

Appendix B: Test Results of Radiated Spurious Emissions & Mains Conducted Emission Test

Band Edges, 2.35GHz ~ 2.5GHz

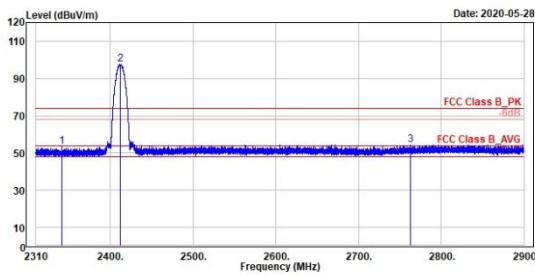
802.11b

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



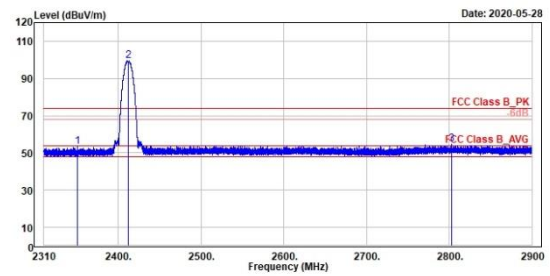
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| 1 | 2 | 3 |
|------------|------------|------------|
| 2341.79 | 2412.00 | 2762.79 |
| 53.31 | 97.55 | 54.51 |
| 16.15 | 69.35 | 16.43 |
| 37.16 | 37.28 | 38.08 |
| 74.00 | 74.00 | 74.00 |
| -20.69 | 23.55 | -19.49 |
| 330 | 330 | 330 |
| 43 | 43 | 43 |
| Peak | Peak | Peak |
| Horizontal | Horizontal | Horizontal |



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| 1 | 2 | 3 |
|----------|----------|----------|
| 2359.81 | 2412.00 | 2803.24 |
| 53.32 | 99.65 | 54.69 |
| 16.14 | 62.45 | 16.57 |
| 37.18 | 37.28 | 38.12 |
| 74.00 | 74.00 | 74.00 |
| -20.68 | 25.65 | -19.31 |
| 182 | 182 | 182 |
| 201 | 201 | 201 |
| Peak | Peak | Peak |
| Vertical | Vertical | Vertical |

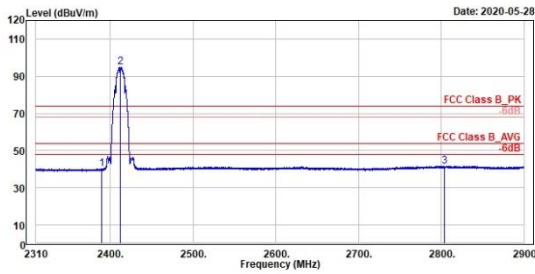
802.11b

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



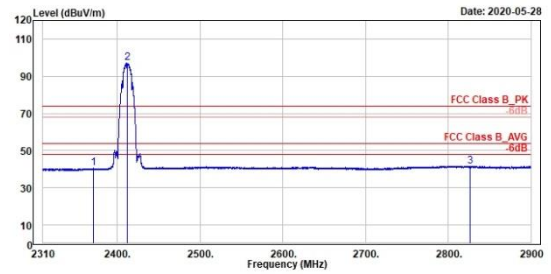
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| Freq | Level | Read | Level | Factor | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|---------|------------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | | |
| 1 | 2389.68 | 40.17 | 3.03 | 37.14 | 54.00 | -13.83 | 330 | 43 | Average | Horizontal | |
| 2 * | 2412.00 | 94.95 | 57.75 | 37.20 | 54.00 | 40.95 | 330 | 43 | Average | Horizontal | |
| 3 | 2894.42 | 41.65 | 3.53 | 38.12 | 54.00 | -12.35 | 330 | 43 | Average | Horizontal | |



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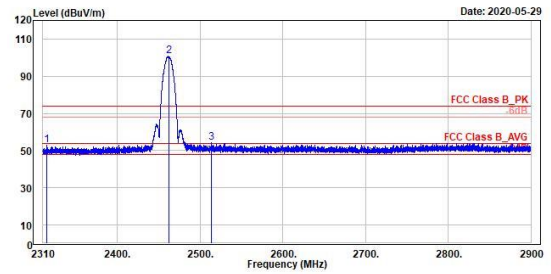
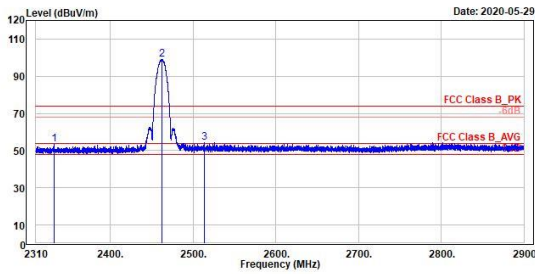


| Freq | Level | Read | Level | Factor | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|---------|-----------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | | |
| 1 | 2370.74 | 40.63 | 3.47 | 37.16 | 54.00 | -13.37 | 182 | 201 | Average | Vertical | |
| 2 * | 2412.00 | 97.09 | 59.89 | 37.20 | 54.00 | 43.09 | 182 | 201 | Average | Vertical | |
| 3 | 2827.04 | 41.66 | 3.55 | 38.11 | 54.00 | -12.34 | 182 | 201 | Average | Vertical | |

802.11b

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



| Peak | 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 | 53.28 | 16.13 | 37.15 | 74.00 | -20.72 | 351 | 348 | Peak | Horizontal | | |
| 2 * | 2462.00 | 98.98 | 61.52 | 37.46 | 74.00 | 24.98 | 351 | 348 | Peak | Horizontal | | |
| 3 | 2513.67 | 54.37 | 16.64 | 37.73 | 74.00 | -19.63 | 351 | 348 | 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 | cm | deg | | | | |
| 1 | 2314.70 | 52.89 | 15.76 | 37.13 | 74.00 | -21.11 | 283 | 281 | Peak | Vertical | | |
| 2 * | 2462.00 | 100.72 | 63.26 | 37.46 | 74.00 | 26.72 | 283 | 281 | Peak | Vertical | | |
| 3 | 2513.37 | 54.15 | 16.42 | 37.73 | 74.00 | -19.85 | 283 | 281 | Peak | Vertical | | |

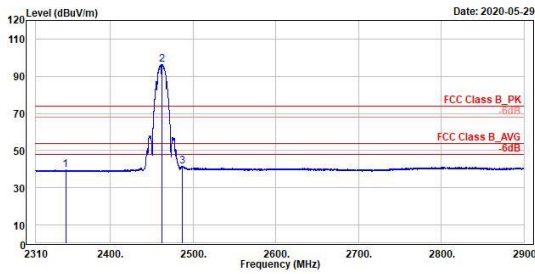
802.11b

High Channel (Horizontal) Average

High Channel (Vertical) Average



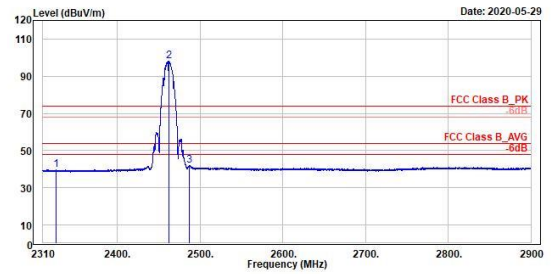
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| 1 | 2 | 3 | | | | | | | | |
|-----------|-----------|-----------|-------|-------|--------|-----|-----|---------|------------|--|
| Level | Level | Level | | | | | | | | |
| Factor | Factor | Factor | | | | | | | | |
| Limit | Limit | Limit | | | | | | | | |
| Over | Over | Over | | | | | | | | |
| Line | Line | Line | | | | | | | | |
| Limit | Limit | Limit | | | | | | | | |
| APos | APos | APos | | | | | | | | |
| TPos | TPos | TPos | | | | | | | | |
| Remark | Remark | Remark | | | | | | | | |
| Pol/Phase | Pol/Phase | Pol/Phase | | | | | | | | |
| Note | Note | Note | | | | | | | | |
| MHz | dBuV/m | dBuV/m | | | | | | | | |
| dB/m | dB/m | dB/m | | | | | | | | |
| dBuV/m | dB | dB | | | | | | | | |
| cm | deg | deg | | | | | | | | |
| 2345.93 | 39.54 | 2.37 | 37.17 | 54.00 | -14.46 | 351 | 348 | Average | Horizontal | |
| 2462.00 | 96.42 | 58.96 | 37.46 | 54.00 | 42.42 | 351 | 348 | Average | Horizontal | |
| 2487.30 | 41.72 | 4.13 | 37.59 | 54.00 | -12.28 | 351 | 348 | Average | Horizontal | |



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| 1 | 2 | 3 | | | | | | | | |
|-----------|-----------|-----------|-------|-------|--------|-----|-----|---------|----------|--|
| Level | Level | Level | | | | | | | | |
| Factor | Factor | Factor | | | | | | | | |
| Limit | Limit | Limit | | | | | | | | |
| Over | Over | Over | | | | | | | | |
| Line | Line | Line | | | | | | | | |
| Limit | Limit | Limit | | | | | | | | |
| APos | APos | APos | | | | | | | | |
| TPos | TPos | TPos | | | | | | | | |
| Remark | Remark | Remark | | | | | | | | |
| Pol/Phase | Pol/Phase | Pol/Phase | | | | | | | | |
| Note | Note | Note | | | | | | | | |
| MHz | dBuV/m | dBuV/m | | | | | | | | |
| dB/m | dB/m | dB/m | | | | | | | | |
| dBuV/m | dB | dB | | | | | | | | |
| cm | deg | deg | | | | | | | | |
| 2325.75 | 39.69 | 2.55 | 37.14 | 54.00 | -14.31 | 283 | 281 | Average | Vertical | |
| 2462.00 | 98.11 | 60.65 | 37.46 | 54.00 | 44.11 | 283 | 281 | Average | Vertical | |
| 2486.82 | 41.98 | 4.39 | 37.59 | 54.00 | -12.02 | 283 | 281 | Average | Vertical | |

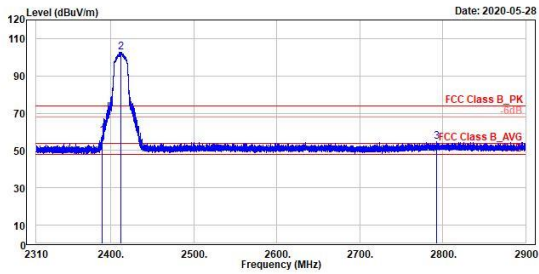
802.11g

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



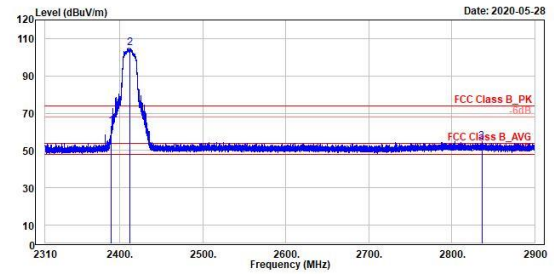
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| 1 | 2 | 3 | Read Level | Read Level Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---------|--------|-------|------------|-------------------|------------|------------|------|------|------------|-----------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | | |
| 2389.81 | 58.03 | 20.89 | 37.14 | 74.00 | -15.97 | 329 | 43 | Peak | Horizontal | | |
| 2412.00 | 102.72 | 65.53 | 37.20 | 74.00 | 28.72 | 329 | 43 | Peak | Horizontal | | |
| 2792.42 | 54.65 | 16.53 | 38.12 | 74.00 | -19.35 | 329 | 43 | Peak | Horizontal | | |



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| 1 | 2 | 3 | Read 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 | | | | |
| 2389.45 | 62.93 | 25.79 | 37.14 | 74.00 | -11.07 | 184 | 202 | Peak | Vertical | | |
| 2412.00 | 104.94 | 67.74 | 37.20 | 74.00 | 30.94 | 184 | 202 | Peak | Vertical | | |
| 2836.41 | 54.75 | 16.65 | 38.10 | 74.00 | -19.25 | 184 | 202 | Peak | Vertical | | |

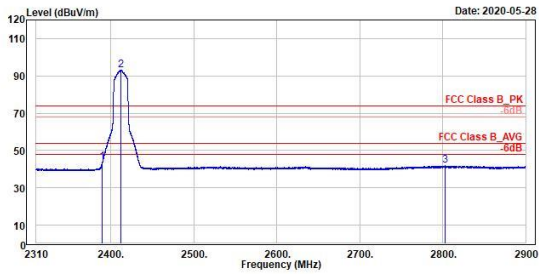
802.11g

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



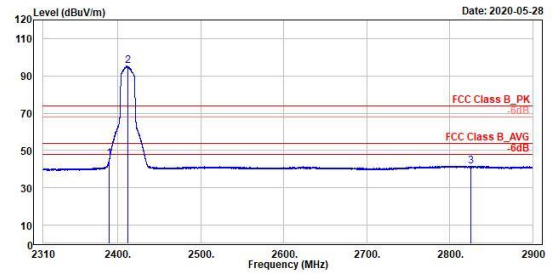
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| 1 | 2 | 3 | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---------|--------|-------|------------|--------|------------|------------|------|---------|------------|-----------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | | |
| 2389.98 | 43.64 | 6.50 | 37.14 | 54.00 | -10.36 | 329 | 43 | Average | Horizontal | | |
| 2412.00 | 93.04 | 55.84 | 37.20 | 54.00 | 39.04 | 329 | 43 | average | Horizontal | | |
| 2802.58 | 41.78 | 3.66 | 38.12 | 54.00 | -12.22 | 329 | 43 | Average | Horizontal | | |



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| 1 | 2 | 3 | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|---------|--------|-------|------------|--------|------------|------------|------|---------|----------|-----------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | | |
| 2389.91 | 45.75 | 8.61 | 37.14 | 54.00 | -8.25 | 184 | 202 | Average | Vertical | | |
| 2412.00 | 95.31 | 58.11 | 37.20 | 54.00 | 41.31 | 184 | 202 | Average | Vertical | | |
| 2825.79 | 41.68 | 3.57 | 38.11 | 54.00 | -12.32 | 184 | 202 | Average | Vertical | | |

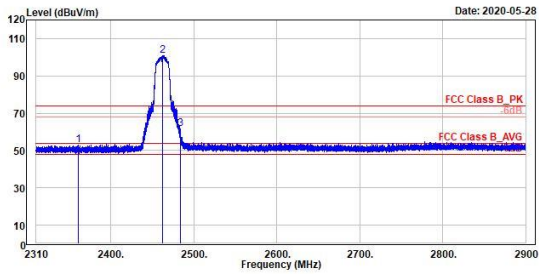
802.11g

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



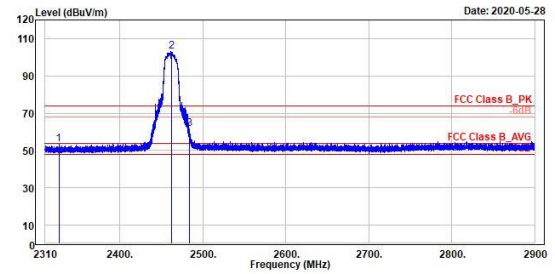
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| 1 | 2 | 3 | | | | | | | |
|---------|--------|-------|-------|--------|--------|------|----------|------------|------|
| Freq | Level | Read | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 2360.71 | 52.95 | 15.78 | 37.17 | 74.00 | -21.05 | 350 | 351 Peak | Horizontal | |
| 2462.00 | 100.82 | 63.36 | 37.46 | 74.00 | 26.82 | 350 | 351 Peak | Horizontal | |
| 2483.92 | 61.60 | 24.02 | 37.58 | 74.00 | -12.40 | 350 | 351 Peak | 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 | | |
| 2326.45 | 53.19 | 16.05 | 37.14 | 74.00 | -20.81 | 203 | 200 Peak | Vertical | |
| 2462.00 | 103.27 | 65.81 | 37.46 | 74.00 | 29.27 | 203 | 200 Peak | Vertical | |
| 2483.69 | 61.52 | 23.95 | 37.57 | 74.00 | -12.48 | 203 | 200 Peak | Vertical | |

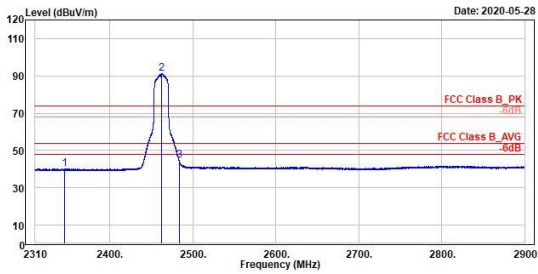
802.11g

High Channel (Horizontal) Average

High Channel (Vertical) Average



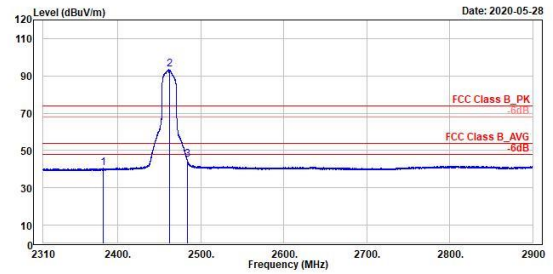
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| Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|------------|--------|------------|------------|--------|------|-------------|------------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2345.11 | 40.20 | 3.03 | 37.17 | 54.00 | -13.80 | 350 | 351 Average | Horizontal | |
| 2 * | 2462.00 | 91.16 | 53.70 | 37.46 | 54.00 | 37.16 | 350 | 351 Average | Horizontal | |
| 3 | 2483.82 | 44.64 | 7.06 | 37.58 | 54.00 | -9.36 | 350 | 351 Average | Horizontal | |



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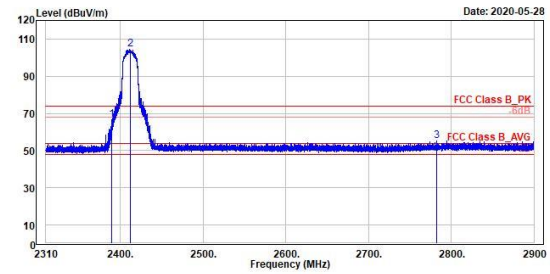
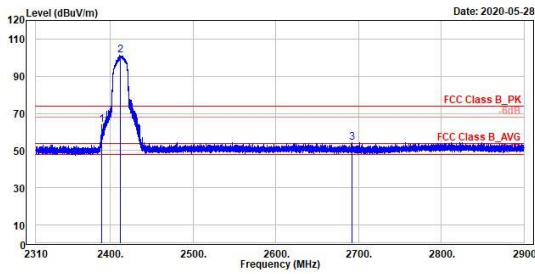


| Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|------------|--------|------------|------------|--------|------|-------------|-----------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 2382.57 | 40.46 | 3.22 | 37.14 | 54.00 | -13.54 | 203 | 200 Average | Vertical | |
| 2 * | 2462.00 | 93.35 | 55.09 | 37.46 | 54.00 | 39.35 | 203 | 200 Average | Vertical | |
| 3 | 2483.53 | 45.02 | 7.45 | 37.57 | 54.00 | -8.98 | 203 | 200 Average | Vertical | |

802.11n HT20

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



| 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 | 2389.91 | 63.05 | 26.71 | 37.14 | 74.00 | -10.15 | 365 | 0 | Peak | Horizontal | |
| 2 * | 2412.00 | 101.23 | 64.03 | 37.20 | 74.00 | 27.23 | 365 | 0 | Peak | Horizontal | |
| 3 | 2691.86 | 54.47 | 16.80 | 37.67 | 74.00 | -19.53 | 365 | 0 | 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 | 2389.32 | 66.50 | 29.36 | 37.14 | 74.00 | -7.50 | 180 | 202 | Peak | Vertical | |
| 2 * | 2412.00 | 104.48 | 67.28 | 37.20 | 74.00 | 30.48 | 180 | 202 | Peak | Vertical | |
| 3 | 2782.66 | 55.15 | 17.05 | 38.10 | 74.00 | -18.85 | 180 | 202 | Peak | Vertical | |

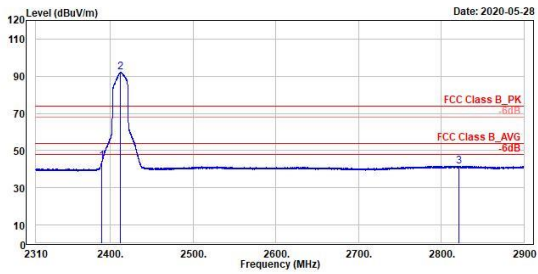
802.11n HT20

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



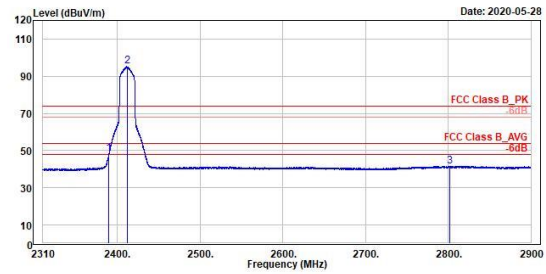
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| 1 | 2 | 3 | Read | | Limit | | Over | APos | TPos | Remark | Pol/Phase | Note |
|-----|---------|-------|--------|--------|-------|--------|-------|------|------|---------|------------|------|
| MHz | Level | Level | Factor | Line | Line | Limit | Limit | cm | deg | | | |
| | dBuV/m | dBuV | dB/m | dBuV/m | dB | dB | dB | | | | | |
| 1 | 2389.98 | 44.09 | 6.95 | 37.14 | 54.00 | -9.91 | 365 | 0 | 0 | Average | Horizontal | |
| 2 * | 2412.00 | 92.05 | 54.83 | 37.20 | 54.00 | 38.05 | 365 | 0 | 0 | Average | Horizontal | |
| 3 | 2821.14 | 41.70 | 3.59 | 38.11 | 54.00 | -12.30 | 365 | 0 | 0 | Average | Horizontal | |



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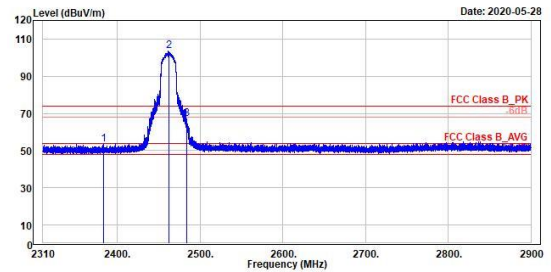
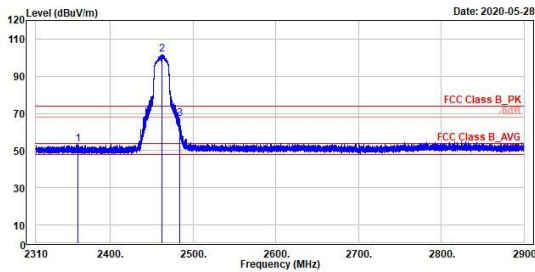


| 1 | 2 | 3 | Read | | Limit | | Over | APos | TPos | Remark | Pol/Phase | Note |
|-----|---------|-------|--------|--------|-------|--------|-------|------|------|---------|-----------|------|
| MHz | Level | Level | Factor | Line | Line | Limit | Limit | cm | deg | | | |
| | dBuV/m | dBuV | dB/m | dBuV/m | dB | dB | dB | | | | | |
| 1 | 2389.98 | 40.41 | 11.27 | 37.14 | 54.00 | -5.59 | 180 | 202 | 0 | Average | Vertical | |
| 2 * | 2412.00 | 95.23 | 58.03 | 37.20 | 54.00 | 41.23 | 180 | 202 | 0 | Average | Vertical | |
| 3 | 2802.36 | 41.67 | 3.54 | 38.13 | 54.00 | -12.33 | 180 | 202 | 0 | Average | Vertical | |

802.11n HT20

High Channel (Horizontal) Peak

High Channel (Vertical) Peak



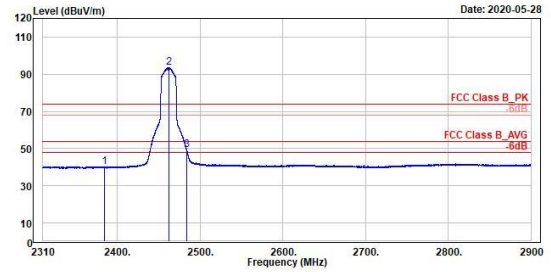
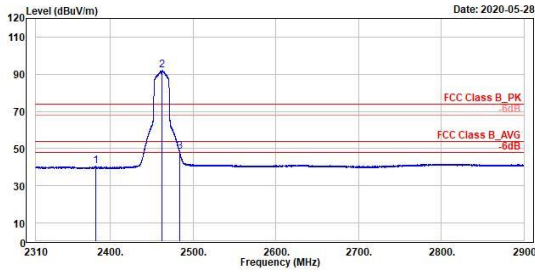
| Peak | Freq (MHz) | Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit Line (dBuV/m) | Over Limit (dB) | APos (cm) | TPos (deg) | Remark | Pol/Phase | Note |
|------|------------|----------------|-------------------|---------------|---------------------|-----------------|-----------|------------|--------|------------|------|
| 1 | 2369.35 | 53.34 | 16.17 | 37.17 | 74.00 | -20.66 | 349 | 347 | Peak | Horizontal | |
| 2 * | 2482.00 | 101.73 | 64.27 | 37.46 | 74.00 | 27.73 | 349 | 347 | Peak | Horizontal | |
| 3 | 2483.95 | 67.22 | 29.64 | 37.58 | 74.00 | -6.78 | 349 | 347 | 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 | 2383.23 | 53.26 | 16.11 | 37.15 | 74.00 | -20.74 | 100 | 201 | Peak | Vertical | |
| 2 * | 2482.00 | 103.45 | 65.99 | 37.46 | 74.00 | 29.45 | 100 | 201 | Peak | Vertical | |
| 3 | 2484.21 | 67.28 | 29.70 | 37.58 | 74.00 | -6.72 | 100 | 201 | Peak | Vertical | |

802.11n HT20

High Channel (Horizontal) Average

High Channel (Vertical) Average



| 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 | 2381.98 | 48.42 | 3.27 | 37.15 | 54.00 | -13.58 | 349 | 347 | Average | Horizontal | |
| 2 * | 2482.00 | 92.14 | 54.68 | 37.46 | 54.00 | 38.14 | 349 | 347 | Average | Horizontal | |
| 3 ! | 2483.53 | 48.27 | 10.70 | 37.57 | 54.00 | -5.73 | 349 | 347 | Average | 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 | 2384.14 | 40.34 | 3.19 | 37.15 | 54.00 | -13.66 | 100 | 201 | Average | Vertical | |
| 2 * | 2482.00 | 93.73 | 56.27 | 37.46 | 54.00 | 39.73 | 100 | 201 | Average | Vertical | |
| 3 ! | 2483.56 | 49.50 | 11.93 | 37.57 | 54.00 | -4.50 | 100 | 201 | Average | Vertical | |

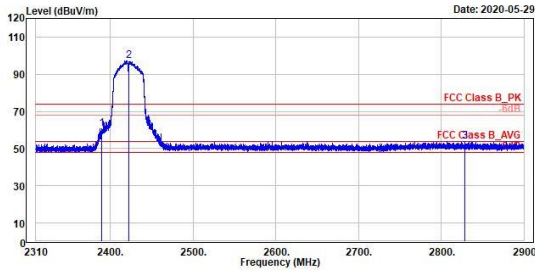
802.11n HT40

Low Channel (Horizontal) Peak

Low Channel (Vertical) Peak



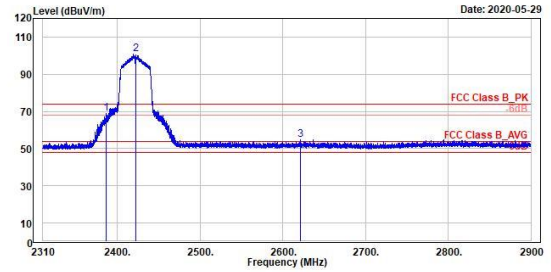
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| Peak | Freq (MHz) | Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit Line (dBuV/m) | Over Limit (dB) | APos (cm) | TPos (deg) | Remark | Pol/Phase | Note |
|------|------------|----------------|-------------------|---------------|---------------------|-----------------|-----------|------------|--------|------------|------|
| 1 | 2389.24 | 68.88 | 23.66 | 37.14 | 74.00 | -13.28 | 362 | 0 | Peak | Horizontal | |
| 2 * | 2422.88 | 97.35 | 60.18 | 37.25 | 74.00 | 23.35 | 362 | 0 | Peak | Horizontal | |
| 3 | 2828.79 | 53.93 | 15.83 | 38.10 | 74.00 | -28.07 | 362 | 0 | 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 | 2386.88 | 68.95 | 31.88 | 37.15 | 74.00 | -5.85 | 282 | 208 | Peak | Vertical | |
| 2 * | 2422.88 | 108.79 | 63.54 | 37.25 | 74.00 | 26.79 | 282 | 208 | Peak | Vertical | |
| 3 | 2621.28 | 54.65 | 16.97 | 37.68 | 74.00 | -19.35 | 282 | 208 | Peak | Vertical | |

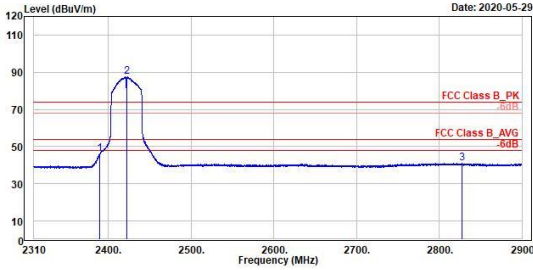
802.11n HT40

Low Channel (Horizontal) Average

Low Channel (Vertical) Average



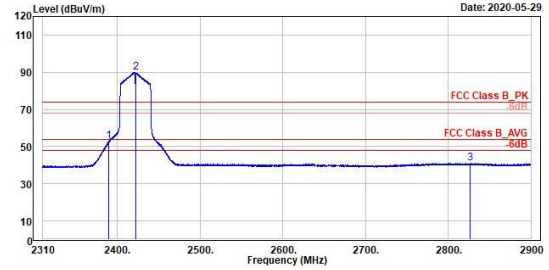
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| Read | Limit | Over | APos | TPos | Remark | Pol/Phase | Note | |
|--------|---------|-------|--------|-------|--------|-----------|------|----------------------|
| Level | Line | Limit | | | | | | |
| dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 1 | 2389.89 | 46.29 | 9.15 | 37.14 | 54.00 | -7.71 | 362 | 0 Average Horizontal |
| 2 * | 2422.00 | 87.47 | 50.22 | 37.25 | 54.00 | 33.47 | 362 | 0 Average Horizontal |
| 3 | 2828.14 | 41.18 | 3.08 | 38.10 | 54.00 | -12.82 | 362 | 0 Average Horizontal |



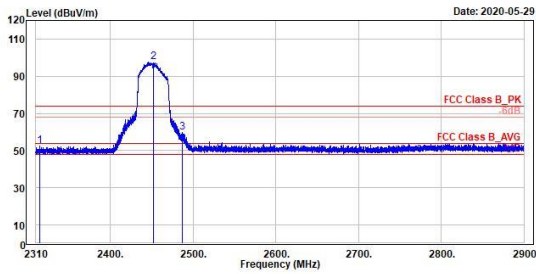
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| Read | Limit | Over | APos | TPos | Remark | Pol/Phase | Note | |
|--------|---------|-------|--------|-------|--------|-----------|------|----------------------|
| Level | Line | Limit | | | | | | |
| dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 1 | 2390.00 | 52.83 | 15.69 | 37.14 | 54.00 | -1.17 | 202 | 200 Average Vertical |
| 2 * | 2422.00 | 98.07 | 52.82 | 37.25 | 54.00 | 36.07 | 202 | 200 Average Vertical |
| 3 | 2826.72 | 40.94 | 2.83 | 38.11 | 54.00 | -13.06 | 202 | 200 Average Vertical |

802.11n HT40
High Channel (Horizontal) Peak
High Channel (Vertical) Peak

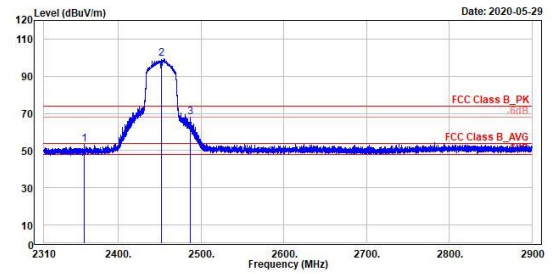

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| Peak | Freq (MHz) | Level (dBuV/m) | Read Level (dBuV) | Factor (dB/m) | Limit Line (dBuV/m) | Over Limit (dB) | APos (cm) | TPos (deg) | Remark | Pol/Phase | Note |
|------|------------|----------------|-------------------|---------------|---------------------|-----------------|-----------|------------|--------|------------|------|
| 1 | 2314.19 | 52.42 | 15.29 | 37.13 | 74.00 | -21.58 | 356 | | 5 Peak | Horizontal | |
| 2 * | 2452.00 | 97.65 | 60.24 | 37.41 | 74.00 | 23.65 | 356 | | 5 Peak | Horizontal | |
| 3 | 2486.82 | 59.96 | 22.37 | 37.59 | 74.00 | -14.04 | 356 | | 5 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 | 2358.32 | 53.24 | 16.00 | 37.16 | 74.00 | -20.76 | 204 | 199 | Peak | Vertical | |
| 2 * | 2452.00 | 99.34 | 61.93 | 37.41 | 74.00 | 25.34 | 204 | 199 | Peak | Vertical | |
| 3 ! | 2486.76 | 68.15 | 30.56 | 37.59 | 74.00 | -5.85 | 204 | 199 | Peak | Vertical | |

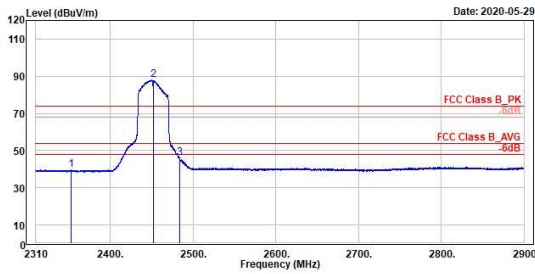
802.11n HT40

High Channel (Horizontal) Average

High Channel (Vertical) Average



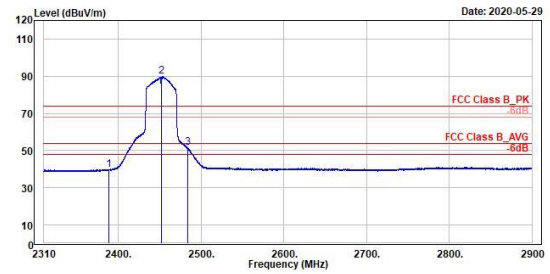
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| Freq | Level | Read | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|--------|-----------|------------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 1 | 2352.78 | 39.58 | 2.33 | 37.17 | 54.00 | -14.58 | 356 | 5 Average | Horizontal |
| 2 * | 2452.00 | 87.96 | 50.55 | 37.41 | 54.00 | 33.96 | 356 | 5 Average | Horizontal |
| 3 | 2483.81 | 46.30 | 8.72 | 37.58 | 54.00 | -7.70 | 356 | 5 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 | 2388.77 | 39.91 | 2.77 | 37.14 | 54.00 | -14.89 | 284 | 199 Average | Vertical |
| 2 * | 2452.00 | 89.76 | 52.35 | 37.41 | 54.00 | 35.76 | 284 | 199 Average | Vertical |
| 3 ! | 2483.62 | 51.54 | 13.97 | 37.57 | 54.00 | -2.46 | 284 | 199 Average | Vertical |

Spurious Emissions, Tx Mode, 9kHz ~ 30MHz

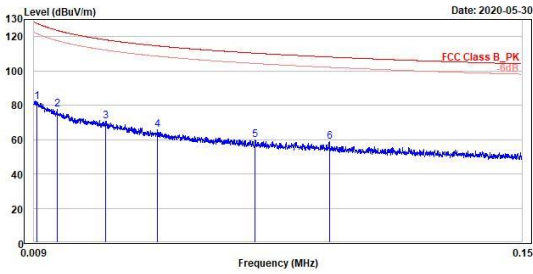
802.11n HT40

Low Channel 9kHz~150kHz

Low Channel 150kHz~30MHz



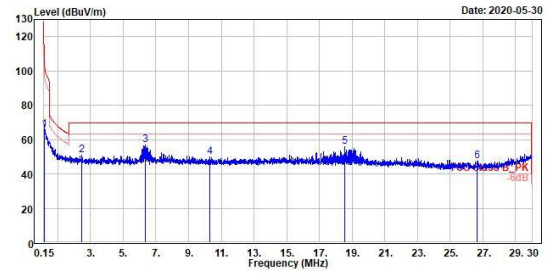
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| | Freq | Level | Read | Limit | Over | Apos | TPos | Remark | Pol/Phase | Note |
|---|------|--------|-------|-------|--------|--------|------|--------|-----------|------|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 1 | 0.01 | 81.95 | 3.06 | 70.89 | 127.62 | -45.67 | 100 | 151 QP | vertical | |
| 2 | 0.02 | 77.65 | 2.39 | 75.26 | 123.68 | -46.03 | 100 | 0 QP | vertical | |
| 3 | 0.03 | 70.79 | 0.01 | 70.78 | 118.09 | -47.30 | 100 | 19 QP | vertical | |
| 4 | 0.04 | 65.60 | -0.79 | 66.39 | 114.00 | -49.00 | 100 | 102 QP | vertical | |
| 5 | 0.07 | 59.72 | -2.31 | 62.03 | 110.34 | -50.62 | 100 | 360 QP | vertical | |
| 6 | 0.09 | 58.72 | -1.21 | 59.93 | 108.10 | -49.38 | 100 | 237 QP | vertical | |



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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 | 0.20 | 65.74 | 12.16 | 53.58 | 101.60 | -35.84 | 100 | 37 QP | vertical | |
| 2 | 2.46 | 50.96 | 12.48 | 38.48 | 69.50 | -18.54 | 100 | 142 QP | vertical | |
| 3 | 6.36 | 56.84 | 18.48 | 38.36 | 69.50 | -12.66 | 100 | 235 QP | vertical | |
| 4 | 10.32 | 50.00 | 12.54 | 37.46 | 69.50 | -19.50 | 100 | 227 QP | vertical | |
| 5 | 18.56 | 55.90 | 19.27 | 36.63 | 69.50 | -13.60 | 100 | 11 QP | vertical | |
| 6 | 26.67 | 47.68 | 13.30 | 34.30 | 69.50 | -21.90 | 100 | 45 QP | vertical | |

Spurious Emissions, Tx Mode, 30MHz ~ 1GHz

802.11n HT40

Low Channel (Horizontal)

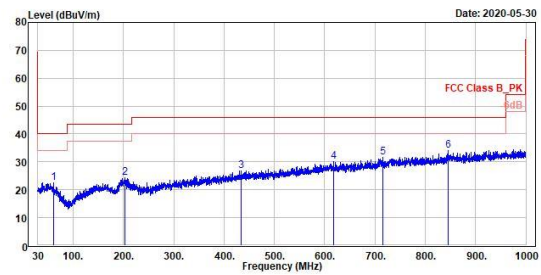
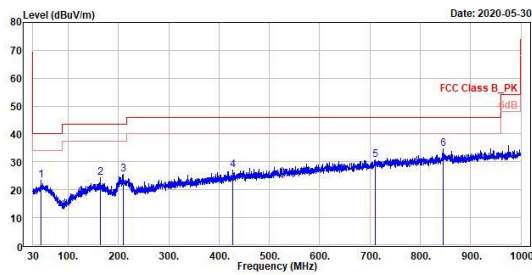
Low Channel (Vertical)



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| 1 | 2 | 3 | 4 | 5 | 6 | | | | | |
|--------|--------|--------|--------|-------|-----------|-----|-----|----|------------|--|
| Freq | Level | Read | Limit | Over | APos | | | | | |
| MHz | dBuV/m | Level | Line | Limit | TPos | | | | | |
| | | Factor | | | Remark | | | | | |
| | | dB/m | dBuV/m | dB | Pol/Phase | | | | | |
| | | | | | Note | | | | | |
| 46.39 | 23.48 | 29.59 | -6.11 | 49.00 | -16.52 | 373 | 360 | QP | horizontal | |
| 163.86 | 24.49 | 30.39 | -5.90 | 43.50 | -19.01 | 100 | 254 | QP | horizontal | |
| 218.83 | 25.54 | 33.85 | -8.31 | 43.50 | -17.96 | 100 | 271 | QP | horizontal | |
| 426.92 | 27.01 | 29.62 | -2.61 | 46.00 | -18.99 | 200 | 111 | QP | horizontal | |
| 718.36 | 30.88 | 29.36 | 1.44 | 46.00 | -15.28 | 200 | 247 | QP | horizontal | |
| 845.58 | 34.56 | 31.13 | 3.43 | 46.00 | -11.44 | 400 | 56 | QP | horizontal | |

| 1 | 2 | 3 | 4 | 5 | 6 | | | | | |
|--------|--------|--------|--------|-------|-----------|-----|-----|----|----------|--|
| Freq | Level | Read | Limit | Over | APos | | | | | |
| MHz | dBuV/m | Level | Line | Limit | TPos | | | | | |
| | | Factor | | | Remark | | | | | |
| | | dB/m | dBuV/m | dB | Pol/Phase | | | | | |
| | | | | | Note | | | | | |
| 69.65 | 22.68 | 29.45 | -6.05 | 49.00 | -17.48 | 100 | 287 | QP | vertical | |
| 202.85 | 24.21 | 32.57 | -8.36 | 43.50 | -19.29 | 100 | 172 | QP | vertical | |
| 433.33 | 26.88 | 29.36 | -2.48 | 46.00 | -19.12 | 400 | 36 | QP | vertical | |
| 617.63 | 30.08 | 29.69 | 0.39 | 46.00 | -15.92 | 200 | 0 | QP | vertical | |
| 716.18 | 31.69 | 30.17 | 1.52 | 46.00 | -14.31 | 231 | 0 | QP | vertical | |
| 845.19 | 34.14 | 30.71 | 3.43 | 46.00 | -11.86 | 100 | 307 | QP | vertical | |

Spurious Emissions, Tx Mode, 1GHz ~ 26.5GHz

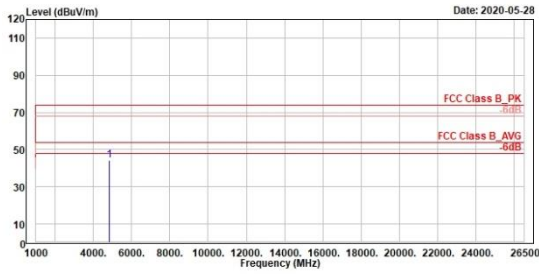
802.11b

Low Channel (Horizontal)

Low Channel (Vertical)



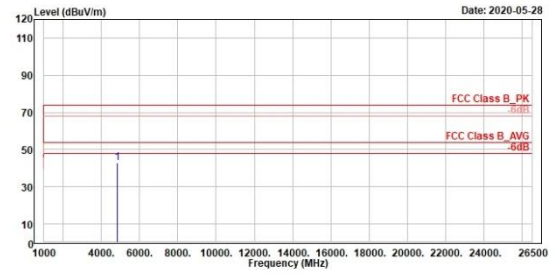
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| Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|------------|--------|------------|------------|--------|------|----------|------------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4824.00 | 44.25 | 53.63 | -9.38 | 74.00 | -29.75 | 300 | 205 Peak | 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 | 4824.00 | 43.03 | 52.41 | -9.38 | 74.00 | -30.97 | 300 | 159 Peak | vertical | |

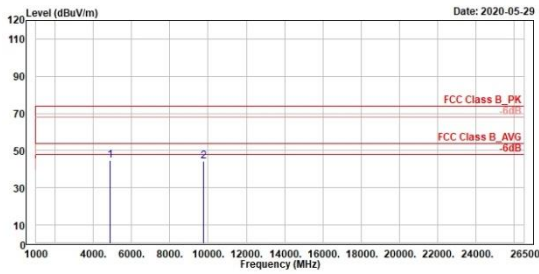
802.11b

Middle Channel (Horizontal)

Middle Channel (Vertical)



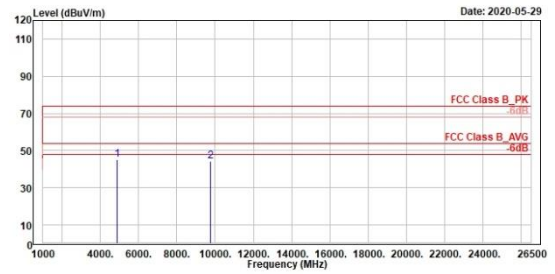
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| Read | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|---------|-------|-------|--------|-------|--------|-----------|---------------------|
| Level | Line | Limit | cm | deg | | | |
| dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | |
| 4874.00 | 44.76 | 54.06 | -9.30 | 74.00 | -29.24 | 300 | 318 Peak horizontal |
| 9748.00 | 44.27 | 48.15 | -3.88 | 74.00 | -29.73 | 399 | 368 Peak horizontal |



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| Read | Limit | Over | APos | TPos | Remark | Pol/Phase | Note |
|---------|-------|-------|--------|-------|--------|-----------|------------------|
| Level | Line | Limit | cm | deg | | | |
| dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | |
| 4874.00 | 44.96 | 54.26 | -9.30 | 74.00 | -29.04 | 300 | 85 Peak vertical |
| 9748.00 | 44.33 | 48.21 | -3.88 | 74.00 | -29.67 | 254 | 8 Peak vertical |

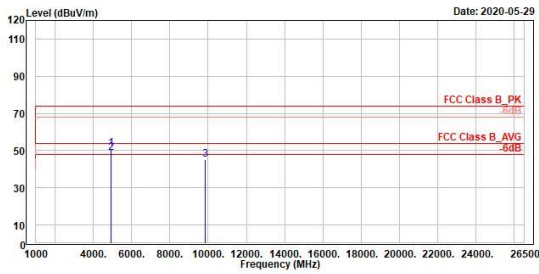
802.11b

High Channel (Horizontal)

High Channel (Vertical)



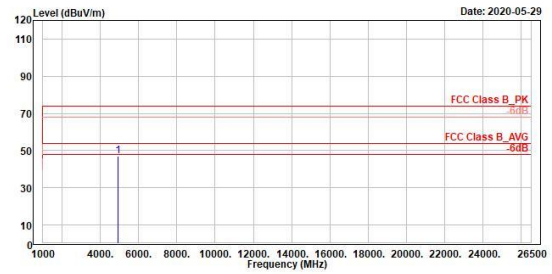
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| Freq | Level | Read Level | Factor | Limit Line | Over Limit | APos | TPos | Remark | Pol/Phase | Note |
|------|---------|------------|--------|------------|------------|--------|------|-------------|------------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4924.00 | 51.20 | 60.42 | -9.22 | 74.00 | -22.80 | 330 | 319 Peak | horizontal | |
| 2 | 4924.00 | 48.68 | 57.90 | -9.22 | 54.00 | -5.32 | 338 | 319 Average | horizontal | |
| 3 | 9848.00 | 45.16 | 48.98 | -3.82 | 74.00 | -28.84 | 400 | 354 Peak | 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 | 4924.00 | 46.99 | 56.21 | -9.22 | 74.00 | -27.01 | 300 | 276 Peak | vertical | |

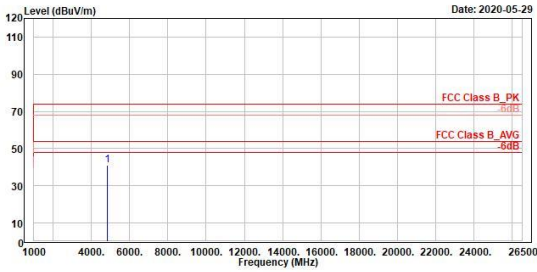
802.11g

Low Channel (Horizontal)

Low Channel (Vertical)



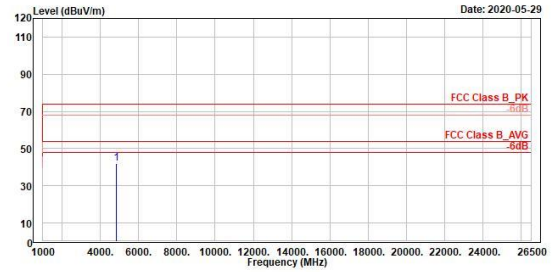
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| 1 | 4824.00 | 41.29 | 50.67 | -9.38 | 74.00 | -32.71 | 300 | 12 | Peak | horizontal |
|---|---------|-------|-------|-------|-------|--------|-----|----|------|------------|
|---|---------|-------|-------|-------|-------|--------|-----|----|------|------------|



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| 1 | 4824.00 | 41.88 | 51.26 | -9.38 | 74.00 | -32.12 | 266 | 85 | Peak | vertical |
|---|---------|-------|-------|-------|-------|--------|-----|----|------|----------|
|---|---------|-------|-------|-------|-------|--------|-----|----|------|----------|

802.11g

Middle Channel (Horizontal)

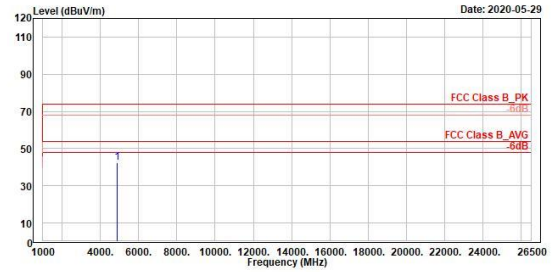
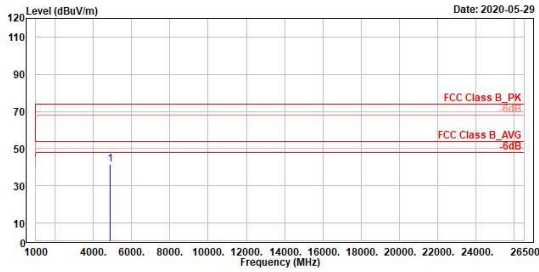
Middle Channel (Vertical)



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| 1 | 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 | 4874.00 | 41.30 | 50.60 | -9.30 | 74.00 | -32.70 | 300 | 328 | Peak | horizontal | | |

| 1 | 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 | 4874.00 | 42.27 | 51.57 | -9.30 | 74.00 | -31.73 | 300 | 275 | Peak | vertical | | |

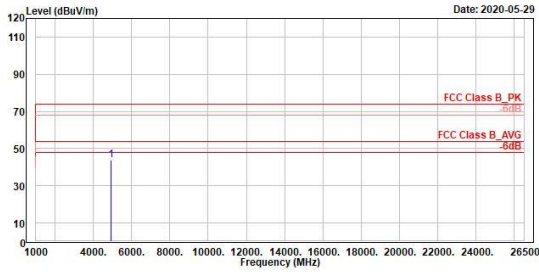
802.11g

High Channel (Horizontal)

High Channel (Vertical)



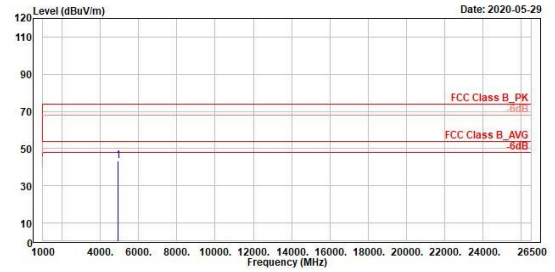
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| Freq | Level | Read | Level | Factor | Limit | Over | Apos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | | |
| 1 | 4924.00 | 44.02 | 53.24 | -9.22 | 74.00 | -29.96 | 300 | 210 | 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 | cm | deg | | | | |
| 1 | 4924.00 | 43.45 | 52.67 | -9.22 | 74.00 | -30.55 | 300 | 276 | Peak | vertical | |

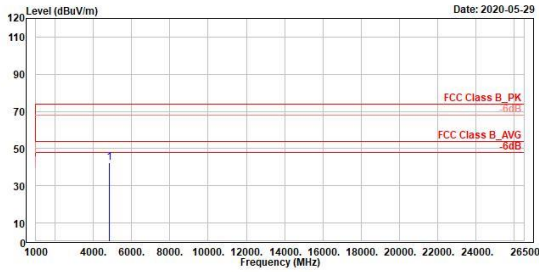
802.11n HT20

Low Channel (Horizontal)

Low Channel (Vertical)



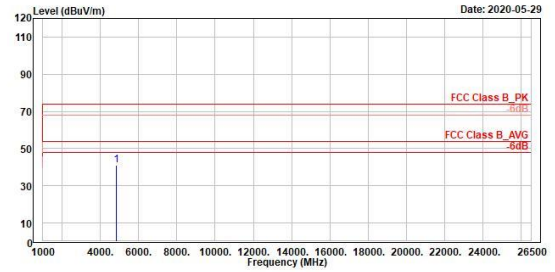
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| Freq | Level | Read | Level | Factor | Limit | Over | Apos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|------|------|--------|------------|------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | | |
| 1 | 4824.00 | 42.22 | 51.60 | -9.38 | 74.00 | -31.78 | 100 | 78 | 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 | cm | deg | | | | |
| 1 | 4824.00 | 40.98 | 50.36 | -9.38 | 74.00 | -33.02 | 200 | 339 | Peak | vertical | |

802.11n HT20

Middle Channel (Horizontal)

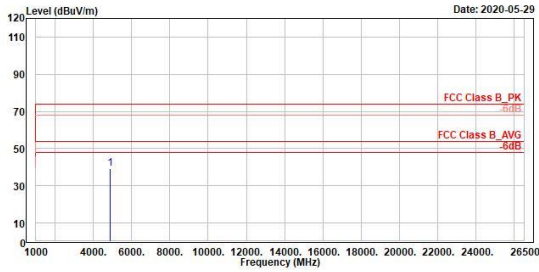
Middle Channel (Vertical)



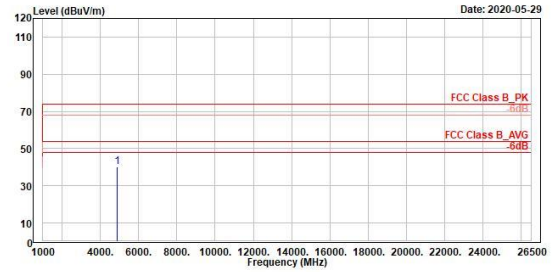
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| 1 | Freq | Level | Read Level | Factor | Limit | Over | Apos | TPos | Remark | Pol/Phase | Note |
|---|---------|--------|------------|--------|--------|--------|------|------|--------|------------|------|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4874.00 | 39.22 | 48.52 | -9.30 | 74.00 | -34.78 | 200 | 50 | Peak | horizontal | |



| 1 | 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 | 4874.00 | 40.22 | 49.52 | -9.30 | 74.00 | -33.78 | 300 | 276 | Peak | vertical | |

802.11n HT20

High Channel (Horizontal)

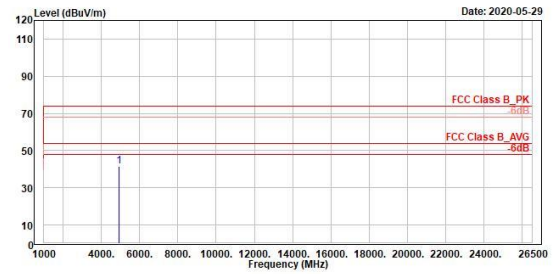
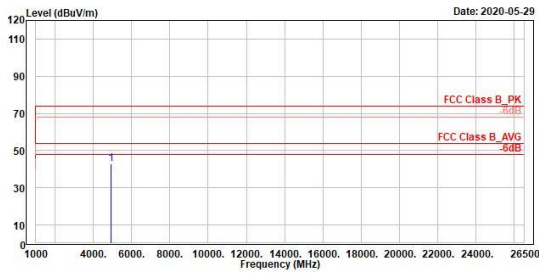
High Channel (Vertical)



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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 | 4924.00 | 42.00 | 52.02 | -9.22 | 74.00 | -31.20 | 300 | 332 Peak | horizontal |

| Freq | Level | Read | Limit | Over | Apos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|--------|-----------|----------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 1 | 4924.00 | 41.71 | 50.93 | -9.22 | 74.00 | -32.29 | 231 | 102 Peak | vertical |

802.11n HT40

Low Channel (Horizontal)

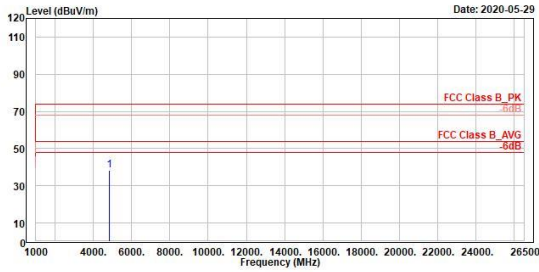
Low Channel (Vertical)



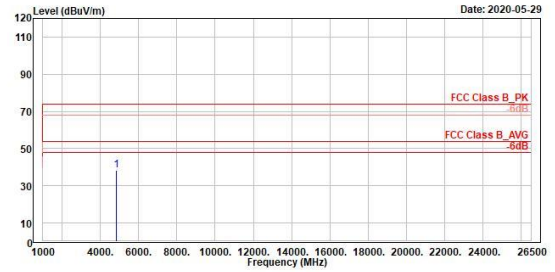
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| 1 | Freq | Level | Read Level | Factor | Limit | Over | Apos | TPos | Remark | Pol/Phase | Note |
|---|---------|--------|------------|--------|--------|--------|------|------|--------|------------|------|
| | MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | | |
| 1 | 4844.00 | 38.27 | 47.60 | -9.33 | 74.00 | -35.73 | 174 | 360 | Peak | horizontal | |



| 1 | 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 | 4844.00 | 38.55 | 47.88 | -9.33 | 74.00 | -35.45 | 180 | 70 | Peak | vertical | |

802.11n HT40

Middle Channel (Horizontal)

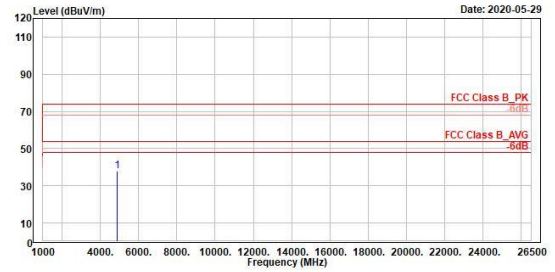
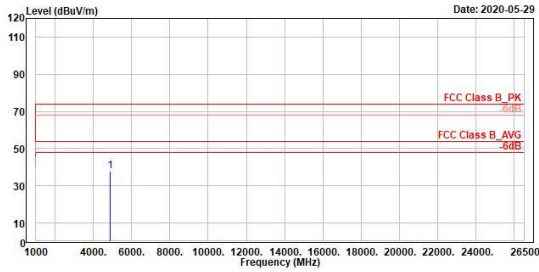
Middle Channel (Vertical)



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| 1 | 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 | 4874.00 | 38.03 | 47.33 | -9.30 | 74.00 | -35.97 | 200 | 75 | Peak | horizontal | |

| 1 | 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 | 4874.00 | 38.04 | 47.34 | -9.30 | 74.00 | -35.96 | 100 | 125 | Peak | vertical | |

802.11n HT40

High Channel (Horizontal)

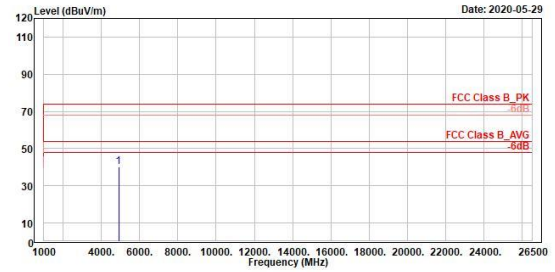
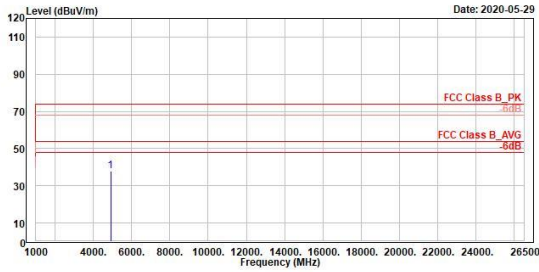
High Channel (Vertical)



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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 | 4984.00 | 37.91 | 47.19 | -9.28 | 74.00 | -36.09 | 100 | 297 Peak | horizontal |

| Freq | Level | Read | Limit | Over | Apos | TPos | Remark | Pol/Phase | Note |
|------|---------|-------|-------|--------|-------|--------|--------|-----------|----------|
| MHz | dBuV/m | dBuV | dB/m | dBuV/m | dB | cm | deg | | |
| 1 | 4984.00 | 39.94 | 49.22 | -9.28 | 74.00 | -34.06 | 300 | 286 Peak | vertical |

Mains Conducted Emission, 150kHz ~ 30MHz

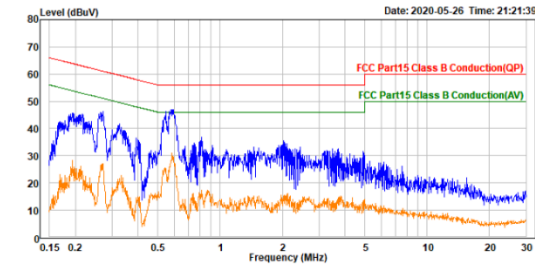
802.11n HT40 2422MHz

(Line)

(Neutral)



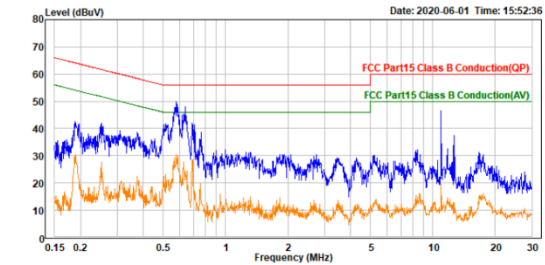
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| Trace: 1 | Read | | Over | | Remark | Pol/Phase | Note |
|----------|-------|---------|--------|--------|---------|-----------|-------|
| | Freq | Level | Factor | Level | | | |
| | MHz | dBuV | dB | dBuV | dB | | |
| 1 | 0.193 | -74.37 | 10.11 | -64.26 | -128.15 | QP | line1 |
| 2 | 0.193 | -92.07 | 10.11 | -81.96 | -135.85 | Average | line1 |
| 3 | 0.216 | -76.54 | 10.11 | -66.43 | -129.41 | QP | line1 |
| 4 | 0.216 | -94.74 | 10.11 | -84.63 | -137.61 | Average | line1 |
| 5 | 0.271 | -73.78 | 10.11 | -63.67 | -124.74 | QP | line1 |
| 6 | 0.271 | -91.22 | 10.11 | -81.11 | -132.18 | Average | line1 |
| 7 | 0.328 | -79.48 | 10.11 | -69.37 | -128.87 | QP | line1 |
| 8 | 0.328 | -95.96 | 10.11 | -85.85 | -135.35 | Average | line1 |
| 9 | 0.588 | -73.95 | 10.12 | -63.83 | -119.83 | QP | line1 |
| 10 | 0.588 | -87.72 | 10.12 | -77.60 | -123.60 | Average | line1 |
| 11 | 0.817 | -86.79 | 10.14 | -76.65 | -132.65 | QP | line1 |
| 12 | 0.817 | -101.22 | 10.14 | -91.08 | -137.08 | Average | line1 |



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| Trace: 1 | Read | | Over | | Remark | Pol/Phase | Note |
|----------|--------|---------|--------|--------|---------|-----------|---------|
| | Freq | Level | Factor | Level | | | |
| | MHz | dBuV | dB | dBuV | dB | | |
| 1 | 0.189 | -77.34 | 10.11 | -67.23 | -131.33 | QP | neutral |
| 2 | 0.189 | -87.90 | 10.11 | -77.79 | -131.89 | Average | neutral |
| 3 | 0.252 | -78.51 | 10.11 | -68.40 | -130.09 | QP | neutral |
| 4 | 0.252 | -92.13 | 10.11 | -82.02 | -133.71 | Average | neutral |
| 5 | 0.579 | -70.90 | 10.12 | -60.78 | -116.78 | QP | neutral |
| 6 | 0.579 | -87.50 | 10.12 | -77.38 | -123.38 | Average | neutral |
| 7 | 0.643 | -76.42 | 10.12 | -66.30 | -122.30 | QP | neutral |
| 8 | 0.643 | -93.55 | 10.12 | -83.43 | -129.43 | Average | neutral |
| 9 | 10.961 | -100.74 | 10.39 | -90.35 | -150.35 | QP | neutral |
| 10 | 10.961 | -108.35 | 10.39 | -97.96 | -147.96 | Average | neutral |
| 11 | 12.729 | -100.40 | 10.45 | -89.95 | -149.95 | QP | neutral |
| 12 | 12.729 | -107.57 | 10.45 | -97.12 | -147.12 | Average | neutral |