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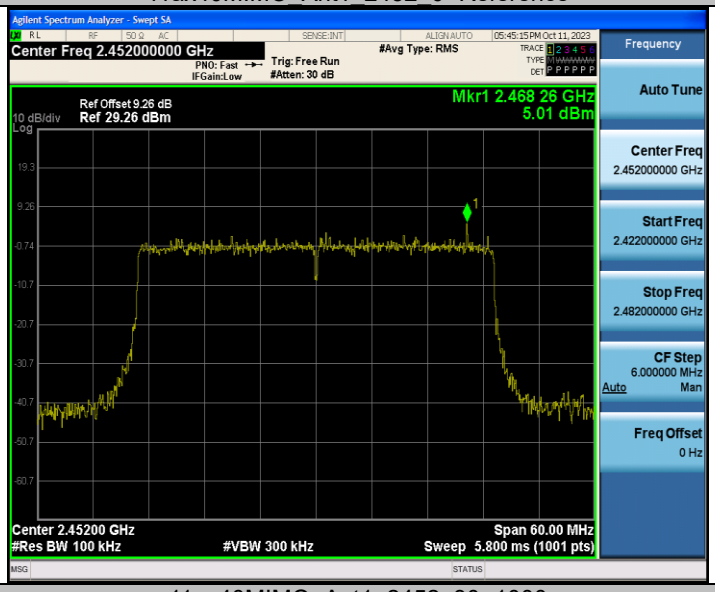


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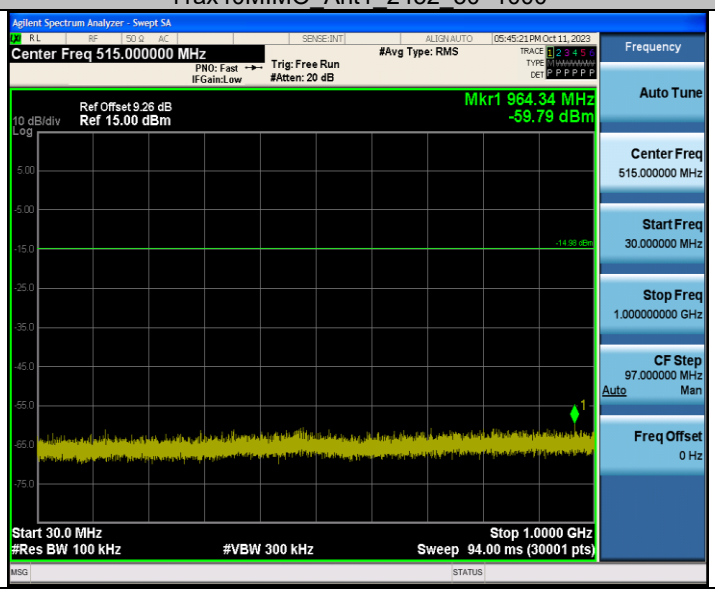


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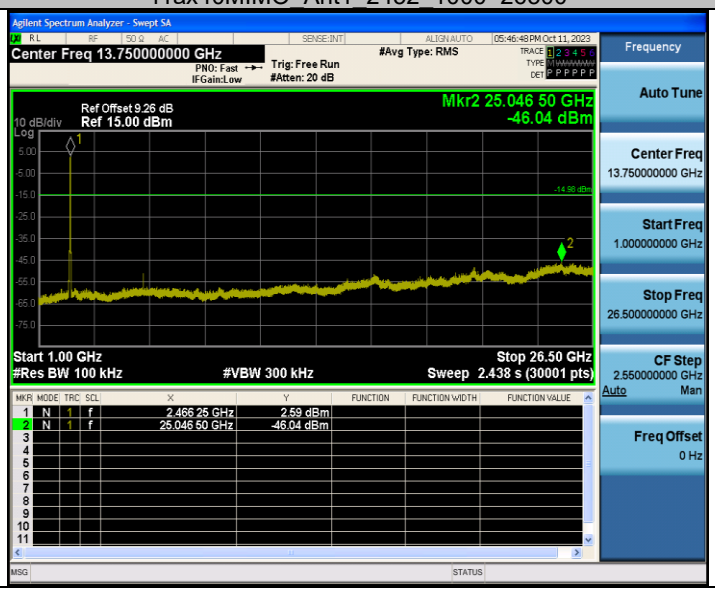
11ax40MIMO_Ant1_2452_1000~26500

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# Duty Cycle

## Test Result

| TestMode | Antenna | Frequency[MHz] | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] | Factor |
|---|---|---|---|---|---|---|
| 11b-CDD | Ant0 | 2412 | 0.65 | 0.66 | 98.48 | 0.07 |
| | Ant1 | 2412 | 0.65 | 0.66 | 98.48 | 0.07 |
| 11g-CDD | Ant0 | 2412 | 1.43 | 1.45 | 98.62 | 0.06 |
| | Ant1 | 2412 | 1.43 | 1.44 | 99.31 | 0.03 |
| 11n20MIMO | Ant0 | 2412 | 5.43 | 5.45 | 99.63 | 0.02 |
| | Ant1 | 2412 | 5.43 | 5.45 | 99.63 | 0.02 |
| 11n40MIMO | Ant0 | 2422 | 5.42 | 5.44 | 99.63 | 0.02 |
| | Ant1 | 2422 | 5.43 | 5.44 | 99.82 | 0.01 |
| 11ax20MIMO | Ant0 | 2412 | 5.45 | 5.47 | 99.63 | 0.02 |
| | Ant1 | 2412 | 5.46 | 5.48 | 99.64 | 0.02 |
| 11ax40MIMO | Ant0 | 2422 | 5.45 | 5.47 | 99.63 | 0.02 |
| | Ant1 | 2422 | 5.46 | 5.48 | 99.64 | 0.02 |

## Test Result for AX Part RU

| TestMode | Antenna | Frequency[MHz] | RuSize | RuIndex | Transmission Duration [ms] | Transmission Period [ms] | Duty Cycle [%] |
|---|---|---|---|---|---|---|---|
| 11ax20MIMO | Ant0 | 2412 | 26Tone | RU0 | 4.58 | 4.61 | 99.35 |
| | | | 52Tone | RU37 | 5.08 | 5.09 | 99.80 |
| | | | 106Tone | RU53 | 4.76 | 4.78 | 99.58 |
| | Ant1 | 2412 | 26Tone | RU0 | 4.58 | 4.61 | 99.35 |
| | | | 52Tone | RU37 | 5.07 | 5.09 | 99.61 |
| | | | 106Tone | RU53 | 4.77 | 4.78 | 99.79 |
| | Ant0 | 2437 | 26Tone | RU4 | 4.57 | 4.60 | 99.35 |
| | | | 52Tone | RU38 | 5.08 | 5.10 | 99.61 |
| | | | 106Tone | RU53 | 4.76 | 4.78 | 99.58 |
| | Ant1 | 2437 | 26Tone | RU4 | 4.58 | 4.61 | 99.35 |
| | | | 52Tone | RU38 | 5.08 | 5.11 | 99.41 |
| | | | 106Tone | RU53 | 4.76 | 4.78 | 99.58 |
| | Ant0 | 2462 | 26Tone | RU8 | 4.57 | 4.60 | 99.35 |
| | | | 52Tone | RU40 | 5.07 | 5.10 | 99.41 |
| | | | 106Tone | RU54 | 4.77 | 4.79 | 99.58 |
| | Ant1 | 2462 | 26Tone | RU8 | 4.58 | 4.61 | 99.35 |
| | | | 52Tone | RU40 | 5.08 | 5.11 | 99.41 |
| | | | 106Tone | RU54 | 4.76 | 4.78 | 99.58 |
| 11ax40MIMO | Ant0 | 2422 | 242Tone | RU61 | 4.70 | 4.72 | 99.58 |
| | Ant1 | 2422 | 242Tone | RU61 | 4.70 | 4.72 | 99.58 |
| | Ant0 | 2437 | 242Tone | RU61 | 4.70 | 4.72 | 99.58 |
| | Ant1 | 2437 | 242Tone | RU61 | 4.70 | 4.72 | 99.58 |
| | Ant0 | 2452 | 242Tone | RU62 | 4.70 | 4.72 | 99.58 |
| | Ant1 | 2452 | 242Tone | RU62 | 4.70 | 4.72 | 99.58 |

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Note:
Radiated Emission Average VBW = 1 / T

| TestMode | T[ms] | Period[ms] | Duty Cycle[%] | 1/T[kHz] | VBW Setting |
|---|---|---|---|---|---|
| 11b-CDD | 0.65 | 0.66 | 98.48 | 1.53846 | 10Hz* |
| 11g-CDD | 1.43 | 1.45 | 98.62 | 0.69930 | 10Hz* |
| 11n20MIMO | 5.43 | 5.45 | 99.63 | 0.18416 | 10Hz* |
| 11n40MIMO | 5.42 | 5.44 | 99.63 | 0.18450 | 10Hz* |
| 11ax20MIMO | 5.46 | 5.48 | 99.64 | 0.18315 | 10Hz* |
| 11ax40MIMO | 5.45 | 5.47 | 99.63 | 0.18349 | 10Hz* |
| 11ax20 MIMO 26Tone | 4.57 | 4.60 | 99.35 | 0.21882 | 10Hz* |
| 11ax40 MIMO 242Tone | 4.7 | 4.72 | 99.58 | 0.21277 | 10Hz* |

*Duty cycle > 98% VBW setting=10Hz

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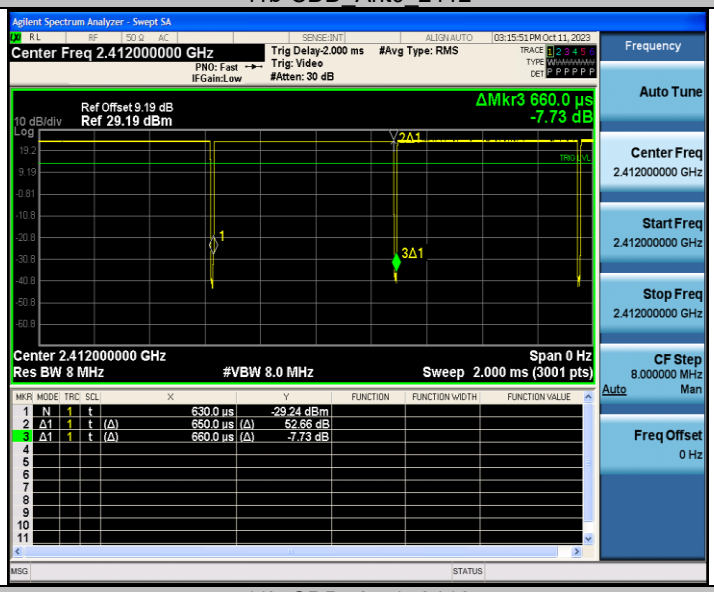
## Test Graphs

11b-CDD_Ant0_2412

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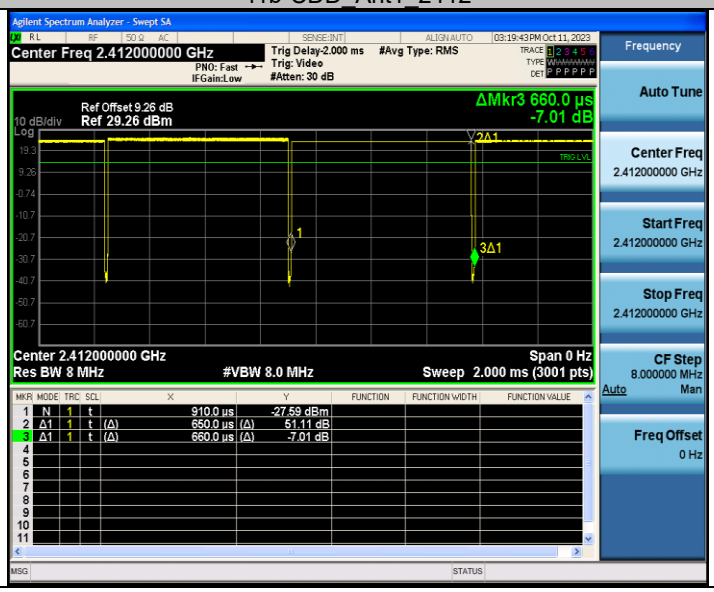


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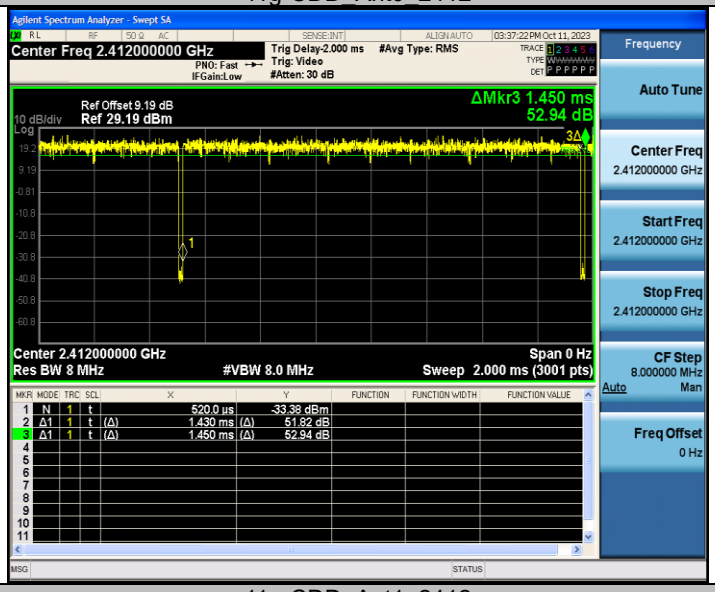
11g-CDD_Ant0_2412

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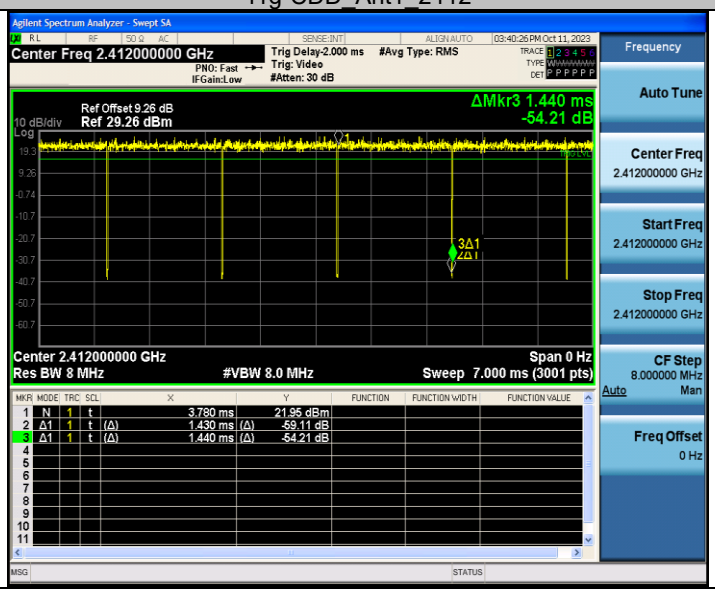


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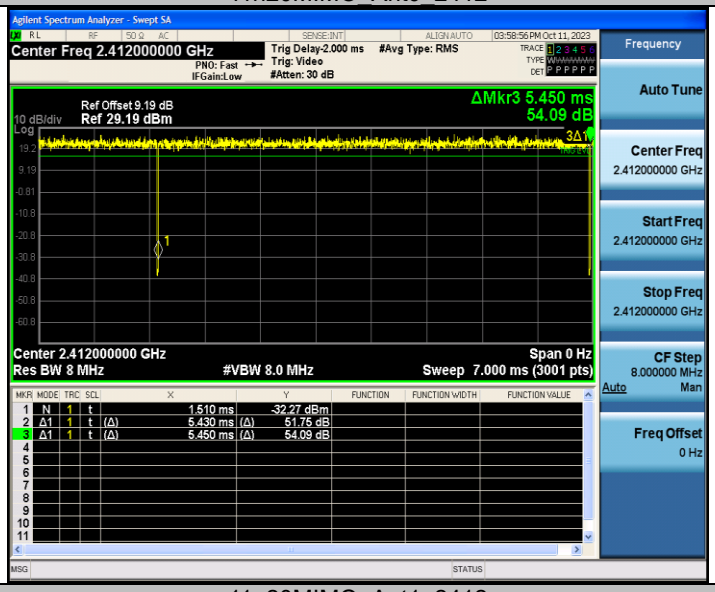


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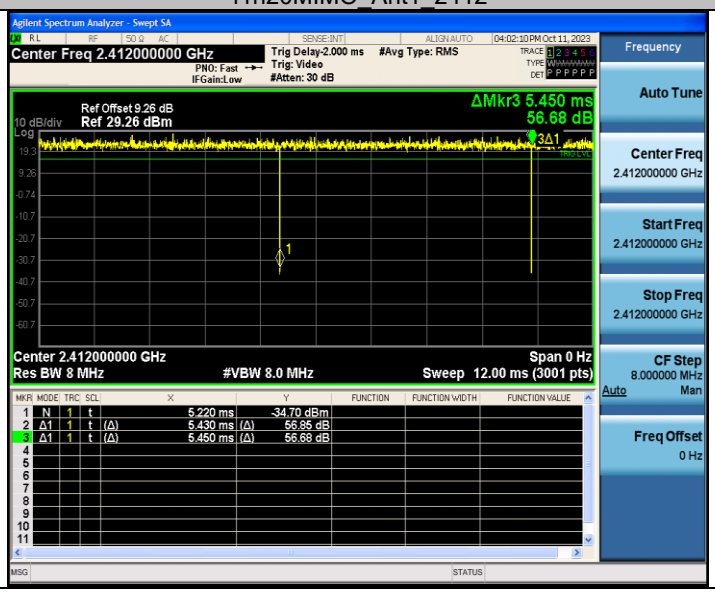


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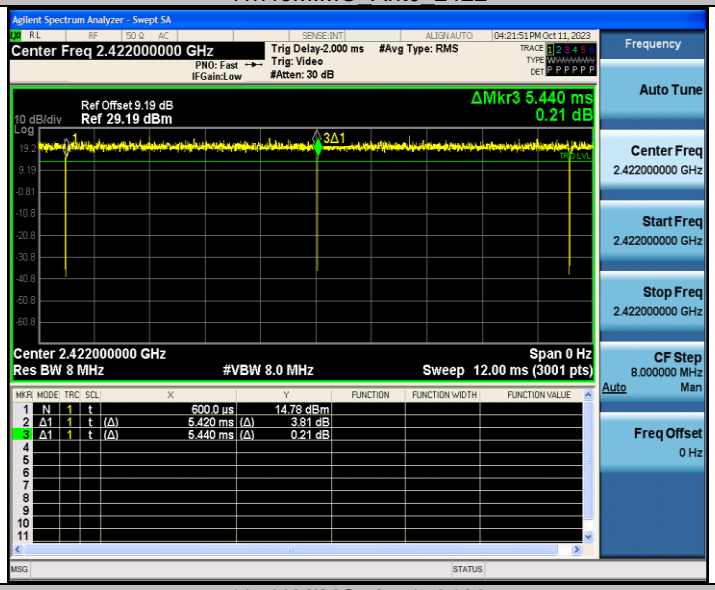


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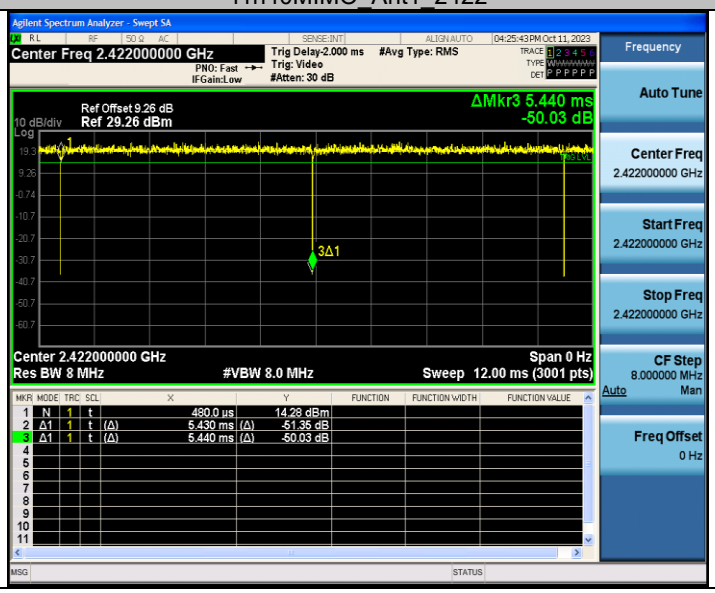


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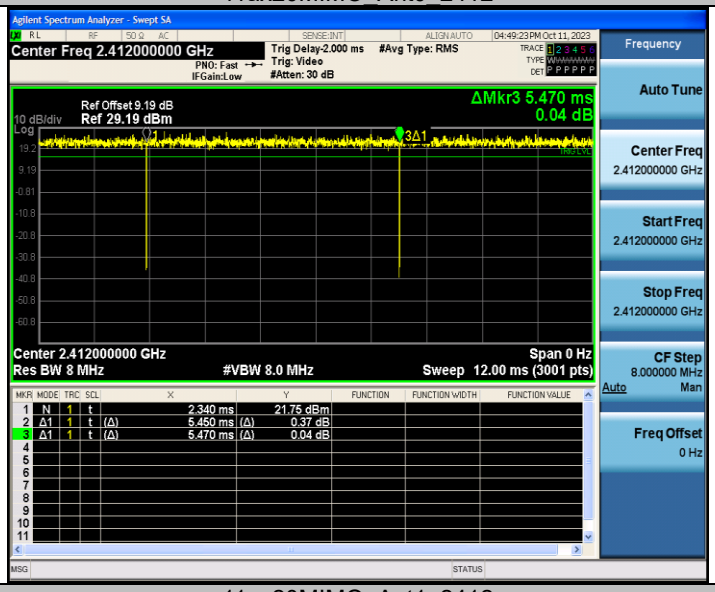
11ax20MIMO_Ant0_2412

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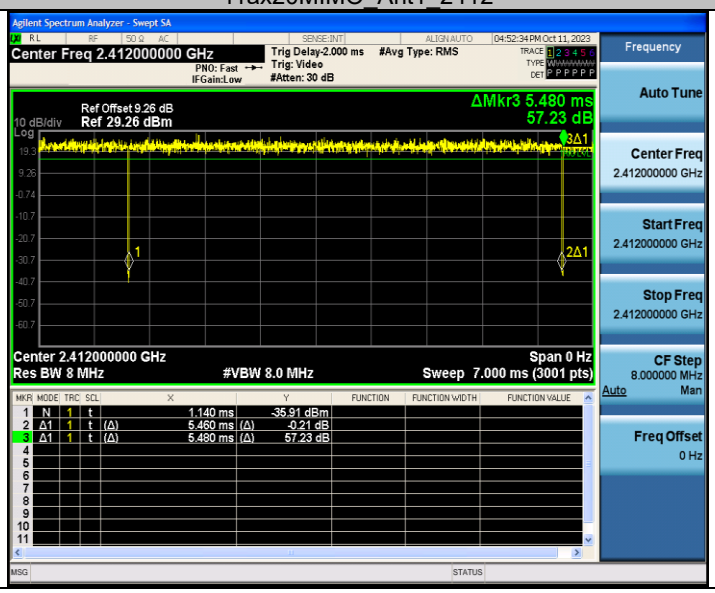


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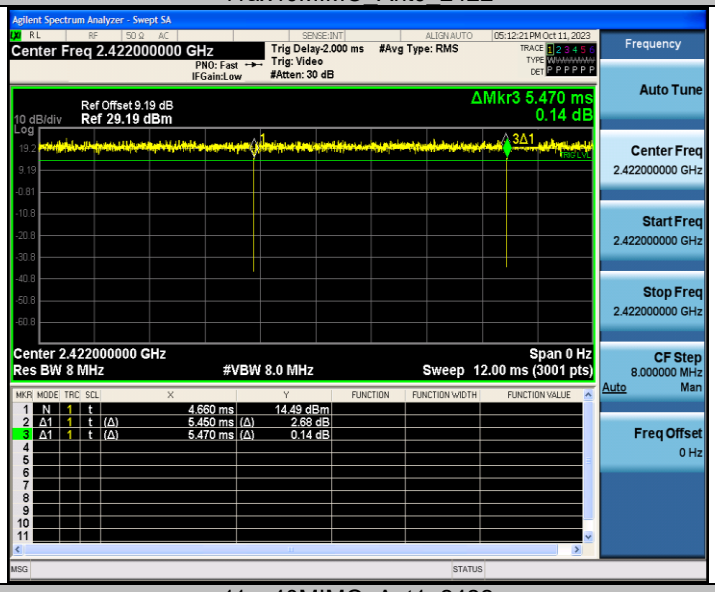


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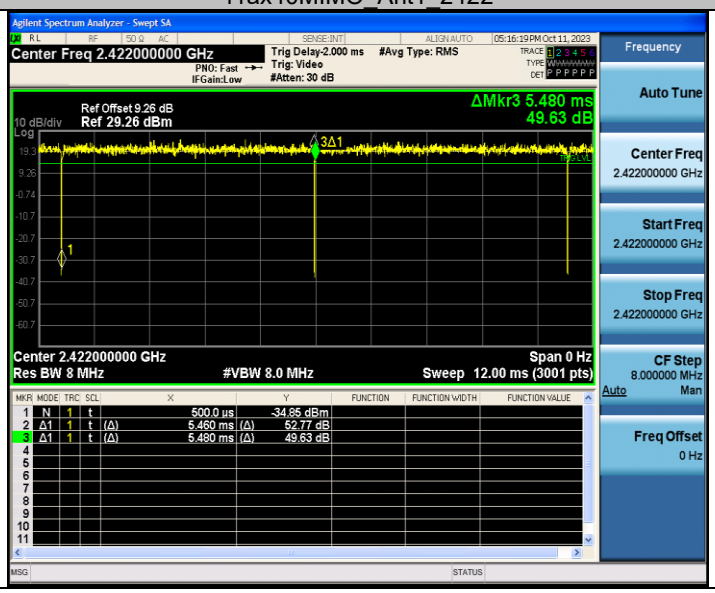


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## Test Graphs for AX Part RU

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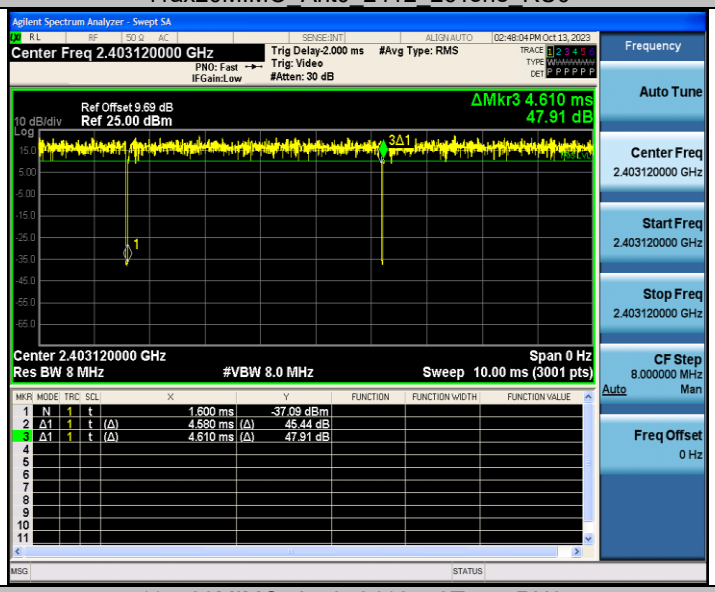


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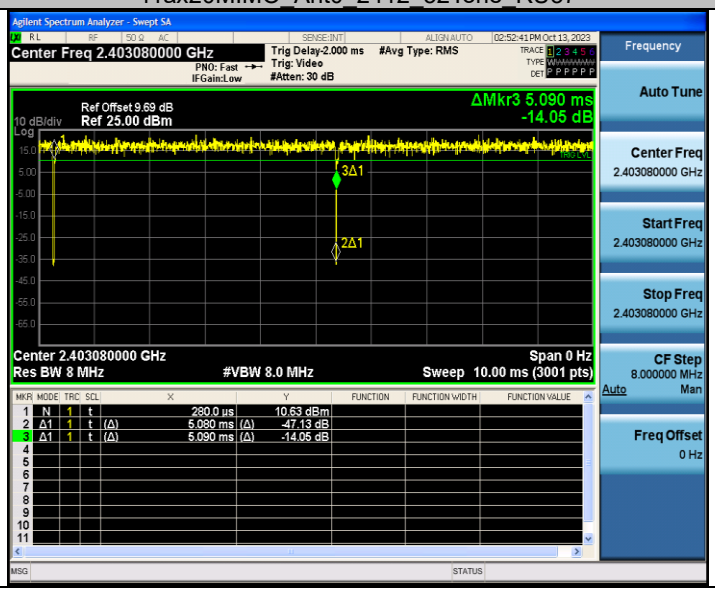


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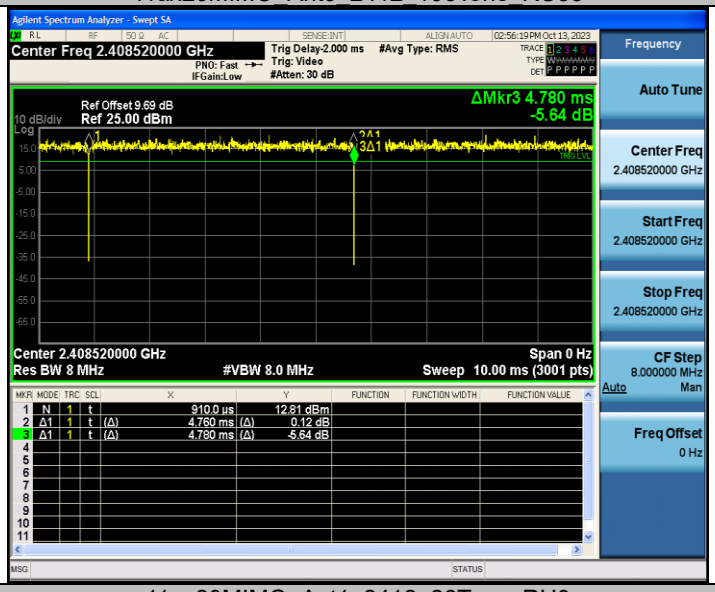


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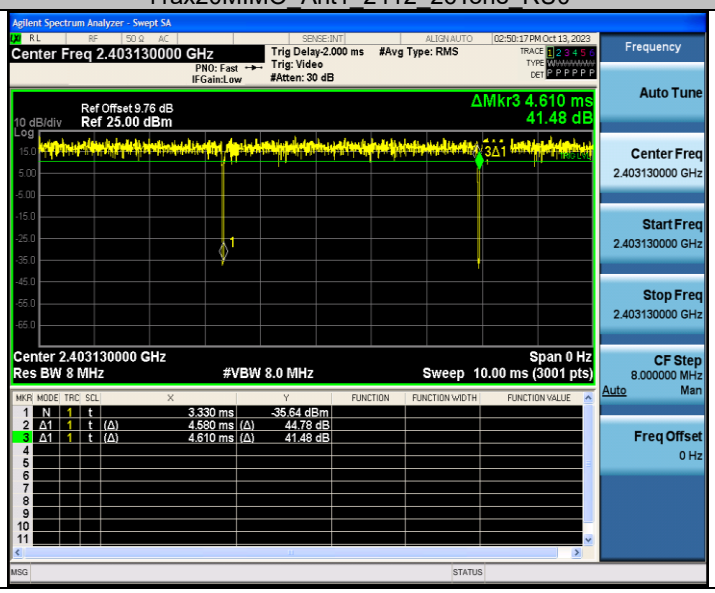


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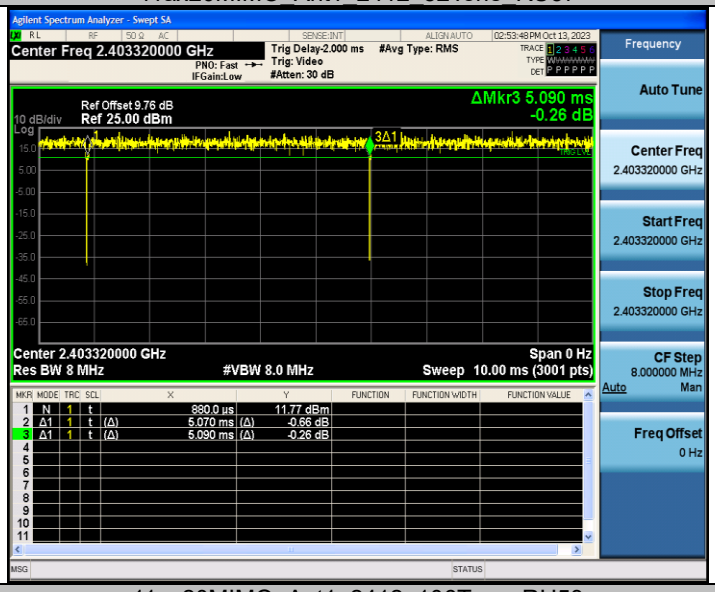
11ax20MIMO_Ant1_2412_52Tone_RU37

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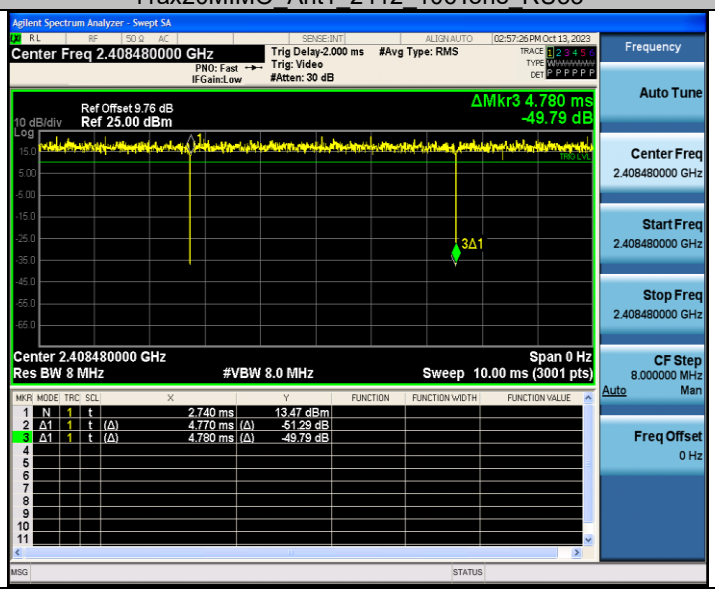


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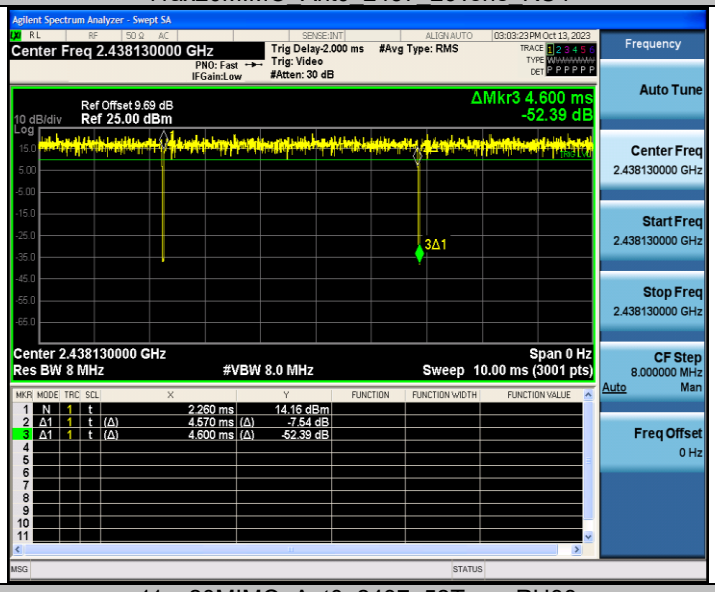


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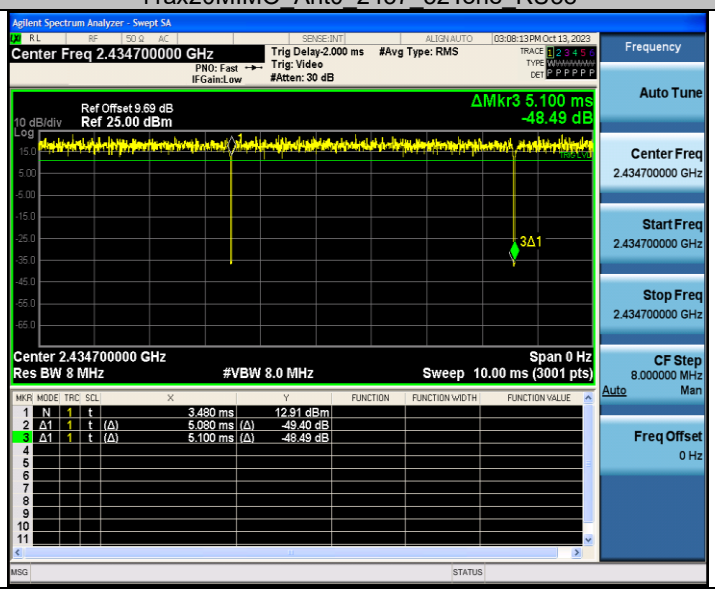


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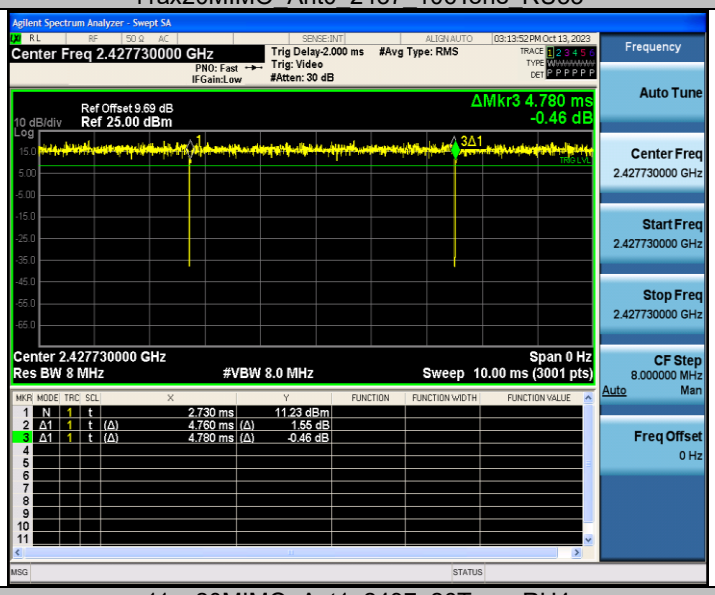


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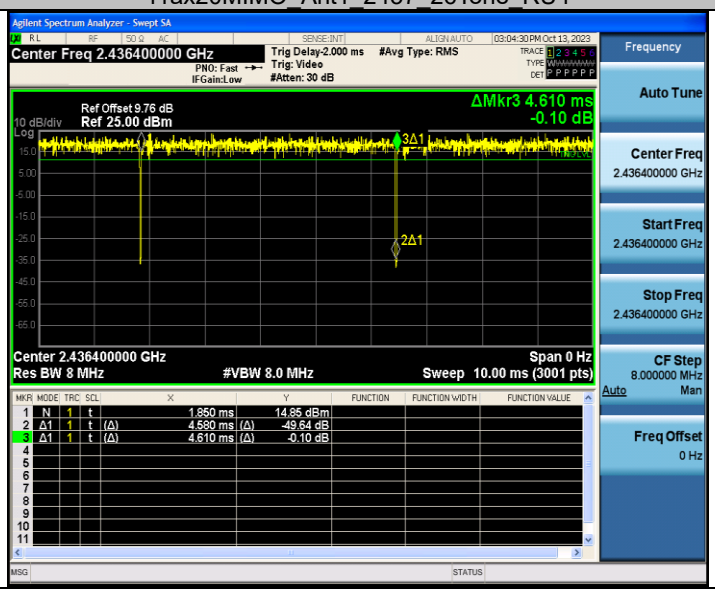


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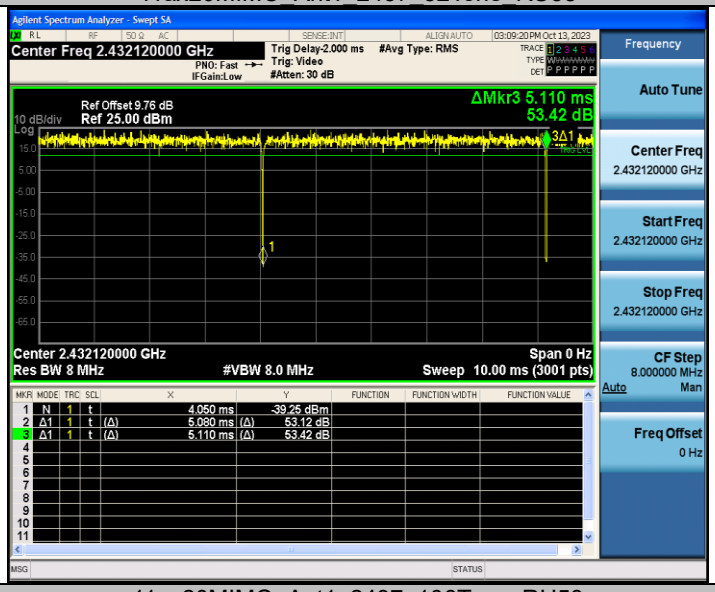


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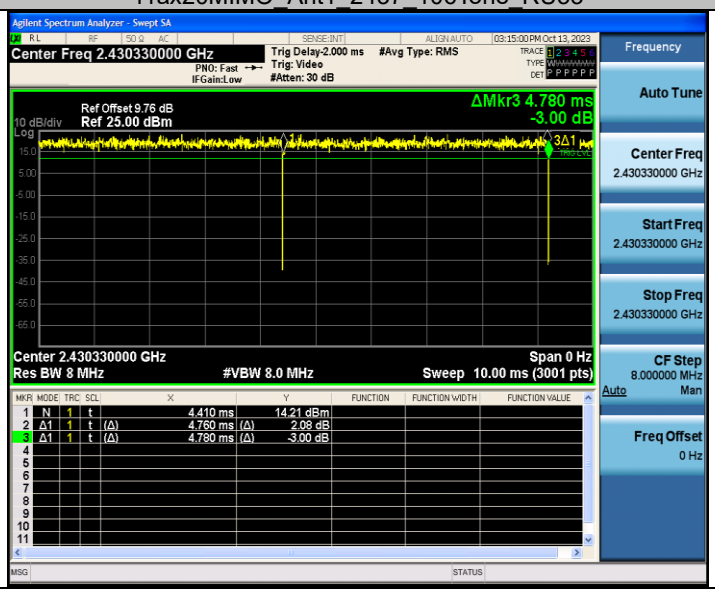


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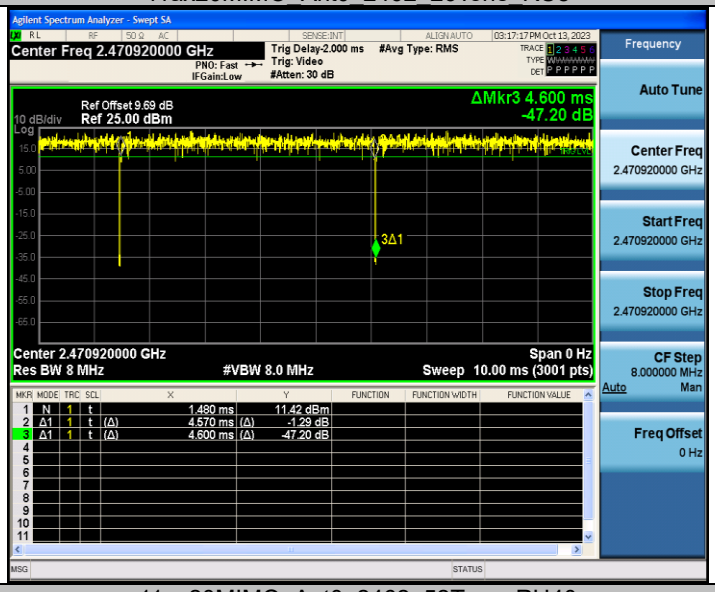


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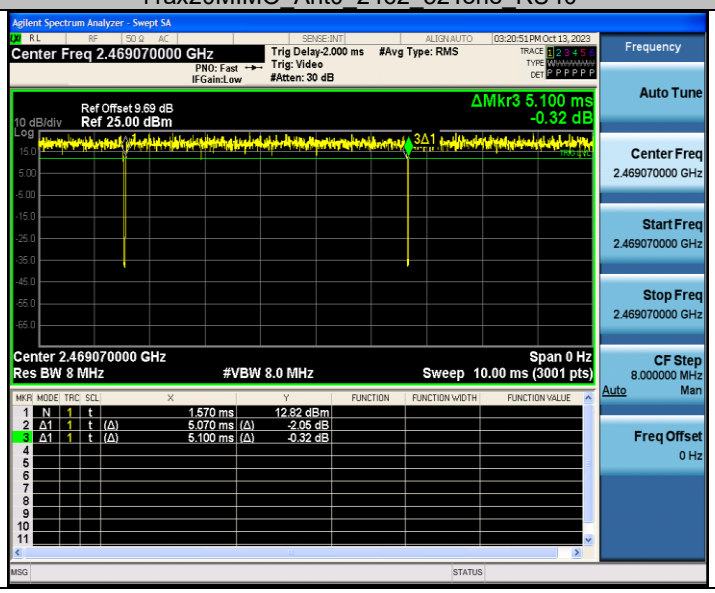


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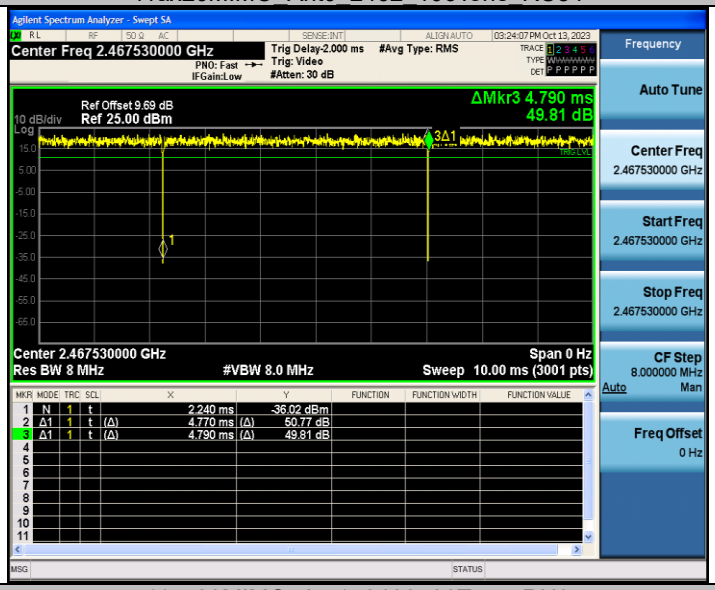


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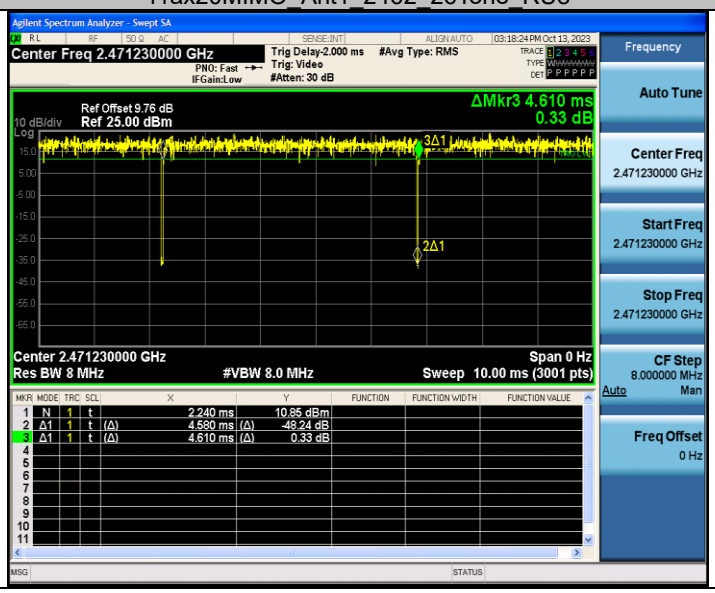


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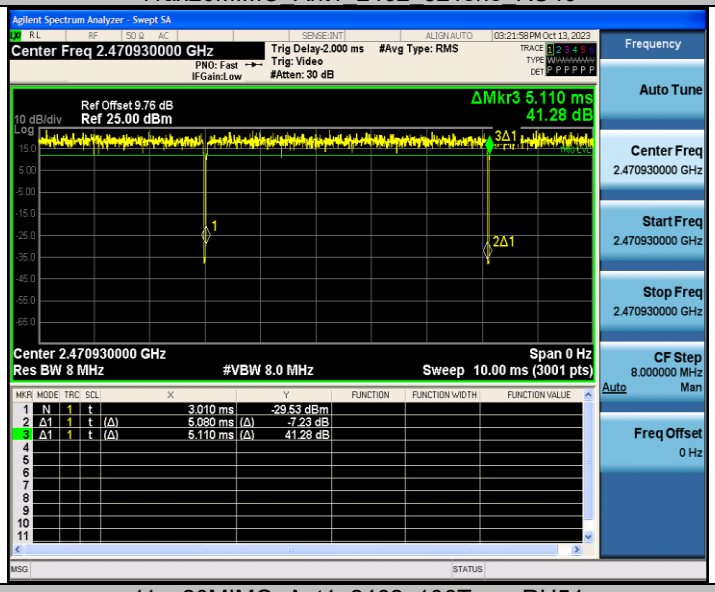


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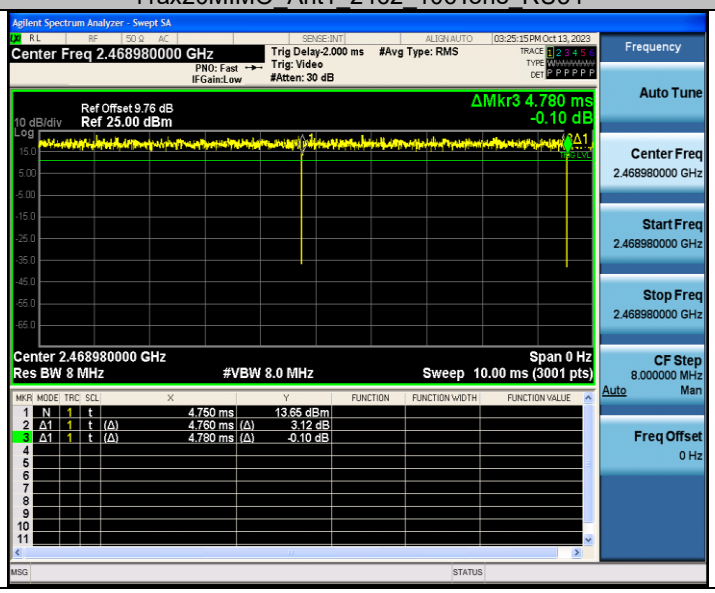


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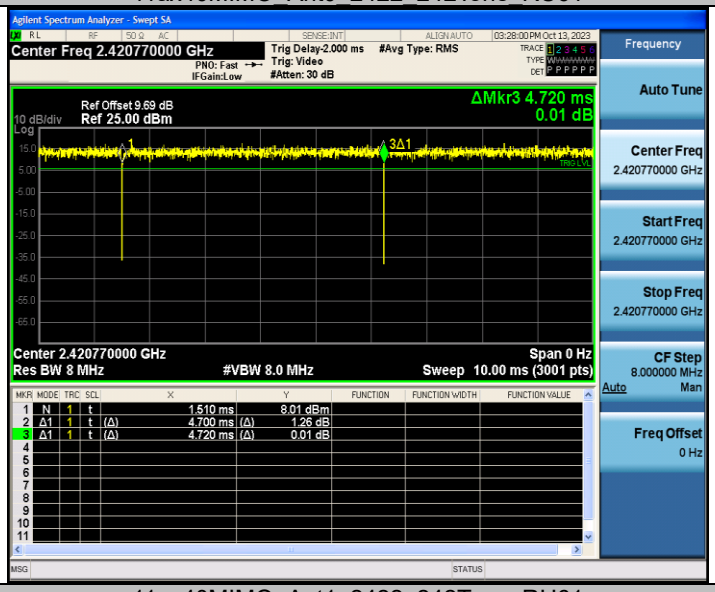


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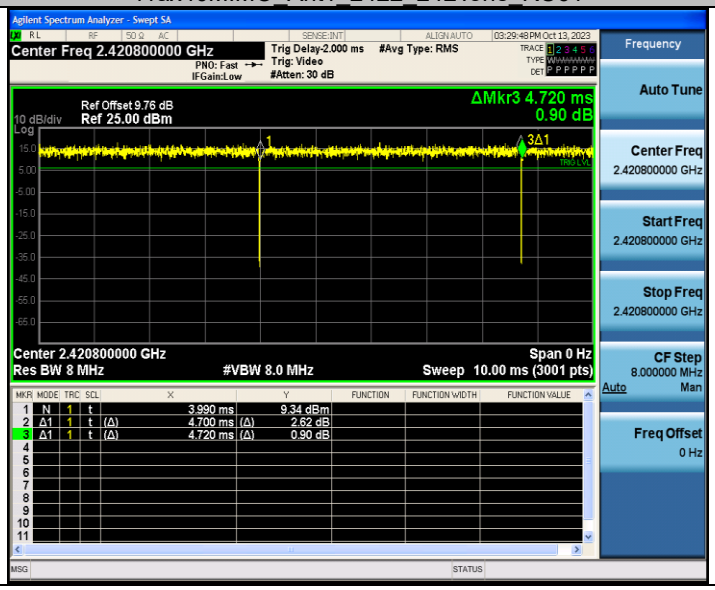


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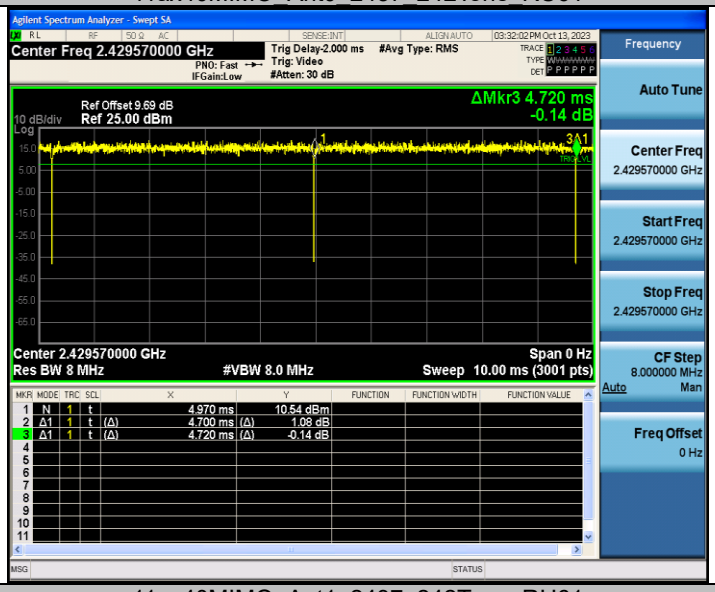
11ax40MIMO_Ant0_2437_242Tone_RU61

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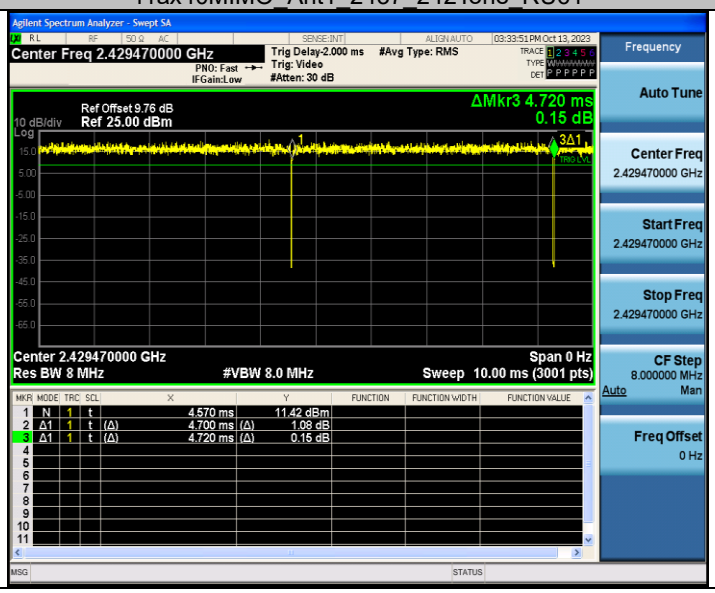


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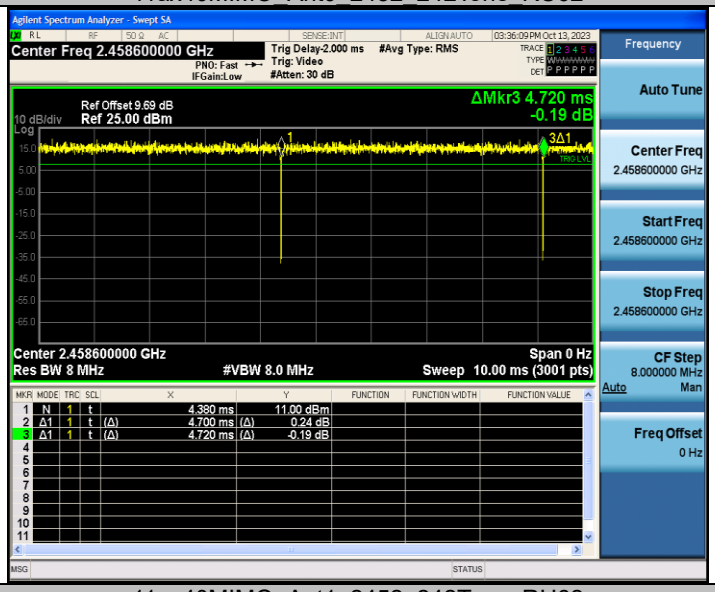
11ax40MIMO_Ant0_2452_242Tone_RU62

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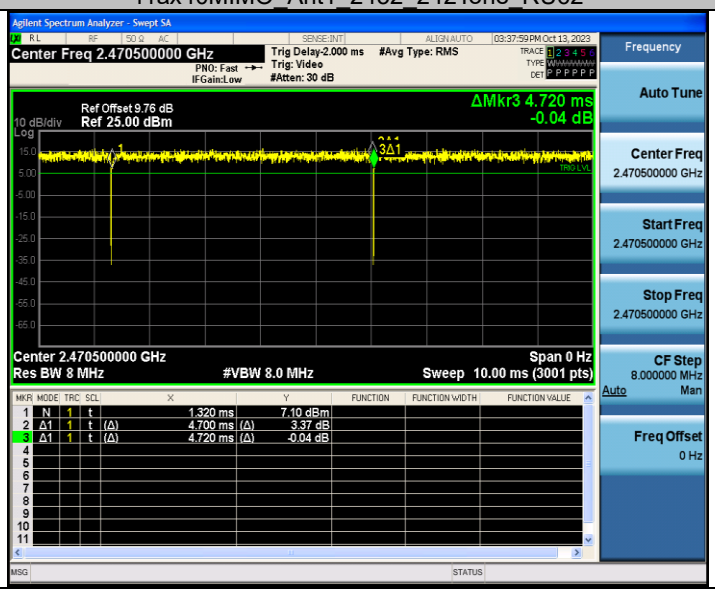


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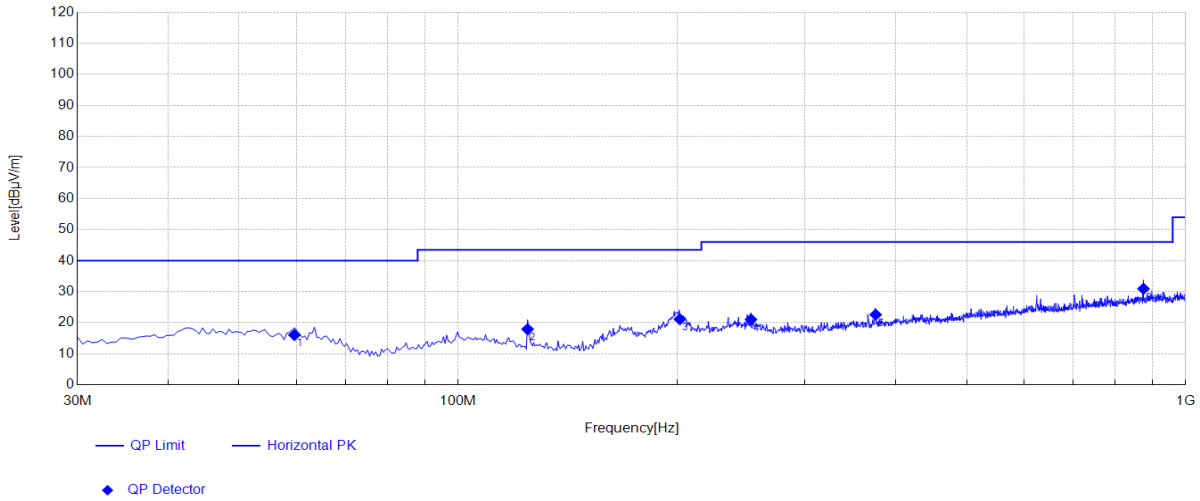
## Radiated Spurious Emissions

## Radiated emission below 1GHz

### Worst case Mode: 802.11n40_Channel 9 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | AF[dB/m] | Factor [dB] | QP Reading [dBμV] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity |
| 1 | 59.5998 | 12.44 | -27.96 | 31.59 | 16.07 | 40.00 | 23.93 | Horizontal |
| 2 | 124.6223 | 8.70 | -27.04 | 36.28 | 17.94 | 43.50 | 25.56 | Horizontal |
| 3 | 201.7759 | 11.33 | -26.41 | 36.2 | 21.12 | 43.50 | 22.38 | Horizontal |
| 4 | 252.7264 | 12.40 | -26.24 | 34.9 | 21.06 | 46.00 | 24.94 | Horizontal |
| 5 | 375.0075 | 14.90 | -25.60 | 33.32 | 22.62 | 46.00 | 23.38 | Horizontal |
| 6 | 875.2926 | 21.79 | -23.74 | 32.9 | 30.95 | 46.00 | 15.05 | Horizontal |

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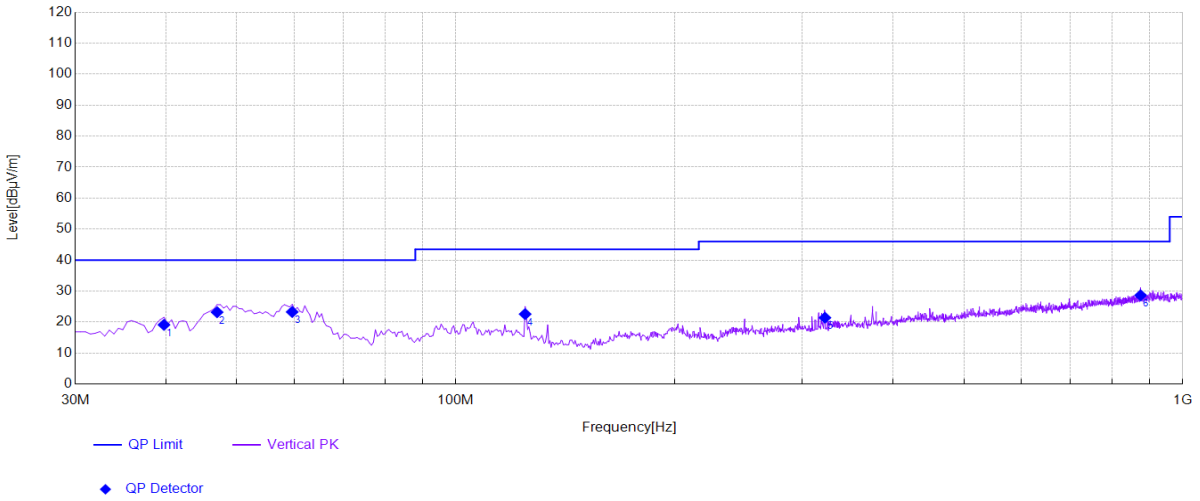


| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Freq. [MHz] | AF[dB/m] | Factor [dB] | QP Reading [dBμV] | QP Value [dBμV/m] | QP Limit [dBμV/m] | QP Margin [dB] | Polarity |
| 1 | 39.7049 | 13.01 | -27.97 | 34.09 | 19.13 | 40.00 | 20.87 | Vertical |
| 2 | 46.9835 | 14.30 | -27.78 | 36.68 | 23.20 | 40.00 | 16.80 | Vertical |
| 3 | 59.5998 | 12.44 | -27.96 | 38.81 | 23.29 | 40.00 | 16.71 | Vertical |
| 4 | 124.6223 | 8.70 | -27.04 | 40.93 | 22.59 | 43.50 | 20.91 | Vertical |
| 5 | 322.1161 | 13.54 | -25.72 | 33.6 | 21.42 | 46.00 | 24.58 | Vertical |
| 6 | 875.2926 | 21.79 | -23.74 | 30.6 | 28.65 | 46.00 | 17.35 | Vertical |

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:

   Value = Reading(dBμV) + AF(dB/m) + Factor(dB):

   AF = Antenna Factor(dB/m)

   Factor = Cable Factor(dB) - Preamplifier gain(dB)

   Margin = Limit(dBμV/m) – Value(dBμV/m)

2) All channels have been tested, but only the worst case data displayed in this report.

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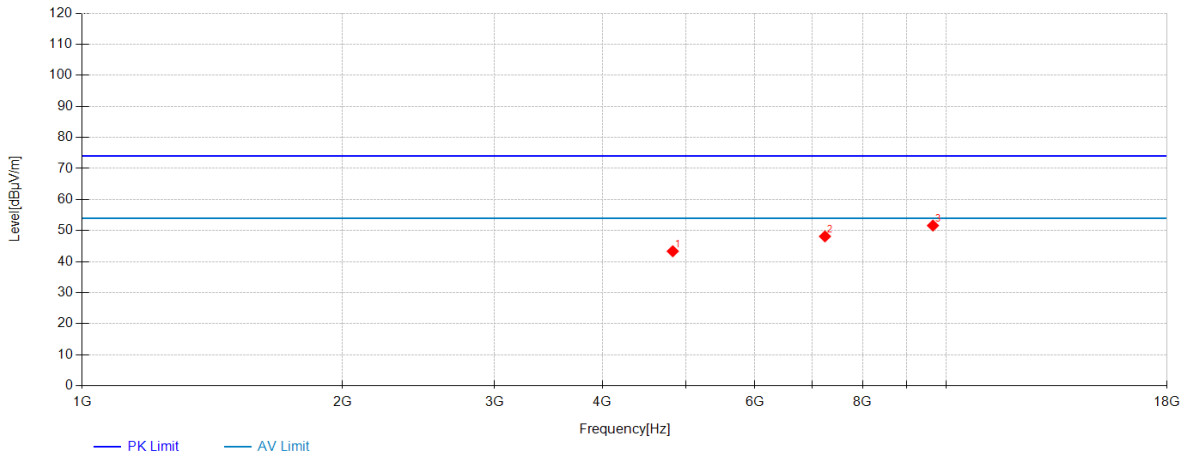
# Transmitter emission Above 1GHz

## 802.11b_Channel 1 CDD




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBμV] | AF[dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1 | 4824 | 55.58 | 30.70 | -42.93 | 43.35 | 74.00 | 30.65 | Horizontal |
| 2 | 7236 | 50.51 | 36.38 | -38.76 | 48.13 | 74.00 | 25.87 | Horizontal |
| 3 | 9648 | 49.51 | 38.09 | -35.97 | 51.63 | 74.00 | 22.37 | Horizontal |

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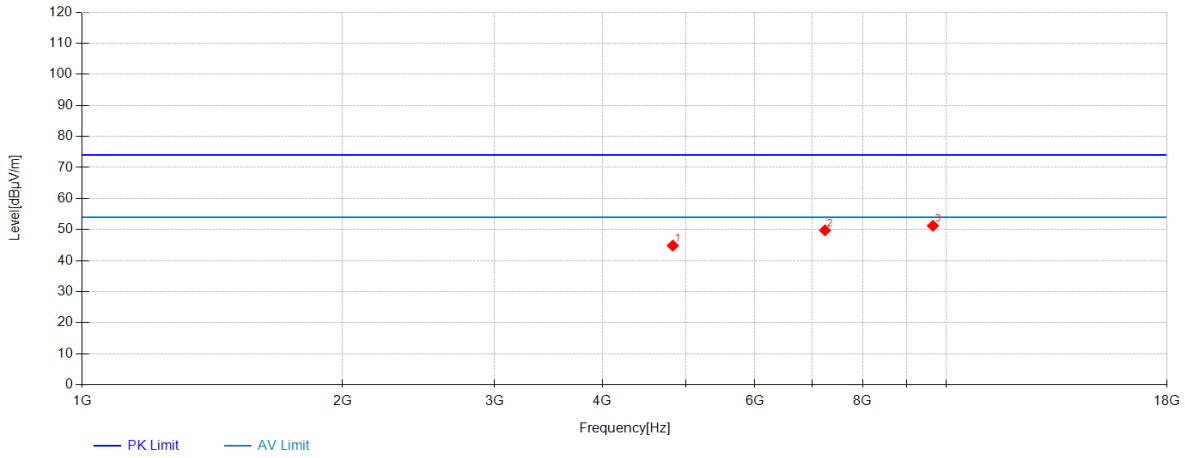
t (86-29) 6282 7885 sgs.china@sgs.com

## 802.11b_Channel 1 CDD




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4824 | 57.06 | 30.70 | -42.93 | 44.83 | 74.00 | 29.17 | Vertical |
| 2 | 7236 | 52.15 | 36.38 | -38.76 | 49.77 | 74.00 | 24.23 | Vertical |
| 3 | 9648 | 49.11 | 38.09 | -35.97 | 51.23 | 74.00 | 22.77 | Vertical |

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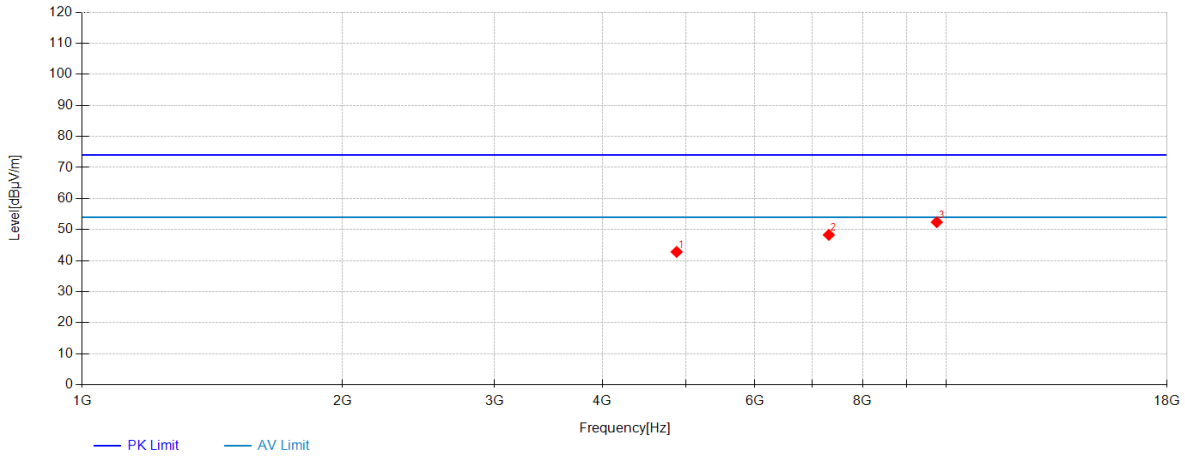
## 802.11b_Channel 6 CDD




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4874 | 54.98 | 30.74 | -42.90 | 42.82 | 74.00 | 31.18 | Horizontal |
| 2 | 7311 | 50.68 | 36.42 | -38.81 | 48.29 | 74.00 | 25.71 | Horizontal |
| 3 | 9748 | 50.14 | 38.30 | -36.04 | 52.40 | 74.00 | 21.60 | Horizontal |

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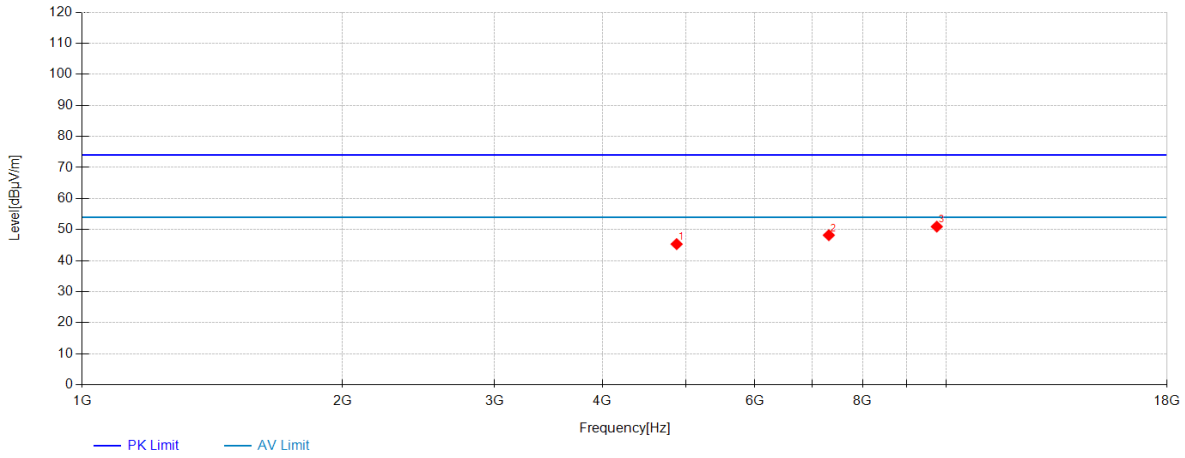
## 802.11b_Channel 6 CDD




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4874 | 57.49 | 30.74 | -42.90 | 45.33 | 74.00 | 28.67 | Vertical |
| 2 | 7311 | 50.58 | 36.42 | -38.81 | 48.19 | 74.00 | 25.81 | Vertical |
| 3 | 9748 | 48.69 | 38.30 | -36.04 | 50.95 | 74.00 | 23.05 | Vertical |

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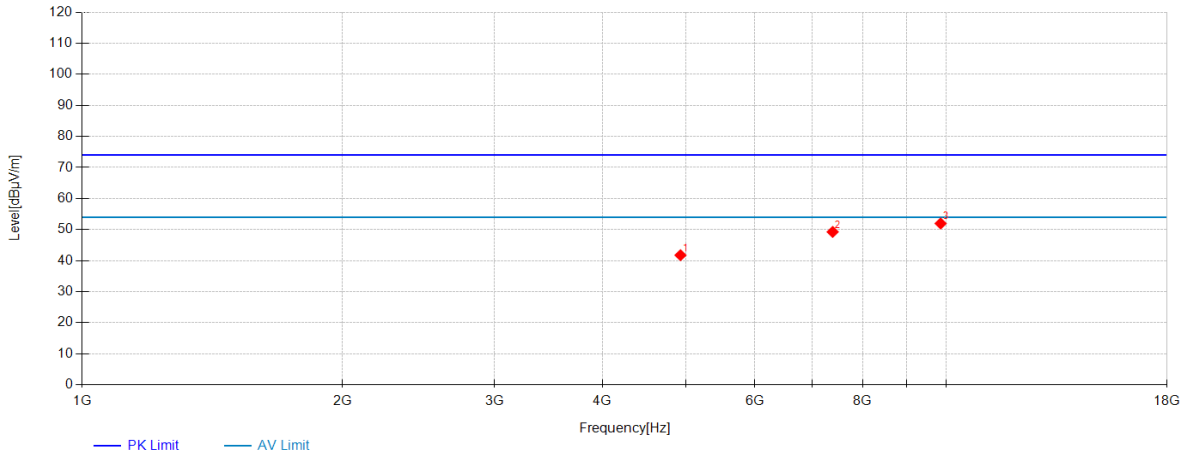
## 802.11b_Channel 11 CDD




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4924 | 53.66 | 30.95 | -42.84 | 41.77 | 74.00 | 32.23 | Horizontal |
| 2 | 7386 | 50.98 | 36.64 | -38.36 | 49.26 | 74.00 | 24.74 | Horizontal |
| 3 | 9848 | 49.12 | 38.21 | -35.36 | 51.97 | 74.00 | 22.03 | Horizontal |

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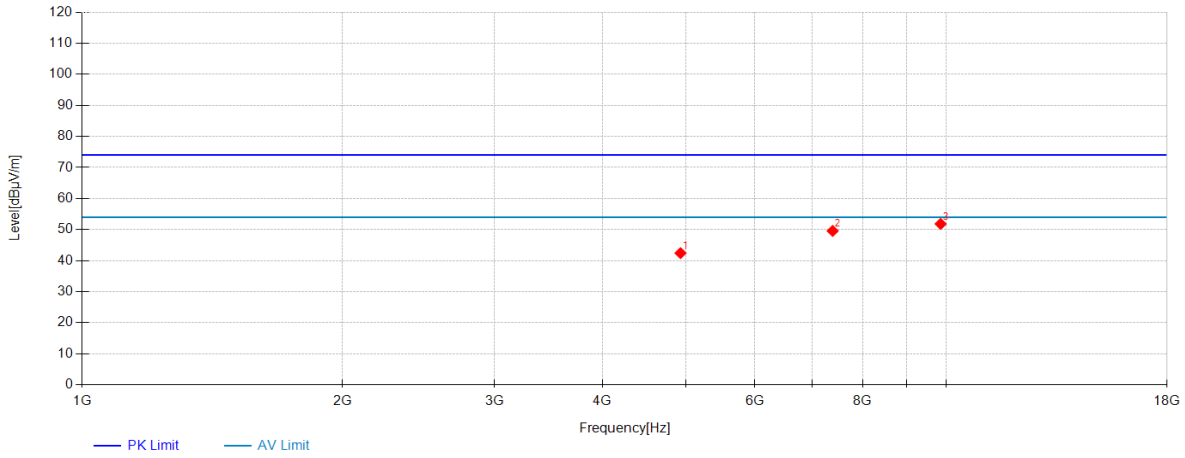
## 802.11b_Channel 11 CDD




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4924 | 54.32 | 30.95 | -42.84 | 42.43 | 74.00 | 31.57 | Vertical |
| 2 | 7386 | 51.30 | 36.64 | -38.36 | 49.58 | 74.00 | 24.42 | Vertical |
| 3 | 9848 | 48.98 | 38.21 | -35.36 | 51.83 | 74.00 | 22.17 | Vertical |

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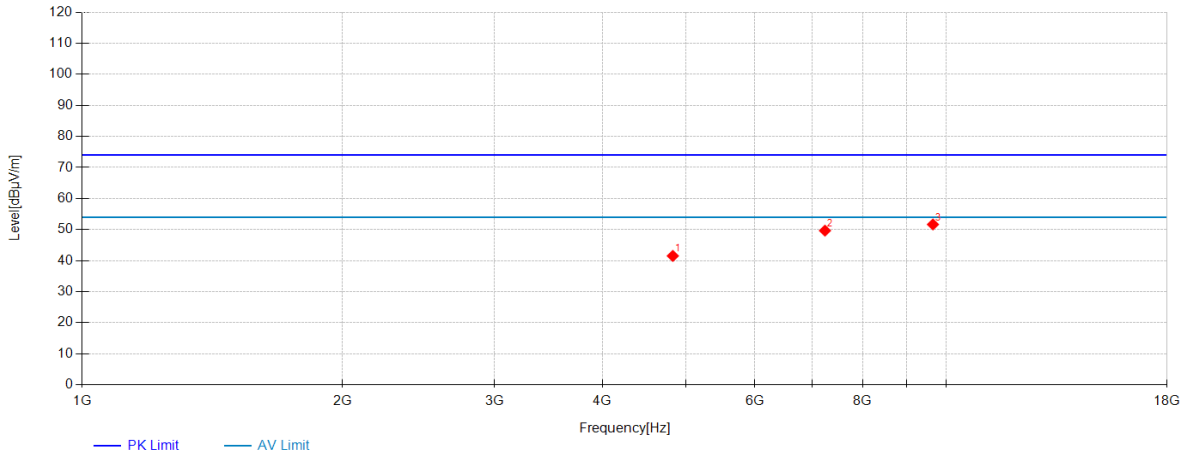
## 802.11g_Channel 1 CDD




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4824 | 53.75 | 30.70 | -42.93 | 41.52 | 74.00 | 32.48 | Horizontal |
| 2 | 7236 | 52.05 | 36.38 | -38.76 | 49.67 | 74.00 | 24.33 | Horizontal |
| 3 | 9648 | 49.53 | 38.09 | -35.97 | 51.65 | 74.00 | 22.35 | Horizontal |

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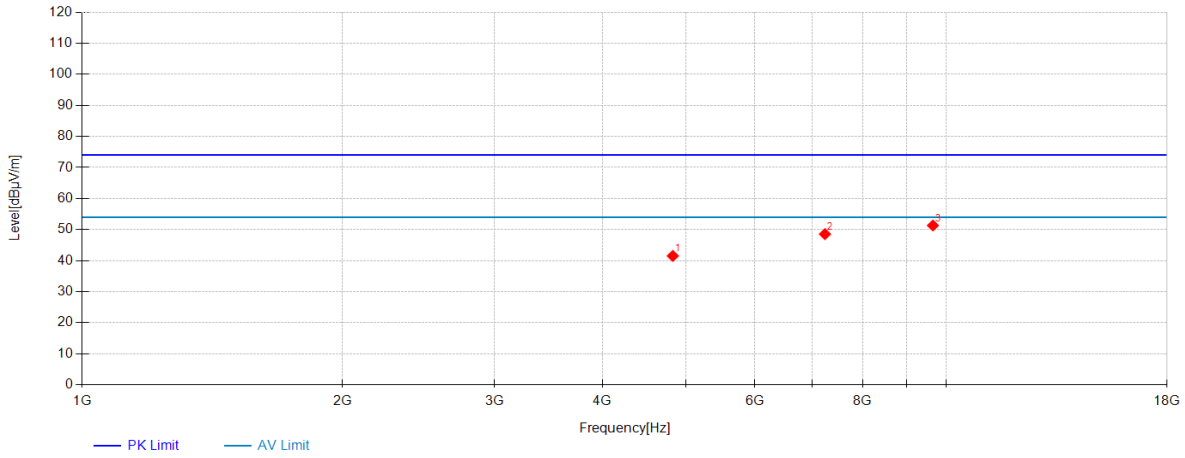
## 802.11g_Channel 1 CDD




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4824 | 53.75 | 30.70 | -42.93 | 41.52 | 74.00 | 32.48 | Vertical |
| 2 | 7236 | 50.93 | 36.38 | -38.76 | 48.55 | 74.00 | 25.45 | Vertical |
| 3 | 9648 | 49.20 | 38.09 | -35.97 | 51.32 | 74.00 | 22.68 | Vertical |

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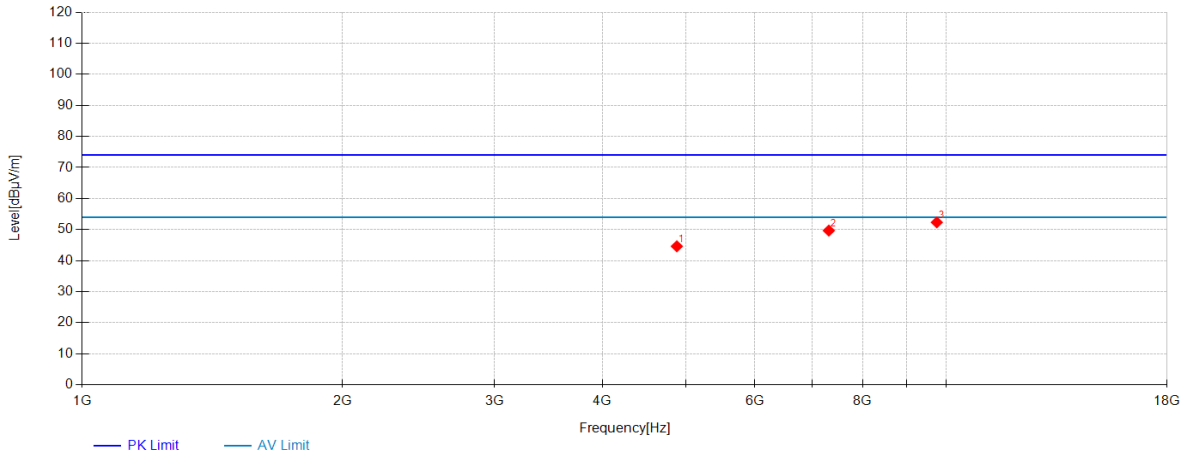
## 802.11g_Channel 6 CDD




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4876 | 56.76 | 30.76 | -42.90 | 44.62 | 74.00 | 29.38 | Horizontal |
| 2 | 7311 | 52.08 | 36.42 | -38.81 | 49.69 | 74.00 | 24.31 | Horizontal |
| 3 | 9748 | 50.07 | 38.30 | -36.04 | 52.33 | 74.00 | 21.67 | Horizontal |

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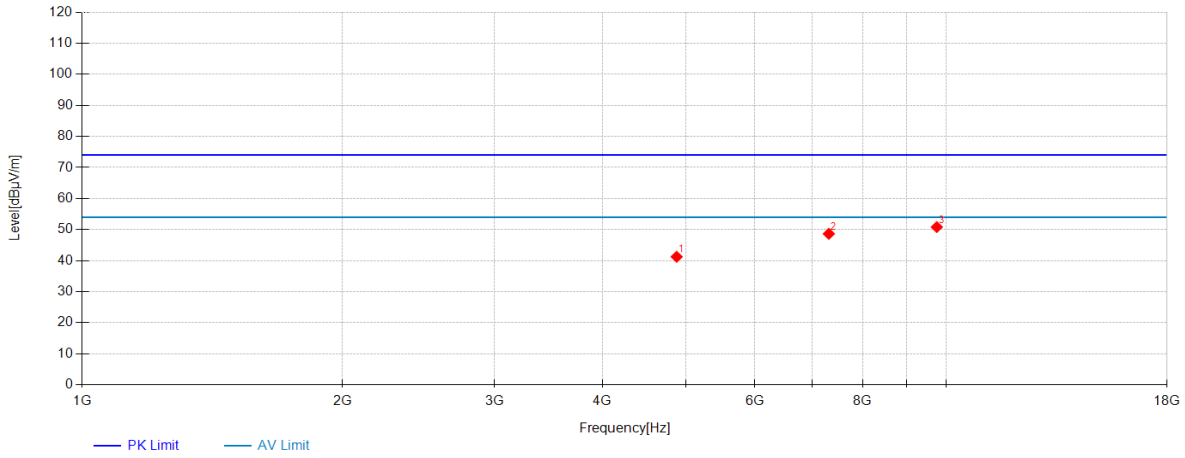
## 802.11g_Channel 6 CDD




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4874 | 53.41 | 30.74 | -42.90 | 41.25 | 74.00 | 32.75 | Vertical |
| 2 | 7311 | 51.04 | 36.42 | -38.81 | 48.65 | 74.00 | 25.35 | Vertical |
| 3 | 9748 | 48.56 | 38.30 | -36.04 | 50.82 | 74.00 | 23.18 | Vertical |

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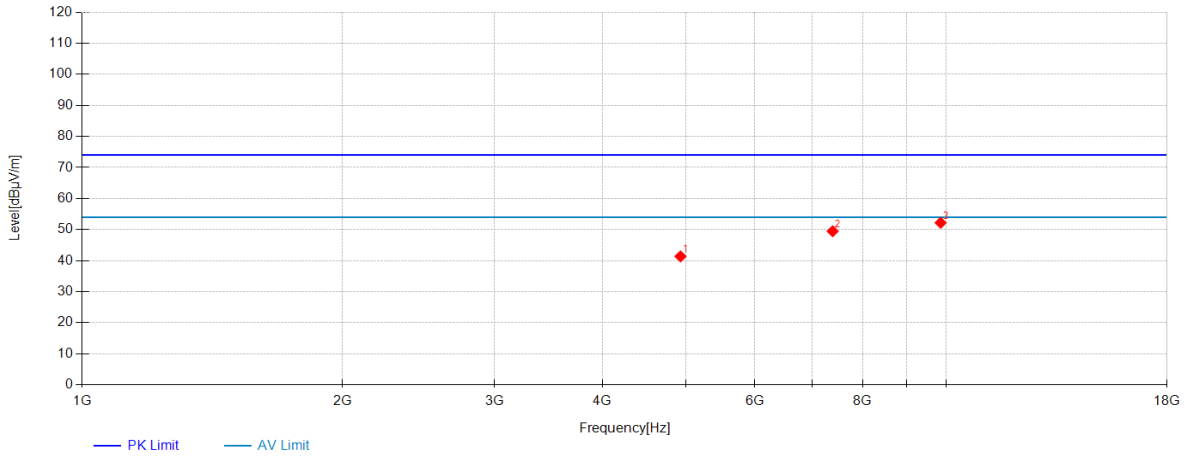
## 802.11g_Channel 11 CDD




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4924 | 53.26 | 30.95 | -42.84 | 41.37 | 74.00 | 32.63 | Horizontal |
| 2 | 7386 | 51.20 | 36.64 | -38.36 | 49.48 | 74.00 | 24.52 | Horizontal |
| 3 | 9848 | 49.35 | 38.21 | -35.36 | 52.20 | 74.00 | 21.80 | Horizontal |

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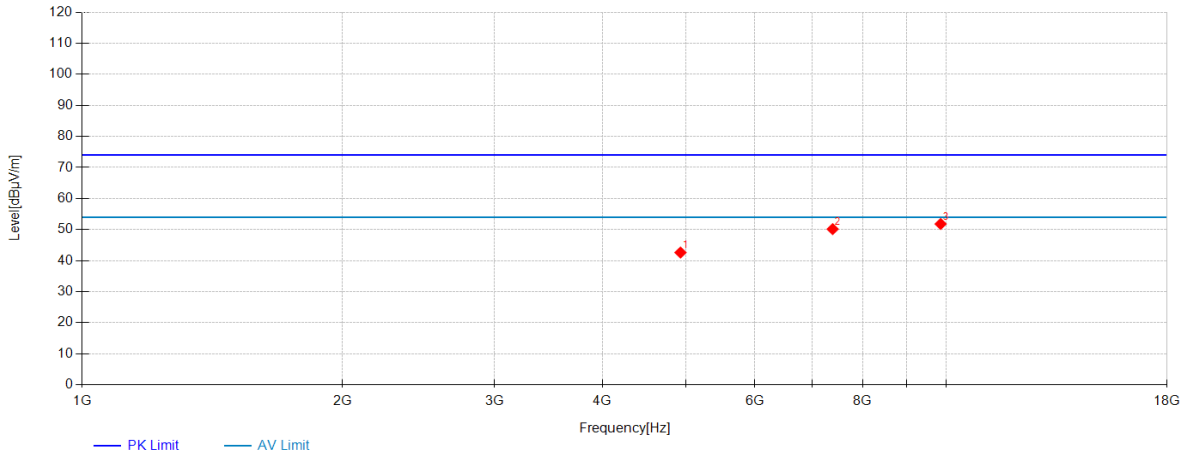


| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4924 | 54.50 | 30.95 | -42.84 | 42.61 | 74.00 | 31.39 | Vertical |
| 2 | 7386 | 51.88 | 36.64 | -38.36 | 50.16 | 74.00 | 23.84 | Vertical |
| 3 | 9848 | 48.97 | 38.21 | -35.36 | 51.82 | 74.00 | 22.18 | Vertical |

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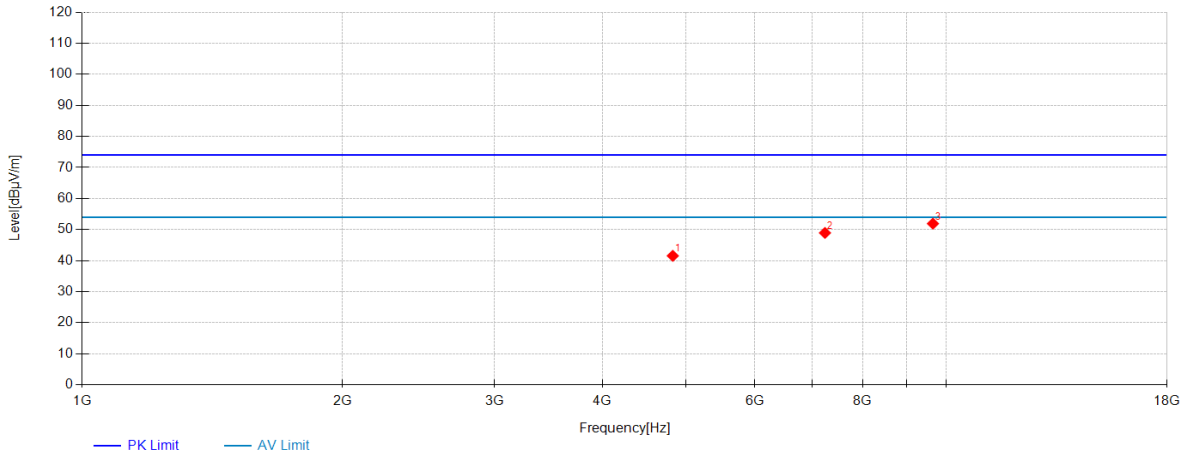
## 802.11n20_Channel 1 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4824 | 53.78 | 30.70 | -42.93 | 41.55 | 74.00 | 32.45 | Horizontal |
| 2 | 7236 | 51.31 | 36.38 | -38.76 | 48.93 | 74.00 | 25.07 | Horizontal |
| 3 | 9648 | 49.81 | 38.09 | -35.97 | 51.93 | 74.00 | 22.07 | Horizontal |

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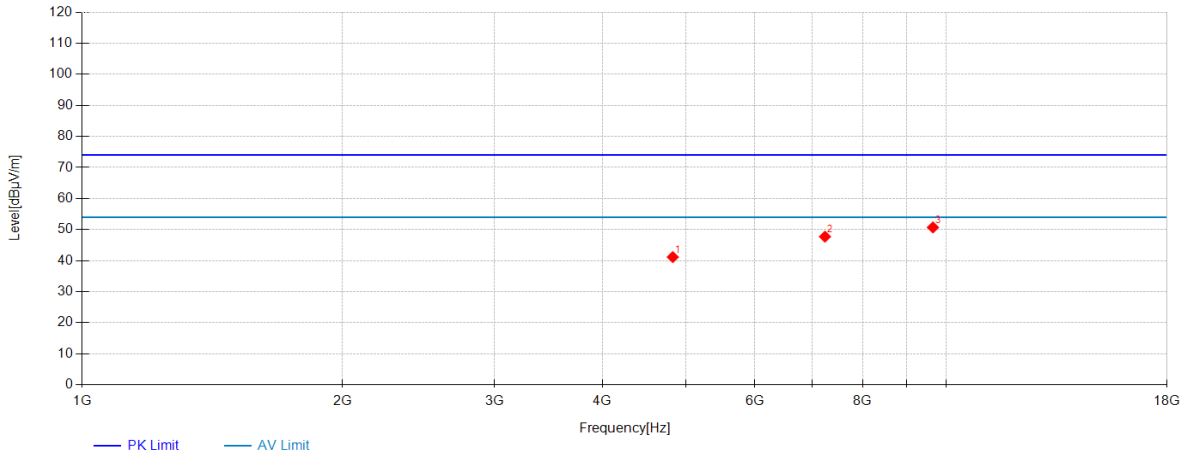
## 802.11n20_Channel 1 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4824 | 53.38 | 30.70 | -42.93 | 41.15 | 74.00 | 32.85 | Vertical |
| 2 | 7236 | 50.11 | 36.38 | -38.76 | 47.73 | 74.00 | 26.27 | Vertical |
| 3 | 9648 | 48.59 | 38.09 | -35.97 | 50.71 | 74.00 | 23.29 | Vertical |

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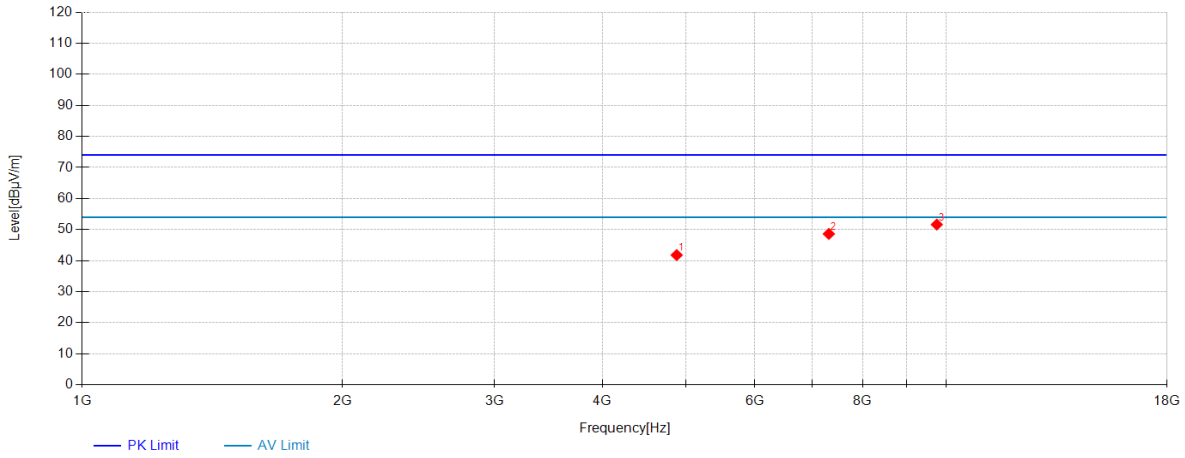
## 802.11n20_Channel 6 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4874 | 53.95 | 30.74 | -42.90 | 41.79 | 74.00 | 32.21 | Horizontal |
| 2 | 7311 | 51.01 | 36.42 | -38.81 | 48.62 | 74.00 | 25.38 | Horizontal |
| 3 | 9748 | 49.36 | 38.30 | -36.04 | 51.62 | 74.00 | 22.38 | Horizontal |

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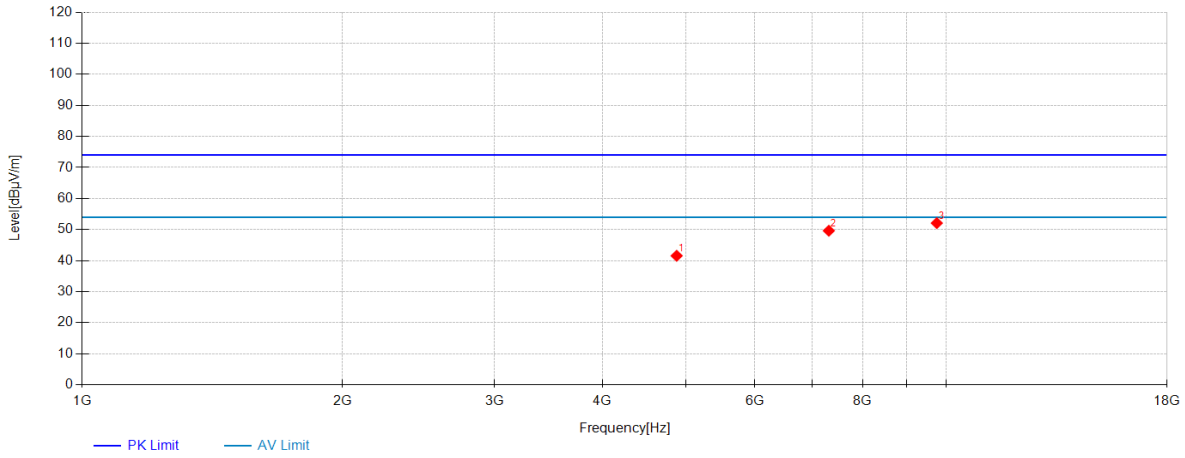
## 802.11n20_Channel 6 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4874 | 53.73 | 30.74 | -42.90 | 41.57 | 74.00 | 32.43 | Vertical |
| 2 | 7311 | 52.02 | 36.42 | -38.81 | 49.63 | 74.00 | 24.37 | Vertical |
| 3 | 9748 | 49.84 | 38.30 | -36.04 | 52.10 | 74.00 | 21.90 | Vertical |

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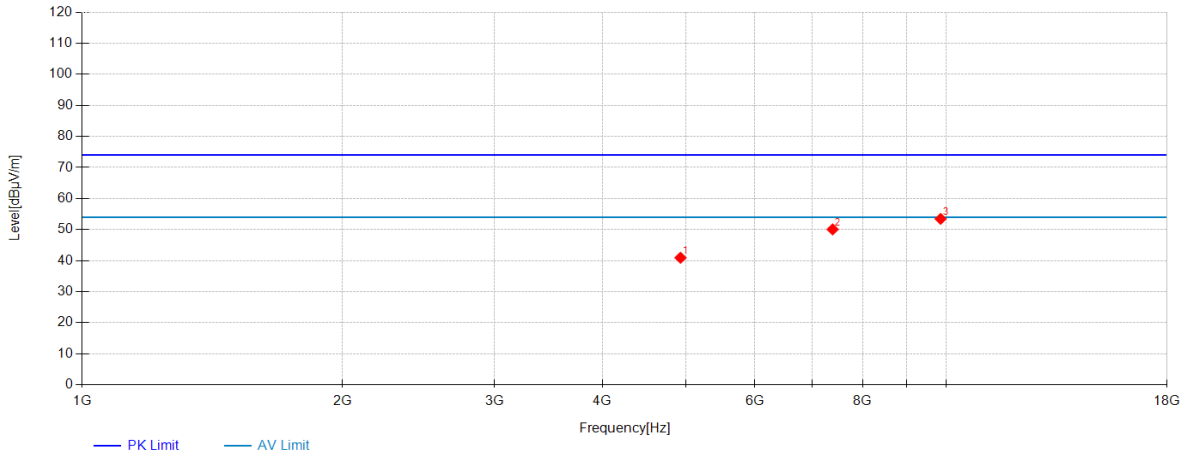
## 802.11n20_Channel 11 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4924 | 52.83 | 30.95 | -42.84 | 40.94 | 74.00 | 33.06 | Horizontal |
| 2 | 7386 | 51.79 | 36.64 | -38.36 | 50.07 | 74.00 | 23.93 | Horizontal |
| 3 | 9848 | 50.61 | 38.21 | -35.36 | 53.46 | 74.00 | 20.54 | Horizontal |

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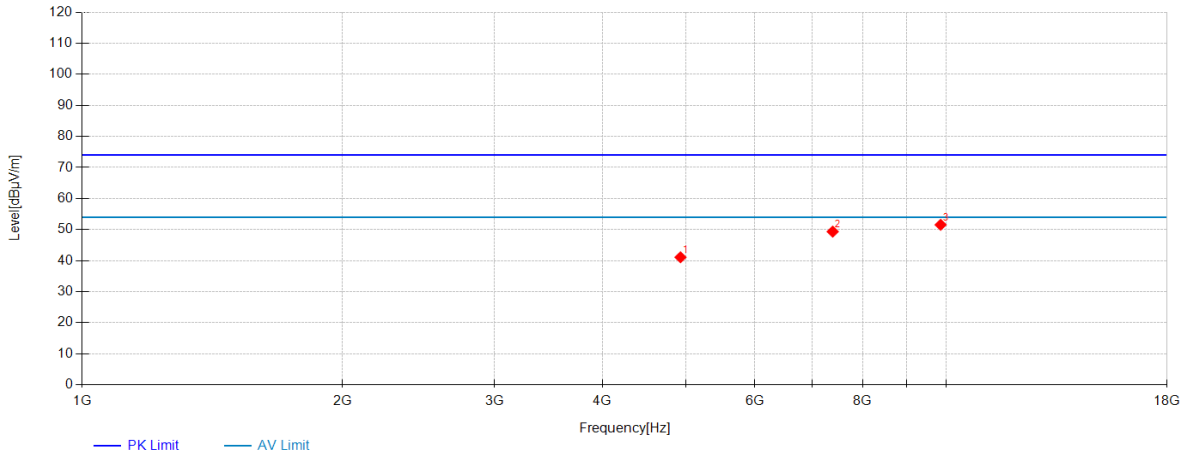
## 802.11n20_Channel 11 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4924 | 52.99 | 30.95 | -42.84 | 41.10 | 74.00 | 32.90 | Vertical |
| 2 | 7386 | 51.07 | 36.64 | -38.36 | 49.35 | 74.00 | 24.65 | Vertical |
| 3 | 9848 | 48.70 | 38.21 | -35.36 | 51.55 | 74.00 | 22.45 | Vertical |

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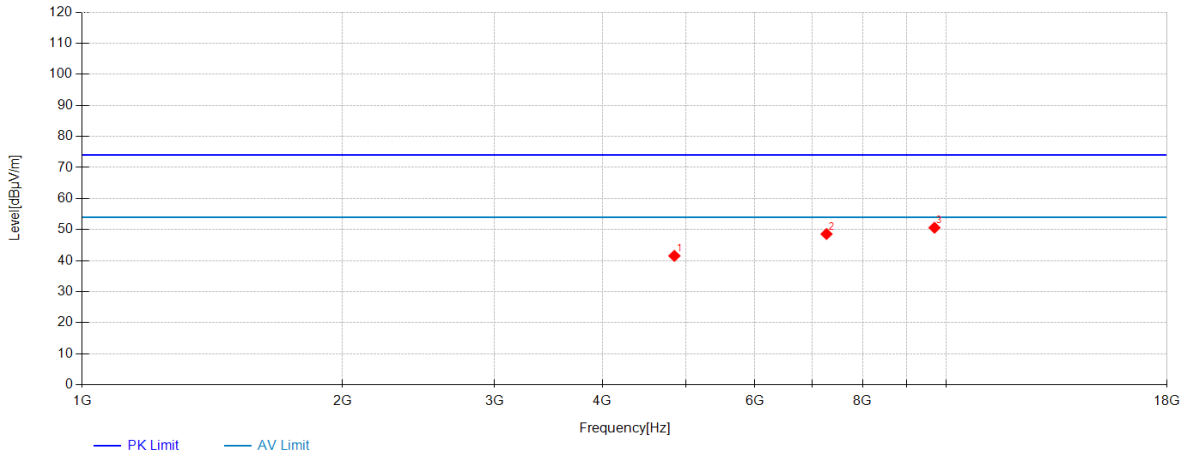
## 802.11n40_Channel 3 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4844 | 53.84 | 30.62 | -42.92 | 41.54 | 74.00 | 32.46 | Horizontal |
| 2 | 7266 | 51.07 | 36.33 | -38.82 | 48.58 | 74.00 | 25.42 | Horizontal |
| 3 | 9688 | 48.68 | 38.18 | -36.25 | 50.61 | 74.00 | 23.39 | Horizontal |

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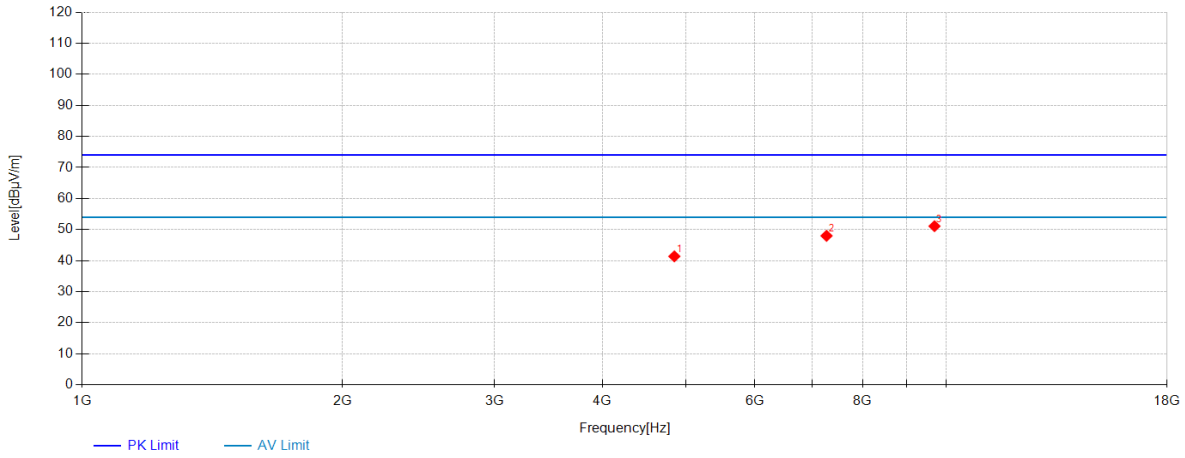
## 802.11n40_Channel 3 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4844 | 53.69 | 30.62 | -42.92 | 41.39 | 74.00 | 32.61 | Vertical |
| 2 | 7266 | 50.49 | 36.33 | -38.82 | 48.00 | 74.00 | 26.00 | Vertical |
| 3 | 9688 | 49.18 | 38.18 | -36.25 | 51.11 | 74.00 | 22.89 | Vertical |

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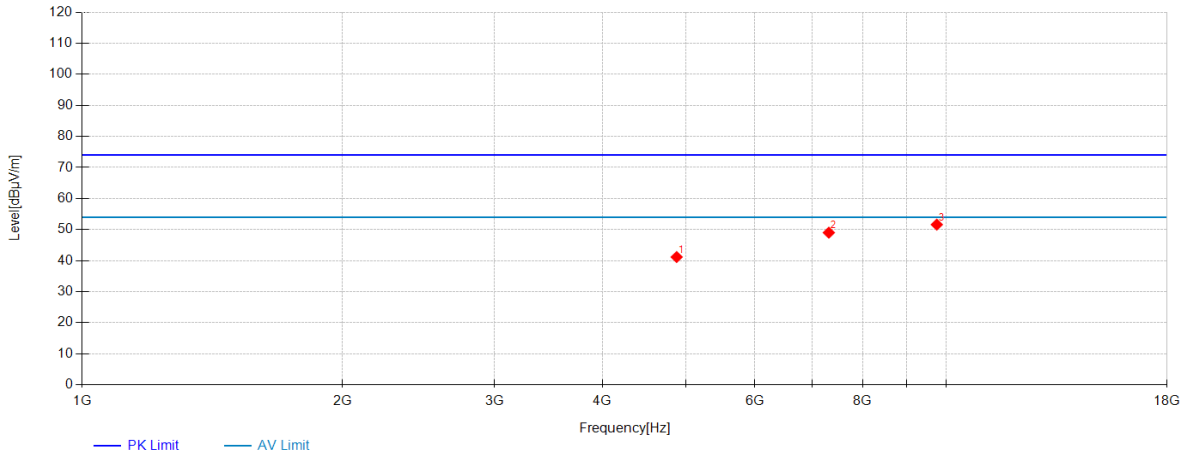
## 802.11n40_Channel 6 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4874 | 53.33 | 30.74 | -42.90 | 41.17 | 74.00 | 32.83 | Horizontal |
| 2 | 7311 | 51.41 | 36.42 | -38.81 | 49.02 | 74.00 | 24.98 | Horizontal |
| 3 | 9748 | 49.35 | 38.30 | -36.04 | 51.61 | 74.00 | 22.39 | Horizontal |

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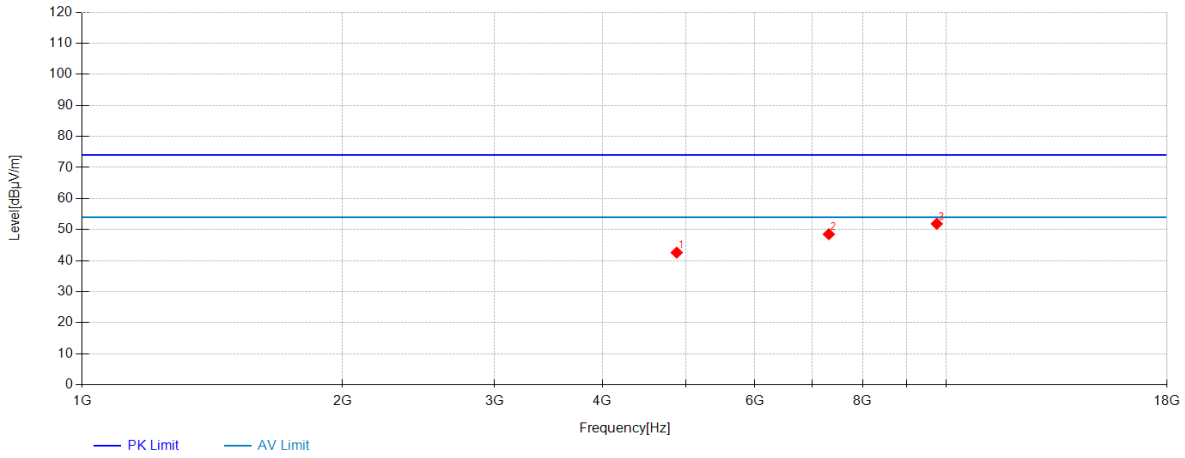
## 802.11n40_Channel 6 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4874 | 54.76 | 30.74 | -42.90 | 42.60 | 74.00 | 31.40 | Vertical |
| 2 | 7311 | 50.90 | 36.42 | -38.81 | 48.51 | 74.00 | 25.49 | Vertical |
| 3 | 9748 | 49.61 | 38.30 | -36.04 | 51.87 | 74.00 | 22.13 | Vertical |

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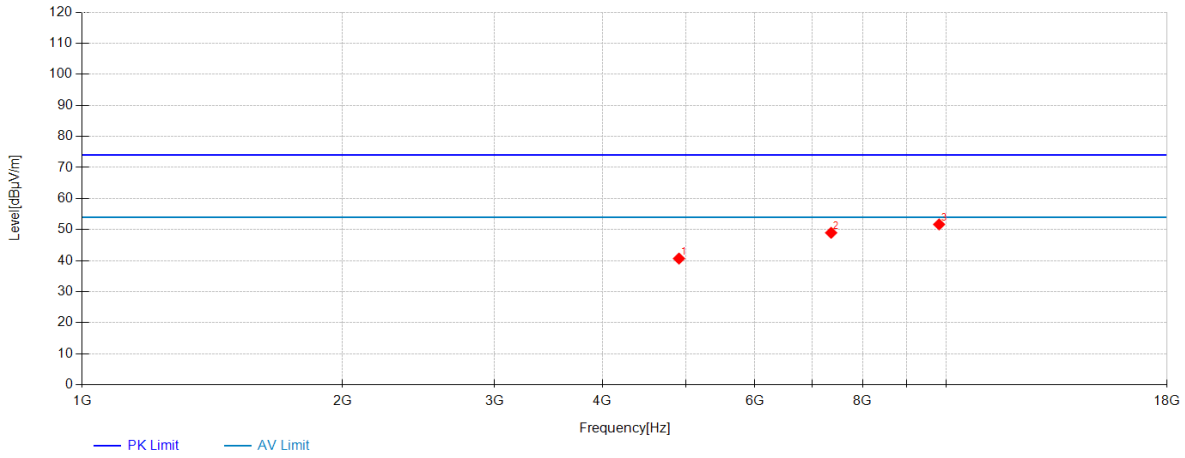
## 802.11n40_Channel 9 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4904 | 52.63 | 30.91 | -42.87 | 40.67 | 74.00 | 33.33 | Horizontal |
| 2 | 7356 | 50.99 | 36.52 | -38.54 | 48.97 | 74.00 | 25.03 | Horizontal |
| 3 | 9808 | 48.89 | 38.45 | -35.67 | 51.67 | 74.00 | 22.33 | Horizontal |

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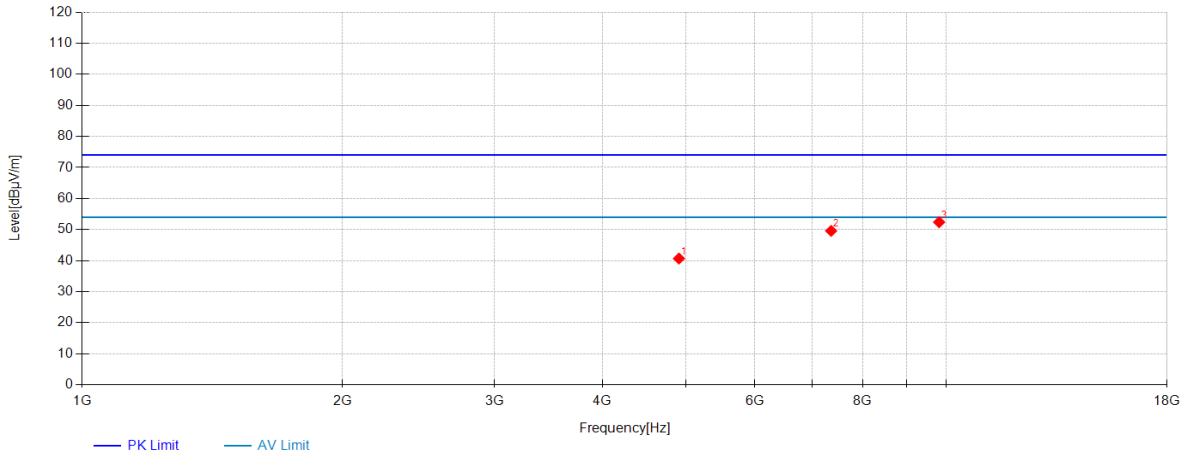
## 802.11n40_Channel 9 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4904 | 52.65 | 30.91 | -42.87 | 40.69 | 74.00 | 33.31 | Vertical |
| 2 | 7356 | 51.60 | 36.52 | -38.54 | 49.58 | 74.00 | 24.42 | Vertical |
| 3 | 9808 | 49.61 | 38.45 | -35.67 | 52.39 | 74.00 | 21.61 | Vertical |

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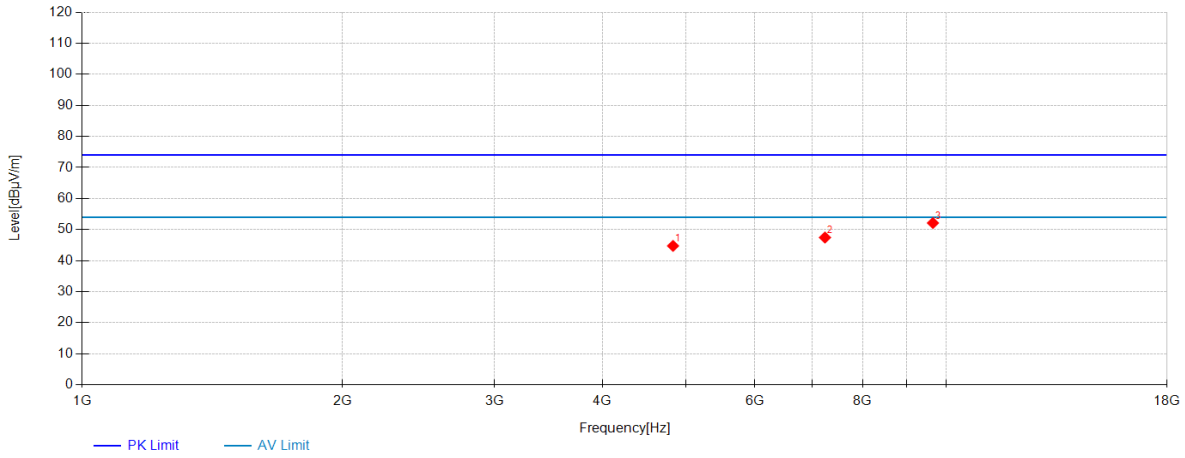
## 802.11ax20_Channel 1 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4827 | 56.99 | 30.69 | -42.93 | 44.75 | 74.00 | 29.25 | Horizontal |
| 2 | 7236 | 49.82 | 36.38 | -38.76 | 47.44 | 74.00 | 26.56 | Horizontal |
| 3 | 9648 | 50.00 | 38.09 | -35.97 | 52.12 | 74.00 | 21.88 | Horizontal |

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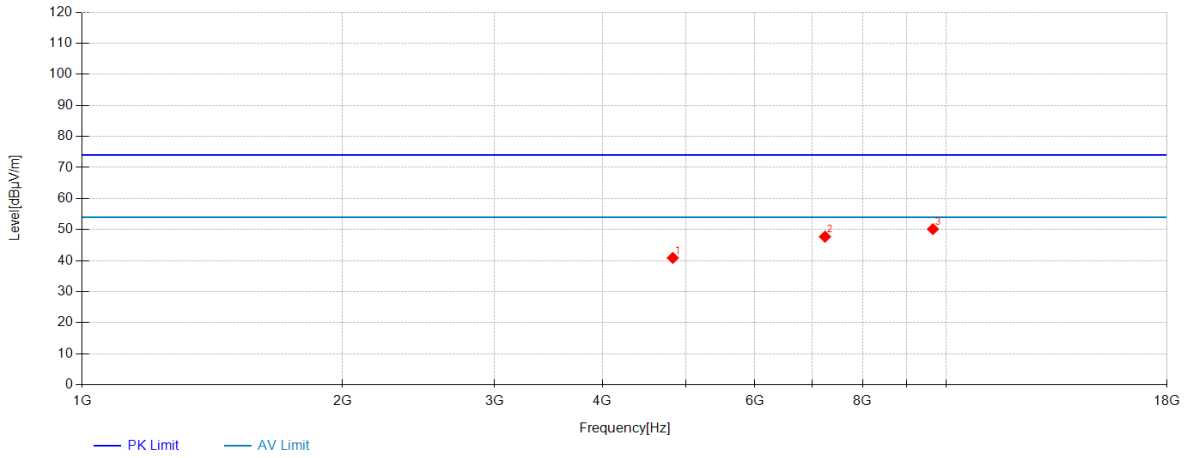


| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBμV] | AF[dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1 | 4824 | 53.11 | 30.70 | -42.93 | 40.88 | 74.00 | 33.12 | Vertical |
| 2 | 7236 | 50.10 | 36.38 | -38.76 | 47.72 | 74.00 | 26.28 | Vertical |
| 3 | 9648 | 48.03 | 38.09 | -35.97 | 50.15 | 74.00 | 23.85 | Vertical |

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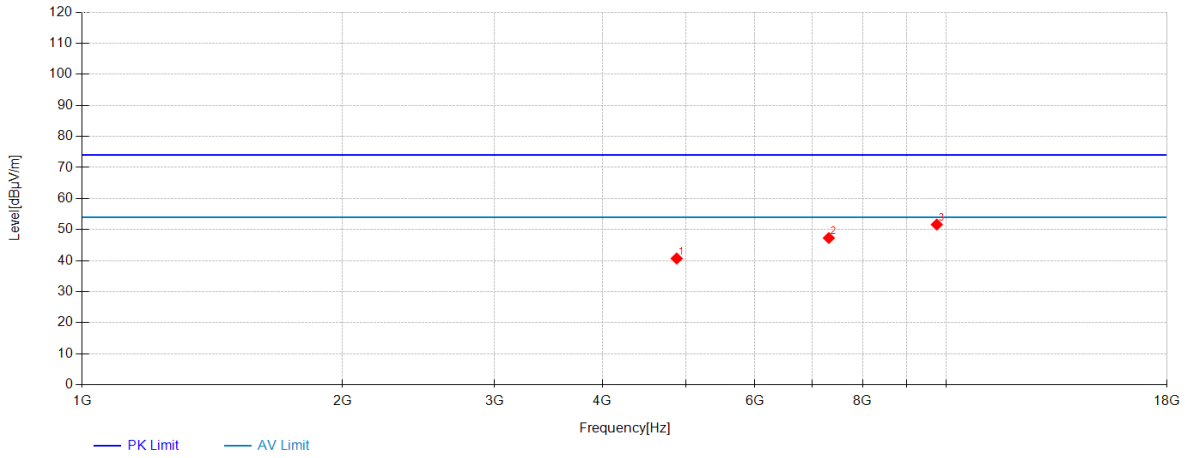
## 802.11ax20_Channel 6 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4874 | 52.85 | 30.74 | -42.90 | 40.69 | 74.00 | 33.31 | Horizontal |
| 2 | 7311 | 49.68 | 36.42 | -38.81 | 47.29 | 74.00 | 26.71 | Horizontal |
| 3 | 9748 | 49.36 | 38.30 | -36.04 | 51.62 | 74.00 | 22.38 | Horizontal |

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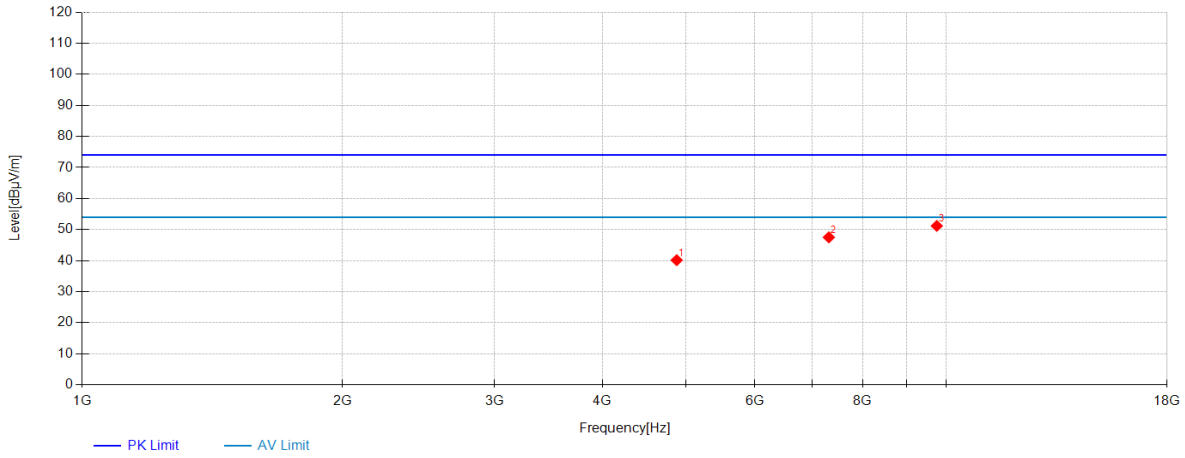
## 802.11ax20_Channel 6 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBμV] | AF[dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1 | 4874 | 52.31 | 30.74 | -42.90 | 40.15 | 74.00 | 33.85 | Vertical |
| 2 | 7311 | 49.90 | 36.42 | -38.81 | 47.51 | 74.00 | 26.49 | Vertical |
| 3 | 9748 | 48.93 | 38.30 | -36.04 | 51.19 | 74.00 | 22.81 | Vertical |

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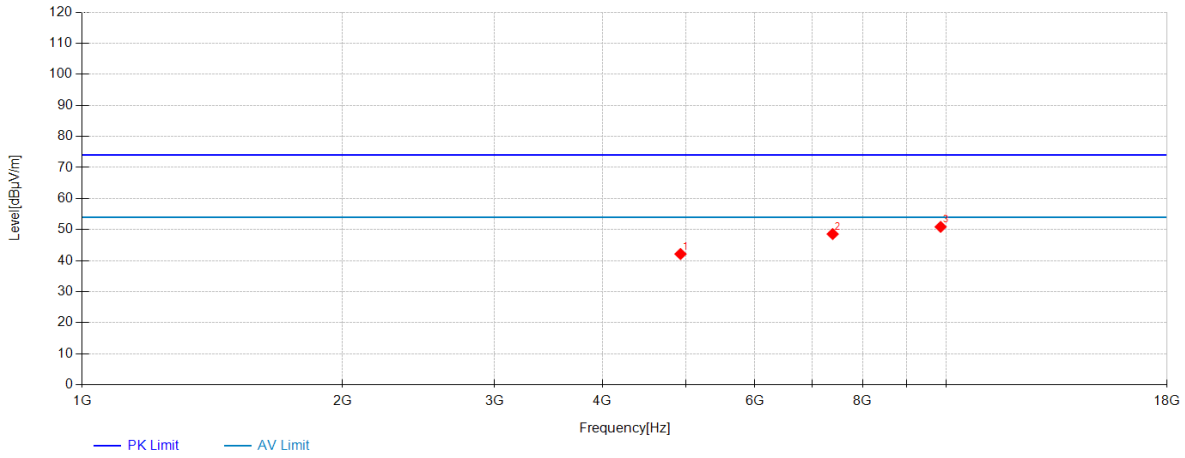
## 802.11ax20_Channel 11 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4924 | 54.03 | 30.95 | -42.84 | 42.14 | 74.00 | 31.86 | Horizontal |
| 2 | 7386 | 50.29 | 36.64 | -38.36 | 48.57 | 74.00 | 25.43 | Horizontal |
| 3 | 9848 | 48.03 | 38.21 | -35.36 | 50.88 | 74.00 | 23.12 | Horizontal |

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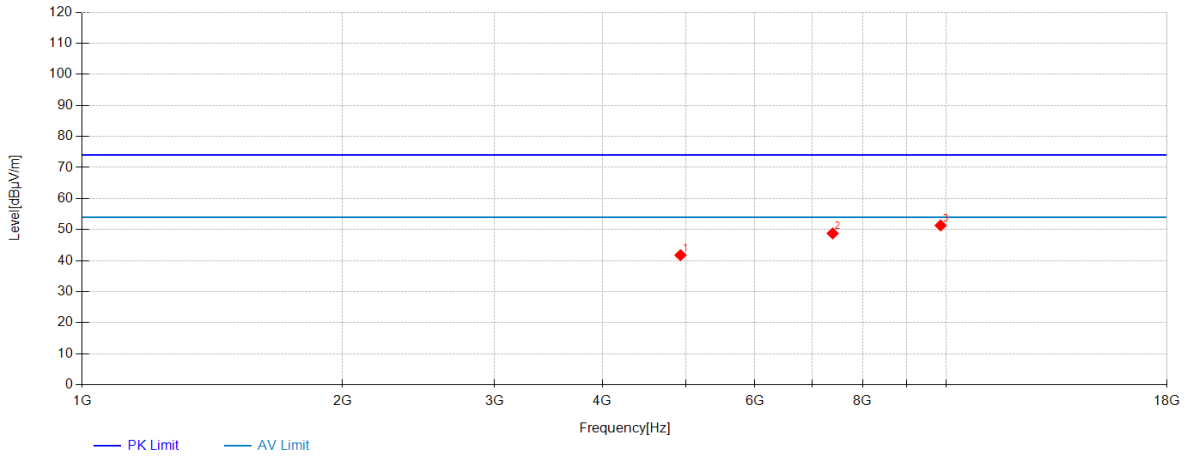
## 802.11ax20_Channel 11 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4924 | 53.67 | 30.95 | -42.84 | 41.78 | 74.00 | 32.22 | Vertical |
| 2 | 7386 | 50.50 | 36.64 | -38.36 | 48.78 | 74.00 | 25.22 | Vertical |
| 3 | 9848 | 48.48 | 38.21 | -35.36 | 51.33 | 74.00 | 22.67 | Vertical |

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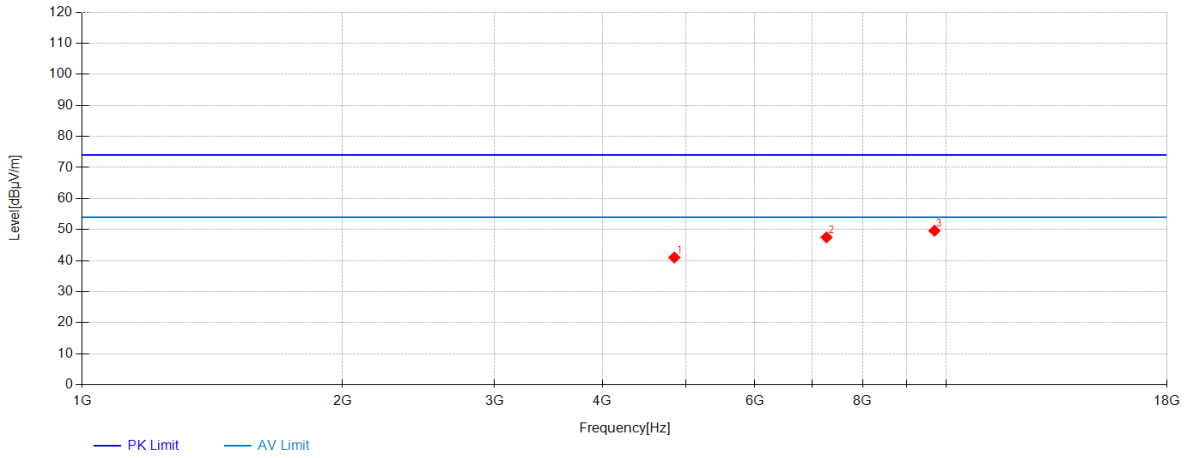
## 802.11ax40_Channel 3 MIMO




| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4844 | 53.32 | 30.62 | -42.92 | 41.02 | 74.00 | 32.98 | Horizontal |
| 2 | 7266 | 50.00 | 36.33 | -38.82 | 47.51 | 74.00 | 26.49 | Horizontal |
| 3 | 9688 | 47.71 | 38.18 | -36.25 | 49.64 | 74.00 | 24.36 | Horizontal |

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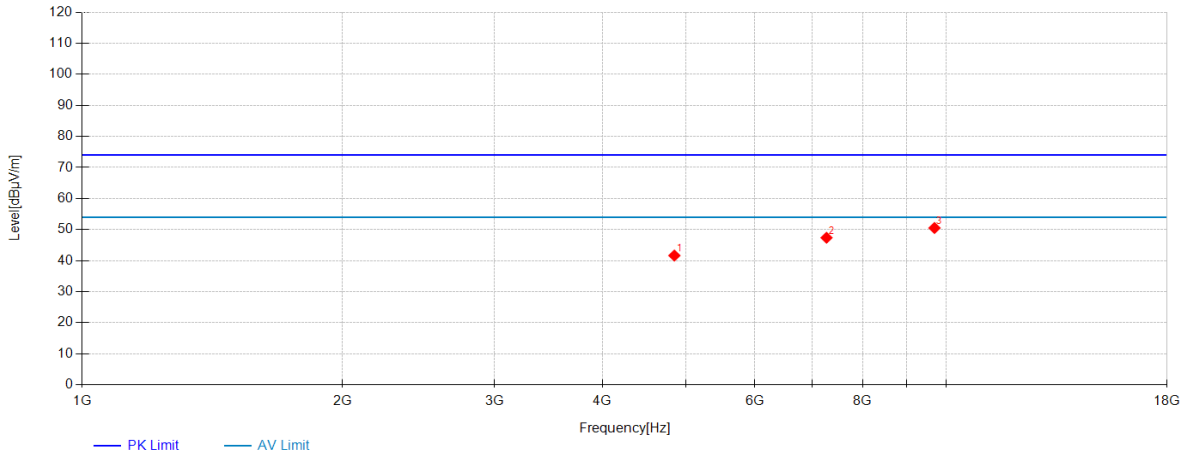


| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBμV] | AF[dB/m] | Factor [dB] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Polarity |
| 1 | 4844 | 53.95 | 30.62 | -42.92 | 41.65 | 74.00 | 32.35 | Vertical |
| 2 | 7266 | 49.87 | 36.33 | -38.82 | 47.38 | 74.00 | 26.62 | Vertical |
| 3 | 9688 | 48.59 | 38.18 | -36.25 | 50.52 | 74.00 | 23.48 | Vertical |

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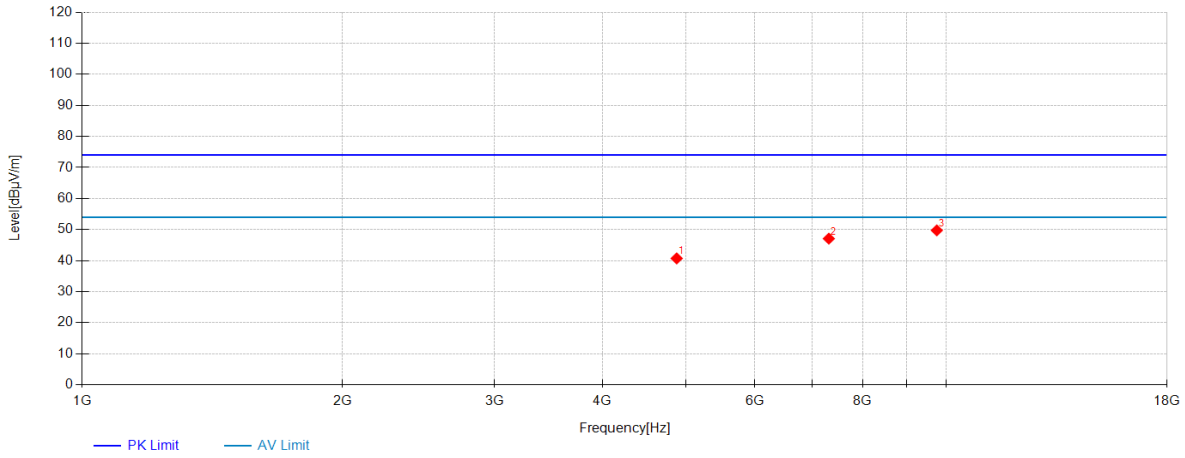


| Data List | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| NO. | Frequency [MHz] | Reading [dBµV] | AF[dB/m] | Factor [dB] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Polarity |
| 1 | 4874 | 52.89 | 30.74 | -42.90 | 40.73 | 74.00 | 33.27 | Horizontal |
| 2 | 7311 | 49.48 | 36.42 | -38.81 | 47.09 | 74.00 | 26.91 | Horizontal |
| 3 | 9748 | 47.50 | 38.30 | -36.04 | 49.76 | 74.00 | 24.24 | Horizontal |

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