

Appendix B: Test Results of Radiated Spurious Emissions & Mains

Conducted Emission Test

Band Edges, 2.31GHz ~ 2.9GHz

802.11b

CH 1(Horizontal) Peak

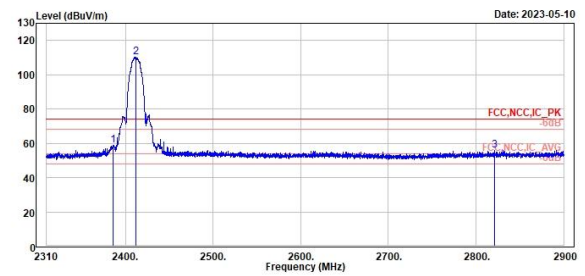
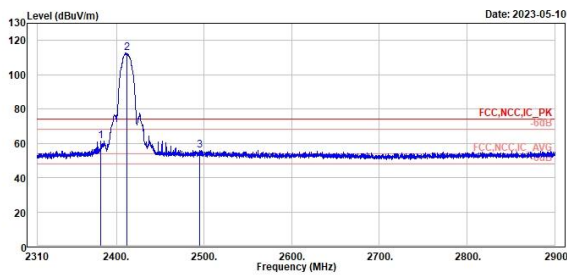
CH 1(Vertical) Peak



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| Peak | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|------------|--------|------------|------------|------|------|--------|------------|------|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2381.98 | 61.49 | 24.40 | 37.09 | 74.00 | -12.51 | 120 | 177 | Peak | HORIZONTAL | |
| 2 * | 2412.00 | 112.48 | 75.29 | 37.19 | 74.00 | 38.48 | 120 | 177 | Peak | HORIZONTAL | |
| 3 | 2494.91 | 56.08 | 18.58 | 37.50 | 74.00 | -17.92 | 120 | 177 | Peak | HORIZONTAL | |

| Peak | Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|------------|--------|------------|------------|------|------|--------|-----------|------|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2385.99 | 50.96 | 21.86 | 37.10 | 74.00 | -15.04 | 100 | 260 | Peak | Vertical | |
| 2 * | 2412.00 | 110.13 | 72.94 | 37.19 | 74.00 | 36.13 | 100 | 260 | Peak | Vertical | |
| 3 | 2821.18 | 55.92 | 18.45 | 37.47 | 74.00 | -18.08 | 100 | 260 | Peak | Vertical | |

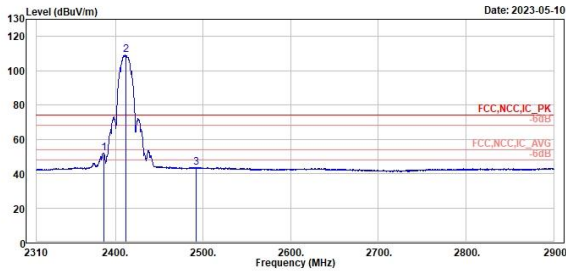
802.11b

CH 1(Horizontal) Average

CH 1(Vertical) Average



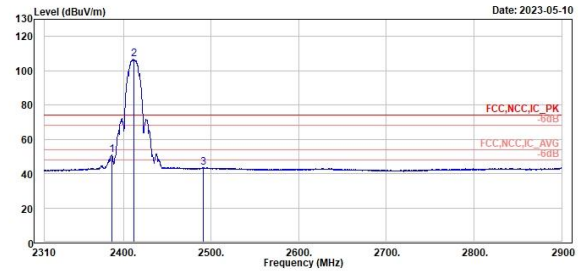
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| Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|-------------|--------|------------|--------|------------|------------|------|------|---------|------------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 2386.82 | 51.97 | 14.87 | 37.10 | 54.00 | -2.03 | 120 | 177 | Average | HORIZONTAL | |
| 2 * 2412.80 | 109.05 | 71.86 | 37.19 | 54.00 | 55.05 | 120 | 177 | Average | HORIZONTAL | |
| 3 2491.84 | 43.65 | 6.16 | 37.49 | 54.00 | -10.35 | 120 | 177 | Average | HORIZONTAL | |



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| Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|-------------|--------|------------|--------|------------|------------|------|------|---------|-----------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 2387.05 | 50.87 | 13.77 | 37.10 | 54.00 | -3.13 | 100 | 260 | Average | Vertical | |
| 2 * 2412.80 | 106.57 | 69.38 | 37.19 | 54.00 | 52.57 | 100 | 260 | Average | Vertical | |
| 3 2491.48 | 43.50 | 6.01 | 37.49 | 54.00 | -10.50 | 100 | 260 | Average | Vertical | |

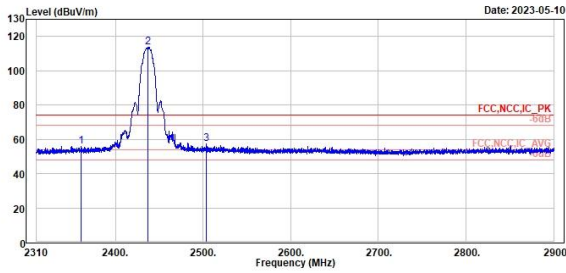
802.11b

CH 6(Horizontal) Peak

CH 6(Vertical) Peak



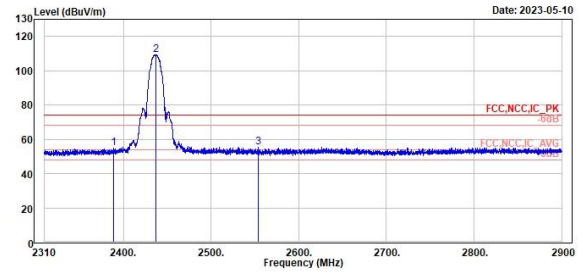
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| Peak | Freq (MHz) | Level (dBuV/m) | Read Level (dBuV) | Level Factor (dB/m) | Limit Line (dBuV/m) | Over Limit (dB) | APos (cm) | TPos (deg) | Remark | Pol/Phase | Note |
|------|------------|----------------|-------------------|---------------------|---------------------|-----------------|-----------|------------|--------|------------|------|
| 1 | 2369.98 | 55.97 | 18.90 | 37.07 | 74.00 | -18.03 | 119 | 178 | Peak | Horizontal | |
| 2 * | 2437.00 | 113.74 | 76.38 | 37.36 | 74.00 | 39.74 | 119 | 178 | Peak | Horizontal | |
| 3 | 2503.76 | 57.35 | 19.86 | 37.49 | 74.00 | -16.65 | 119 | 178 | Peak | Horizontal | |



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| Peak | Freq (MHz) | Level (dBuV/m) | Read Level (dBuV) | Level Factor (dB/m) | Limit Line (dBuV/m) | Over Limit (dB) | APos (cm) | TPos (deg) | Remark | Pol/Phase | Note |
|------|------------|----------------|-------------------|---------------------|---------------------|-----------------|-----------|------------|--------|-----------|------|
| 1 | 2388.47 | 55.11 | 18.01 | 37.10 | 74.00 | -18.89 | 374 | 113 | Peak | Vertical | |
| 2 * | 2437.00 | 109.46 | 72.10 | 37.36 | 74.00 | 35.46 | 374 | 113 | Peak | Vertical | |
| 3 | 2553.55 | 55.53 | 18.08 | 37.45 | 74.00 | -18.47 | 374 | 113 | Peak | Vertical | |

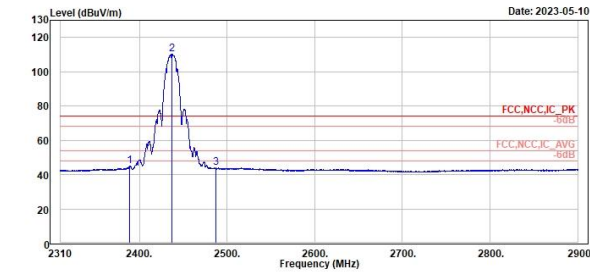
802.11b

CH 6(Horizontal) Average

CH 6(Vertical) Average



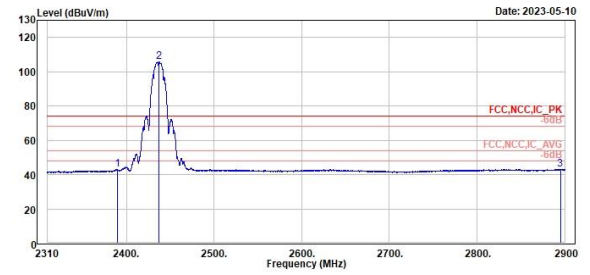
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| 1 | 2 | 3 | | | | | | | |
|---------|--------|-------|-------|--------|-------|------|--------|-----------|------------|
| Freq | Level | Read | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 2389.38 | 44.89 | 7.79 | 37.10 | 54.00 | -9.11 | 119 | 178 | Average | Horizontal |
| 2437.00 | 110.15 | 72.79 | 37.36 | 54.00 | 56.15 | 119 | 178 | Average | Horizontal |
| 2487.24 | 44.03 | 6.54 | 37.49 | 54.00 | -9.97 | 119 | 178 | Average | Horizontal |



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| 1 | 2 | 3 | | | | | | | |
|---------|--------|-------|-------|--------|--------|------|--------|-----------|----------|
| Freq | Level | Read | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 2389.41 | 43.18 | 6.08 | 37.10 | 54.00 | -10.82 | 374 | 113 | Average | Vertical |
| 2437.00 | 106.01 | 68.65 | 37.36 | 54.00 | 52.01 | 374 | 113 | Average | Vertical |
| 2894.93 | 43.19 | 5.25 | 37.94 | 54.00 | -10.81 | 374 | 113 | Average | Vertical |

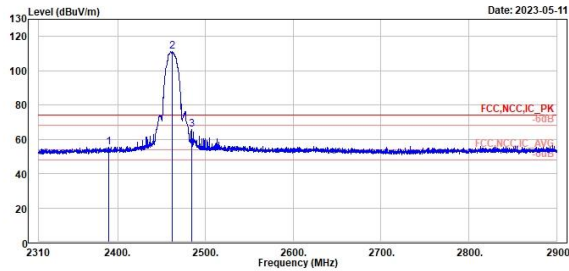
802.11b

CH 11 (Horizontal) Peak

CH 11 (Vertical) Peak



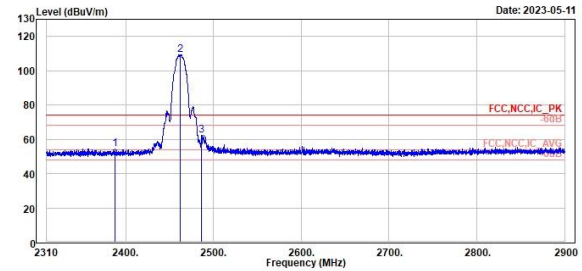
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| Peak | Freq (MHz) | Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit Line (dBuV/m) | Over Limit (dB) | APos (cm) | TPos (deg) | Remark | Pol/Phase | Note |
|------|------------|----------------|-------------------|---------------|---------------------|-----------------|-----------|------------|--------|------------|------|
| 1 | 2389.09 | 55.31 | 18.21 | 37.10 | 74.00 | -18.69 | 188 | 180 | Peak | Horizontal | |
| 2 * | 2462.00 | 111.13 | 73.66 | 37.47 | 74.00 | 37.13 | 188 | 180 | Peak | Horizontal | |
| 3 | 2484.05 | 65.55 | 28.06 | 37.49 | 74.00 | -8.45 | 188 | 180 | Peak | Horizontal | |



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| Peak | Freq (MHz) | Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit Line (dBuV/m) | Over Limit (dB) | APos (cm) | TPos (deg) | Remark | Pol/Phase | Note |
|------|------------|----------------|-------------------|---------------|---------------------|-----------------|-----------|------------|--------|-----------|------|
| 1 | 2388.35 | 54.55 | 17.45 | 37.10 | 74.00 | -19.45 | 360 | 117 | Peak | Vertical | |
| 2 * | 2462.00 | 109.29 | 71.82 | 37.47 | 74.00 | 35.29 | 360 | 117 | Peak | Vertical | |
| 3 | 2486.17 | 62.44 | 24.95 | 37.49 | 74.00 | -11.56 | 360 | 117 | Peak | Vertical | |

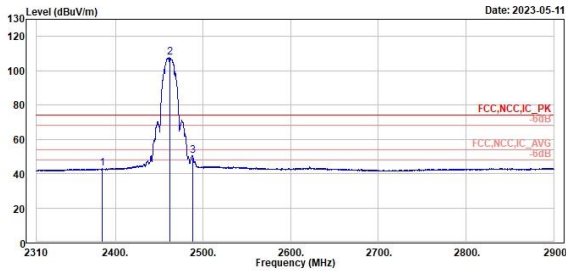
802.11b

CH 11 (Horizontal) Average

CH 11 (Vertical) Average



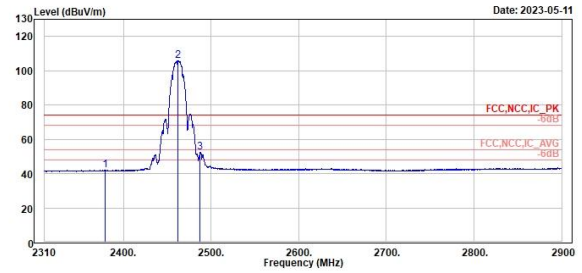
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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---------|--------|-------|-------|--------|--------|-----|-----|---------|------------|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | | | | | | | | | | |
| 2384.93 | 42.89 | 5.71 | 37.89 | 54.00 | -11.20 | 188 | 188 | Average | Horizontal | | | | | | | | | | |
| 2462.80 | 107.58 | 70.11 | 37.47 | 54.00 | 53.58 | 188 | 188 | Average | Horizontal | | | | | | | | | | |
| 2487.83 | 50.22 | 12.73 | 37.49 | 54.00 | -3.78 | 188 | 188 | Average | Horizontal | | | | | | | | | | |



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| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---------|--------|-------|-------|--------|--------|-----|-----|---------|----------|----|----|----|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | | | | | | | | | | |
| 2379.83 | 41.96 | 4.87 | 37.89 | 54.00 | -12.04 | 368 | 117 | Average | Vertical | | | | | | | | | | |
| 2462.80 | 105.78 | 68.31 | 37.47 | 54.00 | 51.78 | 368 | 117 | Average | Vertical | | | | | | | | | | |
| 2487.71 | 52.43 | 14.94 | 37.49 | 54.00 | -1.57 | 368 | 117 | Average | Vertical | | | | | | | | | | |

802.11g

CH 1(Horizontal) Peak

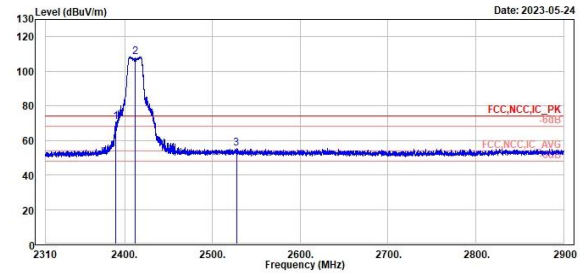
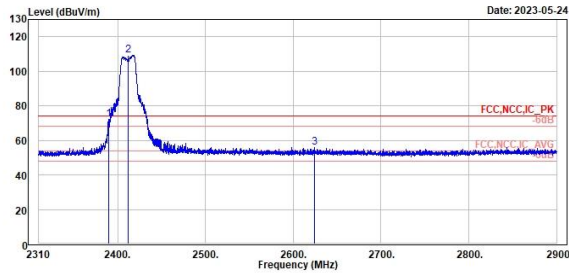
CH 1(Vertical) Peak



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| Peak | Freq | Level | Read | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|-------|-------|--------|--------|------|----------|------------|------|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 1 | 2390.00 | 72.13 | 35.03 | 37.10 | 74.00 | -1.87 | 157 | 166 Peak | Horizontal | |
| 2 | 2412.00 | 109.21 | 72.02 | 37.19 | 74.00 | 35.21 | 157 | 166 Peak | Horizontal | |
| 3 | 2624.00 | 55.98 | 18.61 | 37.37 | 74.00 | -18.02 | 157 | 166 Peak | Horizontal | |

| Peak | Freq | Level | Read | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|-------|-------|--------|--------|------|----------|-----------|------|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 1 | 2389.09 | 70.76 | 33.66 | 37.10 | 74.00 | -3.24 | 148 | 221 Peak | Vertical | |
| 2 | 2412.00 | 100.40 | 71.21 | 37.19 | 74.00 | 36.40 | 148 | 221 Peak | Vertical | |
| 3 | 2527.36 | 55.20 | 17.72 | 37.48 | 74.00 | -18.80 | 140 | 221 Peak | Vertical | |

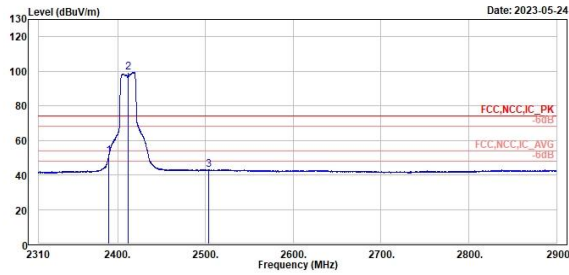
802.11g

CH 1(Horizontal) Average

CH 1(Vertical) Average



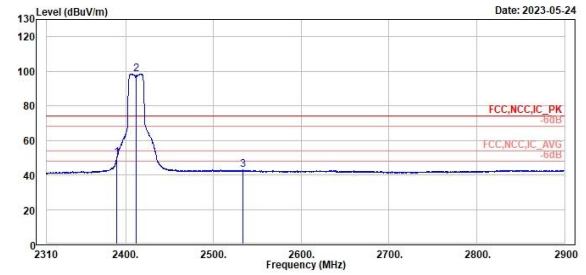
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| 1 | 2 | 3 | | | | | | | |
|---------|------------|--------|------------|------------|--------|------|-------------|------------|------|
| Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
| dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 2390.00 | 51.08 | 13.98 | 37.10 | 54.00 | -2.92 | 157 | 166 Average | Horizontal | |
| 2412.00 | 99.58 | 62.31 | 37.19 | 54.00 | 45.58 | 157 | 166 Average | Horizontal | |
| 2503.76 | 43.12 | 5.63 | 37.49 | 54.00 | -10.88 | 157 | 166 Average | Horizontal | |



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| 1 | 2 | 3 | | | | | | | |
|---------|------------|--------|------------|------------|--------|------|-------------|-----------|------|
| Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
| dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 2390.00 | 49.74 | 12.64 | 37.10 | 54.00 | -4.26 | 148 | 221 Average | Vertical | |
| 2412.00 | 98.59 | 61.40 | 37.19 | 54.00 | 44.59 | 148 | 221 Average | Vertical | |
| 2533.73 | 43.10 | 5.64 | 37.46 | 54.00 | -10.90 | 148 | 221 Average | Vertical | |

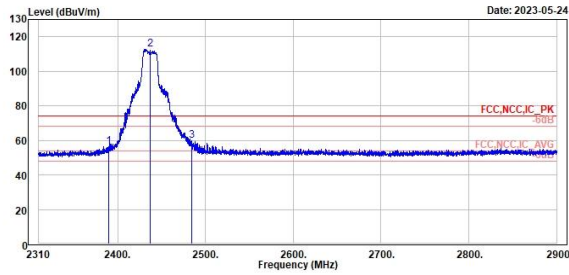
802.11g

CH 6(Horizontal) Peak

CH 6(Vertical) Peak



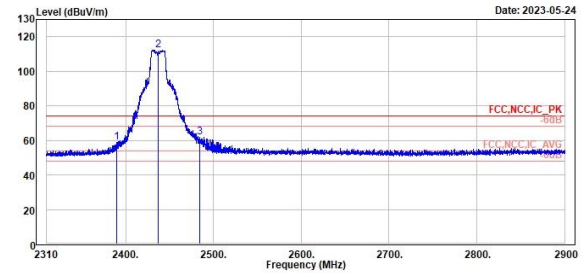
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| Freq | Level | Read | Level | Factor | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | dB | cm | deg | | | |
| 1 | 2389.53 | 56.36 | 19.26 | 37.10 | 74.00 | -17.64 | 100 | 250 | Peak | Horizontal | |
| 2 | 2437.00 | 112.69 | 75.33 | 37.36 | 74.00 | 38.69 | 100 | 250 | Peak | Horizontal | |
| 3 | 2484.76 | 59.63 | 22.14 | 37.49 | 74.00 | -14.37 | 100 | 250 | Peak | Horizontal | |



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| Freq | Level | Read | Level | Factor | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | dB | cm | deg | | | |
| 1 | 2389.09 | 58.75 | 21.65 | 37.10 | 74.00 | -15.25 | 100 | 221 | Peak | Vertical | |
| 2 | 2437.00 | 112.28 | 74.92 | 37.36 | 74.00 | 38.28 | 100 | 221 | Peak | Vertical | |
| 3 | 2484.76 | 61.99 | 24.50 | 37.49 | 74.00 | -12.01 | 100 | 221 | Peak | Vertical | |

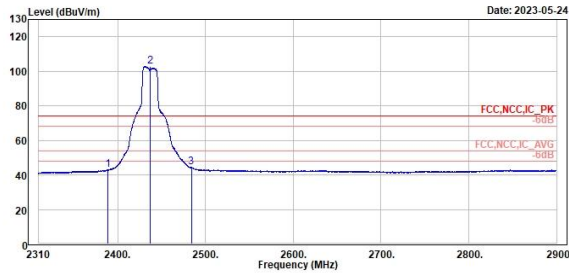
802.11g

CH 6(Horizontal) Average

CH 6(Vertical) Average



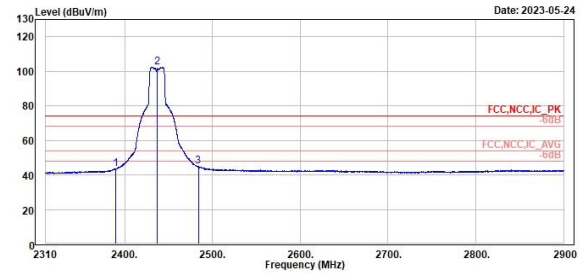
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| Freq | Level | Read | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|-------|--------|-------|--------|--------|-------------|------------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 1 | 2388.94 | 43.01 | 5.91 | 37.10 | 54.00 | -10.99 | 100 | 250 Average | Horizontal |
| 2 | 2437.00 | 102.79 | 65.43 | 37.36 | 54.00 | -48.79 | 100 | 250 Average | Horizontal |
| 3 | 2483.93 | 44.27 | 6.78 | 37.49 | 54.00 | -9.73 | 100 | 250 Average | Horizontal |



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| Freq | Level | Read | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|-------|--------|-------|--------|--------|-------------|----------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 1 | 2389.09 | 43.51 | 6.41 | 37.10 | 54.00 | -10.49 | 100 | 221 Average | Vertical |
| 2 | 2437.00 | 102.53 | 65.17 | 37.36 | 54.00 | -48.53 | 100 | 221 Average | Vertical |
| 3 | 2483.93 | 45.03 | 7.54 | 37.49 | 54.00 | -8.97 | 100 | 221 Average | Vertical |

802.11g

CH 11 (Horizontal) Peak

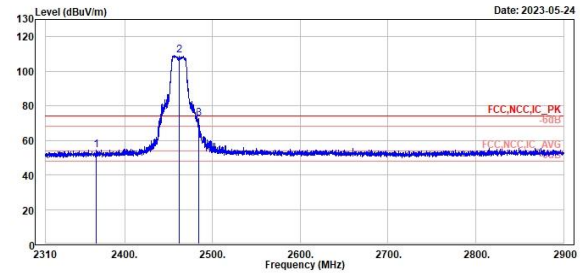
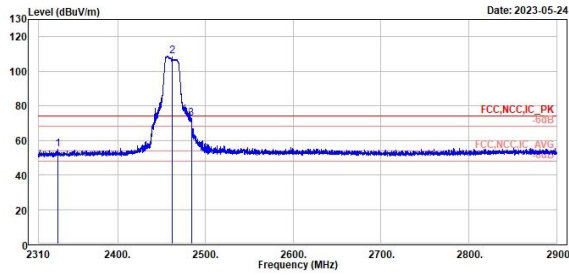
CH 11 (Vertical) Peak



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| Freq | Level | Read | Level | Factor | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | | |
| 1 | 2332.42 | 54.91 | 17.97 | 36.94 | 74.00 | -19.09 | 100 | 230 | Peak | Horizontal | |
| 2 * | 2462.00 | 108.56 | 71.89 | 37.47 | 74.00 | 34.56 | 100 | 230 | Peak | Horizontal | |
| 3 ! | 2483.93 | 72.81 | 35.32 | 37.49 | 74.00 | -1.19 | 100 | 230 | Peak | Horizontal | |

| Freq | Level | Read | Level | Factor | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|-------|--------|-------|--------|------|------|--------|-----------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | | |
| 1 | 2367.94 | 54.58 | 17.50 | 37.08 | 74.00 | -19.42 | 100 | 222 | Peak | Vertical | |
| 2 * | 2462.00 | 109.00 | 71.53 | 37.47 | 74.00 | 35.00 | 100 | 222 | Peak | Vertical | |
| 3 ! | 2484.17 | 72.89 | 35.40 | 37.49 | 74.00 | -1.11 | 100 | 222 | Peak | Vertical | |

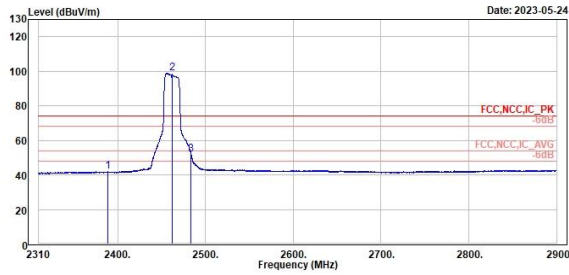
802.11g

CH 11 (Horizontal) Average

CH 11 (Vertical) Average



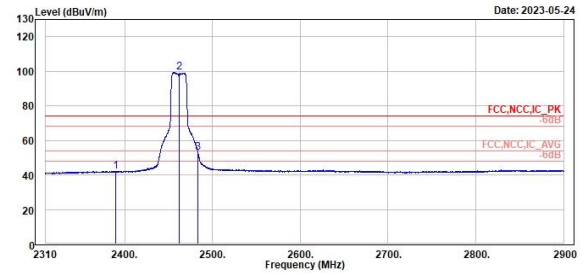
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| 1 | 2 | 3 | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---------|--------|-------|-------|------------|--------|------------|------------|---------|------------|--------|-----------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | | | |
| 2388.94 | 41.80 | 4.70 | 37.10 | 54.00 | -12.20 | 100 | 230 | Average | Horizontal | | | |
| 2462.00 | 99.08 | 61.61 | 37.47 | 54.00 | 45.08 | 100 | 230 | Average | Horizontal | | | |
| 2483.46 | 52.07 | 14.59 | 37.48 | 54.00 | -1.93 | 100 | 230 | Average | Horizontal | | | |



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| 1 | 2 | 3 | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---------|--------|-------|-------|------------|--------|------------|------------|---------|----------|--------|-----------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | | | |
| 2389.65 | 41.95 | 4.85 | 37.10 | 54.00 | -12.05 | 100 | 222 | Average | Vertical | | | |
| 2462.00 | 99.40 | 61.93 | 37.47 | 54.00 | 45.40 | 100 | 222 | Average | Vertical | | | |
| 2483.46 | 52.81 | 15.33 | 37.48 | 54.00 | -1.19 | 100 | 222 | Average | Vertical | | | |

802.11n HT20

CH 1(Horizontal) Peak

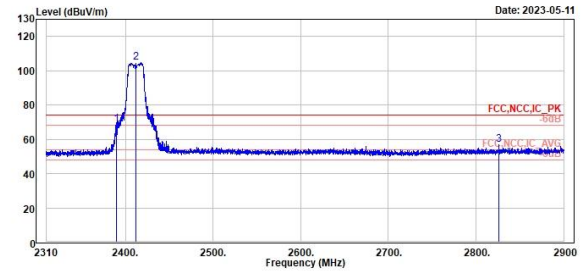
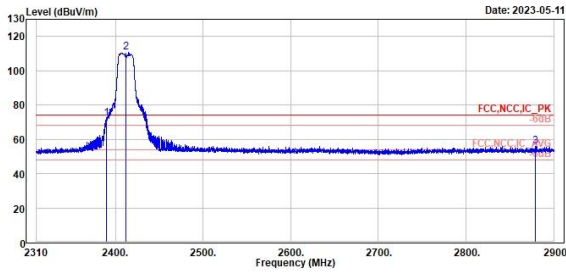
CH 1(Vertical) Peak



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| Peak | Freq | Level | Read | Level | Factor | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|-------|-------|--------|--------|------|------|------|------------|-----------|------|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | dB | cm | deg | | | |
| 1 | 2389.89 | 72.36 | 35.26 | 37.10 | 74.00 | -1.64 | 118 | 164 | Peak | Horizontal | | |
| 2 | 2412.00 | 110.54 | 73.35 | 37.19 | 74.00 | 36.54 | 118 | 164 | Peak | Horizontal | | |
| 3 | 2878.64 | 56.10 | 18.24 | 37.86 | 74.00 | -17.90 | 118 | 164 | Peak | Horizontal | | |

| Peak | Freq | Level | Read | Level | Factor | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|-------|-------|--------|--------|------|------|------|----------|-----------|------|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | dB | cm | deg | | | |
| 1 | 2389.41 | 68.58 | 31.48 | 37.10 | 74.00 | -5.42 | 153 | 228 | Peak | Vertical | | |
| 2 | 2412.00 | 104.58 | 67.39 | 37.19 | 74.00 | 30.58 | 153 | 228 | Peak | Vertical | | |
| 3 | 2826.13 | 56.74 | 19.23 | 37.51 | 74.00 | -17.26 | 153 | 228 | Peak | Vertical | | |

802.11n HT20

CH 1(Horizontal) Average

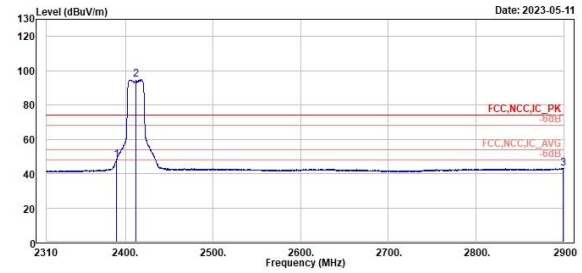
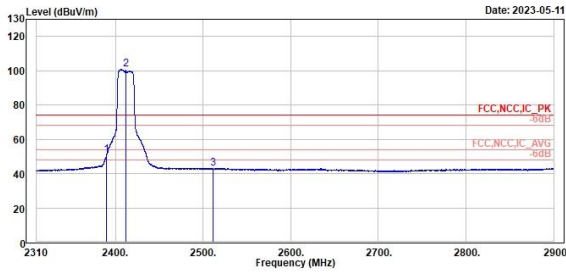
CH 1(Vertical) Average



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| Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|------------|--------|------------|------------|--------|------|-------------|------------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2398.00 | 51.02 | 13.92 | 37.10 | 54.00 | -2.98 | 118 | 164 Average | Horizontal | |
| 2 | 2412.00 | 100.64 | 63.45 | 37.19 | 54.00 | 46.64 | 118 | 164 Average | Horizontal | |
| 3 | 2511.43 | 43.20 | 5.71 | 37.49 | 54.00 | -10.80 | 118 | 164 Average | Horizontal | |

| Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|------------|--------|------------|------------|--------|------|-------------|-----------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2398.00 | 47.77 | 10.67 | 37.10 | 54.00 | -6.23 | 153 | 228 Average | Vertical | |
| 2 | 2412.00 | 94.74 | 57.55 | 37.19 | 54.00 | 40.74 | 153 | 228 Average | Vertical | |
| 3 | 2898.82 | 42.94 | 4.97 | 37.97 | 54.00 | -11.06 | 153 | 228 Average | Vertical | |

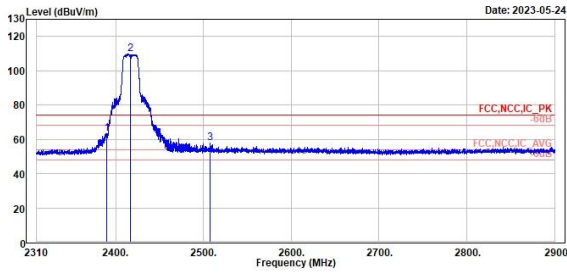
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CH 2(Horizontal) Peak

CH 2(Vertical) Peak



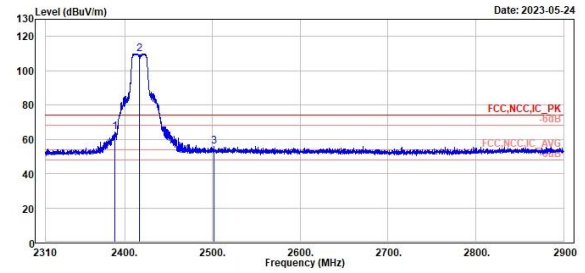
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| Peak | Freq (MHz) | Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit Line (dBuV/m) | Over Limit (dB) | APos (cm) | TPos (deg) | Remark | Pol/Phase | Note |
|------|------------|----------------|-------------------|---------------|---------------------|-----------------|-----------|------------|--------|------------|------|
| 1 | 2389.65 | 63.47 | 26.37 | 37.10 | 74.00 | -10.53 | 132 | 167 | Peak | Horizontal | |
| 2 * | 2417.00 | 109.78 | 72.56 | 37.22 | 74.00 | 35.78 | 132 | 167 | Peak | Horizontal | |
| 3 | 2508.00 | 57.73 | 20.24 | 37.49 | 74.00 | -16.27 | 132 | 167 | Peak | Horizontal | |



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| Peak | Freq (MHz) | Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit Line (dBuV/m) | Over Limit (dB) | APos (cm) | TPos (deg) | Remark | Pol/Phase | Note |
|------|------------|----------------|-------------------|---------------|---------------------|-----------------|-----------|------------|--------|-----------|------|
| 1 | 2388.94 | 64.06 | 26.96 | 37.10 | 74.00 | -9.94 | 144 | 221 | Peak | Vertical | |
| 2 * | 2417.00 | 109.91 | 72.69 | 37.22 | 74.00 | 35.91 | 144 | 221 | Peak | Vertical | |
| 3 | 2501.63 | 55.92 | 18.42 | 37.50 | 74.00 | -18.08 | 144 | 221 | Peak | Vertical | |

802.11n HT20

CH 2(Horizontal) Average

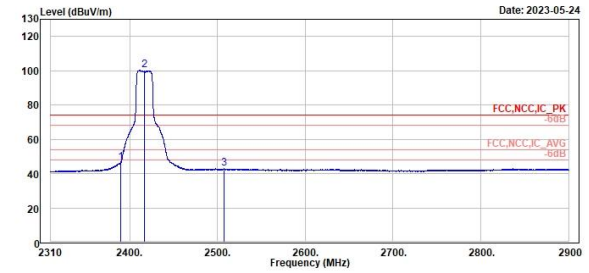
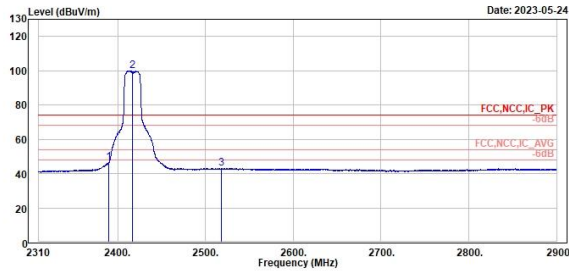
CH 2(Vertical) Average



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| Freq | Level | Read | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|--------|-------------|------------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 1 | 2390.00 | 46.42 | 9.32 | 37.10 | 54.00 | -7.58 | 132 | 167 Average | Horizontal |
| 2 * | 2417.00 | 99.83 | 62.61 | 37.22 | 54.00 | 45.83 | 132 | 167 Average | Horizontal |
| 3 | 2518.62 | 43.20 | 5.72 | 37.48 | 54.00 | -10.80 | 132 | 167 Average | Horizontal |

| Freq | Level | Read | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|-------|--------|-------|--------|--------|-------------|----------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 1 | 2390.00 | 46.61 | 9.51 | 37.10 | 54.00 | -7.39 | 144 | 221 Average | Vertical |
| 2 * | 2417.00 | 100.34 | 63.12 | 37.22 | 54.00 | 46.34 | 144 | 221 Average | Vertical |
| 3 | 2507.77 | 42.79 | 5.30 | 37.49 | 54.00 | -11.21 | 144 | 221 Average | Vertical |

802.11n HT20

CH 6(Horizontal) Peak

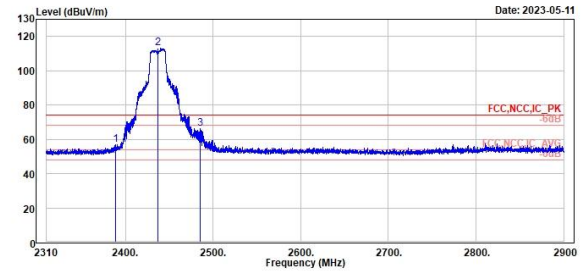
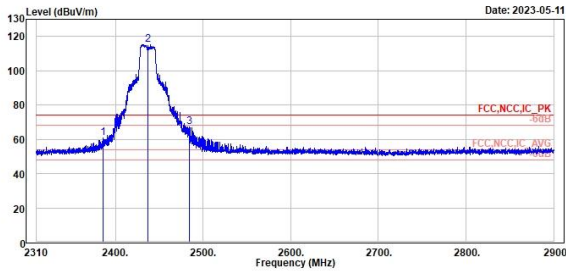
CH 6(Vertical) Peak



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| Peak | Freq (MHz) | Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit Line (dBuV/m) | Over Limit (dB) | APos (cm) | TPos (deg) | Remark | Pol/Phase | Note |
|------|------------|----------------|-------------------|---------------|---------------------|-----------------|-----------|------------|--------|------------|------|
| 1 | 2386.35 | 60.74 | 23.64 | 37.10 | 74.00 | -13.26 | 150 | 165 | Peak | Horizontal | |
| 2 * | 2437.00 | 115.30 | 77.94 | 37.36 | 74.00 | 41.30 | 150 | 165 | Peak | Horizontal | |
| 3 | 2484.76 | 67.04 | 29.55 | 37.49 | 74.00 | -6.96 | 150 | 165 | Peak | Horizontal | |

| Peak | Freq (MHz) | Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit Line (dBuV/m) | Over Limit (dB) | APos (cm) | TPos (deg) | Remark | Pol/Phase | Note |
|------|------------|----------------|-------------------|---------------|---------------------|-----------------|-----------|------------|--------|-----------|------|
| 1 | 2388.59 | 56.75 | 19.65 | 37.10 | 74.00 | -17.25 | 302 | 167 | Peak | Vertical | |
| 2 * | 2437.00 | 113.20 | 75.84 | 37.36 | 74.00 | 39.20 | 302 | 167 | Peak | Vertical | |
| 3 | 2485.70 | 66.21 | 28.72 | 37.49 | 74.00 | -7.79 | 302 | 167 | Peak | Vertical | |

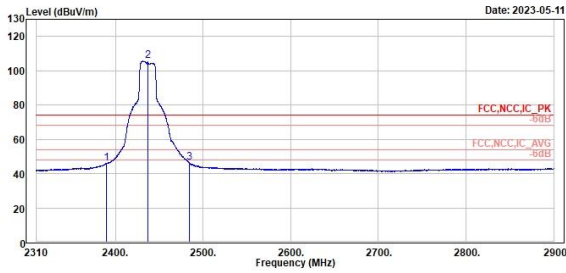
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CH 6(Horizontal) Average

CH 6(Vertical) Average



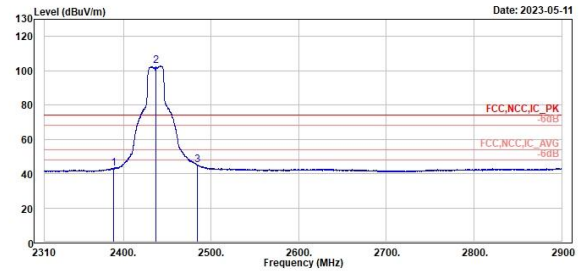
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| Freq | Level | Read | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|-------|--------|-------|-------|--------|-------------|------------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 1 | 2389.89 | 45.83 | 6.73 | 37.10 | 54.00 | -8.17 | 150 | 165 Average | Horizontal |
| 2 * | 2437.00 | 105.55 | 68.19 | 37.36 | 54.00 | 51.55 | 150 | 165 Average | Horizontal |
| 3 | 2484.40 | 46.49 | 9.00 | 37.49 | 54.00 | -7.51 | 150 | 165 Average | Horizontal |



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| Freq | Level | Read | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|-------|--------|-------|--------|--------|-------------|----------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 1 | 2389.18 | 43.14 | 6.04 | 37.10 | 54.00 | -10.86 | 302 | 167 Average | Vertical |
| 2 * | 2437.00 | 102.73 | 65.37 | 37.36 | 54.00 | 48.73 | 302 | 167 Average | Vertical |
| 3 | 2484.64 | 45.17 | 7.68 | 37.49 | 54.00 | -8.83 | 302 | 167 Average | Vertical |

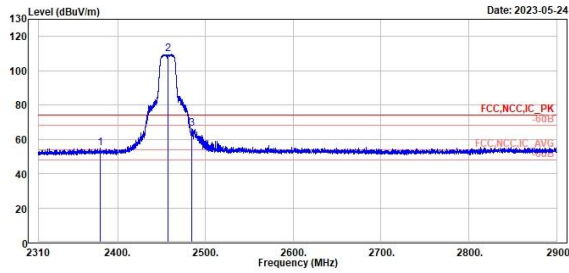
802.11n HT20

CH 10(Horizontal) Peak

CH 10(Vertical) Peak



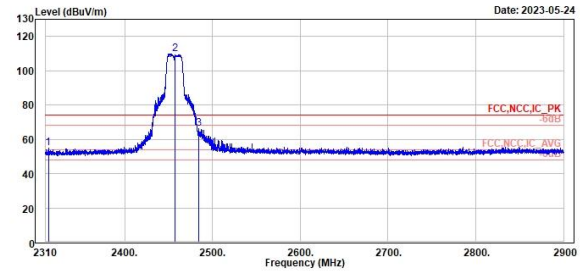
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| Peak | Freq | Level | Read | Level | Factor | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|-------|-------|--------|--------|------|------|------|------------|-----------|------|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | dB | cm | deg | | | |
| 1 | 2380.68 | 54.66 | 17.57 | 37.09 | 74.00 | -19.34 | 100 | 230 | Peak | Horizontal | | |
| 2 * | 2457.00 | 109.52 | 72.06 | 37.46 | 74.00 | 35.52 | 100 | 230 | Peak | Horizontal | | |
| 3 | 2484.76 | 66.08 | 28.59 | 37.49 | 74.00 | -7.92 | 100 | 230 | Peak | Horizontal | | |



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| Peak | Freq | Level | Read | Level | Factor | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|--------|-------|-------|--------|--------|------|------|------|----------|-----------|------|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | dB | cm | deg | | | |
| 1 | 2313.19 | 54.79 | 17.98 | 36.81 | 74.00 | -19.21 | 100 | 224 | Peak | Vertical | | |
| 2 * | 2457.00 | 109.75 | 72.29 | 37.46 | 74.00 | 35.75 | 100 | 224 | Peak | Vertical | | |
| 3 | 2484.88 | 66.24 | 28.75 | 37.49 | 74.00 | -7.76 | 100 | 224 | Peak | Vertical | | |

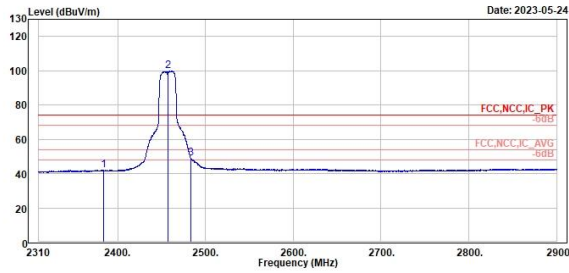
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CH 10(Horizontal) Average

CH 10(Vertical) Average



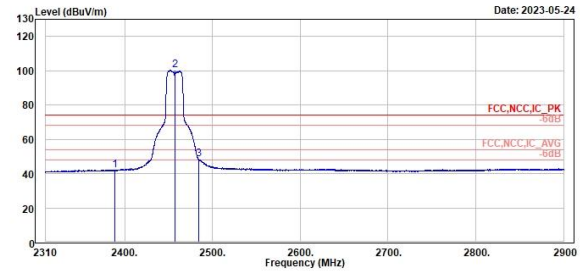
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| 1 | 2 | 3 |
|---------|--------|-------|
| Level | Read | Limit |
| dBuV/m | Level | Line |
| | Factor | Limit |
| | dB/m | dB |
| | dBuV/m | dB |
| | cm | deg |
| 2384.34 | 41.99 | 54.00 |
| 2457.00 | 99.80 | 54.00 |
| 2483.58 | 48.69 | 54.00 |



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| 1 | 2 | 3 |
|---------|--------|-------|
| Level | Read | Limit |
| dBuV/m | Level | Line |
| | Factor | Limit |
| | dB/m | dB |
| | dBuV/m | dB |
| | cm | deg |
| 2388.82 | 42.19 | 54.00 |
| 2457.00 | 100.22 | 54.00 |
| 2484.05 | 48.67 | 54.00 |

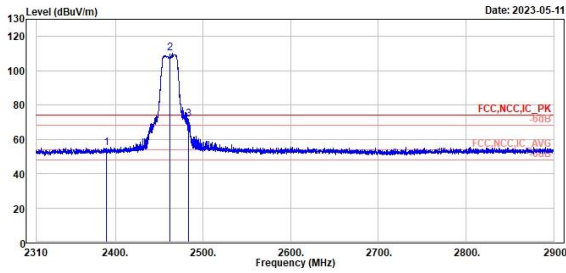
802.11n HT20

CH 11 (Horizontal) Peak

CH 11 (Vertical) Peak



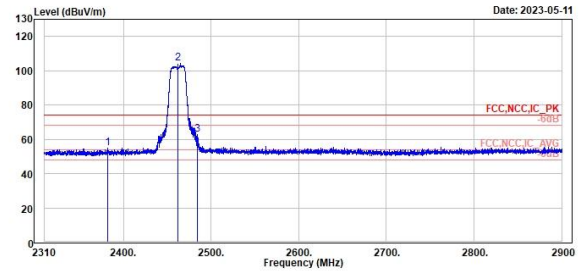
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| Peak | Freq (MHz) | Level (dBuV/m) | Read Level (dBuV) | Level Factor (dB/m) | Limit Line (dBuV/m) | Over Limit (dB) | APos (cm) | TPos (deg) | Remark | Pol/Phase | Note |
|------|------------|----------------|-------------------|---------------------|---------------------|-----------------|-----------|------------|--------|------------|------|
| 1 | 2389.89 | 54.99 | 17.80 | 37.19 | 74.00 | -19.10 | 154 | 170 | Peak | Horizontal | |
| 2 * | 2462.00 | 118.45 | 72.98 | 37.47 | 74.00 | 36.45 | 154 | 170 | Peak | Horizontal | |
| 3 ! | 2483.58 | 71.46 | 33.98 | 37.48 | 74.00 | -2.54 | 154 | 170 | Peak | Horizontal | |



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| Peak | Freq (MHz) | Level (dBuV/m) | Read Level (dBuV) | Level Factor (dB/m) | Limit Line (dBuV/m) | Over Limit (dB) | APos (cm) | TPos (deg) | Remark | Pol/Phase | Note |
|------|------------|----------------|-------------------|---------------------|---------------------|-----------------|-----------|------------|--------|-----------|------|
| 1 | 2381.74 | 54.96 | 17.87 | 37.09 | 74.00 | -19.04 | 180 | 116 | Peak | Vertical | |
| 2 * | 2462.00 | 184.48 | 66.93 | 37.47 | 74.00 | 30.48 | 180 | 116 | Peak | Vertical | |
| 3 | 2484.52 | 62.81 | 25.32 | 37.49 | 74.00 | -11.19 | 180 | 116 | Peak | Vertical | |

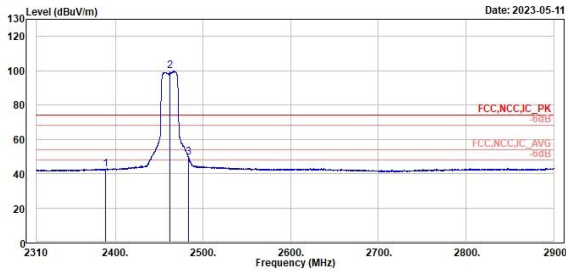
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CH 11 (Horizontal) Average

CH 11 (Vertical) Average



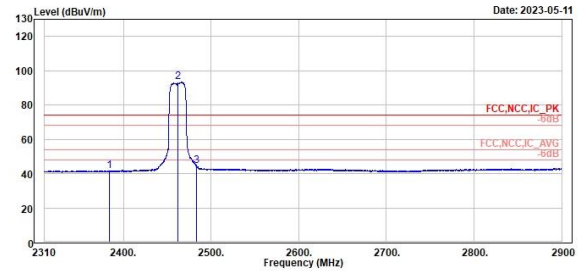
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| Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|------------|--------|------------|------------|--------|------|-------------|------------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2389.06 | 42.71 | 5.61 | 37.10 | 54.00 | -11.29 | 154 | 170 Average | Horizontal | |
| 2 * | 2462.00 | 99.65 | 62.18 | 37.47 | 54.00 | 45.65 | 154 | 170 Average | Horizontal | |
| 3 ! | 2483.46 | 49.60 | 12.12 | 37.48 | 54.00 | -4.40 | 154 | 170 Average | Horizontal | |



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| Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|------------|--------|------------|------------|--------|------|-------------|-----------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2384.34 | 41.73 | 4.64 | 37.09 | 54.00 | -12.27 | 100 | 116 Average | Vertical | |
| 2 * | 2462.00 | 93.33 | 55.86 | 37.47 | 54.00 | 39.33 | 100 | 116 Average | Vertical | |
| 3 | 2483.58 | 44.43 | 6.95 | 37.48 | 54.00 | -9.57 | 100 | 116 Average | Vertical | |

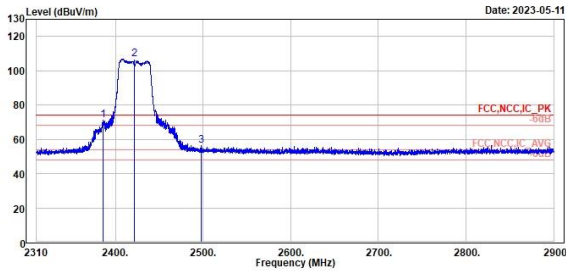
802.11n HT40

CH 1(Horizontal) Peak

CH 1(Vertical) Peak



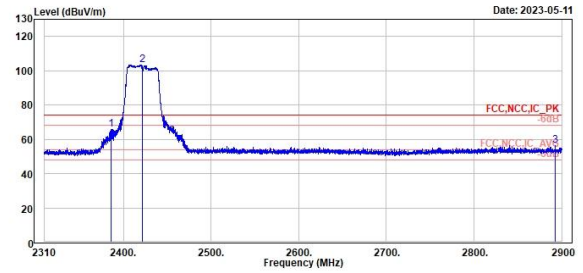
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| Peak | Freq (MHz) | Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit Line (dBuV/m) | Over Limit (dB) | APos (cm) | TPos (deg) | Remark | Pol/Phase | Note |
|------|------------|----------------|-------------------|---------------|---------------------|-----------------|-----------|------------|--------|------------|------|
| 1 | 2385.87 | 78.94 | 33.84 | 37.10 | 74.00 | -3.06 | 120 | 167 | Peak | Horizontal | |
| 2 | 2422.00 | 106.74 | 69.48 | 37.26 | 74.00 | 32.74 | 120 | 167 | Peak | Horizontal | |
| 3 | 2497.97 | 56.45 | 18.95 | 37.50 | 74.00 | -17.55 | 120 | 167 | Peak | Horizontal | |



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| Peak | Freq (MHz) | Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit Line (dBuV/m) | Over Limit (dB) | APos (cm) | TPos (deg) | Remark | Pol/Phase | Note |
|------|------------|----------------|-------------------|---------------|---------------------|-----------------|-----------|------------|--------|-----------|------|
| 1 | 2386.11 | 65.96 | 28.86 | 37.10 | 74.00 | -8.04 | 309 | 171 | Peak | Vertical | |
| 2 | 2422.00 | 103.51 | 66.25 | 37.26 | 74.00 | 29.51 | 309 | 171 | Peak | Vertical | |
| 3 | 2892.57 | 56.21 | 18.28 | 37.93 | 74.00 | -17.79 | 309 | 171 | Peak | Vertical | |