average  | 34.61         | 12.55  | 47.16        | 54.00        | -6.84  |
| 4824.000 | Peak     | 38.21         | 12.55  | 50.76        | 74.00        | -23.24 |
| 7236.000 | Average  | 28.71         | 20.09  | 48.79        | 54.00        | -5.21  |
| 7236.000 | Peak     | 36.15         | 20.09  | 56.24        | 74.00        | -17.76 |

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Report Number :TERF2211002513E2

Operation Mode :802.11b

Test Frequency :2412 MHz

Test Mode :Tx

EUT Pol :E2 Plane

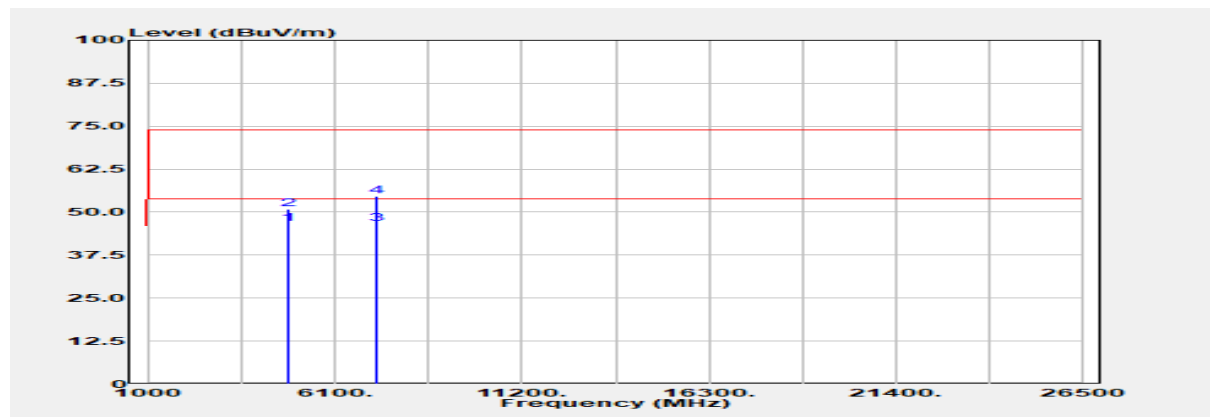
Test Site :SAC C

Test Date :2023-02-06

Temp./Humi. :25.9/62

Antenna Pol. :Horizontal

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
|          | Mode     | Reading Level |        | FS     | @3m    |        |
| MHz      | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4824.000 | Average  | 33.94         | 12.55  | 46.49  | 54.00  | -7.51  |
| 4824.000 | Peak     | 38.21         | 12.55  | 50.76  | 74.00  | -23.24 |
| 7236.000 | Average  | 26.54         | 20.09  | 46.63  | 54.00  | -7.37  |
| 7236.000 | Peak     | 34.44         | 20.09  | 54.52  | 74.00  | -19.48 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-06

Test Frequency :2437 MHz

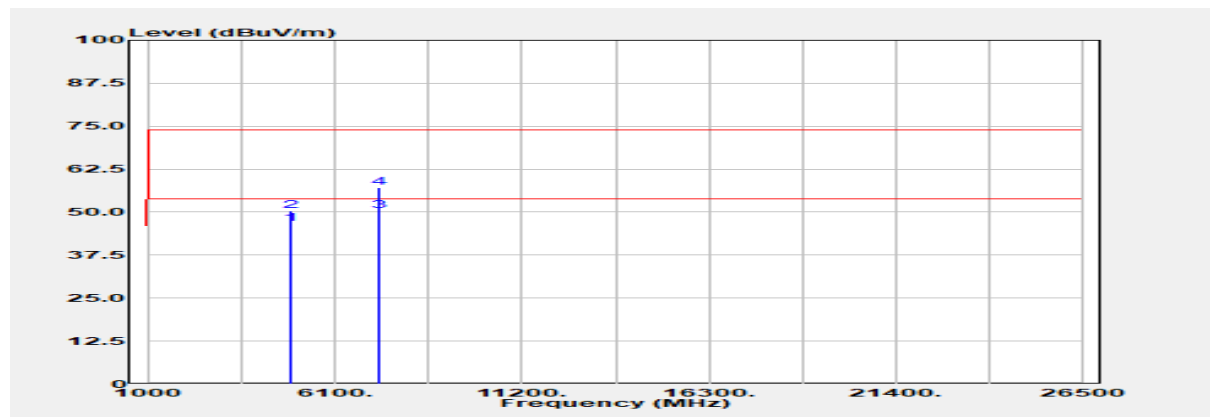
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
| MHz      | Mode     | Reading Level |        | FS           | @3m          |        |
|          | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4874.000 | Average  | 33.93         | 12.61  | 46.53        | 54.00        | -7.47  |
| 4874.000 | Peak     | 37.67         | 12.61  | 50.28        | 74.00        | -23.72 |
| 7311.000 | Average  | 29.70         | 20.68  | 50.38        | 54.00        | -3.62  |
| 7311.000 | Peak     | 36.35         | 20.68  | 57.03        | 74.00        | -16.97 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-06

Test Frequency :2437 MHz

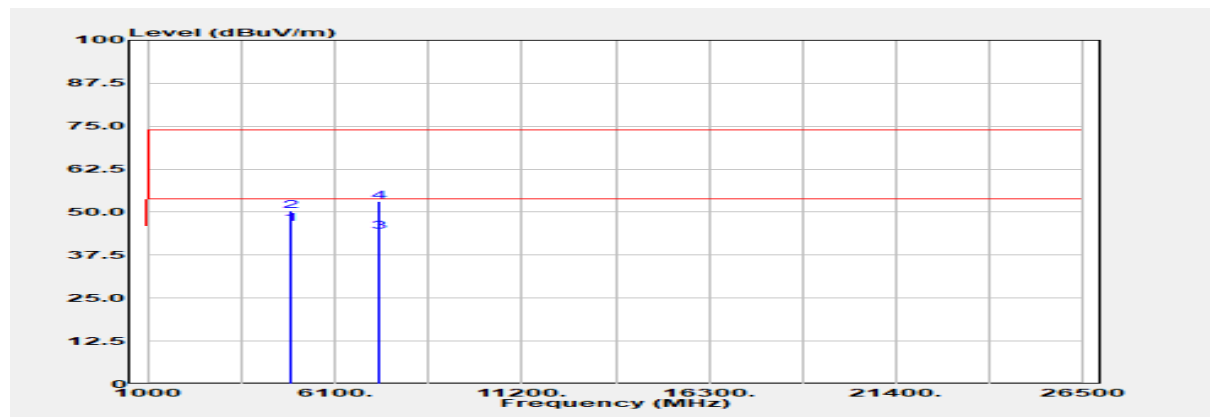
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4874.000 | Average  | 33.91         | 12.61  | 46.52        | 54.00        | -7.48  |
| 4874.000 | Peak     | 37.80         | 12.61  | 50.40        | 74.00        | -23.60 |
| 7311.000 | Average  | 23.65         | 20.68  | 44.33        | 54.00        | -9.67  |
| 7311.000 | Peak     | 32.57         | 20.68  | 53.26        | 74.00        | -20.74 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11b

Test Date :2023-02-06

Test Frequency :2462 MHz

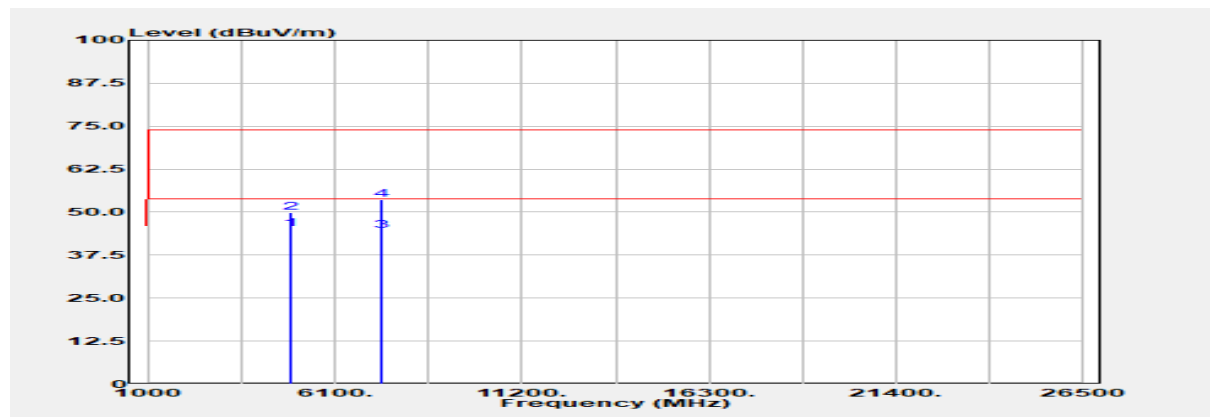
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
| MHz      | Mode     | Reading Level |        | FS     | @3m    |        |
|          | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4924.000 | Average  | 32.72         | 12.40  | 45.12  | 54.00  | -8.88  |
| 4924.000 | Peak     | 37.38         | 12.40  | 49.78  | 74.00  | -24.22 |
| 7386.000 | Average  | 23.81         | 20.72  | 44.53  | 54.00  | -9.47  |
| 7386.000 | Peak     | 32.82         | 20.72  | 53.54  | 74.00  | -20.46 |

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Report Number :TERF2211002513E2

Operation Mode :802.11b

Test Frequency :2462 MHz

Test Mode :Tx

EUT Pol :E2 Plane

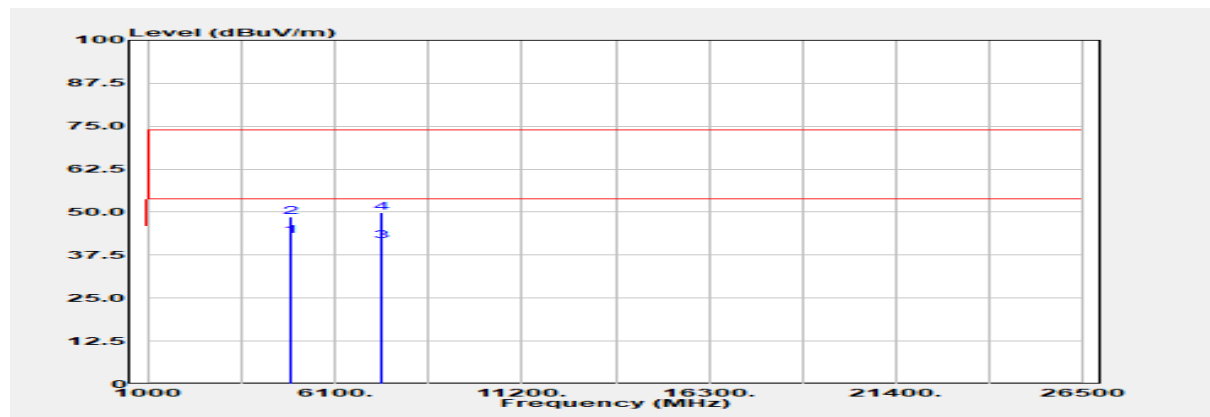
Test Site :SAC C

Test Date :2023-02-06

Temp./Humi. :25.9/62

Antenna Pol. :Horizontal

Engineer :Andy Wang



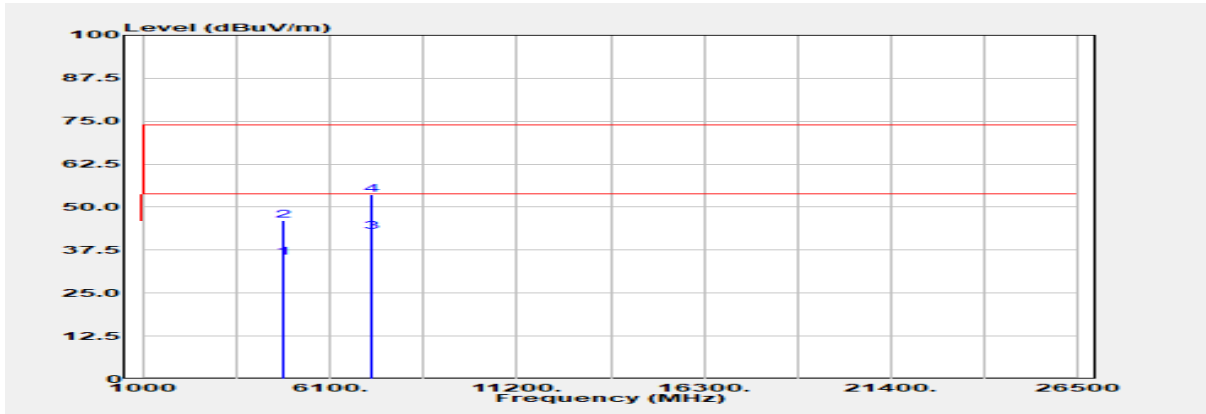
| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
| MHz      | Mode     | Reading Level |        | FS           | @3m          |        |
|          | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4924.000 | Average  | 30.78         | 12.40  | 43.18        | 54.00        | -10.82 |
| 4924.000 | Peak     | 36.11         | 12.40  | 48.51        | 74.00        | -25.49 |
| 7386.000 | Average  | 20.88         | 20.72  | 41.59        | 54.00        | -12.41 |
| 7386.000 | Peak     | 29.05         | 20.72  | 49.77        | 74.00        | -24.23 |

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Report Number :TERF2211002513E2  
Operation Mode :802.11g  
Test Frequency :2412 MHz  
Test Mode :Tx  
EUT Pol :E2 Plane

Test Site :SAC C  
Test Date :2023-02-06  
Temp./Humi. :25.9/62  
Antenna Pol. :Vertical  
Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
| MHz      | Mode     | Reading Level |        | FS           | @3m          |        |
|          | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4824.000 | Average  | 22.78         | 12.55  | 35.32        | 54.00        | -18.68 |
| 4824.000 | Peak     | 33.46         | 12.55  | 46.01        | 74.00        | -27.99 |
| 7236.000 | Average  | 22.71         | 20.09  | 42.80        | 54.00        | -11.20 |
| 7236.000 | Peak     | 33.52         | 20.09  | 53.60        | 74.00        | -20.40 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-06

Test Frequency :2412 MHz

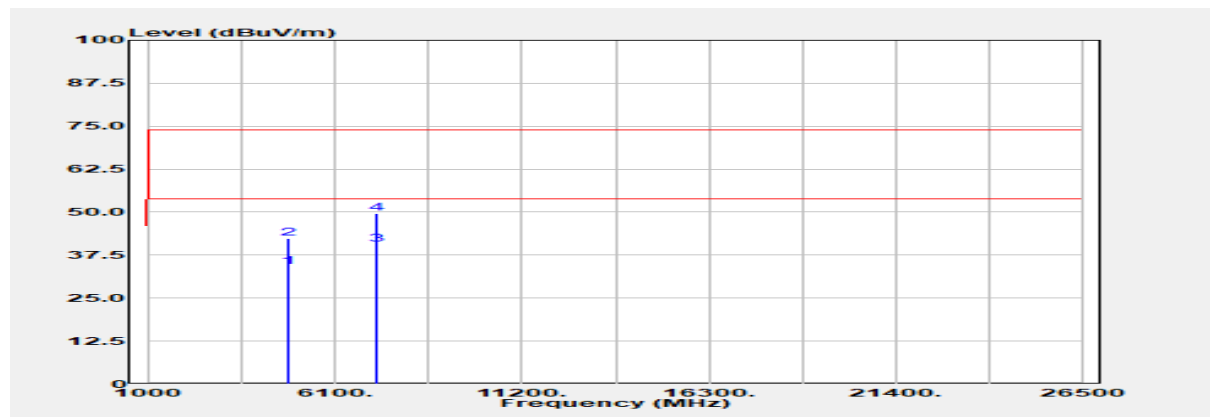
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
|          | Mode     | Reading Level |        | FS     | @3m    |        |
| MHz      | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4824.000 | Average  | 21.48         | 12.55  | 34.03  | 54.00  | -19.97 |
| 4824.000 | Peak     | 29.83         | 12.55  | 42.38  | 74.00  | -31.62 |
| 7236.000 | Average  | 20.58         | 20.09  | 40.66  | 54.00  | -13.34 |
| 7236.000 | Peak     | 29.52         | 20.09  | 49.61  | 74.00  | -24.39 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-06

Test Frequency :2437 MHz

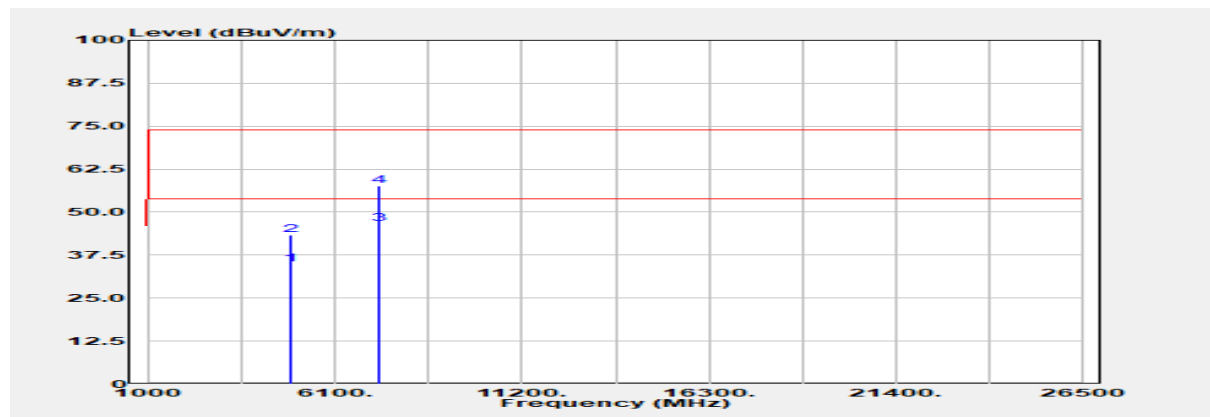
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
| MHz      | Mode     | Reading Level |        | FS     | @3m    |        |
|          | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4874.000 | Average  | 22.16         | 12.61  | 34.76  | 54.00  | -19.24 |
| 4874.000 | Peak     | 30.87         | 12.61  | 43.48  | 74.00  | -30.52 |
| 7311.000 | Average  | 25.94         | 20.68  | 46.62  | 54.00  | -7.38  |
| 7311.000 | Peak     | 37.06         | 20.68  | 57.74  | 74.00  | -16.26 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-06

Test Frequency :2437 MHz

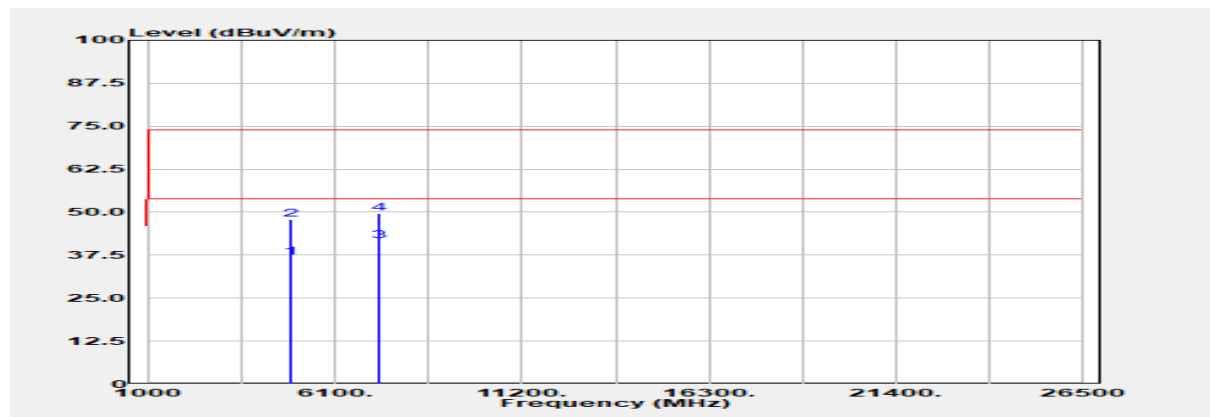
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
| MHz      | Mode     | Reading Level |        | FS     | @3m    |        |
|          | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4874.000 | Average  | 24.24         | 12.61  | 36.84  | 54.00  | -17.16 |
| 4874.000 | Peak     | 35.26         | 12.61  | 47.87  | 74.00  | -26.13 |
| 7311.000 | Average  | 20.83         | 20.68  | 41.52  | 54.00  | -12.48 |
| 7311.000 | Peak     | 29.00         | 20.68  | 49.69  | 74.00  | -24.31 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-06

Test Frequency :2462 MHz

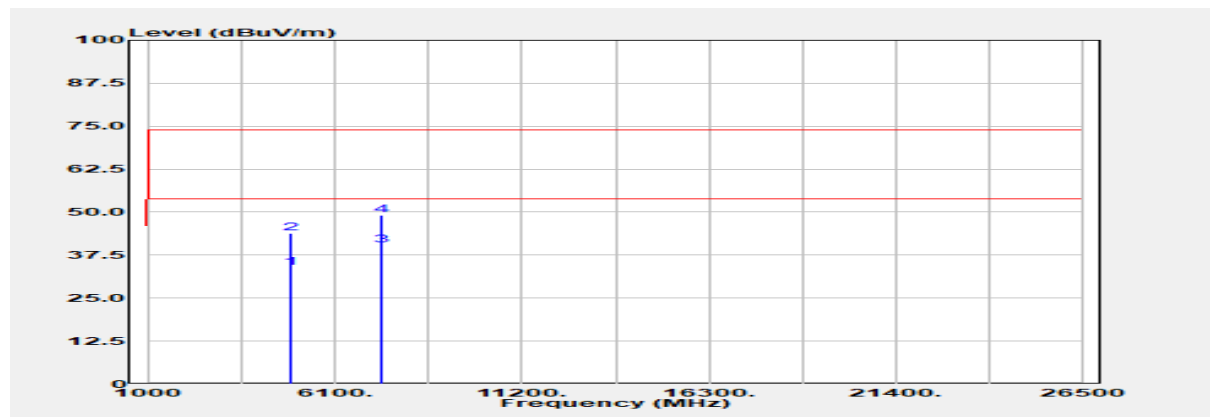
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
|          | Mode     | Reading Level |        | FS     | @3m    |        |
| MHz      | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4924.000 | Average  | 21.35         | 12.40  | 33.75  | 54.00  | -20.25 |
| 4924.000 | Peak     | 31.35         | 12.40  | 43.75  | 74.00  | -30.25 |
| 7386.000 | Average  | 19.52         | 20.72  | 40.24  | 54.00  | -13.76 |
| 7386.000 | Peak     | 28.35         | 20.72  | 49.07  | 74.00  | -24.93 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11g

Test Date :2023-02-06

Test Frequency :2462 MHz

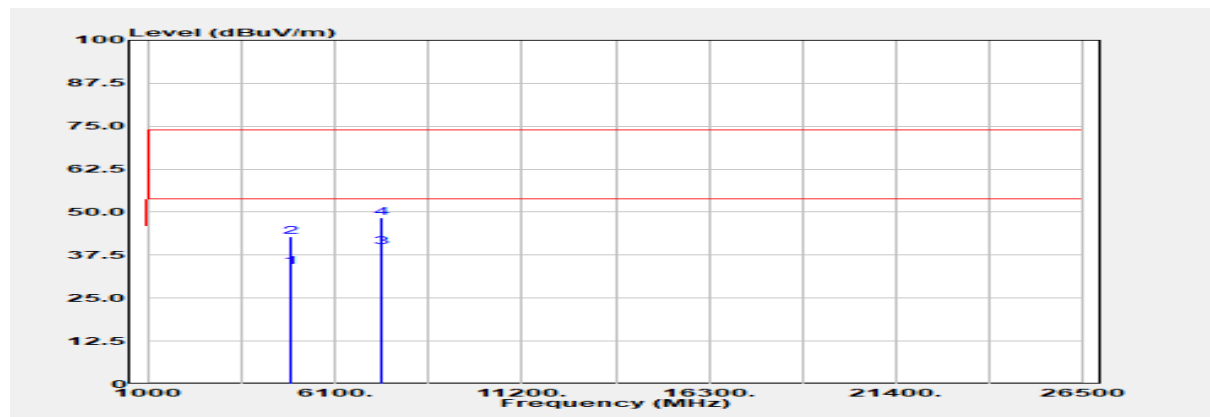
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4924.000 | Average  | 21.74         | 12.40  | 34.14        | 54.00        | -19.86 |
| 4924.000 | Peak     | 30.35         | 12.40  | 42.75        | 74.00        | -31.25 |
| 7386.000 | Average  | 19.19         | 20.72  | 39.91        | 54.00        | -14.09 |
| 7386.000 | Peak     | 27.54         | 20.72  | 48.25        | 74.00        | -25.75 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-06

Test Frequency :2412 MHz

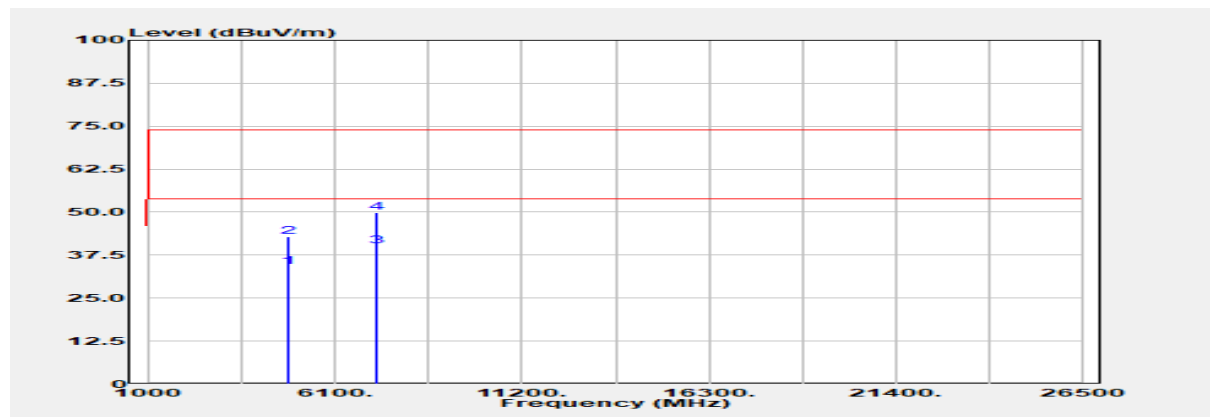
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
|          | Mode     | Reading Level |        | FS     | @3m    |        |
| MHz      | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4824.000 | Average  | 21.49         | 12.55  | 34.04  | 54.00  | -19.96 |
| 4824.000 | Peak     | 30.19         | 12.55  | 42.73  | 74.00  | -31.27 |
| 7236.000 | Average  | 20.07         | 20.09  | 40.15  | 54.00  | -13.85 |
| 7236.000 | Peak     | 29.75         | 20.09  | 49.84  | 74.00  | -24.16 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-06

Test Frequency :2412 MHz

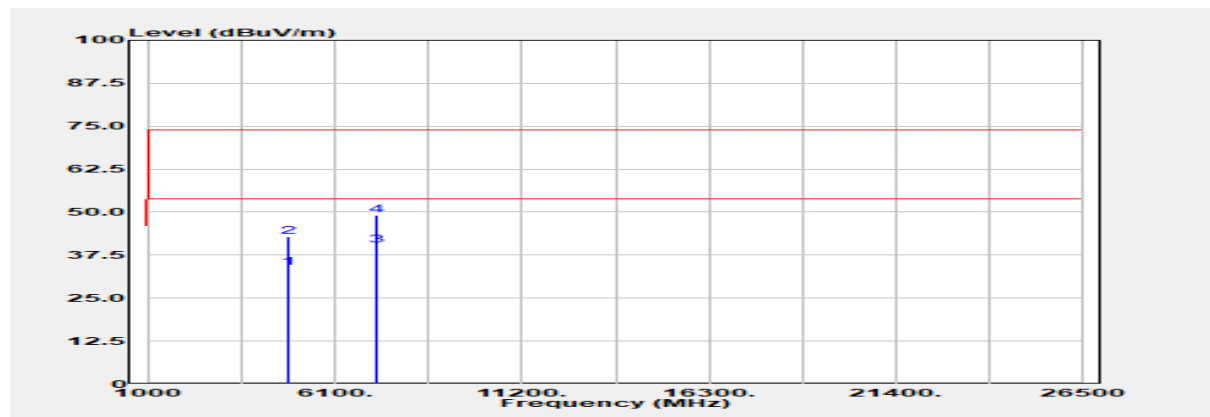
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
|          | Mode     | Reading Level |        | FS     | @3m    |        |
| MHz      | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4824.000 | Average  | 21.30         | 12.55  | 33.84  | 54.00  | -20.16 |
| 4824.000 | Peak     | 30.19         | 12.55  | 42.74  | 74.00  | -31.26 |
| 7236.000 | Average  | 20.29         | 20.09  | 40.38  | 54.00  | -13.62 |
| 7236.000 | Peak     | 29.14         | 20.09  | 49.23  | 74.00  | -24.77 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-06

Test Frequency :2437 MHz

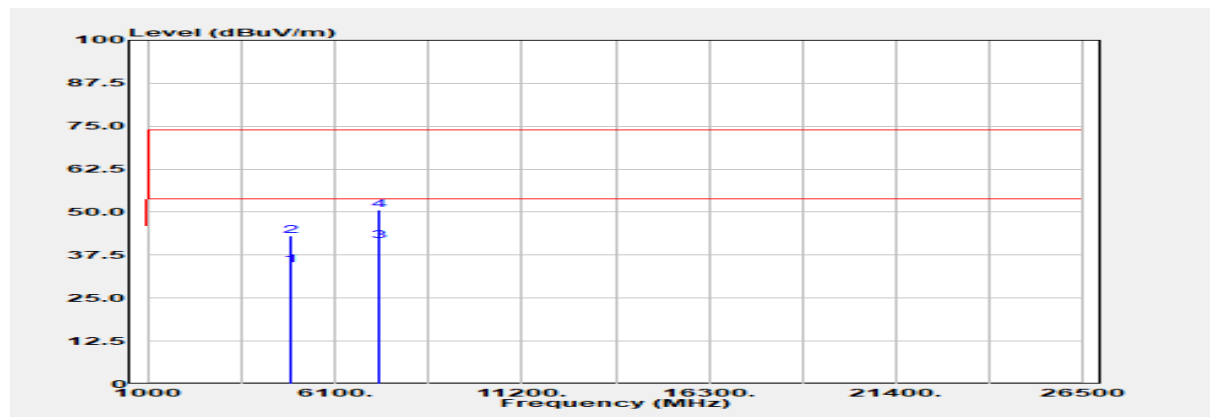
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
| MHz      | Mode     | Reading Level |        | FS     | @3m    |        |
|          | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4874.000 | Average  | 21.91         | 12.61  | 34.52  | 54.00  | -19.48 |
| 4874.000 | Peak     | 30.53         | 12.61  | 43.14  | 74.00  | -30.86 |
| 7311.000 | Average  | 20.89         | 20.68  | 41.57  | 54.00  | -12.43 |
| 7311.000 | Peak     | 30.00         | 20.68  | 50.68  | 74.00  | -23.32 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-06

Test Frequency :2437 MHz

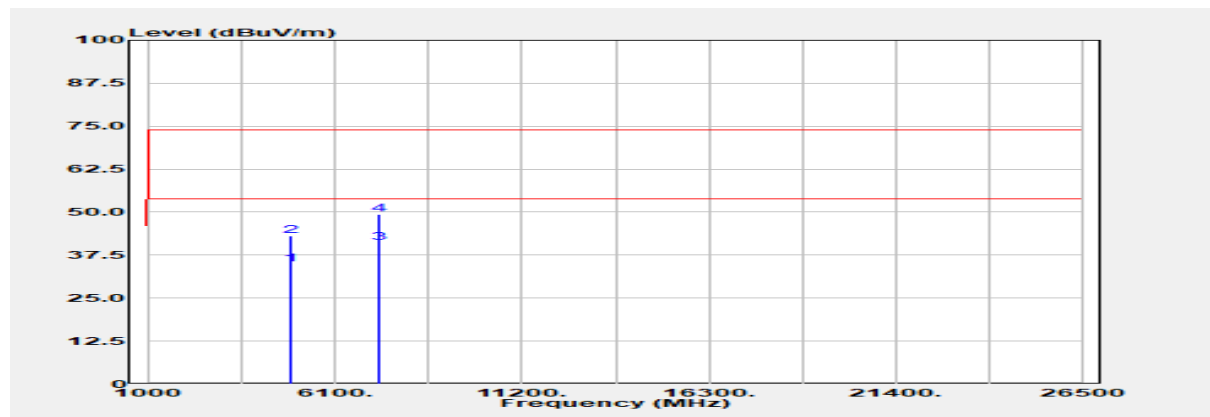
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
| MHz      | Mode     | Reading Level |        | FS           | @3m          |        |
|          | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4874.000 | Average  | 22.25         | 12.61  | 34.86        | 54.00        | -19.14 |
| 4874.000 | Peak     | 30.54         | 12.61  | 43.15        | 74.00        | -30.85 |
| 7311.000 | Average  | 20.52         | 20.68  | 41.21        | 54.00        | -12.79 |
| 7311.000 | Peak     | 28.65         | 20.68  | 49.33        | 74.00        | -24.67 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-06

Test Frequency :2462 MHz

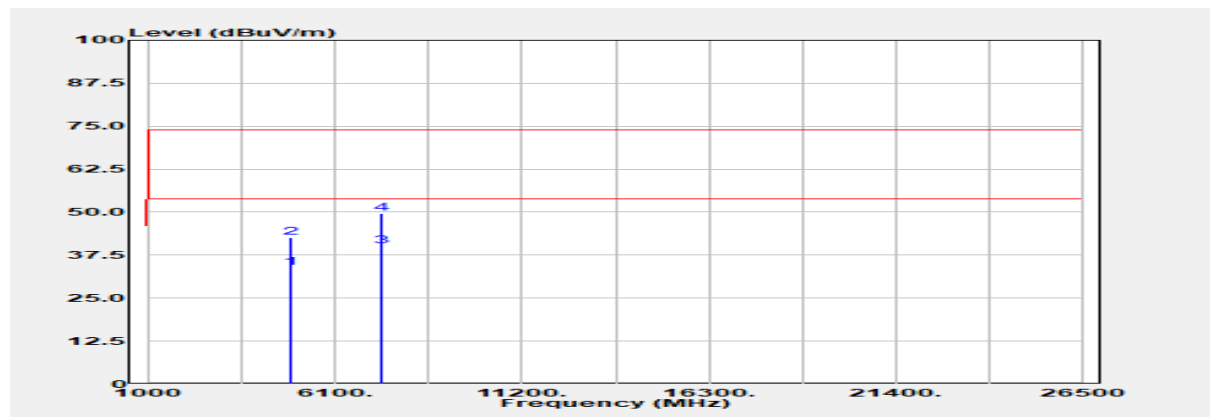
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
| MHz      | Mode     | Reading Level |        | FS           | @3m          |        |
|          | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4924.000 | Average  | 21.31         | 12.40  | 33.71        | 54.00        | -20.29 |
| 4924.000 | Peak     | 30.32         | 12.40  | 42.72        | 74.00        | -31.28 |
| 7386.000 | Average  | 19.27         | 20.72  | 39.99        | 54.00        | -14.01 |
| 7386.000 | Peak     | 28.94         | 20.72  | 49.66        | 74.00        | -24.34 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11n20

Test Date :2023-02-06

Test Frequency :2462 MHz

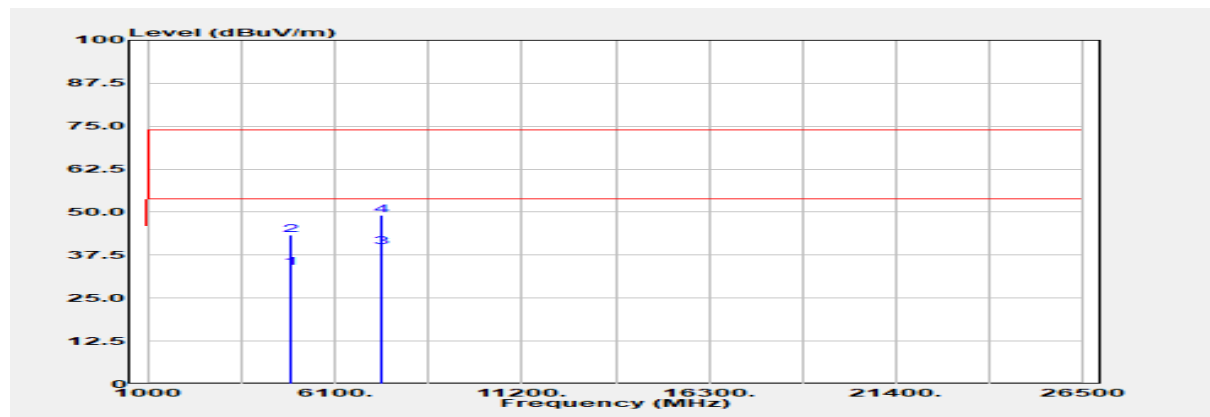
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
| MHz      | Mode     | Reading Level |        | FS           | @3m          |        |
|          | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4924.000 | Average  | 21.43         | 12.40  | 33.83        | 54.00        | -20.17 |
| 4924.000 | Peak     | 30.95         | 12.40  | 43.35        | 74.00        | -30.65 |
| 7386.000 | Average  | 19.13         | 20.72  | 39.85        | 54.00        | -14.15 |
| 7386.000 | Peak     | 28.41         | 20.72  | 49.13        | 74.00        | -24.87 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-06

Test Frequency :2412 MHz

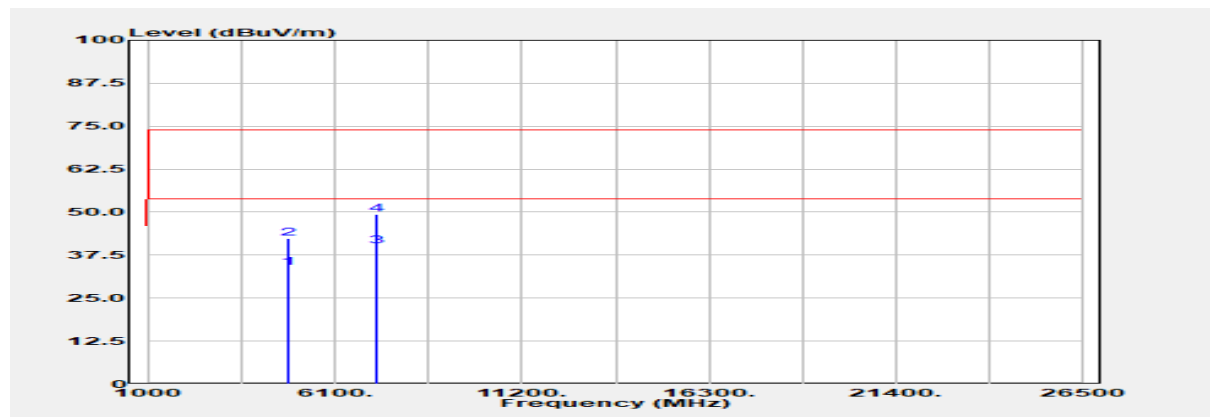
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
|          | Mode     | Reading Level |        | FS     | @3m    |        |
| MHz      | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4824.000 | Average  | 21.33         | 12.55  | 33.87  | 54.00  | -20.13 |
| 4824.000 | Peak     | 29.89         | 12.55  | 42.44  | 74.00  | -31.56 |
| 7236.000 | Average  | 20.00         | 20.09  | 40.09  | 54.00  | -13.91 |
| 7236.000 | Peak     | 29.28         | 20.09  | 49.36  | 74.00  | -24.64 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-06

Test Frequency :2412 MHz

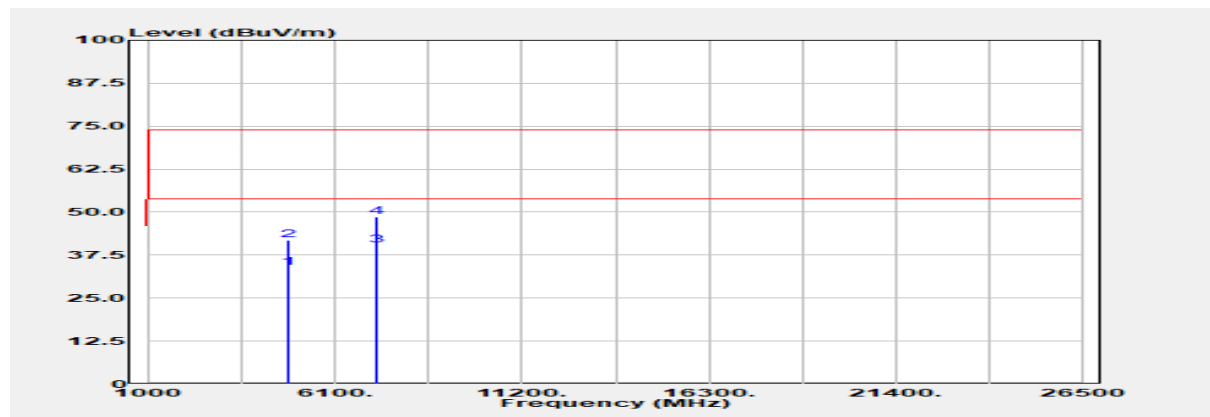
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
| MHz      | Mode     | Reading Level |        | FS           | @3m          |        |
|          | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4824.000 | Average  | 21.23         | 12.55  | 33.78        | 54.00        | -20.22 |
| 4824.000 | Peak     | 29.43         | 12.55  | 41.97        | 74.00        | -32.03 |
| 7236.000 | Average  | 20.24         | 20.09  | 40.33        | 54.00        | -13.67 |
| 7236.000 | Peak     | 28.65         | 20.09  | 48.74        | 74.00        | -25.26 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-06

Test Frequency :2437 MHz

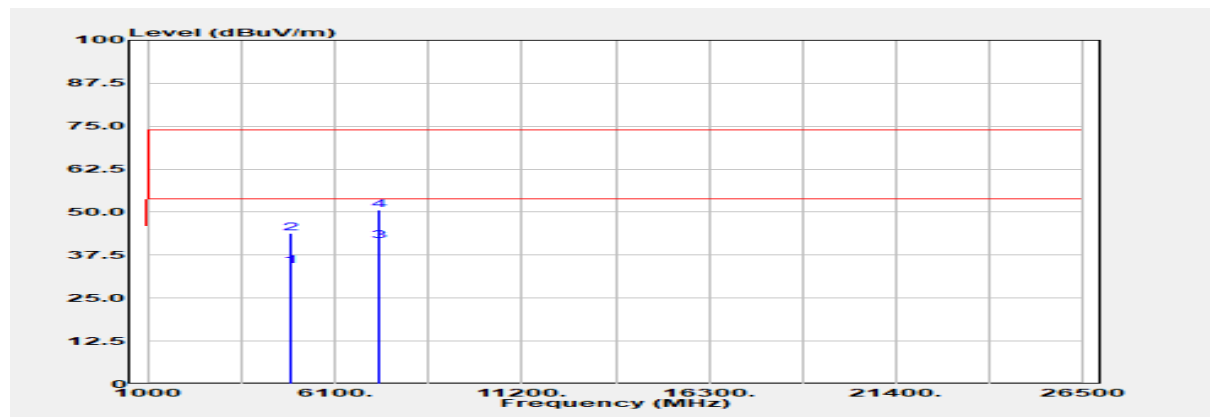
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
|          | Mode     | Reading Level |        | FS           | @3m          |        |
| MHz      | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4874.000 | Average  | 21.76         | 12.61  | 34.36        | 54.00        | -19.64 |
| 4874.000 | Peak     | 31.21         | 12.61  | 43.82        | 74.00        | -30.18 |
| 7311.000 | Average  | 20.84         | 20.68  | 41.53        | 54.00        | -12.47 |
| 7311.000 | Peak     | 29.86         | 20.68  | 50.54        | 74.00        | -23.46 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-06

Test Frequency :2437 MHz

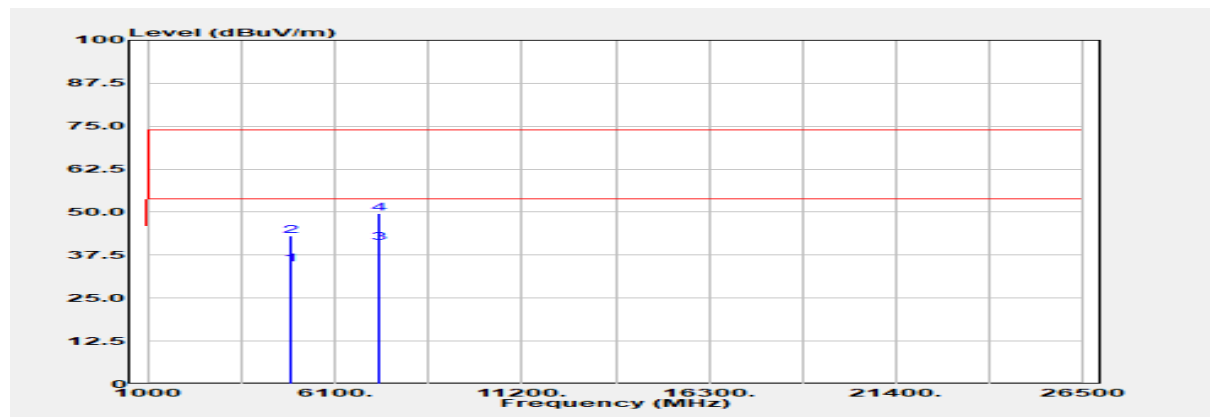
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
|          | Mode     | Reading Level |        | FS     | @3m    |        |
| MHz      | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4874.000 | Average  | 22.16         | 12.61  | 34.77  | 54.00  | -19.23 |
| 4874.000 | Peak     | 30.45         | 12.61  | 43.06  | 74.00  | -30.94 |
| 7311.000 | Average  | 20.50         | 20.68  | 41.18  | 54.00  | -12.82 |
| 7311.000 | Peak     | 29.04         | 20.68  | 49.72  | 74.00  | -24.28 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-06

Test Frequency :2462 MHz

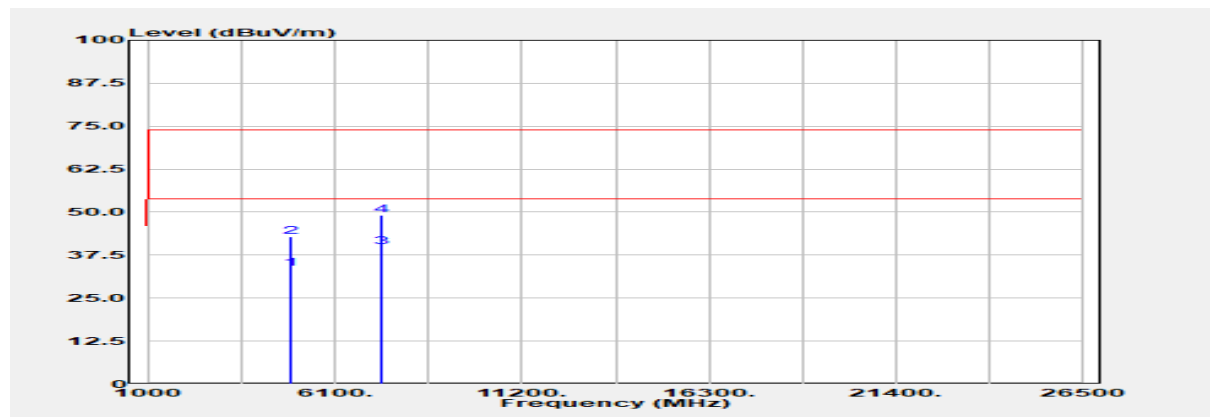
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Vertical

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual       | Limit        | Margin |
|----------|----------|---------------|--------|--------------|--------------|--------|
| MHz      | Mode     | Reading Level |        | FS           | @3m          |        |
|          | PK/QP/AV | dB $\mu$ V    | dB     | dB $\mu$ V/m | dB $\mu$ V/m | dB     |
| 4924.000 | Average  | 21.24         | 12.40  | 33.64        | 54.00        | -20.36 |
| 4924.000 | Peak     | 30.54         | 12.40  | 42.94        | 74.00        | -31.06 |
| 7386.000 | Average  | 19.18         | 20.72  | 39.90        | 54.00        | -14.10 |
| 7386.000 | Peak     | 28.31         | 20.72  | 49.03        | 74.00        | -24.97 |

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Report Number :TERF2211002513E2

Test Site :SAC C

Operation Mode :802.11ax20

Test Date :2023-02-06

Test Frequency :2462 MHz

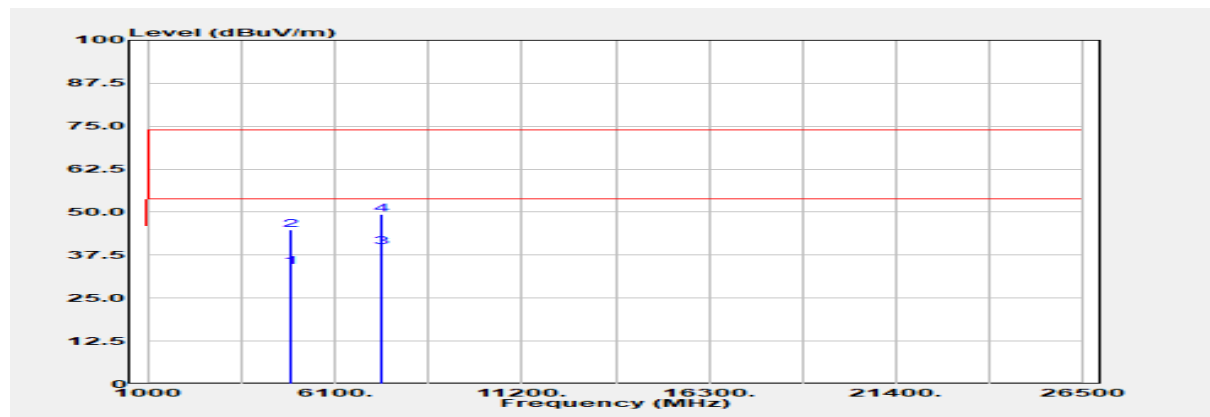
Temp./Humi. :25.9/62

Test Mode :Tx

Antenna Pol. :Horizontal

EUT Pol :E2 Plane

Engineer :Andy Wang



| Freq.    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|----------|---------------|--------|--------|--------|--------|
| MHz      | Mode     | Reading Level |        | FS     | @3m    |        |
|          | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 4924.000 | Average  | 21.74         | 12.40  | 34.14  | 54.00  | -19.86 |
| 4924.000 | Peak     | 32.39         | 12.40  | 44.79  | 74.00  | -29.21 |
| 7386.000 | Average  | 19.14         | 20.72  | 39.86  | 54.00  | -14.14 |
| 7386.000 | Peak     | 28.60         | 20.72  | 49.31  | 74.00  | -24.69 |

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## 12 POWER SPECTRAL DENSITY

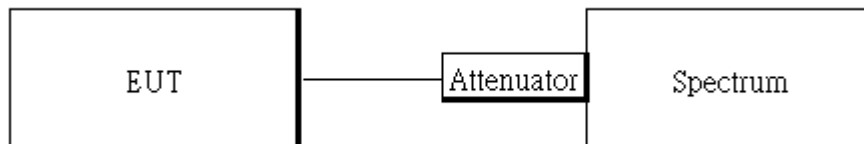
### 12.1 Standard Applicable

Per Part 15.247 (e)

The power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3 kHz band during any time interval of continuous transmission.

This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density.

### 12.2 Test Setup



### 12.3 Measurement Procedure

1. Set analyzer center frequency to DTS channel center frequency.
2. The testing follows the Measurement Procedure of FCC KDB 558074 D01 DTS Meas. Guidance .
3. Set the span to 1.5 times the DTS channel bandwidth.
4. Set the RBW = 3 kHz & VBW = 10 kHz.
5. Detector = peak.
6. Sweep time = auto couple.
7. Trace mode = max hold.
8. Allow trace to fully stabilize.
9. Use the peak marker function to determine the maximum amplitude level.

The antenna gain is not greater than 6 dBi. Therefore, reduction of power is not required.

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## 12.4 Power spectral density

| POWER DENSITY 802.11b |            |                   |                     |        |
|-----------------------|------------|-------------------|---------------------|--------|
| Freq.<br>(MHz)        | Ch0<br>PSD | PSD<br>(dBm/3kHz) | Limit<br>(dBm/3kHz) | Result |
| 2412                  | -2.10      | -2.10             | 8.00                | PASS   |
| 2437                  | -2.43      | -2.43             | 8.00                | PASS   |
| 2462                  | -1.08      | -1.08             | 8.00                | PASS   |

| POWER DENSITY 802.11g |            |                   |                     |        |
|-----------------------|------------|-------------------|---------------------|--------|
| Freq.<br>(MHz)        | Ch0<br>PSD | PSD<br>(dBm/3kHz) | Limit<br>(dBm/3kHz) | Result |
| 2412                  | -12.22     | -12.22            | 8.00                | PASS   |
| 2437                  | -8.79      | -8.79             | 8.00                | PASS   |
| 2462                  | -10.60     | -10.60            | 8.00                | PASS   |

| POWER DENSITY 802.11n HT20 |            |                   |                     |        |
|----------------------------|------------|-------------------|---------------------|--------|
| Freq.<br>(MHz)             | Ch0<br>PSD | PSD<br>(dBm/3kHz) | Limit<br>(dBm/3kHz) | Result |
| 2412                       | -11.95     | -11.95            | 8.00                | PASS   |
| 2437                       | -8.55      | -8.55             | 8.00                | PASS   |
| 2462                       | -12.03     | -12.03            | 8.00                | PASS   |

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| POWER DENSITY 802.11ax HE20 |              |            |                   |                     |        |
|-----------------------------|--------------|------------|-------------------|---------------------|--------|
| Freq.<br>(MHz)              | RU<br>Config | Ch0<br>PSD | PSD<br>(dBm/3kHz) | Limit<br>(dBm/3kHz) | Result |
| 2412                        | RU           | -13.49     | -13.49            | 8.00                | PASS   |
|                             | SU           | -13.99     | -13.99            | 8.00                | PASS   |
|                             | 26/0         | -5.92      | -5.92             | 8.00                | PASS   |
|                             | 26/8         | -5.92      | -5.92             | 8.00                | PASS   |
|                             | 52/37        | -6.87      | -6.87             | 8.00                | PASS   |
|                             | 52/40        | -7.12      | -7.12             | 8.00                | PASS   |
|                             | 106/53       | -10.59     | -10.59            | 8.00                | PASS   |
|                             | 106/54       | -9.05      | -9.05             | 8.00                | PASS   |
| 2437                        | RU           | -10.40     | -10.40            | 8.00                | PASS   |
|                             | SU           | -13.56     | -13.56            | 8.00                | PASS   |
| 2462                        | RU           | -13.75     | -13.75            | 8.00                | PASS   |
|                             | SU           | -13.68     | -13.68            | 8.00                | PASS   |
|                             | 26/8         | -4.50      | -4.50             | 8.00                | PASS   |
|                             | 26/0         | -4.28      | -4.28             | 8.00                | PASS   |
|                             | 52/40        | -6.32      | -6.32             | 8.00                | PASS   |
|                             | 52/37        | -7.63      | -7.63             | 8.00                | PASS   |
|                             | 106/54       | -9.88      | -9.88             | 8.00                | PASS   |
|                             | 106/53       | -9.99      | -9.99             | 8.00                | PASS   |

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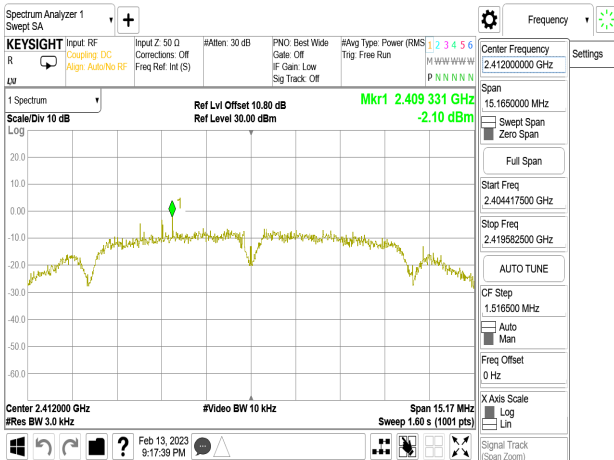
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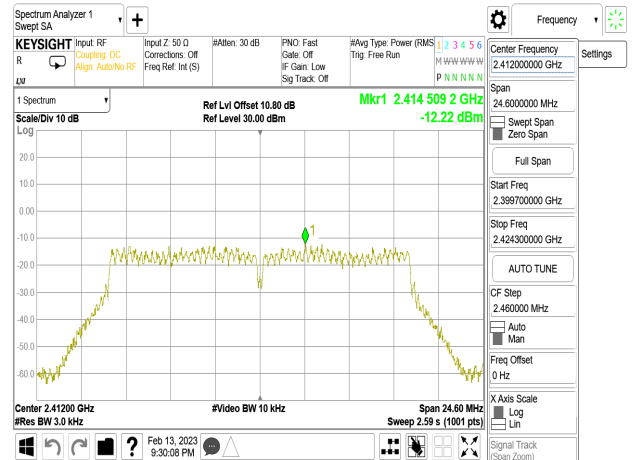
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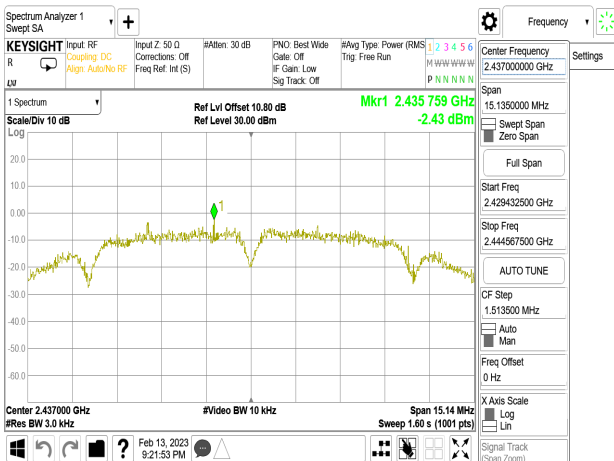
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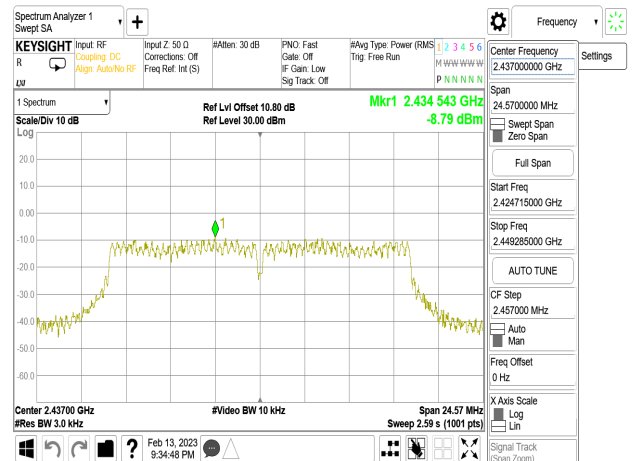
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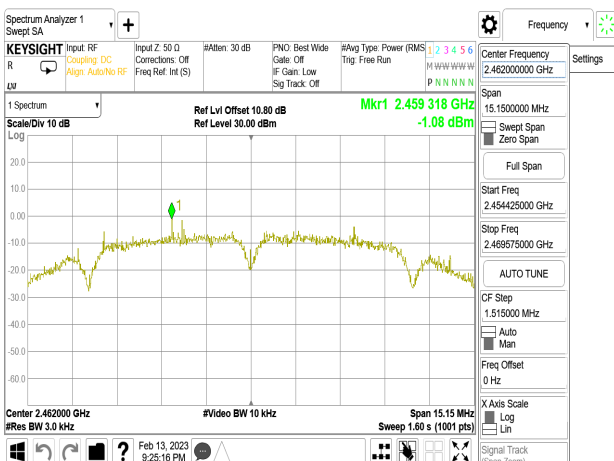
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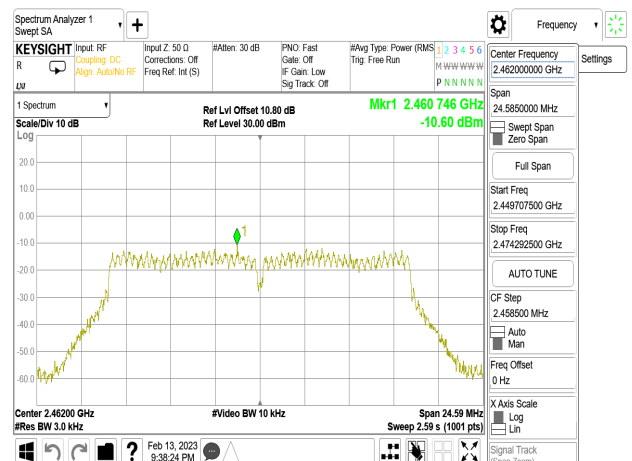
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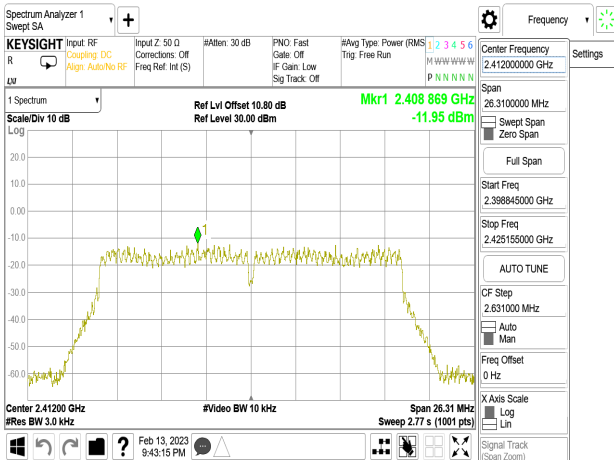


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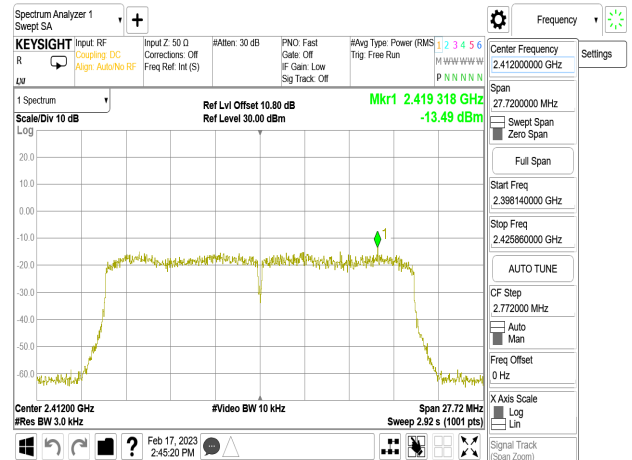
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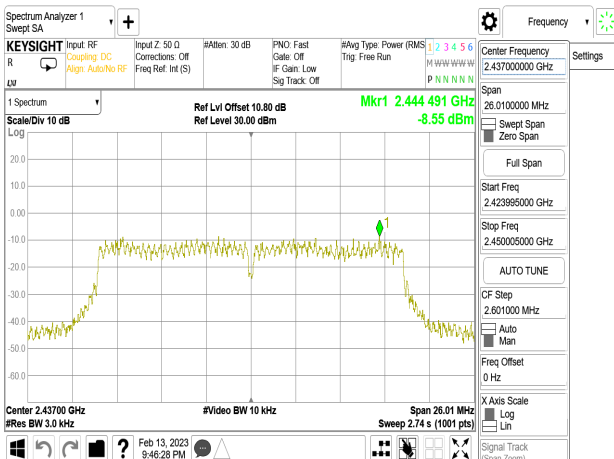
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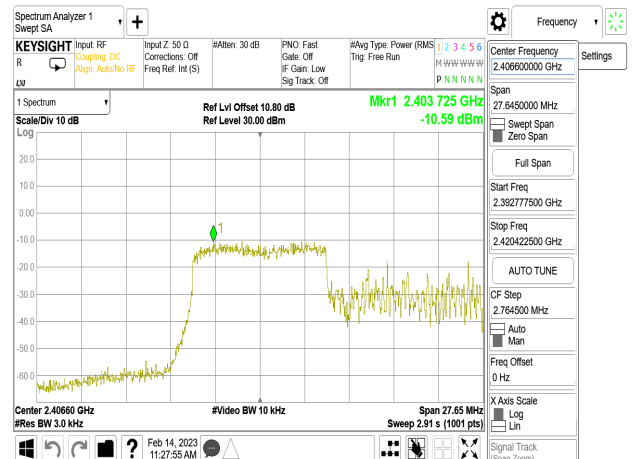
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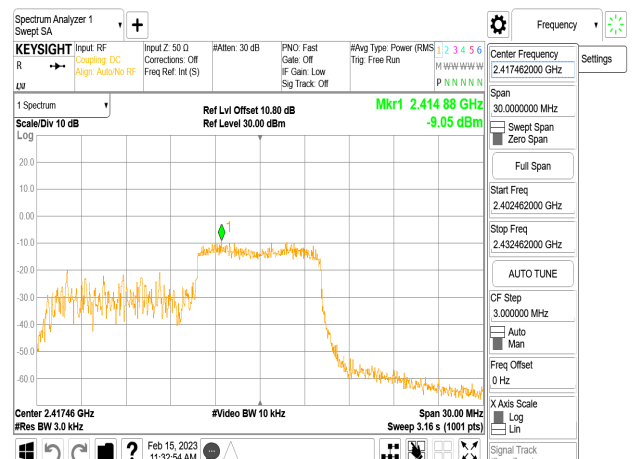
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802.11n\_20MHz\_Chain0\_2462MHz



802.11ax\_20MHz\_Chain0\_2412MHz\_RU106\_54



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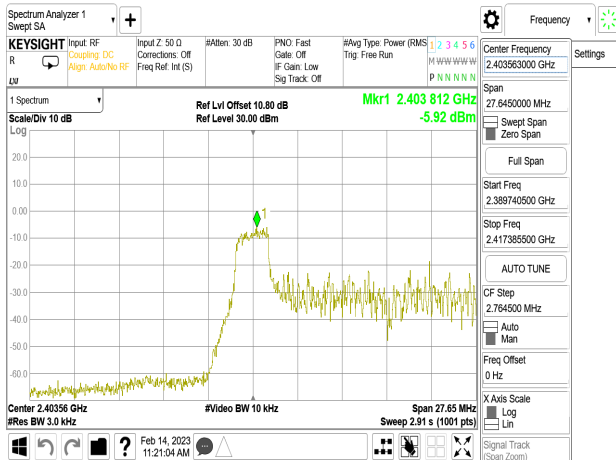
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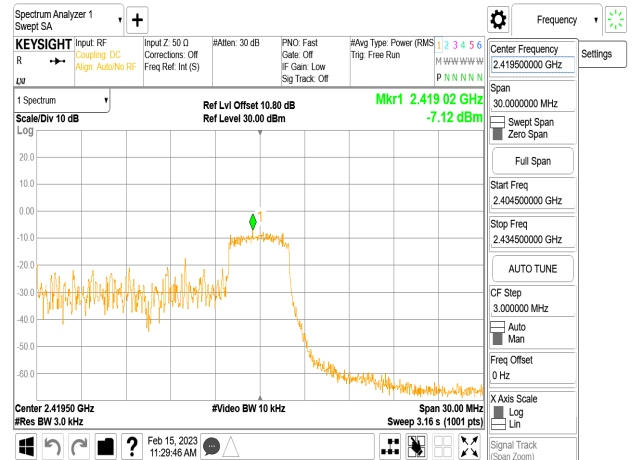
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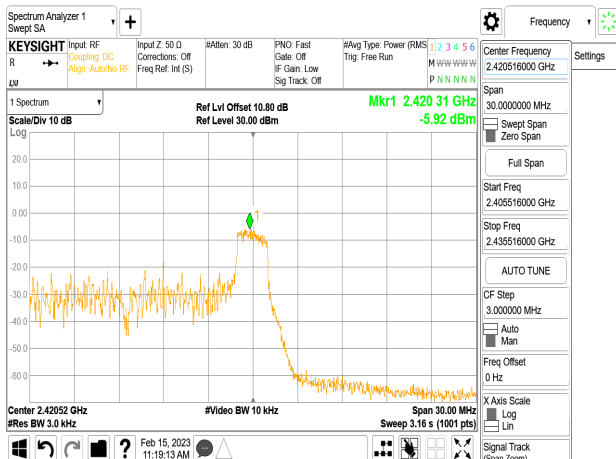
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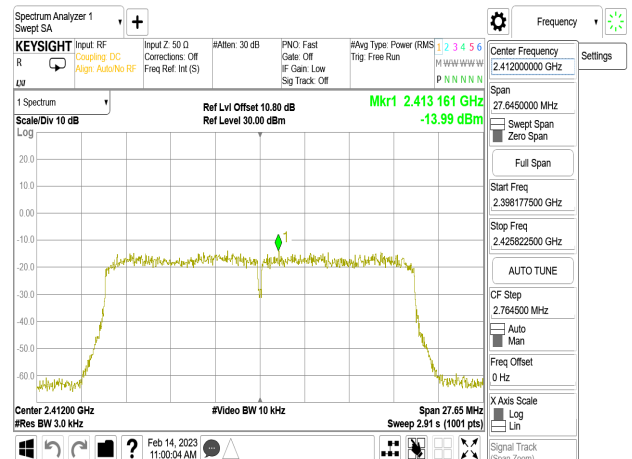
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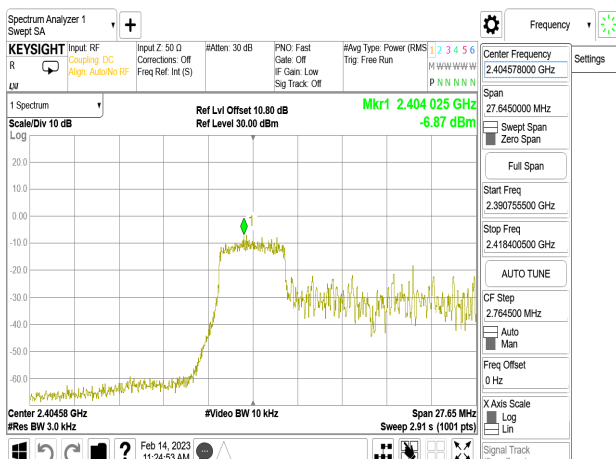
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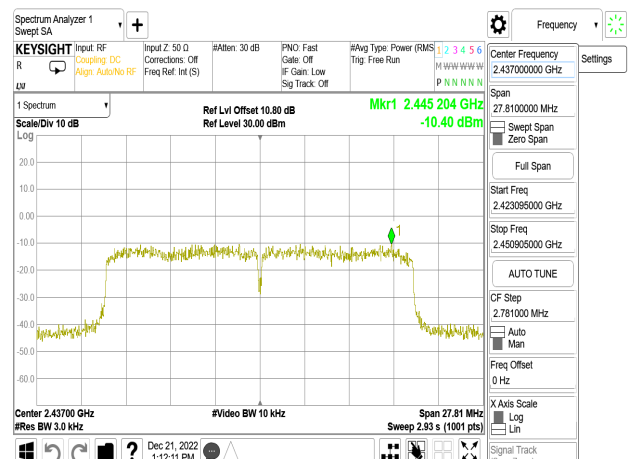
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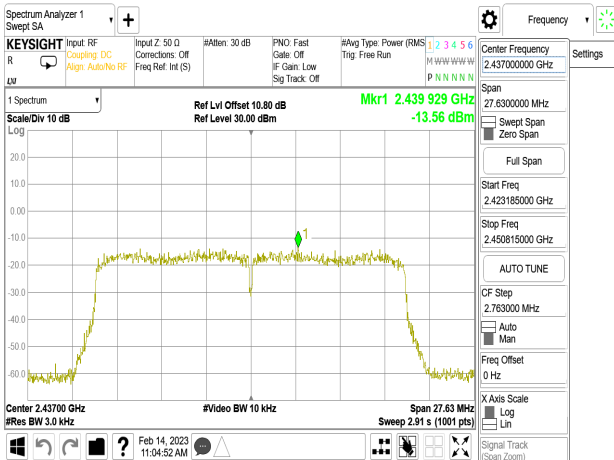


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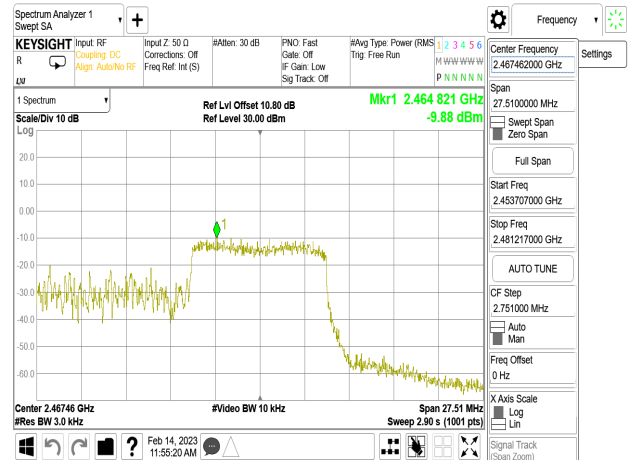
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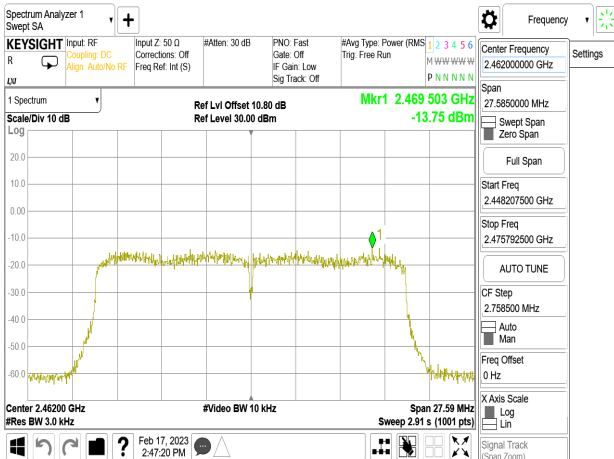
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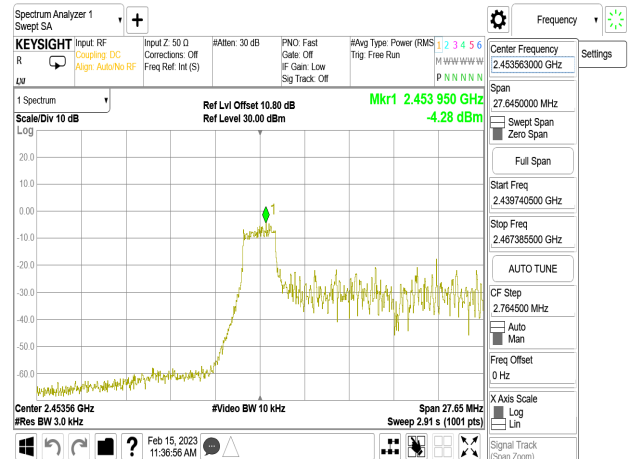
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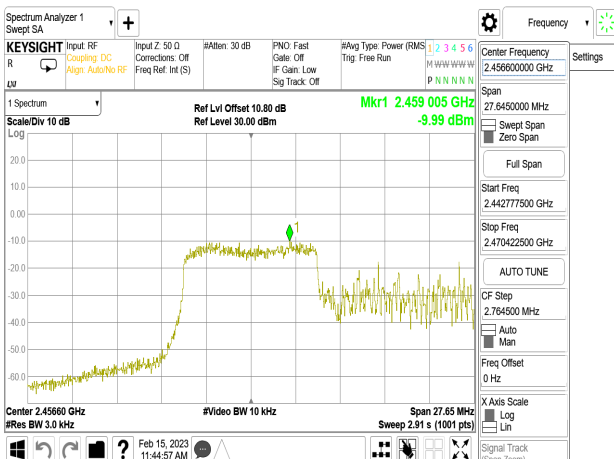
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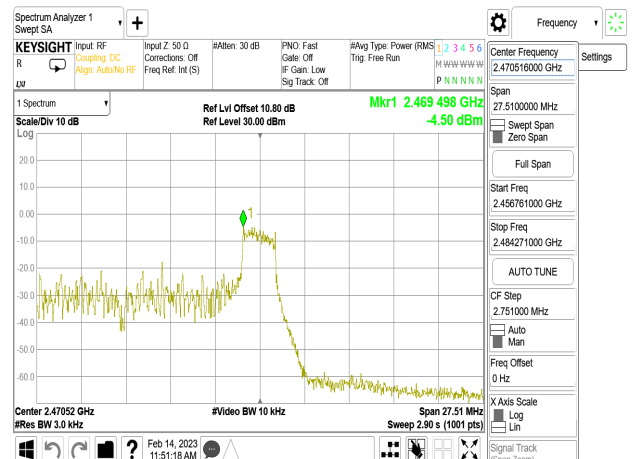
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802.11ax\_20MHz\_Chain0\_2462MHz\_RU106\_53



802.11ax\_20MHz\_Chain0\_2462MHz\_RU26\_8



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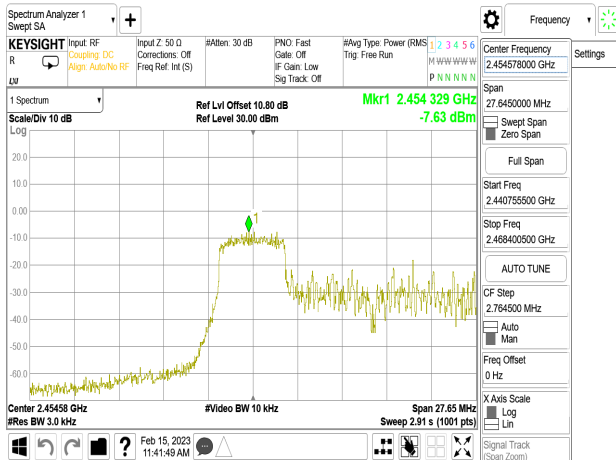
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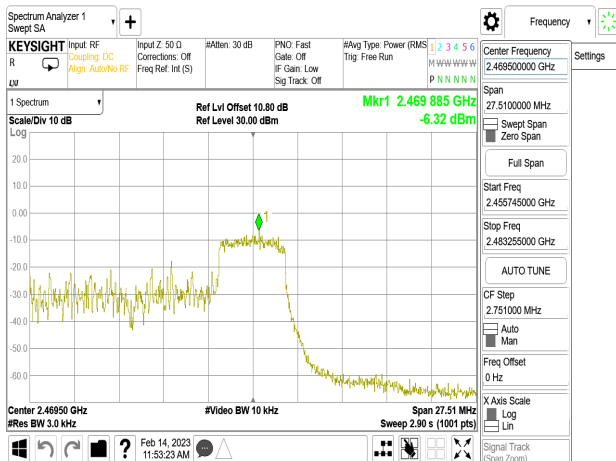
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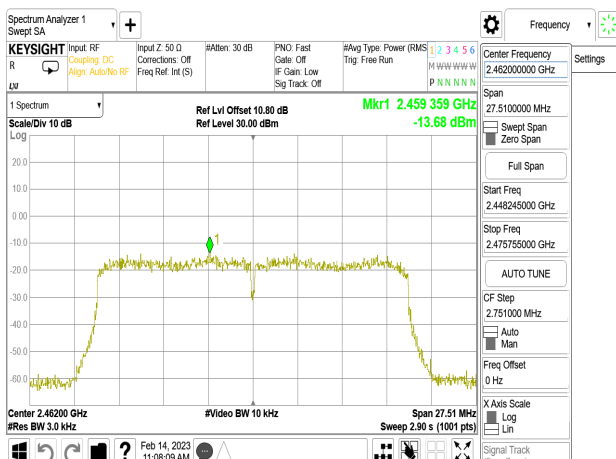
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802.11ax\_20MHz\_Chain0\_2462MHz\_RU52\_40



802.11ax\_20MHz\_Chain0\_2462MHz\_SU



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## 13 ANTENNA REQUIREMENT

### 13.1 Standard Applicable

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§ 15.211, 15.213, 15.217, 15.219, 15.221, or § 15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with § 15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

### 13.2 Antenna Connected Construction

The antenna complies with this requirement and no consideration of replacement. Please see EUT photo for details.

*~ End of Report ~*

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.  
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