



## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dB $\mu$ V/m )	Over Limit ( dB )	Limit Line ( dB $\mu$ V/m )	Read Level ( dB $\mu$ V )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		4844	39.7	-34.3	74	57.92	31.3	8.56	58.08	100	0	P	H
		7266	44.53	-29.47	74	55.42	36.2	11.26	58.35	100	0	P	H
													H
													H
		4844	39.92	-34.08	74	58.14	31.3	8.56	58.08	100	0	P	V
		7266	44.96	-29.04	74	55.85	36.2	11.26	58.35	100	0	P	V
													V
													V
802.11ac VHT40 CH 06 2437MHz		4874	40.29	-33.71	74	58.44	31.3	8.65	58.1	100	0	P	H
		7311	44.07	-29.93	74	54.94	36.2	11.27	58.34	100	0	P	H
													H
													H
		4874	39.25	-34.75	74	57.4	31.3	8.65	58.1	100	0	P	V
		7311	44.42	-29.58	74	55.29	36.2	11.27	58.34	100	0	P	V
													V
													V
802.11ac VHT40 CH 09 2452MHz		4904	39.28	-34.72	74	57.33	31.33	8.74	58.12	100	0	P	H
		7356	43.86	-30.14	74	54.61	36.3	11.28	58.33	100	0	P	H
													H
													H
		4904	39.33	-34.67	74	57.38	31.33	8.74	58.12	100	0	P	V
		7356	44.24	-29.76	74	54.99	36.3	11.28	58.33	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Emission below 1GHz

## 2.4GHz WIFI 802.11ac VHT40 (LF)

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+2		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	(dB $\mu$ V)	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
2.4GHz 802.11ac VHT40 LF		81.57	35.01	-4.99	40	52.88	13.48	1.1	32.54	-	-	P	H
		119.64	39.78	-3.72	43.5	53.46	17.45	1.31	32.51	100	0	P	H
		141.24	37.57	-5.93	43.5	51.1	17.44	1.43	32.5	-	-	P	H
		498.1	37.11	-8.89	46	43.02	23.92	2.63	32.57	-	-	P	H
		568.8	36.87	-9.13	46	40.56	25.91	2.82	32.59	-	-	P	H
		722.1	35.57	-10.43	46	37.41	27.24	3.16	32.36	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
Remark	1.	No other spurious found.											
	2.	All results are PASS against limit line.											



## &lt;TXBF Mode&gt;

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 $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
802.11ac VHT20 CH 01 2412MHz		2390	58.87	-15.13	74	46.34	27.6	15.78	30.85	171	242	P	H
		2390	45.99	-8.01	54	33.46	27.6	15.78	30.85	171	242	A	H
	*	2412	113.17	-	-	100.61	27.6	15.81	30.85	171	242	P	H
	*	2412	107.82	-	-	95.26	27.6	15.81	30.85	171	242	A	H
													H
													H
		2389.8	61.56	-12.44	74	49.04	27.6	15.77	30.85	278	60	P	V
		2390	47.26	-6.74	54	34.73	27.6	15.78	30.85	278	60	A	V
	*	2412	113.71	-	-	101.15	27.6	15.81	30.85	278	60	P	V
	*	2412	105.73	-	-	93.17	27.6	15.81	30.85	278	60	A	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		2389.94	58.85	-15.15	74	46.33	27.6	15.77	30.85	155	238	P	H
		2389.94	43.84	-10.16	54	31.32	27.6	15.77	30.85	155	238	A	H
	*	2437	112.96	-	-	100.36	27.6	15.84	30.84	155	238	P	H
	*	2437	104.33	-	-	91.73	27.6	15.84	30.84	155	238	A	H
		2484.25	61.44	-12.56	74	48.88	27.47	15.91	30.82	155	238	P	H
		2483.55	43.87	-10.13	54	31.31	27.47	15.91	30.82	155	238	A	H
		2389.8	59.36	-14.64	74	46.84	27.6	15.77	30.85	298	63	P	V
		2389.94	44.09	-9.91	54	31.57	27.6	15.77	30.85	298	63	A	V
	*	2437	115.78	-	-	103.18	27.6	15.84	30.84	298	63	P	V
	*	2437	107.37	-	-	94.77	27.6	15.84	30.84	298	63	A	V
		2484.74	65.29	-8.71	74	52.73	27.47	15.91	30.82	298	63	P	V
		2483.5	45.1	-8.9	54	32.54	27.47	15.91	30.82	298	63	A	V



## FCC RADIO TEST REPORT

Report No. : FR911104C

802.11ac VHT20 CH 11 2462MHz	*	2462	111.09	-	-	98.51	27.53	15.88	30.83	255	239	P	H
	*	2462	101.3	-	-	88.72	27.53	15.88	30.83	255	239	A	H
		2485.72	64.12	-9.88	74	51.56	27.47	15.91	30.82	255	239	P	H
		2483.52	47.38	-6.62	54	34.82	27.47	15.91	30.82	255	239	A	H
													H
													H
	*	2462	114.74	-	-	102.16	27.53	15.88	30.83	302	59	P	V
	*	2462	106.6	-	-	94.02	27.53	15.88	30.83	302	59	A	V
		2484	65.61	-8.39	74	53.05	27.47	15.91	30.82	302	59	P	V
		2483.56	50.43	-3.57	54	37.87	27.47	15.91	30.82	302	59	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 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dB $\mu$ V/m )	Over Limit ( dB )	Limit Line ( dB $\mu$ V/m )	Read Level ( dB $\mu$ V )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 01 2412MHz		4824	40.25	-33.75	74	58.51	31.3	8.5	58.06	100	0	P	H
													H
													H
													H
		4824	40.12	-33.88	74	58.38	31.3	8.5	58.06	100	0	P	V
													V
													V
													V
802.11ac VHT20 CH 06 2437MHz		4874	39.79	-34.21	74	57.94	31.3	8.65	58.1	100	0	P	H
		7311	44.91	-29.09	74	55.78	36.2	11.27	58.34	100	0	P	H
													H
													H
		4874	44.06	-29.94	74	62.21	31.3	8.65	58.1	100	0	P	V
		7311	43.68	-30.32	74	54.55	36.2	11.27	58.34	100	0	P	V
													V
													V
802.11ac VHT20 CH 11 2462MHz		4924	41.87	-32.13	74	59.84	31.37	8.8	58.14	100	0	P	H
		7386	44.83	-29.17	74	55.37	36.5	11.28	58.32	100	0	P	H
													H
													H
		4924	46.91	-27.09	74	64.88	31.37	8.8	58.14	100	0	P	V
		7386	43.7	-30.3	74	54.24	36.5	11.28	58.32	100	0	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 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dB $\mu$ V/m )	Over Limit ( dB )	Limit Line ( dB $\mu$ V/m )	Read Level ( dB $\mu$ V )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		2389.94	55.71	-18.29	74	43.19	27.6	15.77	30.85	171	243	P	H
		2389.94	46.65	-7.35	54	34.13	27.6	15.77	30.85	171	243	A	H
	*	2422	105.45	-	-	92.87	27.6	15.82	30.84	171	243	P	H
	*	2422	98.33	-	-	85.75	27.6	15.82	30.84	171	243	A	H
		2485.86	53.15	-20.85	74	40.59	27.47	15.91	30.82	171	243	P	H
		2484.25	42.95	-11.05	54	30.39	27.47	15.91	30.82	171	243	A	H
		2389.94	57.41	-16.59	74	44.89	27.6	15.77	30.85	279	65	P	V
		2389.94	47.37	-6.63	54	34.85	27.6	15.77	30.85	279	65	A	V
	*	2422	107.99	-	-	95.41	27.6	15.82	30.84	279	65	P	V
	*	2422	99.93	-	-	87.35	27.6	15.82	30.84	279	65	A	V
802.11ac VHT40 CH 06 2437MHz		2485.3	55.68	-18.32	74	43.12	27.47	15.91	30.82	279	65	P	V
		2483.9	43.68	-10.32	54	31.12	27.47	15.91	30.82	279	65	A	V
		2389.24	58.02	-15.98	74	45.51	27.6	15.77	30.86	183	246	P	H
		2389.94	48.46	-5.54	54	35.94	27.6	15.77	30.85	183	246	A	H
	*	2437	109.64	-	-	97.04	27.6	15.84	30.84	183	246	P	H
	*	2437	101.34	-	-	88.74	27.6	15.84	30.84	183	246	A	H
		2484.04	58.68	-15.32	74	46.12	27.47	15.91	30.82	183	246	P	H
		2483.83	49.21	-4.79	54	36.65	27.47	15.91	30.82	183	246	A	H
		2389.94	57.75	-16.25	74	45.23	27.6	15.77	30.85	281	65	P	V
		2389.94	48.73	-5.27	54	36.21	27.6	15.77	30.85	281	65	A	V
802.11ac VHT40 CH 06 2437MHz	*	2437	110.86	-	-	98.26	27.6	15.84	30.84	281	65	P	V
	*	2437	103.13	-	-	90.53	27.6	15.84	30.84	281	65	A	V
		2484.11	62.37	-11.63	74	49.81	27.47	15.91	30.82	281	65	P	V
		2483.62	51.44	-2.56	54	38.88	27.47	15.91	30.82	281	65	A	V



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	2327.5	53.51	-20.49	74	40.95	27.77	15.68	30.89	176	246	P	H	
	2389.94	43.46	-10.54	54	30.94	27.6	15.77	30.85	176	246	A	H	
	*	2452	107.05	-	-	94.42	27.6	15.86	30.83	176	246	P	H
	*	2452	98.37	-	-	85.74	27.6	15.86	30.83	176	246	A	H
802.11ac		2484.39	65.66	-8.34	74	53.1	27.47	15.91	30.82	176	246	P	H
VHT40		2483.55	47.59	-6.41	54	35.03	27.47	15.91	30.82	176	246	A	H
CH 09		2349.9	54.72	-19.28	74	42.19	27.7	15.71	30.88	269	62	P	V
2452MHz		2389.94	43.7	-10.3	54	31.18	27.6	15.77	30.85	269	62	A	V
	*	2452	108.98	-	-	96.35	27.6	15.86	30.83	269	62	P	V
	*	2452	100.1	-	-	87.47	27.6	15.86	30.83	269	62	A	V
		2488.31	64.18	-9.82	74	51.69	27.4	15.91	30.82	269	62	P	V
		2483.5	49.86	-4.14	54	37.3	27.47	15.91	30.82	269	62	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 $\mu$ V/m )	Over Limit ( dB )	Limit Line ( dB $\mu$ V/m )	Read Level ( dB $\mu$ V )	Antenna Factor ( dB/m )	Path Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		4844	39.09	-34.91	74	57.31	31.3	8.56	58.08	100	0	P	H
		7266	44.6	-29.4	74	55.49	36.2	11.26	58.35	100	0	P	H
													H
													H
		4844	39.77	-34.23	74	57.99	31.3	8.56	58.08	100	0	P	V
		7266	44.78	-29.22	74	55.67	36.2	11.26	58.35	100	0	P	V
													V
802.11ac VHT40 CH 06 2437MHz		4874	39.53	-34.47	74	57.68	31.3	8.65	58.1	100	0	P	H
		7311	45.66	-28.34	74	56.53	36.2	11.27	58.34	100	0	P	H
													H
													H
		4874	38.97	-35.03	74	57.12	31.3	8.65	58.1	100	0	P	V
		7311	44.78	-29.22	74	55.65	36.2	11.27	58.34	100	0	P	V
													V
802.11ac VHT40 CH 09 2452MHz		4904	40.69	-33.31	74	58.74	31.33	8.74	58.12	100	0	P	H
		7356	44.87	-29.13	74	55.62	36.3	11.28	58.33	100	0	P	H
													H
													H
		4904	40.18	-33.82	74	58.23	31.33	8.74	58.12	100	0	P	V
		7356	44.59	-29.41	74	55.34	36.3	11.28	58.33	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



## Emission below 1GHz

## 2.4GHz WIFI 802.11ac VHT40 (LF)

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+2		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	(dB $\mu$ V)	( dB/m )	( dB )	( dB )	( cm )	( deg )	(P/A)	(H/V)
2.4GHz 802.11ac VHT40 LF		60.24	33.44	-6.56	40	53.16	11.87	0.93	32.57	-	-	P	H
		85.35	36.76	-3.24	40	54.1	13.96	1.13	32.53	100	0	P	H
		120.45	38.11	-5.39	43.5	51.72	17.53	1.31	32.51	-	-	P	H
		374.9	28.13	-17.87	46	37.27	21.01	2.31	32.55	-	-	P	H
		717.9	39.55	-6.45	46	41.6	27.04	3.15	32.36	-	-	P	H
		947.5	32.86	-13.14	46	29.55	30.68	3.63	31.25	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
Remark	1.	No other spurious found.											
	2.	All results are PASS against limit line.											

**Note symbol**

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



**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 $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ 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 $\mu$ V/m) =

Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dB $\mu$ V) - Preamp Factor(dB)

3. Over Limit(dB) = Level(dB $\mu$ V/m) – Limit Line(dB $\mu$ V/m)

#### For Peak Limit @ 2390MHz:

1. Level(dB $\mu$ V/m)

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

= 32.22(dB/m) + 4.58(dB) + 54.51(dB $\mu$ V) – 35.86 (dB)

= 55.45 (dB $\mu$ V/m)

2. Over Limit(dB)

= Level(dB $\mu$ V/m) – Limit Line(dB $\mu$ V/m)

= 55.45(dB $\mu$ V/m) – 74(dB $\mu$ V/m)

= -18.55(dB)

#### For Average Limit @ 2390MHz:

1. Level(dB $\mu$ V/m)

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

= 32.22(dB/m) + 4.58(dB) + 42.6(dB $\mu$ V) – 35.86 (dB)

= 43.54 (dB $\mu$ V/m)

2. Over Limit(dB)

= Level(dB $\mu$ V/m) – Limit Line(dB $\mu$ V/m)

= 43.54(dB $\mu$ V/m) – 54(dB $\mu$ 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

<b>Test Engineer :</b>	Watt Tseng, Karl Hou, and BigShow Wang	<b>Temperature :</b>	23~26°C
		<b>Relative Humidity :</b>	50~57%

### Note symbol

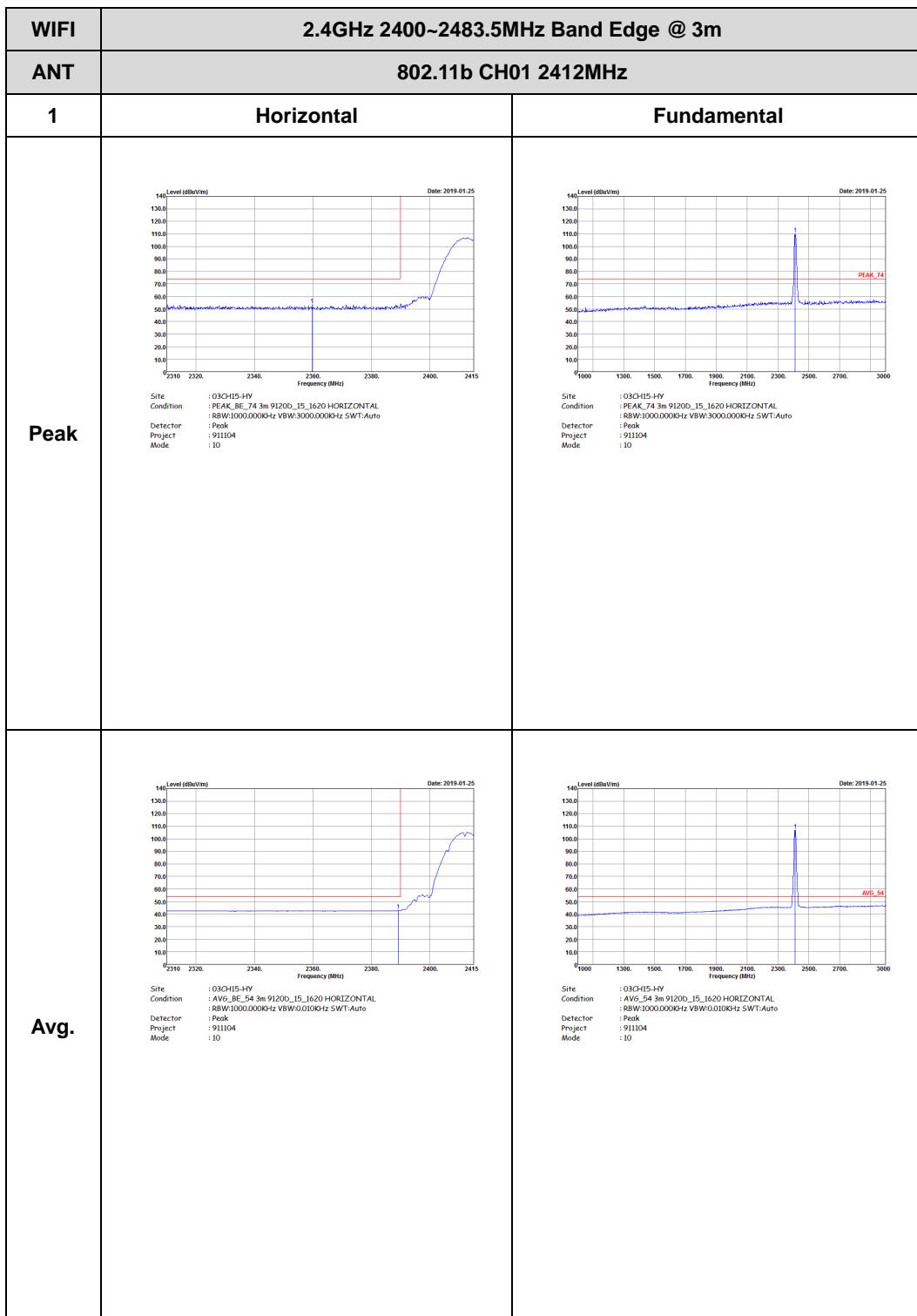
-L	<b>Low channel location</b>
-R	<b>High channel location</b>

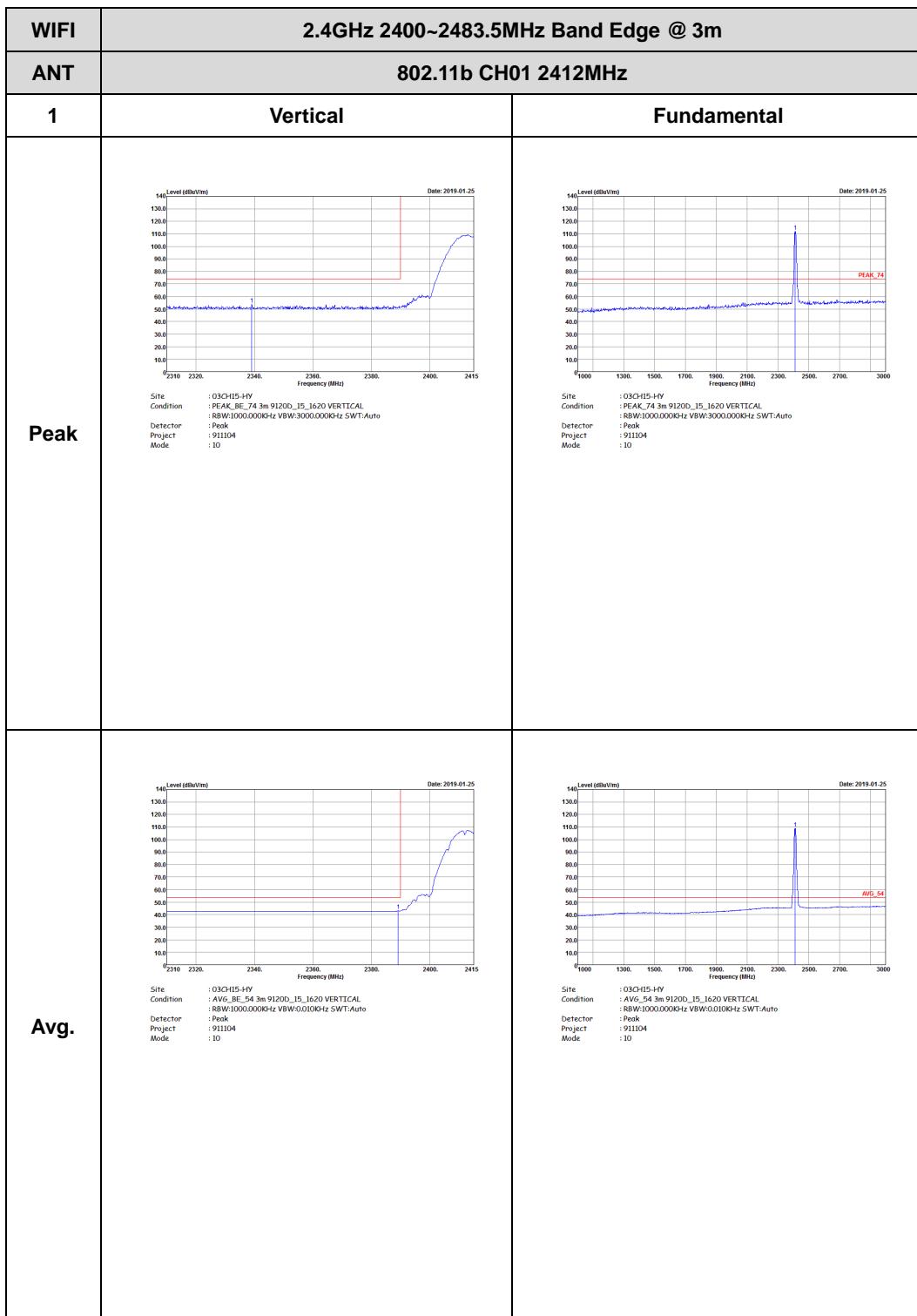


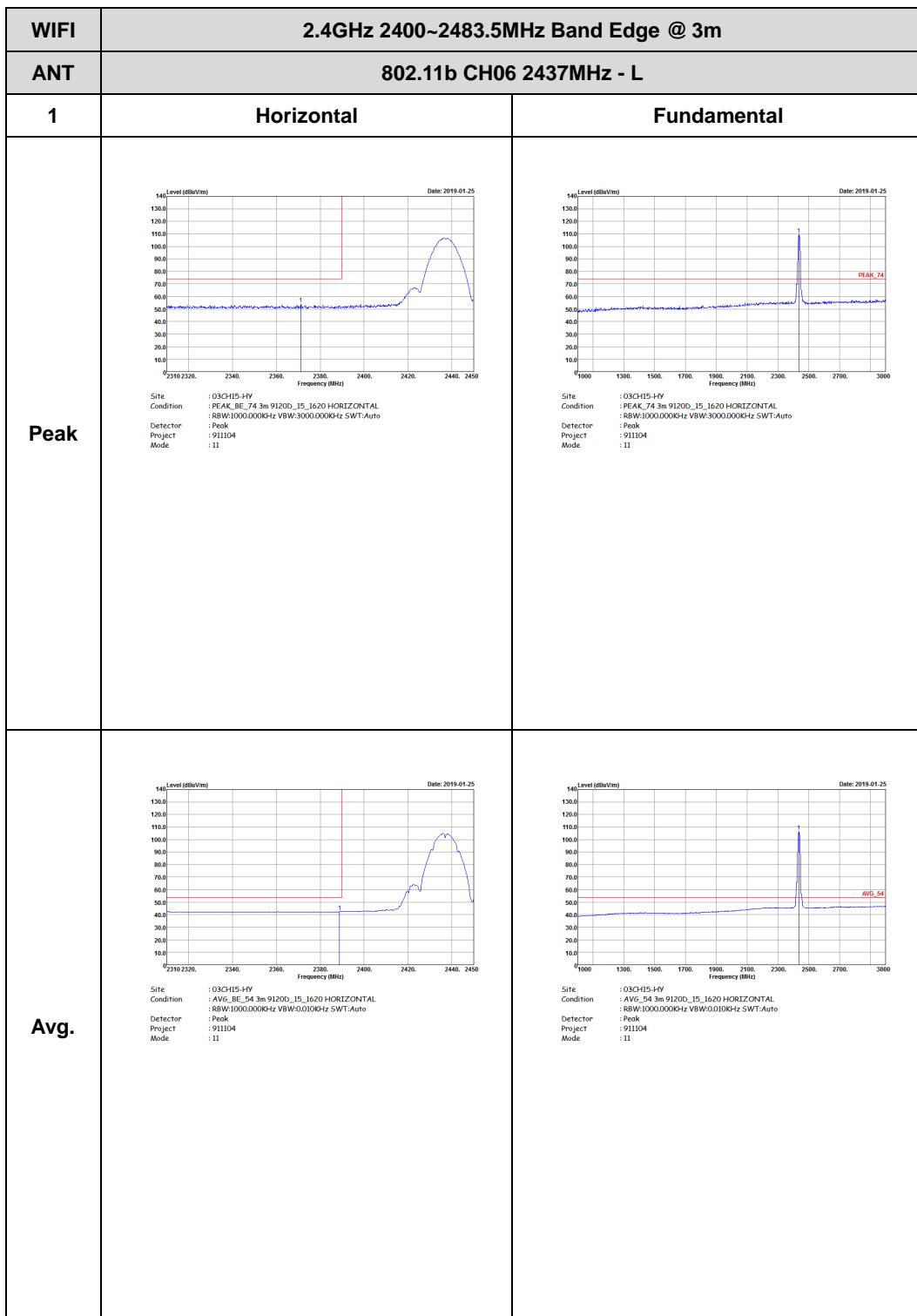
## &lt;CDD Mode&gt;

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

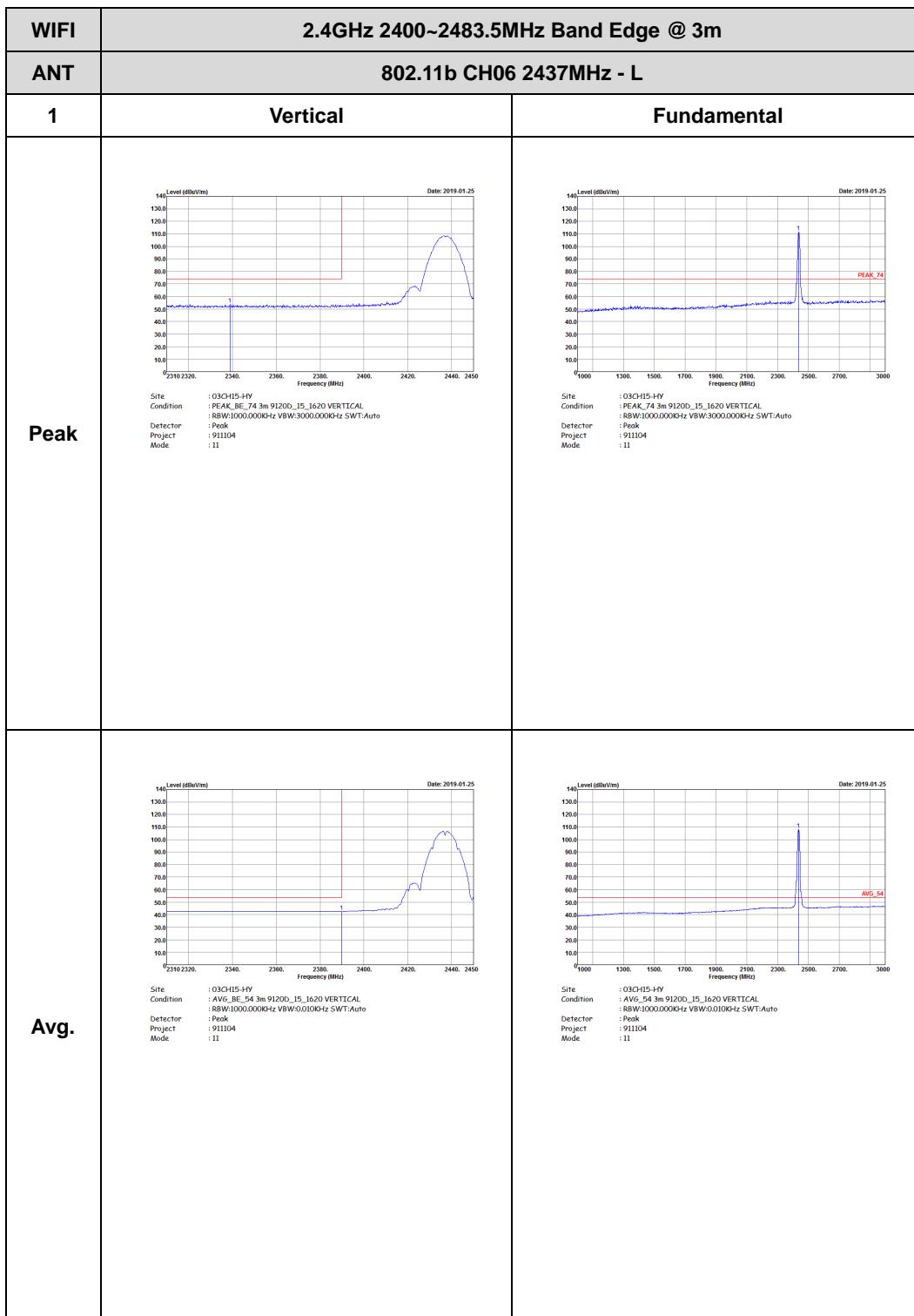






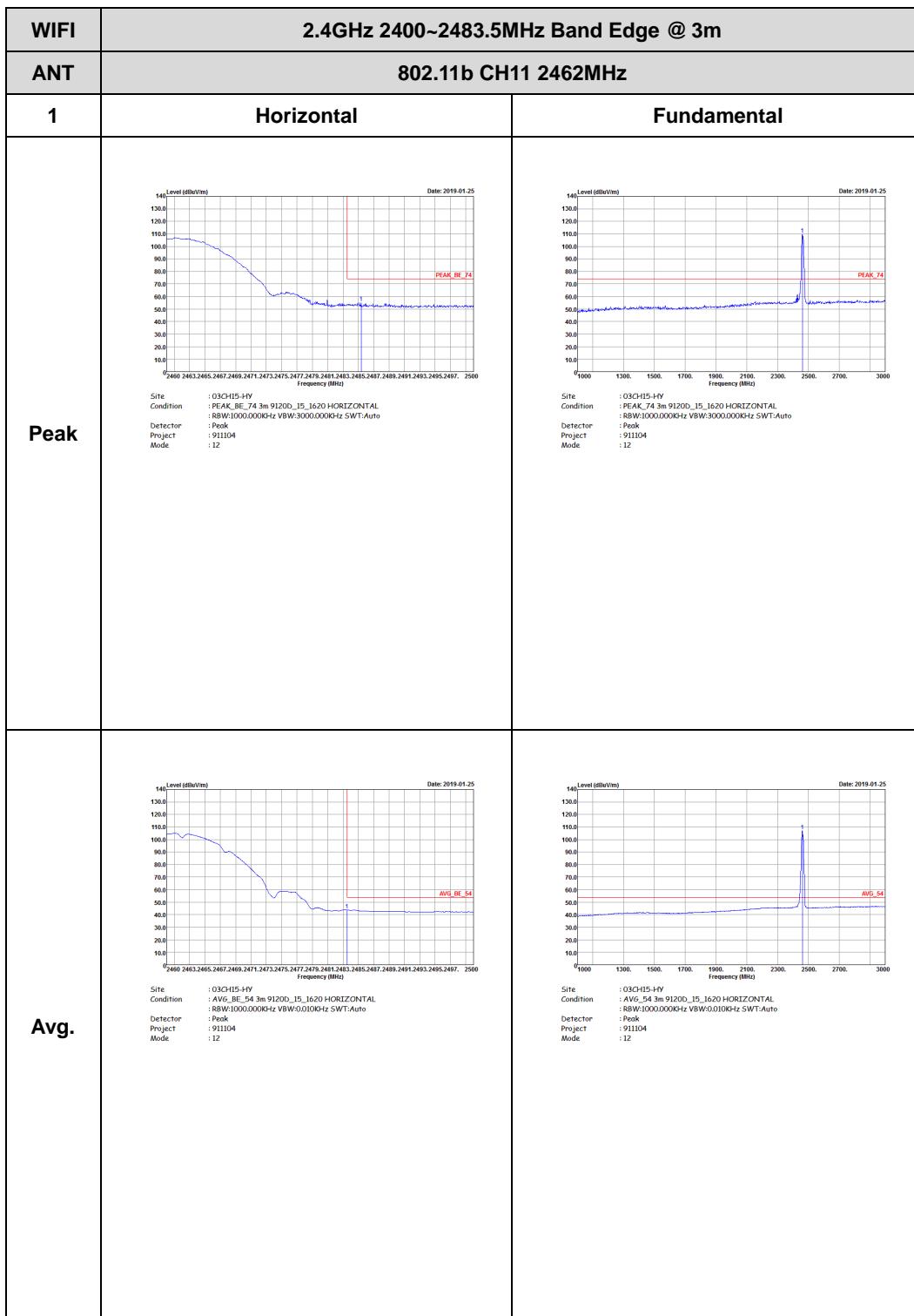


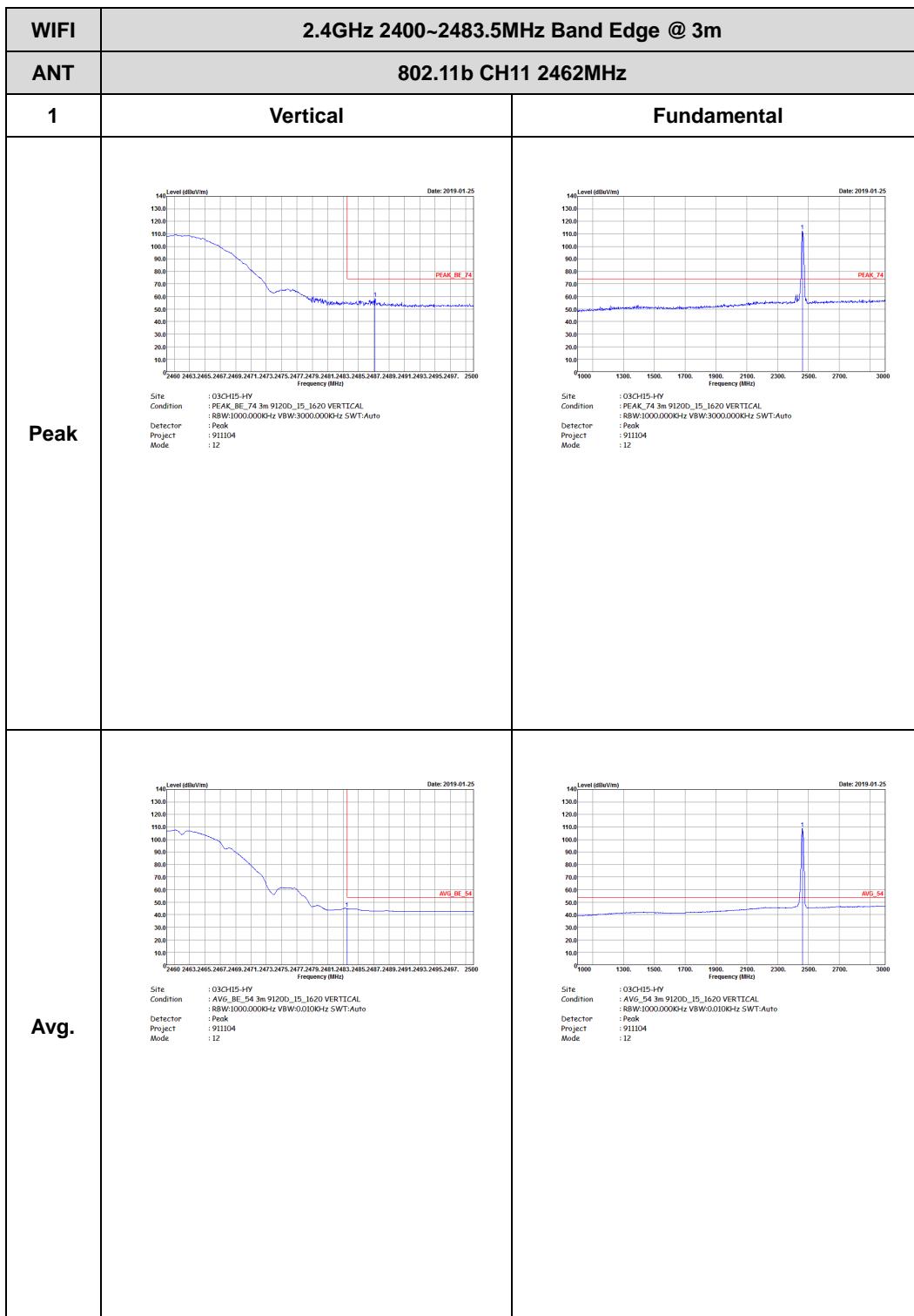
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 11</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911104 Mode : 11</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 11</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911104 Mode : 11</p>	Left blank

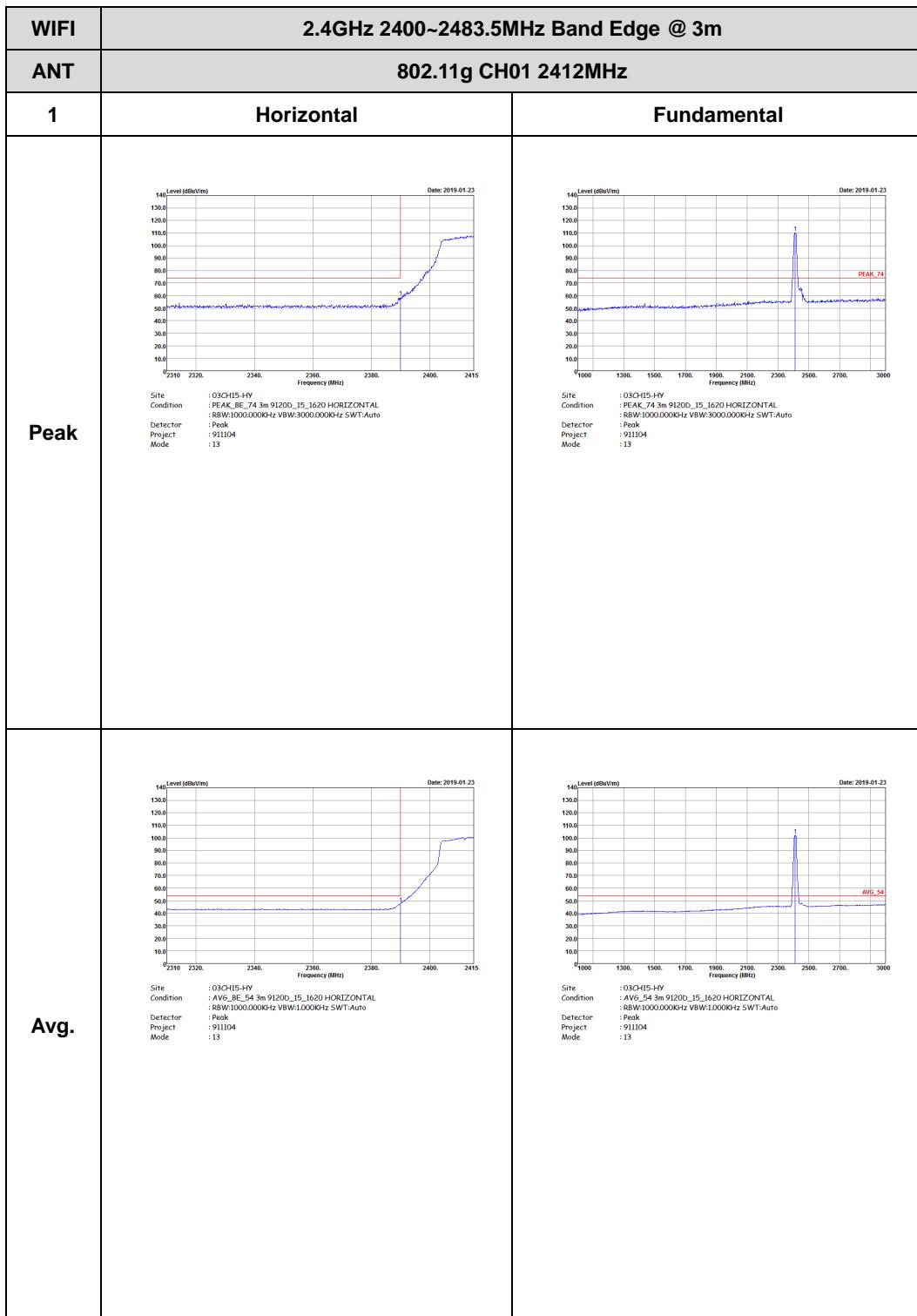


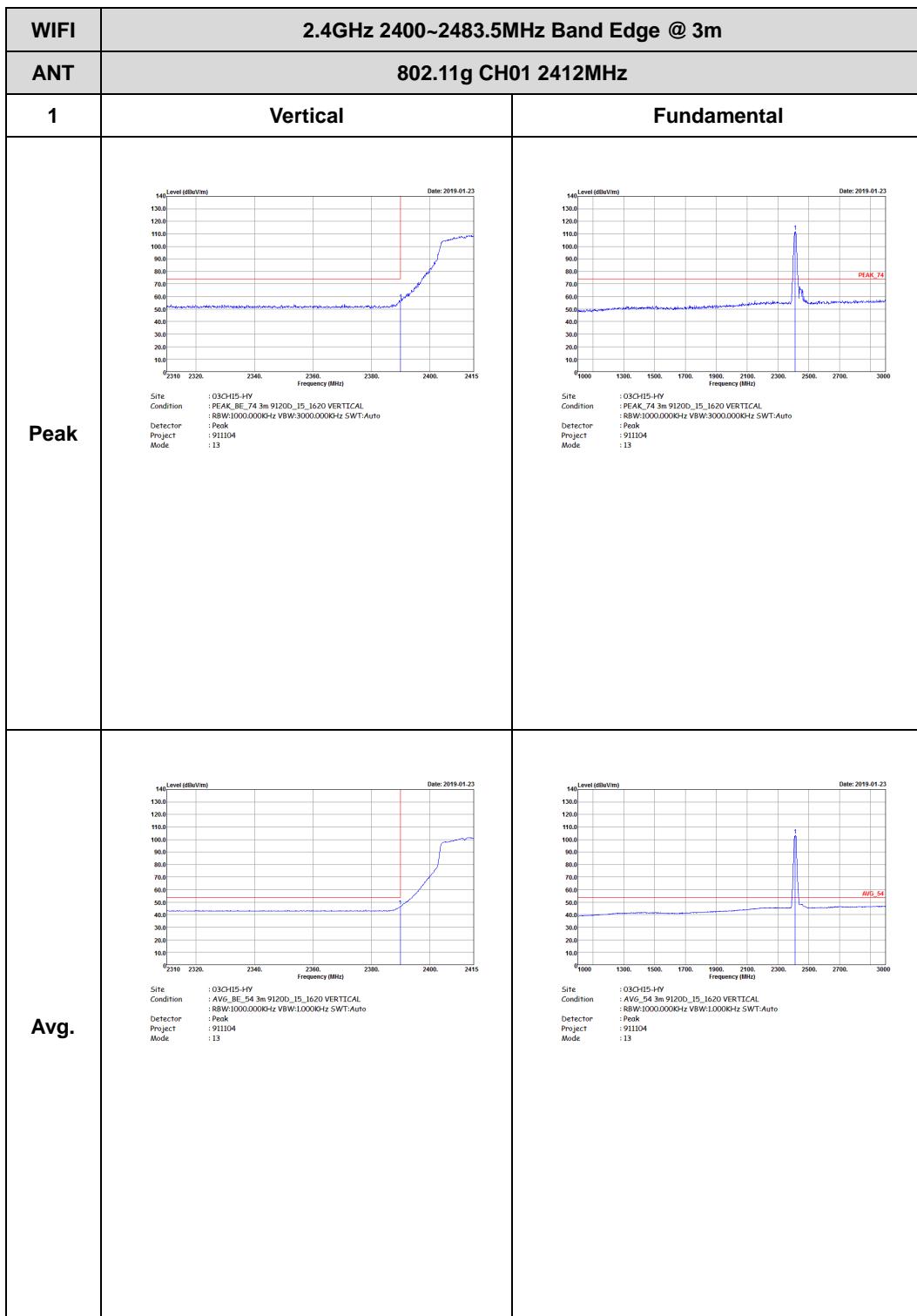


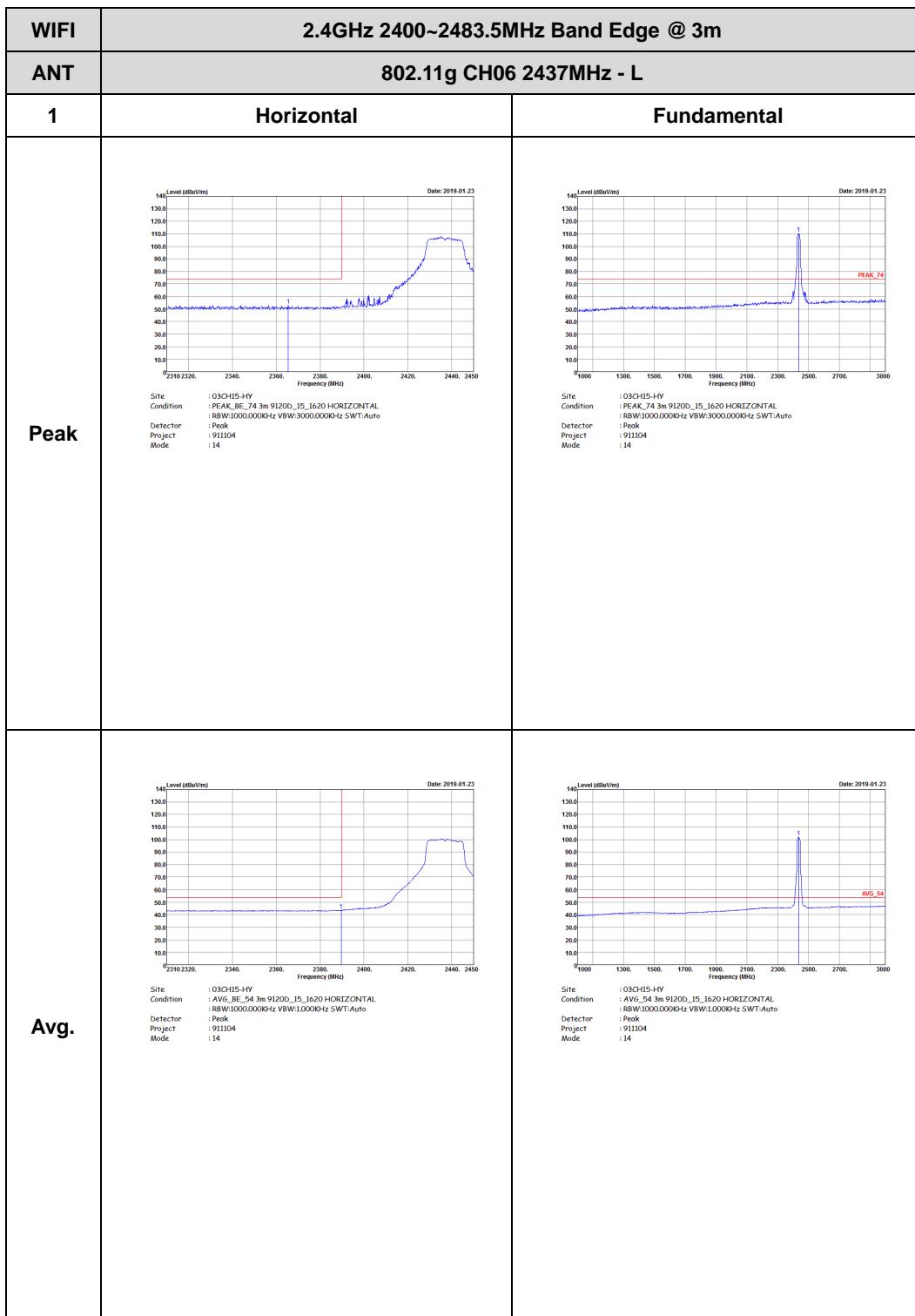


## 2.4GHz 2400~2483.5MHz

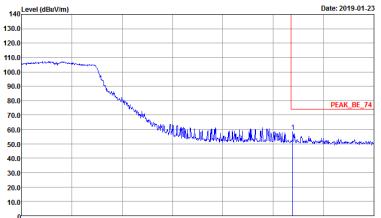
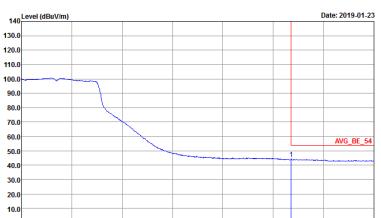
## WIFI 802.11g (Band Edge @ 3m)

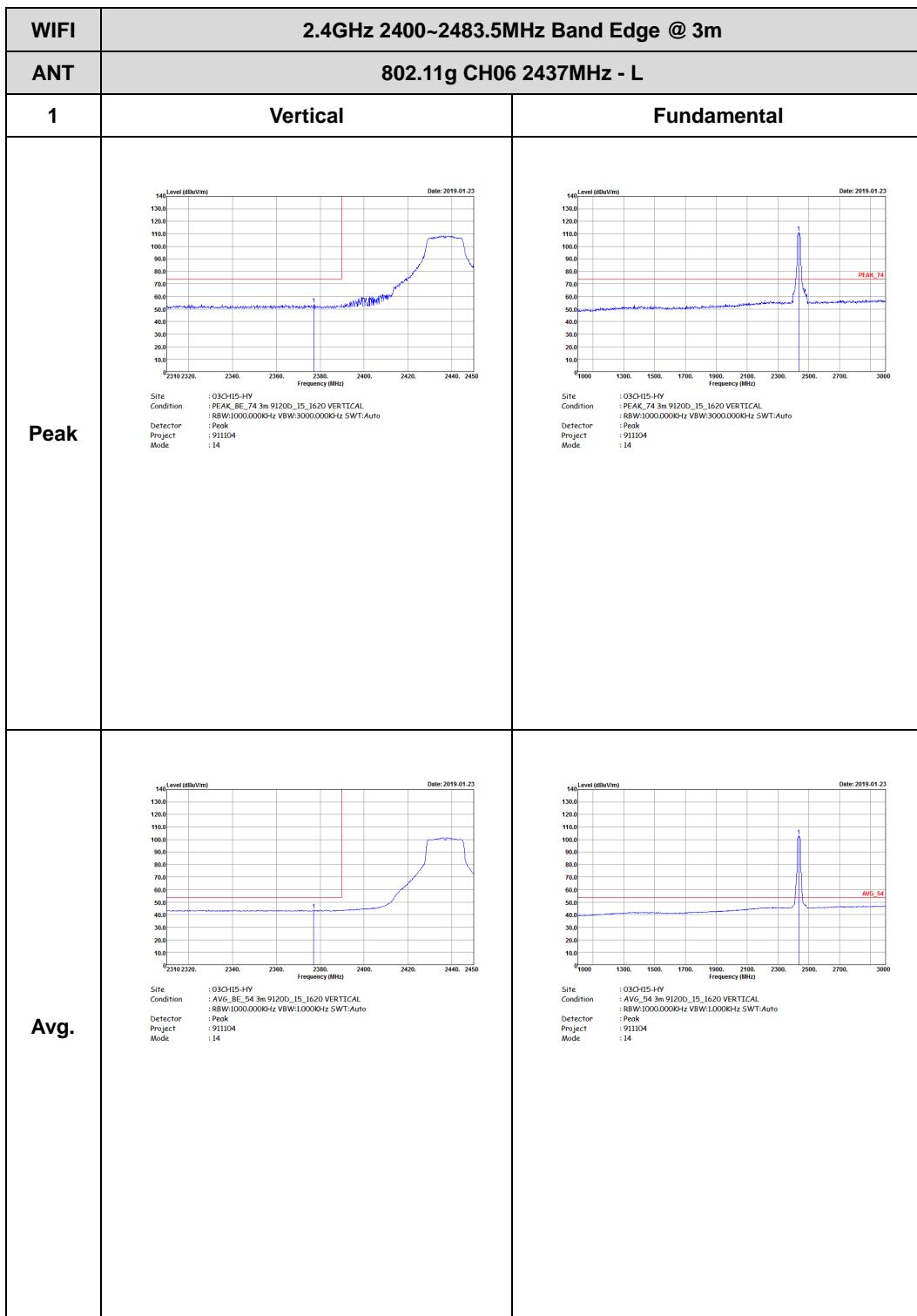




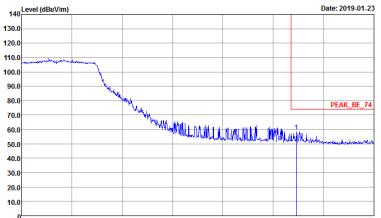
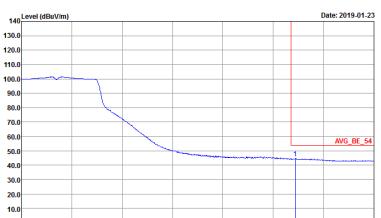


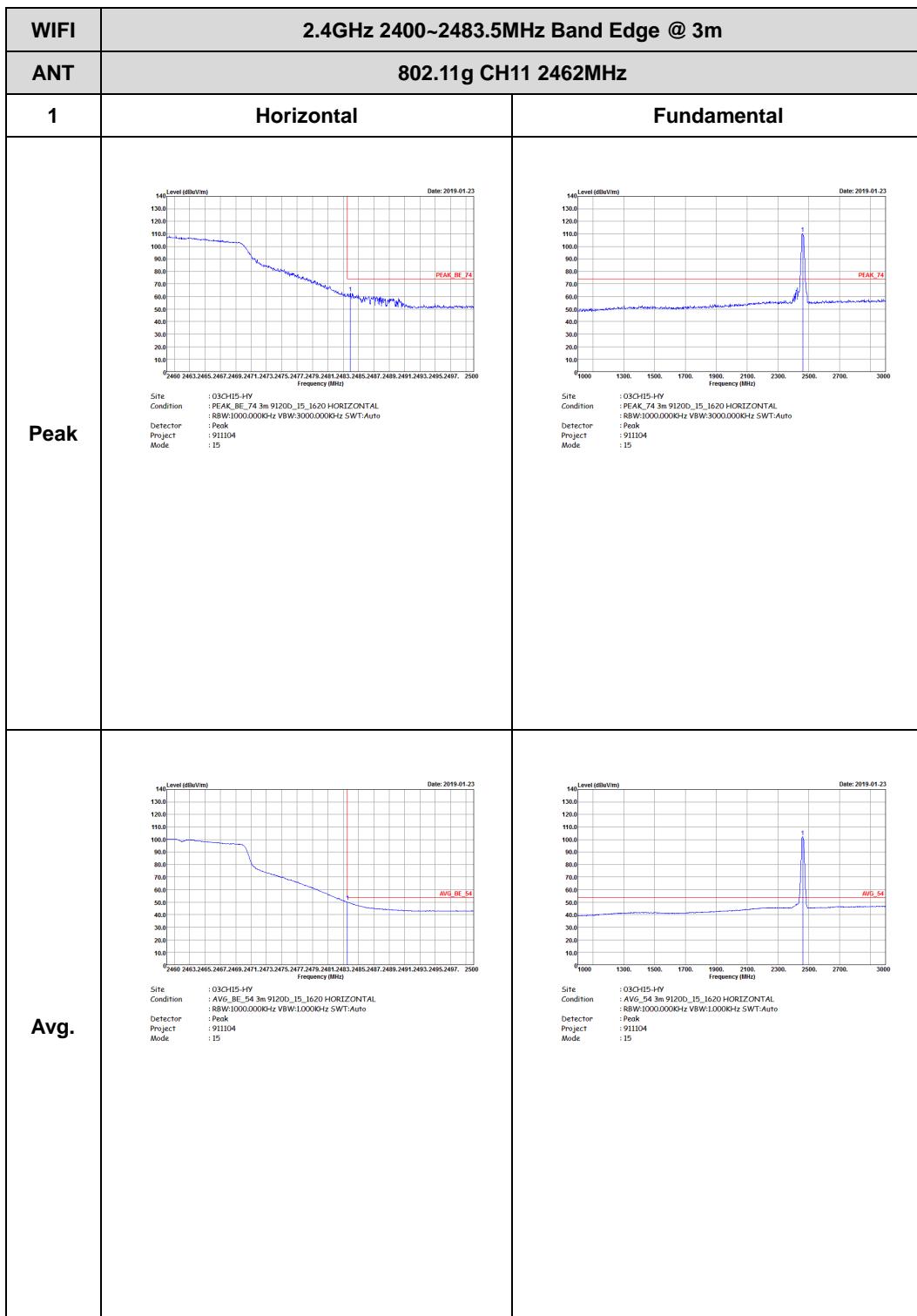


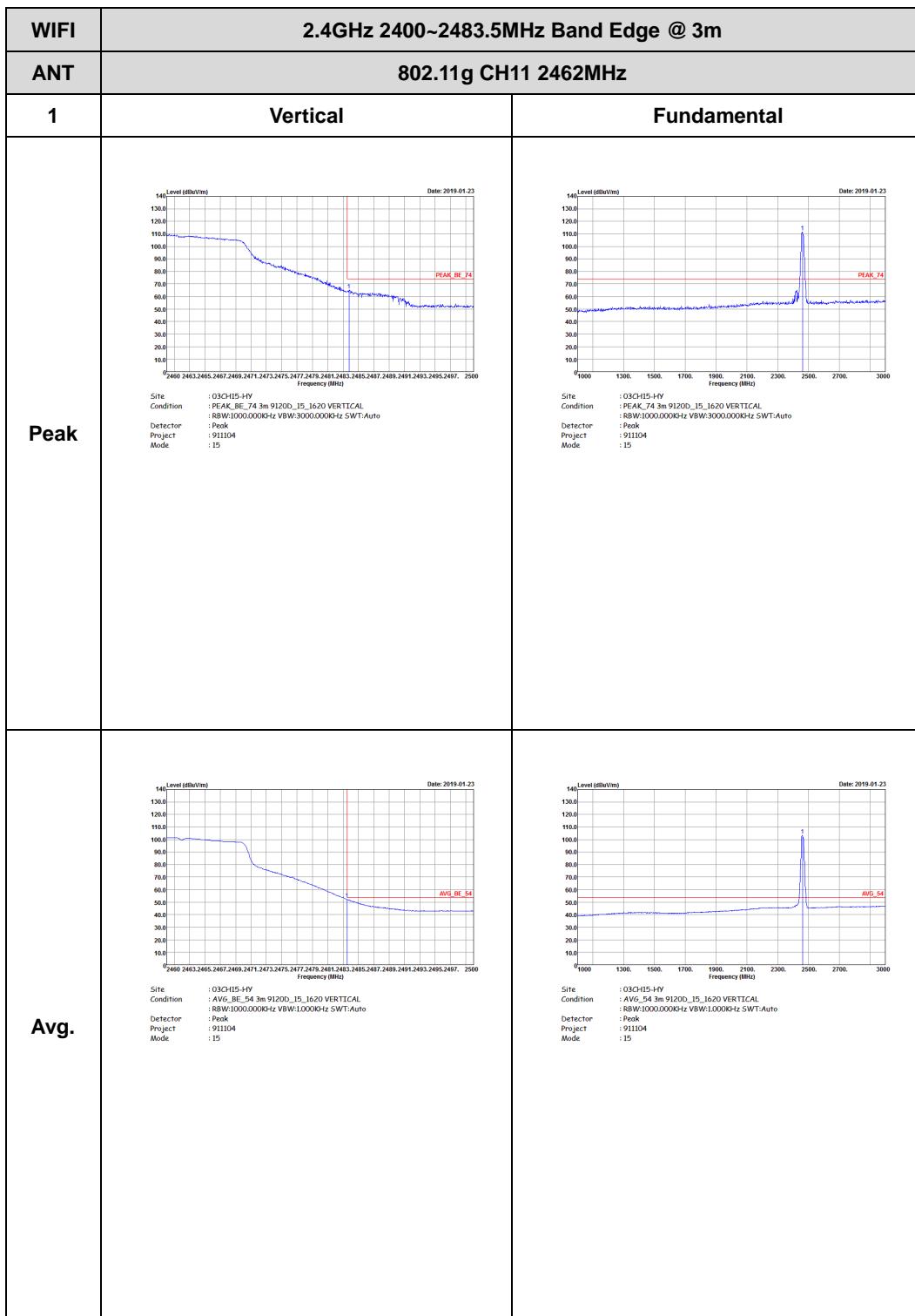
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 14</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:1.0000Hz SWT:Auto Project : 911104 Mode : 14</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 <p>Level (dBm/Vm) vs Frequency (MHz) Date: 2019-01-23</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 14</p>	Left Blank
Avg.	 <p>Level (dBm/Vm) vs Frequency (MHz) Date: 2019-01-23</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:1.000KHz SWT:Auto Project : 911104 Mode : 14</p>	Left Blank

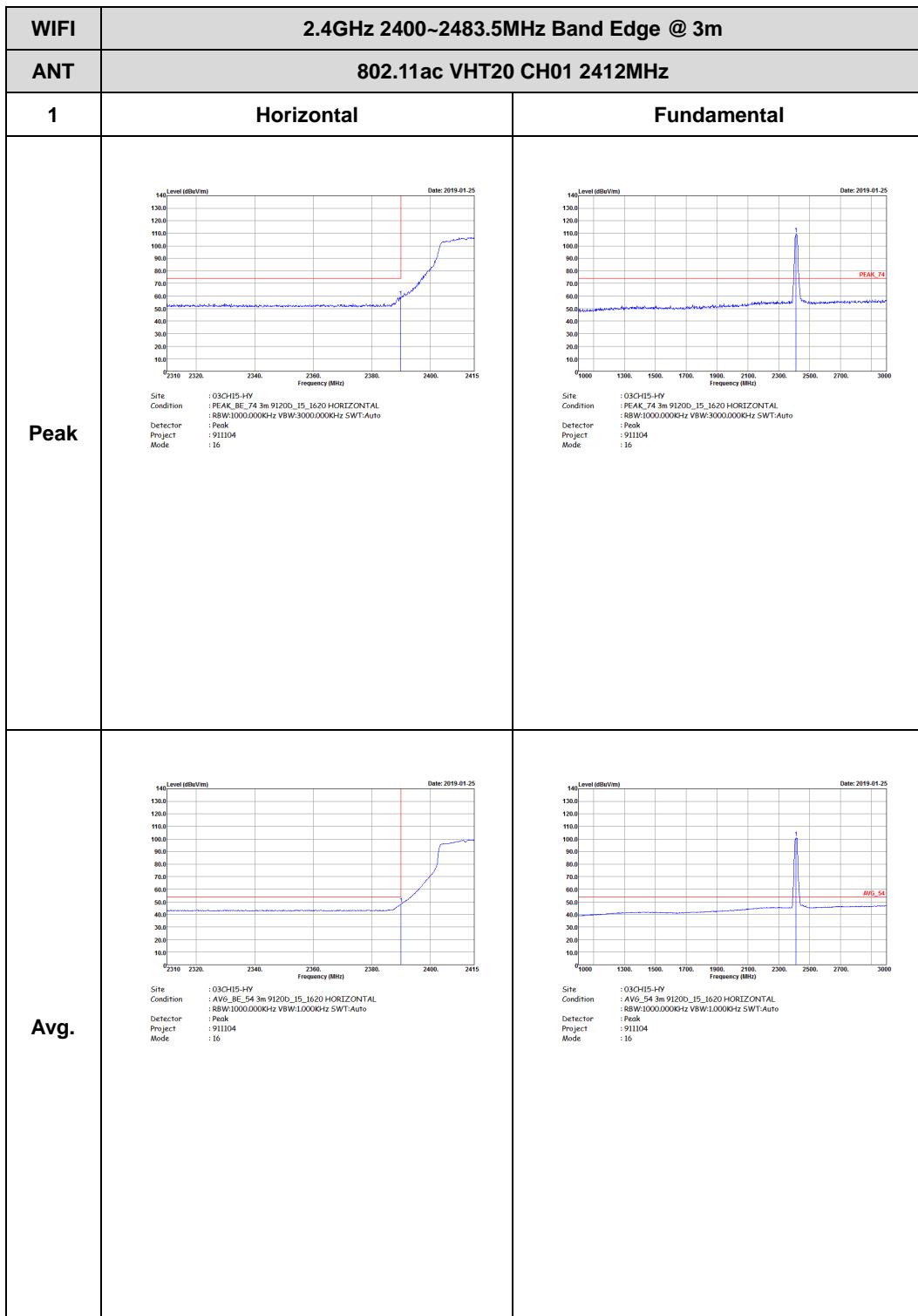


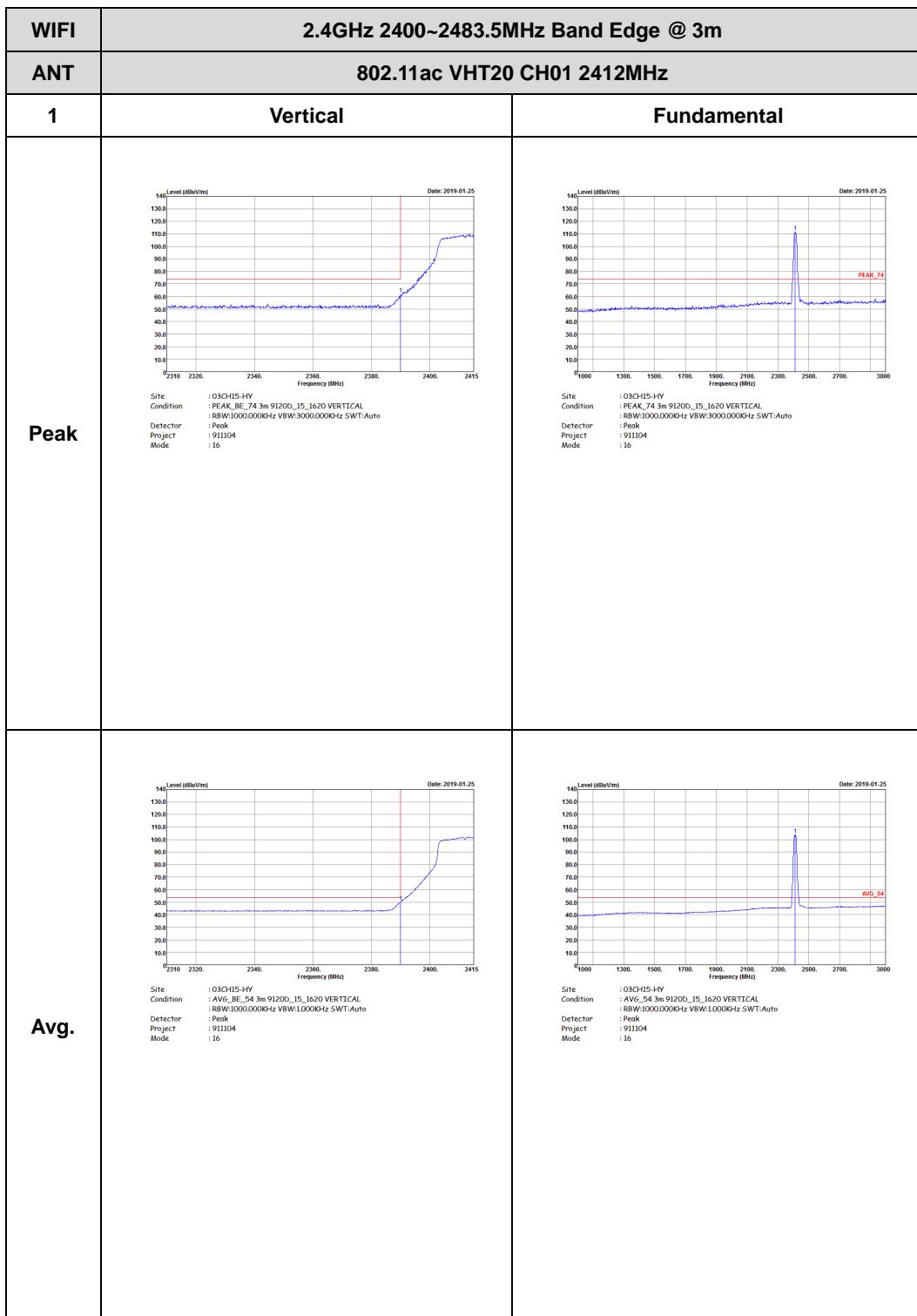


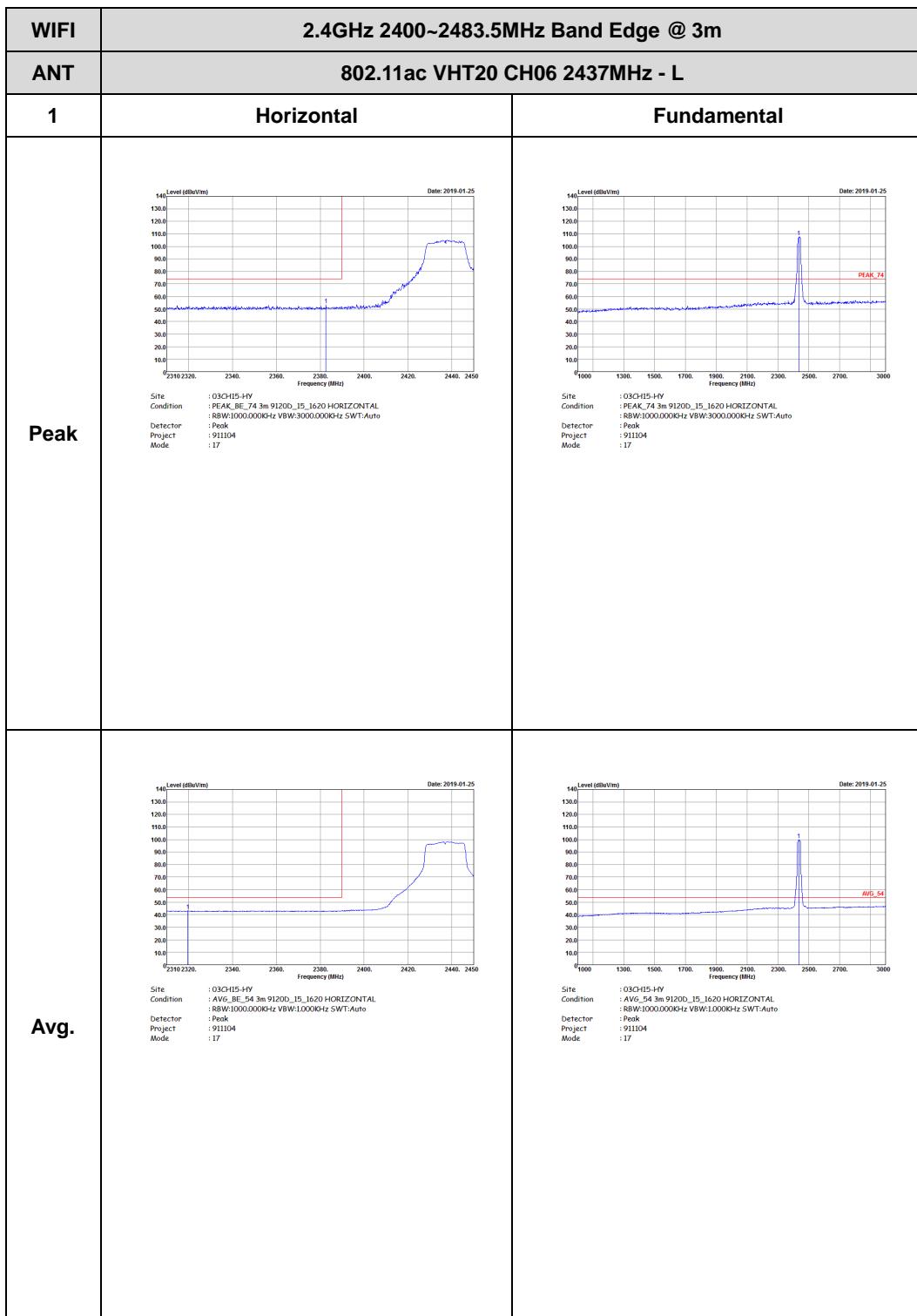


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT20 (Band Edge @ 3m)

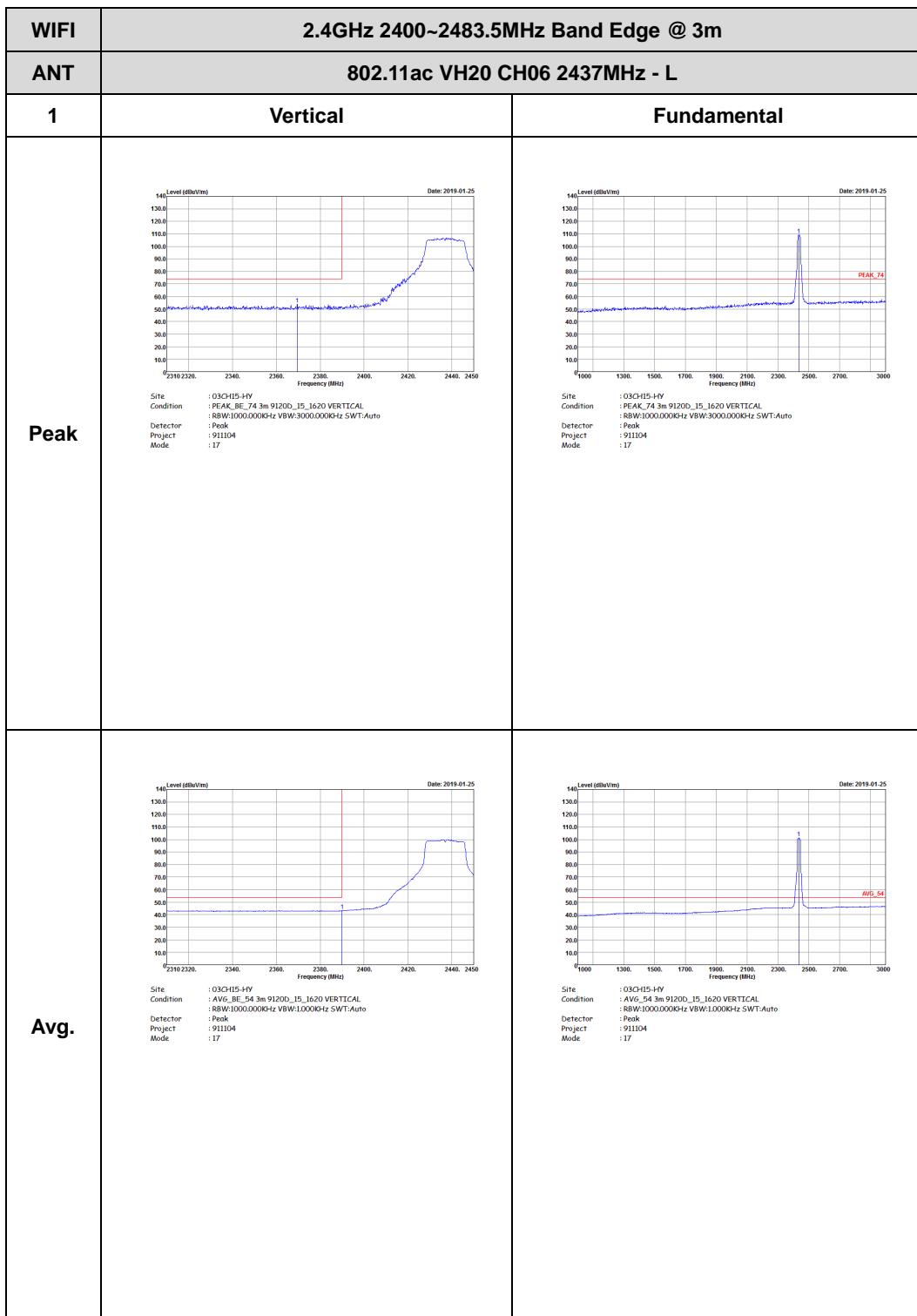






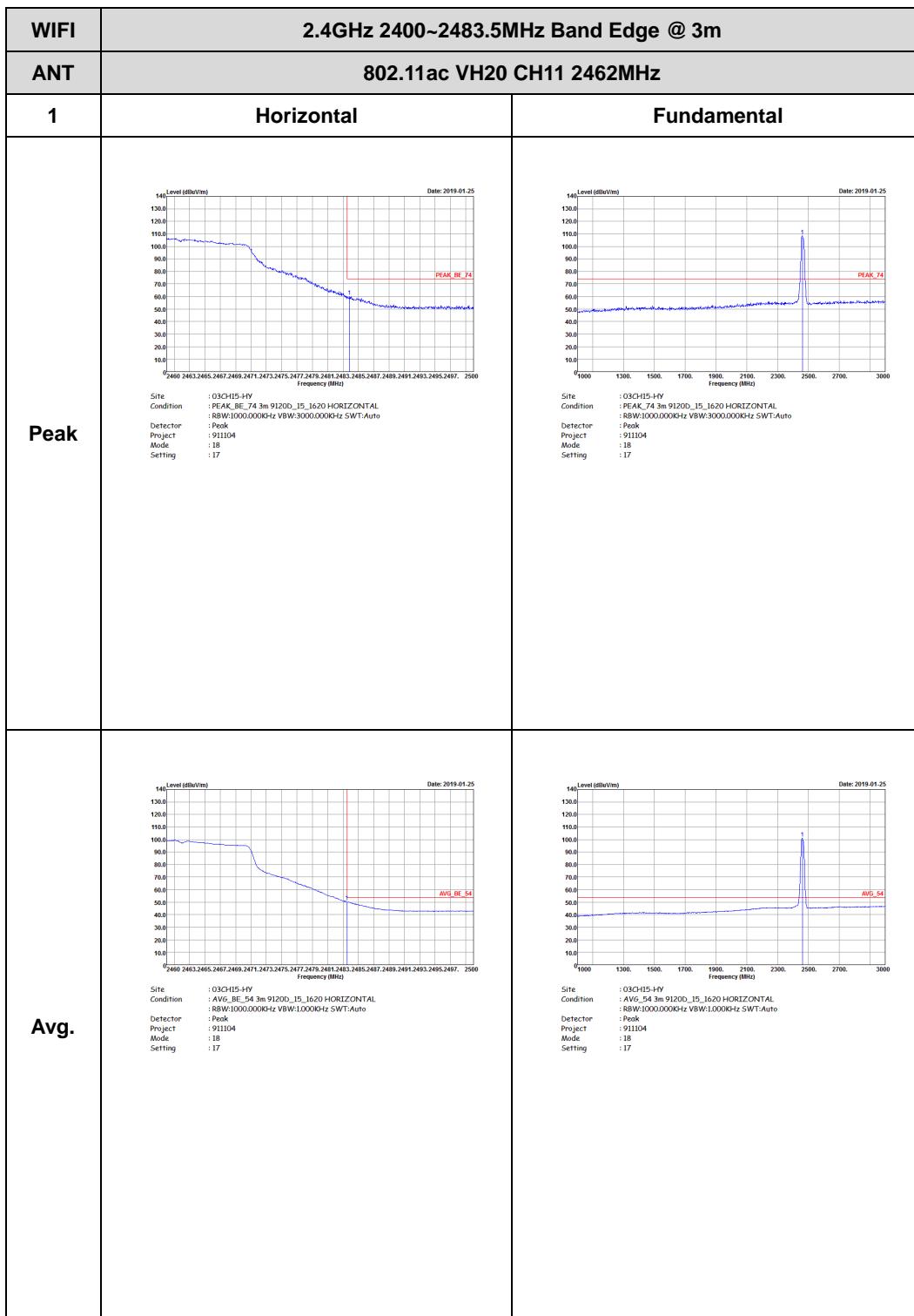


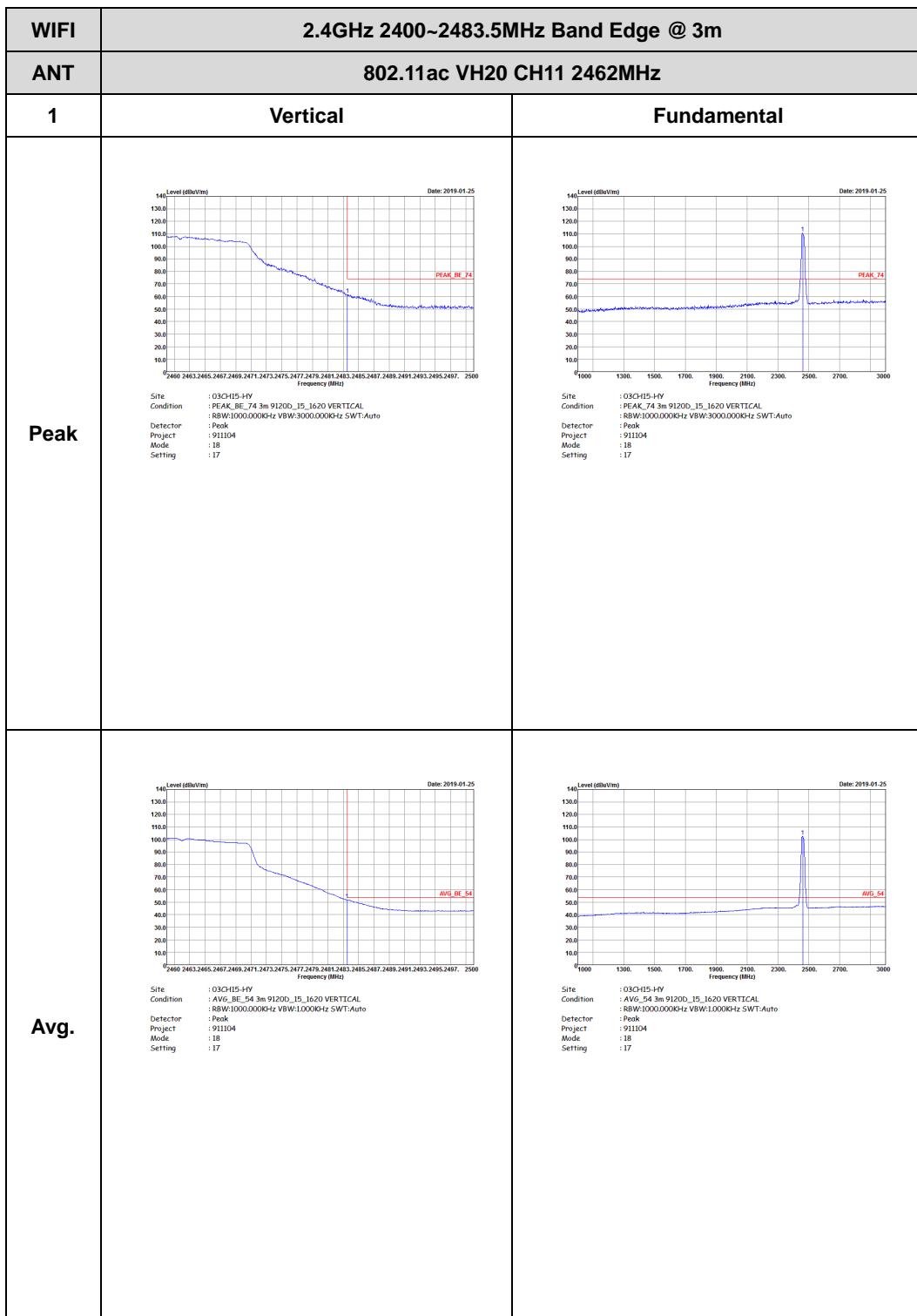
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911104 Mode : 17</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 17</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	<p>Level (dBc/Vm)</p> <p>Frequency (MHz)</p> <p>Date: 2019-01-25</p> <p>PEAK_BE_74</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 17</p>	Left blank
Avg.	<p>Level (dBc/Vm)</p> <p>Frequency (MHz)</p> <p>Date: 2019-01-25</p> <p>AVG_BE_54</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:1.000KHz SWT:Auto Project : 911104 Mode : 17</p>	Left blank

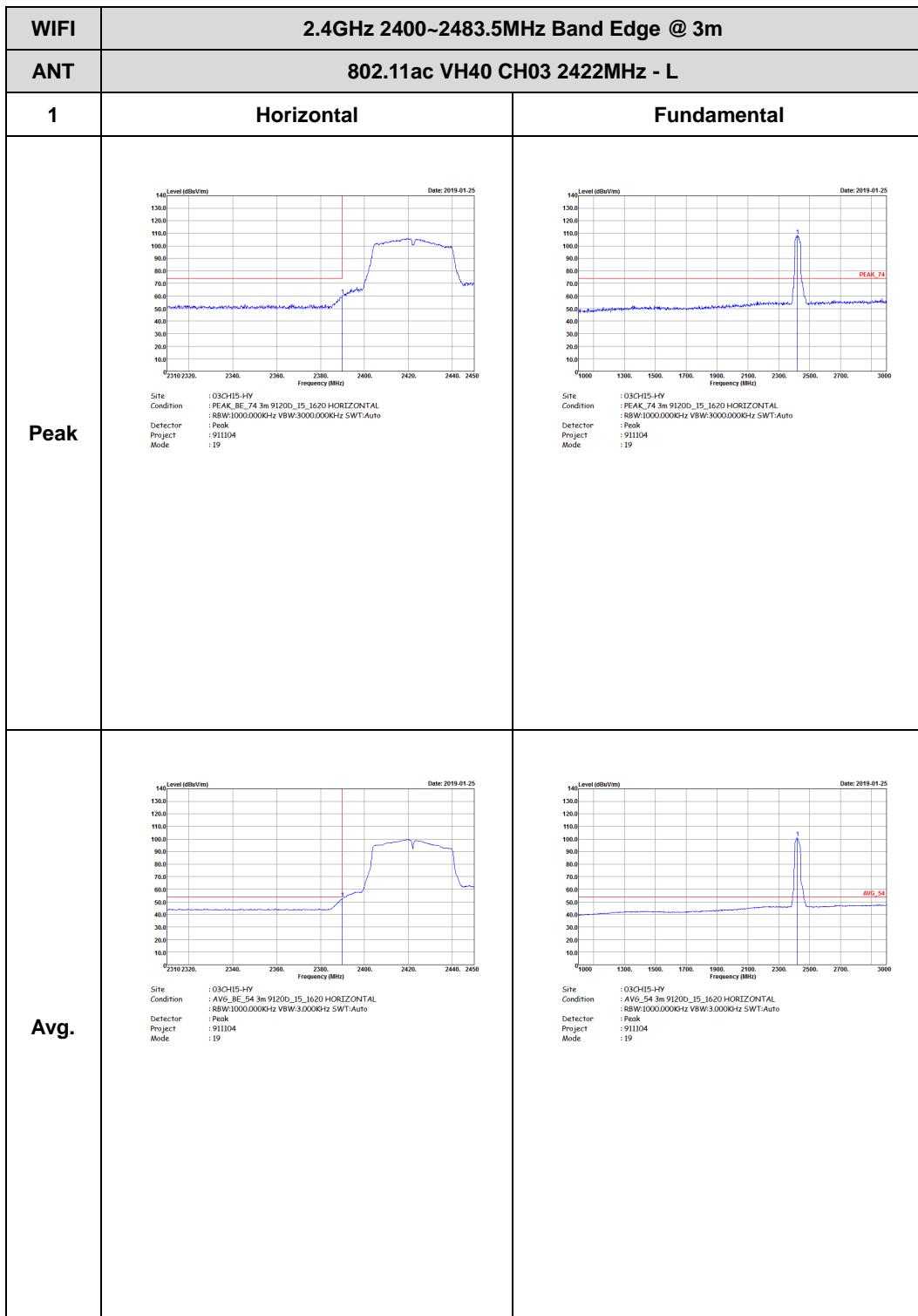






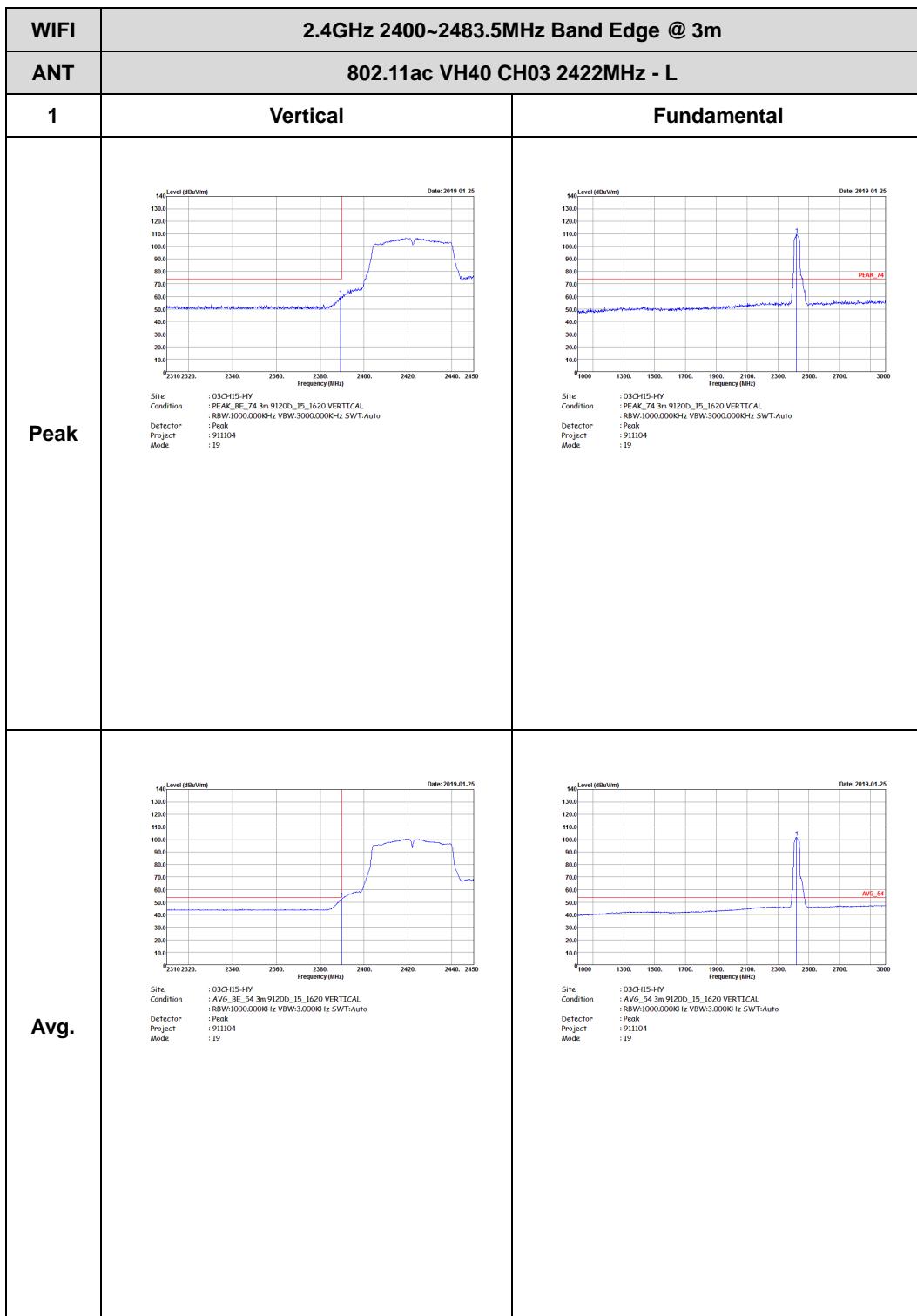
## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT40 (Band Edge @ 3m)



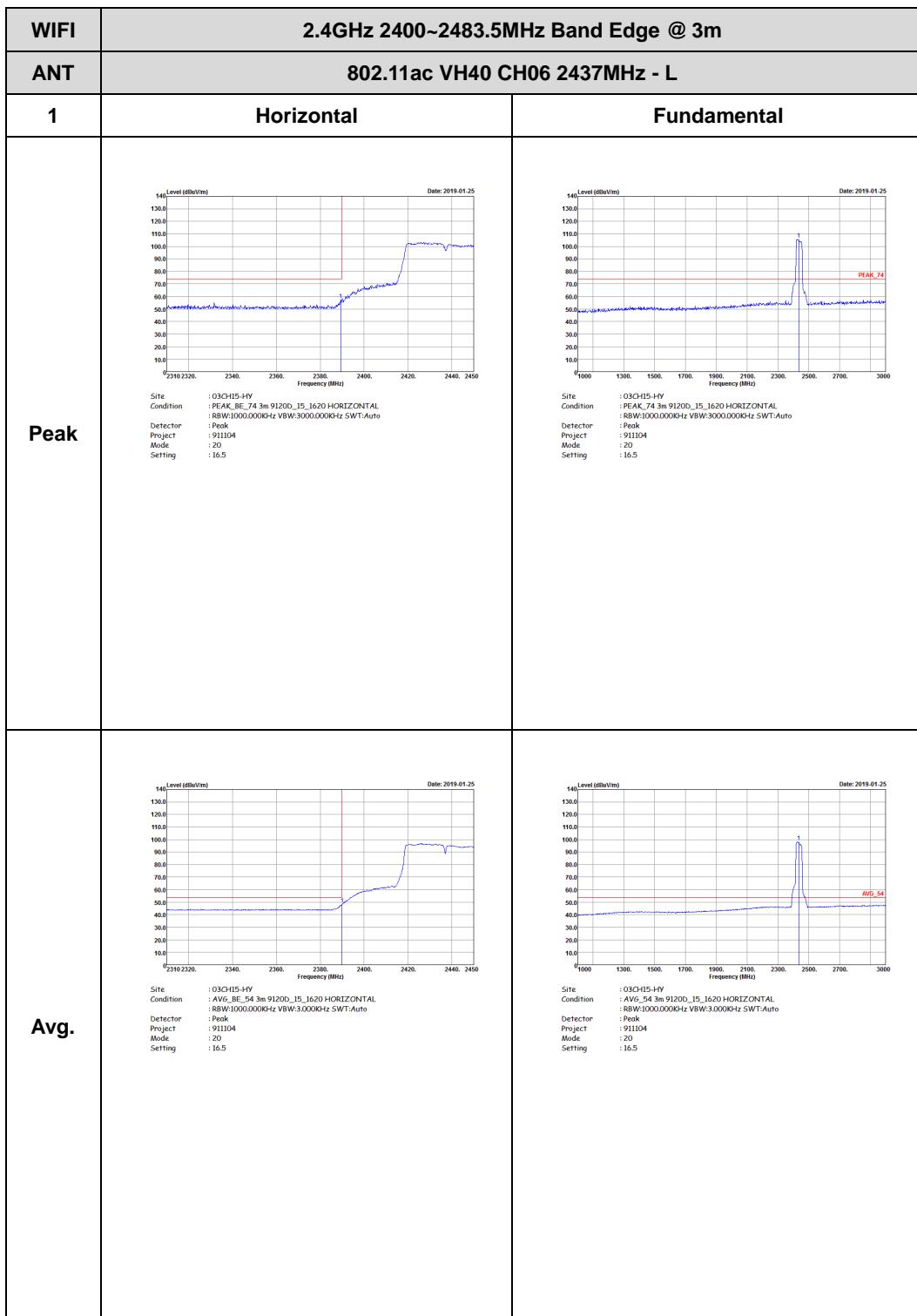


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911104 Mode : 19</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 19</p>	Left blank



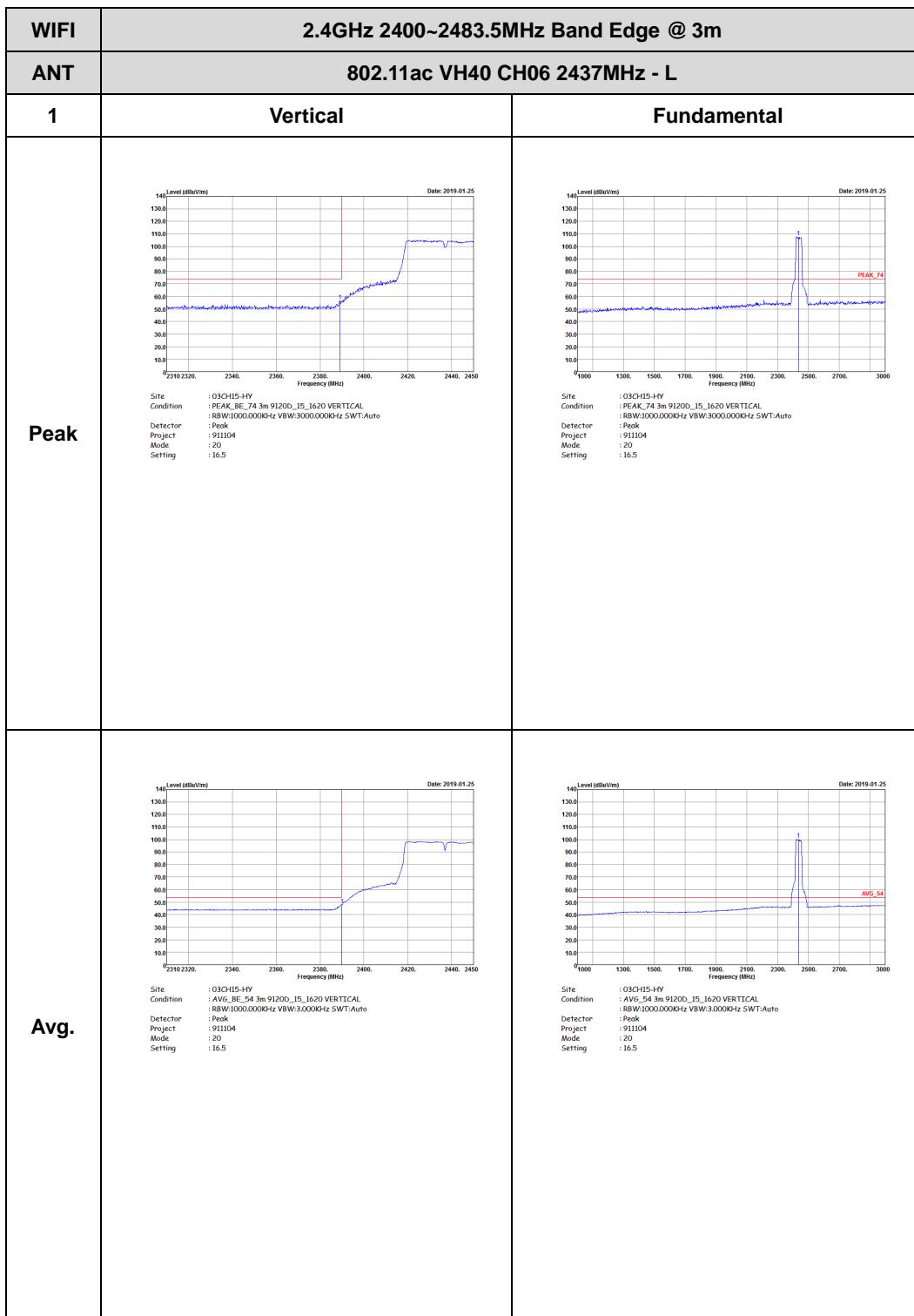


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 19</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3.0000KHz SWT:Auto Project : 911104 Mode : 19</p>	Left blank

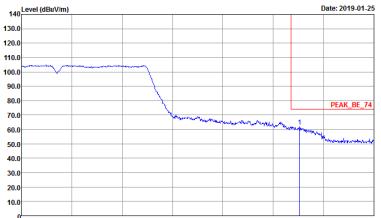


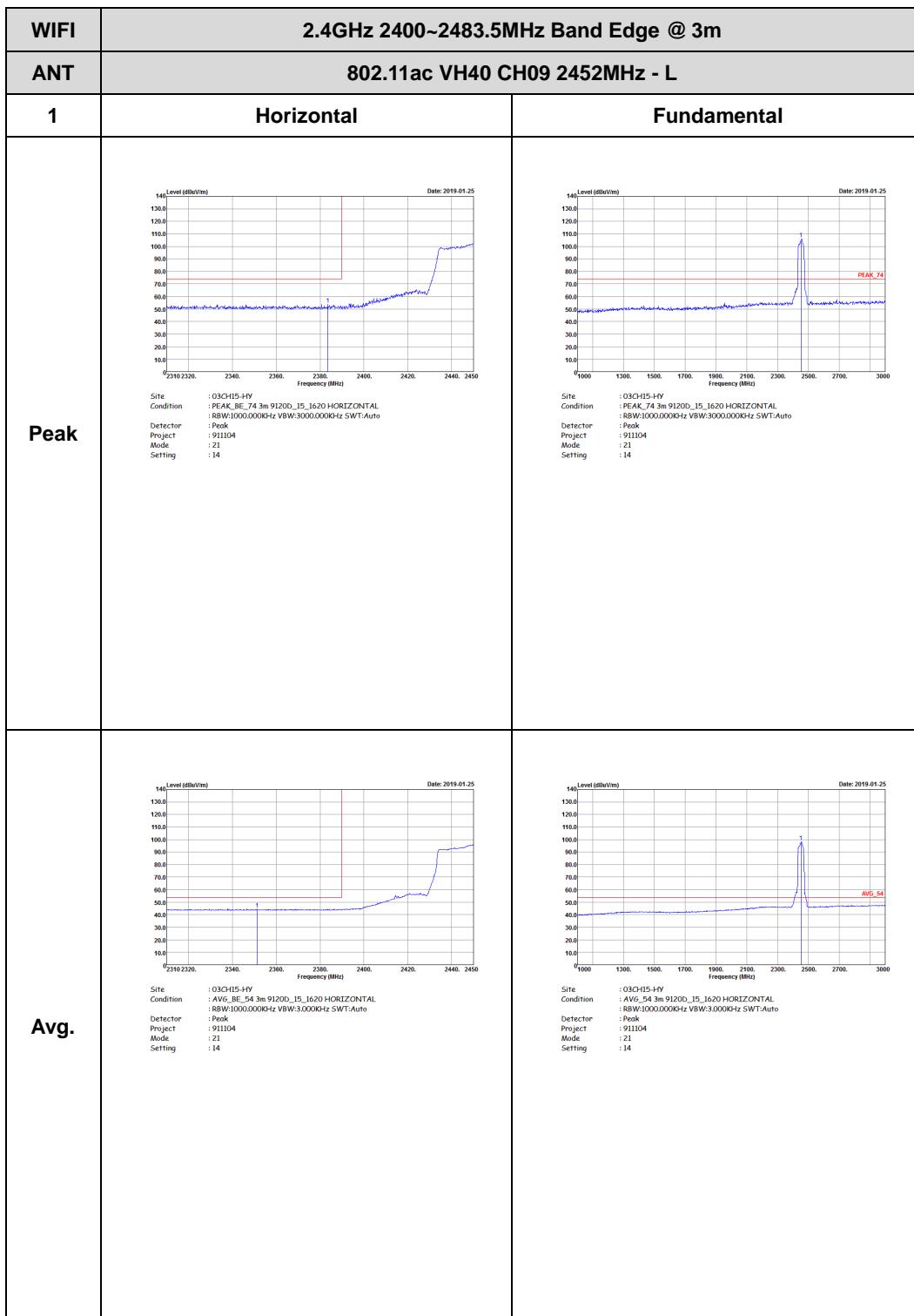


<b>WIFI</b>	<b>2.4GHz 2400~2483.5MHz Band Edge @ 3m</b>	
<b>ANT</b>	<b>802.11ac VH40 CH06 2437MHz - R</b>	
<b>1</b>	<b>Horizontal</b>	<b>Fundamental</b>
<b>Peak</b>	<p>Level (dBc/Vm)</p> <p>Frequency (MHz)</p> <p>Date: 2019-01-25</p> <p>PEAK_BE_74</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911104 Mode : 20 Setting : 16.5</p>	Left blank
<b>Avg.</b>	<p>Level (dBc/Vm)</p> <p>Frequency (MHz)</p> <p>Date: 2019-01-25</p> <p>Avg_BE_54</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 20 Setting : 16.5</p>	Left blank



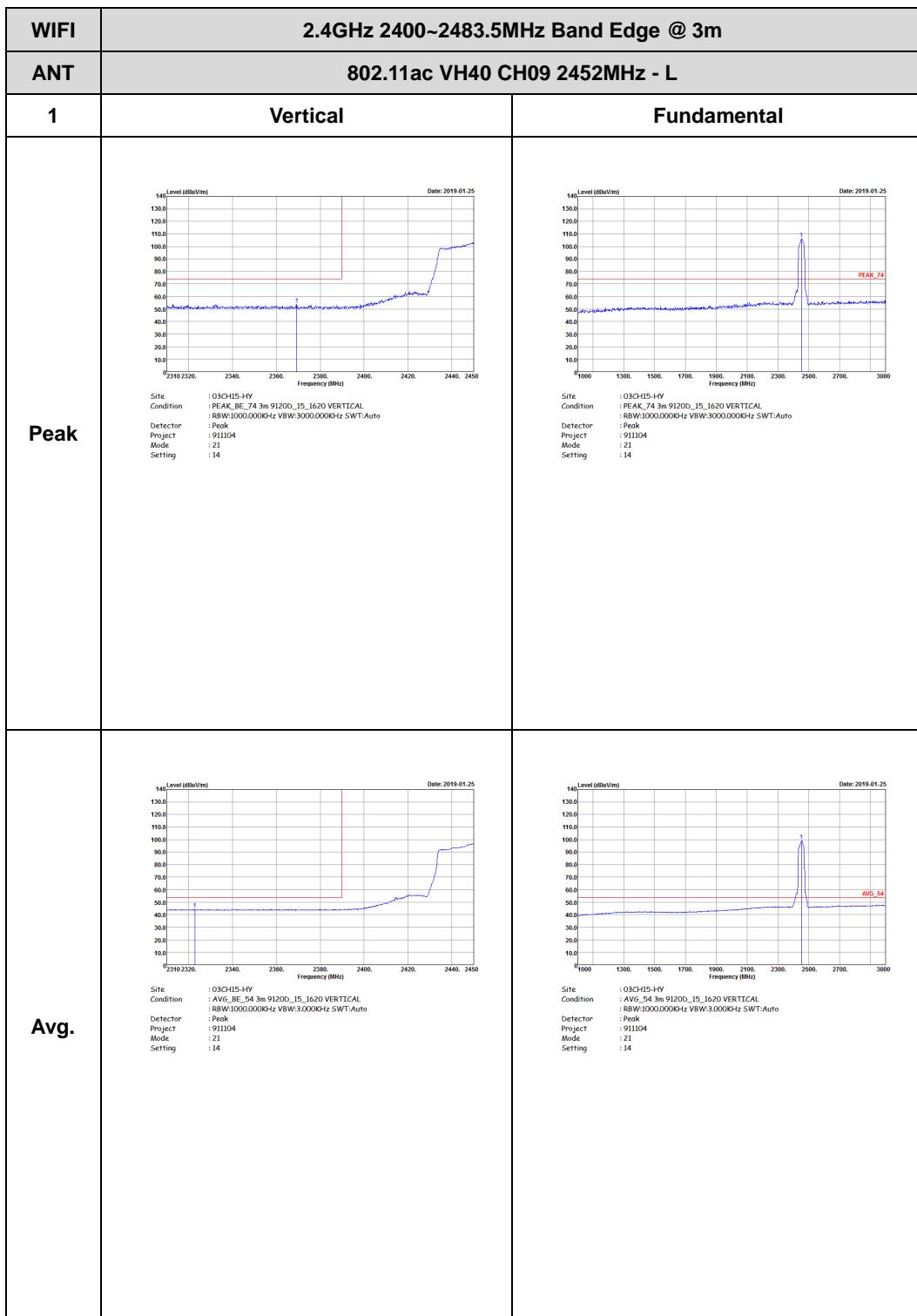


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 <p>Level (dBc/Vm)</p> <p>Frequency (MHz)</p> <p>Date: 2019-01-25</p> <p>PEAK_BE_74</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 91104 Mode : 20 Setting : 16.5</p>	Left blank
Avg.	 <p>Level (dBc/Vm)</p> <p>Frequency (MHz)</p> <p>Date: 2019-01-25</p> <p>AVG_BE_54</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3.0000KHz SWT:Auto Project : 91104 Mode : 20 Setting : 16.5</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 : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911104 Mode : 21 Setting : 14</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 21 Setting : 14</p>	Left blank



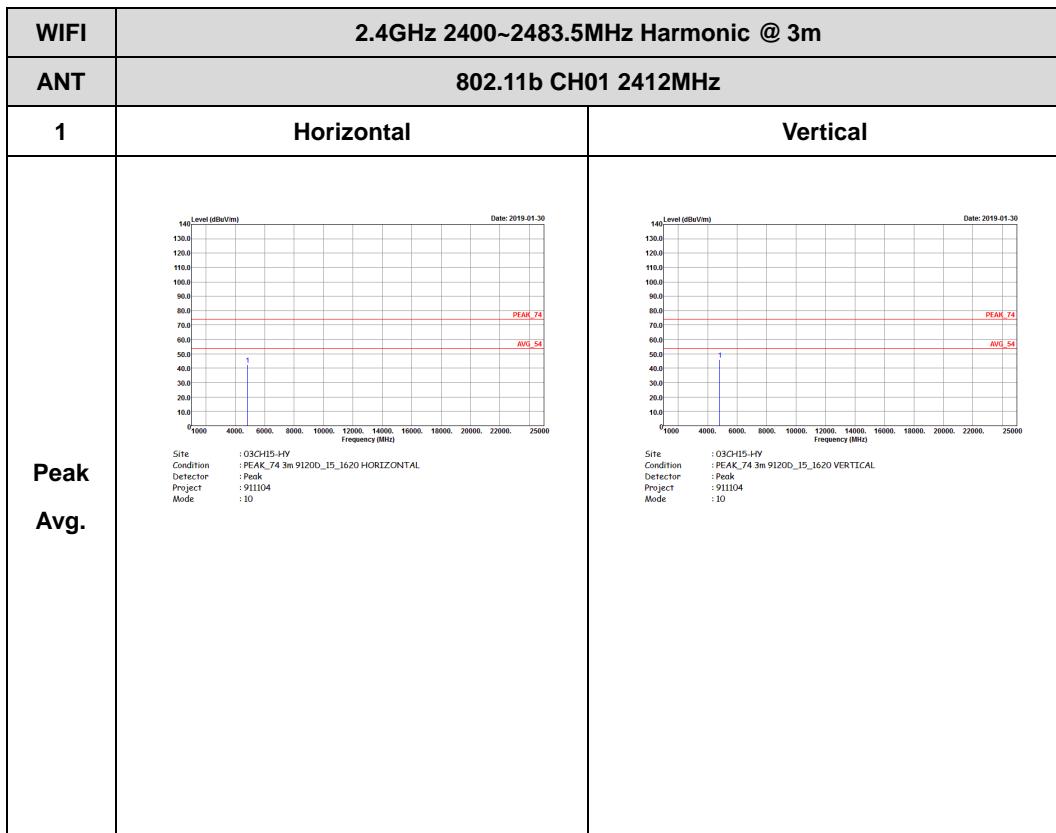


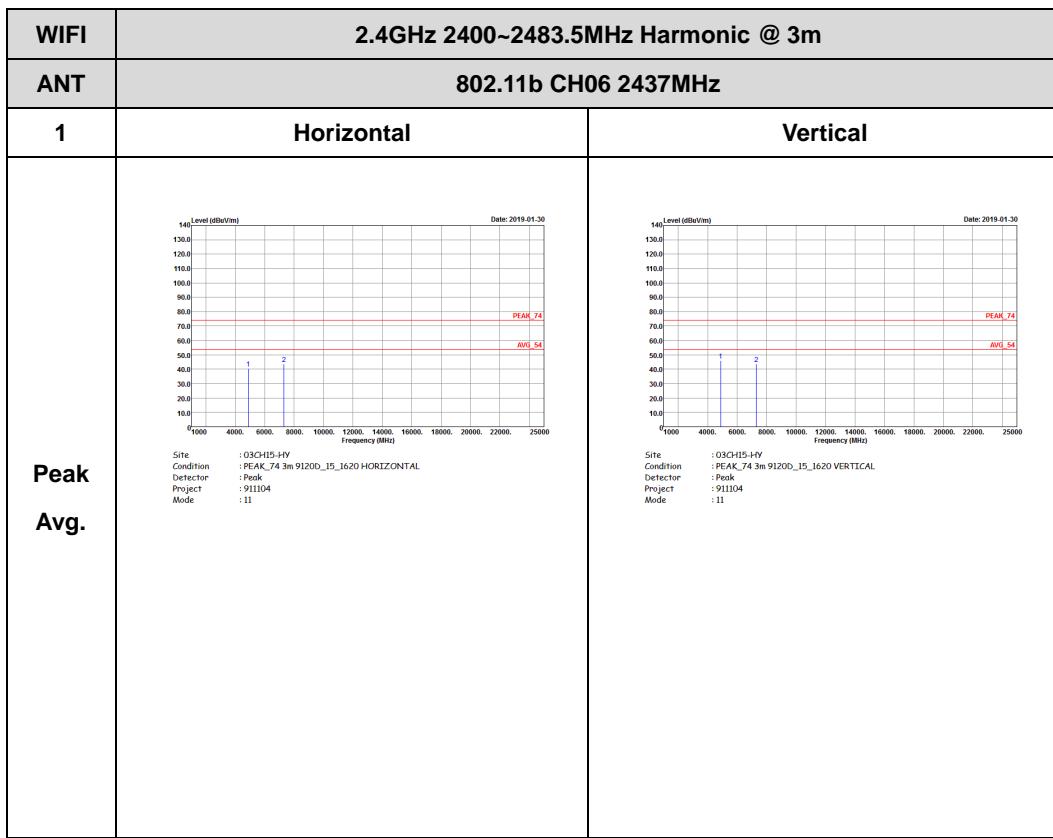
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911104 Mode : 21 Setting : 14</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL : RBW:1000.000KHz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 21 Setting : 14</p>	Left blank

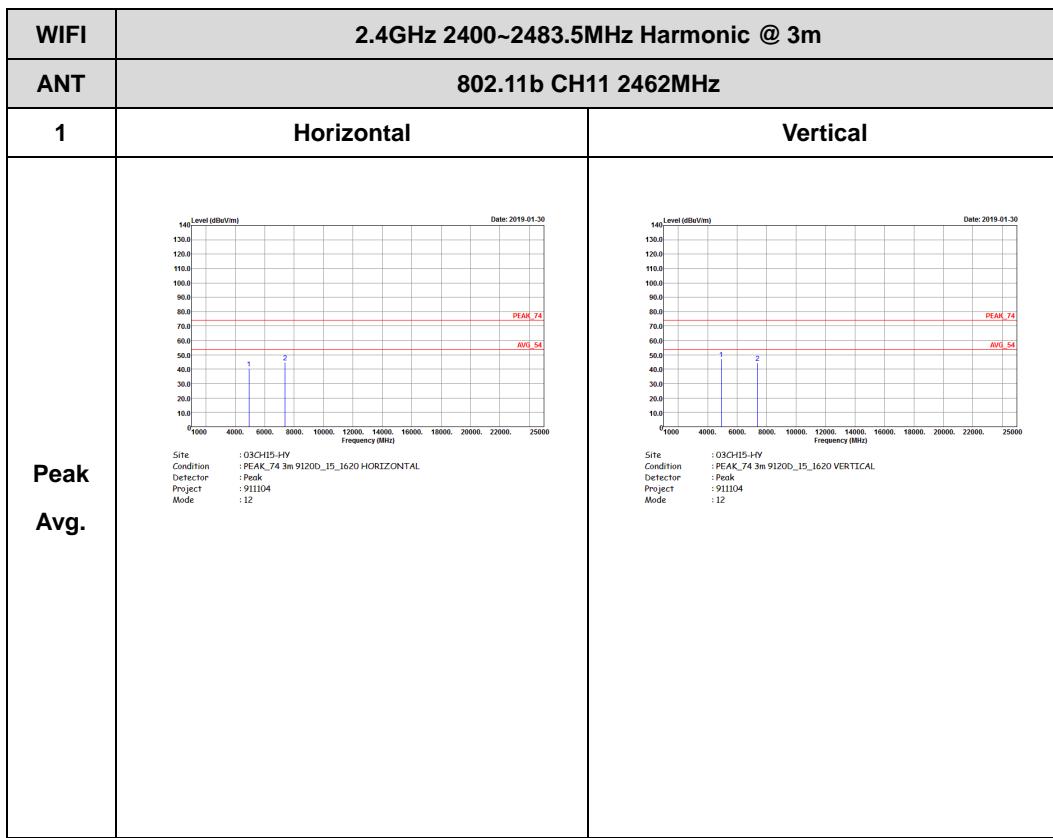


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11b (Harmonic @ 3m)



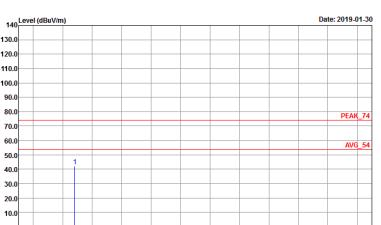


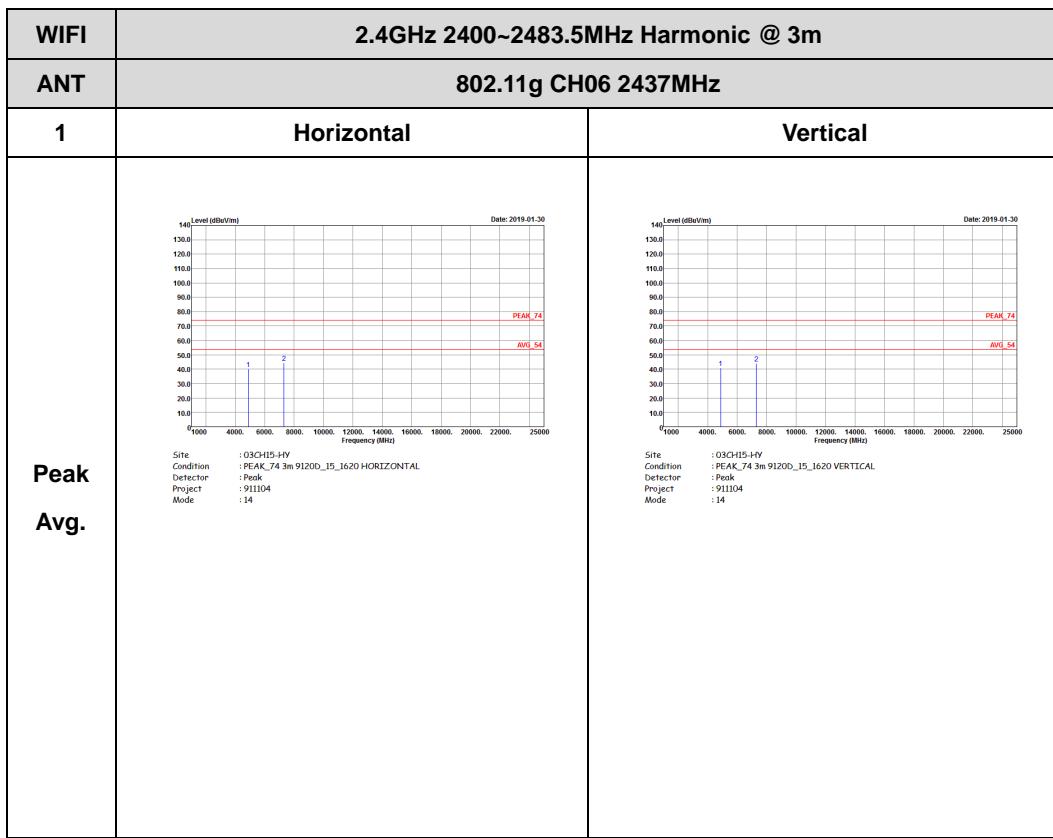


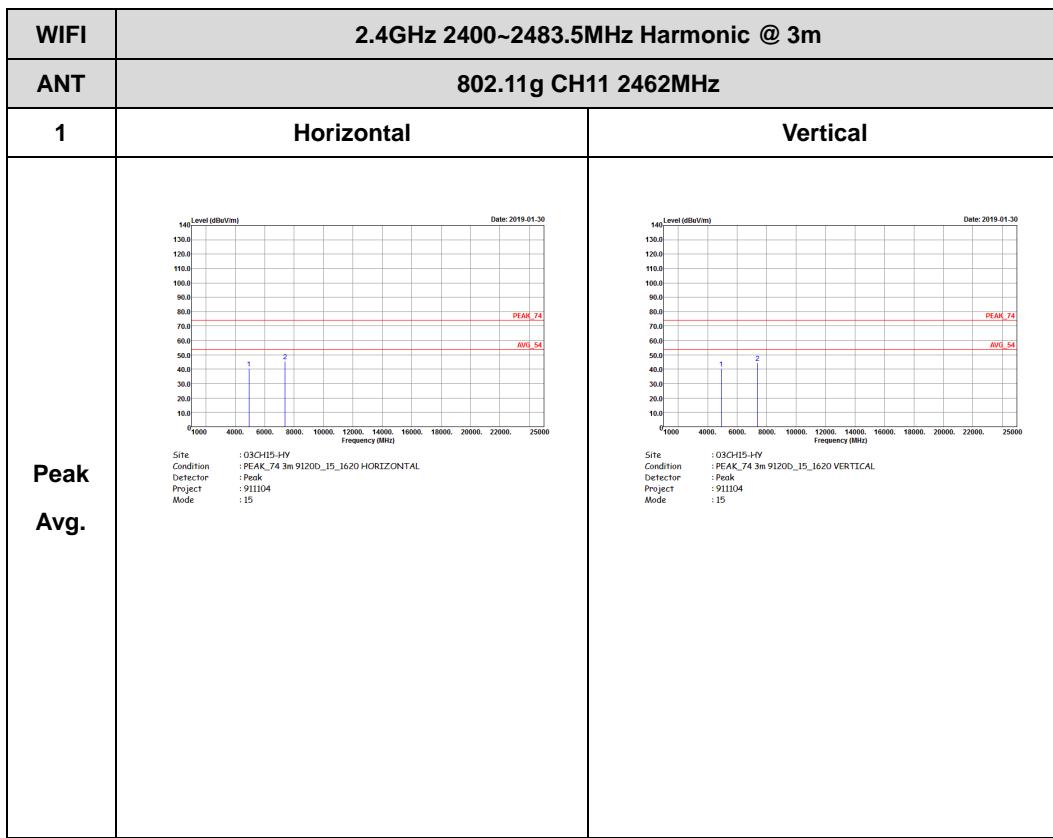


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Vertical
Peak	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 911104 Mode : 13</p>	 <p>Site : 03CH15-HY Condition : PEAK_74 3m 9120D_15_1620 VERTICAL Detector : Peak Project : 911104 Mode : 13</p>
Avg.		



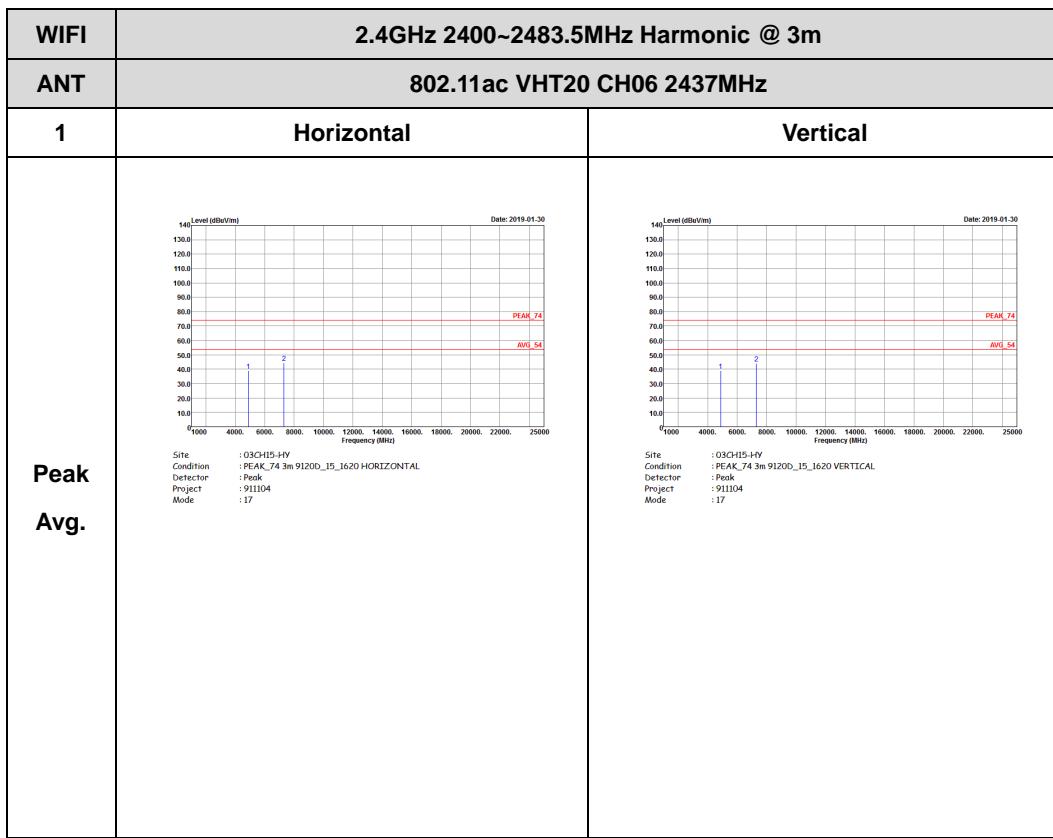


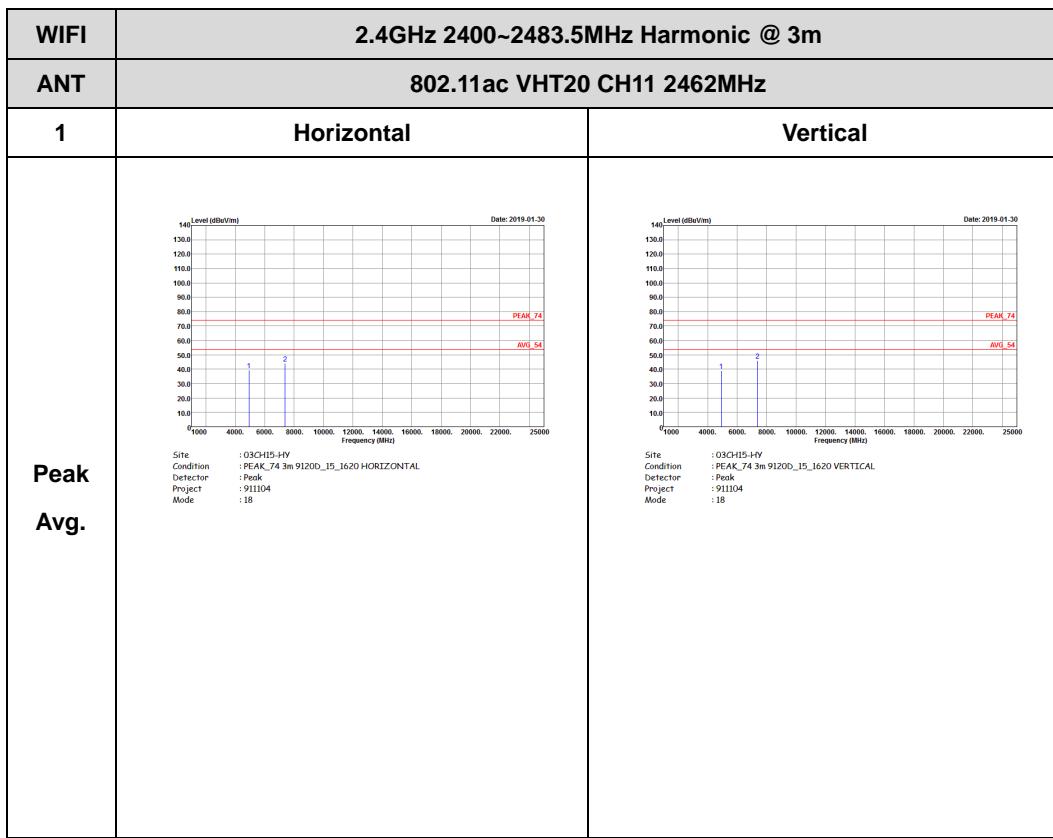


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 911104 Mode : 16	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_15_1620 VERTICAL Detector : Peak Project : 911104 Mode : 16
Avg.	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_15_1620 HORIZONTAL Detector : Avg Project : 911104 Mode : 16	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_15_1620 VERTICAL Detector : Avg Project : 911104 Mode : 16

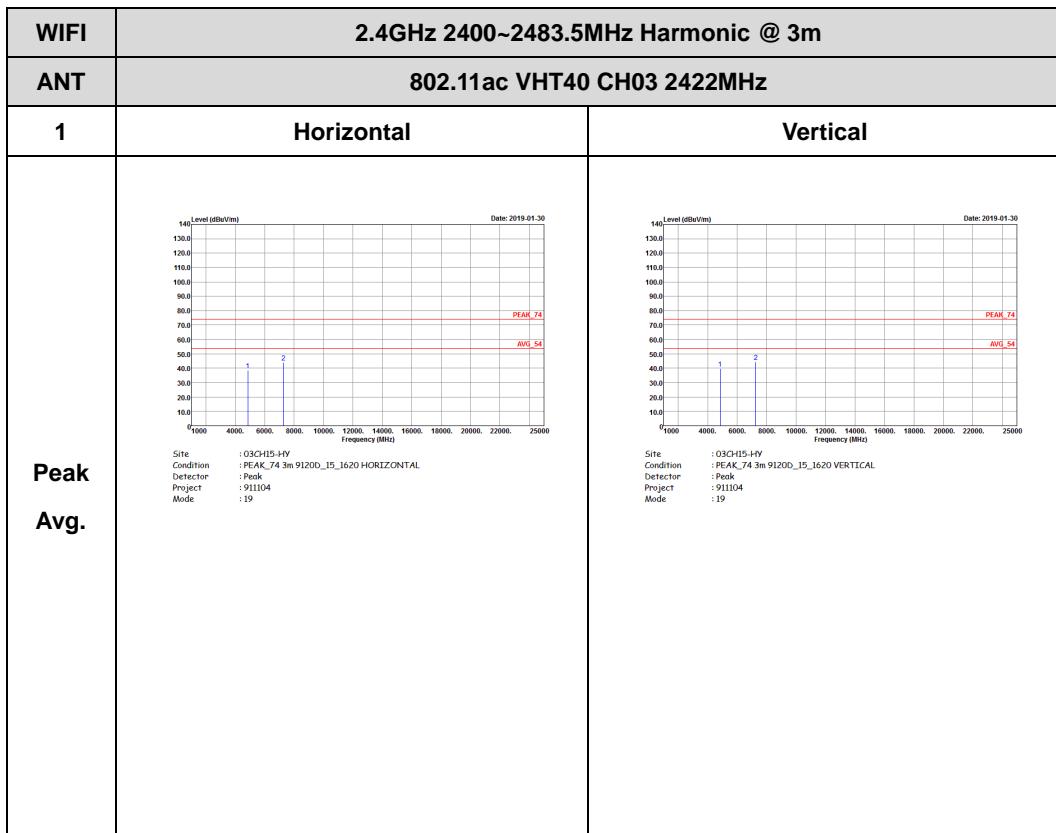


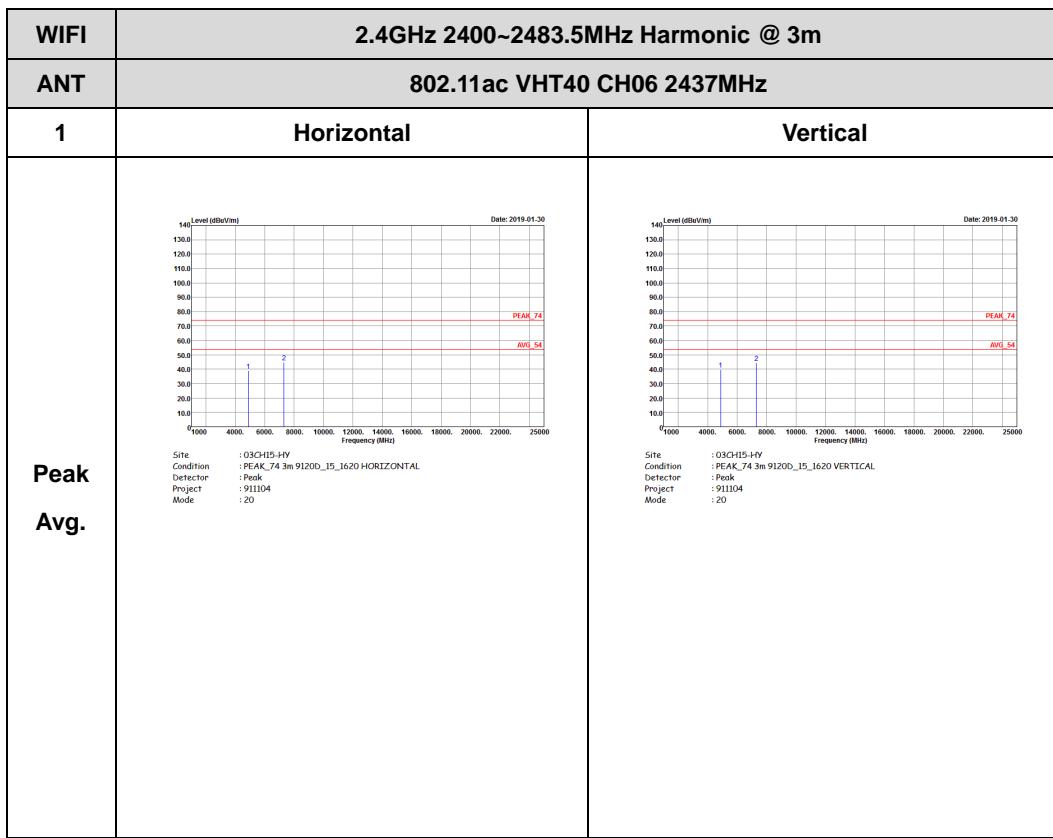


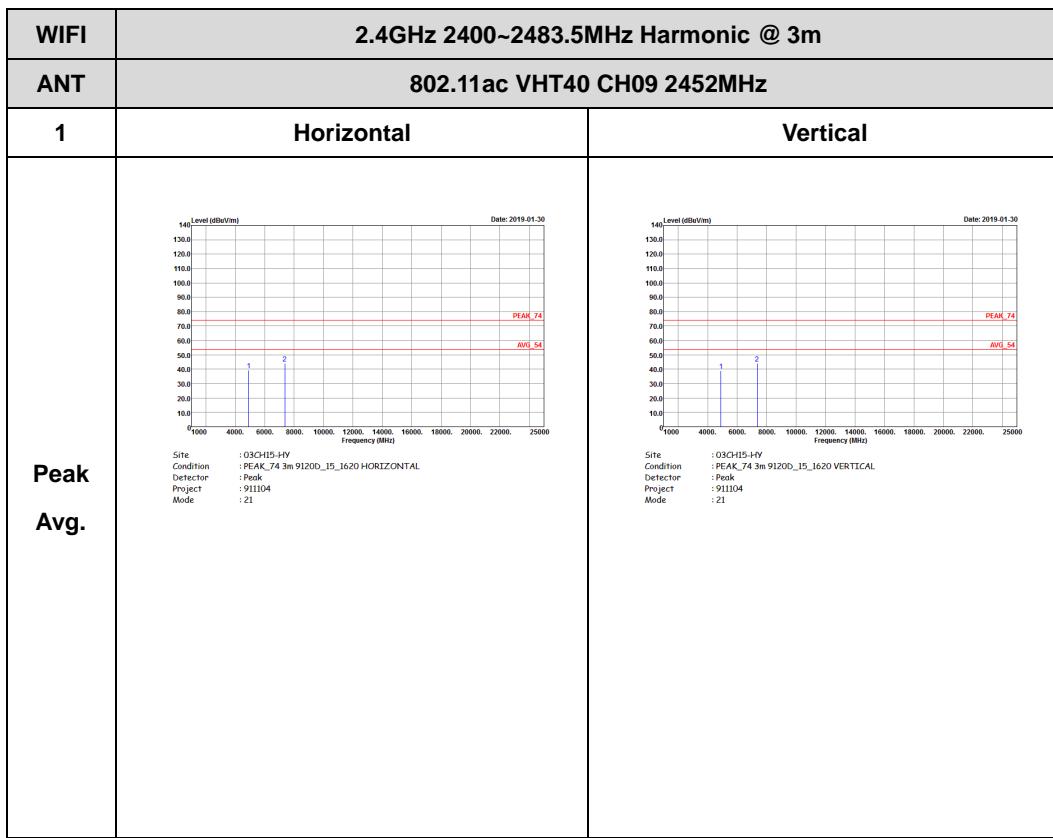


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT40 (Harmonic @ 3m)



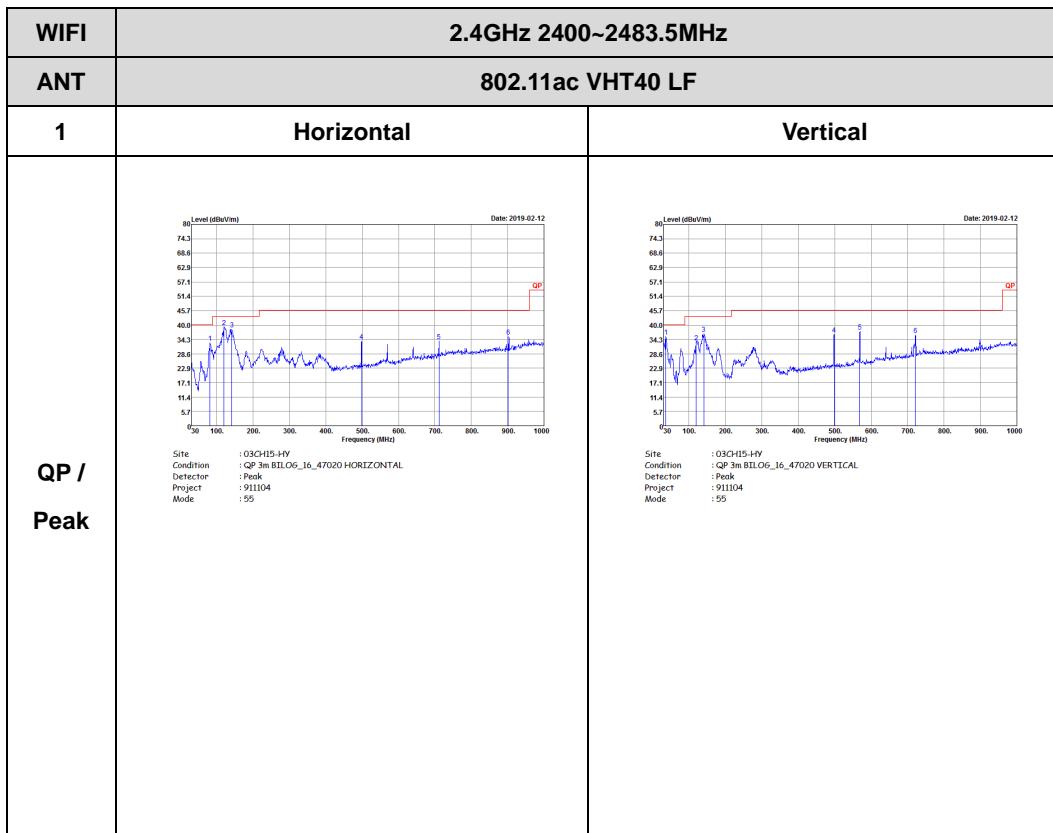






## Emission below 1GHz

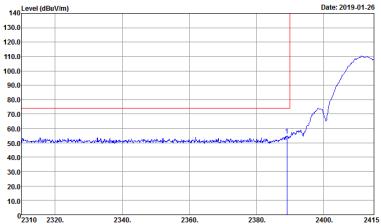
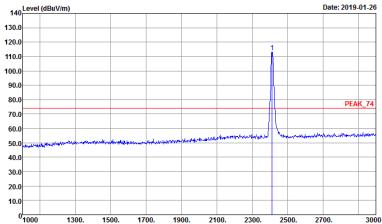
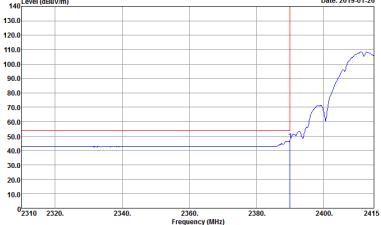
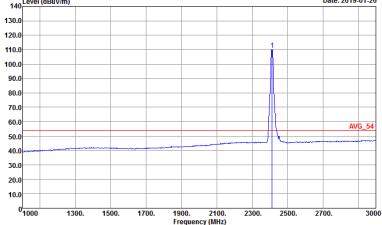
## 2.4GHz WIFI 802.11ac VHT40 (LF)

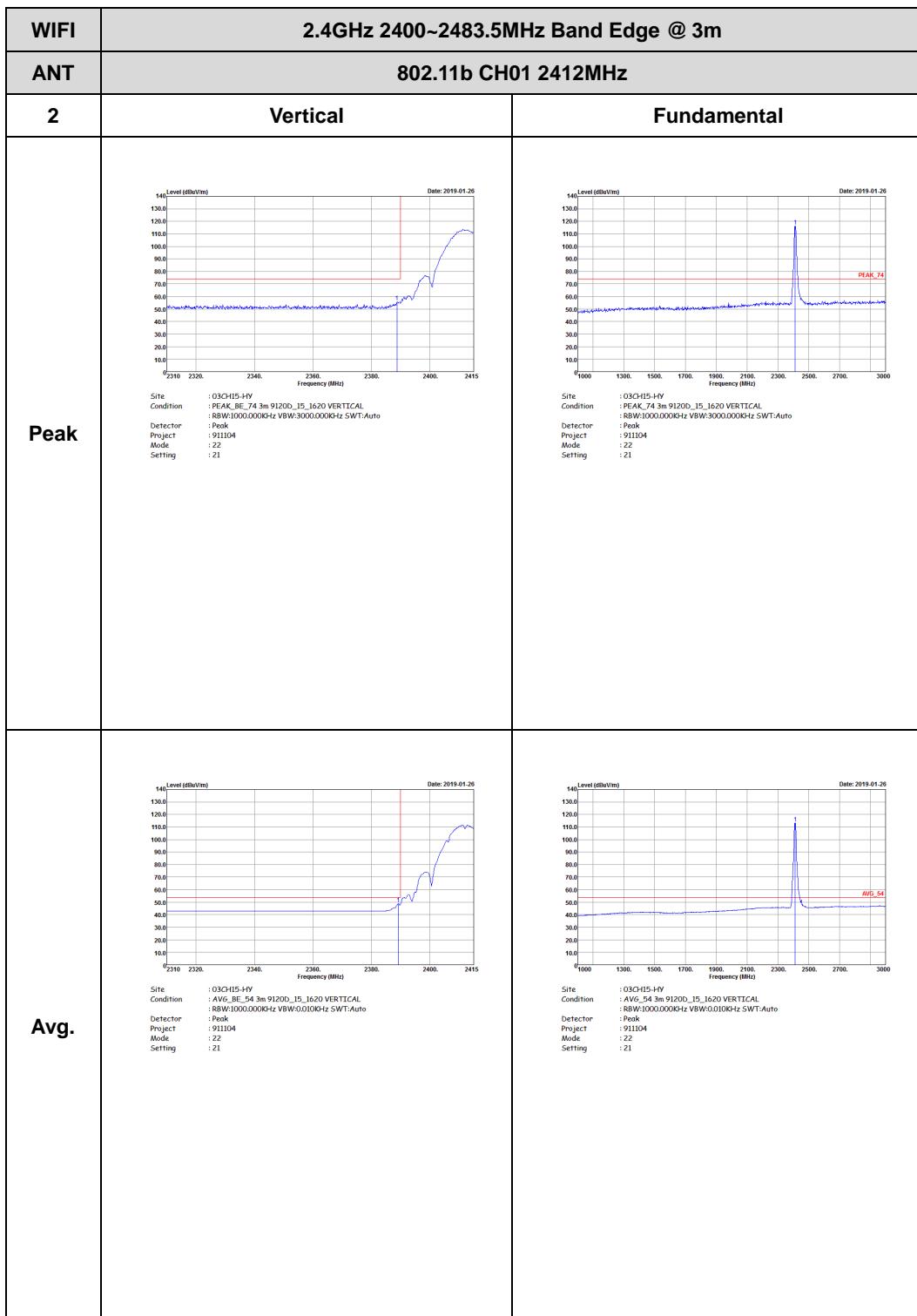


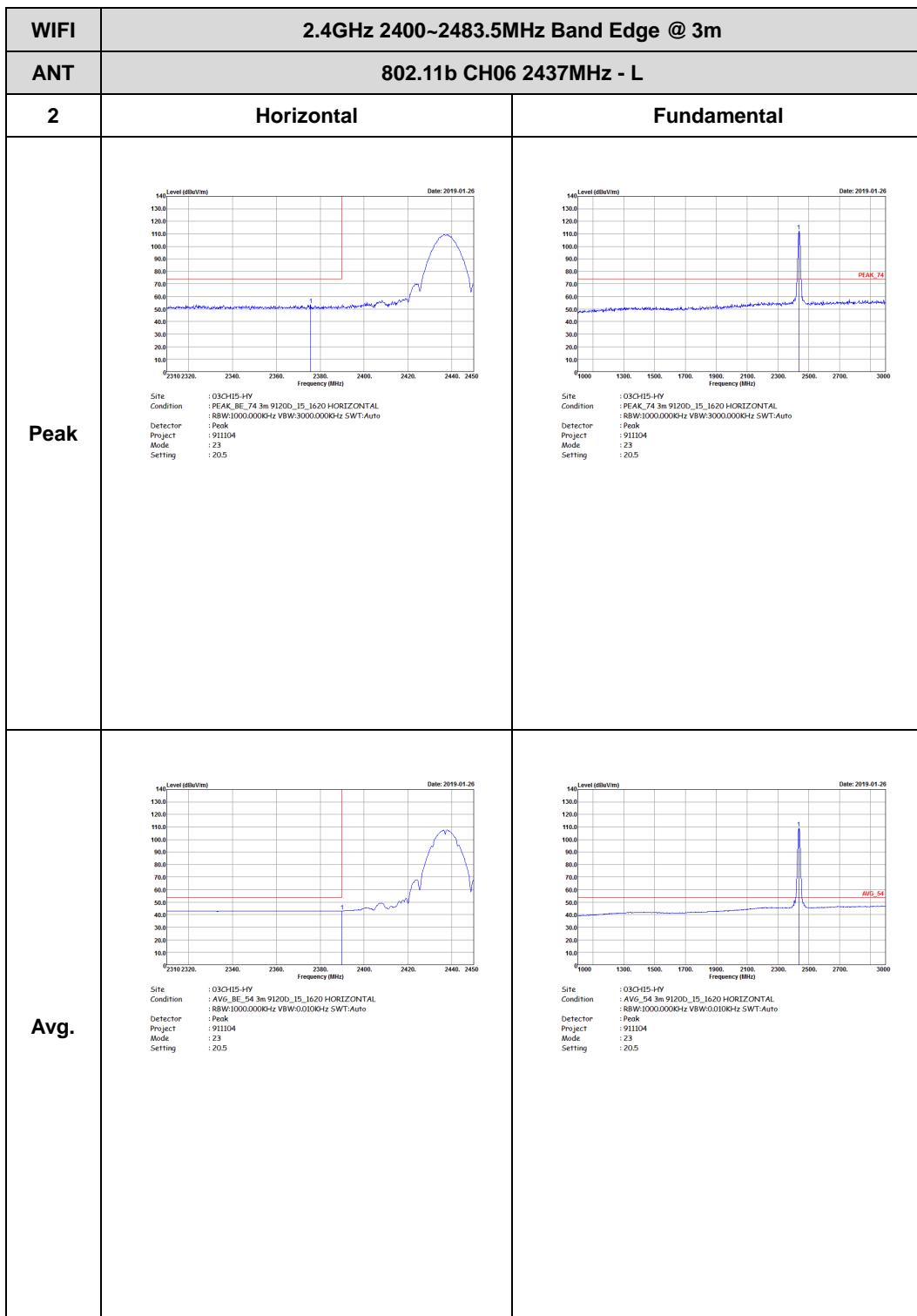


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11b (Band Edge @ 3m)

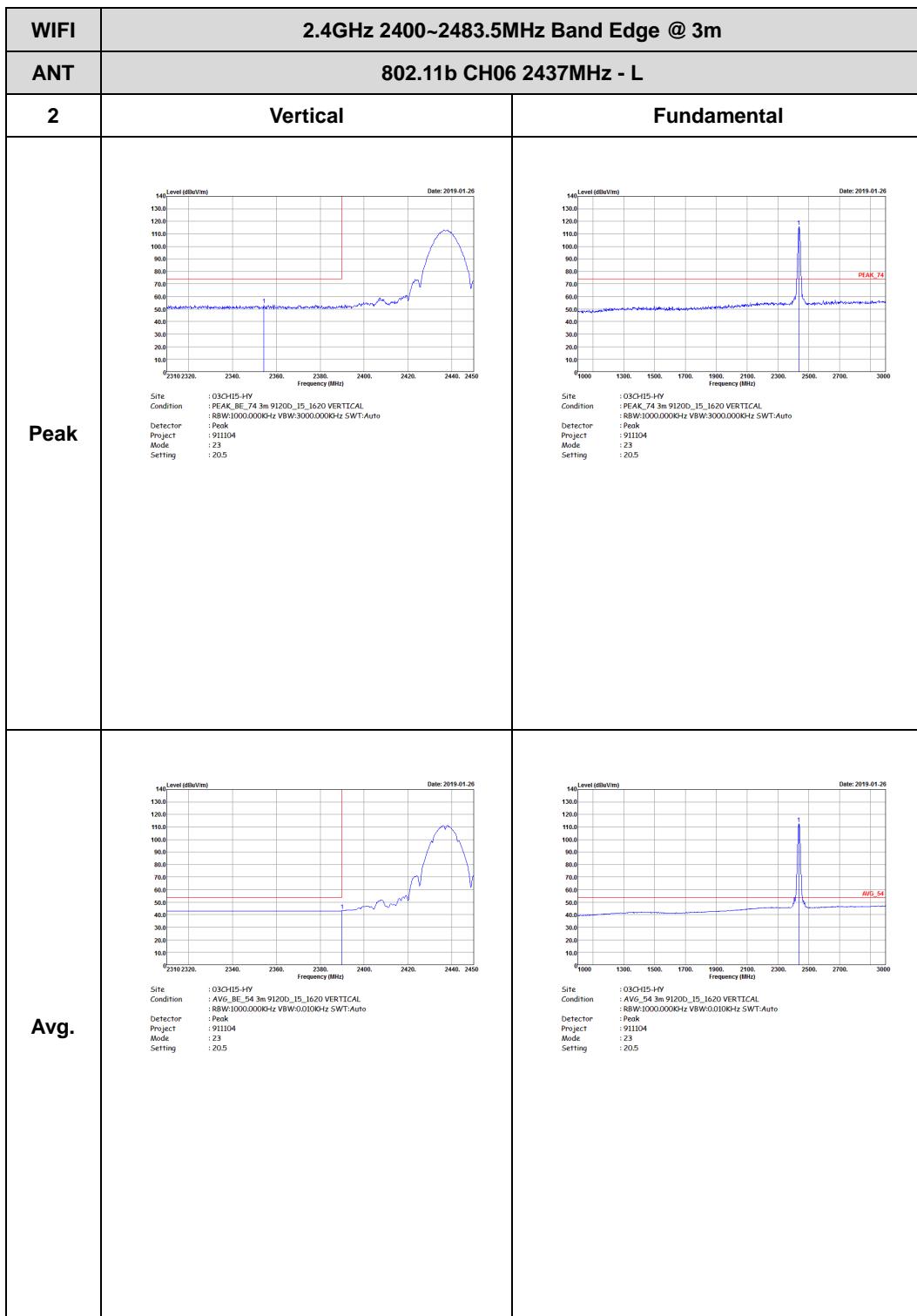
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 911104 Mode : 22 Setting : 21	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 911104 Mode : 22 Setting : 21
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911104 Mode : 22 Setting : 21	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911104 Mode : 22 Setting : 21





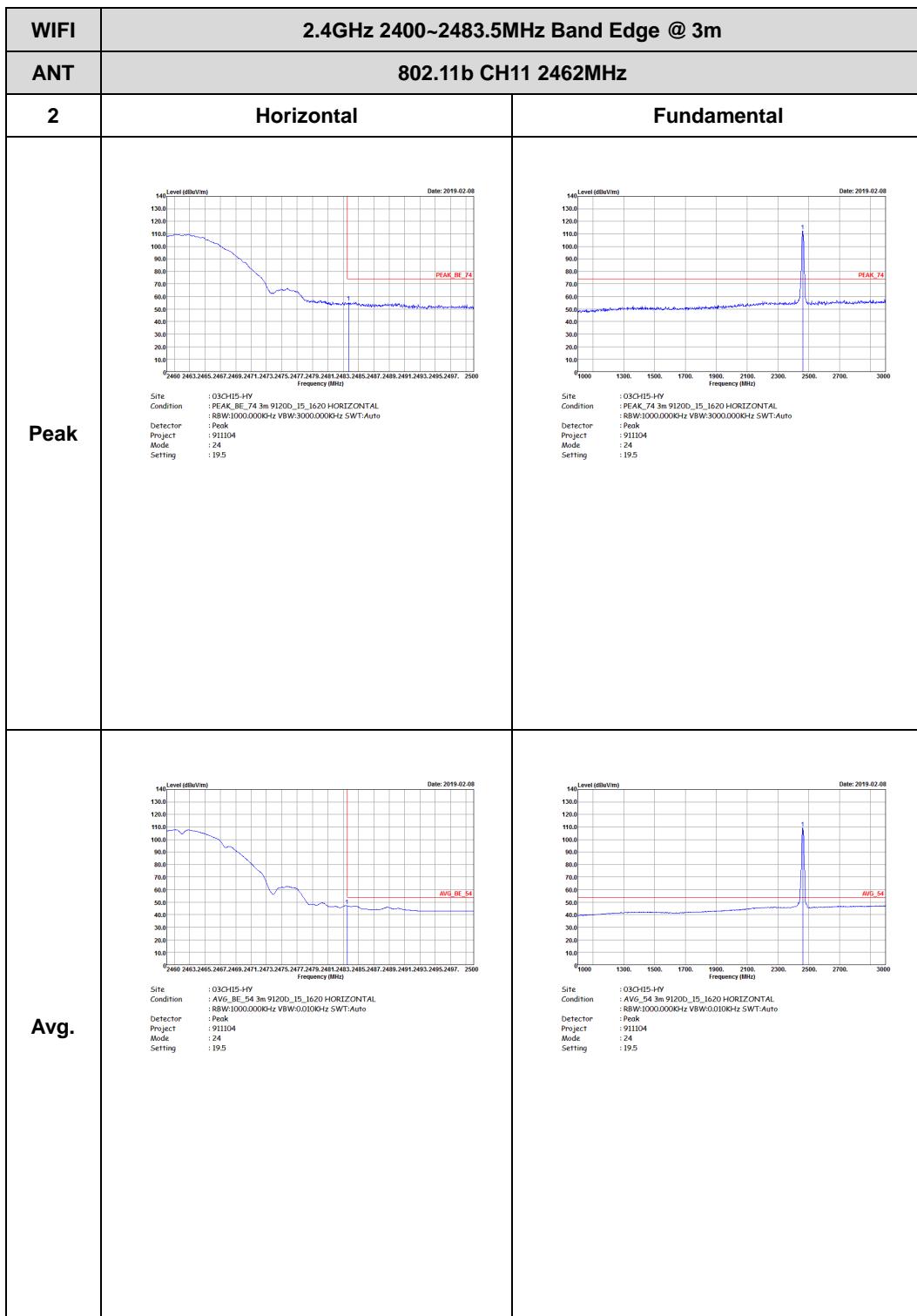


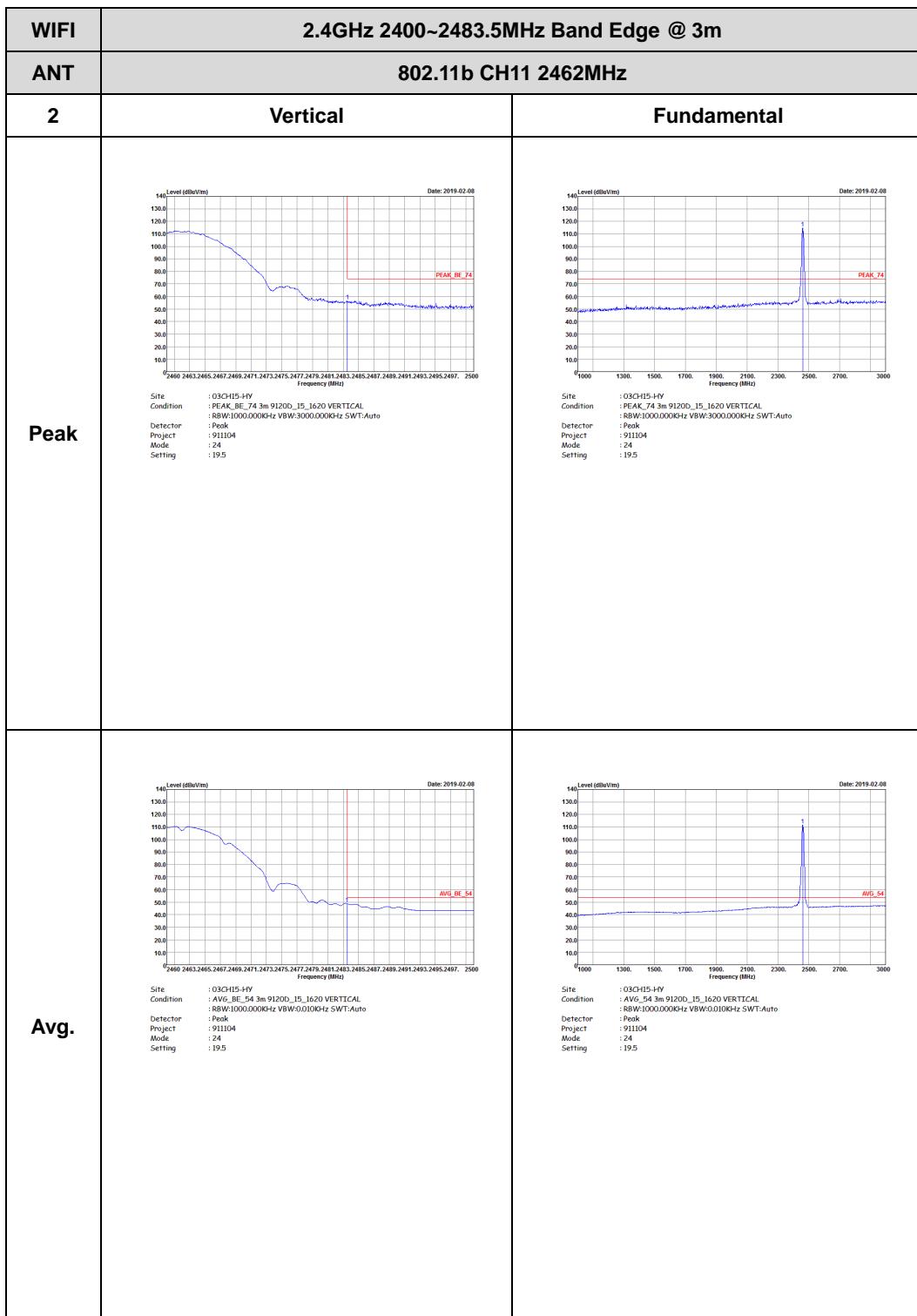
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 23 Setting : 20.5</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911104 Mode : 23 Setting : 20.5</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 23 Setting : 20.5</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911104 Mode : 23 Setting : 20.5</p>	Left blank

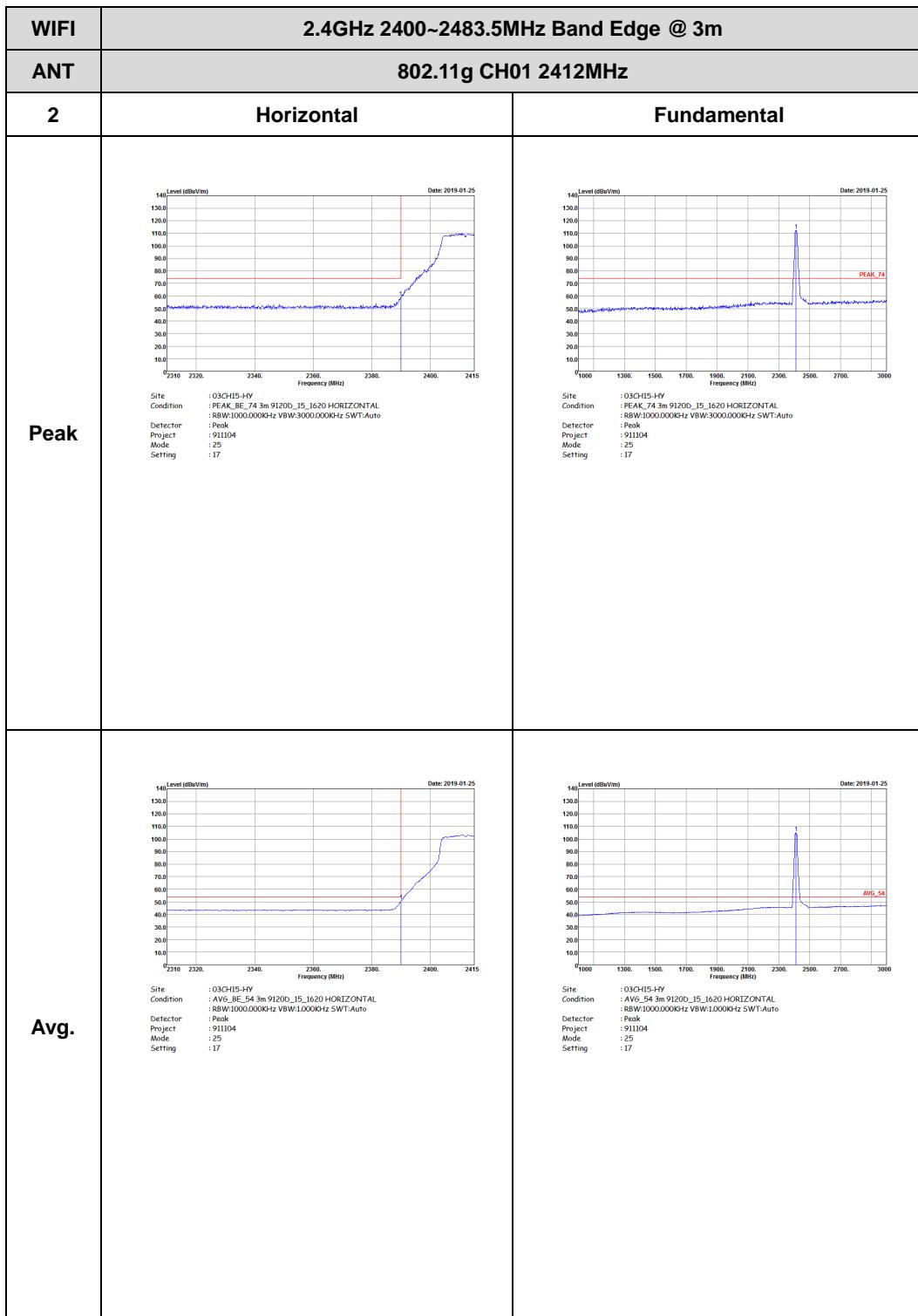


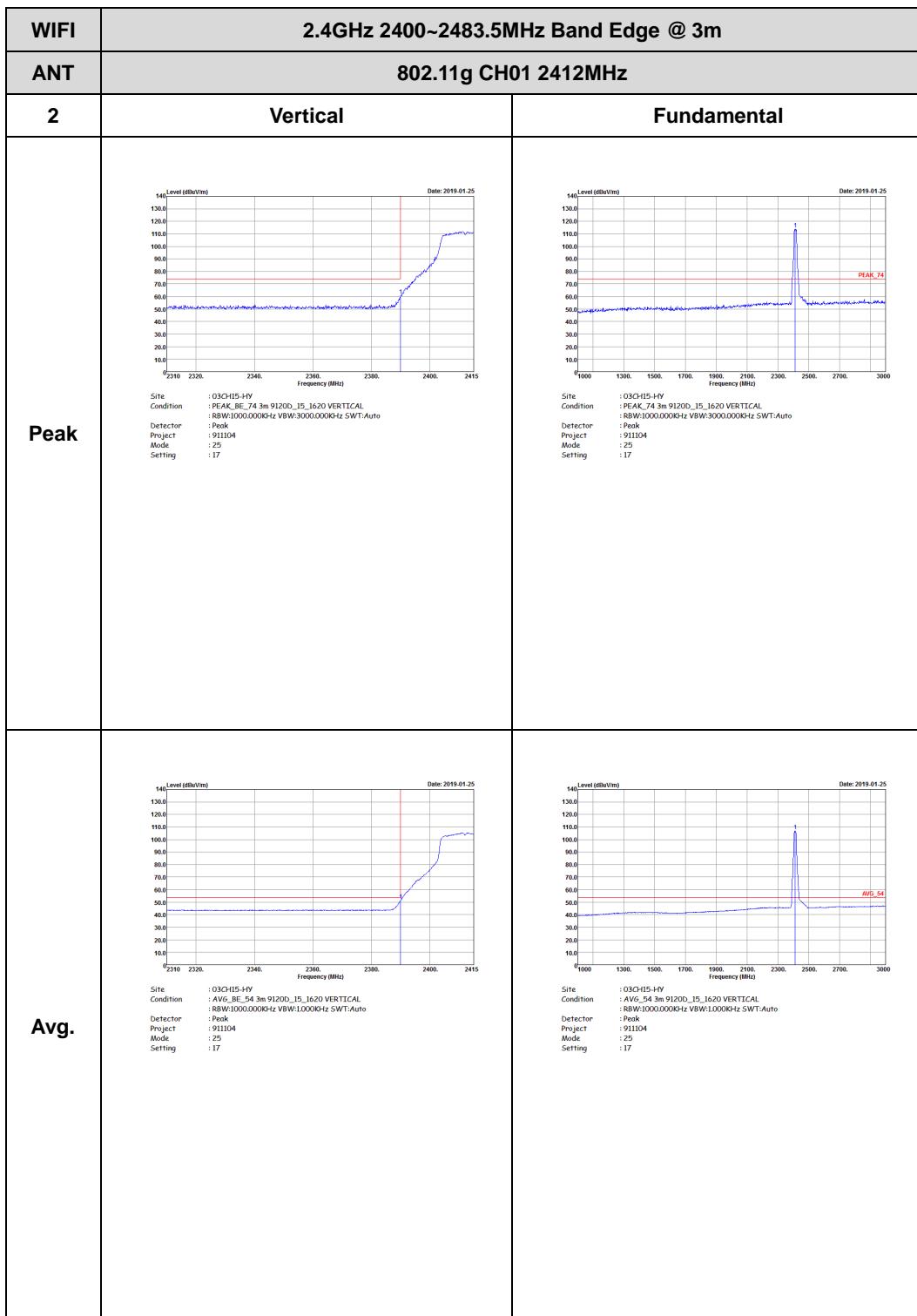


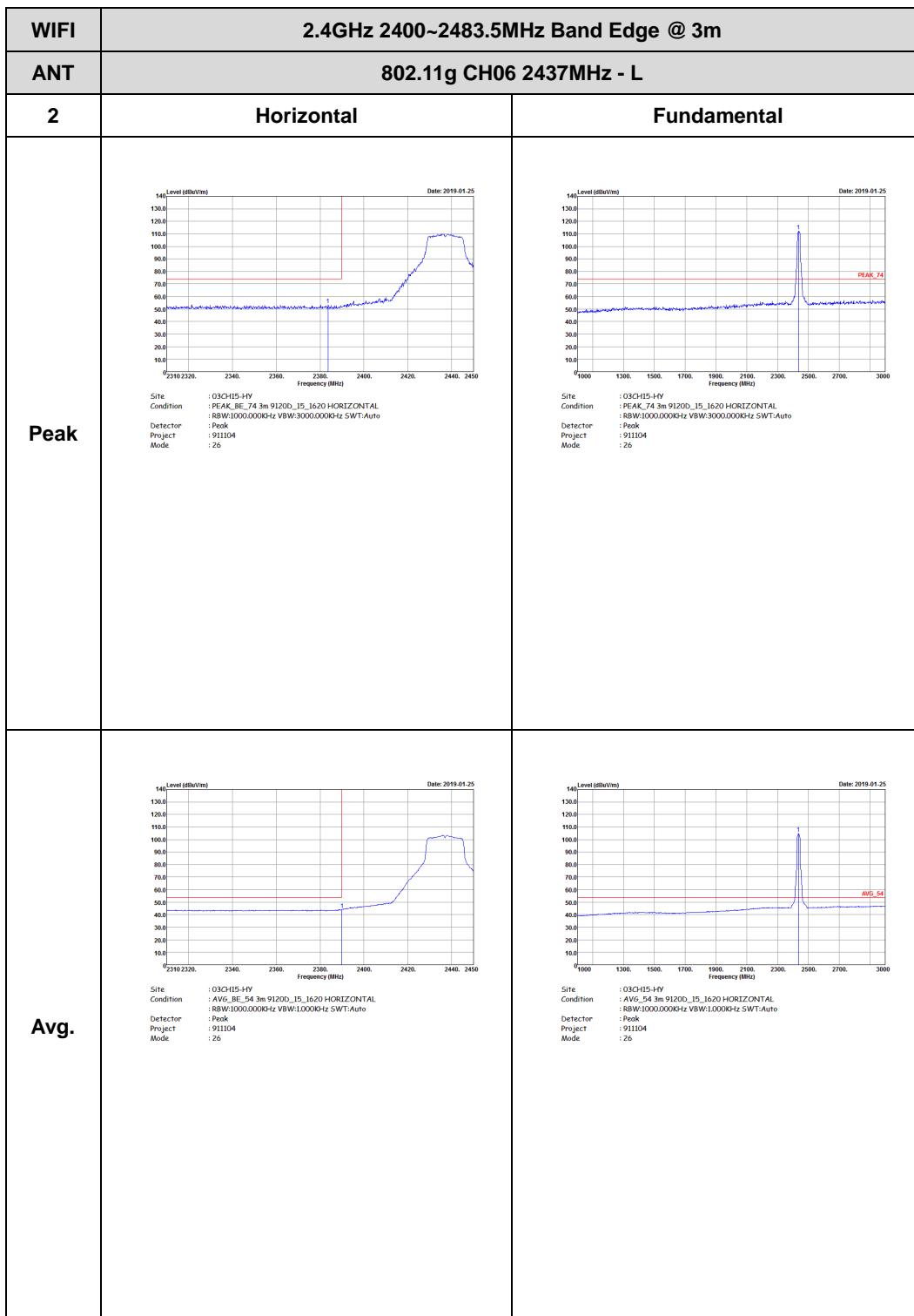


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11g (Band Edge @ 3m)

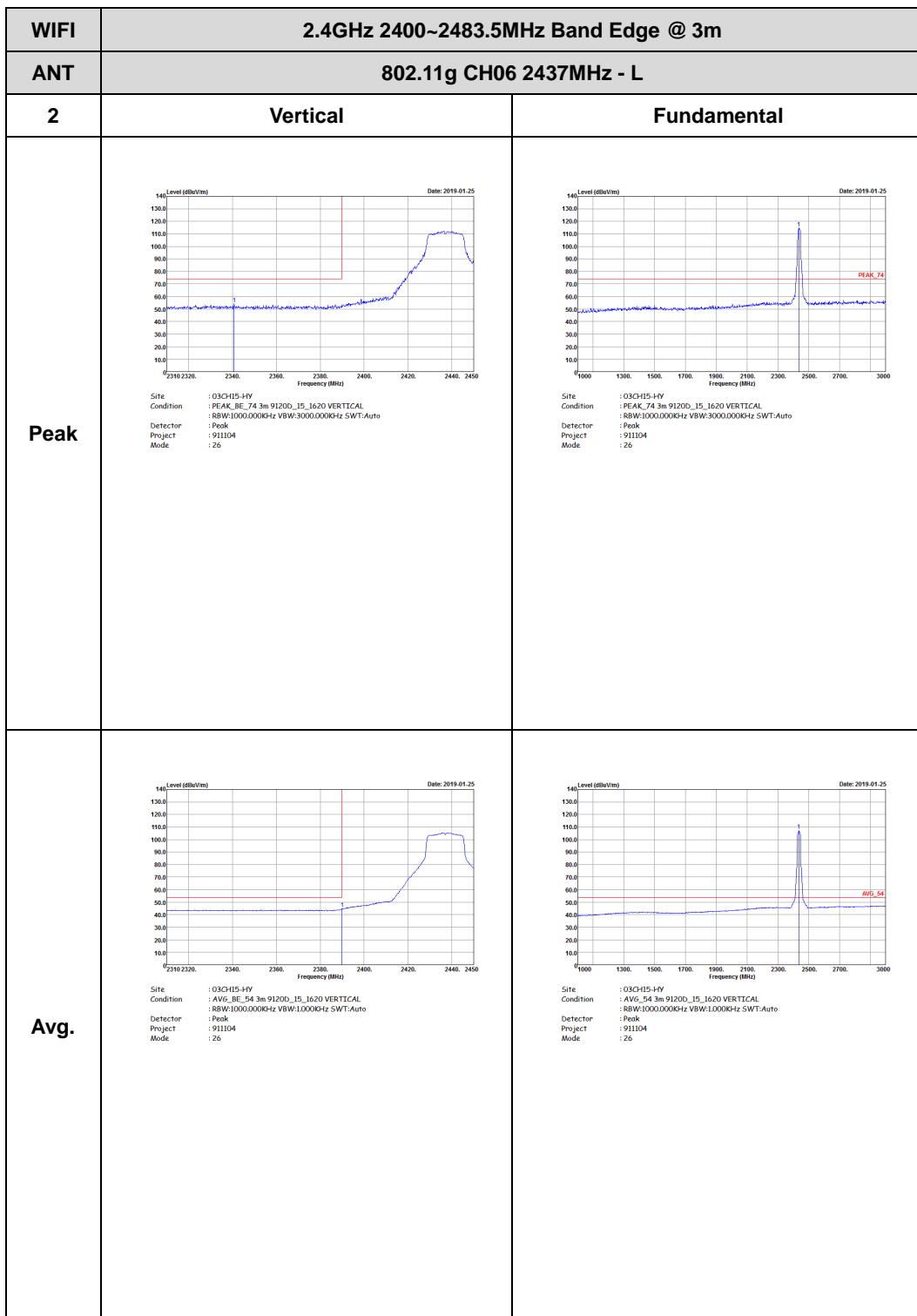




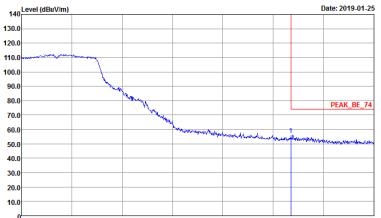


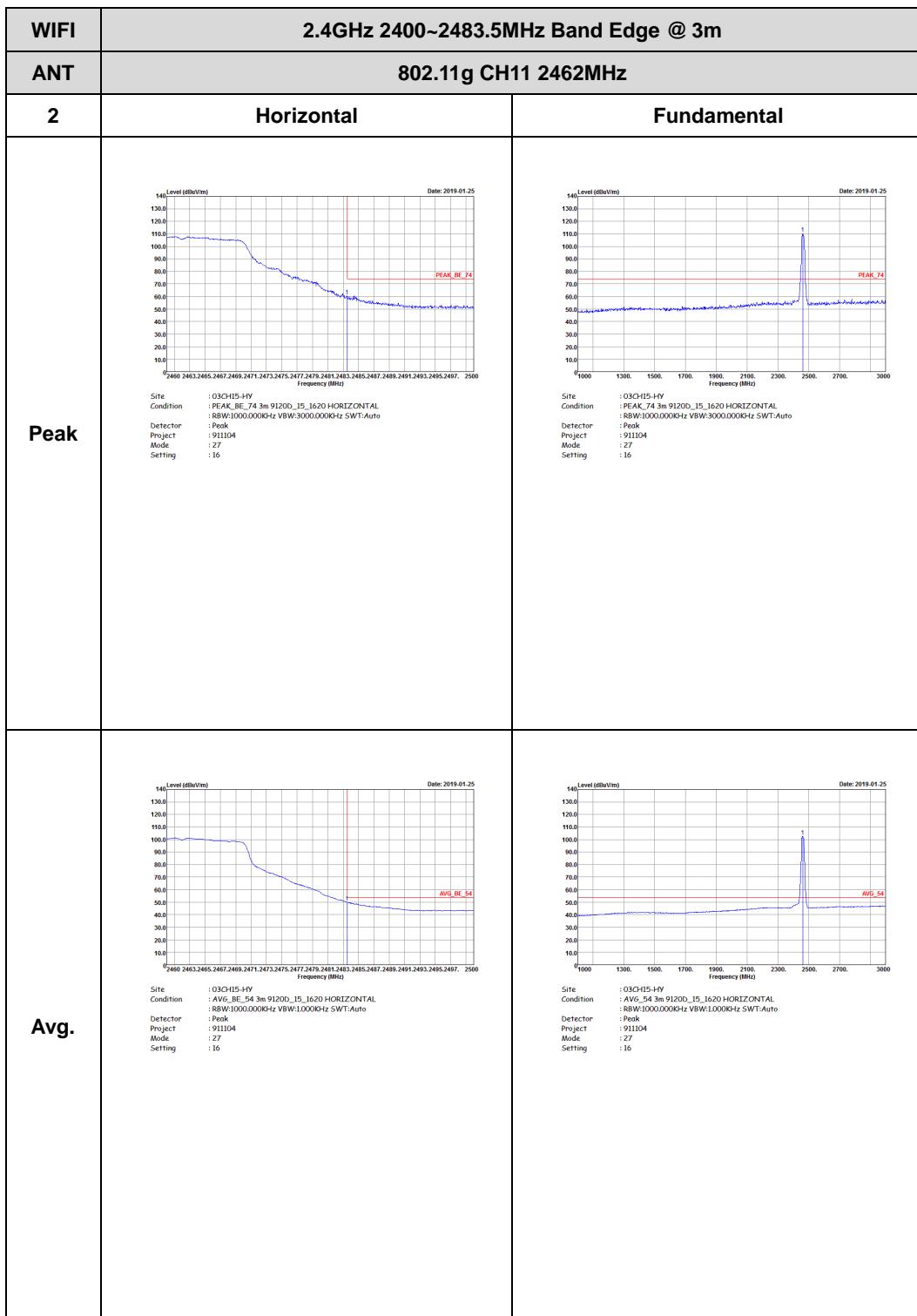


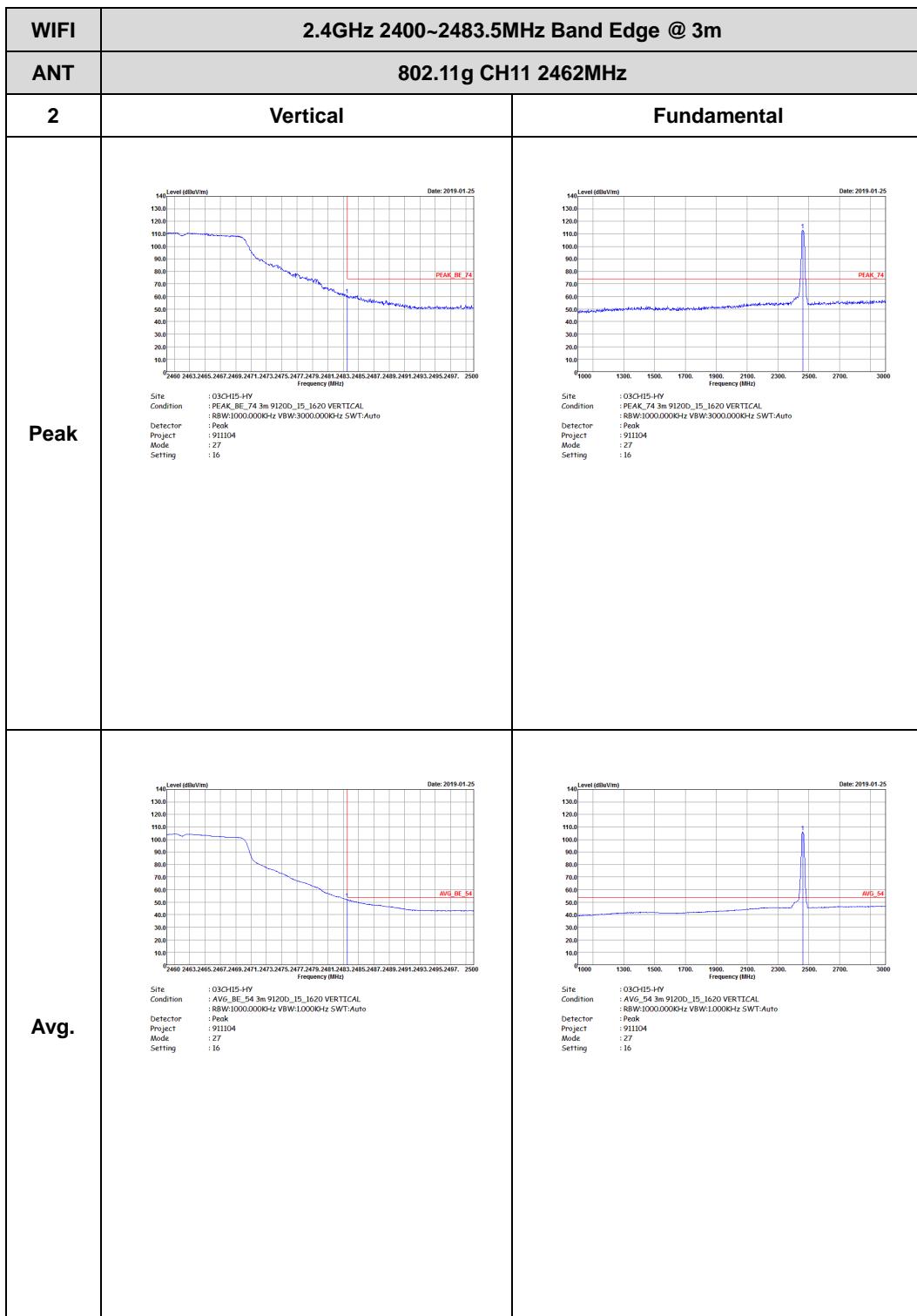
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	<p>Level (dBc/Vm)</p> <p>Frequency (MHz)</p> <p>Date: 2019-01-25</p> <p>PEAK_BE_74</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911104 Mode : 26</p>	Left blank
Avg.	<p>Level (dBc/Vm)</p> <p>Frequency (MHz)</p> <p>Date: 2019-01-25</p> <p>AVG_BE_54</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 26</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 26</p>	Left Blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:1.000KHz SWT:Auto Project : 911104 Mode : 26</p>	Left Blank



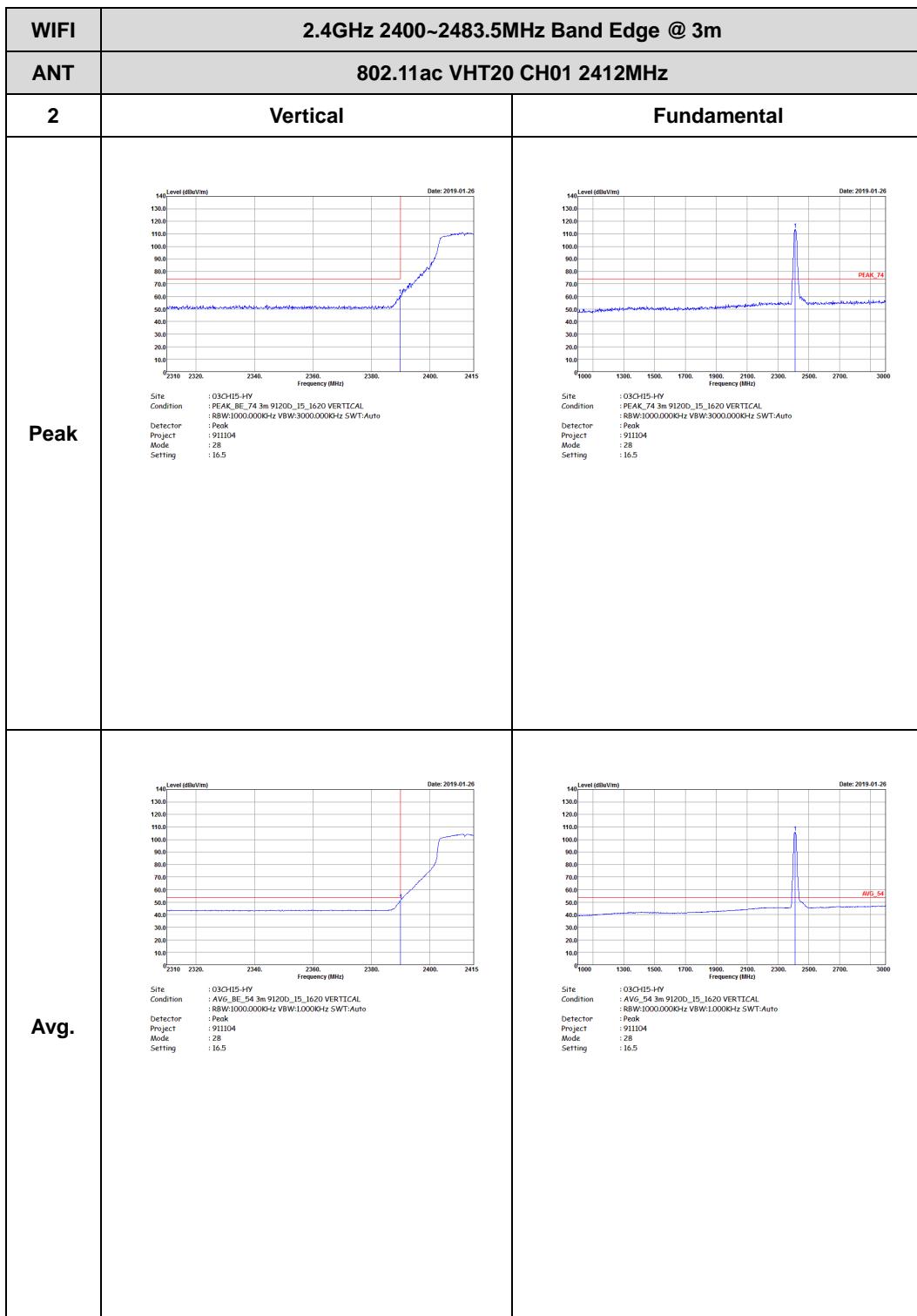


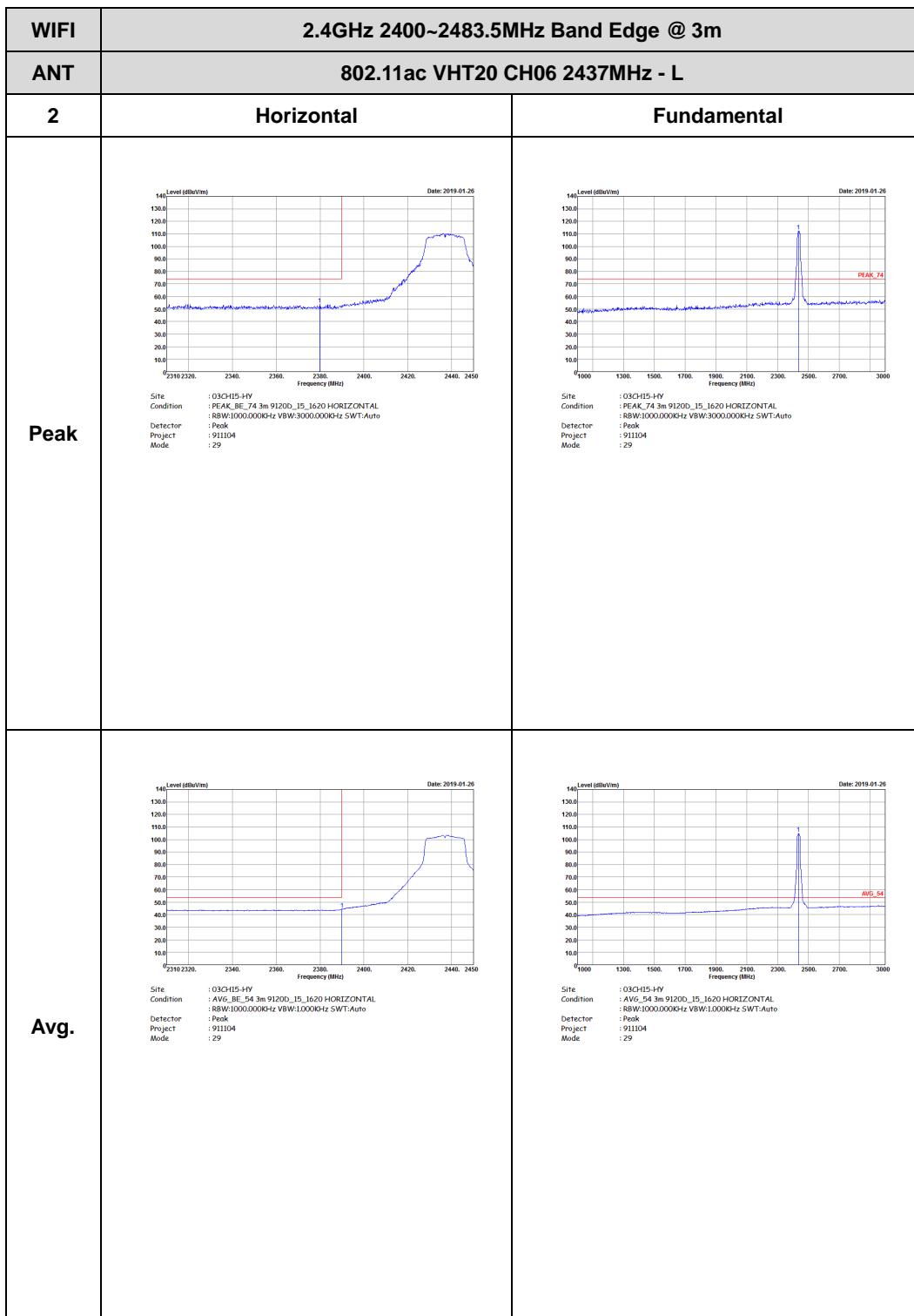


## 2.4GHz 2400~2483.5MHz

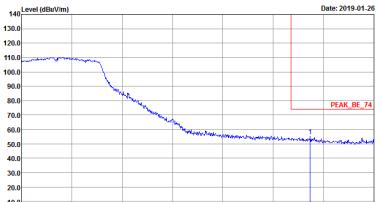
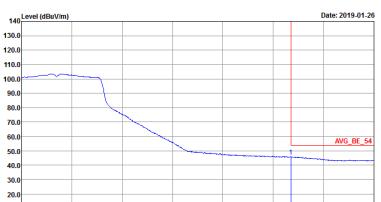
## WIFI 802.11ac VHT20 (Band Edge @ 3m)

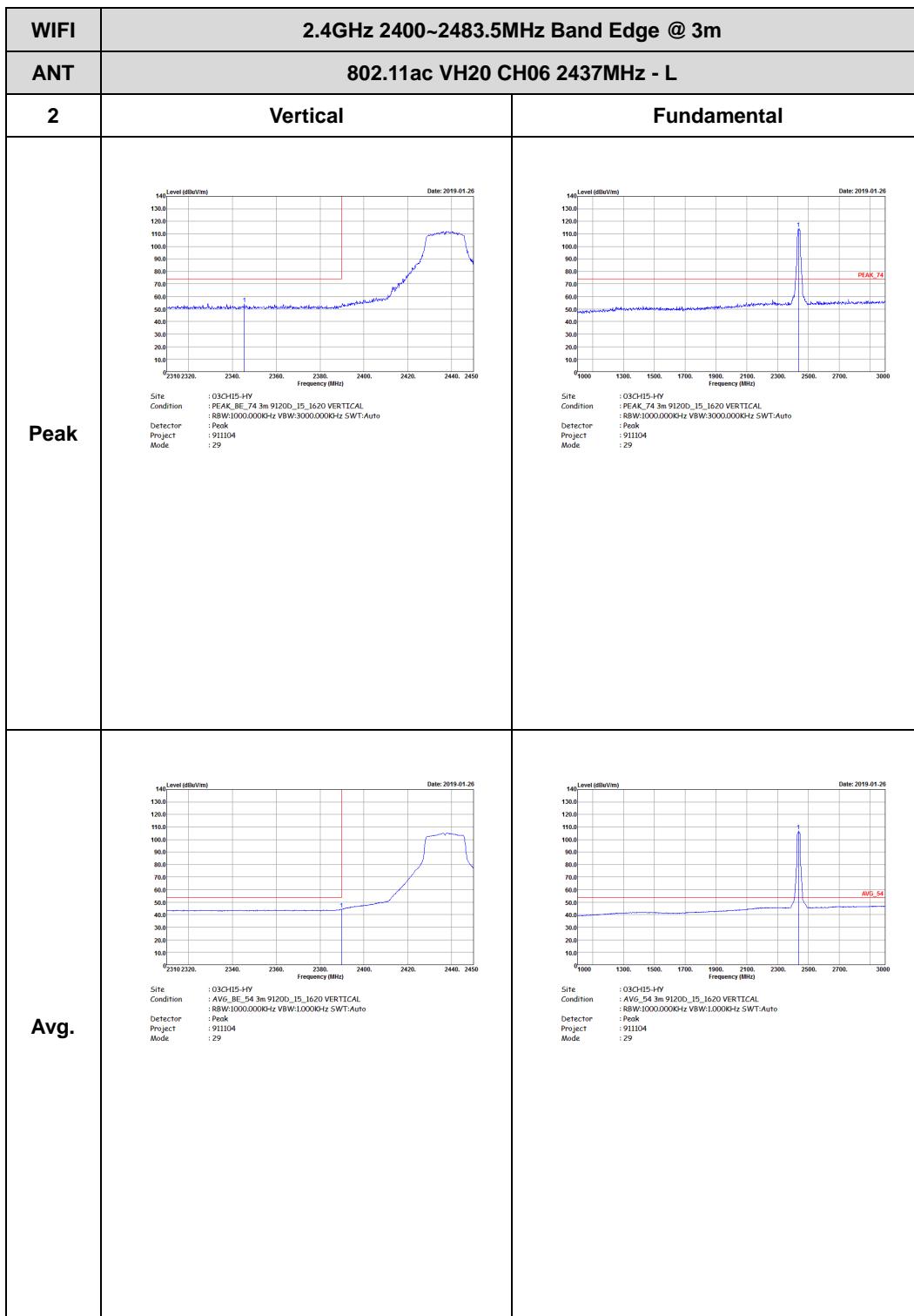
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74_3m_91200_15_1620_HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 91104 Mode : 28 Setting : 16.5	 Site : 03CH15-HY Condition : PEAK_74_3m_91200_15_1620_HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 91104 Mode : 28 Setting : 16.5
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54_3m_91200_15_1620_HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 91104 Mode : 28 Setting : 16.5	 Site : 03CH15-HY Condition : AVG_54_3m_91200_15_1620_HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 91104 Mode : 28 Setting : 16.5





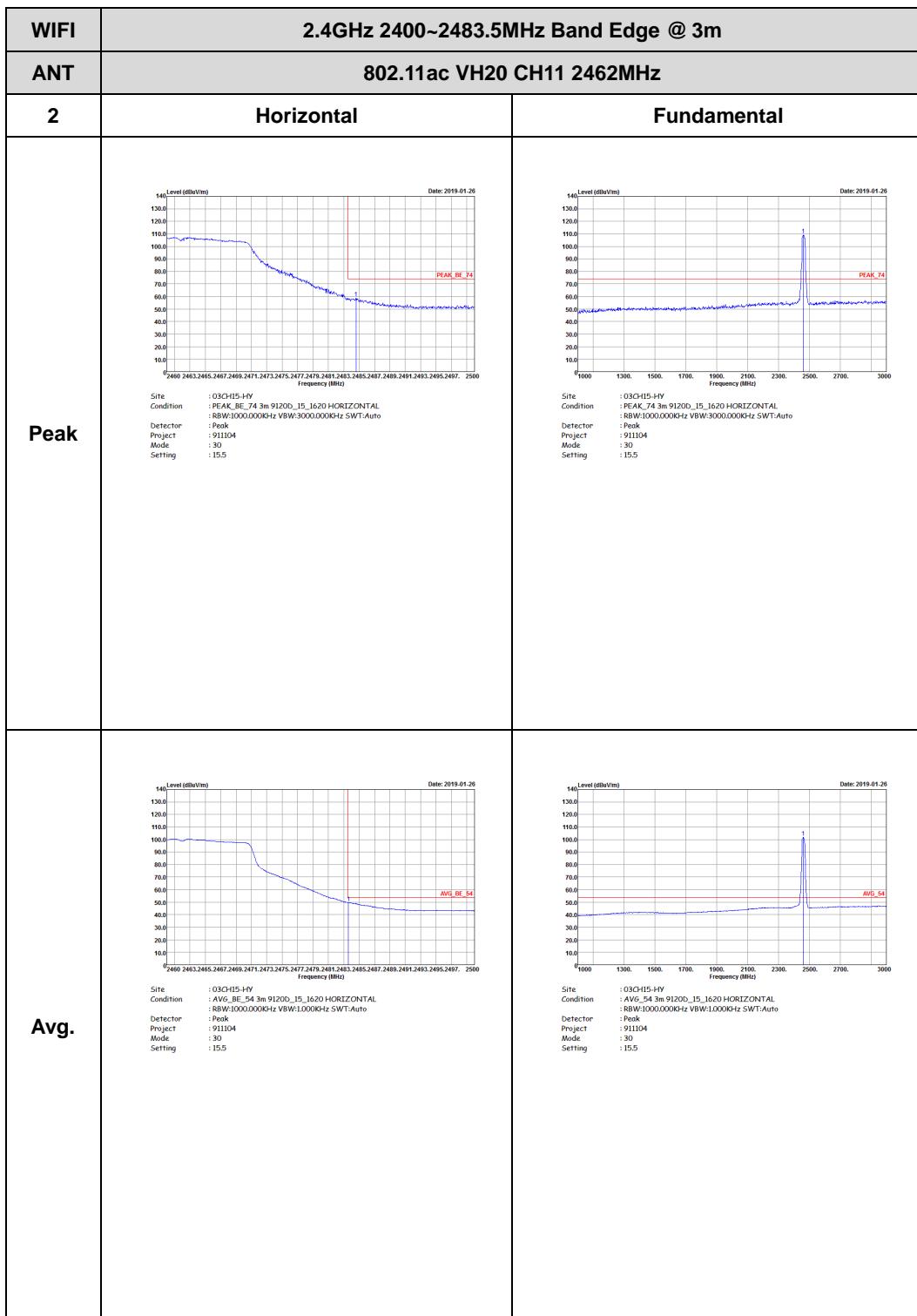


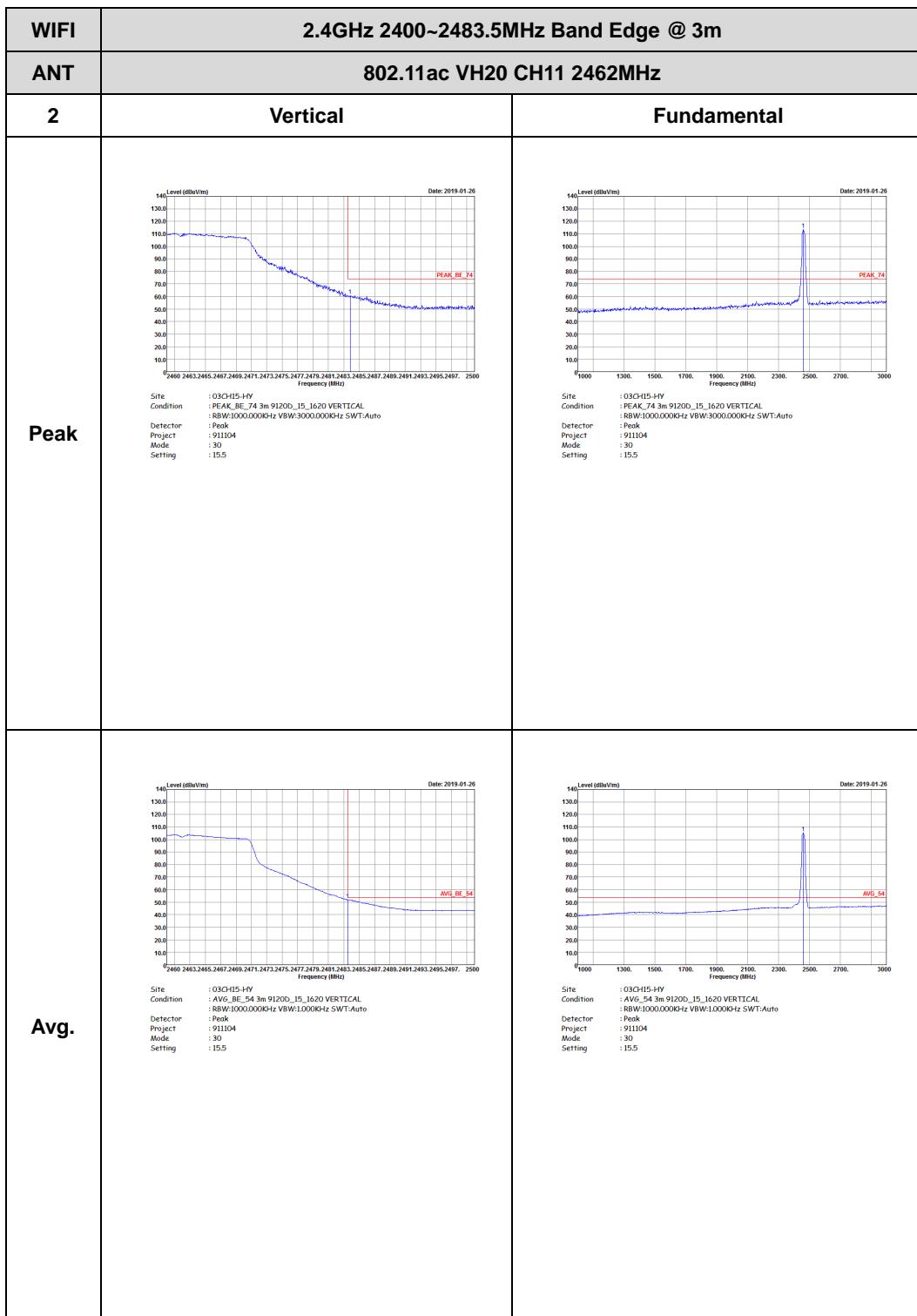
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 29</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:1.0000Hz SWT:Auto Project : 911104 Mode : 29</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	<p>Level (dBc/Vm)</p> <p>Frequency (MHz)</p> <p>Date: 2019-01-26</p> <p>PEAK_BE_74</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 29</p>	Left blank
Avg.	<p>Level (dBc/Vm)</p> <p>Frequency (MHz)</p> <p>Date: 2019-01-26</p> <p>Avg_BE_54</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:1.000KHz SWT:Auto Project : 911104 Mode : 29</p>	Left blank

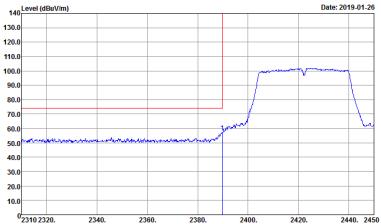
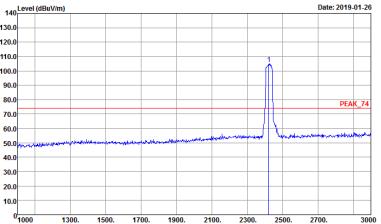
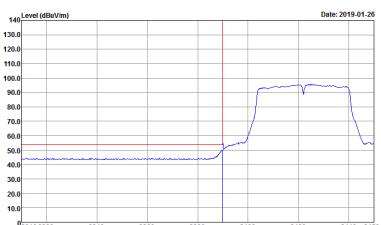
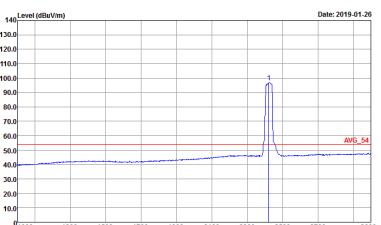






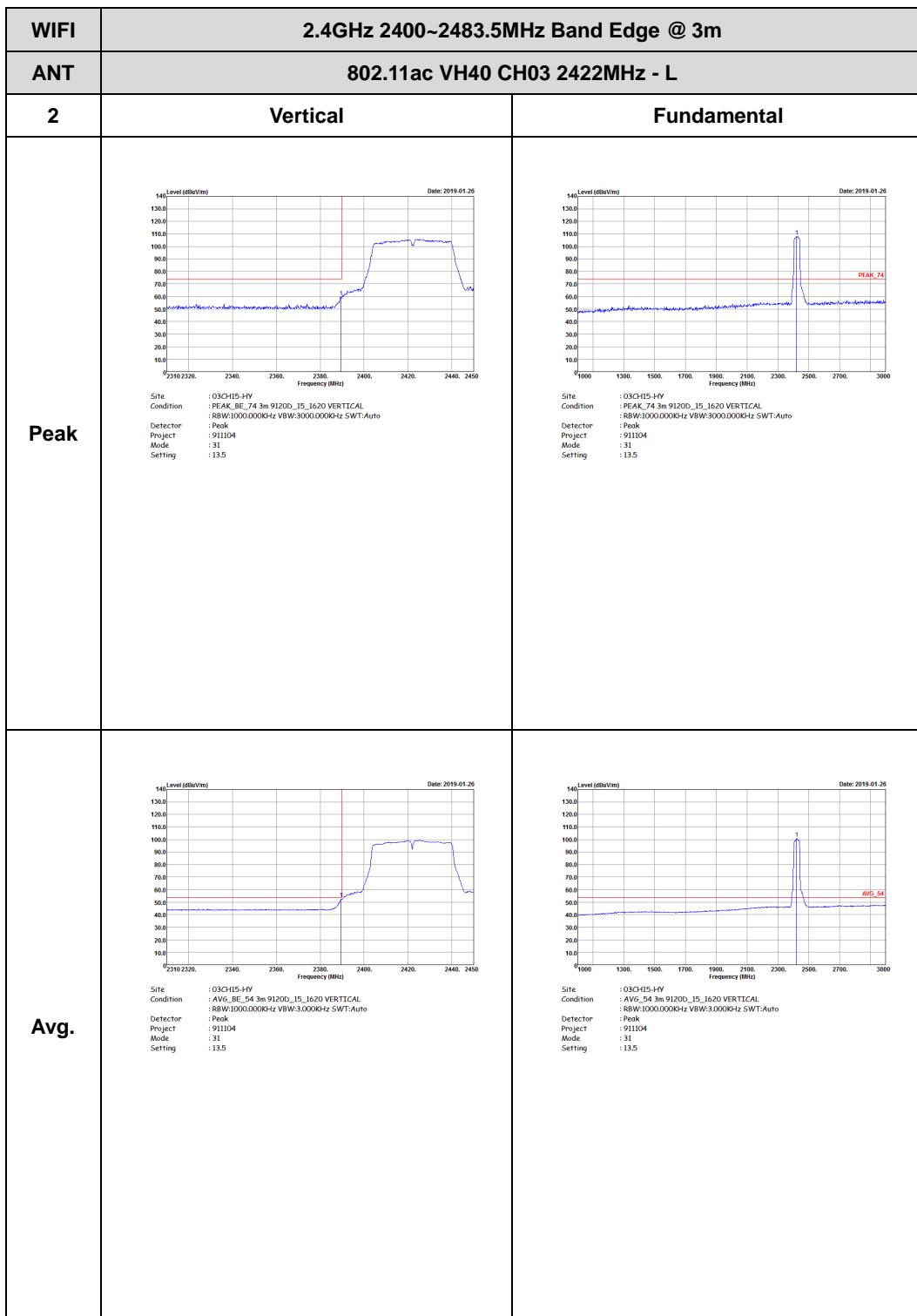
## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 911104 Mode : 31 Setting : 13.5	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 911104 Mode : 31 Setting : 13.5
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.0000Hz SWT:Auto Project : 911104 Mode : 31 Setting : 13.5	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 911104 Mode : 31 Setting : 13.5

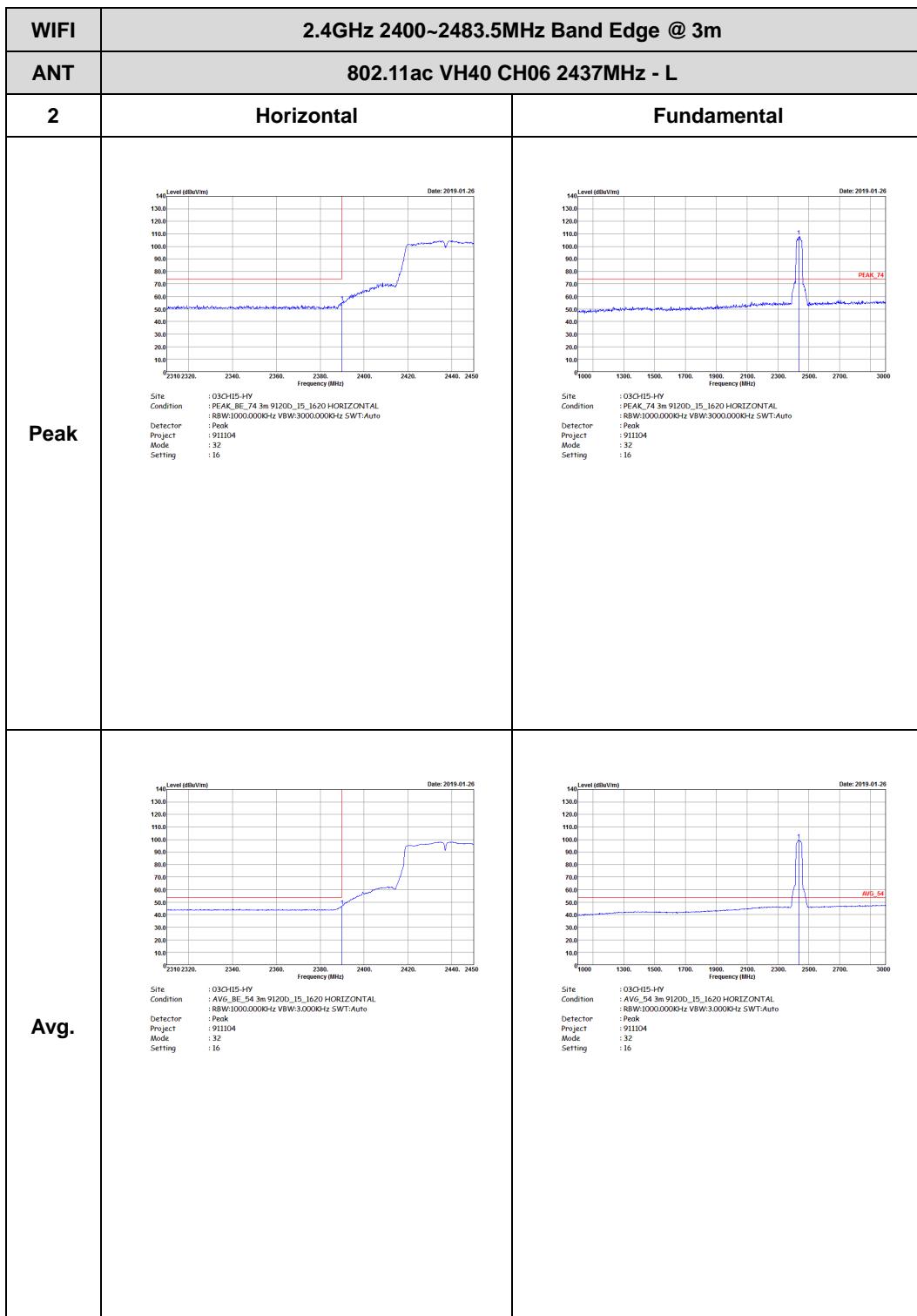


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
2	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911104 Mode : 31 Setting : 13.5</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 31 Setting : 13.5</p>	Left blank

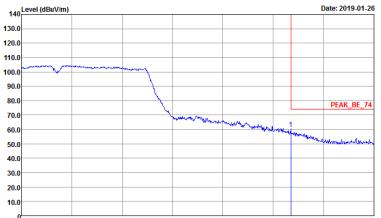


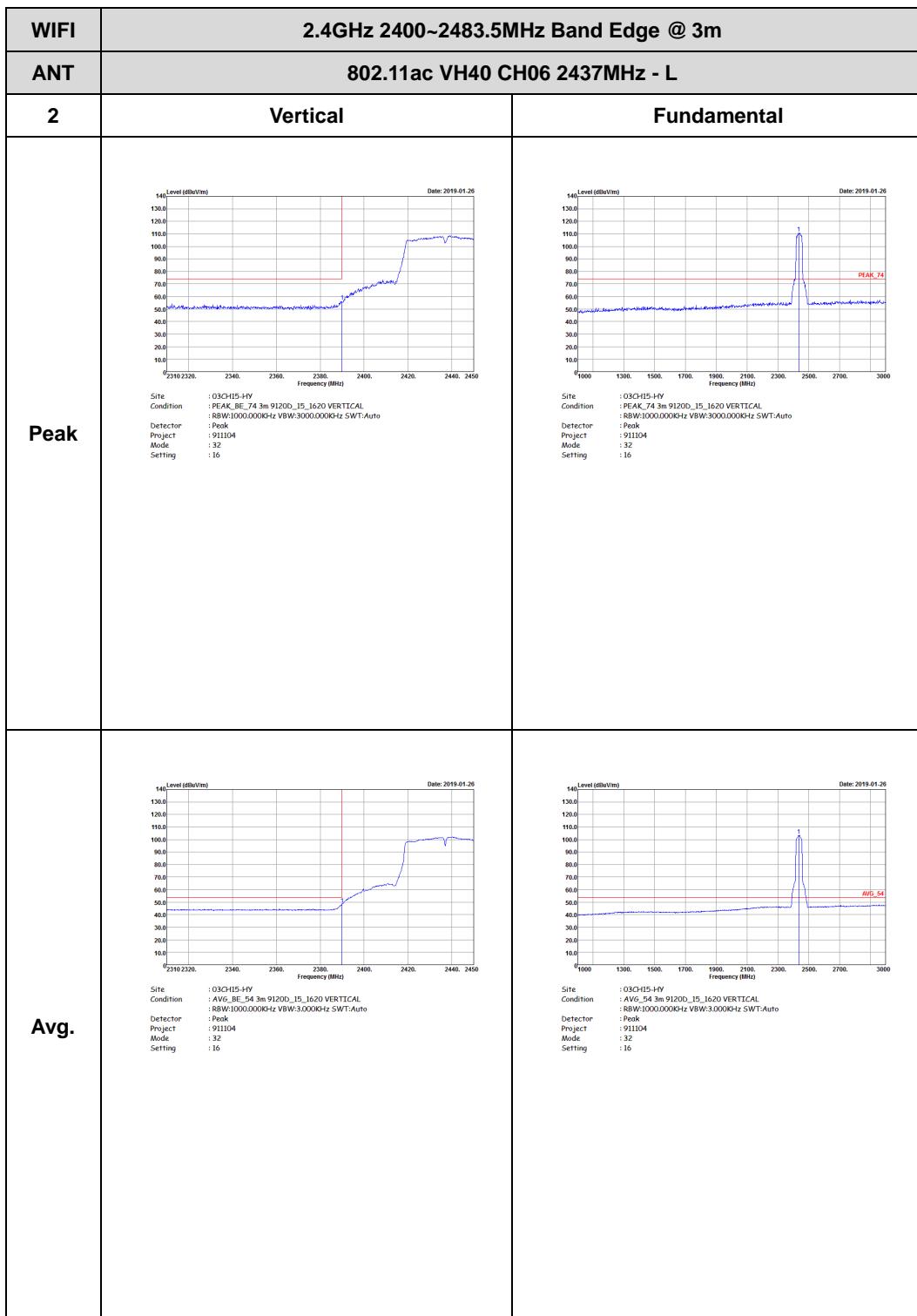


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
2	Vertical	Fundamental
Peak	<p>Graph showing Level (dBc/Vm) vs Frequency (MHz) for Peak measurement. The graph shows a sharp drop from ~100 dBc/Vm at 2430 MHz to ~60 dBc/Vm at 2450 MHz, followed by a gradual decline to ~50 dBc/Vm at 2480 MHz. A red vertical line marks the peak level at 2420 MHz.</p> <p>Date: 2019-01-26</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 31 Setting : 13.5</p>	Left blank
Avg.	<p>Graph showing Level (dBc/Vm) vs Frequency (MHz) for Average measurement. The graph shows a sharp drop from ~100 dBc/Vm at 2430 MHz to ~60 dBc/Vm at 2450 MHz, followed by a gradual decline to ~50 dBc/Vm at 2480 MHz. A red vertical line marks the average level at 2420 MHz.</p> <p>Date: 2019-01-26</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3.0000KHz SWT:Auto Project : 911104 Mode : 31 Setting : 13.5</p>	Left blank

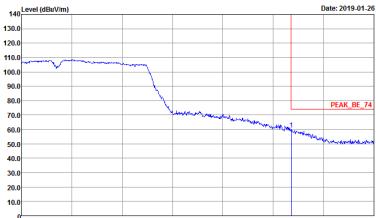


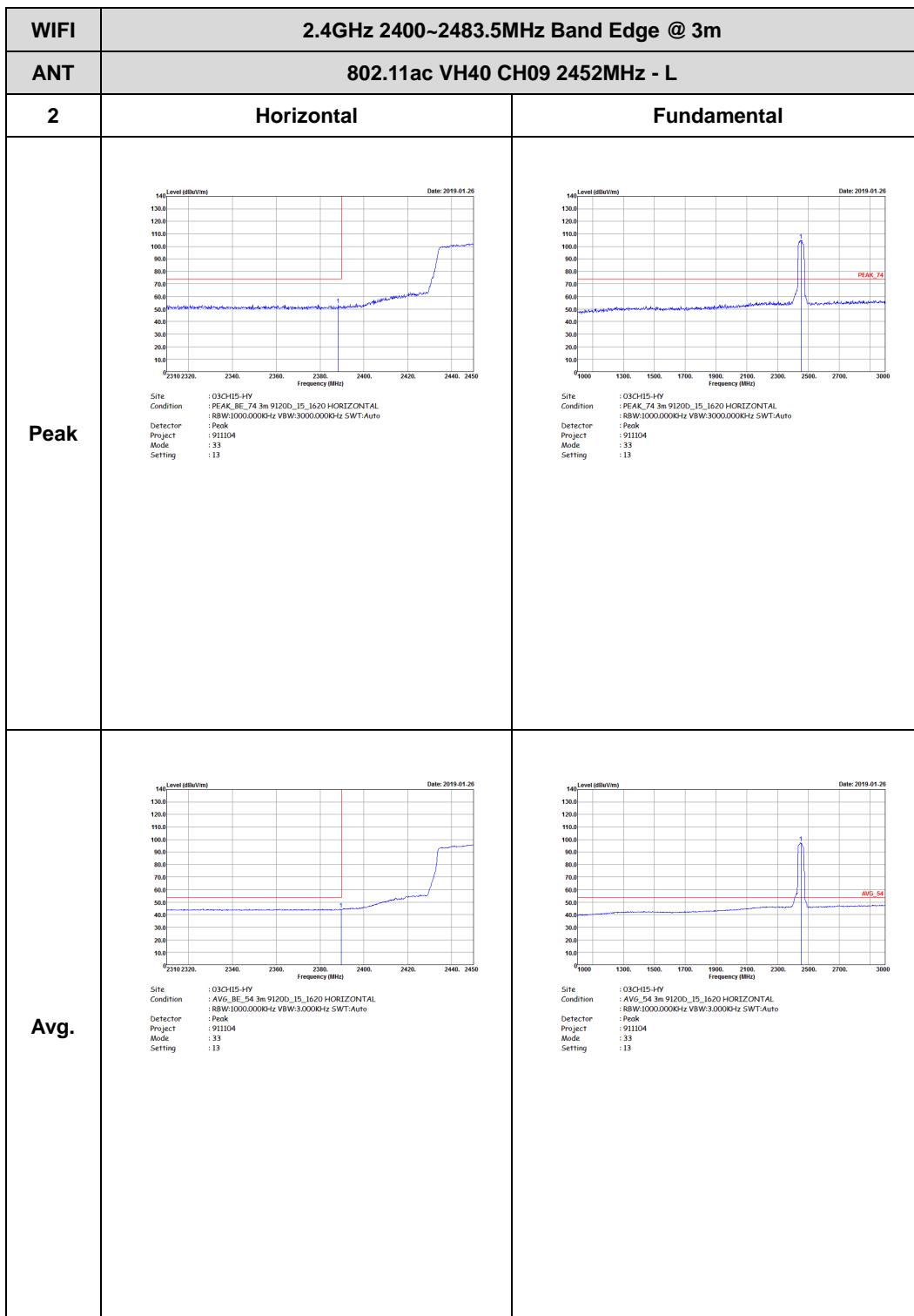


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911104 Mode : 32 Setting : 16</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 32 Setting : 16</p>	Left blank



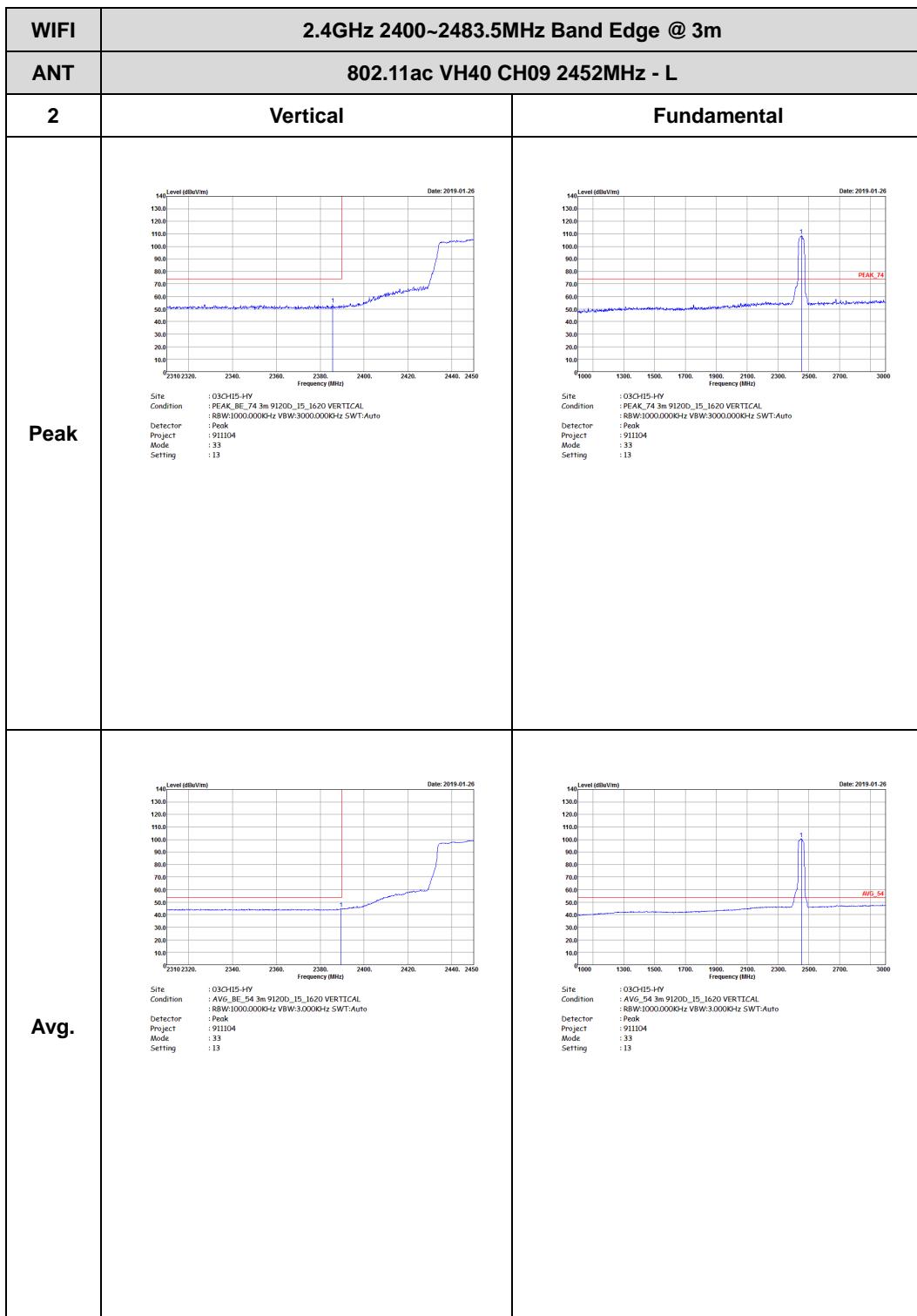


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 <p>Level (dBc/Vm)</p> <p>Frequency (MHz)</p> <p>Date: 2019-01-26</p> <p>PEAK_BE_74</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 32 Setting : 16</p>	Left blank
Avg.	 <p>Level (dBc/Vm)</p> <p>Frequency (MHz)</p> <p>Date: 2019-01-26</p> <p>AVG_BE_54</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3.0000KHz SWT:Auto Project : 911104 Mode : 32 Setting : 16</p>	Left blank

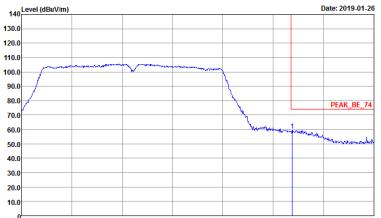
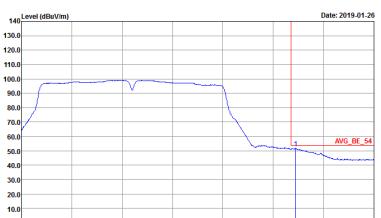




WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - R	
2	Horizontal	Fundamental
Peak	 Date: 2019-01-26 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911104 Mode : 33 Setting : 13	Left blank
Avg.	 Date: 2019-01-26 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 33 Setting : 13	Left blank



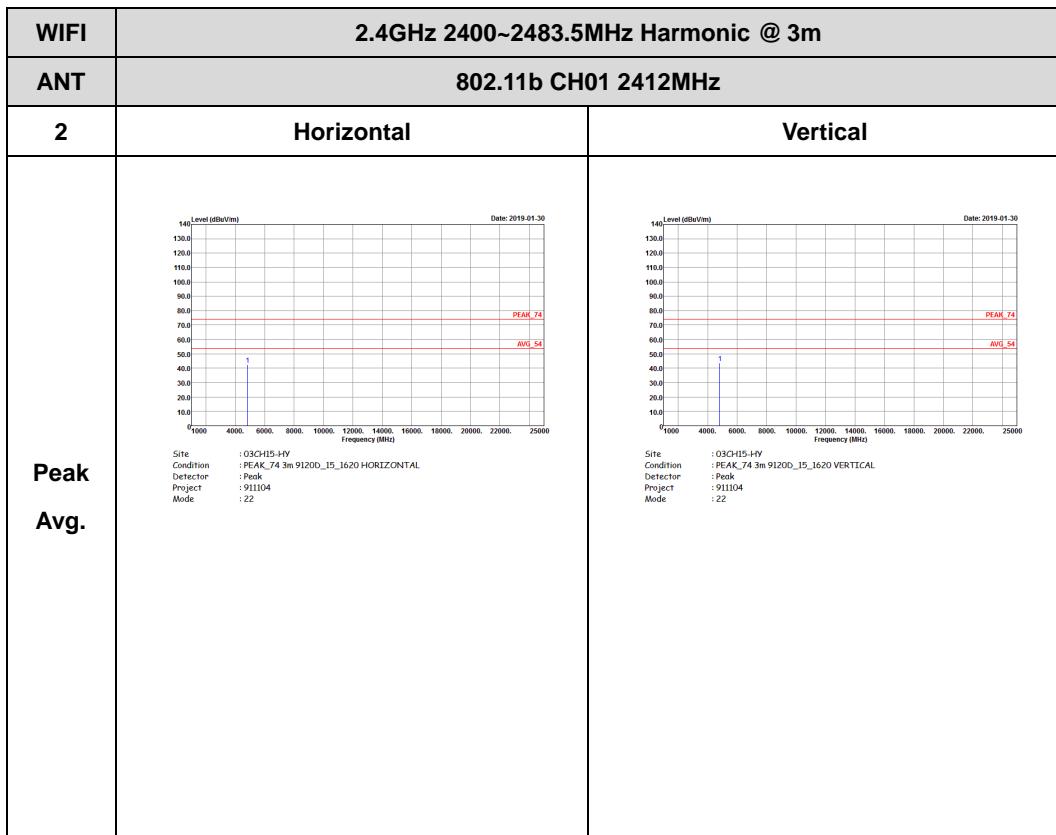


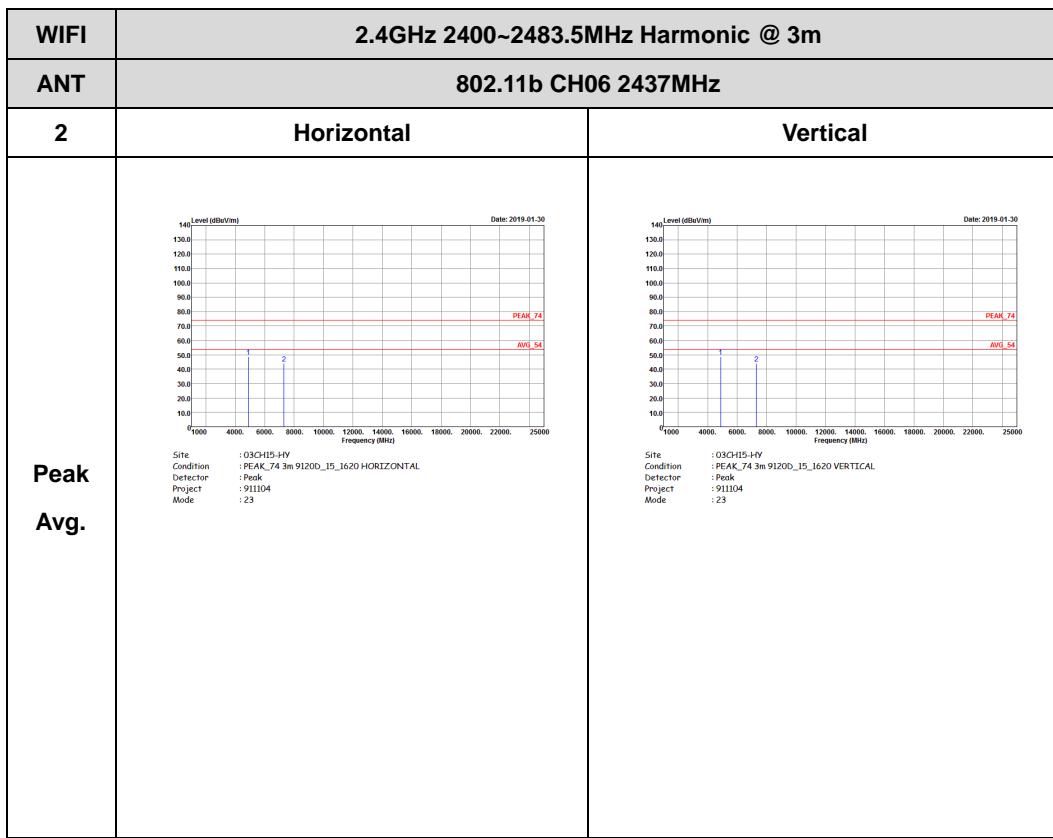
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - R	
2	Vertical	Fundamental
Peak	 <p>Level (dBm/Vm)</p> <p>Date: 2019-01-26</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 33 Setting : 13</p>	Left blank
Avg.	 <p>Level (dBm/Vm)</p> <p>Date: 2019-01-26</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3.0000Hz SWT:Auto Project : 911104 Mode : 33 Setting : 13</p>	Left blank

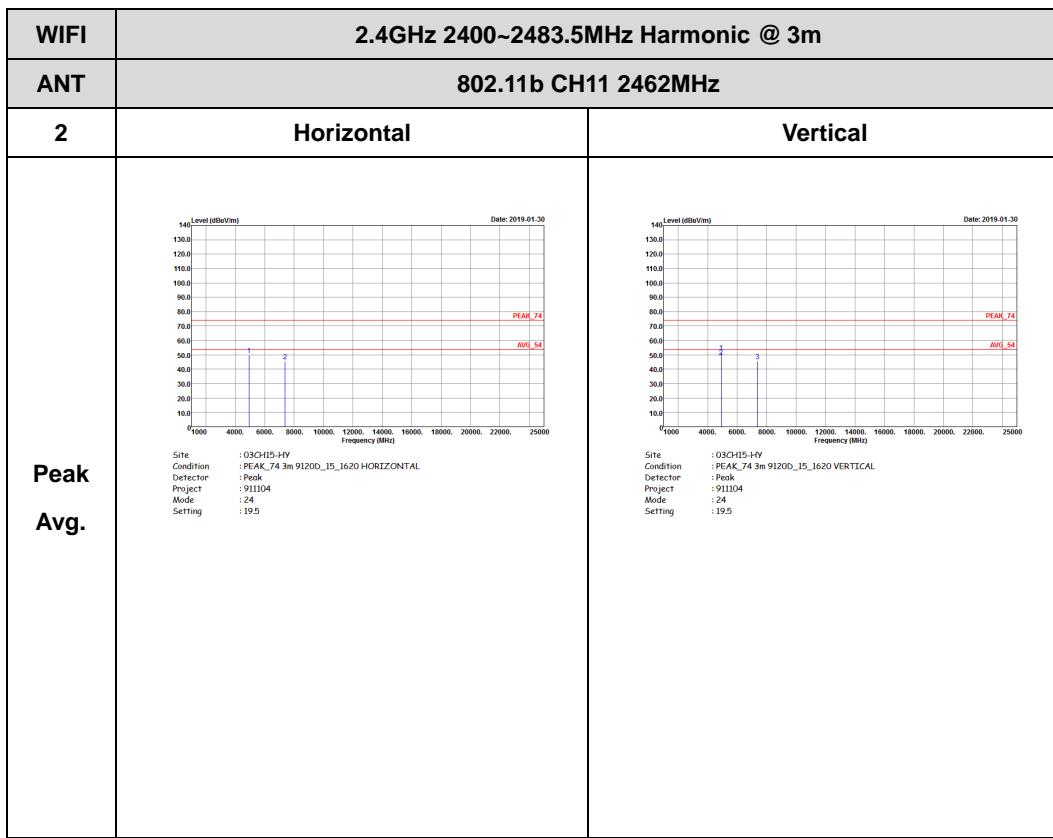


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11b (Harmonic @ 3m)



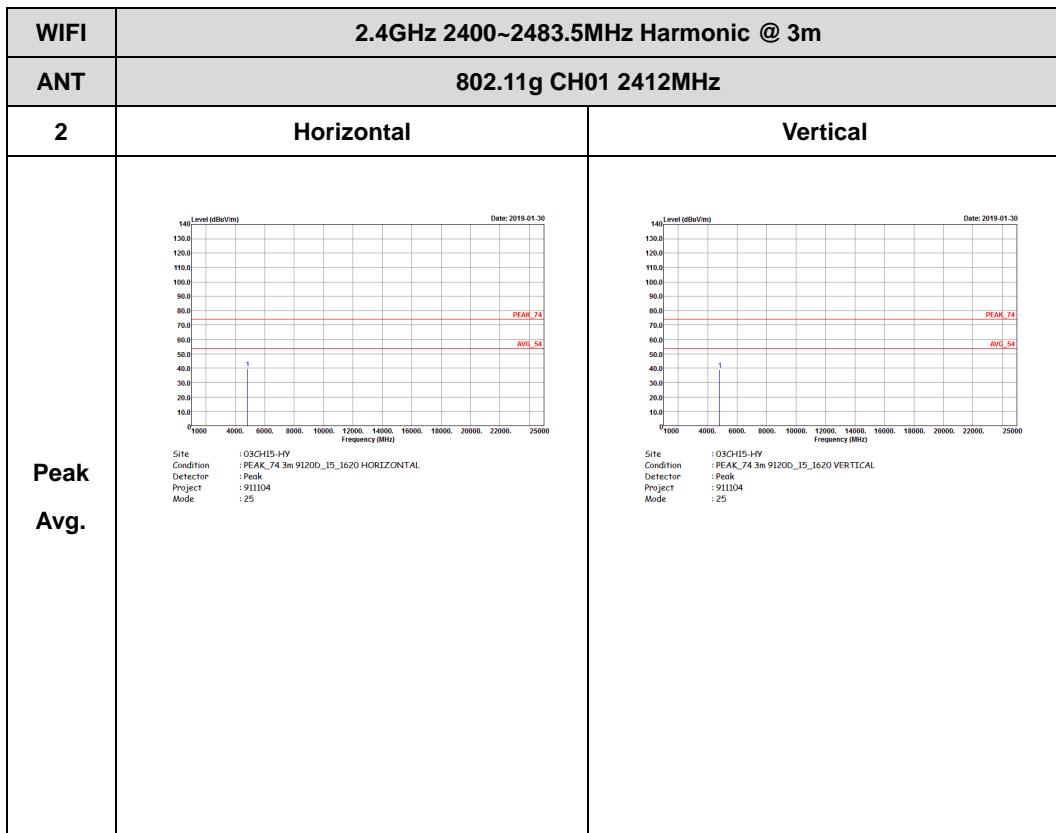


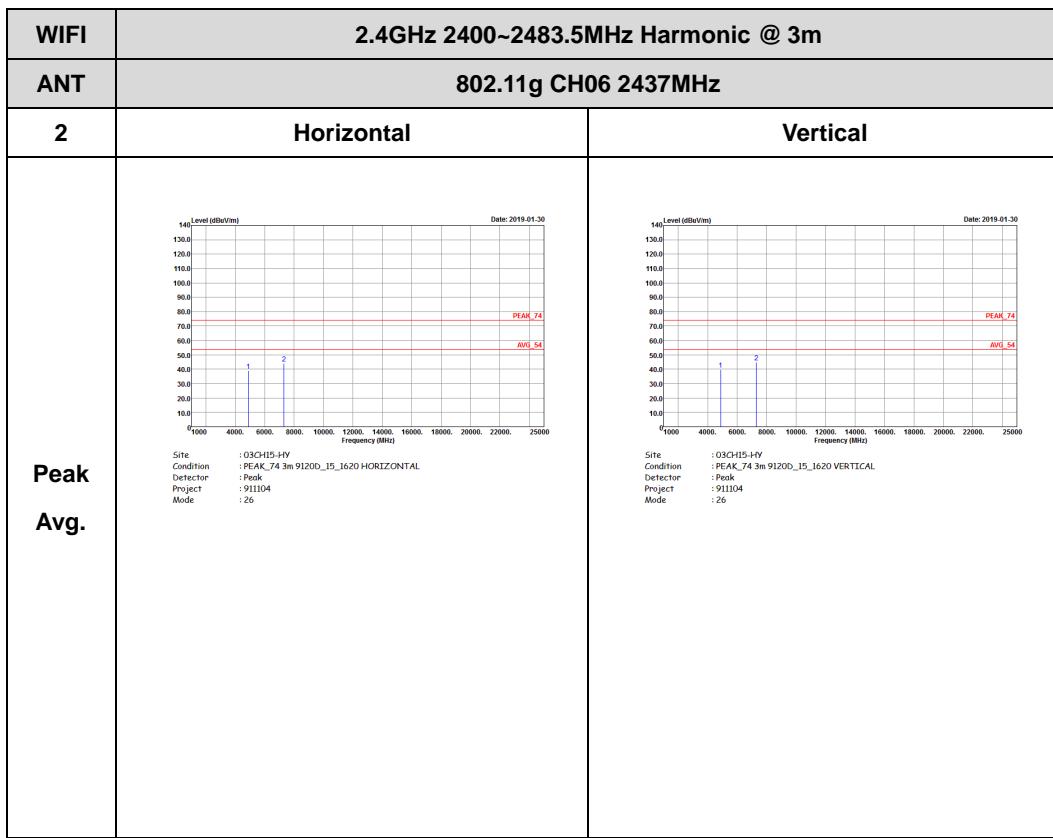


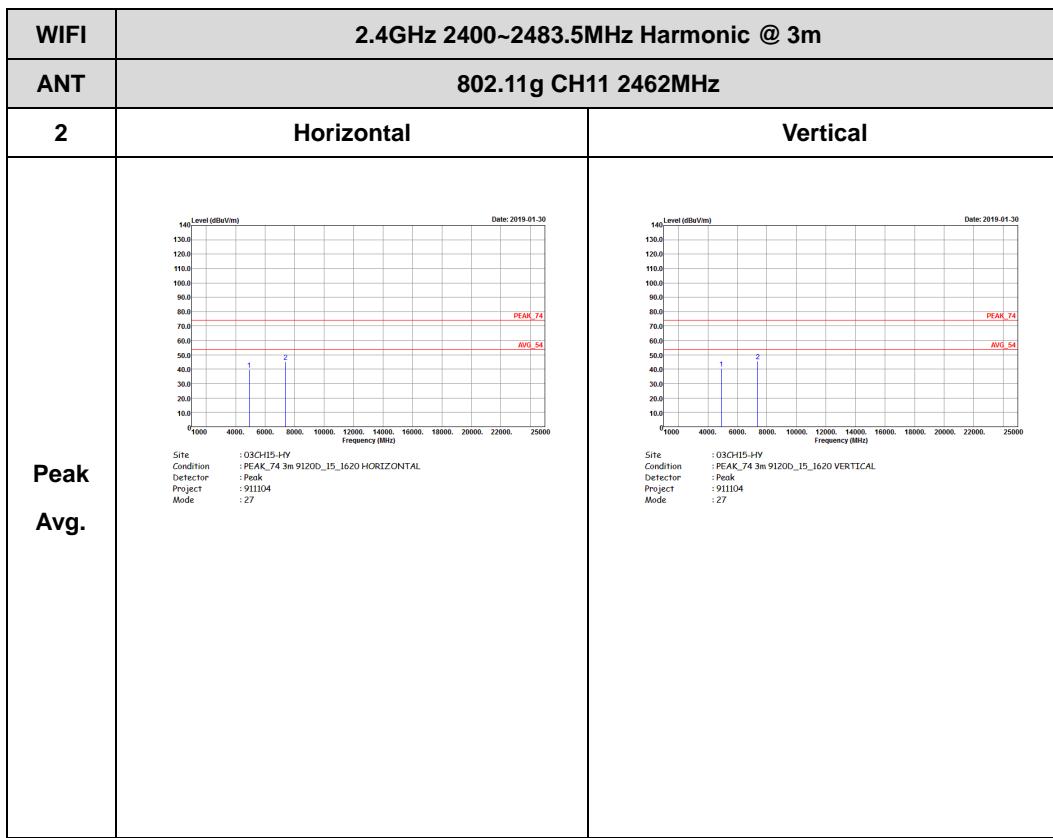


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11g (Harmonic @ 3m)





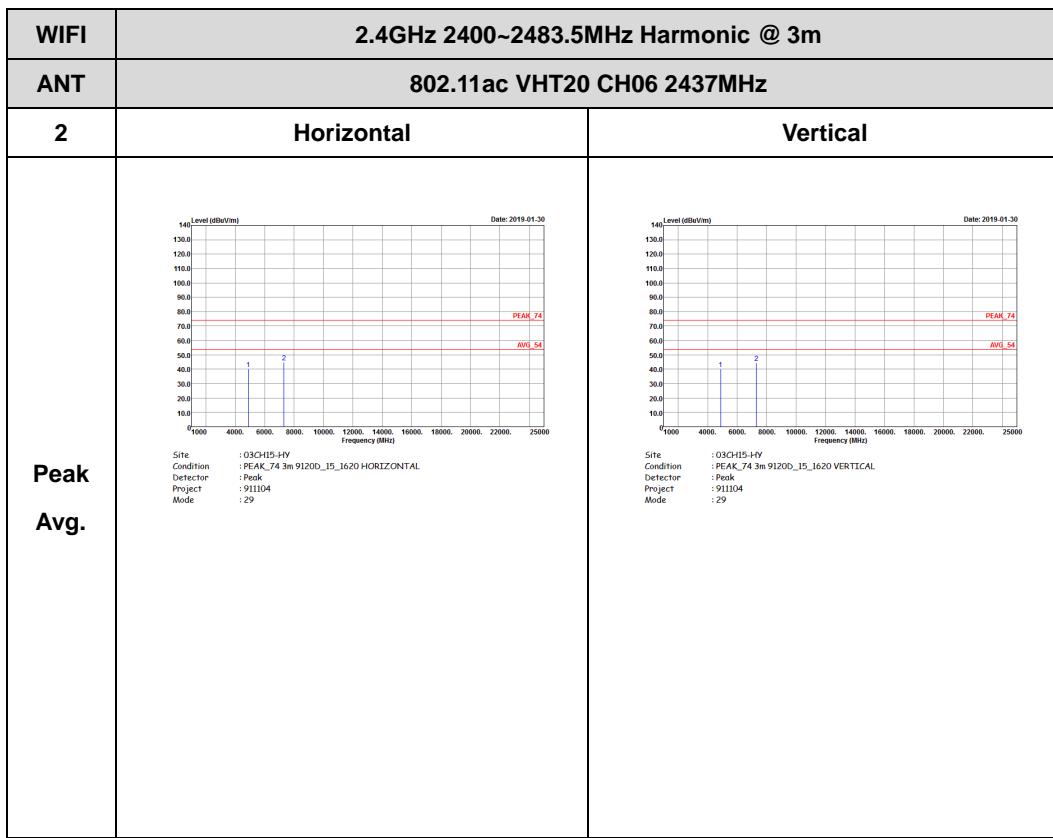


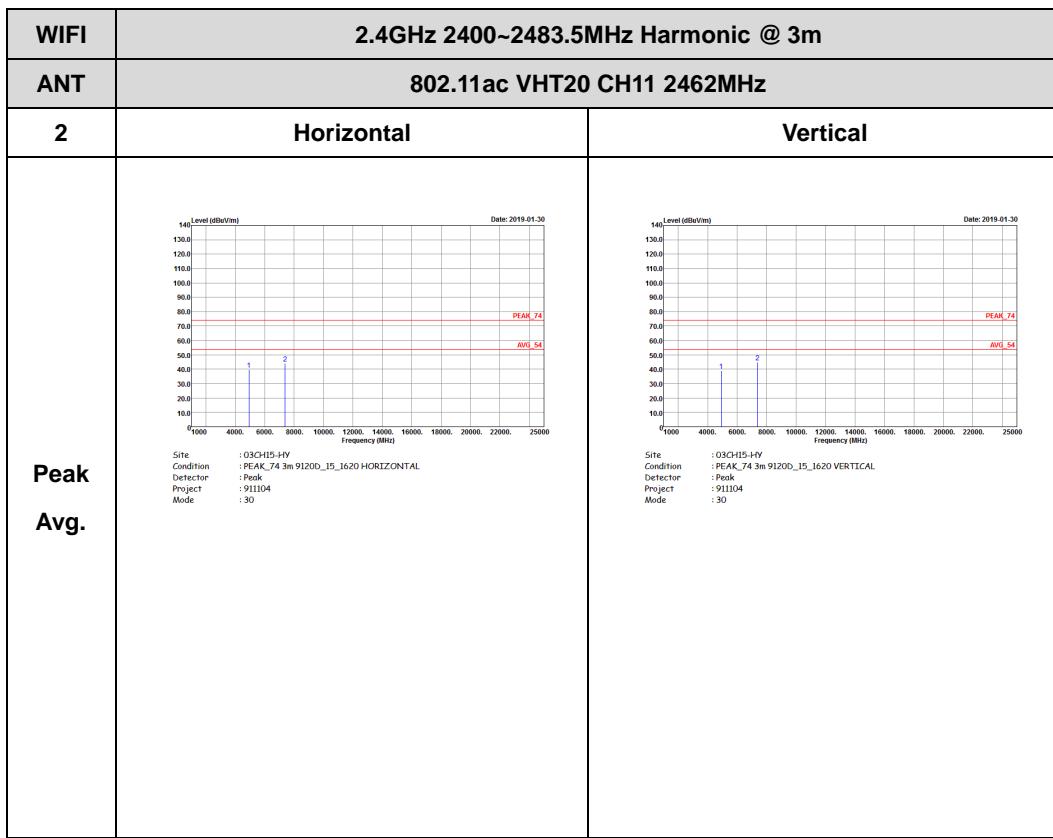


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 911104 Mode : 28	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_15_1620 VERTICAL Detector : Peak Project : 911104 Mode : 28



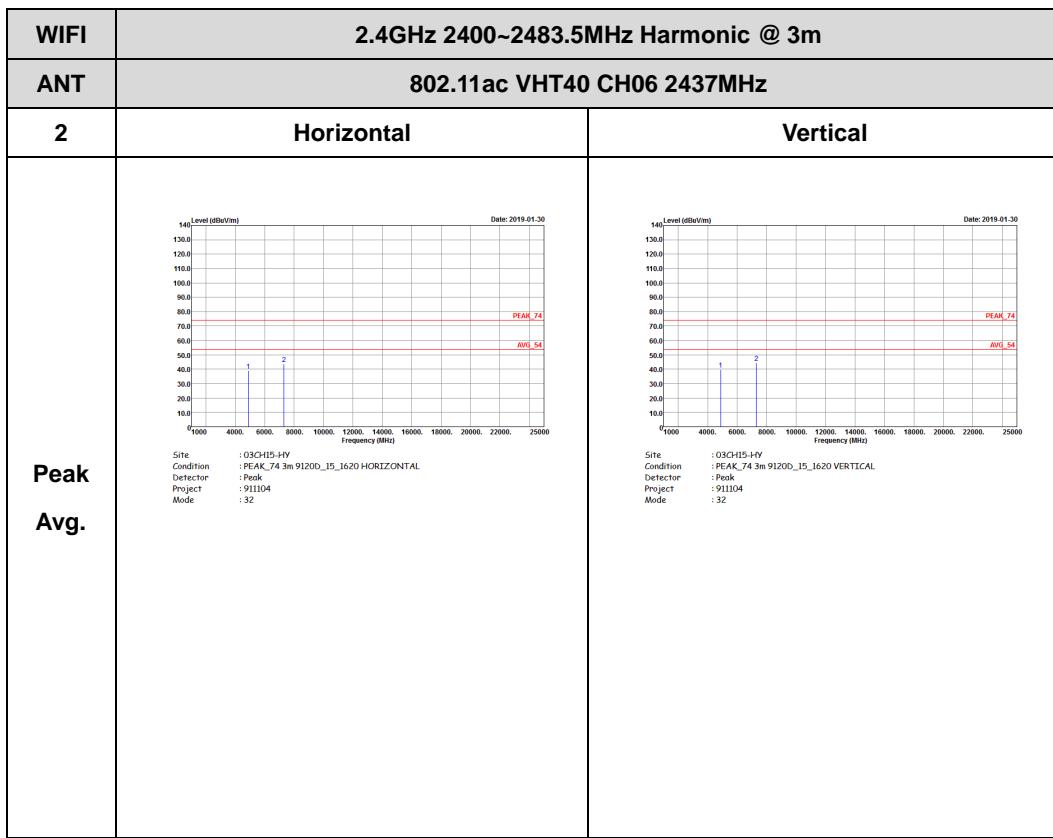


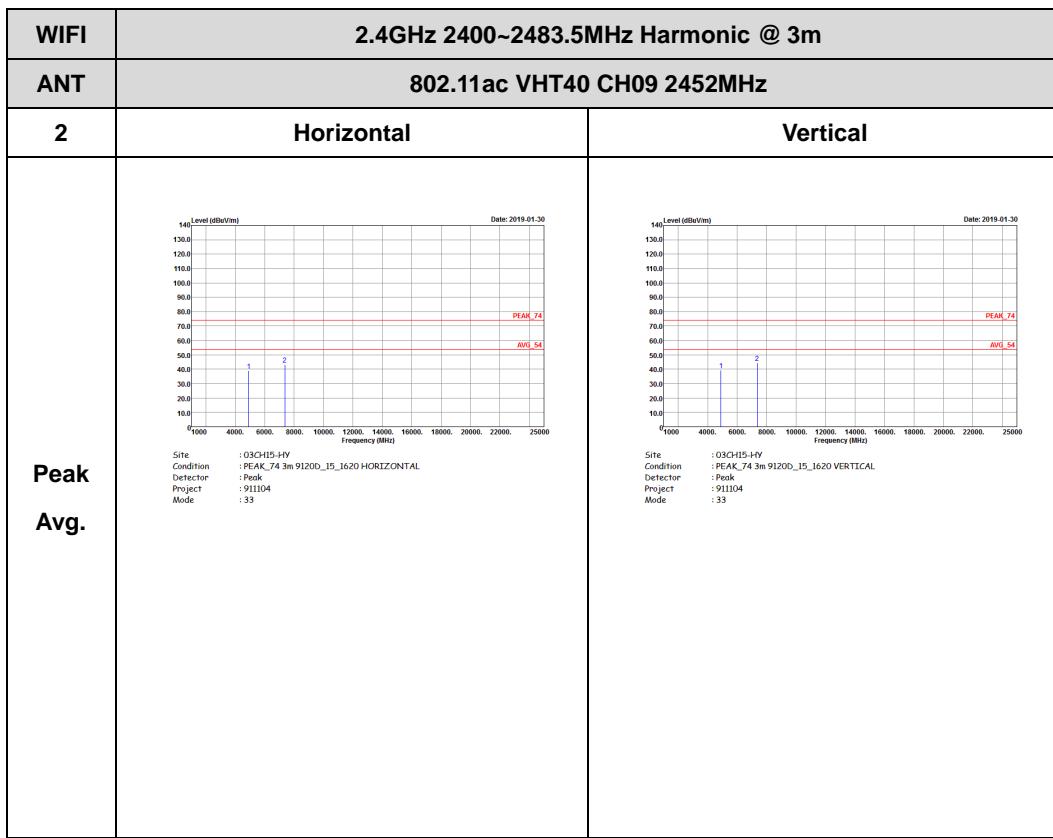


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT40 CH03 2422MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 911104 Mode : 31	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_15_1620 VERTICAL Detector : Peak Project : 911104 Mode : 31

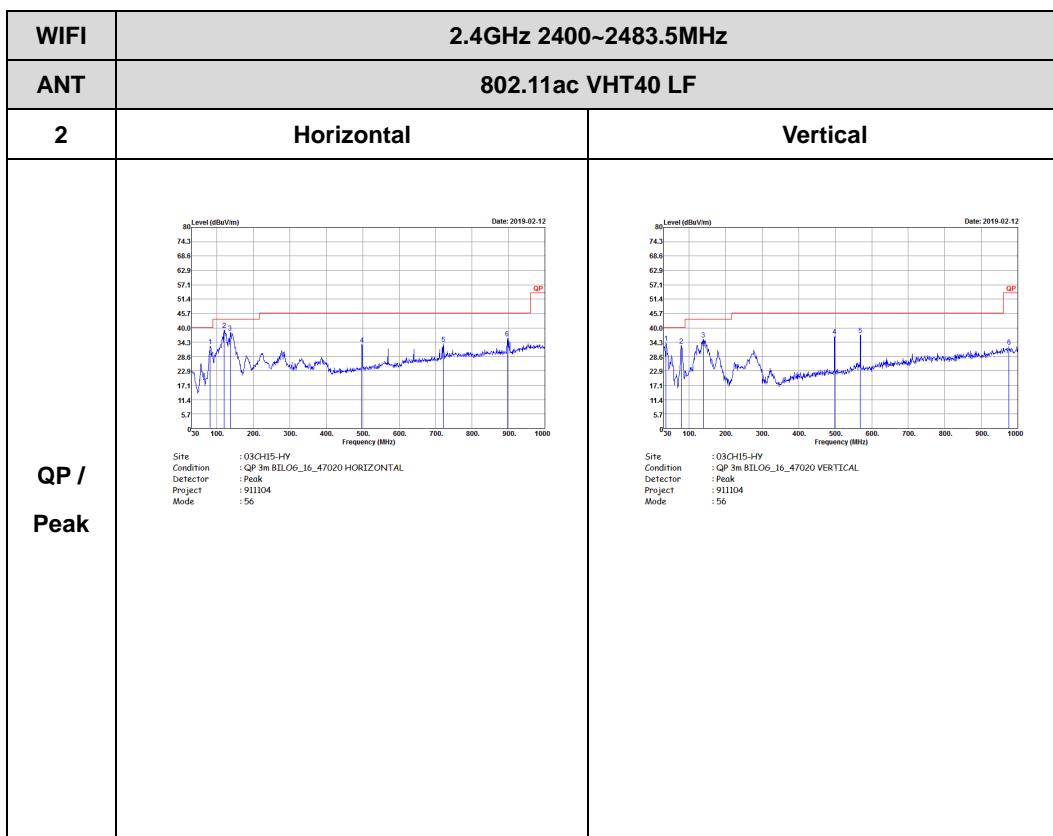






## Emission below 1GHz

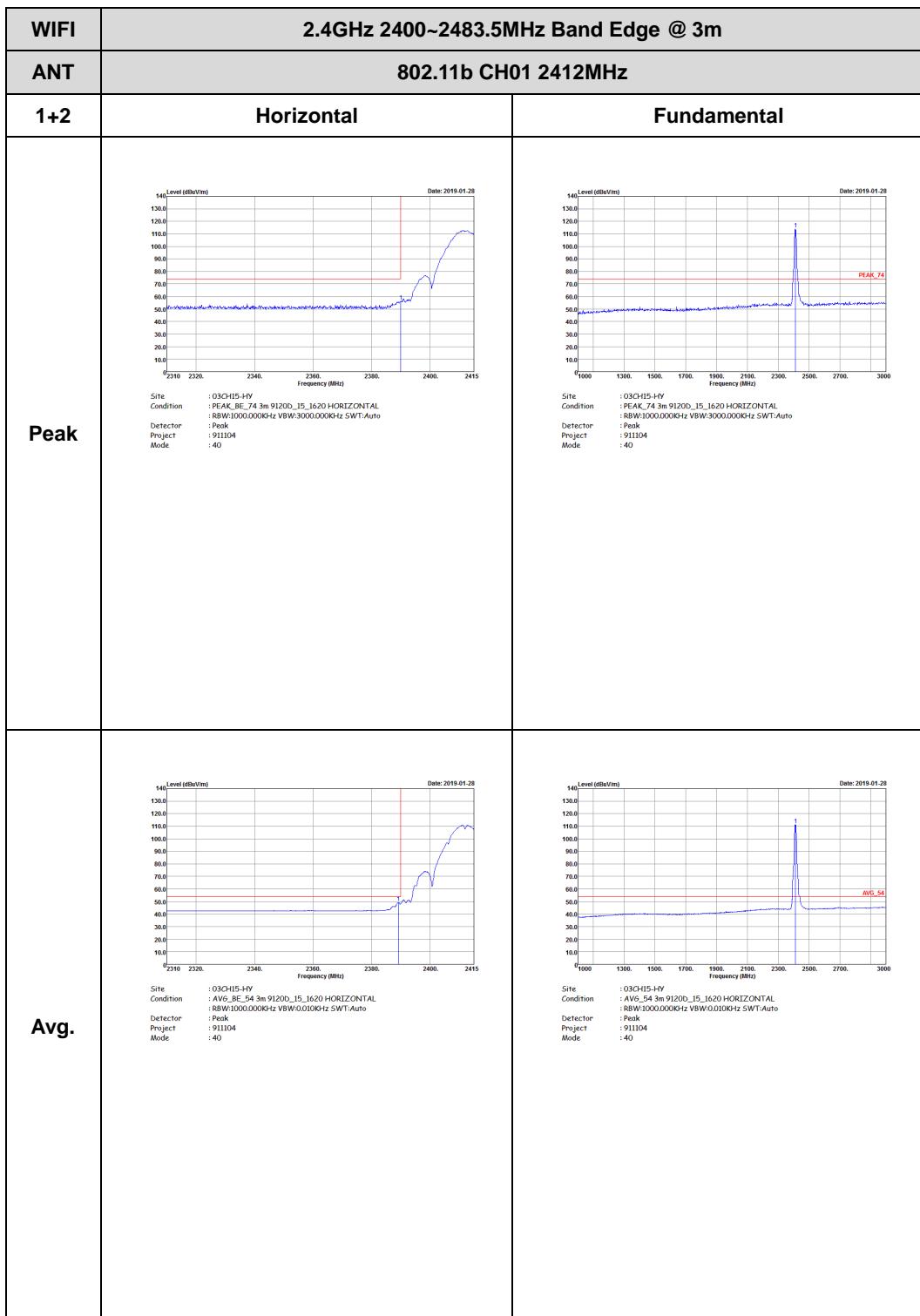
## 2.4GHz WIFI 802.11ac VHT40 (LF)

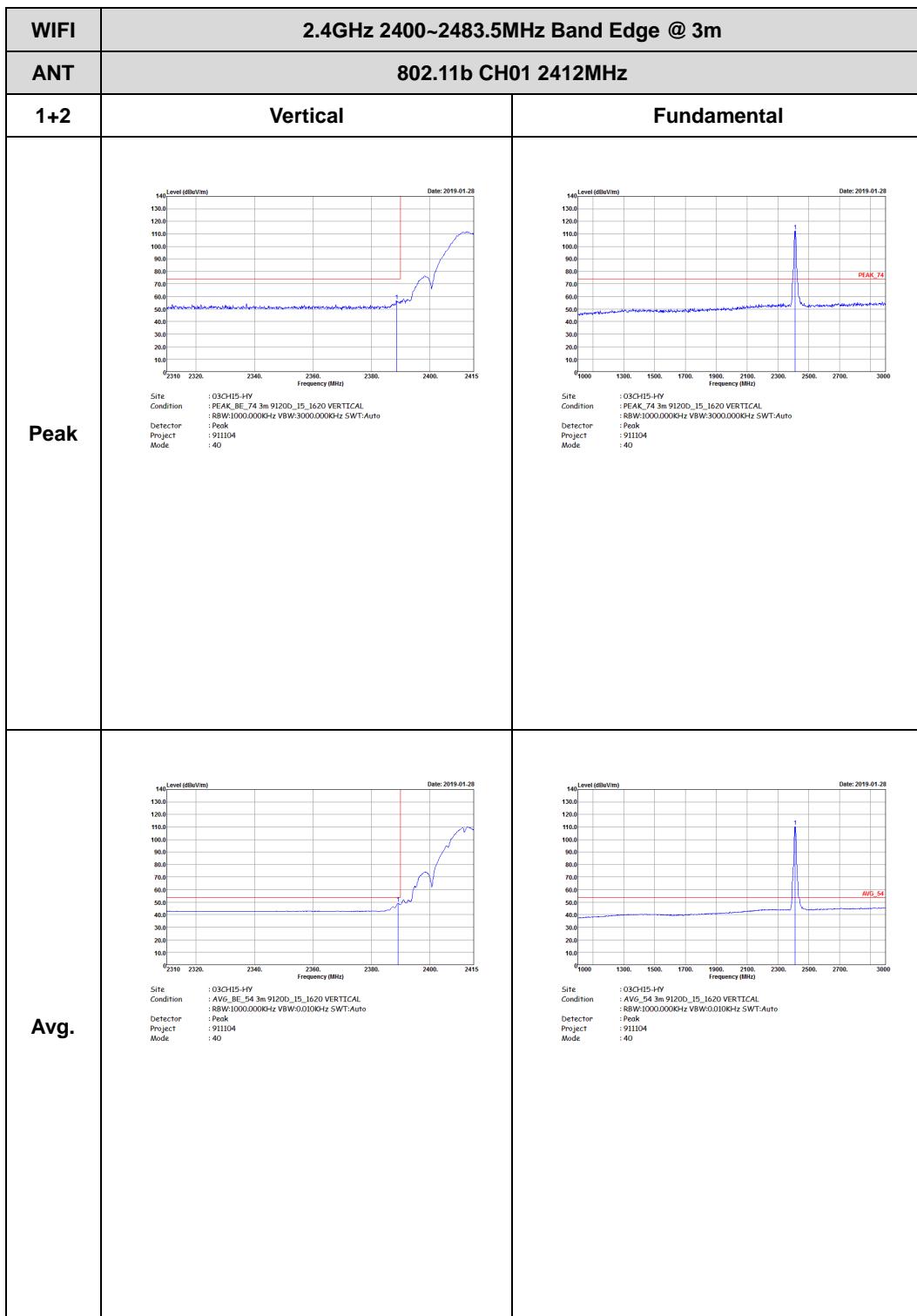


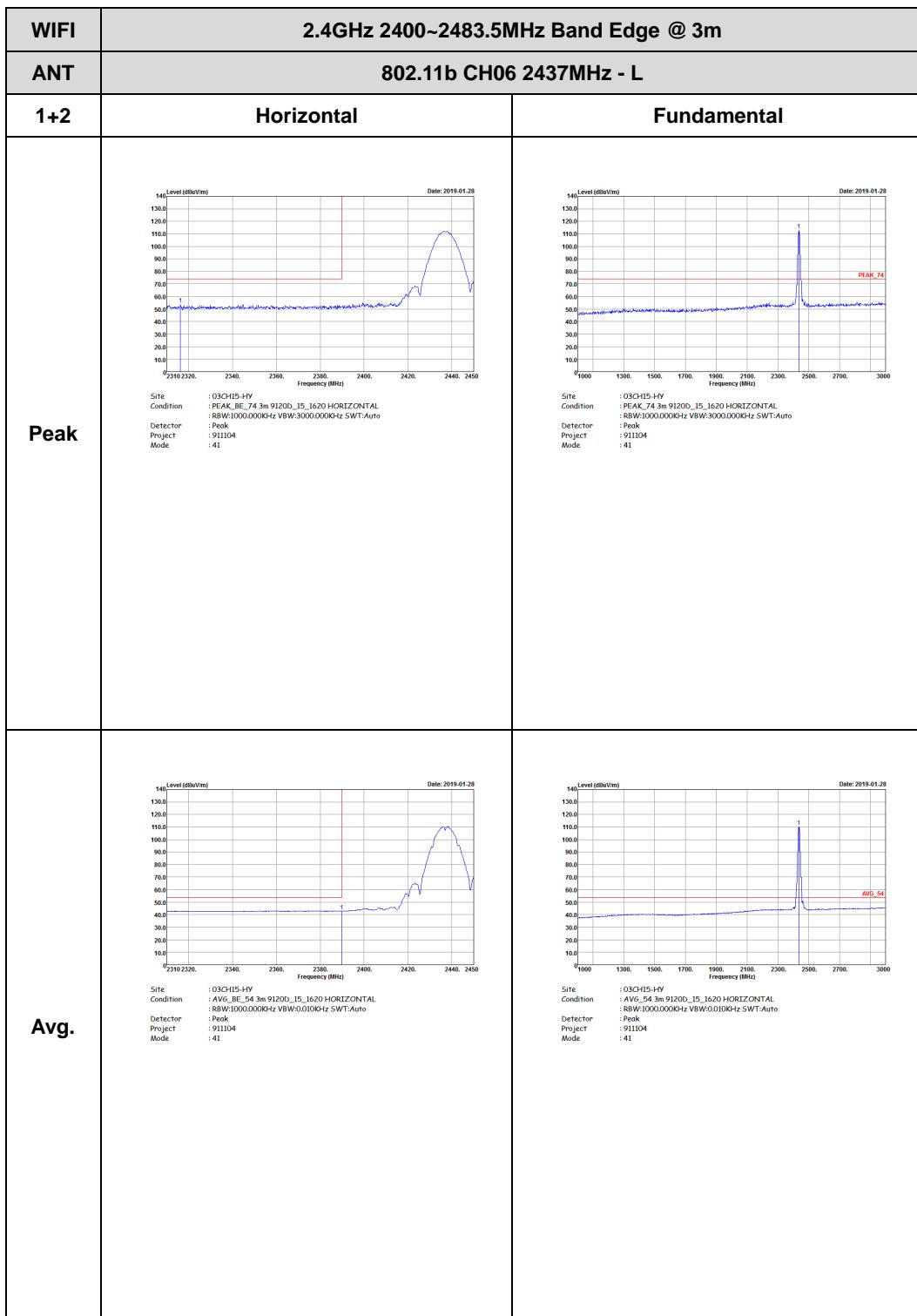


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11b (Band Edge @ 3m)

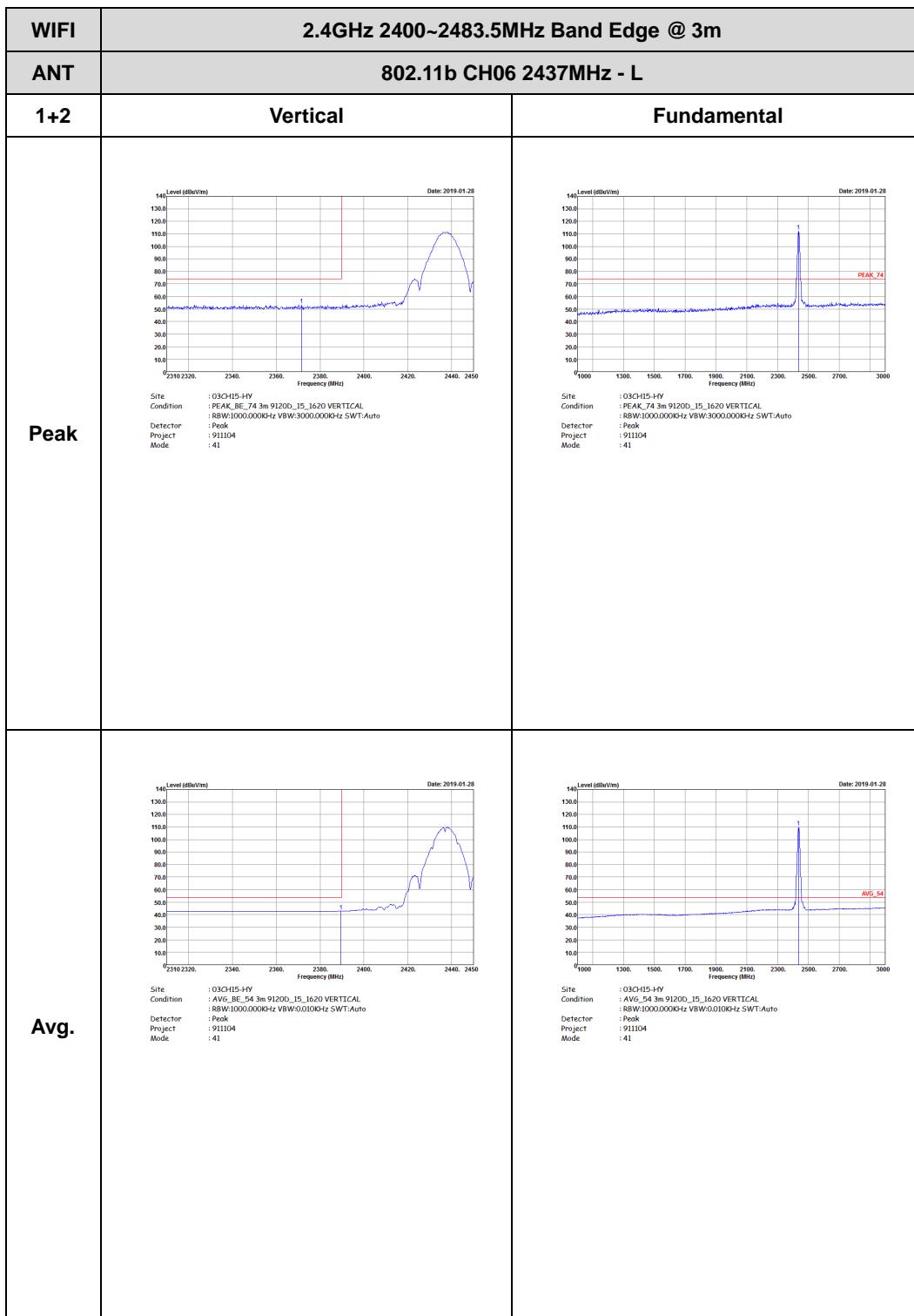






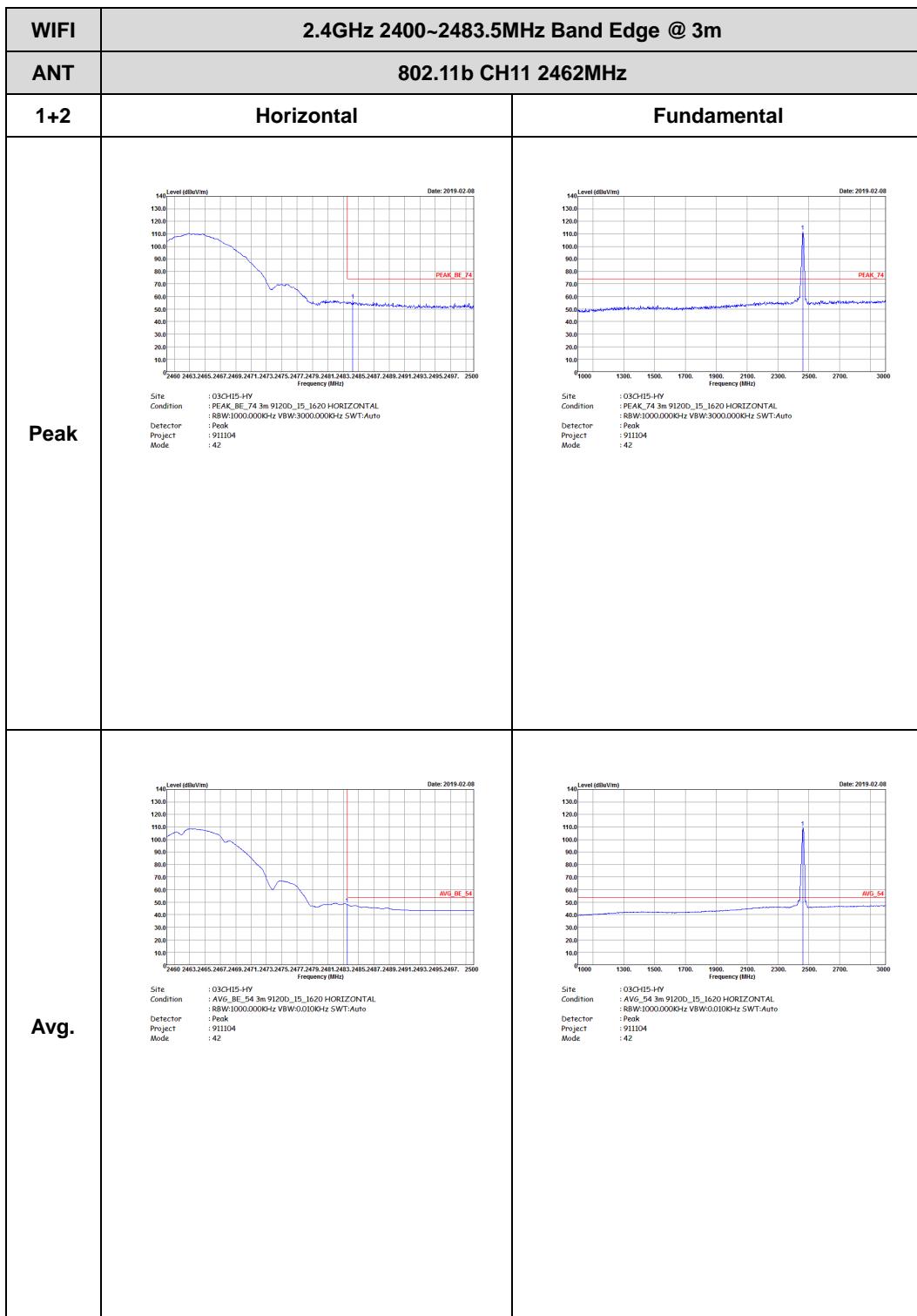


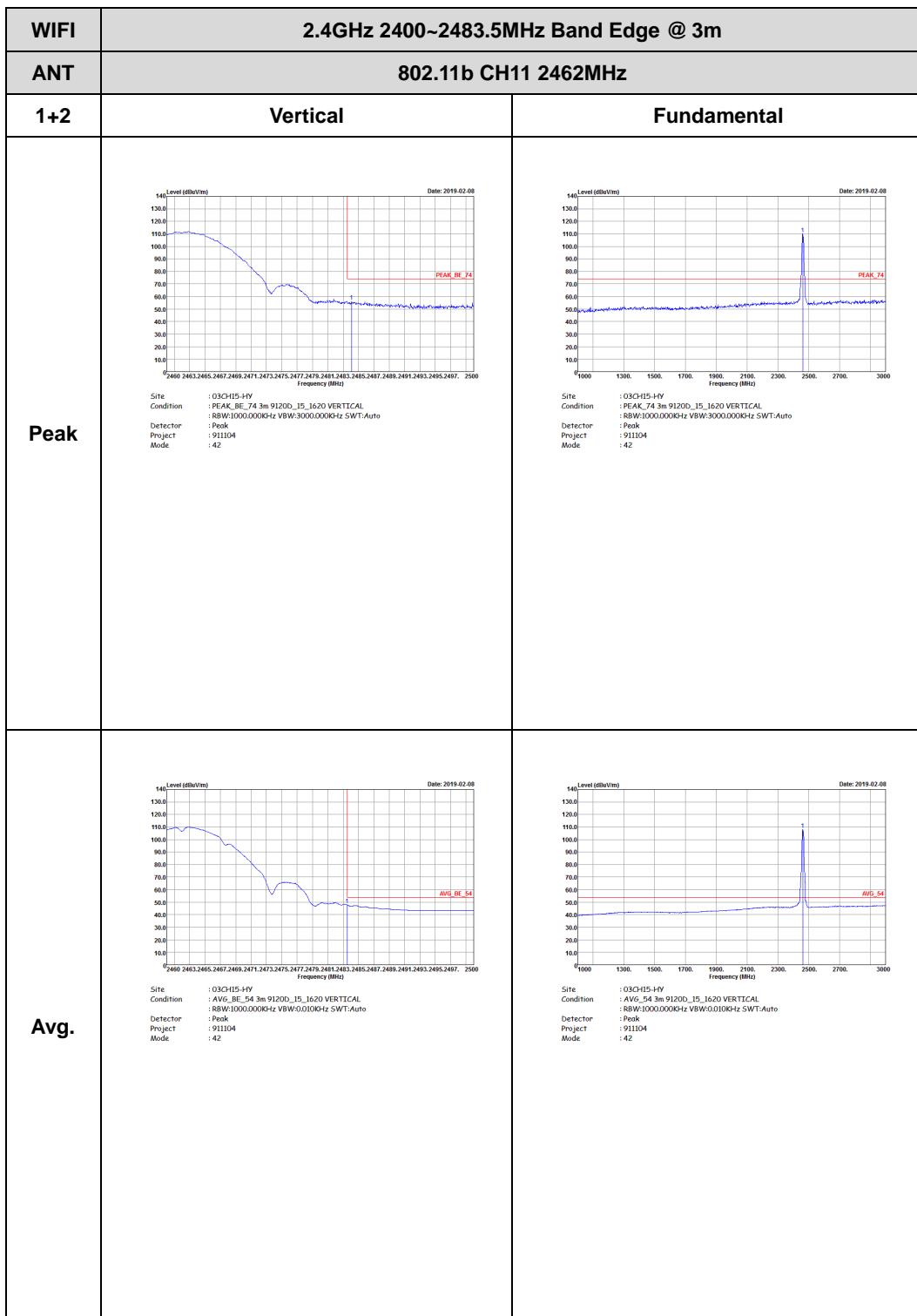
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 41</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911104 Mode : 41</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 : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 41</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911104 Mode : 41</p>	Left blank



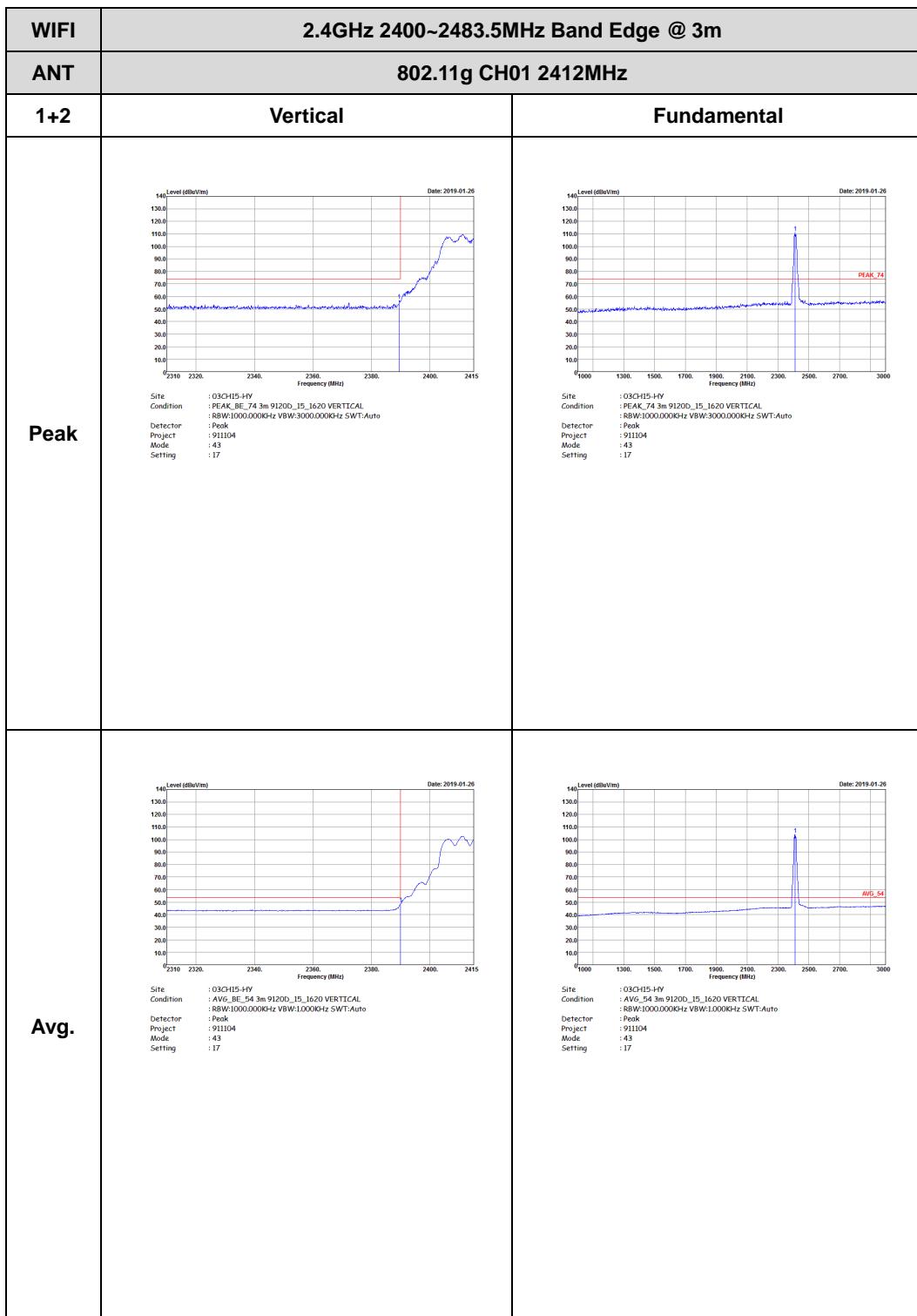


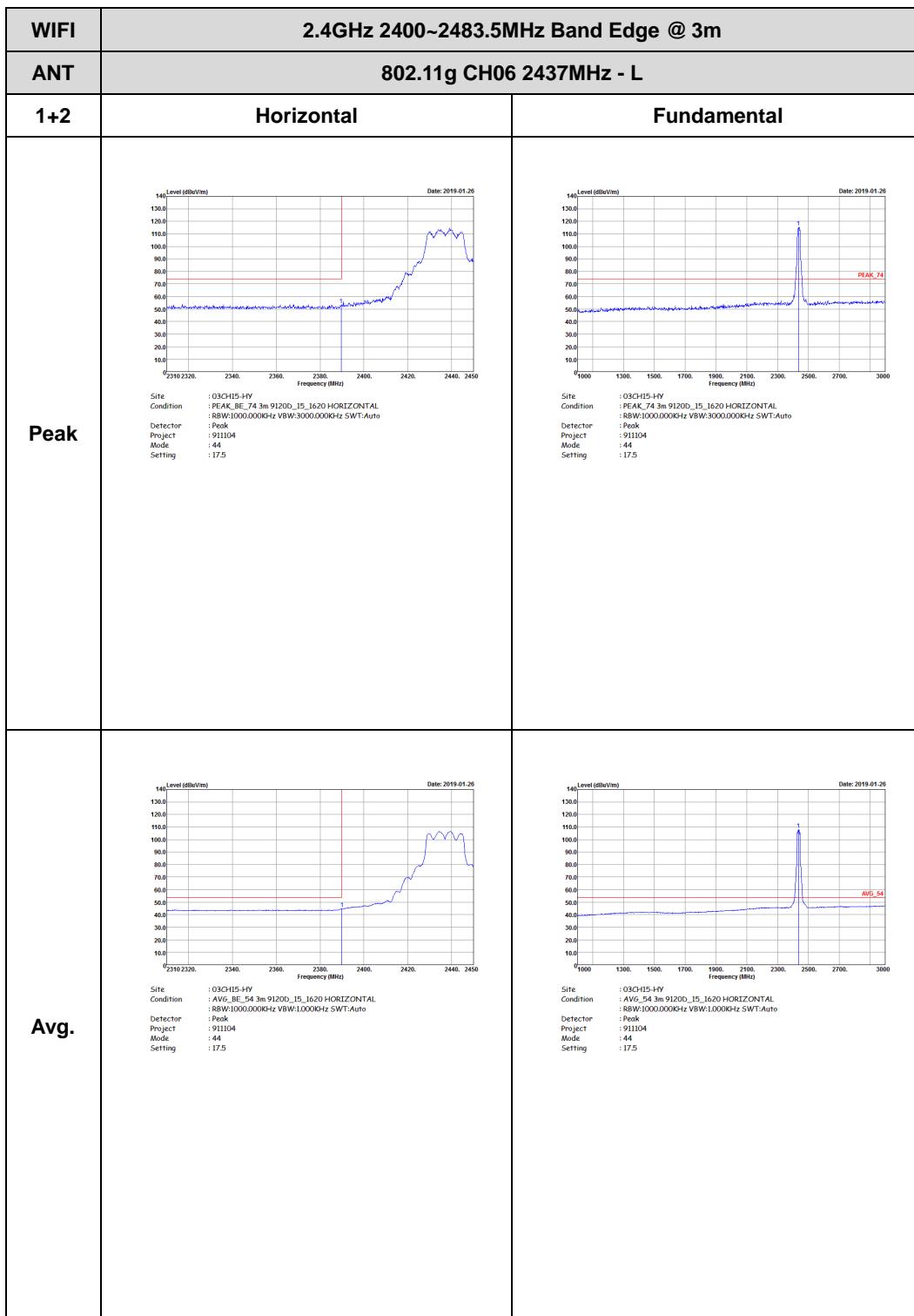


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11g (Band Edge @ 3m)

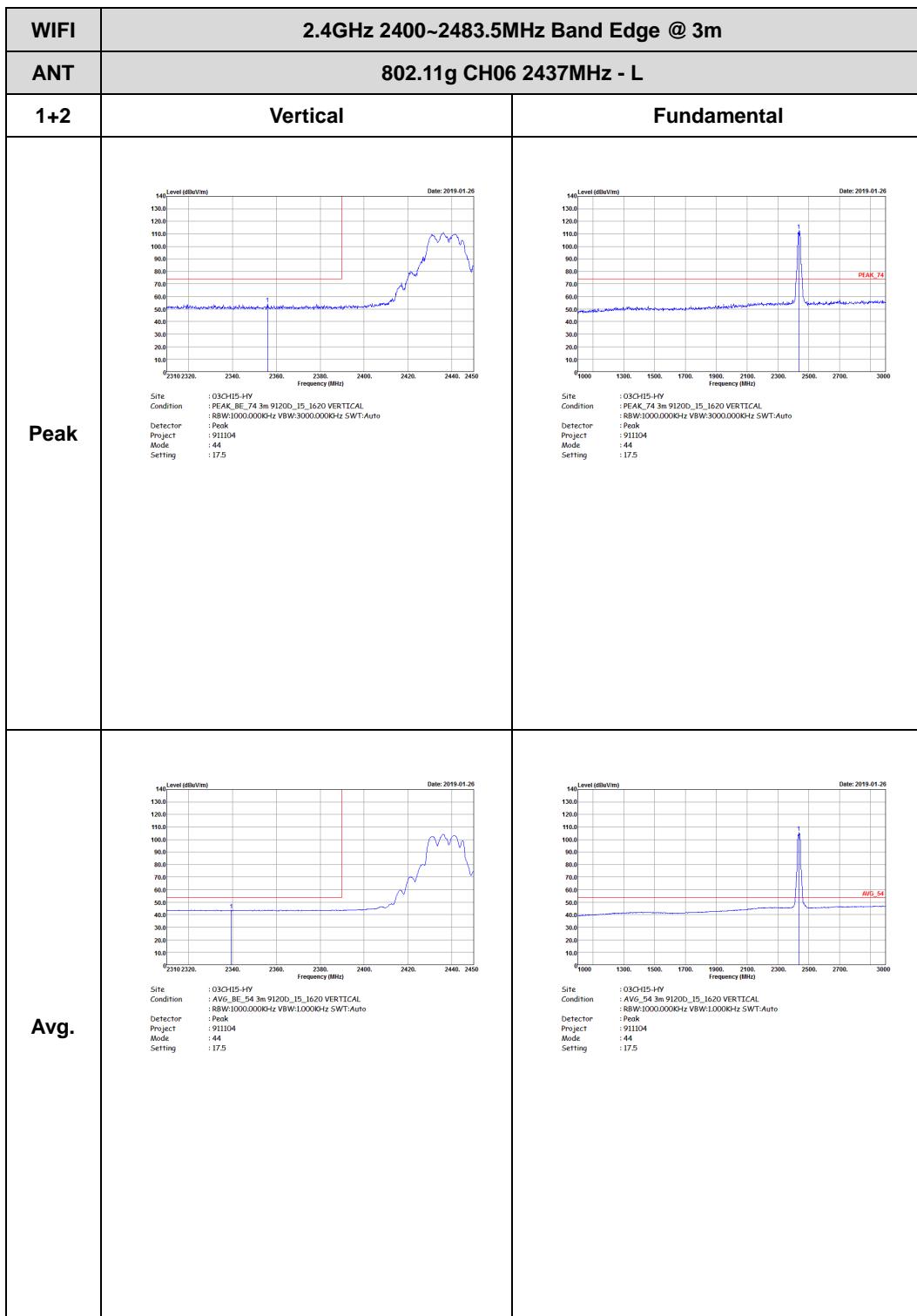
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL RBW:1000.000kHz VBW:3000.000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 43 Setting : 17	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_15_1620 HORIZONTAL RBW:1000.000kHz VBW:3000.000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 43 Setting : 17
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL RBW:1000.000kHz VBW:10000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 43 Setting : 17	 Site : 03CH15-HY Condition : AVG_54 3m 9120D_15_1620 HORIZONTAL RBW:1000.000kHz VBW:10000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 43 Setting : 17





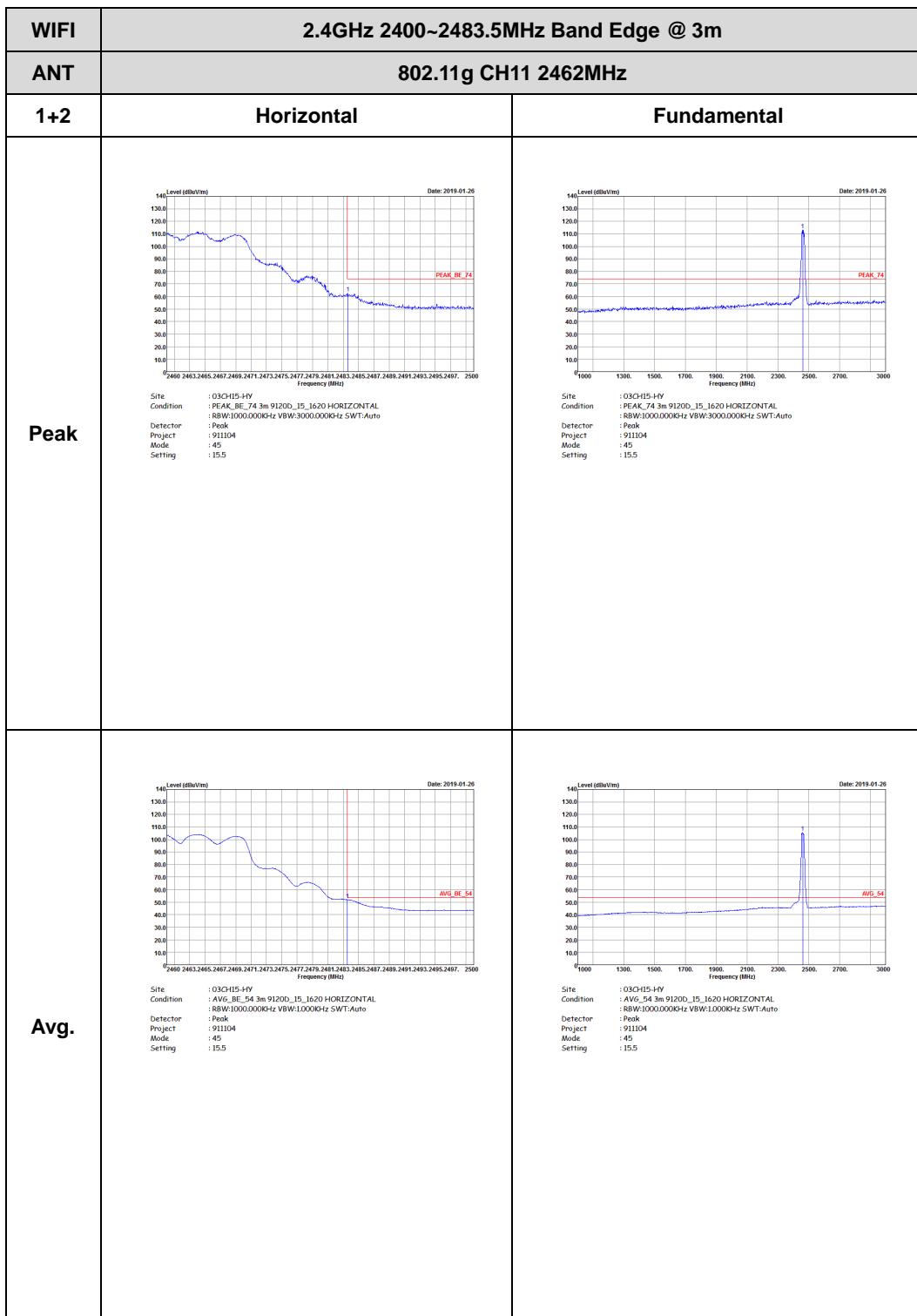


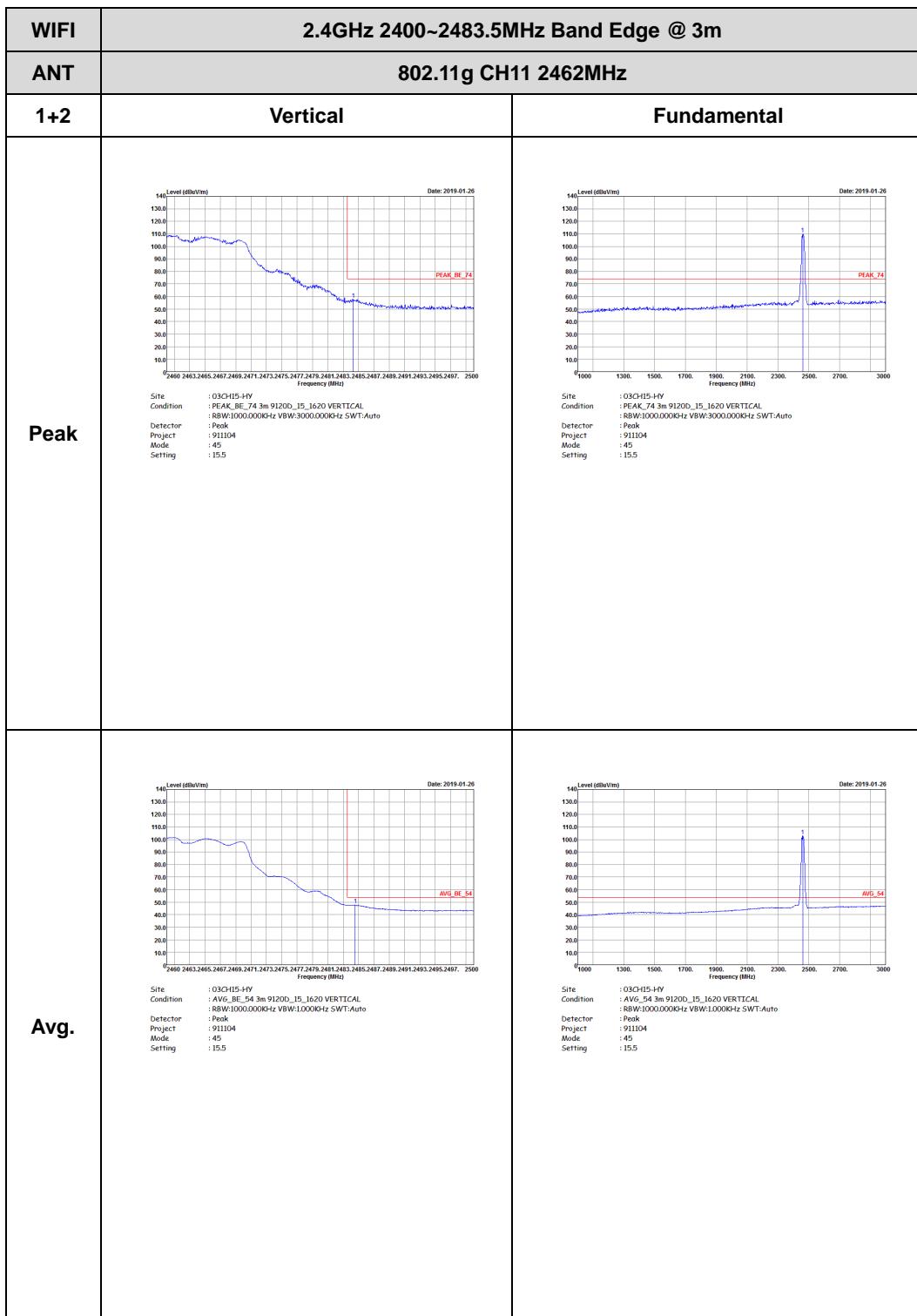
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 44 Setting : 17.5</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:1.0000Hz SWT:Auto Project : 911104 Mode : 44 Setting : 17.5</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 44 Setting : 17.5</p>	Left Blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:1.000KHz SWT:Auto Project : 911104 Mode : 44 Setting : 17.5</p>	Left Blank



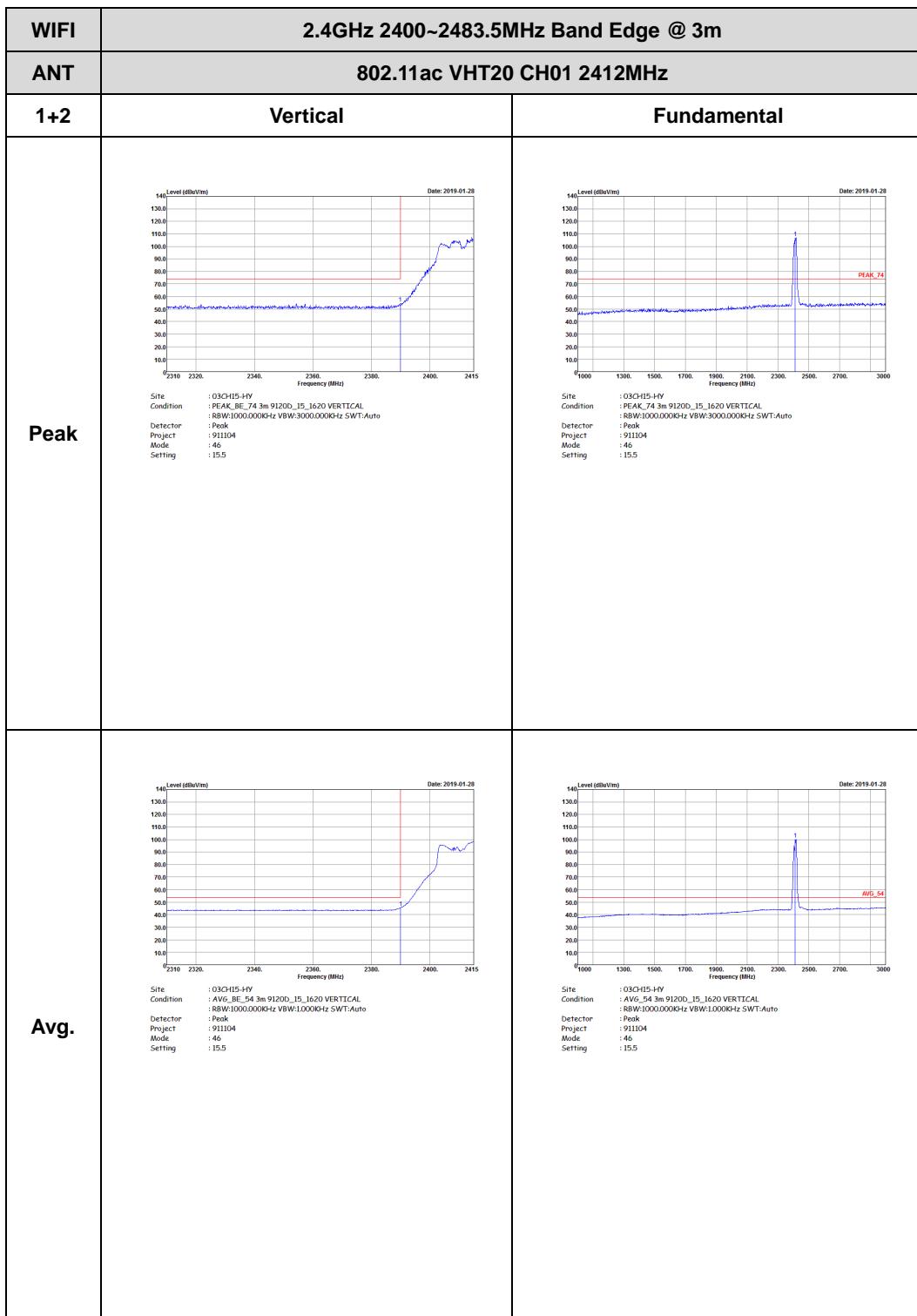


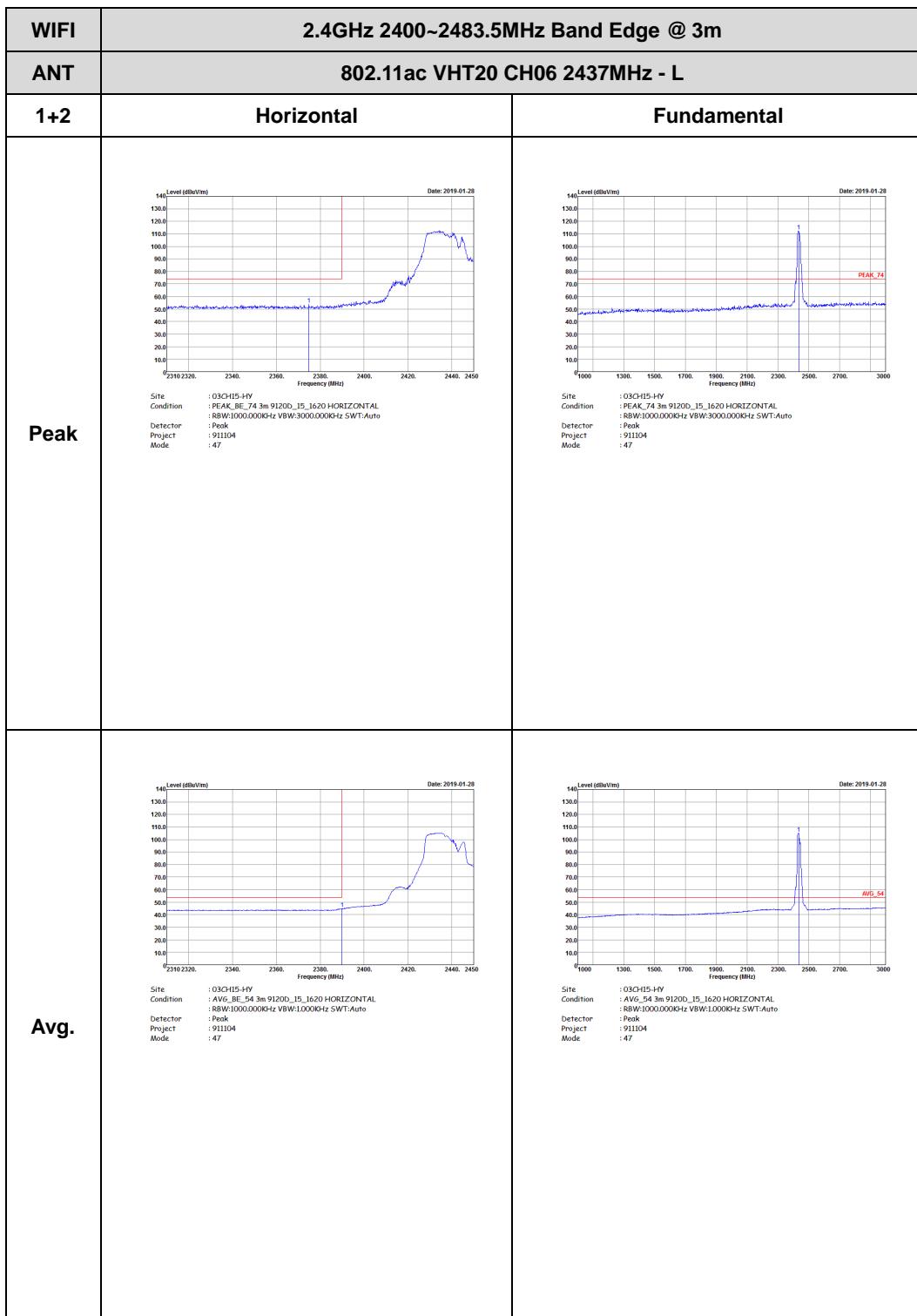


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT20 (Band Edge @ 3m)

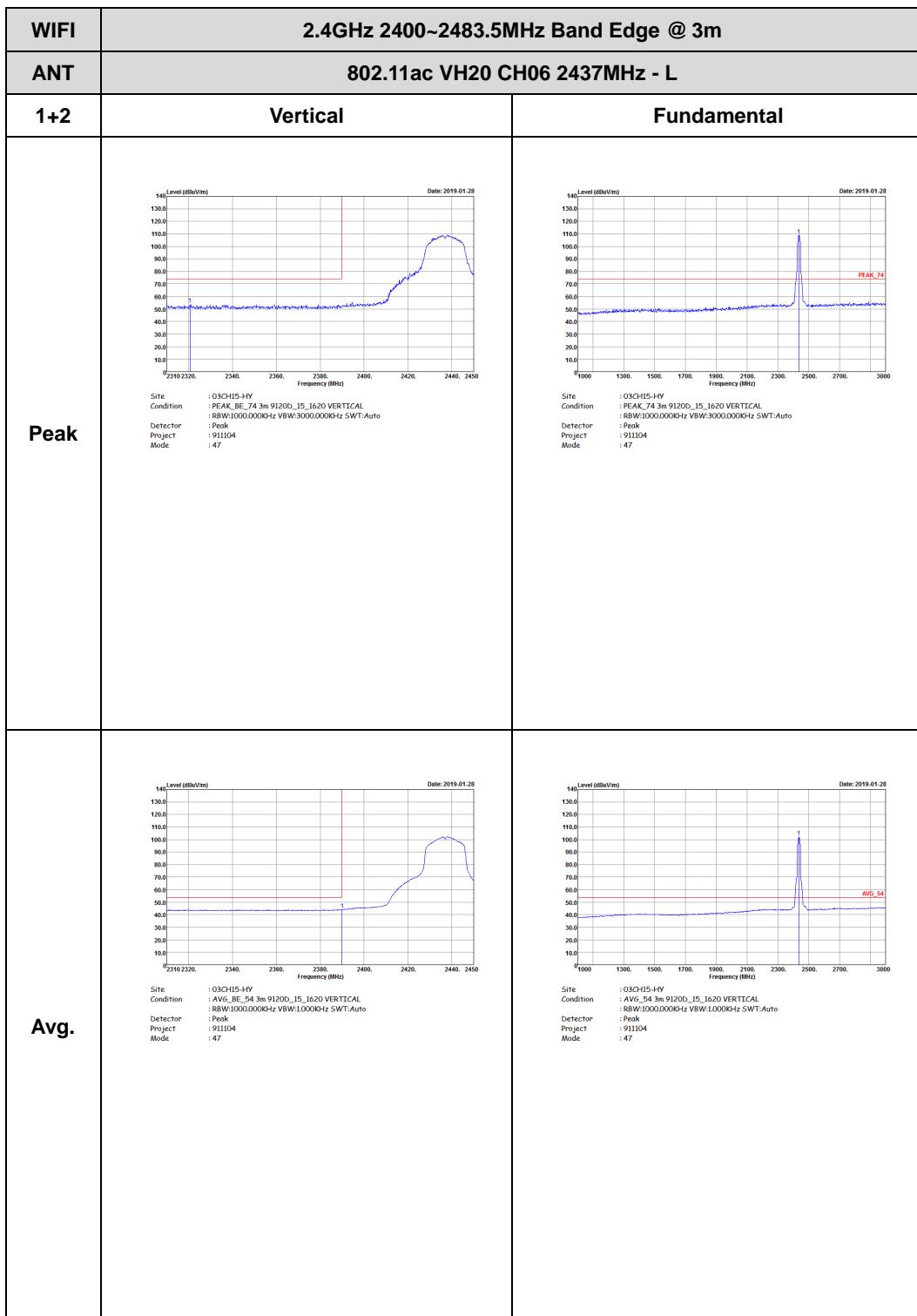
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74_3m_91200_15_1620_HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 91104 Mode : 46 Setting : 15.5	 Site : 03CH15-HY Condition : PEAK_74_3m_91200_15_1620_HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 91104 Mode : 46 Setting : 15.5
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54_3m_91200_15_1620_HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 91104 Mode : 46 Setting : 15.5	 Site : 03CH15-HY Condition : AVG_54_3m_91200_15_1620_HORIZONTAL : RBW:1000.000kHz VBW:1.000kHz SWT:Auto Detector : Peak Project : 91104 Mode : 46 Setting : 15.5





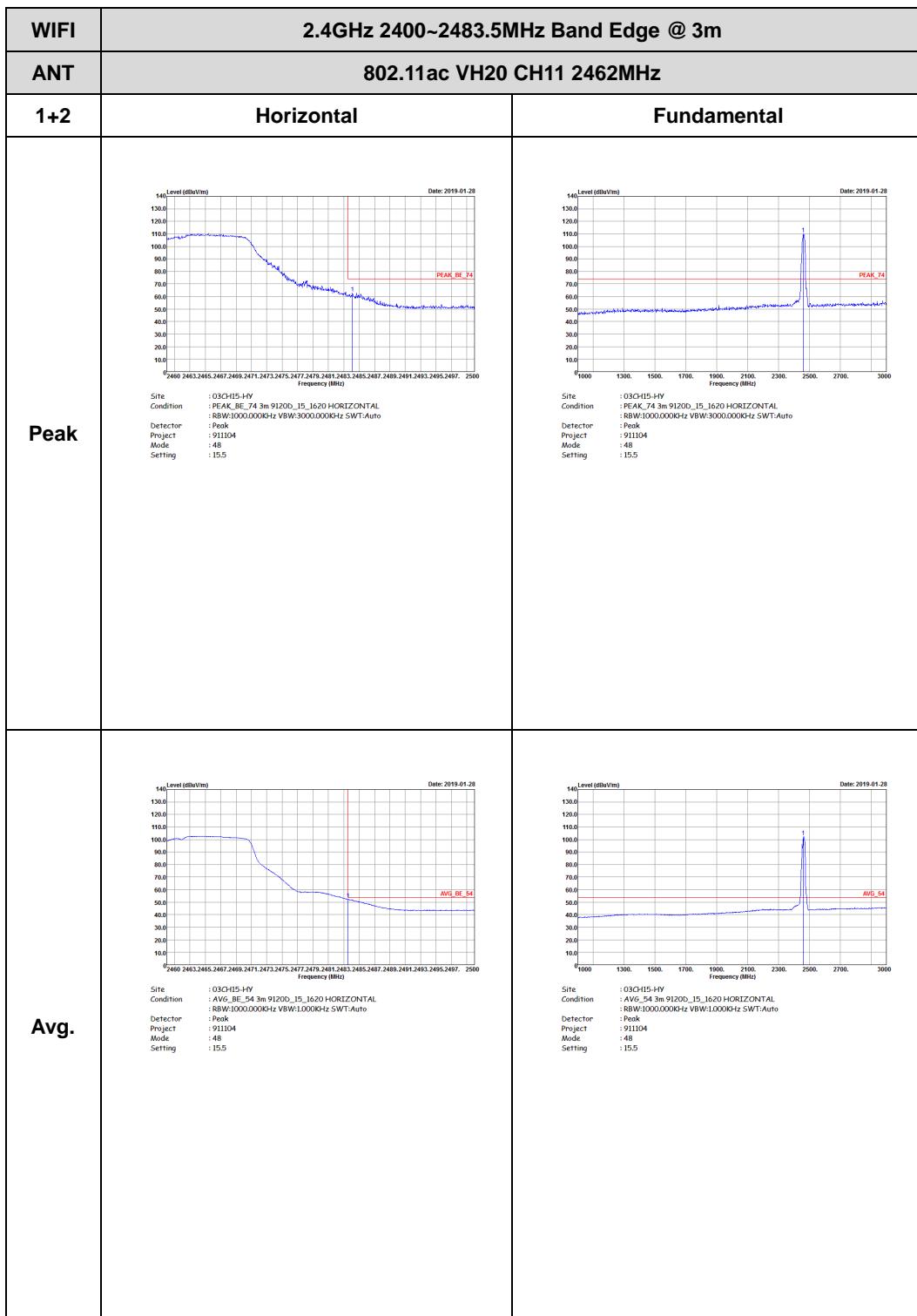


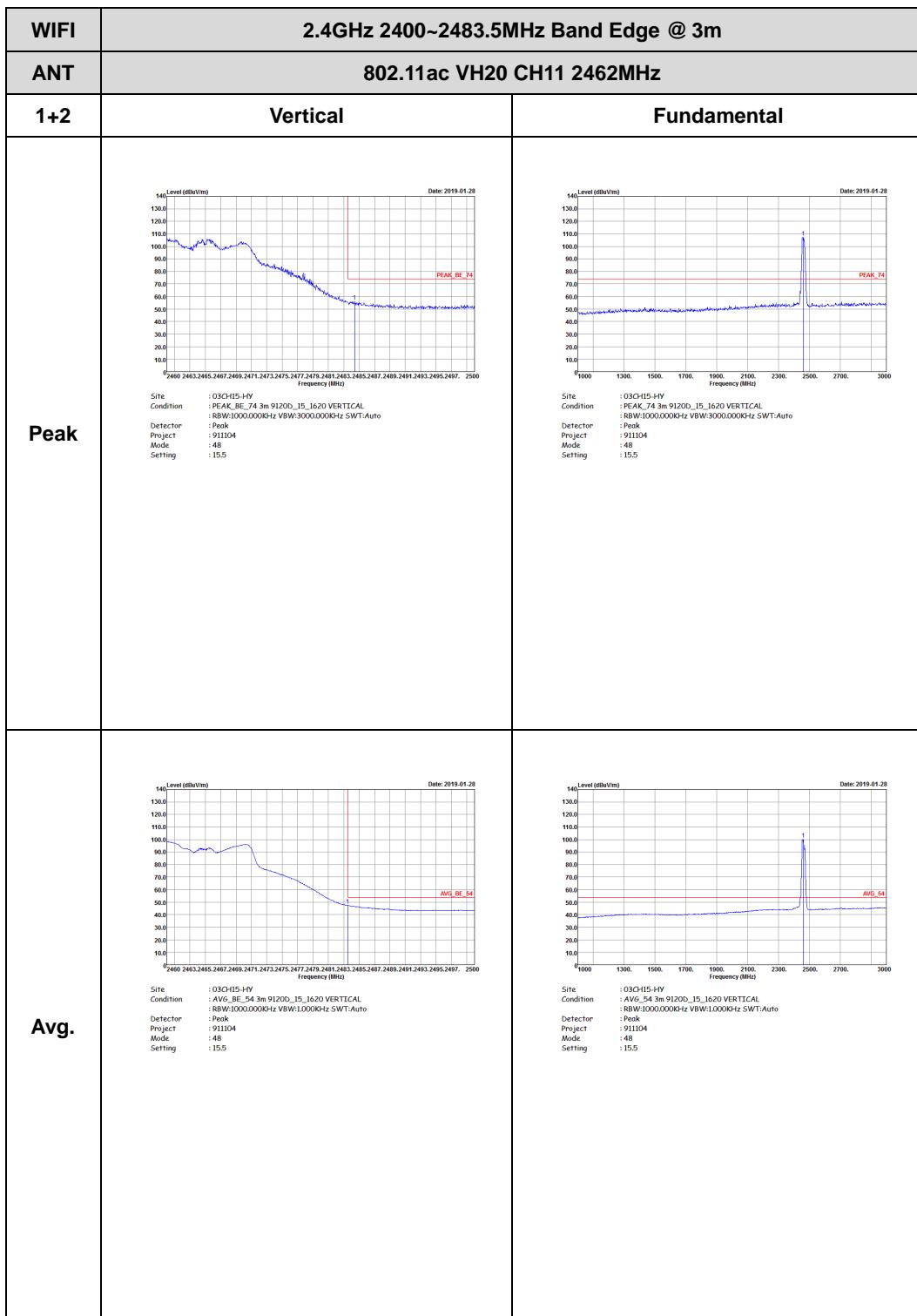
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Level (dBc/Vm)</p> <p>Frequency (MHz)</p> <p>Date: 2019-01-28</p> <p>PEAK_BE_74</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911104 Mode : 47</p>	Left blank
Avg.	<p>Level (dBc/Vm)</p> <p>Frequency (MHz)</p> <p>Date: 2019-01-28</p> <p>Avg_BE_54</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:1.0000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 47</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>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 47</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:1.000KHz SWT:Auto Project : 911104 Mode : 47</p>	Left blank

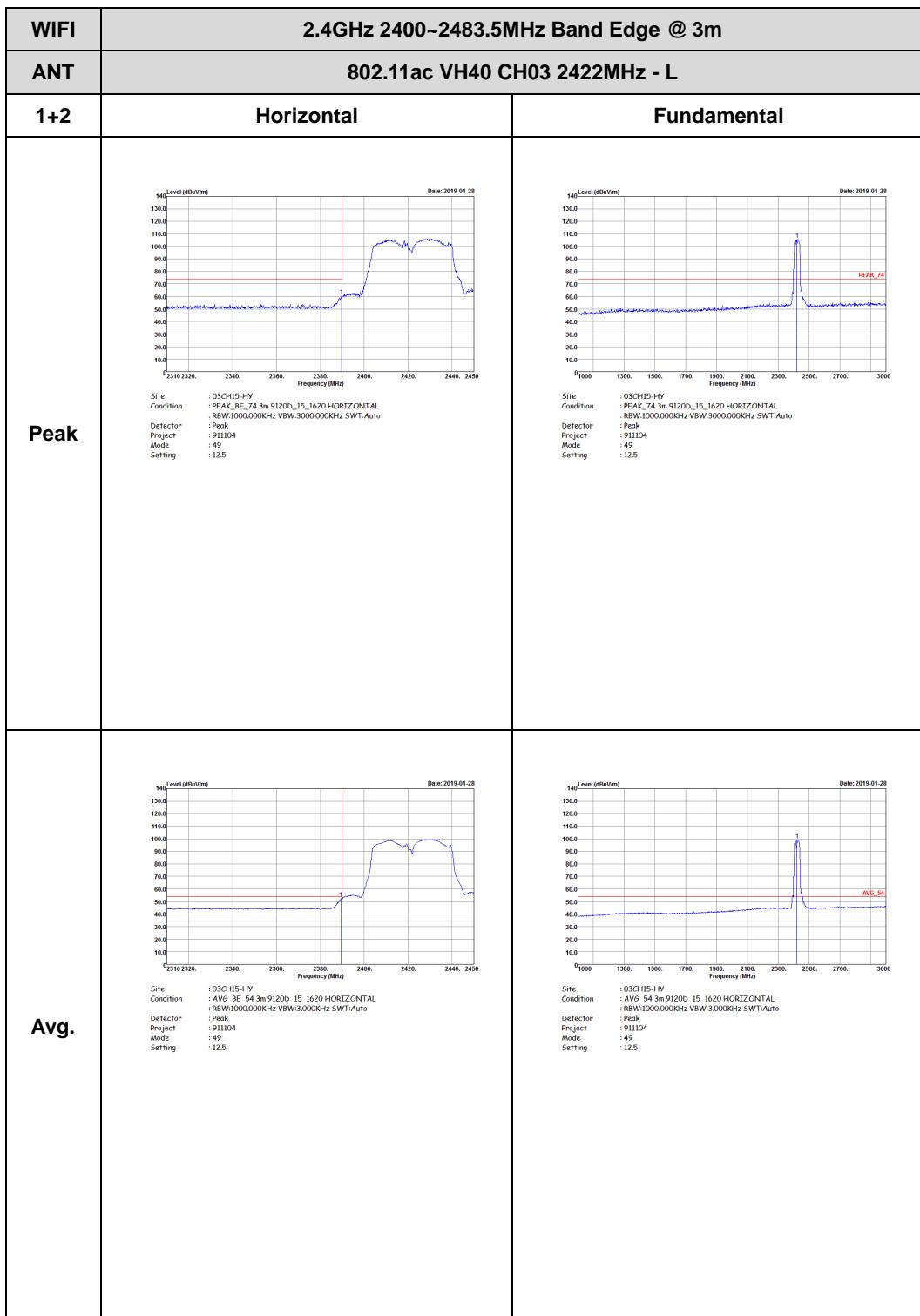






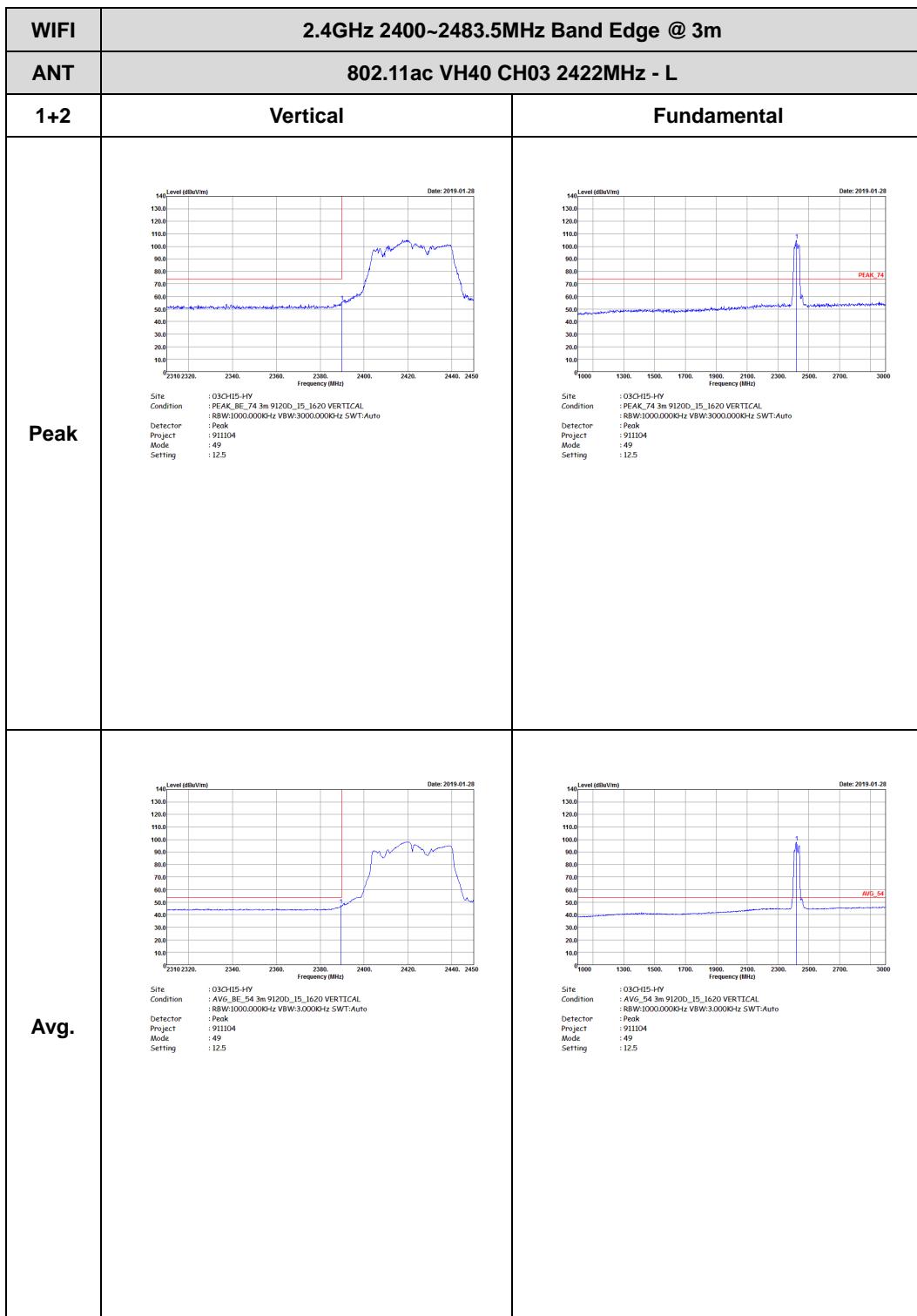
## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT40 (Band Edge @ 3m)



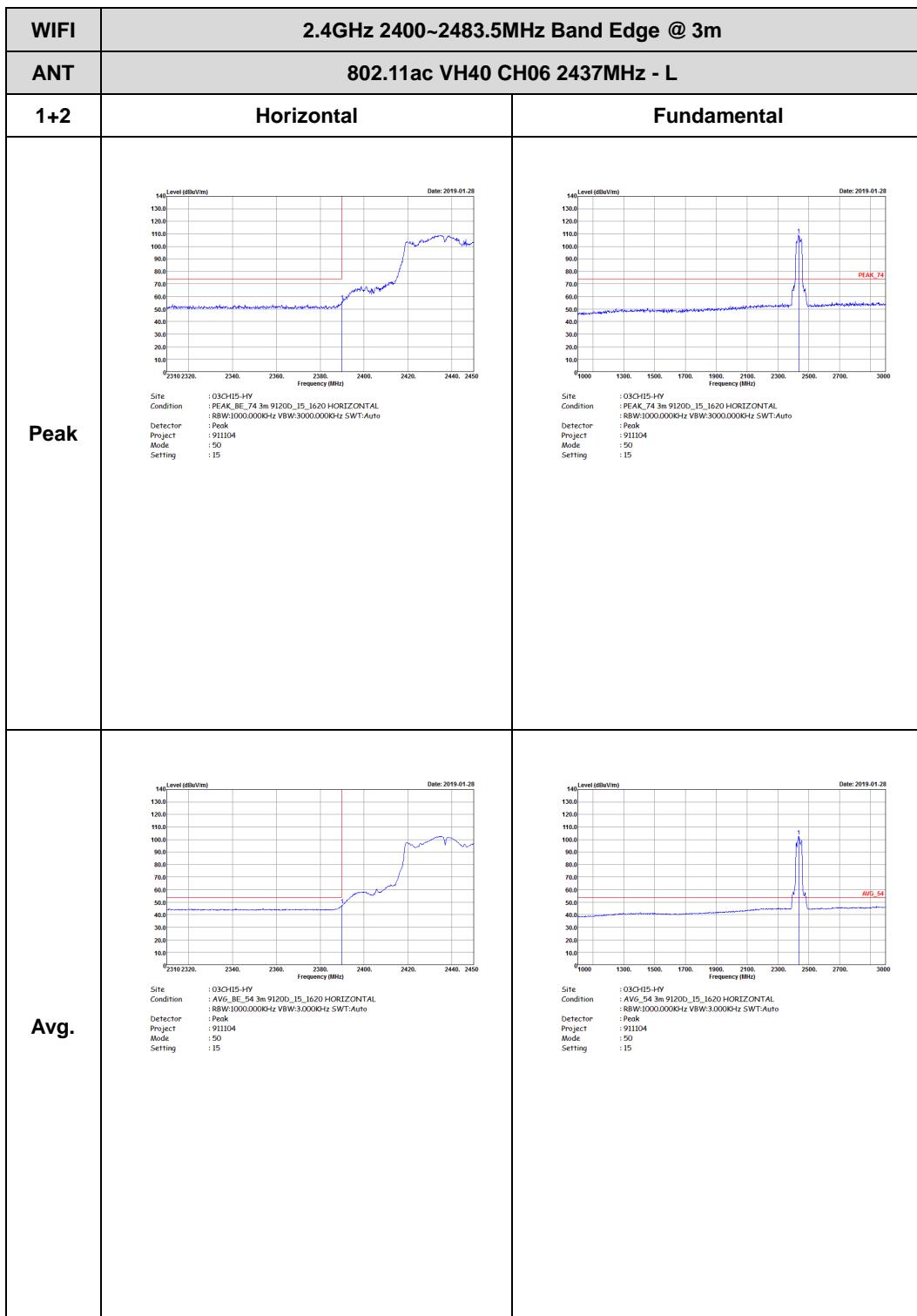


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911104 Mode : 49 Setting : 12.5</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 49 Setting : 12.5</p>	Left blank

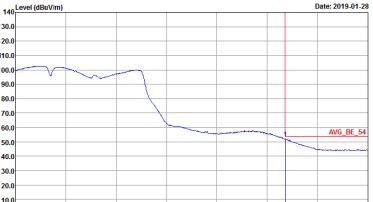


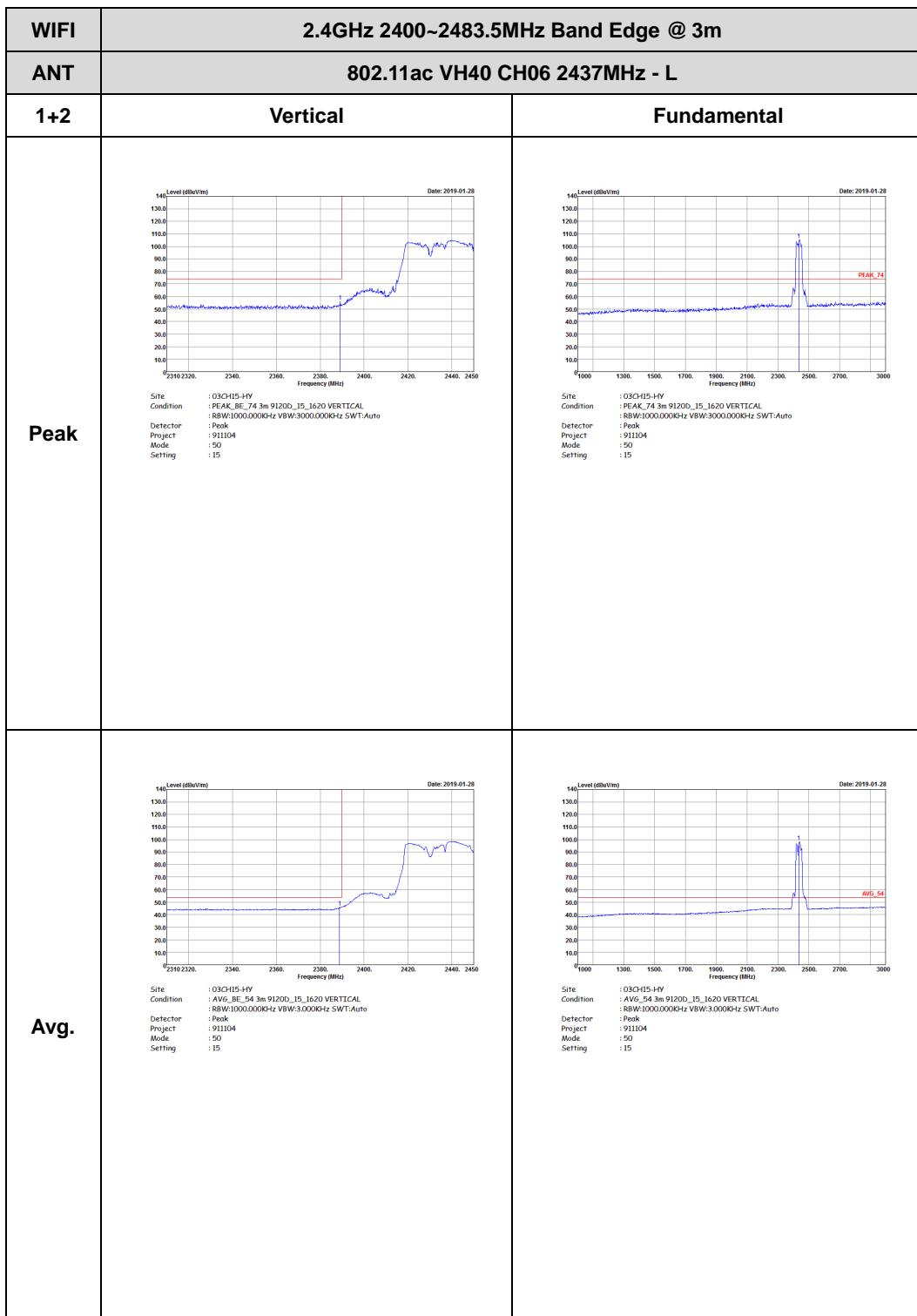


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBc/Vm)</p> <p>Frequency (MHz)</p> <p>Date: 2019-01-28</p> <p>PEAK_BE_74</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 49 Setting : 12.5</p>	Left blank
Avg.	<p>Level (dBc/Vm)</p> <p>Frequency (MHz)</p> <p>Date: 2019-01-28</p> <p>AVG_BE_54</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3.0000KHz SWT:Auto Project : 911104 Mode : 49 Setting : 12.5</p>	Left blank

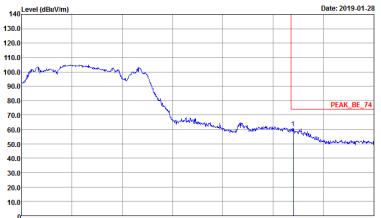


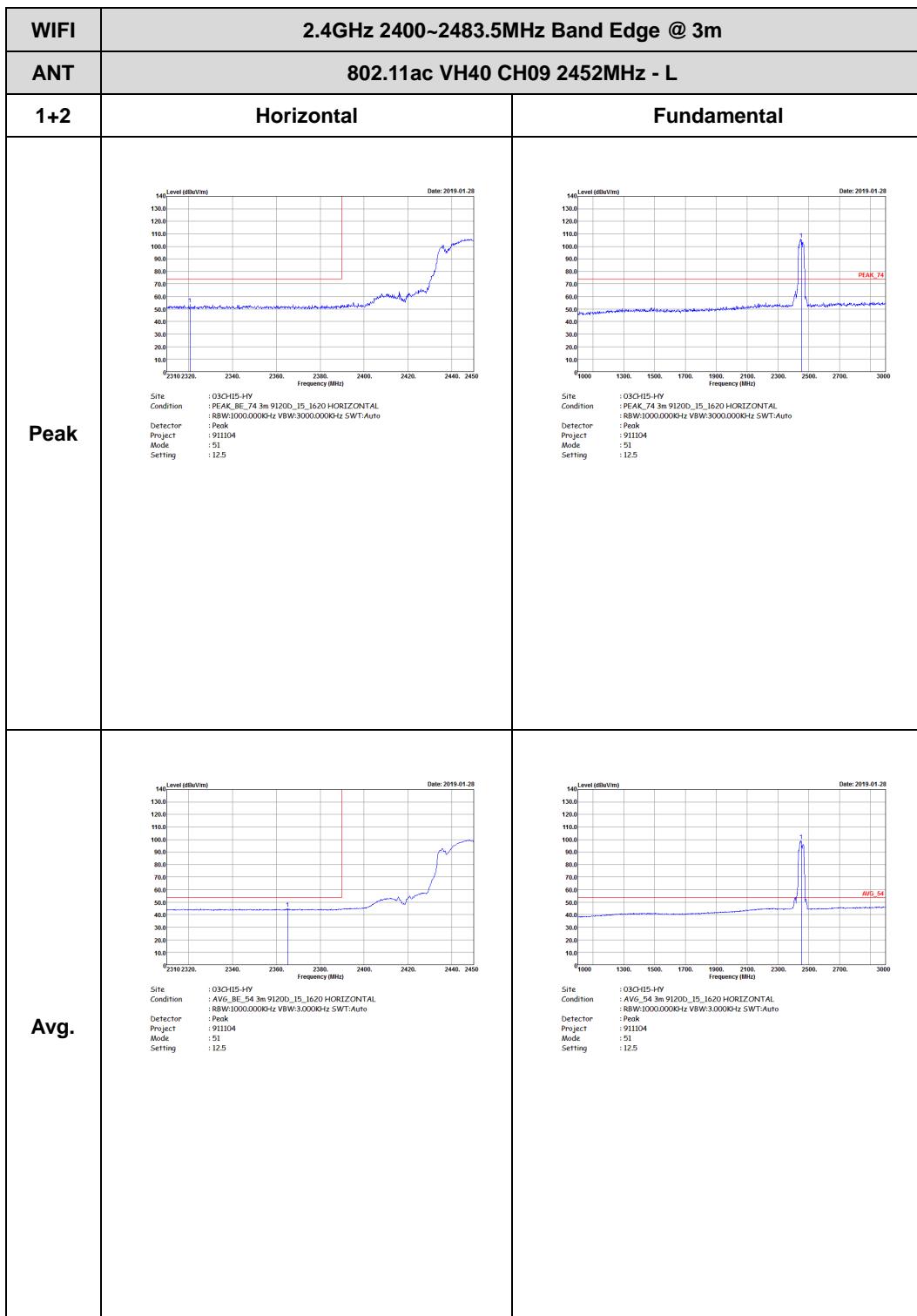


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911104 Mode : 50 Setting : 15</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 50 Setting : 15</p>	Left blank

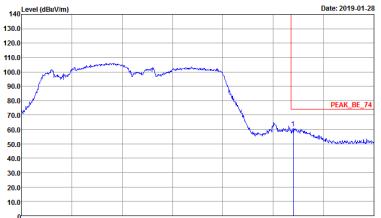


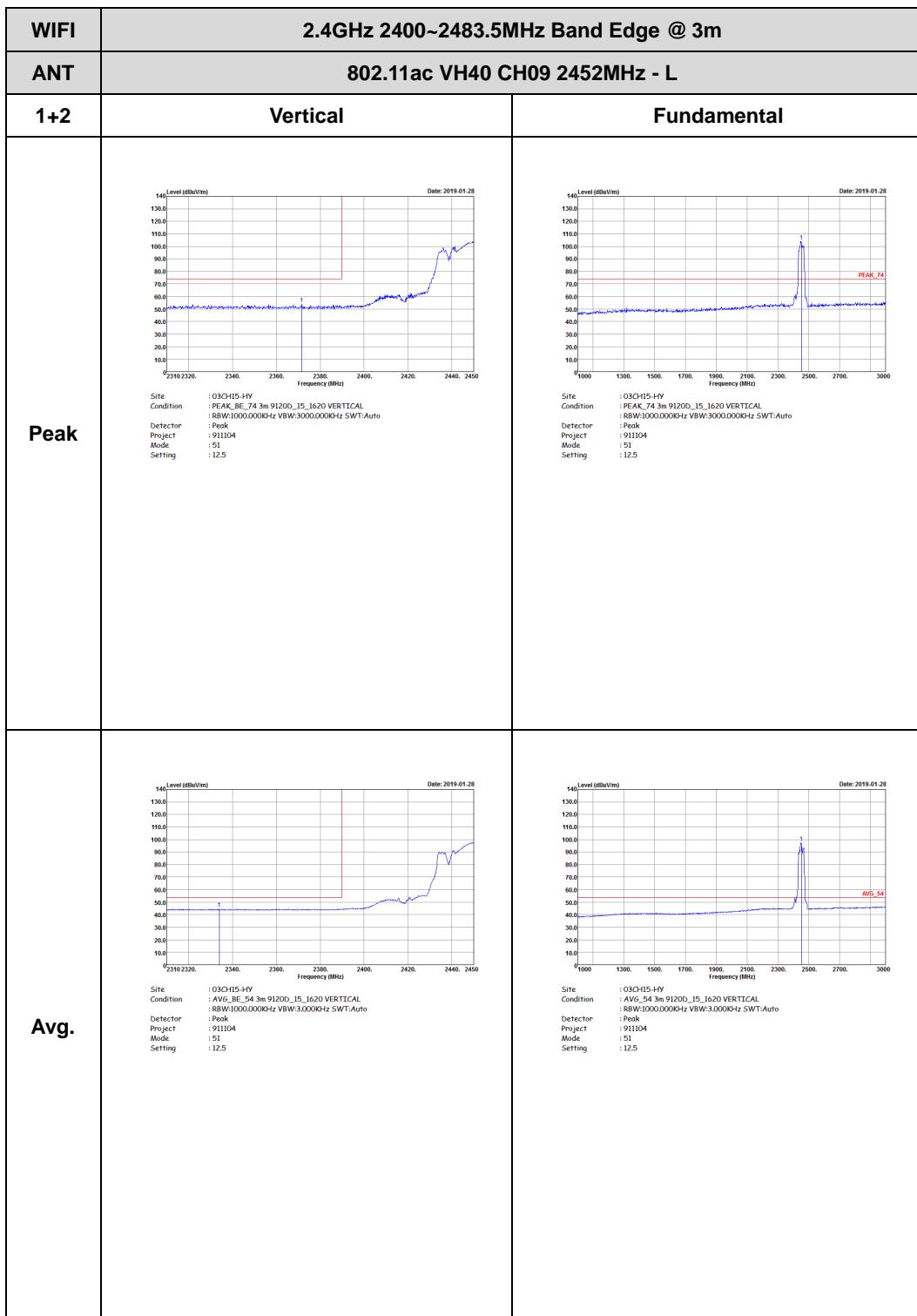


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 50 Setting : 15</p>	Left blank
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3.0000KHz SWT:Auto Project : 911104 Mode : 50 Setting : 15</p>	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: 2019-01-28</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911104 Mode : 51 Setting : 12.5</p>	Left blank
Avg.	 <p>Date: 2019-01-28</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL : RBW:1000.000KHz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 51 Setting : 12.5</p>	Left blank



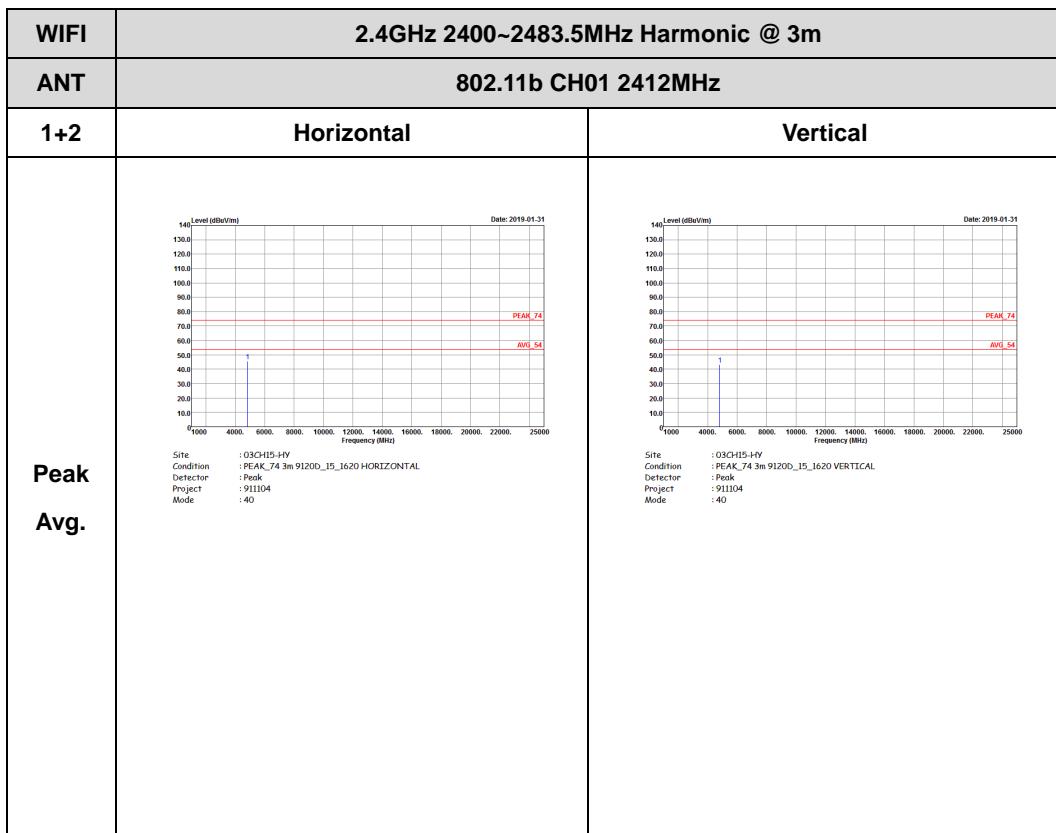


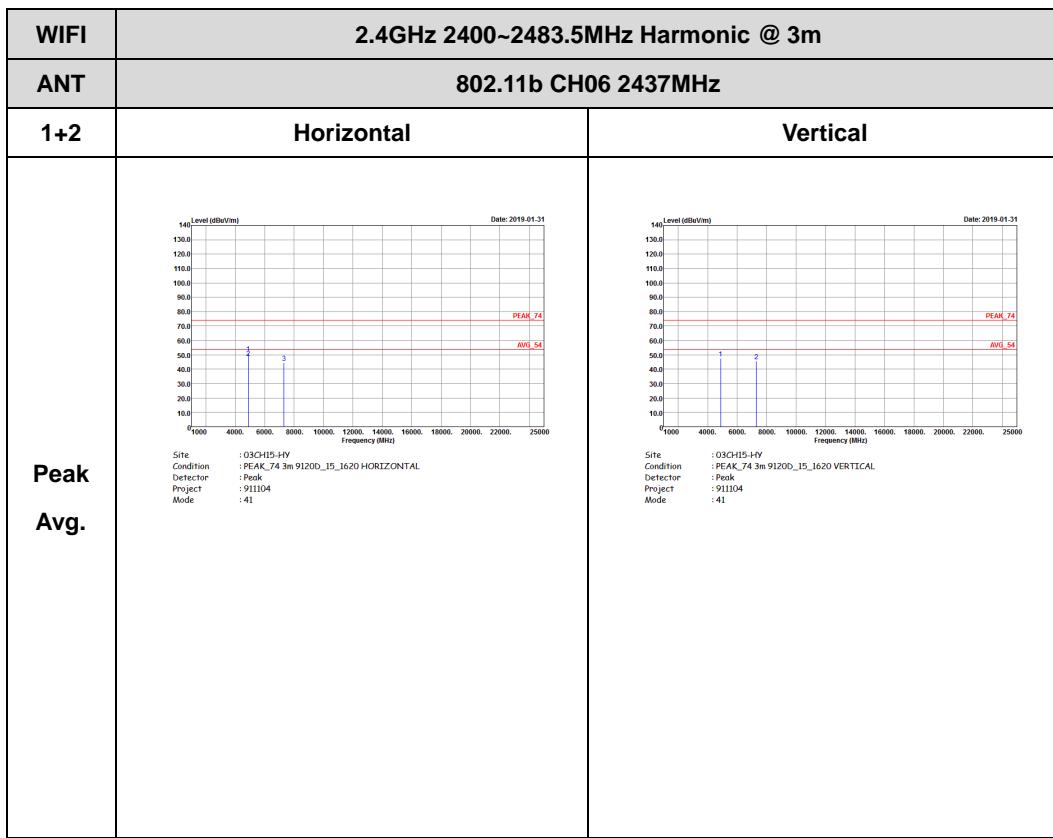
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Date: 2019-01-28</p> <p>PEAK_BE_74</p> <p>Site : 03CH15-HY Condition : PEAK_BE_74 3m 91200.15_1620 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector : Peak Project : 911104 Mode : 51 Setting : 12.5</p>	Left blank
Avg.	<p>Date: 2019-01-28</p> <p>AVG_BE_54</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200.15_1620 VERTICAL : RBW:1000.000KHz VBW:3.0000Hz SWT:Auto Detector : Peak Project : 911104 Mode : 51 Setting : 12.5</p>	Left blank

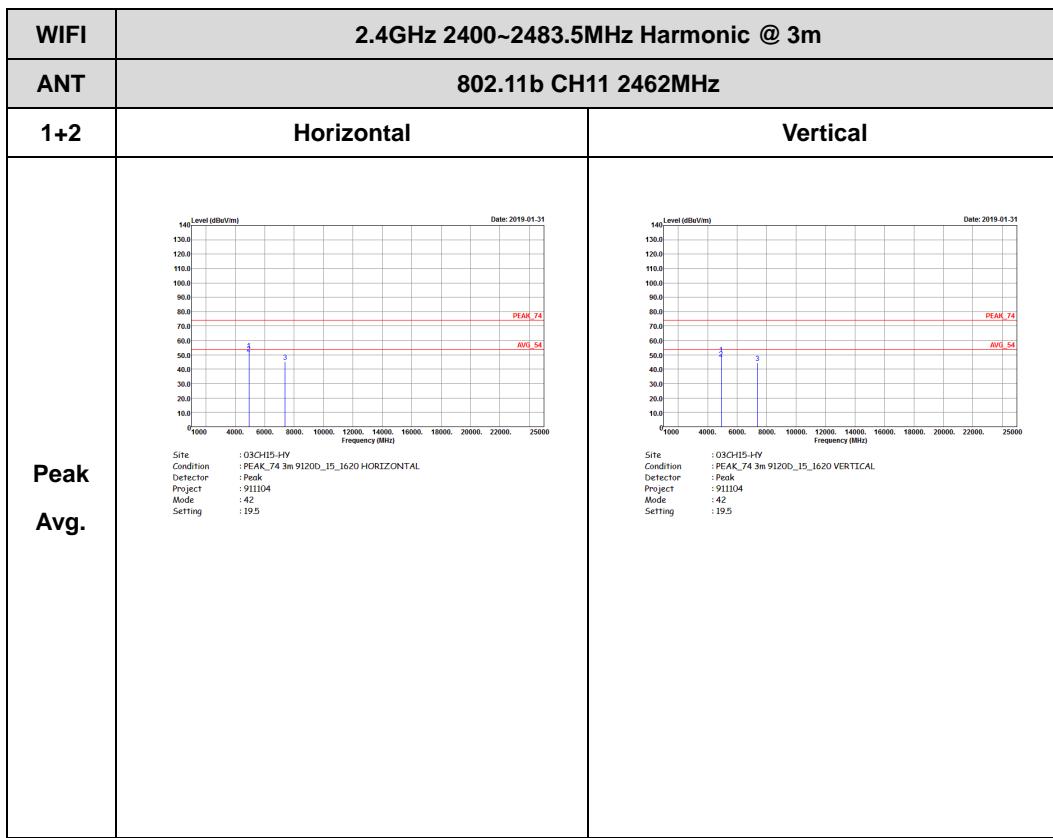


2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)



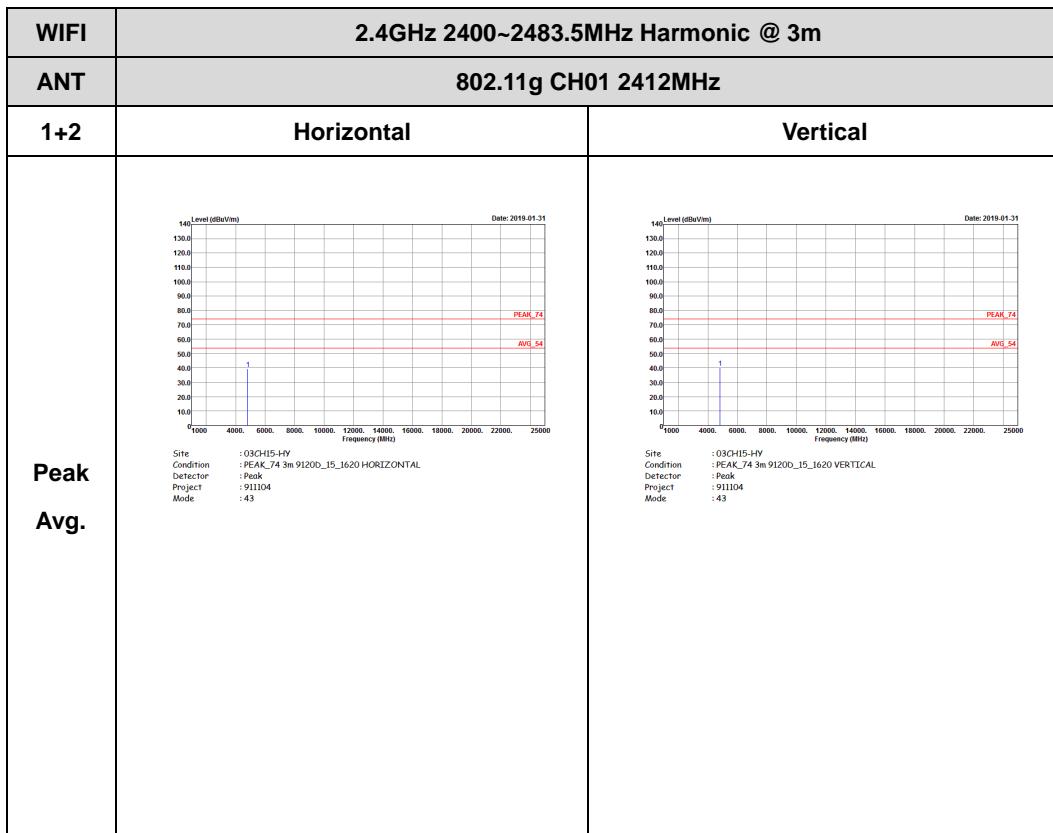


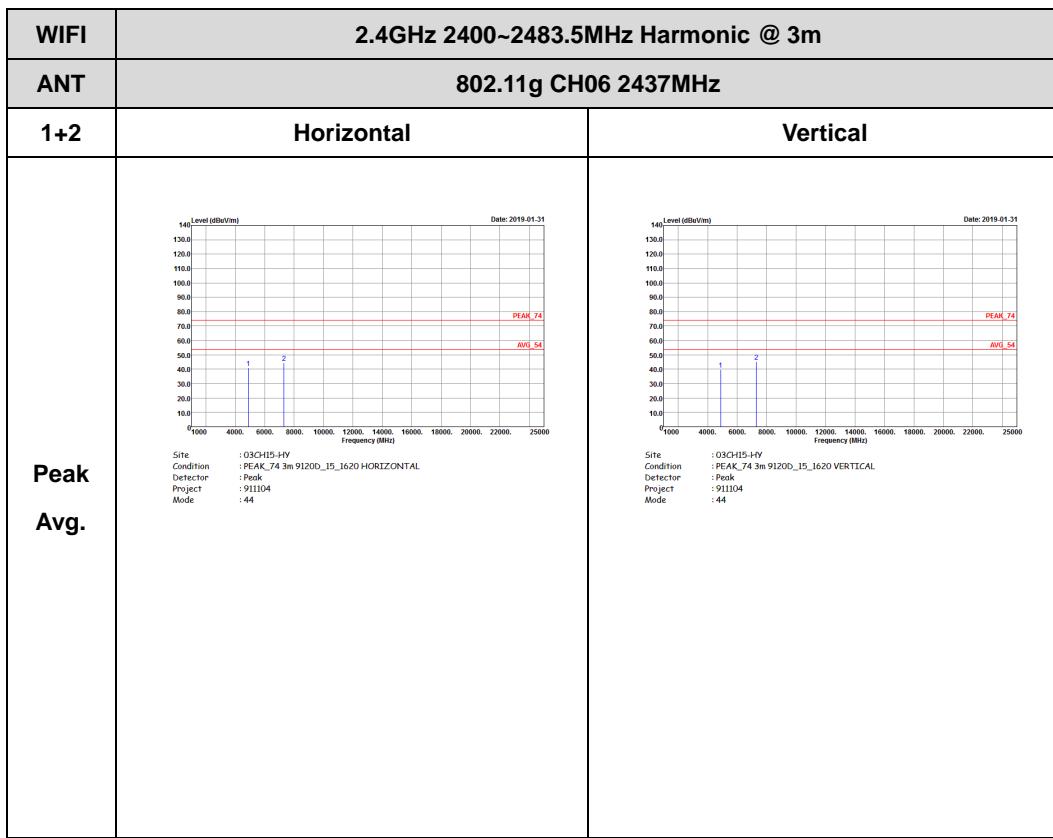


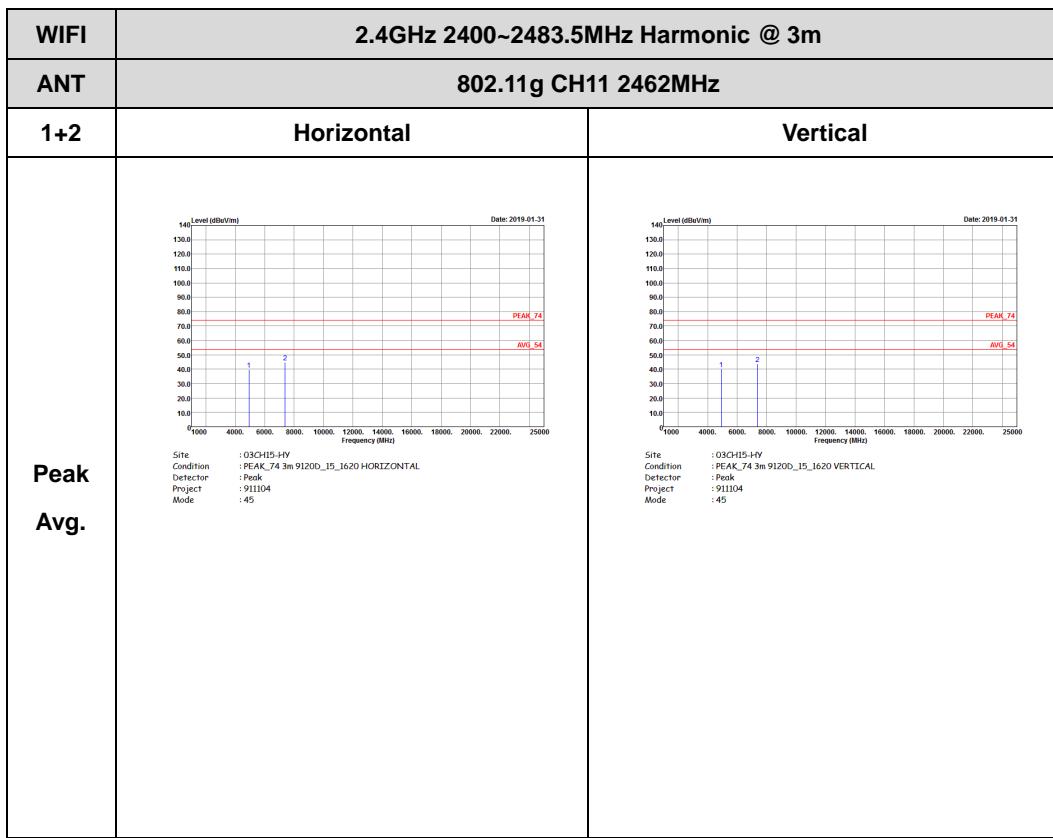


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11g (Harmonic @ 3m)



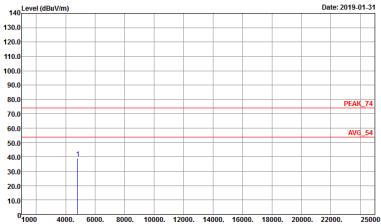
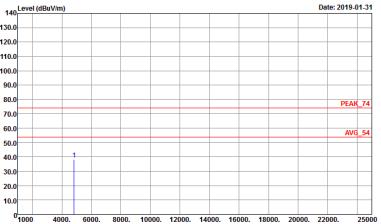


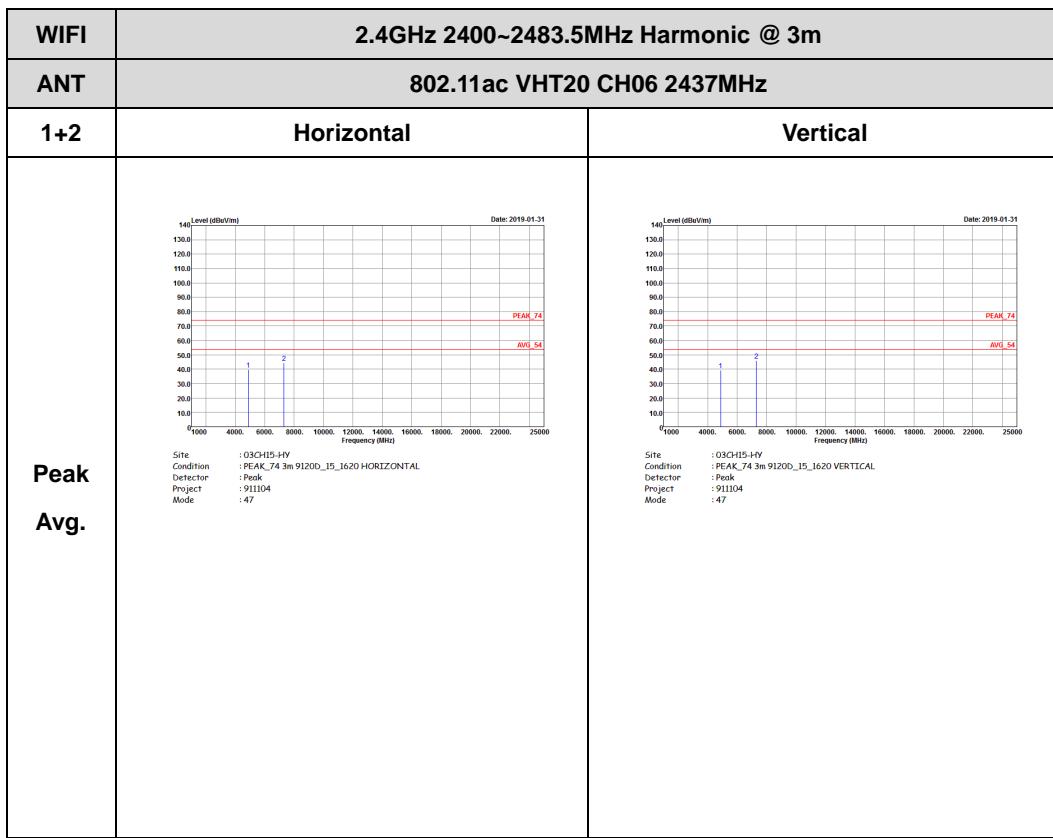


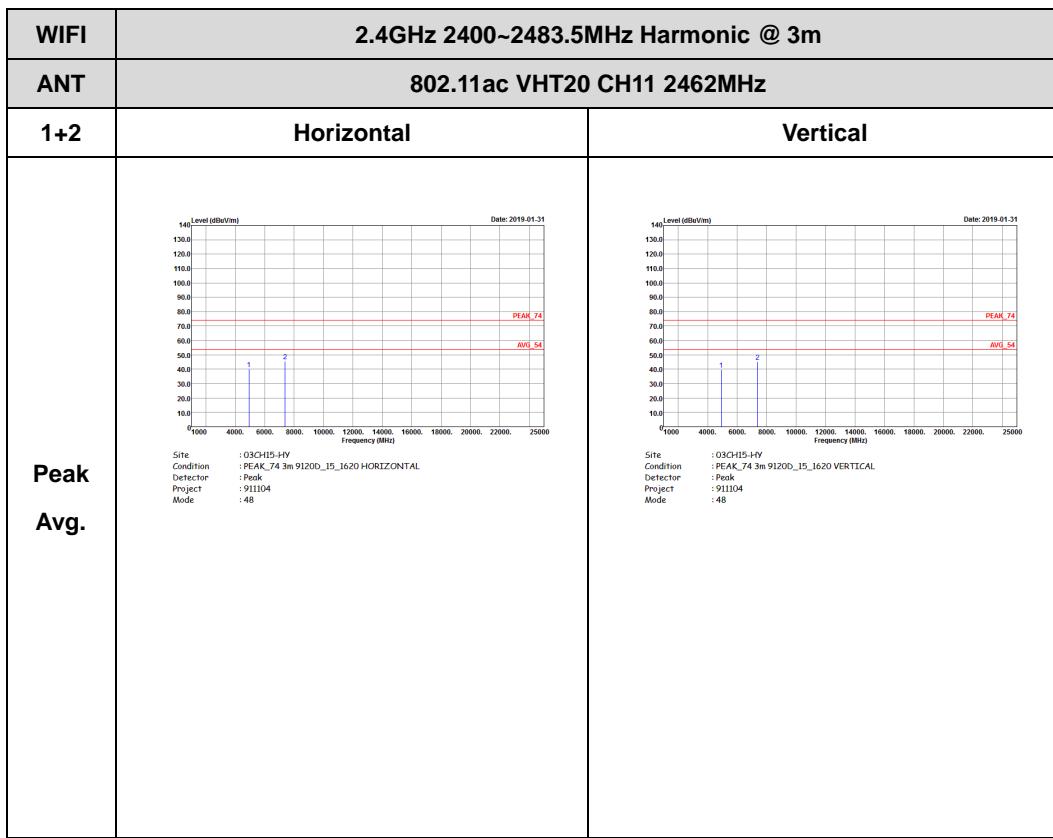


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
1+2	Horizontal	Vertical
Peak	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_15_1620 HORIZONTAL Detector : Peak Project : 911104 Mode : 4G	 Site : 03CH15-HY Condition : PEAK_74 3m 9120D_15_1620 VERTICAL Detector : Peak Project : 911104 Mode : 4G
Avg.		

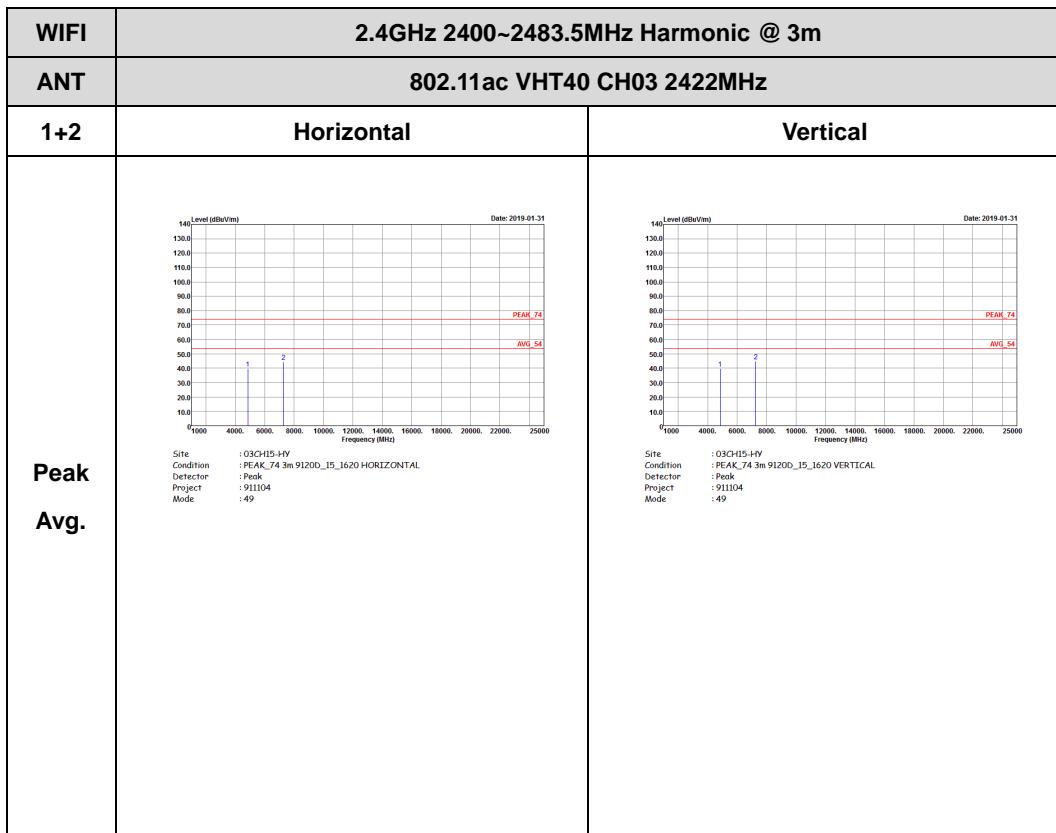


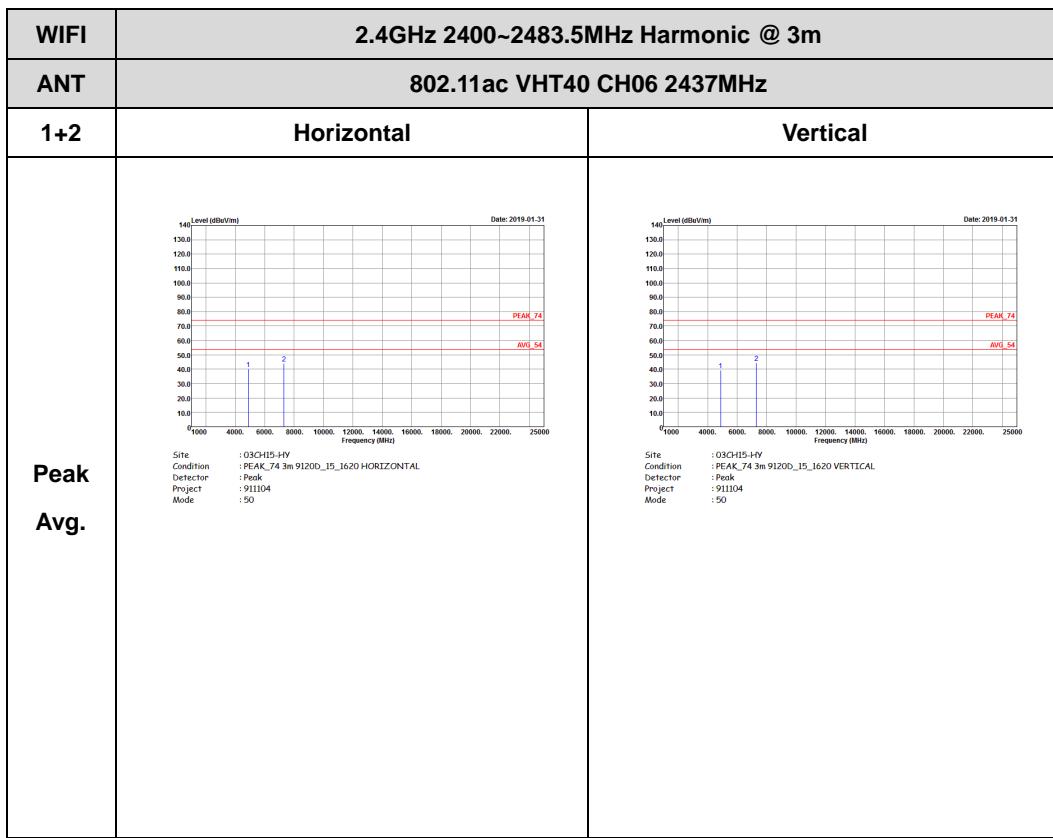


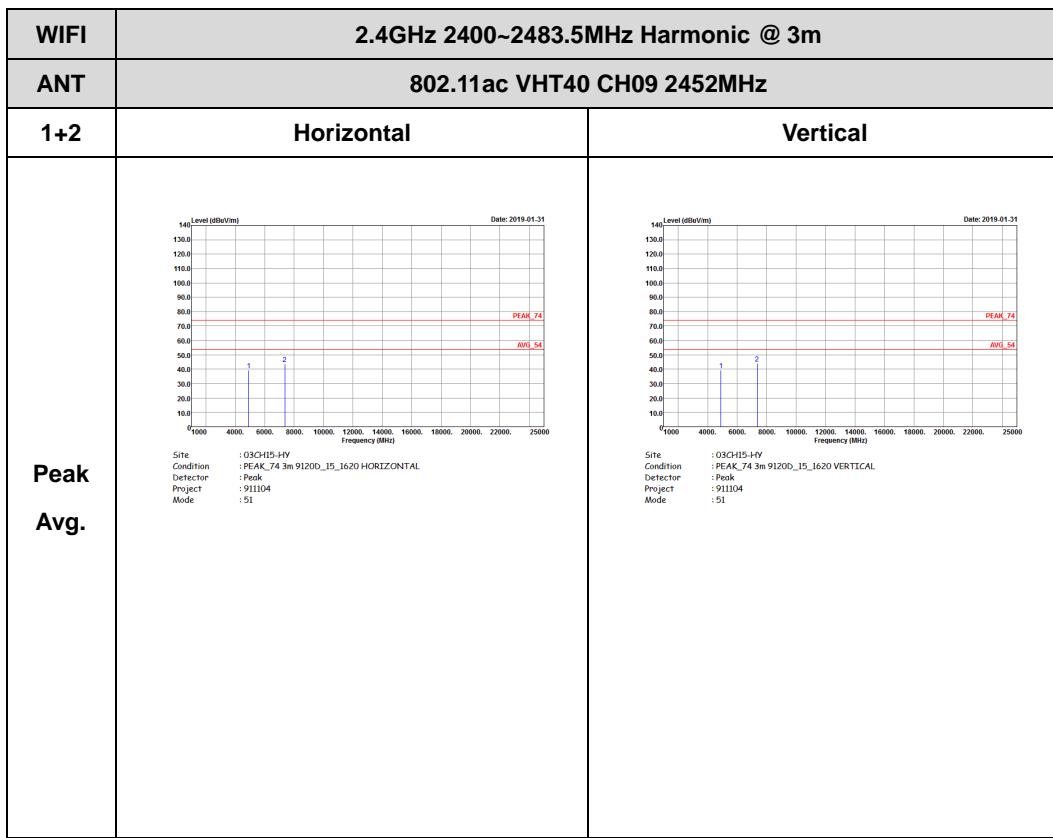


## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT40 (Harmonic @ 3m)



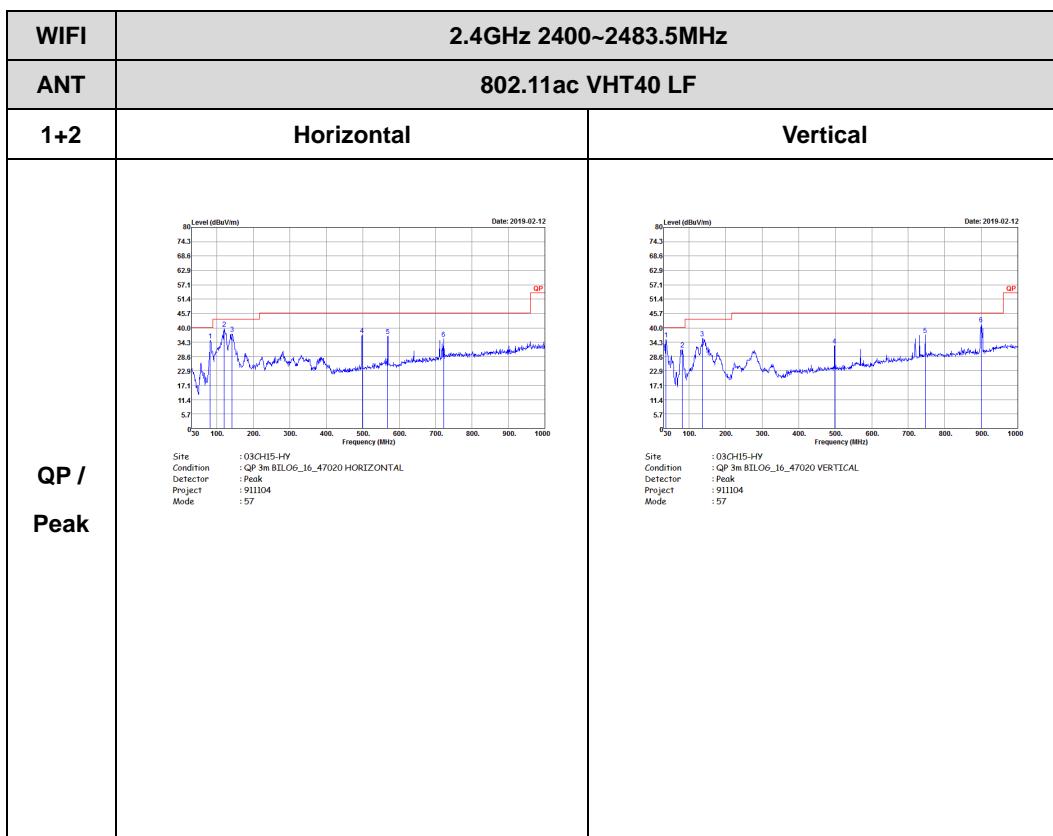






## Emission below 1GHz

## 2.4GHz WIFI 802.11ac VHT40 (LF)

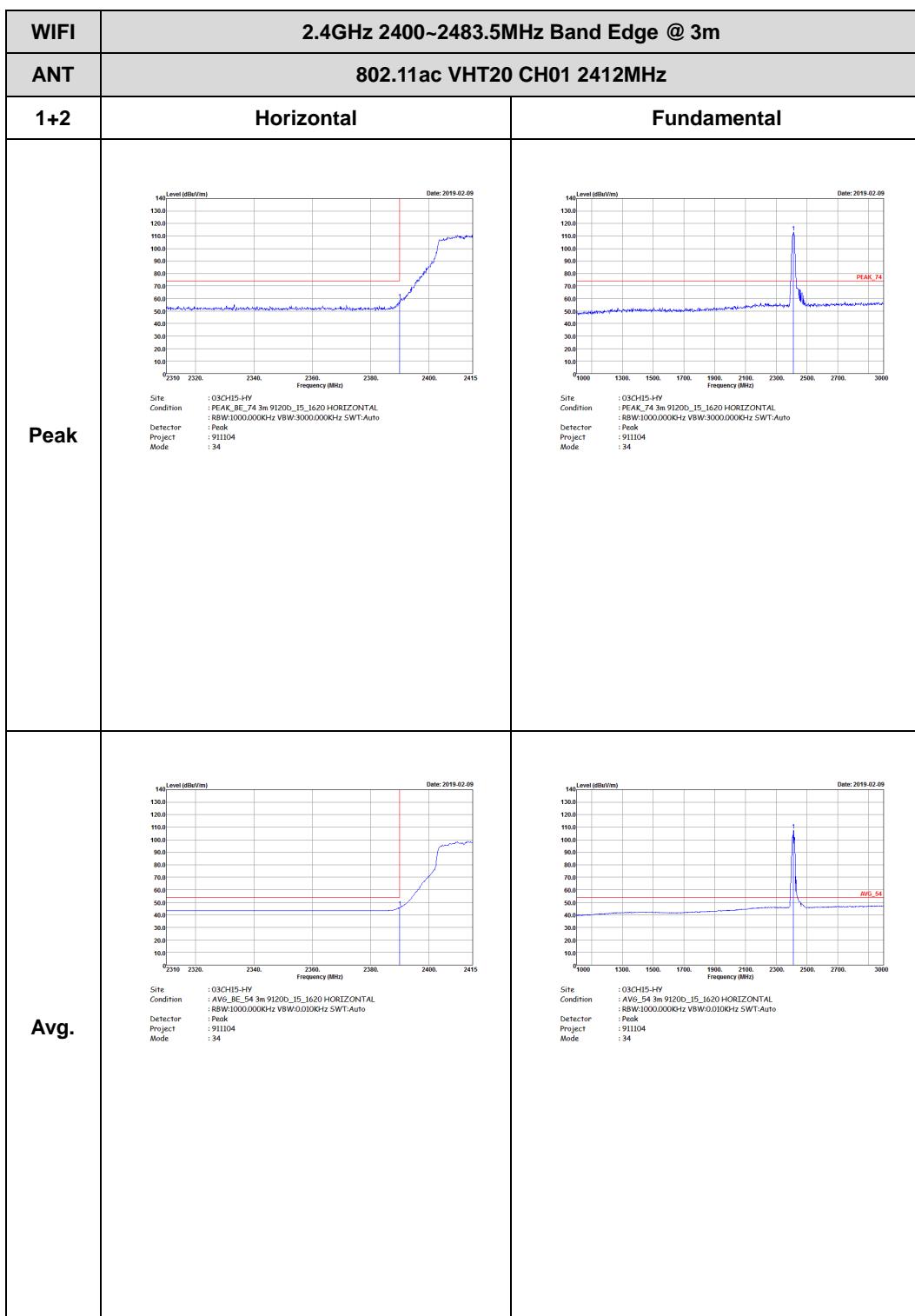


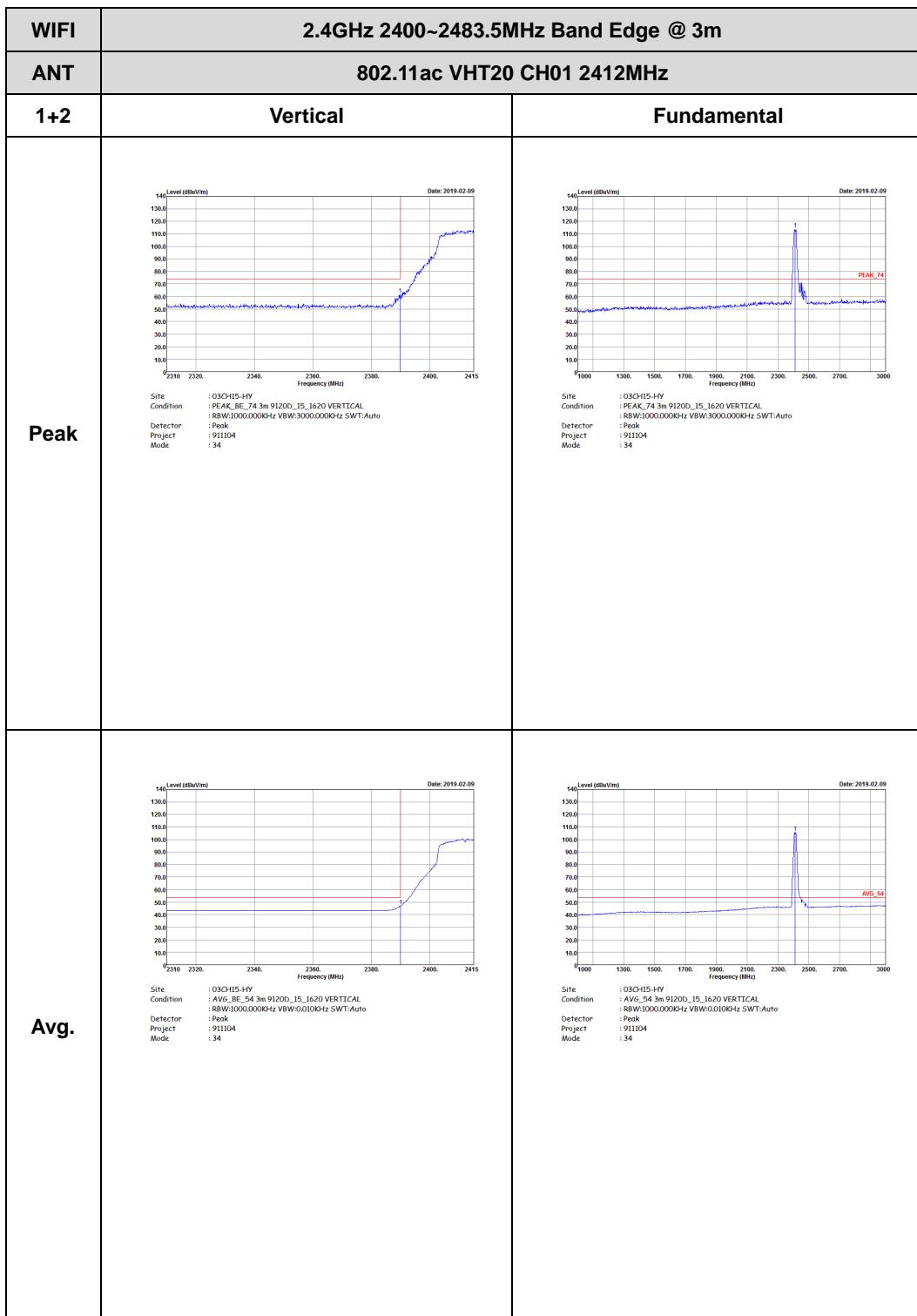


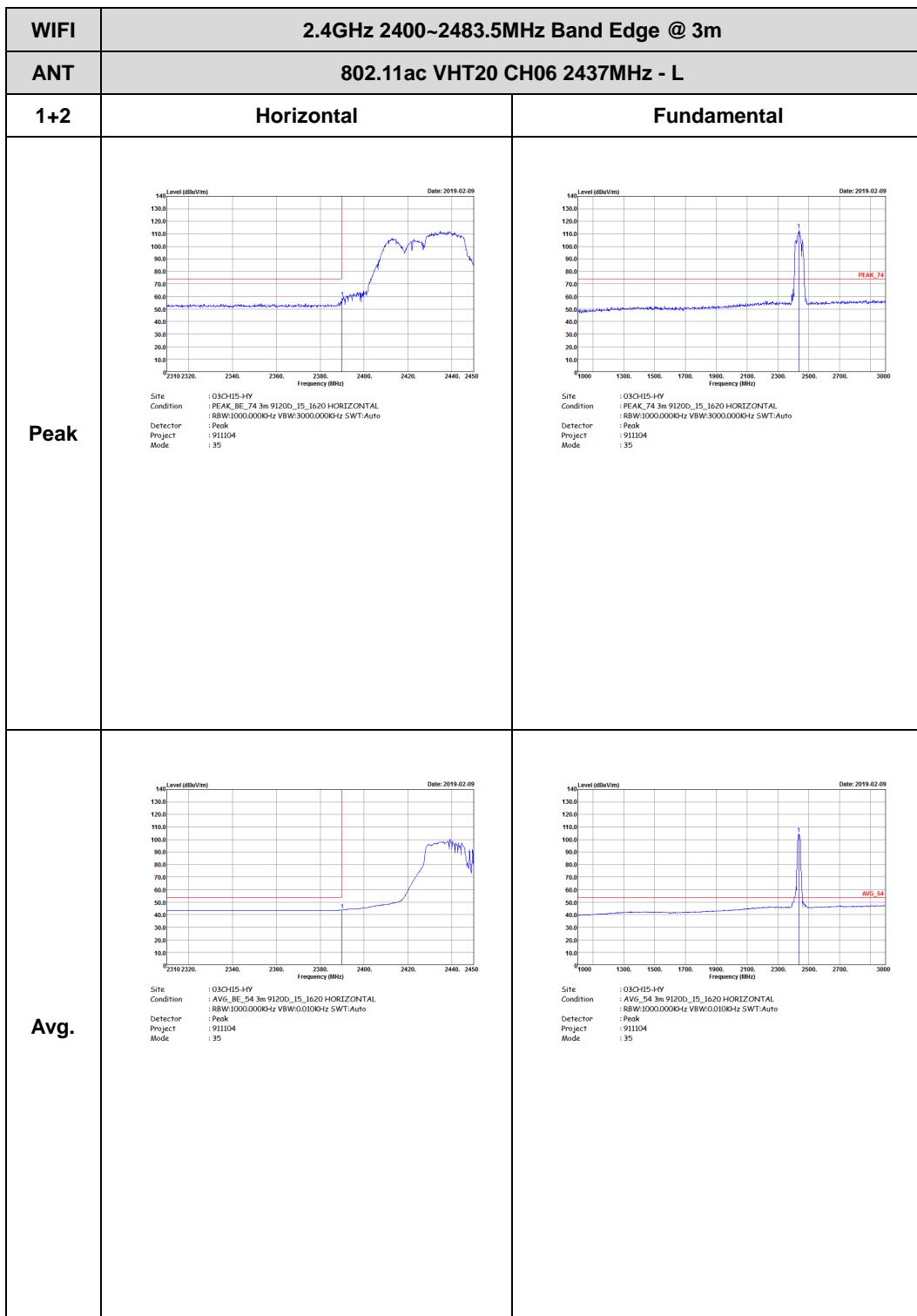
## &lt;TXBF Mode&gt;

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>Site : 03CH15-HY Condition : PEAK_BE_74 3m 9120D_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 911104 Mode : 35</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 9120D_15_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 911104 Mode : 35</p>	Left blank