



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

| WIFI | Note | Frequency | Level | Margin | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. | |
|-----------------------------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|-------|-------|---|
| Ant. | | | | | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | | |
| 6+7 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 802.11b CH 01 2412MHz | | 2387.91 | 55.37 | -18.63 | 74 | 41.11 | 27.38 | 17.35 | 30.47 | 100 | 334 | P | H | |
| | | 2387.07 | 46.39 | -7.61 | 54 | 32.14 | 27.37 | 17.35 | 30.47 | 100 | 334 | A | H | |
| | * | 2412 | 114.23 | - | - | 99.87 | 27.42 | 17.4 | 30.46 | 100 | 334 | P | H | |
| | * | 2412 | 111.16 | - | - | 96.8 | 27.42 | 17.4 | 30.46 | 100 | 334 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | | H |
| | | | 2388.435 | 55.01 | -18.99 | 74 | 40.74 | 27.38 | 17.36 | 30.47 | 390 | 278 | P | V |
| | | | 2387.91 | 46.68 | -7.32 | 54 | 32.42 | 27.38 | 17.35 | 30.47 | 390 | 278 | A | V |
| | * | | 2412 | 110.16 | - | - | 95.8 | 27.42 | 17.4 | 30.46 | 390 | 278 | P | V |
| | * | | 2412 | 106.9 | - | - | 92.54 | 27.42 | 17.4 | 30.46 | 390 | 278 | A | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | | V |
| 802.11b CH 06 2437MHz | | 2375.94 | 54.11 | -19.89 | 74 | 39.99 | 27.26 | 17.33 | 30.47 | 101 | 301 | P | H | |
| | | 2388.96 | 43.01 | -10.99 | 54 | 28.73 | 27.39 | 17.36 | 30.47 | 101 | 301 | A | H | |
| | * | 2437 | 118.29 | - | - | 103.7 | 27.6 | 17.44 | 30.45 | 101 | 301 | P | H | |
| | * | 2437 | 115.21 | - | - | 100.62 | 27.6 | 17.44 | 30.45 | 101 | 301 | A | H | |
| | | | 2498.25 | 54.87 | -19.13 | 74 | 39.97 | 27.8 | 17.53 | 30.43 | 101 | 301 | P | H |
| | | | 2484.32 | 43.98 | -10.02 | 54 | 29.17 | 27.74 | 17.51 | 30.44 | 101 | 301 | A | H |
| | | | 2317.28 | 53.87 | -20.13 | 74 | 39.95 | 27.2 | 17.21 | 30.49 | 280 | 269 | P | V |
| | | | 2388.4 | 42.89 | -11.11 | 54 | 28.62 | 27.38 | 17.36 | 30.47 | 280 | 269 | A | V |
| | * | | 2437 | 116.43 | - | - | 101.84 | 27.6 | 17.44 | 30.45 | 280 | 269 | P | V |
| | * | | 2437 | 113.35 | - | - | 98.76 | 27.6 | 17.44 | 30.45 | 280 | 269 | A | V |
| | | | 2491.25 | 54.9 | -19.1 | 74 | 40.01 | 27.8 | 17.52 | 30.43 | 280 | 269 | P | V |
| | | | 2485.02 | 43.91 | -10.09 | 54 | 29.08 | 27.75 | 17.51 | 30.43 | 280 | 269 | A | V |



| WiFi Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-----------------------------|---|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11b CH 11 2462MHz | * | 2462 | 113.26 | - | - | 98.61 | 27.62 | 17.47 | 30.44 | 100 | 300 | P | H |
| | * | 2462 | 110.11 | - | - | 95.46 | 27.62 | 17.47 | 30.44 | 100 | 300 | A | H |
| | | 2485.64 | 58.35 | -15.65 | 74 | 43.51 | 27.76 | 17.51 | 30.43 | 100 | 300 | P | H |
| | | 2483.52 | 51.27 | -2.73 | 54 | 36.46 | 27.74 | 17.51 | 30.44 | 100 | 300 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 2462 | 107.16 | - | - | 92.51 | 27.62 | 17.47 | 30.44 | 268 | 278 | P | V |
| | * | 2462 | 103.76 | - | - | 89.11 | 27.62 | 17.47 | 30.44 | 268 | 278 | A | V |
| | | 2486.36 | 58.24 | -15.76 | 74 | 43.4 | 27.76 | 17.51 | 30.43 | 268 | 278 | P | V |
| | | 2483.52 | 50.17 | -3.83 | 54 | 35.36 | 27.74 | 17.51 | 30.44 | 268 | 278 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



2.4GHz 2400~2483.5MHz
WIFI 802.11b (Harmonic @ 3m)

| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|-----------------------------|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11b CH 01 2412MHz | | 4824 | 50.33 | -23.67 | 74 | 73.28 | 32.44 | 11.25 | 66.64 | 380 | 6 | P | H | |
| | | 4824 | 48.76 | -5.24 | 54 | 71.71 | 32.44 | 11.25 | 66.64 | 380 | 6 | A | H | |
| | | | | | | | | | | | | | H | |
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| | | | | | | | | | | | | | H | |
| | | | 4824 | 50.17 | -23.83 | 74 | 73.12 | 32.44 | 11.25 | 66.64 | 100 | 93 | P | V |
| | | | 4824 | 48.39 | -5.61 | 54 | 71.34 | 32.44 | 11.25 | 66.64 | 100 | 93 | A | V |
| | | | | | | | | | | | | | | V |
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| | | | | | | | | | | | | | V | |



| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|-----------------------------|---|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11b CH 11 2462MHz | | 4924 | 47.52 | -26.48 | 74 | 69.97 | 32.75 | 11.34 | 66.54 | 350 | 6 | P | H | |
| | | 7386 | 47.91 | -26.09 | 74 | 64.29 | 36.66 | 13.32 | 66.36 | 106 | 50 | P | H | |
| | | | | | | | | | | | | | H | |
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| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 4924 | 47.58 | -26.42 | 74 | 70.03 | 32.75 | 11.34 | 66.54 | 348 | 10 | P | V |
| | | | 7386 | 50.56 | -23.44 | 74 | 66.94 | 36.66 | 13.32 | 66.36 | 296 | 9 | P | V |
| | | | 7386 | 45.1 | -8.9 | 54 | 61.48 | 36.66 | 13.32 | 66.36 | 296 | 9 | A | V |
| | | | | | | | | | | | | | | V |
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| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



**2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)**

| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|-----------------------------|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11g CH 01 2412MHz | | 2390 | 58.32 | -15.68 | 74 | 44.03 | 27.4 | 17.36 | 30.47 | 100 | 301 | P | H | |
| | | 2390 | 50.95 | -3.05 | 54 | 36.66 | 27.4 | 17.36 | 30.47 | 100 | 301 | A | H | |
| | * | 2412 | 116.33 | - | - | 101.97 | 27.42 | 17.4 | 30.46 | 100 | 301 | P | H | |
| | * | 2412 | 109.14 | - | - | 94.78 | 27.42 | 17.4 | 30.46 | 100 | 301 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | | H |
| | | | 2368.8 | 54.01 | -19.99 | 74 | 39.97 | 27.2 | 17.31 | 30.47 | 251 | 270 | P | V |
| | | | 2390 | 43.77 | -10.23 | 54 | 29.48 | 27.4 | 17.36 | 30.47 | 251 | 270 | A | V |
| | * | | 2412 | 113.2 | - | - | 98.84 | 27.42 | 17.4 | 30.46 | 251 | 270 | P | V |
| | * | | 2412 | 105.39 | - | - | 91.03 | 27.42 | 17.4 | 30.46 | 251 | 270 | A | V |
| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | | V |
| 802.11g CH 06 2437MHz | | 2352.7 | 54.89 | -19.11 | 74 | 40.89 | 27.2 | 17.28 | 30.48 | 100 | 300 | P | H | |
| | | 2389.8 | 44.67 | -9.33 | 54 | 30.38 | 27.4 | 17.36 | 30.47 | 100 | 300 | A | H | |
| | * | 2437 | 120.9 | - | - | 106.31 | 27.6 | 17.44 | 30.45 | 100 | 300 | P | H | |
| | * | 2437 | 113.12 | - | - | 98.53 | 27.6 | 17.44 | 30.45 | 100 | 300 | A | H | |
| | | | 2483.69 | 60.46 | -13.54 | 74 | 45.65 | 27.74 | 17.51 | 30.44 | 100 | 300 | P | H |
| | | | 2483.55 | 51.15 | -2.85 | 54 | 36.34 | 27.74 | 17.51 | 30.44 | 100 | 300 | A | H |
| | | | 2326.24 | 54.19 | -19.81 | 74 | 40.31 | 27.14 | 17.23 | 30.49 | 261 | 274 | P | V |
| | | | 2389.94 | 43.82 | -10.18 | 54 | 29.53 | 27.4 | 17.36 | 30.47 | 261 | 274 | A | V |
| | * | | 2437 | 118.93 | - | - | 104.34 | 27.6 | 17.44 | 30.45 | 261 | 274 | P | V |
| | * | | 2437 | 110.76 | - | - | 96.17 | 27.6 | 17.44 | 30.45 | 261 | 274 | A | V |
| | | | 2483.69 | 63.17 | -10.83 | 74 | 48.36 | 27.74 | 17.51 | 30.44 | 261 | 274 | P | V |
| | | | 2483.55 | 51.66 | -2.34 | 54 | 36.85 | 27.74 | 17.51 | 30.44 | 261 | 274 | A | V |



| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-----------------------------|---|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11g CH 11 2462MHz | * | 2462 | 113.7 | - | - | 99.05 | 27.62 | 17.47 | 30.44 | 100 | 304 | P | H |
| | * | 2462 | 106.38 | - | - | 91.73 | 27.62 | 17.47 | 30.44 | 100 | 304 | A | H |
| | | 2483.6 | 62.37 | -11.63 | 74 | 47.56 | 27.74 | 17.51 | 30.44 | 100 | 304 | P | H |
| | | 2483.84 | 51.64 | -2.36 | 54 | 36.83 | 27.74 | 17.51 | 30.44 | 100 | 304 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 2462 | 111.1 | - | - | 96.45 | 27.62 | 17.47 | 30.44 | 312 | 282 | P | V |
| | * | 2462 | 103.4 | - | - | 88.75 | 27.62 | 17.47 | 30.44 | 312 | 282 | A | V |
| | | 2483.68 | 60.11 | -13.89 | 74 | 45.3 | 27.74 | 17.51 | 30.44 | 312 | 282 | P | V |
| | | 2483.52 | 49.84 | -4.16 | 54 | 35.03 | 27.74 | 17.51 | 30.44 | 312 | 282 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



2.4GHz 2400~2483.5MHz
WIFI 802.11g (Harmonic @ 3m)

| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-----------------------------|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11g CH 01 2412MHz | | 4824 | 44.92 | -29.08 | 74 | 67.87 | 32.44 | 11.25 | 66.64 | 380 | 6 | P | H |
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| | | | 4824 | 46.65 | -27.35 | 74 | 69.6 | 32.44 | 11.25 | 66.64 | 100 | 93 | P |
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| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|-----------------------------|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11g CH 06 2437MHz | | 4874 | 46.4 | -27.6 | 74 | 69.05 | 32.65 | 11.29 | 66.59 | 396 | 9 | P | H |
| | | 7311 | 55.58 | -18.42 | 74 | 71.58 | 36.88 | 13.45 | 66.33 | 100 | 127 | P | H |
| | | 7311 | 44.29 | -9.71 | 54 | 60.29 | 36.88 | 13.45 | 66.33 | 100 | 127 | A | H |
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| | | | | | | | | | | | | | H |
| | | 4874 | 48.4 | -25.6 | 74 | 71.05 | 32.65 | 11.29 | 66.59 | 100 | 6 | P | V |
| | | 4874 | 37.6 | -16.4 | 54 | 60.25 | 32.65 | 11.29 | 66.59 | 100 | 6 | A | V |
| | | 7311 | 58.07 | -15.93 | 74 | 74.07 | 36.88 | 13.45 | 66.33 | 102 | 21 | P | V |
| | | 7311 | 45.96 | -8.04 | 54 | 61.96 | 36.88 | 13.45 | 66.33 | 102 | 21 | A | V |
| | | | | | | | | | | | | | V |
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| | | | | | | | | | | | | | V |



| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|-----------------------------|---|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11g CH 11 2462MHz | | 4924 | 44.7 | -29.3 | 74 | 67.15 | 32.75 | 11.34 | 66.54 | 349 | 6 | P | H | |
| | | 7386 | 47.71 | -26.29 | 74 | 64.09 | 36.66 | 13.32 | 66.36 | 106 | 48 | P | H | |
| | | | | | | | | | | | | | H | |
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| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 4924 | 46.11 | -27.89 | 74 | 68.56 | 32.75 | 11.34 | 66.54 | 349 | 10 | P | V |
| | | | 7386 | 54.41 | -19.59 | 74 | 70.79 | 36.66 | 13.32 | 66.36 | 398 | 356 | P | V |
| | | | 7386 | 39.26 | -14.74 | 54 | 55.64 | 36.66 | 13.32 | 66.36 | 398 | 356 | A | V |
| | | | | | | | | | | | | | | V |
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| | | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



2.4GHz 2400~2483.5MHz
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|----------------------------------|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11ax HE20 Full CH 01 2412MHz | | 2389.8 | 62.31 | -11.69 | 74 | 48.02 | 27.4 | 17.36 | 30.47 | 101 | 302 | P | H | |
| | | 2390 | 50.85 | -3.15 | 54 | 36.56 | 27.4 | 17.36 | 30.47 | 101 | 302 | A | H | |
| | * | 2412 | 116.52 | - | - | 102.16 | 27.42 | 17.4 | 30.46 | 101 | 302 | P | H | |
| | * | 2412 | 108.41 | - | - | 94.05 | 27.42 | 17.4 | 30.46 | 101 | 302 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | | H |
| | | | 2390 | 60.2 | -13.8 | 74 | 45.91 | 27.4 | 17.36 | 30.47 | 100 | 345 | P | V |
| | | | 2390 | 48.39 | -5.61 | 54 | 34.1 | 27.4 | 17.36 | 30.47 | 100 | 345 | A | V |
| | | * | 2412 | 112.17 | - | - | 97.81 | 27.42 | 17.4 | 30.46 | 100 | 345 | P | V |
| | | * | 2412 | 104.14 | - | - | 89.78 | 27.42 | 17.4 | 30.46 | 100 | 345 | A | V |
| 802.11ax HE20 Full CH 06 2437MHz | | 2313.78 | 54.09 | -19.91 | 74 | 40.18 | 27.2 | 17.2 | 30.49 | 101 | 307 | P | H | |
| | | 2389.94 | 44.08 | -9.92 | 54 | 29.79 | 27.4 | 17.36 | 30.47 | 101 | 307 | A | H | |
| | | * 2437 | 120.13 | - | - | 105.54 | 27.6 | 17.44 | 30.45 | 101 | 307 | P | H | |
| | | * 2437 | 111.61 | - | - | 97.02 | 27.6 | 17.44 | 30.45 | 101 | 307 | A | H | |
| | | | 2483.5 | 59.46 | -14.54 | 74 | 44.65 | 27.74 | 17.51 | 30.44 | 101 | 307 | P | H |
| | | | 2483.5 | 49.14 | -4.86 | 54 | 34.33 | 27.74 | 17.51 | 30.44 | 101 | 307 | A | H |
| | | | 2372.44 | 54.47 | -19.53 | 74 | 40.4 | 27.22 | 17.32 | 30.47 | 302 | 282 | P | V |
| | | | 2389.66 | 43.64 | -10.36 | 54 | 29.35 | 27.4 | 17.36 | 30.47 | 302 | 282 | A | V |
| | | * | 2437 | 117.69 | - | - | 103.1 | 27.6 | 17.44 | 30.45 | 302 | 282 | P | V |
| | | * | 2437 | 108.89 | - | - | 94.3 | 27.6 | 17.44 | 30.45 | 302 | 282 | A | V |
| | | 2483.62 | 62.36 | -11.64 | 74 | 47.55 | 27.74 | 17.51 | 30.44 | 302 | 282 | P | V | |
| | | 2483.55 | 48.48 | -5.52 | 54 | 33.67 | 27.74 | 17.51 | 30.44 | 302 | 282 | A | V | |



| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|
| 802.11ax HE20 Full CH 11 2462MHz | * | 2462 | 113.94 | - | - | 99.29 | 27.62 | 17.47 | 30.44 | 256 | 303 | P | H |
| | * | 2462 | 105.87 | - | - | 91.22 | 27.62 | 17.47 | 30.44 | 256 | 303 | A | H |
| | | 2483.88 | 64.35 | -9.65 | 74 | 49.54 | 27.74 | 17.51 | 30.44 | 256 | 303 | P | H |
| | | 2483.52 | 52.57 | -1.43 | 54 | 37.76 | 27.74 | 17.51 | 30.44 | 256 | 303 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 2462 | 111.48 | - | - | 96.83 | 27.62 | 17.47 | 30.44 | 304 | 292 | P | V |
| | * | 2462 | 102.42 | - | - | 87.77 | 27.62 | 17.47 | 30.44 | 304 | 292 | A | V |
| | | 2483.52 | 63.76 | -10.24 | 74 | 48.95 | 27.74 | 17.51 | 30.44 | 304 | 292 | P | V |
| | | 2483.52 | 51.04 | -2.96 | 54 | 36.23 | 27.74 | 17.51 | 30.44 | 304 | 292 | A | V |
| | | | | | | | | | | | | V | |
| | | | | | | | | | | | | V | |
| Remark | <ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|---|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ax HE20 Full CH 01 2412MHz | | 4824 | 44.37 | -29.63 | 74 | 67.32 | 32.44 | 11.25 | 66.64 | 380 | 6 | P | H |
| | | | | | | | | | | | | | H |
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| | | | | | | | | | | | | | H |
| | | | 4824 | 46.45 | -27.55 | 74 | 69.4 | 32.44 | 11.25 | 66.64 | 100 | 93 | P |
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| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|---|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-----------------|------------|---|
| 802.11ax HE20 Full CH 06 2437MHz | | 4874 | 44.05 | -29.95 | 74 | 66.7 | 32.65 | 11.29 | 66.59 | 348 | 6 | P | H | |
| | | 7311 | 55.54 | -18.46 | 74 | 71.54 | 36.88 | 13.45 | 66.33 | 201 | 136 | P | H | |
| | | 7311 | 42.64 | -11.36 | 54 | 58.64 | 36.88 | 13.45 | 66.33 | 201 | 136 | A | H | |
| | | | | | | | | | | | | | H | |
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| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 4874 | 44.13 | -29.87 | 74 | 66.78 | 32.65 | 11.29 | 66.59 | 348 | 10 | P | V |
| | | | 7311 | 56.42 | -17.58 | 74 | 72.42 | 36.88 | 13.45 | 66.33 | 201 | 26 | P | V |
| | | | 7311 | 43.77 | -10.23 | 54 | 59.77 | 36.88 | 13.45 | 66.33 | 201 | 26 | A | V |
| | | | | | | | | | | | | | | V |
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| | | | | | | | | | | | | | V | |



| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|---|---|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11ax HE20 Full CH 11 2462MHz | | 4924 | 43.83 | -30.17 | 74 | 66.28 | 32.75 | 11.34 | 66.54 | 350 | 6 | P | H | |
| | | 7386 | 44.05 | -29.95 | 74 | 60.43 | 36.66 | 13.32 | 66.36 | 106 | 48 | P | H | |
| | | | | | | | | | | | | | H | |
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| | | | | | | | | | | | | | H | |
| | | | 4924 | 44.23 | -29.77 | 74 | 66.68 | 32.75 | 11.34 | 66.54 | 350 | 10 | P | V |
| | | | 7386 | 47.63 | -26.37 | 74 | 64.01 | 36.66 | 13.32 | 66.36 | 398 | 356 | P | V |
| | | | | | | | | | | | | | V | |
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| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



**2.4GHz 2400~2483.5MHz
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)**

| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|--|---|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|---|
| 802.11ax HE20 Partial 106/53 CH 01 2412MHz | | 2390 | 67.96 | -6.04 | 74 | 53.67 | 27.4 | 17.36 | 30.47 | 100 | 302 | P | H | |
| | | 2390 | 47.35 | -6.65 | 54 | 33.06 | 27.4 | 17.36 | 30.47 | 100 | 302 | A | H | |
| | * | 2412 | 113.78 | - | - | 99.42 | 27.42 | 17.4 | 30.46 | 100 | 302 | P | H | |
| | * | 2412 | 106.83 | - | - | 92.47 | 27.42 | 17.4 | 30.46 | 100 | 302 | A | H | |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | | | 2390 | 67.15 | -6.85 | 74 | 52.86 | 27.4 | 17.36 | 30.47 | 249 | 275 | P | V |
| | | | 2390 | 46.18 | -7.82 | 54 | 31.89 | 27.4 | 17.36 | 30.47 | 249 | 275 | A | V |
| | * | | 2412 | 112.94 | - | - | 98.58 | 27.42 | 17.4 | 30.46 | 249 | 275 | P | V |
| | * | | 2412 | 103.71 | - | - | 89.35 | 27.42 | 17.4 | 30.46 | 249 | 275 | A | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| 802.11ax HE20 Partial 106/54 CH 11 2462MHz | * | 2462 | 115.45 | - | - | 100.8 | 27.62 | 17.47 | 30.44 | 170 | 331 | P | H | |
| | * | 2462 | 107.34 | - | - | 92.69 | 27.62 | 17.47 | 30.44 | 170 | 331 | A | H | |
| | | | 2483.56 | 71.93 | -2.07 | 74 | 57.12 | 27.74 | 17.51 | 30.44 | 170 | 331 | P | H |
| | | | 2483.76 | 49.09 | -4.91 | 54 | 34.28 | 27.74 | 17.51 | 30.44 | 170 | 331 | A | H |
| | | | | | | | | | | | | | H | |
| | | | | | | | | | | | | | H | |
| | * | | 2462 | 112.72 | - | - | 98.07 | 27.62 | 17.47 | 30.44 | 400 | 278 | P | V |
| | * | | 2462 | 104.07 | - | - | 89.42 | 27.62 | 17.47 | 30.44 | 400 | 278 | A | V |
| | | | 2483.56 | 70.3 | -3.7 | 74 | 55.49 | 27.74 | 17.51 | 30.44 | 400 | 278 | P | V |
| | | | 2483.56 | 48.13 | -5.87 | 54 | 33.32 | 27.74 | 17.51 | 30.44 | 400 | 278 | P | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | | |



**2.4GHz 2400~2483.5MHz
WIFI 802.11ax HE40 Full (Band Edge @ 3m)**

| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|---|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ax HE40 Full CH 03 2422MHz | | 2389.38 | 63.5 | -10.5 | 74 | 49.22 | 27.39 | 17.36 | 30.47 | 100 | 299 | P | H |
| | | 2389.94 | 50.05 | -3.95 | 54 | 35.76 | 27.4 | 17.36 | 30.47 | 100 | 299 | A | H |
| | * | 2422 | 114.03 | - | - | 99.55 | 27.52 | 17.41 | 30.45 | 100 | 299 | P | H |
| | * | 2422 | 106.46 | - | - | 91.98 | 27.52 | 17.41 | 30.45 | 100 | 299 | A | H |
| | | 2483.9 | 62.26 | -11.74 | 74 | 47.45 | 27.74 | 17.51 | 30.44 | 100 | 299 | P | H |
| | | 2483.5 | 50.3 | -3.7 | 54 | 35.49 | 27.74 | 17.51 | 30.44 | 100 | 299 | A | H |
| | | 2389.94 | 54.72 | -19.28 | 74 | 40.43 | 27.4 | 17.36 | 30.47 | 295 | 272 | P | V |
| | | 2389.66 | 44.35 | -9.65 | 54 | 30.06 | 27.4 | 17.36 | 30.47 | 295 | 272 | A | V |
| | * | 2422 | 111.84 | - | - | 97.36 | 27.52 | 17.41 | 30.45 | 295 | 272 | P | V |
| | * | 2422 | 102.51 | - | - | 88.03 | 27.52 | 17.41 | 30.45 | 295 | 272 | A | V |
| | | 2484.81 | 59.64 | -14.36 | 74 | 44.81 | 27.75 | 17.51 | 30.43 | 295 | 272 | P | V |
| | | 2483.5 | 47.22 | -6.78 | 54 | 32.41 | 27.74 | 17.51 | 30.44 | 295 | 272 | A | V |
| 802.11ax HE40 Full CH 06 2437MHz | | 2383.36 | 53.53 | -20.47 | 74 | 39.32 | 27.33 | 17.35 | 30.47 | 108 | 302 | P | H |
| | | 2389.52 | 43.92 | -10.08 | 54 | 29.63 | 27.4 | 17.36 | 30.47 | 108 | 302 | A | H |
| | * | 2437 | 115.7 | - | - | 101.11 | 27.6 | 17.44 | 30.45 | 108 | 302 | P | H |
| | * | 2437 | 106.65 | - | - | 92.06 | 27.6 | 17.44 | 30.45 | 108 | 302 | A | H |
| | | 2483.62 | 62.7 | -11.3 | 74 | 47.89 | 27.74 | 17.51 | 30.44 | 108 | 302 | P | H |
| | | 2484.39 | 49.8 | -4.2 | 54 | 34.98 | 27.74 | 17.51 | 30.43 | 108 | 302 | A | H |
| | | 2321.48 | 54.19 | -19.81 | 74 | 40.27 | 27.19 | 17.22 | 30.49 | 264 | 278 | P | V |
| | | 2388.82 | 43.69 | -10.31 | 54 | 29.41 | 27.39 | 17.36 | 30.47 | 264 | 278 | A | V |
| | * | 2437 | 112.18 | - | - | 97.59 | 27.6 | 17.44 | 30.45 | 264 | 278 | P | V |
| | * | 2437 | 103.36 | - | - | 88.77 | 27.6 | 17.44 | 30.45 | 264 | 278 | A | V |
| | | 2484.88 | 63.43 | -10.57 | 74 | 48.6 | 27.75 | 17.51 | 30.43 | 264 | 278 | P | V |
| | | 2484.25 | 49.22 | -4.78 | 54 | 34.41 | 27.74 | 17.51 | 30.44 | 264 | 278 | A | V |



| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ax HE40 Full CH 09 2452MHz | | 2377.06 | 53.64 | -20.36 | 74 | 39.51 | 27.27 | 17.33 | 30.47 | 110 | 305 | P | H |
| | | 2387.7 | 43.13 | -10.87 | 54 | 28.87 | 27.38 | 17.35 | 30.47 | 110 | 305 | A | H |
| | * | 2452 | 112.63 | - | - | 98.02 | 27.6 | 17.46 | 30.45 | 110 | 305 | P | H |
| | * | 2452 | 104.74 | - | - | 90.13 | 27.6 | 17.46 | 30.45 | 110 | 305 | A | H |
| | | 2485.79 | 62.17 | -11.83 | 74 | 47.33 | 27.76 | 17.51 | 30.43 | 110 | 305 | P | H |
| | | 2483.62 | 50.62 | -3.38 | 54 | 35.81 | 27.74 | 17.51 | 30.44 | 110 | 305 | A | H |
| | | 2369.36 | 54.26 | -19.74 | 74 | 40.21 | 27.2 | 17.32 | 30.47 | 261 | 278 | P | V |
| | | 2386.44 | 43.26 | -10.74 | 54 | 29.02 | 27.36 | 17.35 | 30.47 | 261 | 278 | A | V |
| | * | 2452 | 109.88 | - | - | 95.27 | 27.6 | 17.46 | 30.45 | 261 | 278 | P | V |
| | * | 2452 | 99.91 | - | - | 85.3 | 27.6 | 17.46 | 30.45 | 261 | 278 | A | V |
| | | 2485.72 | 61.09 | -12.91 | 74 | 46.25 | 27.76 | 17.51 | 30.43 | 261 | 278 | P | V |
| | | 2483.76 | 50.73 | -3.27 | 54 | 35.92 | 27.74 | 17.51 | 30.44 | 261 | 278 | A | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|---|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ax HE40 Full CH 03 2422MHz | | 4844 | 42.47 | -31.53 | 74 | 65.26 | 32.56 | 11.27 | 66.62 | - | - | P | H |
| | | 7266 | 45.35 | -28.65 | 74 | 61.09 | 37.04 | 13.53 | 66.31 | - | - | P | H |
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| | | | | | | | | | | | | | H |
| | | | 4844 | 42.5 | -31.5 | 74 | 65.29 | 32.56 | 11.27 | 66.62 | - | - | P |
| | | 7266 | 44.98 | -29.02 | 74 | 60.72 | 37.04 | 13.53 | 66.31 | - | - | P | V |
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| WIFI Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) |
|---|------|-------------------|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|
| 802.11ax HE40 Full CH 06 2437MHz | | 4874 | 42.88 | -31.12 | 74 | 65.53 | 32.65 | 11.29 | 66.59 | - | - | P | H |
| | | 7311 | 43.37 | -30.63 | 74 | 59.37 | 36.88 | 13.45 | 66.33 | - | - | P | H |
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| | | | 4874 | 42.03 | -31.97 | 74 | 64.68 | 32.65 | 11.29 | 66.59 | - | - | P |
| | | 7311 | 43.63 | -30.37 | 74 | 59.63 | 36.88 | 13.45 | 66.33 | - | - | P | V |
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| WiFi Ant. 6+7 | Note | Frequency (MHz) | Level (dBμV/m) | Margin (dB) | Limit Line (dBμV/m) | Read Level (dBμV) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. (H/V) | |
|---|---|--|------------------|---------------|-----------------------|---------------------|-------------------------|------------------|----------------------|----------------|-------------------|-------------------|--------------|--|
| 802.11ax HE40 Full CH 09 2452MHz | | 4904 | 41.36 | -32.64 | 74 | 63.89 | 32.71 | 11.32 | 66.56 | - | - | P | H | |
| | | 7356 | 43.63 | -30.37 | 74 | 59.82 | 36.78 | 13.38 | 66.35 | - | - | P | H | |
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| | | | | | | | | | | | | | H | |
| | Remark | 1. No other spurious found. | | | | | | | | | | | | |
| | | 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |
| | 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. | | | | | | | | | | | | | |



2.4GHz 2400~2483.5MHz
WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

Table with 14 columns: WIFI Ant. 6+7, Note, Frequency (MHz), Level (dBµV/m), Margin (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include test data for 802.11ax HE40 Partial 242/61 CH 03 2422MHz and 802.11ax HE40 Partial 242/62 CH 09 2452MHz, plus a Remark section.



Emission above 18GHz

2.4GHz WIFI 802.11ax HE20 (SHF)

| WIFI | Note | Frequency | Level | Margin | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|-----------------------------------|---|-----------|------------|--------|------------|--------|----------|--------|--------|--------|---------|-------|-------|
| Ant. | | | | | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 6+7 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) |
| 2.4GHz 802.11ax HE20 SHF | | 25736 | 38.08 | -35.92 | 74 | 54.85 | 39.07 | -2.54 | 53.3 | - | - | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
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| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | 24848 | 38.71 | -35.29 | 74 | 55.48 | 39.16 | -2.57 | 53.36 | - | - | P |
| | | | | | | | | | | | | | V |
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| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. | | | | | | | | | | | | |



**Emission below 1GHz
2.4GHz WIFI 802.11ax HE20 (LF)**

| WIFI | Note | Frequency | Level | Margin | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. | |
|--|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|---|
| Ant. | | | | | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | | |
| 6+7 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 2.4GHz 802.11ax HE20 LF | | 32.16 | 21.81 | -18.19 | 40 | 30.37 | 23.39 | 0.5 | 32.45 | - | - | P | H | |
| | | 182.28 | 22.62 | -20.88 | 43.5 | 37.93 | 14.96 | 2.08 | 32.35 | - | - | P | H | |
| | | 264.09 | 20.9 | -25.1 | 46 | 30.74 | 20.08 | 2.5 | 32.42 | - | - | P | H | |
| | | 557.6 | 27.07 | -18.93 | 46 | 30.28 | 25.72 | 3.64 | 32.57 | - | - | P | H | |
| | | 751.5 | 30.21 | -15.79 | 46 | 30.85 | 27.61 | 4.26 | 32.51 | - | - | P | H | |
| | | 903.4 | 34.28 | -11.72 | 46 | 32.85 | 28.65 | 4.68 | 31.9 | - | - | P | H | |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | | H |
| | | | 34.32 | 28.17 | -11.83 | 40 | 37.7 | 22.37 | 0.56 | 32.46 | - | - | P | V |
| | | | 188.22 | 27.62 | -15.88 | 43.5 | 42.97 | 14.9 | 2.11 | 32.36 | - | - | P | V |
| | | | 256.8 | 20.72 | -25.28 | 46 | 31.26 | 19.41 | 2.47 | 32.42 | - | - | P | V |
| | | | 453.3 | 25.69 | -20.31 | 46 | 31.82 | 23.11 | 3.28 | 32.52 | - | - | P | V |
| | | | 652.1 | 28.53 | -17.47 | 46 | 31.21 | 25.98 | 3.95 | 32.61 | - | - | P | V |
| | | | 937.7 | 32.34 | -13.66 | 46 | 29.41 | 29.78 | 4.77 | 31.62 | - | - | P | V |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |
| | | | | | | | | | | | | | V | |

Remark

- No other spurious found.
- All results are PASS against limit line.
- The emission position marked as "-" means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.



Note symbol

| | |
|-----|--|
| * | Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency. |
| ! | Test result is Margin limit line. |
| P/A | Peak or Average |
| H/V | Horizontal or Vertical |



A calculation example for radiated spurious emission is shown as below:

| WIFI | Note | Frequency | Level | Margin | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---------|------|-----------|------------|--------|------------|----------|----------|--------|--------|--------|---------|---------|---------|
| Ant. | | | | | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 6+7 | | (MHz) | (dBμV/m) | (dB) | (dBμV/m) | (dBμV) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) |
| 802.11b | | 2390 | 55.45 | -18.55 | 74 | 54.51 | 32.22 | 4.58 | 35.86 | 103 | 308 | P | H |
| CH 01 | | | | | | | | | | | | | |
| 2412MHz | | 2390 | 43.54 | -10.46 | 54 | 42.6 | 32.22 | 4.58 | 35.86 | 103 | 308 | A | H |

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =
Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Margin(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)
= 55.45 (dBμV/m)
2. Margin(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 55.45(dBμV/m) – 74(dBμV/m)
= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)
= 43.54 (dBμV/m)
2. Margin(dB)
= Level(dBμV/m) – Limit Line(dBμV/m)
= 43.54(dBμV/m) – 54(dBμV/m)
= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.



Appendix D. Radiated Spurious Emission Plots

| | | | |
|-----------------|-----------------------------------|---------------------|---------|
| Test Engineer : | Jack Tasi, Gary Guo and Steven Wu | Temperature : | 20~25°C |
| | | Relative Humidity : | 50~65% |

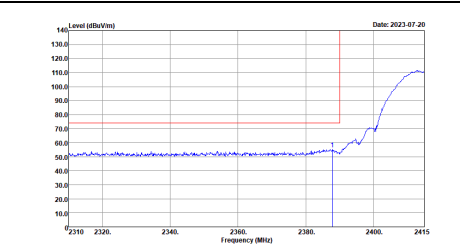
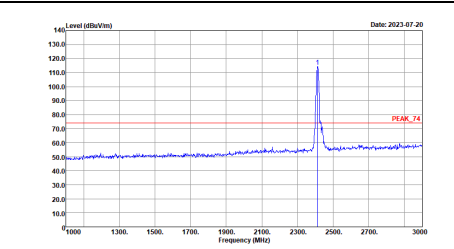
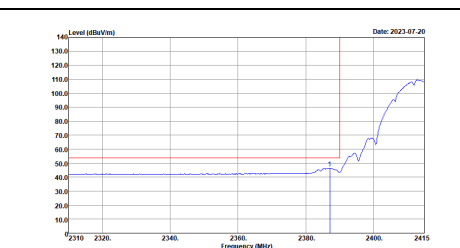
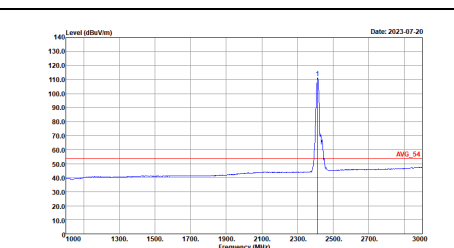
Note symbol

| | |
|----|-----------------------|
| -L | Low channel location |
| -R | High channel location |

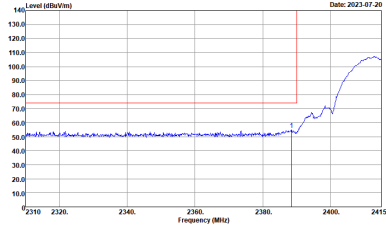
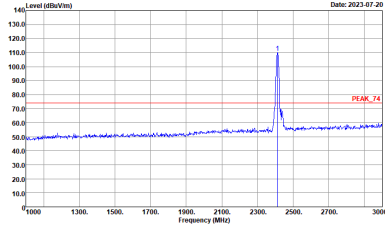
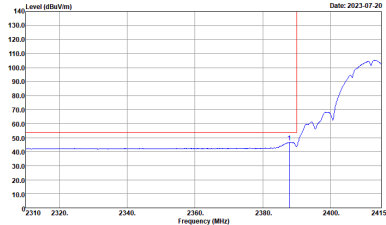
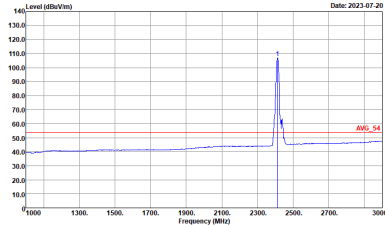


2.4GHz 2400~2483.5MHz

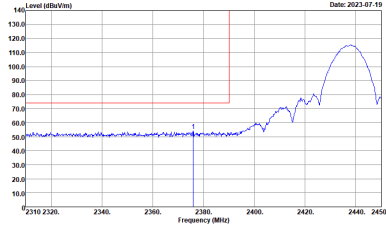
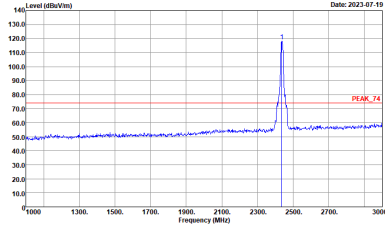
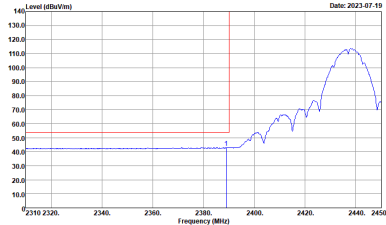
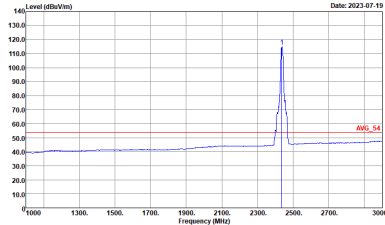
WIFI 802.11b (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|---|
| ANT | 802.11b CH01 2412MHz | |
| 6+7 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.0000kHz VBW:3000.0000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.0000kHz VBW:0.1800kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.0000kHz VBW:0.1800kHz SWT:Auto</p> |



| | | |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11b CH01 2412MHz | |
| 6+7 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.180kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.180kHz SWT:Auto</p> |

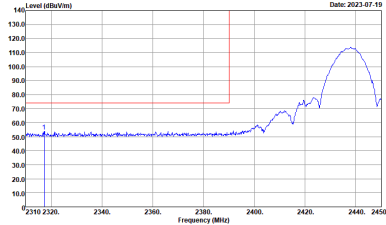
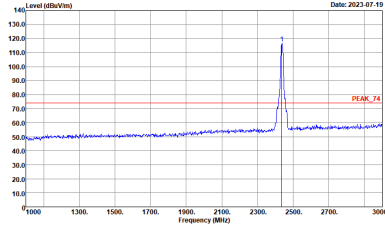
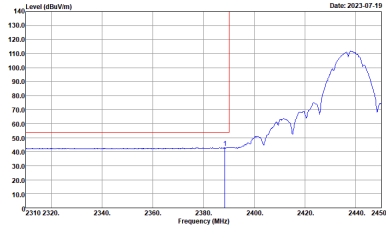
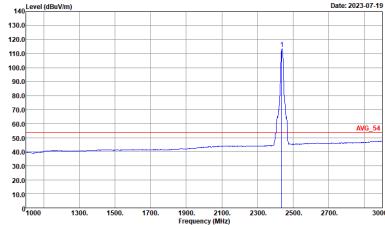


| | | |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11b CH06 2437MHz - L | |
| 6+7 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.180kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.180kHz SWT:Auto</p> |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|-------------|
| ANT | 802.11b CH06 2437MHz - R | |
| 6+7 | Horizontal | Fundamental |
| Peak | <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> | Left blank |
| Avg. | <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.180kHz SWT:Auto</p> | Left blank |

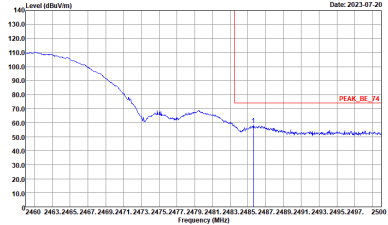
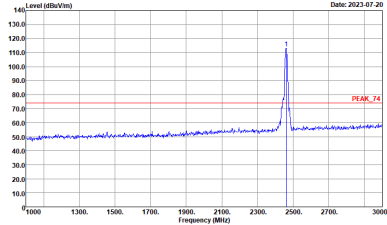
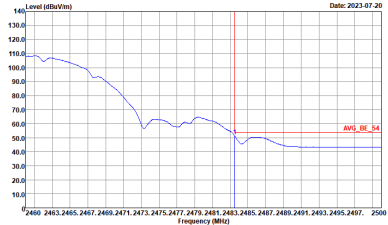
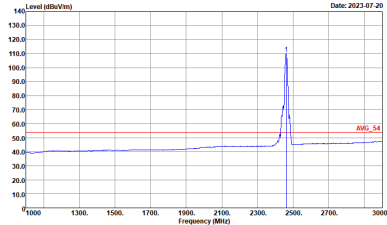


| | | |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11b CH06 2437MHz - L | |
| 6+7 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.180kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.180kHz SWT:Auto</p> |

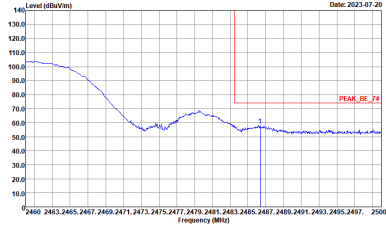
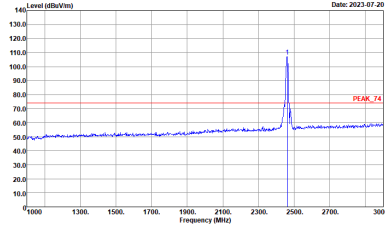
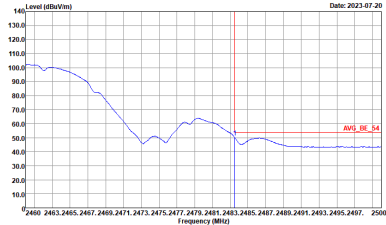
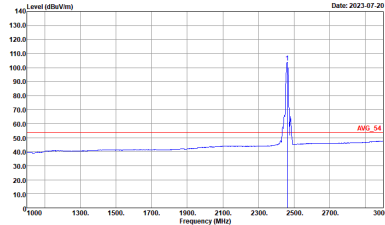


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|-------------|
| ANT | 802.11b CH06 2437MHz - R | |
| 6+7 | Vertical | Fundamental |
| Peak | <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p> | Left blank |
| Avg. | <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.0000Hz VBW:0.1800Hz SWT:Auto</p> | Left blank |



| | | |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11b CH11 2462MHz | |
| 6+7 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.180kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.180kHz SWT:Auto</p> |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|---|
| ANT | 802.11b CH11 2462MHz | |
| 6+7 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.180kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.180kHz SWT:Auto</p> |



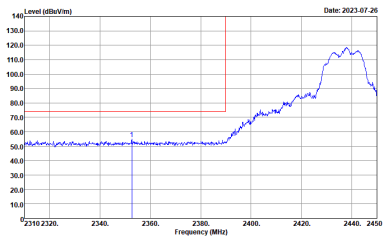
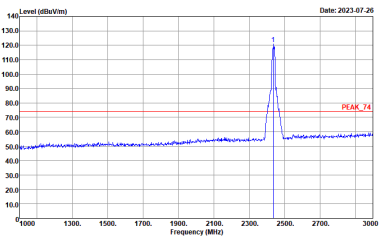
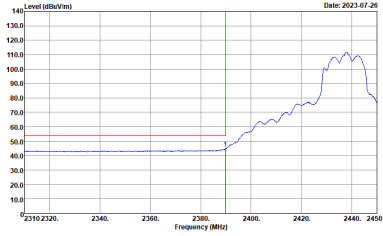
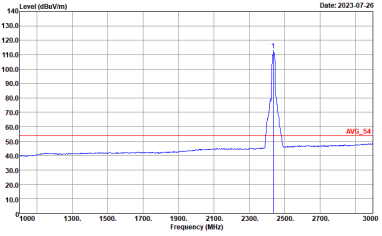
2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

Table with 4 columns: WIFI, ANT, 6+7, and two sub-columns for Horizontal and Fundamental. Rows are labeled Peak and Avg. Each cell contains a spectral plot and technical details like Site and Condition.



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|--|
| ANT | 802.11g CH01 2412MHz | |
| 6+7 | Vertical | Fundamental |
| Peak | <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> | <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.620kHz SWT:Auto</p> | <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.620kHz SWT:Auto</p> |

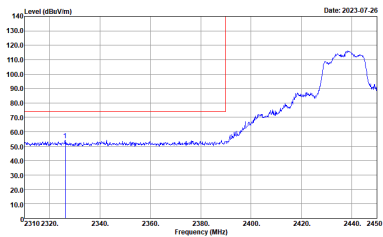
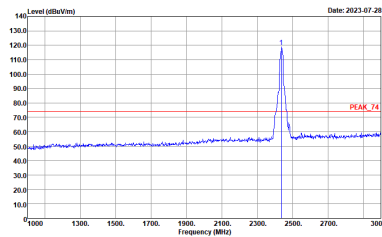
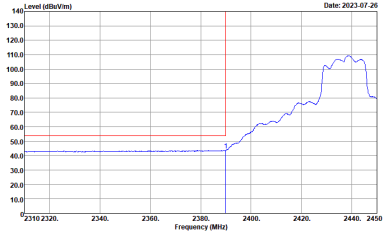
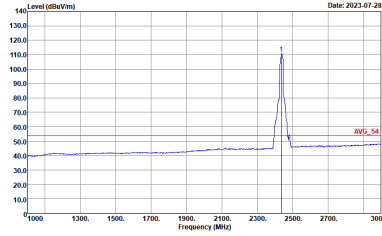


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|---|
| ANT | 802.11g CH06 2437MHz - L | |
| 6+7 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.620KHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.620KHz SWT:Auto</p> |

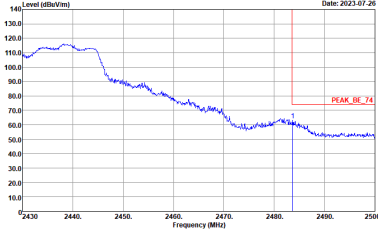
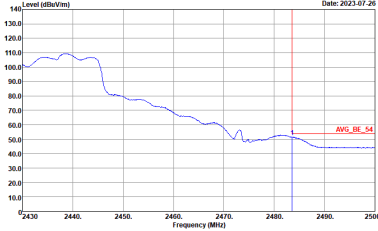


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|-------------|
| ANT | 802.11g CH06 2437MHz - R | |
| 6+7 | Horizontal | Fundamental |
| Peak | <p>Site : 03CH16-HY Condition : :PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank |
| Avg. | <p>Site : 03CH16-HY Condition : :AVG_BE_54 3m 91200_1522_230323 HORIZONTAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank |

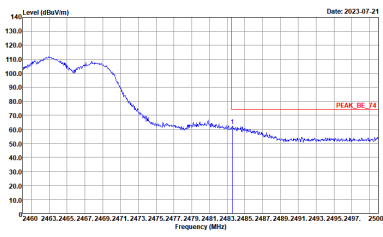
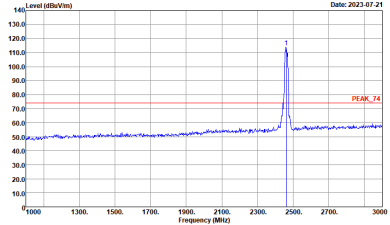
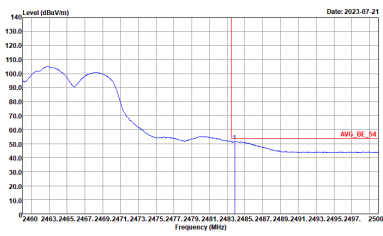
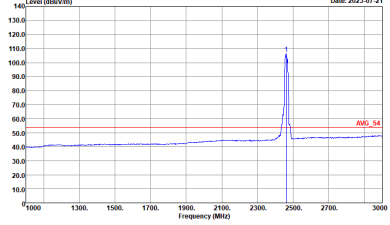


| | | |
|------|--|--|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11g CH06 2437MHz - L | |
| 6+7 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL :RBW:1000.000KHz VBW:0.620KHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL :RBW:1000.000KHz VBW:0.620KHz SWT:Auto</p> |

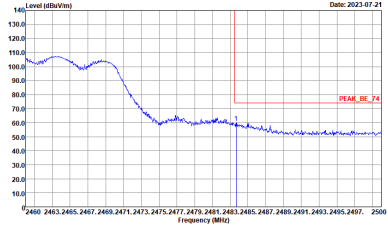
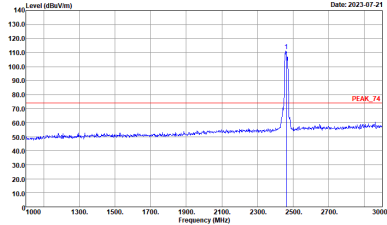
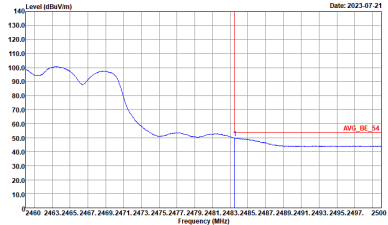
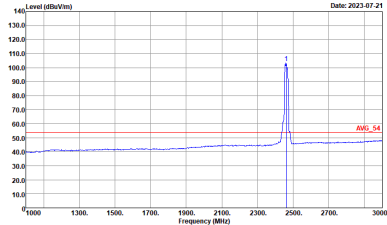


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|-------------|---|-------------|
| ANT | 802.11g CH06 2437MHz - R | |
| 6+7 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left Blank |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.520KHz SWT:Auto</p> | Left Blank |



| | | |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11g CH11 2462MHz | |
| 6+7 | Horizontal | Fundamental |
| Peak |  <p>Site Condition : 03CH16-HY : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site Condition : 03CH16-HY : PEAK_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site Condition : 03CH16-HY : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.620kHz SWT:Auto</p> |  <p>Site Condition : 03CH16-HY : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.620kHz SWT:Auto</p> |

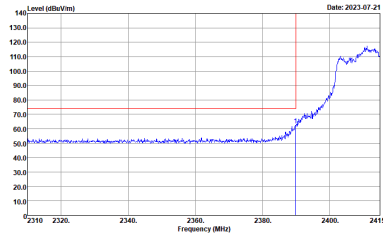
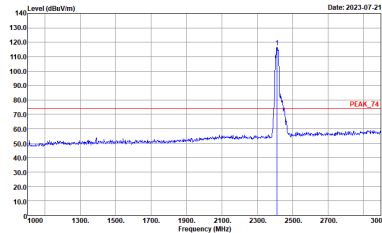
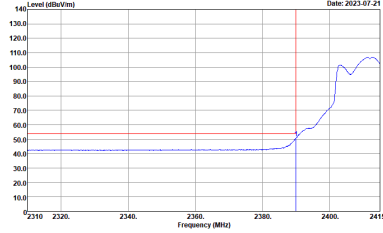
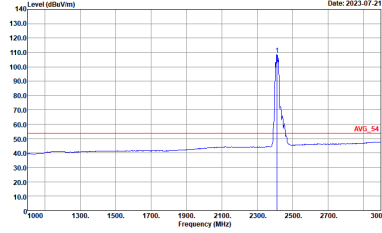


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|---|
| ANT | 802.11g CH11 2462MHz | |
| 6+7 | Vertical | Fundamental |
| Peak |  <p>Date: 2023-07-21</p> <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Date: 2023-07-21</p> <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Date: 2023-07-21</p> <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.620kHz SWT:Auto</p> |  <p>Date: 2023-07-21</p> <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.620kHz SWT:Auto</p> |

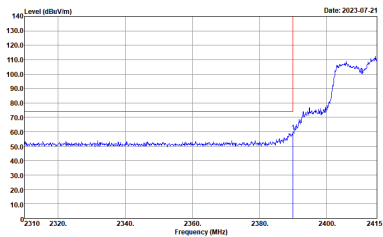
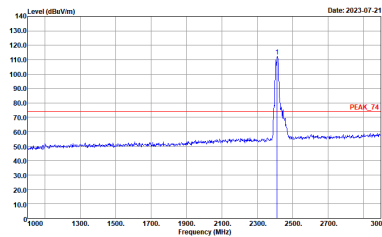
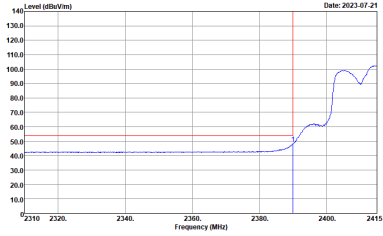
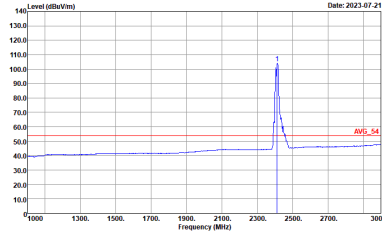


2.4GHz 2400~2483.5MHz

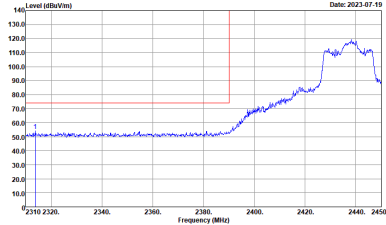
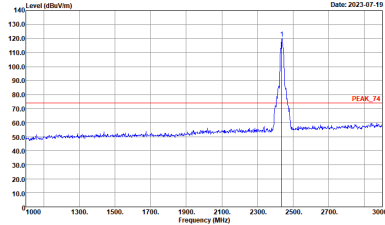
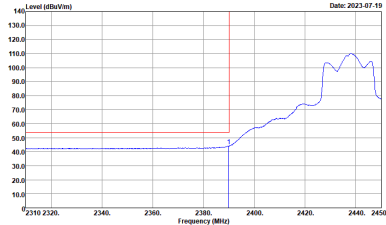
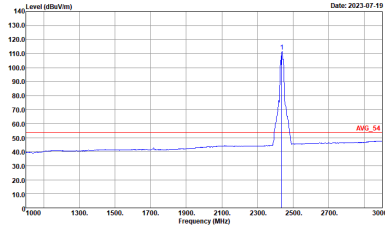
WIFI 802.11ax HE20 Full (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|---|
| ANT | 802.11ax HE20 Full CH01 2412MHz | |
| 6+7 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.270KHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.270KHz SWT:Auto</p> |

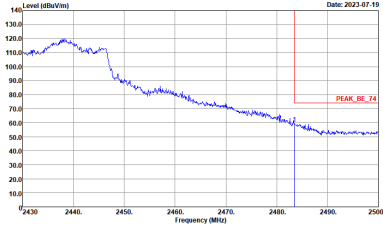
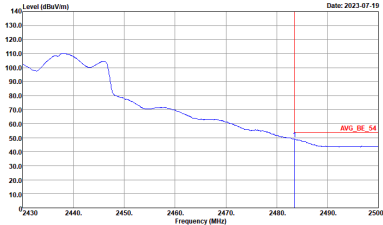


| | | |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ax HE20 Full CH01 2412MHz | |
| 6+7 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.270KHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.270KHz SWT:Auto</p> |

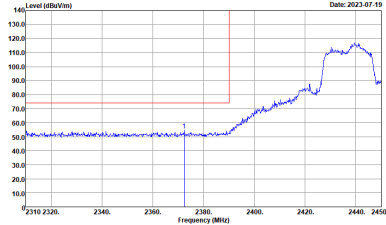
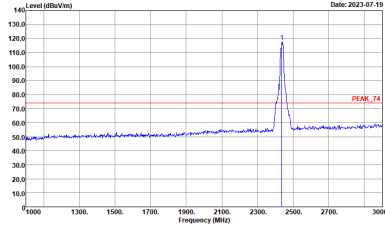
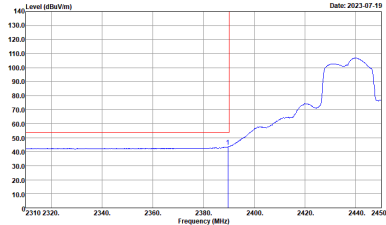
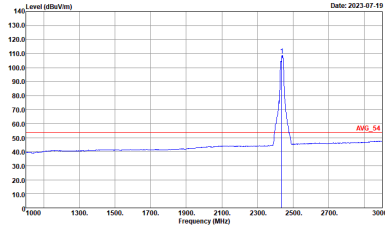


| | | |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ax HE20 Full CH06 2437MHz - L | |
| 6+7 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.270kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.270kHz SWT:Auto</p> |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|--------------------|---|-------------------|
| ANT | 802.11ax HE20 Full CH06 2437MHz - R | |
| 6+7 | Horizontal | Fundamental |
| <p>Peak</p> |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> | <p>Left blank</p> |
| <p>Avg.</p> |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:12700Hz SWT:Auto</p> | <p>Left blank</p> |

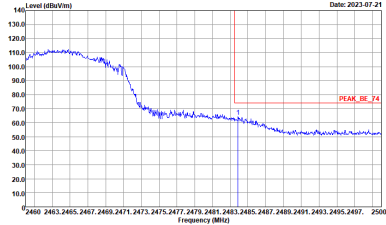
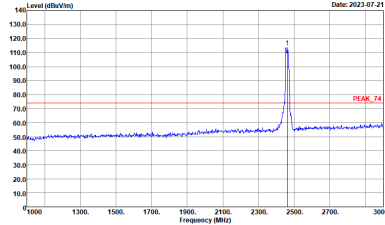
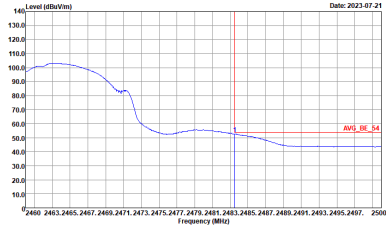
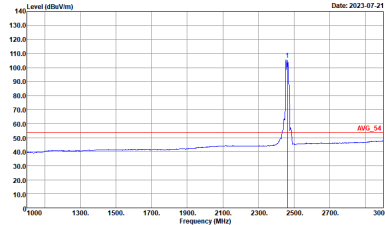


| | | |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ax HE20 Full CH06 2437MHz - L | |
| 6+7 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.270kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.270kHz SWT:Auto</p> |

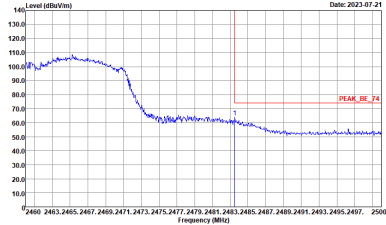
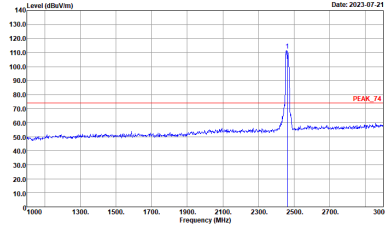
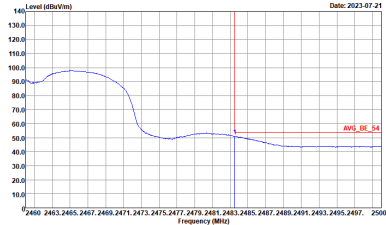
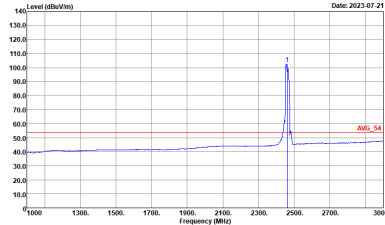


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|-------------|
| ANT | 802.11ax HE20 Full CH06 2437MHz - R | |
| 6+7 | Vertical | Fundamental |
| Peak | <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p> | Left blank |
| Avg. | <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.0000Hz VBW:0.2700Hz SWT:Auto</p> | Left blank |



| | | |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ax HE20 Full CH11 2462MHz | |
| 6+7 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.270kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.270kHz SWT:Auto</p> |

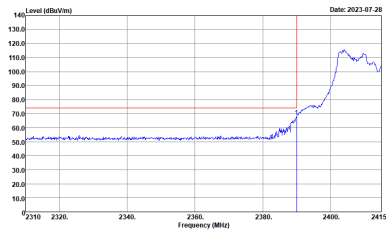
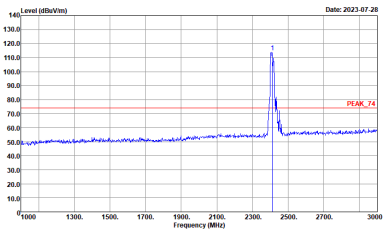
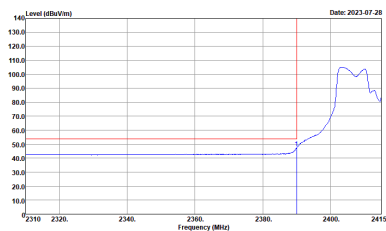
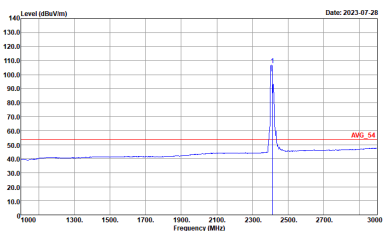


| | | |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ax HE20 Full CH11 2462MHz | |
| 6+7 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.270kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.270kHz SWT:Auto</p> |

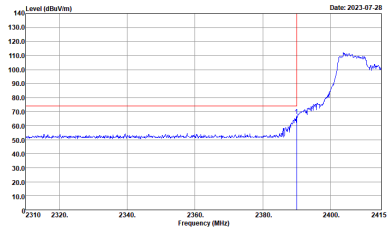
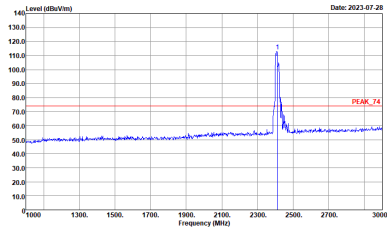
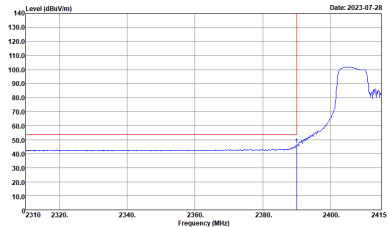
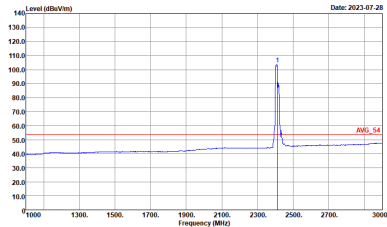


2.4GHz 2400~2483.5MHz

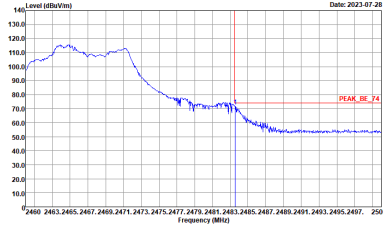
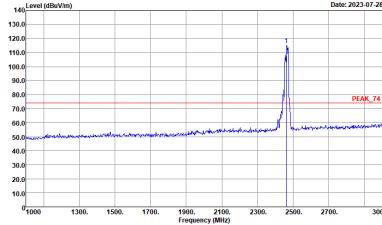
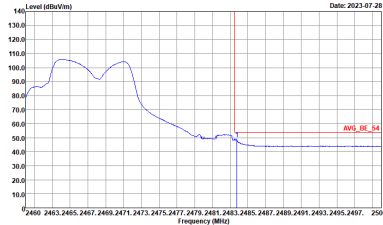
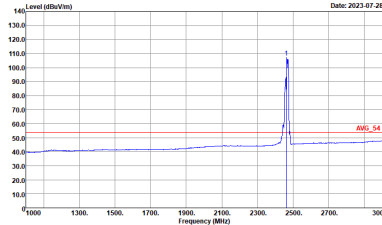
WIFI 802.11ax HE20 Partial 106 (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|---|
| ANT | 802.11ax HE20 Partial 106/53 CH01 2412MHz | |
| 6+7 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.0000Hz VBW:0.2700Hz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.0000Hz VBW:0.2700Hz SWT:Auto</p> |

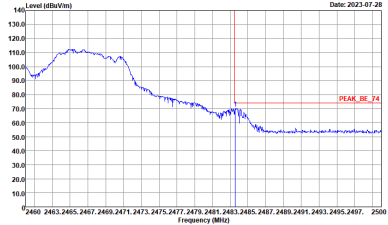
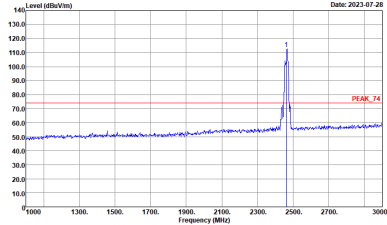
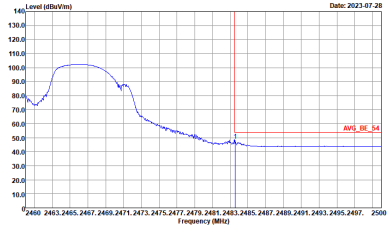
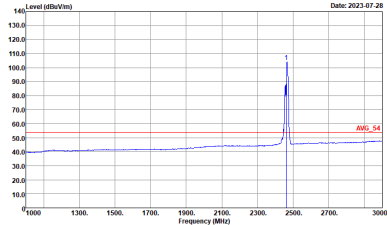


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|---|
| ANT | 802.11ax HE20 Partial 106/53 CH01 2412MHz | |
| 6+7 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.270kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.270kHz SWT:Auto</p> |



| | | |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ax HE20 Partial 106/54 CH11 2462MHz | |
| 6+7 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.270kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.270kHz SWT:Auto</p> |

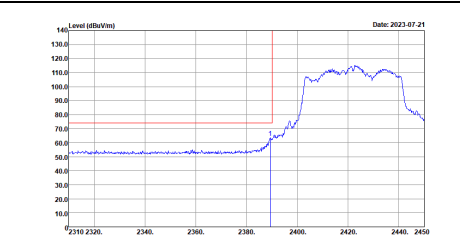
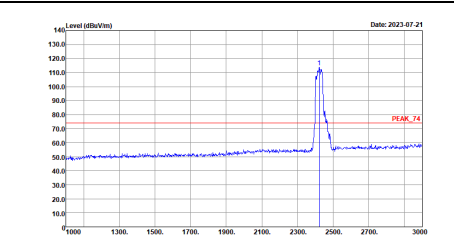
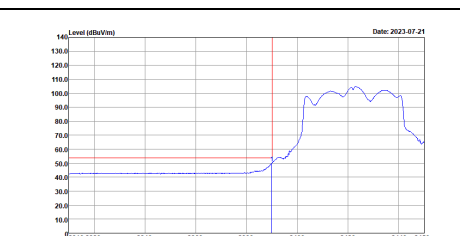
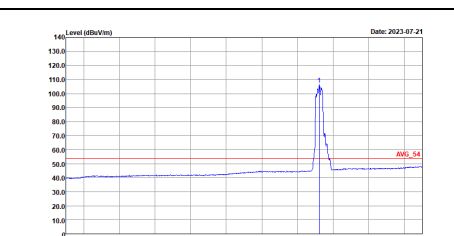


| | | |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ax HE20 Partial 106/54 CH11 2462MHz | |
| 6+7 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.270kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.270kHz SWT:Auto</p> |

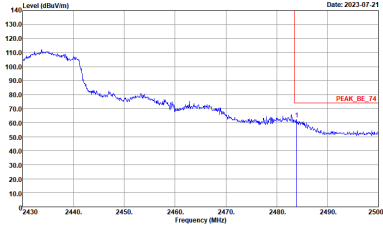
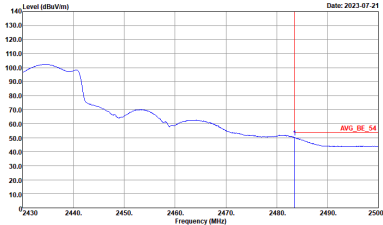


2.4GHz 2400~2483.5MHz

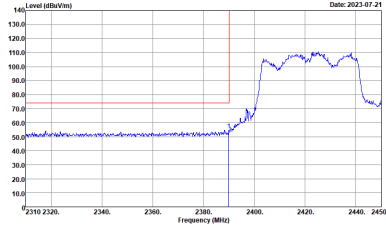
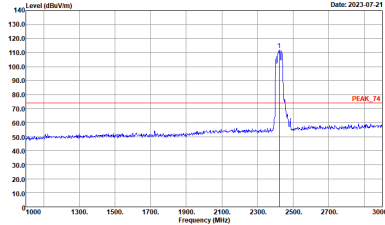
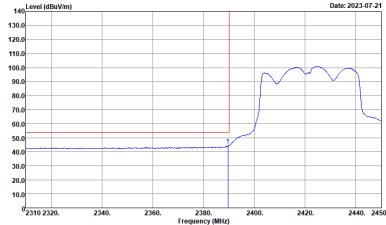
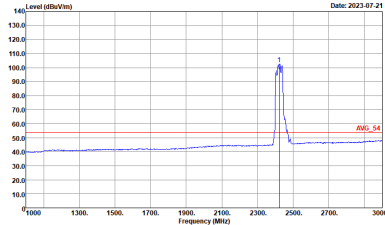
WIFI 802.11ax HE40 Full (Band Edge @ 3m)

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|---|
| ANT | 802.11ax HE40 Full CH03 2422MHz - L | |
| 6+7 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.560kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.560kHz SWT:Auto</p> |

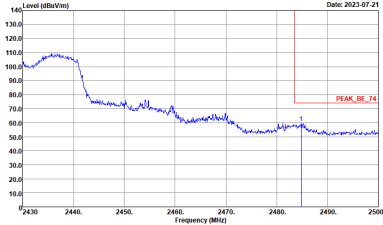
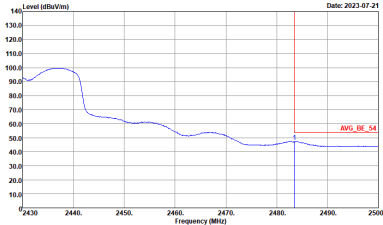


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|--------------------|---|-------------------|
| ANT | 802.11ax HE40 Full CH03 2422MHz - R | |
| 6+7 | Horizontal | Fundamental |
| <p>Peak</p> |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> | <p>Left blank</p> |
| <p>Avg.</p> |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.550kHz SWT:Auto</p> | <p>Left blank</p> |

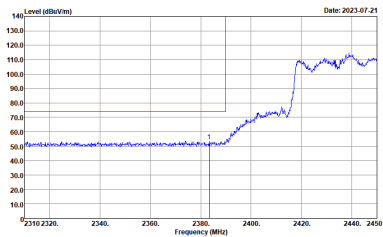
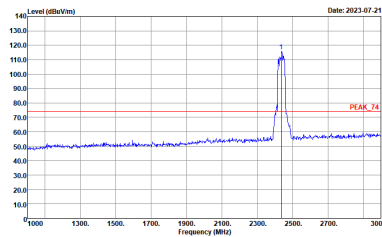
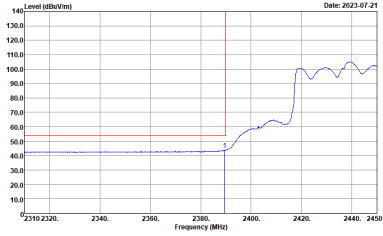
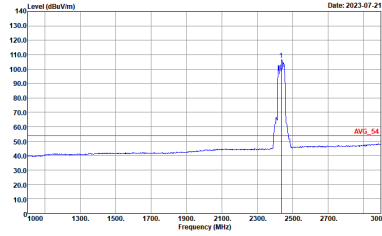


| | | |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ax HE40 Full CH03 2422MHz - L | |
| 6+7 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.560kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.560kHz SWT:Auto</p> |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|--------------------|---|-------------------|
| ANT | 802.11ax HE40 Full CH03 2422MHz - R | |
| 6+7 | Vertical | Fundamental |
| <p>Peak</p> |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p> | <p>Left blank</p> |
| <p>Avg.</p> |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.0000Hz VBW:0.5500Hz SWT:Auto</p> | <p>Left blank</p> |



| | | |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ax HE40 Full CH06 2437MHz - L | |
| 6+7 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.560KHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.560KHz SWT:Auto</p> |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|-------------|
| ANT | 802.11ax HE40 Full CH06 2437MHz - R | |
| 6+7 | Horizontal | Fundamental |
| Peak | <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank |
| Avg. | <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.560KHz SWT:Auto</p> | Left blank |

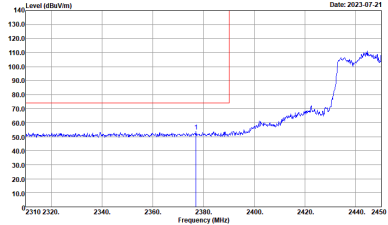
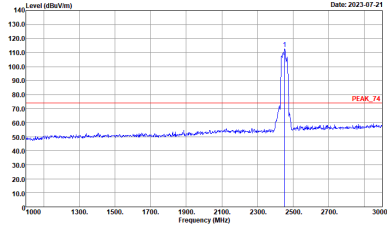
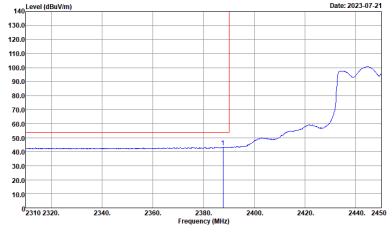
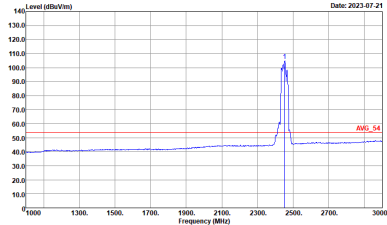


| | | |
|------|--|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ax HE40 Full CH06 2437MHz - L | |
| 6+7 | Vertical | Fundamental |
| Peak | <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL :RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL :RBW:1000.000KHz VBW:0.560KHz SWT:Auto</p> | <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL :RBW:1000.000KHz VBW:0.560KHz SWT:Auto</p> |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|-------------|
| ANT | 802.11ax HE40 Full CH06 2437MHz - R | |
| 6+7 | Vertical | Fundamental |
| Peak | <p>Site : 03CH16-HY Condition : :PEAK_BE_74 3m 91200_1522_230323 VERTICAL :RBW:1000.000kHz, VBW:3000.000kHz, SWT:Auto</p> | Left blank |
| Avg. | <p>Site : 03CH16-HY Condition : :AVG_BE_54 3m 91200_1522_230323 VERTICAL :RBW:1000.000kHz, VBW:0.560kHz, SWT:Auto</p> | Left blank |

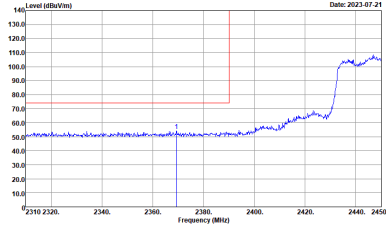
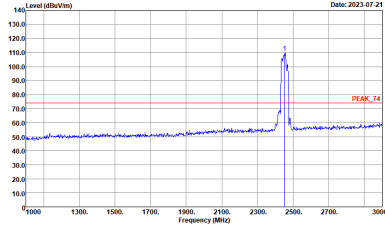
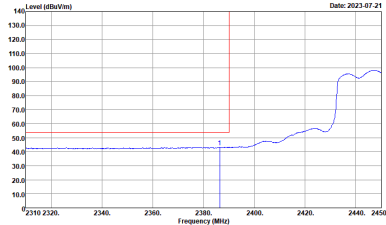
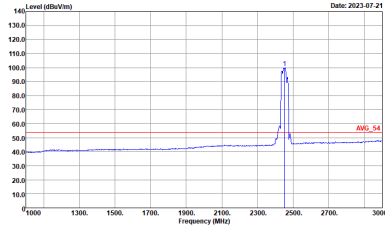


| | | |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ax HE40 Full CH09 2452MHz - L | |
| 6+7 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.560kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.560kHz SWT:Auto</p> |

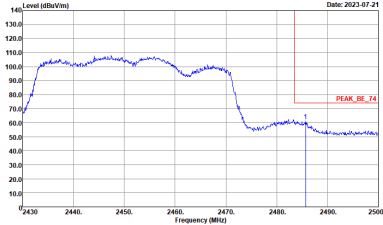
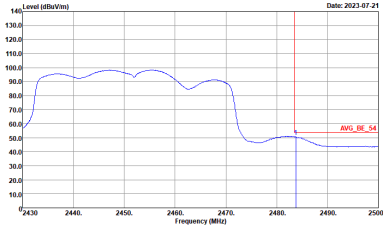


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|-------------|
| ANT | 802.11ax HE40 Full CH09 2452MHz - R | |
| 6+7 | Horizontal | Fundamental |
| Peak | <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> | Left blank |
| Avg. | <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000kHz VBW:0.550kHz SWT:Auto</p> | Left blank |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|---|
| ANT | 802.11ax HE40 Full CH09 2452MHz - L | |
| 6+7 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto</p> |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.560kHz SWT:Auto</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000kHz VBW:0.560kHz SWT:Auto</p> |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|--------------------|---|-------------------|
| ANT | 802.11ax HE40 Full CH09 2452MHz - R | |
| 6+7 | Vertical | Fundamental |
| <p>Peak</p> |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto</p> | <p>Left blank</p> |
| <p>Avg.</p> |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.0000Hz VBW:0.5500Hz SWT:Auto</p> | <p>Left blank</p> |



2.4GHz 2400~2483.5MHz

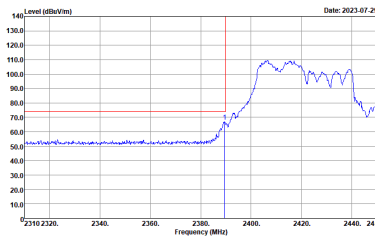
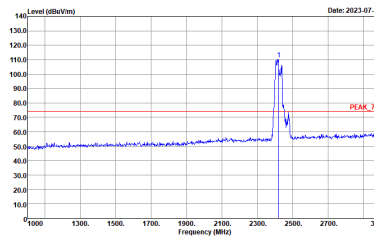
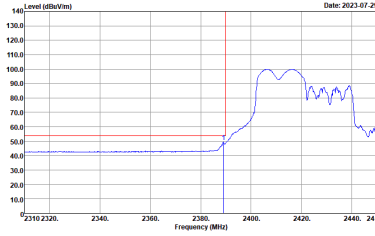
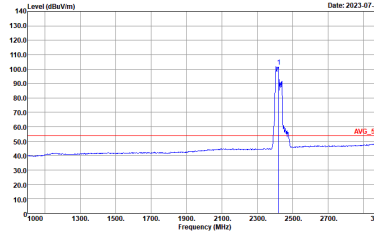
WIFI 802.11ax HE40 Partial 242 (Band Edge @ 3m)

| | | |
|------|---|--|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ax HE40 Partial 242/61 CH03 2422MHz - L | |
| 6+7 | Horizontal | Fundamental |
| Peak | <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. | <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.620KHz SWT:Auto</p> | <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.620KHz SWT:Auto</p> |

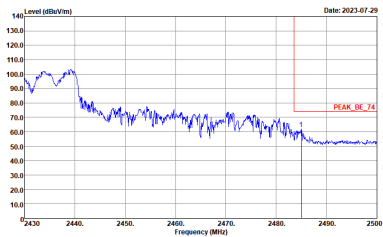
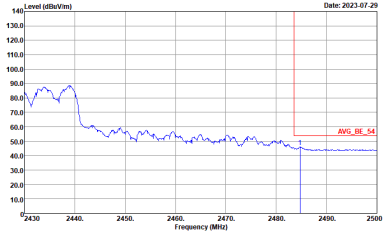


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|-------------|
| ANT | 802.11ax HE40 Partial 242/61 CH03 2422MHz - R | |
| 6+7 | Horizontal | Fundamental |
| Peak | <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank |
| Avg. | <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.520KHz SWT:Auto</p> | Left blank |

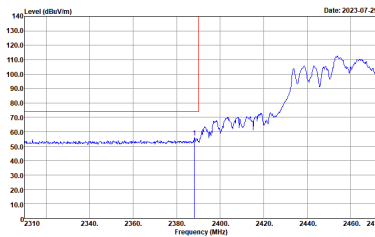
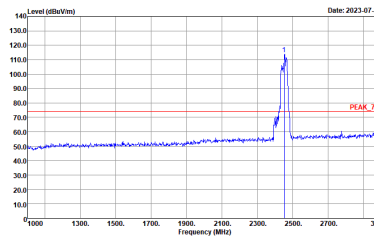
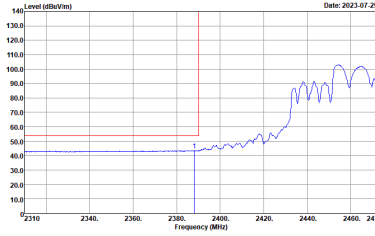
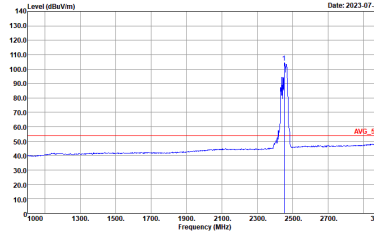


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|---|
| ANT | 802.11ax HE40 Partial 242/61 CH03 2422MHz - L | |
| 6+7 | Vertical | Fundamental |
| Peak |  <p>Date: 2023-07-29</p> <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Date: 2023-07-29</p> <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Date: 2023-07-29</p> <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.620KHz SWT:Auto</p> |  <p>Date: 2023-07-29</p> <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.620KHz SWT:Auto</p> |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|--------------------|---|-------------------|
| ANT | 802.11ax HE40 Partial 242/61 CH03 2422MHz - R | |
| 6+7 | Vertical | Fundamental |
| <p>Peak</p> |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | <p>Left blank</p> |
| <p>Avg.</p> |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.520KHz SWT:Auto</p> | <p>Left blank</p> |

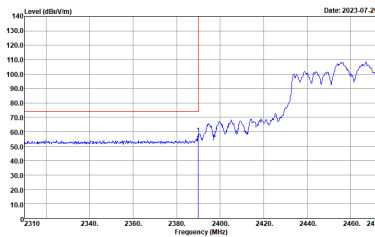
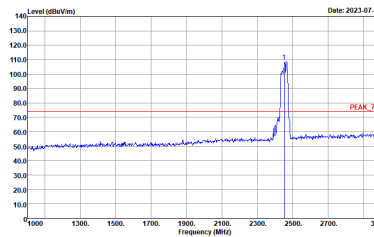
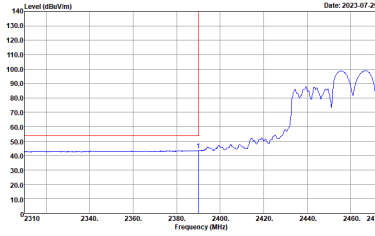
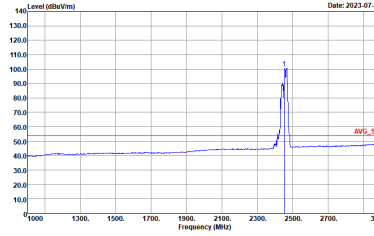


| | | |
|------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ax HE40 Partial 242/62 CH09 2452MHz - L | |
| 6+7 | Horizontal | Fundamental |
| Peak |  <p>Date: 2023-07-29</p> <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Date: 2023-07-29</p> <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Date: 2023-07-29</p> <p>Site : 03CH16-HY Condition : AV6_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.620KHz SWT:Auto</p> |  <p>Date: 2023-07-29</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.620KHz SWT:Auto</p> |

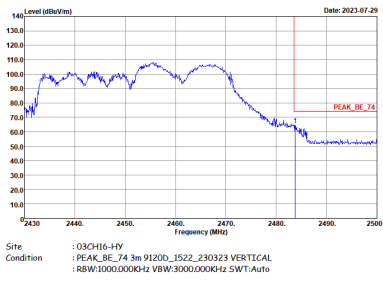
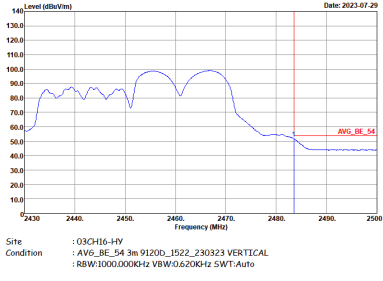


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|-------------|
| ANT | 802.11ax HE40 Partial 242/62 CH09 2452MHz - R | |
| 6+7 | Horizontal | Fundamental |
| Peak | <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank |
| Avg. | <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 HORIZONTAL : RBW:1000.000KHz VBW:0.520KHz SWT:Auto</p> | Left blank |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|---|
| ANT | 802.11ax HE40 Partial 242/62 CH09 2452MHz - L | |
| 6+7 | Vertical | Fundamental |
| Peak |  <p>Date: 2023-07-29</p> <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |  <p>Date: 2023-07-29</p> <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> |
| Avg. |  <p>Date: 2023-07-29</p> <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.620KHz SWT:Auto</p> |  <p>Date: 2023-07-29</p> <p>Site : 03CH16-HY Condition : AVG_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:0.620KHz SWT:Auto</p> |



| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|-------------|
| ANT | 802.11ax HE40 Partial 242/62 CH09 2452MHz - R | |
| 6+7 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH16-HY Condition : PEAK_BE_74 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto</p> | Left blank |
| Avg. |  <p>Site : 03CH16-HY Condition : AVG_BE_54 3m 91200_1522_230323 VERTICAL : RBW:1000.000KHz VBW:6.200KHz SWT:Auto</p> | Left blank |



2.4GHz 2400~2483.5MHz

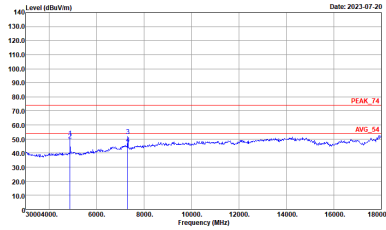
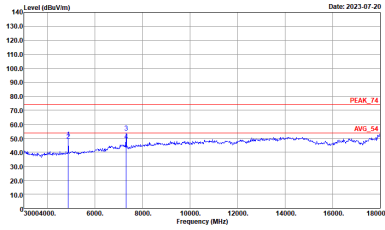
WIFI 802.11b (Harmonic @ 3m)

| | | |
|--------------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11b CH01 2412MHz | |
| 6+7 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL</p> | <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL</p> |



| | | |
|-----------------------------------|--|--|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11b CH01 2412MHz | |
| 6+7 | Horizontal | Vertical |
| <p>14.47G ~14.5G Avg.</p> | <p>Site : 03CH16-1Y Condition : AV6_54 3m 9120D_1522_230323 HORIZONTAL</p> | <p>Site : 03CH16-1Y Condition : AV6_54 3m 9120D_1522_230323 HORIZONTAL</p> |
| <p>17.7G ~18G Avg.</p> | <p>Site : 03CH16-1Y Condition : AV6_54 3m 9120D_1522_230323 VERTICAL</p> | <p>Site : 03CH16-1Y Condition : AV6_54 3m 9120D_1522_230323 VERTICAL</p> |

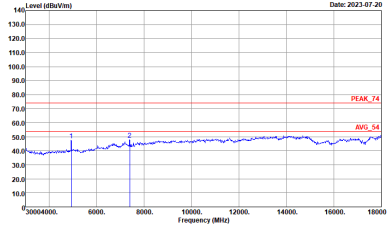
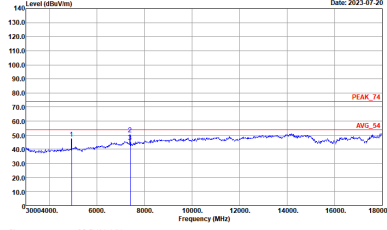


| | | |
|-------------------------|---|--|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11b CH06 2437MHz | |
| 6+7 | Horizontal | Vertical |
| <p>Peak</p> <p>Avg.</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL</p> |



| | | |
|-----------------------------------|--|--|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11b CH06 2437MHz | |
| 6+7 | Horizontal | Vertical |
| <p>14.47G ~14.5G Avg.</p> | <p>Date: 2023-07-20</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 HORIZONTAL</p> | <p>Date: 2023-07-20</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 HORIZONTAL</p> |
| <p>17.7G ~18G Avg.</p> | <p>Date: 2023-07-20</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 VERTICAL</p> | <p>Date: 2023-07-20</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 VERTICAL</p> |



| | | |
|-------------------------|---|--|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11b CH11 2462MHz | |
| 6+7 | Horizontal | Vertical |
| <p>Peak</p> <p>Avg.</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL</p> |  <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL</p> |



| | | |
|-----------------------------------|--|--|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11b CH11 2462MHz | |
| 6+7 | Horizontal | Vertical |
| <p>14.47G ~14.5G Avg.</p> | <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 HORIZONTAL</p> | <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 HORIZONTAL</p> |
| <p>17.7G ~18G Avg.</p> | <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 VERTICAL</p> | <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 VERTICAL</p> |



2.4GHz 2400~2483.5MHz
WIFI 802.11g (Harmonic @ 3m)

| | | |
|--------------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11g CH01 2412MHz | |
| 6+7 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL</p> | <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL</p> |

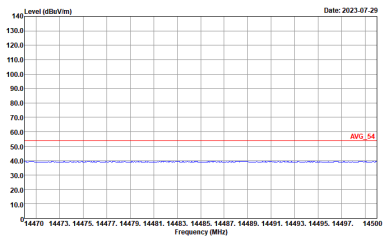
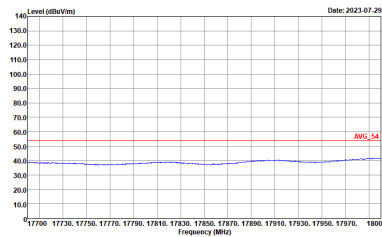
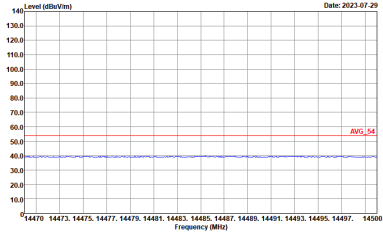
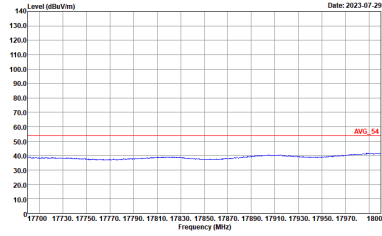


| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|--|--|--|
| ANT | 802.11g CH01 2412MHz | |
| 6+7 | Horizontal | Vertical |
| <p>14.47G ~14.5G Avg.</p> | <p>Date: 2023-07-20</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_230323 HORIZONTAL</p> | <p>Date: 2023-07-20</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_230323 HORIZONTAL</p> |
| <p>17.7G ~18G Avg.</p> | <p>Date: 2023-07-20</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_230323 VERTICAL</p> | <p>Date: 2023-07-20</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_230323 VERTICAL</p> |



| | | |
|--------------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11g CH06 2437MHz | |
| 6+7 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL :</p> | <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL :</p> |



| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|-----------------------------------|--|---|
| ANT | 802.11g CH06 2437MHz | |
| 6+7 | Horizontal | Vertical |
| <p>14.47G ~14.5G Avg.</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522_230323 HORIZONTAL</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522_230323 HORIZONTAL</p> |
| <p>17.7G ~18G Avg.</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522_230323 VERTICAL</p> |  <p>Site : 03CH16-HY Condition : AVG_54 3m 9120D_1522_230323 VERTICAL</p> |



| | | |
|----------------------------|--|--|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11g CH11 2462MHz | |
| 6+7 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH16-11Y Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL</p> | <p>Site : 03CH16-11Y Condition : PEAK_74 3m 91200_1522_230323 VERTICAL</p> |



| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|--|--|--|
| ANT | 802.11g CH11 2462MHz | |
| 6+7 | Horizontal | Vertical |
| <p>14.47G ~14.5G Avg.</p> | <p>Date: 2023-07-24</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 HORIZONTAL</p> | <p>Date: 2023-07-24</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 HORIZONTAL</p> |
| <p>17.7G ~18G Avg.</p> | <p>Date: 2023-07-24</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 VERTICAL</p> | <p>Date: 2023-07-24</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 VERTICAL</p> |



2.4GHz 2400~2483.5MHz

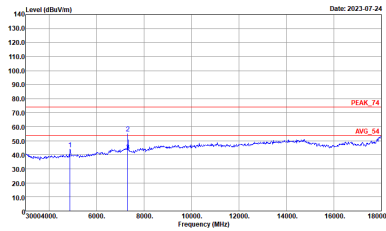
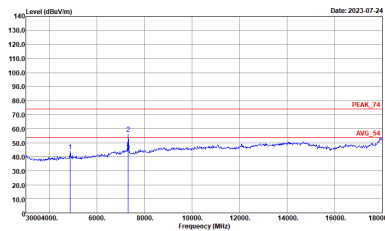
WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

| | | |
|--------------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11 ax HE20 Full CH01 2412MHz | |
| 6+7 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL</p> | <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL</p> |



| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|-----------------------------------|--|--|
| ANT | 802.11 ax HE20 Full CH01 2412MHz | |
| 6+7 | Horizontal | Vertical |
| <p>14.47G ~14.5G Avg.</p> | <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 HORIZONTAL</p> | <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 HORIZONTAL</p> |
| <p>17.7G ~18G Avg.</p> | <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 VERTICAL</p> | <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 VERTICAL</p> |



| | | |
|-------------------------|--|---|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11 ax HE20 Full CH06 2437MHz | |
| 6+7 | Horizontal | Vertical |
| <p>Peak</p> <p>Avg.</p> |  <p>Site : 03CH6-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL</p> |  <p>Site : 03CH6-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL</p> |

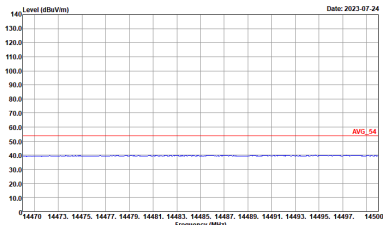
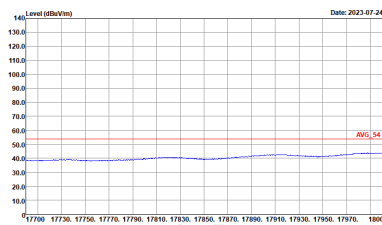
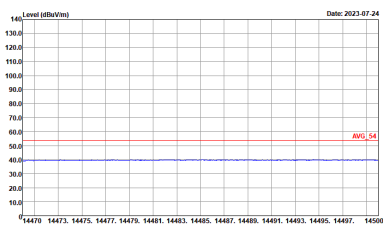
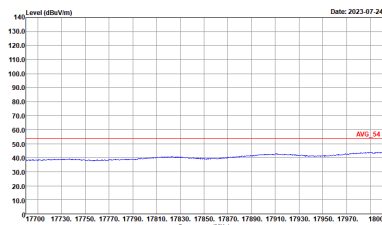


| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|--|--|--|
| ANT | 802.11 ax HE20 Full CH06 2437MHz | |
| 6+7 | Horizontal | Vertical |
| <p>14.47G ~14.5G Avg.</p> | <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_230323 HORIZONTAL</p> | <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_230323 HORIZONTAL</p> |
| <p>17.7G ~18G Avg.</p> | <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_230323 VERTICAL</p> | <p>Site : 03CH16-HY Condition : AV6_54 3m 91200_1522_230323 VERTICAL</p> |



| | | |
|----------------------|--|--|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11 ax HE20 Full CH11 2462MHz | |
| 6+7 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL ..</p> | <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL ..</p> |



| | | |
|-----------------------------------|--|---|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11 ax HE20 Full CH11 2462MHz | |
| 6+7 | Horizontal | Vertical |
| <p>14.47G ~14.5G Avg.</p> |  <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 HORIZONTAL</p> |  <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 HORIZONTAL</p> |
| <p>17.7G ~18G Avg.</p> |  <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 VERTICAL</p> |  <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 VERTICAL</p> |

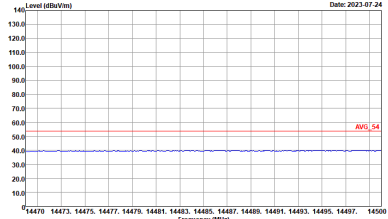
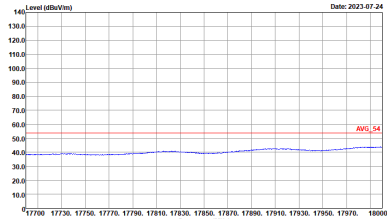
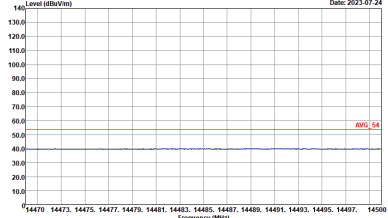
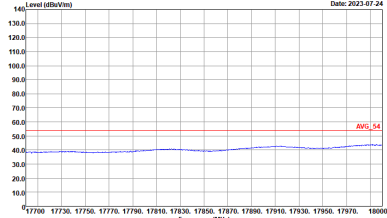


2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE40 Full (Harmonic @ 3m)

| | | |
|--------------|--|--|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11 ax HE40 Full CH03 2422MHz | |
| 6+7 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH6-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL</p> | <p>Site : 03CH6-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL</p> |



| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|--|--|---|
| ANT | 802.11 ax HE40 Full CH03 2422MHz | |
| 6+7 | Horizontal | Vertical |
| <p>14.47G ~14.5G Avg.</p> |  <p>Date: 2023-07-24</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 HORIZONTAL</p> |  <p>Date: 2023-07-24</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 HORIZONTAL</p> |
| <p>17.7G ~18G Avg.</p> |  <p>Date: 2023-07-24</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 VERTICAL</p> |  <p>Date: 2023-07-24</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 VERTICAL</p> |



| | | |
|----------------------------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11 ax HE40 Full CH06 2437MHz | |
| 6+7 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL</p> | <p>Site : 03CH16-HY Condition : PEAK_74 3m 91200_1522_230323 VERTICAL</p> |

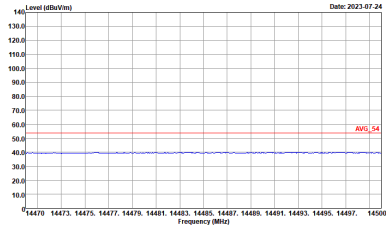
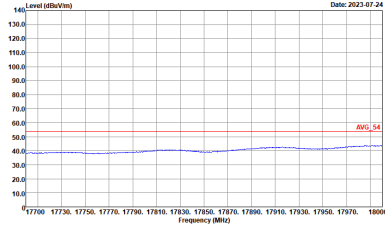
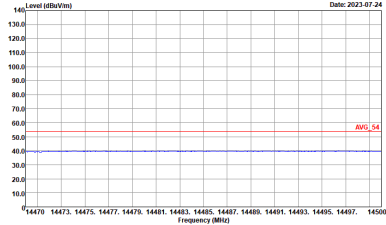
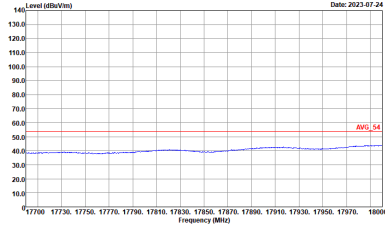


| | | |
|-----------------------------------|--|--|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11 ax HE40 Full CH06 2437MHz | |
| 6+7 | Horizontal | Vertical |
| <p>14.47G ~14.5G Avg.</p> | <p>Date: 2023-07-24</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 HORIZONTAL</p> | <p>Date: 2023-07-24</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 HORIZONTAL</p> |
| <p>17.7G ~18G Avg.</p> | <p>Date: 2023-07-24</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 VERTICAL</p> | <p>Date: 2023-07-24</p> <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_1522_230323 VERTICAL</p> |



| | | |
|----------------------------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11 ax HE40 Full CH09 2452MHz | |
| 6+7 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH16-1Y Condition : PEAK_74 3m 91200_1522_230323 HORIZONTAL</p> | <p>Site : 03CH16-1Y Condition : PEAK_74 3m 91200_1522_230323 VERTICAL</p> |



| | | |
|-----------------------------------|--|---|
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
| ANT | 802.11 ax HE40 Full CH09 2452MHz | |
| 6+7 | Horizontal | Vertical |
| <p>14.47G ~14.5G Avg.</p> |  <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_I522_230323 HORIZONTAL</p> |  <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_I522_230323 HORIZONTAL</p> |
| <p>17.7G ~18G Avg.</p> |  <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_I522_230323 VERTICAL</p> |  <p>Site : 03CH16-HY Condition : AV6_54 3m 9120D_I522_230323 VERTICAL</p> |



Emission above 18GHz
2.4GHz WIFI 802.11ax HE20 Full (SHF @ 1m)

| WIFI | 2.4GHz 2400~2483.5MHz | |
|--------------|--|--|
| ANT | 802.11ax HE20 Full SHF | |
| 6+7 | Horizontal | Vertical |
| Peak Avg. | <p>Site : 03CH16-HY Condition : PEAK_74 1m SHF_993_1124 HORIZONTAL Detector : Peak</p> | <p>Site : 03CH16-HY Condition : PEAK_74 1m SHF_993_1124 VERTICAL Detector : Peak</p> |



Emission below 1GHz
2.4GHz WIFI 802.11ax HE20 Full (LF)

| | | |
|--------------|---|---|
| WIFI | 2.4GHz 2400~2483.5MHz | |
| ANT | 802.11ax HE20 Full LF | |
| 6+7 | Horizontal | Vertical |
| QP / Peak | <p>Site : 03CH16-HY Condition : QP 3m 81LO6_47020_221008_H HORIZONTAL</p> | <p>Site : 03CH16-HY Condition : QP 3m 81LO6_47020_221008_H VERTICAL</p> |



Appendix E. Duty Cycle Plots

| Antenna | Band | Duty Cycle(%) | T(us) | 1/T(kHz) | VBW Setting |
|---------|------------------------------|---------------|-------|----------|-------------|
| 6+7 | 802.11b | 85.75 | 5505 | 0.18 | 180Hz |
| 6+7 | 802.11g | 85.43 | 1730 | 0.58 | 620Hz |
| 6+7 | 2.4GHz 802.11ax HE20 Full RU | 85.78 | 3740 | 0.27 | 270Hz |
| 6+7 | 2.4GHz 802.11ax HE20 106 RU | 85.45 | 3876 | 0.26 | 270Hz |
| 6+7 | 2.4GHz 802.11ax HE40 Full RU | 83.70 | 1848 | 0.54 | 560Hz |
| 6+7 | 2.4GHz 802.11ax HE40 242 RU | 85.47 | 1735 | 0.58 | 620Hz |

MIMO <Ant. 6+7>

