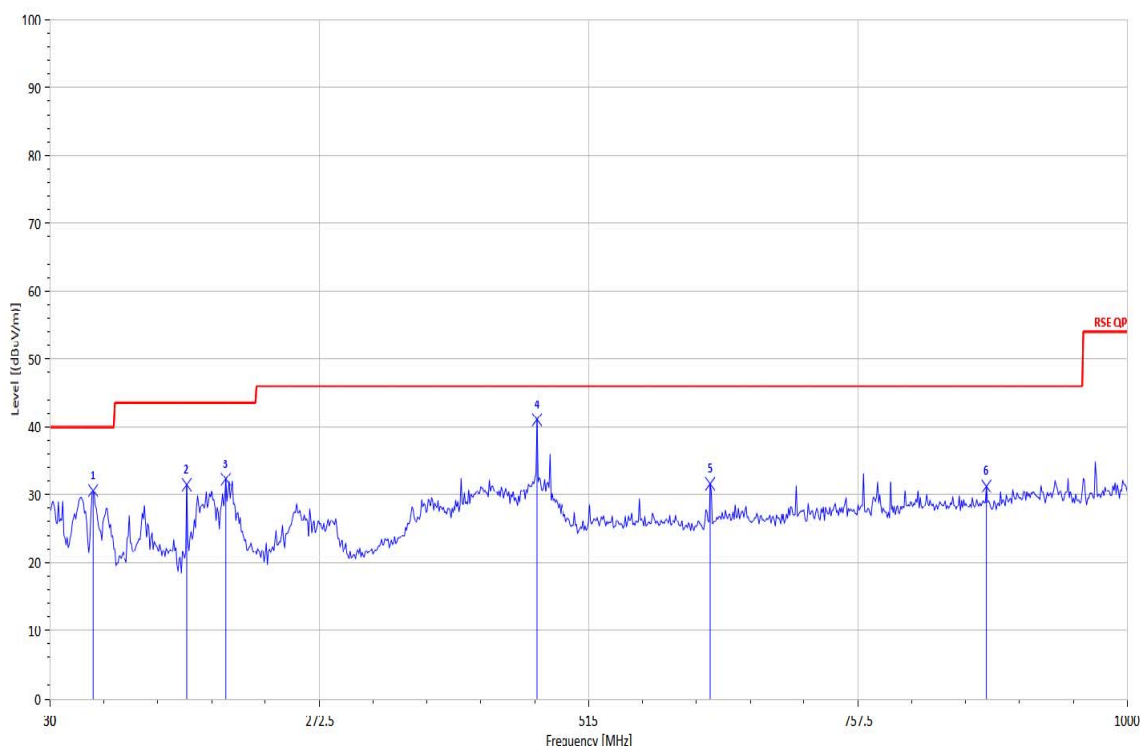


# Below 1GHz Worst-Case Data:

## Radiated Spurious Emission Measurement Result (802.11 g)

|                         |           |                     |                |
|-------------------------|-----------|---------------------|----------------|
| Operation Mode :        | 802.11g   | Test Date :         | 2018/1/26      |
| Fundamental Frequency : | 2412 MHz  | Temp. / Humi. :     | 23.5deg_C/50RH |
| Operation Band :        | TX CH LOW | Test Engineer :     | Ashton         |
|                         |           | Measurement Antenna |                |
| EUT Pol. :              | E2        | Pol. :              | Vertical       |



| Freq.  | Note    | Detector | Spectrum      | Factor | Actual | Limit | Margin |
|--------|---------|----------|---------------|--------|--------|-------|--------|
| MHz    | F/H/E/S | Mode     | Reading Level | dB     | FS     | @3m   | dB     |
| 68.80  | S       | Peak     | 52.59         | -21.95 | 30.64  | 40    | -9.36  |
| 153.19 | S       | Peak     | 48.38         | -16.88 | 31.50  | 43.5  | -12.00 |
| 188.11 | S       | Peak     | 50.75         | -18.42 | 32.33  | 43.5  | -11.17 |
| 468.44 | S       | Peak     | 48.75         | -7.66  | 41.09  | 46    | -4.91  |
| 624.61 | S       | Peak     | 37.74         | -6.11  | 31.63  | 46    | -14.37 |
| 872.93 | S       | Peak     | 33.95         | -2.68  | 31.27  | 46    | -14.73 |

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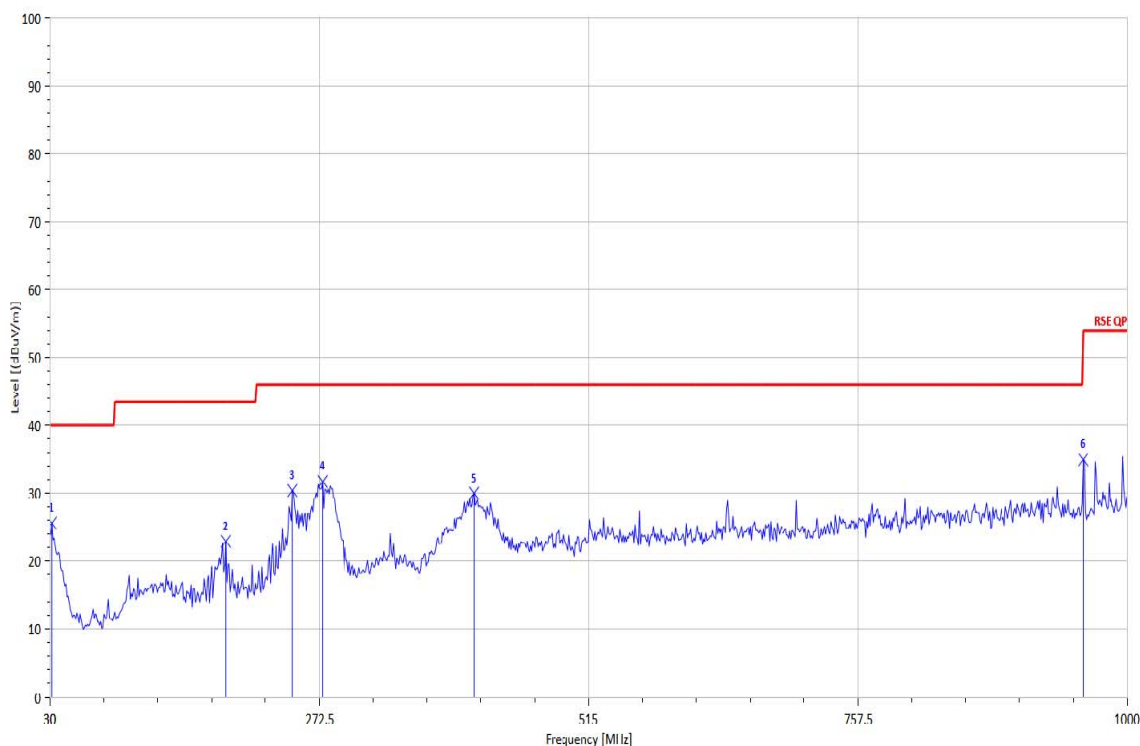
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|                         |           |                     |                |
|-------------------------|-----------|---------------------|----------------|
| Operation Mode :        | 802.11g   | Test Date :         | 2018/1/26      |
| Fundamental Frequency : | 2412 MHz  | Temp. / Humi. :     | 23.5deg_C/50RH |
| Operation Band :        | TX CH LOW | Test Engineer :     | Ashton         |
|                         |           | Measurement Antenna |                |
| EUT Pol. :              | E2        | Pol. :              | Horizontal     |



| Freq.  | Note    | Detector | Spectrum      | Factor | Actual | Limit | Margin |
|--------|---------|----------|---------------|--------|--------|-------|--------|
| MHz    | F/H/E/S | Mode     | Reading Level | dB     | FS     | @3m   | dB     |
| 31.94  | S       | Peak     | 33.83         | -8.23  | 25.60  | 40    | -14.40 |
| 188.11 | S       | Peak     | 41.37         | -18.42 | 22.95  | 43.5  | -20.55 |
| 248.25 | S       | Peak     | 45.12         | -14.70 | 30.42  | 46    | -15.58 |
| 275.41 | S       | Peak     | 45.47         | -13.73 | 31.74  | 46    | -14.26 |
| 412.18 | S       | Peak     | 39.41         | -9.38  | 30.03  | 46    | -15.97 |
| 960.23 | S       | Peak     | 37.20         | -2.23  | 34.97  | 54    | -19.03 |

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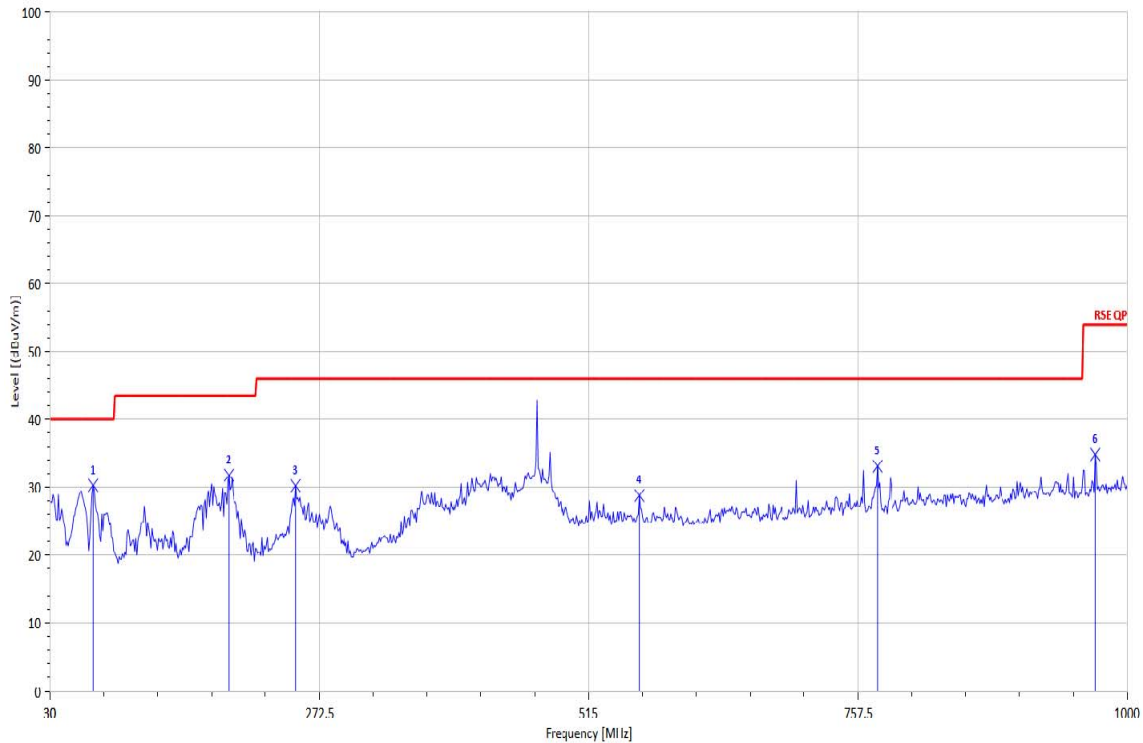
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|                         |           |                     |                |
|-------------------------|-----------|---------------------|----------------|
| Operation Mode :        | 802.11g   | Test Date :         | 2018/1/26      |
| Fundamental Frequency : | 2437 MHz  | Temp. / Humi. :     | 23.5deg_C/50RH |
| Operation Band :        | TX CH MID | Test Engineer :     | Ashton         |
|                         |           | Measurement Antenna |                |
| EUT Pol. :              | E2        | Pol. :              | Vertical       |



| Freq.  | Note    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|--------|---------|----------|---------------|--------|--------|--------|--------|
| MHz    | F/H/E/S | Mode     | Reading Level |        | FS     | @3m    |        |
|        |         | PK/QP/AV | dBuV          | dB     | dBuV/m | dBuV/m | dB     |
| 68.80  | S       | Peak     | 52.27         | -21.95 | 30.32  | 40     | -9.68  |
| 191.02 | S       | Peak     | 50.00         | -18.21 | 31.79  | 43.5   | -11.71 |
| 251.16 | S       | Peak     | 44.73         | -14.48 | 30.25  | 46     | -15.75 |
| 560.59 | S       | Peak     | 35.47         | -6.65  | 28.82  | 46     | -17.18 |
| 774.96 | S       | Peak     | 37.88         | -4.75  | 33.13  | 46     | -12.87 |
| 970.90 | S       | Peak     | 36.40         | -1.57  | 34.83  | 54     | -19.17 |

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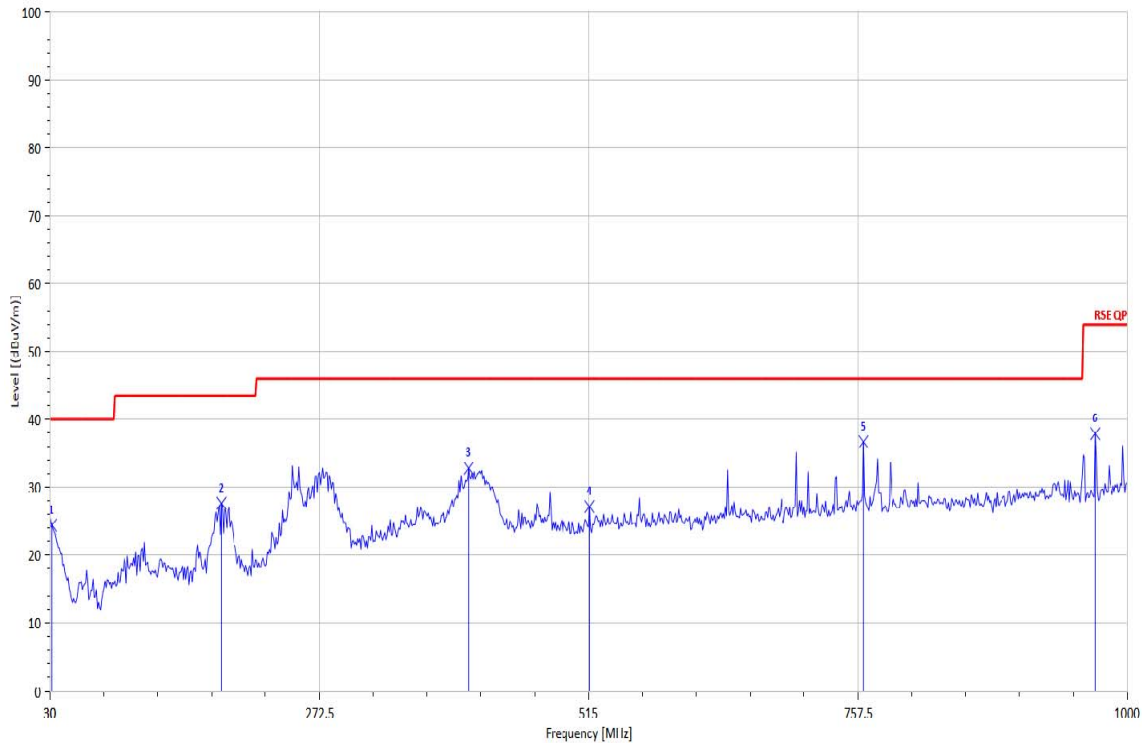
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|                         |           |                     |                |
|-------------------------|-----------|---------------------|----------------|
| Operation Mode :        | 802.11g   | Test Date :         | 2018/1/26      |
| Fundamental Frequency : | 2437 MHz  | Temp. / Humi. :     | 23.5deg_C/50RH |
| Operation Band :        | TX CH MID | Test Engineer :     | Ashton         |
|                         |           | Measurement Antenna |                |
| EUT Pol. :              | E2        | Pol. :              | Horizontal     |



| Freq.  | Note    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|--------|---------|----------|---------------|--------|--------|--------|--------|
| MHz    | F/H/E/S | Mode     | Reading Level |        | FS     | @3m    |        |
|        |         | PK/QP/AV | dBμV          | dB     | dBμV/m | dBμV/m | dB     |
| 31.94  | S       | Peak     | 32.69         | -8.23  | 24.46  | 40     | -15.54 |
| 184.23 | S       | Peak     | 46.12         | -18.46 | 27.66  | 43.5   | -15.84 |
| 407.33 | S       | Peak     | 41.99         | -9.16  | 32.83  | 46     | -13.17 |
| 515.97 | S       | Peak     | 34.85         | -7.67  | 27.18  | 46     | -18.82 |
| 762.35 | S       | Peak     | 40.88         | -4.17  | 36.71  | 46     | -9.29  |
| 970.90 | S       | Peak     | 39.48         | -1.57  | 37.91  | 54     | -16.09 |

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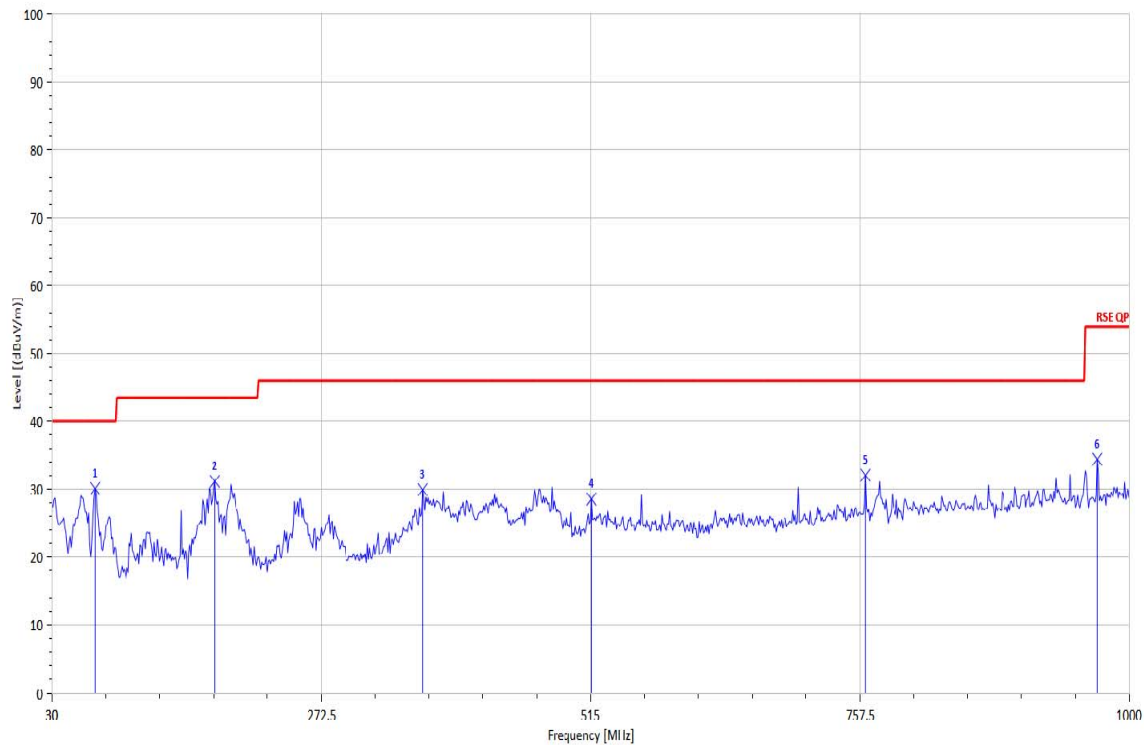
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|                         |            |                     |                |
|-------------------------|------------|---------------------|----------------|
| Operation Mode :        | 802.11g    | Test Date :         | 2018/1/26      |
| Fundamental Frequency : | 2462 MHz   | Temp. / Humi. :     | 23.5deg_C/50RH |
| Operation Band :        | TX CH HIGH | Test Engineer :     | Ashton         |
|                         |            | Measurement Antenna |                |
| EUT Pol. :              | E2         | Pol. :              | Vertical       |



| Freq.  | Note    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|--------|---------|----------|---------------|--------|--------|--------|--------|
| MHz    | F/H/E/S | Mode     | Reading Level |        | FS     | @3m    |        |
|        |         | PK/QP/AV | dBuV          | dB     | dBuV/m | dBuV/m | dB     |
| 68.80  | S       | Peak     | 52.07         | -21.95 | 30.12  | 40     | -9.88  |
| 176.47 | S       | Peak     | 49.71         | -18.52 | 31.19  | 43.5   | -12.31 |
| 363.68 | S       | Peak     | 40.91         | -10.95 | 29.96  | 46     | -16.04 |
| 515.97 | S       | Peak     | 36.26         | -7.67  | 28.59  | 46     | -17.41 |
| 762.35 | S       | Peak     | 36.25         | -4.17  | 32.08  | 46     | -13.92 |
| 970.90 | S       | Peak     | 36.01         | -1.57  | 34.44  | 54     | -19.56 |

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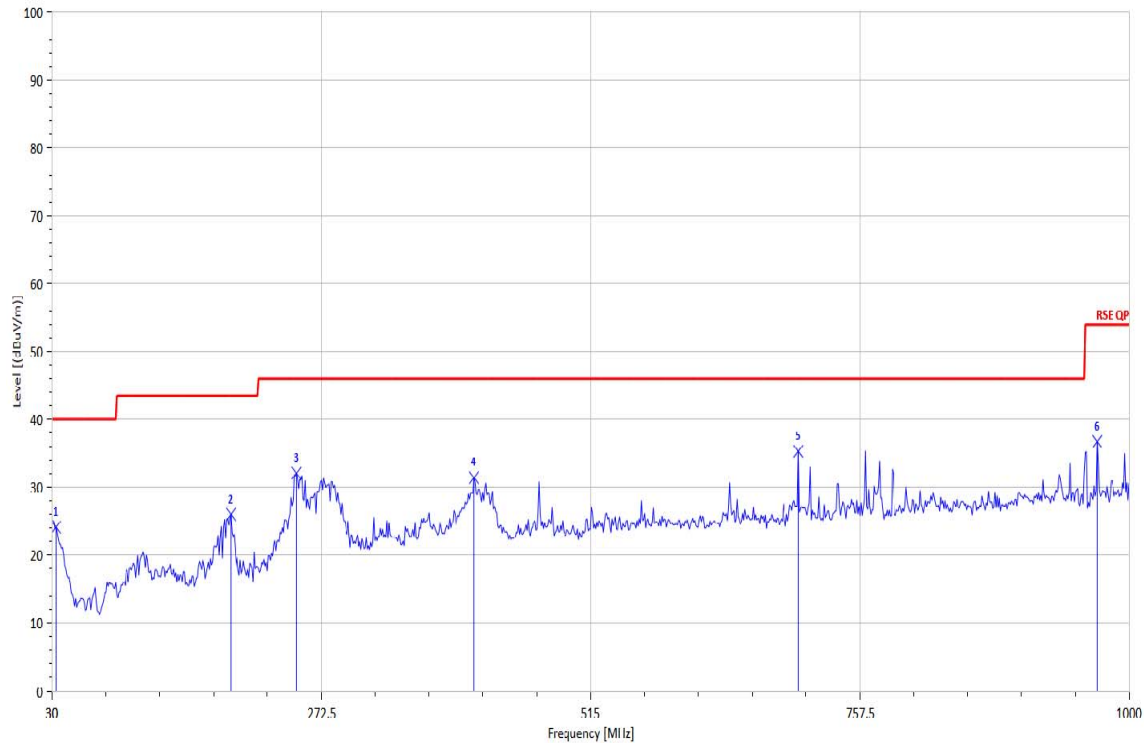
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|                         |            |                     |                |
|-------------------------|------------|---------------------|----------------|
| Operation Mode :        | 802.11g    | Test Date :         | 2018/1/26      |
| Fundamental Frequency : | 2462 MHz   | Temp. / Humi. :     | 23.5deg_C/50RH |
| Operation Band :        | TX CH HIGH | Test Engineer :     | Ashton         |
|                         |            | Measurement Antenna |                |
| EUT Pol. :              | E2         | Pol. :              | Horizontal     |



| Freq.  | Note    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|--------|---------|----------|---------------|--------|--------|--------|--------|
| MHz    | F/H/E/S | Mode     | Reading Level |        | FS     | @3m    |        |
|        |         | PK/QP/AV | dBµV          | dB     | dBµV/m | dBµV/m | dB     |
| 33.88  | S       | Peak     | 33.43         | -9.27  | 24.16  | 40     | -15.84 |
| 191.02 | S       | Peak     | 44.24         | -18.21 | 26.03  | 43.5   | -17.47 |
| 250.19 | S       | Peak     | 46.68         | -14.58 | 32.10  | 46     | -13.90 |
| 410.24 | S       | Peak     | 40.61         | -9.17  | 31.44  | 46     | -14.56 |
| 702.21 | S       | Peak     | 40.61         | -5.30  | 35.31  | 46     | -10.69 |
| 970.90 | S       | Peak     | 38.32         | -1.57  | 36.75  | 54     | -17.25 |

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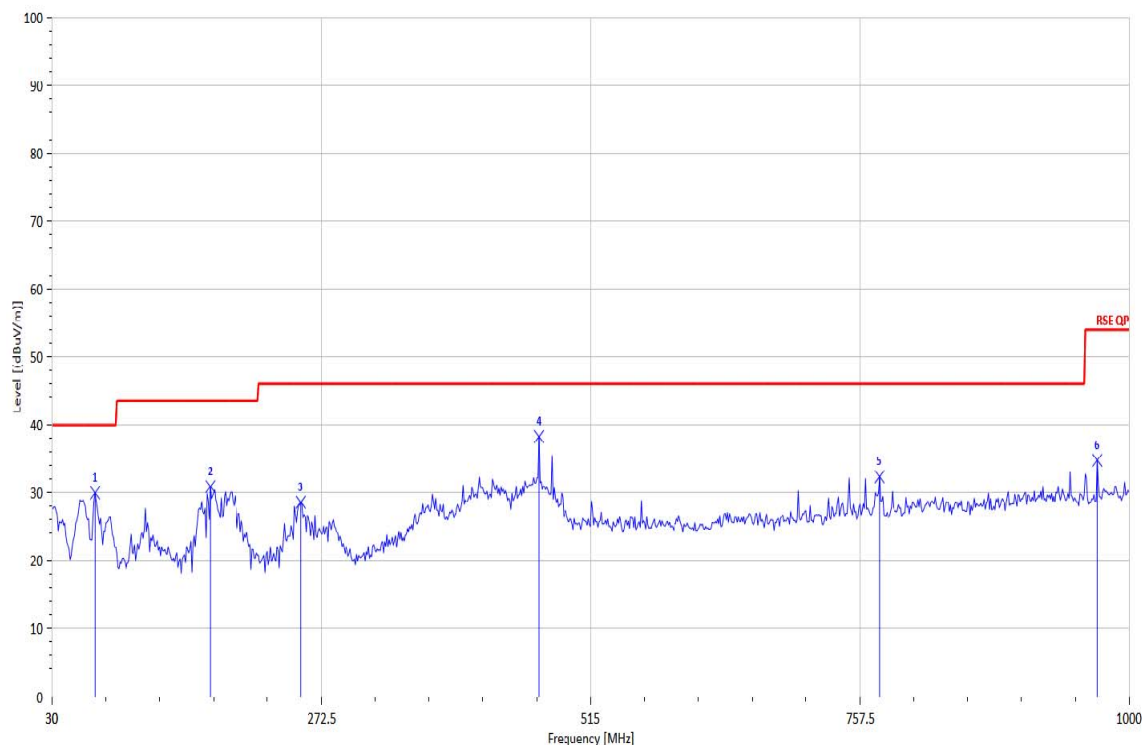
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# Radiated Spurious Emission Measurement Result (802.11n\_40M) below 1GHz

Operation Mode : 802.11n40      Test Date : 2018/1/26  
 Fundamental Frequency : 2422 MHz      Temp. / Humi. : 23.5deg\_C/50RH  
 Operation Band : TX CH LOW      Test Engineer : Ashton  
 Measurement Antenna  
 EUT Pol. : E2      Pol. : Vertical



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 68.80        | S               | Peak                         | 51.95                             | -21.95       | 30.00                  | 40                     | -10.00       |
| 172.59       | S               | Peak                         | 49.28                             | -18.37       | 30.91                  | 43.5                   | -12.59       |
| 254.07       | S               | Peak                         | 42.95                             | -14.33       | 28.62                  | 46                     | -17.38       |
| 468.44       | S               | Peak                         | 45.91                             | -7.66        | 38.25                  | 46                     | -7.75        |
| 774.96       | S               | Peak                         | 37.11                             | -4.75        | 32.36                  | 46                     | -13.64       |
| 970.90       | S               | Peak                         | 36.36                             | -1.57        | 34.79                  | 54                     | -19.21       |

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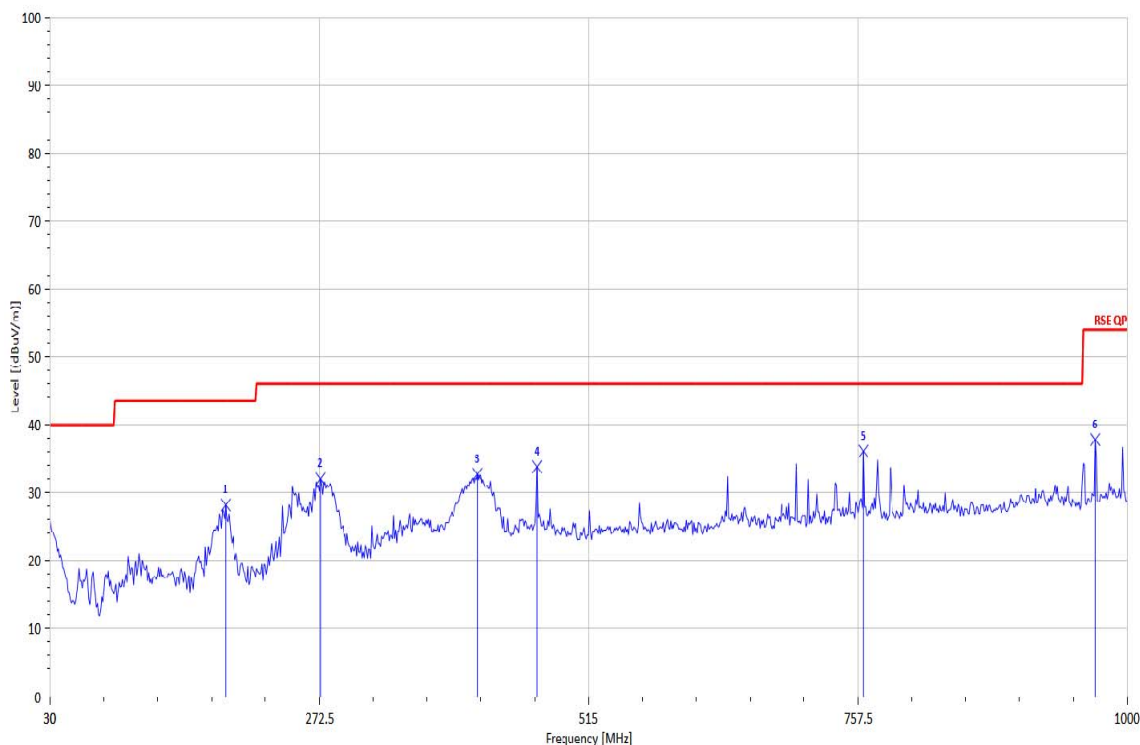
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|                         |           |                     |                |
|-------------------------|-----------|---------------------|----------------|
| Operation Mode :        | 802.11n40 | Test Date :         | 2018/1/26      |
| Fundamental Frequency : | 2412 MHz  | Temp. / Humi. :     | 23.5deg_C/50RH |
| Operation Band :        | TX CH LOW | Test Engineer :     | Ashton         |
|                         |           | Measurement Antenna |                |
| EUT Pol. :              | E2        | Pol. :              | Horizontal     |



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 188.11       | S               | Peak                         | 46.62                             | -18.42       | 28.20                  | 43.5                   | -15.30       |
| 273.47       | S               | Peak                         | 45.85                             | -13.82       | 32.03                  | 46                     | -13.97       |
| 415.09       | S               | Peak                         | 41.84                             | -9.12        | 32.72                  | 46                     | -13.28       |
| 468.44       | S               | Peak                         | 41.48                             | -7.66        | 33.82                  | 46                     | -12.18       |
| 762.35       | S               | Peak                         | 40.28                             | -4.17        | 36.11                  | 46                     | -9.89        |
| 970.90       | S               | Peak                         | 39.39                             | -1.57        | 37.82                  | 54                     | -16.18       |

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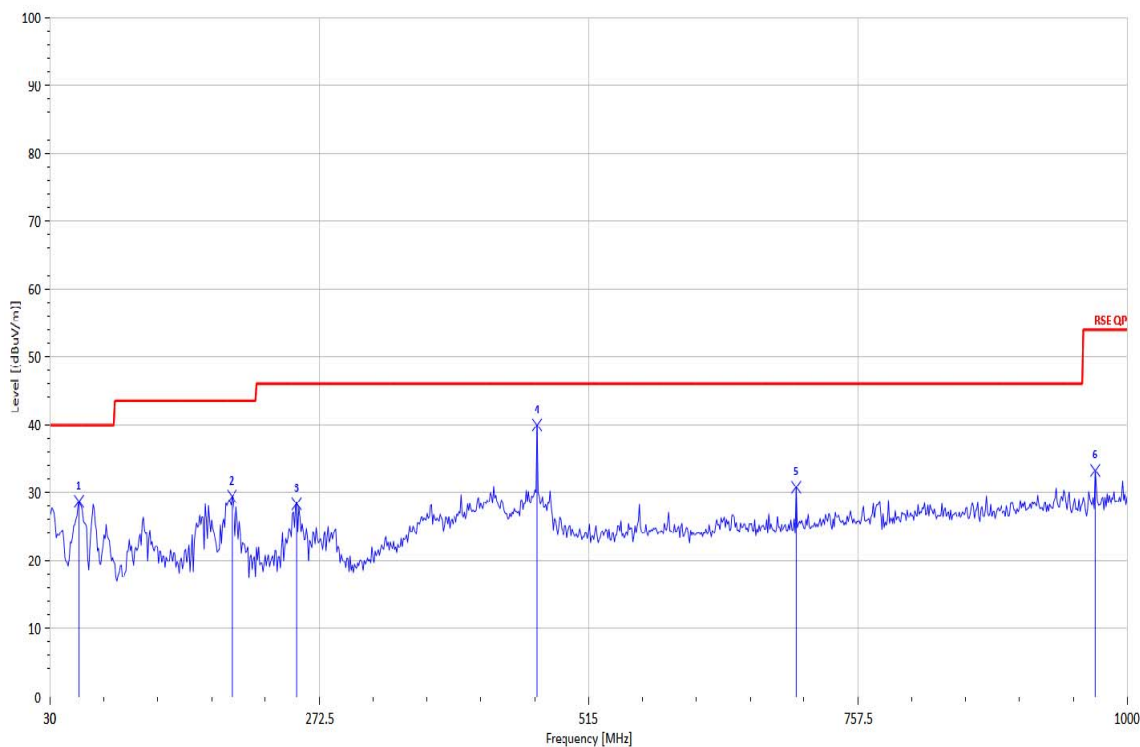
t (886-2) 2299-3279

f (886-2) 2298-0488

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Operation Mode : 802.11n40 Test Date : 2018/1/26  
Fundamental Frequency : 2437 MHz Temp. / Humi. : 23.5deg\_C/50RH  
Operation Band : TX CH MID Test Engineer : Ashton  
Measurement Antenna  
EUT Pol. : E2 Pol. : Vertical



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 56.19        | S               | Peak                         | 50.30                             | -21.58       | 28.72                  | 40                     | -11.28       |
| 193.93       | S               | Peak                         | 47.39                             | -17.94       | 29.45                  | 43.5                   | -14.05       |
| 252.13       | S               | Peak                         | 42.85                             | -14.46       | 28.39                  | 46                     | -17.61       |
| 468.44       | S               | Peak                         | 47.62                             | -7.66        | 39.96                  | 46                     | -6.04        |
| 702.21       | S               | Peak                         | 36.11                             | -5.30        | 30.81                  | 46                     | -15.19       |
| 970.90       | S               | Peak                         | 34.84                             | -1.57        | 33.27                  | 54                     | -20.73       |

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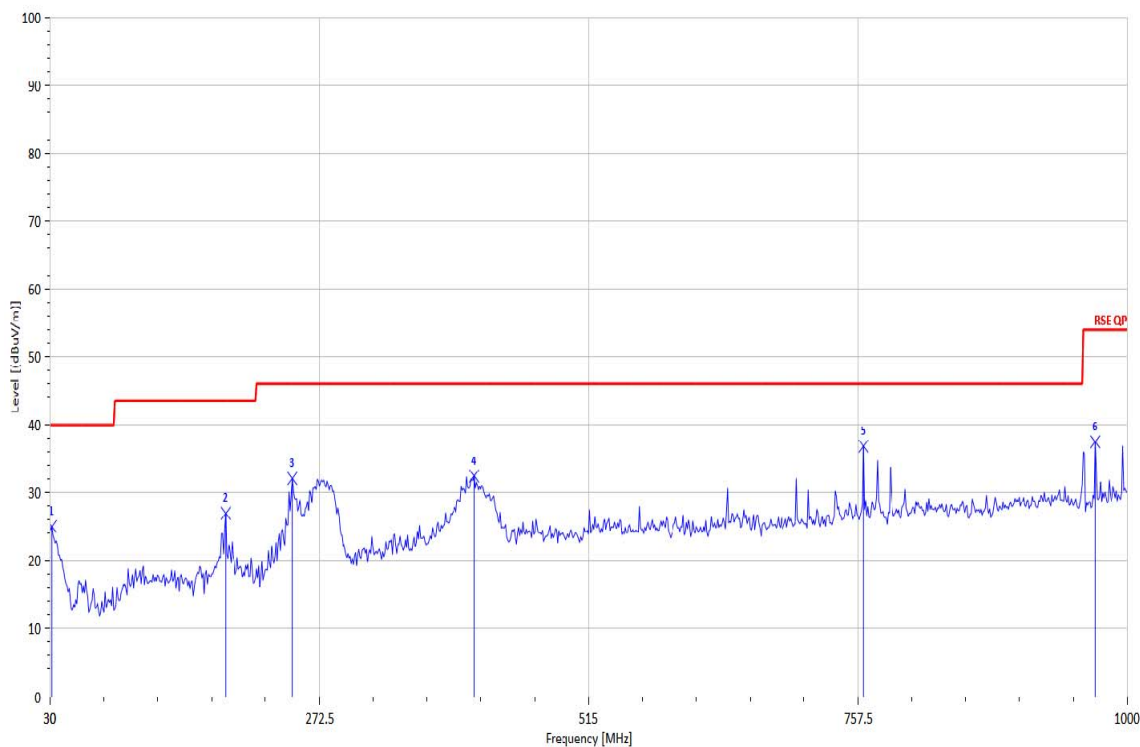
t (886-2) 2299-3279

f (886-2) 2298-0488

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Operation Mode : 802.11n40 Test Date : 2018/1/26  
 Fundamental Frequency : 2437 MHz Temp. / Humi. : 23.5deg\_C/50RH  
 Operation Band : TX CH MID Test Engineer : Ashton  
 Measurement Antenna  
 EUT Pol. : E2 Pol. : Horizontal



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 31.94        | S               | Peak                         | 33.26                             | -8.23        | 25.03                  | 40                     | -14.97       |
| 188.11       | S               | Peak                         | 45.38                             | -18.42       | 26.96                  | 43.5                   | -16.54       |
| 248.25       | S               | Peak                         | 46.81                             | -14.70       | 32.11                  | 46                     | -13.89       |
| 412.18       | S               | Peak                         | 41.85                             | -9.38        | 32.47                  | 46                     | -13.53       |
| 762.35       | S               | Peak                         | 41.02                             | -4.17        | 36.85                  | 46                     | -9.15        |
| 970.90       | S               | Peak                         | 39.07                             | -1.57        | 37.50                  | 54                     | -16.50       |

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Operation Mode : 802.11n40      Test Date : 2018/1/26  
 Fundamental Frequency : 2452 MHz      Temp. / Humi. : 23.5deg\_C/50RH  
 Operation Band : TX CH HIGH      Test Engineer : Ashton  
 Measurement Antenna  
 EUT Pol. : E2      Pol. : Vertical



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 69.77        | S               | Peak                         | 52.27                             | -21.79       | 30.48                  | 40                     | -9.52        |
| 188.11       | S               | Peak                         | 49.09                             | -18.42       | 30.67                  | 43.5                   | -12.83       |
| 468.44       | S               | Peak                         | 43.90                             | -7.66        | 36.24                  | 46                     | -9.76        |
| 702.21       | S               | Peak                         | 37.02                             | -5.30        | 31.72                  | 46                     | -14.28       |
| 762.35       | S               | Peak                         | 38.05                             | -4.17        | 33.88                  | 46                     | -12.12       |
| 970.90       | S               | Peak                         | 36.22                             | -1.57        | 34.65                  | 54                     | -19.35       |

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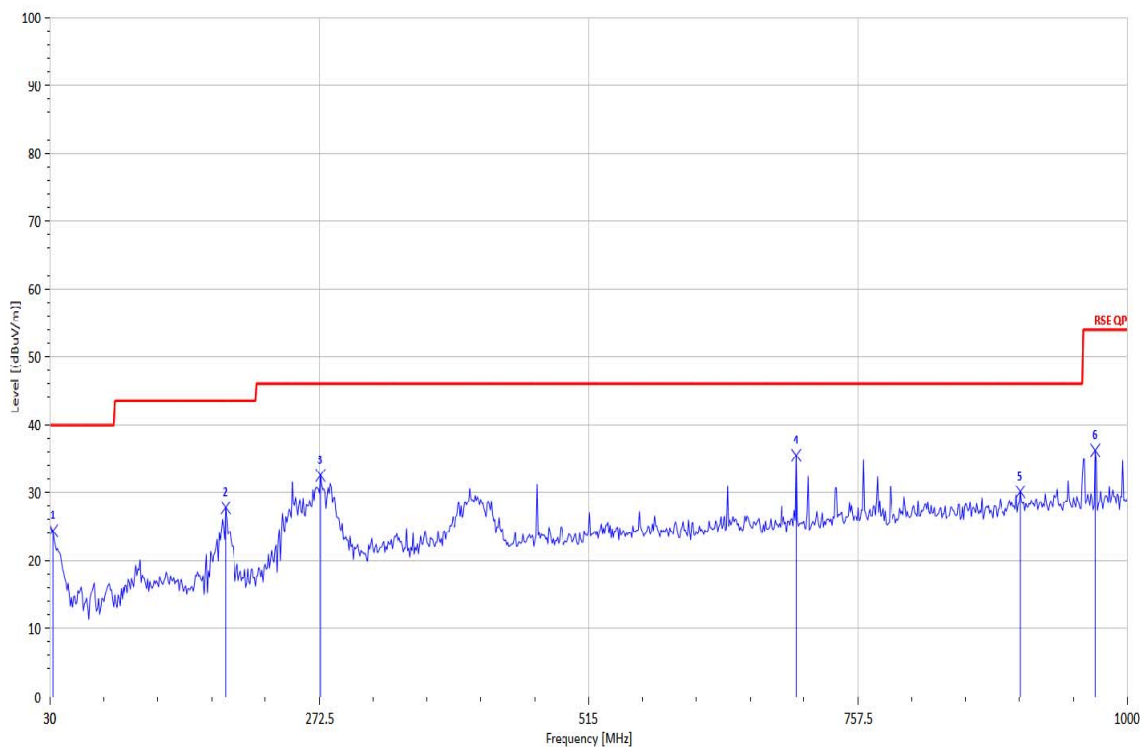
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Operation Mode : 802.11n40 Test Date : 2018/1/26  
 Fundamental Frequency : 2452 MHz Temp. / Humi. : 23.5deg\_C/50RH  
 Operation Band : TX CH HIGH Test Engineer : Ashton  
 Measurement Antenna  
 EUT Pol. : E2 Pol. : Horizontal



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 32.91        | S               | Peak                         | 33.13                             | -8.74        | 24.39                  | 40                     | -15.61       |
| 188.11       | S               | Peak                         | 46.25                             | -18.42       | 27.83                  | 43.5                   | -15.67       |
| 273.47       | S               | Peak                         | 46.40                             | -13.82       | 32.58                  | 46                     | -13.42       |
| 702.21       | S               | Peak                         | 40.81                             | -5.30        | 35.51                  | 46                     | -10.49       |
| 903.97       | S               | Peak                         | 31.96                             | -1.80        | 30.16                  | 46                     | -15.84       |
| 970.90       | S               | Peak                         | 37.81                             | -1.57        | 36.24                  | 54                     | -17.76       |

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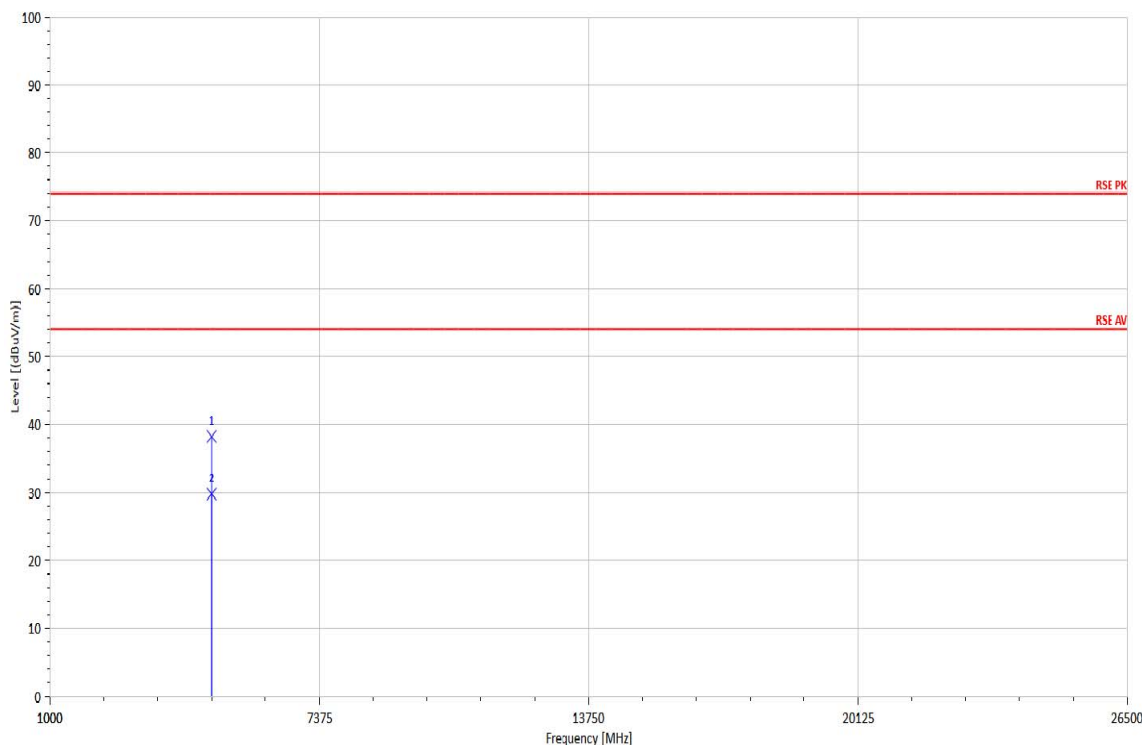
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## Radiated Spurious Emission Measurement Result (802.11b) above 1GHz

Operation Mode : 802.11b Test Date : 2017/8/9  
Fundamental Frequency : 2412 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch Low Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Vertical



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4824.00      | H               | Peak                         | 30.66                             | 7.58         | 38.23                  | 74                     | -35.77       |
| 4824.00      | H               | Average                      | 22.22                             | 7.58         | 29.80                  | 54                     | -24.20       |

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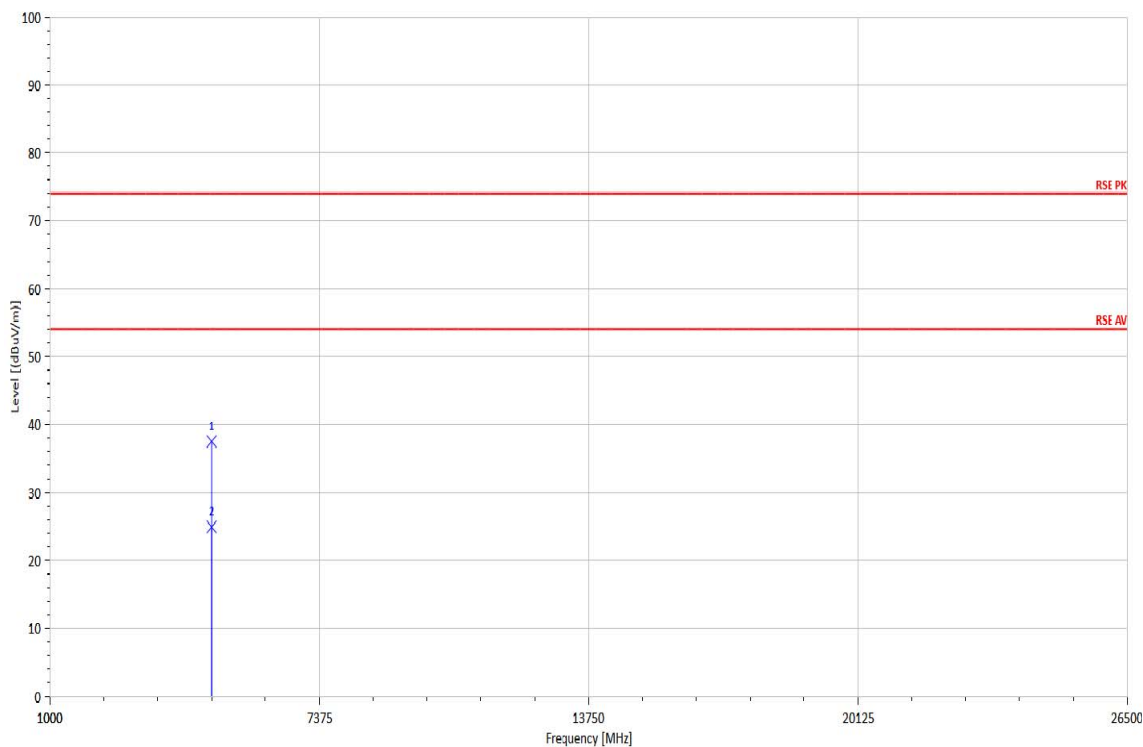
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Operation Mode : 802.11b Test Date : 2017/8/9  
Fundamental Frequency : 2412 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch Low Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Horizontal



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4824.00      | H               | Peak                         | 29.95                             | 7.58         | 37.53                  | 74                     | -36.47       |
| 4824.00      | H               | Average                      | 17.35                             | 7.58         | 24.93                  | 54                     | -29.07       |

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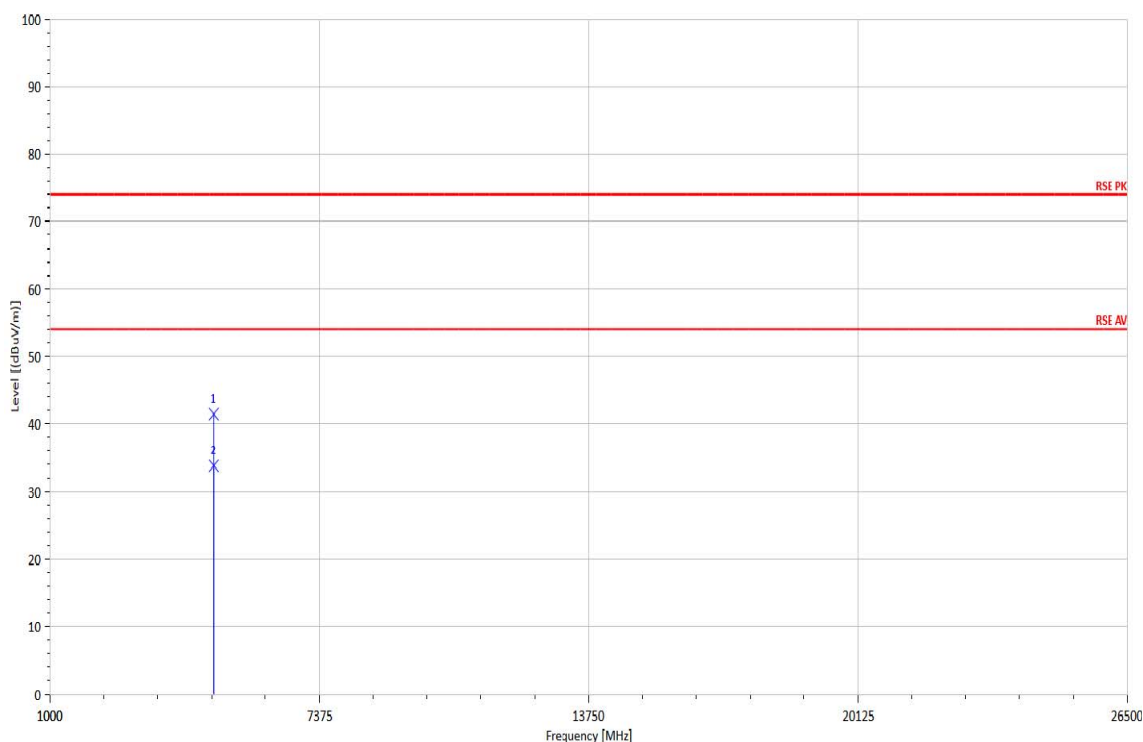
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Operation Mode : 802.11b Test Date : 2017/8/9  
Fundamental Frequency : 2437 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch Mid Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Vertical



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4874.00      | H               | Peak                         | 33.61                             | 7.86         | 41.47                  | 74                     | -32.53       |
| 4874.00      | H               | Average                      | 25.94                             | 7.91         | 33.85                  | 54                     | -20.15       |

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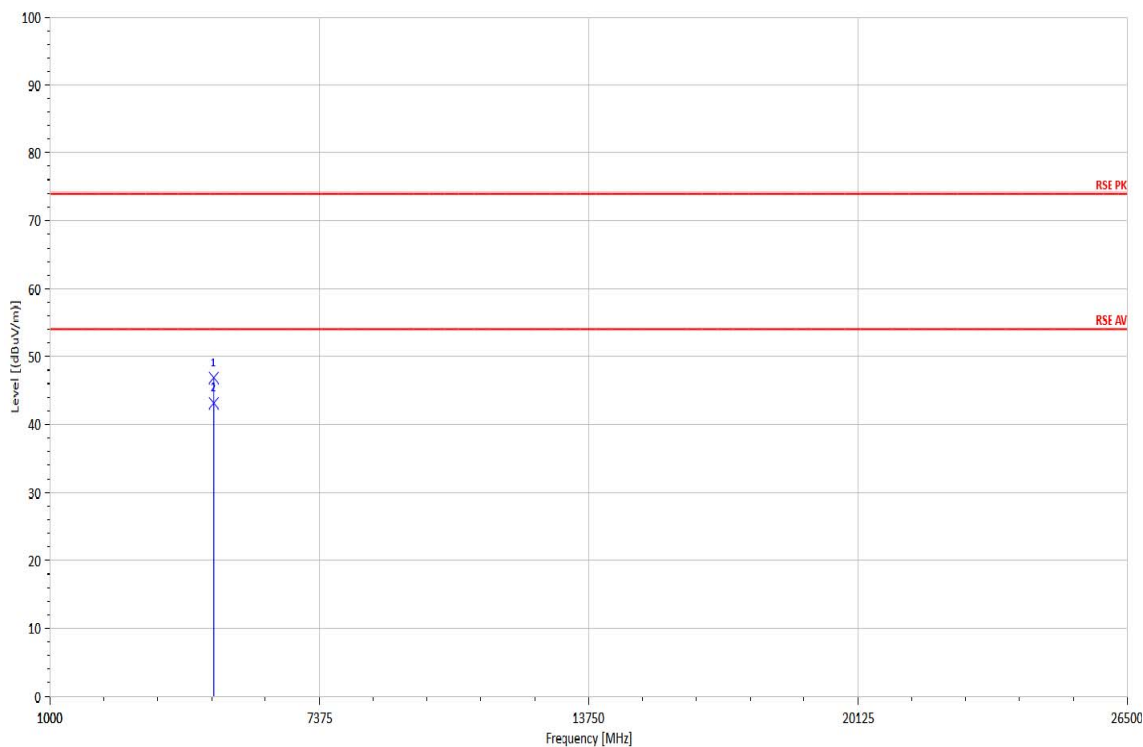
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Operation Mode : 802.11b Test Date : 2017/8/9  
Fundamental Frequency : 2437 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch Mid Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Horizontal



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4874.00      | H               | Peak                         | 39.02                             | 7.86         | 46.88                  | 74                     | -27.12       |
| 4874.00      | H               | Average                      | 35.25                             | 7.91         | 43.16                  | 54                     | -10.84       |

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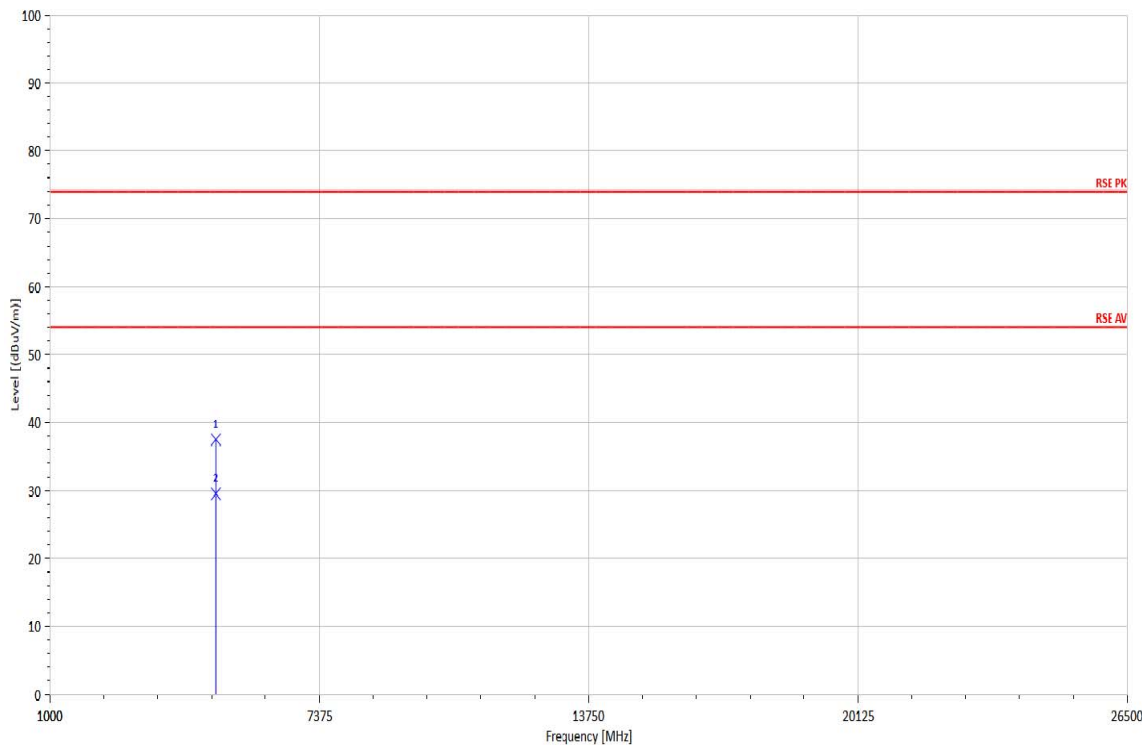
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Operation Mode : 802.11b Test Date : 2017/8/9  
Fundamental Frequency : 2462 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch High Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Vertical



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4924.00      | H               | Peak                         | 29.58                             | 7.92         | 37.51                  | 74                     | -36.49       |
| 4924.00      | H               | Average                      | 21.61                             | 7.92         | 29.53                  | 54                     | -24.47       |

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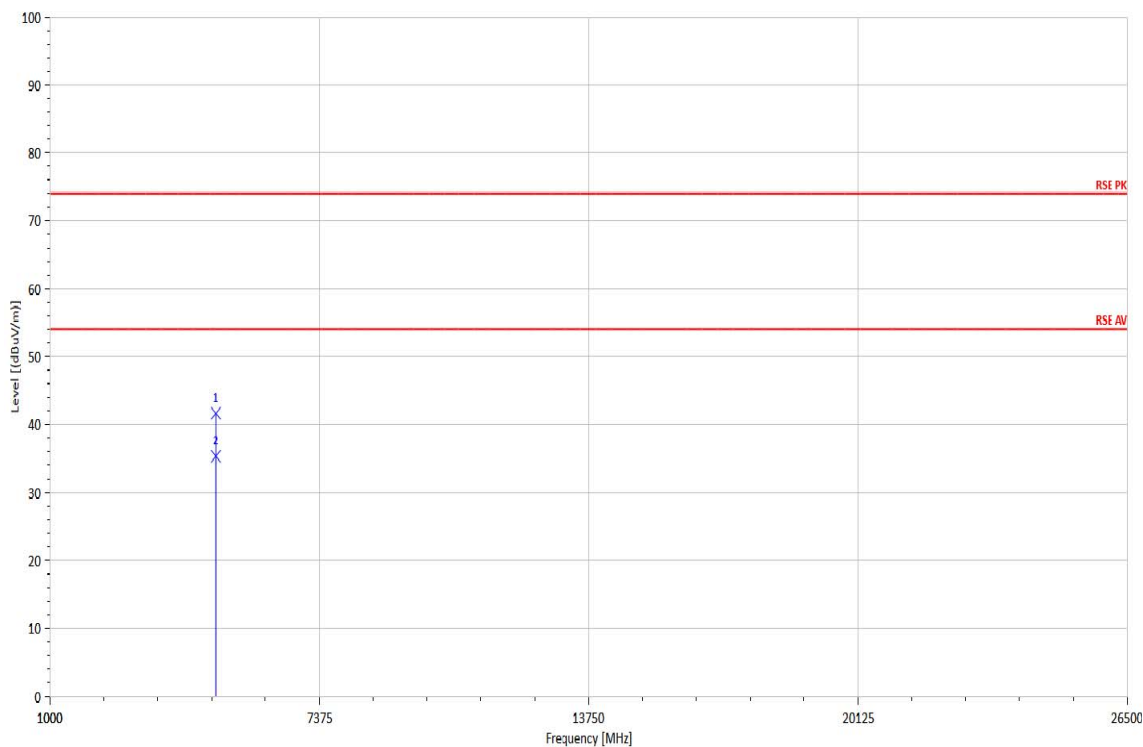
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Operation Mode : 802.11b Test Date : 2017/8/9  
Fundamental Frequency : 2462 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch High Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Horizontal



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4924.00      | H               | Peak                         | 33.64                             | 8.00         | 41.64                  | 74                     | -32.36       |
| 4924.00      | H               | Average                      | 27.43                             | 7.92         | 35.35                  | 54                     | -18.65       |

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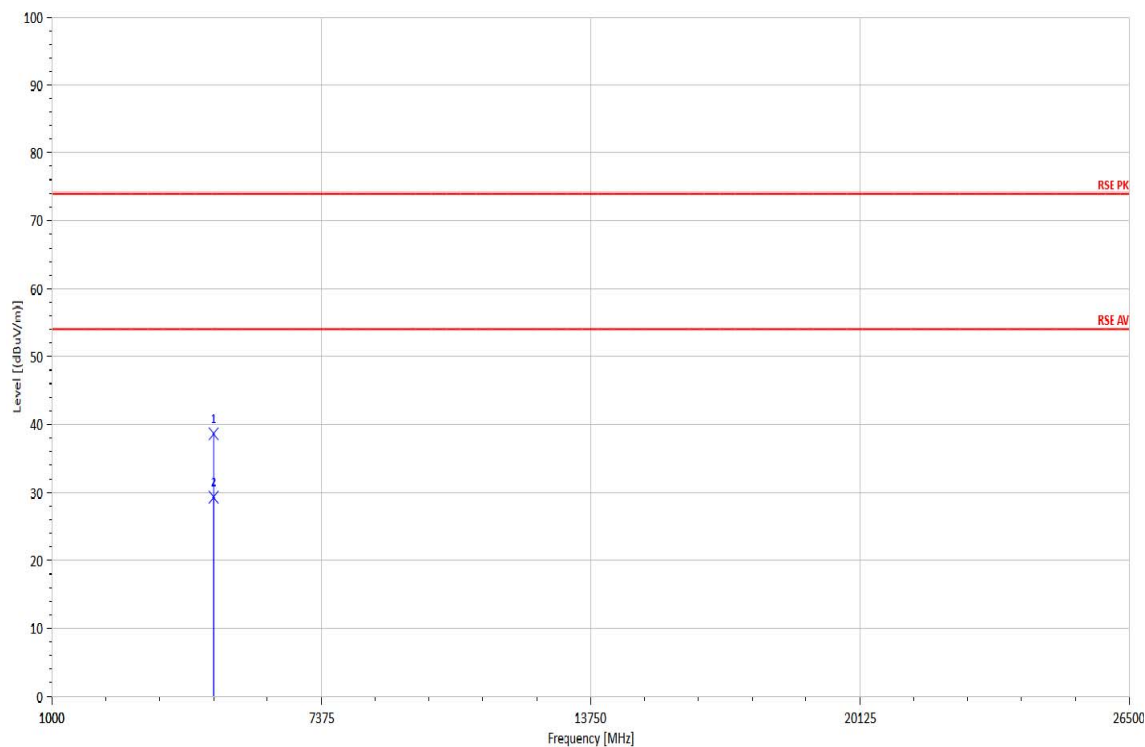
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## Radiated Spurious Emission Measurement Result (802.11g) above 1GHz

Operation Mode : 802.11g Test Date : 2017/8/9  
Fundamental Frequency : 2412 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch Low Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Vertical



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4824.00      | H               | Peak                         | 31.07                             | 7.58         | 38.65                  | 74                     | -35.35       |
| 4824.00      | H               | Average                      | 21.74                             | 7.58         | 29.32                  | 54                     | -24.68       |

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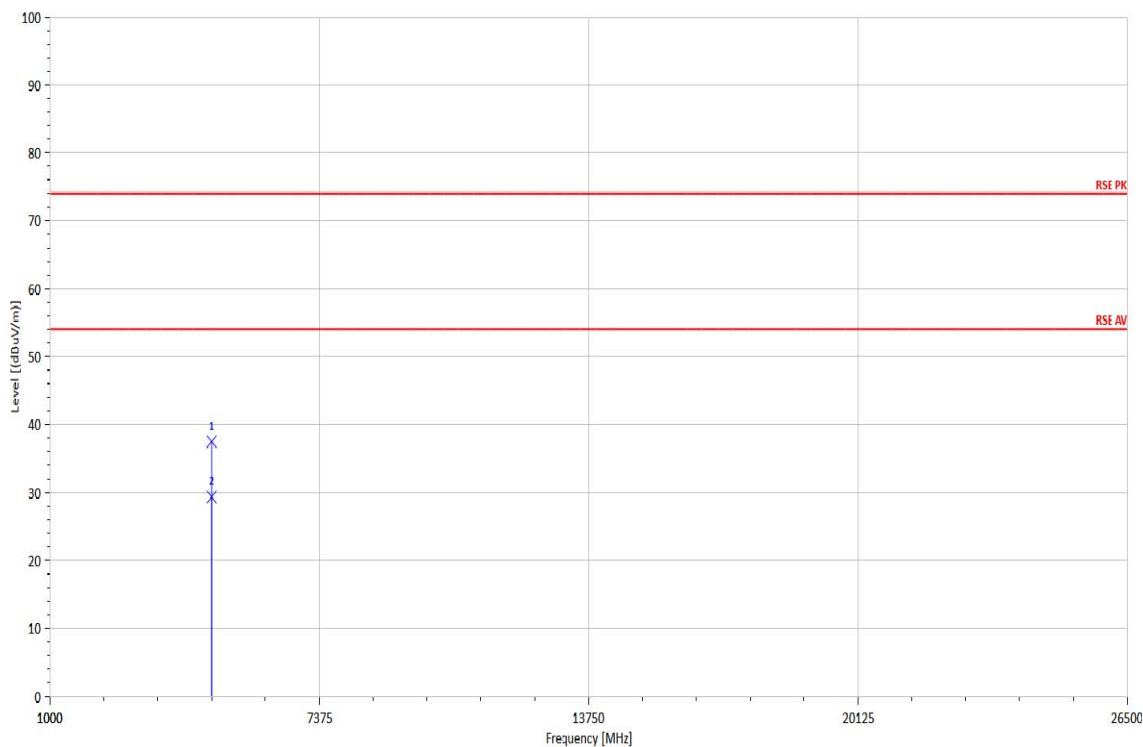
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Operation Mode : 802.11g Test Date : 2017/8/9  
Fundamental Frequency : 2412 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch Low Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Horizontal



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4824.00      | H               | Peak                         | 29.92                             | 7.58         | 37.50                  | 74                     | -36.50       |
| 4824.00      | H               | Average                      | 21.77                             | 7.58         | 29.35                  | 54                     | -24.65       |

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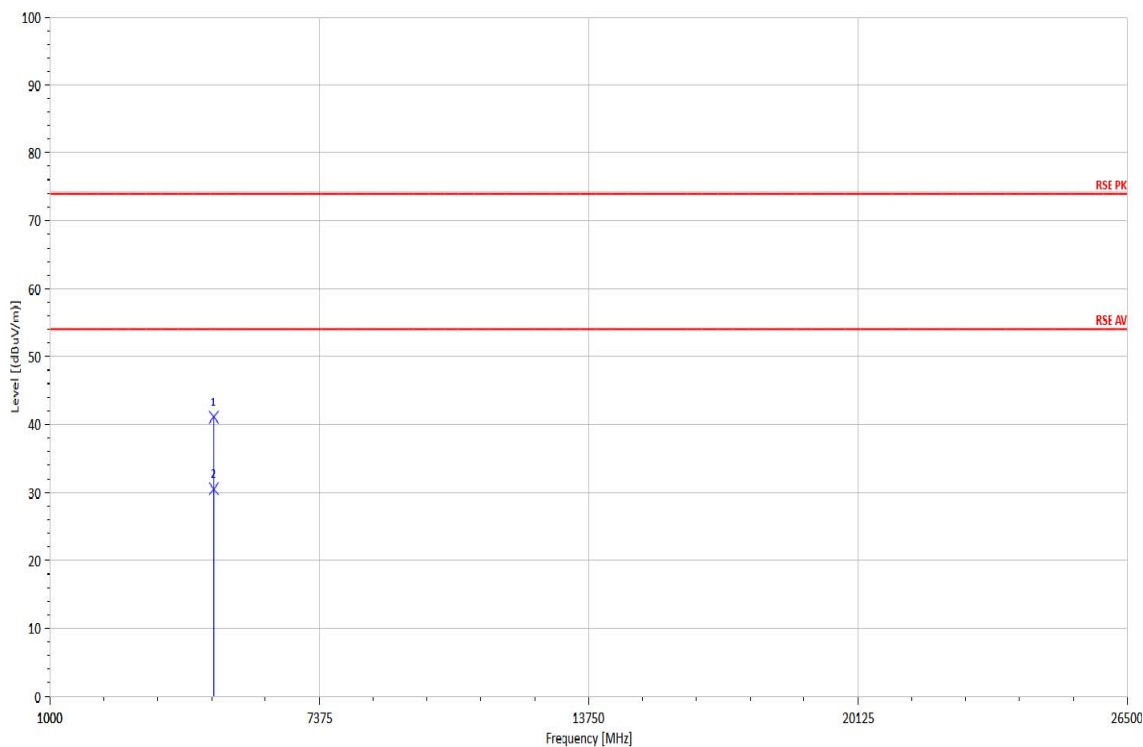
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Operation Mode : 802.11g Test Date : 2017/8/9  
Fundamental Frequency : 2437 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch Mid Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Vertical



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4874.00      | H               | Peak                         | 33.26                             | 7.86         | 41.12                  | 74                     | -32.88       |
| 4874.00      | H               | Average                      | 22.62                             | 7.91         | 30.53                  | 54                     | -23.47       |

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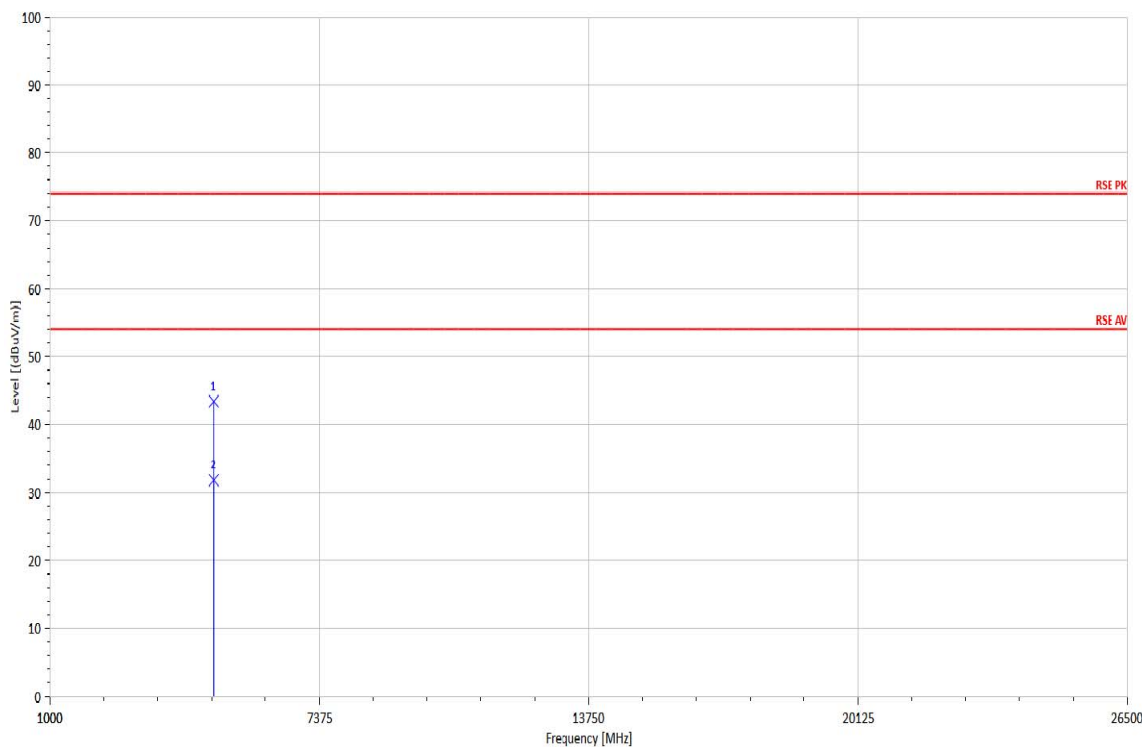
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Operation Mode : 802.11g Test Date : 2017/8/9  
Fundamental Frequency : 2437 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch Mid Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Horizontal



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4874.00      | H               | Peak                         | 35.54                             | 7.86         | 43.40                  | 74                     | -30.60       |
| 4874.00      | H               | Average                      | 23.92                             | 7.91         | 31.83                  | 54                     | -22.17       |

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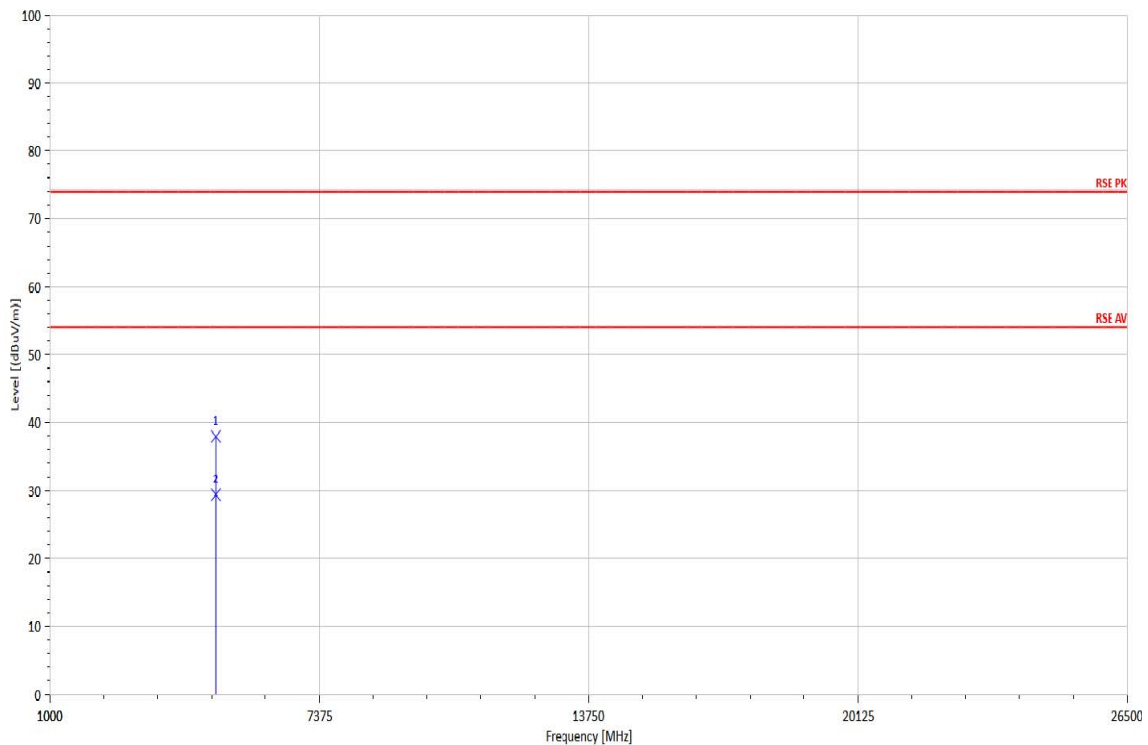
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Operation Mode : 802.11g Test Date : 2017/8/9  
Fundamental Frequency : 2462 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch High Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Vertical



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4924.00      | H               | Peak                         | 30.01                             | 7.92         | 37.94                  | 74                     | -36.06       |
| 4924.00      | H               | Average                      | 21.47                             | 7.92         | 29.39                  | 54                     | -24.61       |

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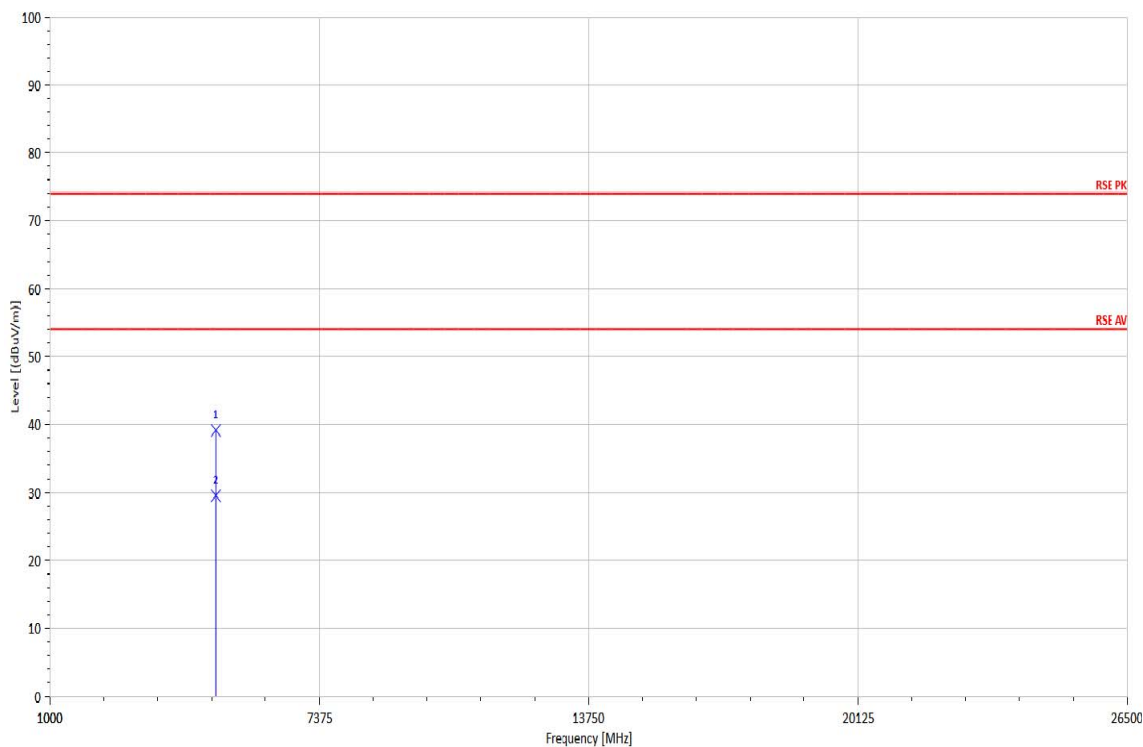
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Operation Mode : 802.11g Test Date : 2017/8/9  
Fundamental Frequency : 2462 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch High Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Horizontal



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4924.00      | H               | Peak                         | 31.23                             | 7.92         | 39.15                  | 74                     | -34.85       |
| 4924.00      | H               | Average                      | 21.62                             | 7.92         | 29.54                  | 54                     | -24.46       |

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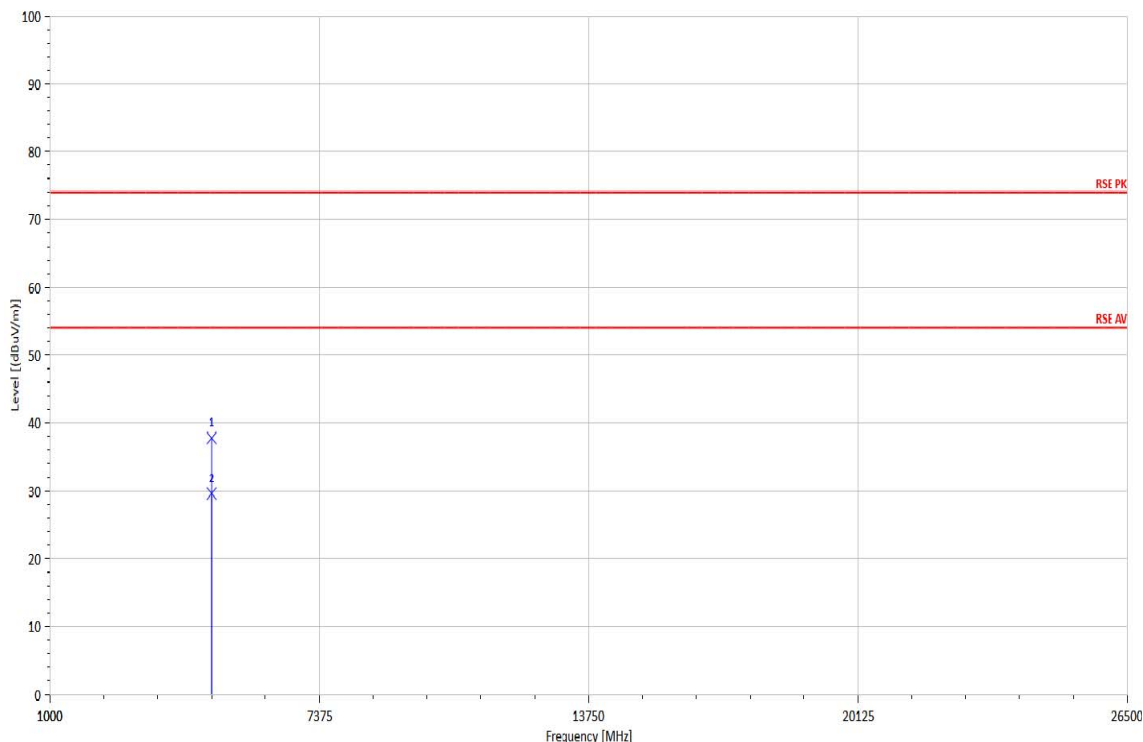
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# Radiated Spurious Emission Measurement Result (802.11n\_20M) above 1GHz

|                         |           |                     |                |
|-------------------------|-----------|---------------------|----------------|
| Operation Mode :        | 802.11n20 | Test Date :         | 2017/8/9       |
| Fundamental Frequency : | 2412 MHz  | Temp. / Humi. :     | 22.7deg_C/57RH |
| Operation Band :        | Tx Ch Low | Test Engineer :     | Enzo           |
|                         |           | Measurement Antenna |                |
| EUT Pol. :              | E2        | Pol. :              | Vertical       |



| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 4824.00 | H       | Peak          | 30.19                  | 7.58   | 37.76     | 74        | -36.24 |
| 4824.00 | H       | Average       | 22.04                  | 7.58   | 29.62     | 54        | -24.38 |

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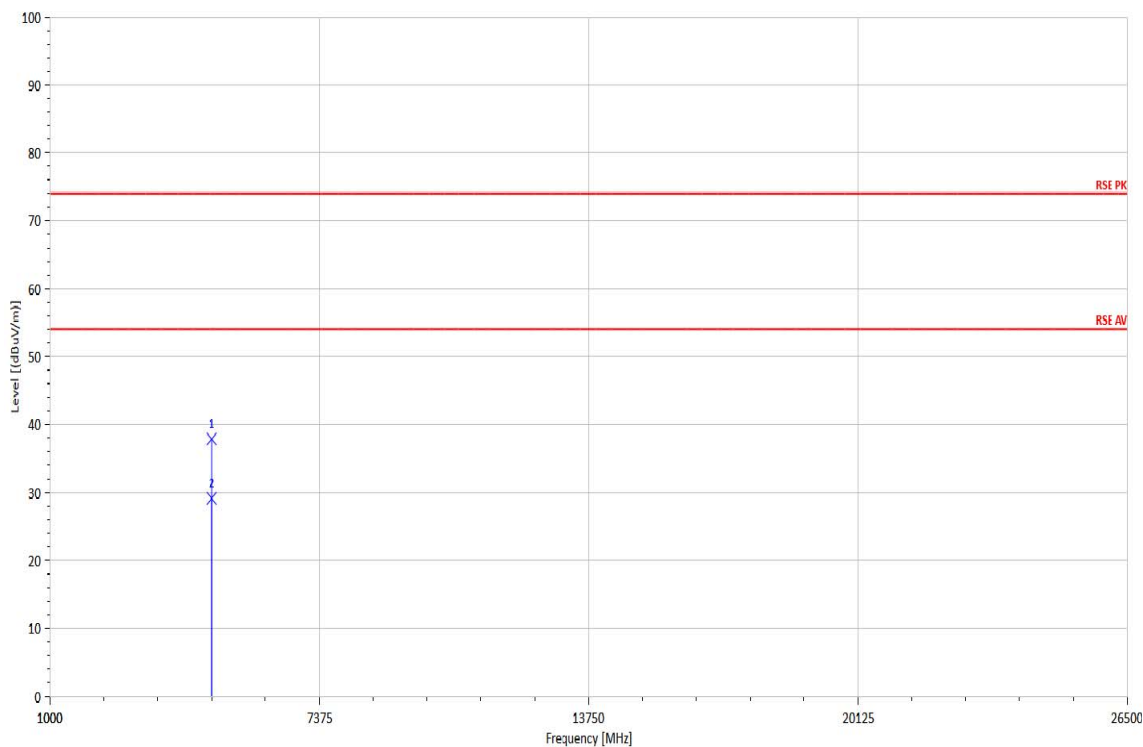
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Operation Mode : 802.11n20 Test Date : 2017/8/9  
Fundamental Frequency : 2412 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch Low Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Horizontal



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4824.00      | H               | Peak                         | 30.28                             | 7.58         | 37.85                  | 74                     | -36.15       |
| 4824.00      | H               | Average                      | 21.55                             | 7.58         | 29.13                  | 54                     | -24.87       |

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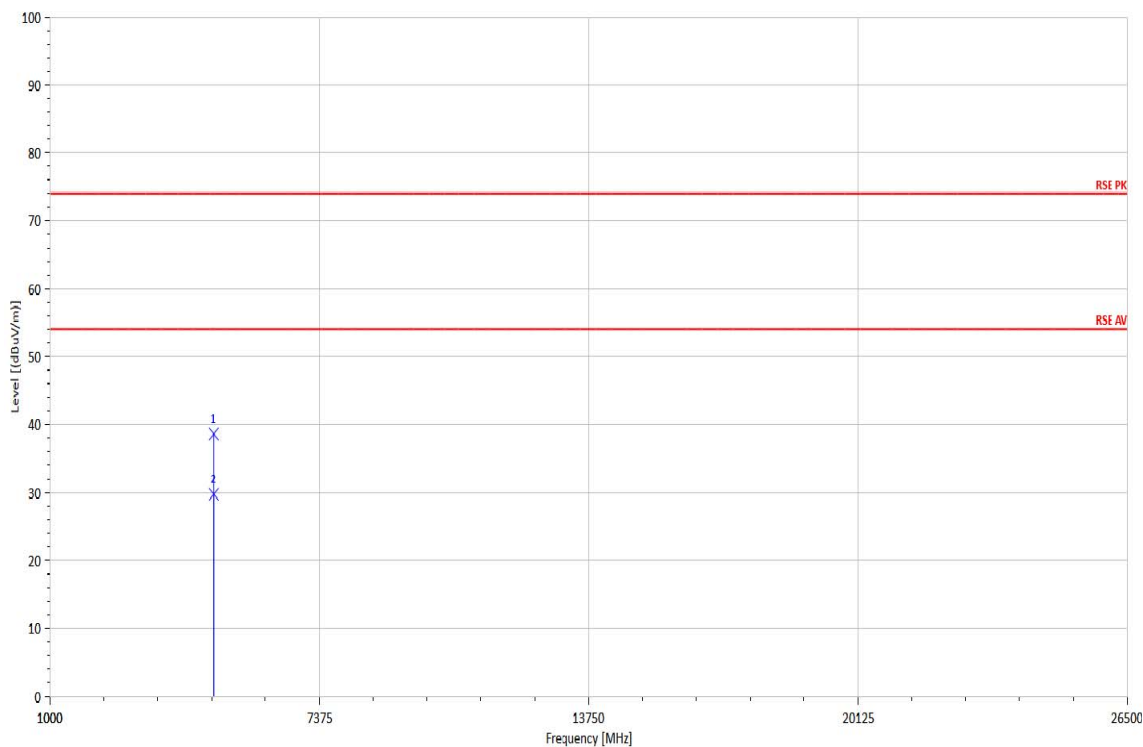
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Operation Mode : 802.11n20 Test Date : 2017/8/9  
Fundamental Frequency : 2437 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch Mid Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Vertical



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4874.00      | H               | Peak                         | 30.71                             | 7.91         | 38.62                  | 74                     | -35.38       |
| 4874.00      | H               | Average                      | 21.85                             | 7.91         | 29.76                  | 54                     | -24.24       |

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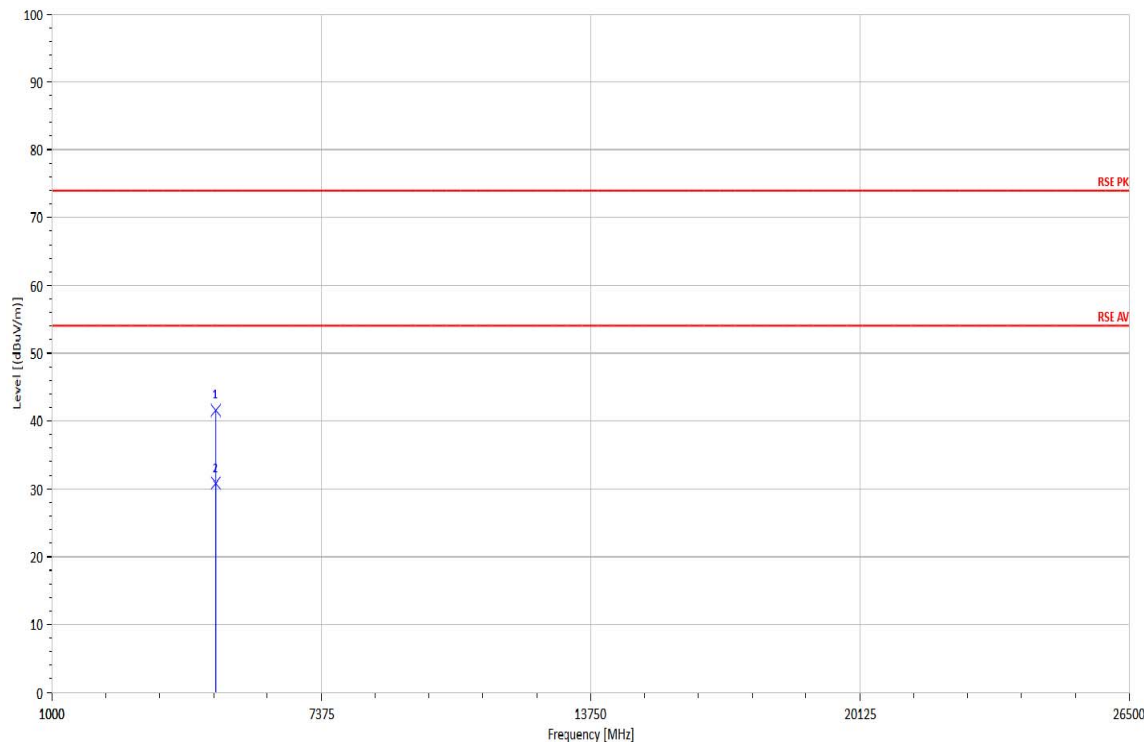
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Fundamental Frequency : 2437 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch Mid Test Engineer : Enzo  
EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4874.00      | H               | Peak                         | 33.72                             | 7.86         | 41.58                  | 74                     | -32.42       |
| 4874.00      | H               | Average                      | 22.93                             | 7.91         | 30.84                  | 54                     | -23.16       |

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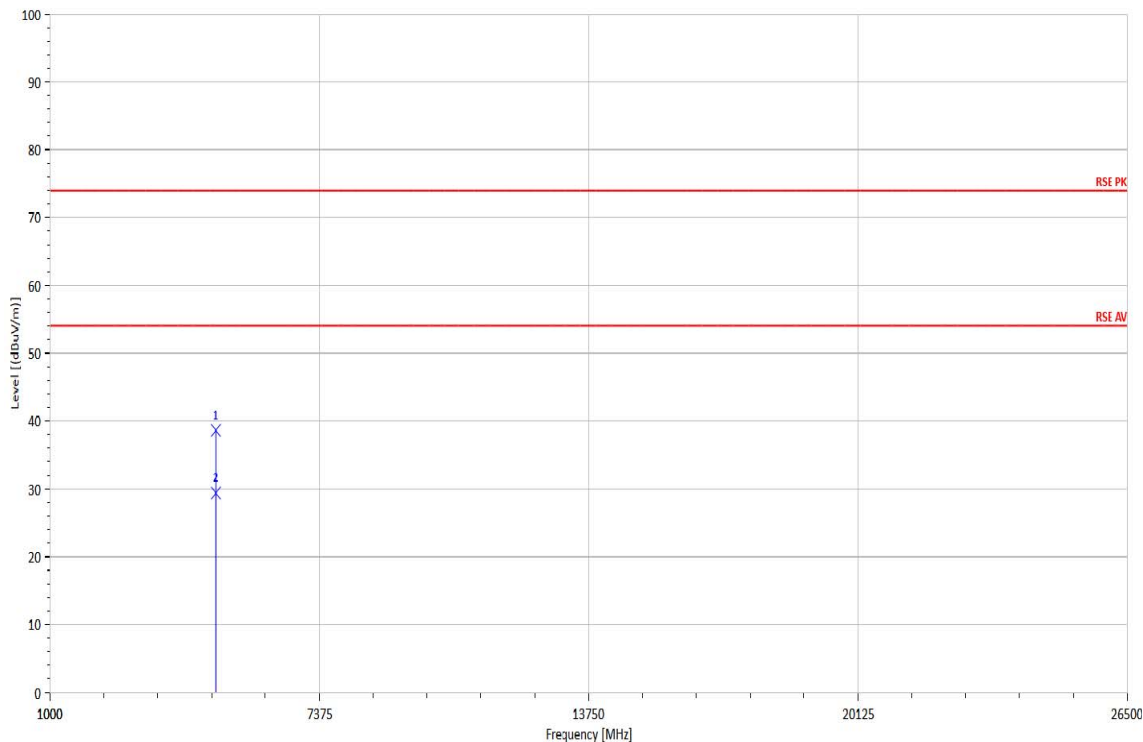
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Operation Mode : 802.11n20 Test Date : 2017/8/9  
Fundamental Frequency : 2462 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch High Test Engineer : Enzo  
EUT Pol. : E2 Measurement Antenna Pol. : Vertical



| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 4924.00 | H       | Peak          | 30.71                  | 7.92   | 38.63     | 74        | -35.37 |
| 4924.00 | H       | Average       | 21.47                  | 7.92   | 29.39     | 54        | -24.61 |

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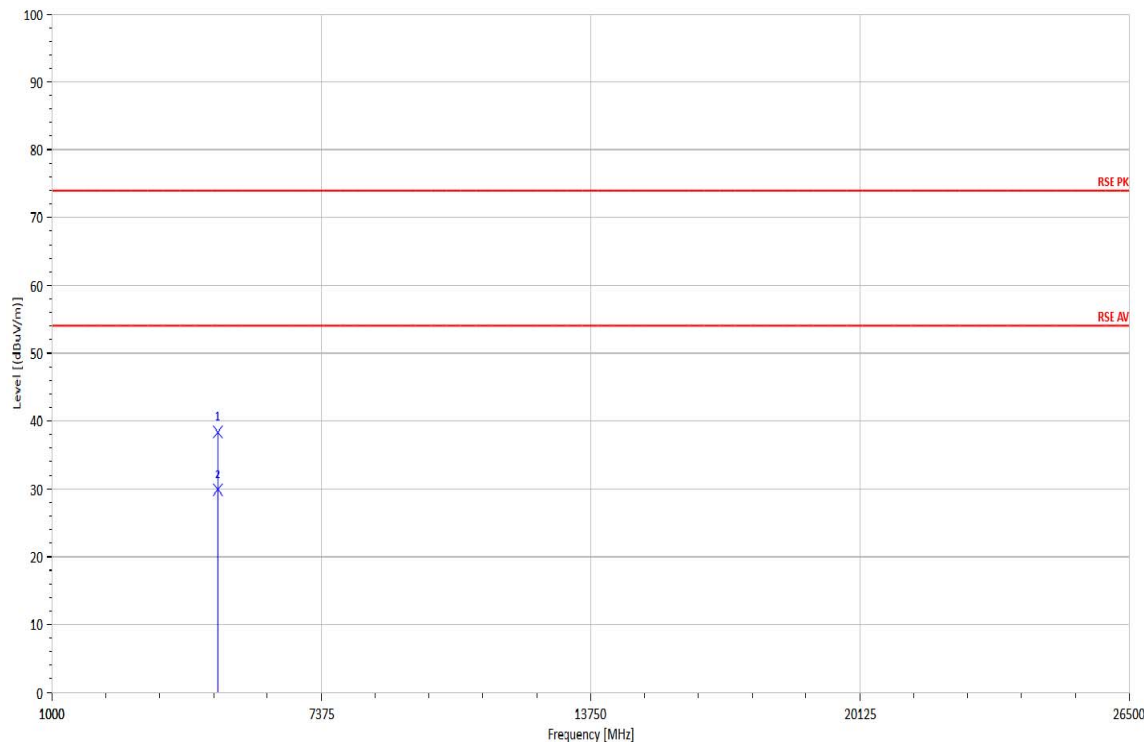
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Operation Mode : 802.11n20 Test Date : 2017/8/9  
Fundamental Frequency : 2462 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch High Test Engineer : Enzo  
EUT Pol. : E2 Measurement Antenna Pol. : Horizontal



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4924.00      | H               | Peak                         | 30.45                             | 7.92         | 38.37                  | 74                     | -35.63       |
| 4924.00      | H               | Average                      | 21.98                             | 7.92         | 29.90                  | 54                     | -24.10       |

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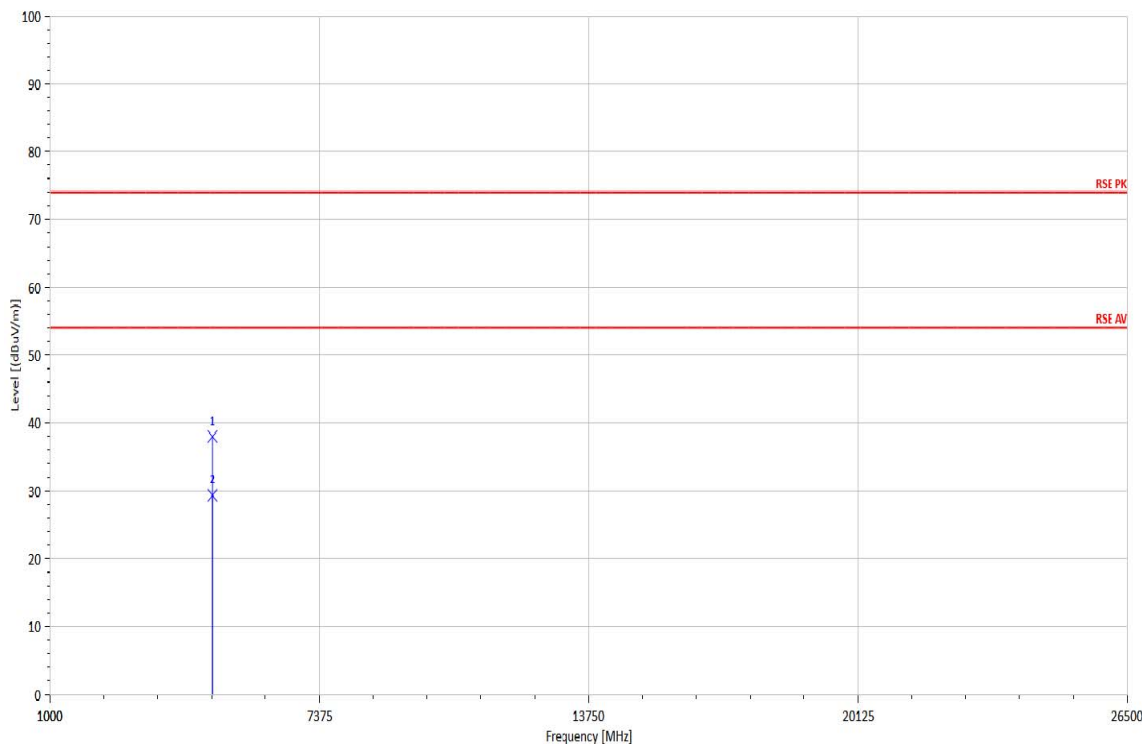
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# Radiated Spurious Emission Measurement Result (802.11n\_40M) above 1GHz

Operation Mode : 802.11n40 Test Date : 2017/8/9  
Fundamental Frequency : 2422 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch Low Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Vertical



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4844.00      | H               | Peak                         | 30.43                             | 7.55         | 37.98                  | 74                     | -36.02       |
| 4844.00      | H               | Average                      | 21.79                             | 7.55         | 29.34                  | 54                     | -24.66       |

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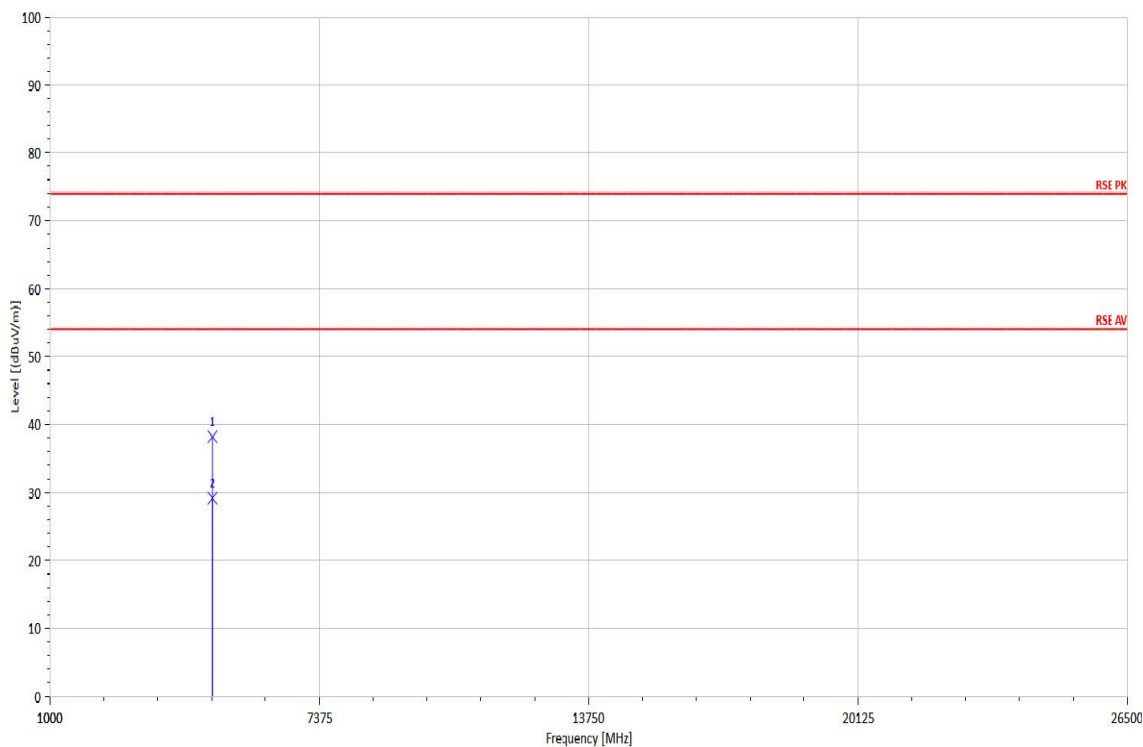
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Operation Mode : 802.11n40 Test Date : 2017/8/9  
Fundamental Frequency : 2422 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch Low Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Horizontal



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4844.00      | H               | Peak                         | 30.66                             | 7.55         | 38.21                  | 74                     | -35.79       |
| 4844.00      | H               | Average                      | 21.61                             | 7.55         | 29.16                  | 54                     | -24.84       |

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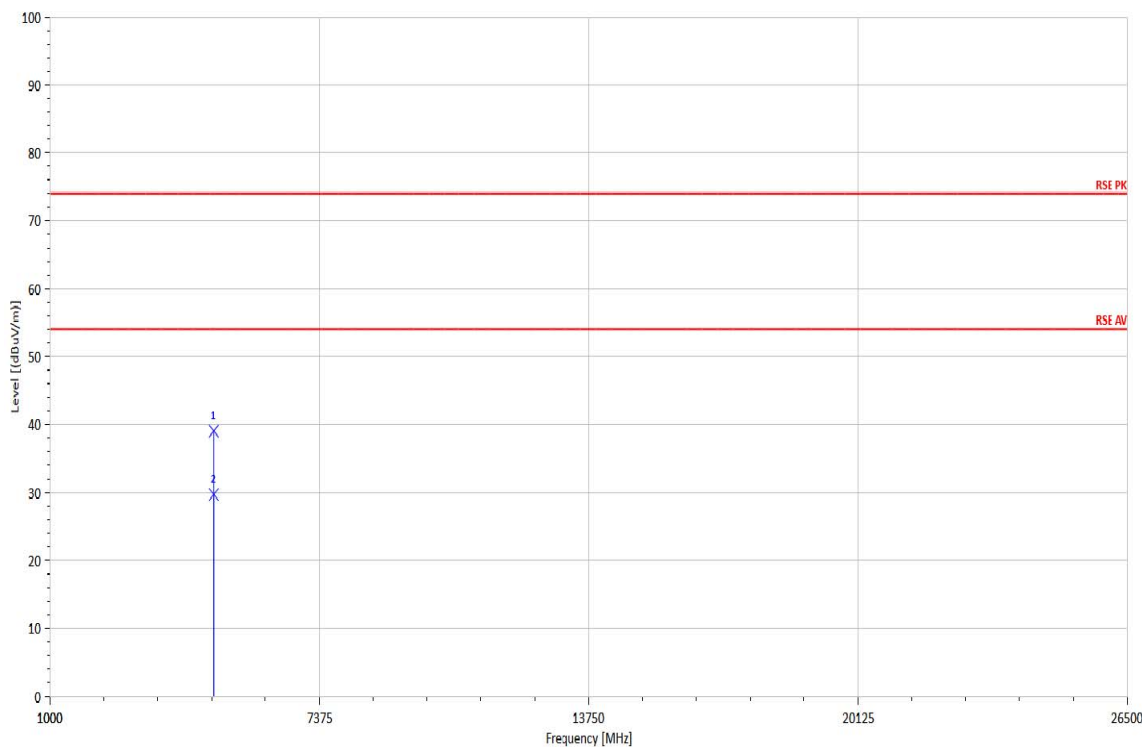
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Operation Mode : 802.11n40 Test Date : 2017/8/9  
Fundamental Frequency : 2437 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch Mid Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Vertical



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4874.00      | S               | Peak                         | 31.14                             | 7.91         | 39.05                  | 74                     | -34.95       |
| 4874.00      | S               | Average                      | 21.81                             | 7.91         | 29.72                  | 54                     | -24.28       |

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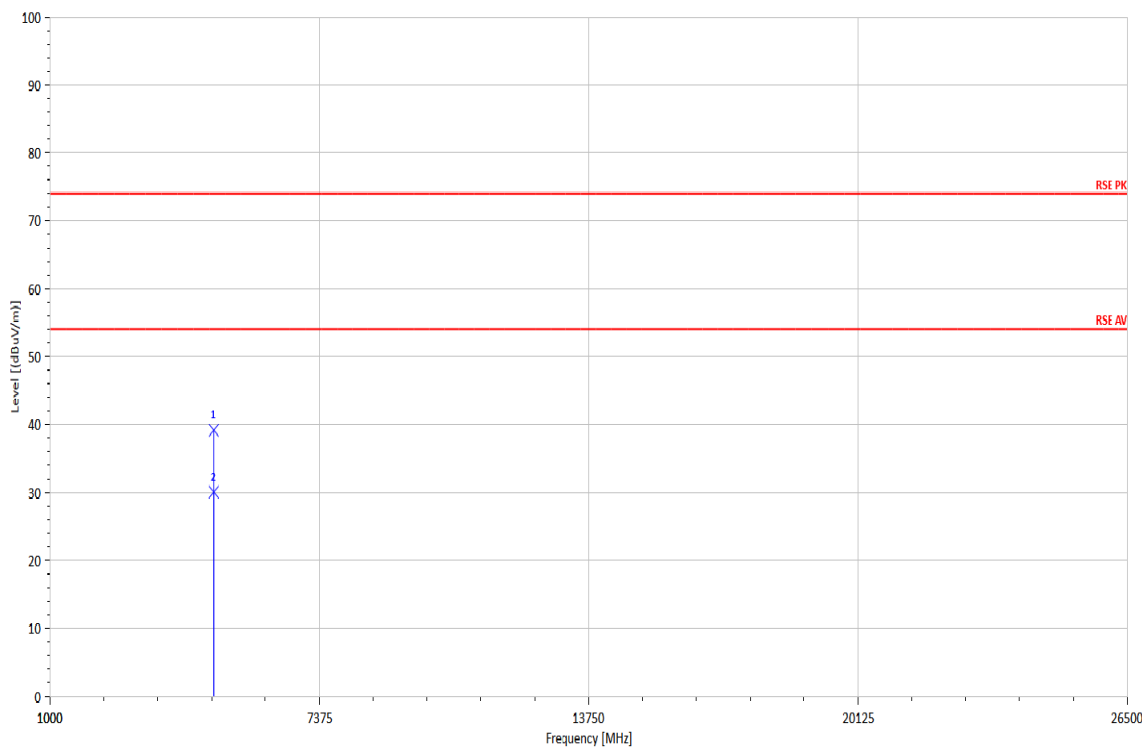
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Operation Mode : 802.11n40 Test Date : 2017/8/9  
Fundamental Frequency : 2437 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch Mid Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Horizontal



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4874.00      | H               | Peak                         | 31.27                             | 7.91         | 39.18                  | 74                     | -34.82       |
| 4874.00      | H               | Average                      | 22.15                             | 7.91         | 30.06                  | 54                     | -23.94       |

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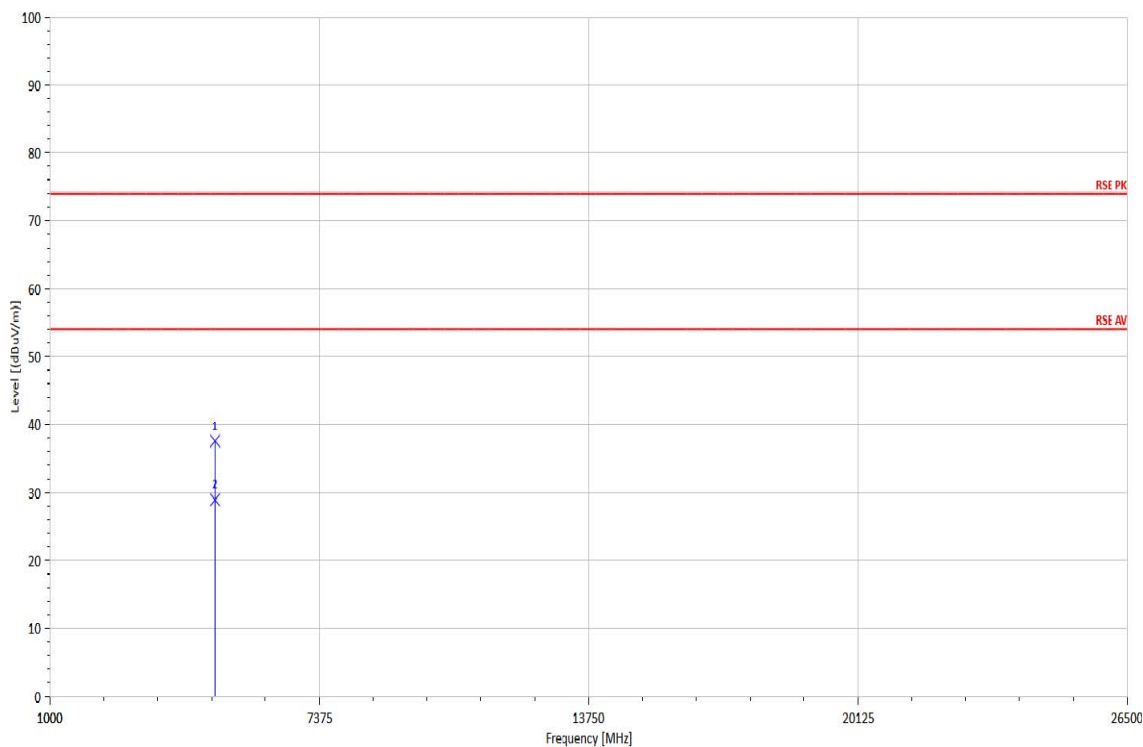
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Operation Mode : 802.11n40 Test Date : 2017/8/9  
Fundamental Frequency : 2452 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch High Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Vertical



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4904.00      | H               | Peak                         | 30.14                             | 7.44         | 37.59                  | 74                     | -36.41       |
| 4904.00      | H               | Average                      | 21.47                             | 7.44         | 28.91                  | 54                     | -25.09       |

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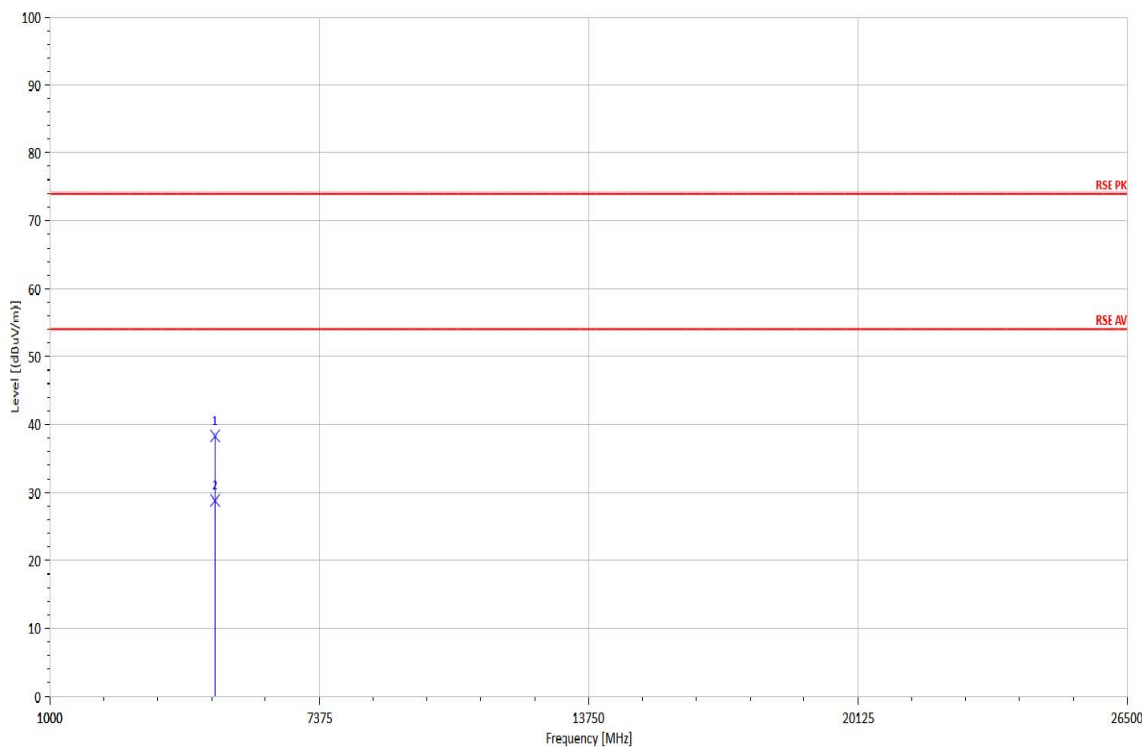
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Operation Mode : 802.11n40 Test Date : 2017/8/9  
Fundamental Frequency : 2452 MHz Temp. / Humi. : 22.7deg\_C/57RH  
Operation Band : Tx Ch High Test Engineer : Enzo  
Measurement Antenna  
EUT Pol. : E2 Pol. : Horizontal



| Freq.<br>MHz | Note<br>F/H/E/S | Detector<br>Mode<br>PK/QP/AV | Spectrum<br>Reading Level<br>dBμV | Factor<br>dB | Actual<br>FS<br>dBμV/m | Limit<br>@3m<br>dBμV/m | Margin<br>dB |
|--------------|-----------------|------------------------------|-----------------------------------|--------------|------------------------|------------------------|--------------|
| 4904.00      | H               | Peak                         | 30.85                             | 7.44         | 38.30                  | 74                     | -35.70       |
| 4904.00      | H               | Average                      | 21.36                             | 7.44         | 28.80                  | 54                     | -25.20       |

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## 12 PEAK POWER SPECTRAL DENSITY

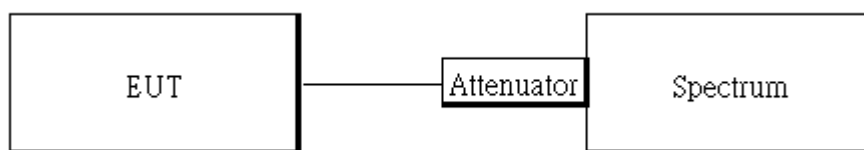
### 12.1 Standard Applicable

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.

### 12.2 Measurement Equipment Used

| Conducted Emission Test Site |           |              |               |            |            |
|------------------------------|-----------|--------------|---------------|------------|------------|
| EQUIPMENT TYPE               | MFR       | MODEL NUMBER | SERIAL NUMBER | LAST CAL.  | CAL DUE.   |
| Spectrum Analyzer            | KEYSIGHT  | N9010A       | MY51440113    | 06/20/2017 | 06/19/2018 |
| DC Block                     | PASTERNAK | PE8210       | RF29          | 12/24/2017 | 12/23/2018 |
| Attenuator                   | WOKEN     | 218FS-10     | RF23          | 12/24/2017 | 12/23/2018 |

### 12.3 Test Set-up



### 12.4 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. For defining Restricted Band Edge Limit:  
Set the RBW = 100kHz & VBW = 300 kHz
6. Detector = peak.
7. Sweep time = auto couple.
8. Trace mode = max hold.
9. Allow trace to fully stabilize.
10. Use the peak marker function to determine the maximum amplitude level.
11. 802.11n MIMO mode: offset is set following “measure and add 10 Log (N)” on spectrum to measure the PSD for MIMO mode. Offset = cable loss + 10 log (N), where N is number of transmitting antenna. N=2 for this given application.

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**Note:**

Antenna Gain: 6.57 dBi

Aux1 Antenna Gain: 6.88 dBi

Aux2 Antenna Gain: 0.00 dBi

Aux3 Antenna Gain: 0.00 dBi

Number Antenna: 2 pcs

Limit: 8 dBm

The antenna gain is grater than 6dBi in MIMO mode the limit reduce as below:

Directional gain = gain of antenna element + 10 log (# of TX antenna elements)

Effective Legacy Gain (dBi) = 6.88+3.01=9.89dBi

Limit: 8dBm – (9.89– 6dBi)=4.11dBm

**12.5 Measurement Result**

| POWER DENSITY 802.11b |                            |             |                             |             |        |
|-----------------------|----------------------------|-------------|-----------------------------|-------------|--------|
| Freq. (MHz)           | PPSD W/O Duty Factor (dBm) | Duty Factor | PPSD With Duty Factor (dBm) | Limit (dBm) | Result |
| 2412                  | -6.05                      | 0.03        | -6.02                       | 7.12        | PASS   |
| 2437                  | -1.32                      | 0.03        | -1.29                       | 7.12        | PASS   |
| 2462                  | -3.27                      | 0.03        | -3.24                       | 7.12        | PASS   |

| POWER DENSITY 802.11g |                            |             |                             |             |        |
|-----------------------|----------------------------|-------------|-----------------------------|-------------|--------|
| Freq. (MHz)           | PPSD W/O Duty Factor (dBm) | Duty Factor | PPSD With Duty Factor (dBm) | Limit (dBm) | Result |
| 2412                  | -9.63                      | 0.16        | -9.47                       | 7.12        | PASS   |
| 2437                  | -3.84                      | 0.16        | -3.68                       | 7.12        | PASS   |
| 2462                  | -9.42                      | 0.16        | -9.26                       | 7.12        | PASS   |

| POWER DENSITY 802.11n HT20 |                            |             |                             |             |        |
|----------------------------|----------------------------|-------------|-----------------------------|-------------|--------|
| Freq. (MHz)                | PPSD W/O Duty Factor (dBm) | Duty Factor | PPSD With Duty Factor (dBm) | Limit (dBm) | Result |
| 2412                       | -7.89                      | 0.32        | -7.57                       | 4.11        | PASS   |
| 2437                       | -2.94                      | 0.32        | -2.62                       | 4.11        | PASS   |
| 2462                       | -7.25                      | 0.32        | -6.93                       | 4.11        | PASS   |

| POWER DENSITY 802.11n HT40 |                            |             |                             |             |        |
|----------------------------|----------------------------|-------------|-----------------------------|-------------|--------|
| Freq. (MHz)                | PPSD W/O Duty Factor (dBm) | Duty Factor | PPSD With Duty Factor (dBm) | Limit (dBm) | Result |
| 2422                       | -15.92                     | 0.46        | -15.46                      | 4.11        | PASS   |
| 2437                       | -6.01                      | 0.46        | -5.55                       | 4.11        | PASS   |
| 2452                       | -15.26                     | 0.46        | -14.80                      | 4.11        | PASS   |

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| Bandedge Limit 802.11b MODE |           |                      | Bandedge Limit 802.11g MODE |           |                      |
|-----------------------------|-----------|----------------------|-----------------------------|-----------|----------------------|
| Freq. (MHz)                 | PSD (dBm) | Bandedge Limit (dBm) | Freq. (MHz)                 | PSD (dBm) | Bandedge Limit (dBm) |
| 2412                        | 9.15      | -10.85               | 2412                        | 4.29      | -15.71               |
| 2462                        | 11.09     | -8.91                | 2462                        | 5.31      | -14.69               |

| Bandedge Limit 802.11n20 MODE |           |                      | Bandedge Limit 802.11n40 MODE |           |                      |
|-------------------------------|-----------|----------------------|-------------------------------|-----------|----------------------|
| Freq. (MHz)                   | PSD (dBm) | Bandedge Limit (dBm) | Freq. (MHz)                   | PSD (dBm) | Bandedge Limit (dBm) |
| 2412                          | 7.81      | -12.19               | 2422                          | -0.59     | -20.59               |
| 2462                          | 9.01      | -10.99               | 2452                          | 0.16      | -19.84               |

\*Refer to next page for plots

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802.11b

## Power Spectral Density Test Plot (CH-Low)



## Power Spectral Density Test Plot (CH-Mid)



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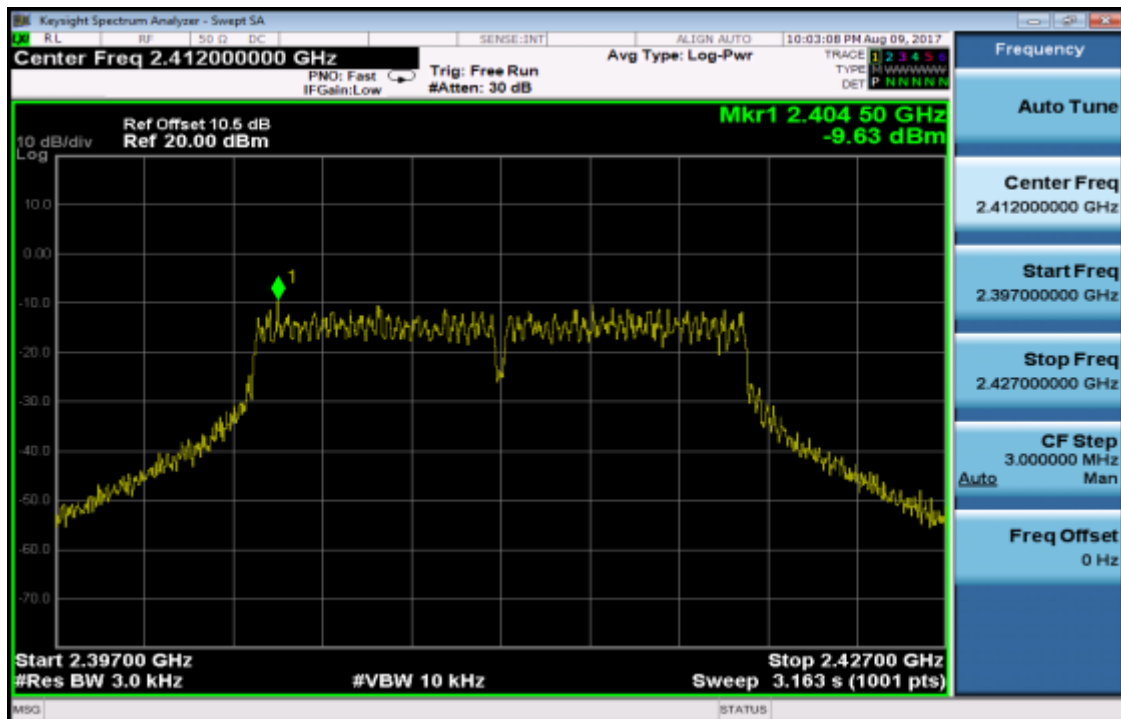
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## Power Spectral Density Test Plot (CH-High)



802.11g

## Power Spectral Density Test Plot (CH-Low)



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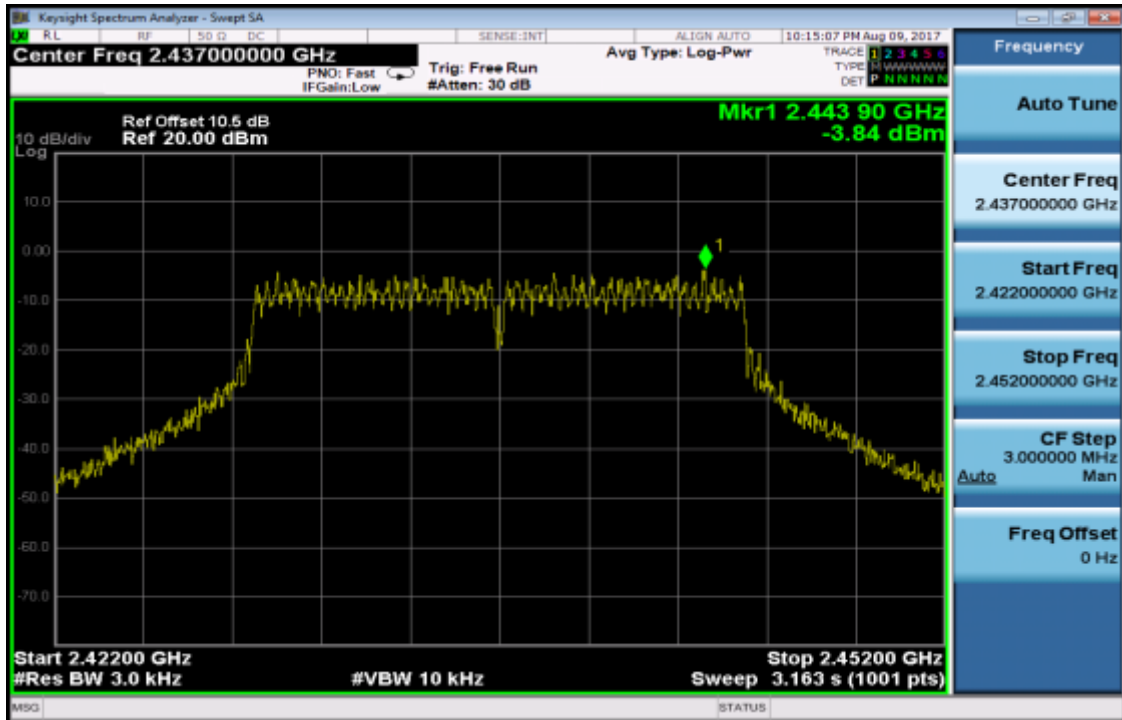
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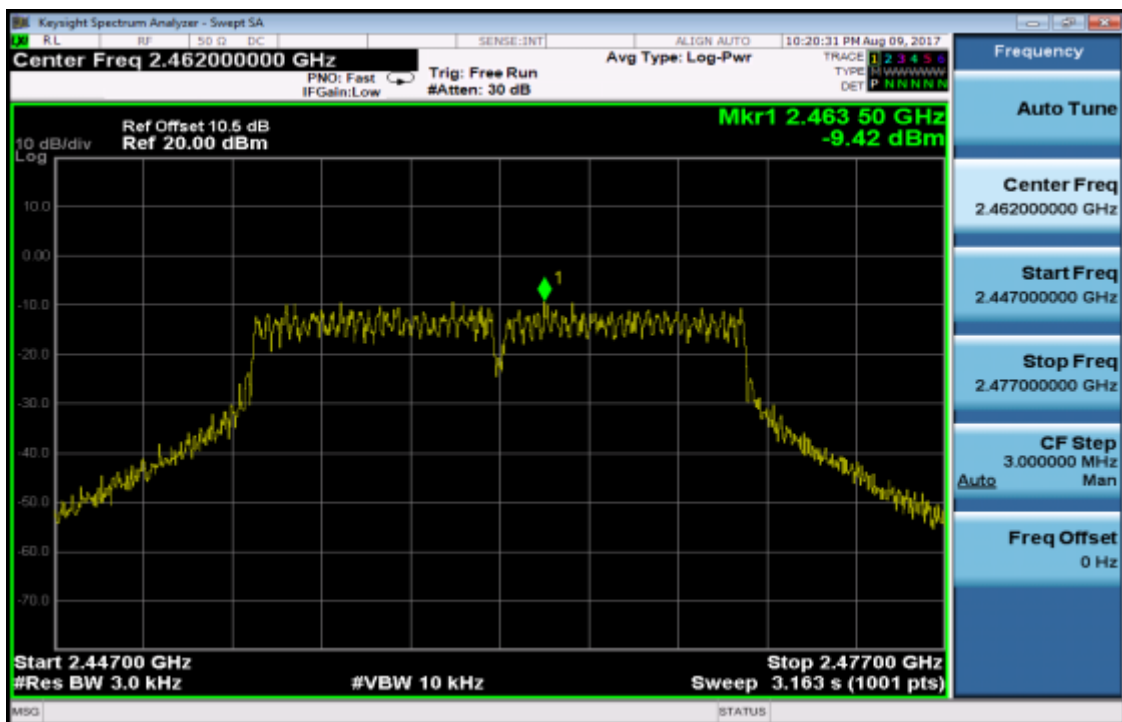
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## Power Spectral Density Test Plot (CH-Mid)



## Power Spectral Density Test Plot (CH-High)



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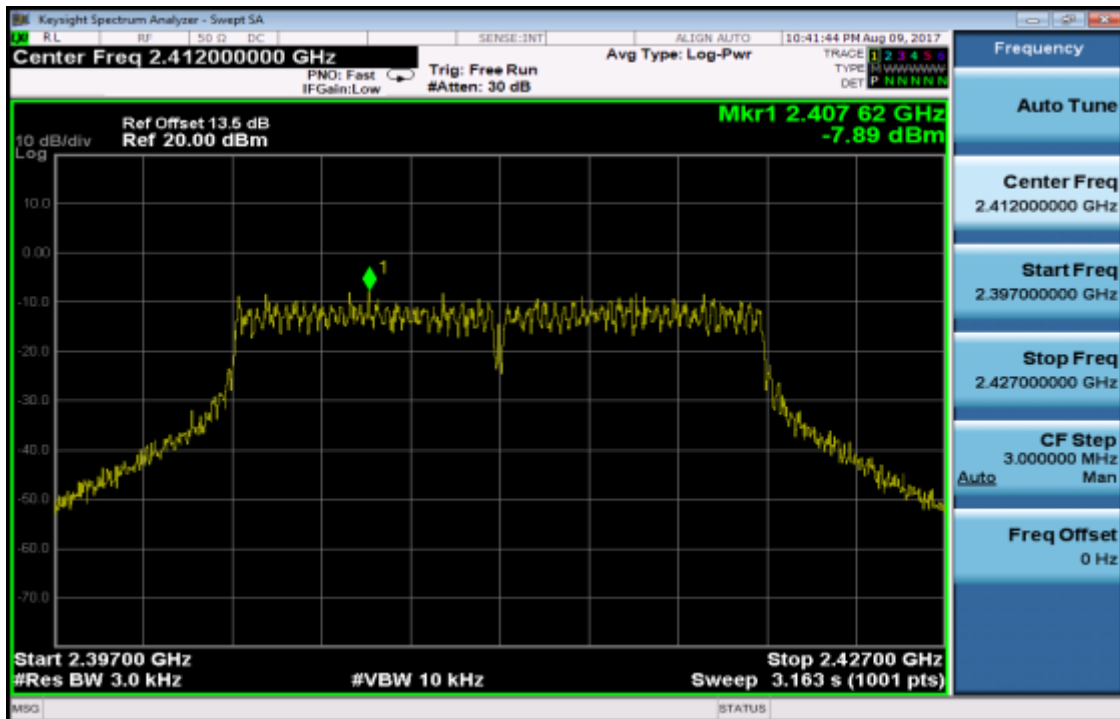
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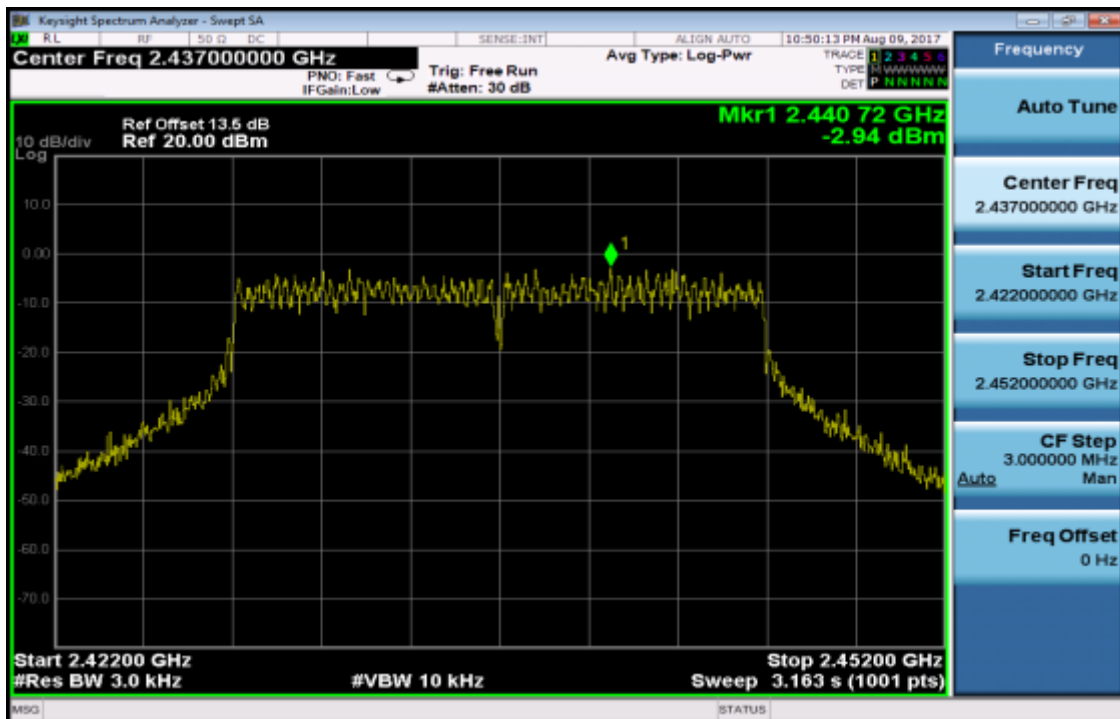
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## 802.11n\_HT20 (MIMO)

### Power Spectral Density Test Plot (CH-Low)



### Power Spectral Density Test Plot (CH-Mid)



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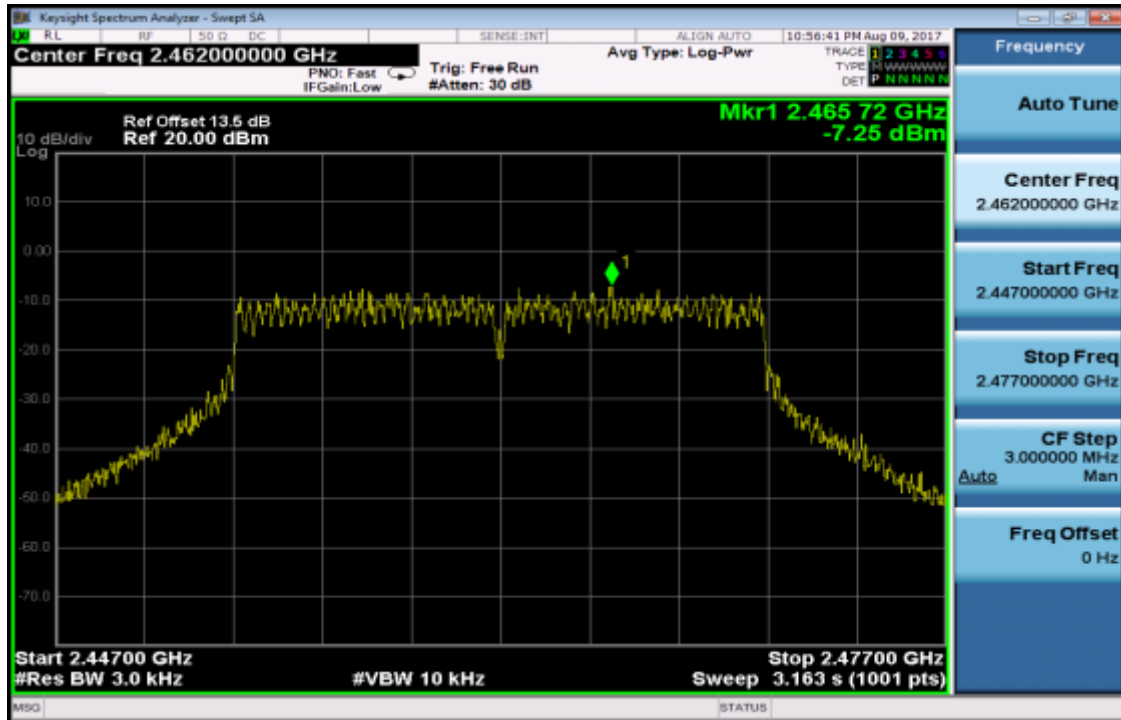
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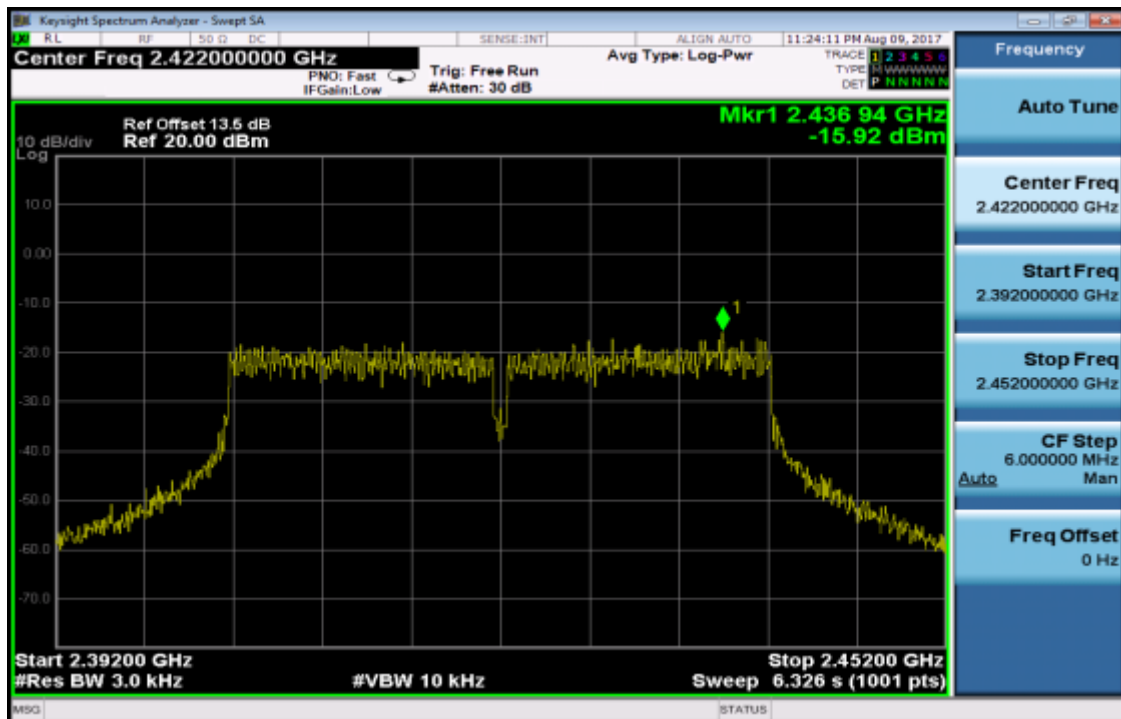
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## Power Spectral Density Test Plot (CH-High)



## 802.11n\_HT40 (MIMO)

## Power Spectral Density Test Plot (CH-Low)



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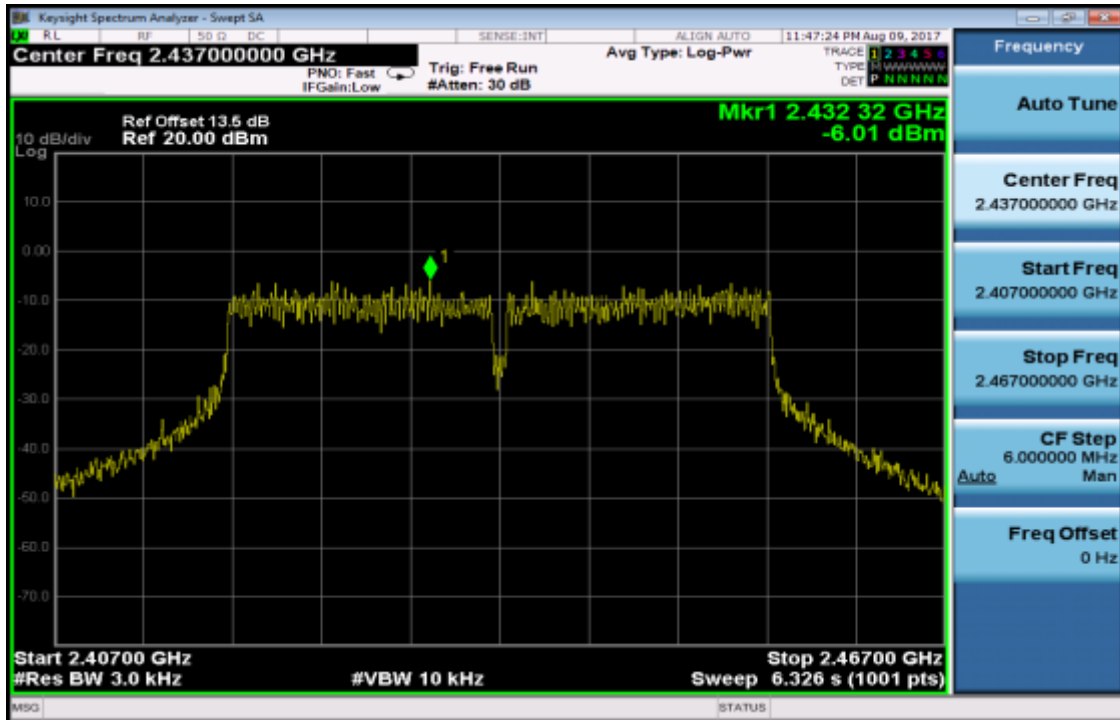
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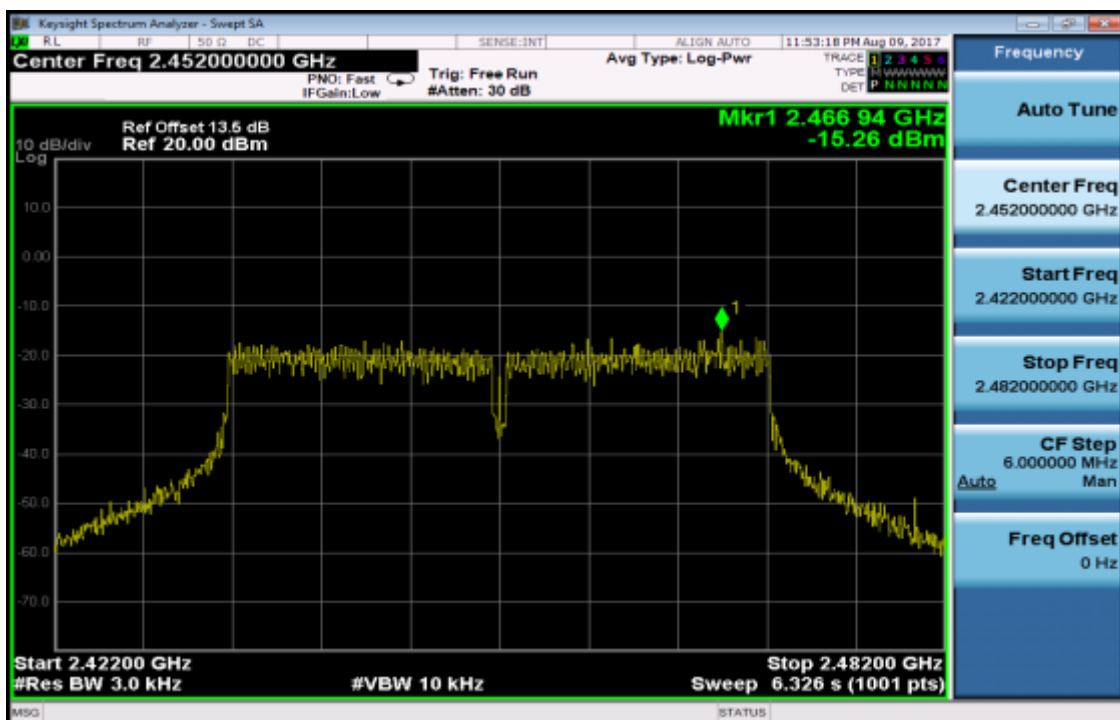
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## Power Spectral Density Test Plot (CH-Mid)



## Power Spectral Density Test Plot (CH-High)



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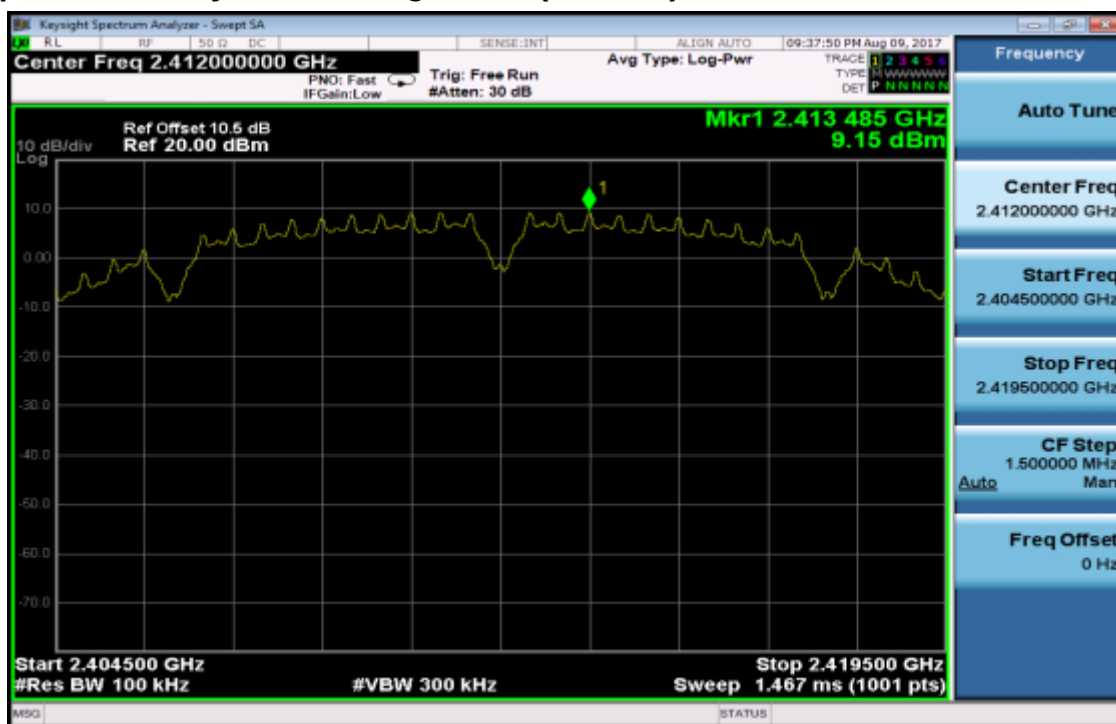
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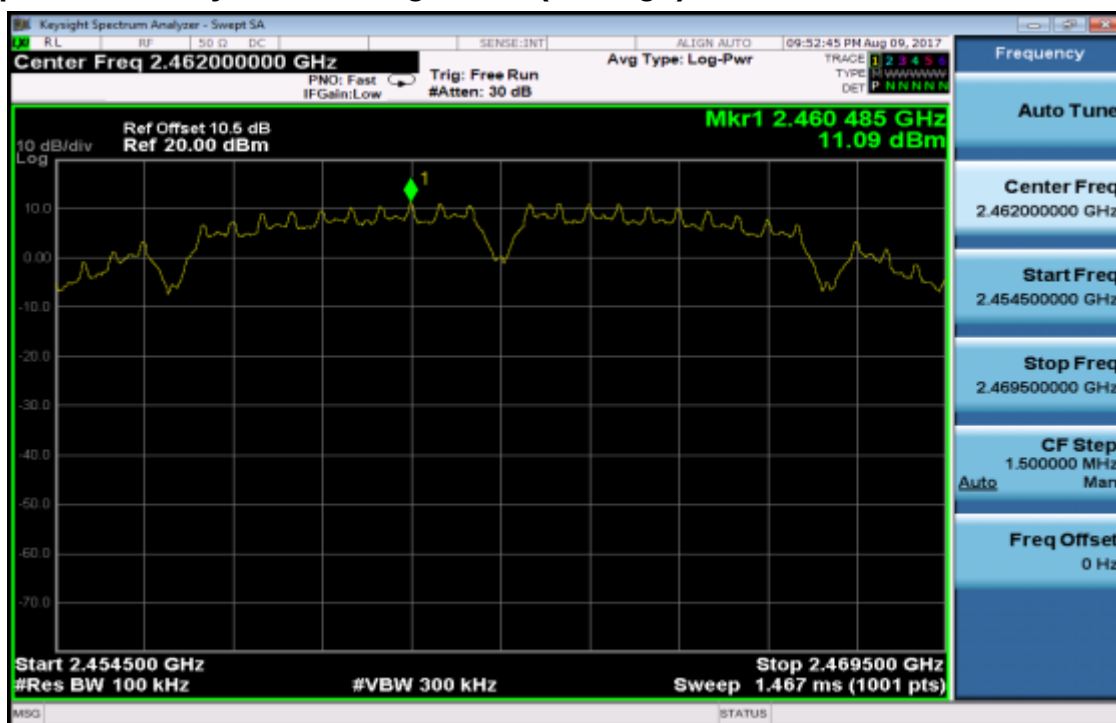
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802.11b

## Power Spectral Density for Bandedge Limit (CH-Low)



## Power Spectral Density for Bandedge Limit (CH-High)



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802.11g

### Power Spectral Density for Bandedge Limit (CH-Low)



### Power Spectral Density for Bandedge Limit (CH-High)



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## 802.11n\_HT20

### Power Spectral Density for Bandedge Limit (CH-Low)



### Power Spectral Density for Bandedge Limit (CH-High)



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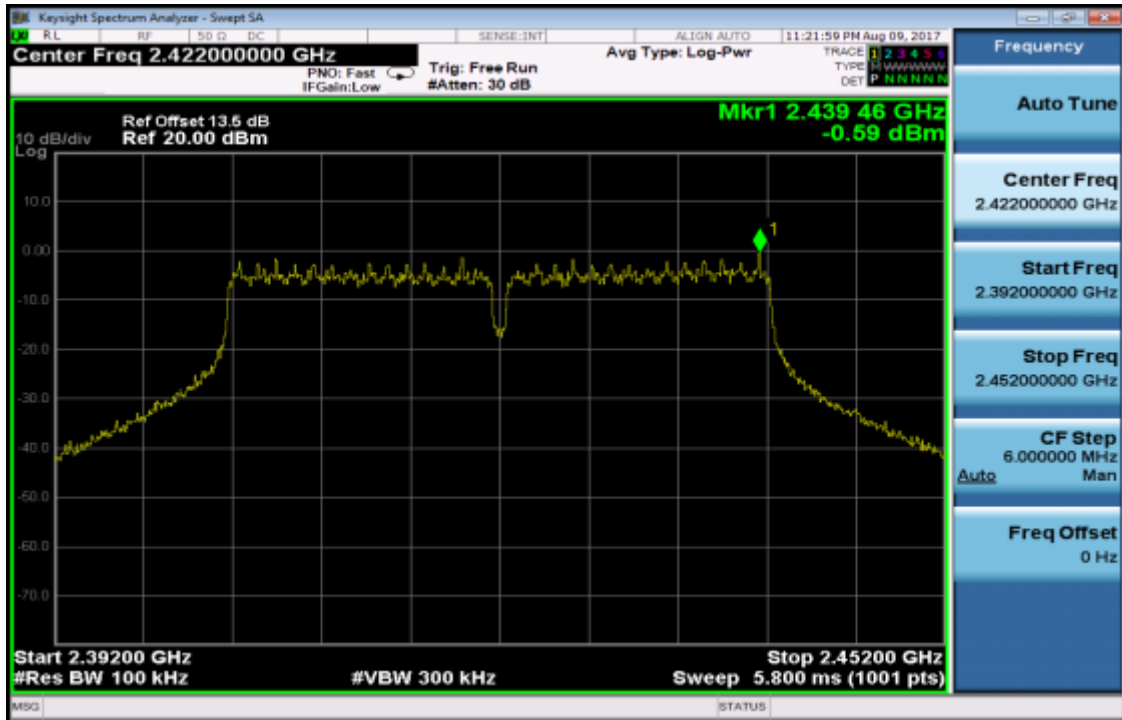
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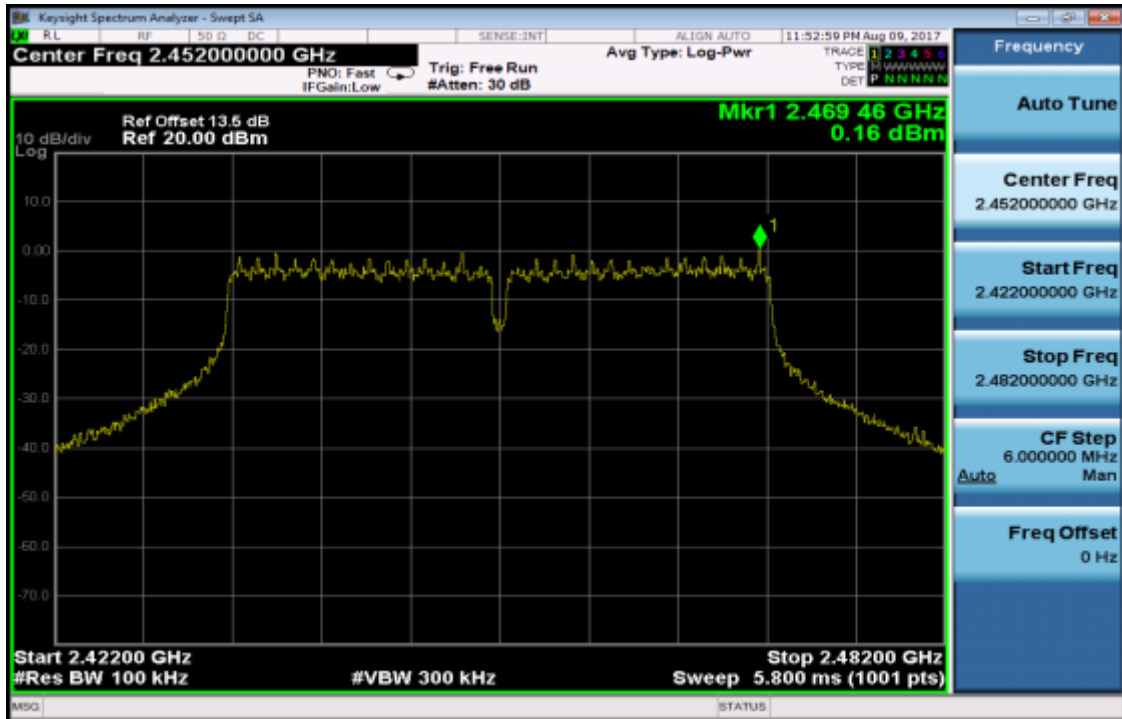
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## 802.11n\_HT40

### Power Spectral Density for Bandedge Limit (CH-Low)



### Power Spectral Density for Bandedge Limit (CH-High)



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## 13 ANTENNA REQUIREMENT

### 13.1 Standard Applicable

For intentional device, according to §15.203, an intentional radiator shall be designed to ensure that no antenna other than furnished by the responsible party shall be used with the device.

If the transmitting antenna is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi.

### 13.2 Antenna Connected Construction

The directional gains of antenna used for transmitting is 6.57dBi for 2.4GHz (Main), 6.88dBi for 2.4GHz (Aux), 9.89dBi for 2.4GHz (MIMO) and the antenna connector is designed with unique type RF connector and no consideration of replacement. Please see EUT photo and antenna spec. for details.

*~ End of Report ~*

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