



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 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. (H/V)
802.11g CH 01 2412MHz		4824	43.67	-30.33	74	57.21	34.1	11.39	59.03	100	0	P	H
													H
													H
													H
		4824	42.2	-31.8	74	55.74	34.1	11.39	59.03	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4874	45.8	-28.2	74	59.17	34.13	11.42	58.92	100	0	P	H
		7311	43.45	-30.55	74	52.08	35.7	13.97	58.3	100	0	P	H
													H
		4874	43.06	-30.94	74	56.43	34.13	11.42	58.92	100	0	P	V
		7311	43.84	-30.16	74	52.47	35.7	13.97	58.3	100	0	P	V
													V
													V
													V
802.11g CH 11 2462MHz		4924	43	-31	74	56.19	34.17	11.45	58.81	100	0	P	H
		7386	44.14	-29.86	74	52.92	35.5	14.07	58.35	100	0	P	H
													H
		4924	43.47	-30.53	74	56.66	34.17	11.45	58.81	100	0	P	V
		7386	43.84	-30.16	74	52.62	35.5	14.07	58.35	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 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 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. (H/V)
802.11n HT20 CH 01 2412MHz		2390	60.72	-13.28	74	45.93	32	17.74	34.95	126	246	P	H
		2390	51.1	-2.9	54	36.31	32	17.74	34.95	126	246	A	H
	*	2412	107.43	-	-	92.57	32.07	17.74	34.95	126	246	P	H
	*	2412	99.92	-	-	85.06	32.07	17.74	34.95	126	246	A	H
													H
													H
		2389.905	55.74	-18.26	74	40.95	32	17.74	34.95	398	145	P	V
		2390	46.59	-7.41	54	31.8	32	17.74	34.95	398	145	A	V
	*	2412	105.57	-	-	90.71	32.07	17.74	34.95	398	145	P	V
	*	2412	97.7	-	-	82.84	32.07	17.74	34.95	398	145	A	V
													V
													V
802.11n HT20 CH 06 2437MHz		2389.8	57.7	-16.3	74	42.91	32	17.74	34.95	298	268	P	H
		2389.94	48.28	-5.72	54	33.49	32	17.74	34.95	298	268	A	H
	*	2437	112.31	-	-	97.28	32.2	17.79	34.96	298	268	P	H
	*	2437	104.27	-	-	89.24	32.2	17.79	34.96	298	268	A	H
		2483.55	56.65	-17.35	74	41.58	32.2	17.84	34.97	298	268	P	H
		2483.5	46.54	-7.46	54	31.47	32.2	17.84	34.97	298	268	A	H
		2380.14	55.64	-18.36	74	40.91	31.93	17.74	34.94	398	156	P	V
		2389.66	46.22	-7.78	54	31.42	32	17.74	34.94	398	156	A	V
	*	2437	110.68	-	-	95.65	32.2	17.79	34.96	398	156	P	V
	*	2437	102.54	-	-	87.51	32.2	17.79	34.96	398	156	A	V
		2495.38	54.73	-19.27	74	39.67	32.2	17.84	34.98	398	156	P	V
		2487.33	45.47	-8.53	54	30.4	32.2	17.84	34.97	398	156	A	V



802.11n HT20 CH 11 2462MHz	*	2462	106.37	-	-	91.3	32.2	17.84	34.97	100	235	P	H
	*	2462	98.48	-	-	83.41	32.2	17.84	34.97	100	235	A	H
		2483.64	62.94	-11.06	74	47.87	32.2	17.84	34.97	100	235	P	H
		2483.56	52.63	-1.37	54	37.56	32.2	17.84	34.97	100	235	A	H
													H
													H
	*	2462	103.48	-	-	88.41	32.2	17.84	34.97	344	152	P	V
	*	2462	96.3	-	-	81.23	32.2	17.84	34.97	344	152	A	V
		2483.72	57.03	-16.97	74	41.96	32.2	17.84	34.97	344	152	P	V
		2483.56	47.71	-6.29	54	32.64	32.2	17.84	34.97	344	152	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 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 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. (H/V)
802.11n HT20 CH 01 2412MHz		4824	43.05	-30.95	74	56.59	34.1	11.39	59.03	100	0	P	H
													H
													H
													H
		4824	42.87	-31.13	74	56.41	34.1	11.39	59.03	100	0	P	V
													V
													V
													V
802.11n HT20 CH 06 2437MHz		4874	47.48	-26.52	74	60.85	34.13	11.42	58.92	100	0	P	H
		7311	44.58	-29.42	74	53.21	35.7	13.97	58.3	100	0	P	H
													H
													H
		4874	42.54	-31.46	74	55.91	34.13	11.42	58.92	100	0	P	V
		7311	44.77	-29.23	74	53.4	35.7	13.97	58.3	100	0	P	V
													V
													V
802.11n HT20 CH 11 2462MHz		4924	42.99	-31.01	74	56.18	34.17	11.45	58.81	100	0	P	H
		7386	45.04	-28.96	74	53.82	35.5	14.07	58.35	100	0	P	H
													H
													H
		4924	43.11	-30.89	74	56.3	34.17	11.45	58.81	100	0	P	V
		7386	44.73	-29.27	74	53.51	35.5	14.07	58.35	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 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 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. (H/V)
802.11n HT40 CH 03 2422MHz		2389.66	60.09	-13.91	74	45.29	32	17.74	34.94	176	246	P	H
		2389.8	51.84	-2.16	54	37.05	32	17.74	34.95	176	246	A	H
	*	2422	104.72	-	-	89.76	32.13	17.79	34.96	176	246	P	H
	*	2422	96.38	-	-	81.42	32.13	17.79	34.96	176	246	A	H
		2499.09	54.66	-19.34	74	39.6	32.2	17.84	34.98	176	246	P	H
		2485.16	45.84	-8.16	54	30.77	32.2	17.84	34.97	176	246	A	H
		2388.96	57.32	-16.68	74	42.52	32	17.74	34.94	398	143	P	V
		2389.52	49.34	-4.66	54	34.54	32	17.74	34.94	398	143	A	V
	*	2422	102.86	-	-	87.9	32.13	17.79	34.96	398	143	P	V
	*	2422	94.49	-	-	79.53	32.13	17.79	34.96	398	143	A	V
802.11n HT40 CH 06 2437MHz		2498.32	54.71	-19.29	74	39.65	32.2	17.84	34.98	398	143	P	V
		2494.4	45.53	-8.47	54	30.47	32.2	17.84	34.98	398	143	A	V
		2388.96	58.7	-15.3	74	43.9	32	17.74	34.94	298	265	P	H
		2389.94	51.27	-2.73	54	36.48	32	17.74	34.95	298	265	A	H
	*	2437	106.53	-	-	91.5	32.2	17.79	34.96	298	265	P	H
	*	2437	99.95	-	-	84.92	32.2	17.79	34.96	298	265	A	H
		2483.9	56.57	-17.43	74	41.5	32.2	17.84	34.97	298	265	P	H
		2483.52	48.37	-5.63	54	33.3	32.2	17.84	34.97	298	265	A	H
		2388.4	55.13	-18.87	74	40.33	32	17.74	34.94	397	154	P	V
		2389.94	47.4	-6.6	54	32.61	32	17.74	34.95	397	154	A	V
802.11n HT40 CH 06 2437MHz	*	2437	105.96	-	-	90.93	32.2	17.79	34.96	397	154	P	V
	*	2437	98.03	-	-	83	32.2	17.79	34.96	397	154	A	V
		2491.95	55.15	-18.85	74	40.09	32.2	17.84	34.98	397	154	P	V
		2485.65	46.53	-7.47	54	31.46	32.2	17.84	34.97	397	154	A	V



		2339.26	54.8	-19.2	74	40.35	31.8	17.59	34.94	120	236	P	H
		2389.66	45.48	-8.52	54	30.68	32	17.74	34.94	120	236	A	H
	*	2452	102.81	-	-	87.79	32.2	17.79	34.97	120	236	P	H
	*	2452	94.79	-	-	79.77	32.2	17.79	34.97	120	236	A	H
		2483.62	60.87	-13.13	74	45.8	32.2	17.84	34.97	120	236	P	H
	HT40	2483.62	52.54	-1.46	54	37.47	32.2	17.84	34.97	120	236	A	H
	CH 09	2328.76	54.27	-19.73	74	39.81	31.8	17.59	34.93	346	152	P	V
	2452MHz	2384.34	45.24	-8.76	54	30.51	31.93	17.74	34.94	346	152	A	V
	*	2452	100.53	-	-	85.51	32.2	17.79	34.97	346	152	P	V
	*	2452	92.71	-	-	77.69	32.2	17.79	34.97	346	152	A	V
		2485.3	54.7	-19.3	74	39.63	32.2	17.84	34.97	346	152	P	V
		2484.53	46.85	-7.15	54	31.78	32.2	17.84	34.97	346	152	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 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 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. (H/V)
802.11n HT40 CH 03 2422MHz		4844	42.37	-31.63	74	55.77	34.2	11.39	58.99	100	0	P	H
		7266	43.5	-30.5	74	52.3	35.57	13.91	58.28	100	0	P	H
													H
													H
		4844	42.4	-31.6	74	55.8	34.2	11.39	58.99	100	0	P	V
		7266	43.25	-30.75	74	52.05	35.57	13.91	58.28	100	0	P	V
													V
													V
802.11n HT40 CH 06 2437MHz		4874	45.96	-28.04	74	59.33	34.13	11.42	58.92	100	0	P	H
		7311	43.43	-30.57	74	52.06	35.7	13.97	58.3	100	0	P	H
													H
													H
		4874	42.4	-31.6	74	55.77	34.13	11.42	58.92	100	0	P	V
		7311	43.85	-30.15	74	52.48	35.7	13.97	58.3	100	0	P	V
													V
													V
802.11n HT40 CH 09 2452MHz		4904	43.51	-30.49	74	56.78	34.13	11.45	58.85	100	0	P	H
		7356	42.86	-31.14	74	51.67	35.5	14.02	58.33	100	0	P	H
													H
													H
		4904	42.22	-31.78	74	55.49	34.13	11.45	58.85	100	0	P	V
		7356	43.88	-30.12	74	52.69	35.5	14.02	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 802.11n HT20 (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.	
2		(MHz)	(dB μ V/m)	(dB)	(dB μ V/m)	(dB μ V)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11n HT20 LF		30	22.75	-17.25	40	26.81	24.6	1.32	29.98	-	-	P	H
		84	22.94	-17.06	40	37.46	13.75	1.72	29.99	-	-	P	H
		130.98	22.54	-20.96	43.5	33.06	17.42	2.01	29.95	-	-	P	H
		647.9	27.74	-18.26	46	27.02	26.21	4.16	29.65	-	-	P	H
		835.5	31.17	-14.83	46	27.22	28.34	4.77	29.16	-	-	P	H
		956.6	33.82	-12.18	46	26.57	30.69	5.08	28.52	100	0	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
Remark	1.	No other spurious found.											
	2.	All results are PASS against limit line.											



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

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 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		2375.73	54.86	-19.14	74	40.2	31.93	17.67	34.94	400	152	P	H
		2387.07	44.97	-9.03	54	30.17	32	17.74	34.94	400	152	A	H
	*	2412	107.38	-	-	92.52	32.07	17.74	34.95	400	152	P	H
	*	2412	104.17	-	-	89.31	32.07	17.74	34.95	400	152	A	H
													H
													H
		2347.8	55.52	-18.48	74	41	31.8	17.66	34.94	287	94	P	V
		2388.96	45.68	-8.32	54	30.88	32	17.74	34.94	287	94	P	V
	*	2412	108.22	-	-	93.36	32.07	17.74	34.95	287	94	P	V
	*	2412	105.25	-	-	90.39	32.07	17.74	34.95	287	94	A	V
802.11b CH 06 2437MHz													V
		2384.06	54.96	-19.04	74	40.23	31.93	17.74	34.94	395	17	P	H
		2388.4	44.58	-9.42	54	29.78	32	17.74	34.94	395	17	A	H
	*	2437	110.84	-	-	95.81	32.2	17.79	34.96	395	17	P	H
	*	2437	107.8	-	-	92.77	32.2	17.79	34.96	395	17	A	H
		2497.76	55.27	-18.73	74	40.21	32.2	17.84	34.98	395	17	P	H
		2484.6	44.69	-9.31	54	29.62	32.2	17.84	34.97	395	17	A	H
		2386.44	55.72	-18.28	74	40.92	32	17.74	34.94	101	72	P	V
		2389.94	44.86	-9.14	54	30.07	32	17.74	34.95	101	72	A	V
	*	2437	114.36	-	-	99.33	32.2	17.79	34.96	101	72	P	V
	*	2437	111.28	-	-	96.25	32.2	17.79	34.96	101	72	A	V
		2484.67	55.47	-18.53	74	40.4	32.2	17.84	34.97	101	72	P	V
		2483.83	44.97	-9.03	54	29.9	32.2	17.84	34.97	101	72	A	V



802.11b CH 11 2462MHz	*	2462	105.62	-	-	90.55	32.2	17.84	34.97	374	150	P	H	
	*	2462	101.6	-	-	86.53	32.2	17.84	34.97	374	150	P	H	
		2490.84	56.05	-17.95	74	40.98	32.2	17.84	34.97	374	150	P	H	
		2484.68	45.85	-8.15	54	30.78	32.2	17.84	34.97			P	H	
													H	
													H	
	*	2462	109.12	-	-	94.05	32.2	17.84	34.97	308	83	P	V	
	*	2464	106.15	-	-	91.08	32.2	17.84	34.97	308	83	A	V	
		2485.2	56.29	-17.71	74	41.22	32.2	17.84	34.97	308	83	P	V	
		2484.64	45.15	-8.85	54	30.08	32.2	17.84	34.97	308	83	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 802.11b (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. (H/V)
802.11b CH 01 2412MHz		4824	42.6	-31.4	74	56.14	34.1	11.39	59.03	100	0	P	H
													H
													H
													H
		4824	42.37	-31.63	74	55.91	34.1	11.39	59.03	100	0	P	V
													V
													V
													V
802.11b CH 06 2437MHz		4874	45.5	-28.5	74	58.87	34.13	11.42	58.92	100	0	P	H
		7311	47.86	-26.14	74	56.49	35.7	13.97	58.3	100	0	P	H
													H
		4874	46	-28	74	59.37	34.13	11.42	58.92	100	0	P	V
		7311	46.63	-27.37	74	55.26	35.7	13.97	58.3	100	0	P	V
													V
													V
													V
802.11b CH 11 2462MHz		4924	46.9	-27.1	74	60.09	34.17	11.45	58.81	100	0	P	H
		7386	48.18	-25.82	74	56.96	35.5	14.07	58.35	100	0	P	H
													H
		4924	48.92	-25.08	74	62.11	34.17	11.45	58.81	100	0	P	V
		7386	48.58	-25.42	74	57.36	35.5	14.07	58.35	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 802.11g (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. (H/V)
802.11g CH 01 2412MHz		2389.8	55.51	-18.49	74	40.72	32	17.74	34.95	394	30	P	H
		2390	46.34	-7.66	54	31.55	32	17.74	34.95	394	30	A	H
	*	2412	108.75	-	-	93.89	32.07	17.74	34.95	394	30	P	H
	*	2412	102.16	-	-	87.3	32.07	17.74	34.95	394	30	A	H
													H
													H
		2390	62.2	-11.8	74	47.41	32	17.74	34.95	107	86	P	V
		2390	51.61	-2.39	54	36.82	32	17.74	34.95	107	86	A	V
	*	2412	111.47	-	-	96.61	32.07	17.74	34.95	107	86	P	V
	*	2412	103.83	-	-	88.97	32.07	17.74	34.95	107	86	A	V
													V
													V
802.11g CH 06 2437MHz		2349.62	55.03	-18.97	74	40.51	31.8	17.66	34.94	396	13	P	H
		2389.52	45.69	-8.31	54	30.89	32	17.74	34.94	396	13	A	H
	*	2437	112.74	-	-	97.71	32.2	17.79	34.96	396	13	P	H
	*	2437	106.25	-	-	91.22	32.2	17.79	34.96	396	13	A	H
		2488.94	56.13	-17.87	74	41.06	32.2	17.84	34.97	396	13	P	H
		2484.32	45.82	-8.18	54	30.75	32.2	17.84	34.97	396	13	A	H
		2389.38	57.66	-16.34	74	42.86	32	17.74	34.94	101	72	P	V
		2389.94	49.01	-4.99	54	34.22	32	17.74	34.95	101	72	A	V
	*	2437	115.24	-	-	100.21	32.2	17.79	34.96	101	72	P	V
	*	2437	108.14	-	-	93.11	32.2	17.79	34.96	101	72	A	V
		2483.69	57.97	-16.03	74	42.9	32.2	17.84	34.97	101	72	P	V
		2483.83	48.17	-5.83	54	33.1	32.2	17.84	34.97	101	72	A	V



802.11g CH 11 2462MHz	*	2462	109.97	-	-	94.9	32.2	17.84	34.97	374	18	P	H	
	*	2462	102.47	-	-	87.4	32.2	17.84	34.97	374	18	A	H	
		2483.52	62.08	-11.92	74	47.01	32.2	17.84	34.97	374	18	P	H	
		2483.52	51.43	-2.57	54	36.36	32.2	17.84	34.97	374	18	A	H	
													H	
													H	
	*	2462	110.76	-	-	95.69	32.2	17.84	34.97	108	85	P	V	
	*	2462	103.48	-	-	88.41	32.2	17.84	34.97	108	85	A	V	
		2484	66.36	-7.64	74	51.29	32.2	17.84	34.97	108	85	P	V	
		2483.56	52.81	-1.19	54	37.74	32.2	17.84	34.97	108	85	A	V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 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. (H/V)
802.11g CH 01 2412MHz		4824	43.51	-30.49	74	57.05	34.1	11.39	59.03	100	0	P	H
													H
													H
													H
		4824	43.57	-30.43	74	57.11	34.1	11.39	59.03	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4874	43.67	-30.33	74	57.04	34.13	11.42	58.92	100	0	P	H
		7311	48.36	-25.64	74	56.99	35.7	13.97	58.3	100	0	P	H
													H
		4874	45.97	-28.03	74	59.34	34.13	11.42	58.92	100	0	P	V
		7311	49.1	-24.9	74	57.73	35.7	13.97	58.3	100	0	P	V
													V
													V
													V
802.11g CH 11 2462MHz		4924	44.01	-29.99	74	57.2	34.17	11.45	58.81	100	0	P	H
		7386	44.64	-29.36	74	53.42	35.5	14.07	58.35	100	0	P	H
													H
		4924	43.46	-30.54	74	56.65	34.17	11.45	58.81	100	0	P	V
		7386	43.92	-30.08	74	52.7	35.5	14.07	58.35	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 802.11n HT20 (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. (H/V)
802.11n HT20 CH 01 2412MHz		2389.59	61.48	-12.52	74	46.68	32	17.74	34.94	252	65	P	V
		2390	52.49	-1.51	54	37.7	32	17.74	34.95	252	65	A	V
	*	2412	113.11	-	-	98.25	32.07	17.74	34.95	252	65	P	V
	*	2412	105.12	-	-	90.26	32.07	17.74	34.95	252	65	A	V
													H
													H
		2390	55.19	-18.81	74	40.4	32	17.74	34.95	394	153	P	H
		2390	46.86	-7.14	54	32.07	32	17.74	34.95	394	153	A	H
	*	2412	106.77	-	-	91.91	32.07	17.74	34.95	394	153	P	H
	*	2412	98.63	-	-	83.77	32.07	17.74	34.95	394	153	A	H
													V
													V
802.11n HT20 CH 06 2437MHz		2380.56	54.7	-19.3	74	39.97	31.93	17.74	34.94	396	10	P	H
		2389.94	45.11	-8.89	54	30.32	32	17.74	34.95	396	10	A	H
	*	2437	112.28	-	-	97.25	32.2	17.79	34.96	396	10	P	H
	*	2437	103.98	-	-	88.95	32.2	17.79	34.96	396	10	A	H
		2492.93	55.32	-18.68	74	40.26	32.2	17.84	34.98	396	10	P	H
		2484.46	45.36	-8.64	54	30.29	32.2	17.84	34.97	396	10	A	H
		2388.54	56.87	-17.13	74	42.07	32	17.74	34.94	100	73	P	V
		2389.94	47.85	-6.15	54	33.06	32	17.74	34.95	100	73	A	V
	*	2437	115.22	-	-	100.19	32.2	17.79	34.96	100	73	P	V
	*	2437	107.47	-	-	92.44	32.2	17.79	34.96	100	73	A	V
		2484.46	56.81	-17.19	74	41.74	32.2	17.84	34.97	100	73	P	V
		2483.5	47.47	-6.53	54	32.4	32.2	17.84	34.97	100	73	A	V



802.11n HT20 CH 11 2462MHz	*	2462	108.09	-	-	93.02	32.2	17.84	34.97	374	19	P	H
	*	2462	100.46	-	-	85.39	32.2	17.84	34.97	374	19	A	H
		2483.72	63.06	-10.94	74	47.99	32.2	17.84	34.97	374	19	P	H
		2483.56	52.31	-1.69	54	37.24	32.2	17.84	34.97	374	19	P	H
													H
													H
	*	2462	111.42	-	-	96.35	32.2	17.84	34.97	102	6	P	V
	*	2462	104.33	-	-	89.26	32.2	17.84	34.97	102	6	A	V
		2484.92	61.98	-12.02	74	46.91	32.2	17.84	34.97	102	6	P	V
		2483.52	52.33	-1.67	54	37.26	32.2	17.84	34.97	102	6	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 802.11n HT20 (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. (H/V)
802.11n HT20 CH 01 2412MHz		4824	43.31	-30.69	74	56.85	34.1	11.39	59.03	100	0	P	H
													H
													H
													H
		4824	42.87	-31.13	74	56.41	34.1	11.39	59.03	100	0	P	V
													V
													V
													V
802.11n HT20 CH 06 2437MHz		4874	44.66	-29.34	74	58.03	34.13	11.42	58.92	100	0	P	H
		7311	48.08	-25.92	74	56.71	35.7	13.97	58.3	100	0	P	H
													H
													H
		4874	48.34	-25.66	74	61.71	34.13	11.42	58.92	100	0	P	V
		7311	45.86	-28.14	74	54.49	35.7	13.97	58.3	100	0	P	V
													V
													V
802.11n HT20 CH 11 2462MHz		4924	42.94	-31.06	74	56.13	34.17	11.45	58.81	100	0	P	H
		7386	44.36	-29.64	74	53.14	35.5	14.07	58.35	100	0	P	H
													H
													H
		4924	43	-31	74	56.19	34.17	11.45	58.81	100	0	P	V
		7386	44.78	-29.22	74	53.56	35.5	14.07	58.35	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 802.11n HT40 (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. (H/V)
802.11n HT40 CH 03 2422MHz		2389.94	58.51	-15.49	74	43.72	32	17.74	34.95	395	157	P	H
		2389.94	50.55	-3.45	54	35.76	32	17.74	34.95	395	157	A	H
	*	2422	105.25	-	-	90.29	32.13	17.79	34.96	395	157	P	H
	*	2422	97.44	-	-	82.48	32.13	17.79	34.96	395	157	A	H
		2485.37	56.18	-17.82	74	41.11	32.2	17.84	34.97	395	157	P	H
		2489.22	46.39	-7.61	54	31.32	32.2	17.84	34.97	395	157	A	H
		2388.82	60.91	-13.09	74	46.11	32	17.74	34.94	200	334	P	V
		2389.8	52.6	-1.4	54	37.81	32	17.74	34.95	200	334	A	V
	*	2422	107.56	-	-	92.6	32.13	17.79	34.96	200	334	P	V
	*	2422	100.15	-	-	85.19	32.13	17.79	34.96	200	334	A	V
802.11n HT40 CH 06 2437MHz		2487.47	54.73	-19.27	74	39.66	32.2	17.84	34.97	200	334	P	V
		2484.18	46.19	-7.81	54	31.12	32.2	17.84	34.97	200	334	A	V
		2388.54	55.37	-18.63	74	40.57	32	17.74	34.94	397	9	P	H
		2389.66	46.05	-7.95	54	31.25	32	17.74	34.94	397	9	A	H
	*	2437	104.92	-	-	89.89	32.2	17.79	34.96	397	9	P	H
	*	2437	97.99	-	-	82.96	32.2	17.79	34.96	397	9	A	H
		2487.68	54.92	-19.08	74	39.85	32.2	17.84	34.97	397	9	P	H
		2483.9	46.53	-7.47	54	31.46	32.2	17.84	34.97	397	9	A	H
		2388.54	58.32	-15.68	74	43.52	32	17.74	34.94	109	72	P	V
		2389.8	49.56	-4.44	54	34.77	32	17.74	34.95	109	72	A	V



		2373	54.94	-19.06	74	40.28	31.93	17.67	34.94	374	4	P	H	
		2330.86	45.23	-8.77	54	30.77	31.8	17.59	34.93	374	4	A	H	
	*	2452	103.44	-	-	88.42	32.2	17.79	34.97	374	4	P	H	
	*	2452	95.7	-	-	80.68	32.2	17.79	34.97	374	4	A	H	
		2484.88	59.78	-14.22	74	44.71	32.2	17.84	34.97	374	4	P	H	
	802.11n	2483.62	51.8	-2.2	54	36.73	32.2	17.84	34.97	374	4	A	H	
	HT40	2353.68	54.76	-19.24	74	40.17	31.87	17.66	34.94	100	347	P	V	
	CH 09	2389.38	45.4	-8.6	54	30.6	32	17.74	34.94	100	347	A	V	
	2452MHz	*	2452	107.39	-	-	92.37	32.2	17.79	34.97	100	347	P	V
		*	2452	99.45	-	-	84.43	32.2	17.79	34.97	100	347	A	V
			2483.69	59.28	-14.72	74	44.21	32.2	17.84	34.97	100	347	P	V
			2483.5	51.69	-2.31	54	36.62	32.2	17.84	34.97	100	347	A	V
Remark		<ol style="list-style-type: none">1. No other spurious found.2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (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. (H/V)
802.11n HT40 CH 03 2422MHz		4844	42.3	-31.7	74	55.7	34.2	11.39	58.99	100	0	P	H
		7266	43.95	-30.05	74	52.75	35.57	13.91	58.28	100	0	P	H
													H
													H
		4844	42.42	-31.58	74	55.82	34.2	11.39	58.99	100	0	P	V
		7266	43.48	-30.52	74	52.28	35.57	13.91	58.28	100	0	P	V
													V
802.11n HT40 CH 06 2437MHz		4874	42.43	-31.57	74	55.8	34.13	11.42	58.92	100	0	P	H
		7311	43.65	-30.35	74	52.28	35.7	13.97	58.3	100	0	P	H
													H
													H
		4874	42.03	-31.97	74	55.4	34.13	11.42	58.92	100	0	P	V
		7311	44.3	-29.7	74	52.93	35.7	13.97	58.3	100	0	P	V
													V
802.11n HT40 CH 09 2452MHz		4904	42.64	-31.36	74	55.91	34.13	11.45	58.85	100	0	P	H
		7356	43.42	-30.58	74	52.23	35.5	14.02	58.33	100	0	P	H
													H
													H
		4904	42.22	-31.78	74	55.49	34.13	11.45	58.85	100	0	P	V
		7356	43.18	-30.82	74	51.99	35.5	14.02	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 802.11g (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 μ V/m)	(dB)	(dB μ V/m)	(dB μ V)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11g LF		30	22.73	-17.27	40	26.79	24.6	1.32	29.98	-	-	P	H
		85.89	24.65	-15.35	40	38.89	14.03	1.72	29.99	-	-	P	H
		169.32	25.08	-18.42	43.5	37.14	15.57	2.26	29.89	-	-	P	H
		631.8	28.9	-17.1	46	28.49	25.92	4.16	29.67	-	-	P	H
		870.5	32.4	-13.6	46	27.53	28.97	4.93	29.03	-	-	P	H
		953.8	34.32	-11.68	46	27.24	30.54	5.08	28.54	100	0	P	H
													H
													H
													H
													H
													H
													H
													H
													H
Remark	1.	No other spurious found.											
	2.	All results are PASS against limit line.											



<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 VHT20 CH 01 2412MHz		2390	62.04	-11.96	74	47.25	32	17.74	34.95	400	8	P	H
		2390	48.12	-5.88	54	33.33	32	17.74	34.95	400	8	A	H
	*	2412	109.09	-	-	94.23	32.07	17.74	34.95	400	8	P	H
	*	2412	99.82	-	-	84.96	32.07	17.74	34.95	400	8	A	H
													H
													H
		2389.59	66.14	-7.86	74	51.34	32	17.74	34.94	100	302	P	V
		2390	51.24	-2.76	54	36.45	32	17.74	34.95	100	302	A	V
	*	2412	113.2	-	-	98.34	32.07	17.74	34.95	100	302	P	V
	*	2412	105.23	-	-	90.37	32.07	17.74	34.95	100	302	A	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		2372.02	56.51	-17.49	74	41.85	31.93	17.67	34.94	397	8	P	H
		2389.94	44.82	-9.18	54	30.03	32	17.74	34.95	397	8	A	H
	*	2437	110.57	-	-	95.54	32.2	17.79	34.96	397	8	P	H
	*	2437	102.07	-	-	87.04	32.2	17.79	34.96	397	8	A	H
		2491.18	55.76	-18.24	74	40.69	32.2	17.84	34.97	397	8	P	H
		2483.76	44.63	-9.37	54	29.56	32.2	17.84	34.97	397	8	A	H
		2389.94	58.63	-15.37	74	43.84	32	17.74	34.95	101	252	P	V
		2389.94	45.31	-8.69	54	30.52	32	17.74	34.95	101	252	A	V
	*	2437	112.83	-	-	97.8	32.2	17.79	34.96	101	252	P	V
	*	2437	103.42	-	-	88.39	32.2	17.79	34.96	101	252	A	V
		2483.5	57.04	-16.96	74	41.97	32.2	17.84	34.97	101	252	P	V
		2483.55	45.11	-8.89	54	30.04	32.2	17.84	34.97	101	252	A	V



	*	2462	106.56	-	-	91.49	32.2	17.84	34.97	337	0	P	H
	*	2462	97.77	-	-	82.7	32.2	17.84	34.97	337	0	A	H
		2484.48	61.73	-12.27	74	46.66	32.2	17.84	34.97	337	0	P	H
		2483.56	47.46	-6.54	54	32.39	32.2	17.84	34.97	337	0	A	H
802.11ac													H
VHT20													H
CH 11	*	2462	112.69	-	-	97.62	32.2	17.84	34.97	100	0	P	V
2462MHz	*	2462	102.43	-	-	87.36	32.2	17.84	34.97	100	0	A	V
		2484.4	67.98	-6.02	74	52.91	32.2	17.84	34.97	100	0	P	V
		2483.52	51.98	-2.02	54	36.91	32.2	17.84	34.97	100	0	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 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. (H/V)
802.11ac VHT20 CH 01 2412MHz		4824	45.54	-28.46	74	59.08	34.1	11.39	59.03	100	0	P	H
													H
													H
													H
		4824	43.59	-30.41	74	57.13	34.1	11.39	59.03	100	0	P	V
													V
													V
													V
802.11ac VHT20 CH 06 2437MHz		4874	46.86	-27.14	74	60.23	34.13	11.42	58.92	100	0	P	H
		7311	45.57	-28.43	74	54.2	35.7	13.97	58.3	100	0	P	H
													H
													H
		4874	43.86	-30.14	74	57.23	34.13	11.42	58.92	100	0	P	V
		7311	44.66	-29.34	74	53.29	35.7	13.97	58.3	100	0	P	V
													V
													V
802.11ac VHT20 CH 11 2462MHz		4924	45.29	-28.71	74	58.48	34.17	11.45	58.81	100	0	P	H
		7386	45.78	-28.22	74	54.56	35.5	14.07	58.35	100	0	P	H
													H
													H
		4924	44.81	-29.19	74	58	34.17	11.45	58.81	100	0	P	V
		7386	45.16	-28.84	74	53.94	35.5	14.07	58.35	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 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. (H/V)
802.11ac VHT40 CH 03 2422MHz		2359.98	55.27	-18.73	74	40.67	31.87	17.67	34.94	394	9	P	H
		2389.94	45.75	-8.25	54	30.96	32	17.74	34.95	394	9	A	H
	*	2422	104.46	-	-	89.5	32.13	17.79	34.96	394	9	P	H
	*	2422	95.91	-	-	80.95	32.13	17.79	34.96	394	9	A	H
		2483.76	54.91	-19.09	74	39.84	32.2	17.84	34.97	394	9	P	H
		2483.5	45.45	-8.55	54	30.38	32.2	17.84	34.97	394	9	A	H
		2389.94	63.91	-10.09	74	49.12	32	17.74	34.95	100	284	P	V
		2389.94	51.96	-2.04	54	37.17	32	17.74	34.95	100	284	A	V
	*	2422	108.89	-	-	93.93	32.13	17.79	34.96	100	284	P	V
	*	2422	100.47	-	-	85.51	32.13	17.79	34.96	100	284	A	V
802.11ac VHT40 CH 06 2437MHz		2483.5	59.81	-14.19	74	44.74	32.2	17.84	34.97	100	284	P	V
		2483.5	50.31	-3.69	54	35.24	32.2	17.84	34.97	100	284	A	V
		2389.52	56.52	-17.48	74	41.72	32	17.74	34.94	398	8	P	H
		2389.94	47.47	-6.53	54	32.68	32	17.74	34.95	398	8	A	H
	*	2437	107.29	-	-	92.26	32.2	17.79	34.96	398	8	P	H
	*	2437	98.71	-	-	83.68	32.2	17.79	34.96	398	8	A	H
		2483.55	57.08	-16.92	74	42.01	32.2	17.84	34.97	398	8	P	H
		2483.5	46.71	-7.29	54	31.64	32.2	17.84	34.97	398	8	A	H
		2389.52	60.81	-13.19	74	46.01	32	17.74	34.94	100	272	P	V
		2389.94	51.06	-2.94	54	36.27	32	17.74	34.95	100	272	A	V
802.11ac VHT40 CH 06 2437MHz	*	2437	110.17	-	-	95.14	32.2	17.79	34.96	100	272	P	V
	*	2437	102.95	-	-	87.92	32.2	17.79	34.96	100	272	A	V
		2484.39	62.95	-11.05	74	47.88	32.2	17.84	34.97	100	272	P	V
		2483.62	51.97	-2.03	54	36.9	32.2	17.84	34.97	100	272	A	V



802.11ac		2384.2	55.33	-18.67	74	40.6	31.93	17.74	34.94	300	18	P	H
		2389.94	44.26	-9.74	54	29.47	32	17.74	34.95	300	18	P	H
	*	2452	98.89	-	-	83.87	32.2	17.79	34.97	300	18	P	H
	*	2452	93.91	-	-	78.89	32.2	17.79	34.97	300	18	P	H
		2483.97	59.93	-14.07	74	44.86	32.2	17.84	34.97	300	18	P	H
	VHT40	2483.83	50.35	-3.65	54	35.28	32.2	17.84	34.97	300	18	P	H
	CH 09	2388.54	54.27	-19.73	74	39.47	32	17.74	34.94	100	350	P	V
	2452MHz	2387.84	44.54	-9.46	54	29.74	32	17.74	34.94	100	350	P	V
	*	2452	106.23	-	-	91.21	32.2	17.79	34.97	100	350	P	V
	*	2448	98.02	-	-	83	32.2	17.79	34.97	100	350	P	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. (H/V)
802.11ac VHT40 CH 03 2422MHz		4844	43.05	-30.95	74	56.45	34.2	11.39	58.99	100	0	P	H
		7266	43.43	-30.57	74	52.23	35.57	13.91	58.28	100	0	P	H
													H
													H
		4844	42.26	-31.74	74	55.66	34.2	11.39	58.99	100	0	P	V
		7266	43.57	-30.43	74	52.37	35.57	13.91	58.28	100	0	P	V
													V
802.11ac VHT40 CH 06 2437MHz		4874	43.81	-30.19	74	57.18	34.13	11.42	58.92	100	0	P	H
		7311	44.44	-29.56	74	53.07	35.7	13.97	58.3	100	0	P	H
													H
													H
		4874	44.49	-29.51	74	57.86	34.13	11.42	58.92	100	0	P	V
		7311	43.69	-30.31	74	52.32	35.7	13.97	58.3	100	0	P	V
													V
802.11ac VHT40 CH 09 2452MHz		4904	41.95	-32.05	74	55.22	34.13	11.45	58.85			P	H
		7356	43.71	-30.29	74	52.52	35.5	14.02	58.33	100	0	P	H
													H
													H
		4904	42.95	-31.05	74	56.22	34.13	11.45	58.85			P	V
		7356	44.09	-29.91	74	52.9	35.5	14.02	58.33	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		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)

2. Level(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 :	Jesse wang, Stan Hsieh and Ken Wu	Temperature :	21~26°C
		Relative Humidity :	52~68%

Note symbol

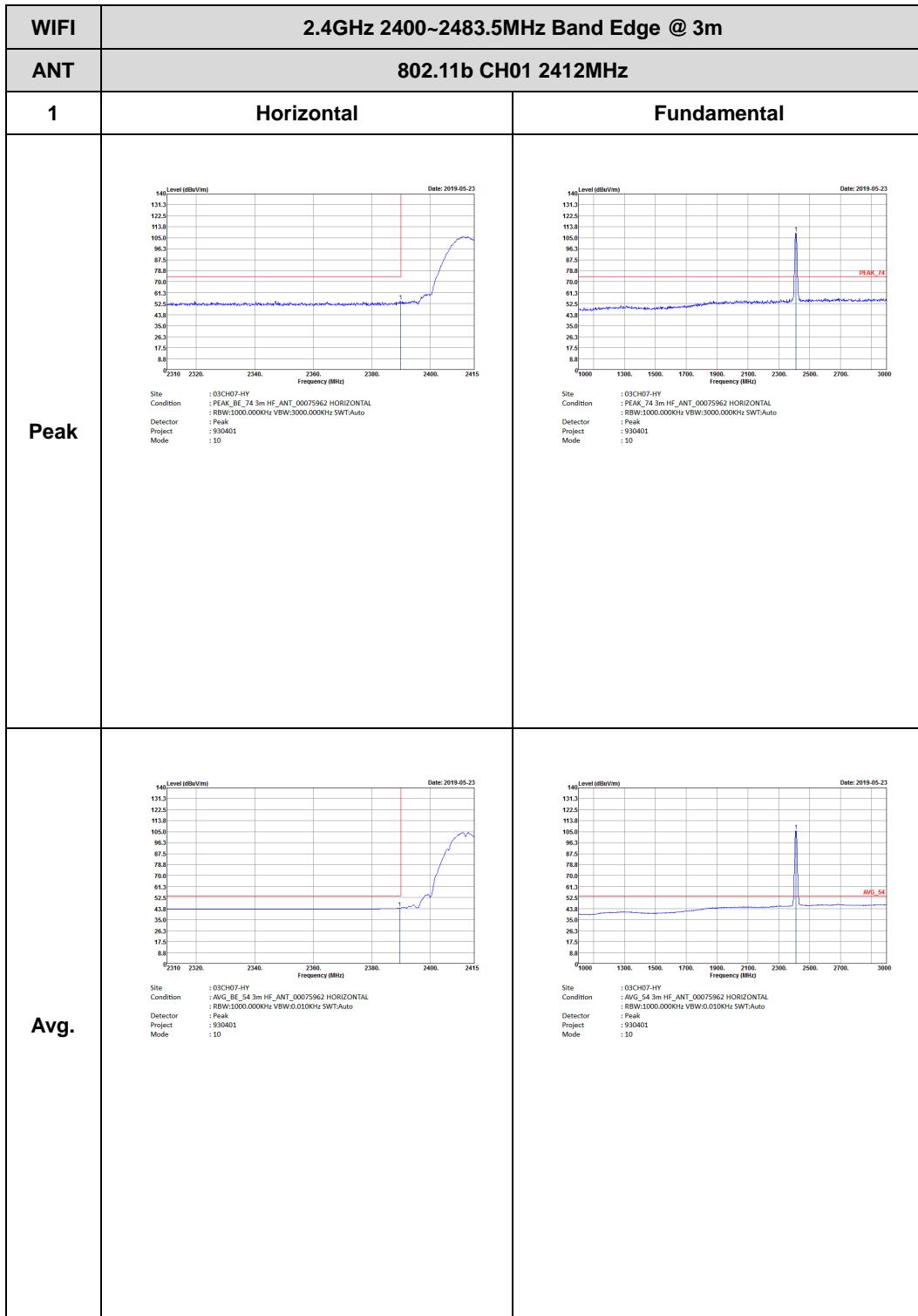
-L	Low channel location
-R	High channel location

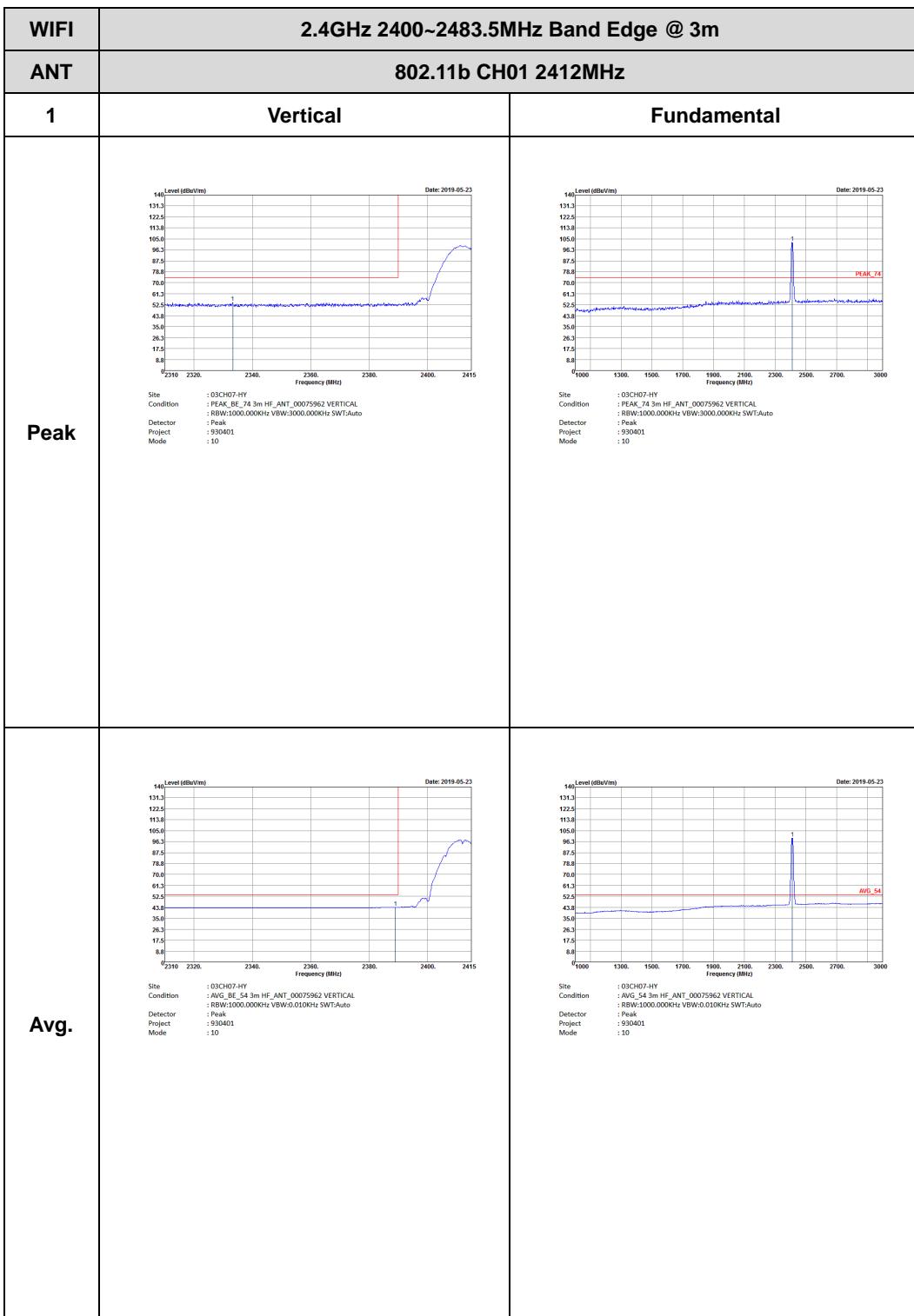


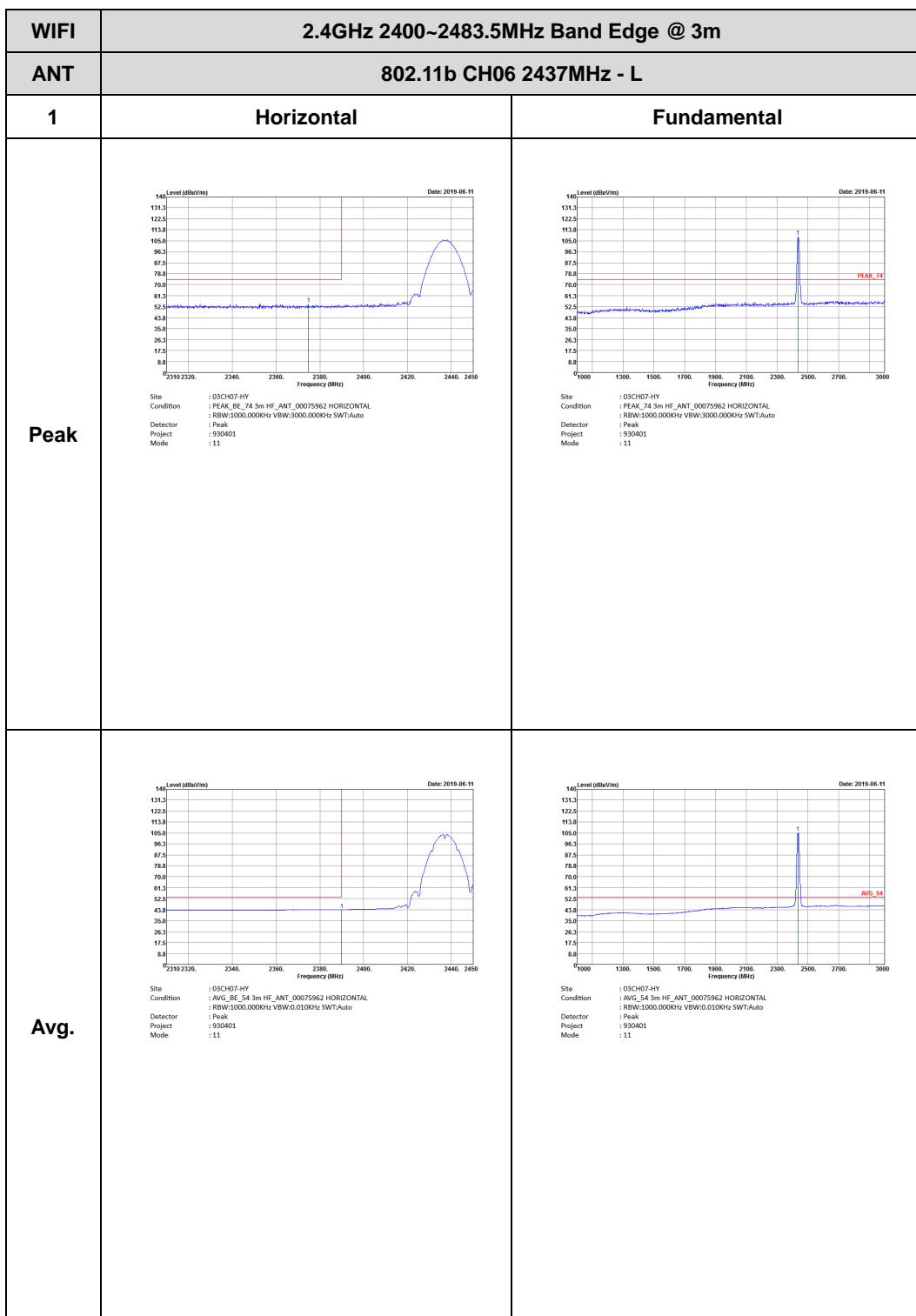
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2.4GHz 2400~2483.5MHz

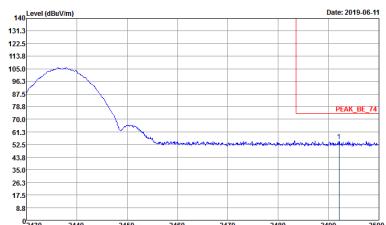
WIFI 802.11b (Band Edge @ 3m)

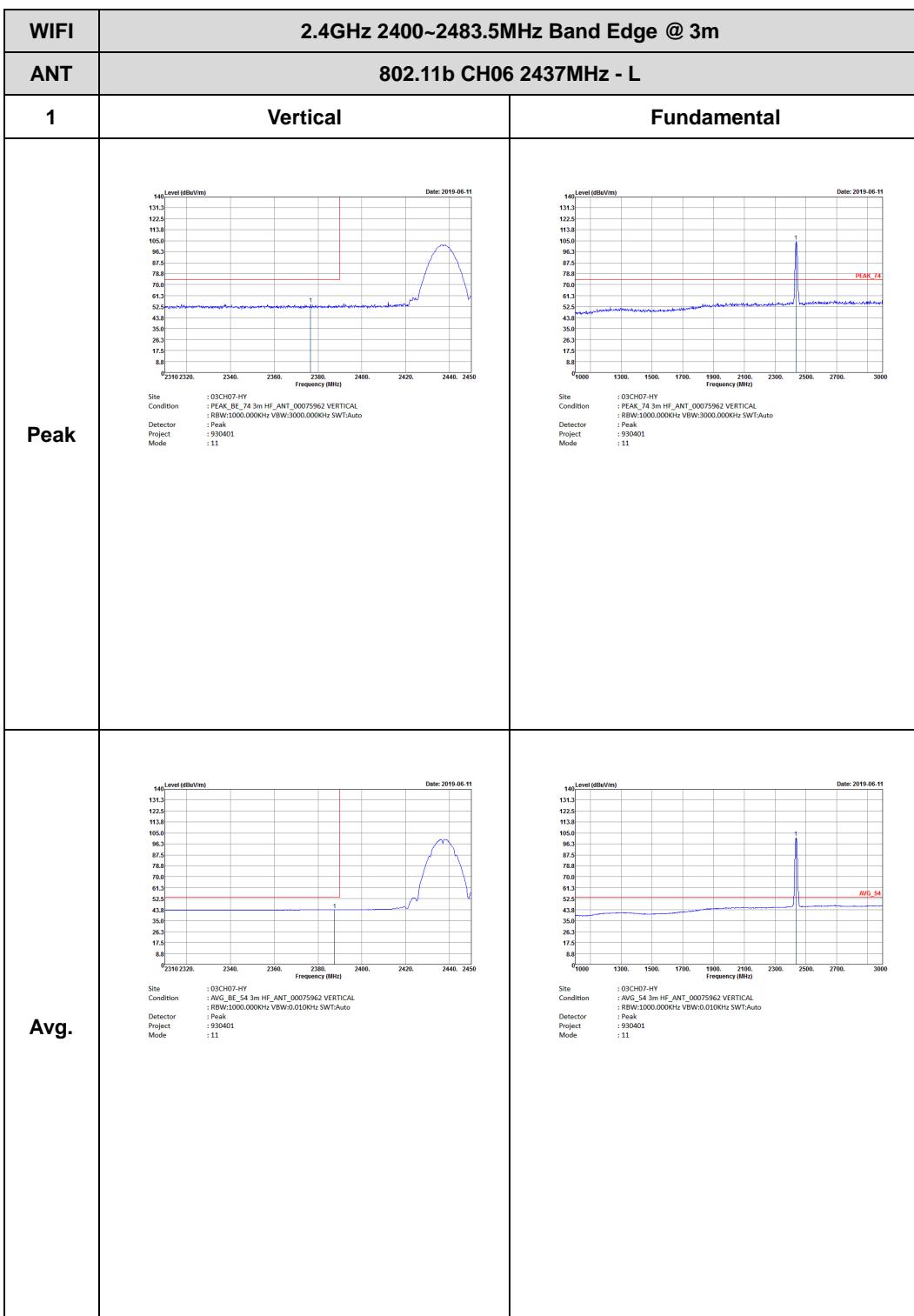






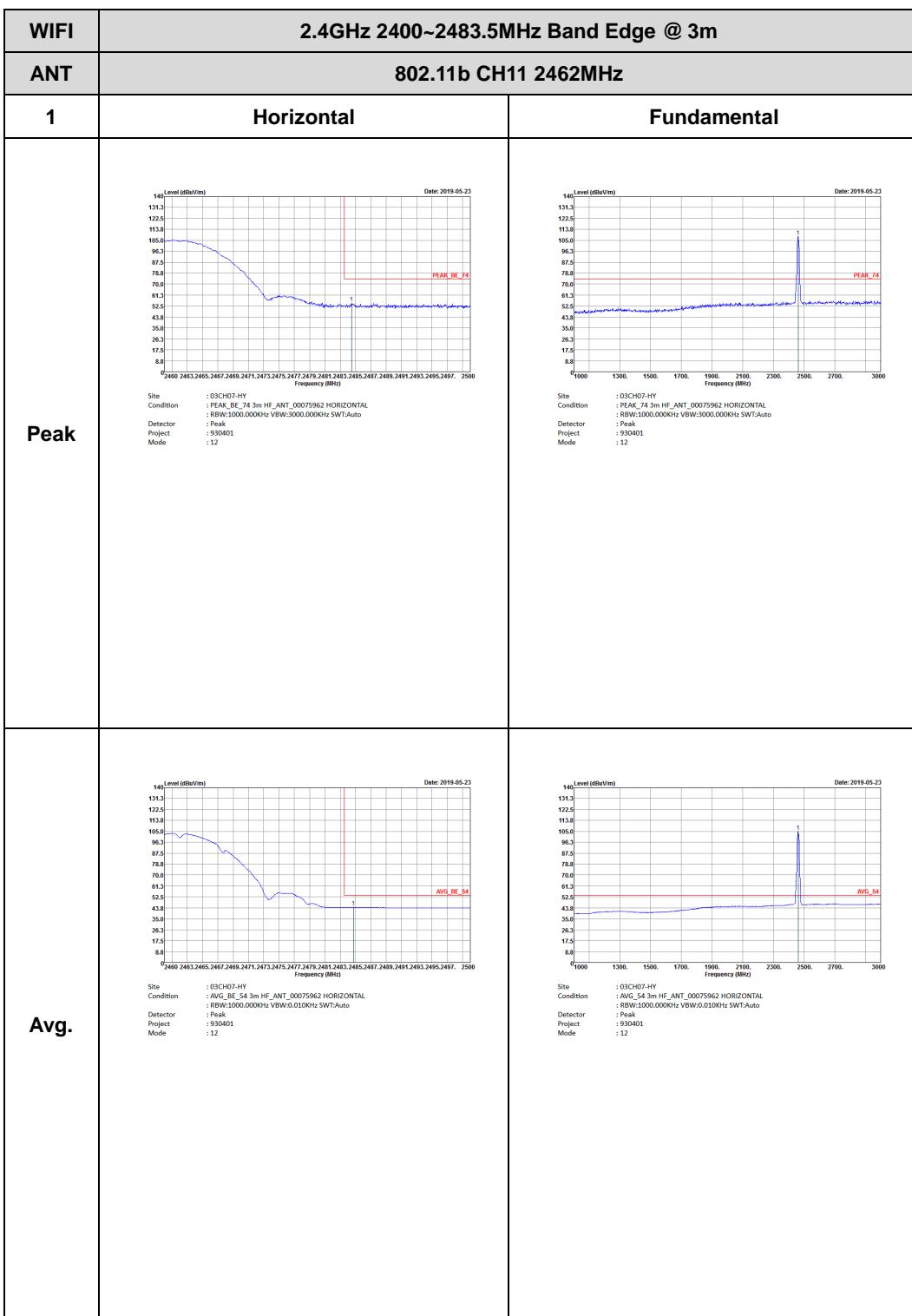


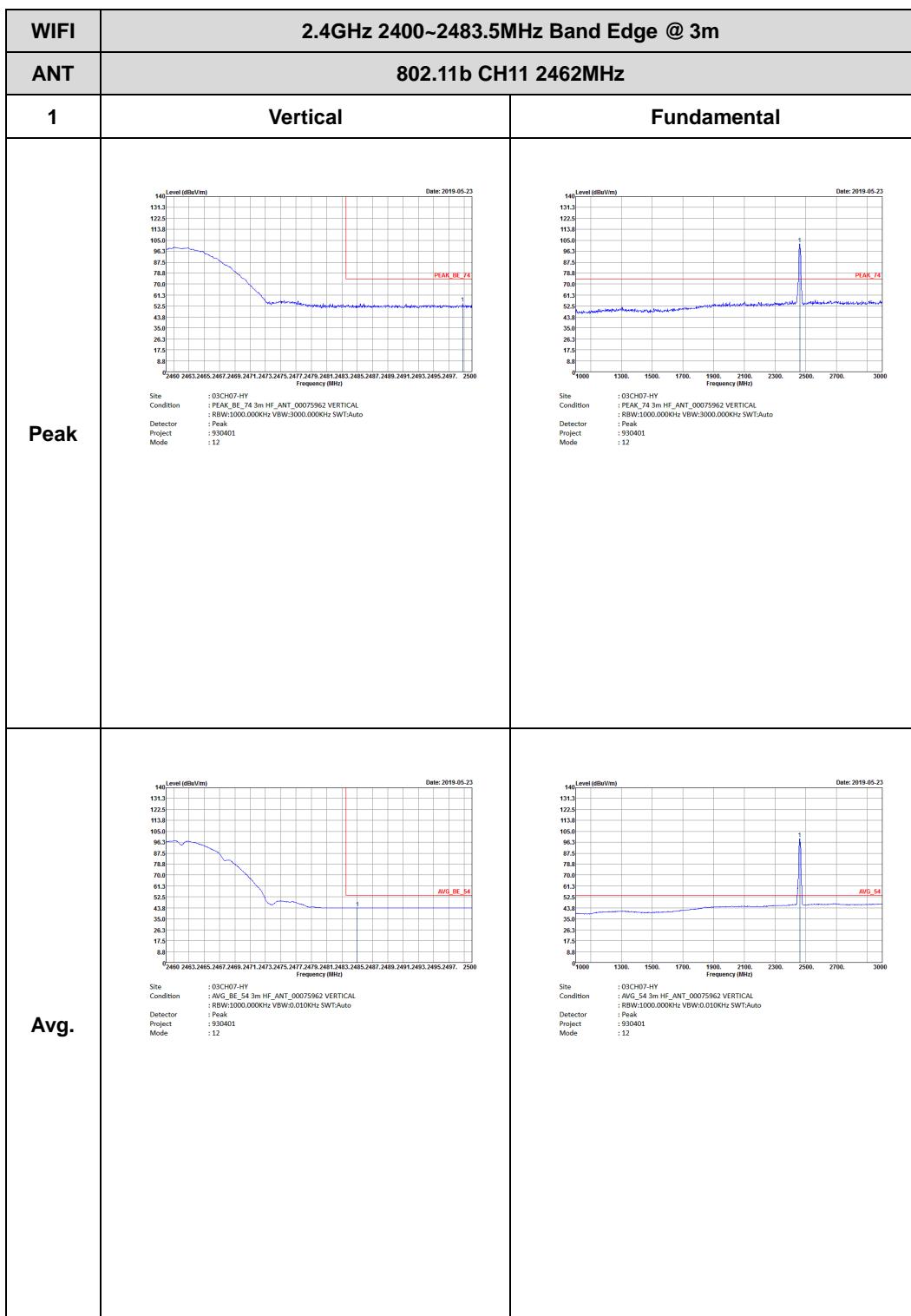
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-06-11</p> <p>PEAK_BE_74</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 930401 : 11</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-06-11</p> <p>AVG_BE_54</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Mode : 930401 : 11</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 930401 Mode : 11	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 930401 Mode : 11	Left blank



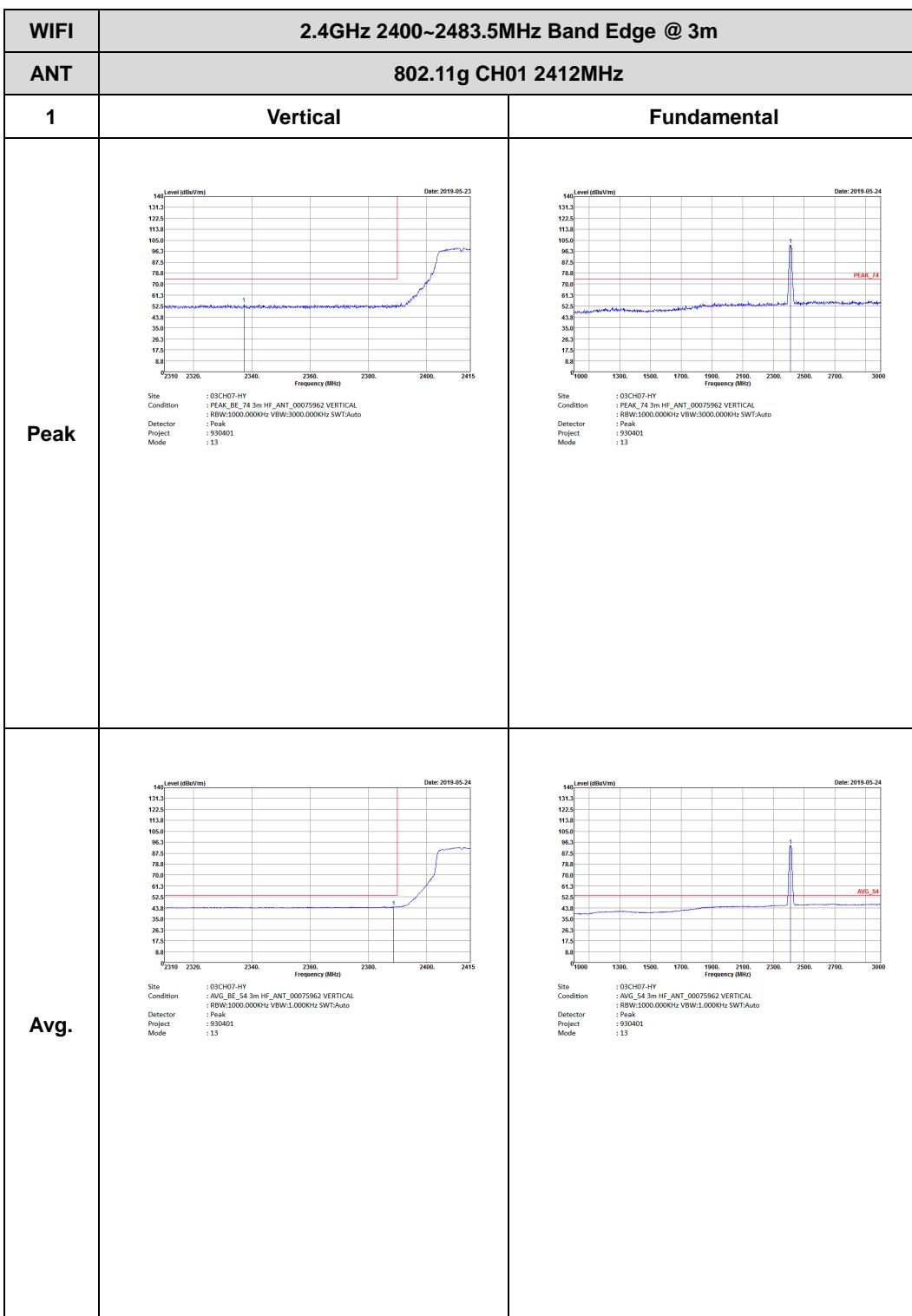


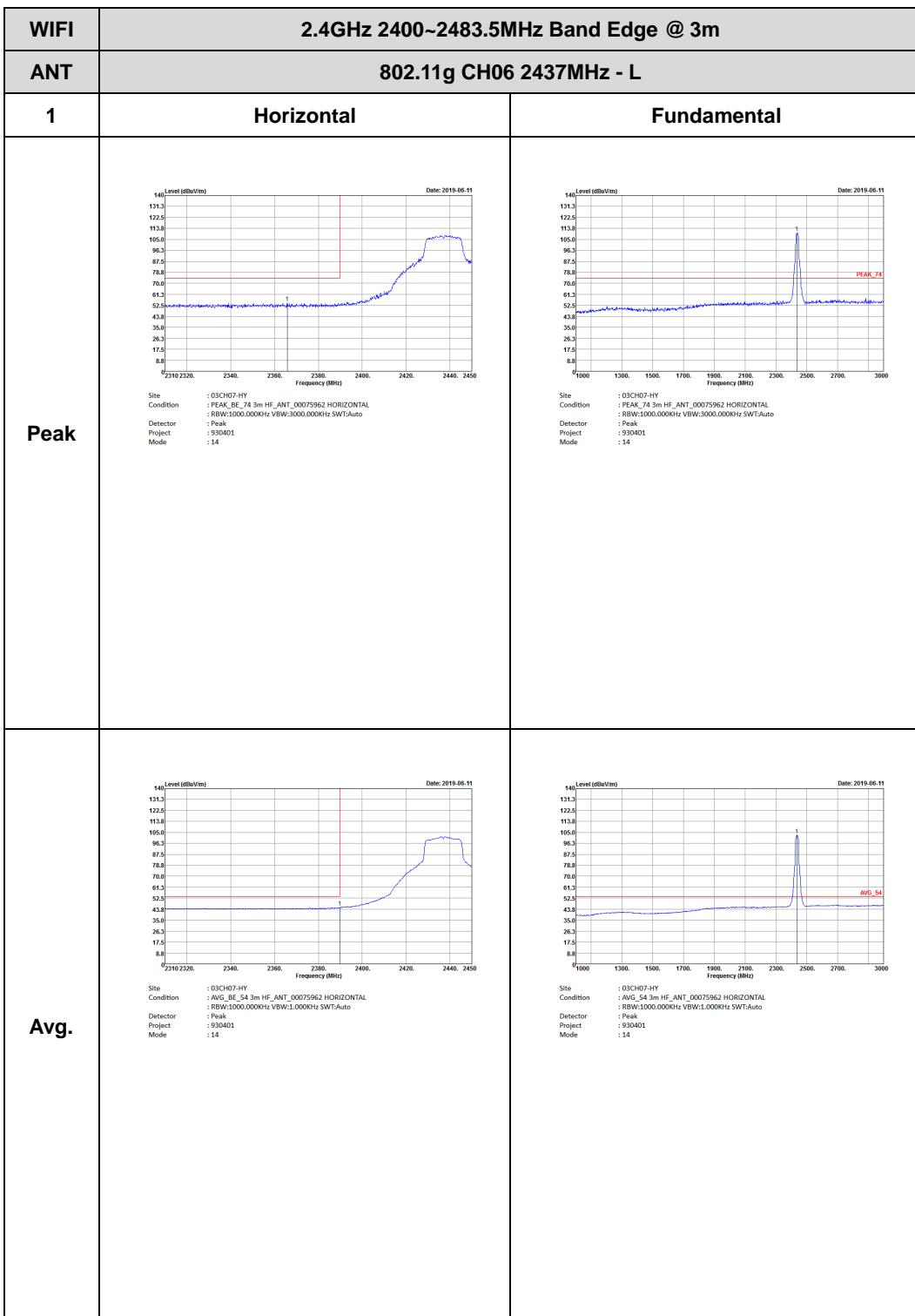


2.4GHz 2400~2483.5MHz

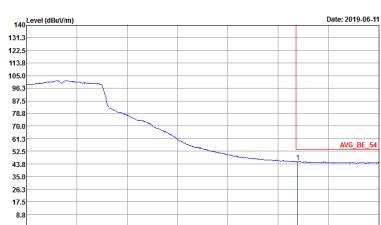
WIFI 802.11g (Band Edge @ 3m)

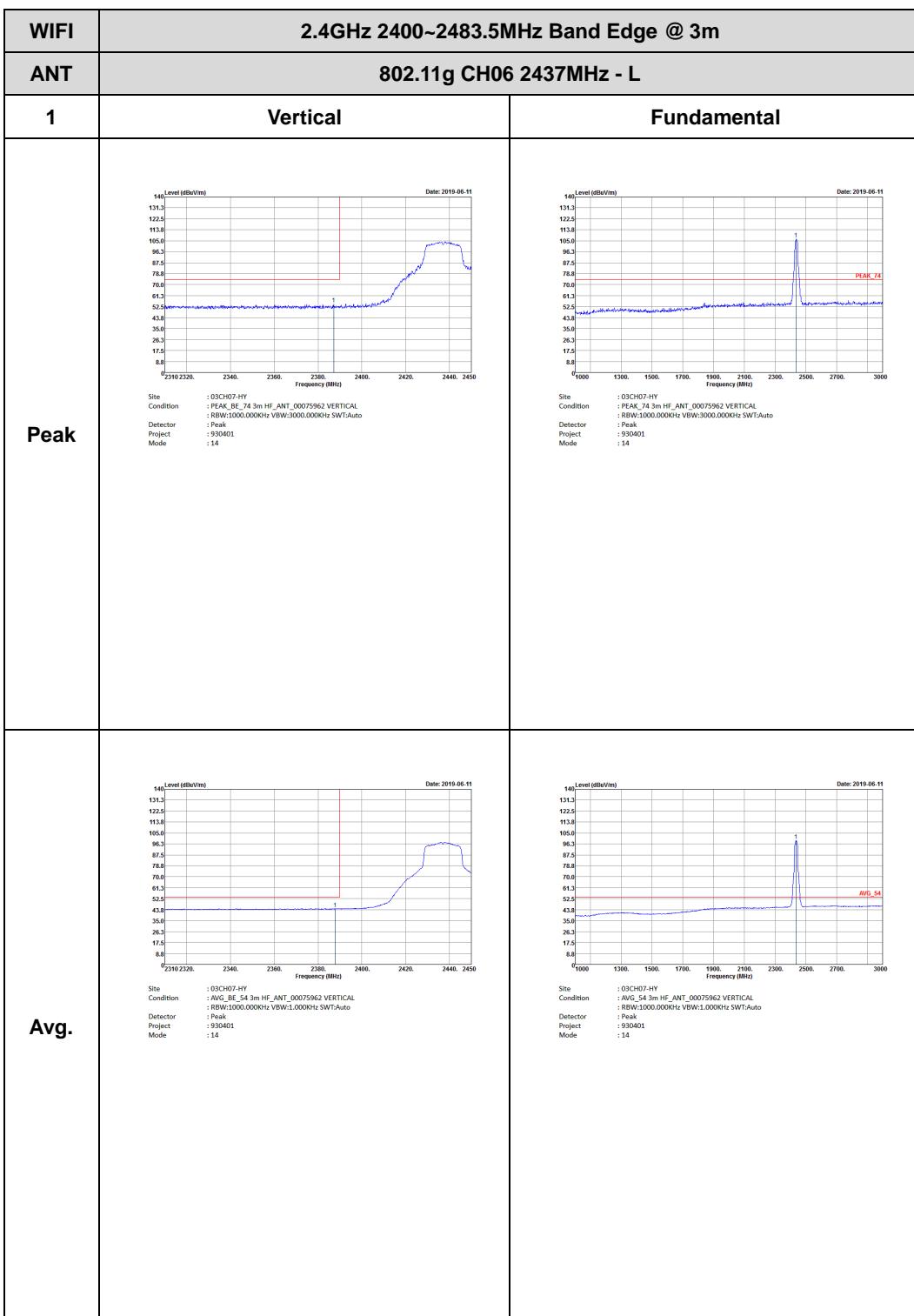
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 930401 Mode: 13	 Site: 03CH07-HY Condition: PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 13
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector: RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project: 930401 Mode: 13	 Site: 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 13



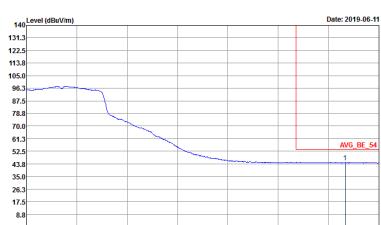


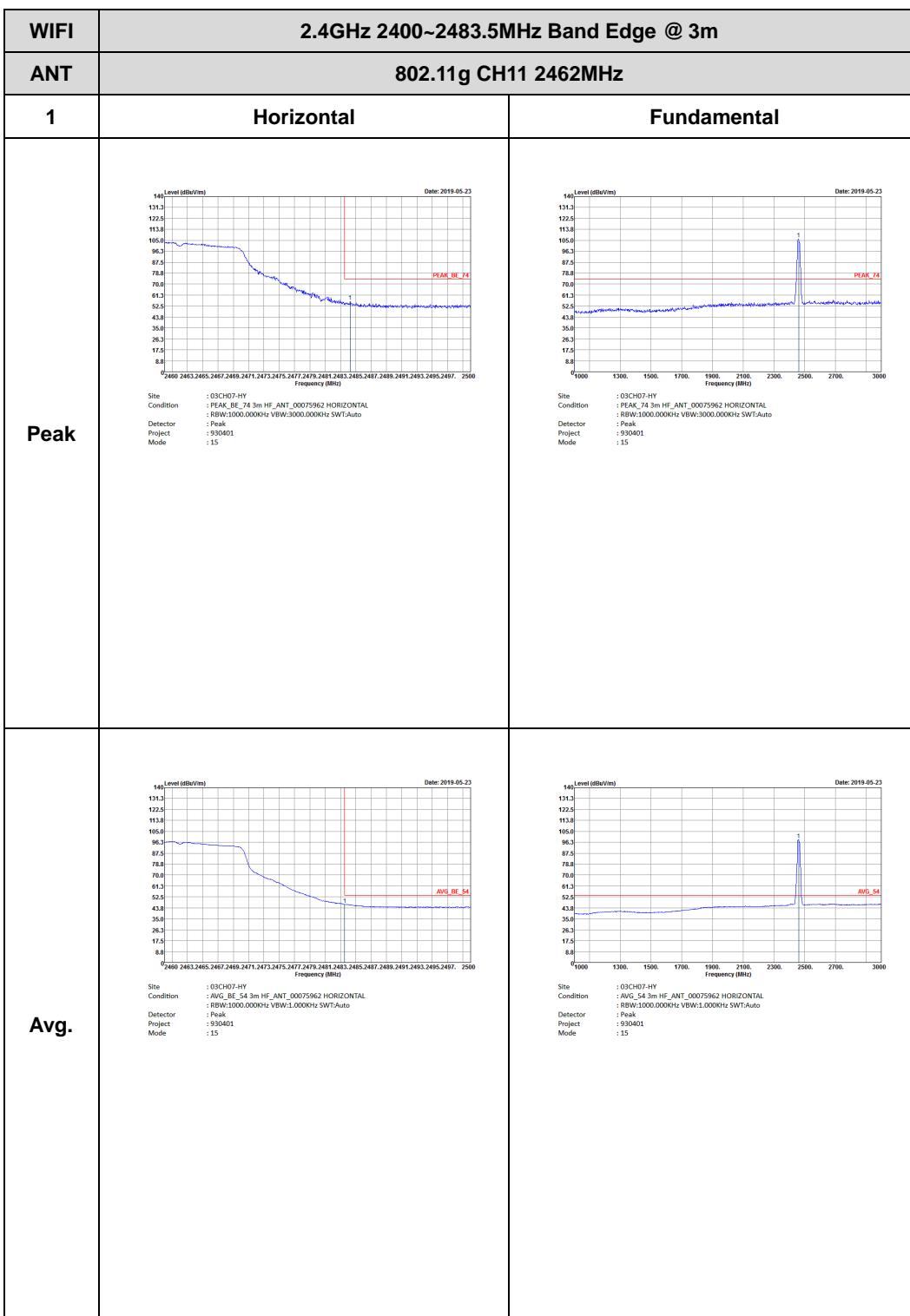


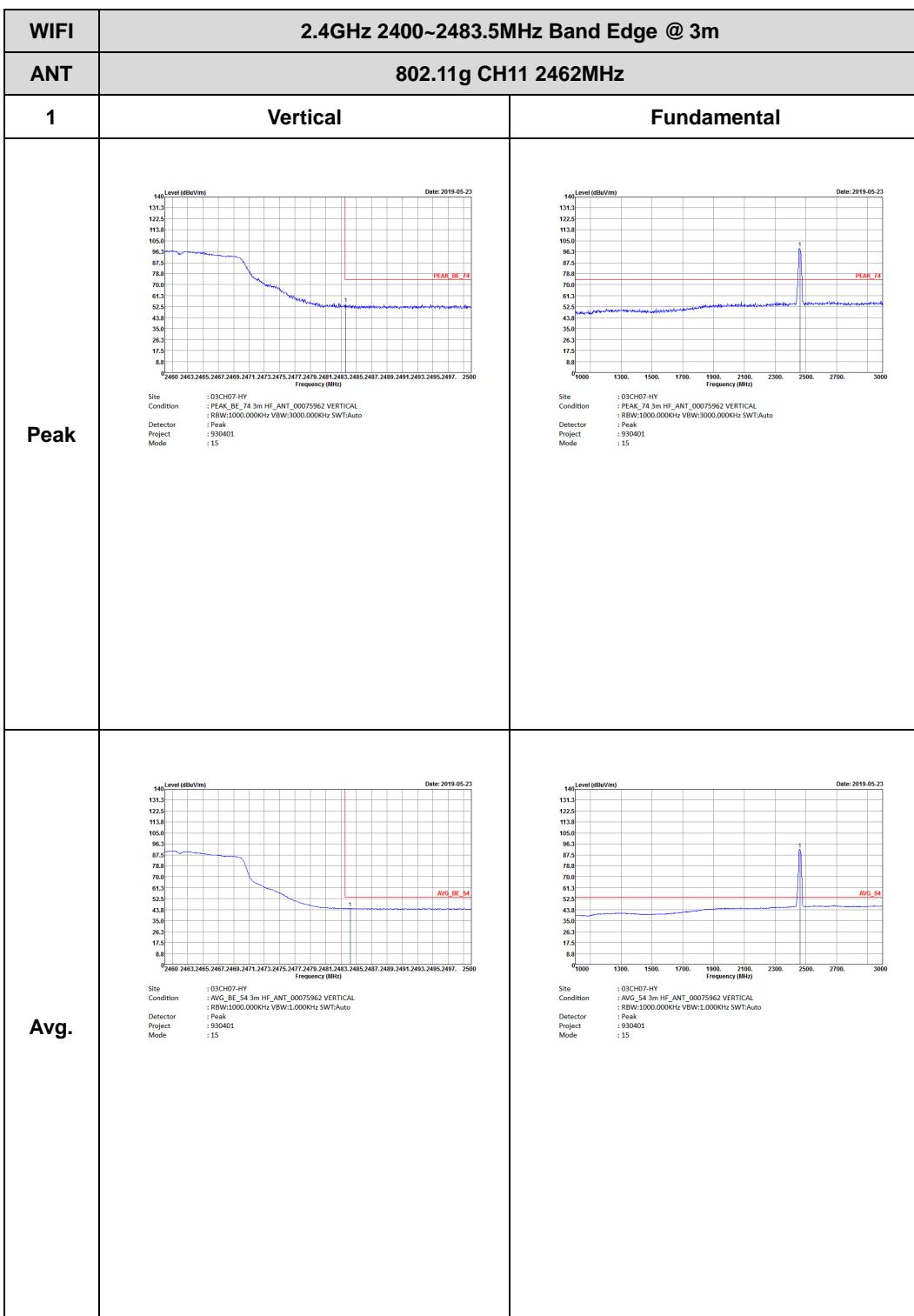
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Level (dBm/V/m)</p> <p>Date: 2019-06-11</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 930401 : 14</p>	Left blank
Avg.	 <p>Level (dBm/V/m)</p> <p>Date: 2019-06-11</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 930401 : 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 (dBmV/m)</p> <p>Date: 2019-06-11</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 930401 : 14</p>	Left Blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-06-11</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 930401 : 14</p>	Left Blank

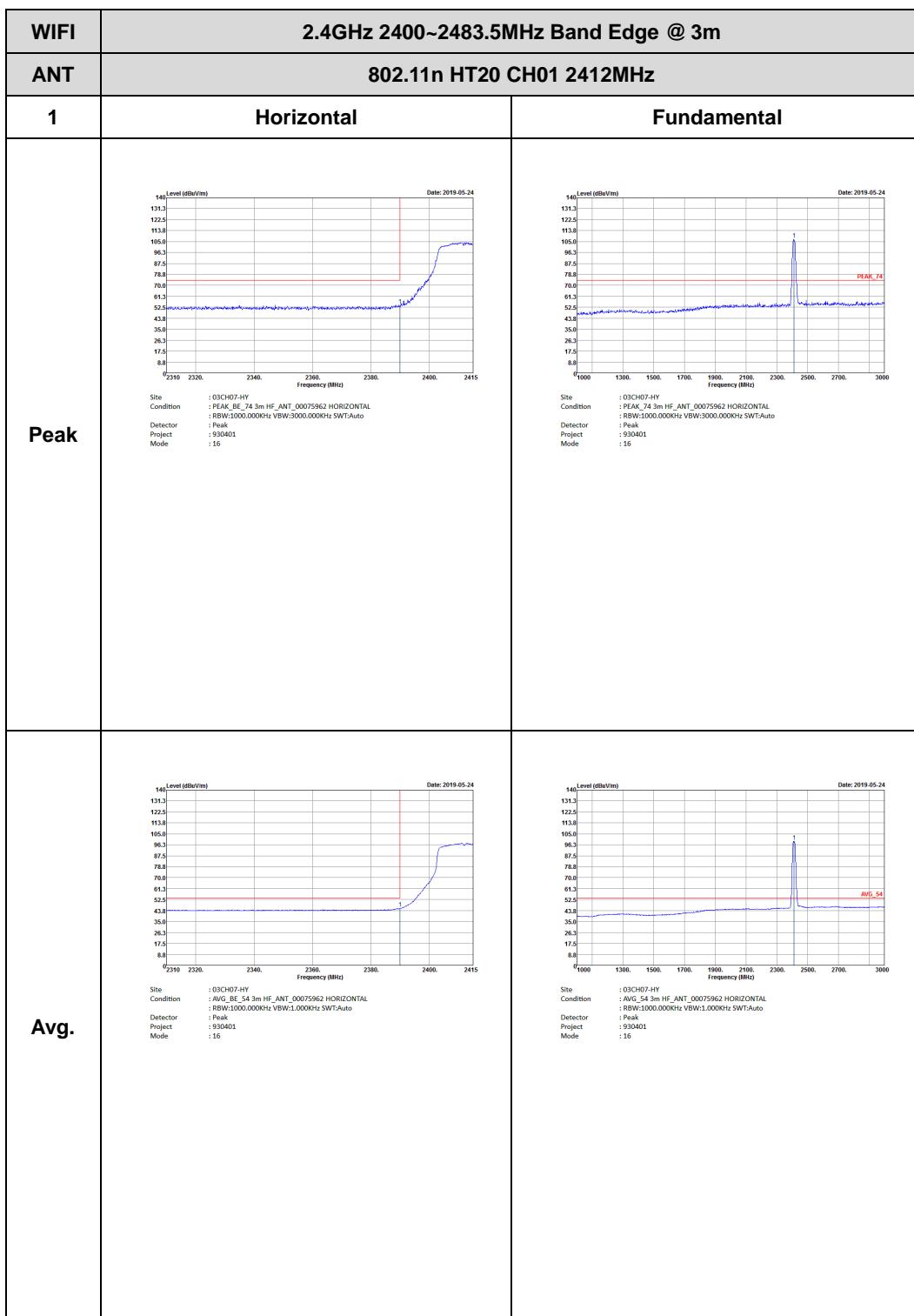


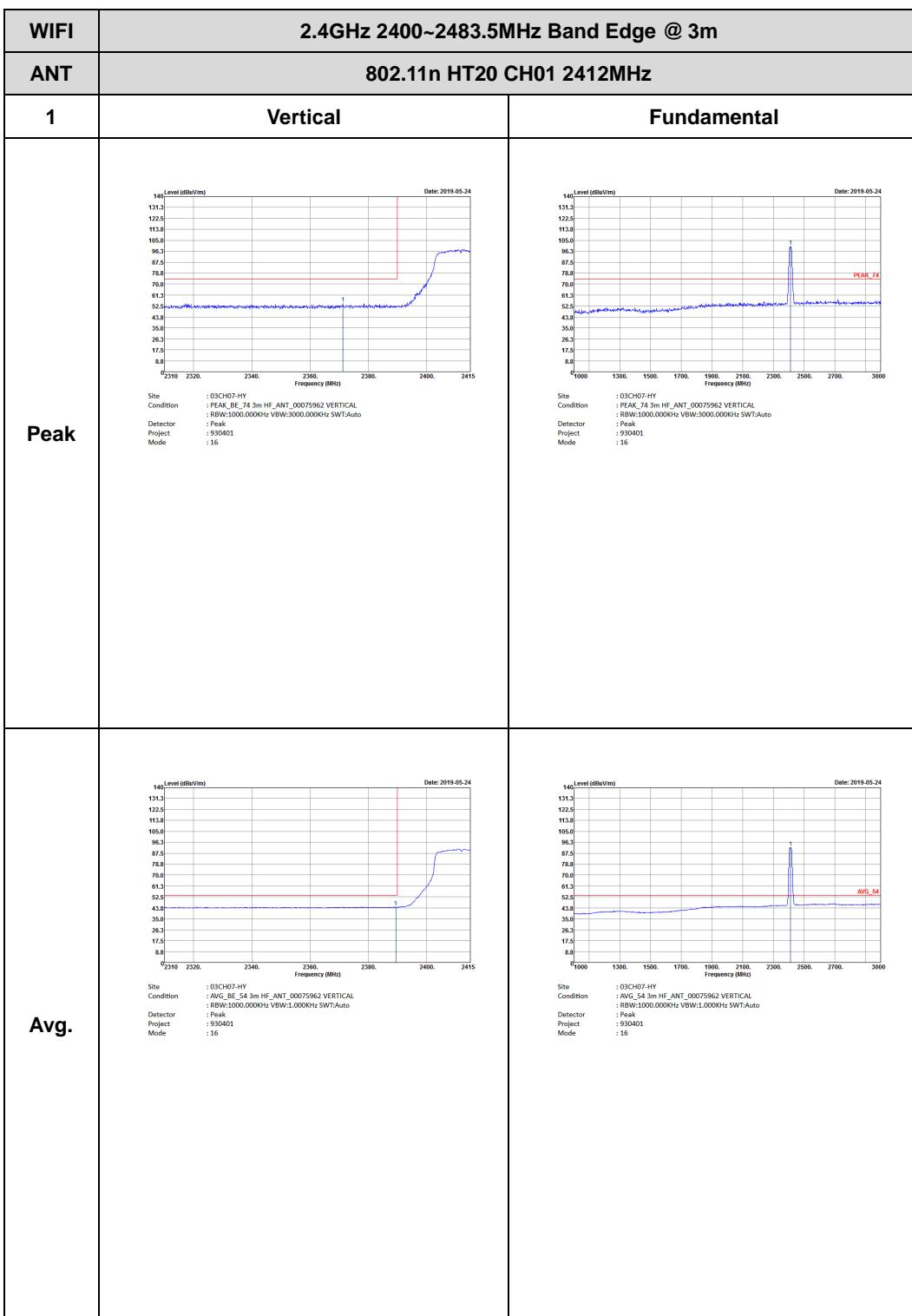


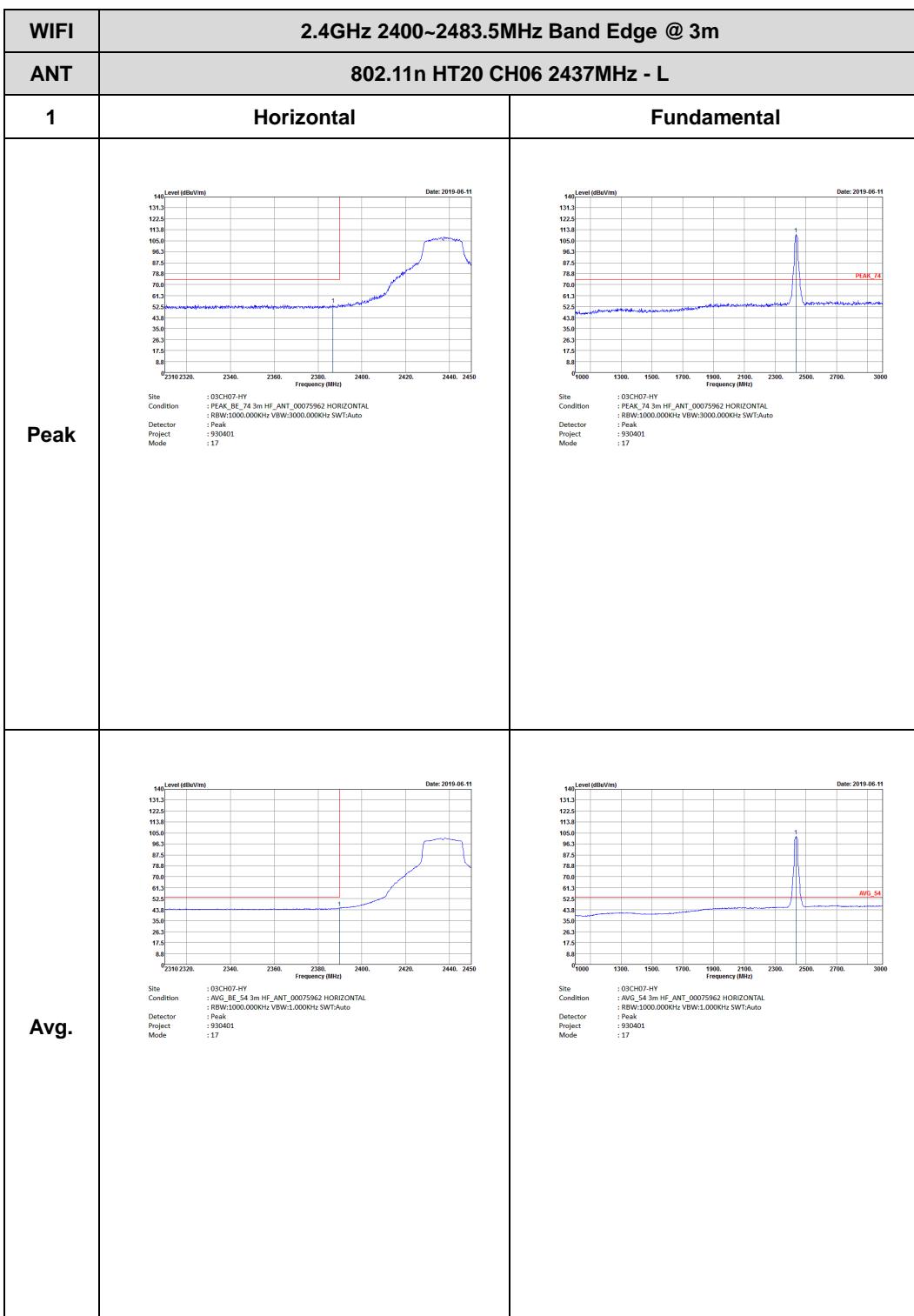


2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

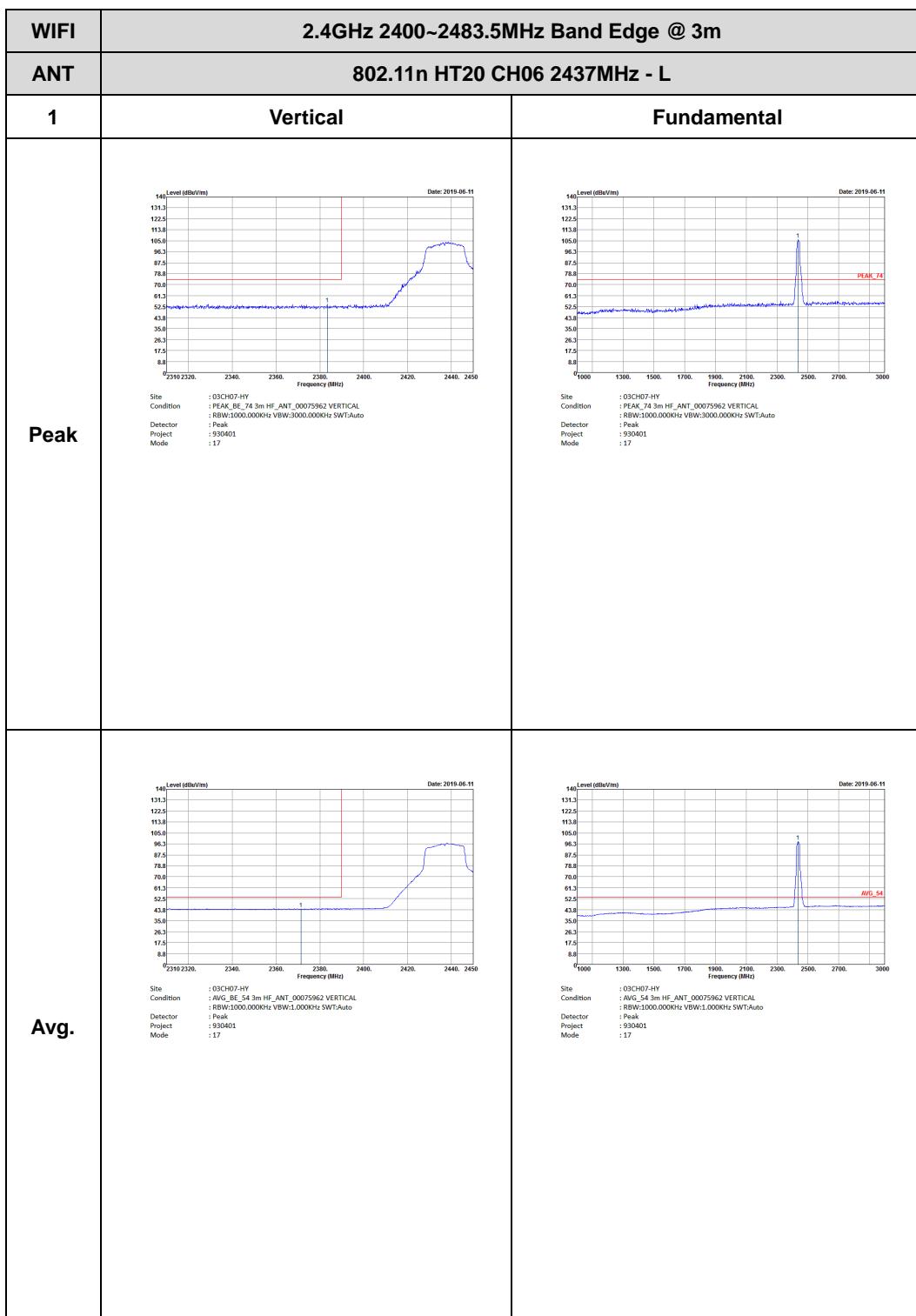






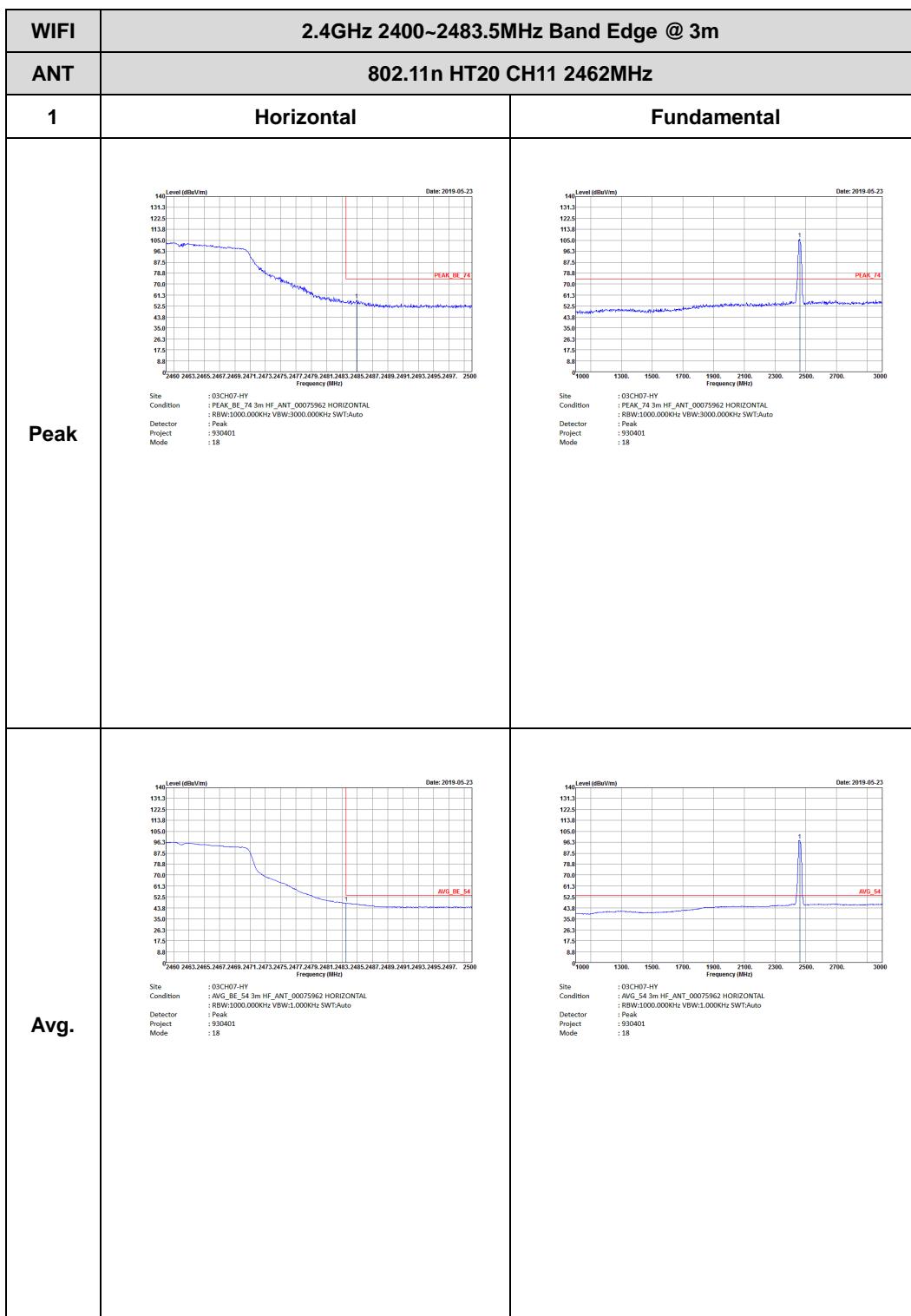


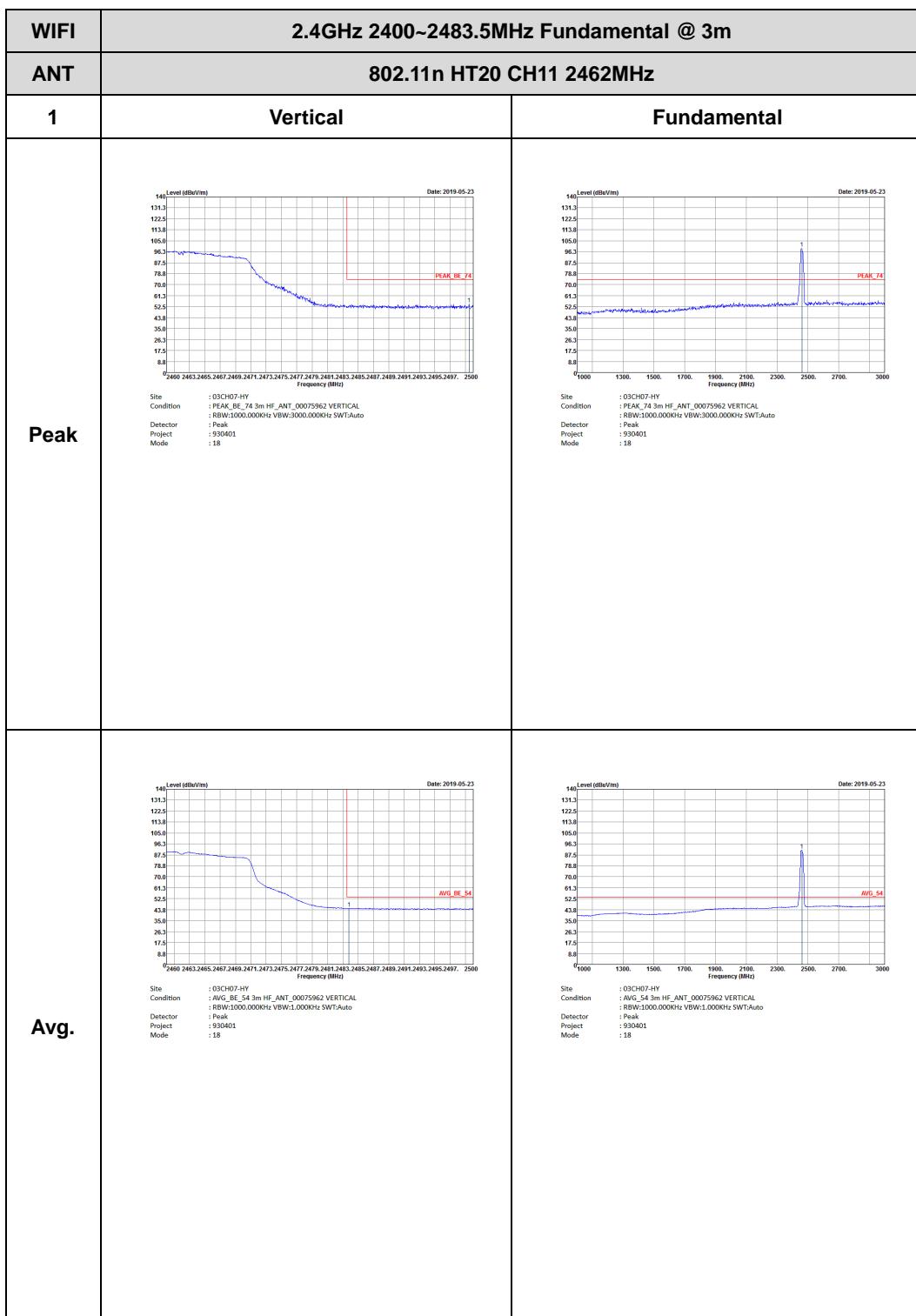
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	<p>Level (dBm/V/m)</p> <p>Date: 2019-06-11</p> <p>14 13.5 13.0 12.5 12.0 11.5 11.0 10.5 10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0</p> <p>2430 2440 2450 2460 2470 2480 2490 2500</p> <p>Frequency (MHz)</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 930401 : 17</p>	Left blank
Avg.	<p>Level (dBm/V/m)</p> <p>Date: 2019-06-11</p> <p>14 13.5 13.0 12.5 12.0 11.5 11.0 10.5 10.0 9.5 9.0 8.5 8.0 7.5 7.0 6.5 6.0 5.5 5.0 4.5 4.0 3.5 3.0 2.5 2.0 1.5 1.0 0.5 0.0</p> <p>2430 2440 2450 2460 2470 2480 2490 2500</p> <p>Frequency (MHz)</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 930401 : 17</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 930401 : 17	Left Blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 930401 : 17	Left Blank





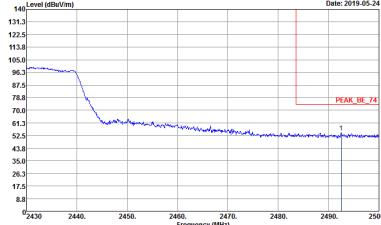


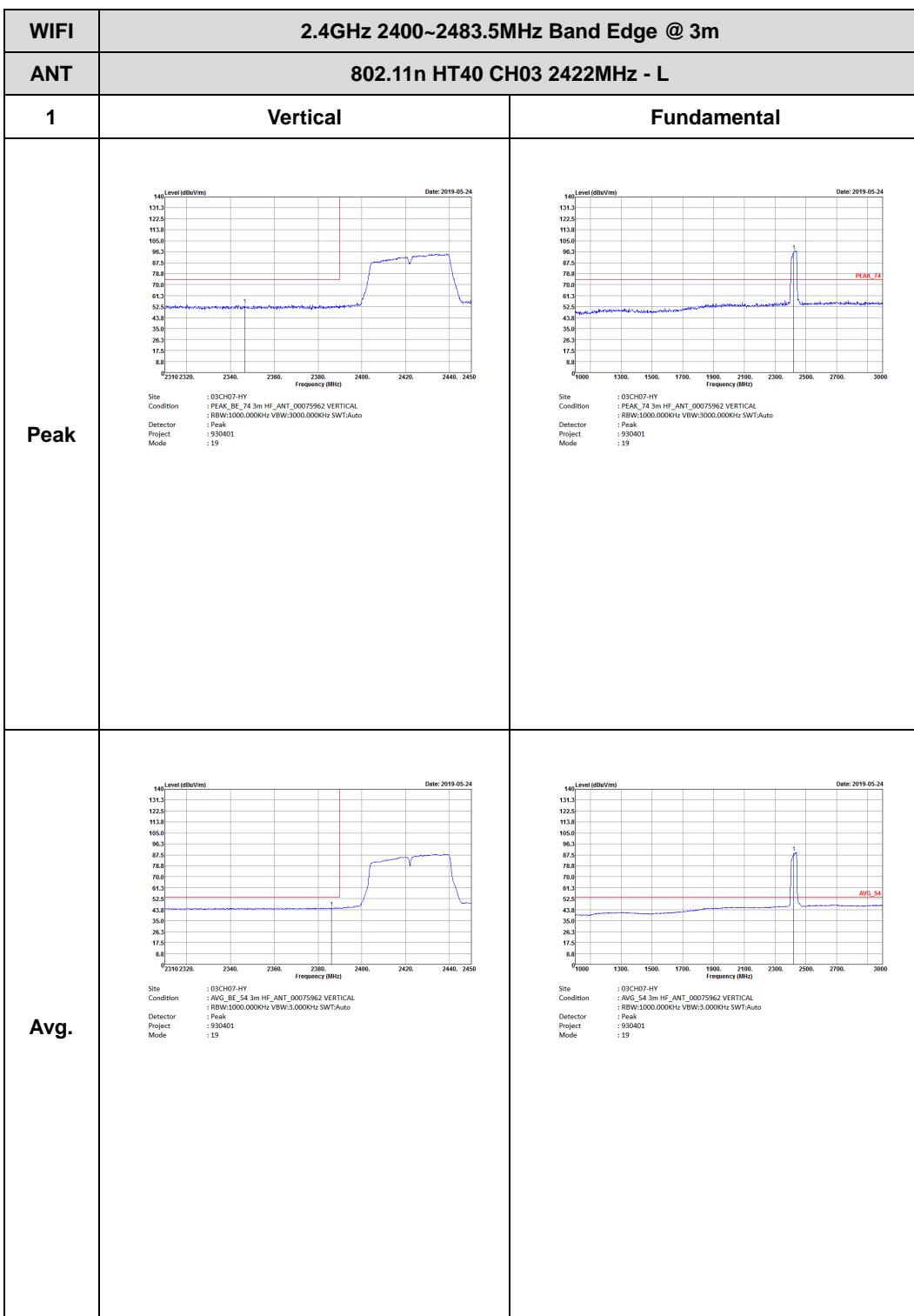
2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

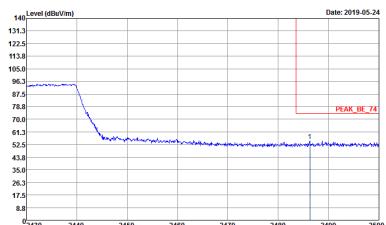
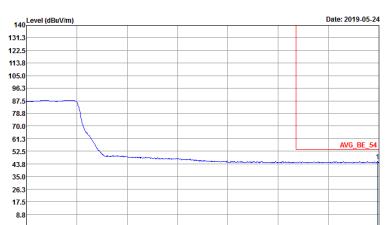
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1	Horizontal	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 930401 Mode: 19	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Detector: Peak Project: 930401 Mode: 19
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 930401 Mode: 19	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector: Peak Project: 930401 Mode: 19

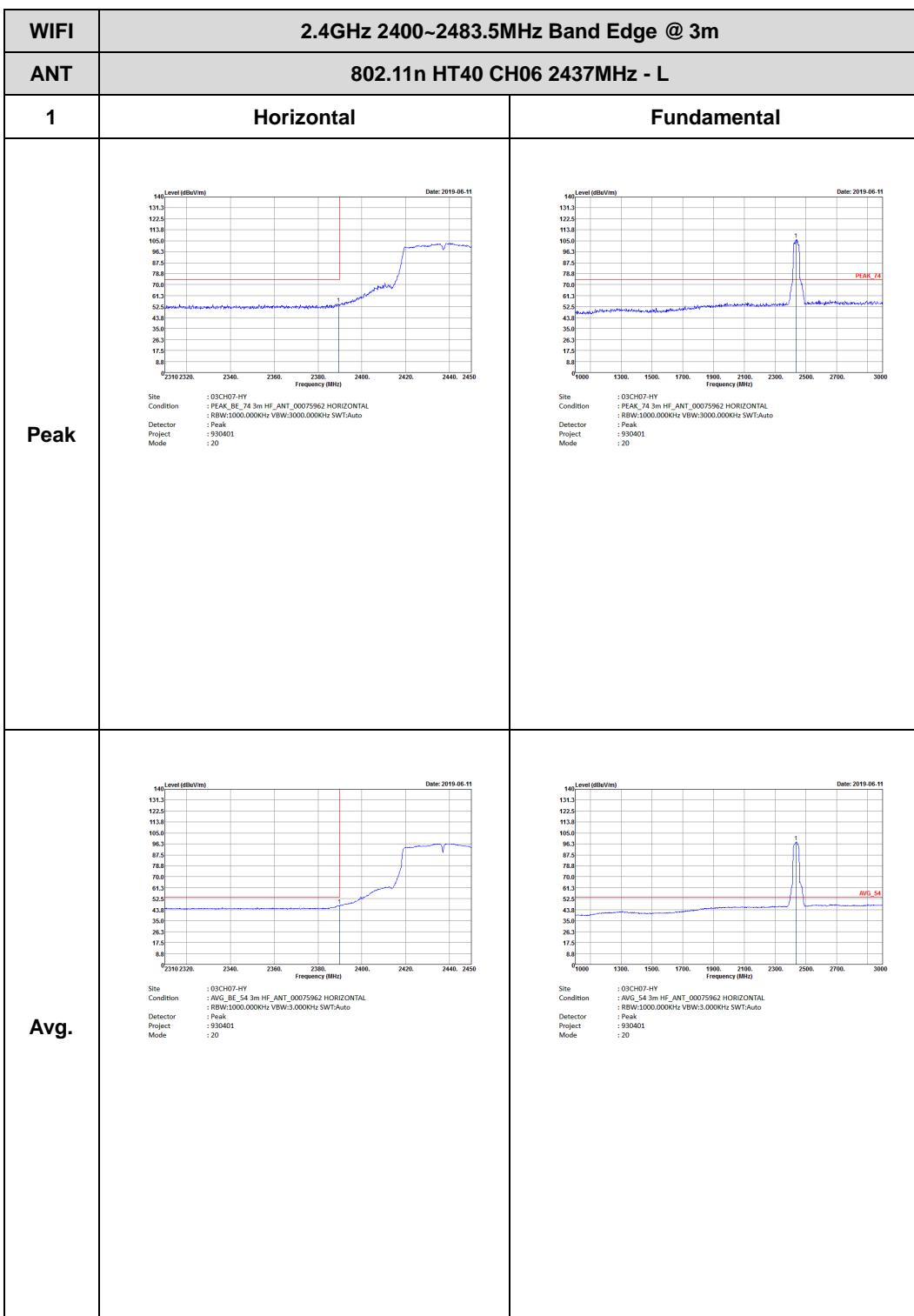


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-24</p> <p>PEAK_BE_74</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 19</p>	Left Blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-24</p> <p>AVG_BE_54</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 19</p>	Left Blank

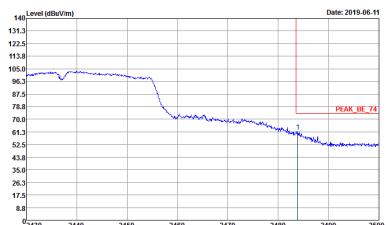
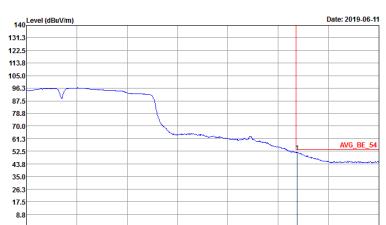


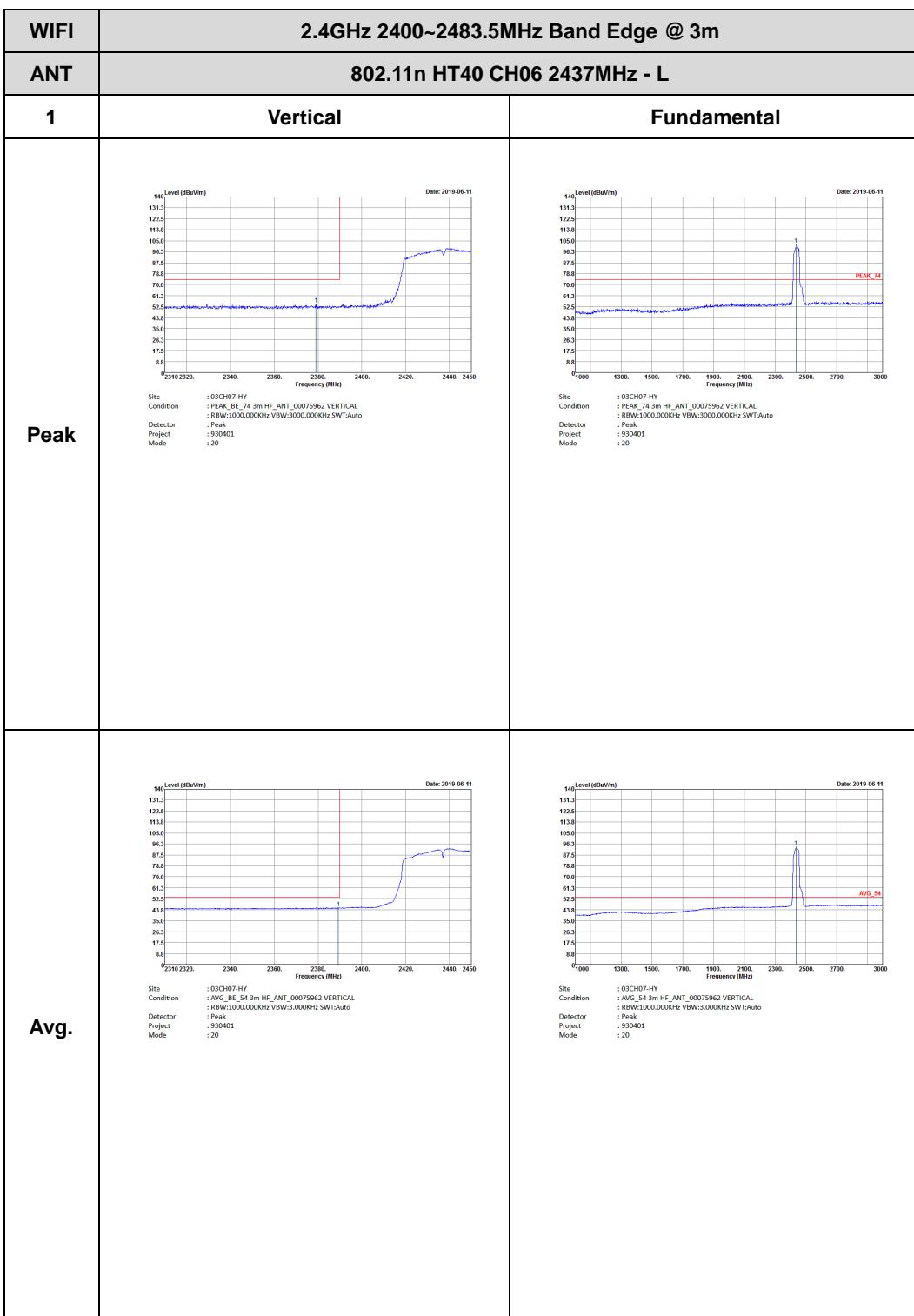


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-24</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 19</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-24</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 19</p>	Left blank



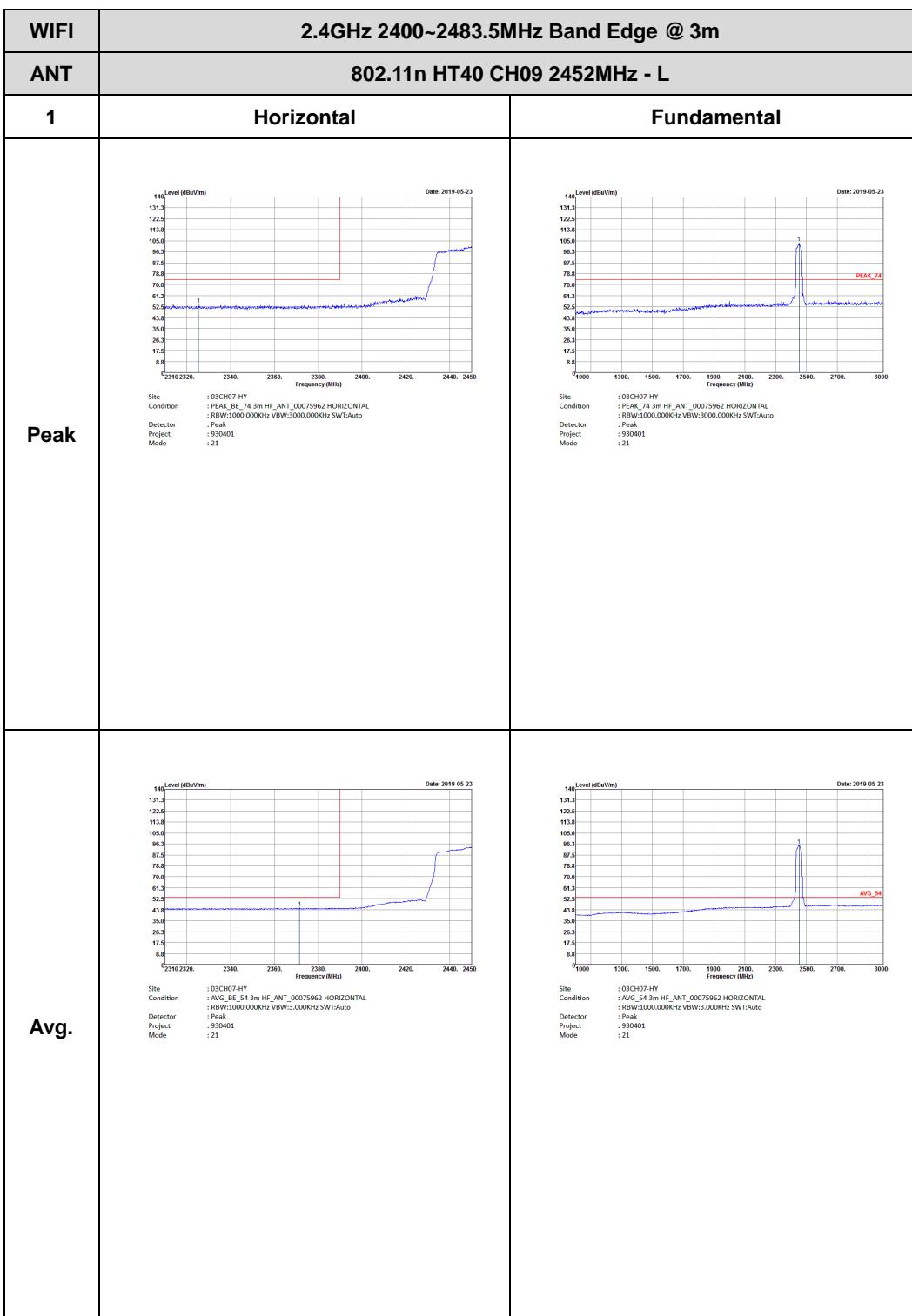


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-06-11</p> <p>PEAK_BE_74</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 20</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-06-11</p> <p>Avg_BE_54</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 20</p>	Left blank



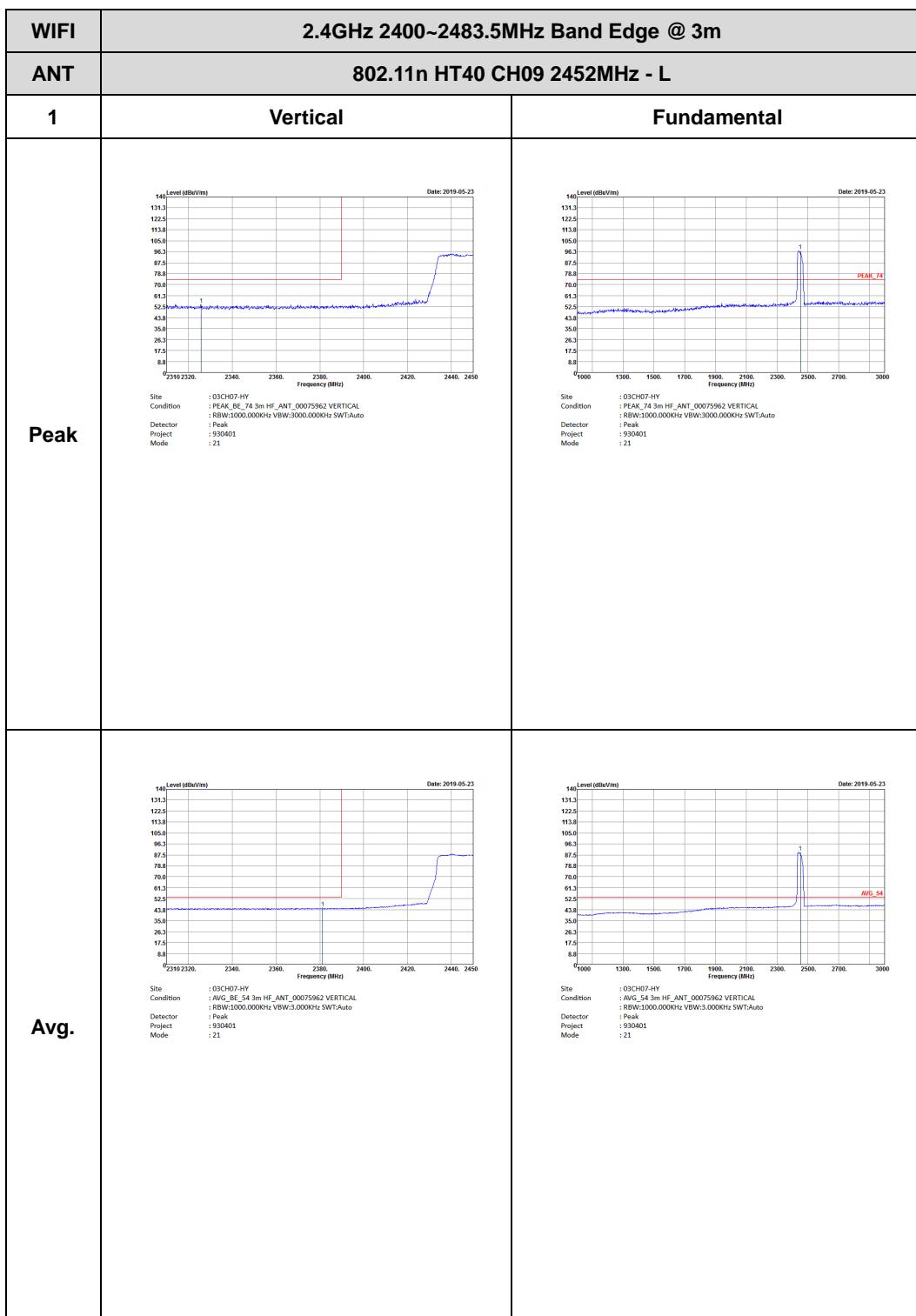


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	<p>Level (dBm/Vm)</p> <p>Date: 2019-06-11</p> <p>Frequency (MHz)</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 20</p>	Left blank
Avg.	<p>Level (dBm/Vm)</p> <p>Date: 2019-06-11</p> <p>Frequency (MHz)</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 20</p>	Left blank

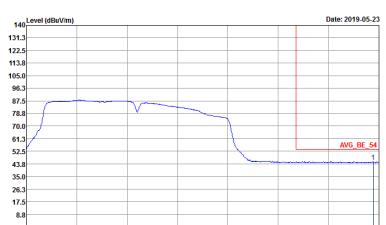




WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1	Horizontal	Fundamental
Peak	<p>Level (dBm/Vm)</p> <p>Date: 2019-05-23</p> <p>2430 2440. 2450. 2460. 2470. 2480. 2490. 2500 Frequency (MHz)</p> <p>PEAK_BE_74</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 21</p>	Left blank
Avg.	<p>Level (dBm/Vm)</p> <p>Date: 2019-05-23</p> <p>2430 2440. 2450. 2460. 2470. 2480. 2490. 2500 Frequency (MHz)</p> <p>AVG_BE_54</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 21</p>	Left blank



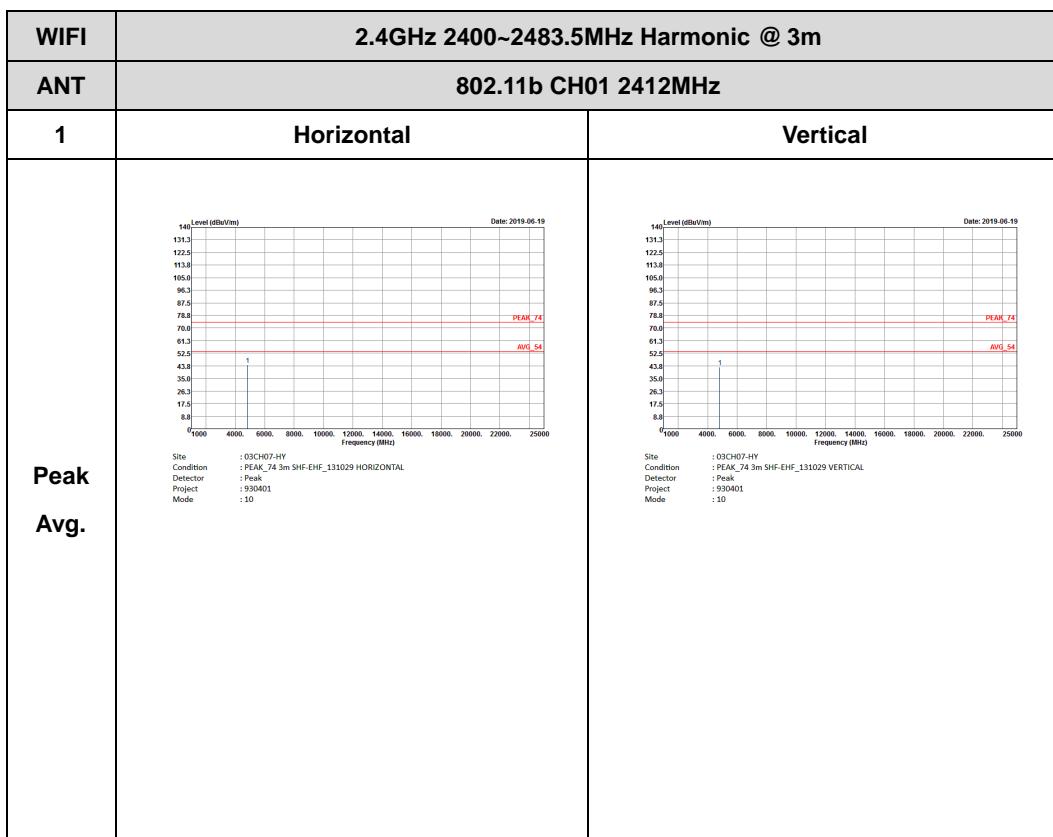


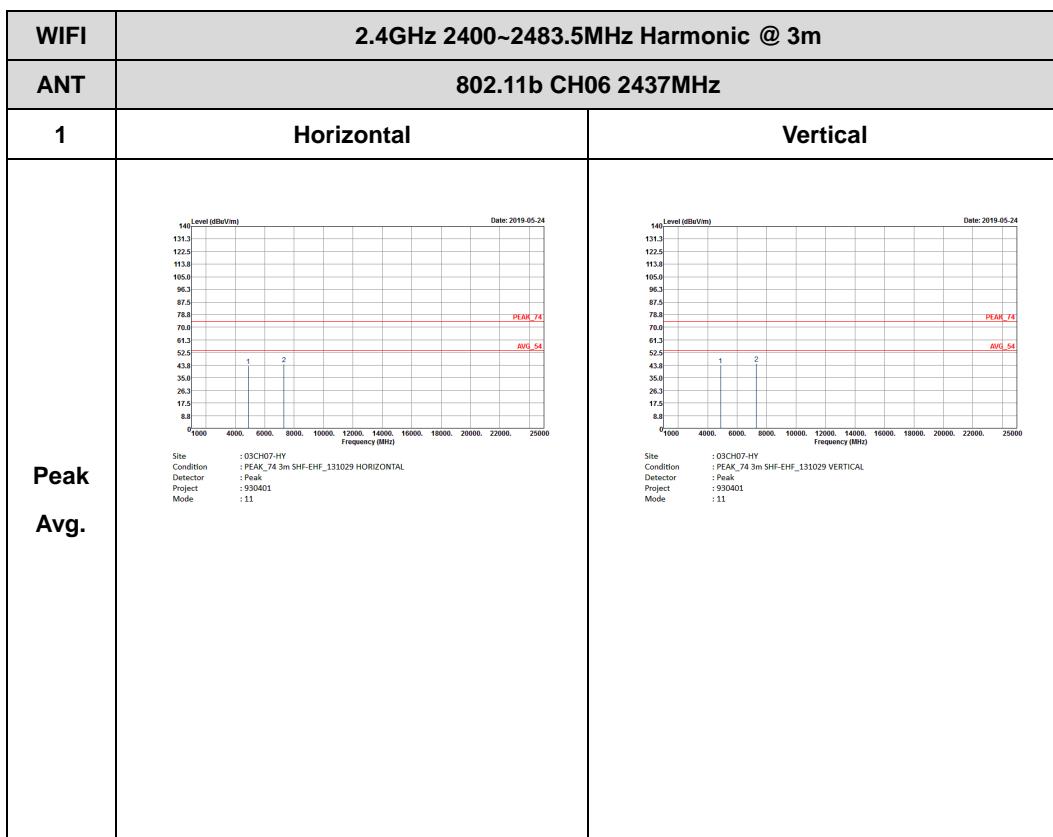
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-23</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 930401 Mode : 21</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-23</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 930401 Mode : 21</p>	Left blank

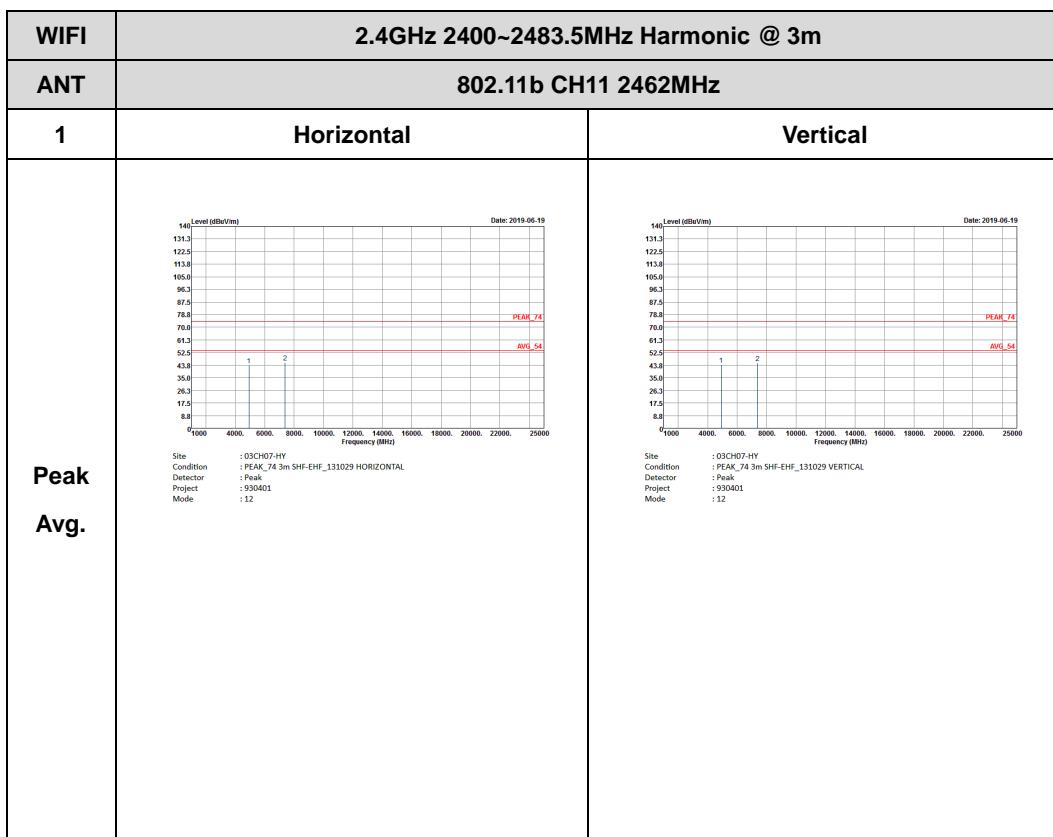


2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)



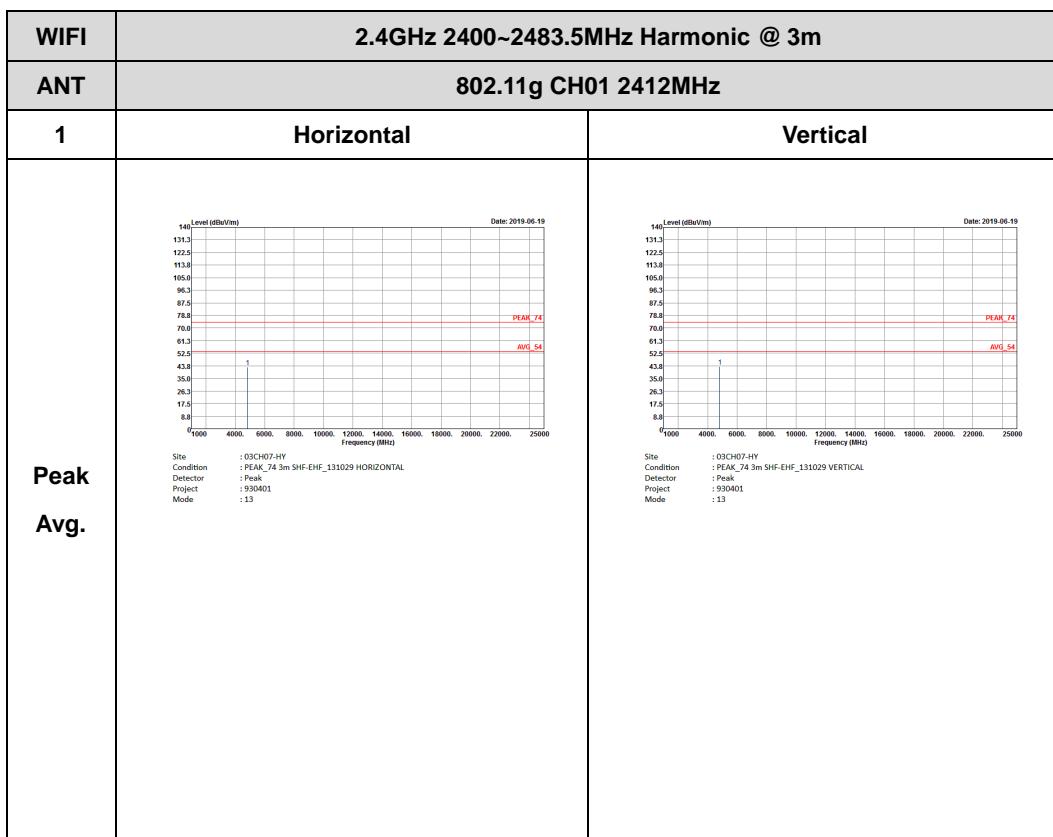


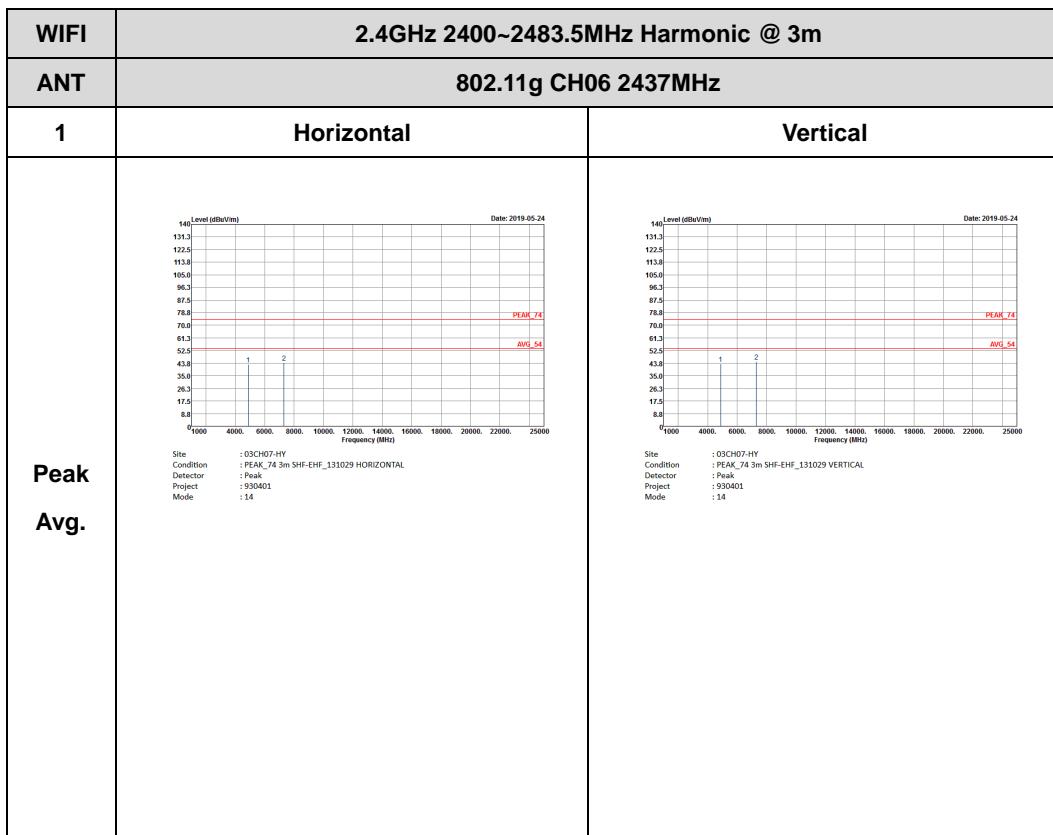


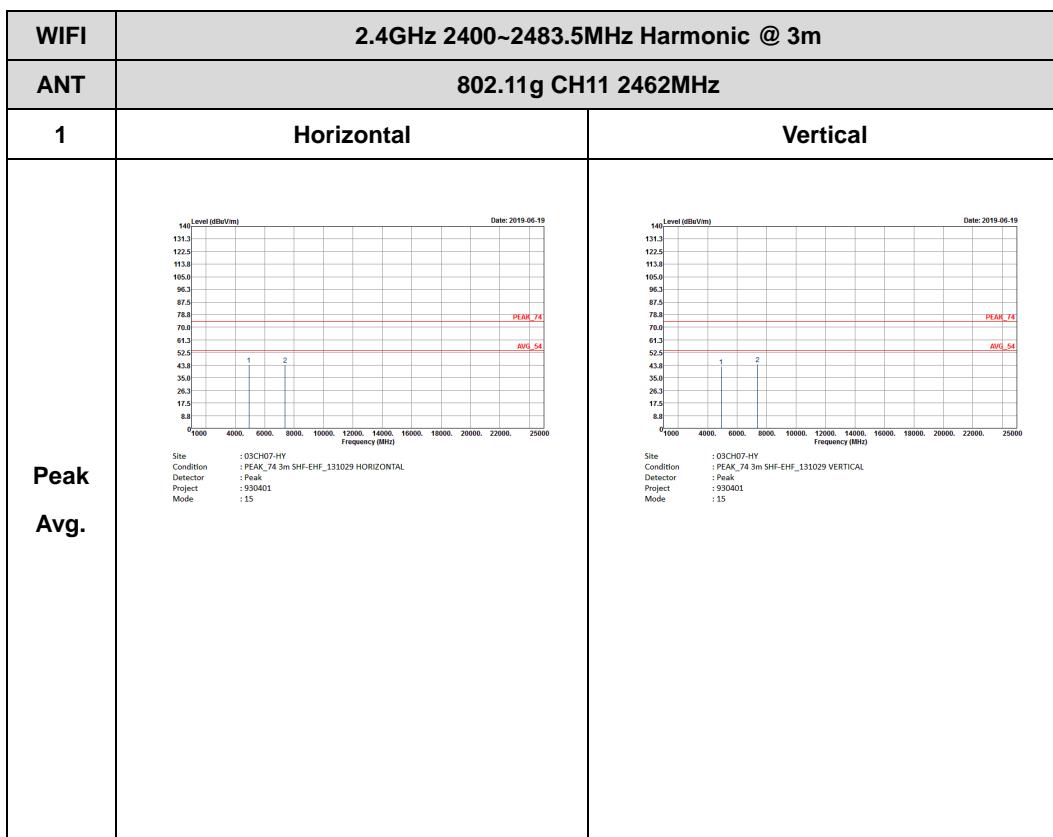


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)



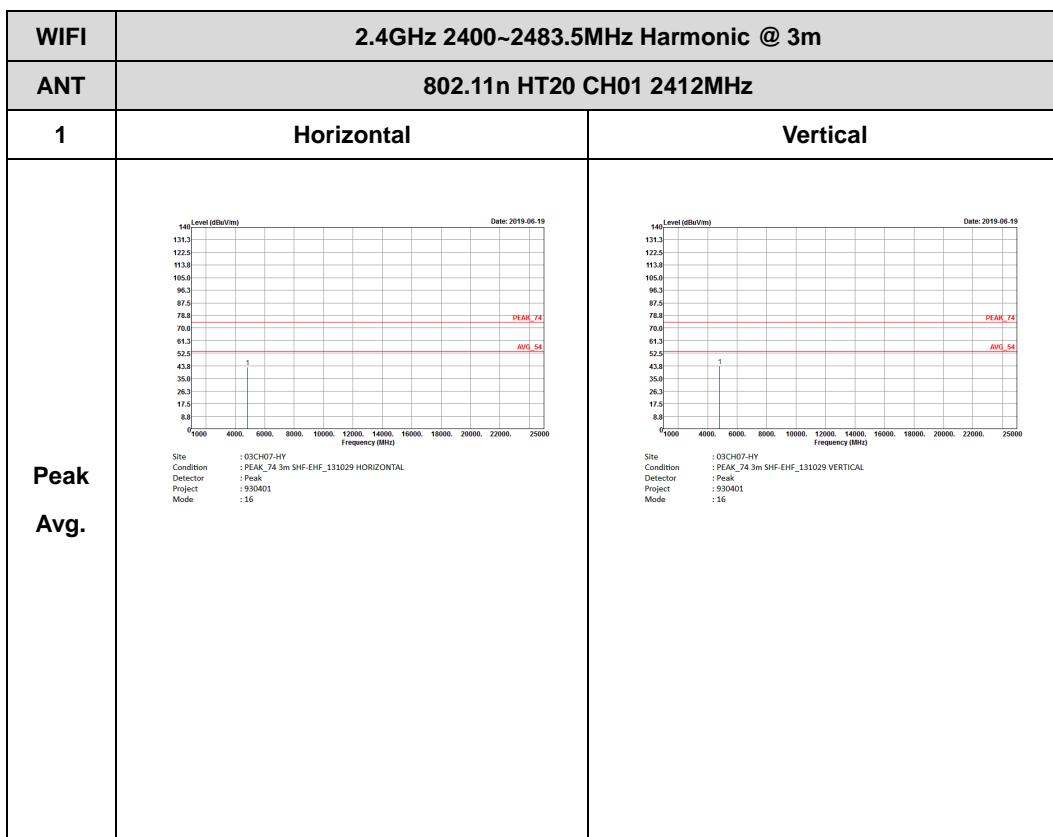


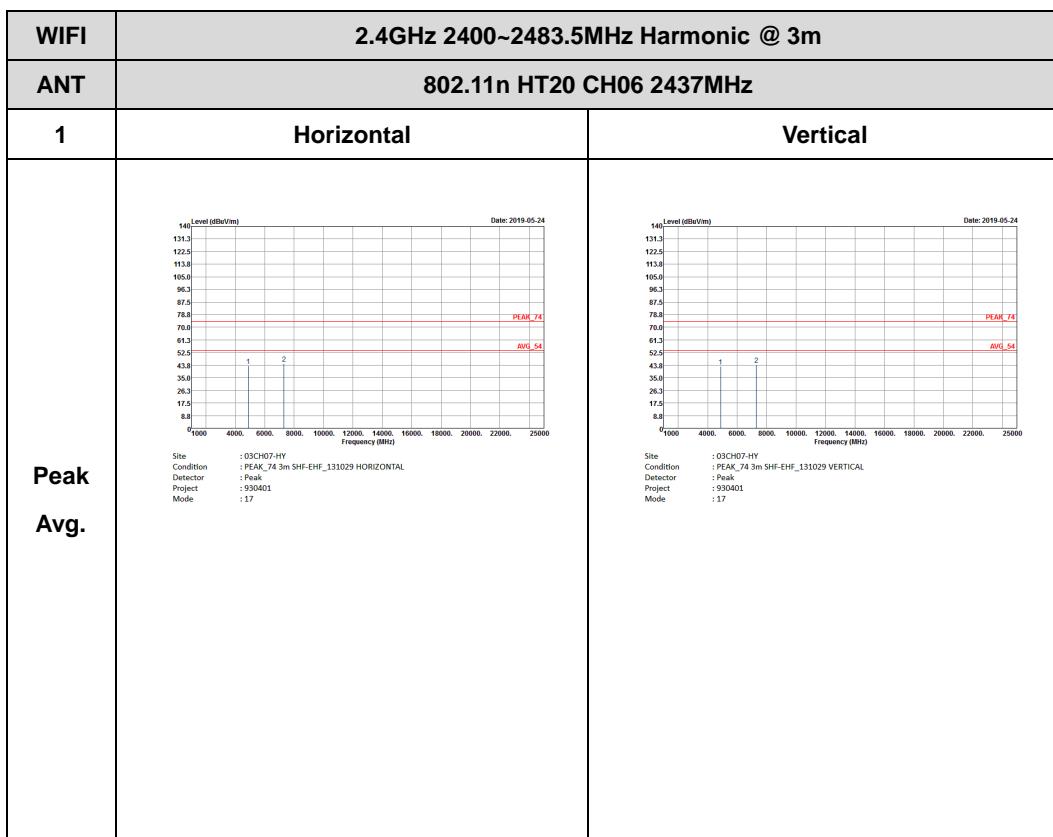


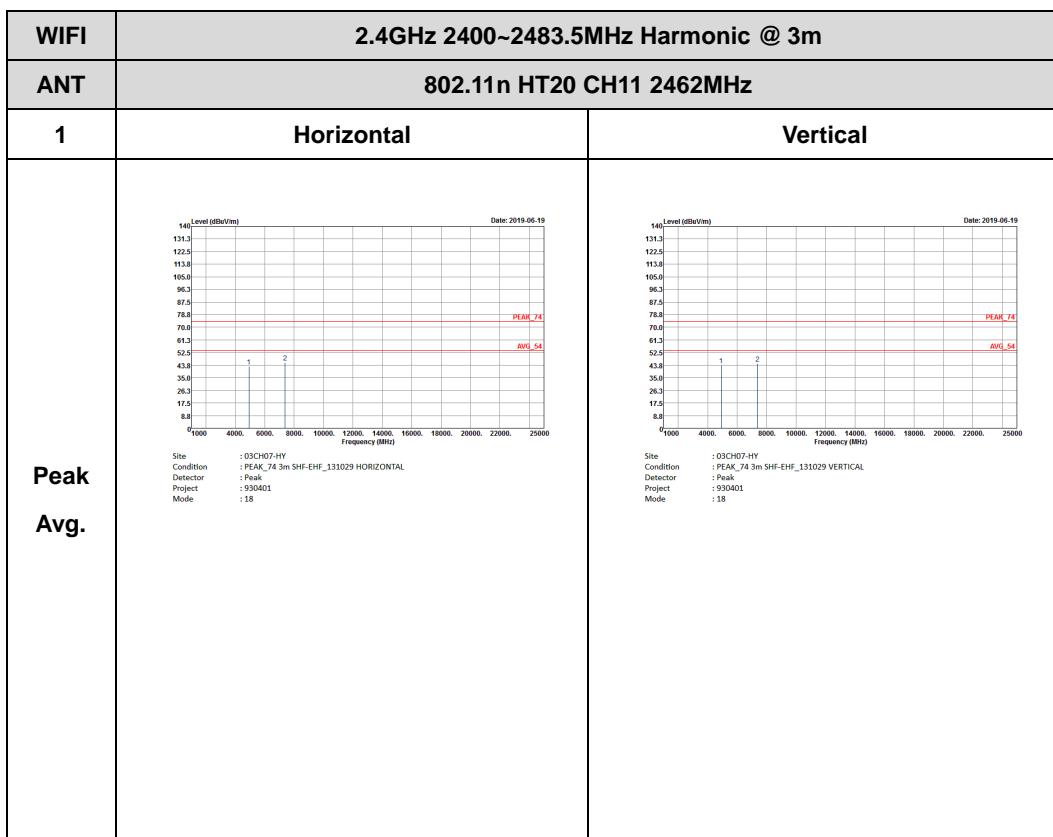


2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 3m)





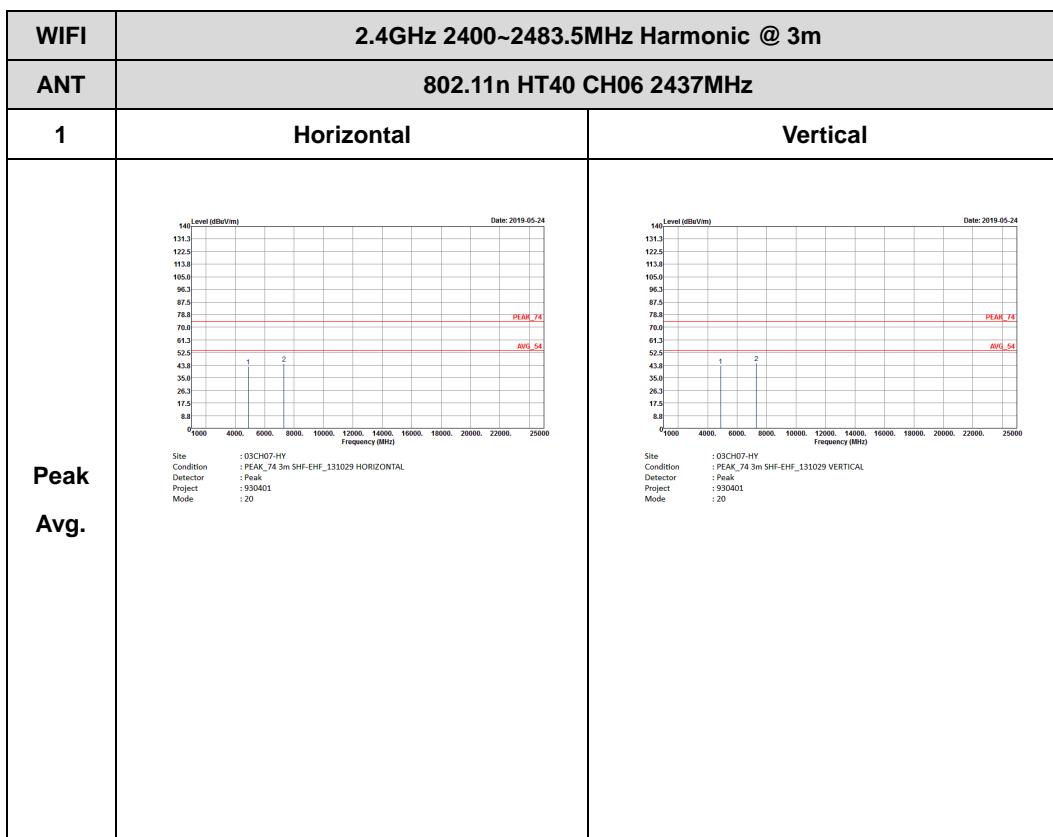


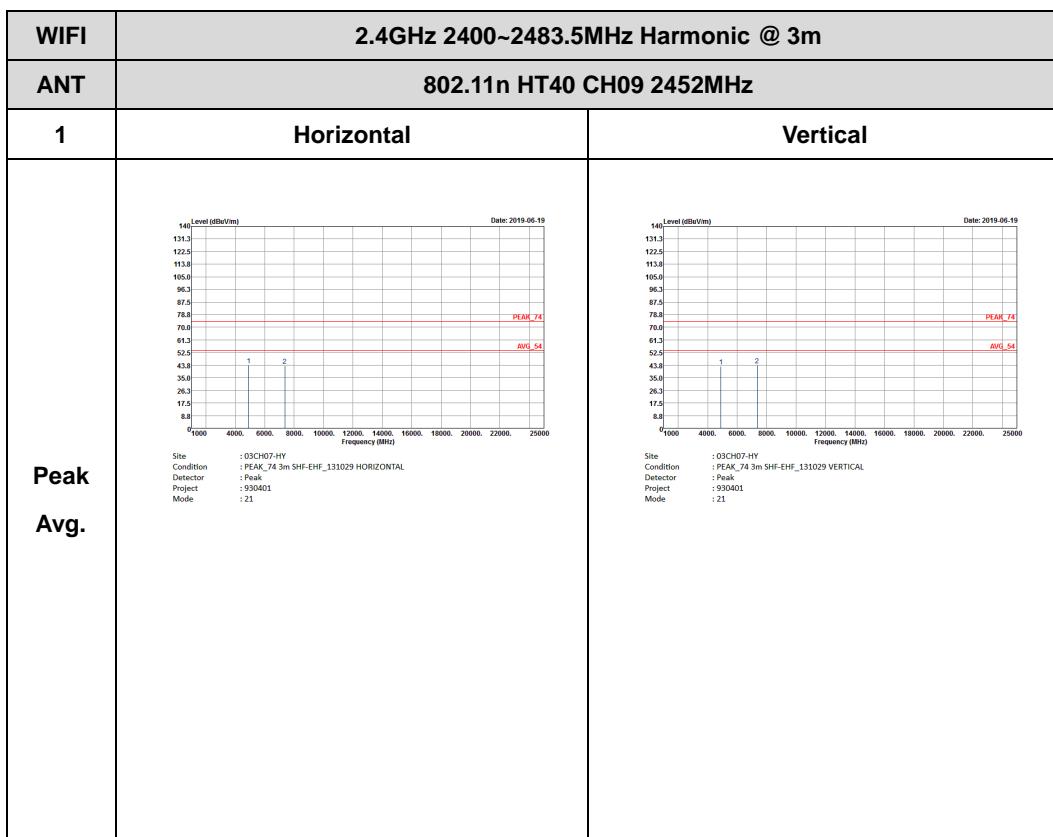


2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH03 2422MHz	
1	Horizontal	Vertical
Peak	<p>Date: 2019-06-19 Site: : 03CH07-HY Condition: : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector: : Peak Project: : 930401 Mode: : 19</p>	<p>Date: 2019-06-19 Site: : 03CH07-HY Condition: : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector: : Peak Project: : 930401 Mode: : 19</p>
Avg.		

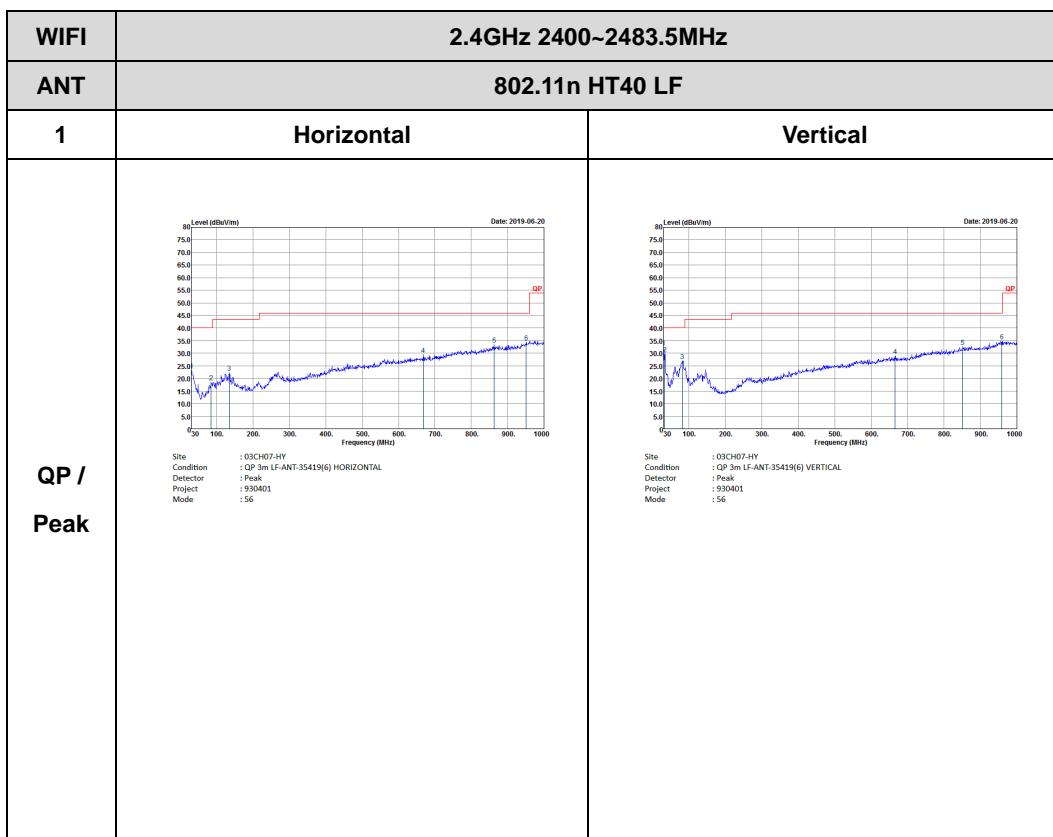






Emission below 1GHz

2.4GHz WIFI 802.11n HT40 (LF)

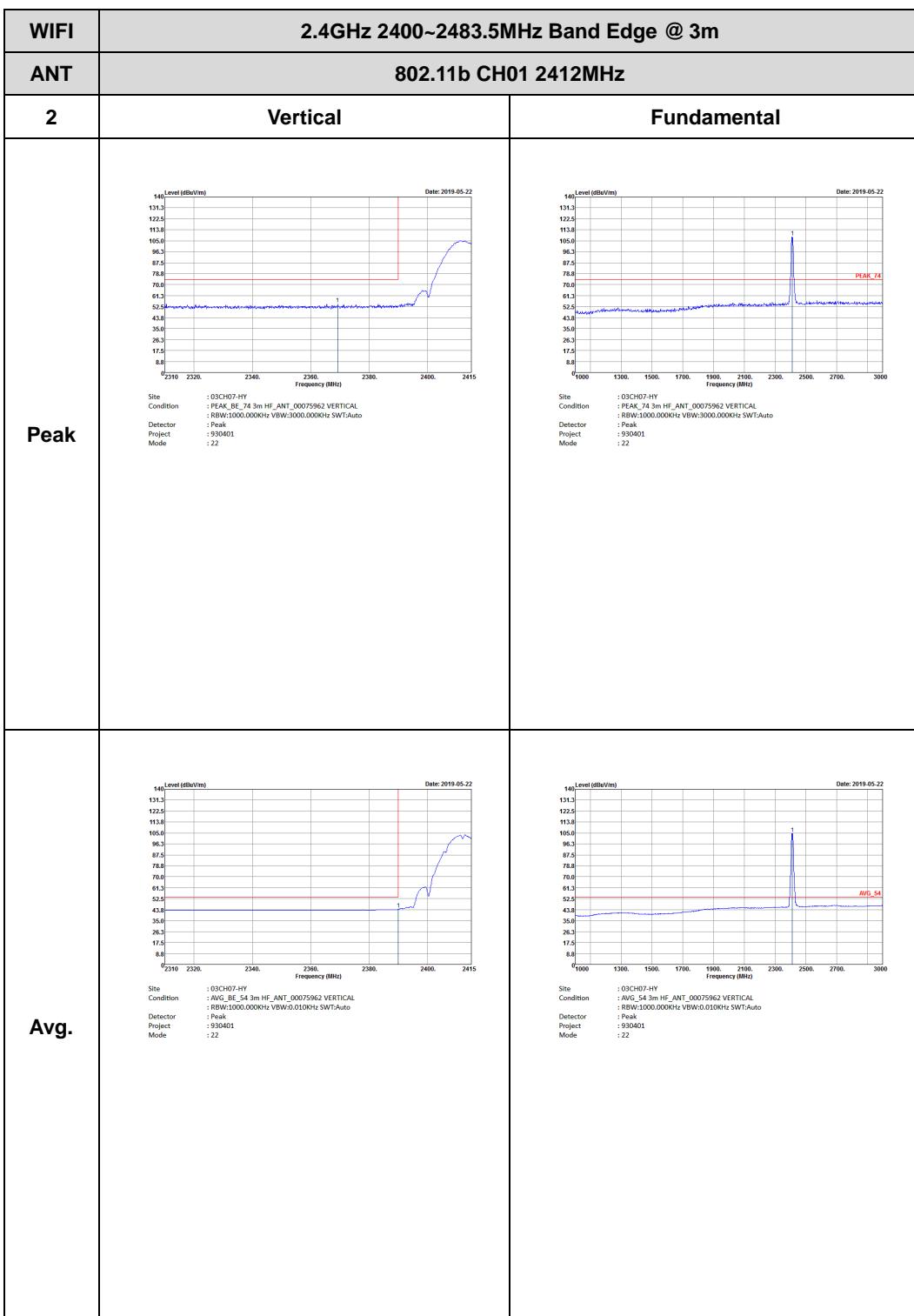


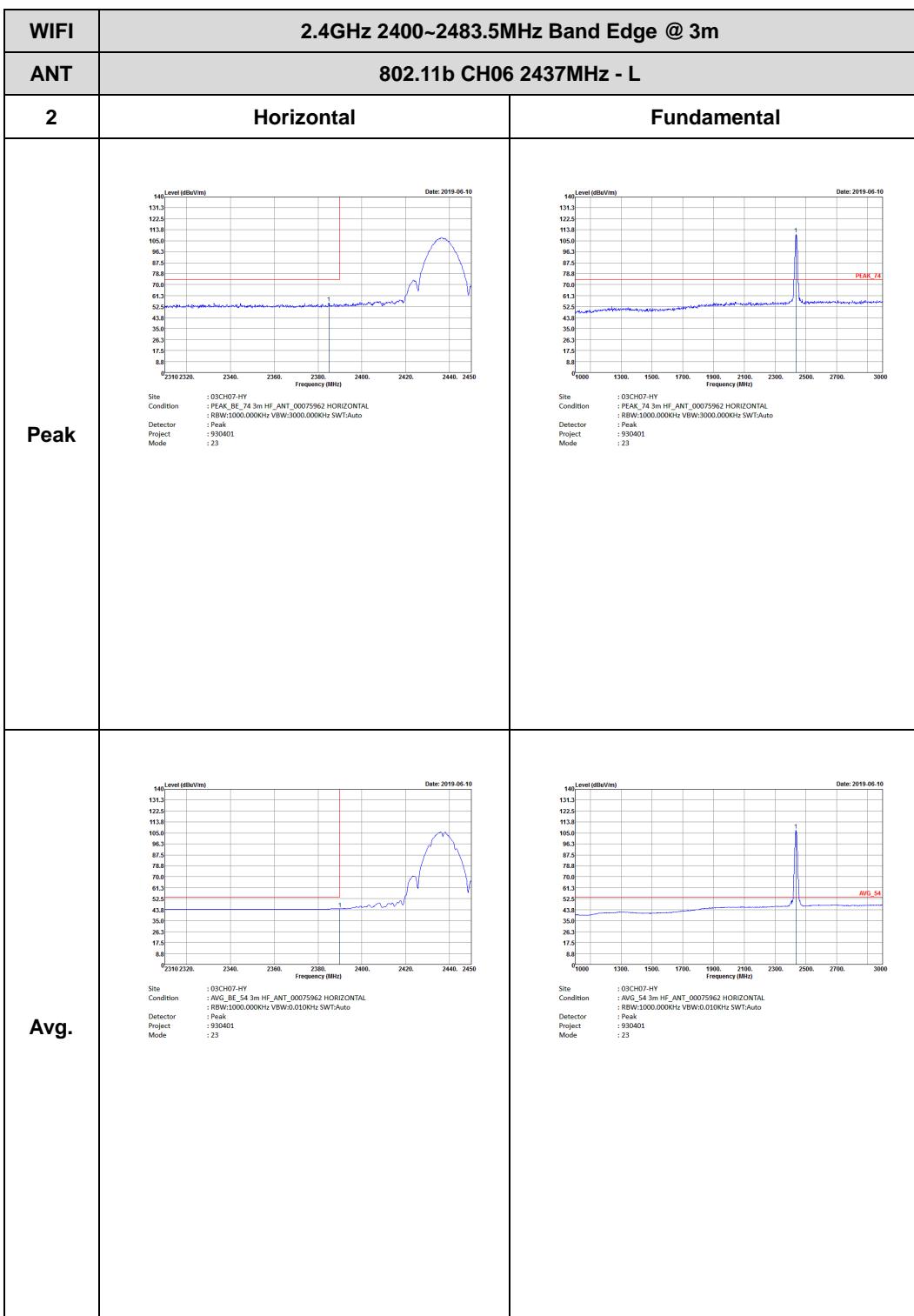


2.4GHz 2400~2483.5MHz

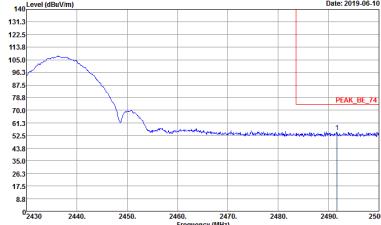
WIFI 802.11b (Band Edge @ 3m)

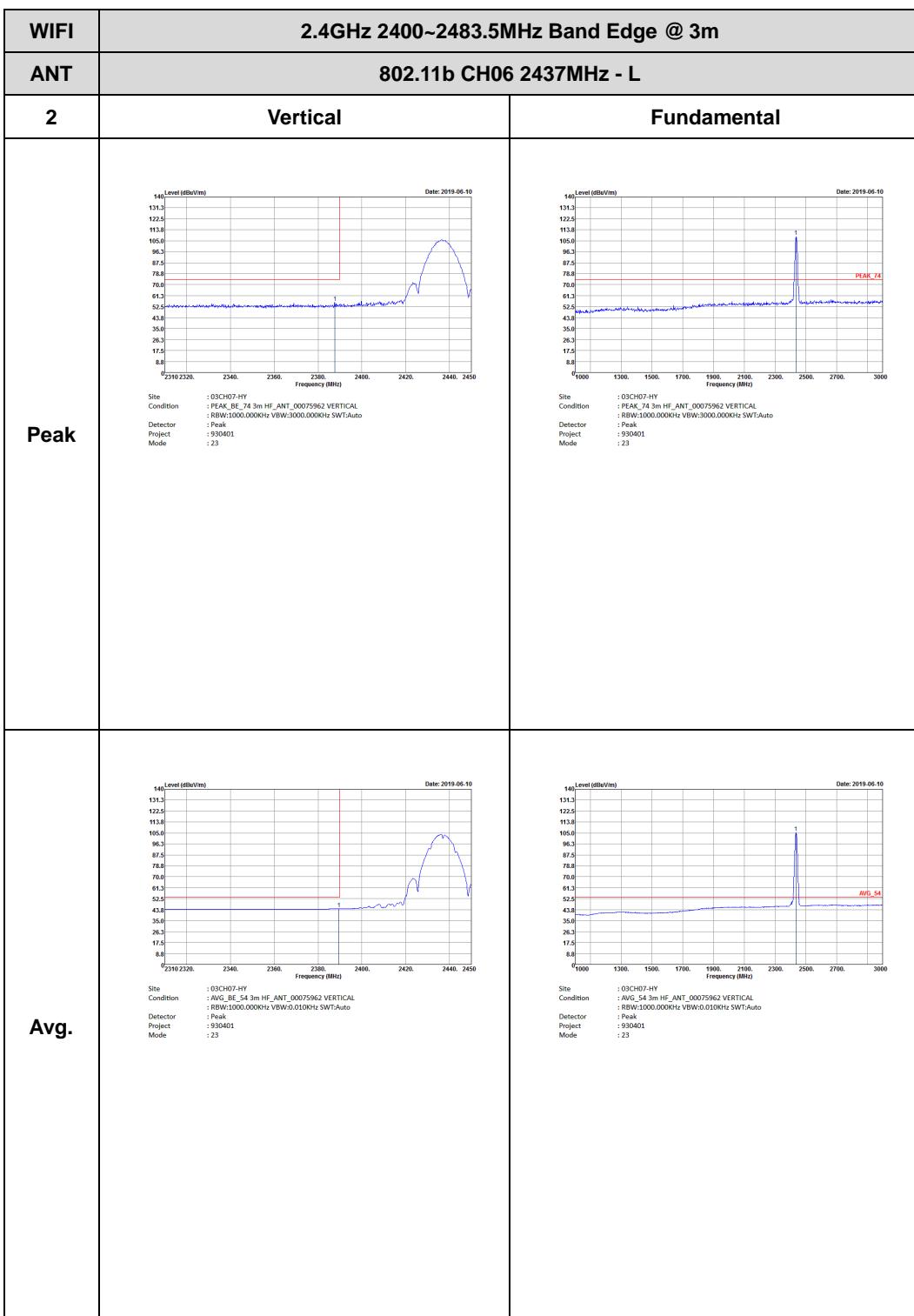
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74_3m_HF_ANT_00075962_HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 930401 Mode : 22	 Site : 03CH07-HY Condition : PEAK_24_3m_HF_ANT_00075962_HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 930401 Mode : 22
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54_3m_HF_ANT_00075962_HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 930401 Mode : 22	 Site : 03CH07-HY Condition : AVG_54_3m_HF_ANT_00075962_HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 930401 Mode : 22



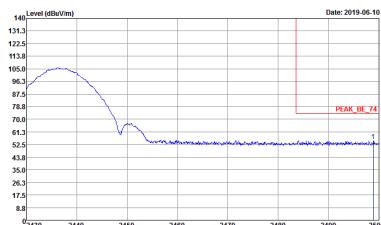
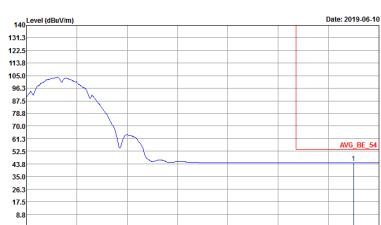


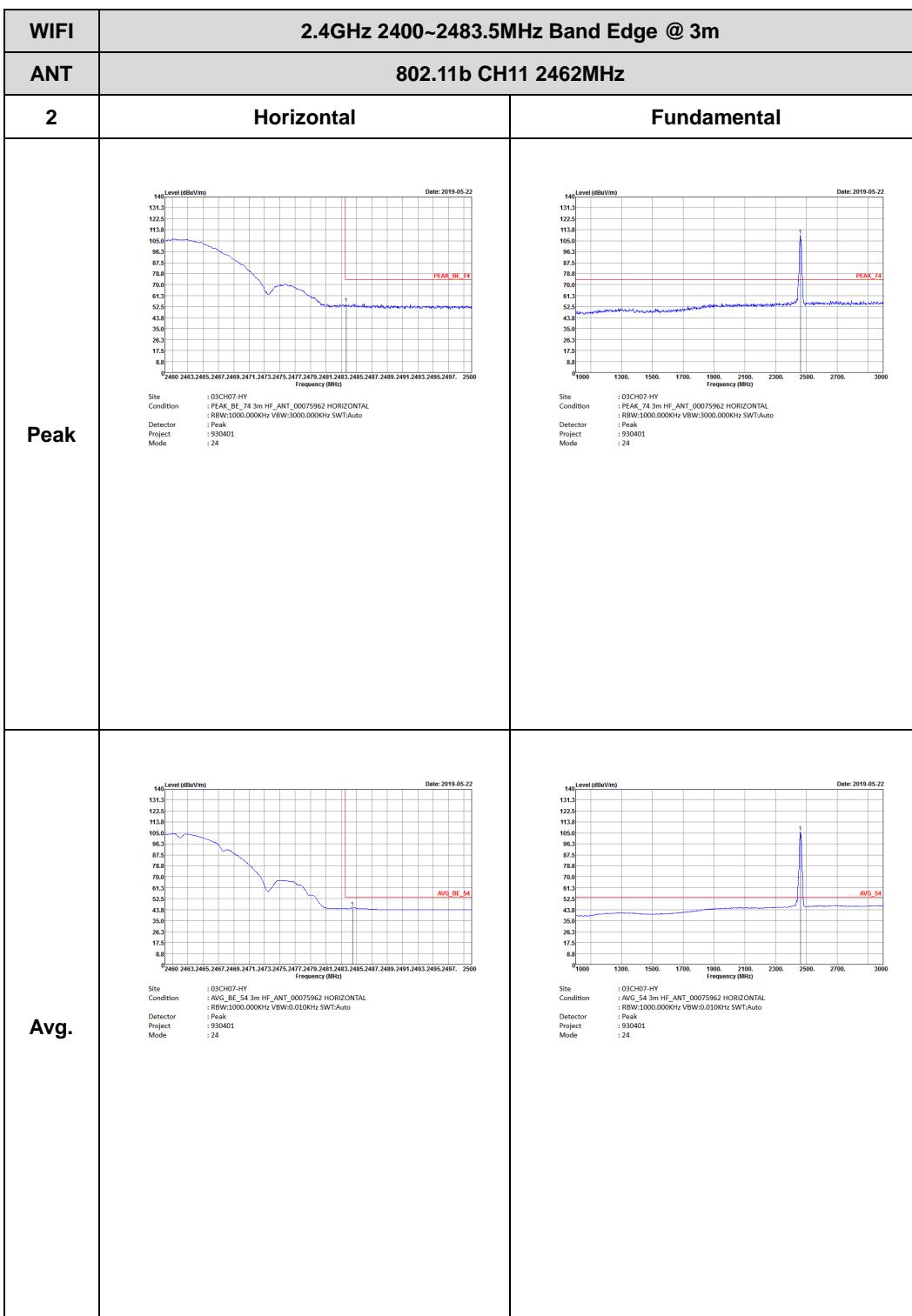


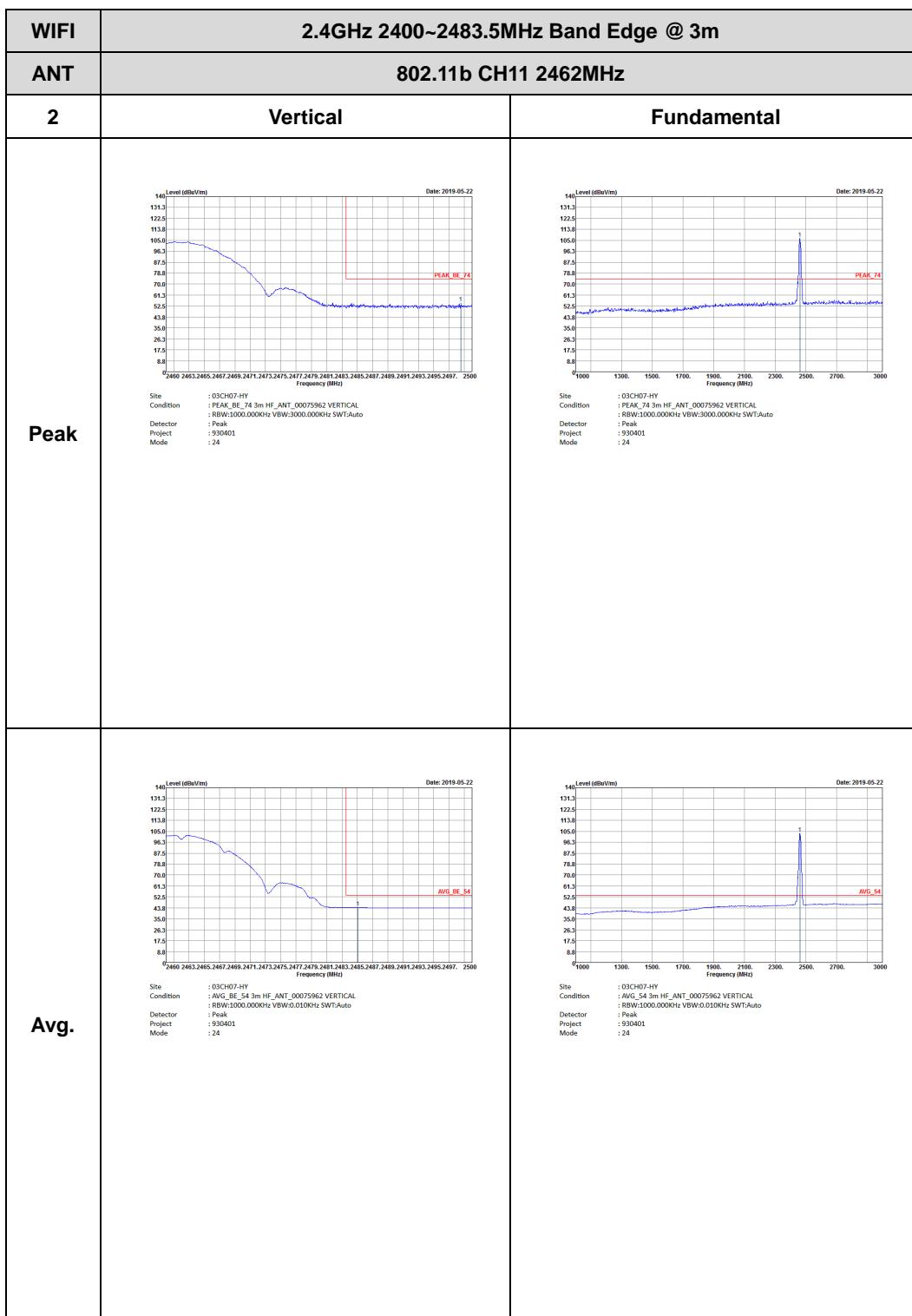
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-06-10</p> <p>PEAK_BE_74</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 930401 : 23</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-06-10</p> <p>AVG_BE_54</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Mode : 930401 : 23</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-06-10</p> <p>PEAK_BE_74</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 930401 : 23</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-06-10</p> <p>AVG_BE_54</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Mode : 930401 : 23</p>	Left blank

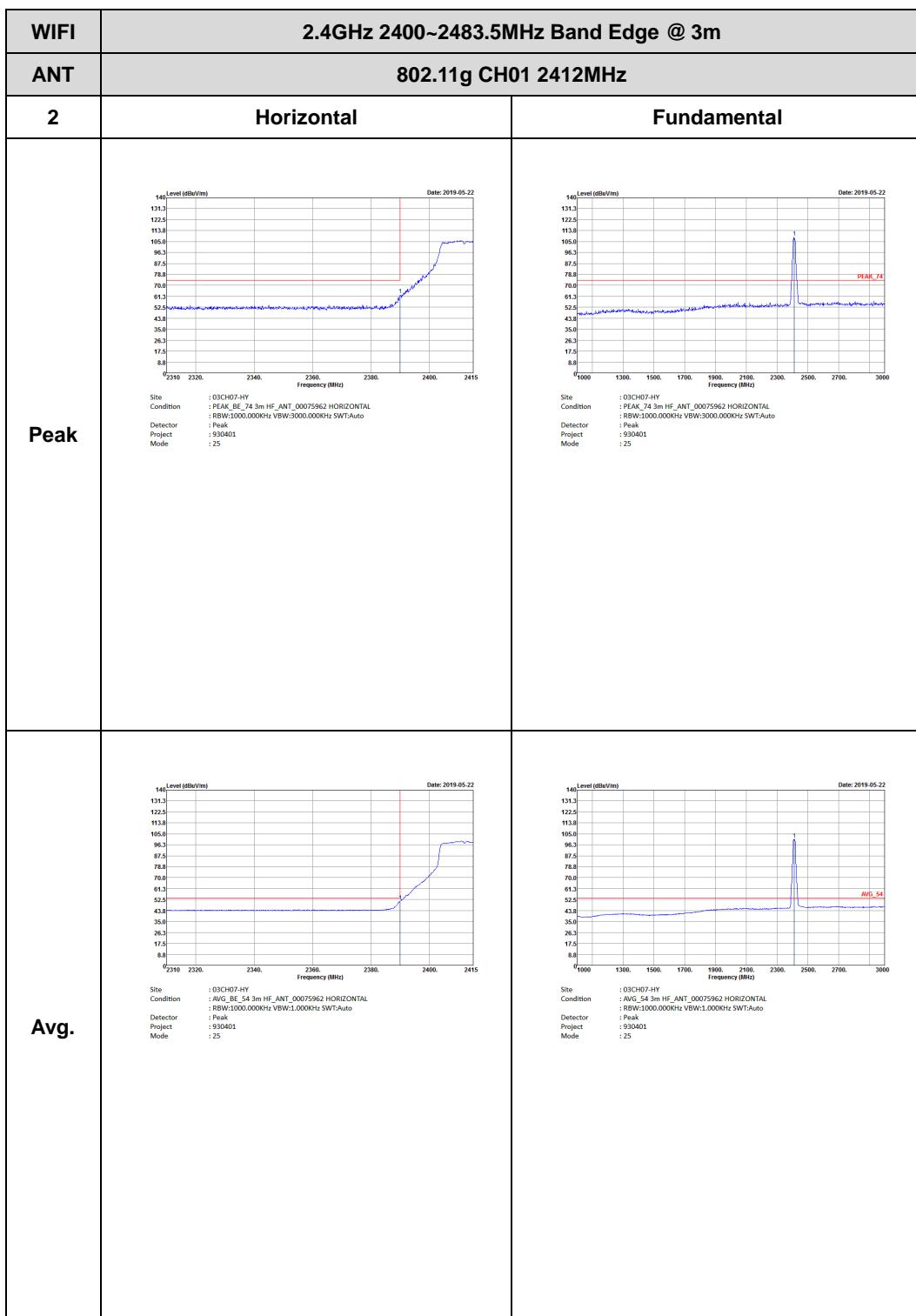


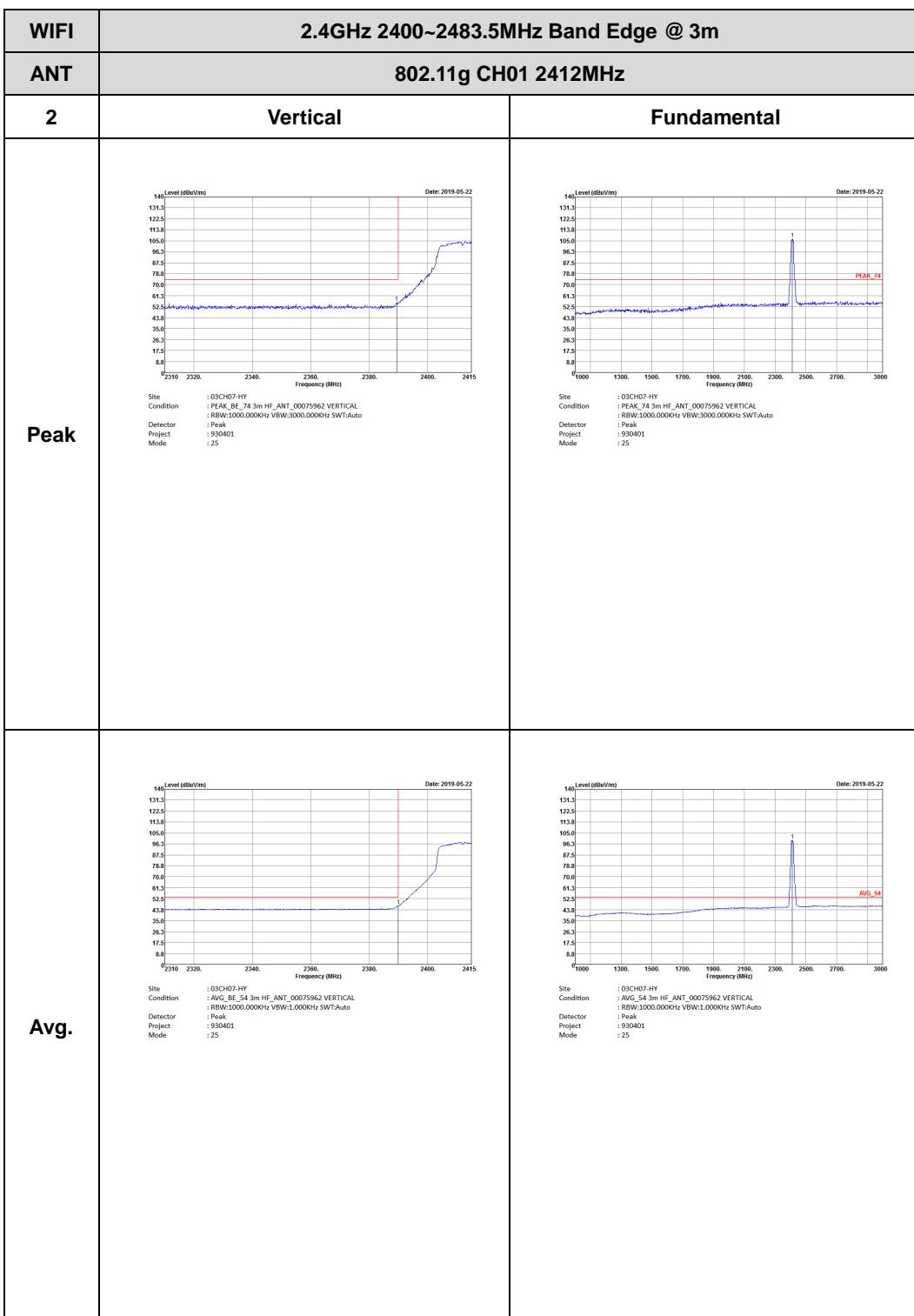


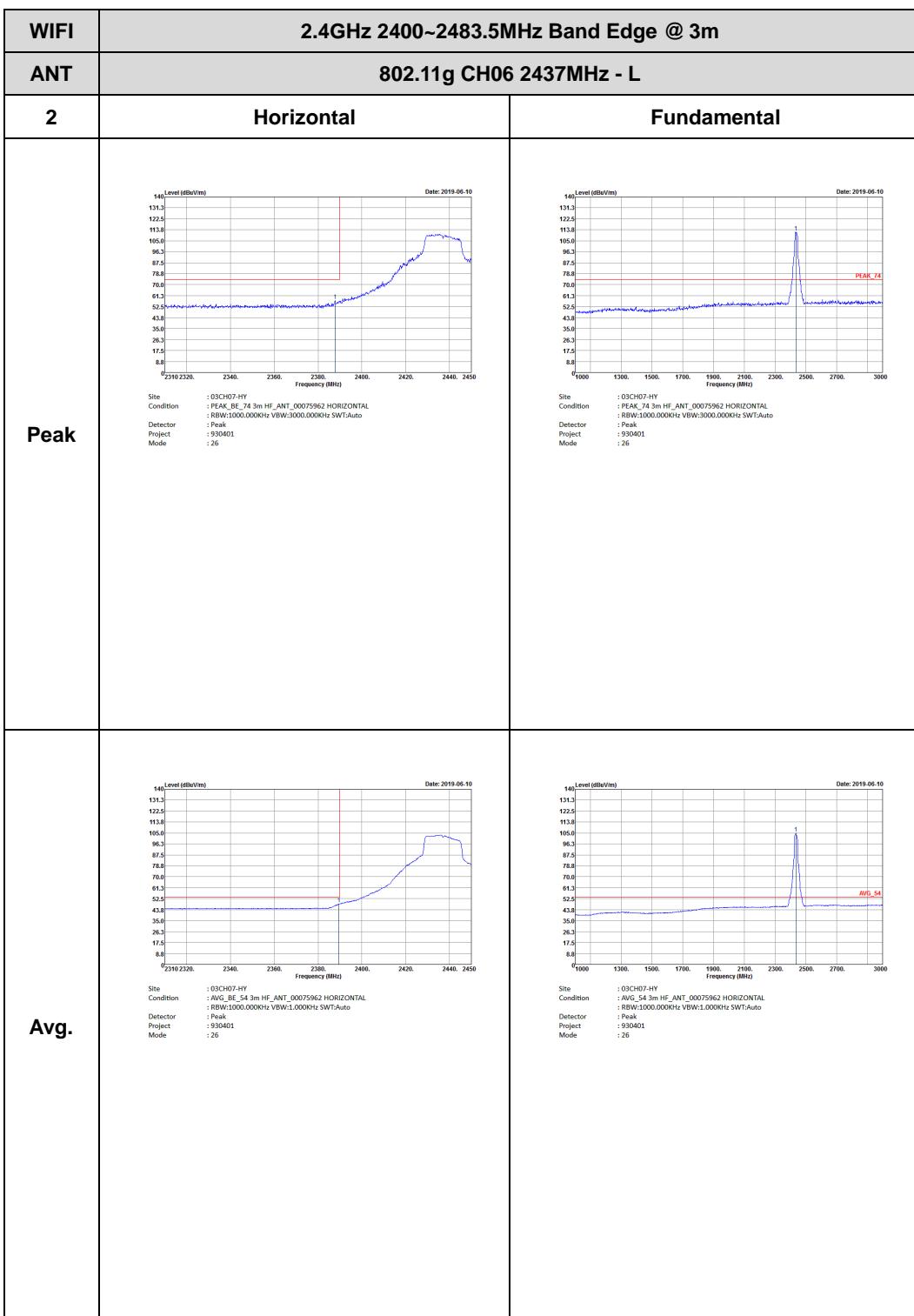


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

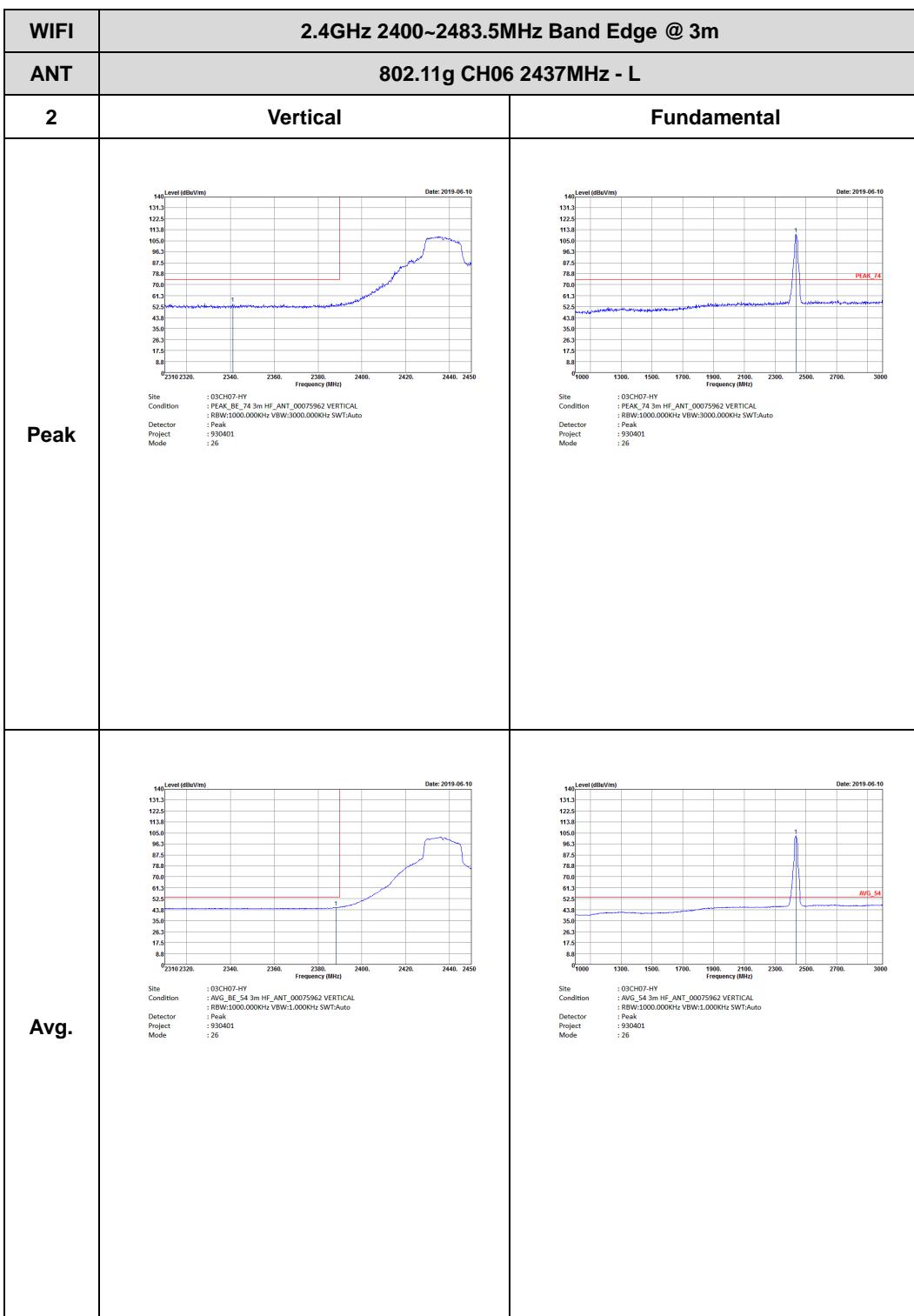






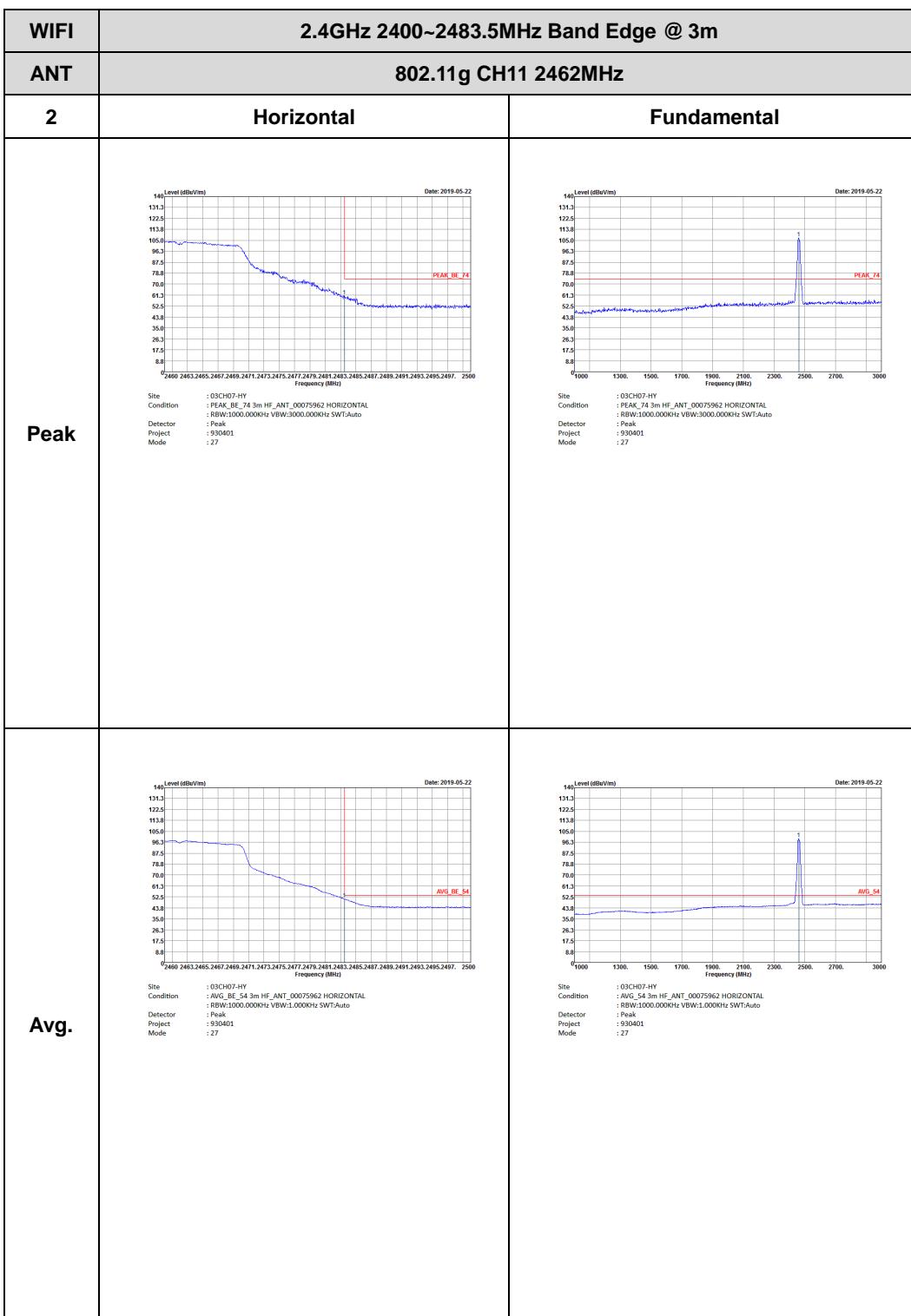


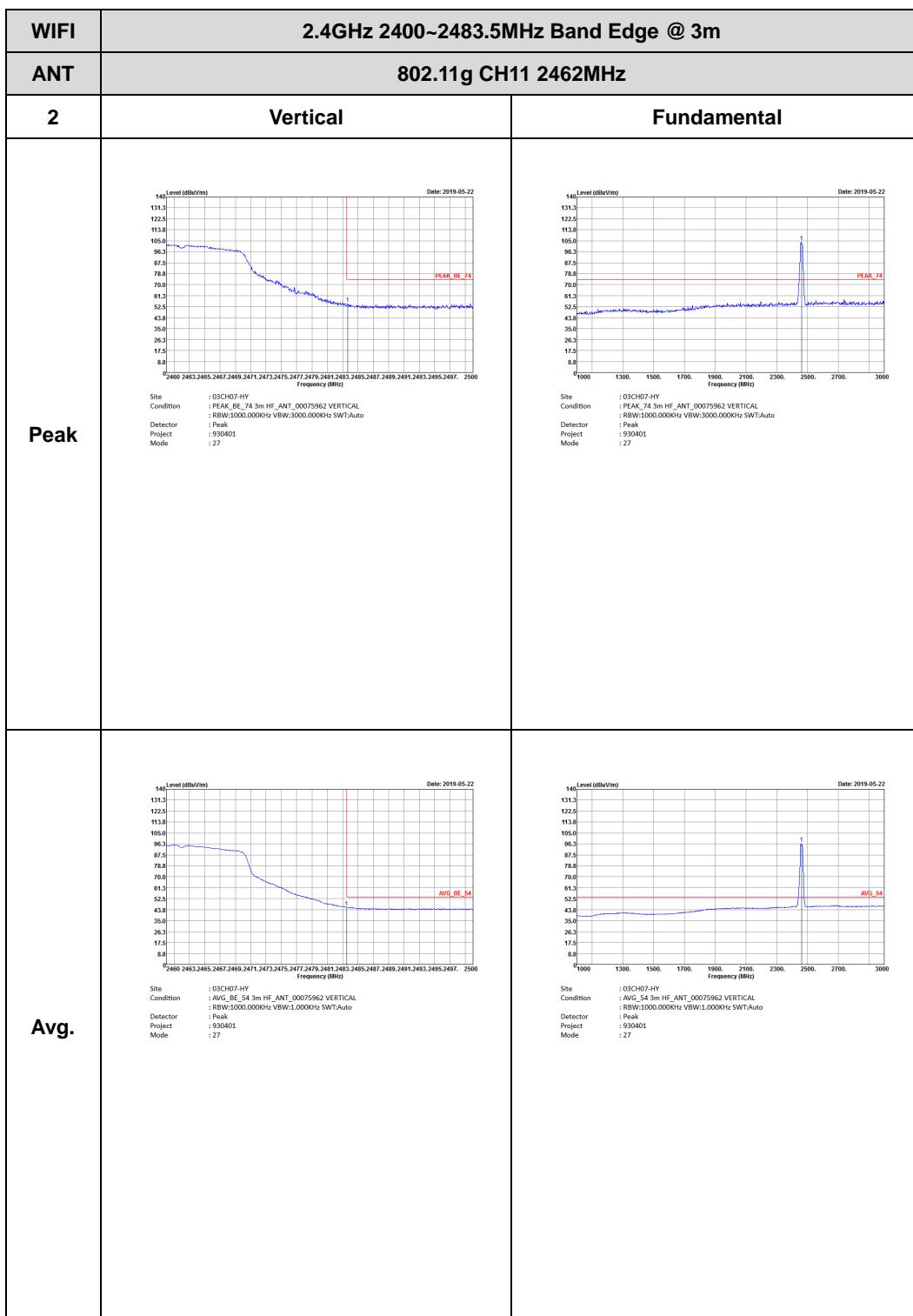
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 930401 : 26</p>	Left blank
Avg.	<p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 930401 : 26</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	<p>Level (dBm/V/m)</p> <p>Date: 2019-06-10</p> <p>Frequency (MHz)</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 930401 : 26</p>	Left Blank
Avg.	<p>Level (dBm/V/m)</p> <p>Date: 2019-06-10</p> <p>Frequency (MHz)</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 930401 : 26</p>	Left Blank



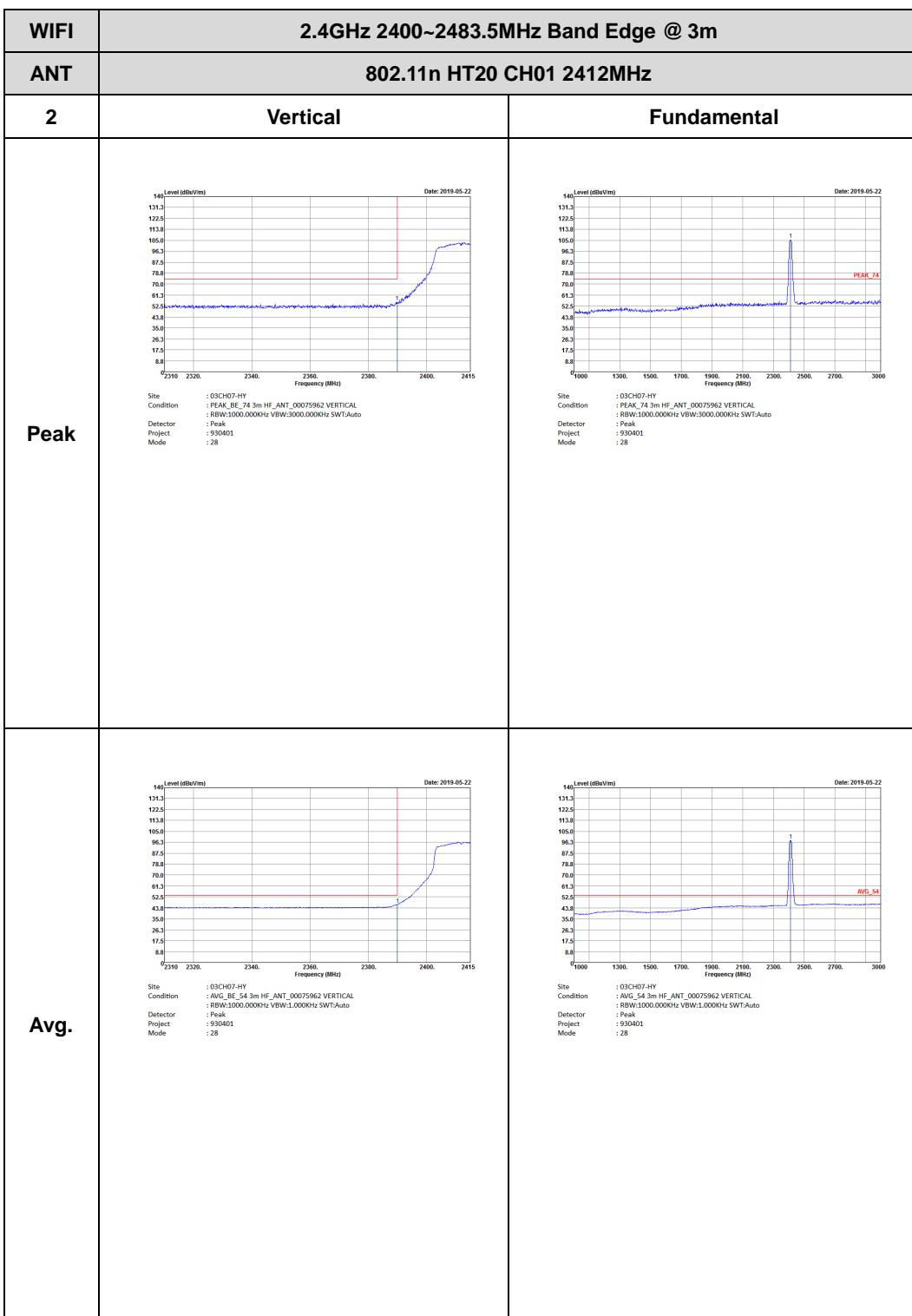


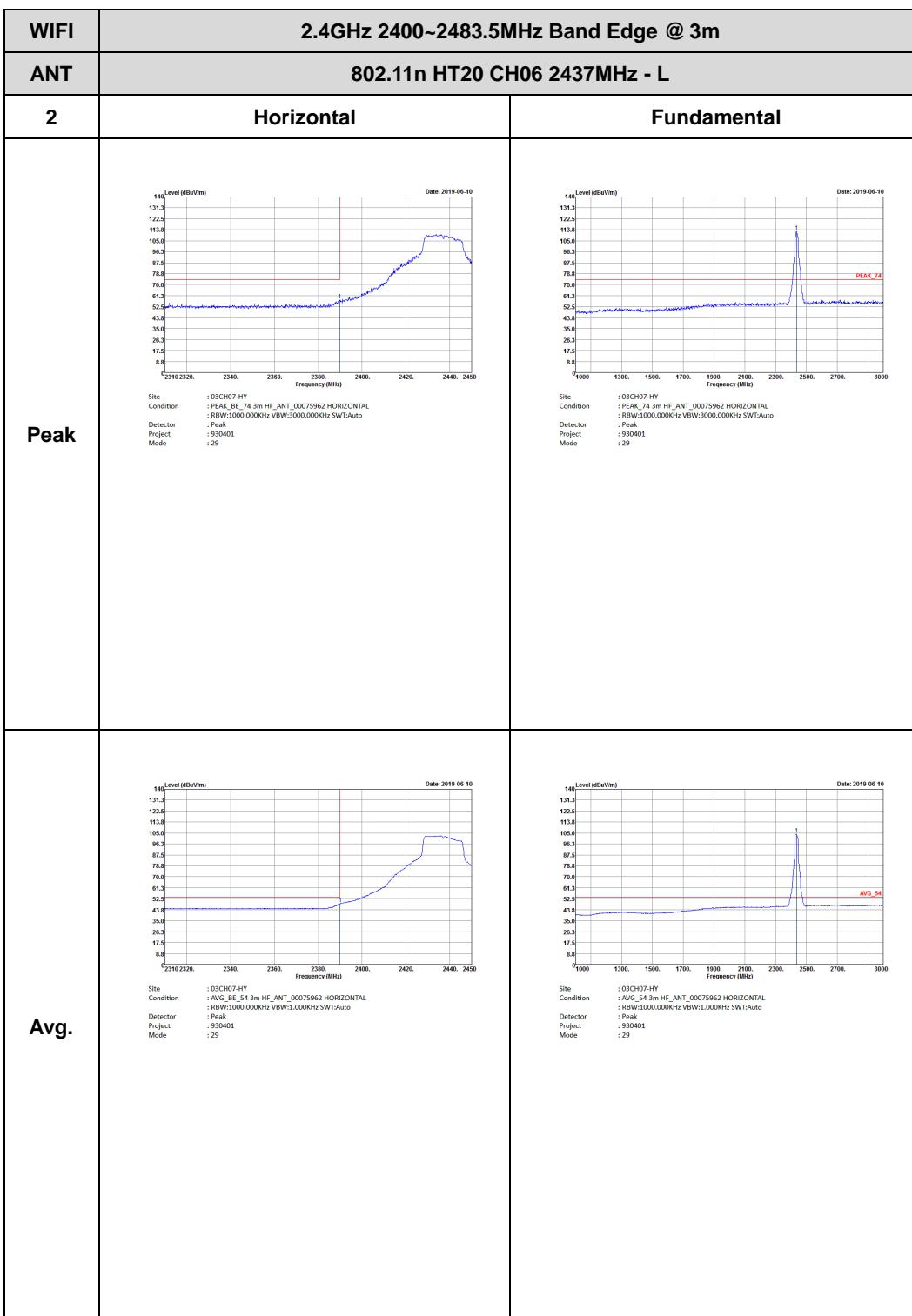


2.4GHz 2400~2483.5MHz

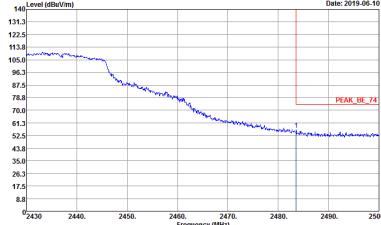
WIFI 802.11n HT20 (Band Edge @ 3m)

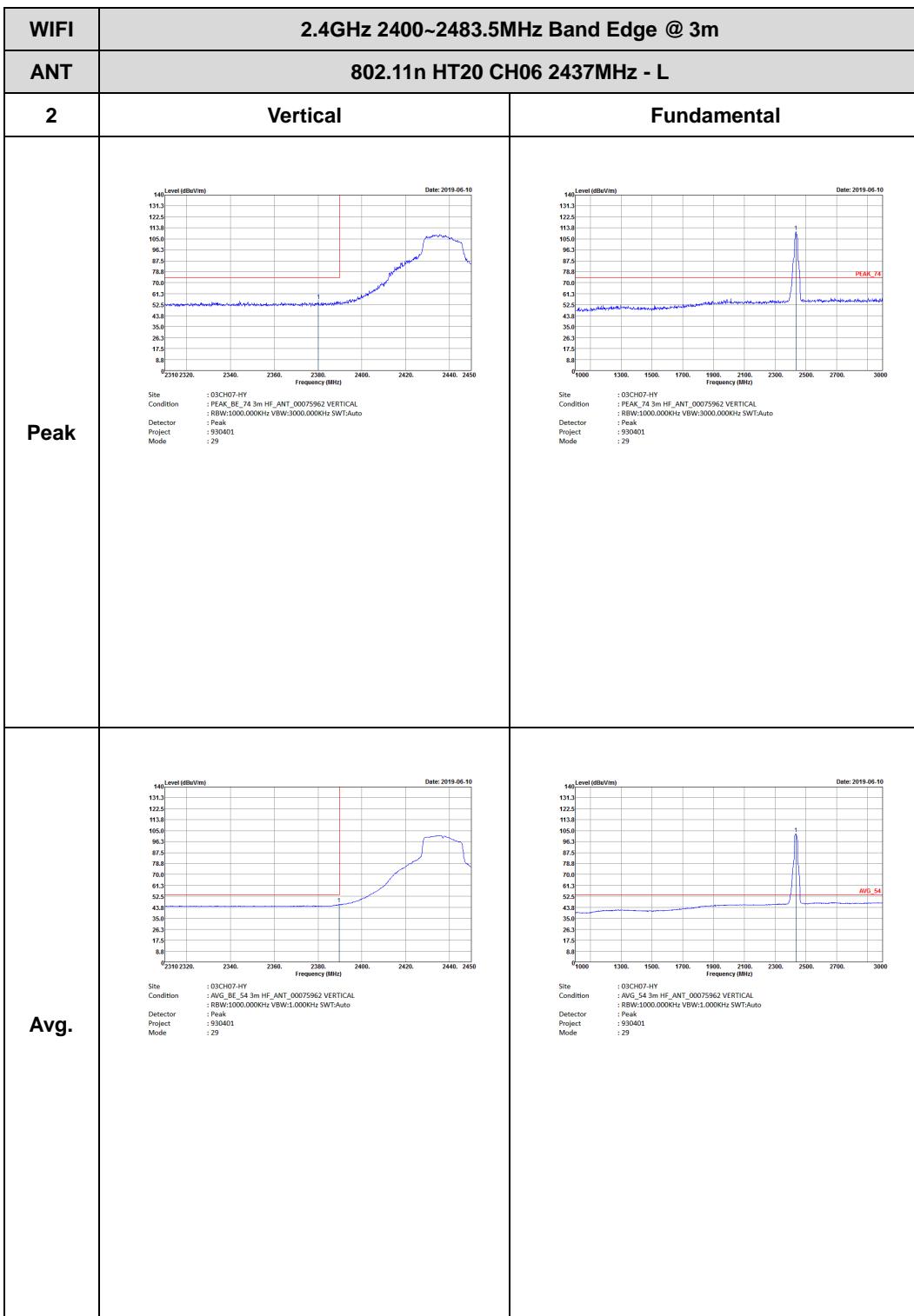
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
2	Horizontal	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 28	 Site: 03CH07-HY Condition: PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 28
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 28	 Site: 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 28





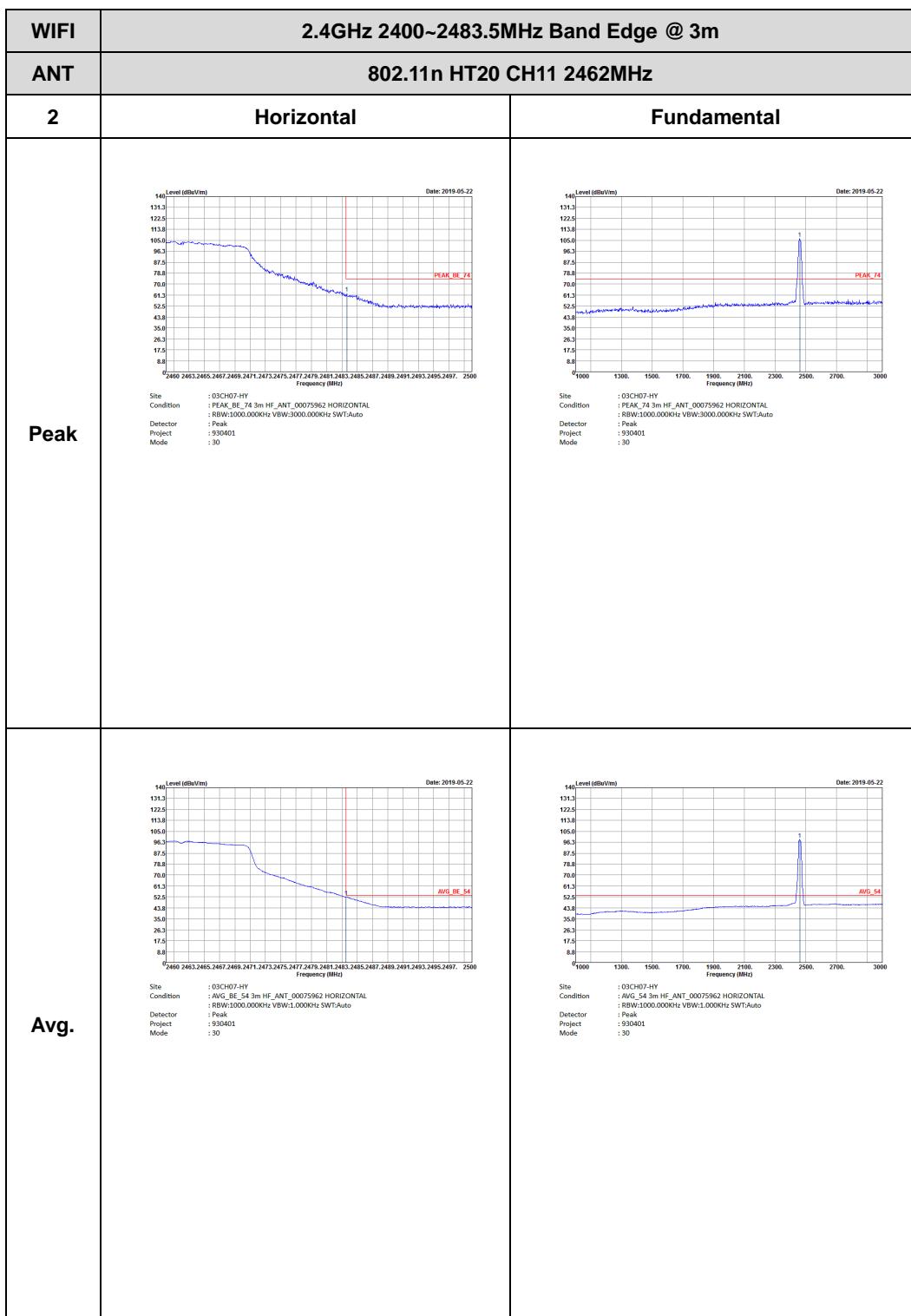


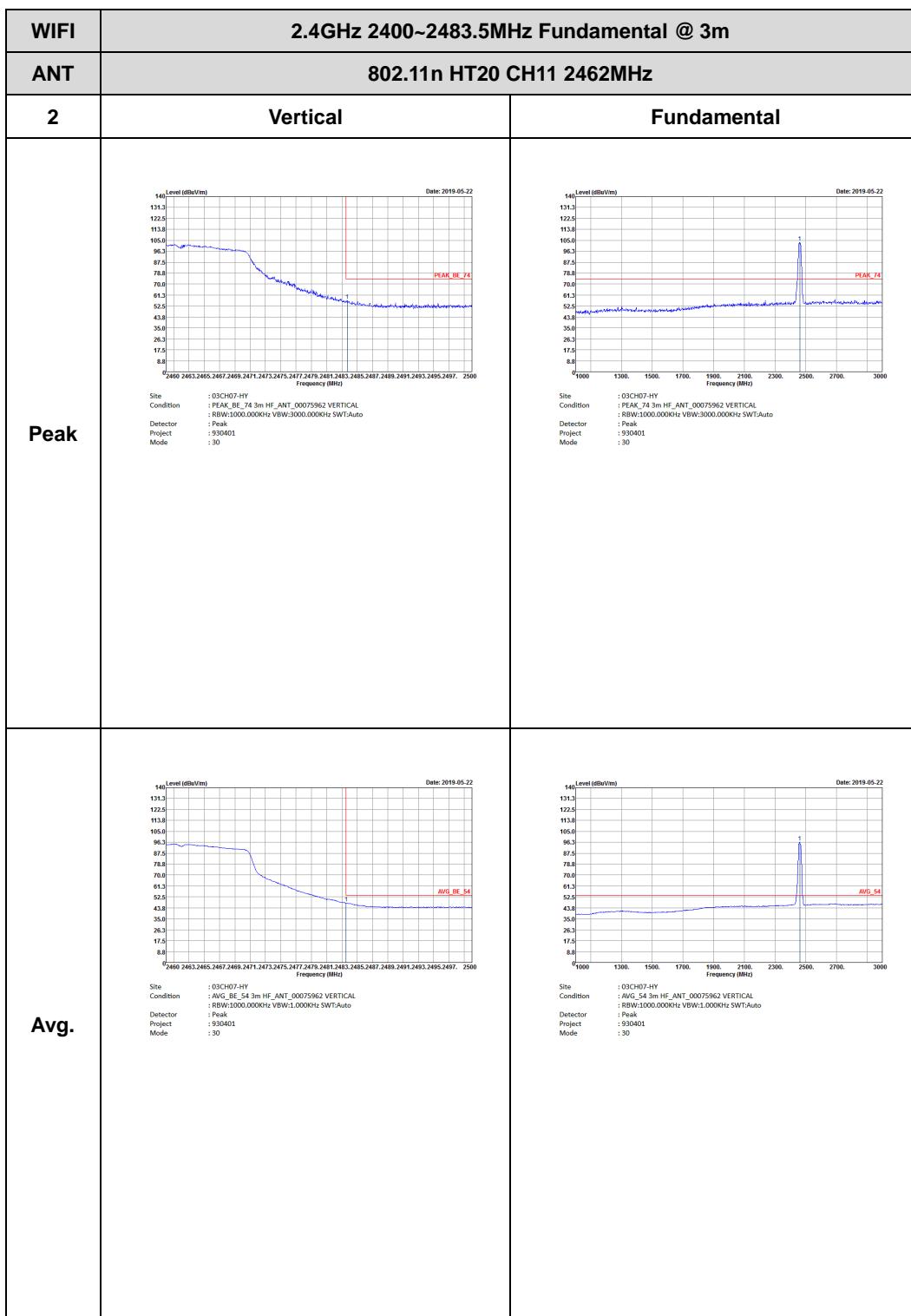
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-06-10</p> <p>PEAK_BE_74</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 930401 : 29</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-06-10</p> <p>Avg_BE_54</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 930401 : 29</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 930401 : 29	Left Blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 930401 : 29	Left Blank





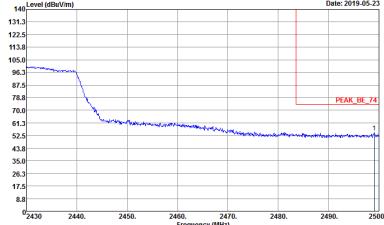


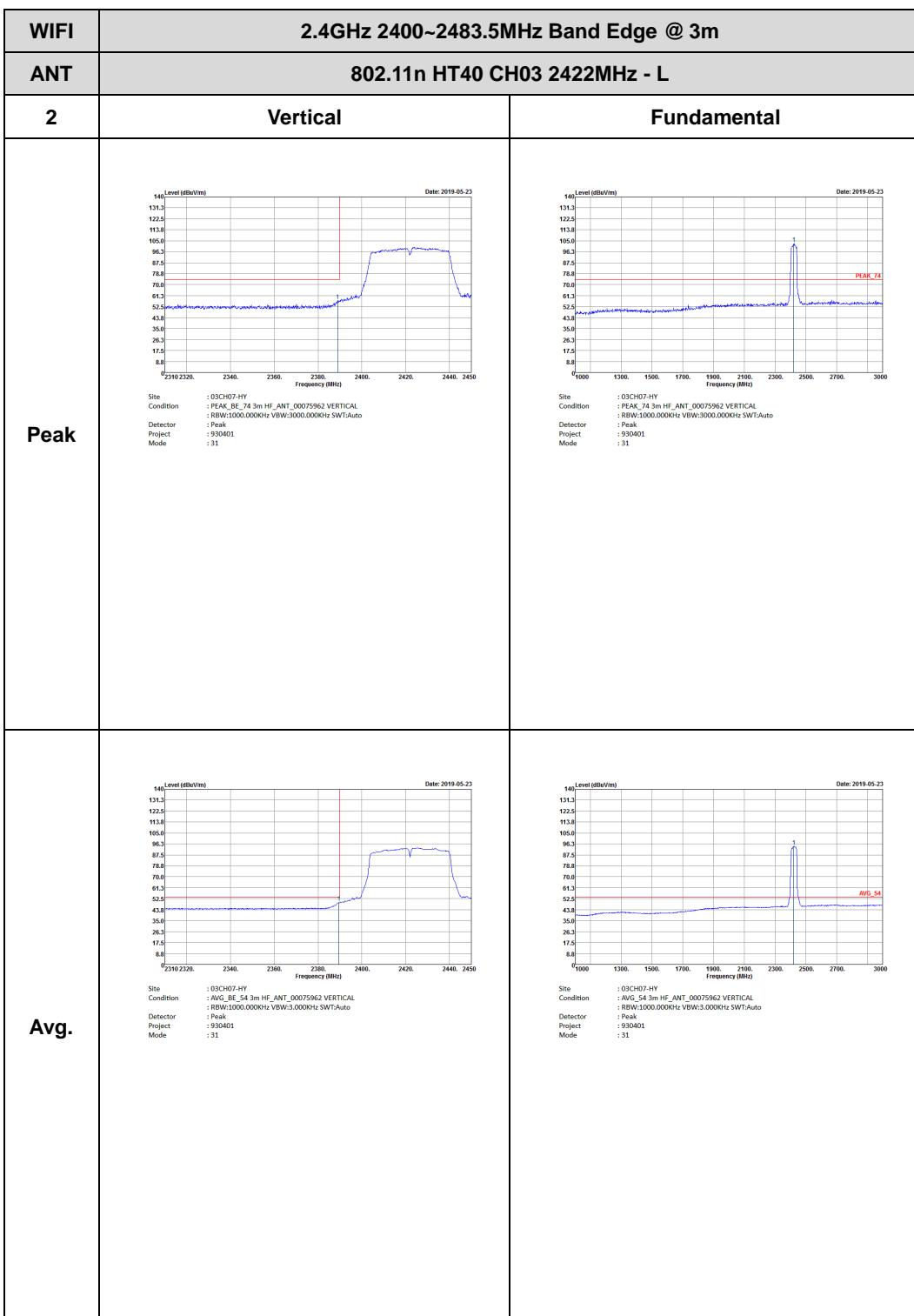
2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

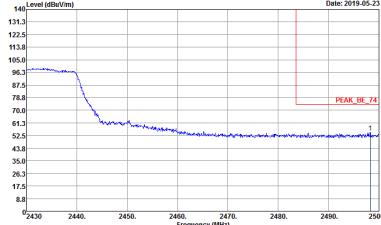
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
2	Horizontal	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 31	 Site: 03CH07-HY Condition: PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 31
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 31	 Site: 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 31

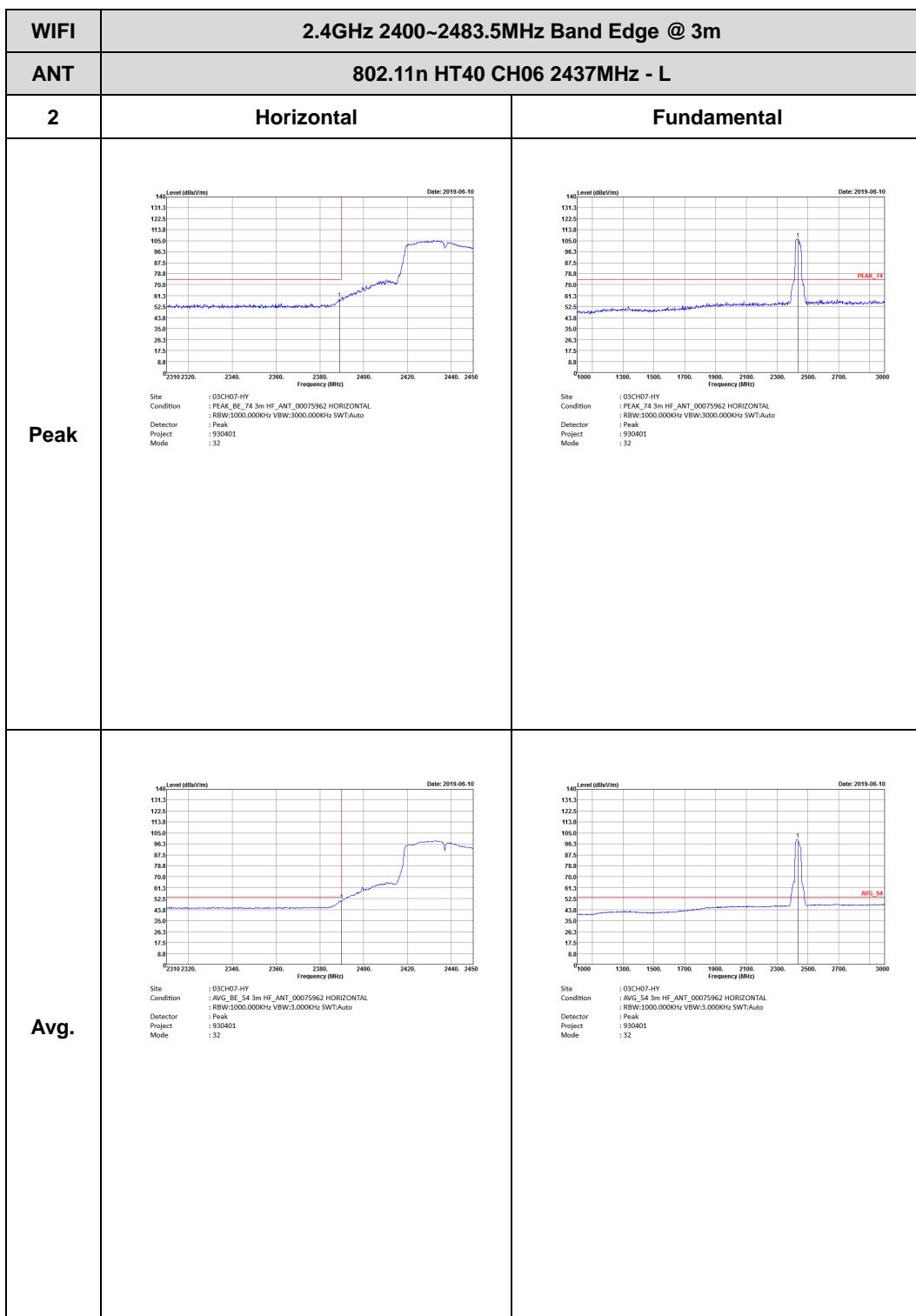


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 31</p>	Left Blank
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 31</p>	Left Blank



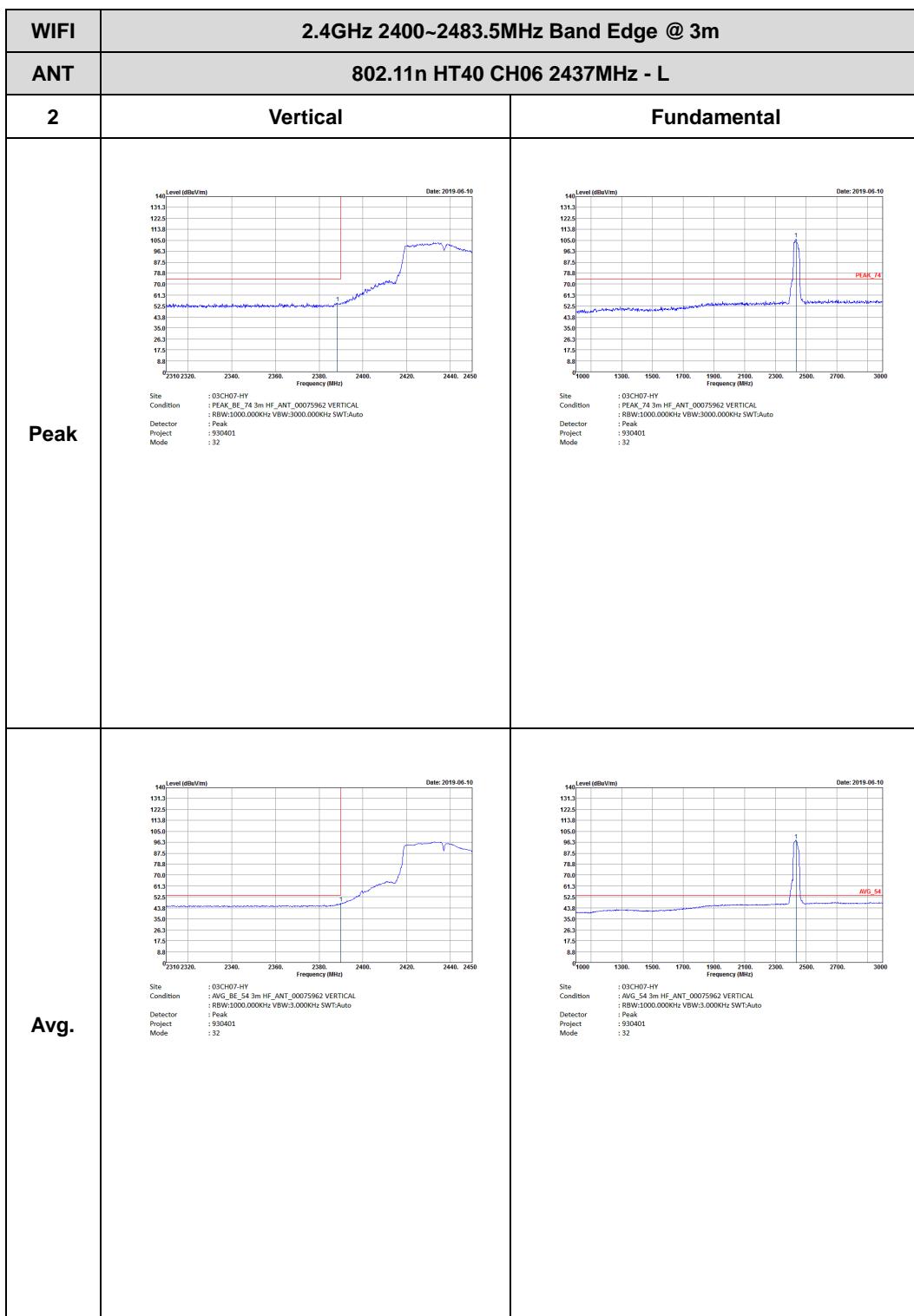


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-23</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 31</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-23</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 31</p>	Left blank

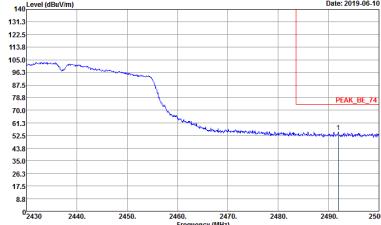


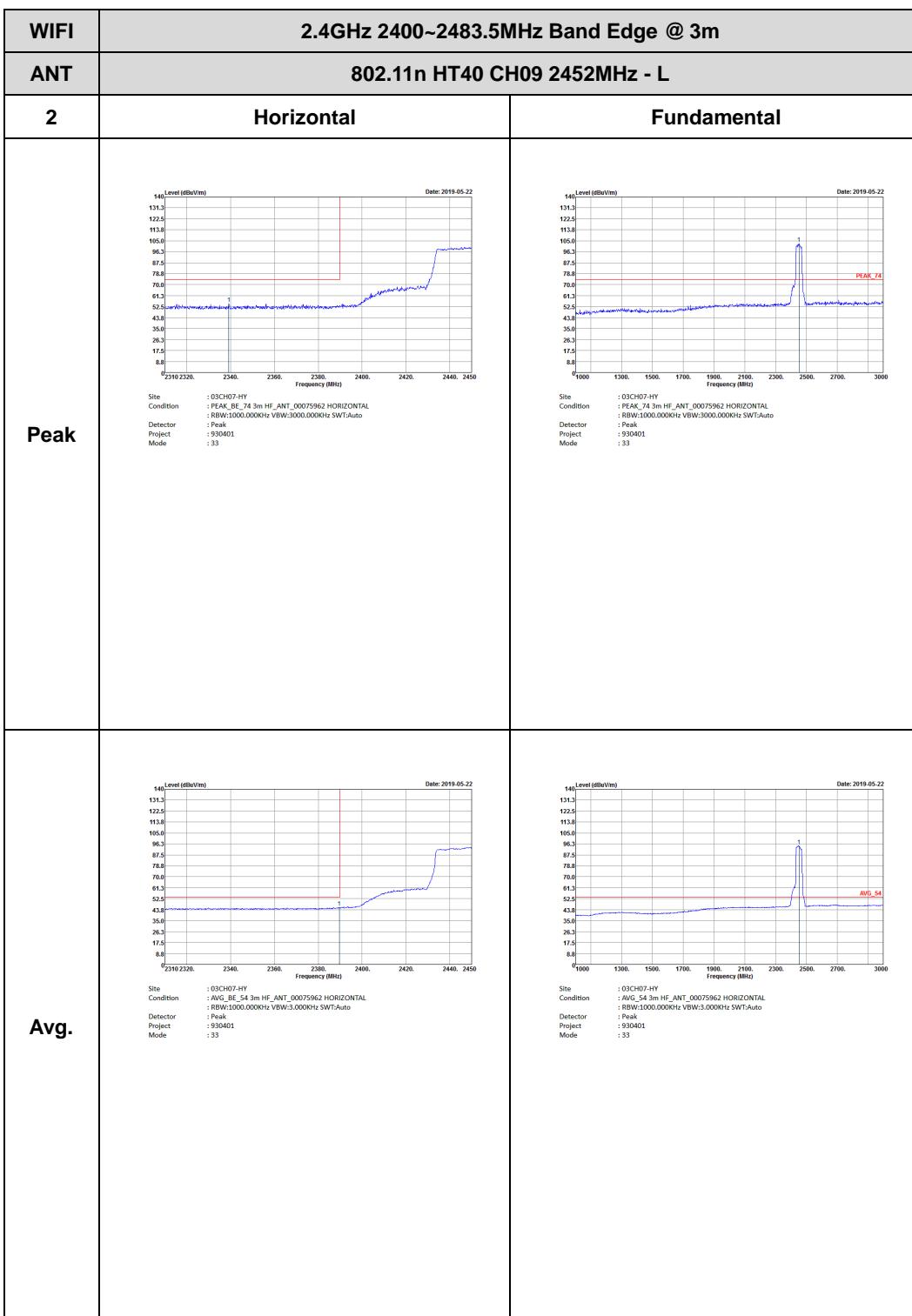


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 32	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 32	Left blank

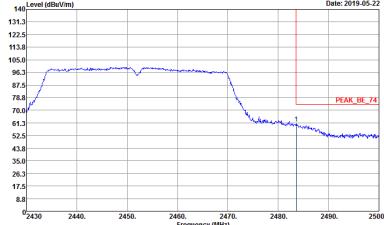


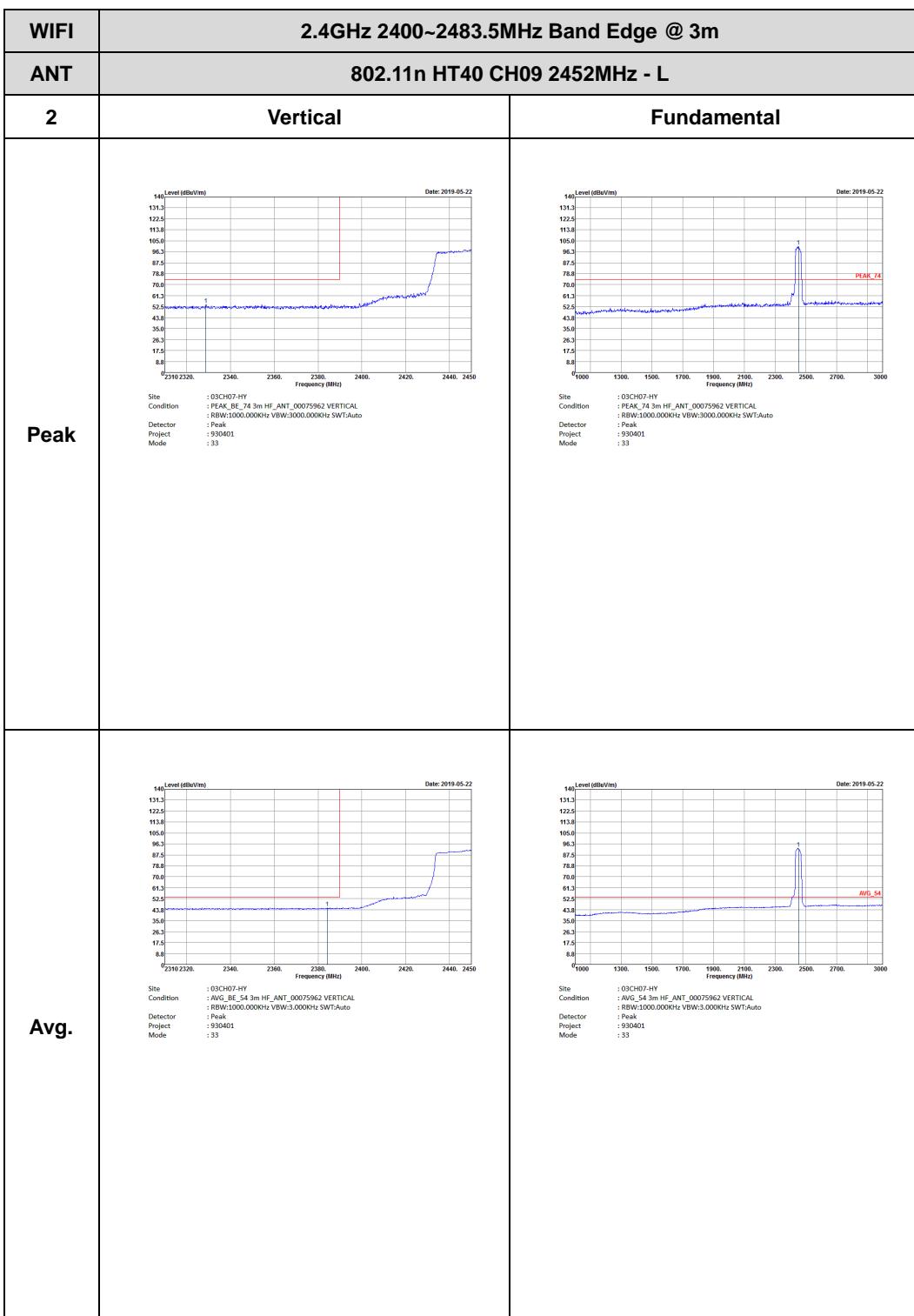


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-06-10</p> <p>PEAK_BE_74</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 930401 Mode : 32</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-06-10</p> <p>AVG_BE_54</p> <p>Site : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Condition : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 930401 Mode : 32</p>	Left blank

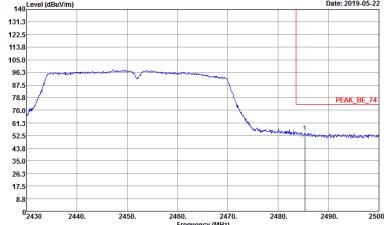




WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-22</p> <p>PEAK_BE_74</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 33</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-22</p> <p>Avg_BE_54</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 33</p>	Left blank



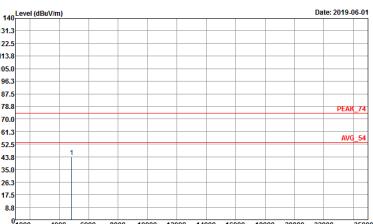
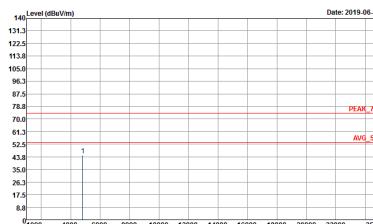


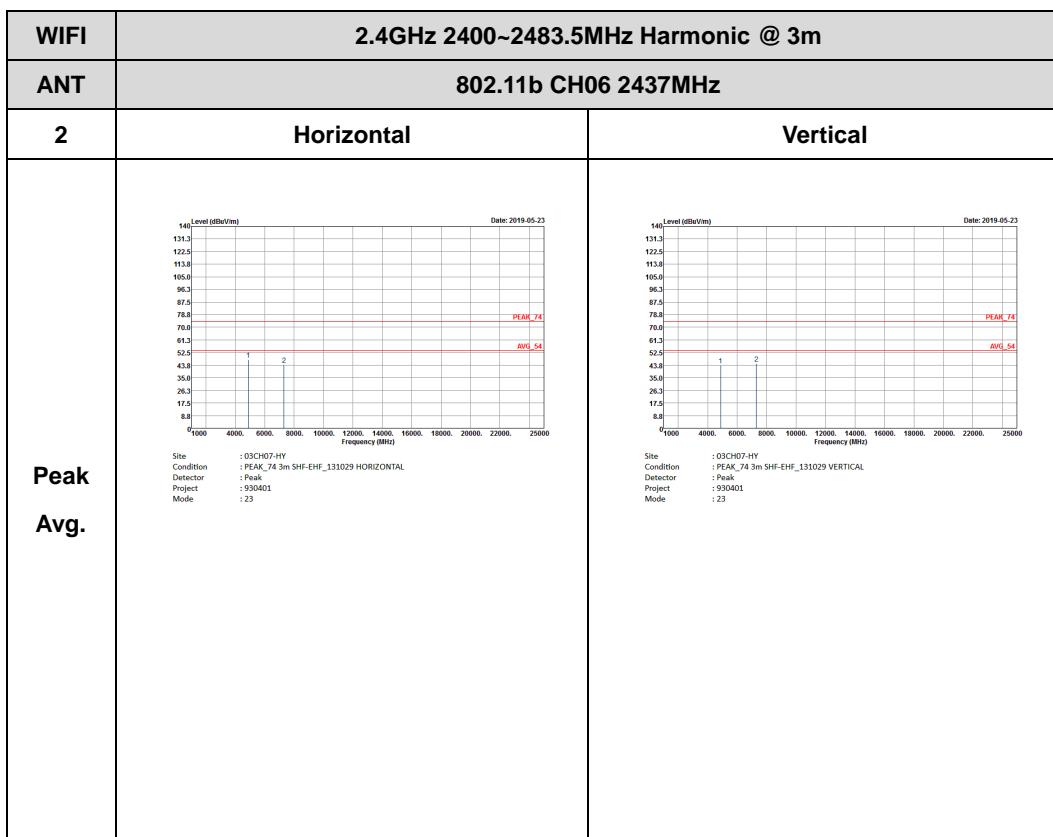
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-22</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 930401 Mode : 33</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-22</p> <p>Site : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 930401 Mode : 33</p>	Left blank

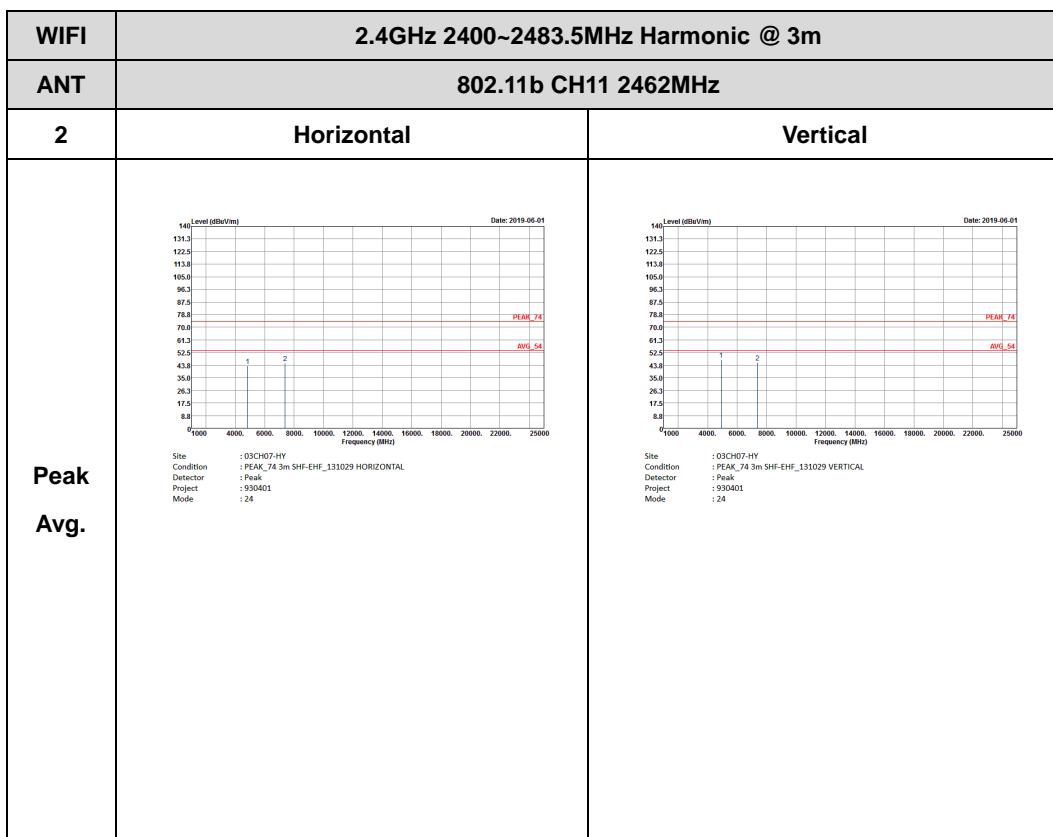


2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
2	Horizontal	Vertical
Peak	 <p>Date: 2019-06-01</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_74</p> <p>Avg_54</p> <p>1</p> <p>Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector : Peak Project : 930401 Mode : 22</p>	 <p>Date: 2019-06-01</p> <p>Level (dBuV/m)</p> <p>Frequency (MHz)</p> <p>PEAK_74</p> <p>Avg_54</p> <p>1</p> <p>Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector : Peak Project : 930401 Mode : 22</p>
Avg.		

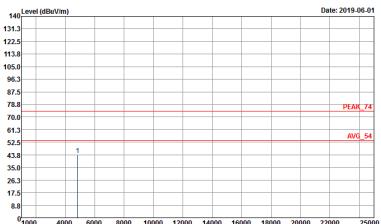
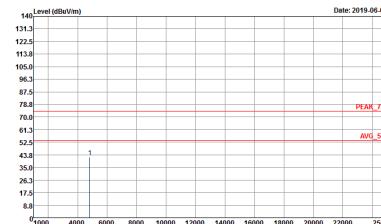


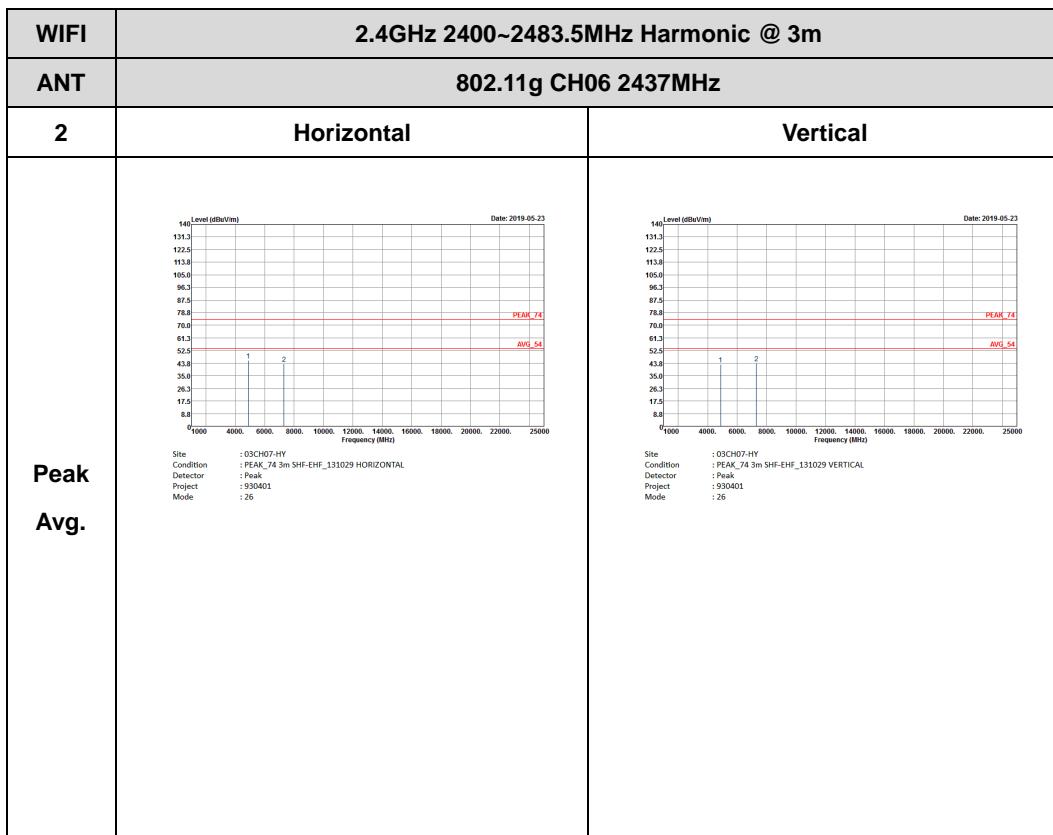


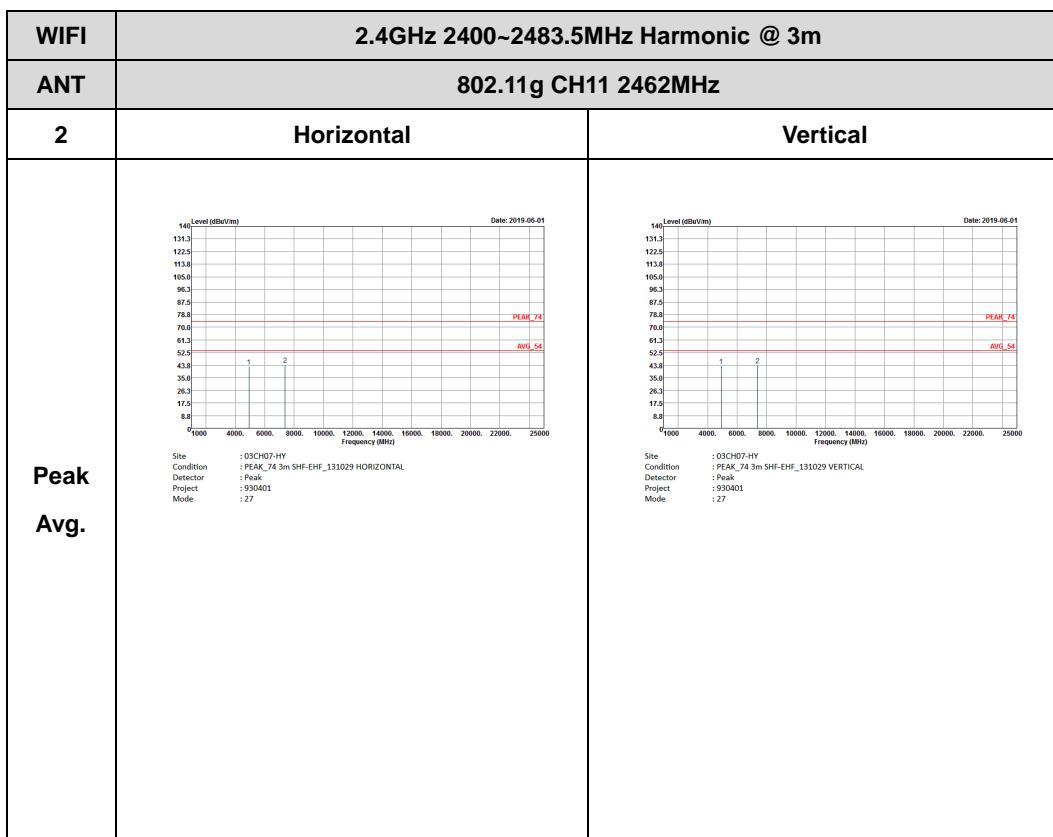


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
2	Horizontal	Vertical
Peak	 <p>Date: 2019-06-01 Site: 03CH07-HY Condition: PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector: Peak Project: 930401 Mode: 25</p>	 <p>Date: 2019-06-01 Site: 03CH07-HY Condition: PEAK_74 3m SHF-EHF_131029 VERTICAL Detector: Peak Project: 930401 Mode: 25</p>
Avg.		

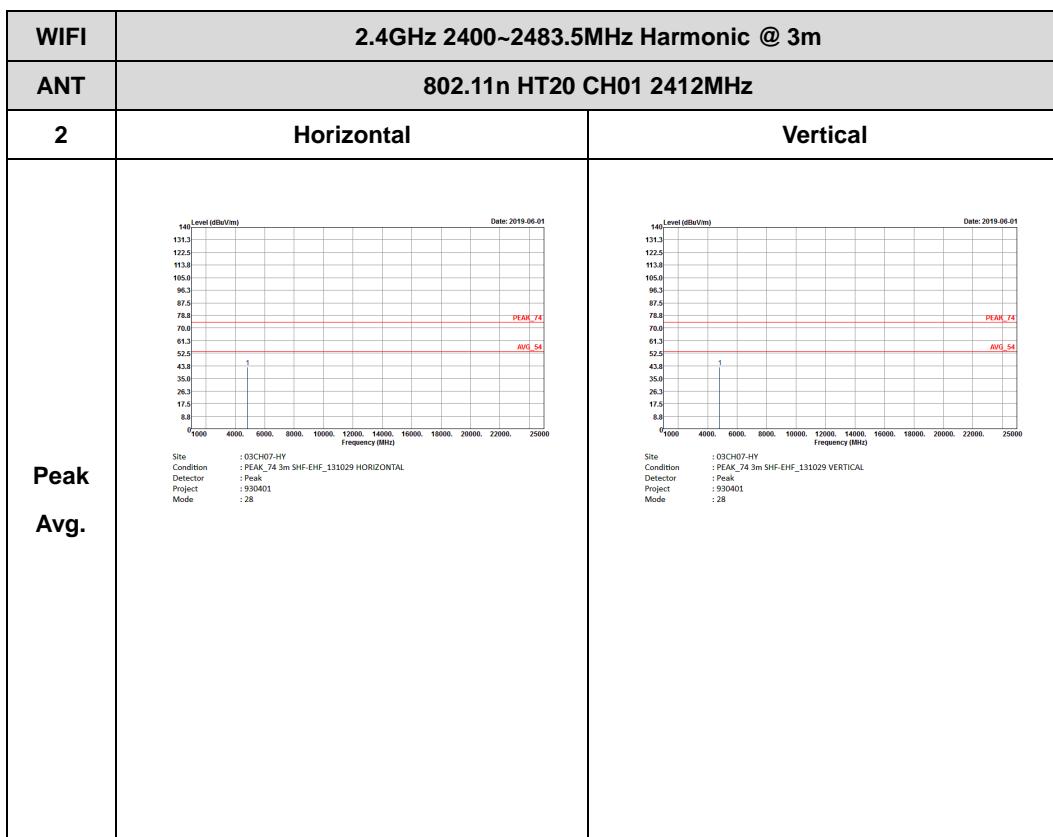


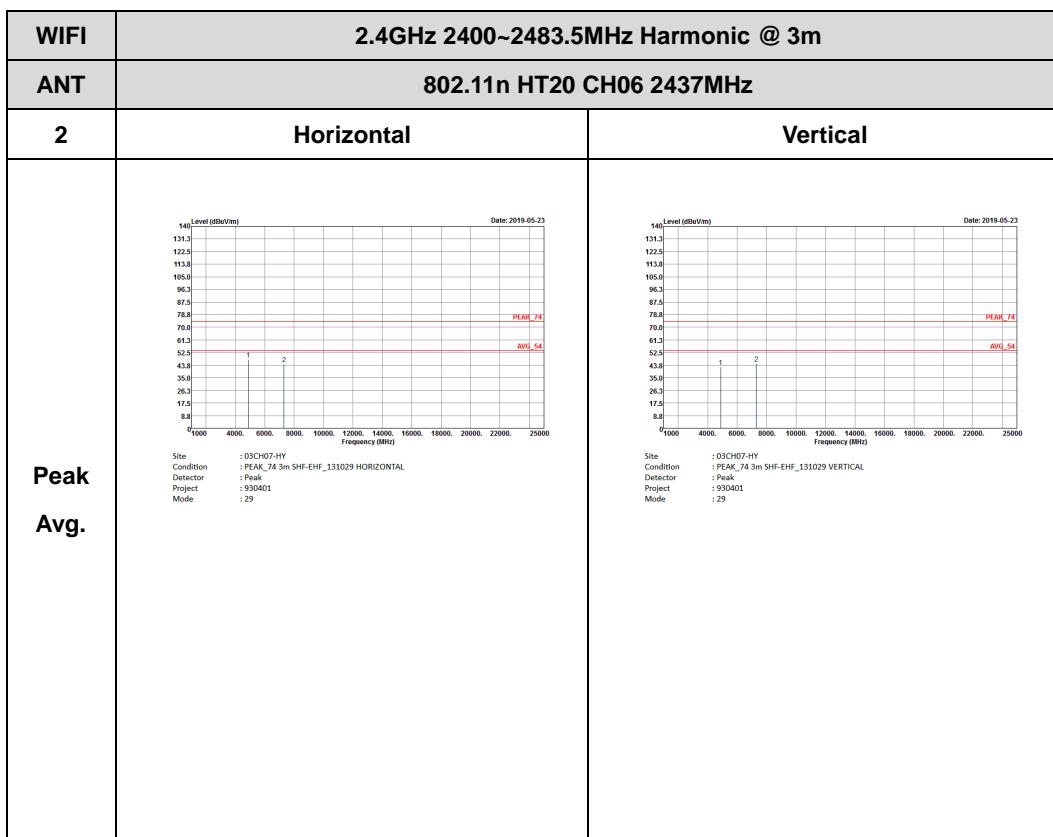


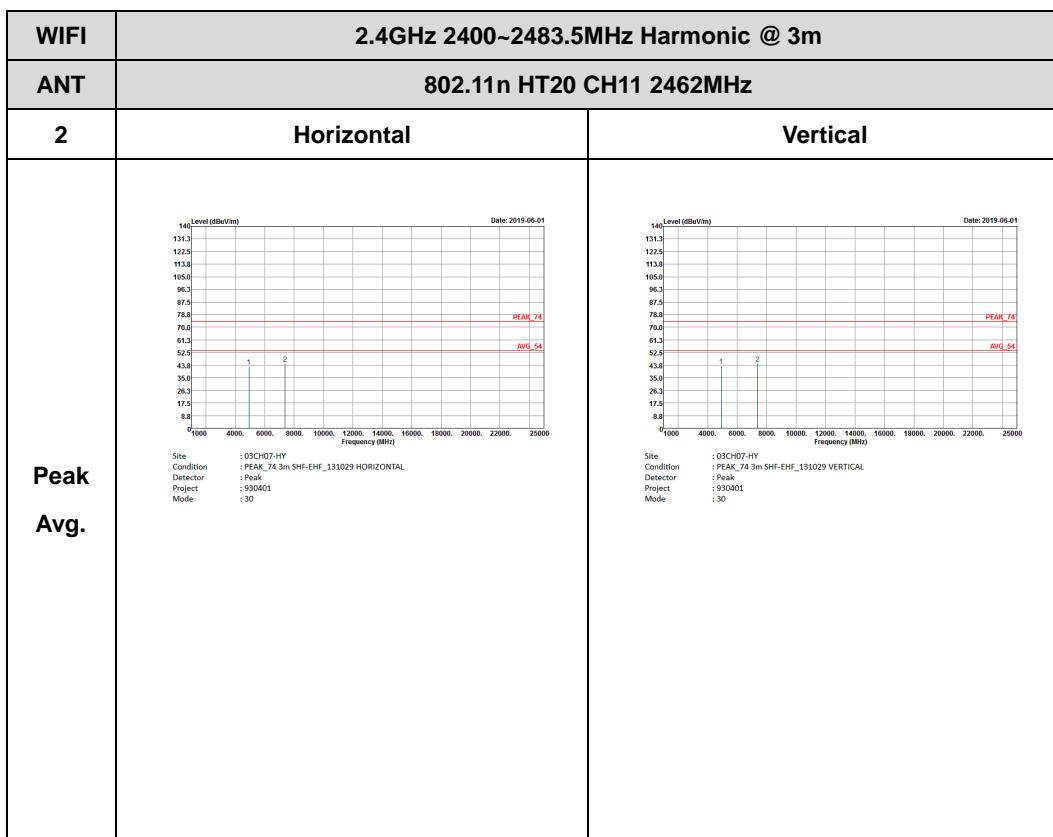


2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 3m)



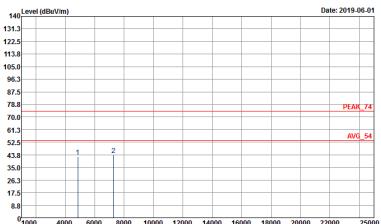
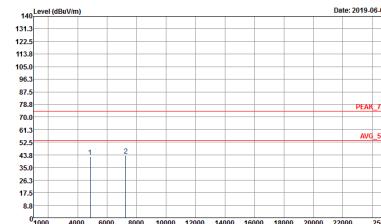


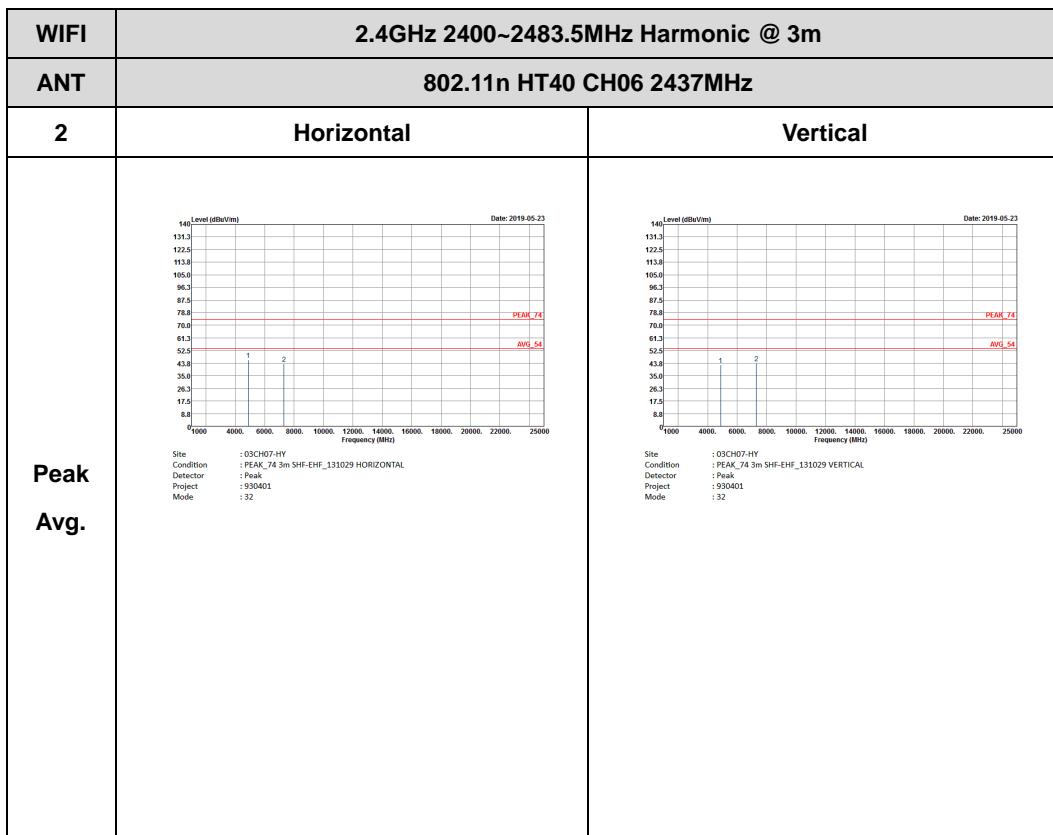


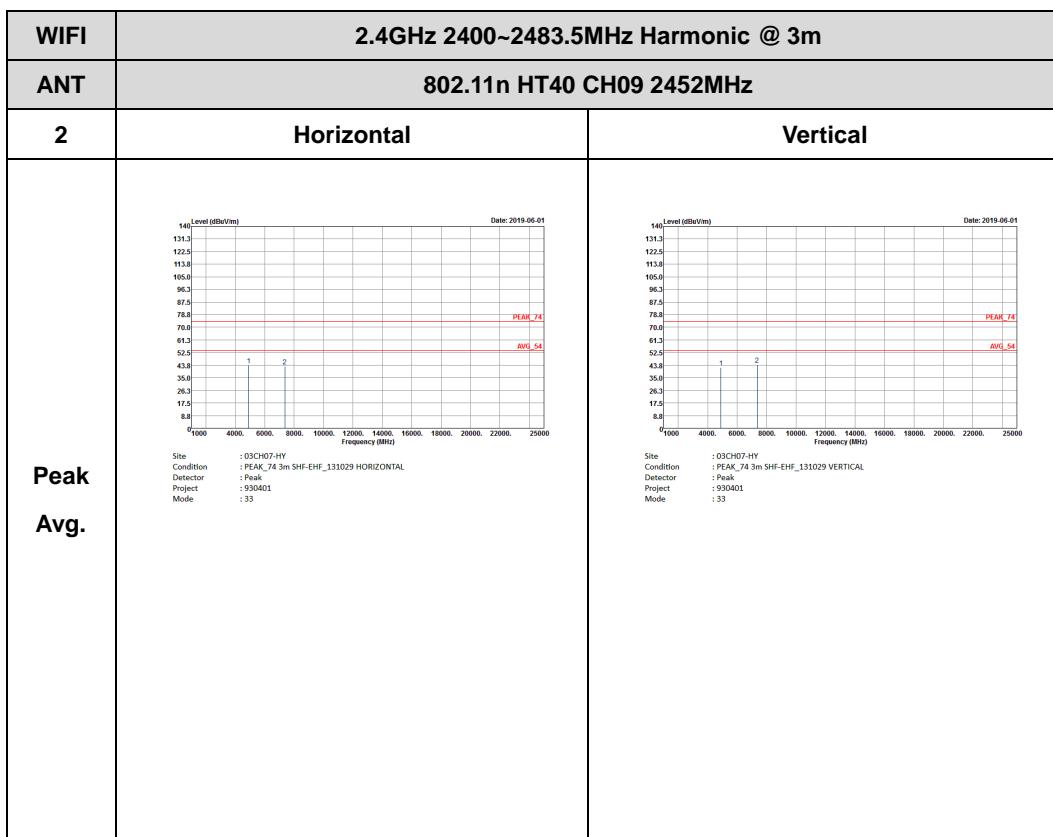


2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH03 2422MHz	
2	Horizontal	Vertical
Peak	 <p>Date: 2019-06-01 Site: : 03CH07-HY Condition: : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector: : Peak Project: : 930401 Mode: : 31</p>	 <p>Date: 2019-06-01 Site: : 03CH07-HY Condition: : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector: : Peak Project: : 930401 Mode: : 31</p>
Avg.		

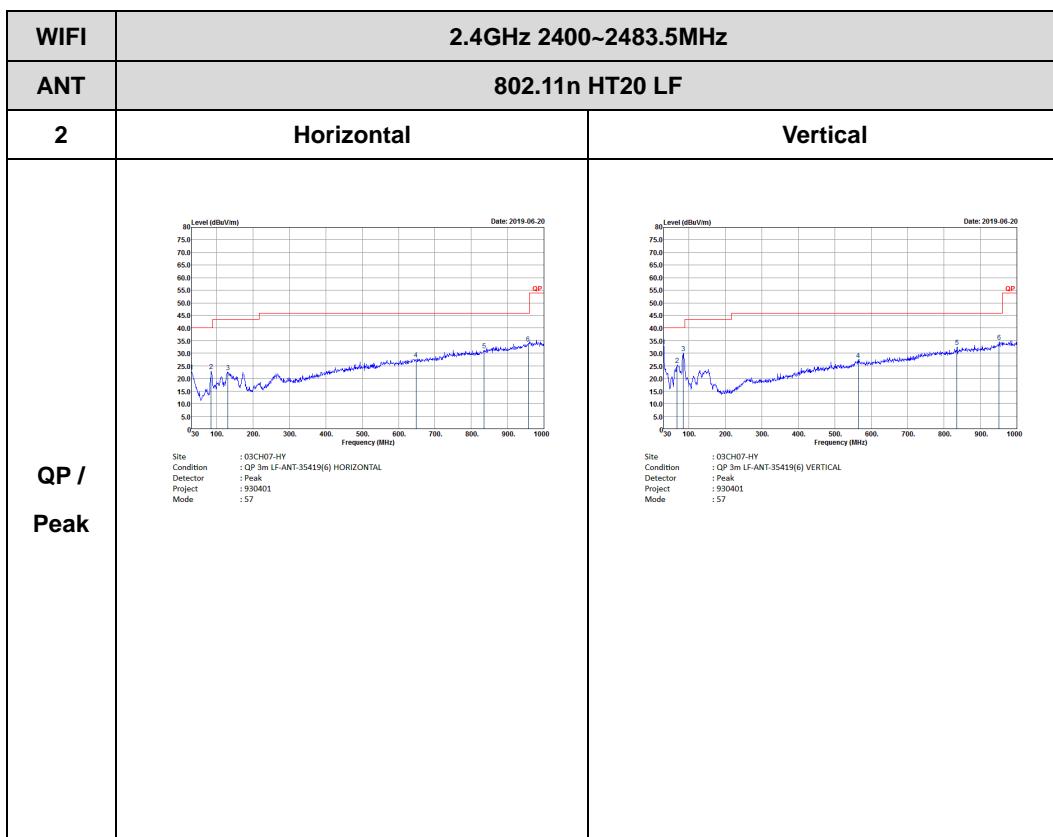






Emission below 1GHz

2.4GHz WIFI 802.11n HT20 (LF)

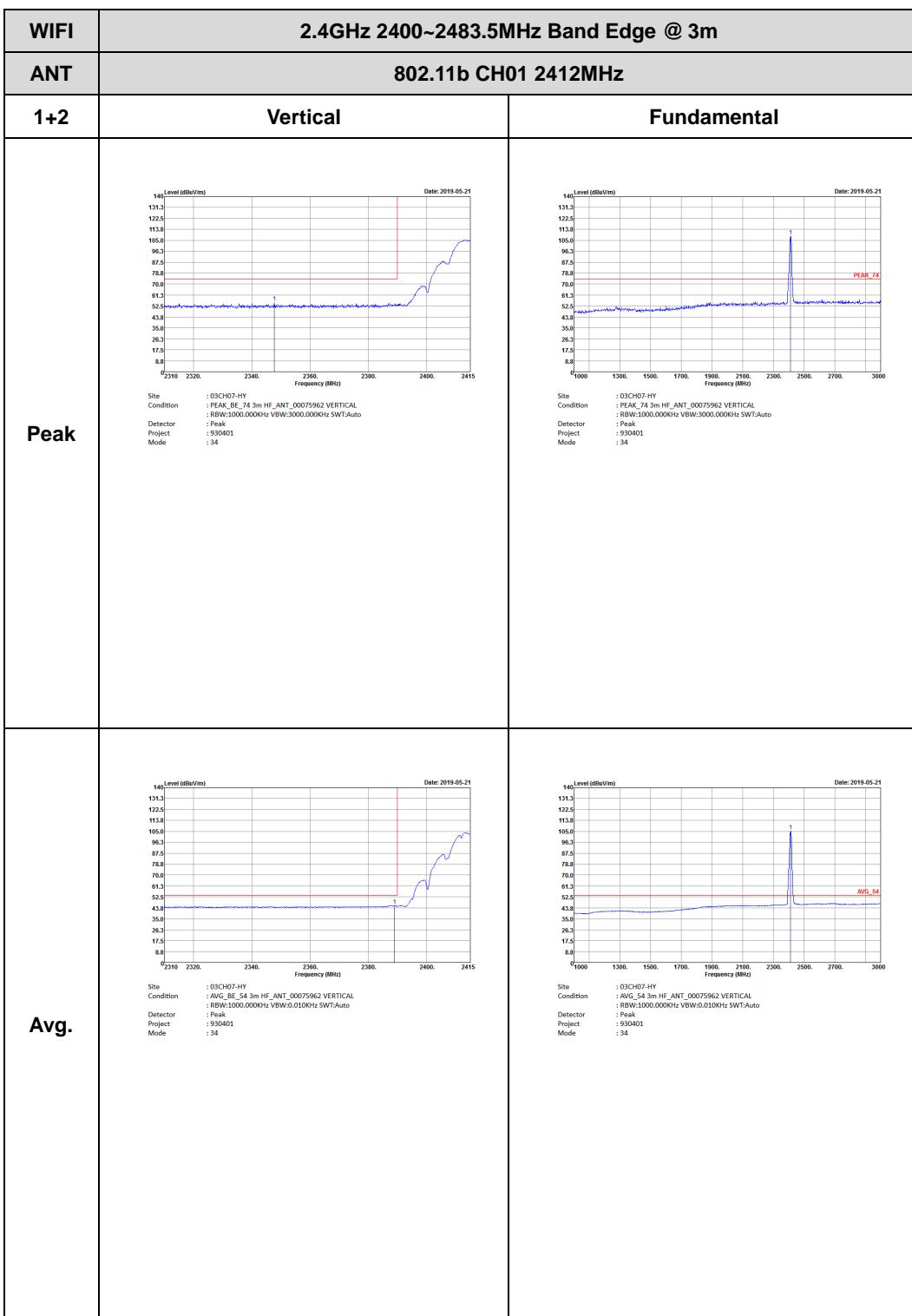


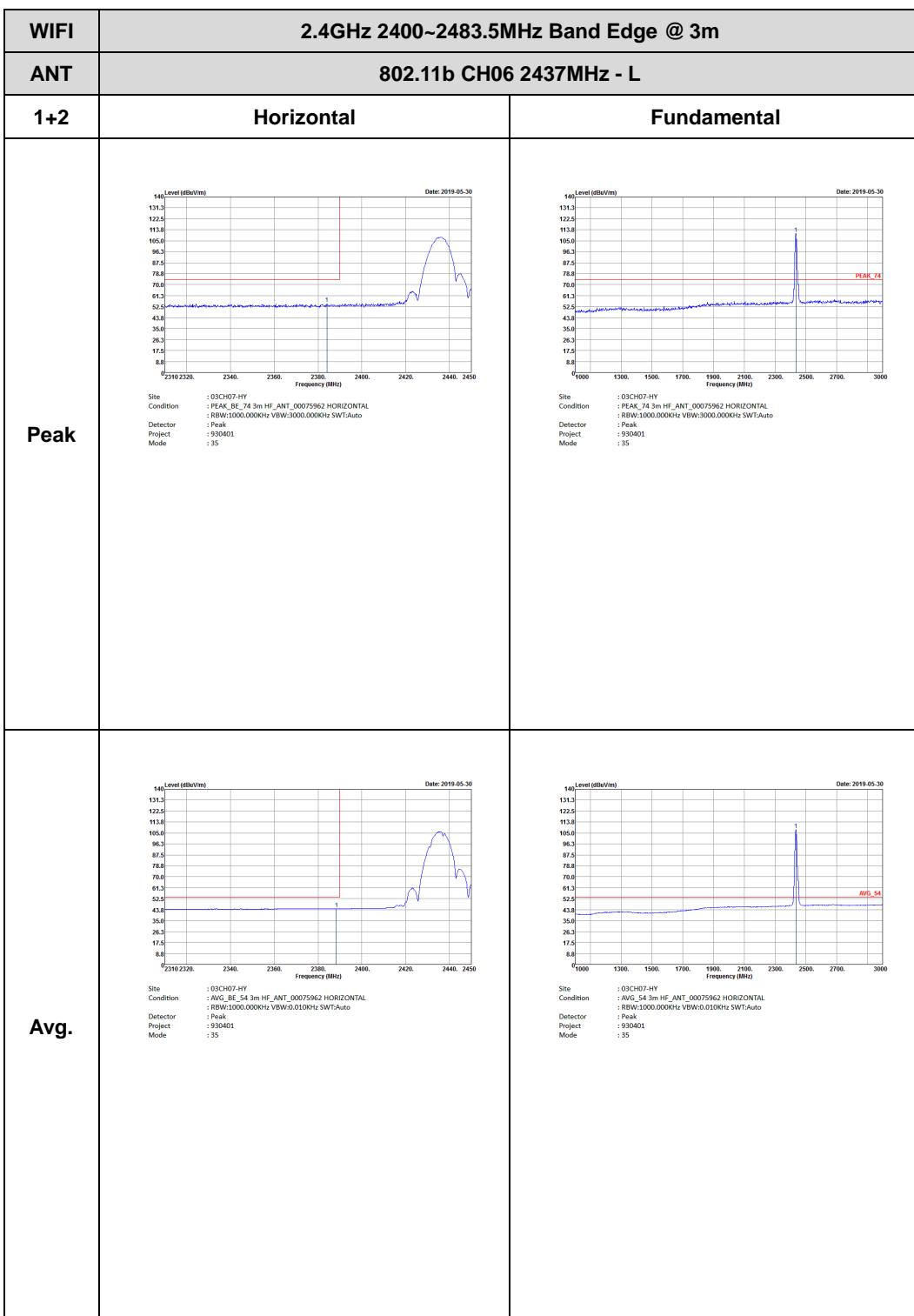


2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

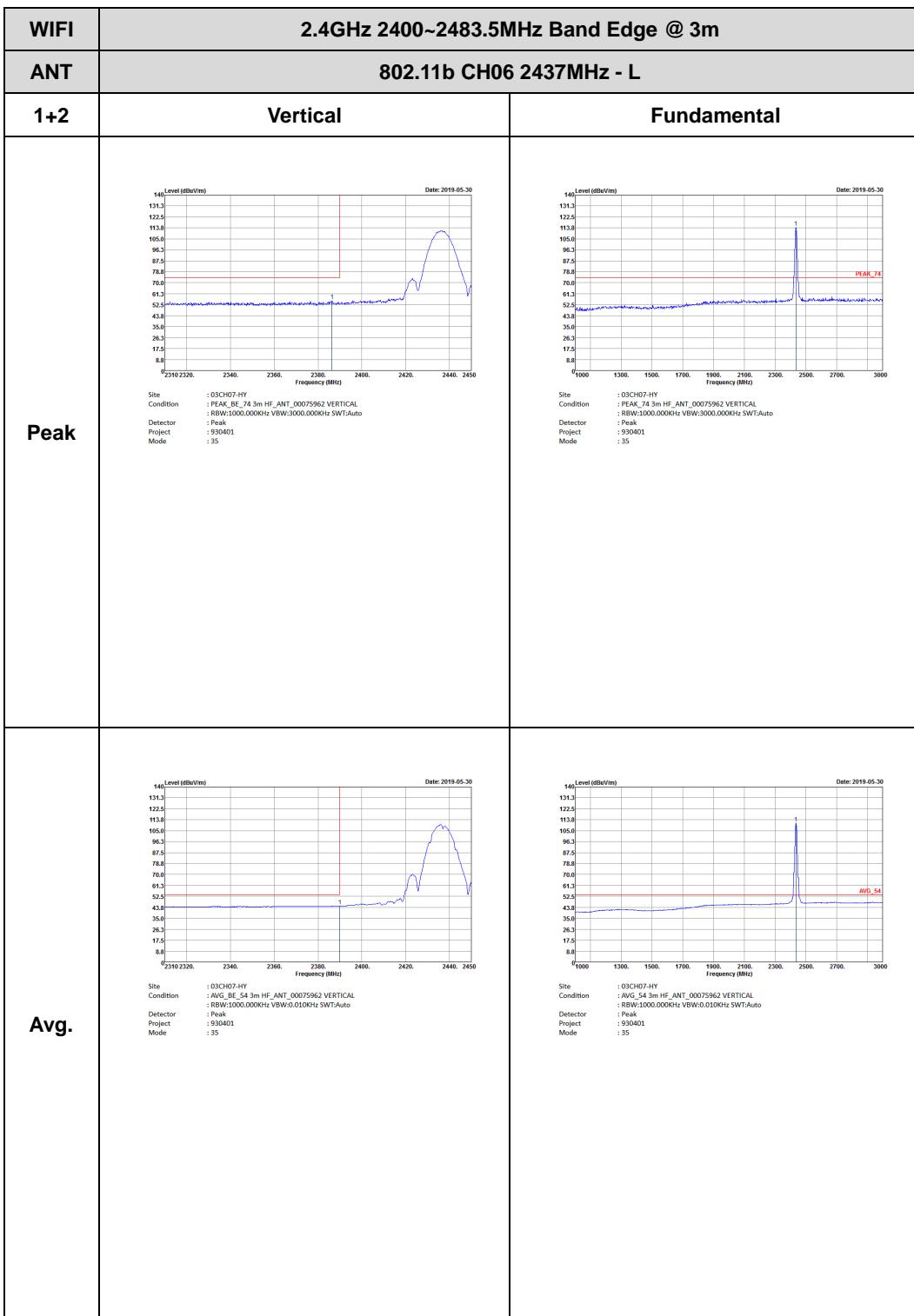
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 34	 Site: 03CH07-HY Condition: PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 34
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 34	 Site: 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 34



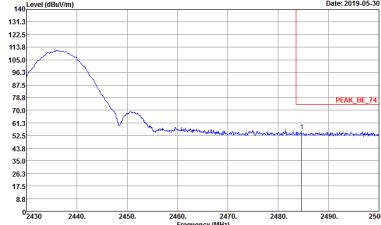


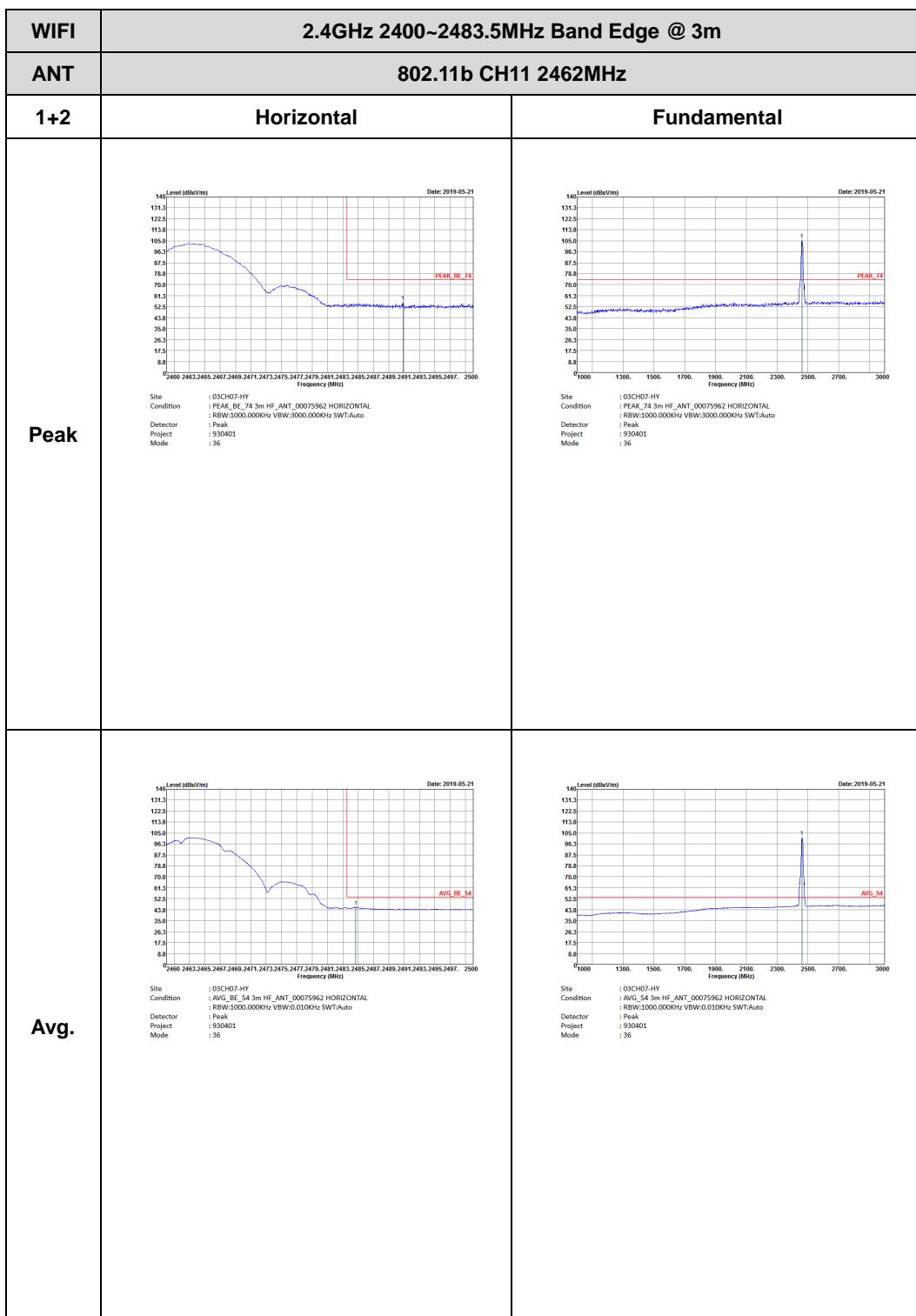


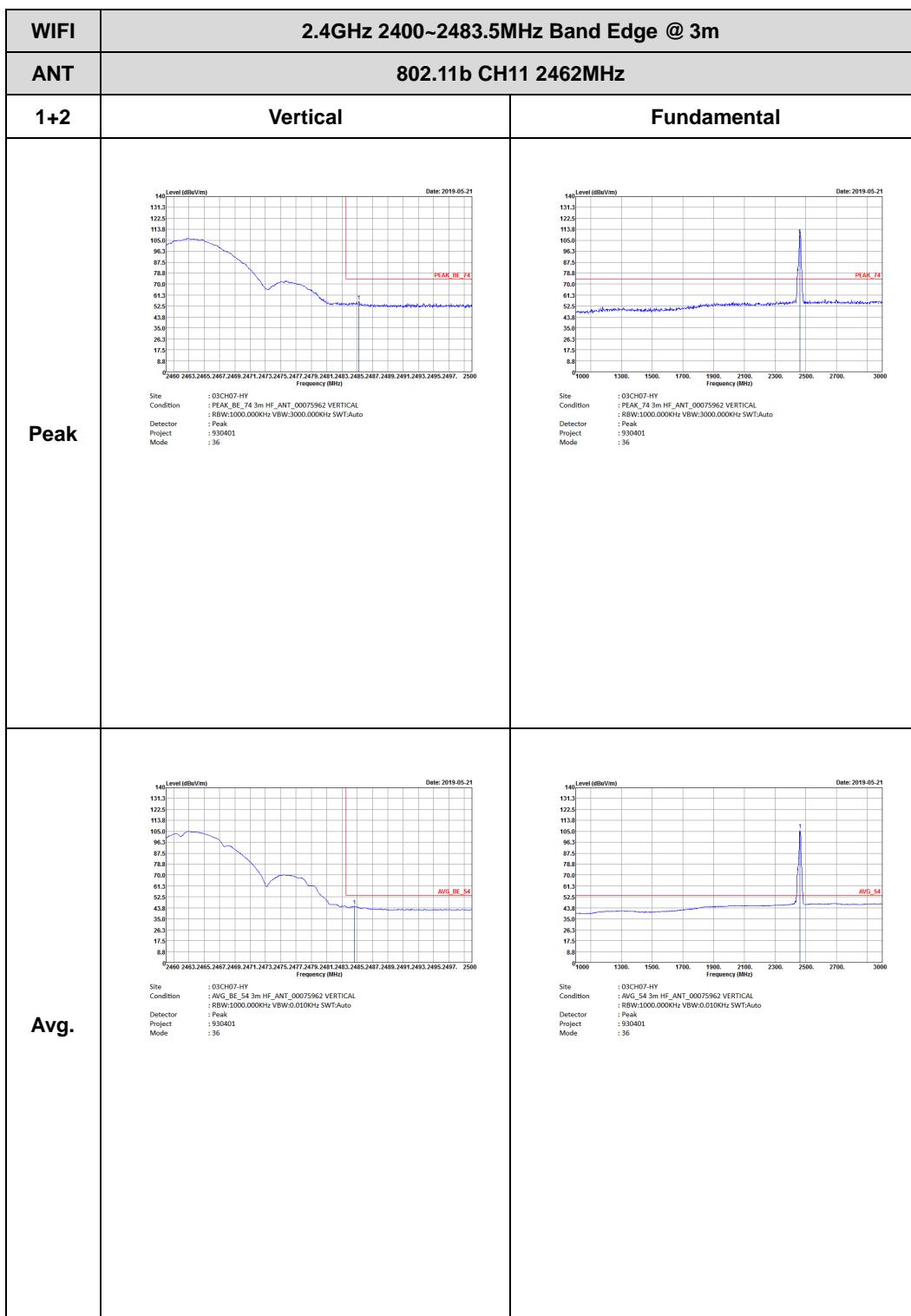
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 930401 Mode : 35</p>	Left blank
Avg.	<p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : 930401 Mode : 35</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBm/V/m)</p> <p>Date: 2019-05-30</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 35</p> <p>Frequency (MHz)</p>	Left blank
Avg.	 <p>Level (dBm/V/m)</p> <p>Date: 2019-05-30</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Mode : 35</p> <p>Frequency (MHz)</p>	Left blank



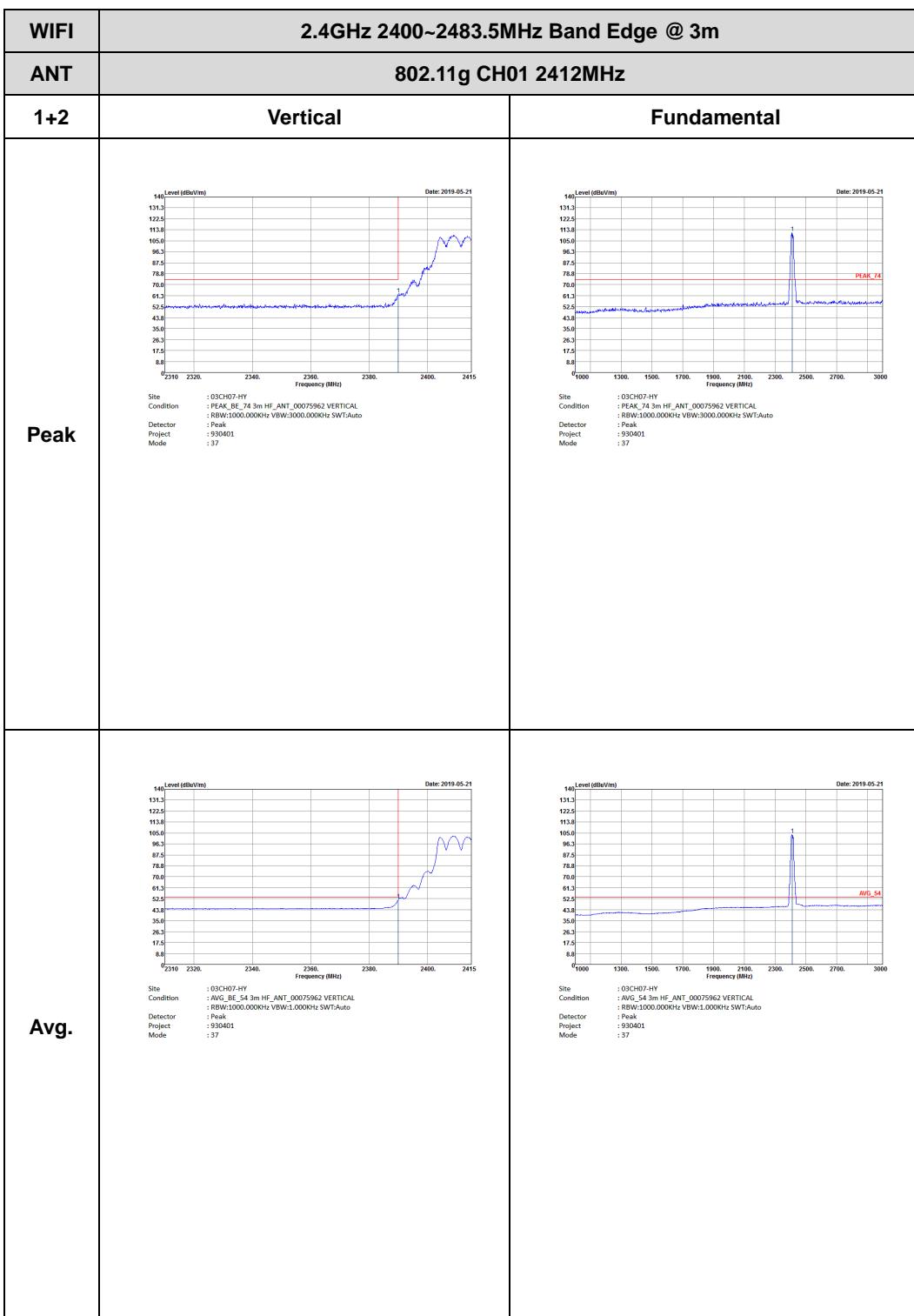


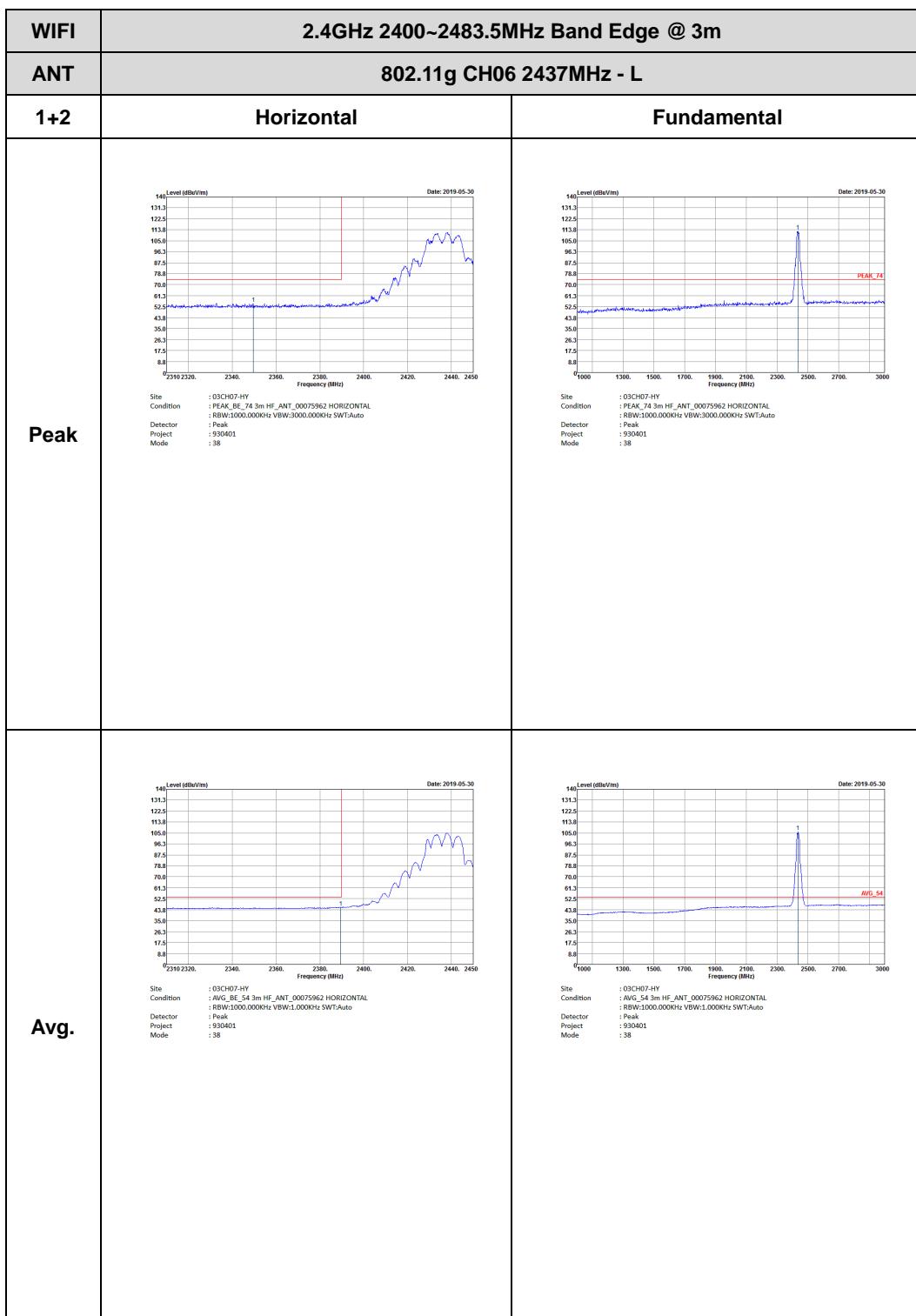


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

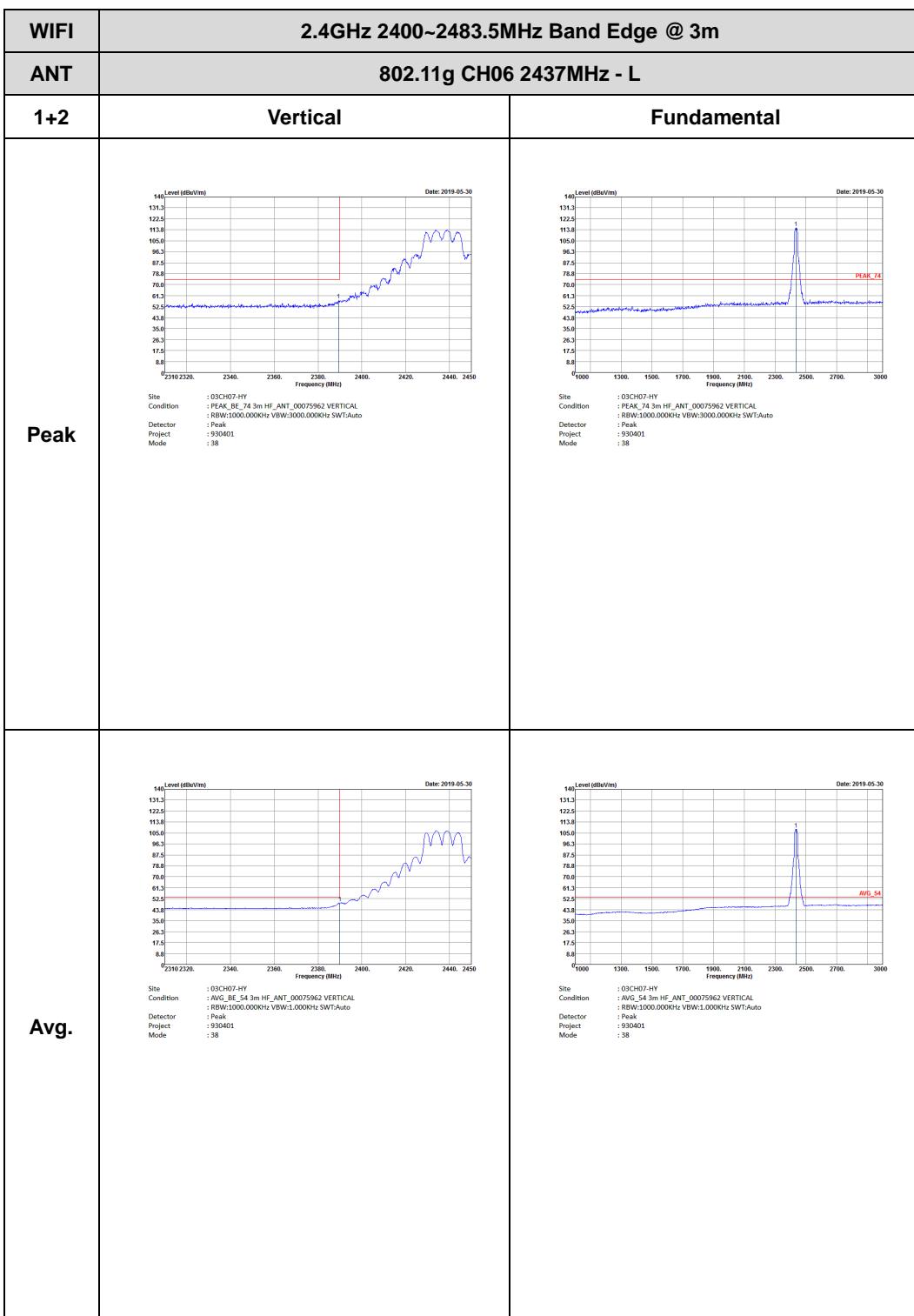
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 37	 Site: 03CH07-HY Condition: PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 37
Avg.	 Site: 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 37	 Site: 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 37





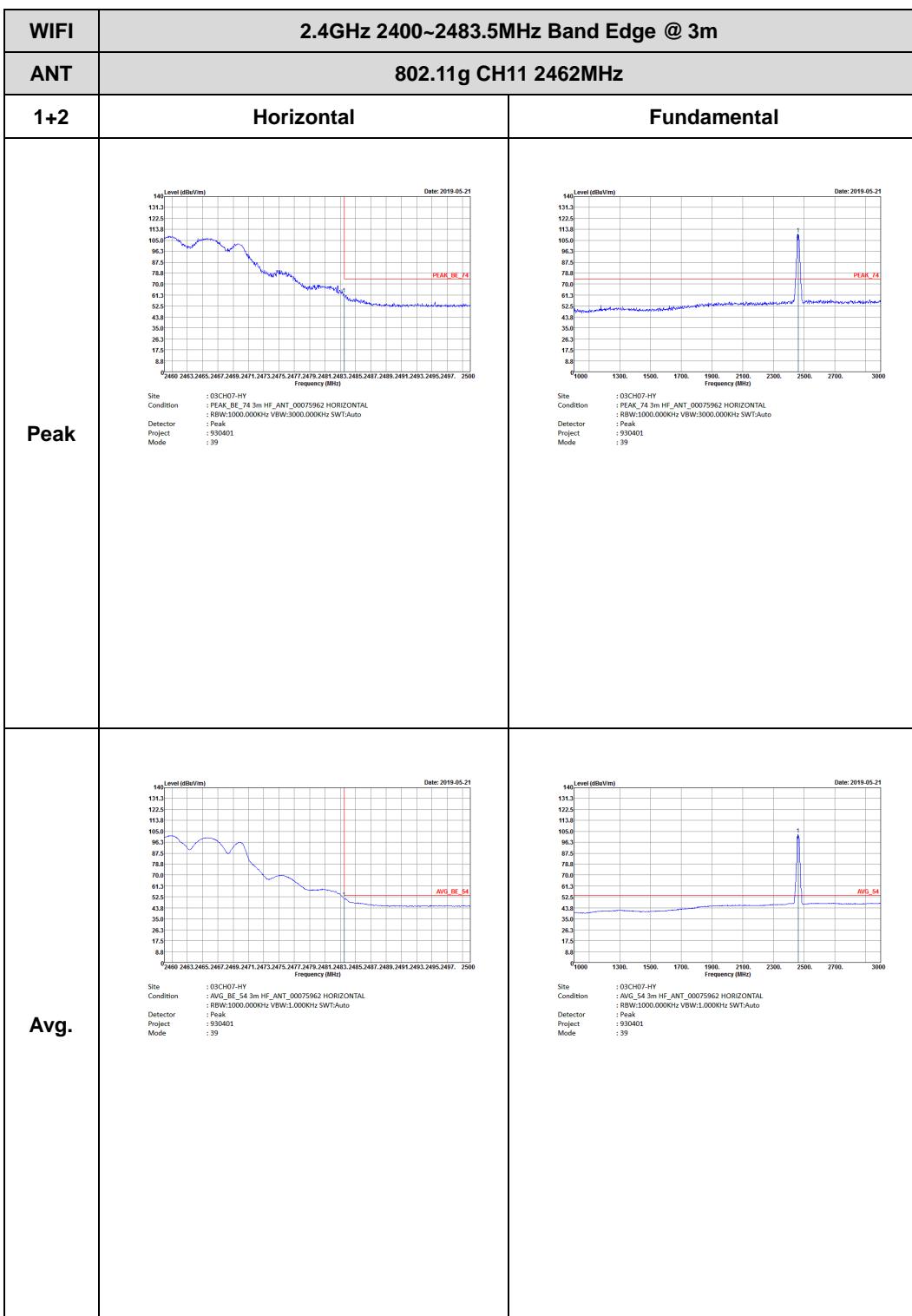


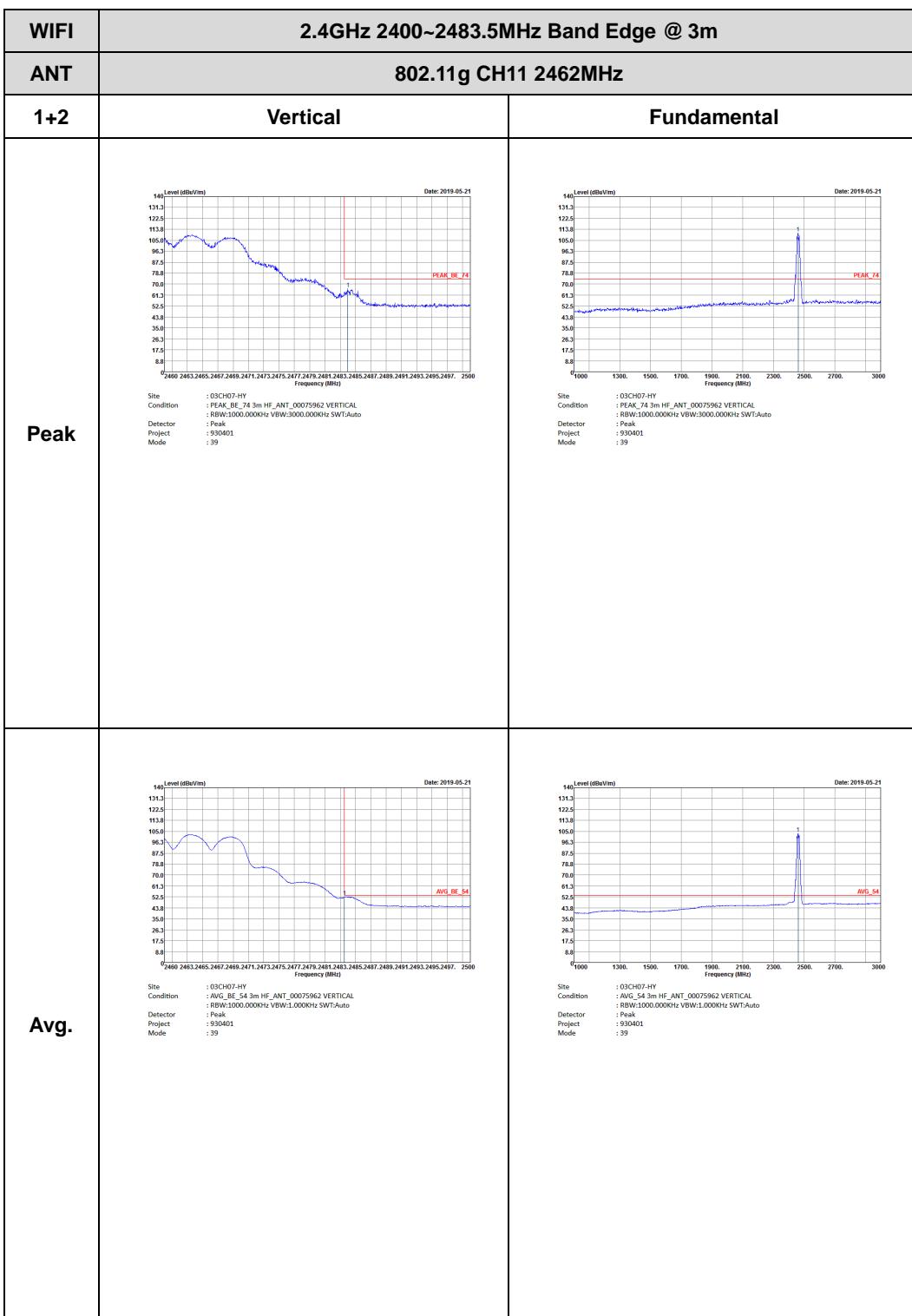
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 930401 : 38	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 930401 : 38	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Level (dBm/V/m)</p> <p>Date: 2019-05-30</p> <p>Frequency (MHz)</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 930401 : 38</p>	Left Blank
Avg.	<p>Level (dBm/V/m)</p> <p>Date: 2019-05-30</p> <p>Frequency (MHz)</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 930401 : 38</p>	Left Blank

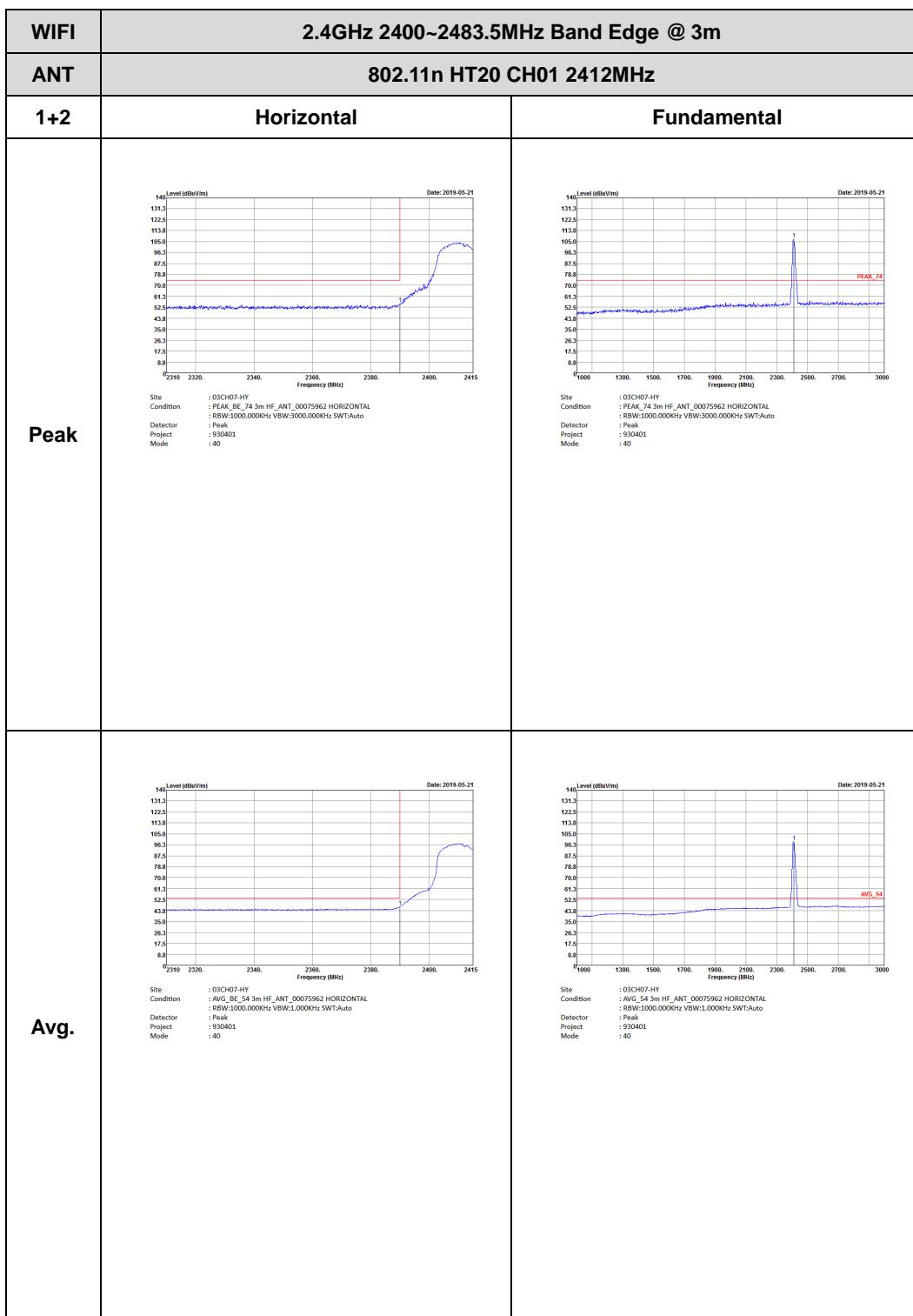


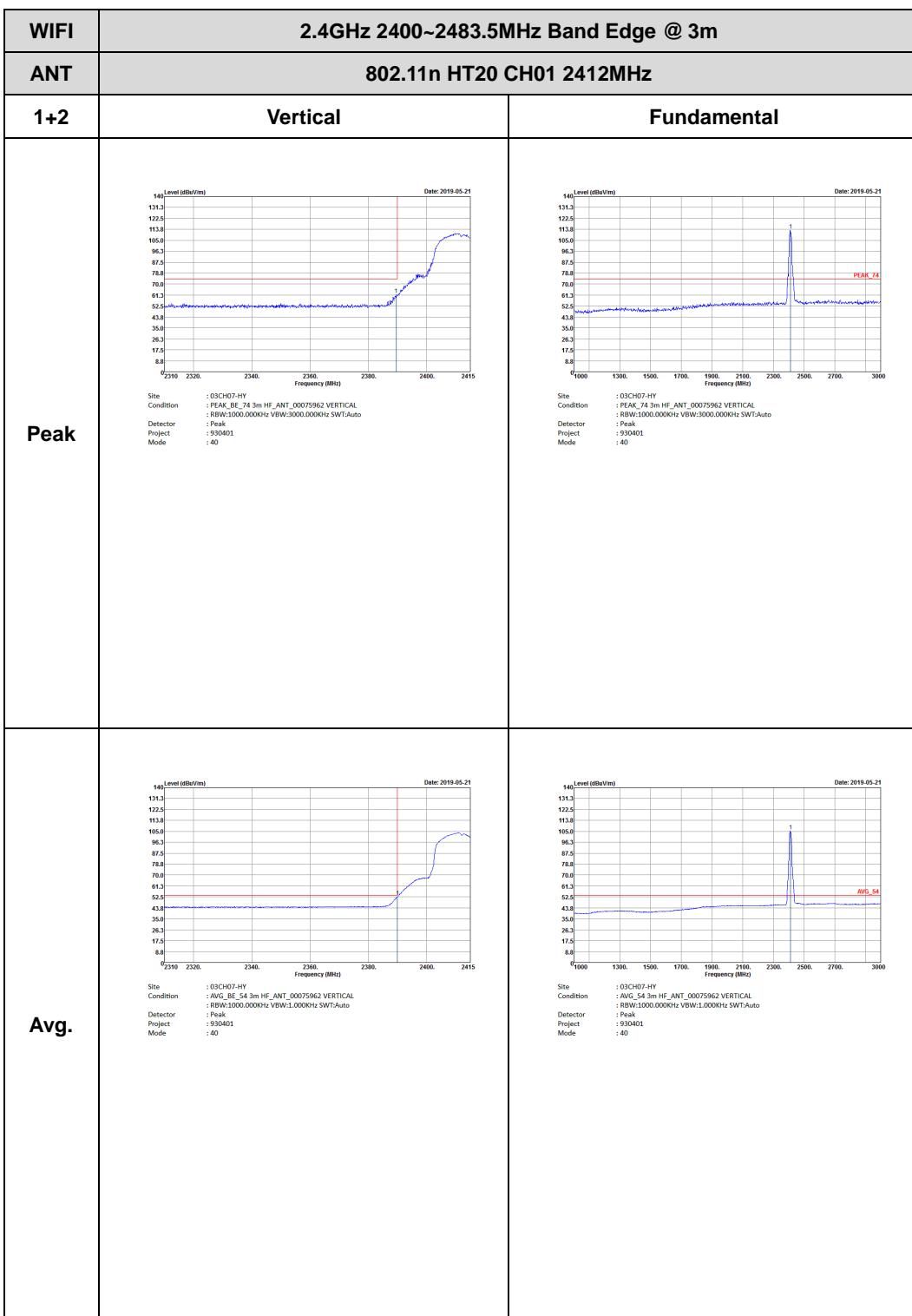


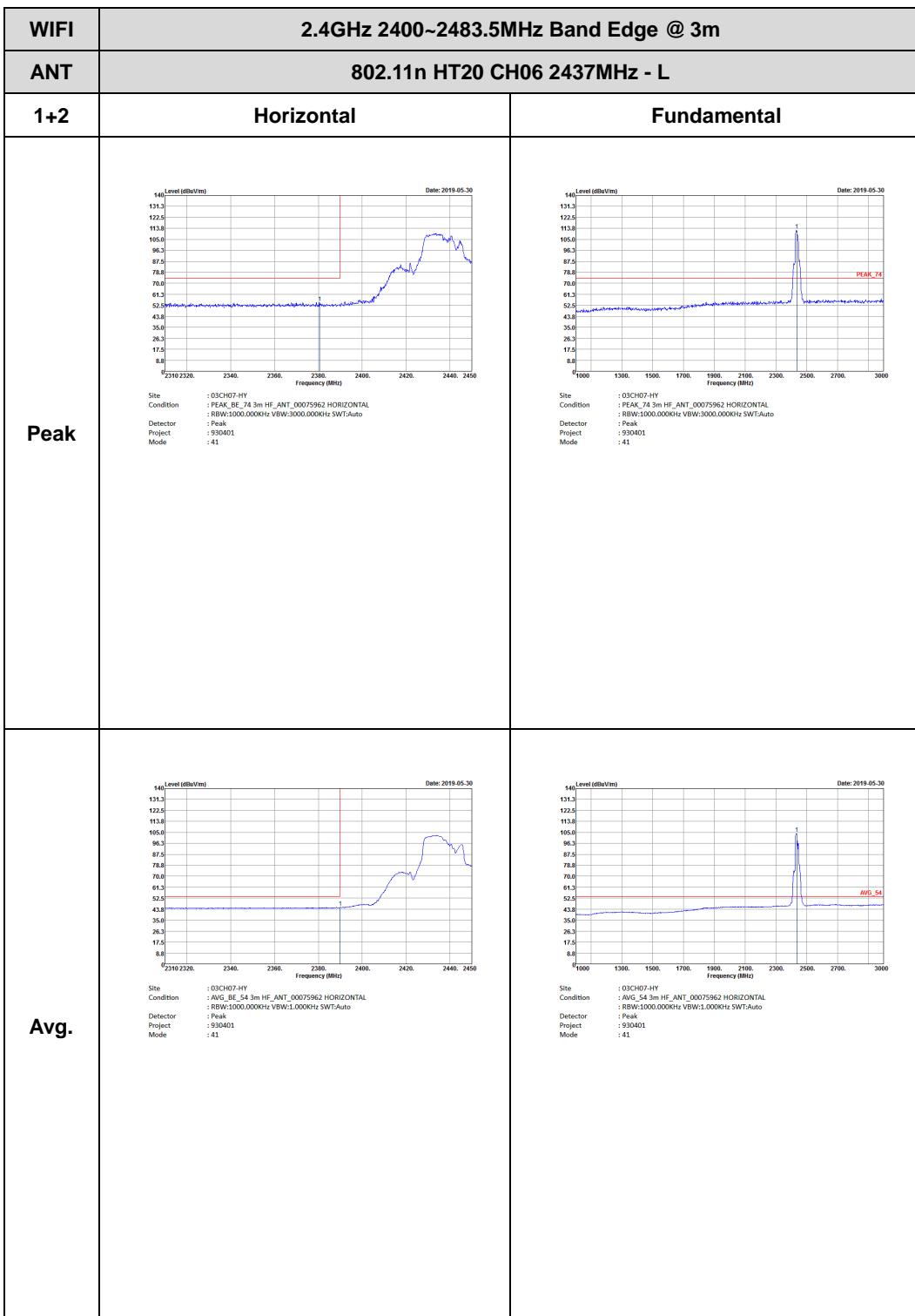


2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

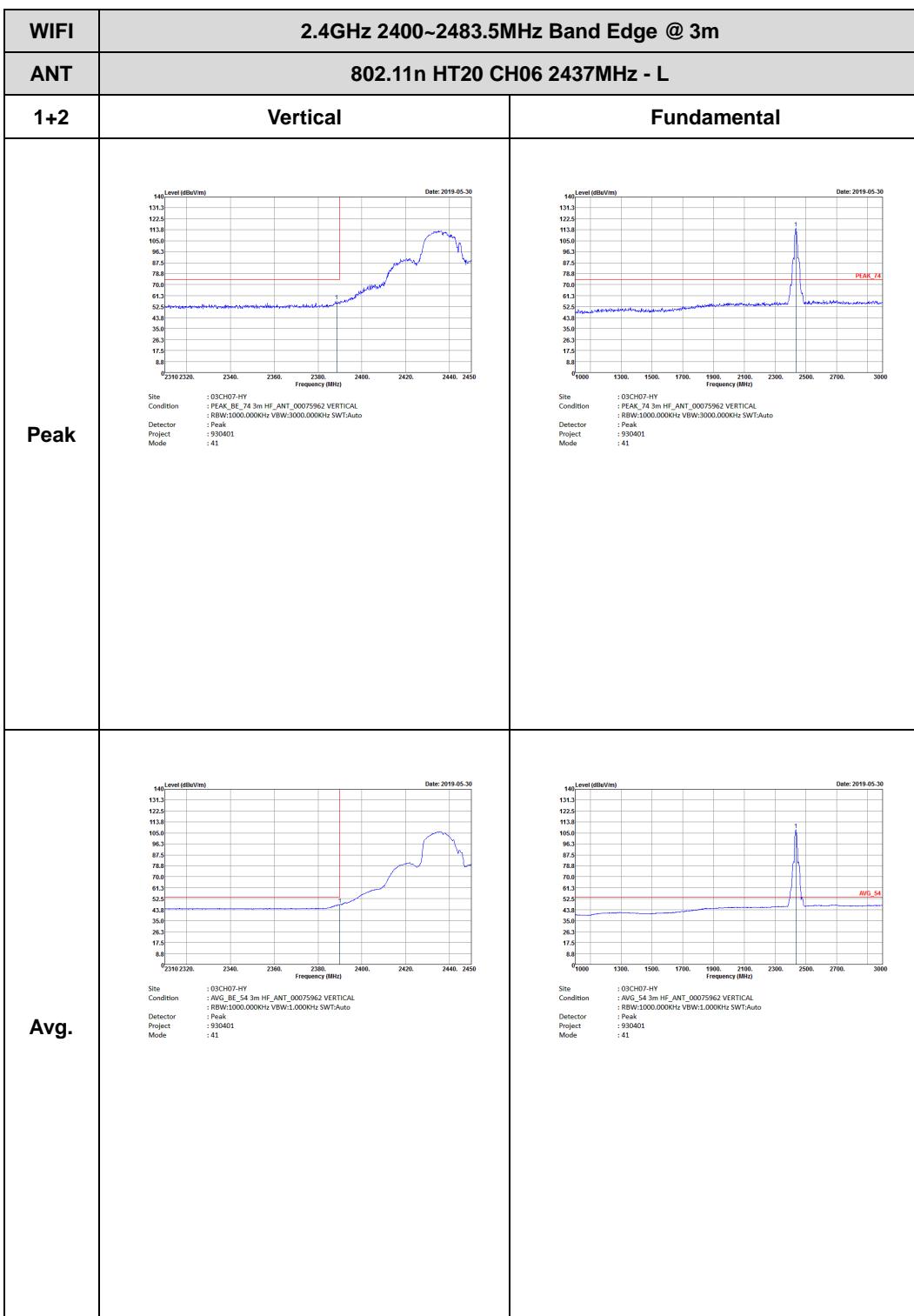






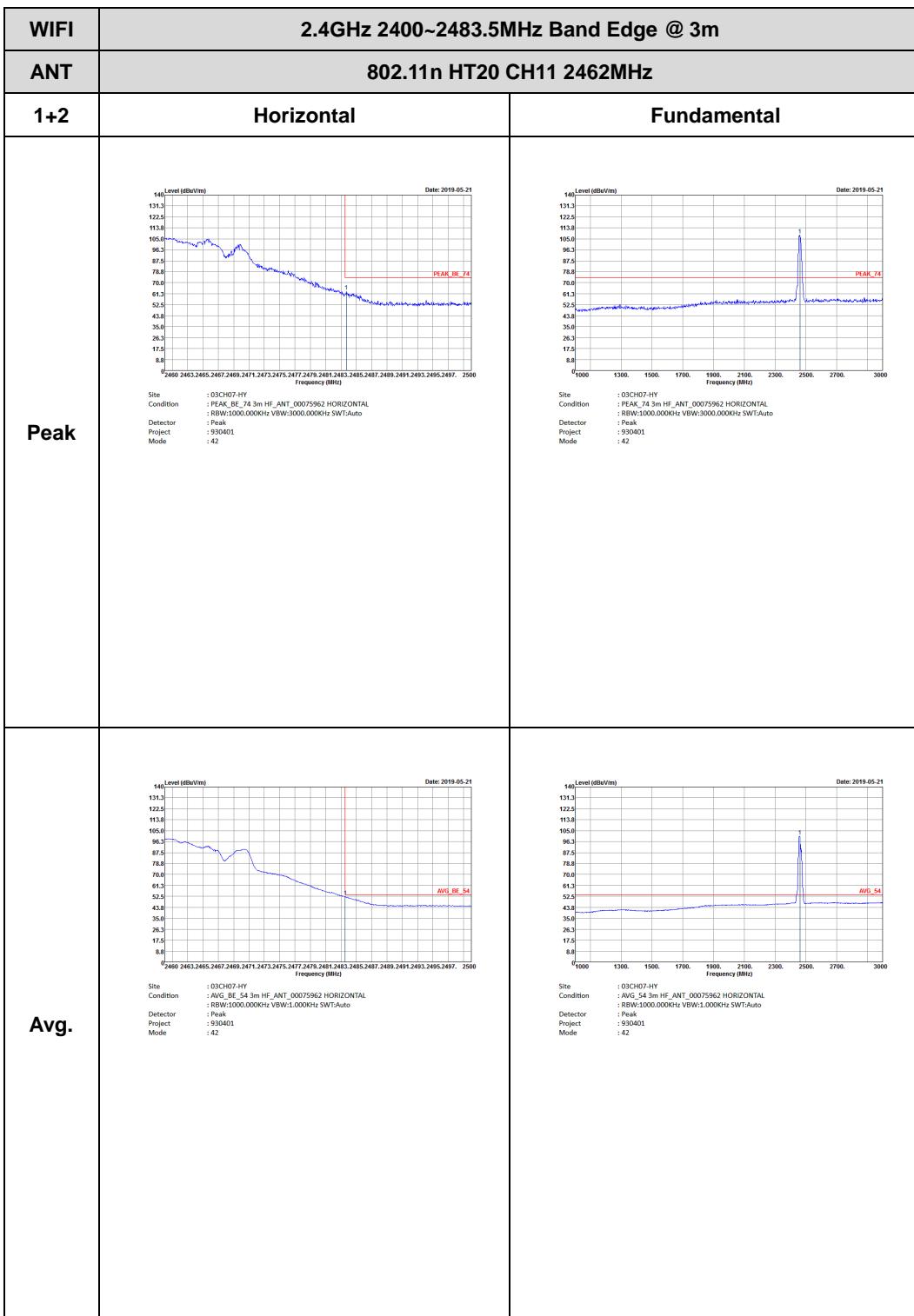


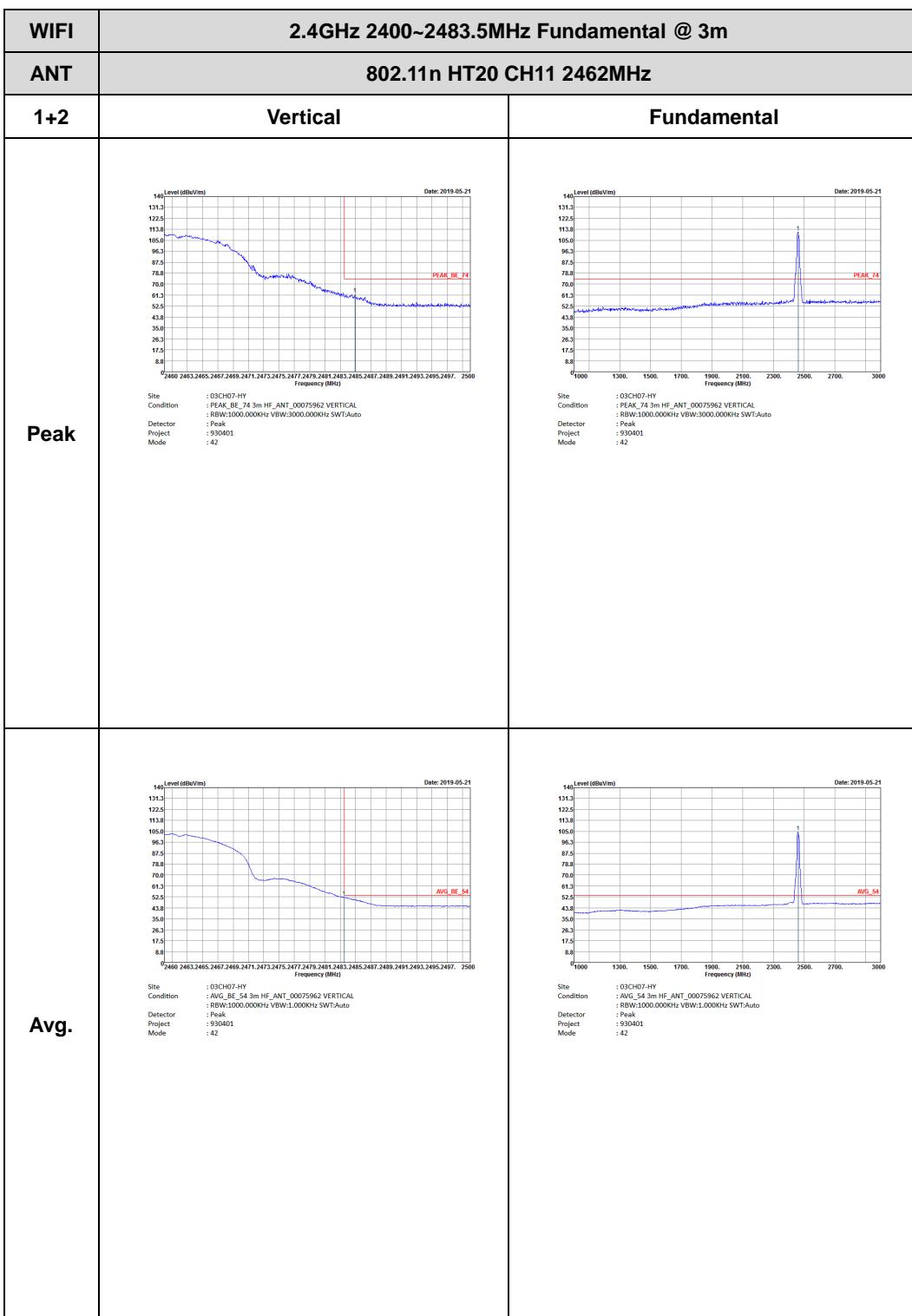
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 930401 Mode : 41	Left blank
Avg.	 Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 930401 Mode : 41	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 930401 Mode : 41</p>	Left Blank
Avg.	<p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 930401 Mode : 41</p>	Left Blank





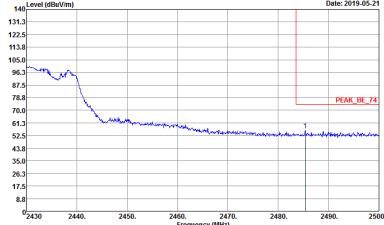


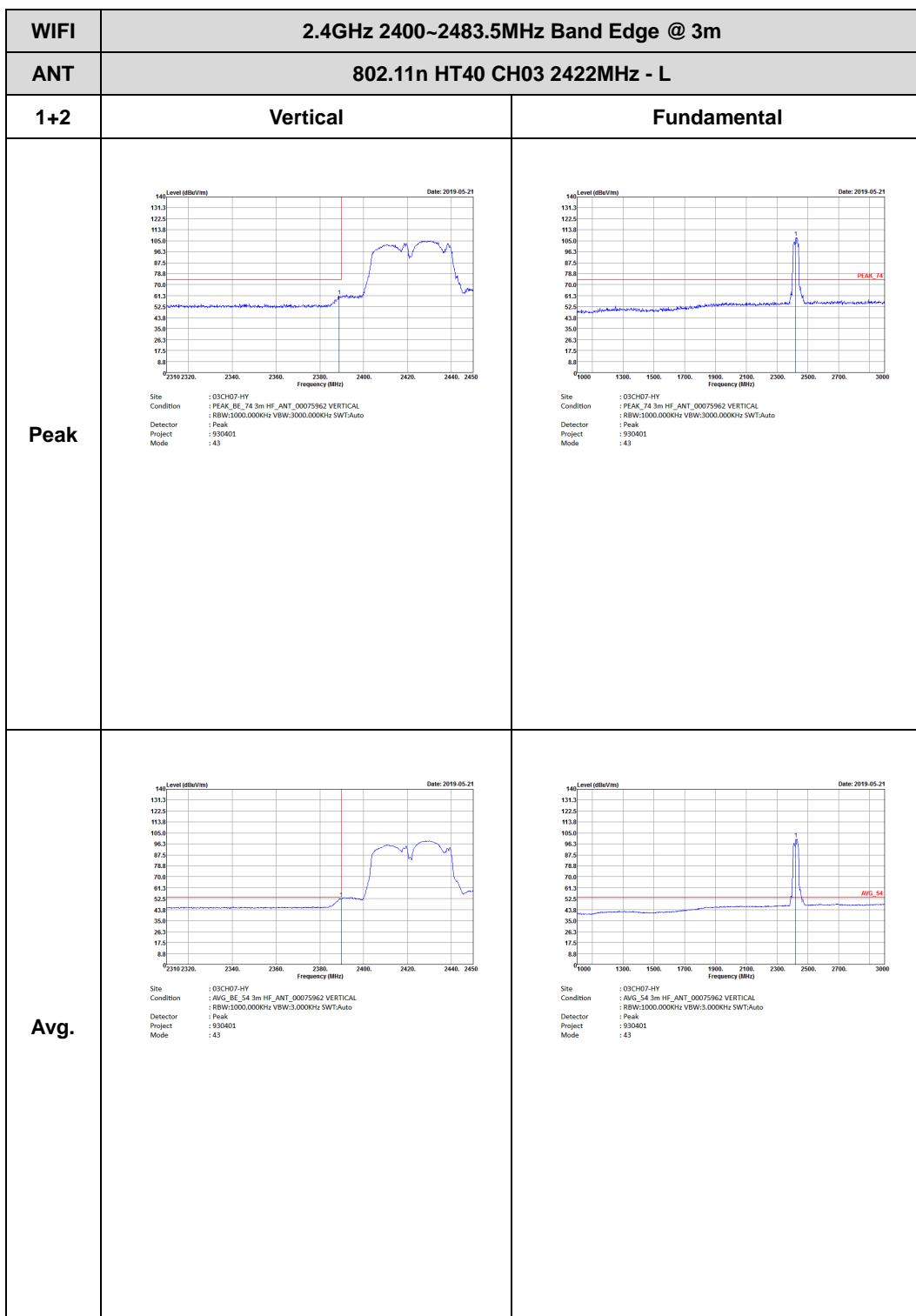
2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1+2	Horizontal	Fundamental
Peak	 Date: 2019-05-21 Site: 03CH07-HY Condition: PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 43	 Date: 2019-05-21 Site: 03CH07-HY Condition: PEAK_74 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 43
Avg.	 Date: 2019-05-21 Site: 03CH07-HY Condition: AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 43	 Date: 2019-05-21 Site: 03CH07-HY Condition: AVG_54 3m HF_ANT_00075962 HORIZONTAL Detector: Peak Project: 930401 Mode: 43

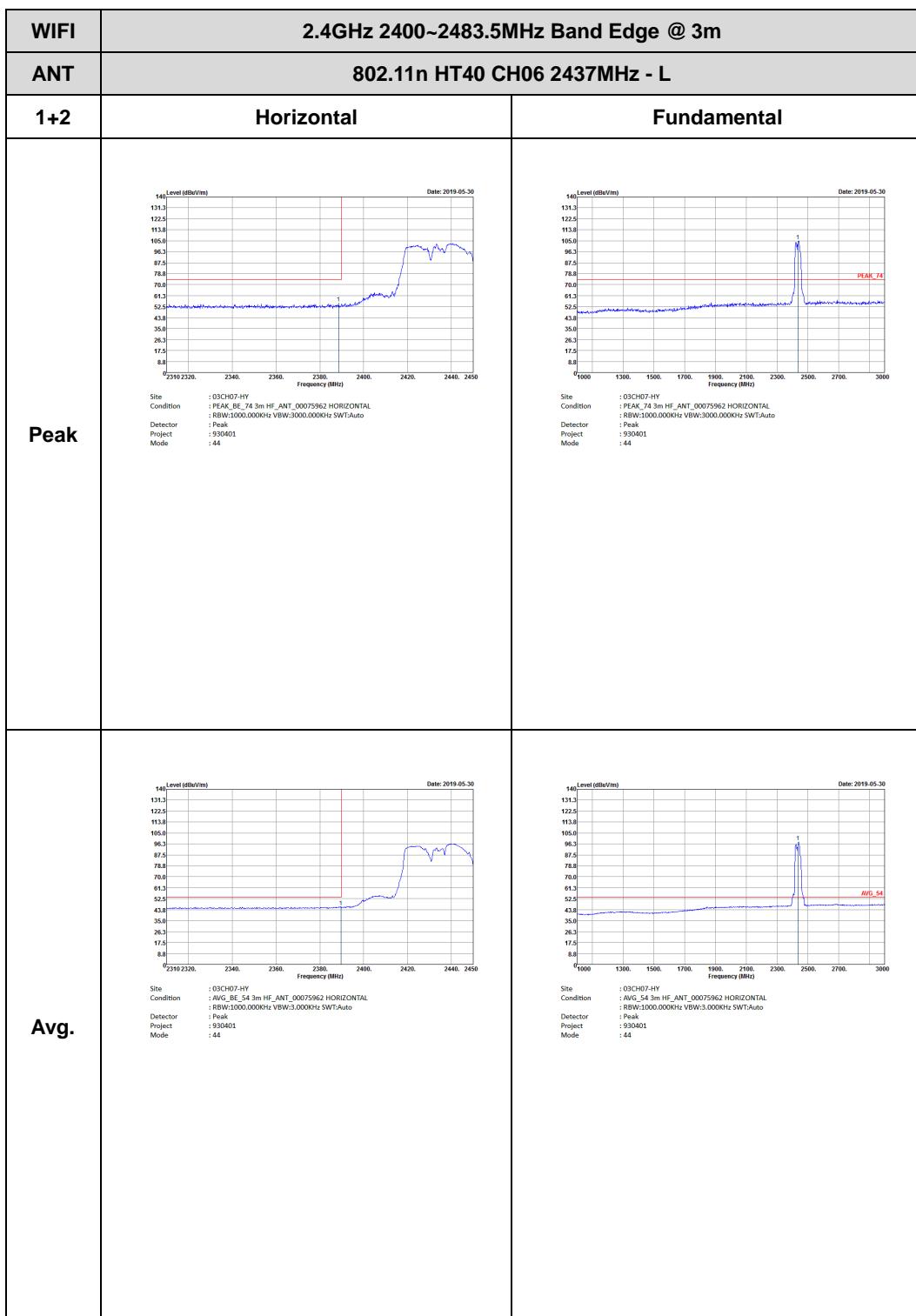


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-21</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 43</p>	Left Blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-21</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 43</p>	Left Blank



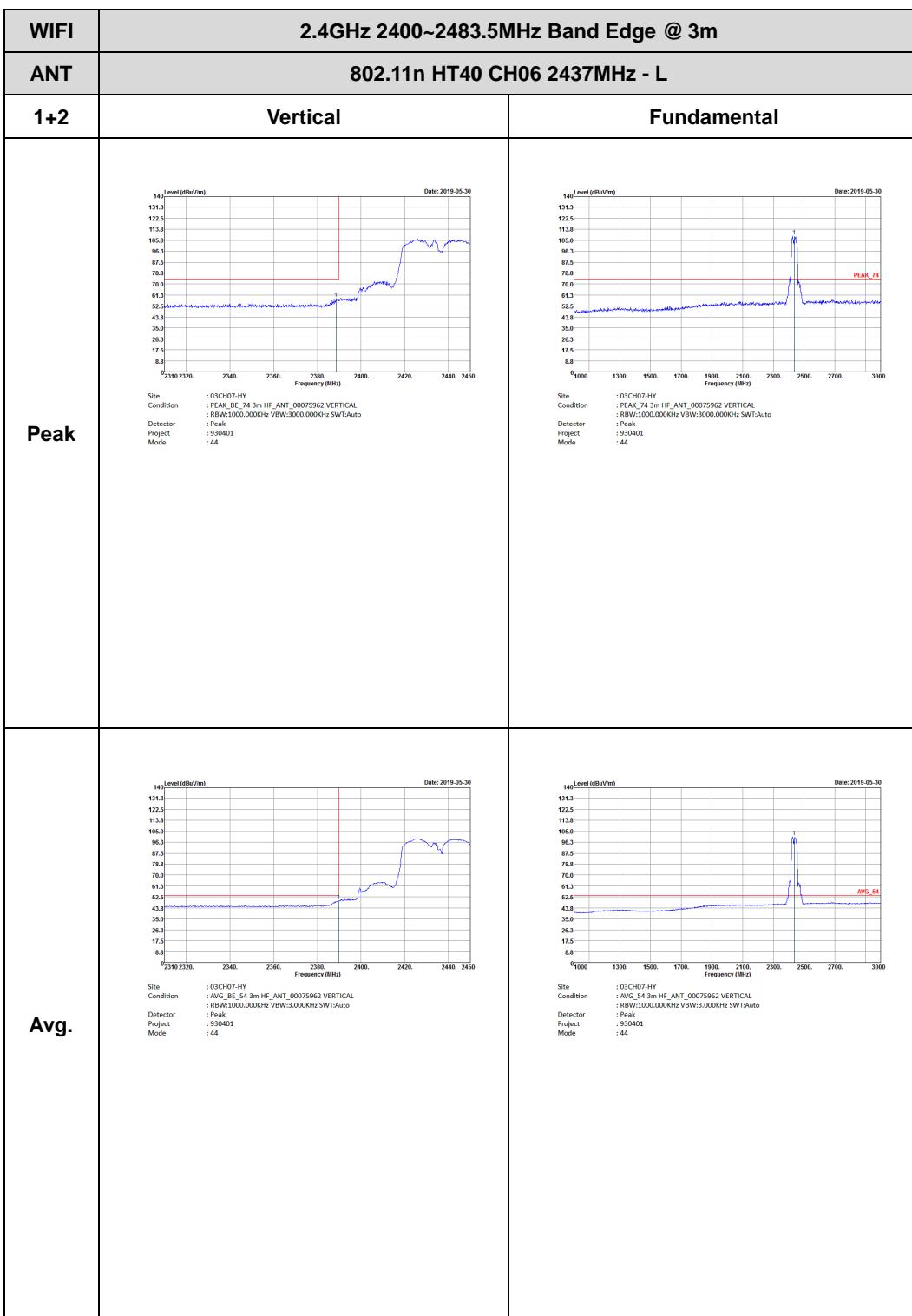


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 43</p>	Left blank
Avg.	<p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 43</p>	Left blank



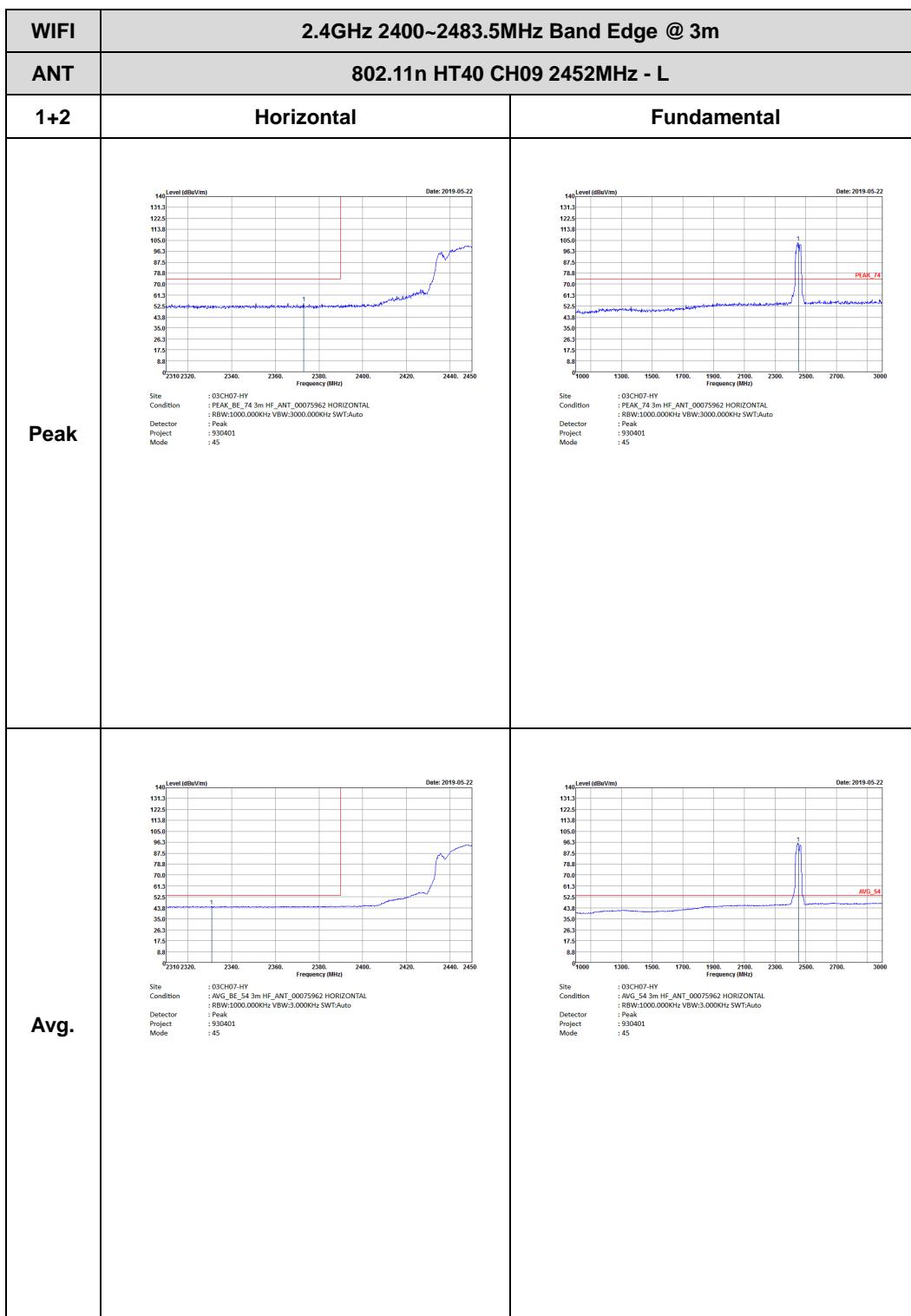


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-30</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 44</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-30</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 44</p>	Left blank

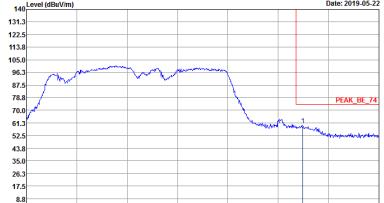
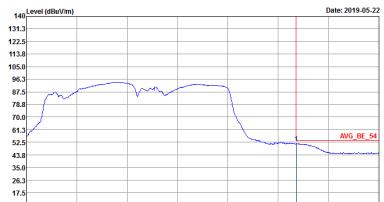


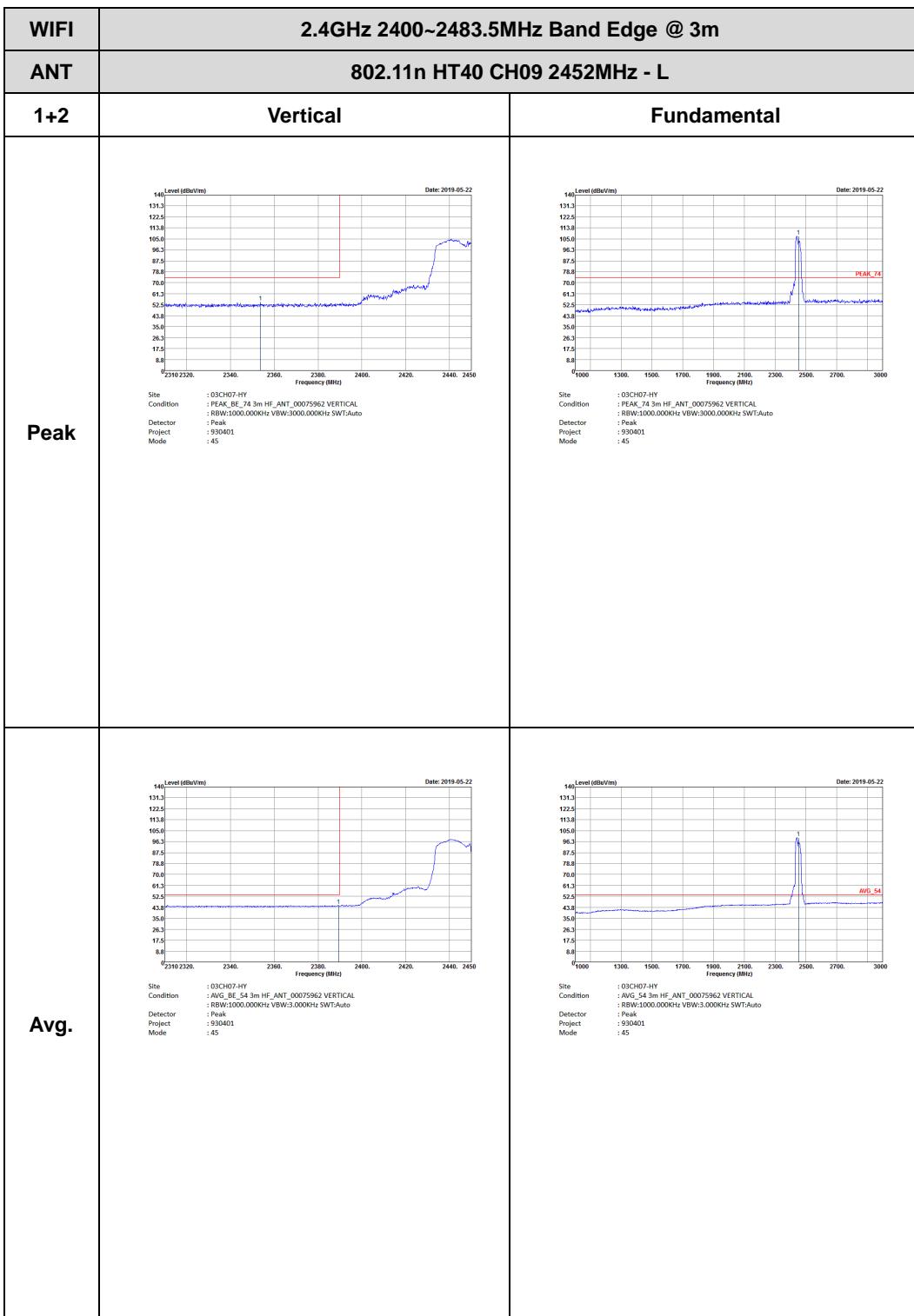


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 44</p>	Left blank
Avg.	 <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 44</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-22</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 45</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-22</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 45</p>	Left blank



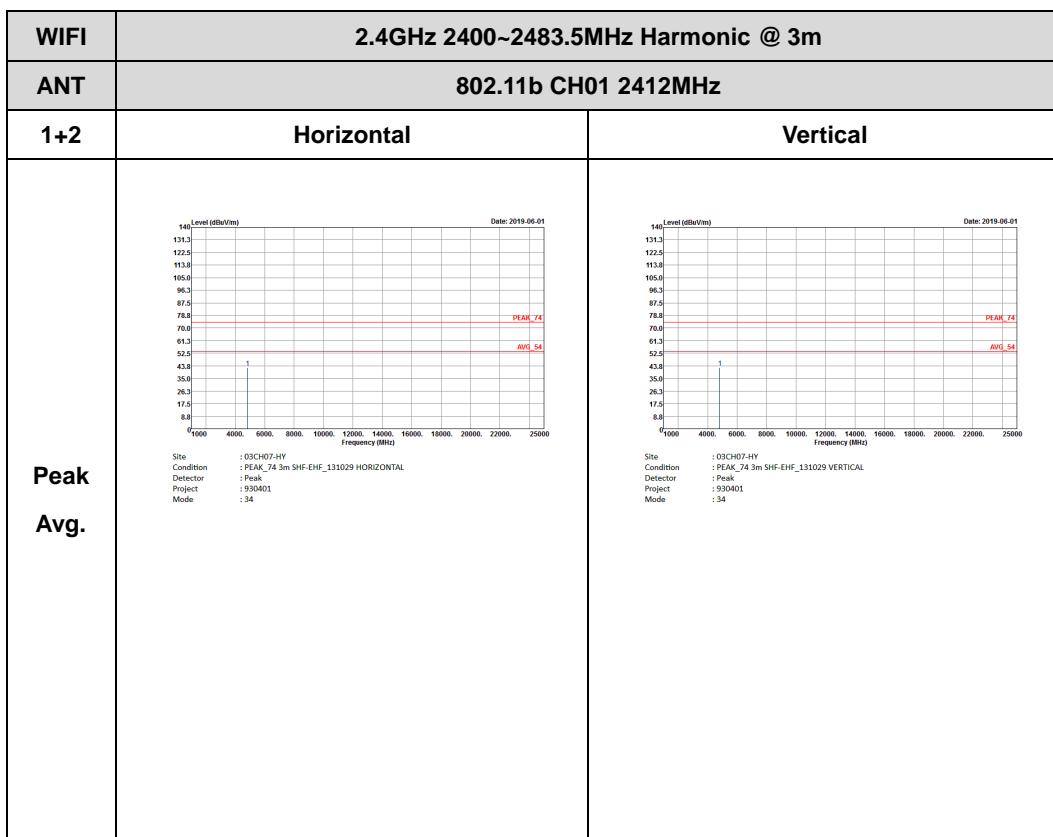


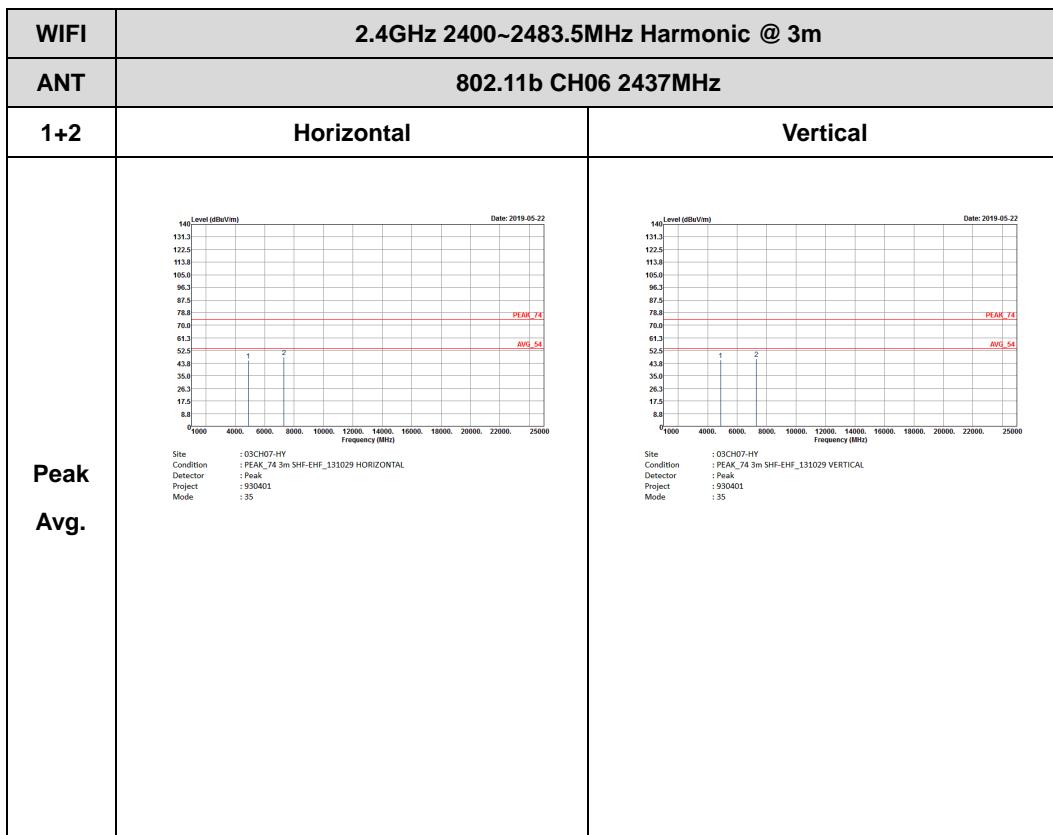
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-22</p> <p>PEAK_BE_74</p> <p>Site : 03CH07-HY Condition : PEAK_BE_74 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 45</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-05-22</p> <p>Avg_BE_54</p> <p>Site : 03CH07-HY Condition : AVG_BE_54 3m HF_ANT_00075962 VERTICAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 930401 : 45</p>	Left blank

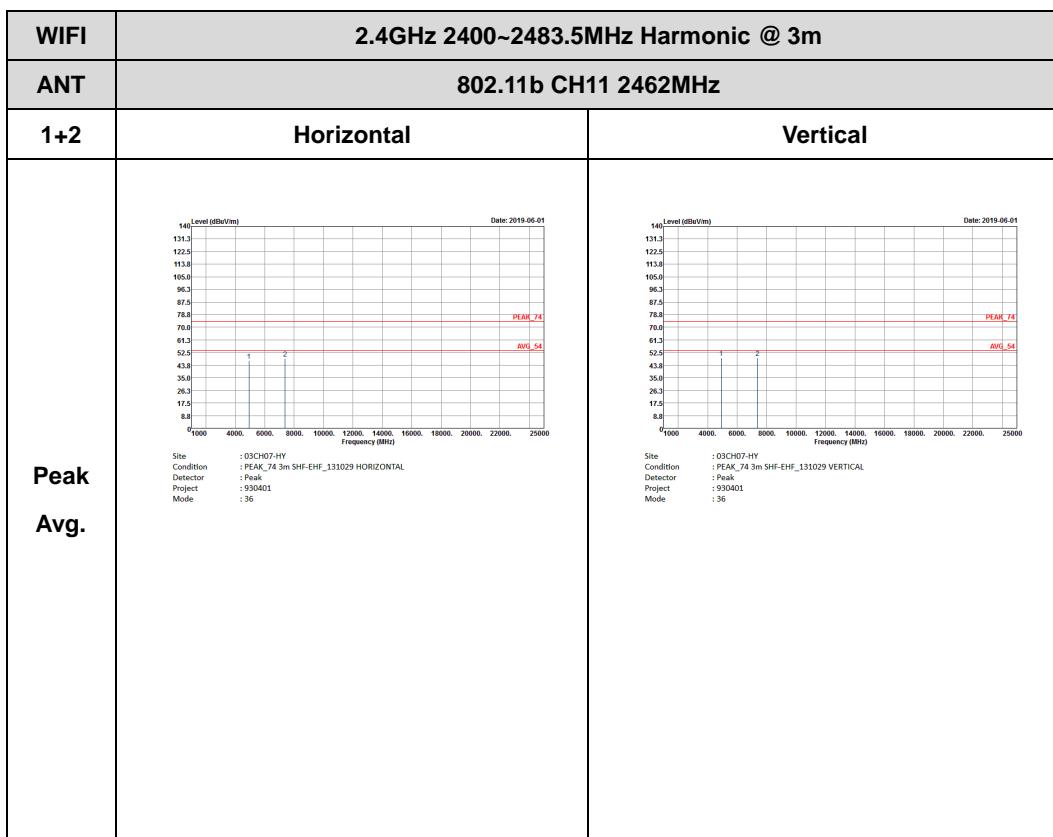


2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)



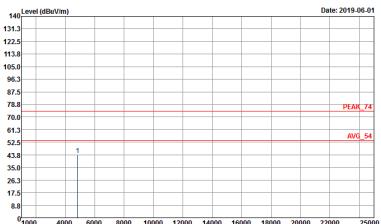
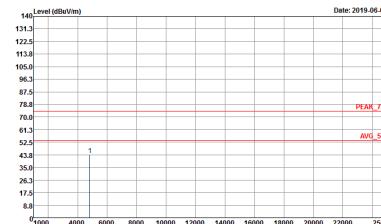






2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Horizontal	Vertical
Peak	 <p>Date: 2019-06-01 Site: : 03CH07-HY Condition: : PEAK_74 3m SHF-EHF_131029 HORIZONTAL Detector: : Peak Project: : 930401 Mode: : 37</p>	 <p>Date: 2019-06-01 Site: : 03CH07-HY Condition: : PEAK_74 3m SHF-EHF_131029 VERTICAL Detector: : Peak Project: : 930401 Mode: : 37</p>
Avg.		