



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

| WIFI Ant. 1+2 | Note | Frequency (MHz) | Level (dB μ V/m) | Over Limit (dB) | Limit Line (dB μ V/m) | Read Level (dB μ V) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. |
|---------------------------------------|------|----------------------|---------------------------|-------------------------|-----------------------------------|---------------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|------|
| 802.11ac VHT20 CH 01 2412MHz | | 2389.695 | 60.27 | -13.73 | 74 | 49.28 | 27.52 | 16.63 | 33.16 | 100 | 19 | P | H |
| | | 2390 | 50.76 | -3.24 | 54 | 39.77 | 27.52 | 16.63 | 33.16 | 100 | 19 | A | H |
| | * | 2412 | 113.01 | - | - | 102.06 | 27.48 | 16.65 | 33.18 | 100 | 19 | P | H |
| | * | 2412 | 104.99 | - | - | 94.04 | 27.48 | 16.65 | 33.18 | 100 | 19 | A | H |
| | | | | | | | | | | | | | H |
| | | 2329.74 | 55.91 | -18.09 | 74 | 44.72 | 27.72 | 16.56 | 33.09 | 111 | 96 | P | V |
| | | 2389.905 | 45.91 | -8.09 | 54 | 34.92 | 27.52 | 16.63 | 33.16 | 111 | 96 | A | V |
| | * | 2412 | 108.42 | - | - | 97.47 | 27.48 | 16.65 | 33.18 | 111 | 96 | P | V |
| | * | 2412 | 100.55 | - | - | 89.6 | 27.48 | 16.65 | 33.18 | 111 | 96 | A | V |
| | | | | | | | | | | | | | V |
| 802.11ac VHT20 CH 06 2437MHz | | 2362.5 | 56.91 | -17.09 | 74 | 45.85 | 27.58 | 16.6 | 33.12 | 174 | 4 | P | H |
| | | 2389.94 | 46.72 | -7.28 | 54 | 35.73 | 27.52 | 16.63 | 33.16 | 174 | 4 | A | H |
| | * | 2437 | 118.23 | - | - | 107.34 | 27.43 | 16.67 | 33.21 | 174 | 4 | P | H |
| | * | 2437 | 110.3 | - | - | 99.41 | 27.43 | 16.67 | 33.21 | 174 | 4 | A | H |
| | | 2483.64 | 62.28 | -11.72 | 74 | 51.51 | 27.33 | 16.71 | 33.27 | 174 | 4 | P | H |
| | | 2483.76 | 52.24 | -1.76 | 54 | 41.47 | 27.33 | 16.71 | 33.27 | 174 | 4 | A | H |
| | | 2363.48 | 55.84 | -18.16 | 74 | 44.8 | 27.57 | 16.6 | 33.13 | 105 | 79 | P | V |
| | | 2389.94 | 45.35 | -8.65 | 54 | 34.36 | 27.52 | 16.63 | 33.16 | 105 | 79 | A | V |
| | * | 2437 | 112.99 | - | - | 102.1 | 27.43 | 16.67 | 33.21 | 105 | 79 | P | V |
| | * | 2437 | 104.66 | - | - | 93.77 | 27.43 | 16.67 | 33.21 | 105 | 79 | A | V |
| | | 2492.28 | 57 | -17 | 74 | 46.24 | 27.32 | 16.72 | 33.28 | 105 | 79 | P | V |
| | | 2484.24 | 46.69 | -7.31 | 54 | 35.92 | 27.33 | 16.71 | 33.27 | 105 | 79 | A | V |



| | | | | | | | | | | | | | |
|----------|---|---------|--------|--------|----|--------|-------|-------|-------|-----|----|---|---|
| | * | 2462 | 113.56 | - | - | 102.73 | 27.38 | 16.69 | 33.24 | 173 | 3 | P | H |
| | * | 2462 | 105.79 | - | - | 94.96 | 27.38 | 16.69 | 33.24 | 173 | 3 | A | H |
| | | 2485.6 | 63.04 | -10.96 | 74 | 52.27 | 27.33 | 16.71 | 33.27 | 173 | 3 | P | H |
| 802.11ac | | 2484.24 | 52.06 | -1.94 | 54 | 41.29 | 27.33 | 16.71 | 33.27 | 173 | 3 | A | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 11 | * | 2462 | 107.75 | - | - | 96.92 | 27.38 | 16.69 | 33.24 | 100 | 78 | P | V |
| 2462MHz | * | 2462 | 100 | - | - | 89.17 | 27.38 | 16.69 | 33.24 | 100 | 78 | A | V |
| | | 2484.68 | 60.52 | -13.48 | 74 | 49.75 | 27.33 | 16.71 | 33.27 | 100 | 78 | P | V |
| | | 2483.56 | 49.65 | -4.35 | 54 | 38.88 | 27.33 | 16.71 | 33.27 | 100 | 78 | A | 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 802.11ac VHT20 (Harmonic @ 3m)

| WIFI Ant. 1+2 | Note | Frequency (MHz) | Level (dB μ V/m) | Over Limit (dB) | Limit Line (dB μ V/m) | Read Level (dB μ V) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. |
|---|---|----------------------|---------------------------|-------------------------|-----------------------------------|---------------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|------|
| 802.11ac VHT20 CH 01 2412MHz | | 4824 | 42.04 | -31.96 | 74 | 58.42 | 31.1 | 10.07 | 57.55 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | 4824 | 38.42 | -35.58 | 74 | 54.8 | 31.1 | 10.07 | 57.55 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11ac VHT20 CH 06 2437MHz | | 4874 | 46.51 | -27.49 | 74 | 62.78 | 31.1 | 10.08 | 57.45 | 100 | 0 | P | H |
| | | 7311 | 44.2 | -29.8 | 74 | 52.39 | 36.58 | 12.5 | 57.27 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | 4874 | 43.62 | -30.38 | 74 | 59.89 | 31.1 | 10.08 | 57.45 | 100 | 0 | P | V |
| | | 7311 | 44.24 | -29.76 | 74 | 52.43 | 36.58 | 12.5 | 57.27 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11ac VHT20 CH 11 2462MHz | | 4924 | 40.07 | -33.93 | 74 | 56.15 | 31.2 | 10.07 | 57.35 | 100 | 0 | P | H |
| | | 7386 | 43.65 | -30.35 | 74 | 52.07 | 36.36 | 12.58 | 57.36 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | 4924 | 38 | -36 | 74 | 54.08 | 31.2 | 10.07 | 57.35 | 100 | 0 | P | V |
| | | 7386 | 42.99 | -31.01 | 74 | 51.41 | 36.36 | 12.58 | 57.36 | 100 | 0 | P | 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 802.11ac VHT40 (Band Edge @ 3m)

| WIFI Ant. 1+2 | Note | Frequency (MHz) | Level (dB μ V/m) | Over Limit (dB) | Limit Line (dB μ V/m) | Read Level (dB μ V) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. |
|---------------------------------------|------|----------------------|---------------------------|-------------------------|-----------------------------------|---------------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|------|
| 802.11ac VHT40 CH 03 2422MHz | | 2389.94 | 59.82 | -14.18 | 74 | 48.83 | 27.52 | 16.63 | 33.16 | 143 | 3 | P | H |
| | | 2389.52 | 52.36 | -1.64 | 54 | 41.37 | 27.52 | 16.63 | 33.16 | 143 | 3 | A | H |
| | * | 2422 | 108.44 | - | - | 97.52 | 27.46 | 16.66 | 33.2 | 143 | 3 | P | H |
| | * | 2422 | 100.76 | - | - | 89.84 | 27.46 | 16.66 | 33.2 | 143 | 3 | A | H |
| | | 2485.16 | 55.28 | -18.72 | 74 | 44.51 | 27.33 | 16.71 | 33.27 | 143 | 3 | P | H |
| | | 2484.74 | 46.82 | -7.18 | 54 | 36.05 | 27.33 | 16.71 | 33.27 | 143 | 3 | A | H |
| | | 2388.96 | 56.18 | -17.82 | 74 | 45.19 | 27.52 | 16.63 | 33.16 | 162 | 93 | P | V |
| | | 2389.24 | 46.91 | -7.09 | 54 | 35.92 | 27.52 | 16.63 | 33.16 | 162 | 93 | A | V |
| | * | 2422 | 101.15 | - | - | 90.23 | 27.46 | 16.66 | 33.2 | 162 | 93 | P | V |
| | * | 2422 | 93.44 | - | - | 82.52 | 27.46 | 16.66 | 33.2 | 162 | 93 | A | V |
| 802.11ac VHT40 CH 06 2437MHz | | 2485.93 | 55.2 | -18.8 | 74 | 44.43 | 27.33 | 16.71 | 33.27 | 162 | 93 | P | V |
| | | 2487.96 | 46.04 | -7.96 | 54 | 35.29 | 27.32 | 16.71 | 33.28 | 162 | 93 | A | V |
| | | 2389.94 | 56.96 | -17.04 | 74 | 45.97 | 27.52 | 16.63 | 33.16 | 172 | 3 | P | H |
| | | 2389.94 | 48.39 | -5.61 | 54 | 37.4 | 27.52 | 16.63 | 33.16 | 172 | 3 | A | H |
| | * | 2437 | 111.65 | - | - | 100.76 | 27.43 | 16.67 | 33.21 | 172 | 3 | P | H |
| | * | 2437 | 104.73 | - | - | 93.84 | 27.43 | 16.67 | 33.21 | 172 | 3 | A | H |
| | | 2483.76 | 61.46 | -12.54 | 74 | 50.69 | 27.33 | 16.71 | 33.27 | 172 | 3 | P | H |
| | | 2484.11 | 52.94 | -1.06 | 54 | 42.17 | 27.33 | 16.71 | 33.27 | 172 | 3 | A | H |
| | | 2352.42 | 55.65 | -18.35 | 74 | 44.58 | 27.6 | 16.58 | 33.11 | 162 | 95 | P | V |
| | | 2353.4 | 46.39 | -7.61 | 54 | 35.33 | 27.59 | 16.58 | 33.11 | 162 | 95 | A | V |
| 802.11ac VHT40 CH 06 2437MHz | * | 2437 | 105.33 | - | - | 94.44 | 27.43 | 16.67 | 33.21 | 162 | 95 | P | V |
| | * | 2437 | 97.09 | - | - | 86.2 | 27.43 | 16.67 | 33.21 | 162 | 95 | A | V |
| | | 2483.97 | 55.87 | -18.13 | 74 | 45.1 | 27.33 | 16.71 | 33.27 | 162 | 95 | P | V |
| | | 2483.69 | 47.06 | -6.94 | 54 | 36.29 | 27.33 | 16.71 | 33.27 | 162 | 95 | A | V |



| | | | | | | | | | | | | | |
|--------|---|---------|--------|--------|----|-------|-------|-------|-------|-----|----|---|---|
| | | 2316.02 | 55.16 | -18.84 | 74 | 43.89 | 27.8 | 16.54 | 33.07 | 173 | 2 | P | H |
| | | 2346.54 | 46 | -8 | 54 | 34.91 | 27.62 | 16.58 | 33.11 | 173 | 2 | A | H |
| | * | 2452 | 108.37 | - | - | 97.52 | 27.4 | 16.68 | 33.23 | 173 | 2 | P | H |
| | * | 2452 | 101.19 | - | - | 90.34 | 27.4 | 16.68 | 33.23 | 173 | 2 | A | H |
| | | 2484.88 | 60.29 | -13.71 | 74 | 49.52 | 27.33 | 16.71 | 33.27 | 173 | 2 | P | H |
| | VHT40 | 2484.25 | 51.9 | -2.1 | 54 | 41.13 | 27.33 | 16.71 | 33.27 | 173 | 2 | A | H |
| | CH 09 | 2319.24 | 54.85 | -19.15 | 74 | 43.6 | 27.78 | 16.54 | 33.07 | 188 | 94 | P | V |
| | 2452MHz | 2336.88 | 45.93 | -8.07 | 54 | 34.78 | 27.68 | 16.56 | 33.09 | 188 | 94 | A | V |
| | * | 2452 | 101.93 | - | - | 91.08 | 27.4 | 16.68 | 33.23 | 188 | 94 | P | V |
| | * | 2452 | 94.12 | - | - | 83.27 | 27.4 | 16.68 | 33.23 | 188 | 94 | A | V |
| | | 2487.12 | 55.28 | -18.72 | 74 | 44.51 | 27.33 | 16.71 | 33.27 | 188 | 94 | P | V |
| | | 2486 | 46.43 | -7.57 | 54 | 35.66 | 27.33 | 16.71 | 33.27 | 188 | 94 | 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 802.11ac VHT40 (Harmonic @ 3m)

| WIFI Ant. 1+2 | Note | Frequency (MHz) | Level (dB μ V/m) | Over Limit (dB) | Limit Line (dB μ V/m) | Read Level (dB μ V) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. |
|---|---|----------------------|---------------------------|-------------------------|-----------------------------------|---------------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|------|
| 802.11ac VHT40 CH 03 2422MHz | | 4844 | 38.76 | -35.24 | 74 | 55.1 | 31.1 | 10.07 | 57.51 | 100 | 0 | P | H |
| | | 7266 | 43.39 | -30.61 | 74 | 51.56 | 36.6 | 12.45 | 57.22 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | 4844 | 38.26 | -35.74 | 74 | 54.6 | 31.1 | 10.07 | 57.51 | 100 | 0 | P | V |
| | | 7266 | 42.74 | -31.26 | 74 | 50.91 | 36.6 | 12.45 | 57.22 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11ac VHT40 CH 06 2437MHz | | 4874 | 38.12 | -35.88 | 74 | 54.39 | 31.1 | 10.08 | 57.45 | 100 | 0 | P | H |
| | | 7311 | 44.83 | -29.17 | 74 | 53.02 | 36.58 | 12.5 | 57.27 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | 4874 | 37.95 | -36.05 | 74 | 54.22 | 31.1 | 10.08 | 57.45 | 100 | 0 | P | V |
| | | 7311 | 43.76 | -30.24 | 74 | 51.95 | 36.58 | 12.5 | 57.27 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11ac VHT40 CH 09 2452MHz | | 4904 | 38.57 | -35.43 | 74 | 54.77 | 31.12 | 10.07 | 57.39 | 100 | 0 | P | H |
| | | 7356 | 44.48 | -29.52 | 74 | 52.78 | 36.48 | 12.55 | 57.33 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | 4904 | 38.4 | -35.6 | 74 | 54.6 | 31.12 | 10.07 | 57.39 | 100 | 0 | P | V |
| | | 7356 | 43.83 | -30.17 | 74 | 52.13 | 36.48 | 12.55 | 57.33 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



<For SKU 2>

2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

| WIFI Ant. | Note | Frequency | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol. | |
|-----------|---|-----------|------------------|------------|------------------|----------------|----------------|-----------|---------------|---------|-----------|-----------|-------|--|
| 1+2 | | (MHz) | (dB μ V/m) | (dB) | (dB μ V/m) | (dB μ V) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 802.11ac | | 2337.58 | 55.41 | -18.59 | 74 | 43.99 | 27.95 | 16.57 | 33.1 | 313 | 267 | P | H | |
| | | 2318.68 | 46.46 | -7.54 | 54 | 34.96 | 28.03 | 16.54 | 33.07 | 313 | 267 | A | H | |
| | * | 2437 | 104.81 | - | - | 93.72 | 27.63 | 16.67 | 33.21 | 313 | 267 | P | H | |
| | * | 2437 | 96.74 | - | - | 85.65 | 27.63 | 16.67 | 33.21 | 313 | 267 | A | H | |
| | | 2483.9 | 56.37 | -17.63 | 74 | 45.33 | 27.6 | 16.71 | 33.27 | 313 | 267 | P | H | |
| VHT40 | | 2483.62 | 47.93 | -6.07 | 54 | 36.89 | 27.6 | 16.71 | 33.27 | 313 | 267 | A | H | |
| CH 06 | | 2389.66 | 56.72 | -17.28 | 74 | 45.51 | 27.74 | 16.63 | 33.16 | 172 | 0 | P | V | |
| 2437MHz | | 2389.1 | 47.72 | -6.28 | 54 | 36.51 | 27.74 | 16.63 | 33.16 | 172 | 0 | A | V | |
| | * | 2437 | 110.09 | - | - | 99 | 27.63 | 16.67 | 33.21 | 172 | 0 | P | V | |
| | * | 2437 | 101.96 | - | - | 90.87 | 27.63 | 16.67 | 33.21 | 172 | 0 | A | V | |
| | | 2483.76 | 60.98 | -13.02 | 74 | 49.94 | 27.6 | 16.71 | 33.27 | 172 | 0 | P | V | |
| | | 2484.81 | 50.35 | -3.65 | 54 | 39.31 | 27.6 | 16.71 | 33.27 | 172 | 0 | 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 802.11ac VHT40 (Harmonic @ 3m)

| WIFI Ant. 1+2 | Note | Frequency (MHz) | Level (dB μ V/m) | Over Limit (dB) | Limit Line (dB μ V/m) | Read Level (dB μ V) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. |
|---------------------------------------|---|----------------------|---------------------------|-------------------------|-----------------------------------|---------------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|------|
| 802.11ac VHT40 CH 06 2437MHz | | 4874 | 38.49 | -35.51 | 74 | 59.73 | 31.25 | 10.08 | 62.57 | 100 | 0 | P | H |
| | | 7311 | 43.83 | -30.17 | 74 | 58.59 | 36.3 | 12.5 | 63.56 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | 4874 | 39.19 | -34.81 | 74 | 60.43 | 31.25 | 10.08 | 62.57 | 100 | 0 | P | V |
| | | 7311 | 43.68 | -30.32 | 74 | 58.44 | 36.3 | 12.5 | 63.56 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



<For SKU 3>

2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

| WIFI Ant. | Note | Frequency | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol. | |
|---------------------------------------|---|-----------|------------------|------------|------------------|----------------|----------------|-----------|---------------|---------|-----------|-----------|---------|--|
| 1+2 | | (MHz) | (dB μ V/m) | (dB) | (dB μ V/m) | (dB μ V) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 802.11ac VHT40 CH 06 2437MHz | | 2389.94 | 56.51 | -17.49 | 74 | 45.3 | 27.74 | 16.63 | 33.16 | 213 | 62 | P | H | |
| | | 2389.8 | 46.41 | -7.59 | 54 | 35.2 | 27.74 | 16.63 | 33.16 | 213 | 62 | A | H | |
| | * | 2437 | 104.99 | 30.99 | - | - | 27.63 | 16.67 | 33.21 | 213 | 62 | P | H | |
| | * | 2437 | 97.58 | 43.58 | - | - | 27.63 | 16.67 | 33.21 | 213 | 62 | A | H | |
| | | 2485.51 | 57.86 | -16.14 | 74 | 46.82 | 27.6 | 16.71 | 33.27 | 213 | 62 | P | H | |
| | | 2484.53 | 47.88 | -6.12 | 54 | 36.84 | 27.6 | 16.71 | 33.27 | 213 | 62 | A | H | |
| | | 2346.96 | 55.69 | -18.31 | 74 | 44.31 | 27.91 | 16.58 | 33.11 | 201 | 19 | P | V | |
| | | 2316.3 | 46.2 | -7.8 | 54 | 34.7 | 28.03 | 16.54 | 33.07 | 201 | 19 | A | V | |
| | * | 2437 | 108.62 | 34.62 | - | - | 27.63 | 16.67 | 33.21 | 201 | 19 | P | V | |
| | * | 2437 | 100.48 | 46.48 | - | - | 27.63 | 16.67 | 33.21 | 201 | 19 | A | V | |
| | | 2483.76 | 59.56 | -14.44 | 74 | 48.52 | 27.6 | 16.71 | 33.27 | 201 | 19 | P | V | |
| | | 2483.5 | 51.09 | -2.91 | 54 | 40.05 | 27.6 | 16.71 | 33.27 | 201 | 19 | 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 802.11ac VHT40 (Harmonic @ 3m)

| WIFI Ant. 1+2 | Note | Frequency (MHz) | Level (dB μ V/m) | Over Limit (dB) | Limit Line (dB μ V/m) | Read Level (dB μ V) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. |
|---------------------------------------|---|----------------------|---------------------------|-------------------------|-----------------------------------|---------------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|------|
| 802.11ac VHT40 CH 06 2437MHz | | 4874 | 38.46 | -35.54 | 74 | 59.7 | 31.25 | 10.08 | 62.57 | 100 | 0 | P | H |
| | | 7311 | 44.19 | -29.81 | 74 | 58.95 | 36.3 | 12.5 | 63.56 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | 4874 | 39.25 | -34.75 | 74 | 60.49 | 31.25 | 10.08 | 62.57 | 100 | 0 | P | V |
| | | 7311 | 44.09 | -29.91 | 74 | 58.85 | 36.3 | 12.5 | 63.56 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |



<For TXBF Mode>

2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

| WIFI Ant. | Note | Frequency | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol. | |
|--------------|----------|-----------|------------------|---------------|------------------|----------------|-------------------|--------------|------------------|------------|--------------|--------------|-------|---|
| 1+2 | | (MHz) | (dB μ V/m) | (dB) | (dB μ V/m) | (dB μ V) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) | |
| 802.11ac | | 2390 | 63.62 | -10.38 | 74 | 52.63 | 27.52 | 16.63 | 33.16 | 256 | 358 | P | H | |
| | | 2390 | 52.69 | -1.31 | 54 | 41.7 | 27.52 | 16.63 | 33.16 | 256 | 358 | A | H | |
| | * | 2412 | 115.31 | - | - | 104.36 | 27.48 | 16.65 | 33.18 | 256 | 358 | P | H | |
| | * | 2412 | 106 | - | - | 95.05 | 27.48 | 16.65 | 33.18 | 256 | 358 | A | H | |
| | | | | | | | | | | | | | H | |
| 2412MHz | VHT20 | | | | | | | | | | | | | |
| | CH 01 | 2389.38 | 57.97 | -16.03 | 74 | 46.98 | 27.52 | 16.63 | 33.16 | 154 | 108 | P | V | |
| | | 2390 | 48.45 | -5.55 | 54 | 37.46 | 27.52 | 16.63 | 33.16 | 154 | 108 | A | V | |
| | * | 2412 | 109.43 | - | - | 98.48 | 27.48 | 16.65 | 33.18 | 154 | 108 | P | V | |
| | * | 2412 | 101.86 | - | - | 90.91 | 27.48 | 16.65 | 33.18 | 154 | 108 | A | V | |
| 2437MHz | | | | | | | | | | | | | V | |
| | 802.11ac | 2389.94 | 56.36 | -17.64 | 74 | 45.37 | 27.52 | 16.63 | 33.16 | 304 | 359 | P | H | |
| | | 2389.94 | 46.66 | -7.34 | 54 | 35.67 | 27.52 | 16.63 | 33.16 | 304 | 359 | A | H | |
| | | * | 2437 | 116.14 | - | - | 105.25 | 27.43 | 16.67 | 33.21 | 304 | 359 | P | H |
| | | * | 2437 | 107.4 | - | - | 96.51 | 27.43 | 16.67 | 33.21 | 304 | 359 | A | H |
| | | | 2485.37 | 59.61 | -14.39 | 74 | 48.84 | 27.33 | 16.71 | 33.27 | 304 | 359 | P | H |
| | VHT20 | | 2483.5 | 48.66 | -5.34 | 54 | 37.89 | 27.33 | 16.71 | 33.27 | 304 | 359 | A | H |
| | | CH 06 | 2315.46 | 55.84 | -18.16 | 74 | 44.56 | 27.81 | 16.54 | 33.07 | 144 | 94 | P | V |
| | | | 2389.94 | 45.17 | -8.83 | 54 | 34.18 | 27.52 | 16.63 | 33.16 | 144 | 94 | A | V |
| | | * | 2437 | 111.46 | - | - | 100.57 | 27.43 | 16.67 | 33.21 | 144 | 94 | P | V |
| | | * | 2437 | 108.3 | - | - | 97.41 | 27.43 | 16.67 | 33.21 | 144 | 94 | A | V |
| | | | 2483.5 | 56.03 | -17.97 | 74 | 45.26 | 27.33 | 16.71 | 33.27 | 144 | 94 | P | V |
| | | | 2483.5 | 45.87 | -8.13 | 54 | 35.1 | 27.33 | 16.71 | 33.27 | 144 | 94 | A | V |



| | | | | | | | | | | | | | |
|-----------------|---|---------|--------|--------|----|-------|-------|-------|-------|-----|-----|---|---|
| | * | 2462 | 108.92 | - | - | 98.09 | 27.38 | 16.69 | 33.24 | 301 | 358 | P | H |
| | * | 2462 | 100.33 | - | - | 89.5 | 27.38 | 16.69 | 33.24 | 301 | 358 | A | H |
| | | 2483.64 | 62.67 | -11.33 | 74 | 51.9 | 27.33 | 16.71 | 33.27 | 301 | 358 | P | H |
| 802.11ac | | 2483.52 | 50.18 | -3.82 | 54 | 39.41 | 27.33 | 16.71 | 33.27 | 301 | 358 | A | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 11 | * | 2462 | 103.26 | - | - | 92.43 | 27.38 | 16.69 | 33.24 | 150 | 98 | P | V |
| 2462MHz | * | 2462 | 96.36 | - | - | 85.53 | 27.38 | 16.69 | 33.24 | 150 | 98 | A | V |
| | | 2484 | 56.69 | -17.31 | 74 | 45.92 | 27.33 | 16.71 | 33.27 | 150 | 98 | P | V |
| | | 2483.52 | 46.93 | -7.07 | 54 | 36.16 | 27.33 | 16.71 | 33.27 | 150 | 98 | A | 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 802.11ac VHT20 (Harmonic @ 3m)

| WIFI Ant. 1+2 | Note | Frequency (MHz) | Level (dB μ V/m) | Over Limit (dB) | Limit Line (dB μ V/m) | Read Level (dB μ V) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. |
|---------------------|---|----------------------|---------------------------|-------------------------|-----------------------------------|---------------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|------|
| 802.11ac | | 4824 | 45.19 | -28.81 | 74 | 61.57 | 31.1 | 10.07 | 57.55 | 100 | 0 | P | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 01 | | 4824 | 41.52 | -32.48 | 74 | 57.9 | 31.1 | 10.07 | 57.55 | 100 | 0 | P | V |
| 2412MHz | | | | | | | | | | | | | V |
| | | 4874 | 47.82 | -26.18 | 74 | 64.09 | 31.1 | 10.08 | 57.45 | 100 | 0 | P | H |
| 802.11ac | | 7311 | 44.58 | -29.42 | 74 | 52.77 | 36.58 | 12.5 | 57.27 | 100 | 0 | P | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 06 | | 4874 | 46.74 | -27.26 | 74 | 63.01 | 31.1 | 10.08 | 57.45 | 100 | 0 | P | V |
| 2437MHz | | 7311 | 44.4 | -29.6 | 74 | 52.59 | 36.58 | 12.5 | 57.27 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | 4924 | 38.05 | -35.95 | 74 | 54.13 | 31.2 | 10.07 | 57.35 | 100 | 0 | P | H |
| 802.11ac | | 7386 | 42.89 | -31.11 | 74 | 51.31 | 36.36 | 12.58 | 57.36 | 100 | 0 | P | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 11 | | 4924 | 38.49 | -35.51 | 74 | 54.57 | 31.2 | 10.07 | 57.35 | 100 | 0 | P | V |
| 2462MHz | | 7386 | 43.33 | -30.67 | 74 | 51.75 | 36.36 | 12.58 | 57.36 | 100 | 0 | P | 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 802.11ac VHT40 (Band Edge @ 3m)

| WIFI Ant. 1+2 | Note | Frequency (MHz) | Level (dB μ V/m) | Over Limit (dB) | Limit Line (dB μ V/m) | Read Level (dB μ V) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. |
|---------------------------------------|------|----------------------|---------------------------|-------------------------|-----------------------------------|---------------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|------|
| 802.11ac VHT40 CH 03 2422MHz | | 2389.38 | 62.32 | -11.68 | 74 | 51.33 | 27.52 | 16.63 | 33.16 | 209 | 0 | P | H |
| | | 2389.94 | 52.75 | -1.25 | 54 | 41.76 | 27.52 | 16.63 | 33.16 | 209 | 0 | A | H |
| | * | 2422 | 110.19 | - | - | 99.27 | 27.46 | 16.66 | 33.2 | 209 | 0 | P | H |
| | * | 2422 | 102.02 | - | - | 91.1 | 27.46 | 16.66 | 33.2 | 209 | 0 | A | H |
| | | 2484.74 | 60.52 | -13.48 | 74 | 49.75 | 27.33 | 16.71 | 33.27 | 209 | 0 | P | H |
| | | 2483.5 | 50.15 | -3.85 | 54 | 39.38 | 27.33 | 16.71 | 33.27 | 209 | 0 | A | H |
| | | 2389.94 | 58.05 | -15.95 | 74 | 47.06 | 27.52 | 16.63 | 33.16 | 137 | 97 | P | V |
| | | 2389.94 | 49.16 | -4.84 | 54 | 38.17 | 27.52 | 16.63 | 33.16 | 137 | 97 | A | V |
| | * | 2422 | 105.76 | - | - | 94.84 | 27.46 | 16.66 | 33.2 | 137 | 97 | P | V |
| | * | 2422 | 96.6 | - | - | 85.68 | 27.46 | 16.66 | 33.2 | 137 | 97 | A | V |
| 802.11ac VHT40 CH 06 2437MHz | | 2484.46 | 56.97 | -17.03 | 74 | 46.2 | 27.33 | 16.71 | 33.27 | 137 | 97 | P | V |
| | | 2483.5 | 46.4 | -7.6 | 54 | 35.63 | 27.33 | 16.71 | 33.27 | 137 | 97 | A | V |
| | | 2389.66 | 60.44 | -13.56 | 74 | 49.45 | 27.52 | 16.63 | 33.16 | 233 | 0 | P | H |
| | | 2389.94 | 50.11 | -3.89 | 54 | 39.12 | 27.52 | 16.63 | 33.16 | 233 | 0 | A | H |
| | * | 2437 | 111.25 | - | - | 100.36 | 27.43 | 16.67 | 33.21 | 233 | 0 | P | H |
| | * | 2437 | 103.88 | - | - | 92.99 | 27.43 | 16.67 | 33.21 | 233 | 0 | A | H |
| | | 2484.32 | 62.58 | -11.42 | 74 | 51.81 | 27.33 | 16.71 | 33.27 | 233 | 0 | P | H |
| | | 2483.69 | 52.2 | -1.8 | 54 | 41.43 | 27.33 | 16.71 | 33.27 | 233 | 0 | A | H |
| | | 2389.94 | 55.8 | -18.2 | 74 | 44.81 | 27.52 | 16.63 | 33.16 | 115 | 84 | P | V |
| | | 2389.94 | 46.8 | -7.2 | 54 | 35.81 | 27.52 | 16.63 | 33.16 | 115 | 84 | A | V |
| 2437MHz | * | 2437 | 106.11 | - | - | 95.22 | 27.43 | 16.67 | 33.21 | 115 | 84 | P | V |
| | * | 2437 | 97.97 | - | - | 87.08 | 27.43 | 16.67 | 33.21 | 115 | 84 | A | V |
| | | 2483.97 | 57.74 | -16.26 | 74 | 46.97 | 27.33 | 16.71 | 33.27 | 115 | 84 | P | V |
| | | 2483.5 | 47.08 | -6.92 | 54 | 36.31 | 27.33 | 16.71 | 33.27 | 115 | 84 | A | V |



| | | | | | | | | | | | | | | |
|--------|---|---------|---------|--------|--------|-------|-------|-------|-------|-------|-----|-----|---|---|
| | | 2365.58 | 55.31 | -18.69 | 74 | 44.27 | 27.57 | 16.6 | 33.13 | 261 | 0 | P | H | |
| | | 2389.94 | 44.68 | -9.32 | 54 | 33.69 | 27.52 | 16.63 | 33.16 | 261 | 0 | A | H | |
| | * | 2452 | 108.34 | - | - | 97.49 | 27.4 | 16.68 | 33.23 | 261 | 0 | P | H | |
| | * | 2452 | 99.81 | - | - | 88.96 | 27.4 | 16.68 | 33.23 | 261 | 0 | A | H | |
| | | 2483.69 | 62.61 | -11.39 | 74 | 51.84 | 27.33 | 16.71 | 33.27 | 261 | 0 | P | H | |
| | VHT40 | | 2483.5 | 52.41 | -1.59 | 54 | 41.64 | 27.33 | 16.71 | 33.27 | 261 | 0 | A | H |
| | CH 09 | | 2344.44 | 55.79 | -18.21 | 74 | 44.69 | 27.63 | 16.57 | 33.1 | 105 | 103 | P | V |
| | 2452MHz | | 2389.66 | 44.2 | -9.8 | 54 | 33.21 | 27.52 | 16.63 | 33.16 | 105 | 103 | A | V |
| | * | 2452 | 102.67 | - | - | 91.82 | 27.4 | 16.68 | 33.23 | 105 | 103 | P | V | |
| | * | 2452 | 94.18 | - | - | 83.33 | 27.4 | 16.68 | 33.23 | 105 | 103 | A | V | |
| | | 2484.53 | 59.75 | -14.25 | 74 | 48.98 | 27.33 | 16.71 | 33.27 | 105 | 103 | P | V | |
| | | 2483.5 | 48.39 | -5.61 | 54 | 37.62 | 27.33 | 16.71 | 33.27 | 105 | 103 | 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 802.11ac VHT40 (Harmonic @ 3m)

| WIFI Ant. 1+2 | Note | Frequency (MHz) | Level (dB μ V/m) | Over Limit (dB) | Limit Line (dB μ V/m) | Read Level (dB μ V) | Antenna Factor (dB/m) | Path Loss (dB) | Preamp Factor (dB) | Ant Pos (cm) | Table Pos (deg) | Peak Avg. (P/A) | Pol. |
|---|---|----------------------|---------------------------|-------------------------|-----------------------------------|---------------------------------|-------------------------------|------------------------|----------------------------|----------------------|-------------------------|-----------------------|------|
| 802.11ac VHT40 CH 03 2422MHz | | 4844 | 38.21 | -35.79 | 74 | 54.55 | 31.1 | 10.07 | 57.51 | 100 | 0 | P | H |
| | | 7266 | 43.29 | -30.71 | 74 | 51.46 | 36.6 | 12.45 | 57.22 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | 4844 | 37.51 | -36.49 | 74 | 53.85 | 31.1 | 10.07 | 57.51 | 100 | 0 | P | V |
| | | 7266 | 43.67 | -30.33 | 74 | 51.84 | 36.6 | 12.45 | 57.22 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11ac VHT40 CH 06 2437MHz | | 4874 | 42.48 | -31.52 | 74 | 58.75 | 31.1 | 10.08 | 57.45 | 100 | 0 | P | H |
| | | 7311 | 43.67 | -30.33 | 74 | 51.86 | 36.58 | 12.5 | 57.27 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | 4874 | 40.46 | -33.54 | 74 | 56.73 | 31.1 | 10.08 | 57.45 | 100 | 0 | P | V |
| | | 7311 | 43.84 | -30.16 | 74 | 52.03 | 36.58 | 12.5 | 57.27 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| 802.11ac VHT40 CH 09 2452MHz | | 4904 | 37.77 | -36.23 | 74 | 53.97 | 31.12 | 10.07 | 57.39 | 100 | 0 | P | H |
| | | 7356 | 44.94 | -29.06 | 74 | 53.24 | 36.48 | 12.55 | 57.33 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | 4904 | 38.09 | -35.91 | 74 | 54.29 | 31.12 | 10.07 | 57.39 | 100 | 0 | P | V |
| | | 7356 | 44.45 | -29.55 | 74 | 52.75 | 36.48 | 12.55 | 57.33 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found. 2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**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 over 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 | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|-----------------------------|------|-----------|------------------|--------|------------------|----------------|----------|--------|--------|--------|---------|---------|---------|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 1 | | (MHz) | (dB μ V/m) | (dB) | (dB μ V/m) | (dB μ V) | (dB/m) | (dB) | (dB) | (cm) | (deg) | (P/A) | (H/V) |
| 802.11b CH 01 2412MHz | | 2390 | 55.45 | -18.55 | 74 | 54.51 | 32.22 | 4.58 | 35.86 | 103 | 308 | P | H |
| | | 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(dB μ V/m) =

Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dB μ V) - Preamp Factor(dB)

3. Over Limit(dB) = Level(dB μ V/m) – Limit Line(dB μ V/m)

For Peak Limit @ 2390MHz:

1. Level(dB μ V/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dB μ V) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dB μ V) – 35.86 (dB)

= 55.45 (dB μ V/m)

2. Over Limit(dB)

= Level(dB μ V/m) – Limit Line(dB μ V/m)

= 55.45(dB μ V/m) – 74(dB μ V/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dB μ V/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dB μ V) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dB μ V) – 35.86 (dB)

= 43.54 (dB μ V/m)

2. Over Limit(dB)

= Level(dB μ V/m) – Limit Line(dB μ V/m)

= 43.54(dB μ V/m) – 54(dB μ V/m)

= -10.46(dB)

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



Appendix C. Radiated Spurious Emission Plots

| | | | |
|------------------------|-------------------------------------|----------------------------|---------------|
| Test Engineer : | Jack Cheng, Lance Chiang, Chuan Chu | Temperature : | 23.1 ~ 26.4°C |
| | | Relative Humidity : | 51.8 ~ 60.9% |

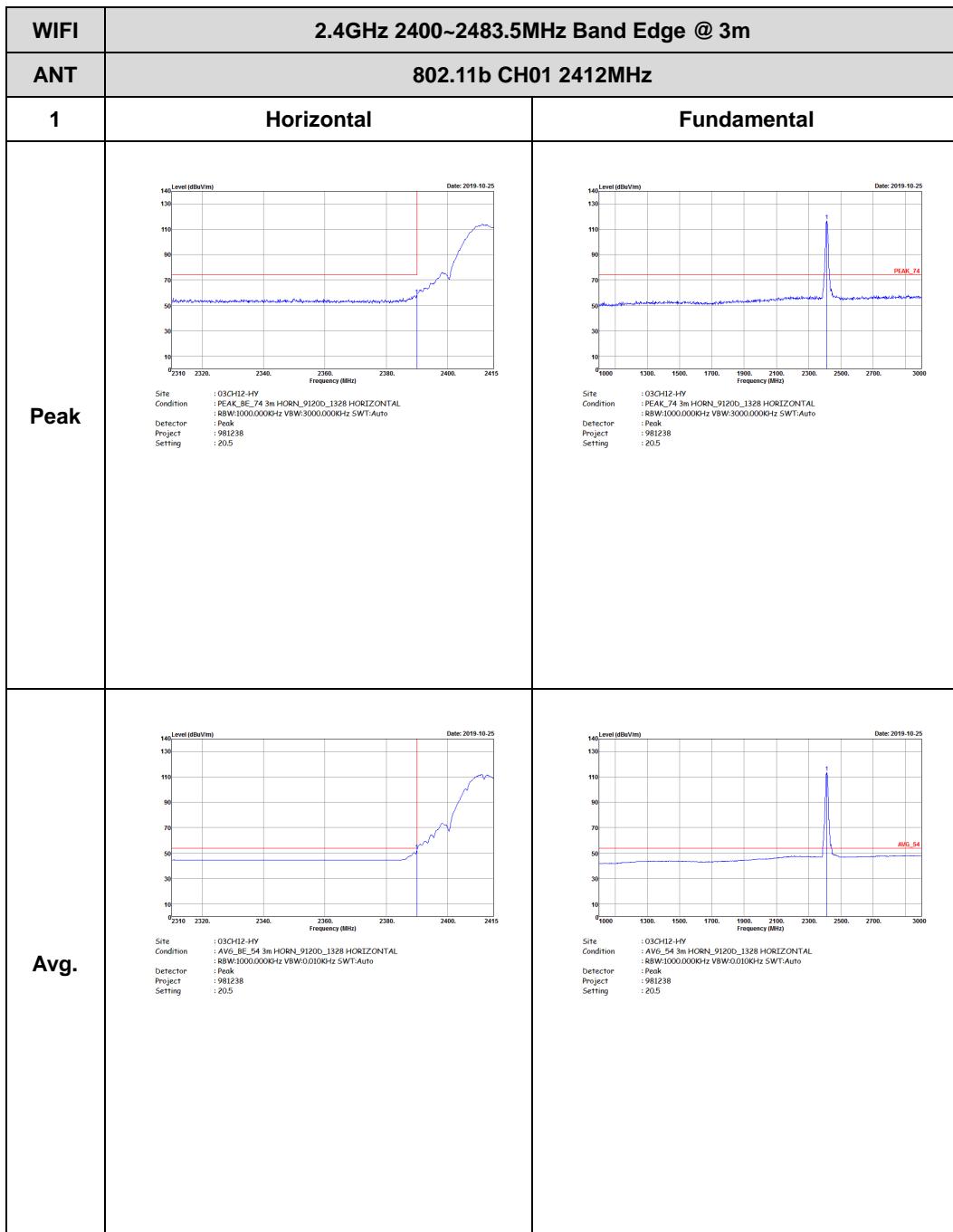
Note symbol

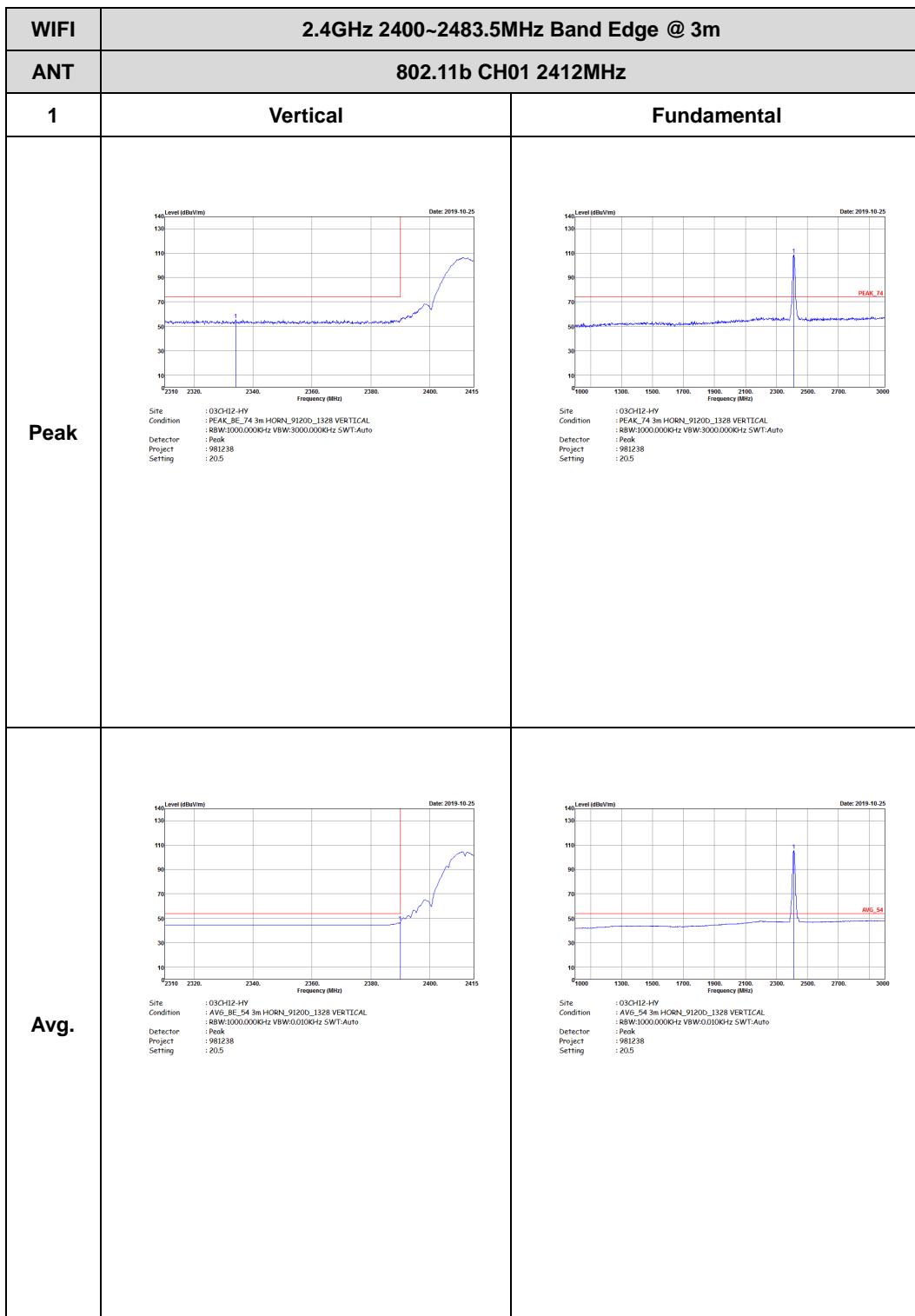
| | |
|----|------------------------------|
| -L | Low channel location |
| -R | High channel location |

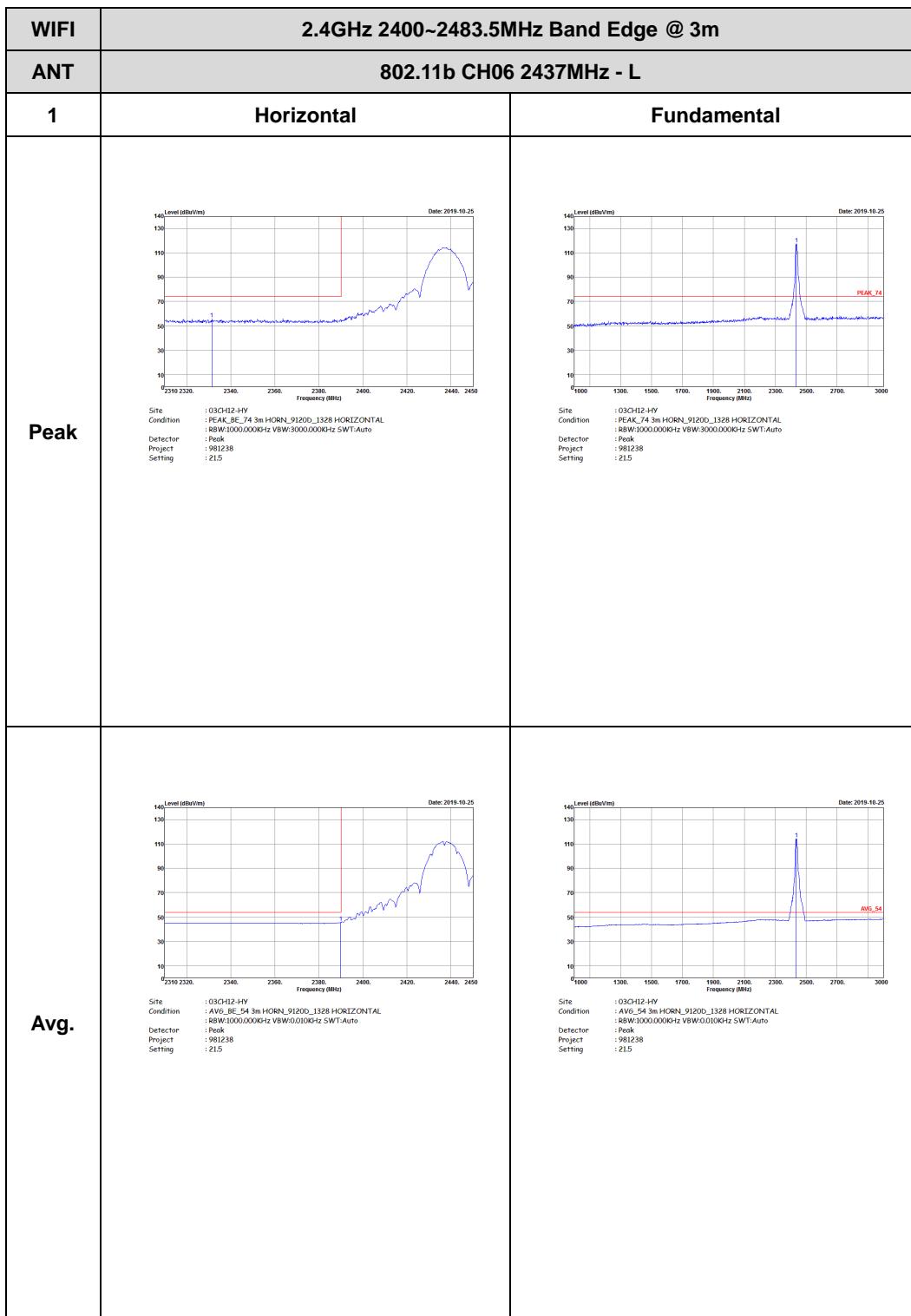


<For CDD Mode>

<For SKU 1>

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







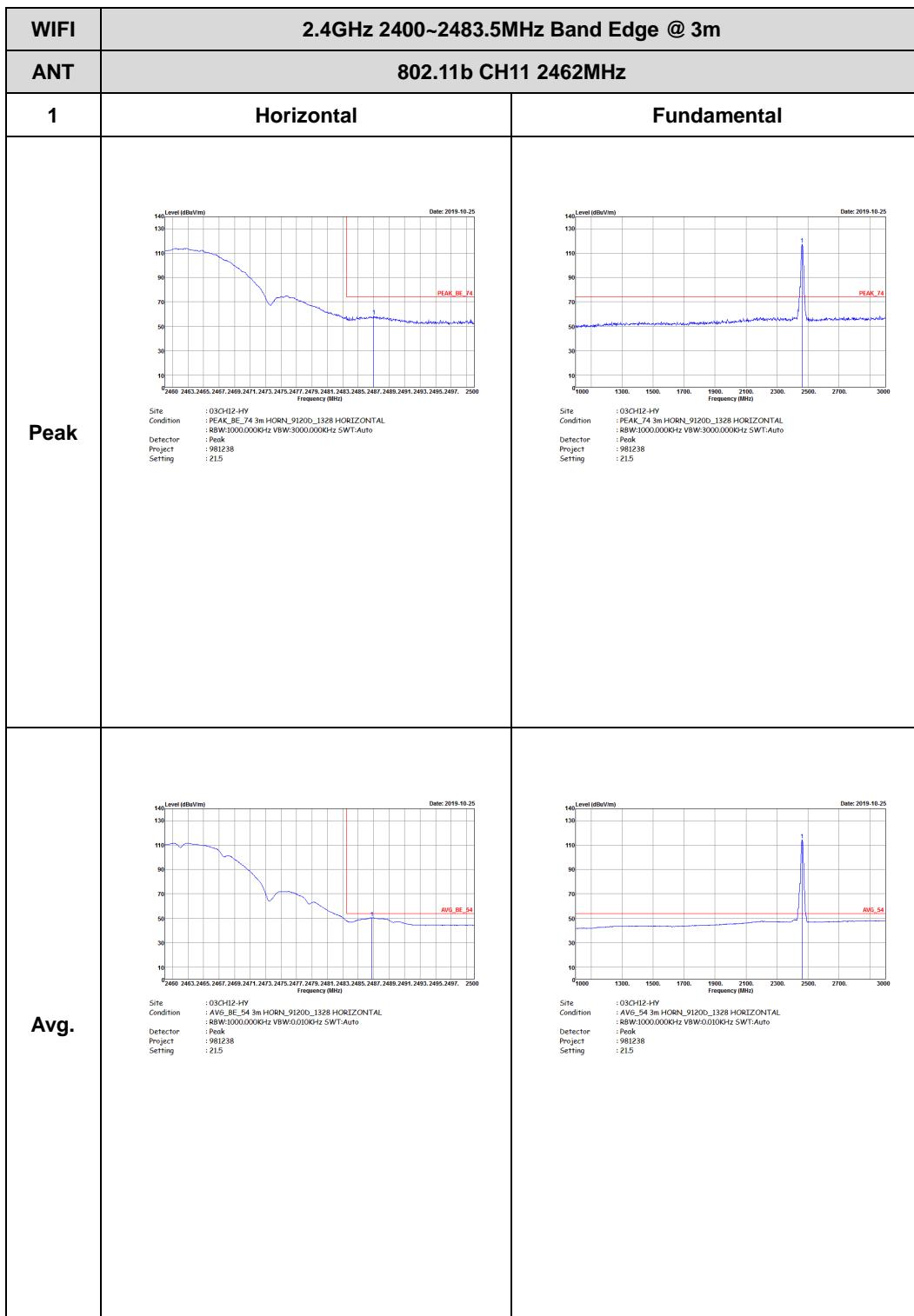
| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11b CH06 2437MHz - R | |
| 1 | Horizontal | Fundamental |
| Peak | <p>Date: 2019-10-25</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 21.5</p> | Left blank |
| Avg. | <p>Date: 2019-10-25</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : 88W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Setting : 981238 Setting : 21.5</p> | Left blank |

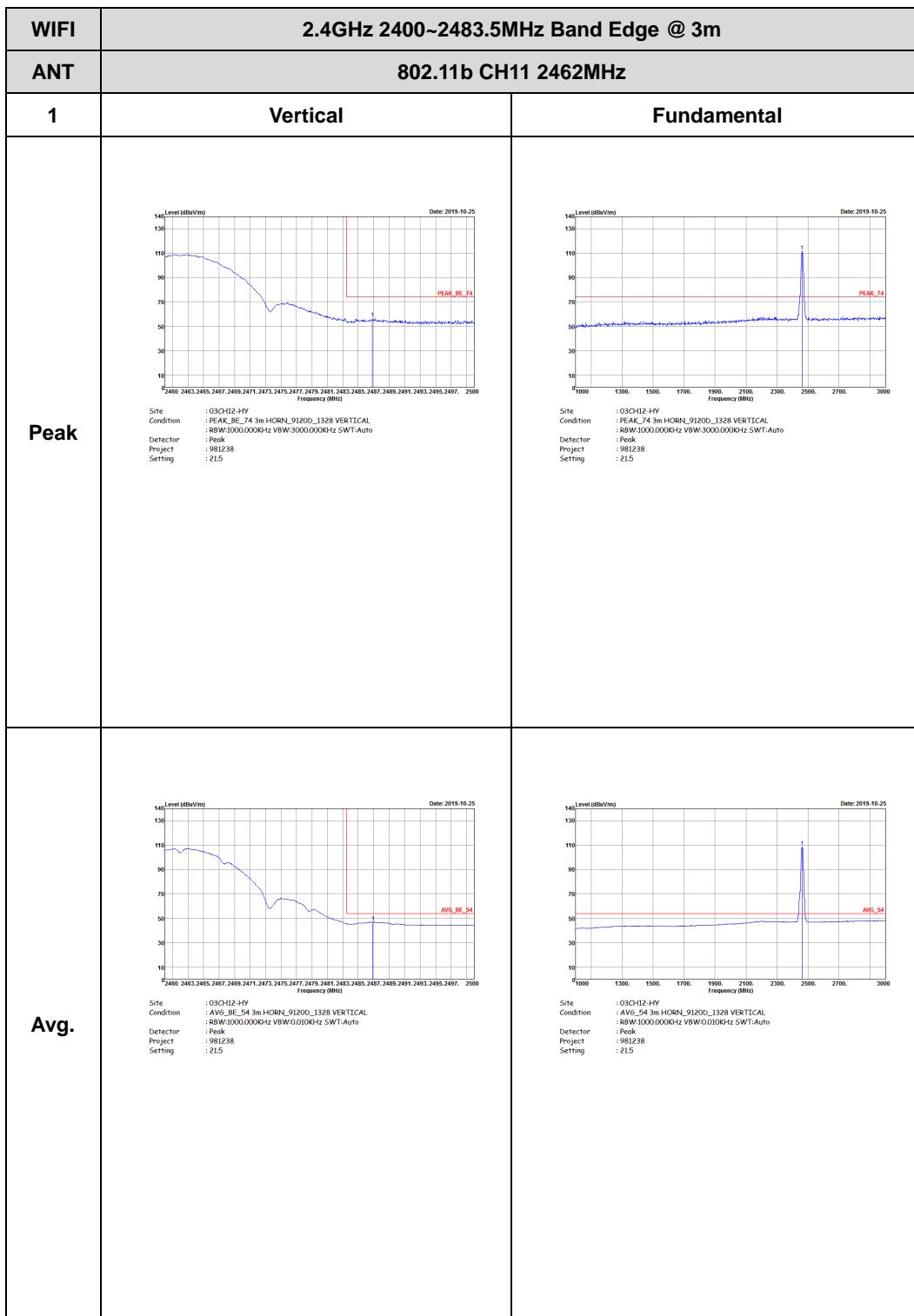


| | | |
|-------------|---|--|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11b CH06 2437MHz - L | |
| 1 | Vertical | Fundamental |
| Peak | <p>Site : 03C112-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 21.5</p> | <p>Site : 03C112-HV Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 21.5</p> |
| Avg. | <p>Site : 03C112-HV Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 981238 Setting : 21.5</p> | <p>Site : 03C112-HV Condition : AVG_54 3m HORN_9120D_1328 VERTICAL : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 981238 Setting : 21.5</p> |



| | | |
|------|--|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11b CH06 2437MHz - R | |
| 1 | Vertical | Fundamental |
| Peak | Site : 03CH12-HV Condition : PEAK_BE_74 3m HORNL_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 21.5 | Left blank |
| Avg. | Site : 03CH12-HV Condition : AVG_BE_54 3m HORNL_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Setting : 981238 Setting : 21.5 | Left blank |

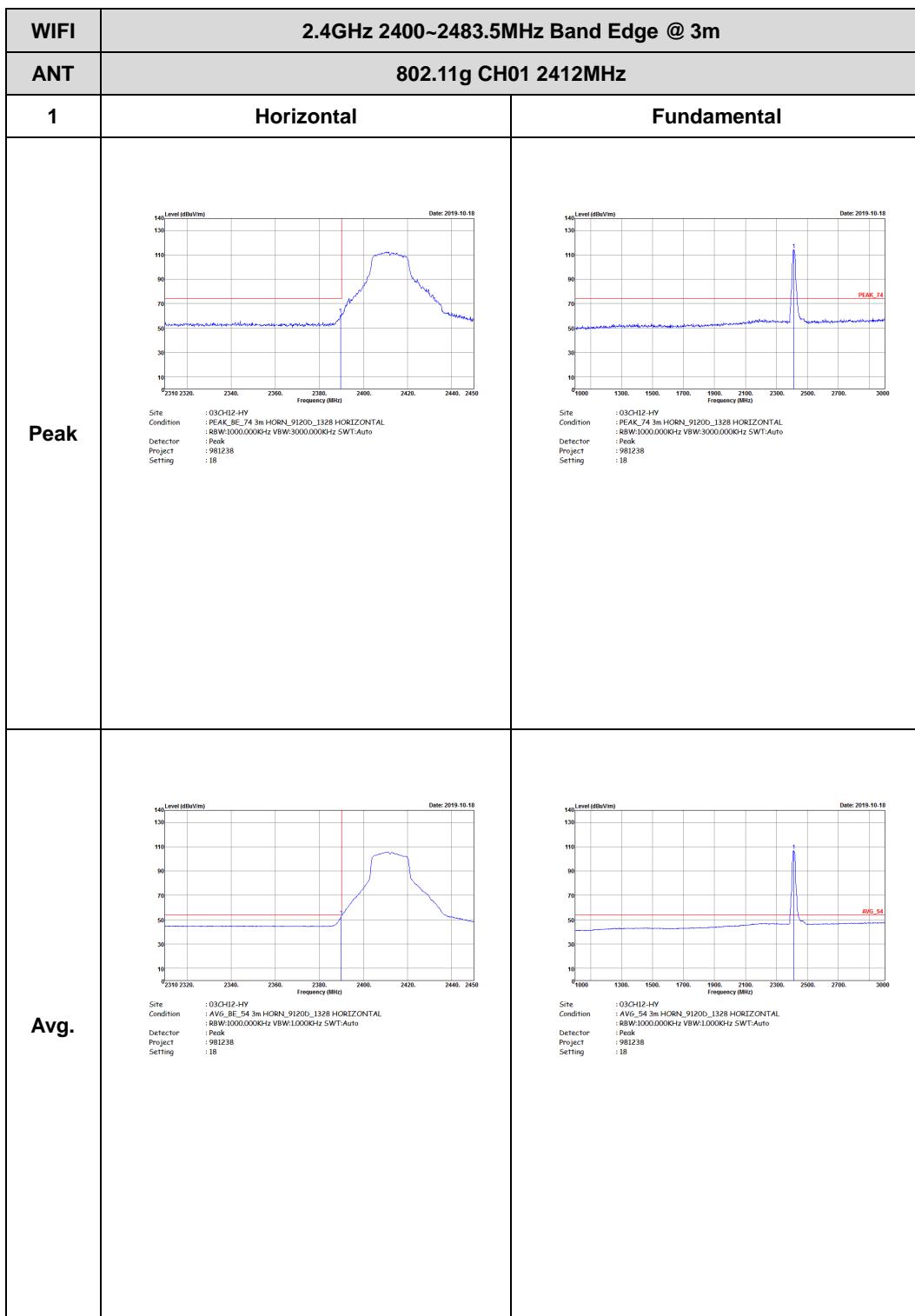


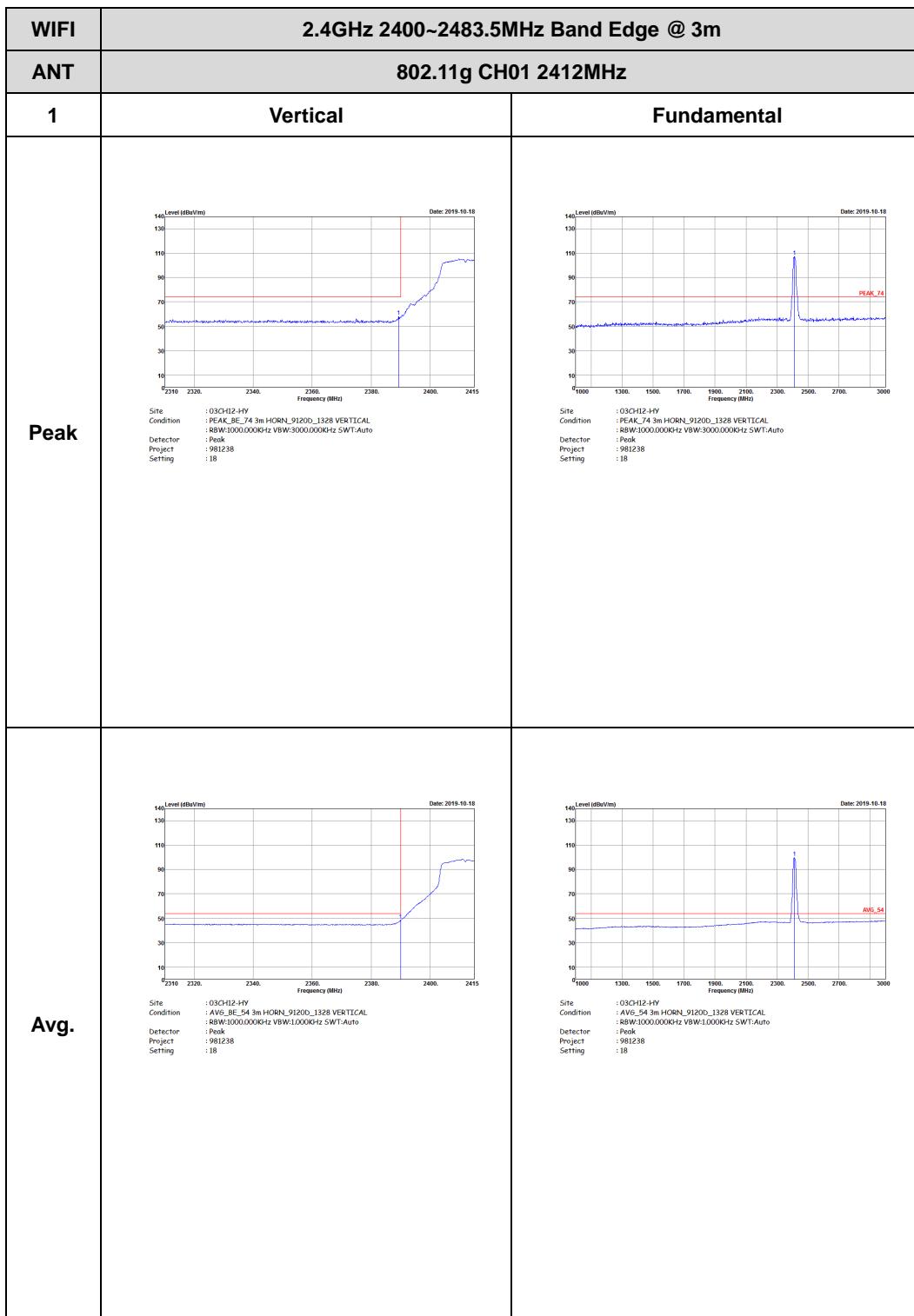


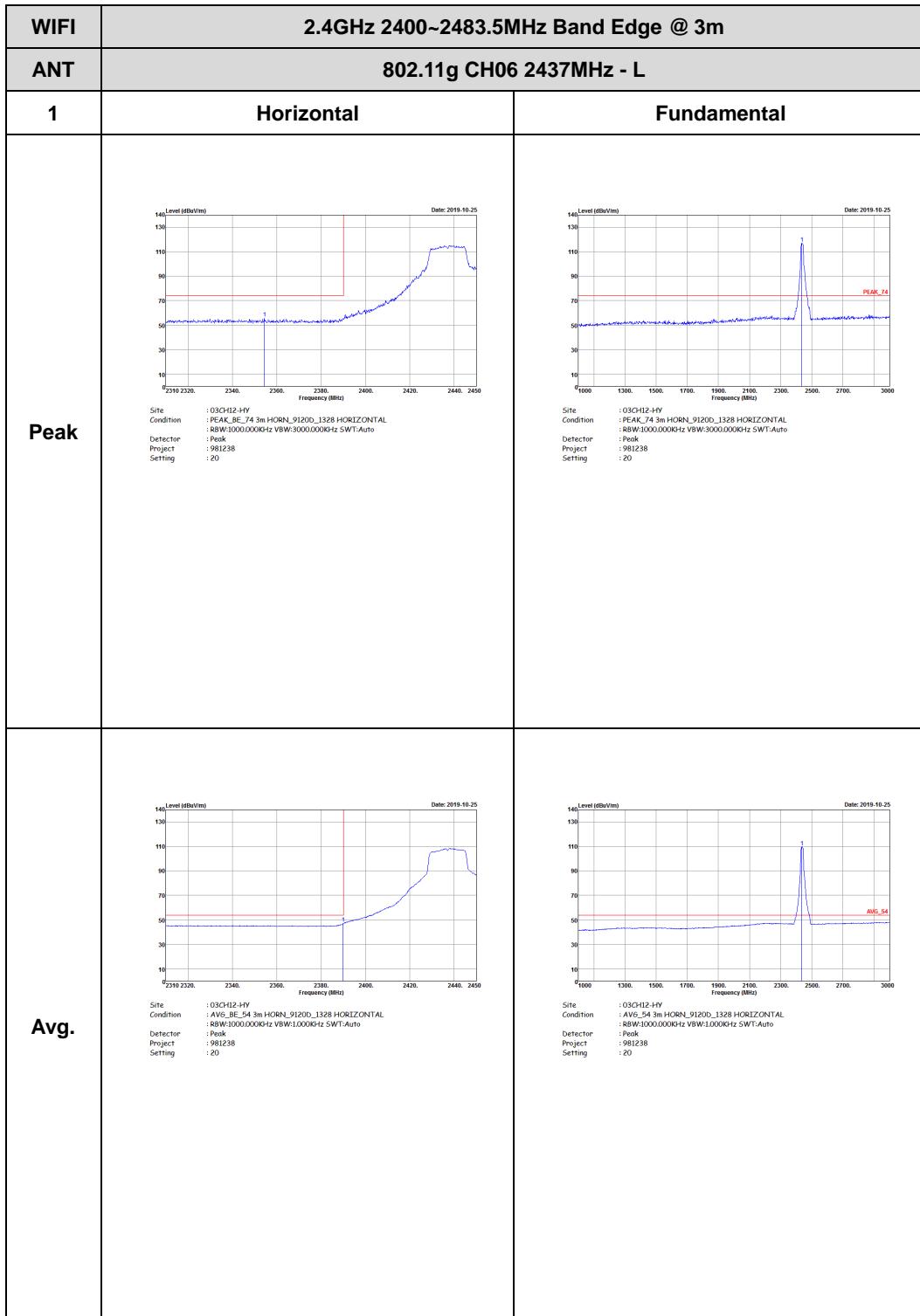


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

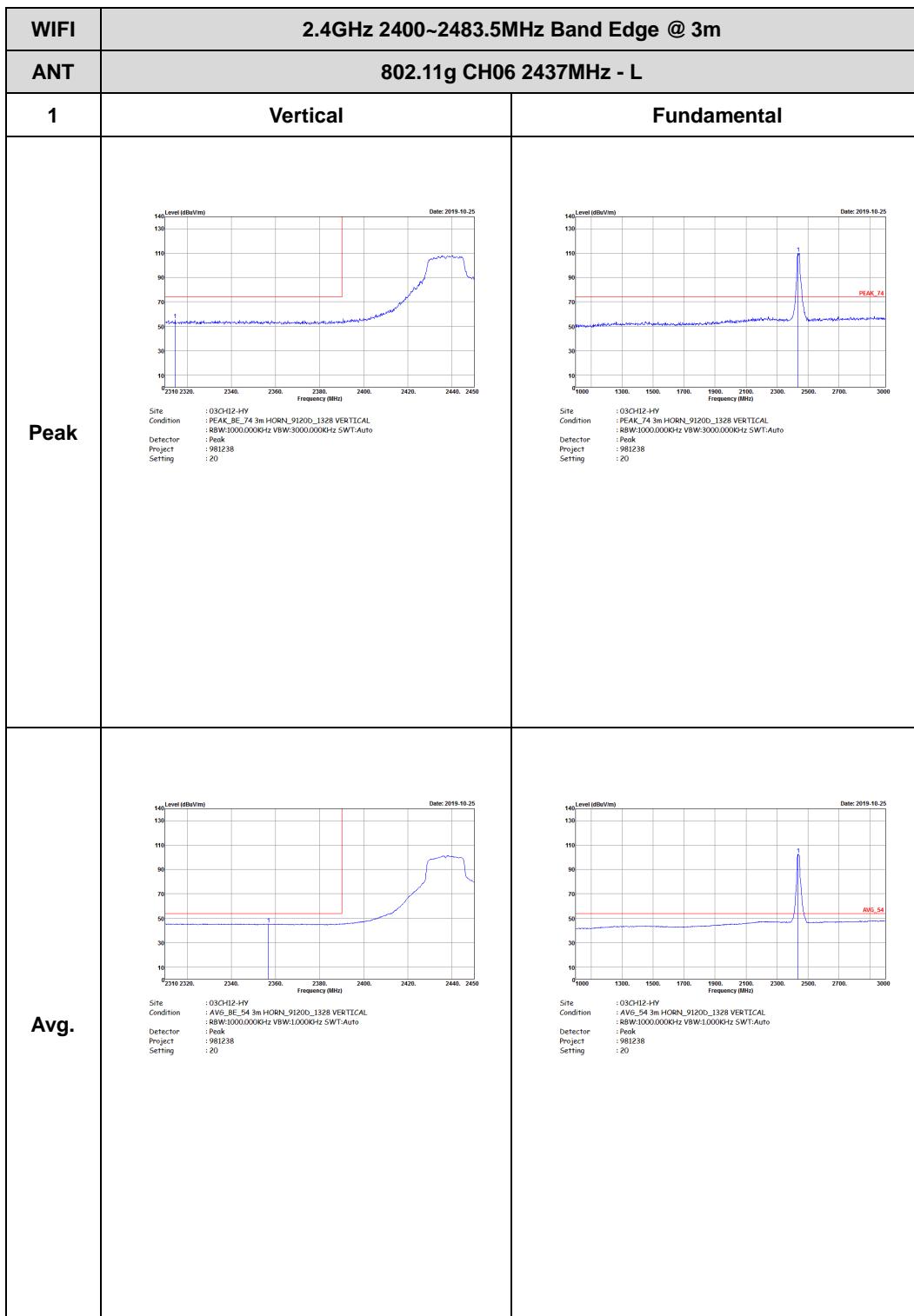






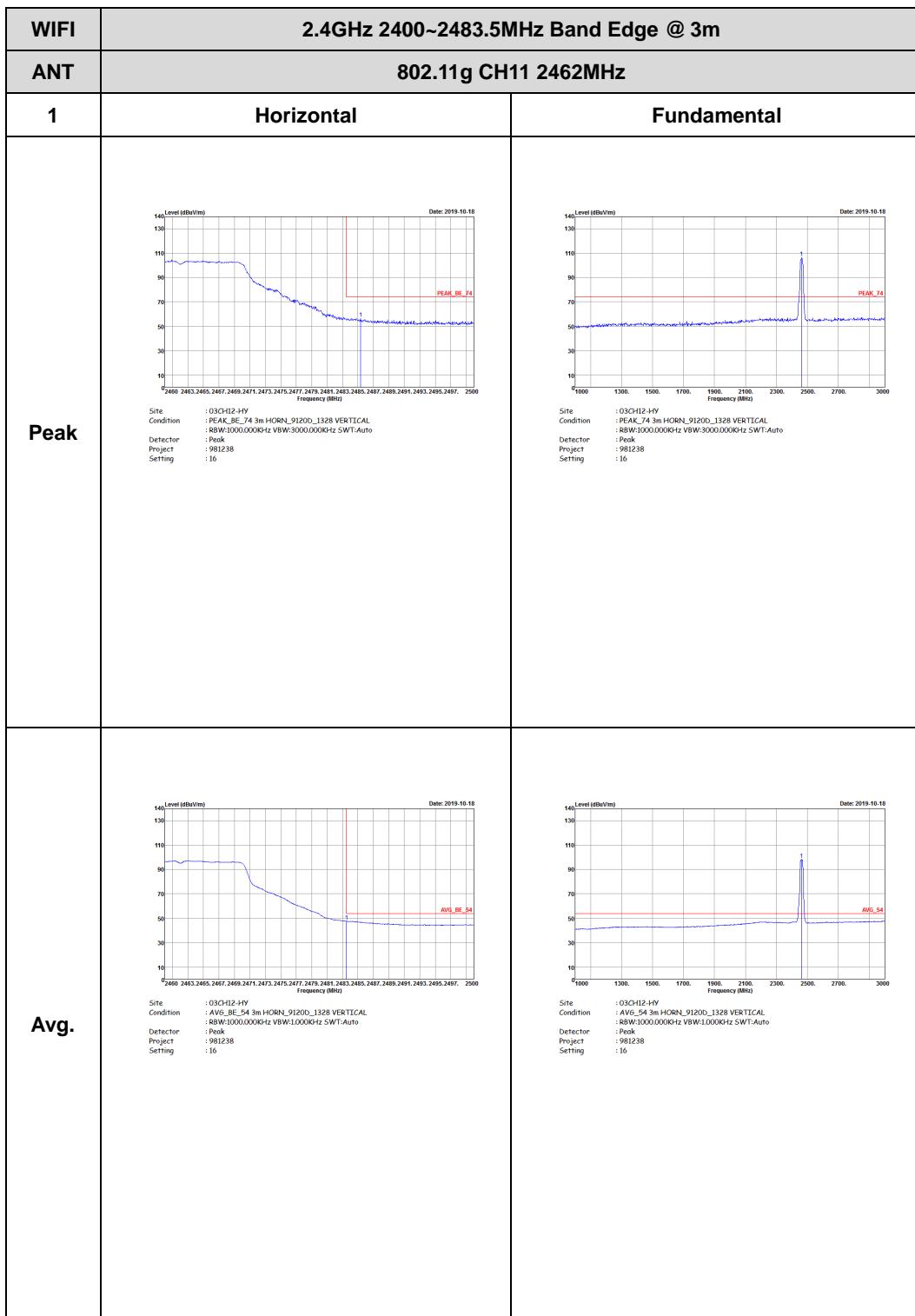


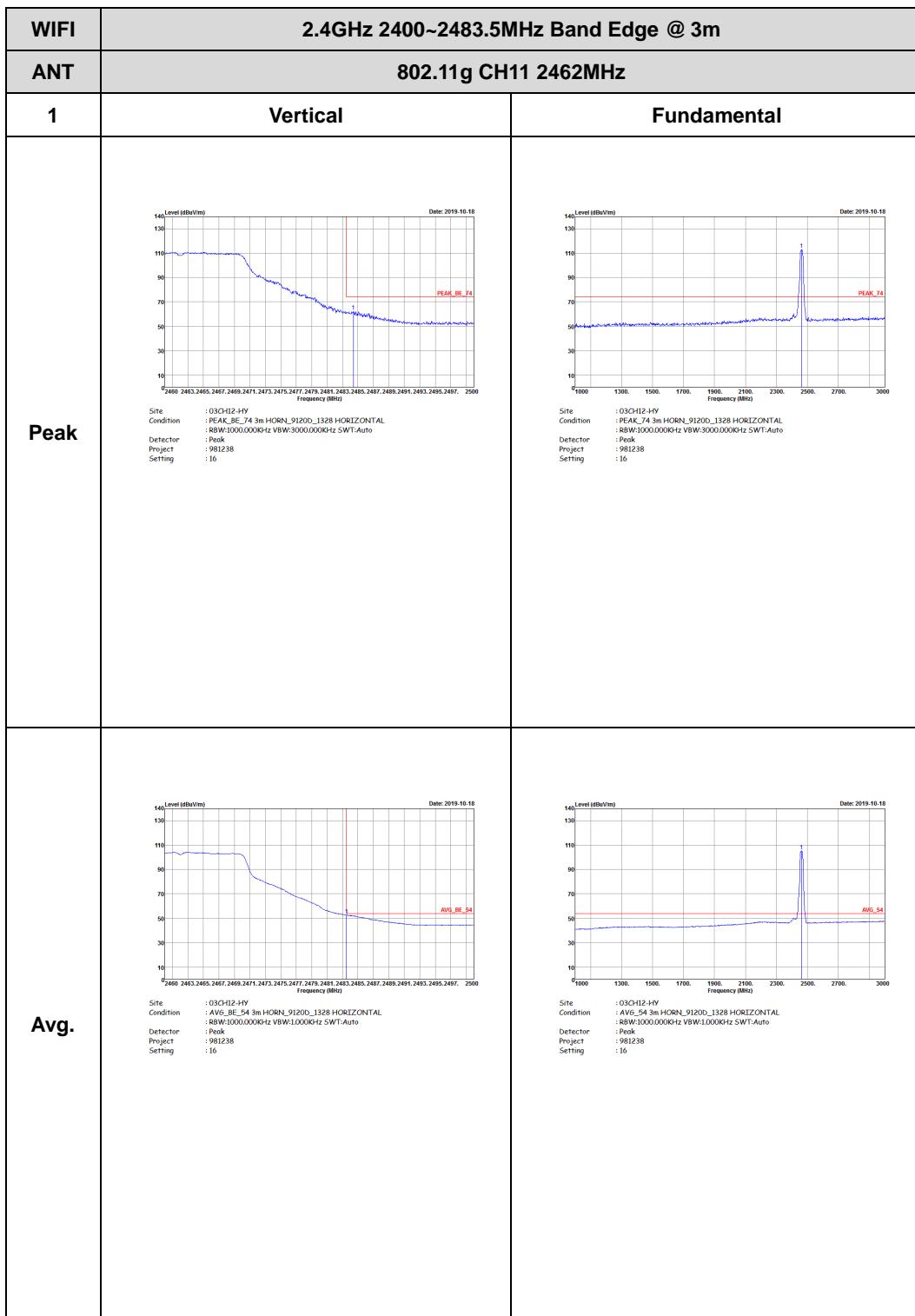
| | | |
|-------------|--|--------------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11g CH06 2437MHz - R | |
| 1 | Horizontal | Fundamental |
| Peak | <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 20</p> | Left blank |
| Avg. | <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : 88W:1000.000KHz VBW:1000.000KHz SWT:Auto Project : 981238 Setting : 20</p> | Left blank |





| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11g CH06 2437MHz - R | |
| 1 | Vertical | Fundamental |
| Peak | <p>Level (dBuV/m)</p> <p>Date: 2019-10-25</p> <p>2430 2440 2450 2460 2470 2480 2490 2500 Frequency (MHz)</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 20</p> <p>PEAK_BE_74</p> | Left Blank |
| Avg. | <p>Level (dBuV/m)</p> <p>Date: 2019-10-25</p> <p>2430 2440 2450 2460 2470 2480 2490 2500 Frequency (MHz)</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:1000.000KHz SWT:Auto Project : 981238 Setting : 20</p> <p>AVG_BE_54</p> | Left Blank |

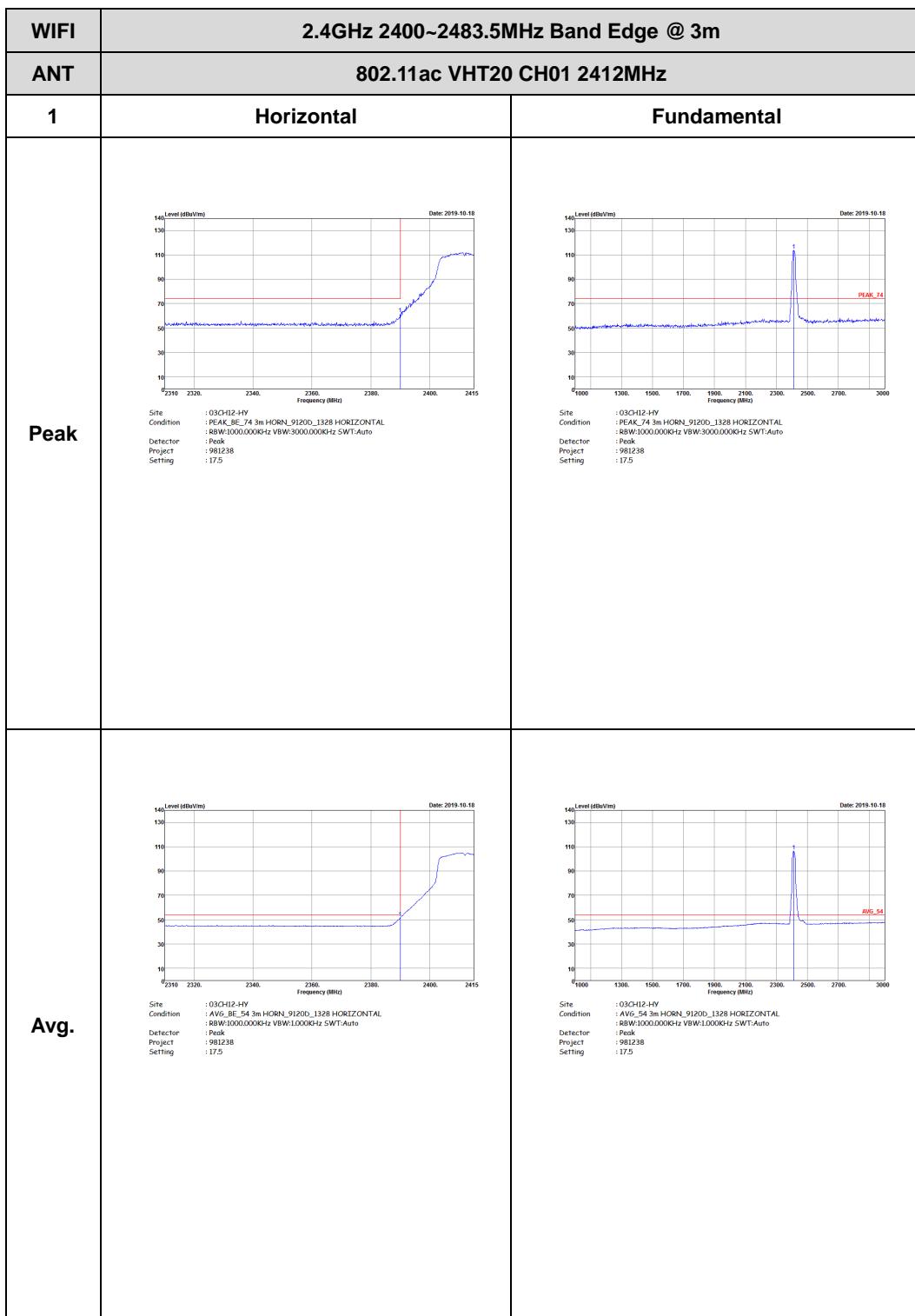


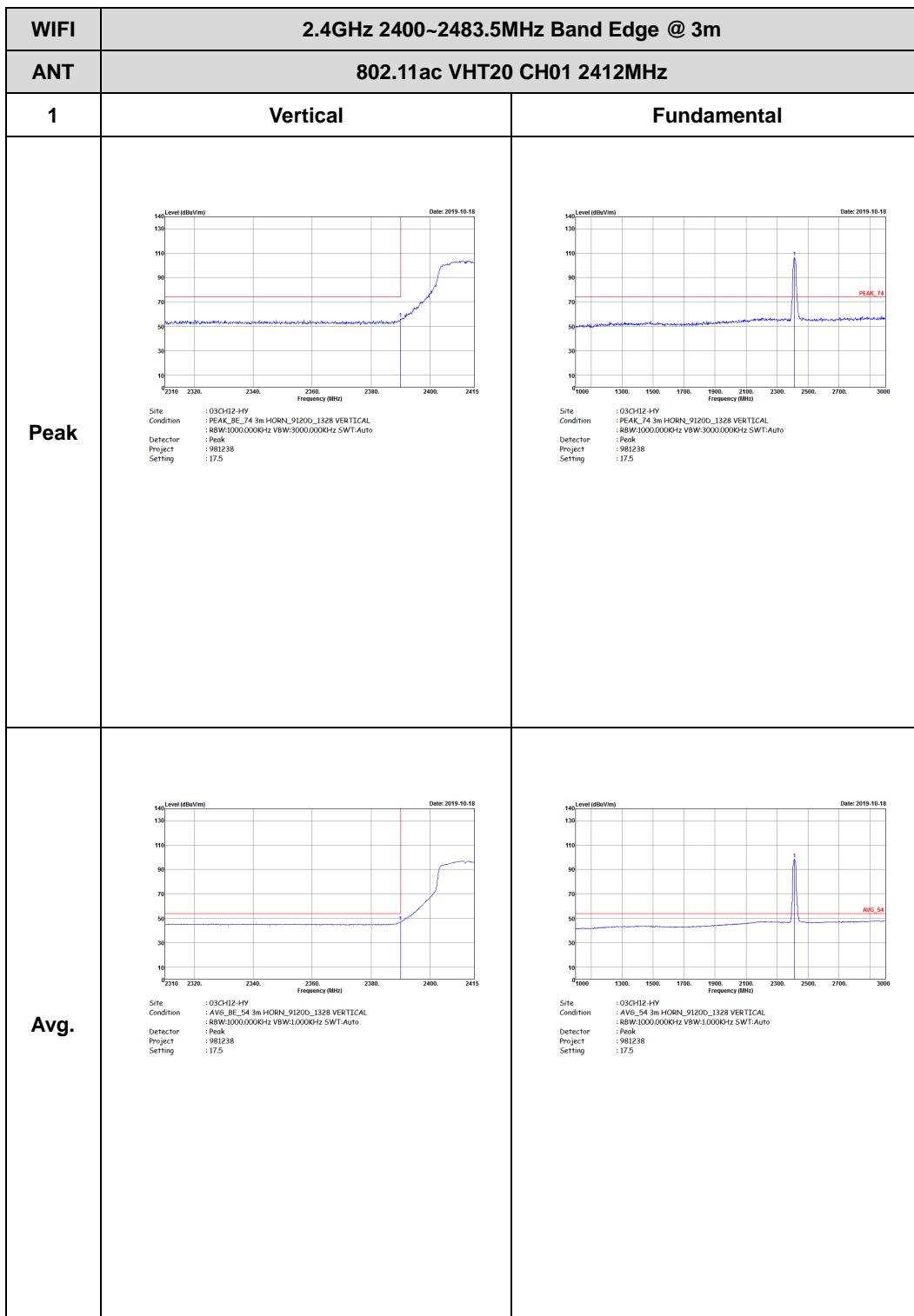


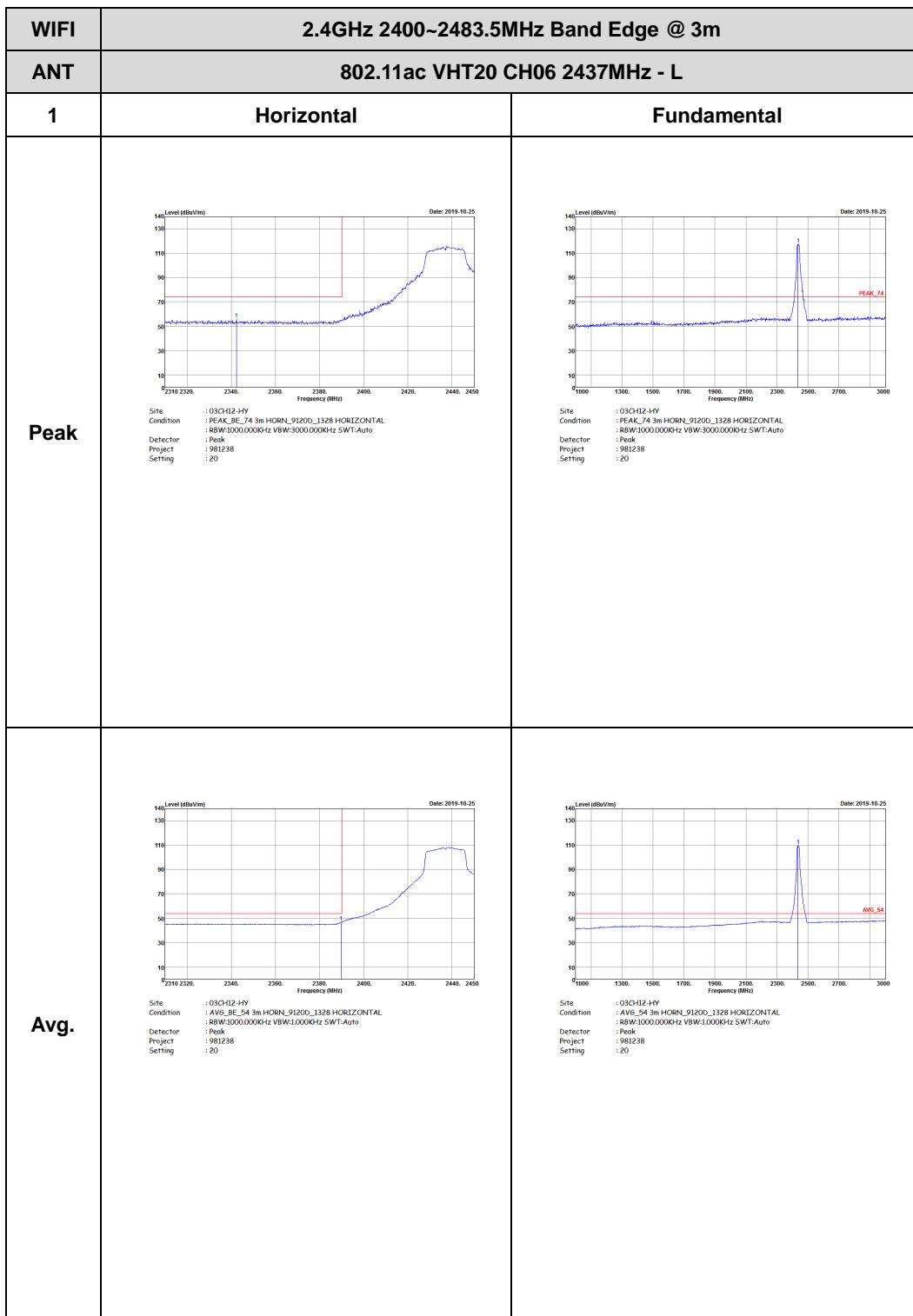


2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

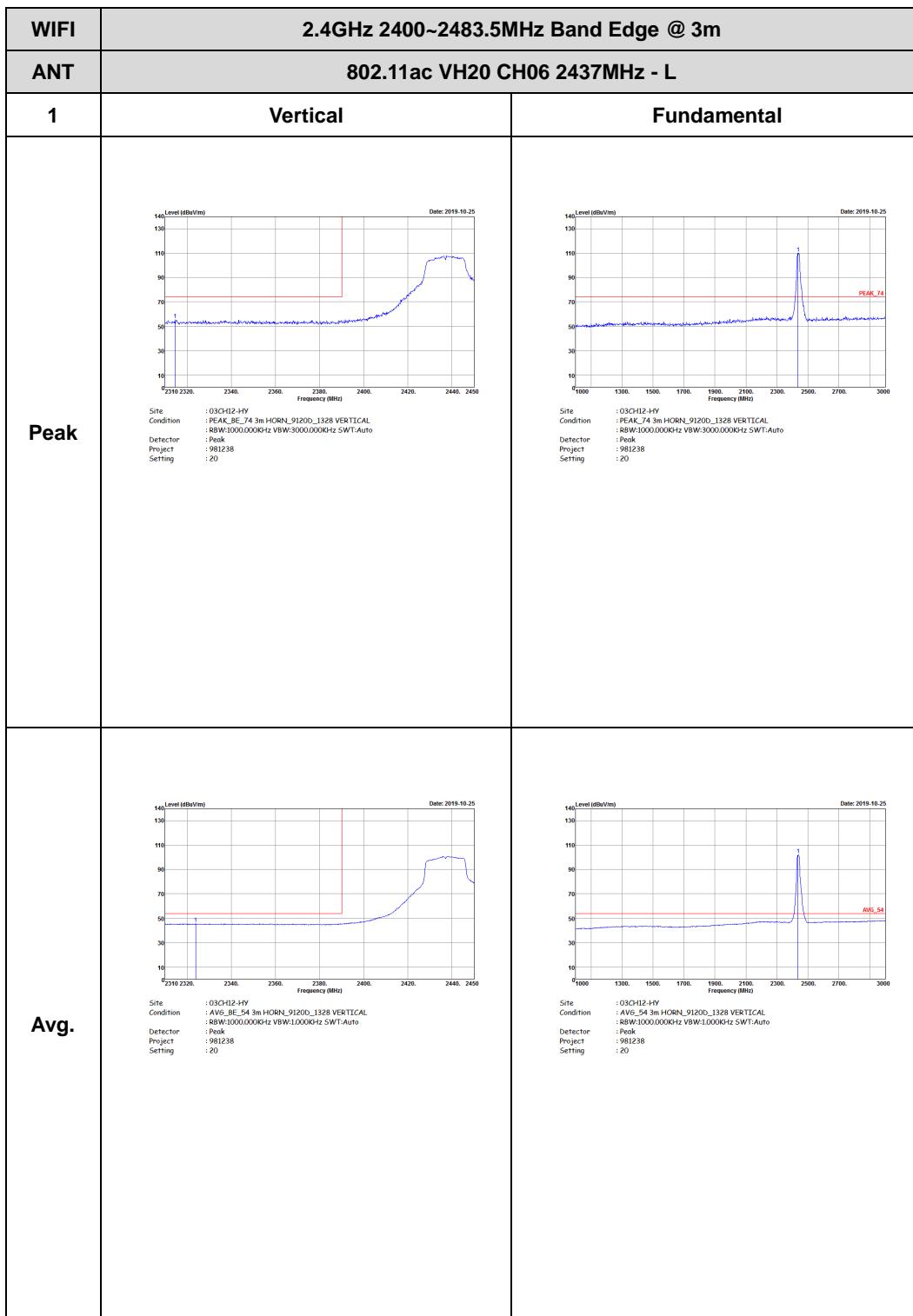






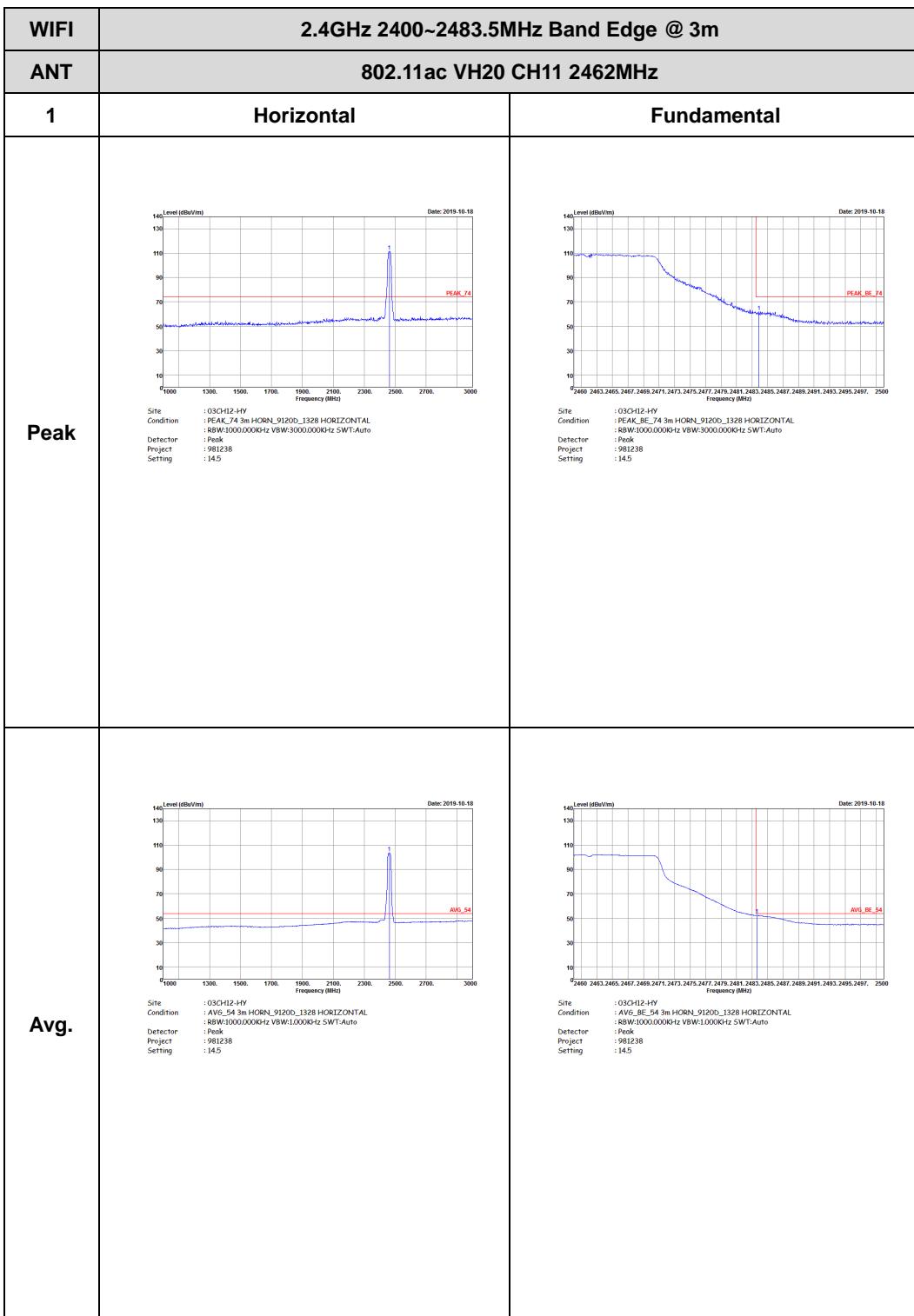


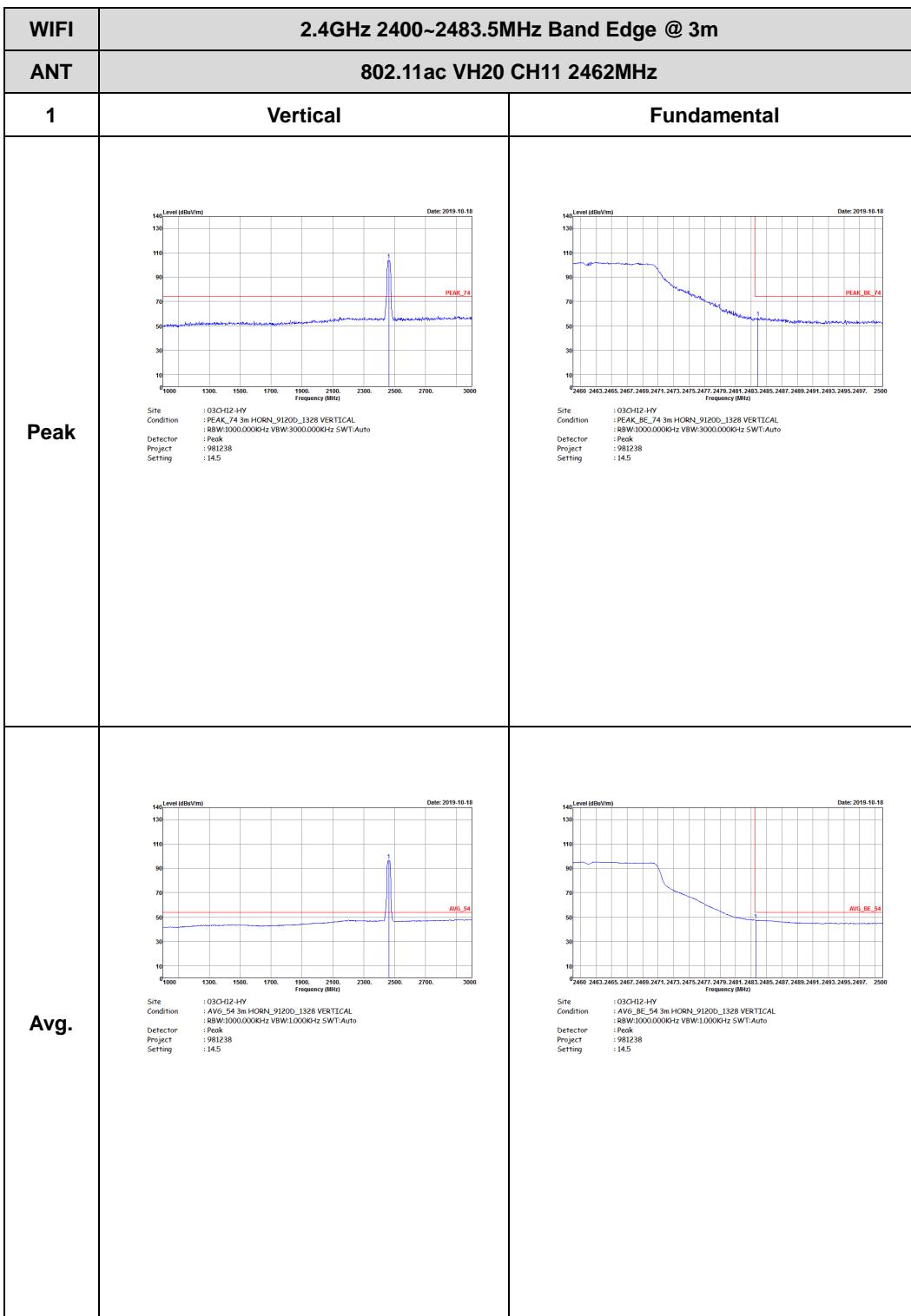
| | | |
|-------------|---|--------------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH20 CH06 2437MHz - R | |
| 1 | Horizontal | Fundamental |
| Peak | <p>Site : 03CH12-HV Condition : PEAK_BE_74 Detector : 88W Project : 981238 Setting : 20</p> | Left blank |
| Avg. | <p>Site : 03CH12-HV Condition : AVG_BE_54 Detector : 88W Project : 981238 Setting : 20</p> | Left blank |





| | | |
|------|--|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH20 CH06 2437MHz - R | |
| 1 | Vertical | Fundamental |
| Peak | <p>14_Level (dBmV/m)</p> <p>Date: 2019-10-25</p> <p>2430 2440 2450 2460 2470 2480 2490 2500 Frequency (MHz)</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 20</p> | Left blank |
| Avg. | <p>14_Level (dBmV/m)</p> <p>Date: 2019-10-25</p> <p>2430 2440 2450 2460 2470 2480 2490 2500 Frequency (MHz)</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:1000.000KHz SWT:Auto Project : 981238 Setting : 20</p> | Left blank |

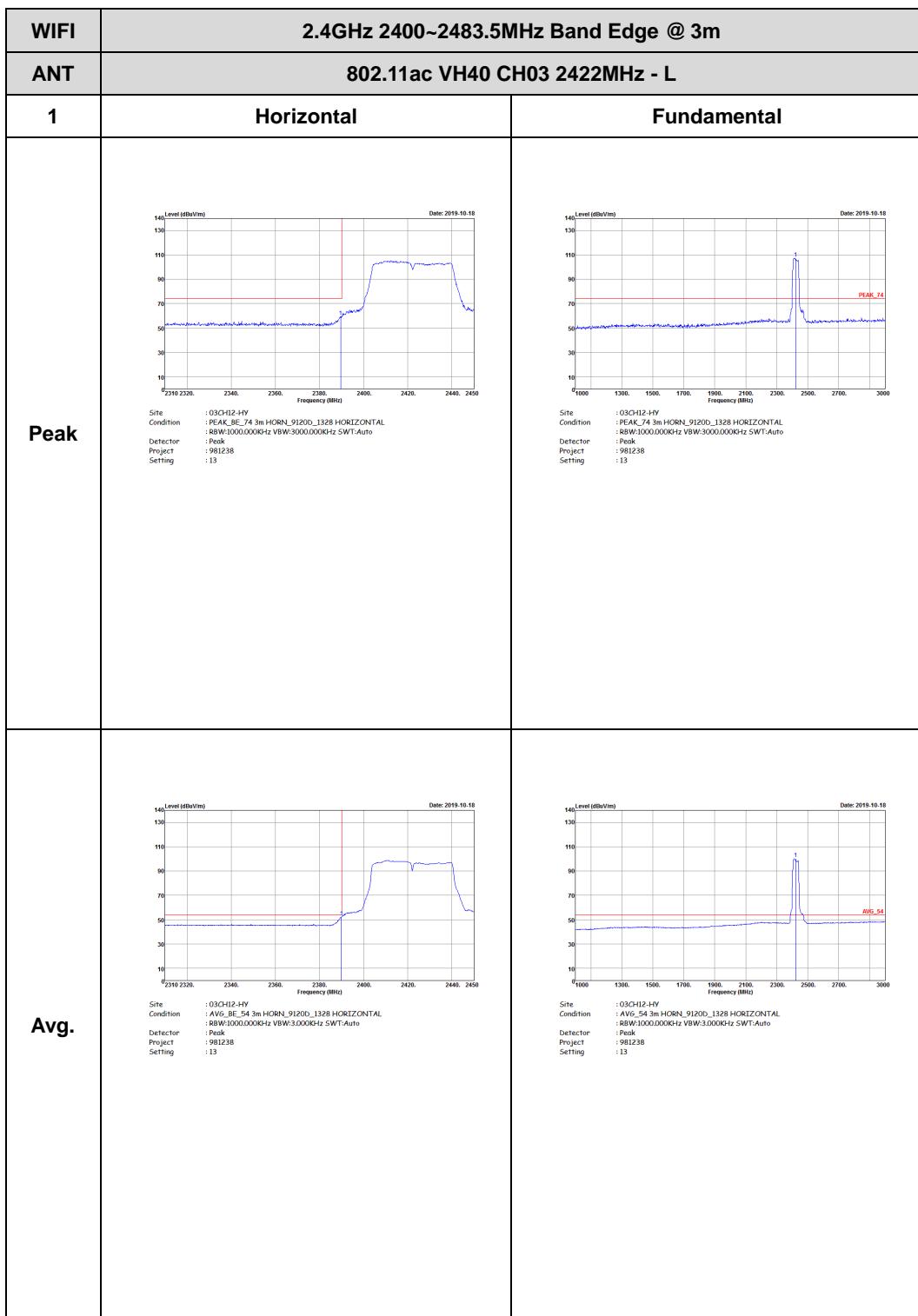






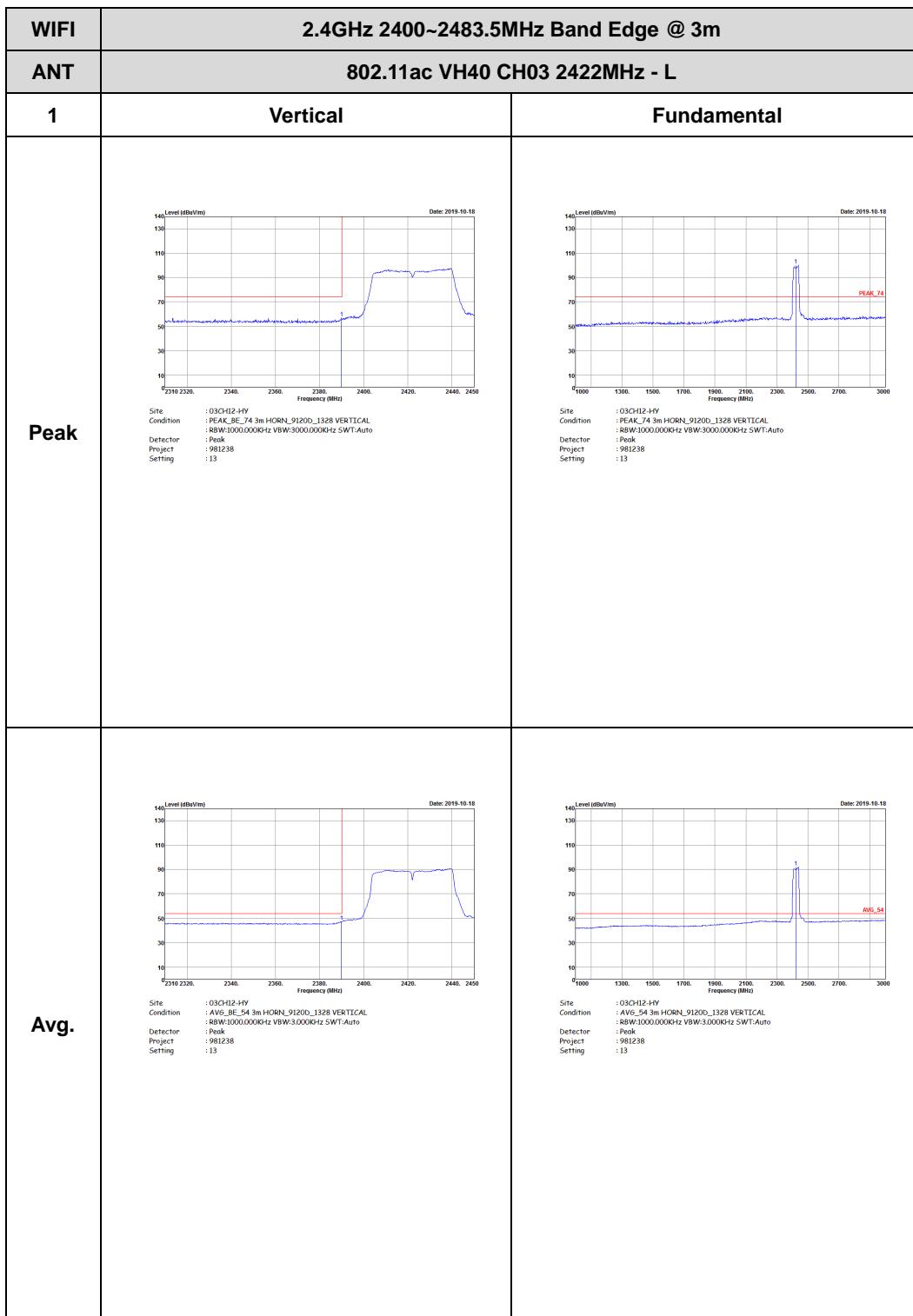
2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

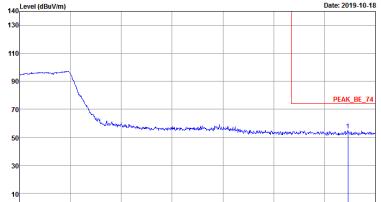
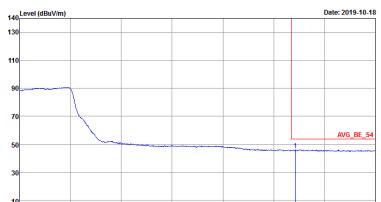


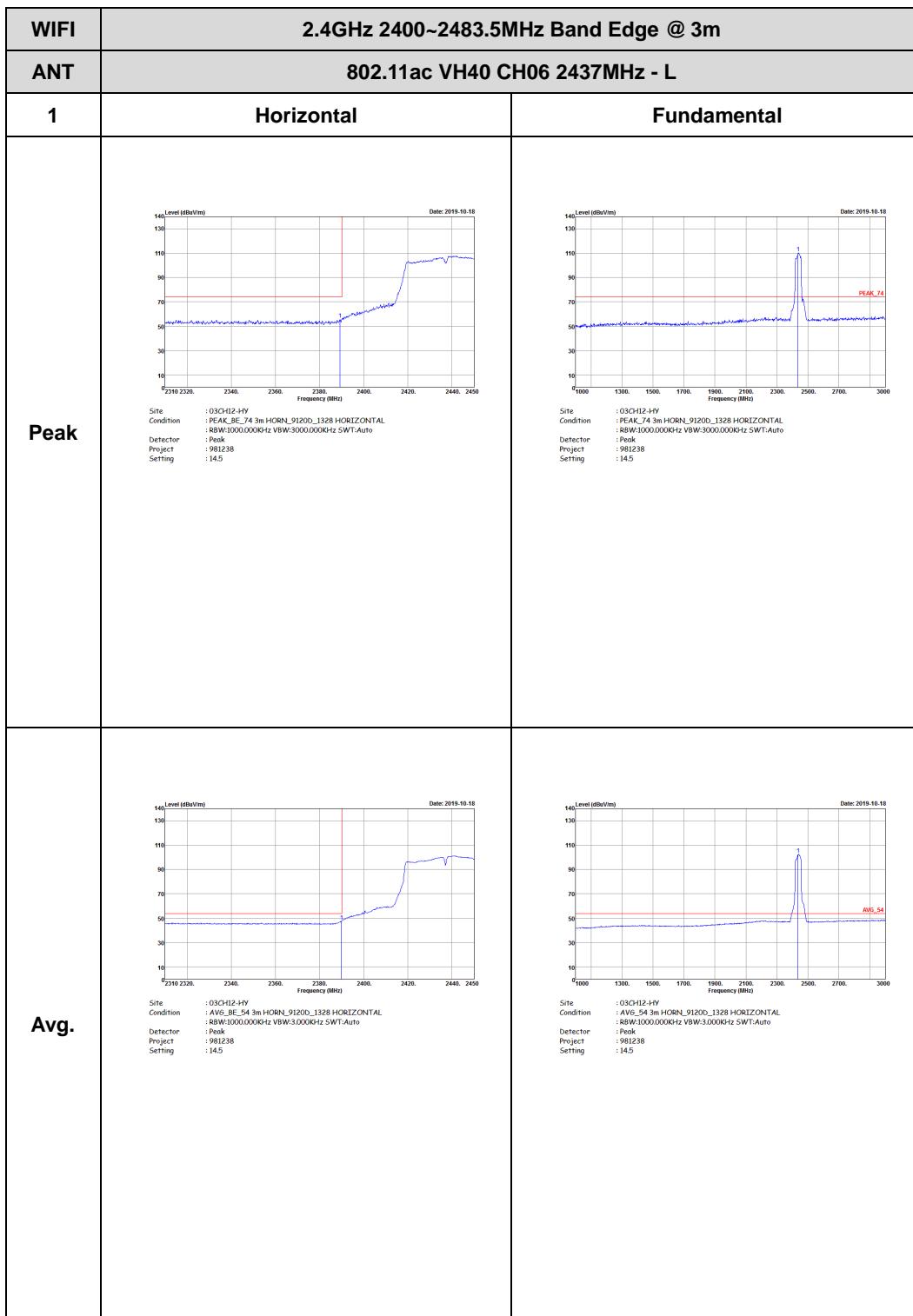


| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH03 2422MHz - R | |
| 1 | Horizontal | Fundamental |
| Peak | <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 13</p> | Left blank |
| Avg. | <p>Site : 03CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 13</p> | Left blank |

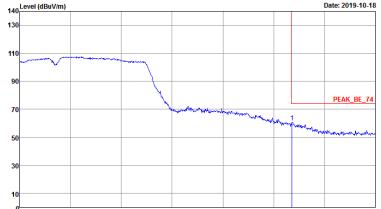
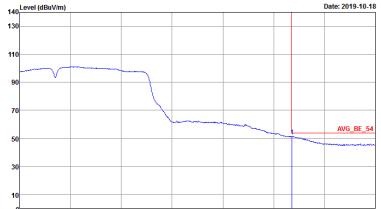




| | | |
|------|--|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH03 2422MHz - R | |
| 1 | Vertical | Fundamental |
| Peak |  <p>14_Level (dBuV/m)</p> <p>Date: 2019-10-18</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 13</p> | Left blank |
| Avg. |  <p>14_Level (dBuV/m)</p> <p>Date: 2019-10-18</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Setting : 981238 Setting : 13</p> | Left blank |





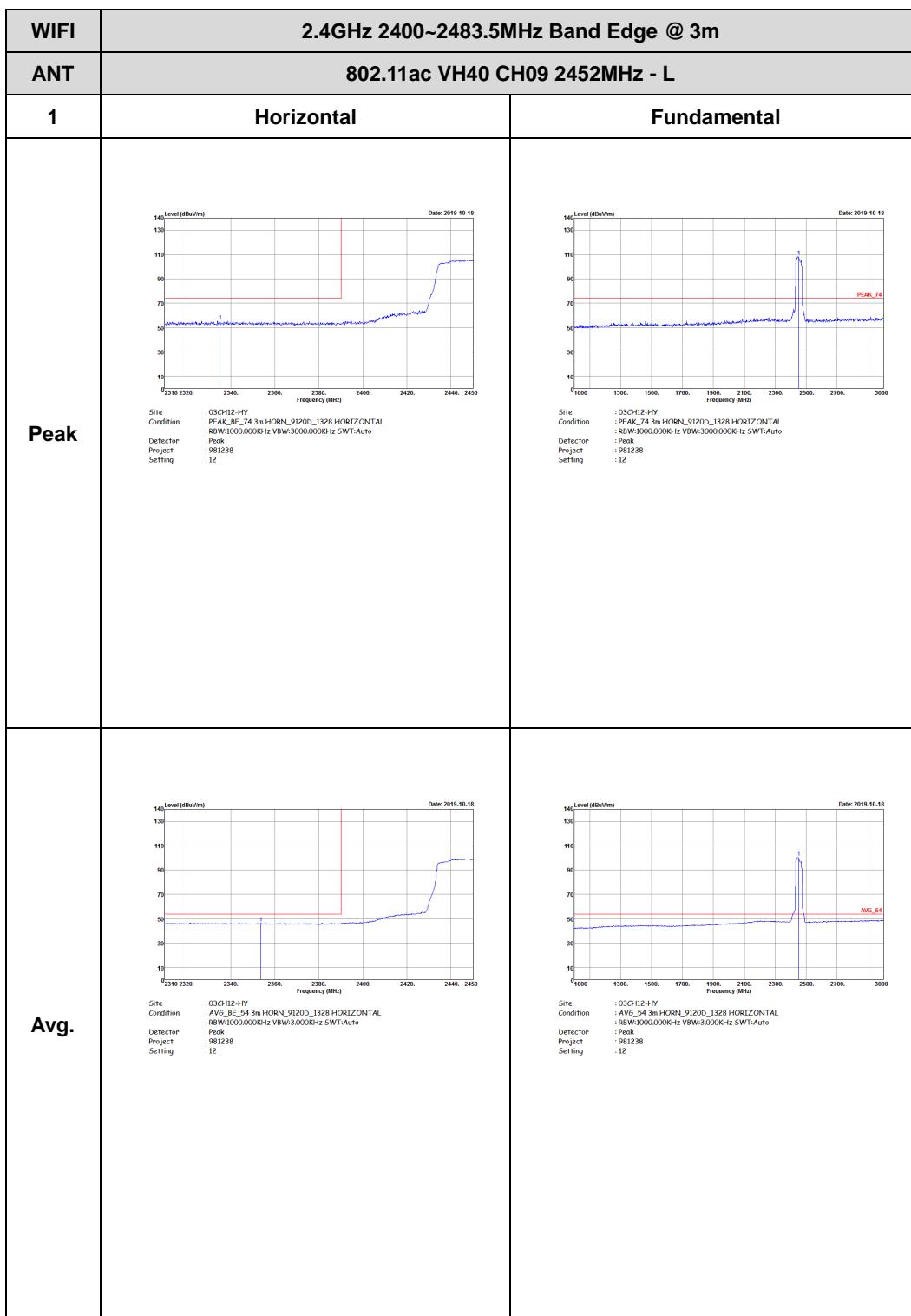
| | | |
|------|--|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH06 2437MHz - R | |
| 1 | Horizontal | Fundamental |
| Peak |  <p>14_Level (dBuV/m)</p> <p>Date: 2019-10-18</p> <p>2430 2440 2450 2460 2470 2480 2490 2500 Frequency (MHz)</p> <p>PEAK_BE_74</p> <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 14.5</p> | Left blank |
| Avg. |  <p>14_Level (dBuV/m)</p> <p>Date: 2019-10-18</p> <p>2430 2440 2450 2460 2470 2480 2490 2500 Frequency (MHz)</p> <p>AVG_BE_54</p> <p>Site : 03CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Setting : 14.5</p> | Left blank |



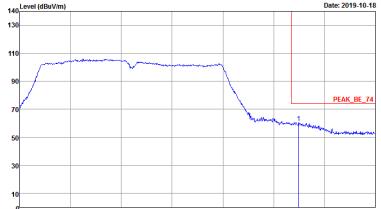
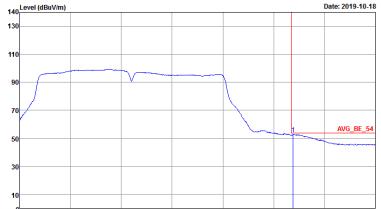
| | | |
|------|---|--|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH06 2437MHz - L | |
| 1 | Vertical | Fundamental |
| Peak | Site : 03C112-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 14.5 | Site : 03C112-HV Condition : PEAK_74 3m HORN_9120D_1328 VERTICAL : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 14.5 |
| Avg. | Site : 03C112-HV Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 14.5 | Site : 03C112-HV Condition : AVG_54 3m HORN_9120D_1328 VERTICAL : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 14.5 |

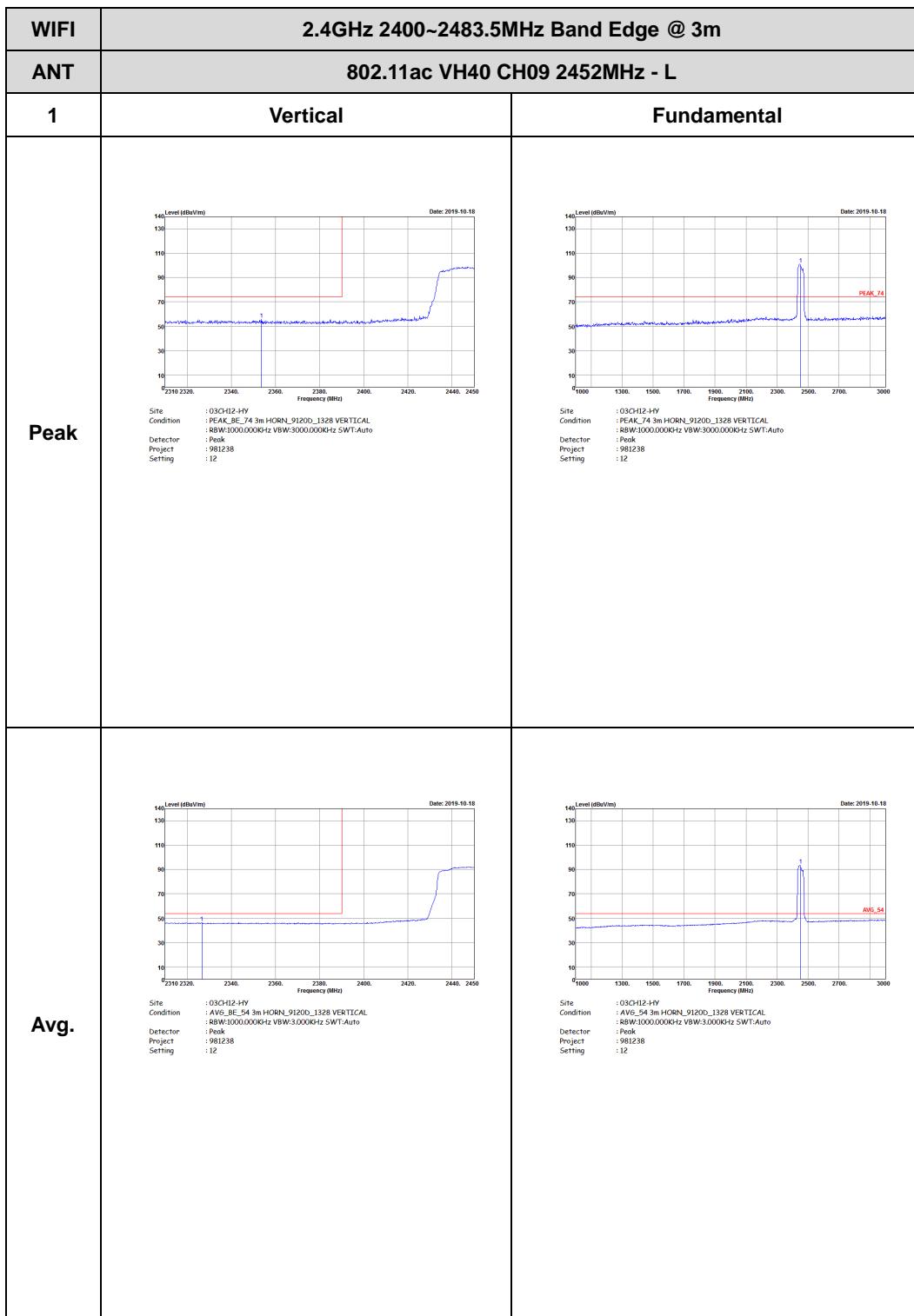


| | | |
|------|--|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH06 2437MHz - R | |
| 1 | Vertical | Fundamental |
| Peak | <p>14_Level (dBm/Vm)</p> <p>Date: 2019-10-18</p> <p>2430 2440 2450 2460 2470 2480 2490 2500 Frequency (MHz)</p> <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORNL_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 14.5</p> | Left blank |
| Avg. | <p>14_Level (dBm/Vm)</p> <p>Date: 2019-10-18</p> <p>2430 2440 2450 2460 2470 2480 2490 2500 Frequency (MHz)</p> <p>Site : 03CH12-HV Condition : AVG_BE_54 3m HORNL_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Setting : 981238 Setting : 14.5</p> | Left blank |

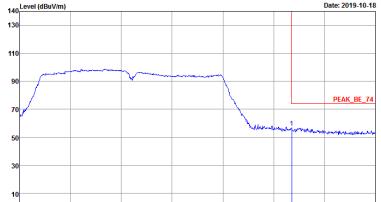
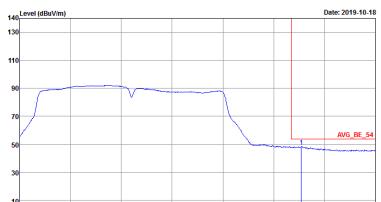




| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH09 2452MHz - R | |
| 1 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 12</p> | Left blank |
| Avg. |  <p>Site : 03CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 12</p> | Left blank |



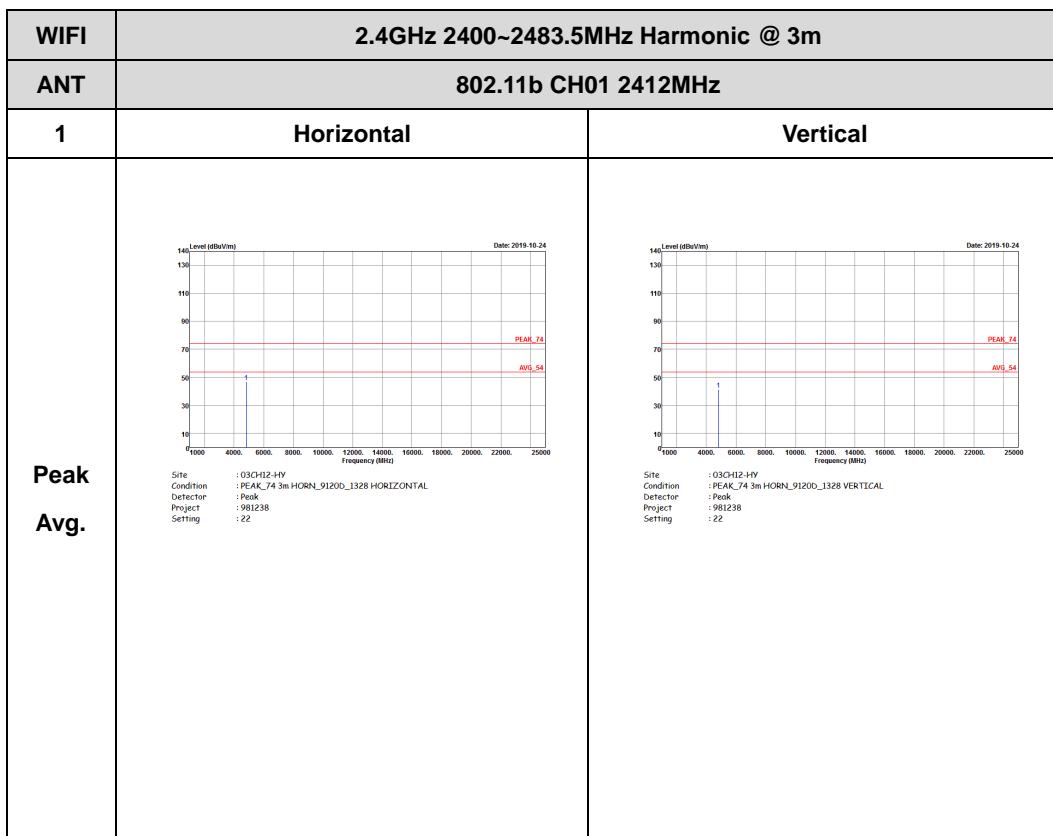


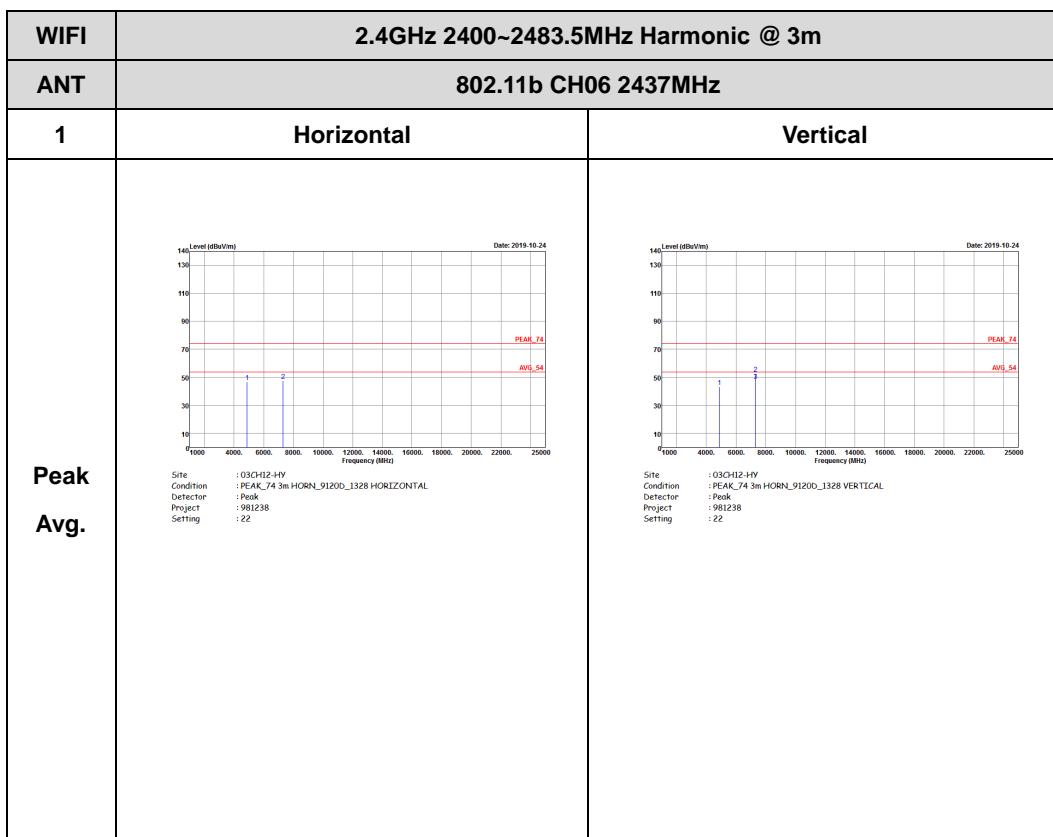
| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH09 2452MHz - R | |
| 1 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORNL_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 12</p> | Left blank |
| Avg. |  <p>Site : 03CH12-HV Condition : AVG_BE_54 3m HORNL_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 981238 Setting : 12</p> | Left blank |

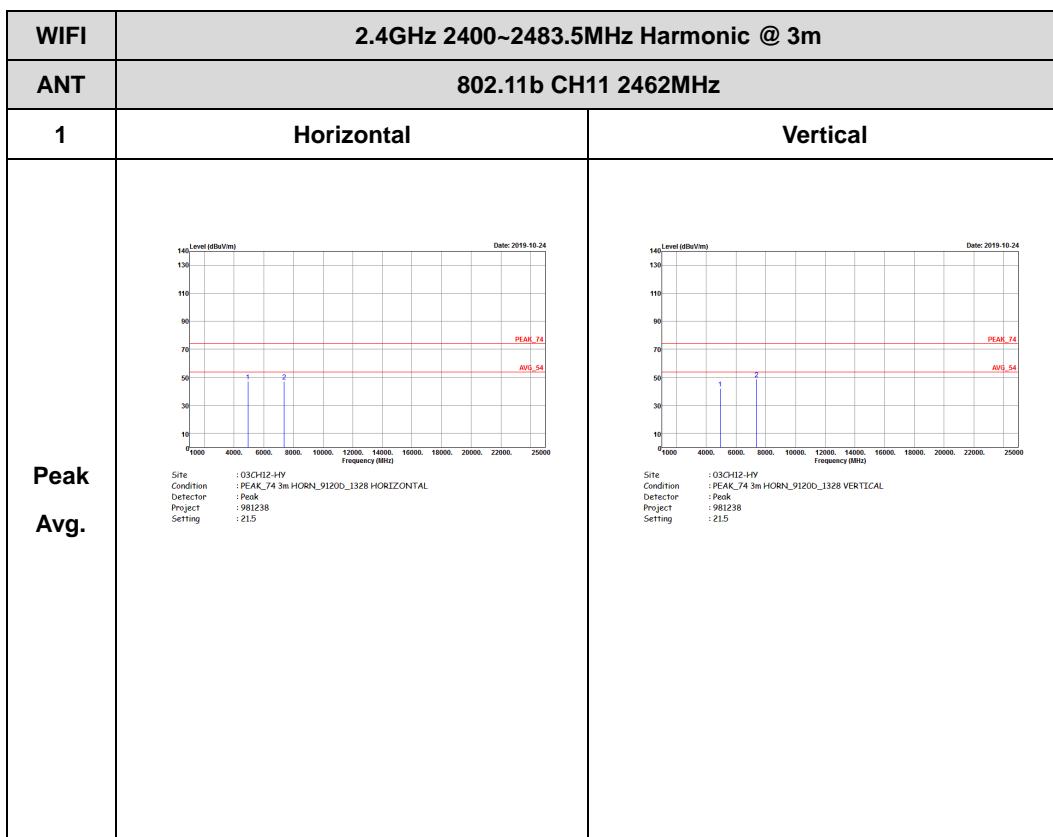


2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)



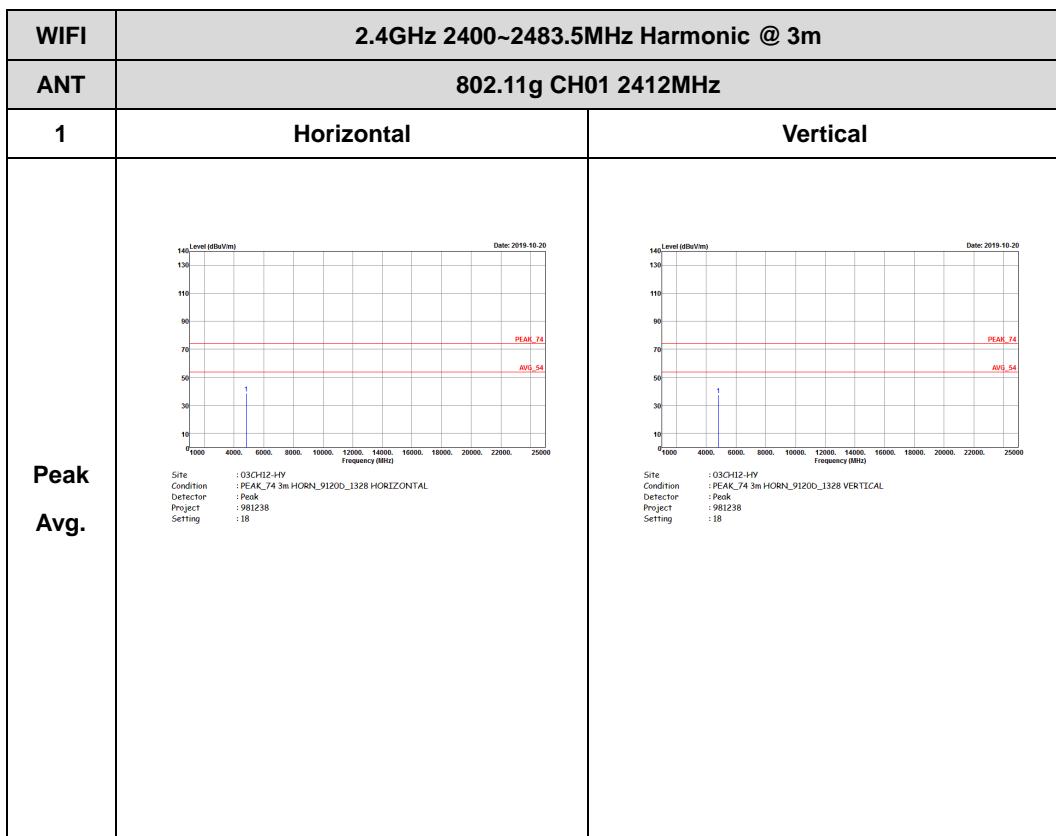


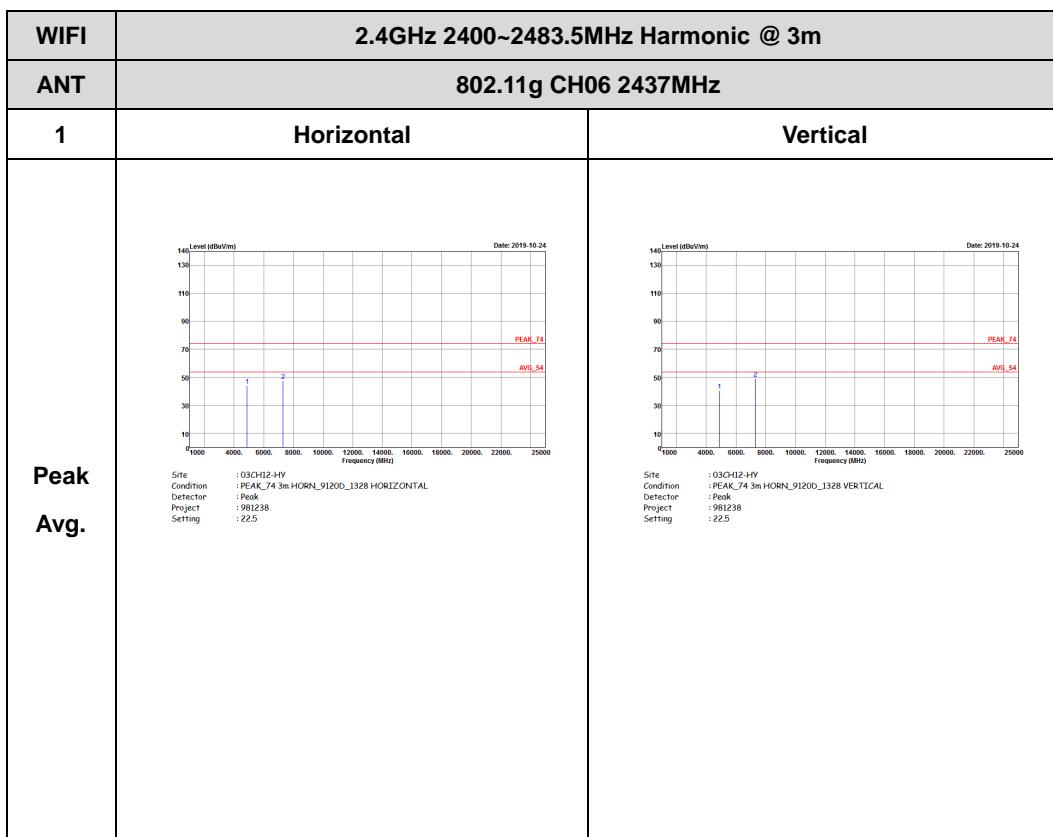


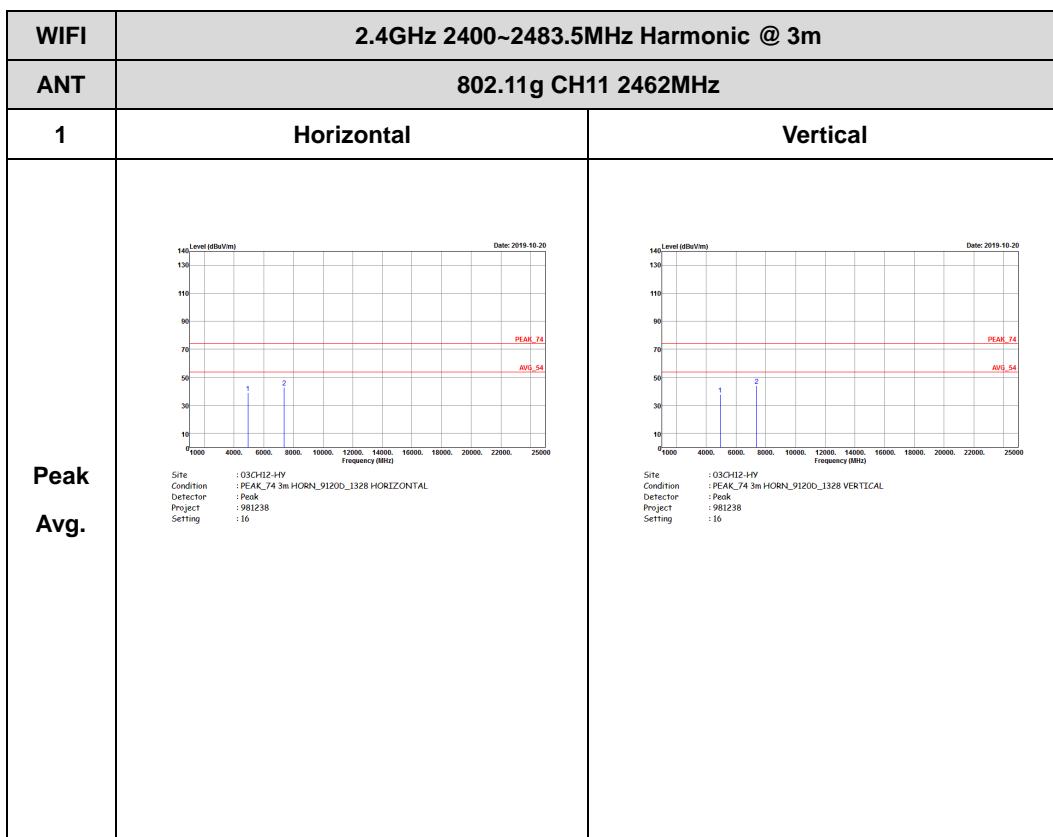


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)



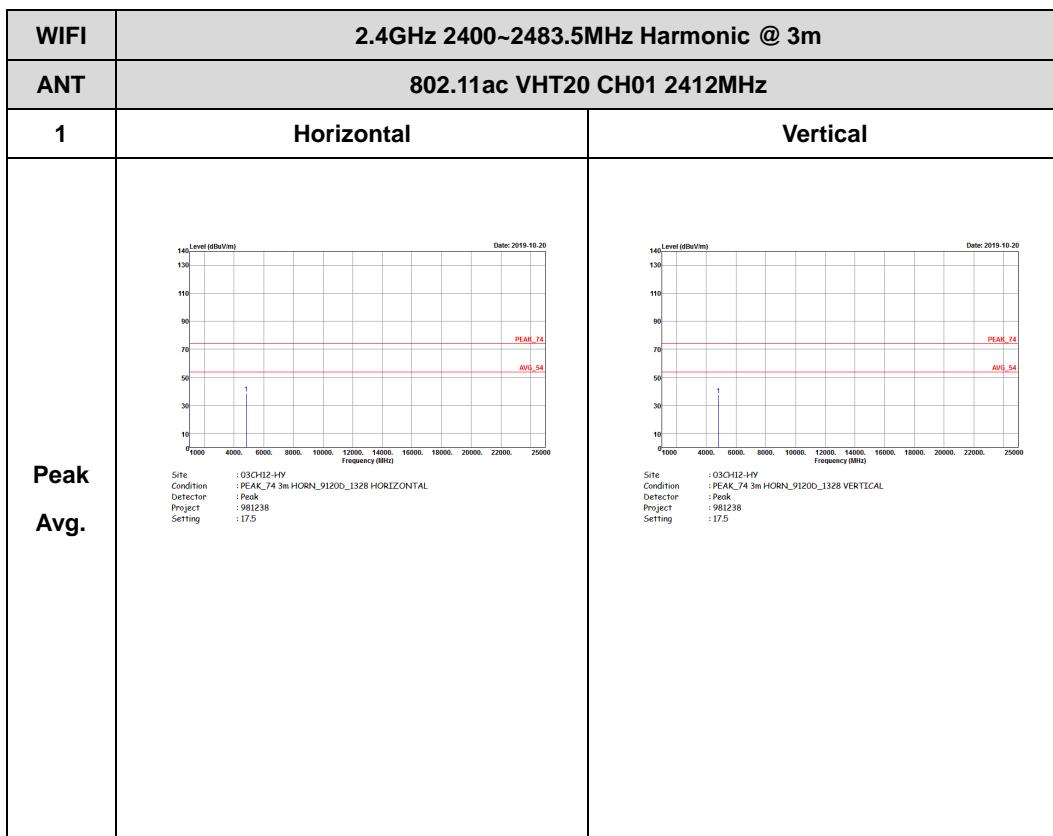


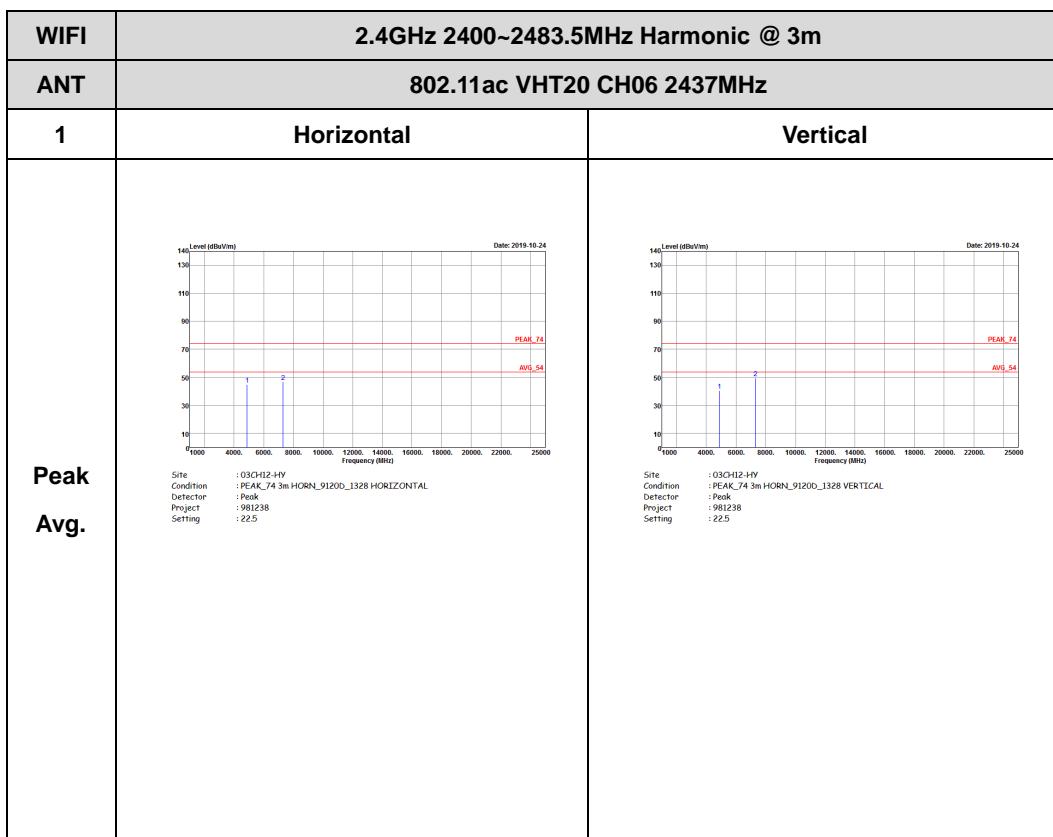


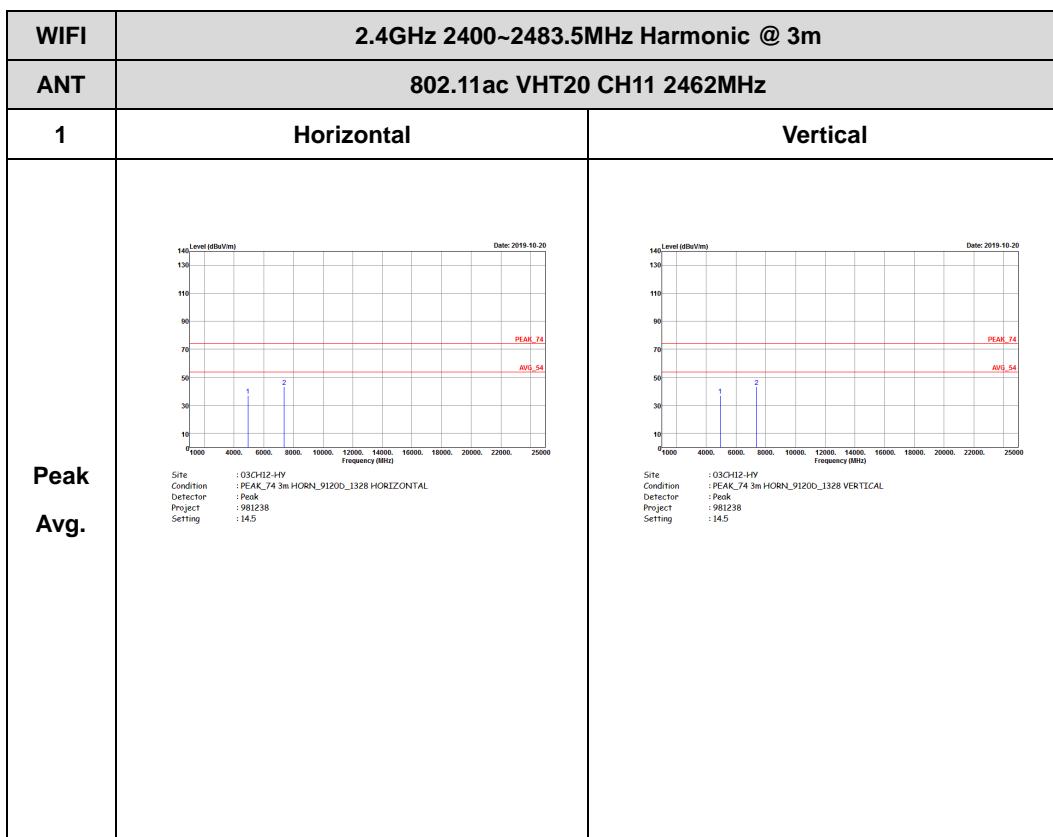


2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)



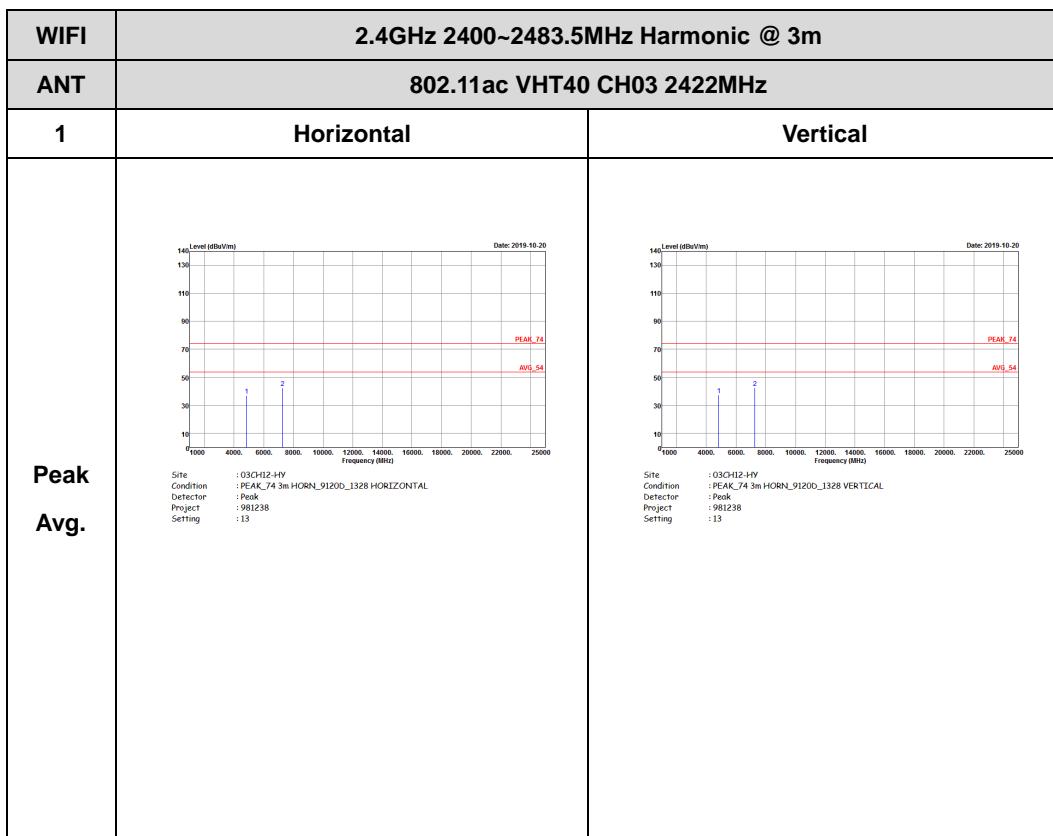


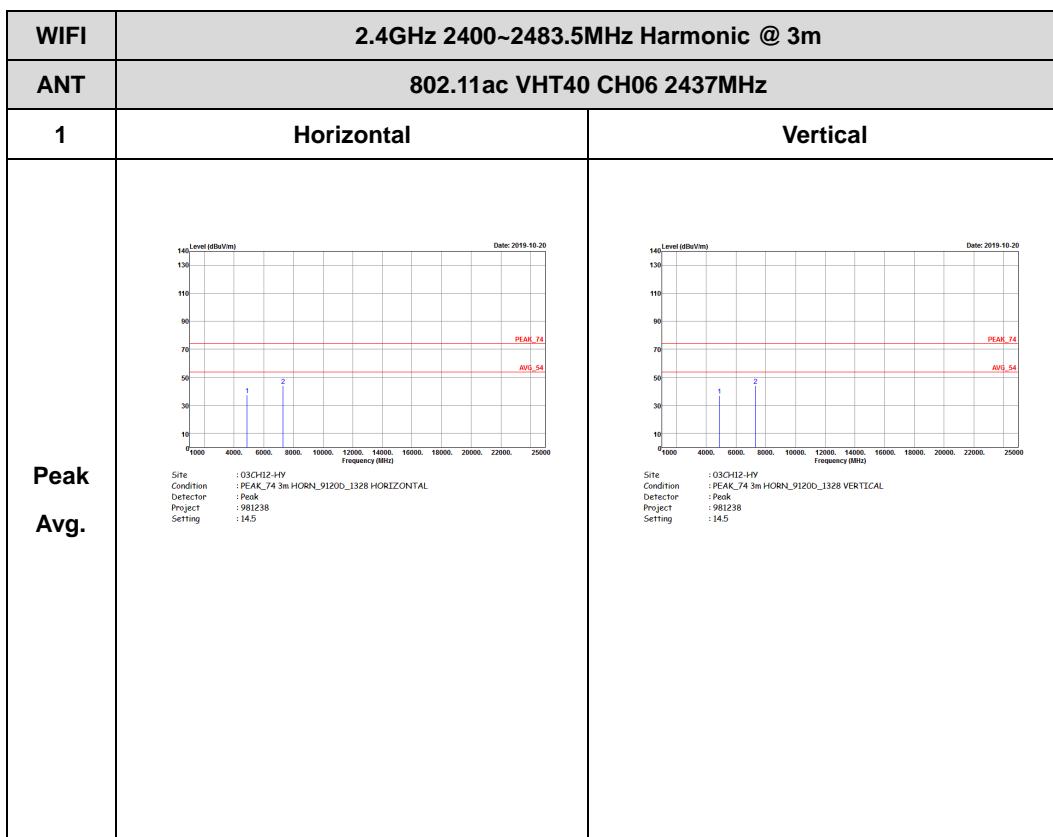


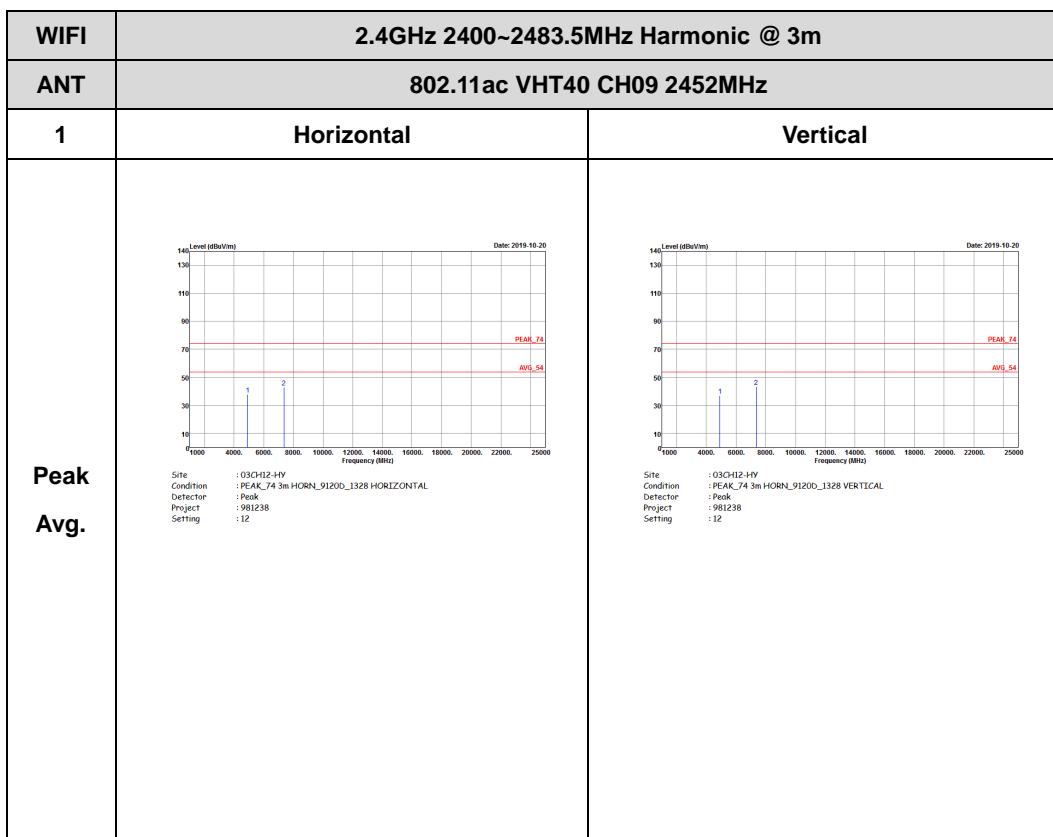


2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)





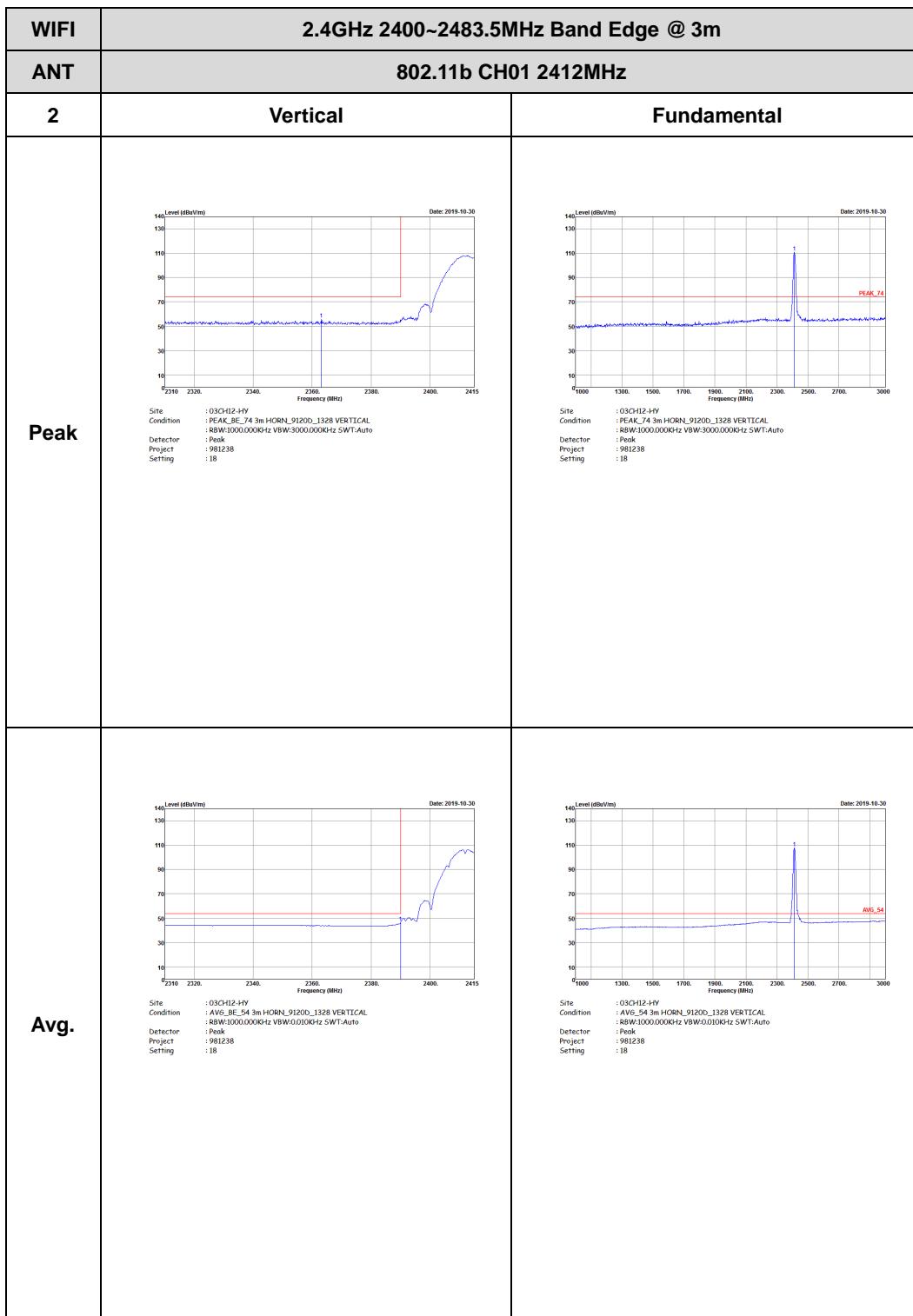


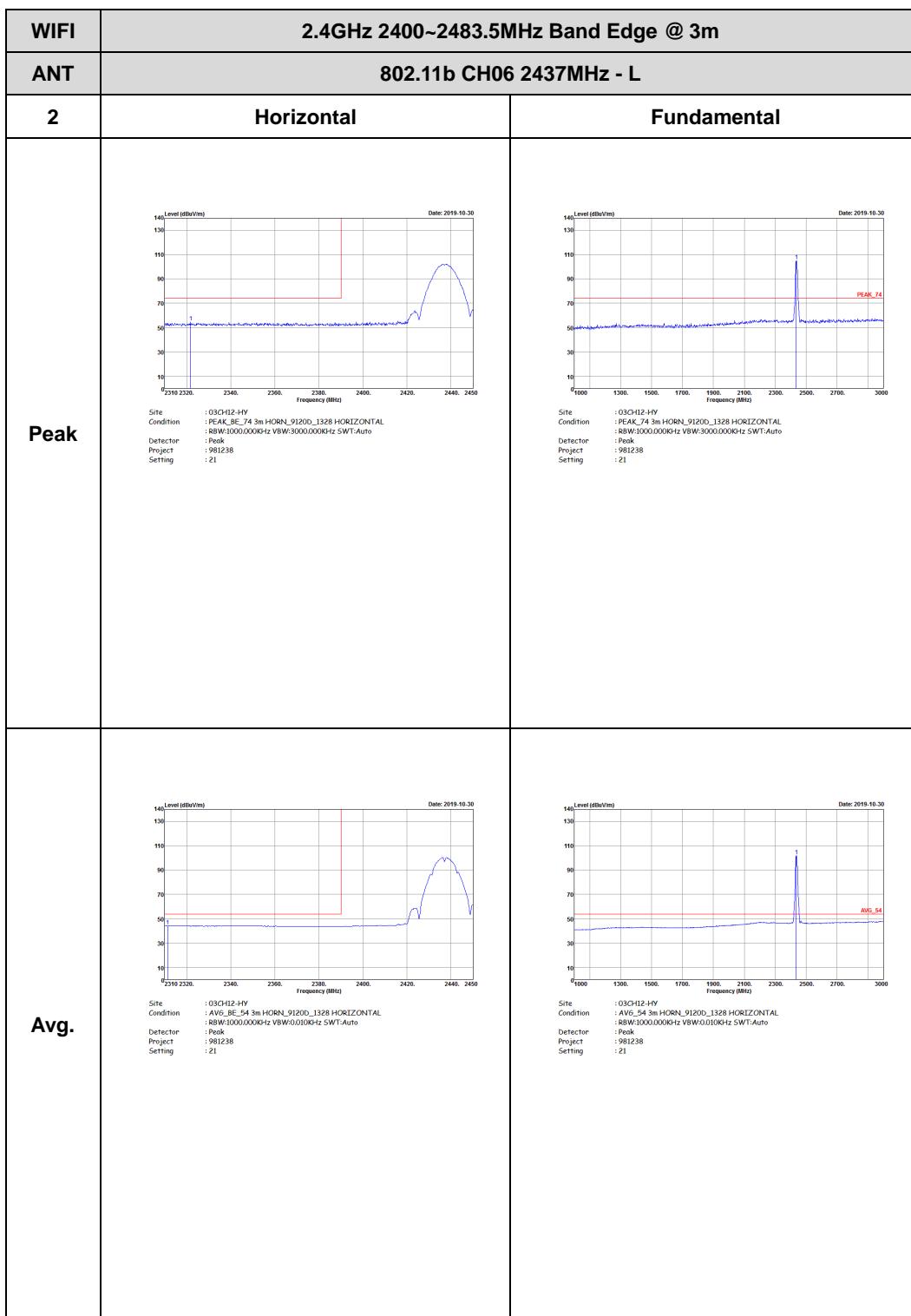


2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

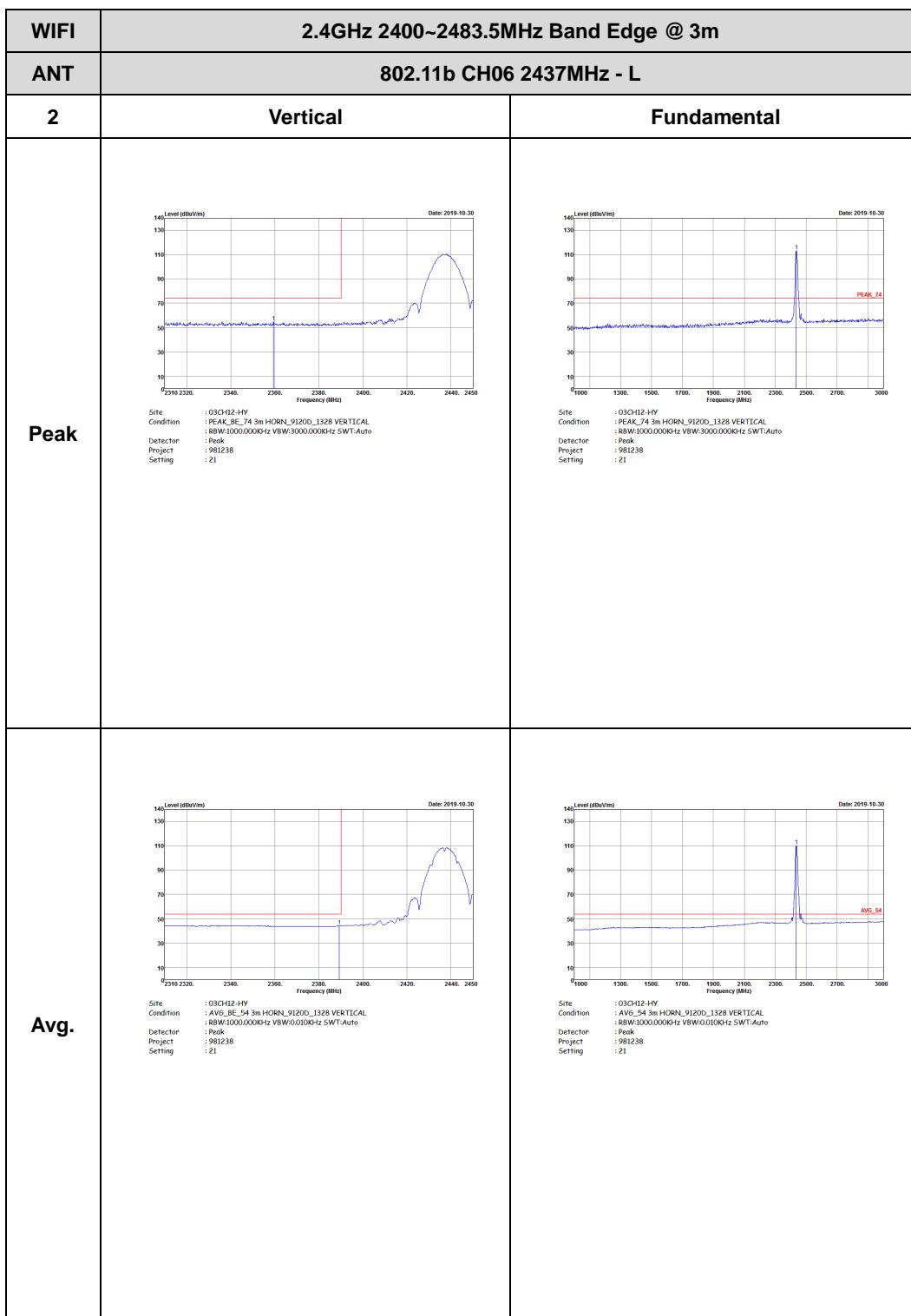
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|------|---|--|
| ANT | 802.11b CH01 2412MHz | |
| 2 | Horizontal | Fundamental |
| Peak | Site Condition : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1328 HORIZONTAL : 8BW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 981238 Setting : 18 Site Condition : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL : 8BW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 981238 Setting : 18 | Site Condition : 03CH12-HY Condition : PEAK_74 3m HORN_91200_1328 HORIZONTAL : 8BW:1000.0000Hz VBW:3000.0000Hz SWT:Auto Detector : Peak Project : 981238 Setting : 18 |
| Avg. | Site Condition : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1328 HORIZONTAL : 8BW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector : Peak Project : 981238 Setting : 18 | Site Condition : 03CH12-HY Condition : AVG_54 3m HORN_91200_1328 HORIZONTAL : 8BW:1000.0000Hz VBW:0.0100Hz SWT:Auto Detector : Peak Project : 981238 Setting : 18 |



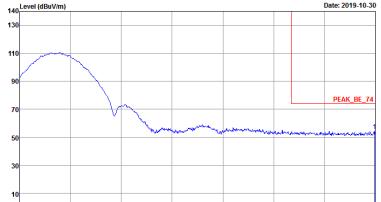
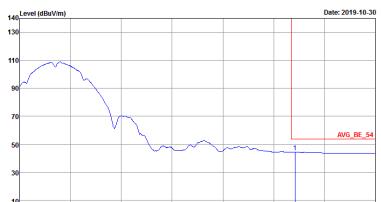


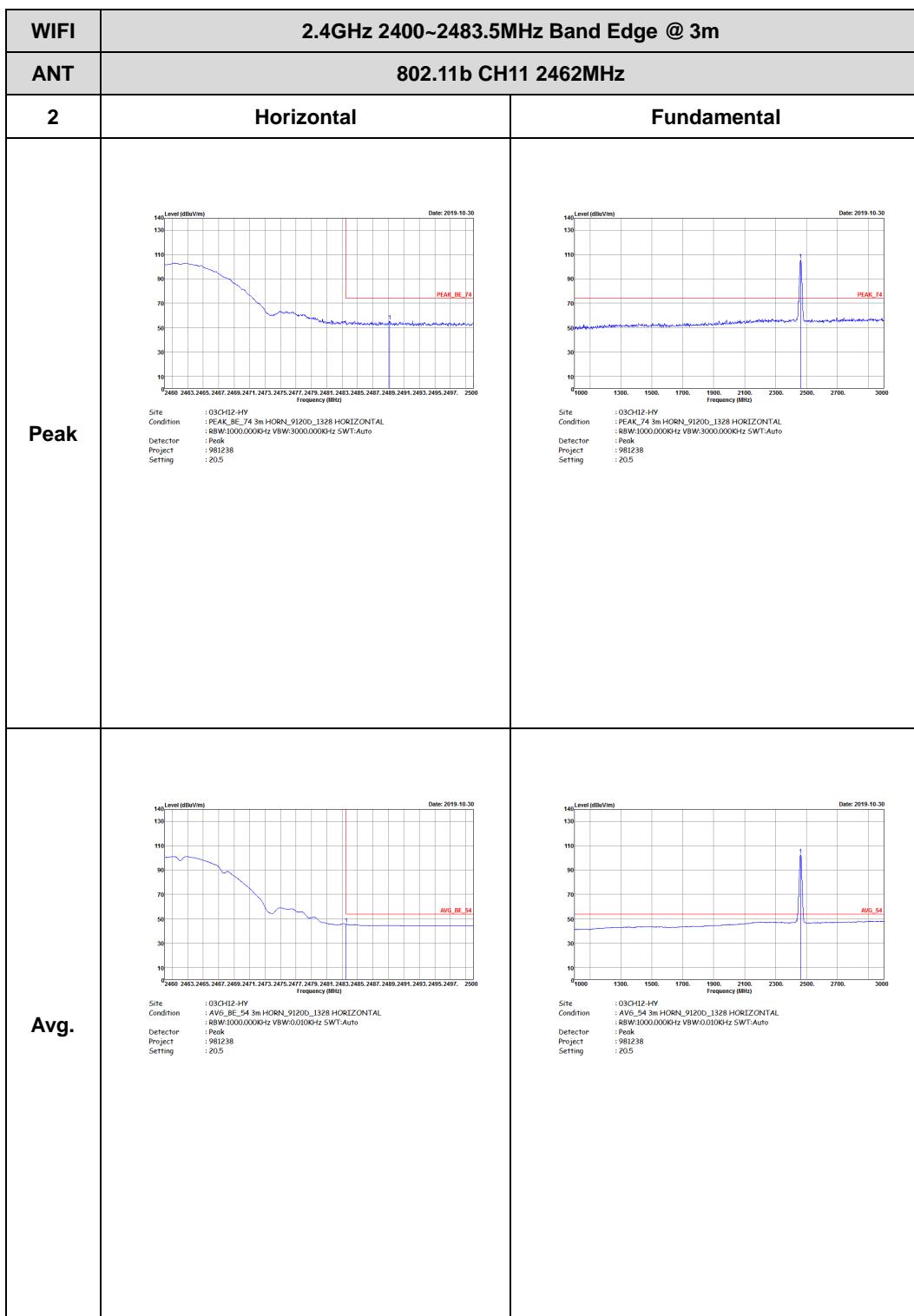


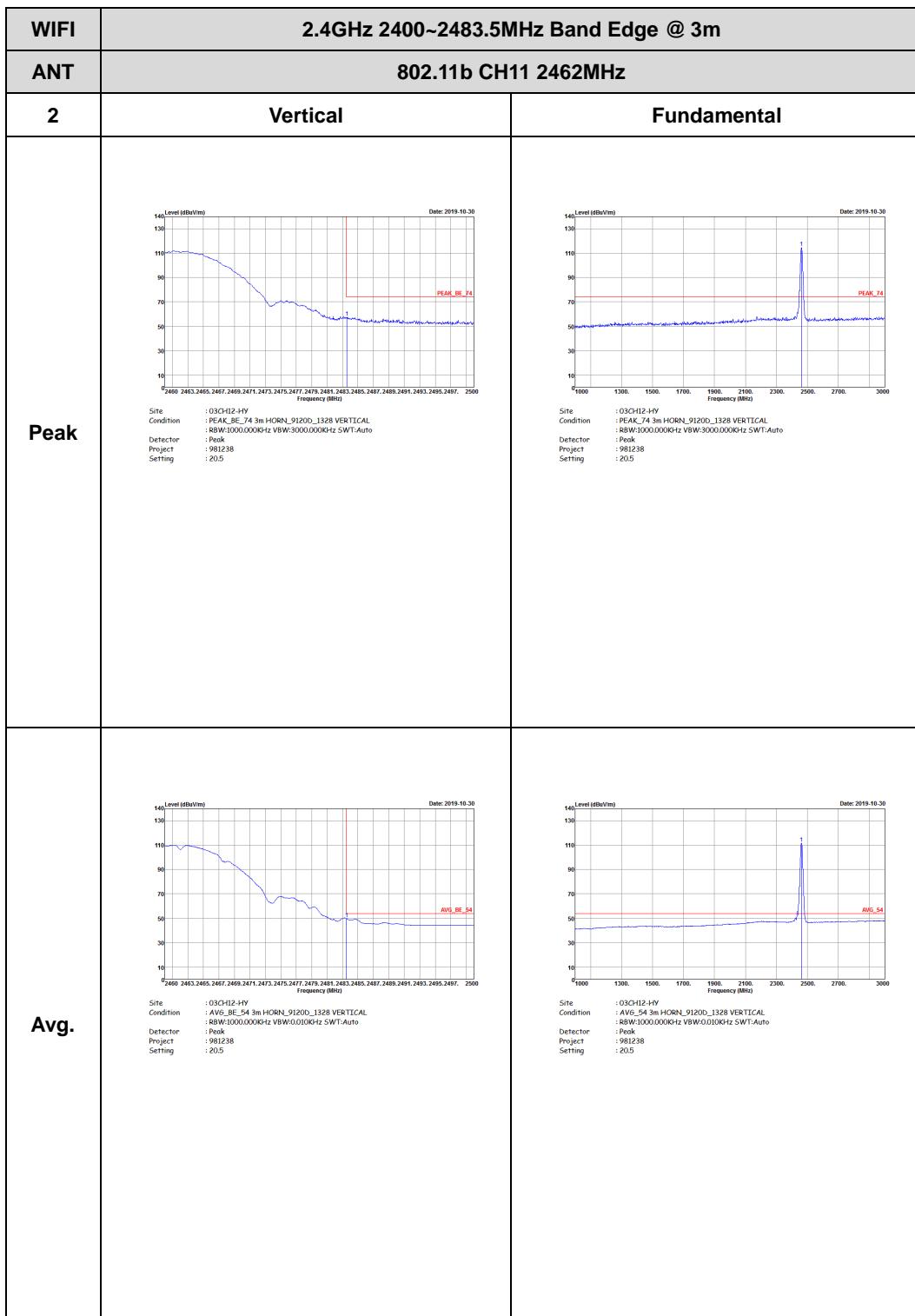
| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11b CH06 2437MHz - R | |
| 2 | Horizontal | Fundamental |
| Peak | <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 21</p> | Left blank |
| Avg. | <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 981238 Setting : 21</p> | Left blank |





| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11b CH06 2437MHz - R | |
| 2 | Vertical | Fundamental |
| Peak |  <p>144_Level (dBuV/m)</p> <p>Date: 2019-10-30</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 21</p> | Left blank |
| Avg. |  <p>144_Level (dBuV/m)</p> <p>Date: 2019-10-30</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 : 88W:1000.000KHz VBW:0.010KHz SWT:Auto Detector : Peak Project : 981238 Setting : 21</p> | Left blank |

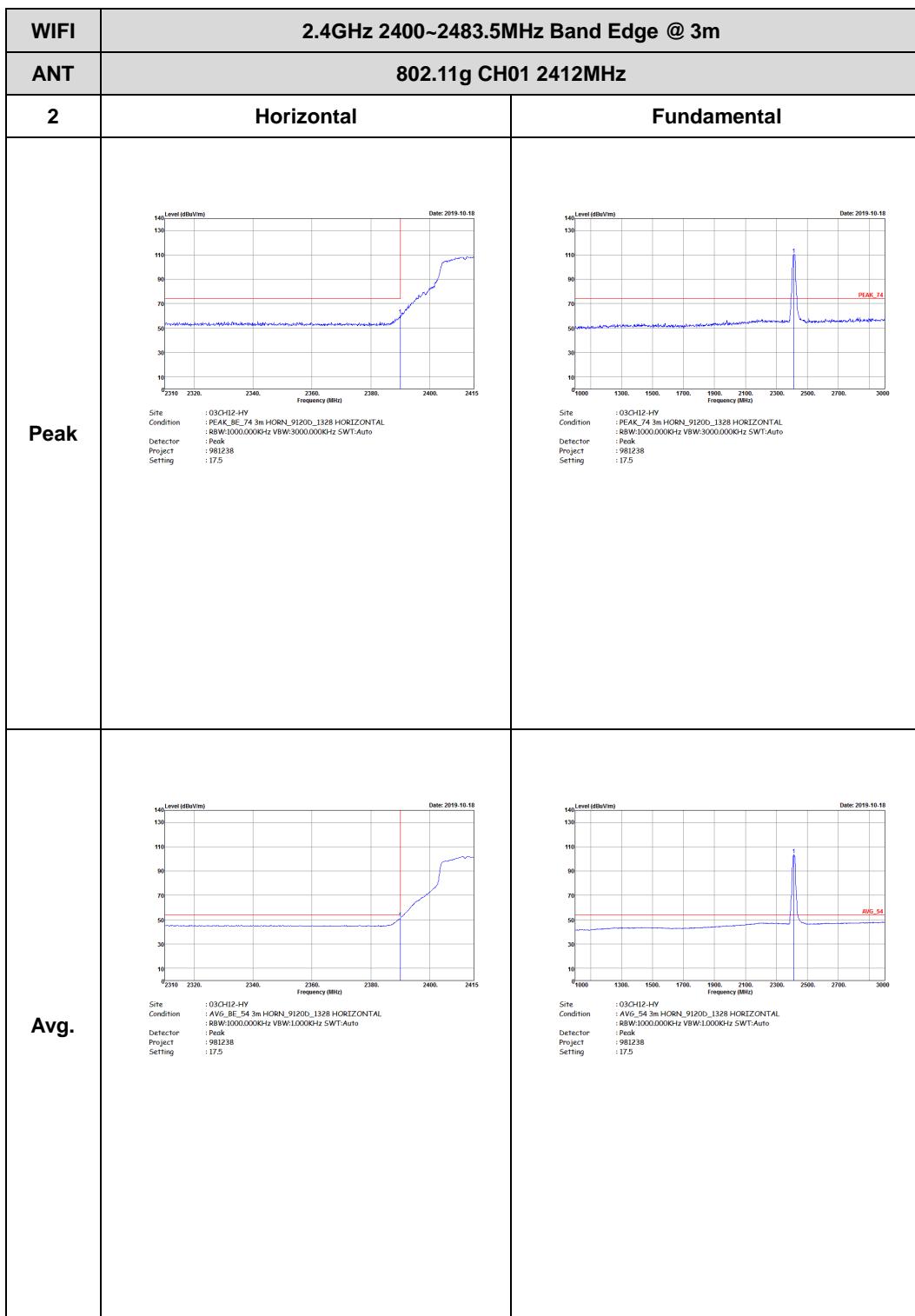


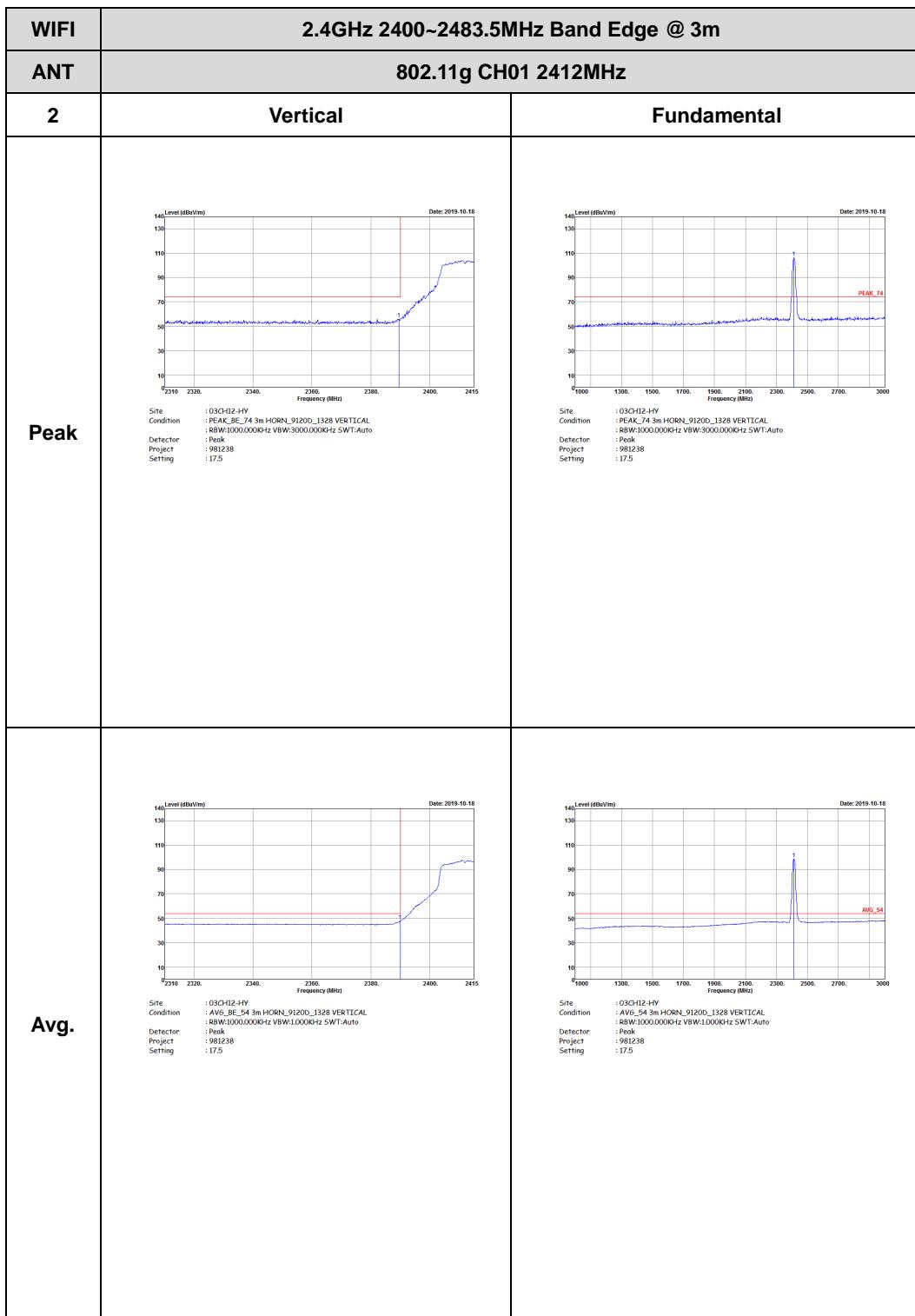


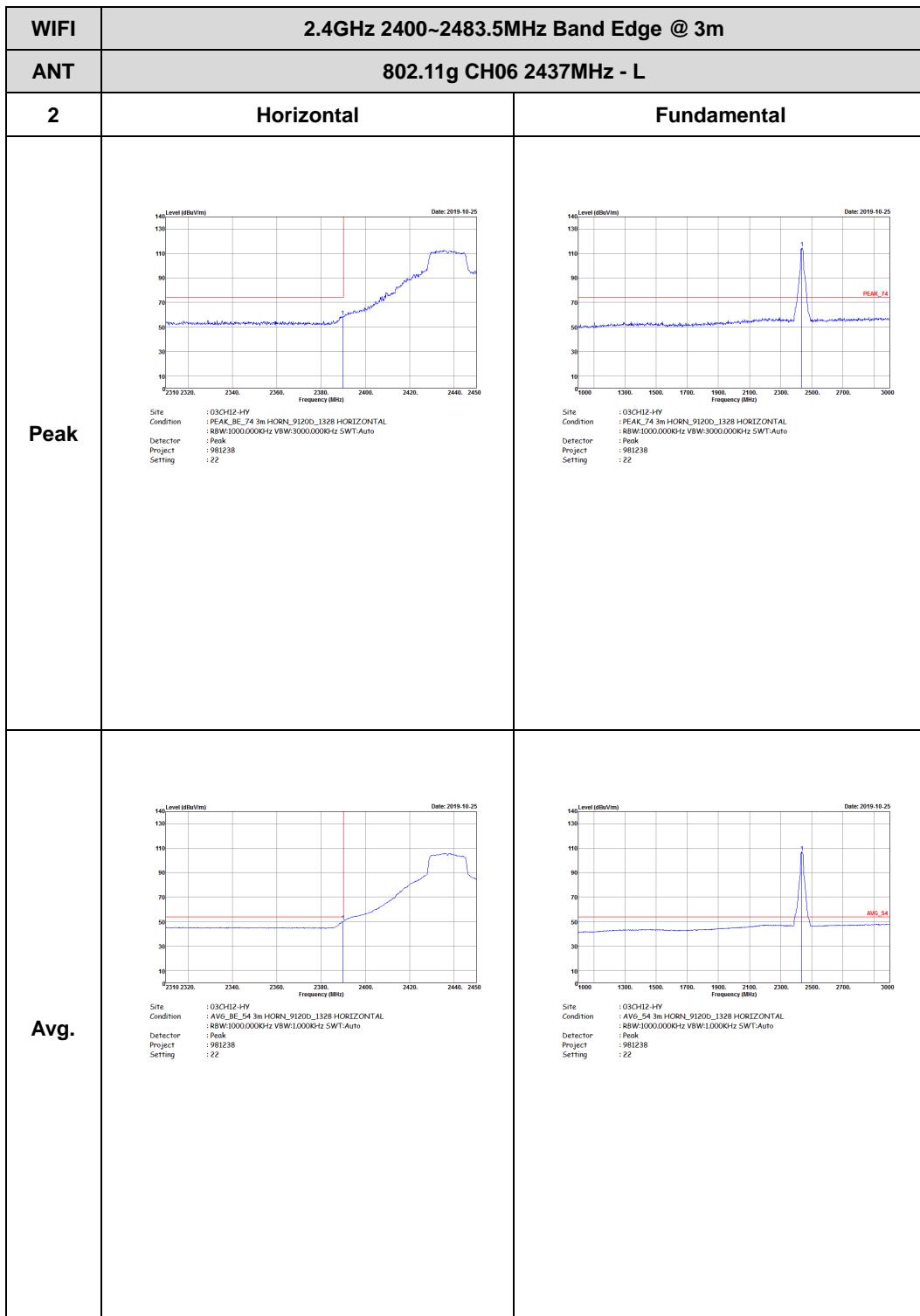


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

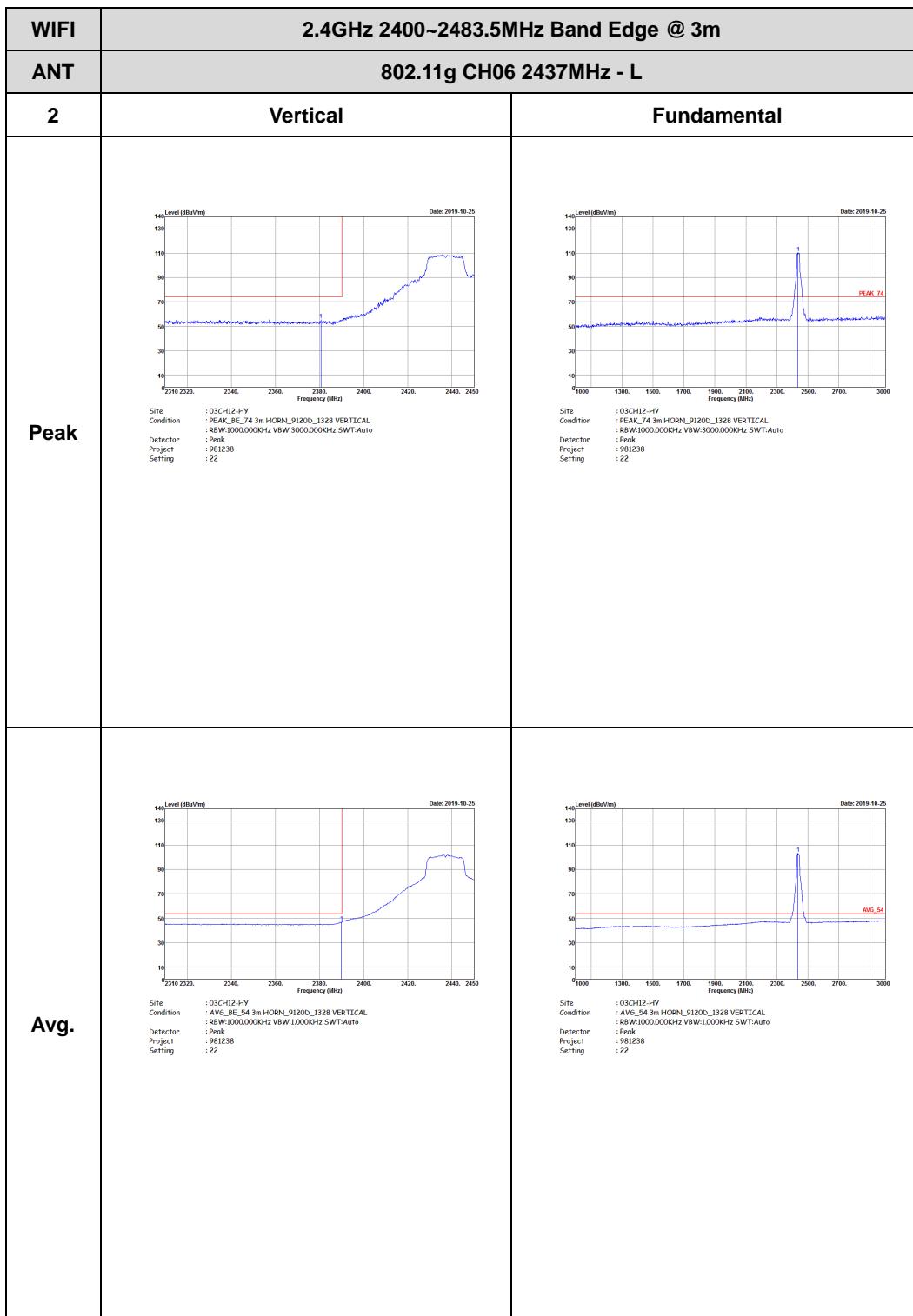






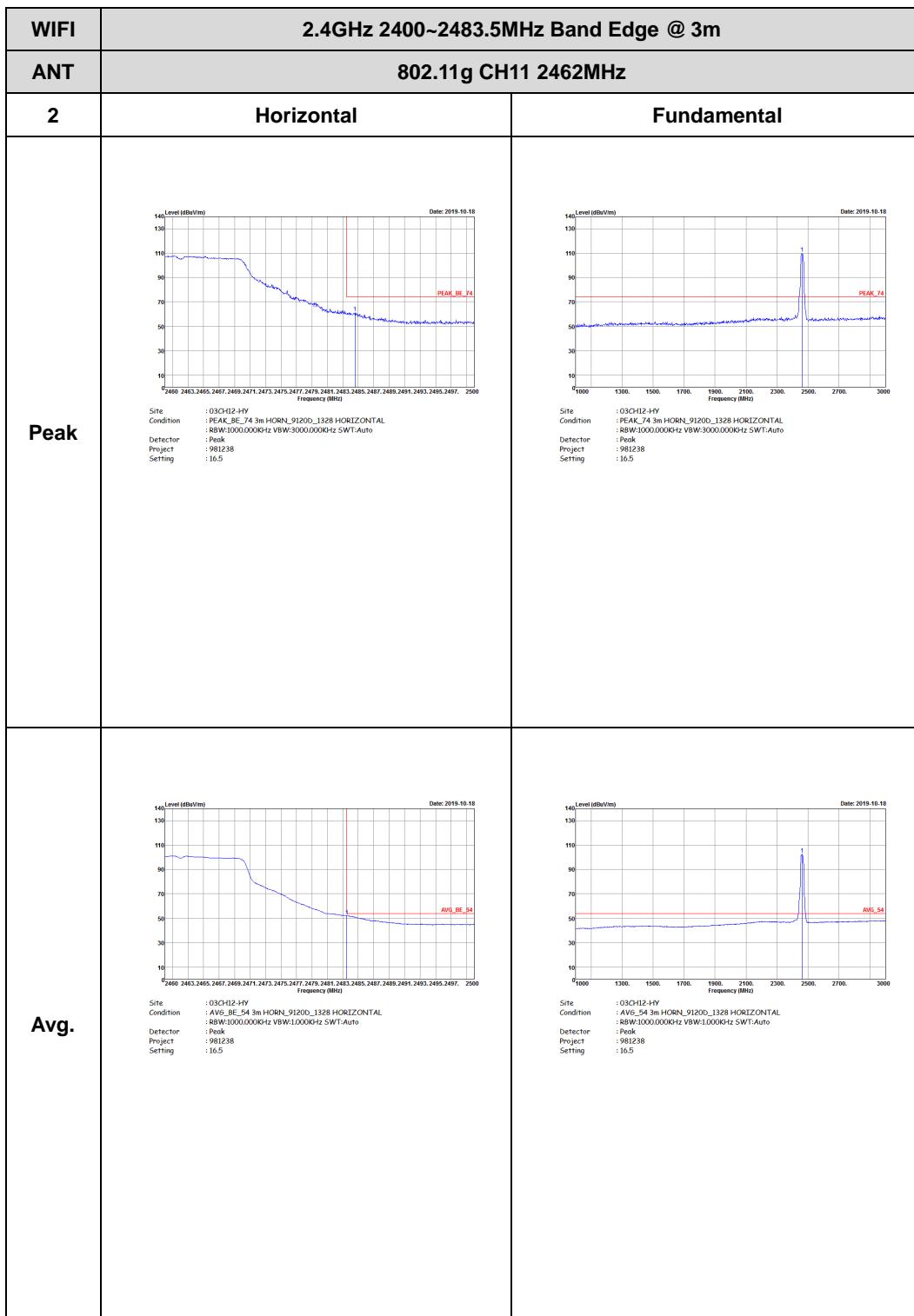


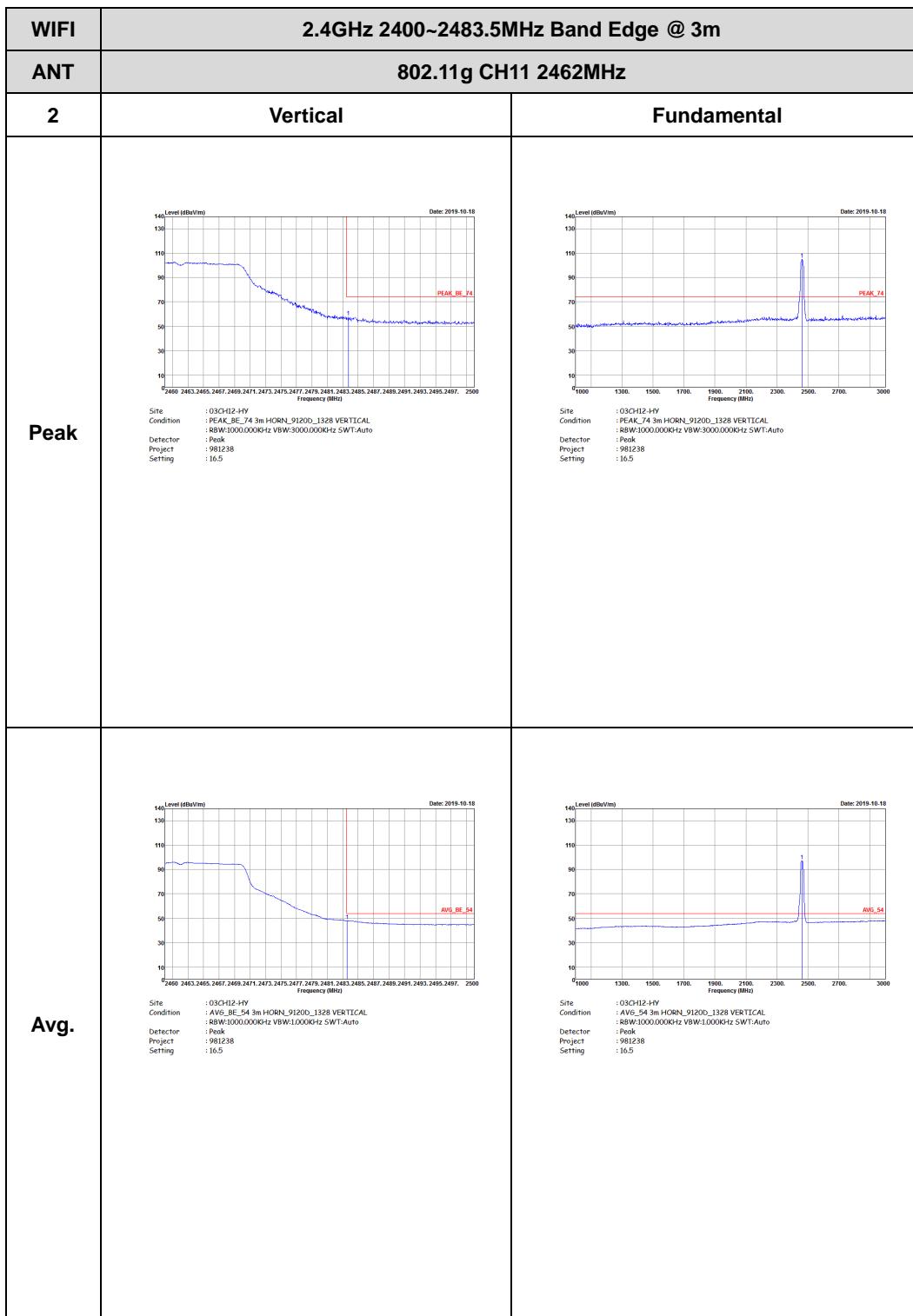
| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11g CH06 2437MHz - R | |
| 2 | Horizontal | Fundamental |
| Peak | <p>14_Level (dBmV/m)</p> <p>Date: 2019-10-25</p> <p>2430 2440 2450 2460 2470 2480 2490 2500 Frequency (MHz)</p> <p>PEAK_BE_74</p> <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 22</p> | Left blank |
| Avg. | <p>14_Level (dBmV/m)</p> <p>Date: 2019-10-25</p> <p>2430 2440 2450 2460 2470 2480 2490 2500 Frequency (MHz)</p> <p>AVG_BE_54</p> <p>Site : 03CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : 88W:1000.000KHz VBW:1000.000KHz SWT:Auto Project : Peak Setting : 981238 Setting : 22</p> | Left blank |





| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11g CH06 2437MHz - R | |
| 2 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 22</p> | Left Blank |
| Avg. |  <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:1000.000KHz SWT:Auto Project : 981238 Setting : 22</p> | Left Blank |

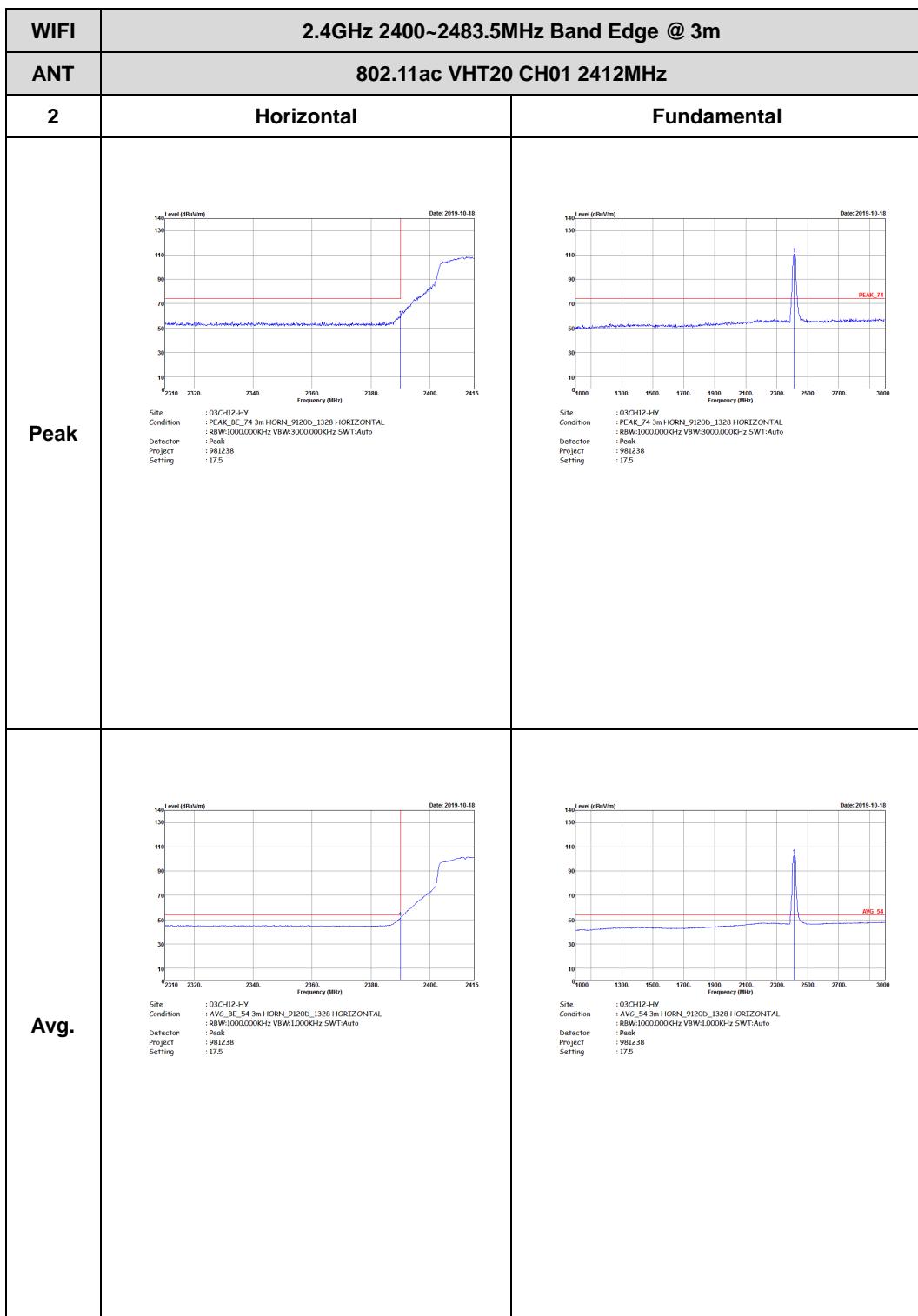


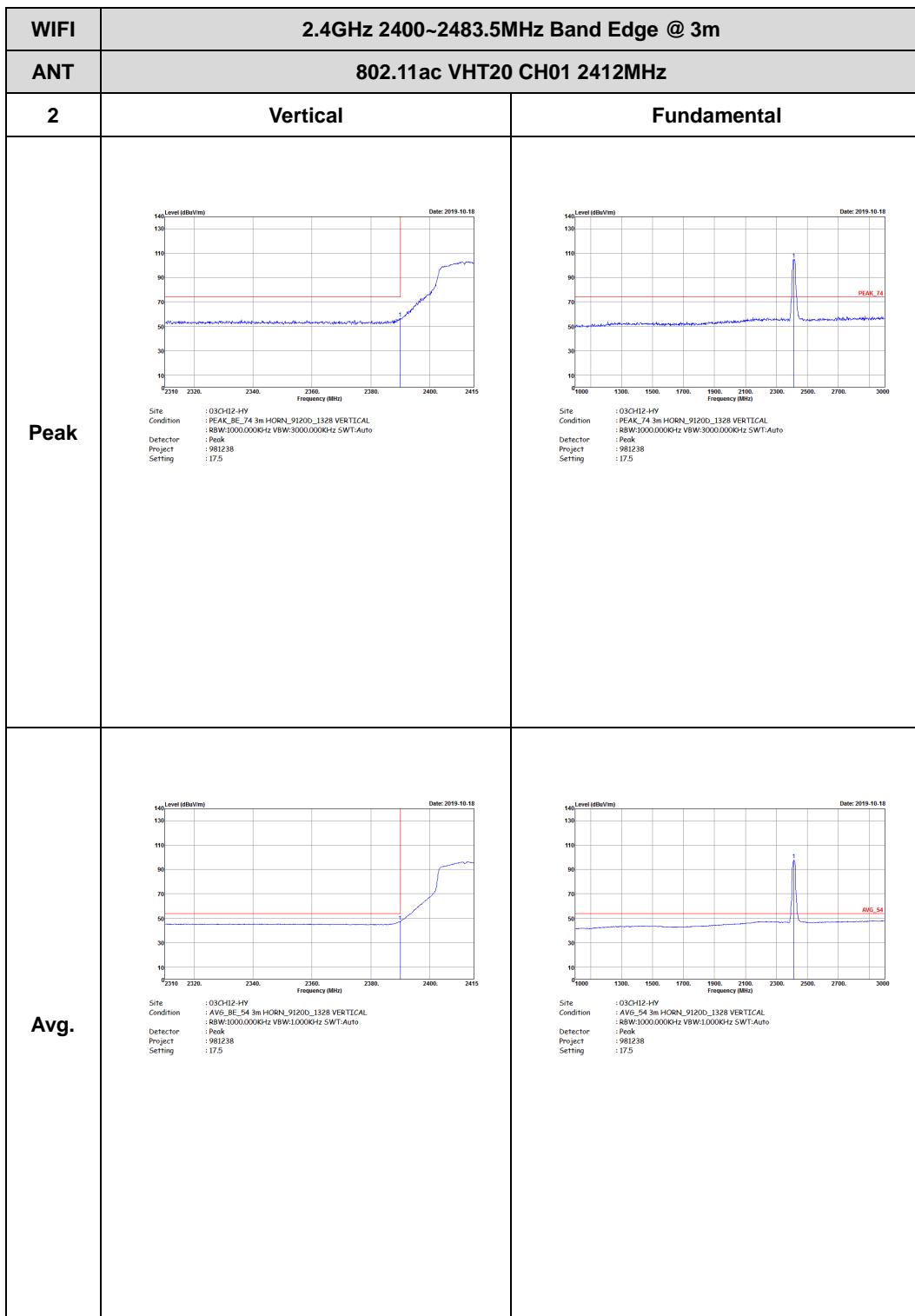


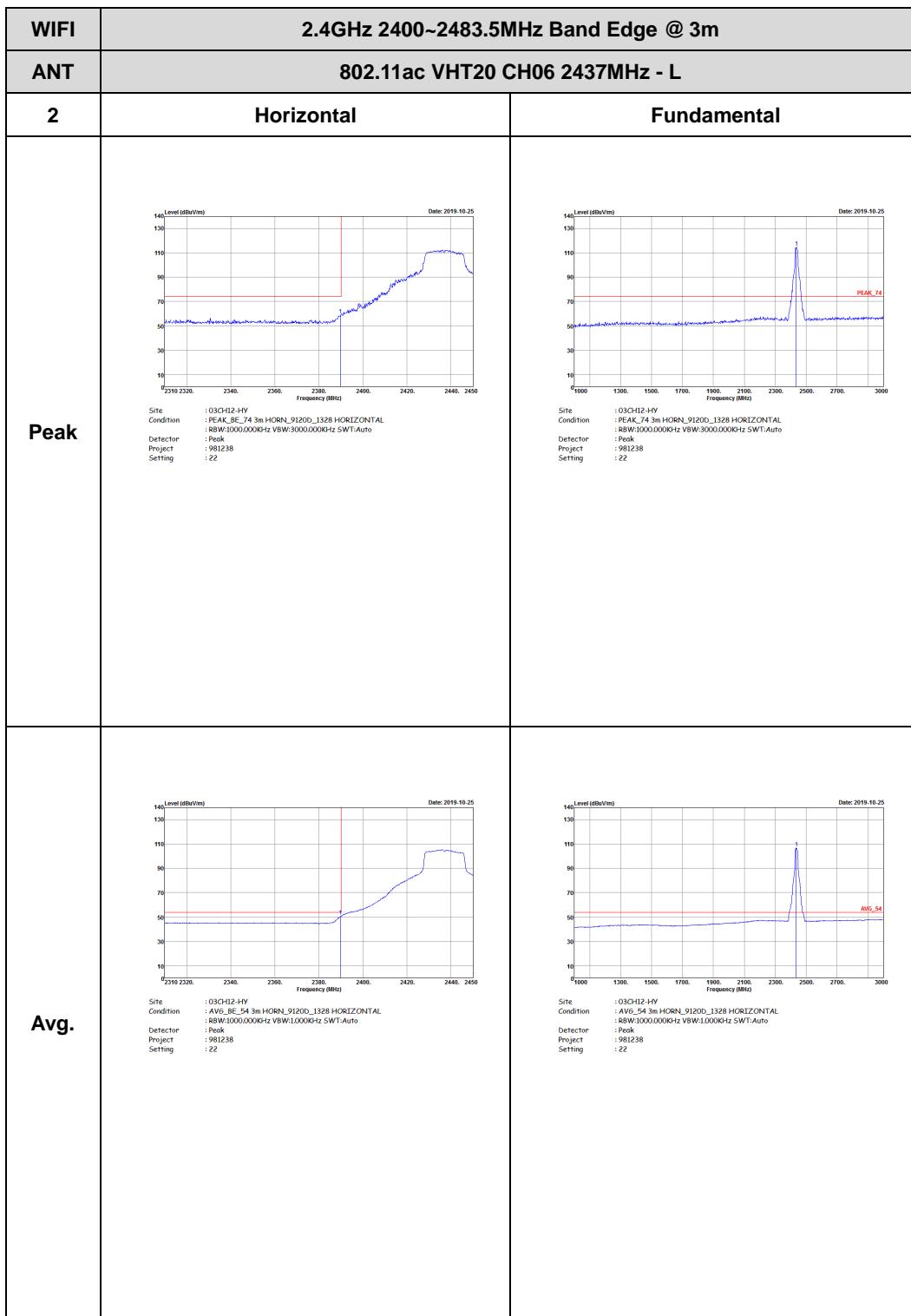


2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

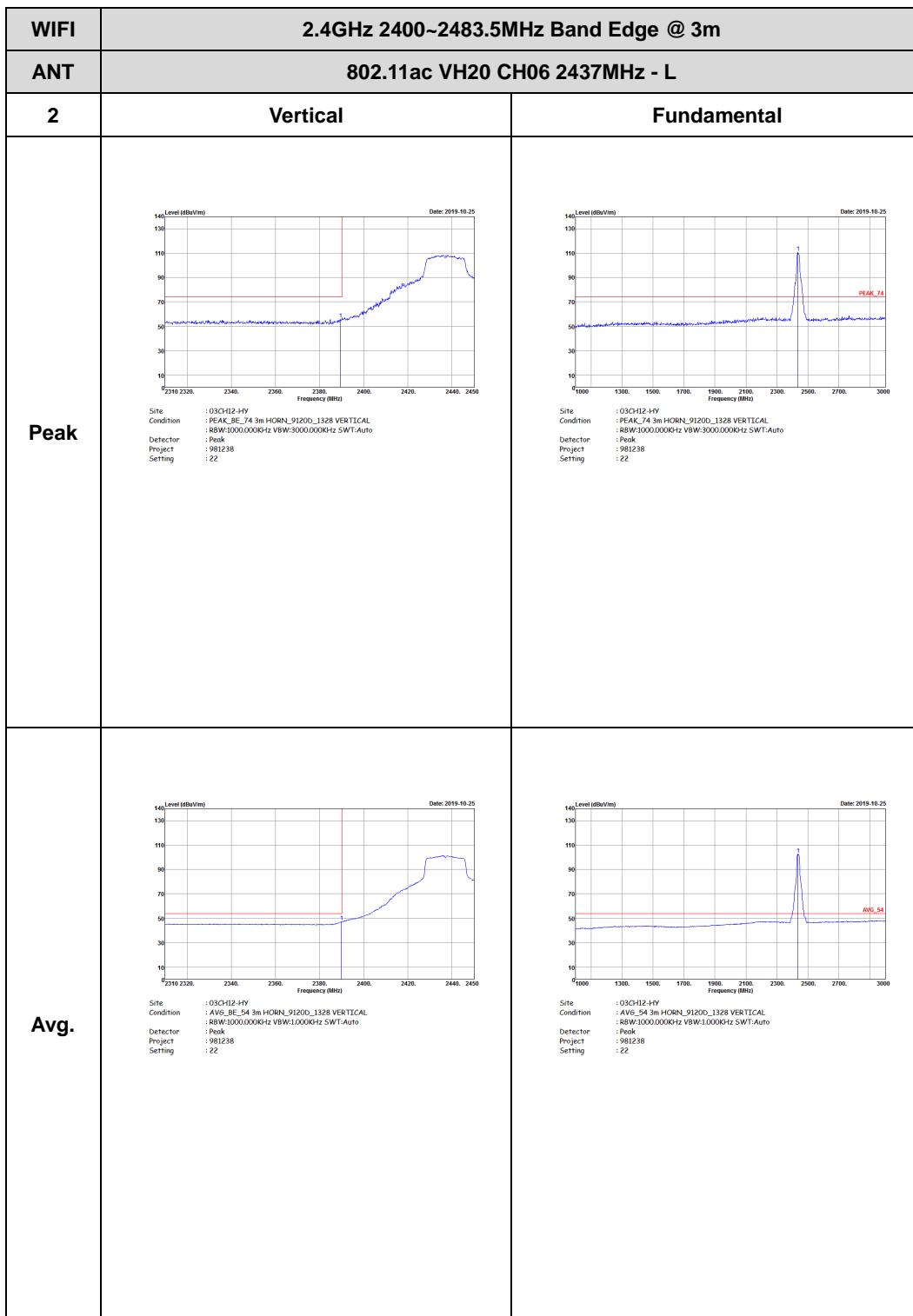






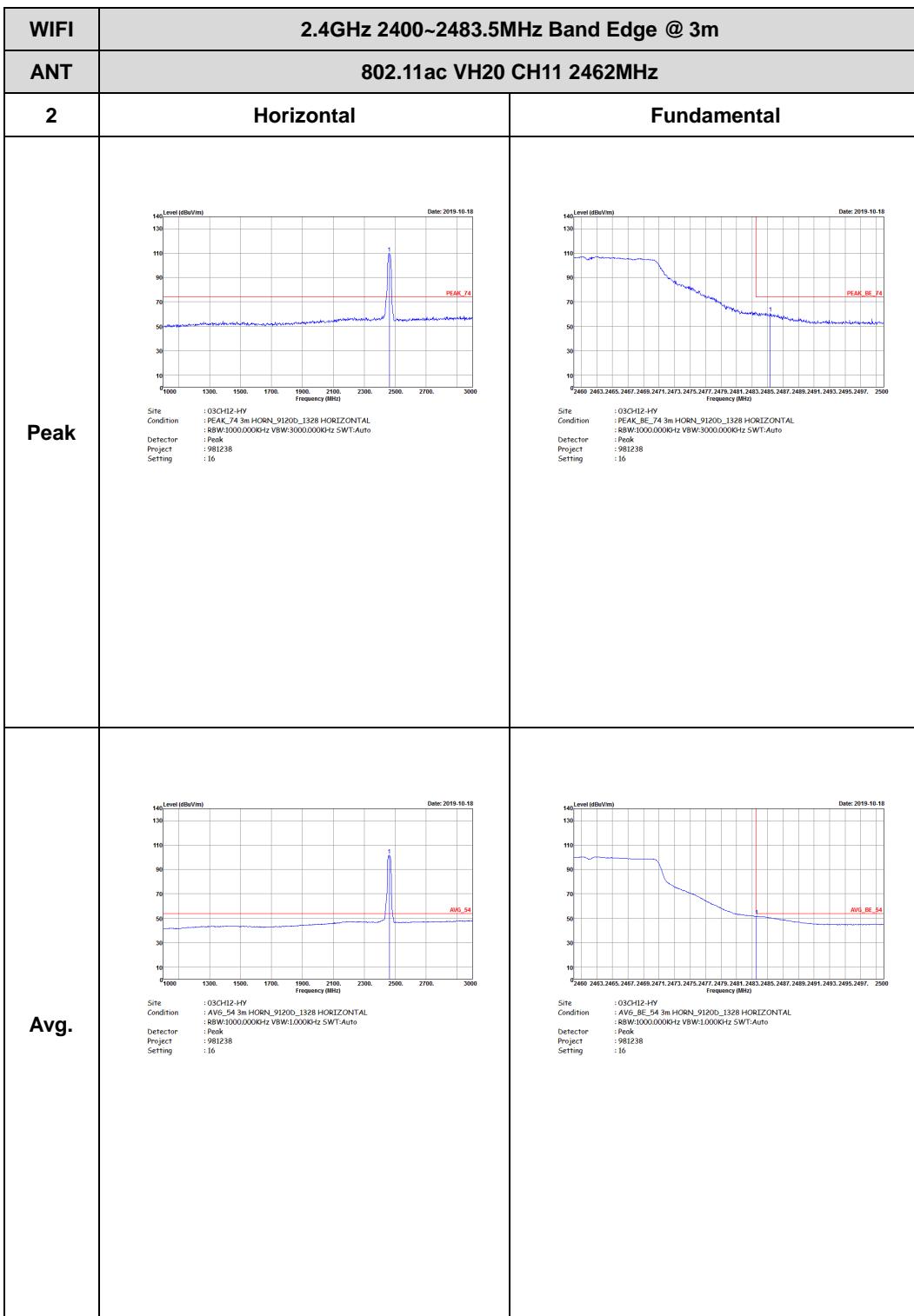


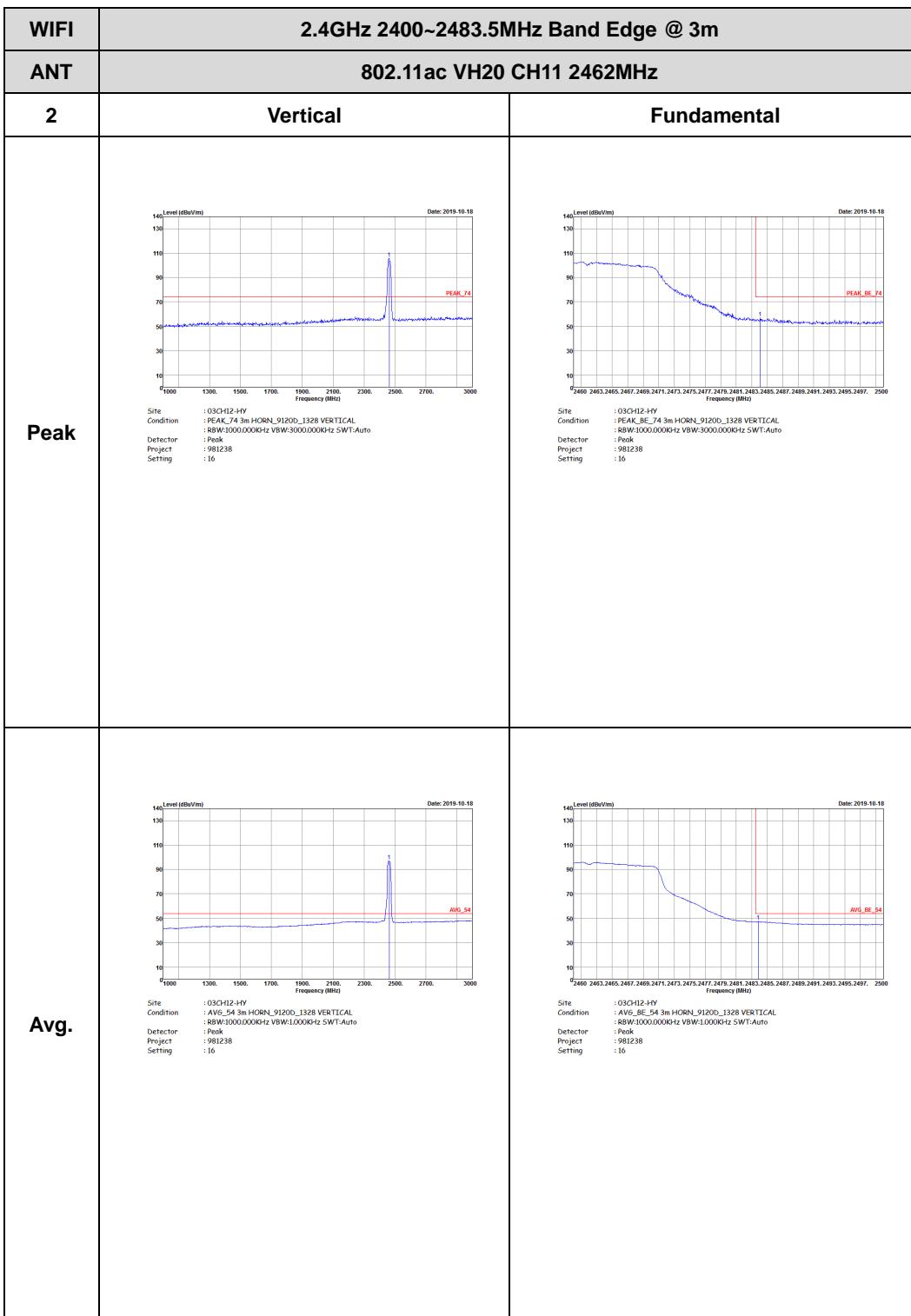
| | | |
|------|--|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH20 CH06 2437MHz - R | |
| 2 | Horizontal | Fundamental |
| Peak | <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 22</p> | Left blank |
| Avg. | <p>Site : 03CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : 88W:1000.000KHz VBW:1000.000KHz SWT:Auto Project : Peak Setting : 981238 Setting : 22</p> | Left blank |





| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH20 CH06 2437MHz - R | |
| 2 | Vertical | Fundamental |
| Peak | <p>140 Level (dBuV/m) 130 110 90 70 50 30 10 0 Date: 2019-10-25 2430 2440 2450 2460 2470 2480 2490 2500 Frequency (MHz)</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORNL_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 22</p> | Left blank |
| Avg. | <p>140 Level (dBuV/m) 130 110 90 70 50 30 10 0 Date: 2019-10-25 2430 2440 2450 2460 2470 2480 2490 2500 Frequency (MHz)</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORNL_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:1000.000KHz SWT:Auto Project : Peak Setting : 981238 Setting : 22</p> | Left blank |

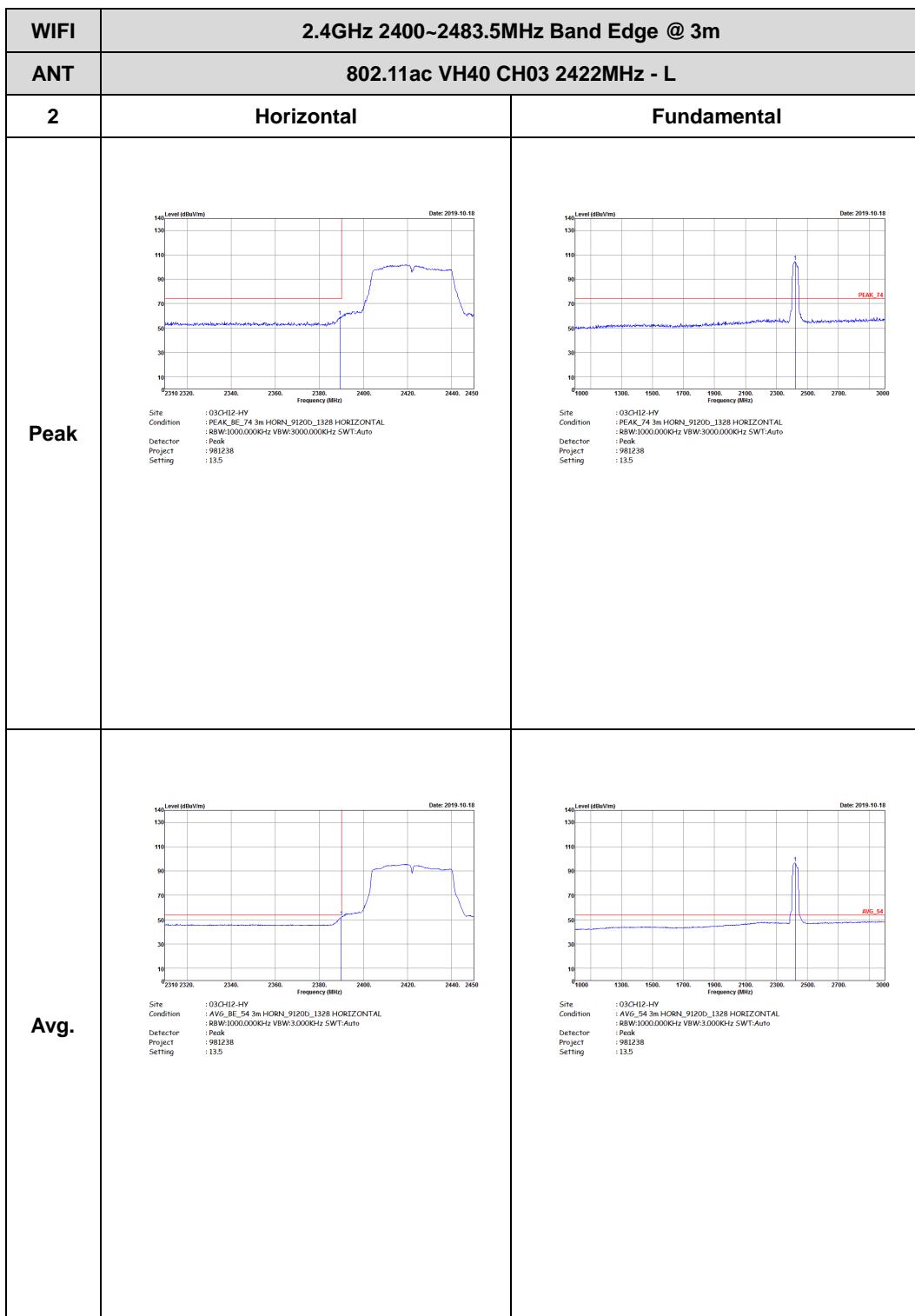




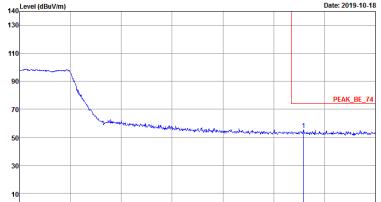
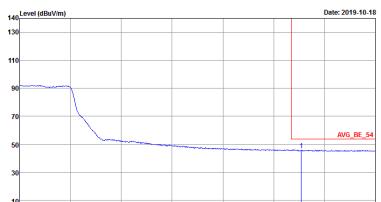


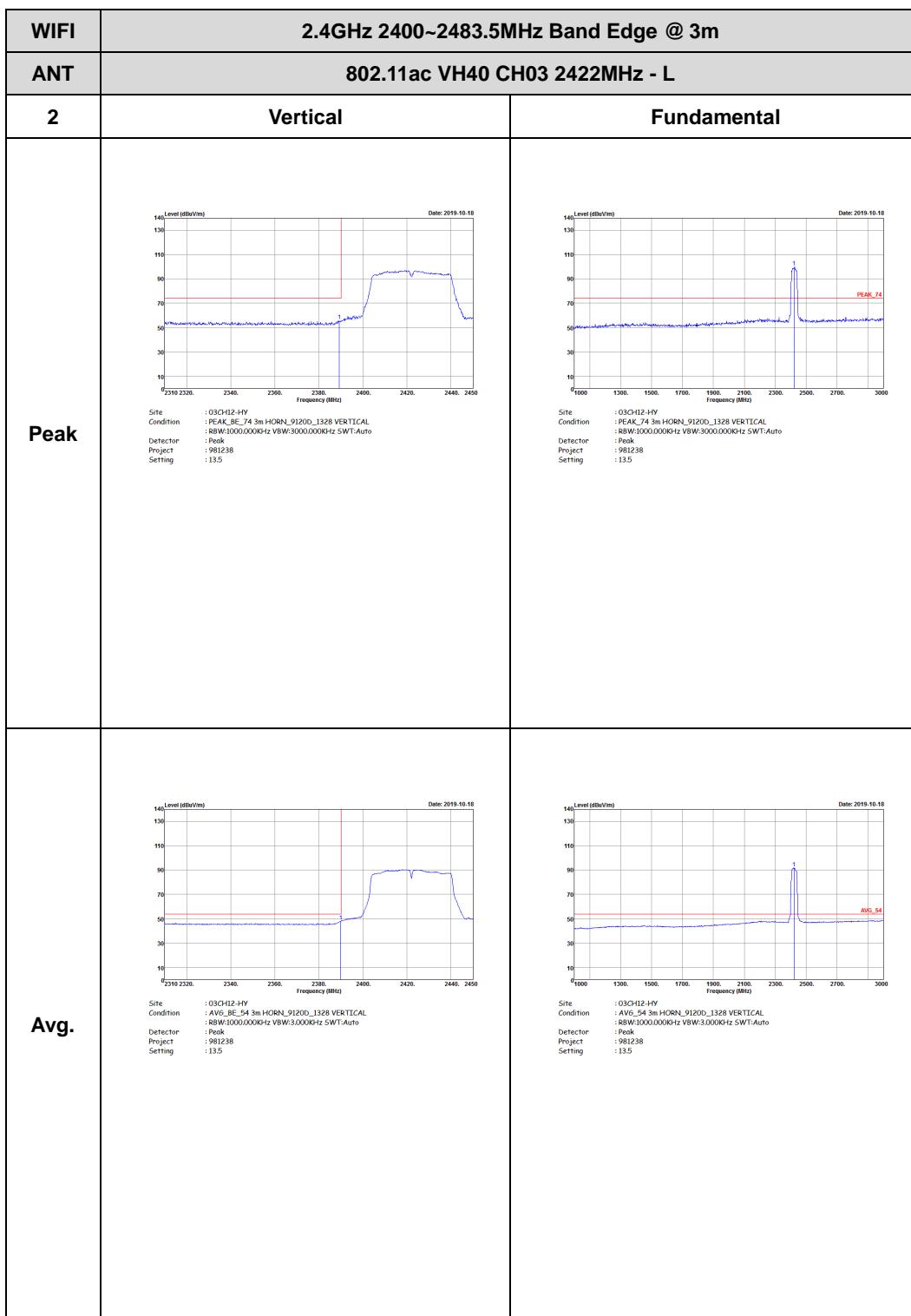
2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

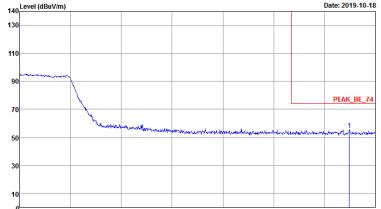
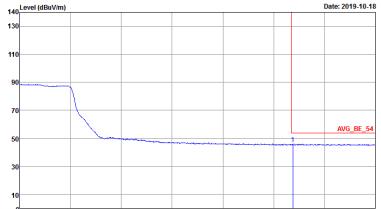


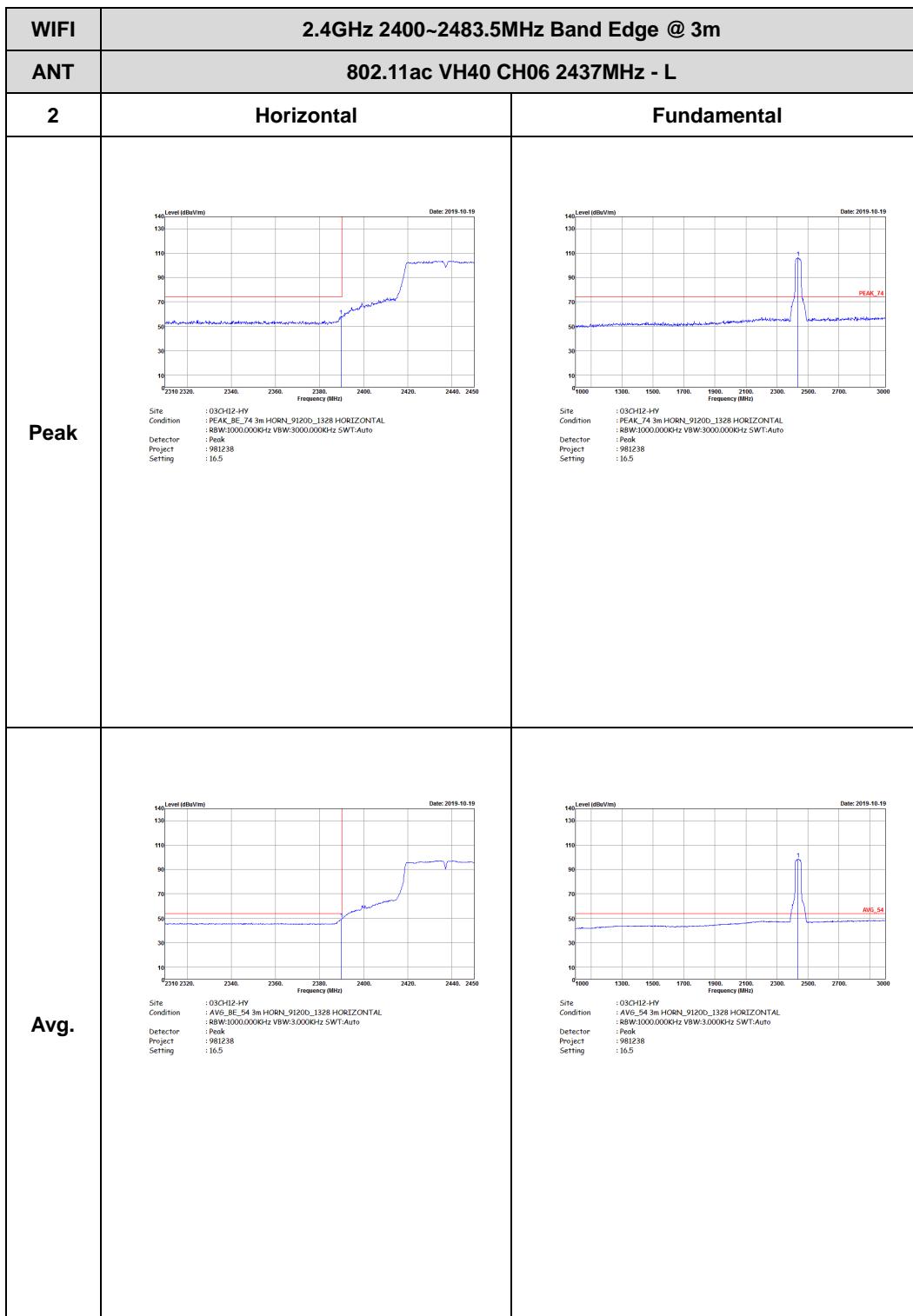


| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH03 2422MHz - R | |
| 2 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 13.5</p> | Left blank |
| Avg. |  <p>Site : 03CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 13.5</p> | Left blank |



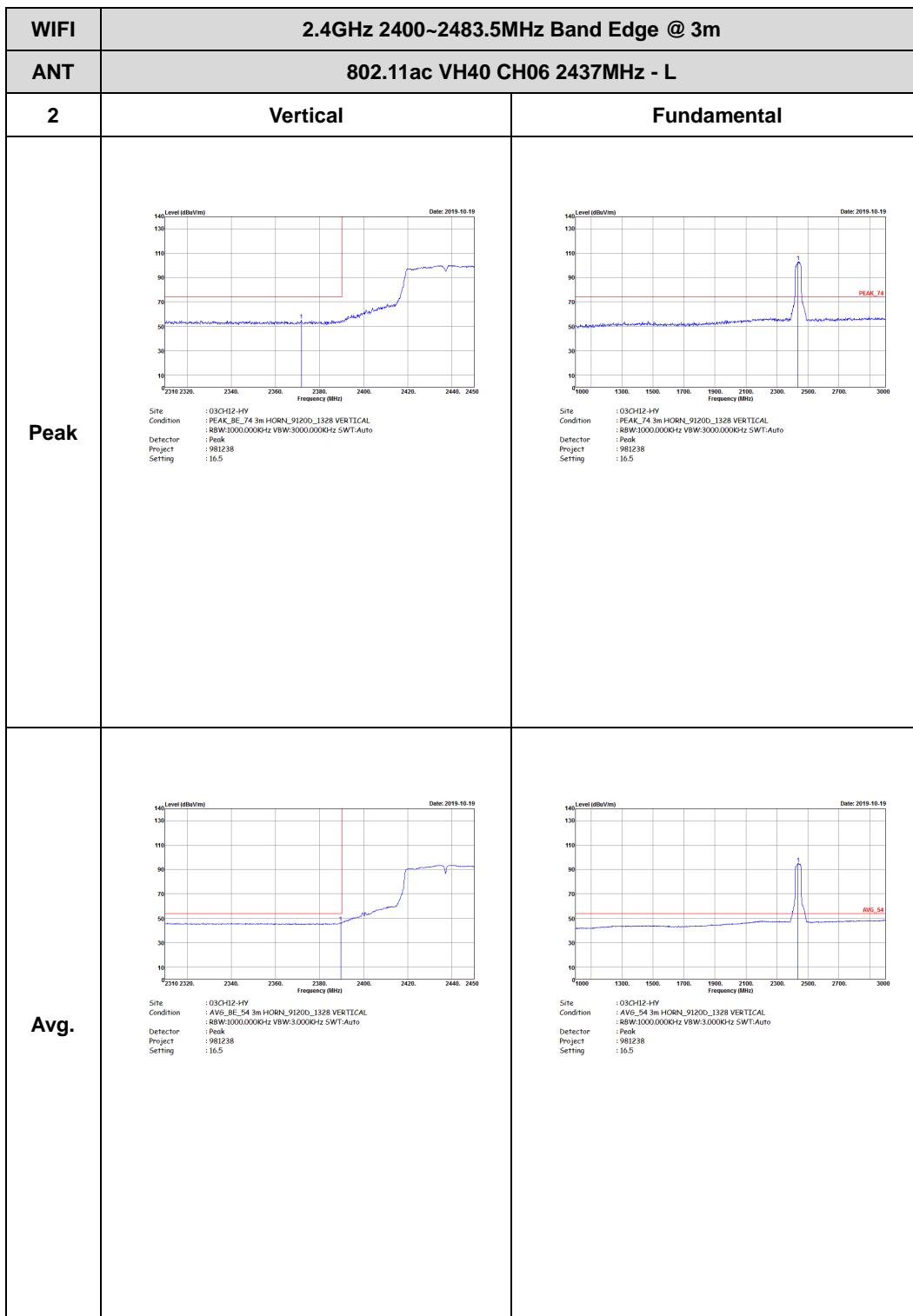


| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH03 2422MHz - R | |
| 2 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 13.5</p> | Left blank |
| Avg. |  <p>Site : 03CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 13.5</p> | Left blank |



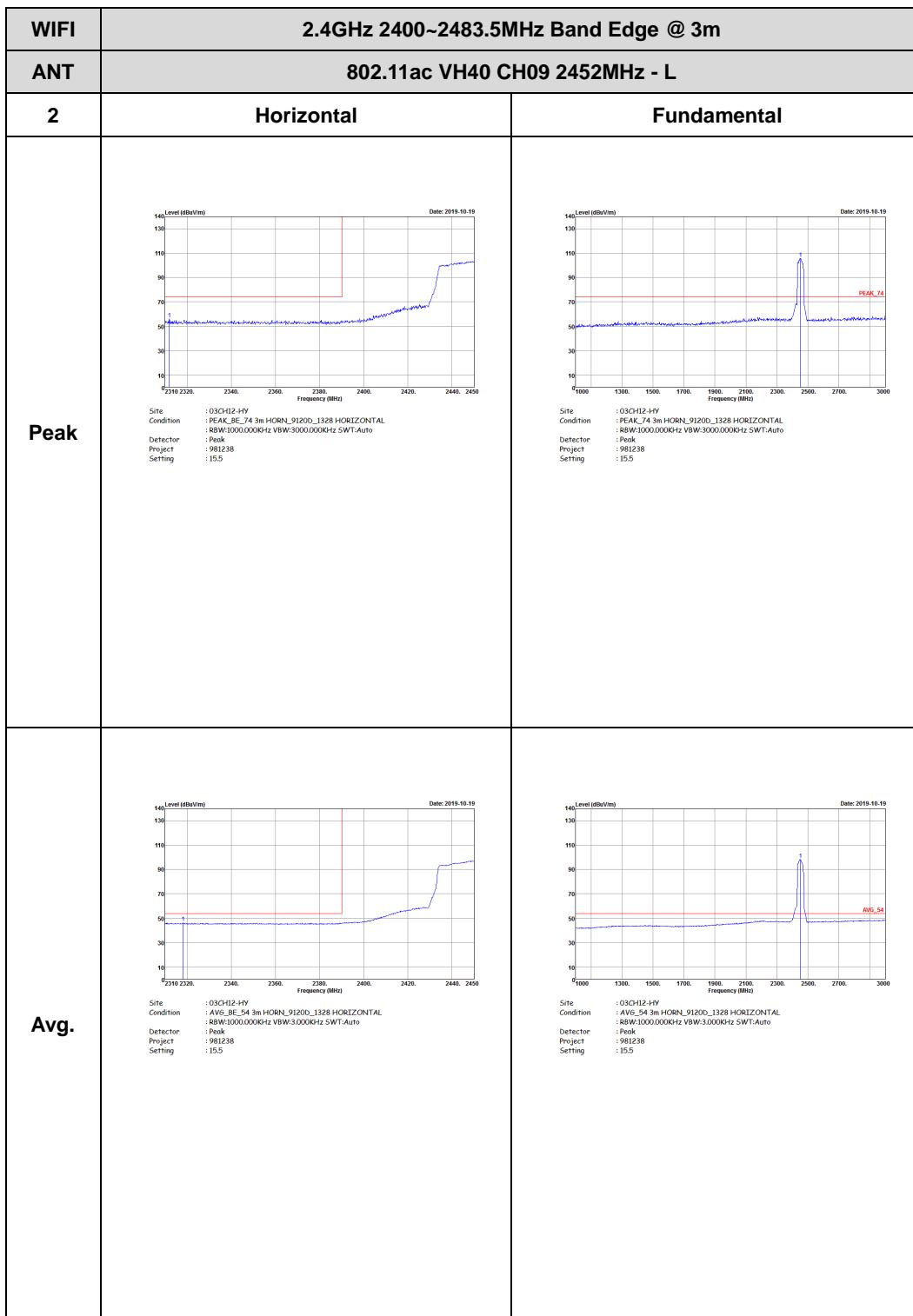


| | | |
|------|--|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH06 2437MHz - R | |
| 2 | Horizontal | Fundamental |
| Peak | <p>14 Level (dBm/Vm) Date: 2019-10-19 2430 2440 2450 2460 2470 2480 2490 2500 Frequency (MHz) 130 110 90 70 50 30 10 0 PEAK_BE_74</p> <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 16.5</p> | Left blank |
| Avg. | <p>14 Level (dBm/Vm) Date: 2019-10-19 2430 2440 2450 2460 2470 2480 2490 2500 Frequency (MHz) 130 110 90 70 50 30 10 0 AVG_BE_54</p> <p>Site : 03CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Setting : 981238 Setting : 16.5</p> | Left blank |

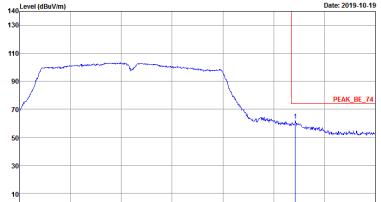
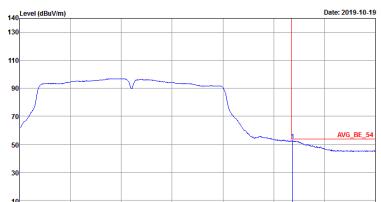


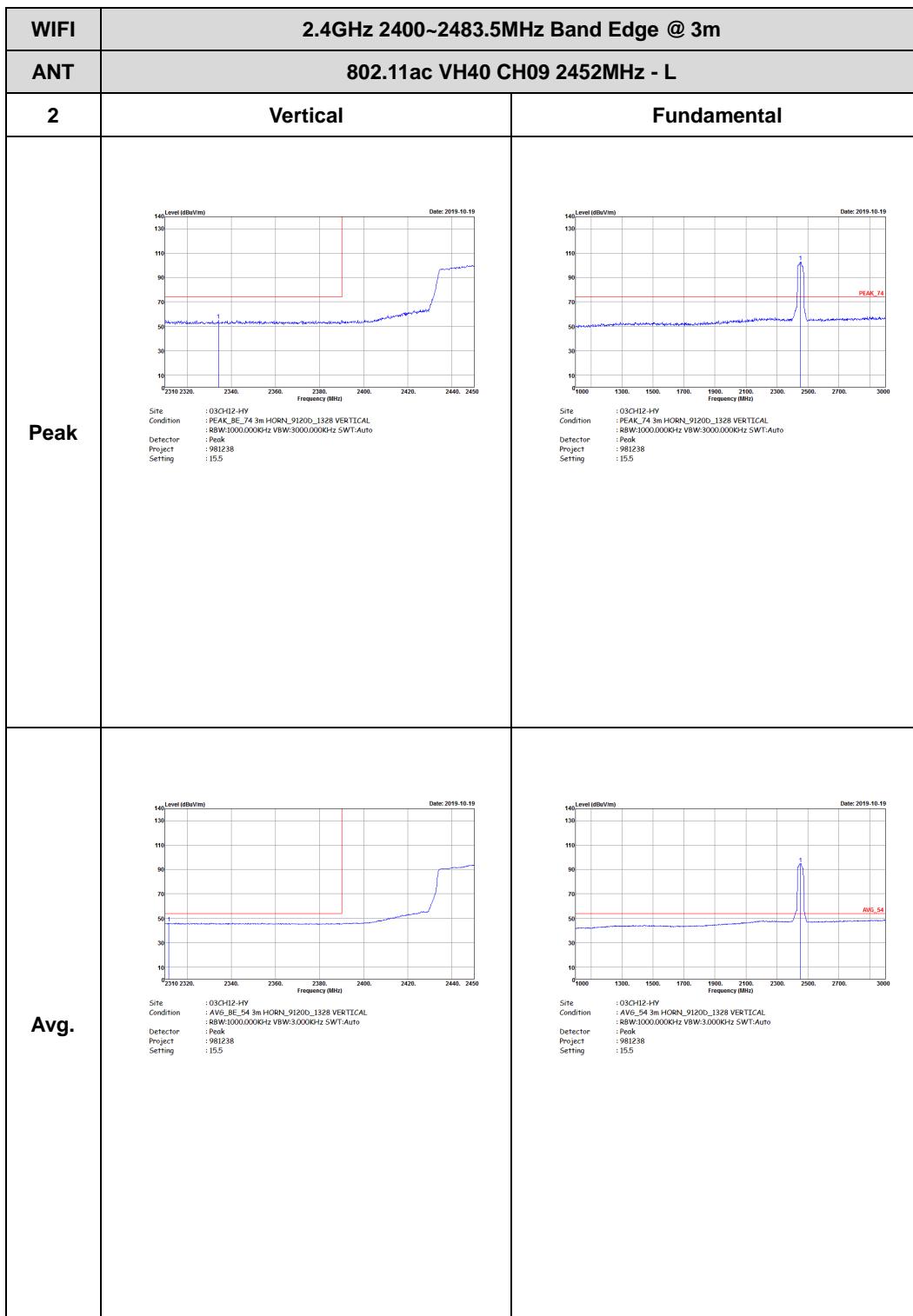


| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH06 2437MHz - R | |
| 2 | Vertical | Fundamental |
| Peak | Site : 03CH12-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 16.5 | Left blank |
| Avg. | Site : 03CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 981238 Setting : 16.5 | Left blank |





| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH09 2452MHz - R | |
| 2 | Horizontal | Fundamental |
| Peak |  <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 15.5</p> | Left blank |
| Avg. |  <p>Site : 03CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 15.5</p> | Left blank |



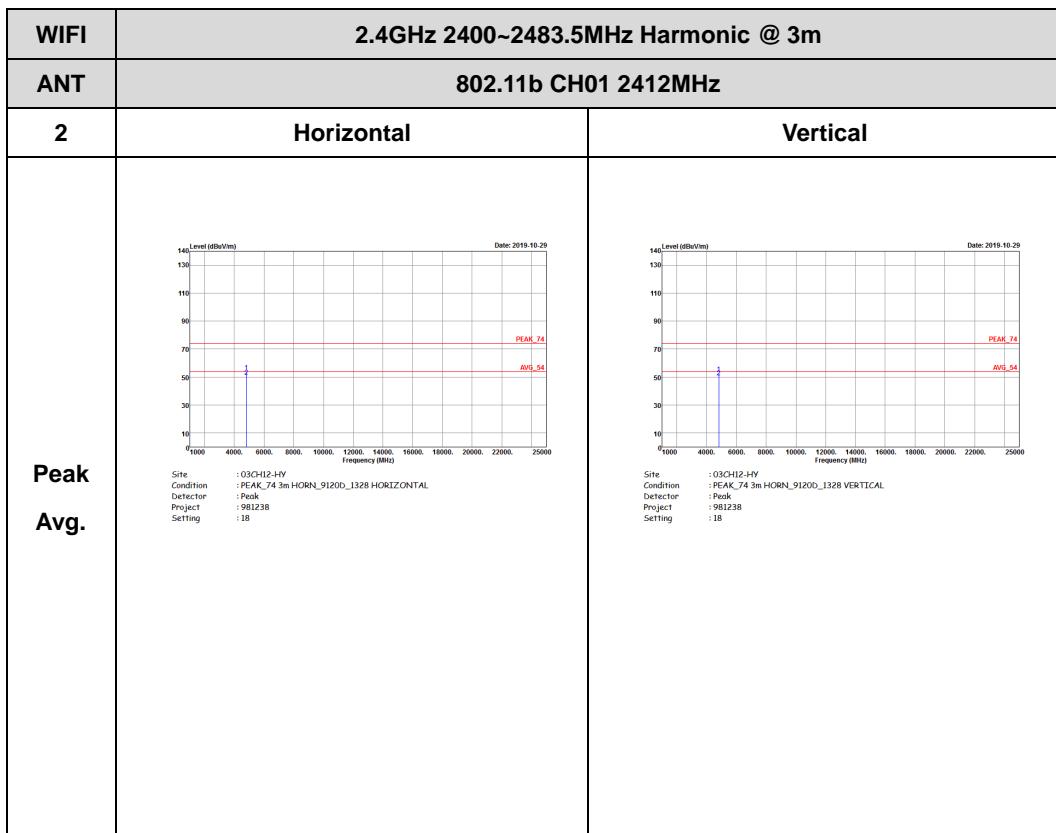


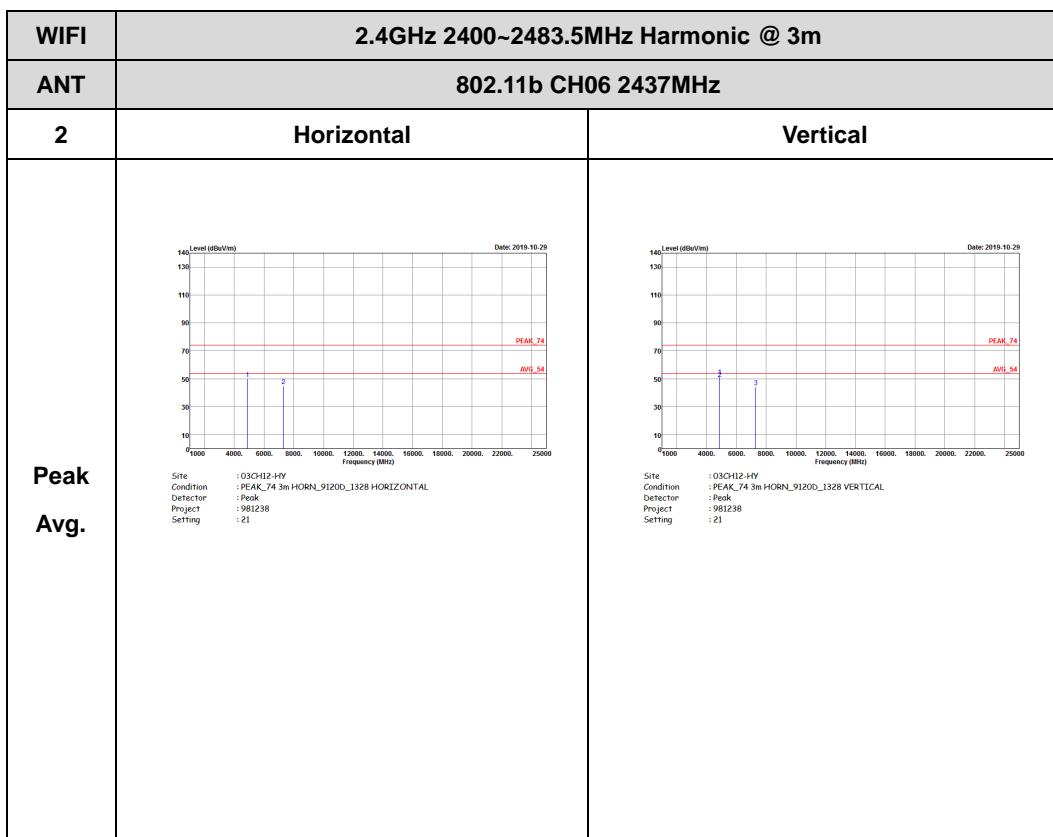
| | | |
|------|--|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH09 2452MHz - R | |
| 2 | Vertical | Fundamental |
| Peak | Site : 03CH12-HV Condition : PEAK_BE_74 3m HORNL_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 15.5 | Left blank |
| Avg. | Site : 03CH12-HV Condition : AVG_BE_54 3m HORNL_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 981238 Setting : 15.5 | Left blank |

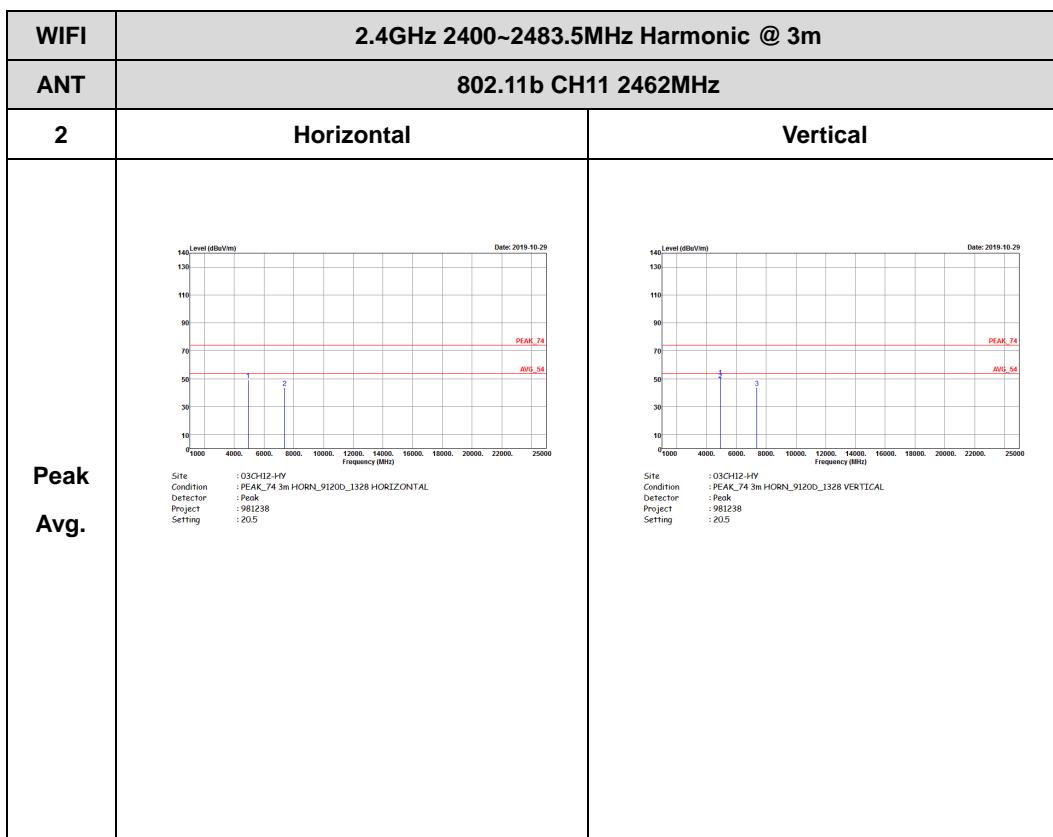


2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)



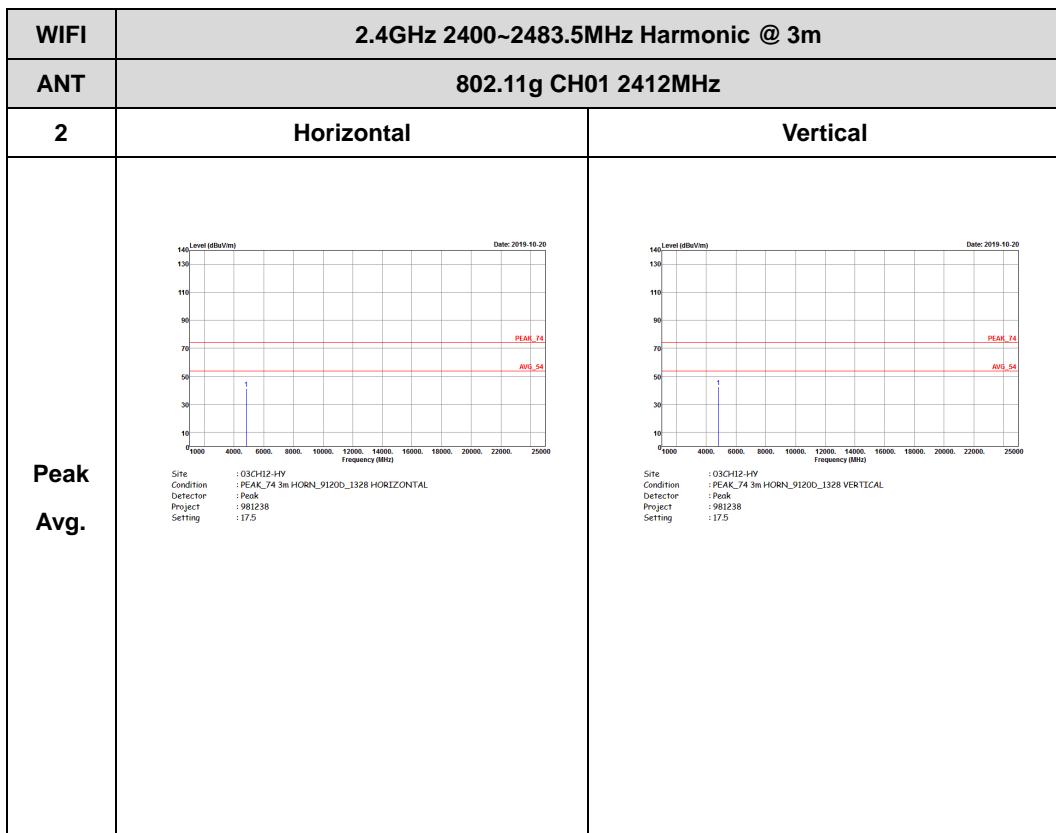


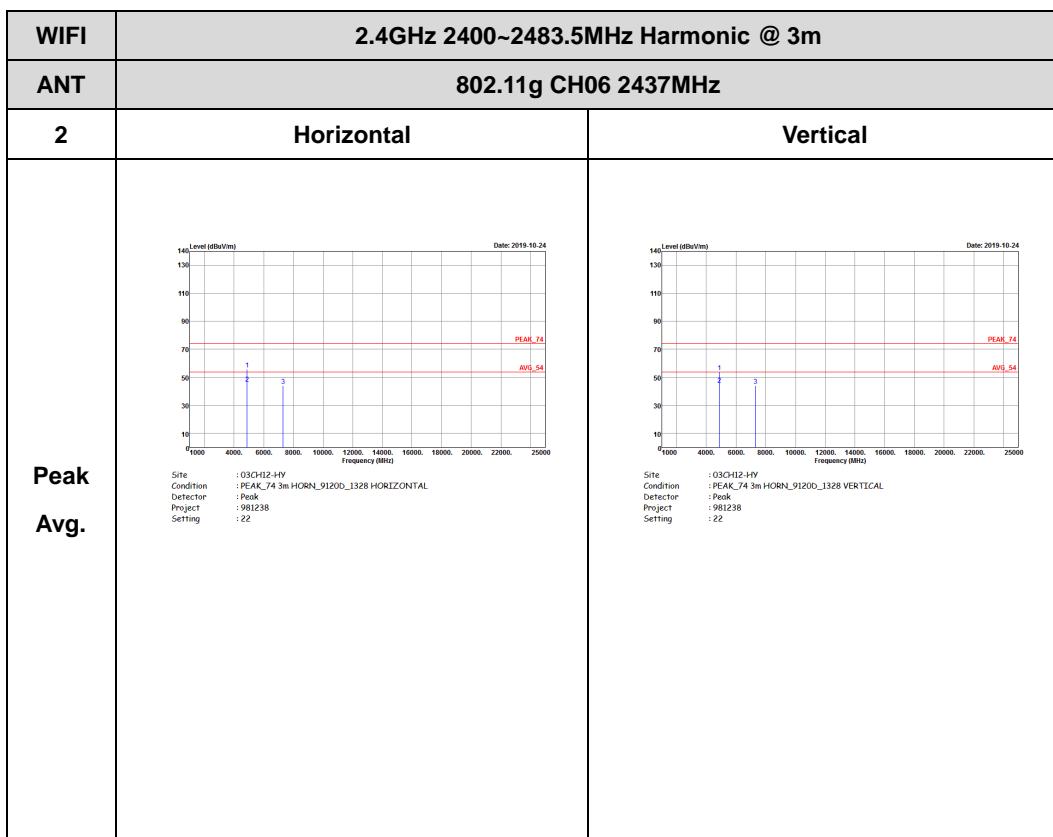


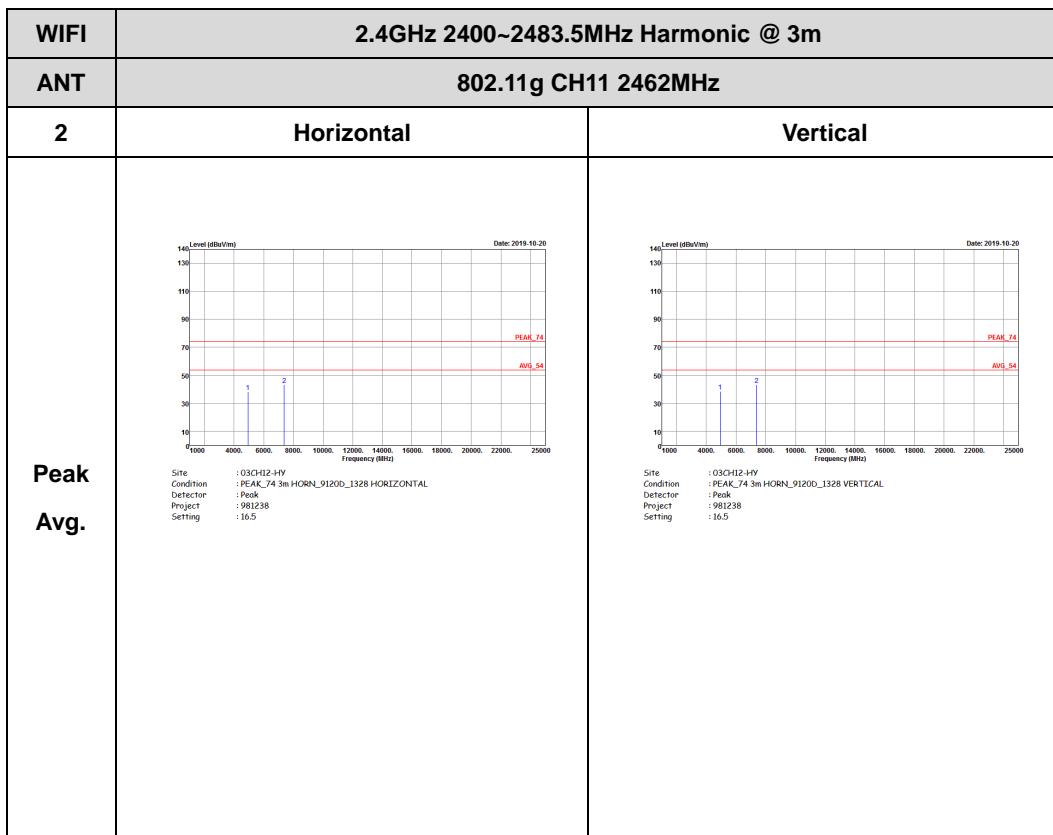


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)



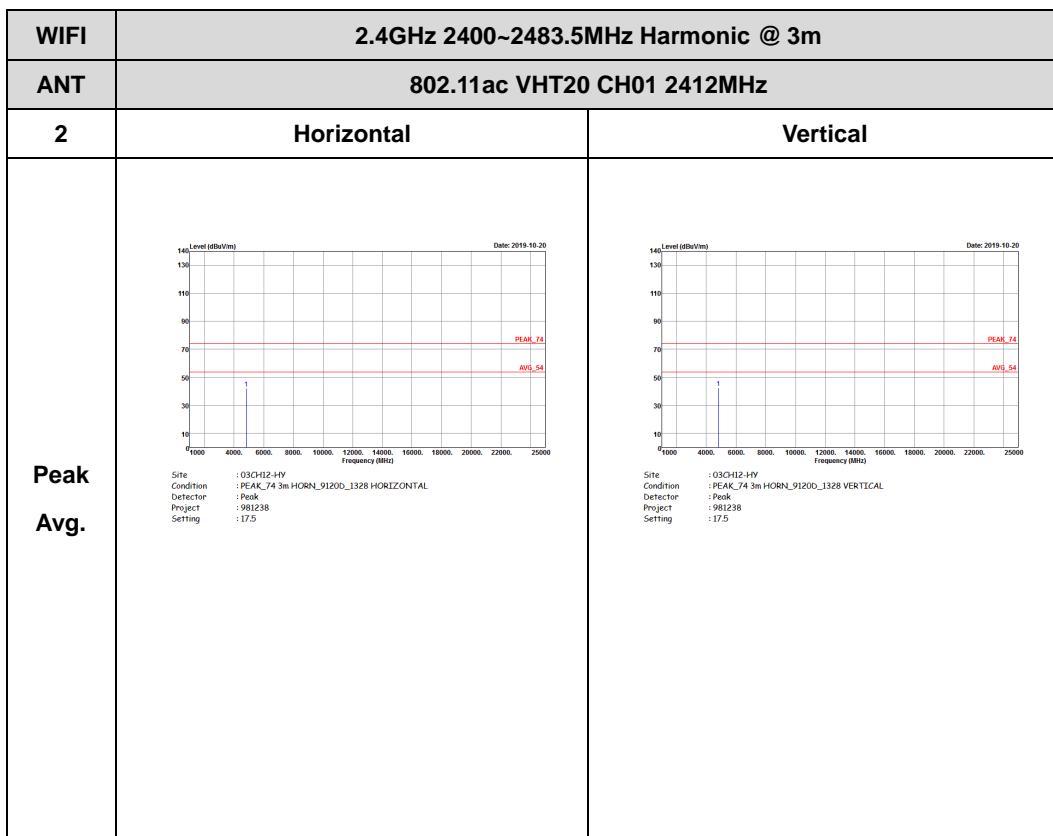


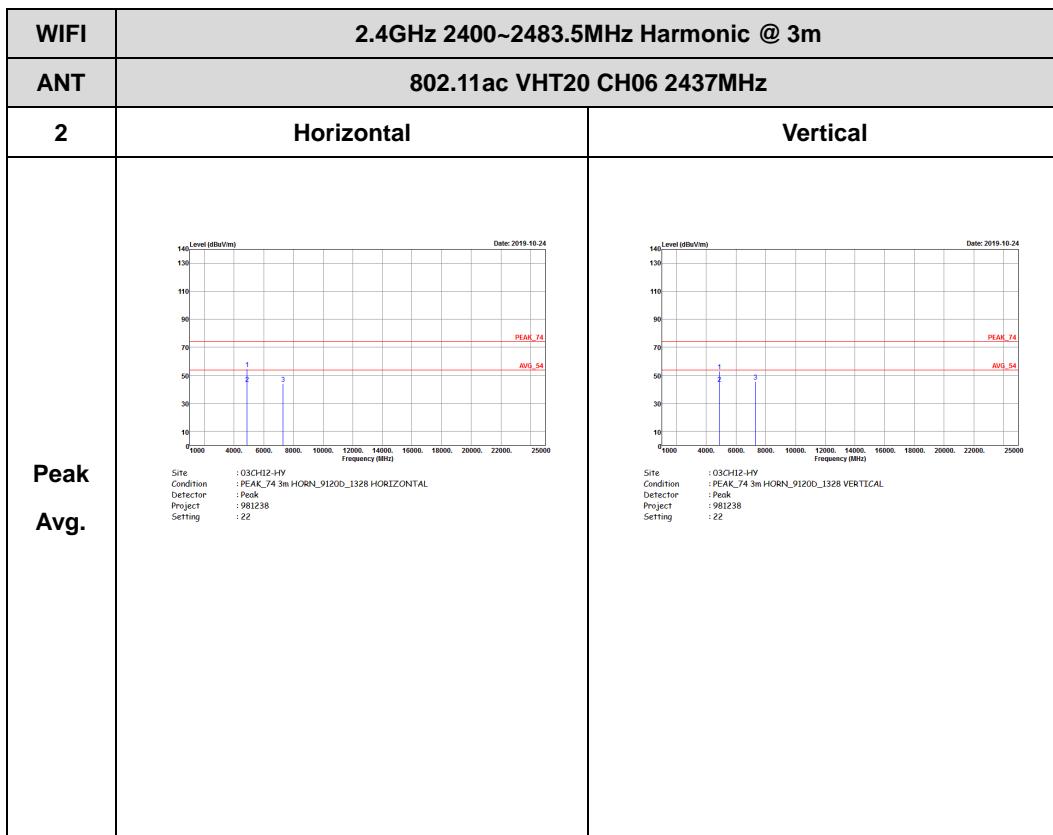


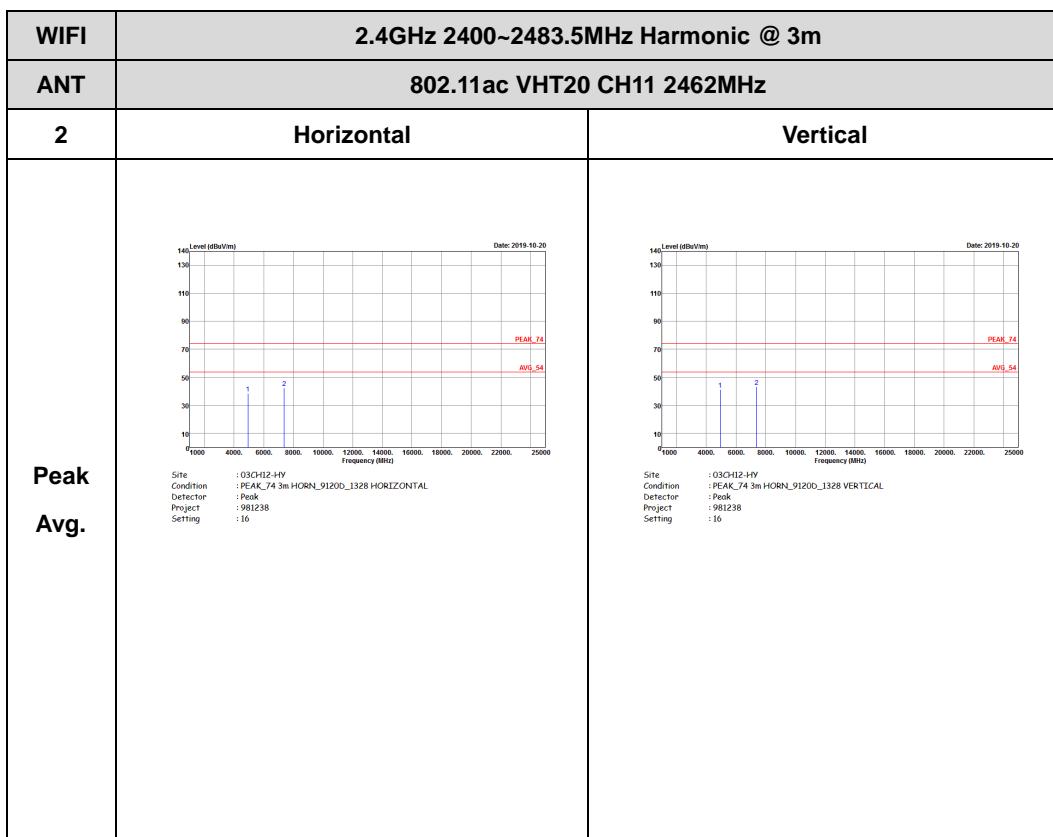


2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)



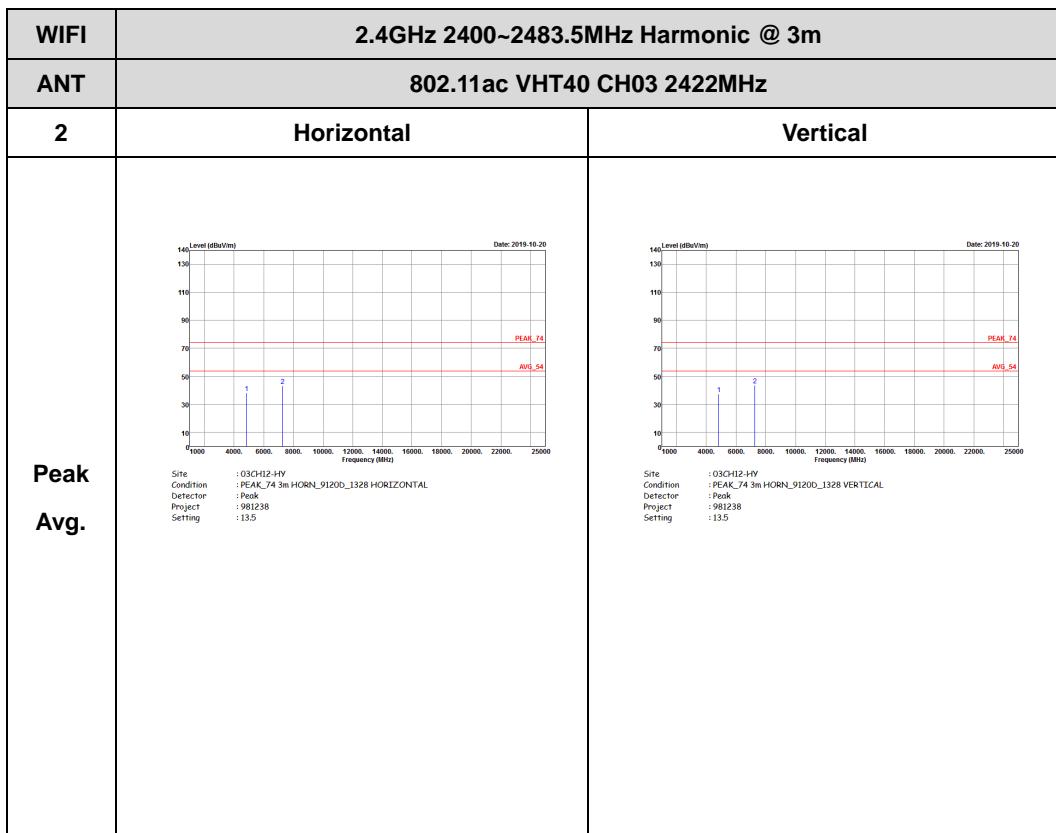


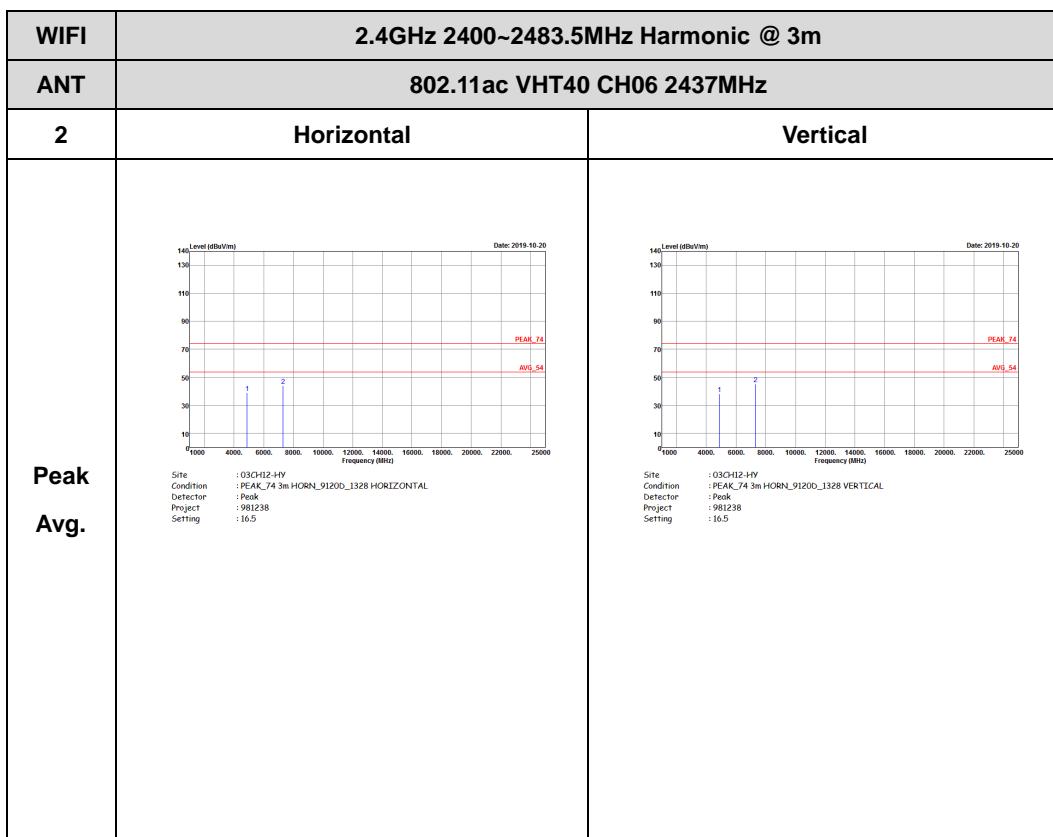


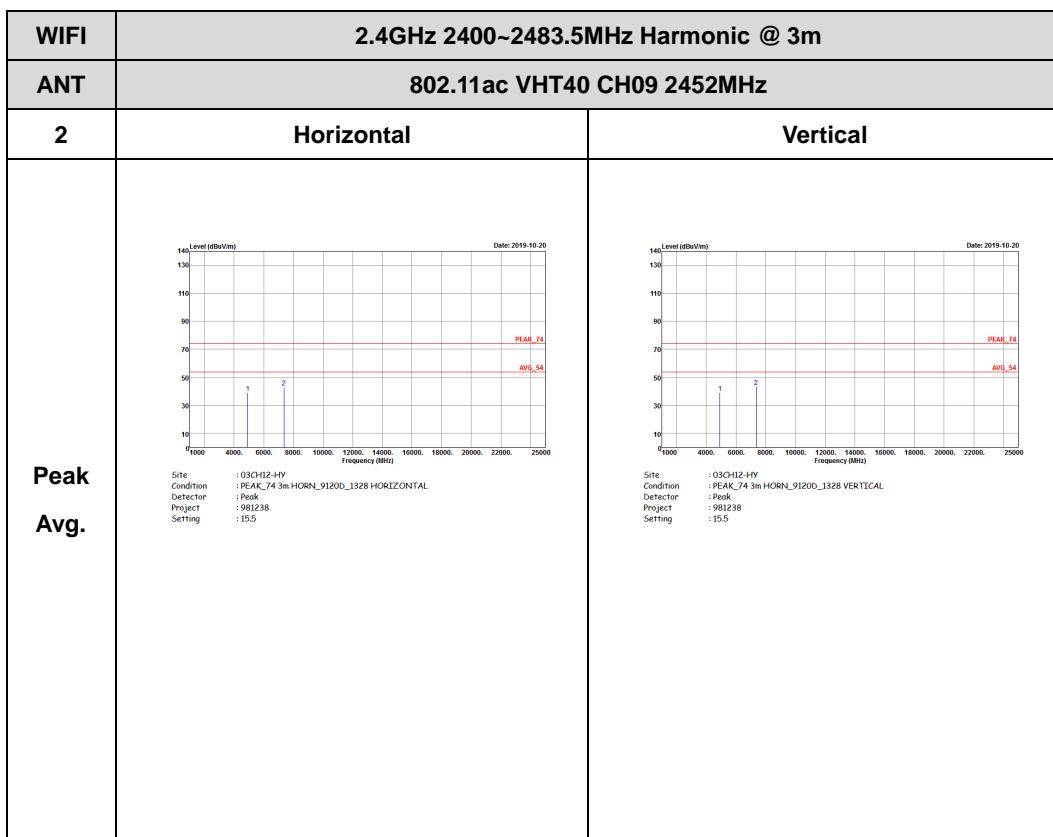


2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)



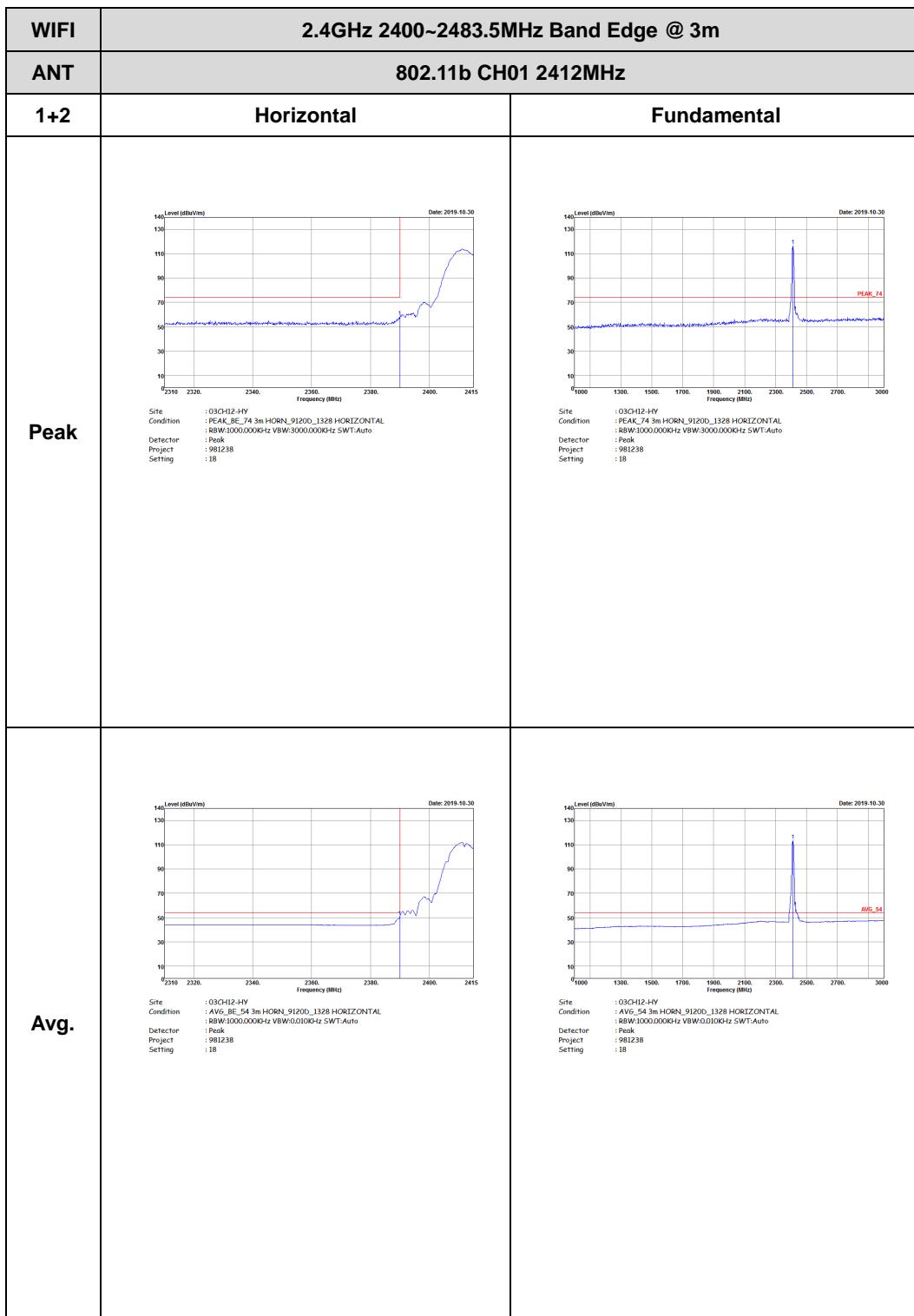


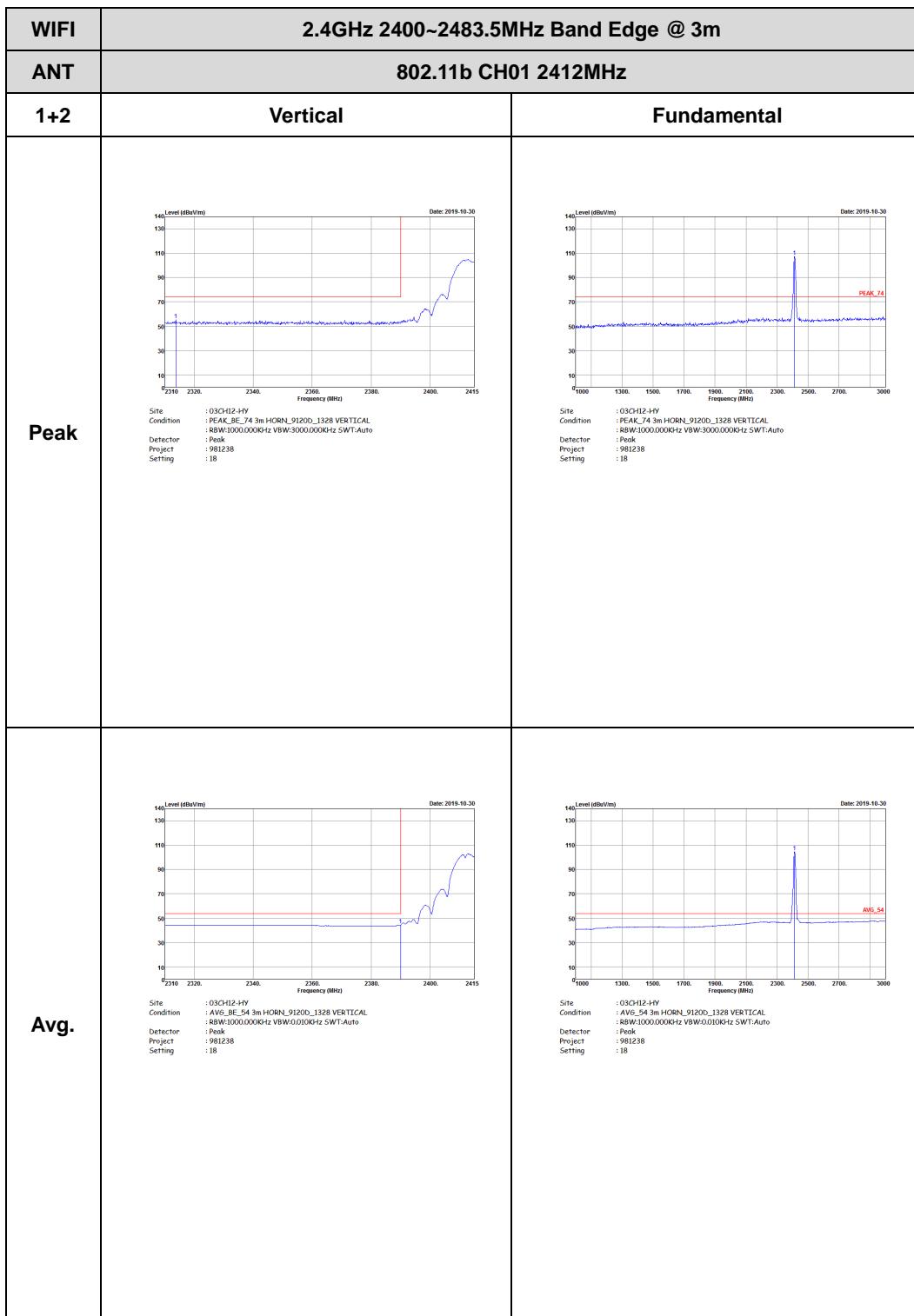


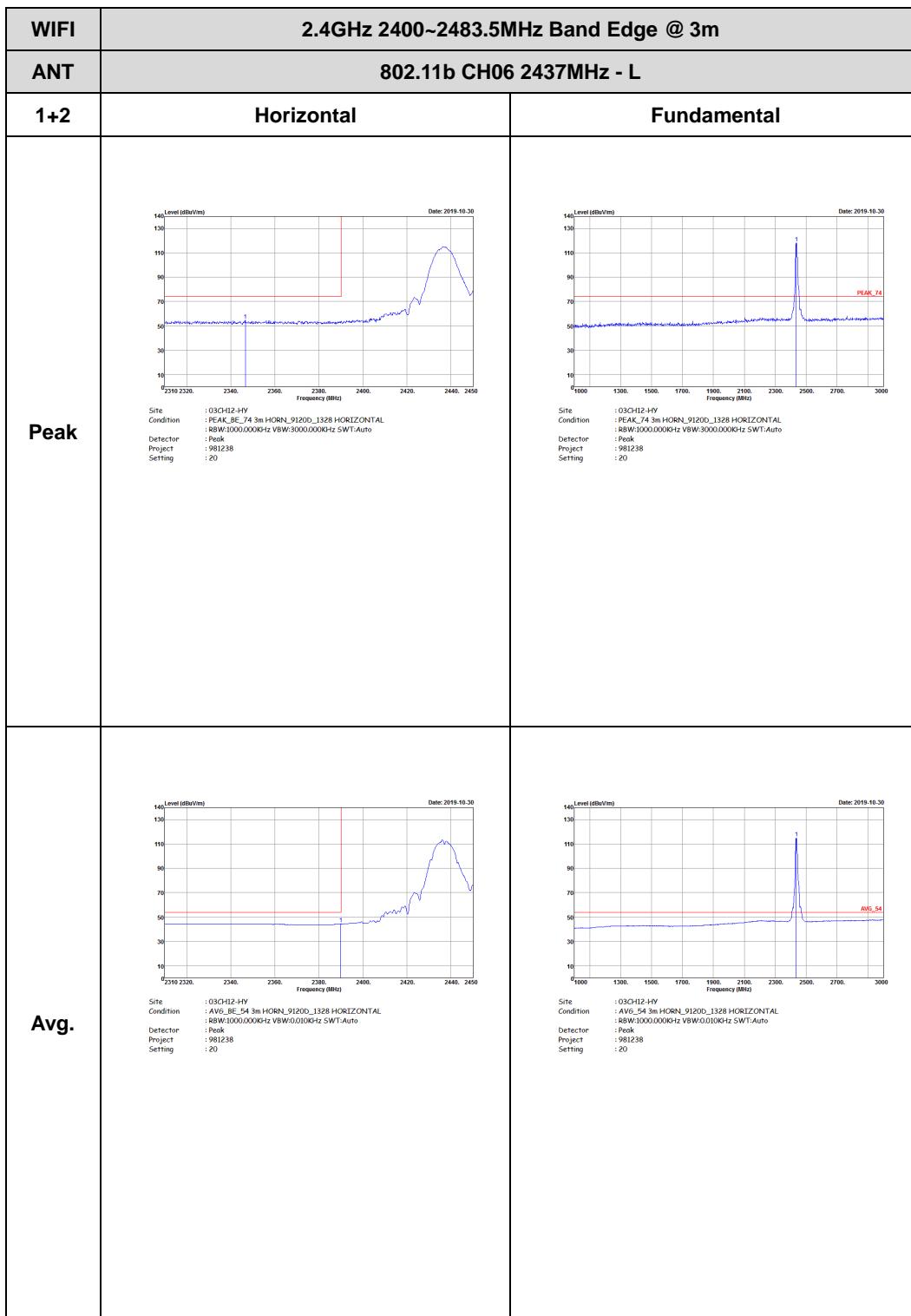


2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

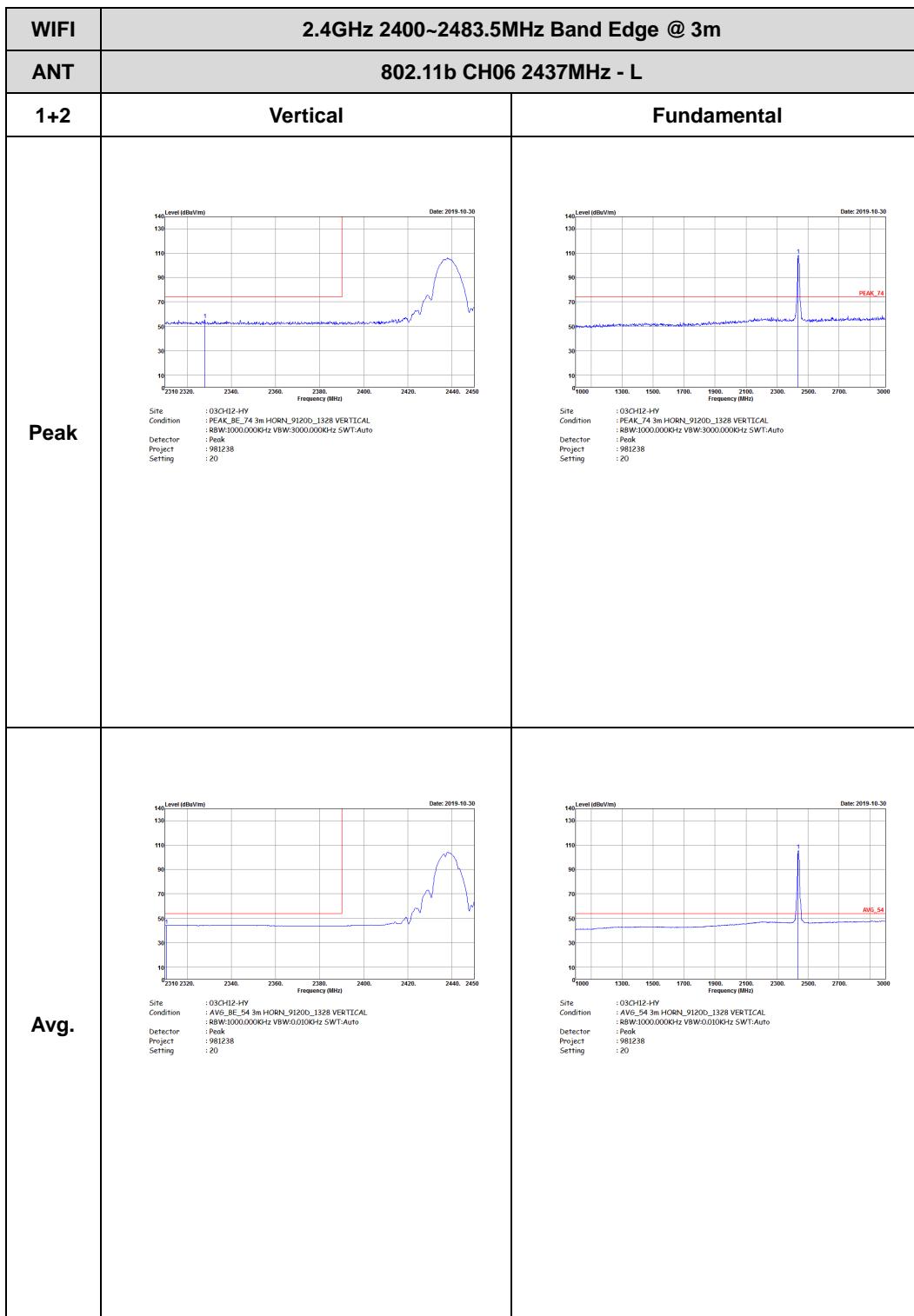




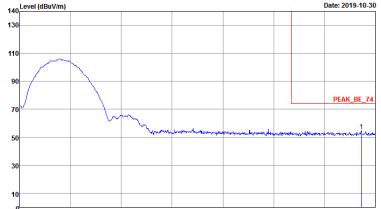


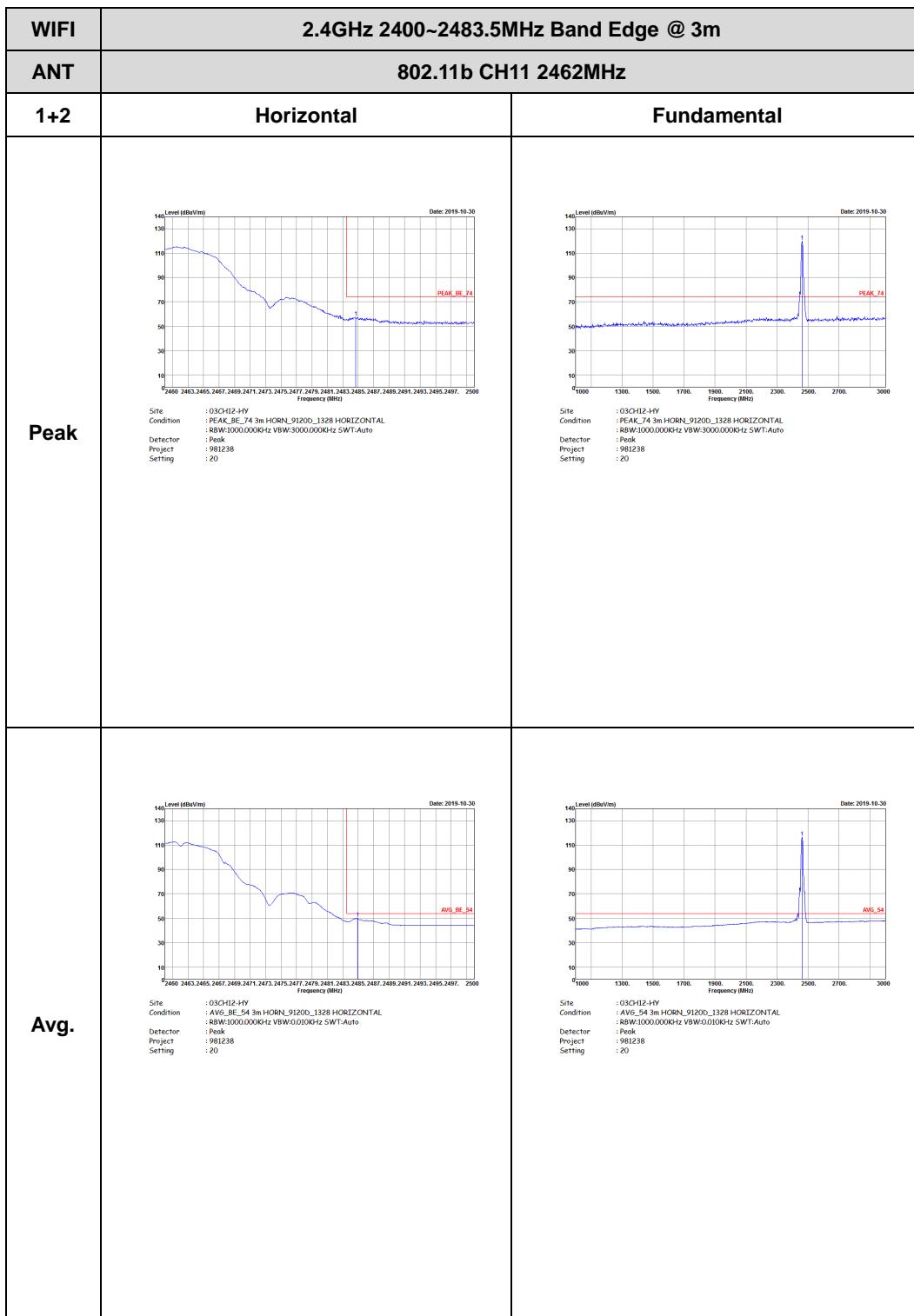


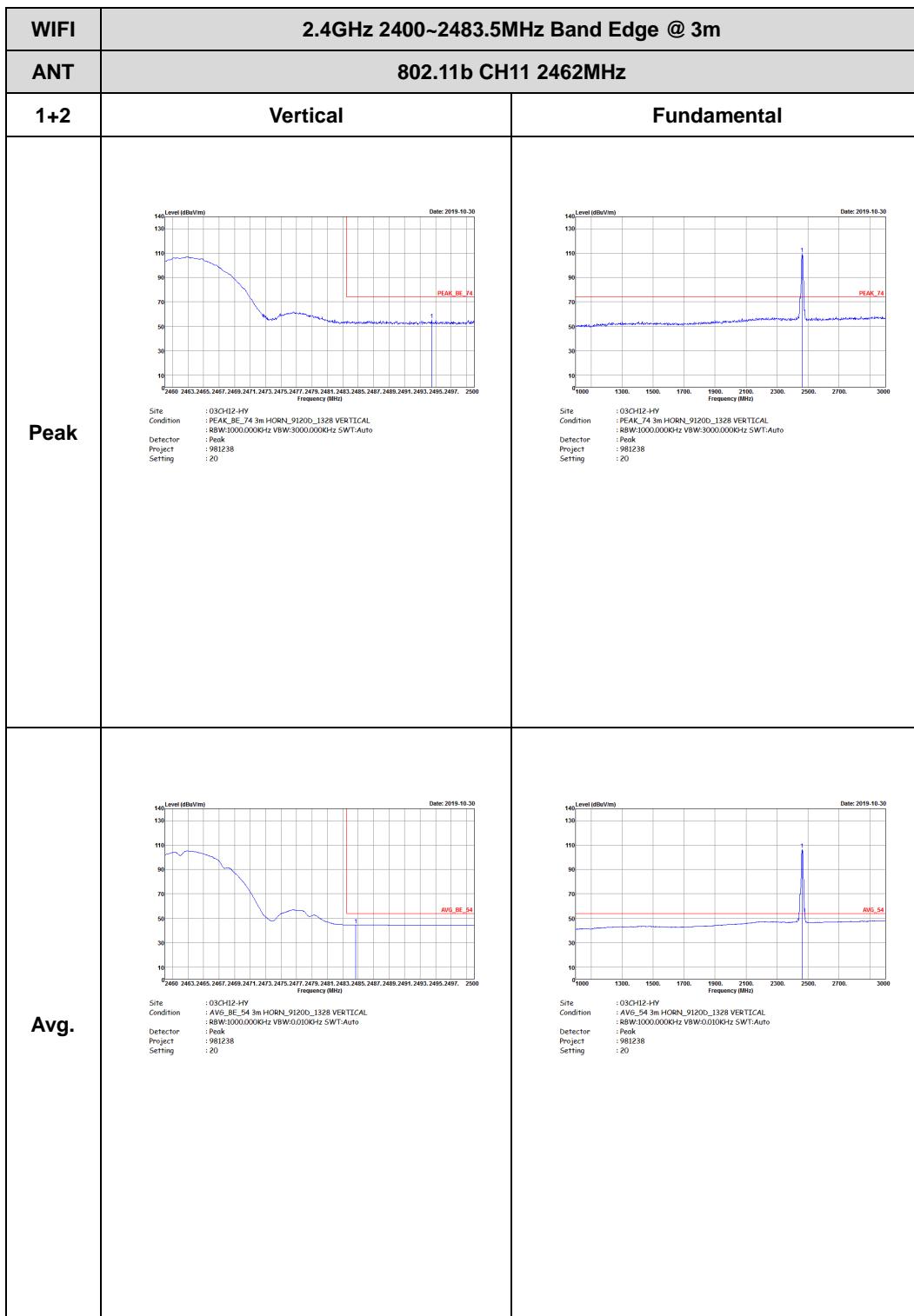
| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11b CH06 2437MHz - R | |
| 1+2 | Horizontal | Fundamental |
| Peak | <p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>2430 2440 2450 2460 2470 2480 2490 2500 Frequency (MHz)</p> <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_91200_1328 HORIZONTAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 20</p> | Left blank |
| Avg. | <p>Level (dBmV/m)</p> <p>Date: 2019-10-30</p> <p>2430 2440 2450 2460 2470 2480 2490 2500 Frequency (MHz)</p> <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_91200_1328 HORIZONTAL Detector : 88W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Setting : 20</p> | Left blank |





| | | |
|------|--|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11b CH06 2437MHz - R | |
| 1+2 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 20</p> | Left blank |
| Avg. |  <p>Site : 03CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 981238 Setting : 20</p> | Left blank |

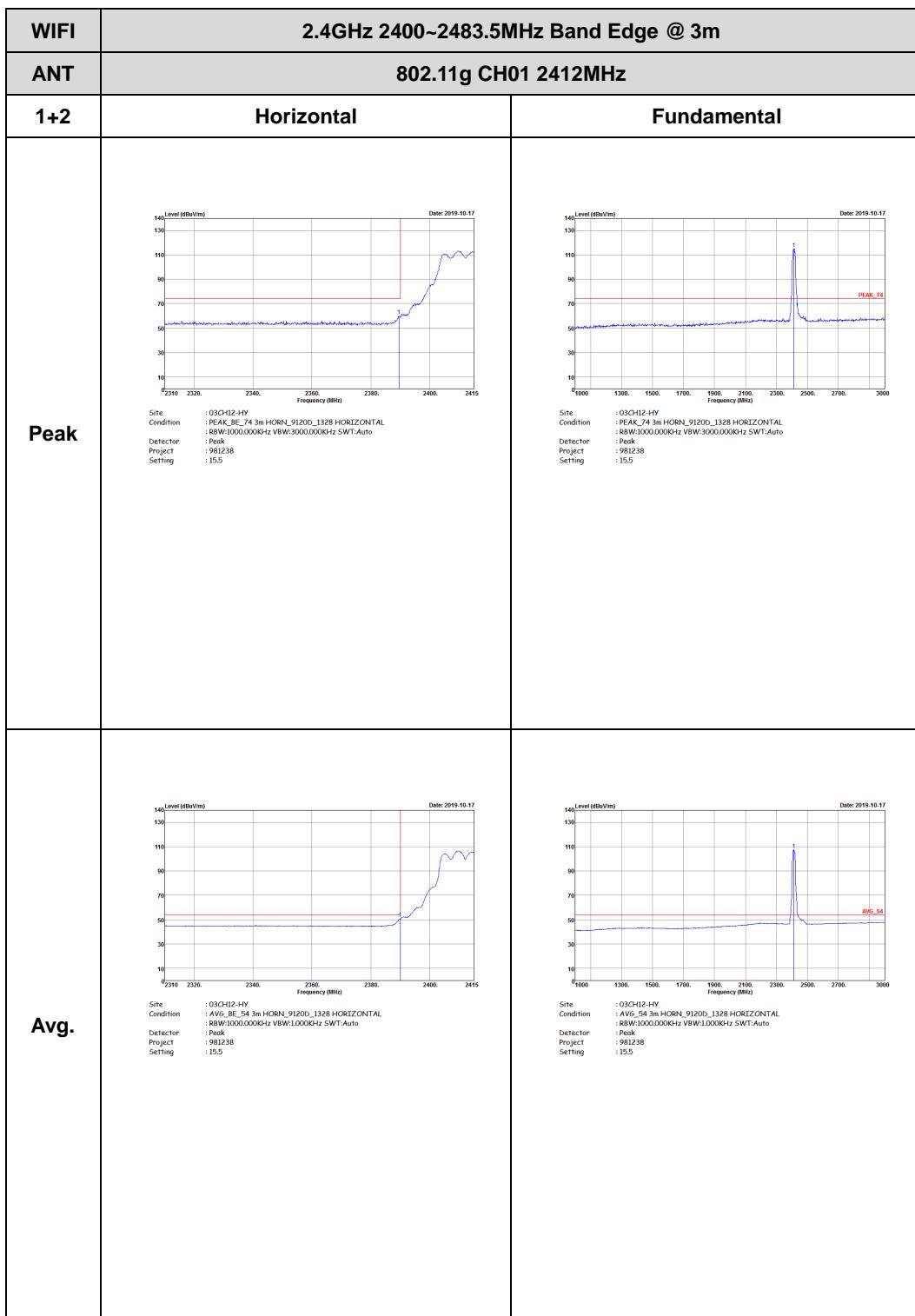


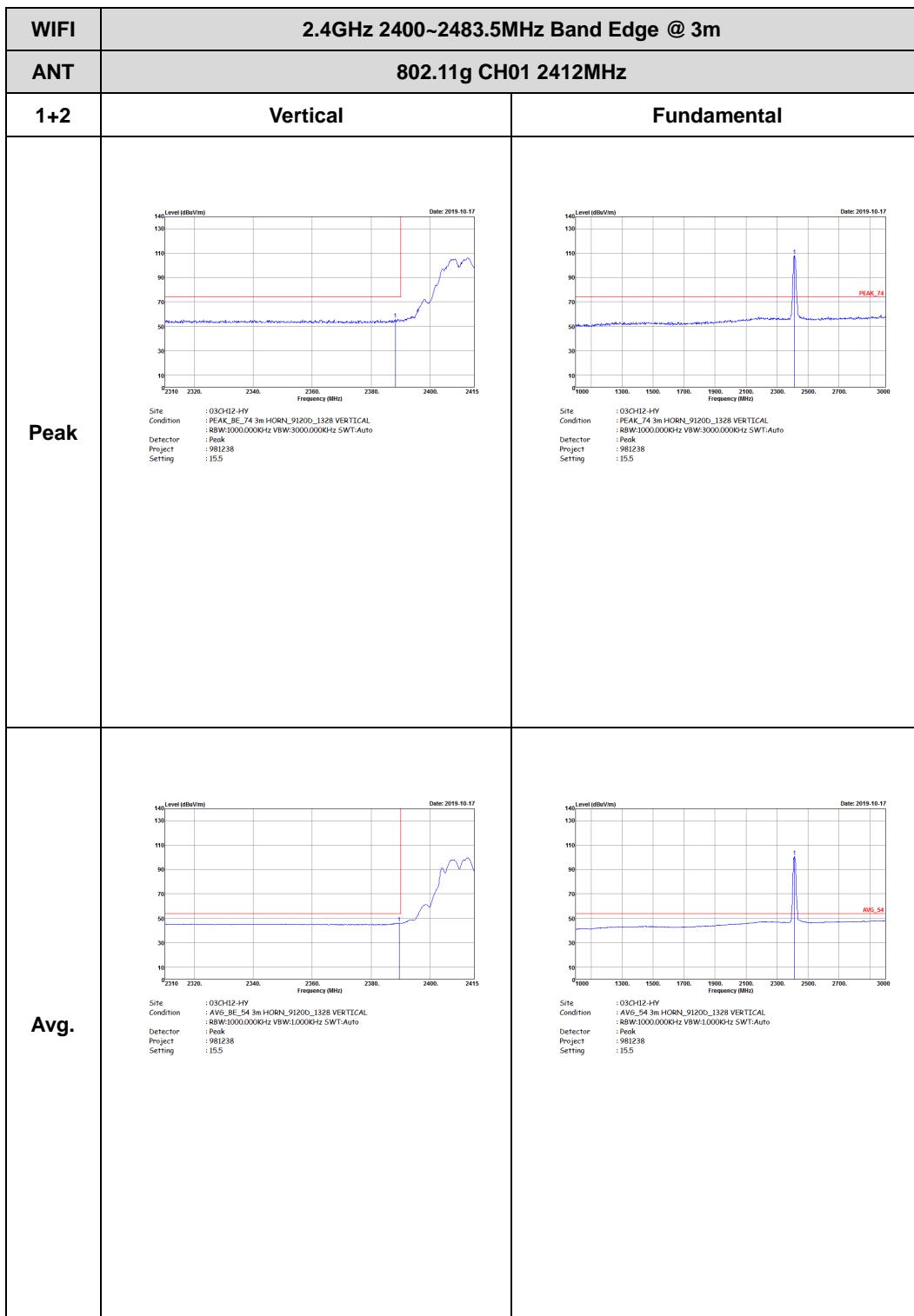


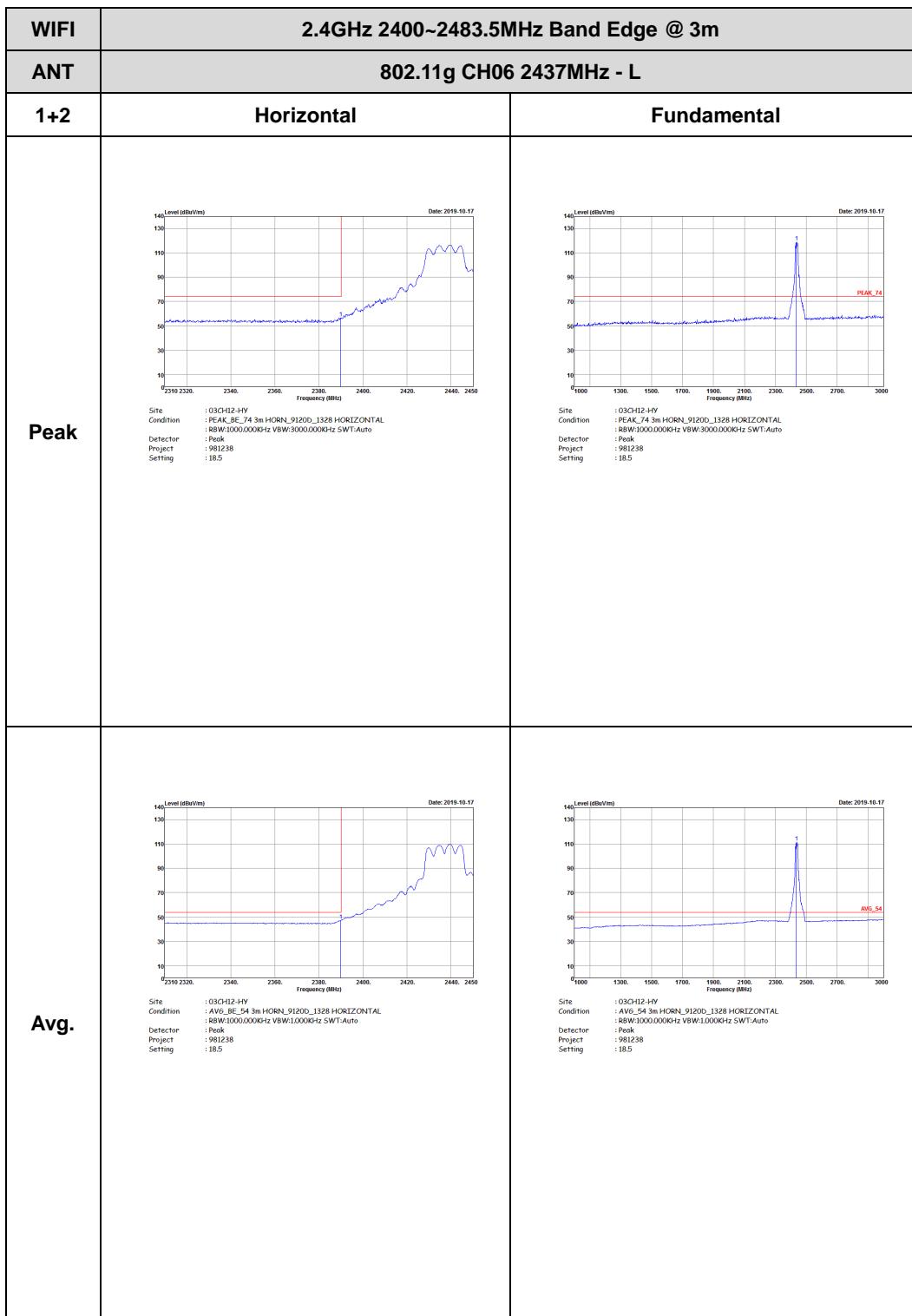


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

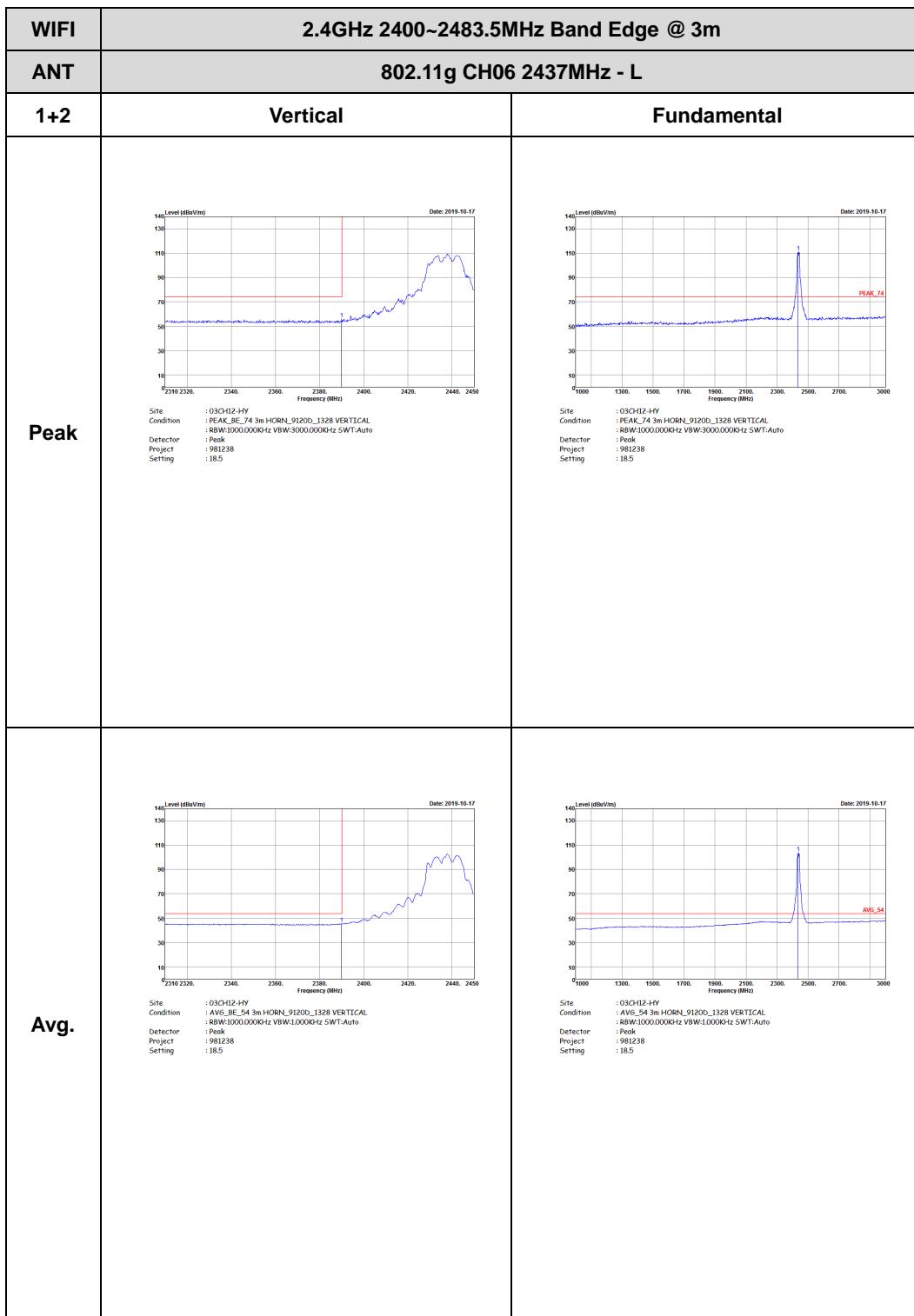






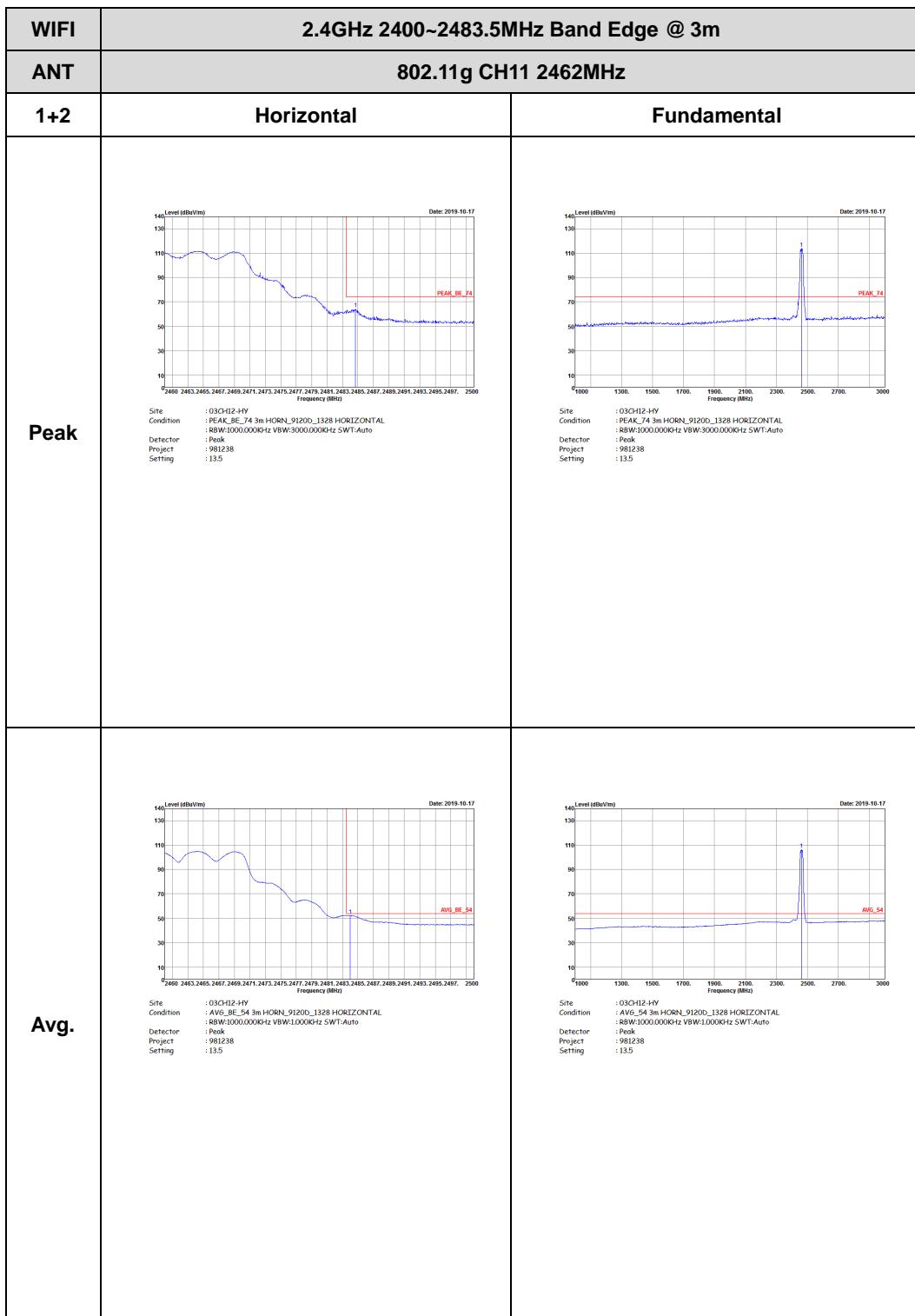


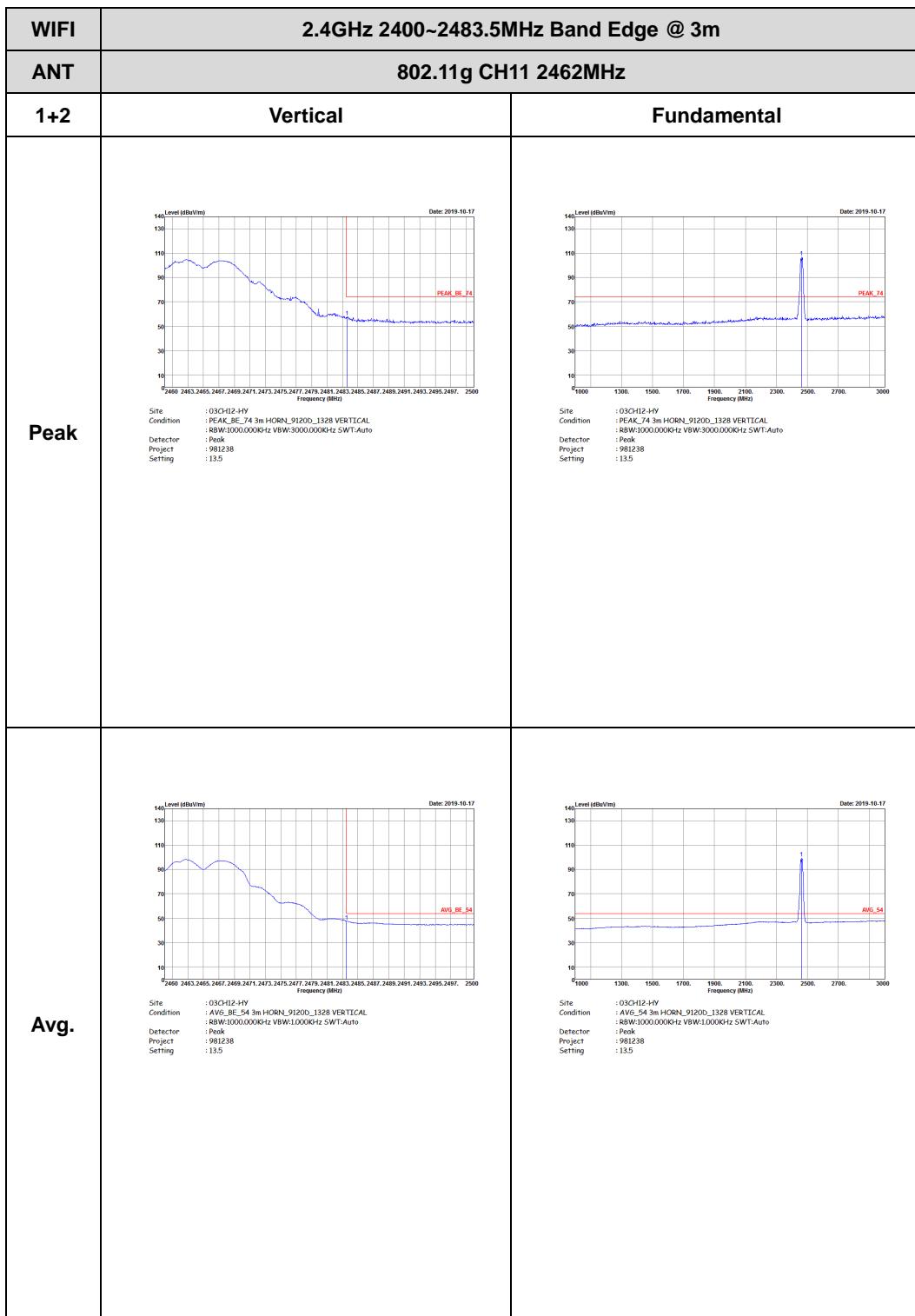
| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11g CH06 2437MHz - R | |
| 1+2 | Horizontal | Fundamental |
| Peak | <p>Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 18.5</p> | Left blank |
| Avg. | <p>Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 18.5</p> | Left blank |





| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11g CH06 2437MHz - R | |
| 1+2 | Vertical | Fundamental |
| Peak | <p>Date: 2019-10-17</p> <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORNL_91200_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 18.5</p> | Left Blank |
| Avg. | <p>Date: 2019-10-17</p> <p>Site : AVG_BE_54 3m HORNL_91200_1328 VERTICAL Condition : AVG_BE_54 3m HORNL_91200_1328 VERTICAL Detector : 88W:1000.000KHz VBW:1000KHz SWT:Auto Project : 981238 Setting : 18.5</p> | Left Blank |

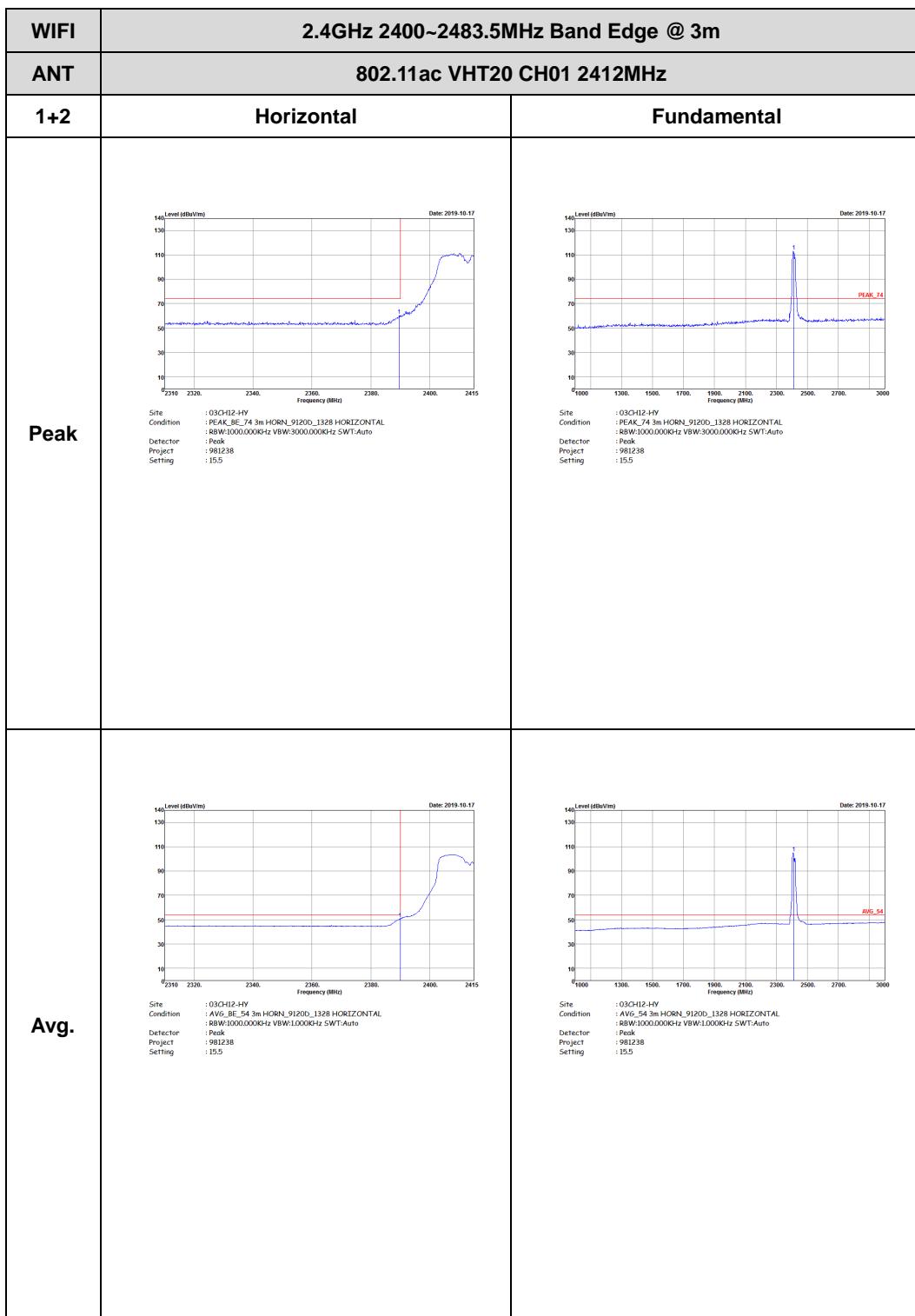


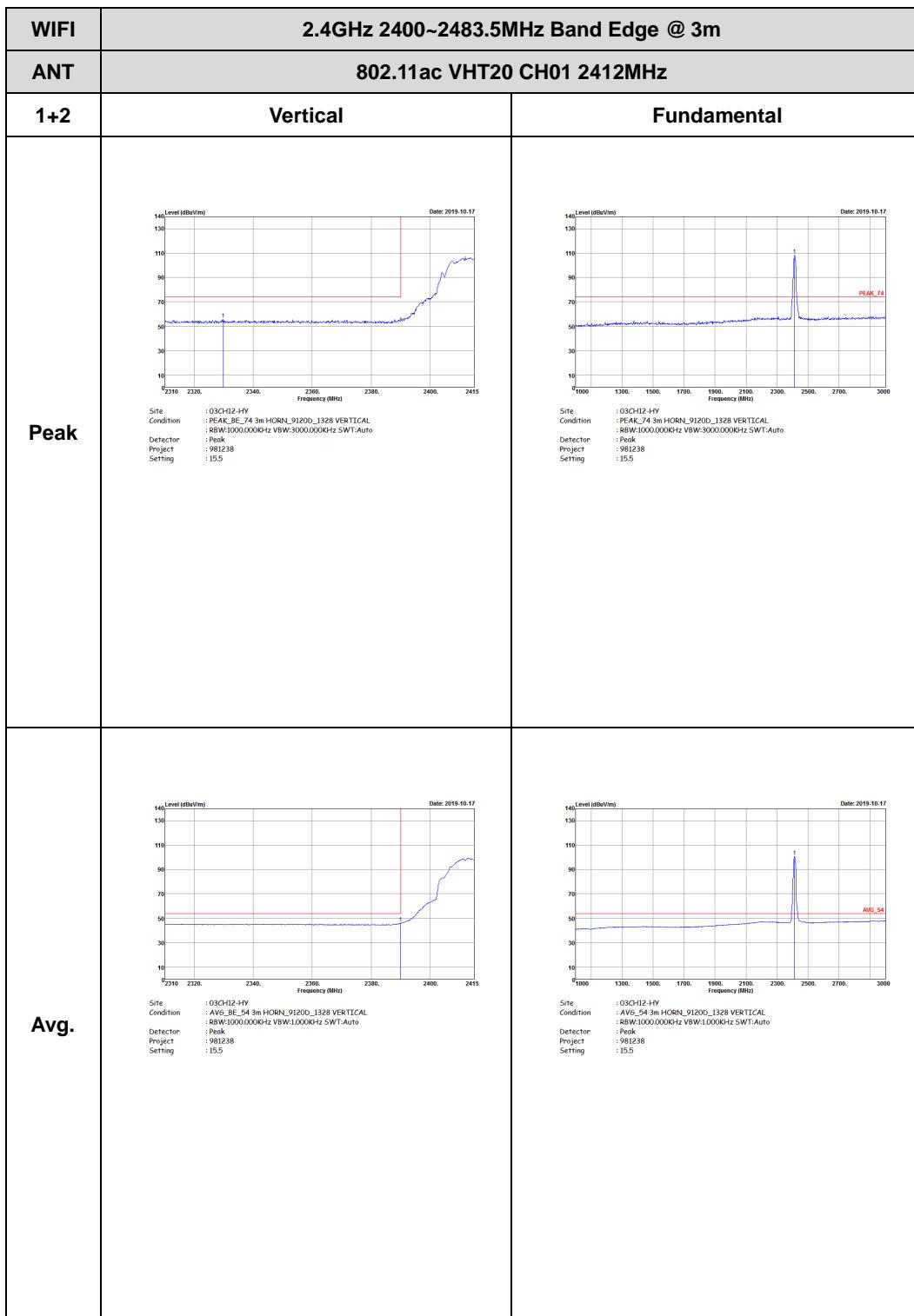


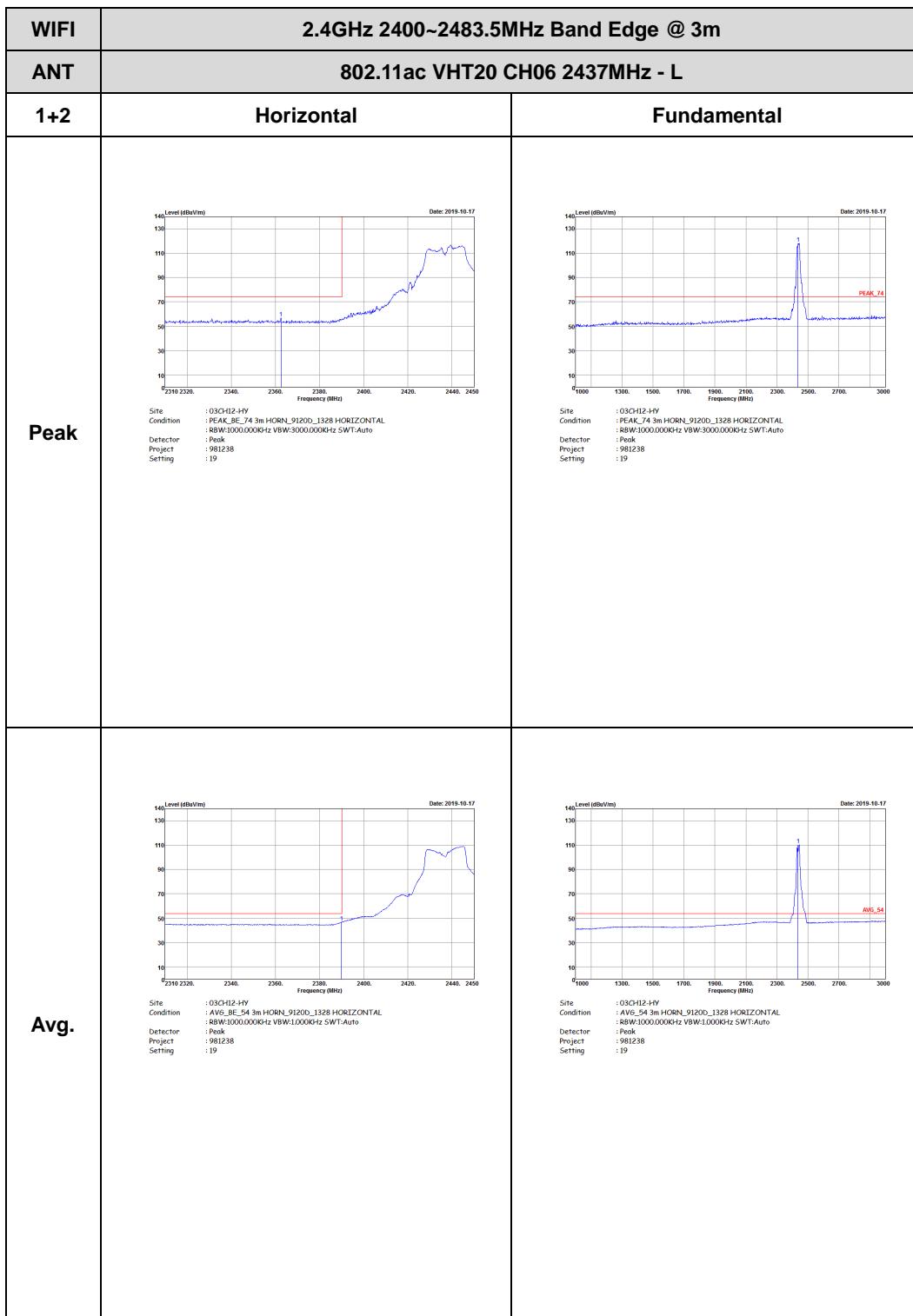


2.4GHz 2400~2483.5MHz

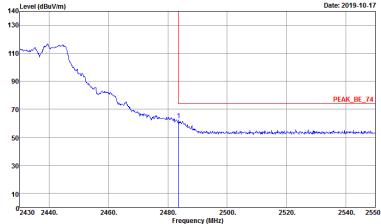
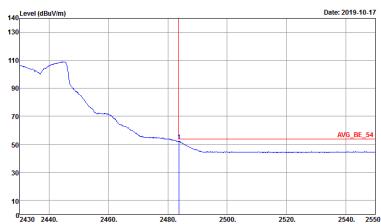
WIFI 802.11ac VHT20 (Band Edge @ 3m)

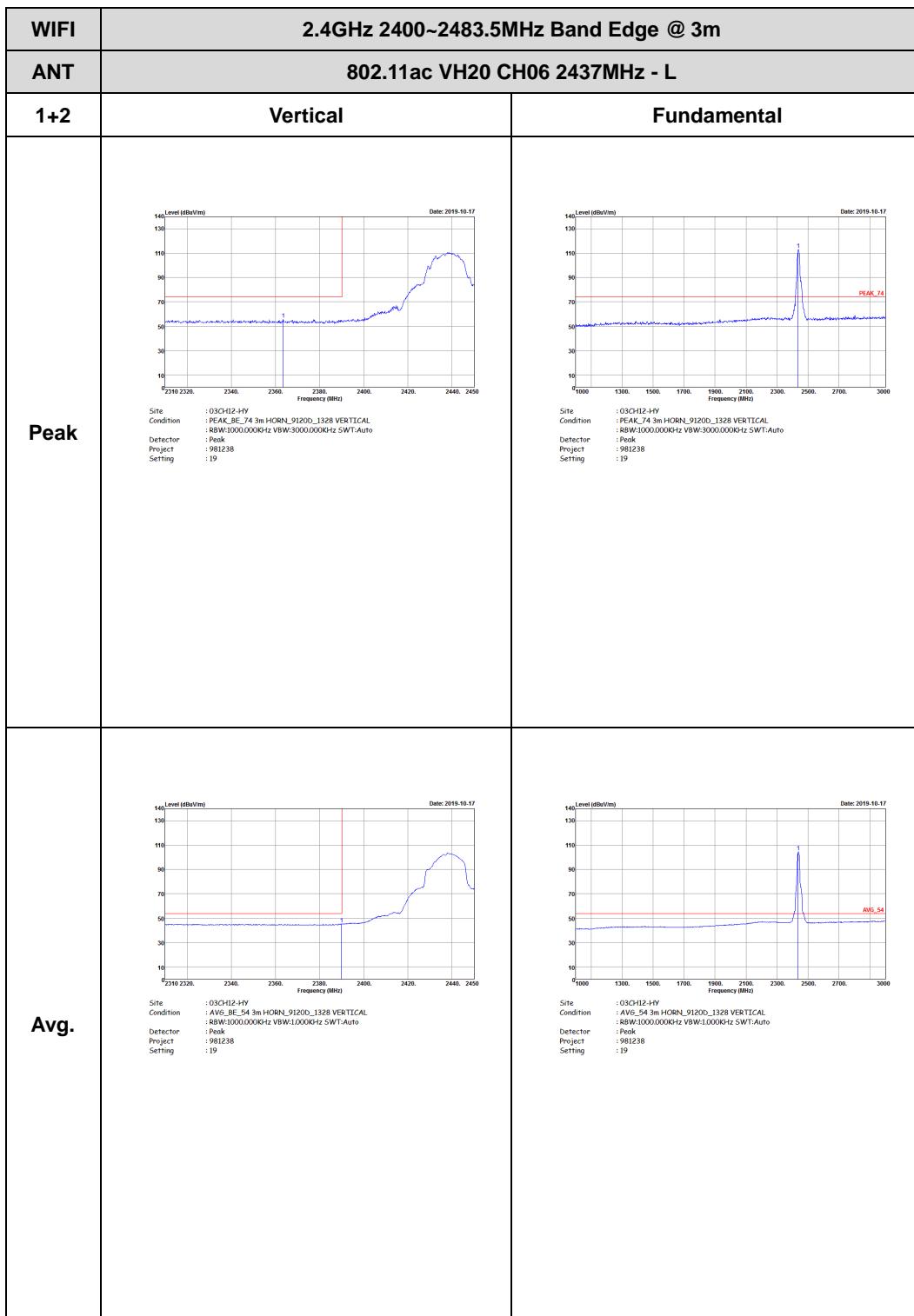




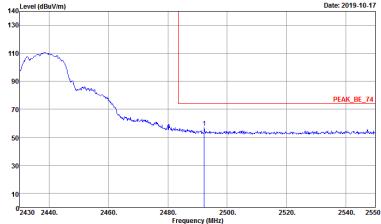
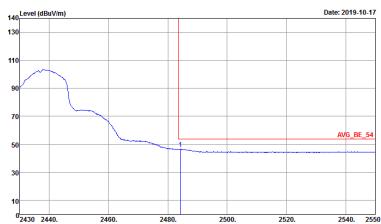


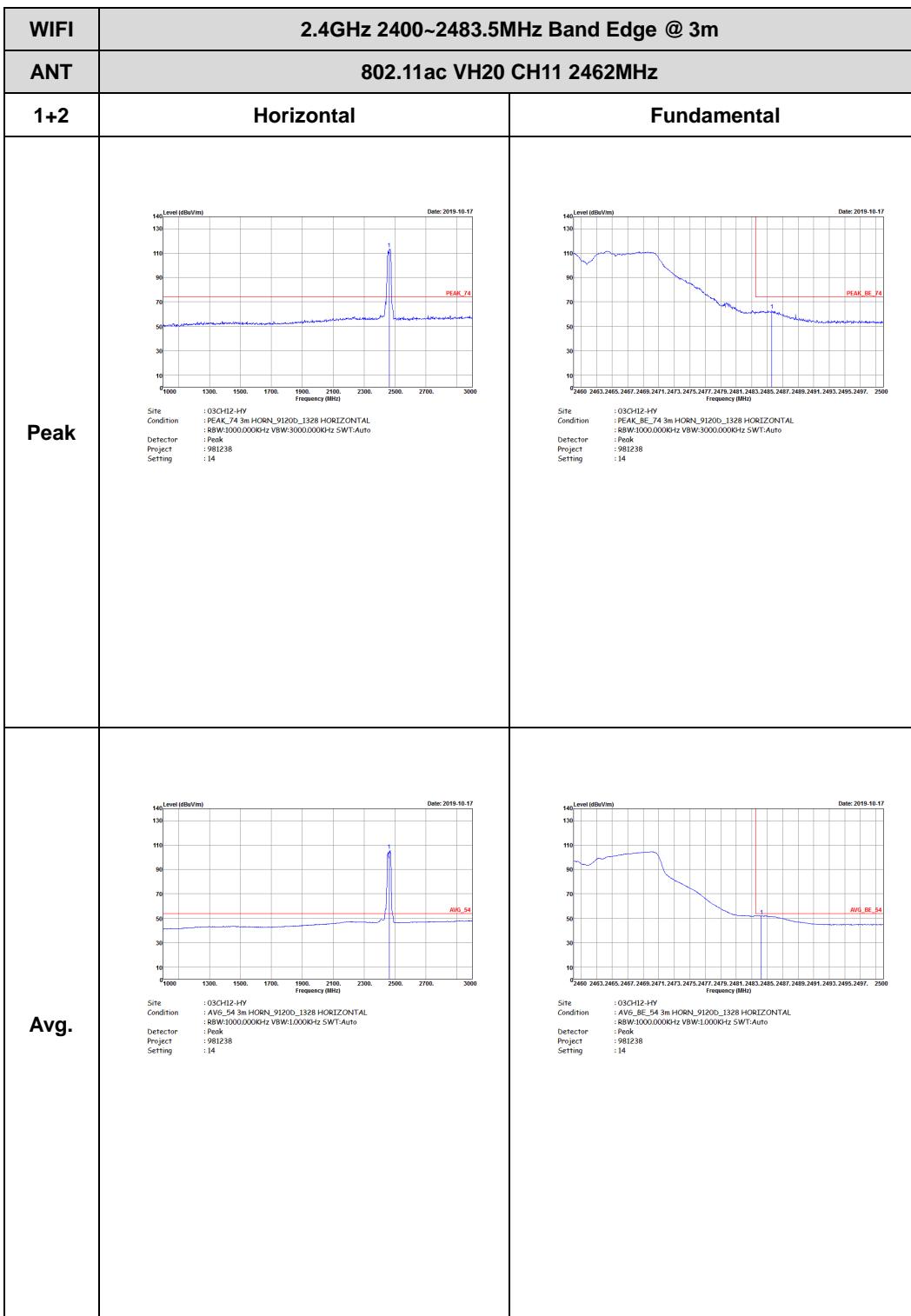


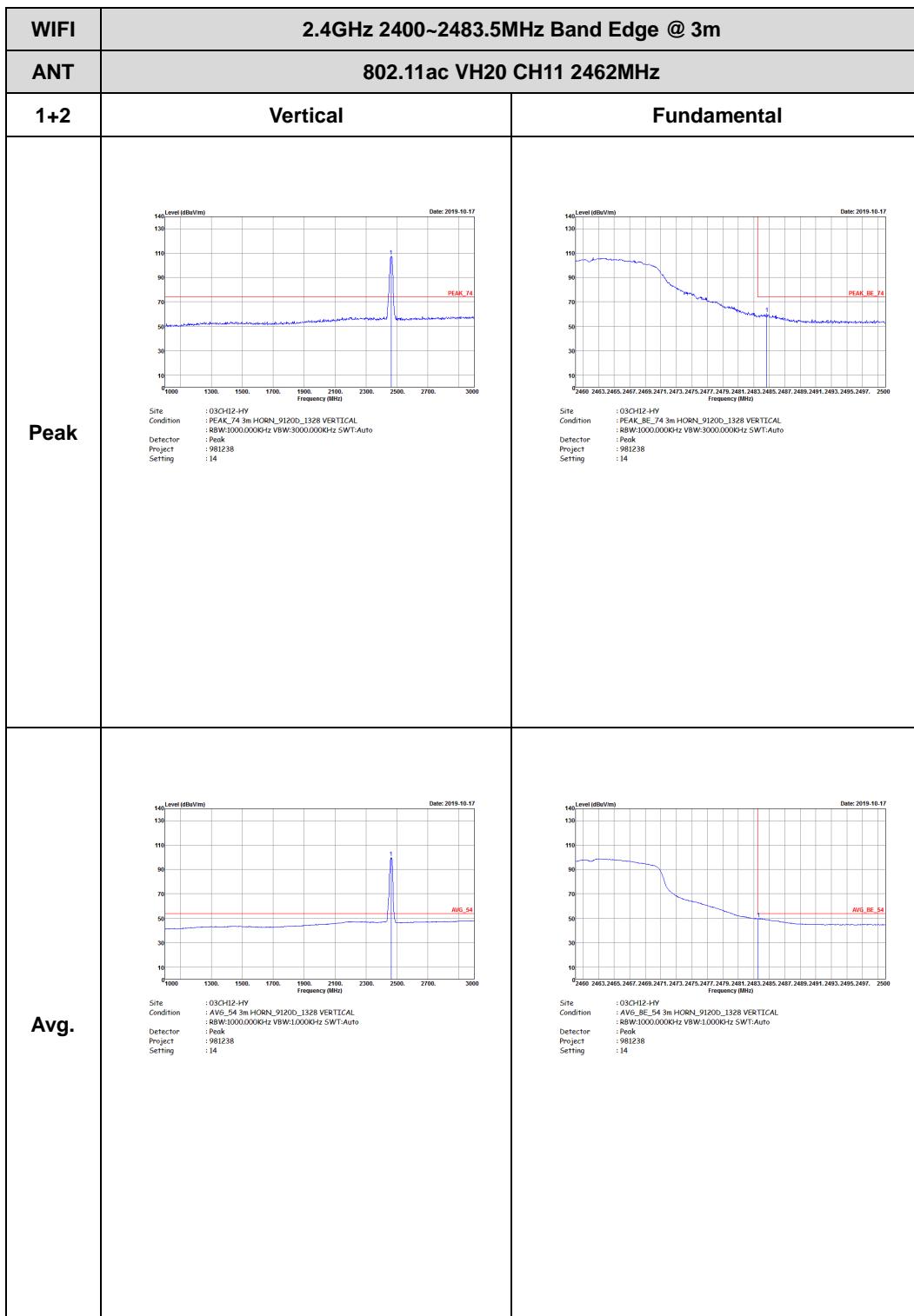
| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH20 CH06 2437MHz - R | |
| 1+2 | Horizontal | Fundamental |
| Peak |  <p>14_Level (dBuV/m) Date: 2019-10-17 130 110 90 70 50 30 10 2430 2440 2460 2480 2500 2520 2540 2560 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 19</p> | Left blank |
| Avg. |  <p>14_Level (dBuV/m) Date: 2019-10-17 130 110 90 70 50 30 10 2430 2440 2460 2480 2500 2520 2540 2560 Frequency (MHz) Site : 03CH12-HY Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 19</p> | Left blank |





| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH20 CH06 2437MHz - R | |
| 1+2 | Vertical | Fundamental |
| Peak |  <p>14_Level (dBuV/m) Date: 2019-10-17 130 110 90 70 50 30 10 2430 2440 2460 2480 2500 2520 2540 2560 Frequency (MHz) Site : 03CH12-HY Condition : PEAK_BE_74 3m HORNL_91200_1328 VERTICAL : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 19</p> | Left blank |
| Avg. |  <p>14_Level (dBuV/m) Date: 2019-10-17 130 110 90 70 50 30 10 2430 2440 2460 2480 2500 2520 2540 2560 Frequency (MHz) Site : 03CH12-HY Condition : AVG_BE_54 3m HORNL_91200_1328 VERTICAL : 88W:1000.000KHz VBW:1000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 19</p> | Left blank |

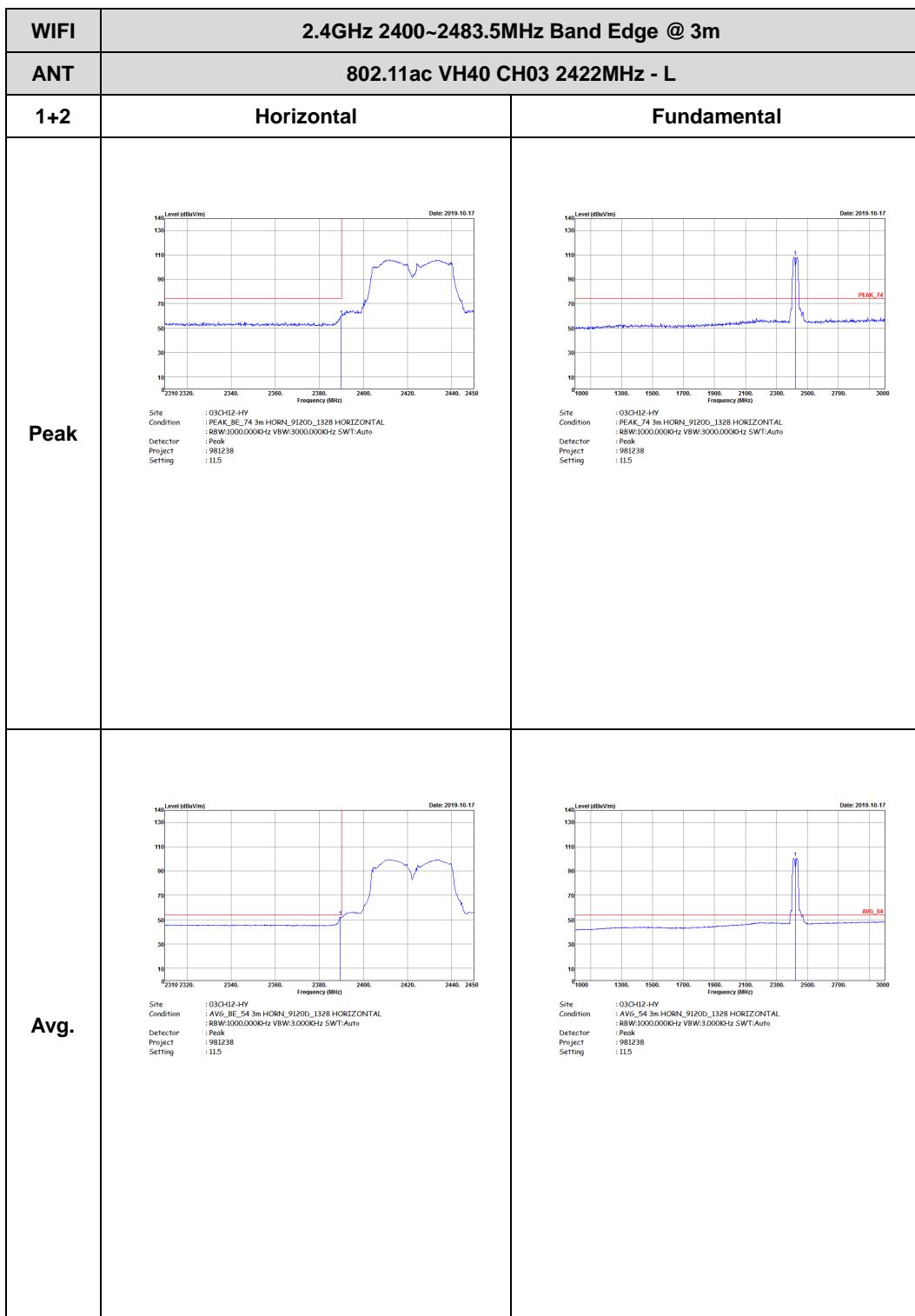






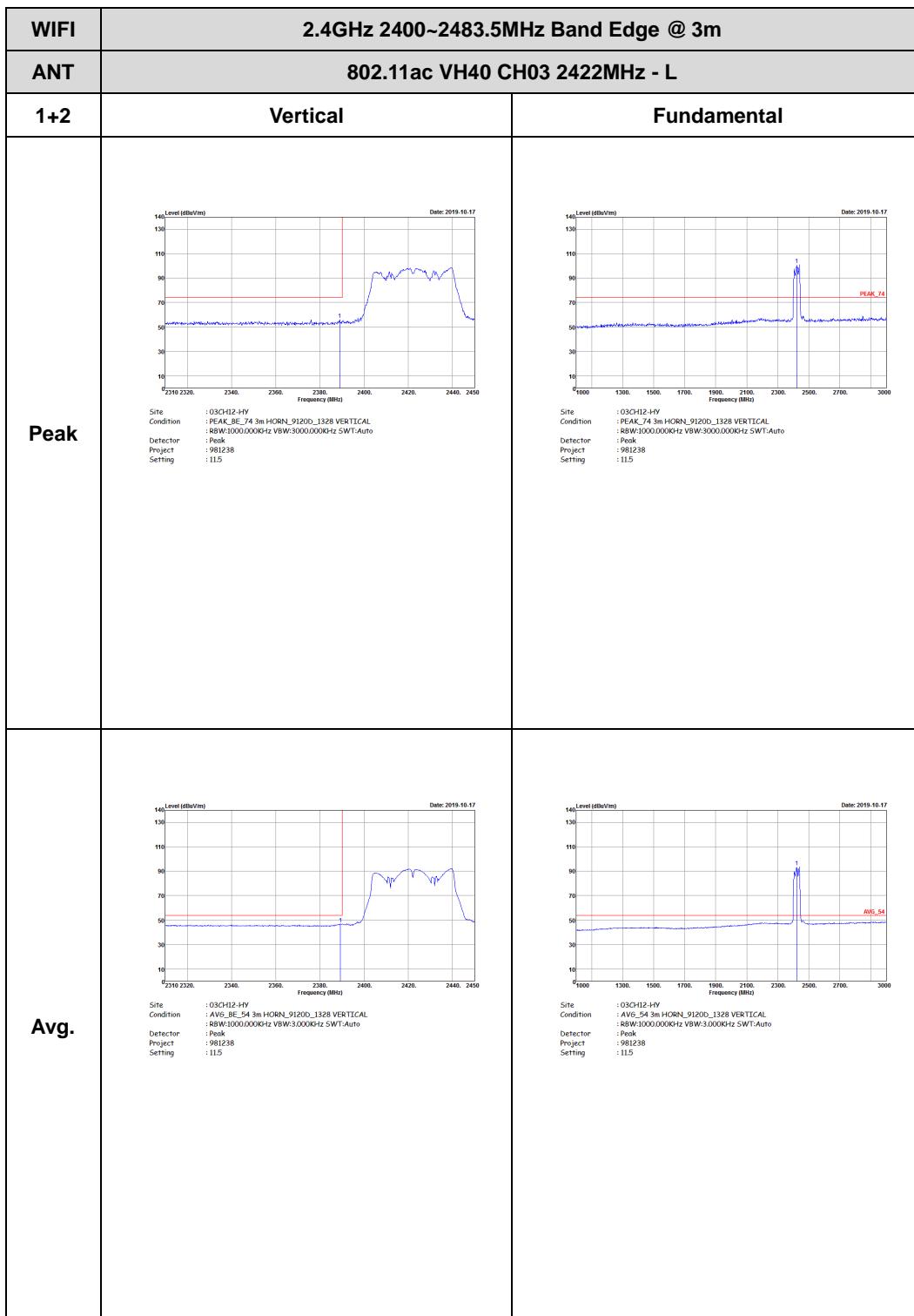
2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

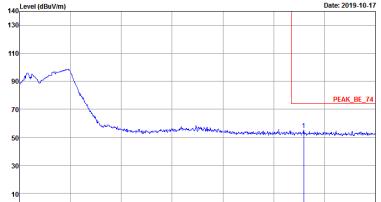
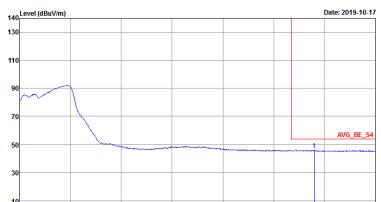


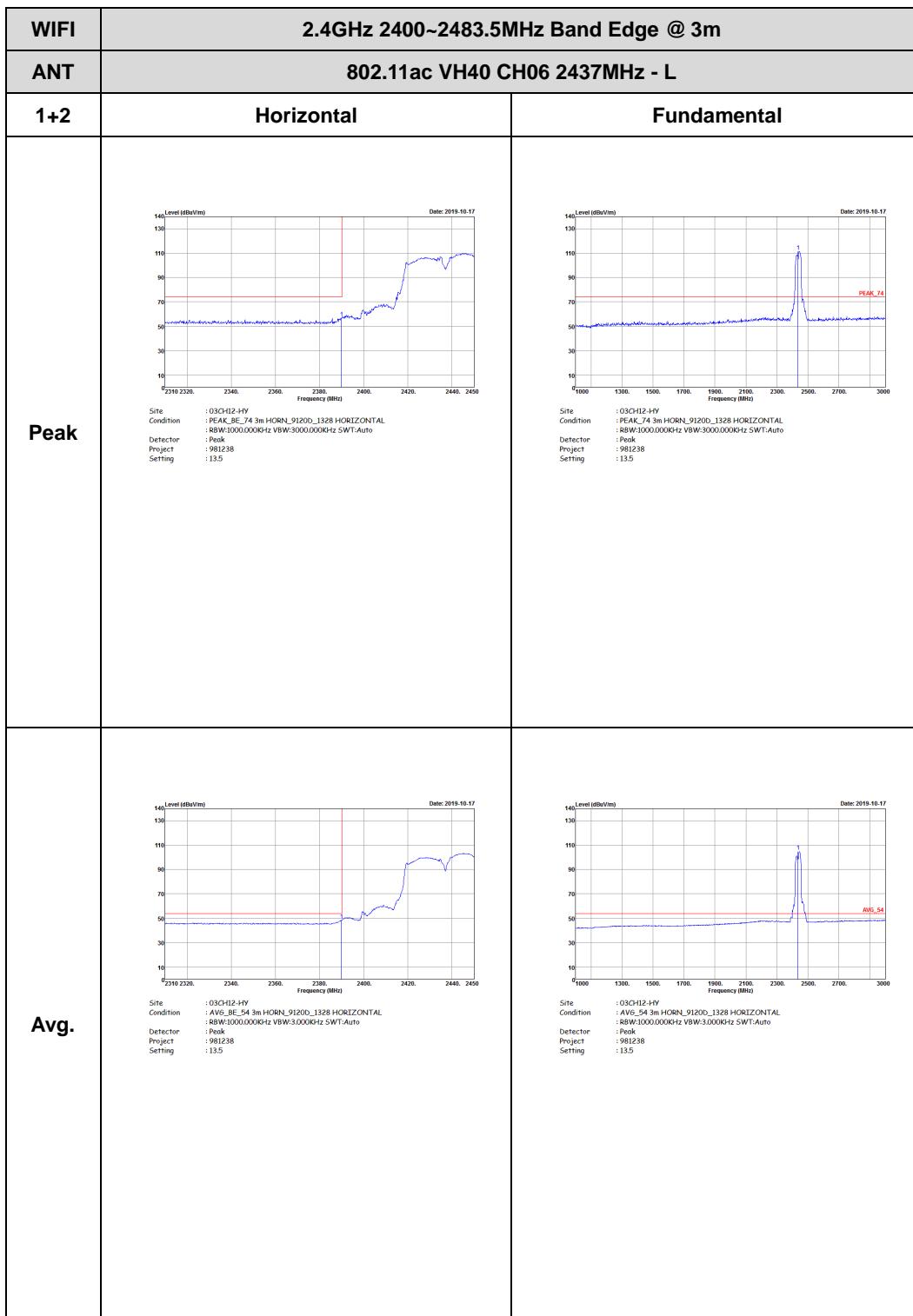


| | | |
|------|--|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH03 2422MHz - R | |
| 1+2 | Horizontal | Fundamental |
| Peak | <p>Date: 2019-10-17</p> <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 115</p> | Left blank |
| Avg. | <p>Date: 2019-10-17</p> <p>Site : 03CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 115</p> | Left blank |



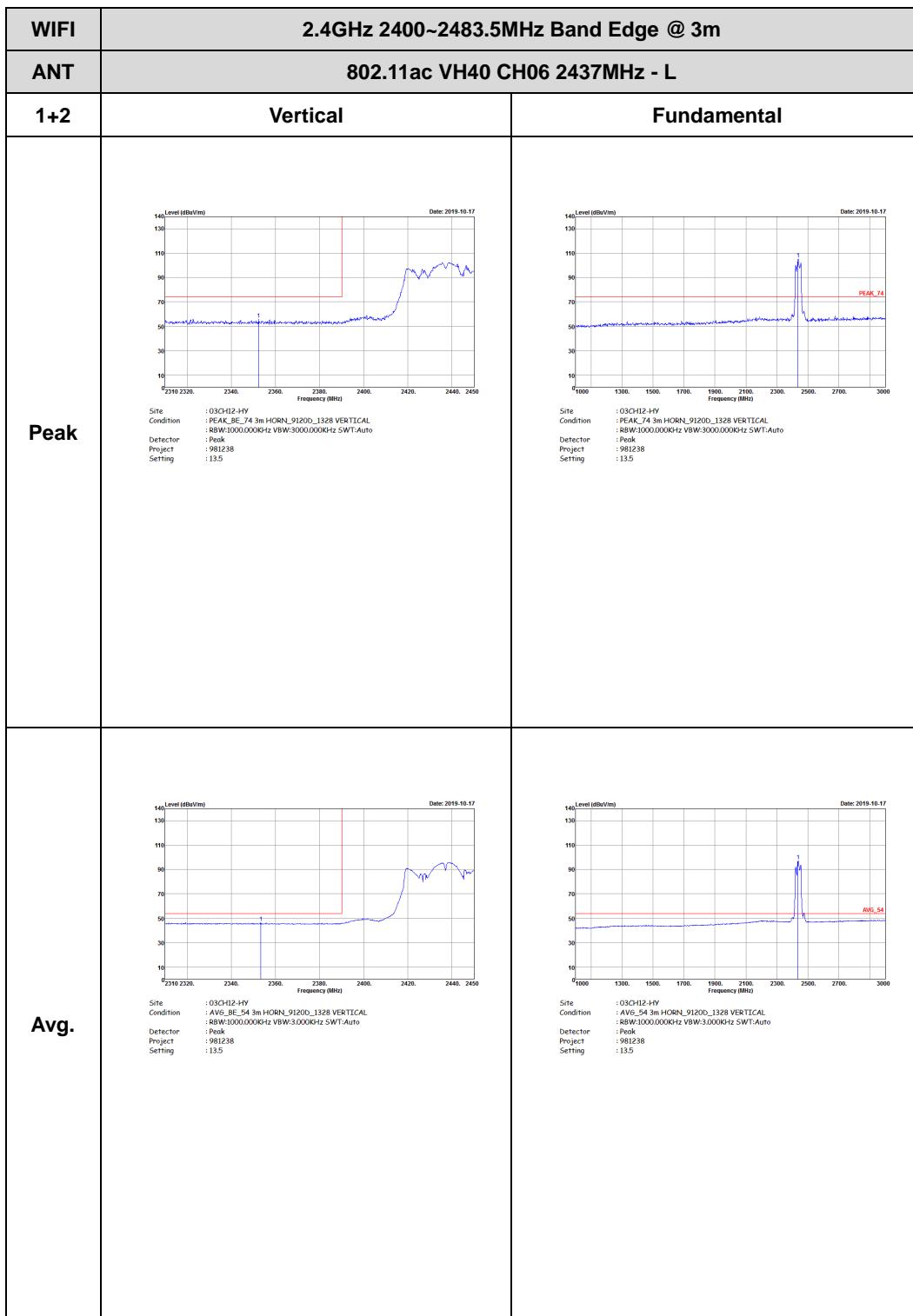


| | | |
|------|--|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH03 2422MHz - R | |
| 1+2 | Vertical | Fundamental |
| Peak |  <p>Date: 2019-10-17</p> <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 11.5</p> | Left blank |
| Avg. |  <p>Date: 2019-10-17</p> <p>Site : 03CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 981238 Setting : 11.5</p> | Left blank |



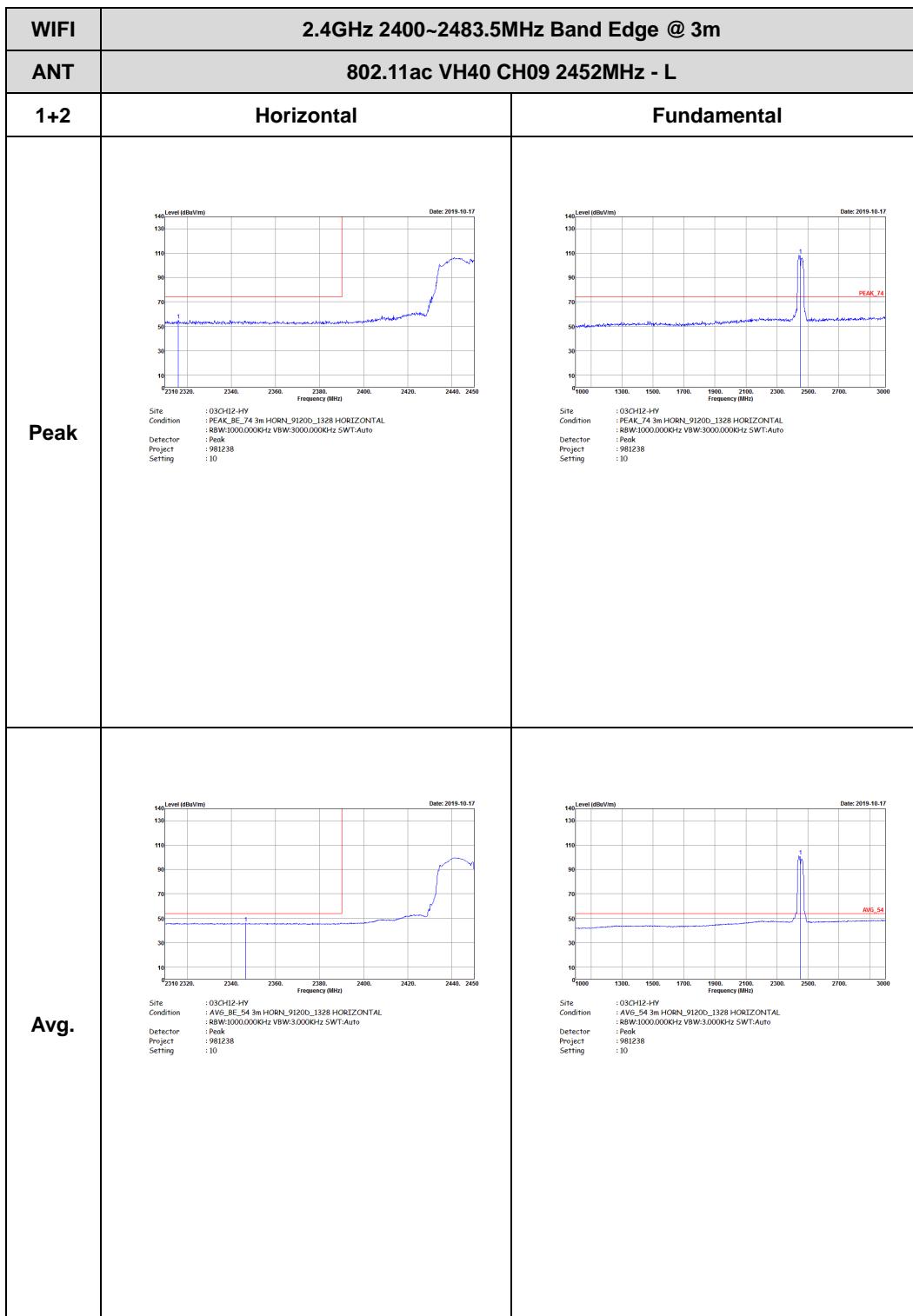


| | | |
|------|---|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH06 2437MHz - R | |
| 1+2 | Horizontal | Fundamental |
| Peak | Site : 03CH12-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 13.5 | Left blank |
| Avg. | Site : 03CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 981238 Setting : 13.5 | Left blank |

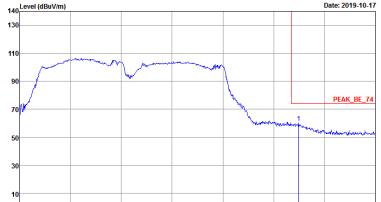
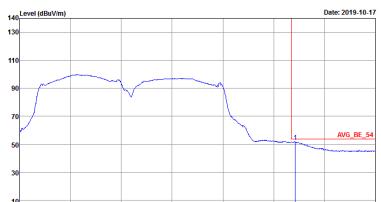


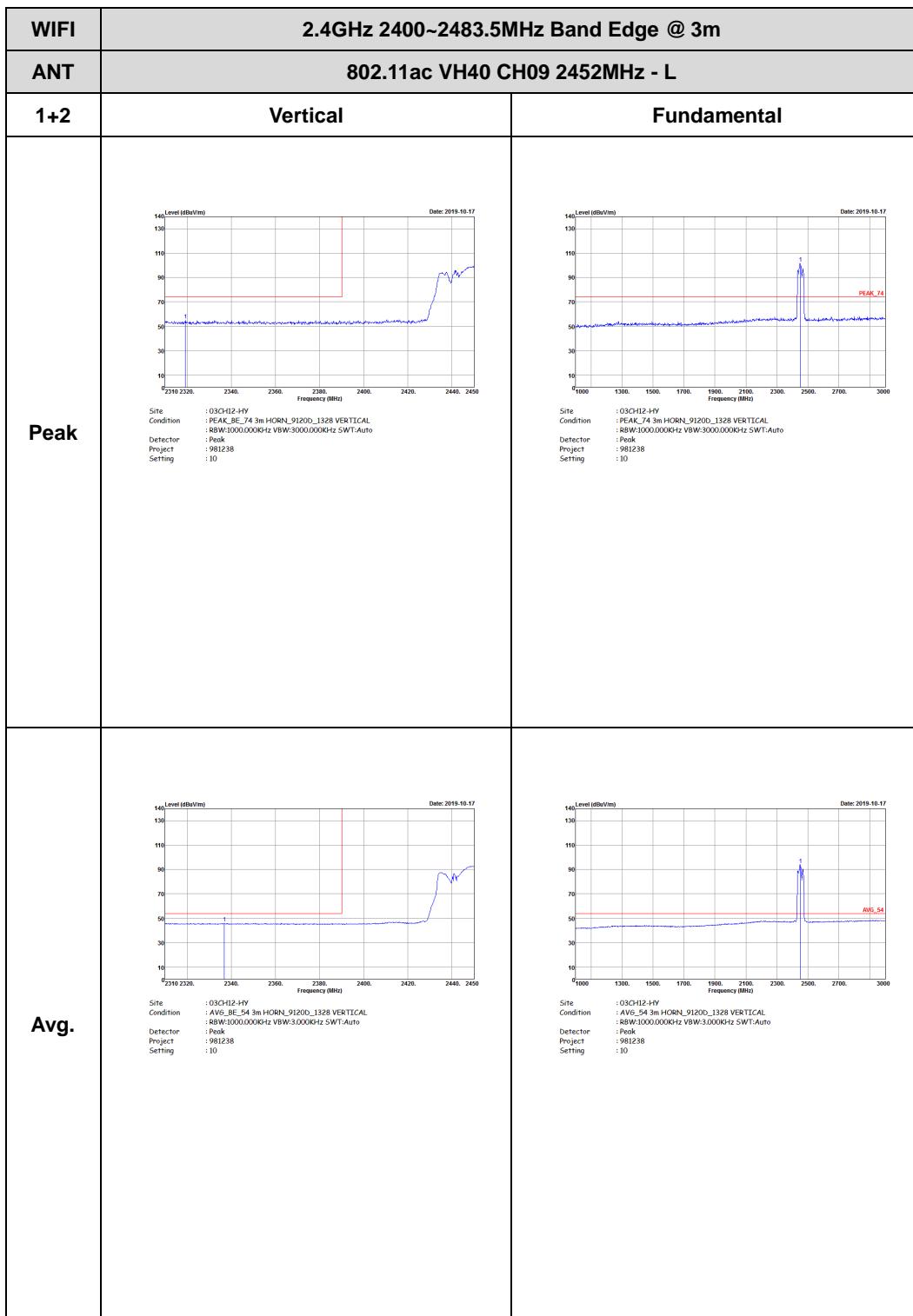


| | | |
|------|--|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH06 2437MHz - R | |
| 1+2 | Vertical | Fundamental |
| Peak | Date: 2019-10-17 Site : 03CH12-HV Condition : PEAK_BE_74 3m HORNL_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 13.5 | Left blank |
| Avg. | Date: 2019-10-17 Site : 03CH12-HV Condition : AVG_BE_54 3m HORNL_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Setting : 981238 Setting : 13.5 | Left blank |

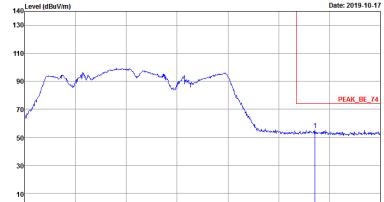
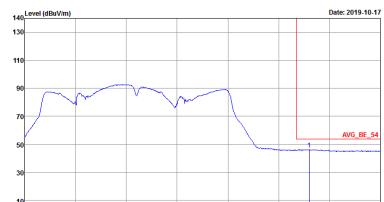




| | | |
|------|--|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH09 2452MHz - R | |
| 1+2 | Horizontal | Fundamental |
| Peak |  <p>Date: 2019-10-17</p> <p>PEAK_BE_74</p> <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 HORIZONTAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 10</p> | Left blank |
| Avg. |  <p>Date: 2019-10-17</p> <p>AVG_BE_54</p> <p>Site : 03CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 HORIZONTAL Detector : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 981238 Setting : 10</p> | Left blank |



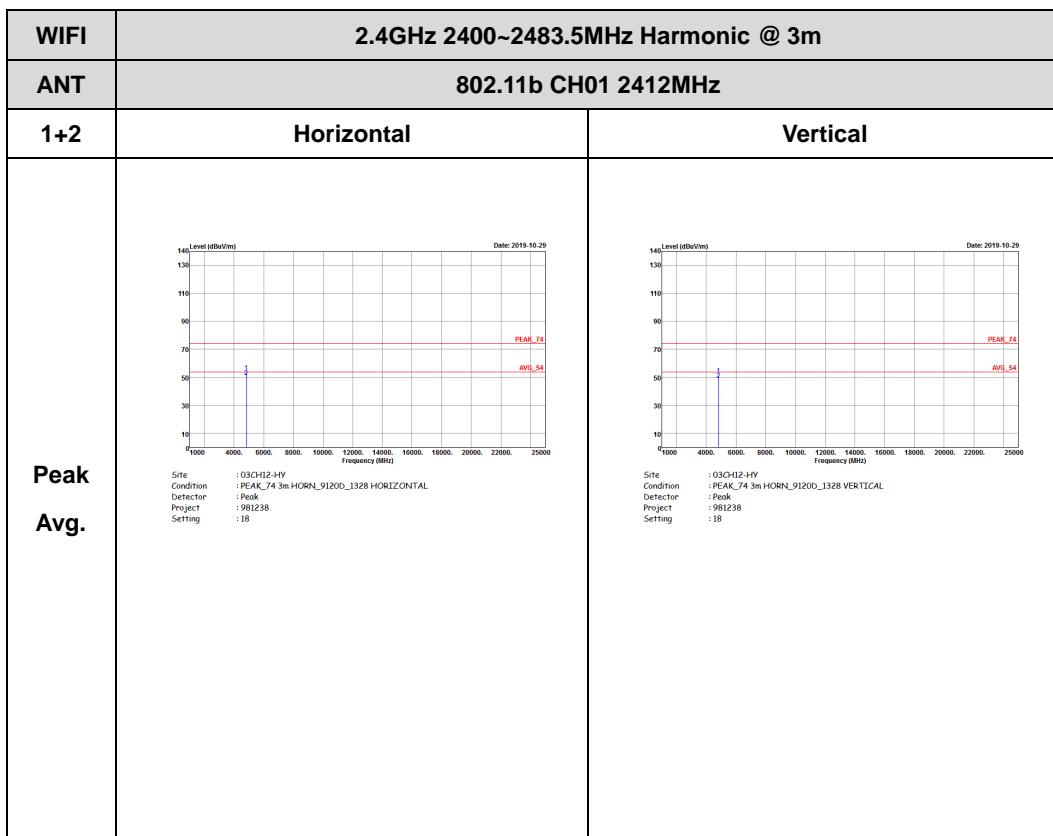


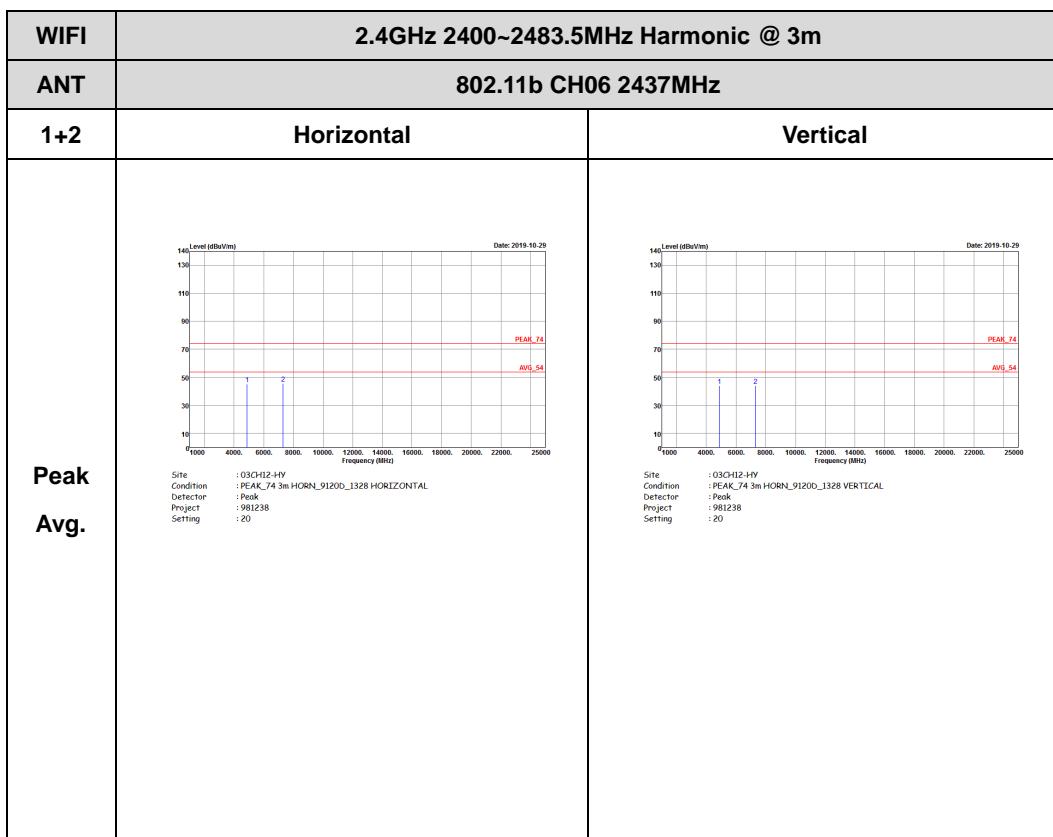
| | | |
|------|--|-------------|
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
| ANT | 802.11ac VH40 CH09 2452MHz - R | |
| 1+2 | Vertical | Fundamental |
| Peak |  <p>Site : 03CH12-HV Condition : PEAK_BE_74 3m HORN_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 981238 Setting : 10</p> | Left blank |
| Avg. |  <p>Site : 03CH12-HV Condition : AVG_BE_54 3m HORN_9120D_1328 VERTICAL Detector : 88W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 981238 Setting : 10</p> | Left blank |

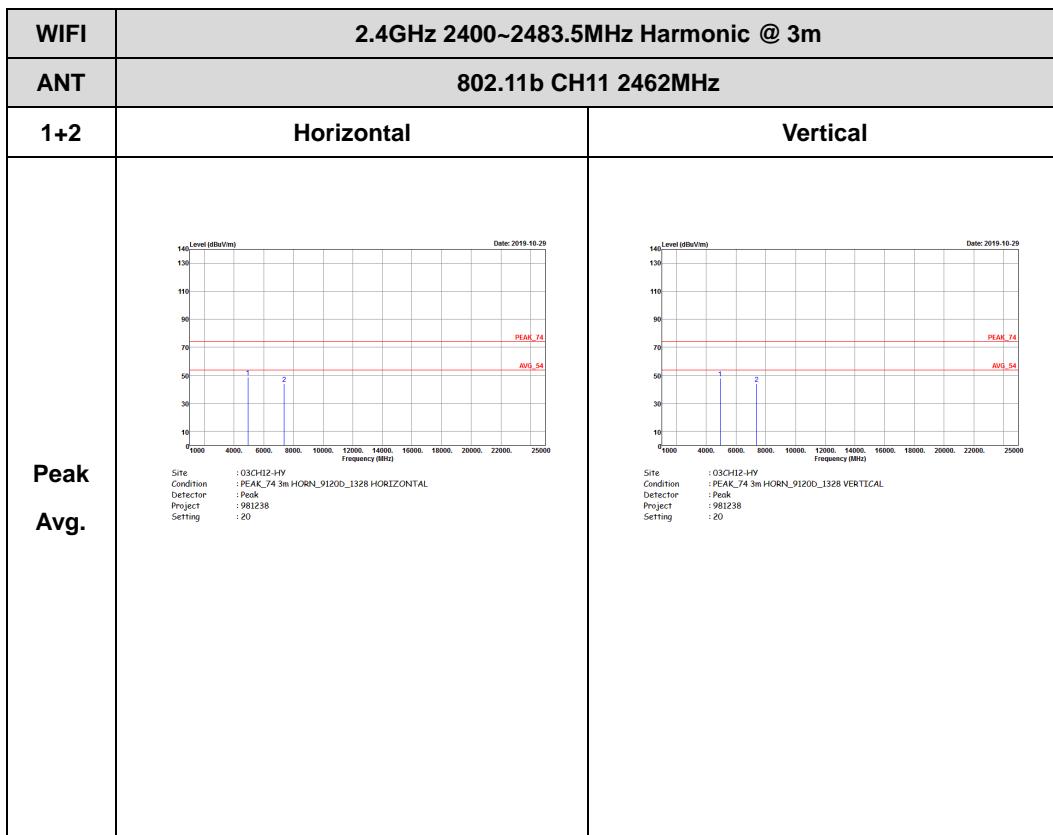


2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)



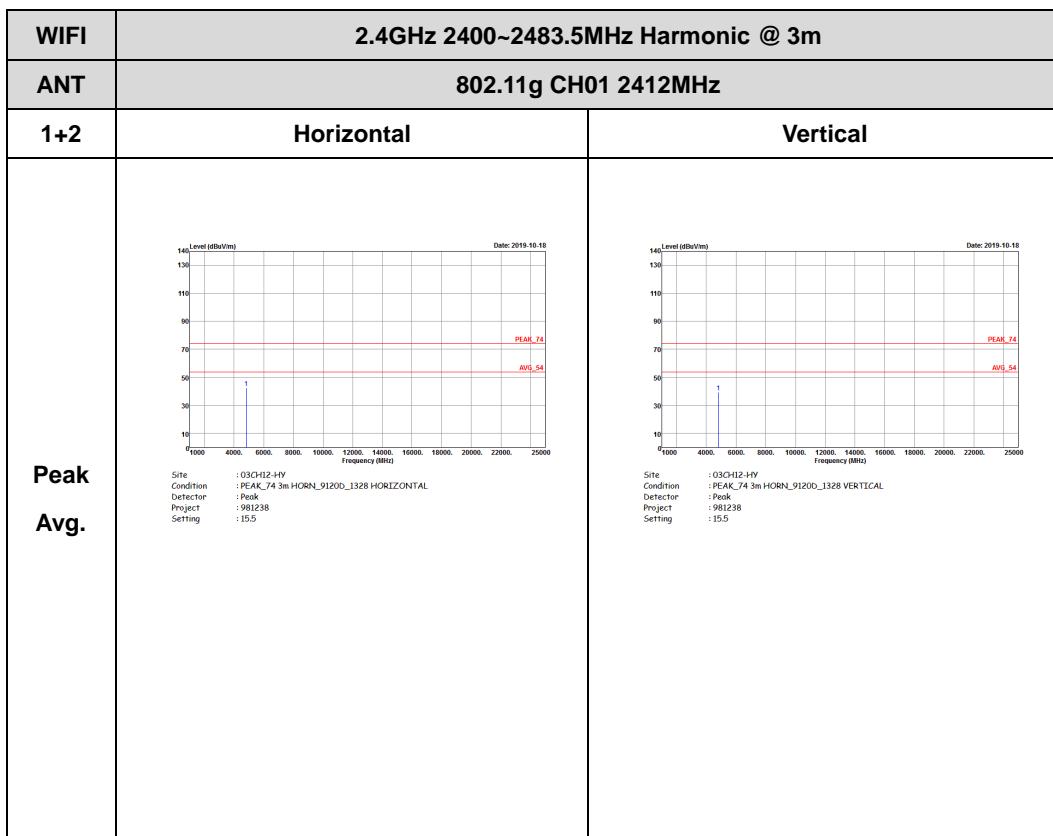


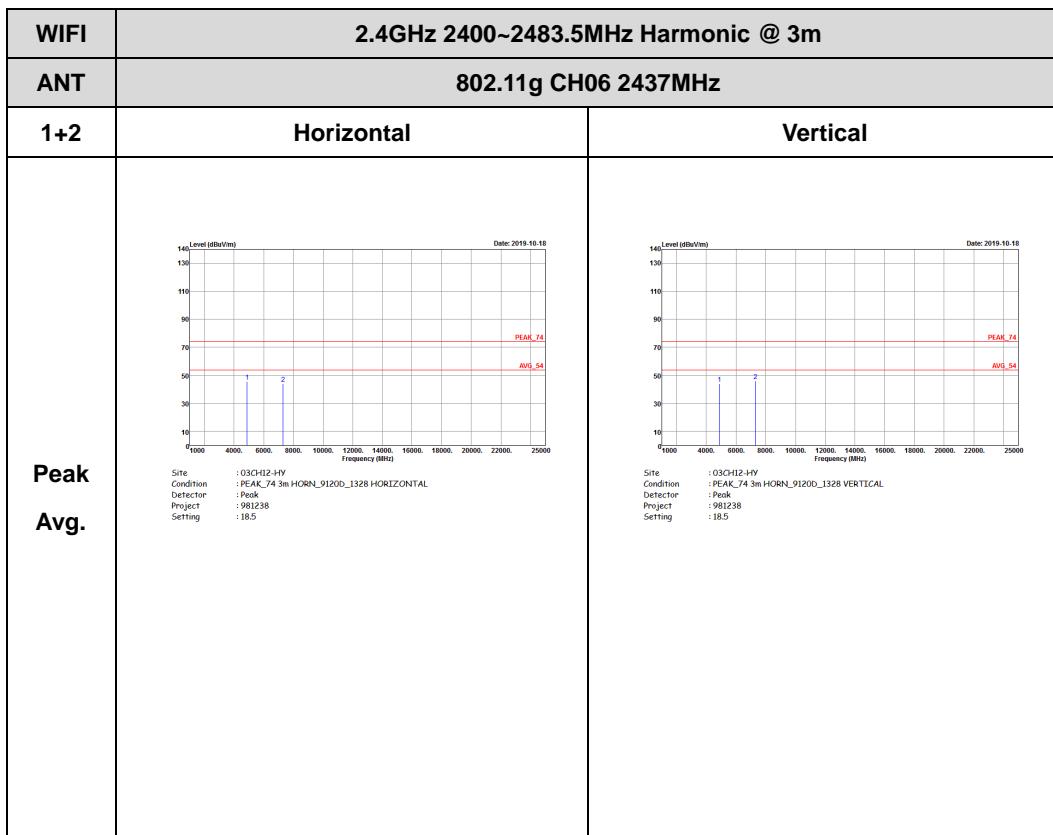


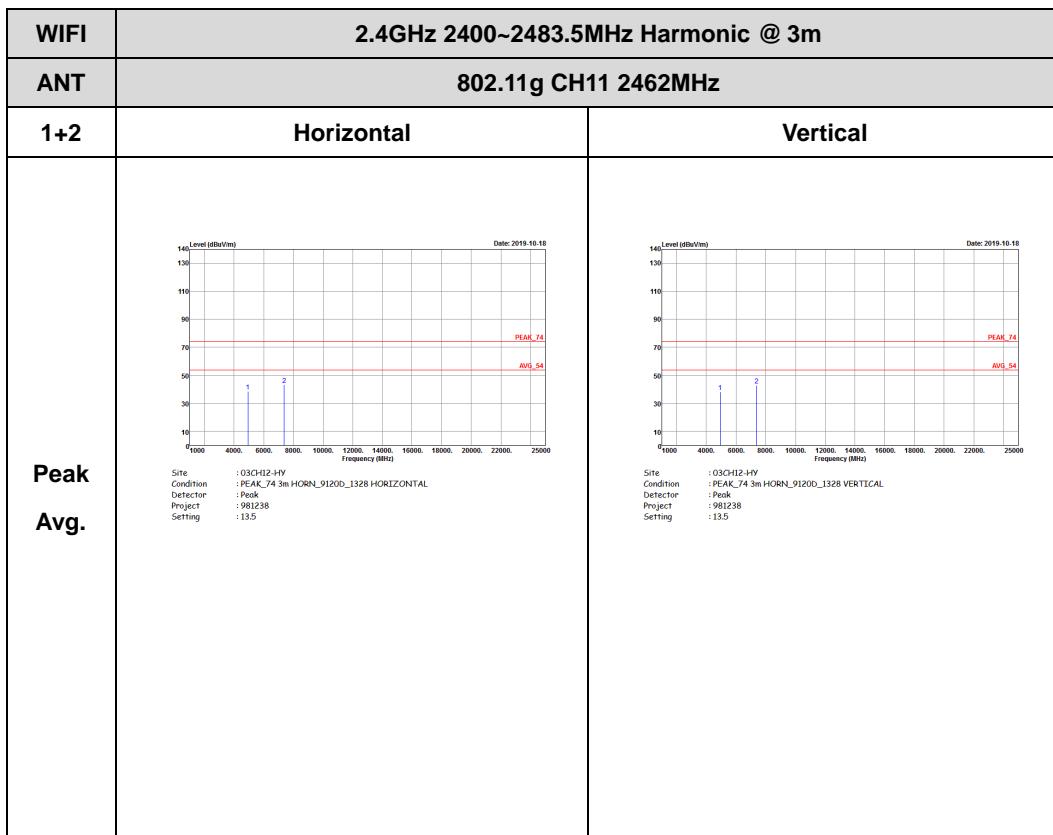


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)



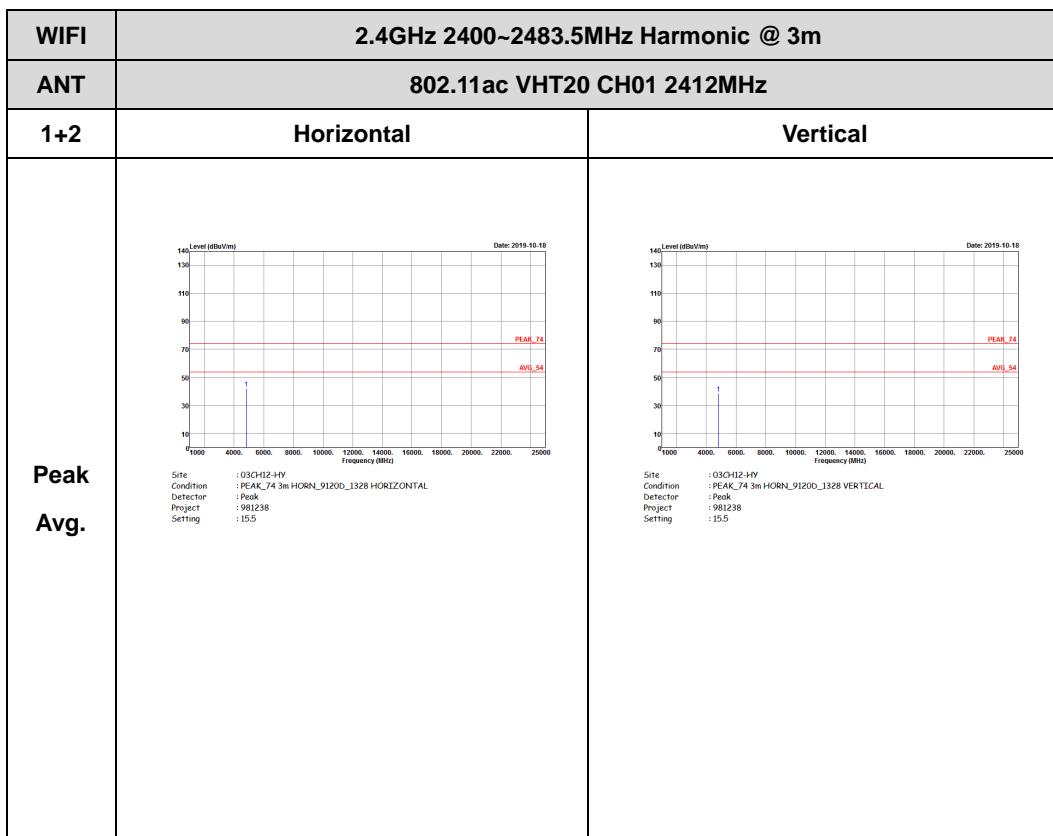


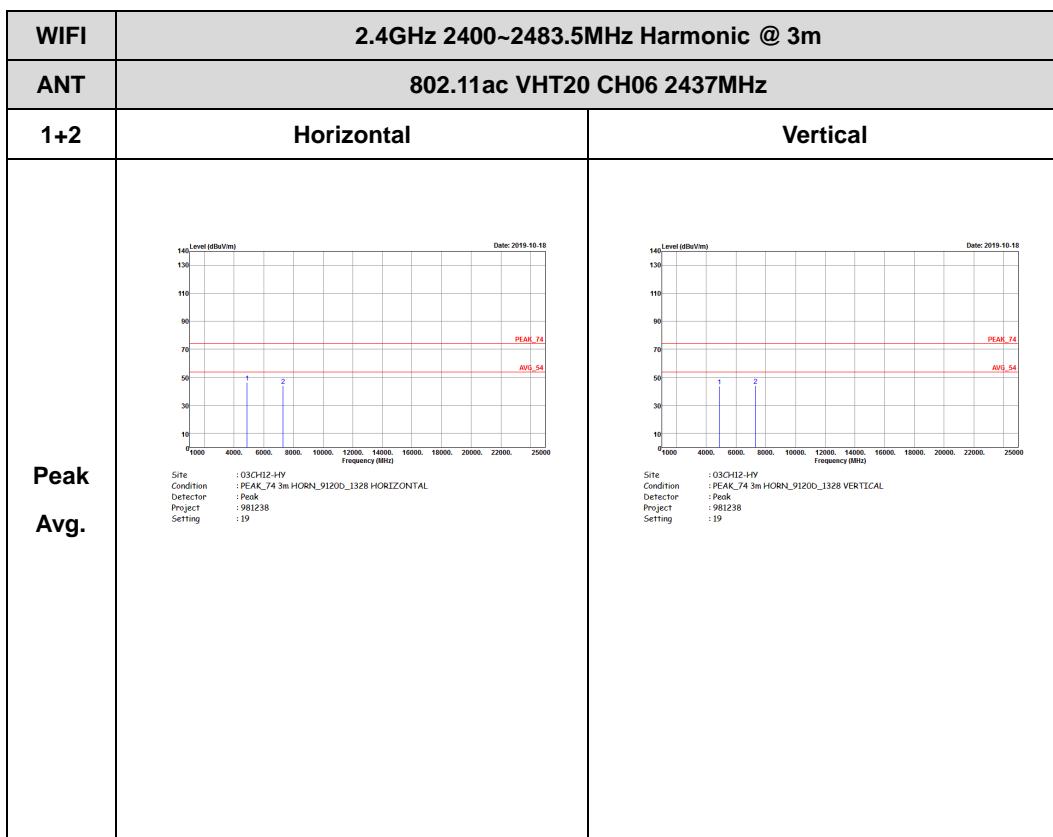


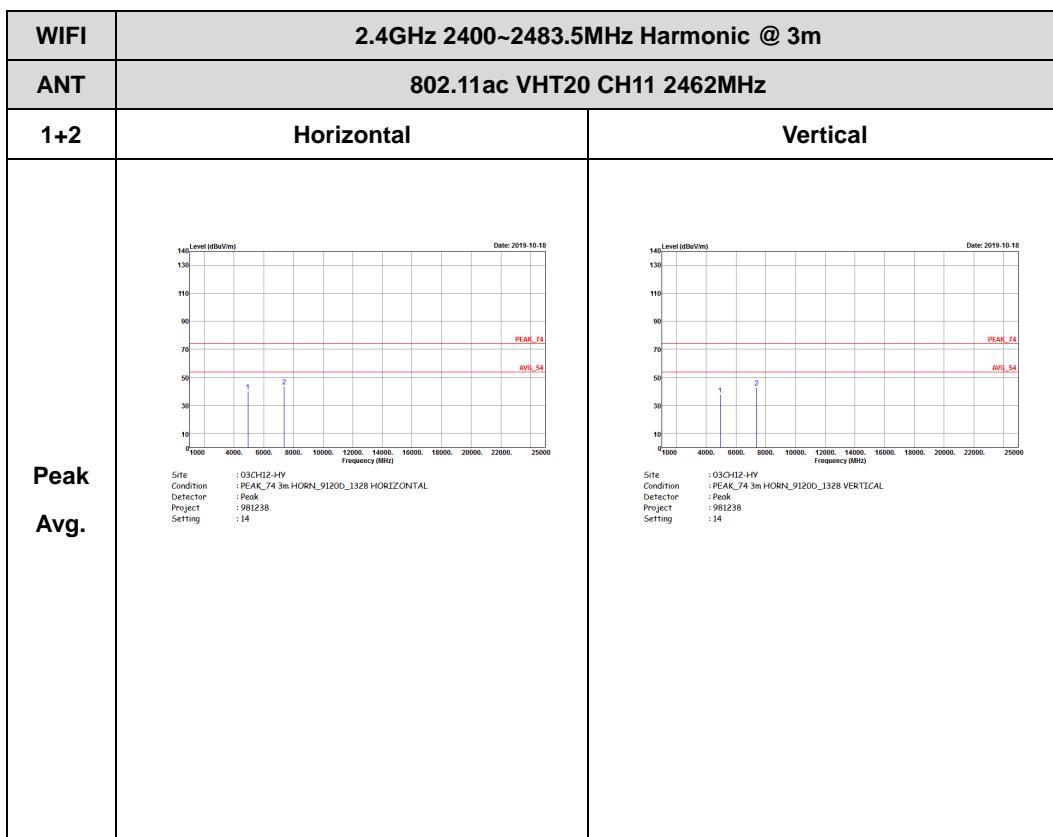


2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)









2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

