



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.
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		2390	55.71	-18.29	74	45.88	27.13	16.29	33.59	367	8	P	H
		2389.275	41.81	-12.19	54	31.99	27.13	16.29	33.6	367	8	A	H
	*	2412	111.37	-	-	101.48	27.18	16.3	33.59	367	8	P	H
	*	2412	108.37	-	-	98.48	27.18	16.3	33.59	367	8	A	H
													H
													H
		2389.17	59.55	-14.45	74	49.73	27.13	16.29	33.6	129	169	P	V
		2389.17	44.48	-9.52	54	34.66	27.13	16.29	33.6	129	169	A	V
	*	2412	116.51	-	-	106.62	27.18	16.3	33.59	129	169	P	V
	*	2412	113.6	-	-	103.71	27.18	16.3	33.59	129	169	A	V
802.11b CH 06 2437MHz		2363.6	52.63	-21.37	74	42.97	27.04	16.22	33.6	100	320	P	H
		2389.2	41.53	-12.47	54	31.71	27.13	16.29	33.6	100	320	A	H
	*	2437	111.85	-	-	101.86	27.27	16.31	33.59	100	320	P	H
	*	2437	108.64	-	-	98.65	27.27	16.31	33.59	100	320	A	H
		2483.52	54.9	-19.1	74	44.81	27.36	16.31	33.58	100	320	P	H
		2484	42.48	-11.52	54	32.39	27.36	16.31	33.58	100	320	A	H
		2387.76	54.96	-19.04	74	45.14	27.13	16.29	33.6	126	244	P	V
		2390	41.54	-12.46	54	31.71	27.13	16.29	33.59	126	244	A	V
	*	2437	116.76	-	-	106.77	27.27	16.31	33.59	126	244	P	V
	*	2437	113.85	-	-	103.86	27.27	16.31	33.59	126	244	A	V
		2483.84	60.33	-13.67	74	50.24	27.36	16.31	33.58	126	244	P	V
		2484	42.83	-11.17	54	32.74	27.36	16.31	33.58	126	244	A	V



802.11b CH 11 2462MHz	*	2462	112.04	-	-	102	27.31	16.31	33.58	397	357	P	H
	*	2462	109.06	-	-	99.02	27.31	16.31	33.58	397	357	A	H
		2483.72	59.56	-14.44	74	49.47	27.36	16.31	33.58	397	357	P	H
		2484.84	43.73	-10.27	54	33.63	27.36	16.32	33.58	397	357	A	H
													H
													H
	*	2460	113.49	-	-	103.45	27.31	16.31	33.58	104	295	P	V
	*	2460	110.36	-	-	100.32	27.31	16.31	33.58	104	295	A	V
		2484.12	59.96	-14.04	74	49.87	27.36	16.31	33.58	104	295	P	V
		2484.96	43.69	-10.31	54	33.59	27.36	16.32	33.58	104	295	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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 02 2427MHz		2389.52	53	-21	74	43.18	27.13	16.29	33.6	367	5	P	H
		2388.68	41.86	-12.14	54	32.04	27.13	16.29	33.6	367	5	A	H
	*	2417	111.15	-	-	101.26	27.18	16.3	33.59	367	5	P	H
	*	2417	108.27	-	-	98.38	27.18	16.3	33.59	367	5	A	H
													H
													H
		2388.82	57.54	-16.46	74	47.72	27.13	16.29	33.6	246	172	P	V
		2388.82	42.33	-11.67	54	32.51	27.13	16.29	33.6	246	172	A	V
	*	2417	116.7	-	-	106.81	27.18	16.3	33.59	246	172	P	V
	*	2417	113.8	-	-	103.91	27.18	16.3	33.59	246	172	A	V
													V
													V
802.11b CH 10 2457MHz	*	2457	112.48	-	-	102.44	27.31	16.31	33.58	396	191	P	H
	*	2457	109.47	-	-	99.43	27.31	16.31	33.58	396	191	A	H
		2486.21	56.77	-17.23	74	46.67	27.36	16.32	33.58	396	191	P	H
		2486.28	46.62	-7.38	54	36.52	27.36	16.32	33.58	396	191	A	H
													H
													H
	*	2457	117.06	-	-	107.02	27.31	16.31	33.58	113	250	P	V
	*	2457	114.04	-	-	104	27.31	16.31	33.58	113	250	A	V
		2485.09	62.97	-11.03	74	52.87	27.36	16.32	33.58	113	250	P	V
		2483.76	49.62	-4.38	54	39.53	27.36	16.31	33.58	113	250	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 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	46.05	-27.95	74	63.31	31.29	10.02	58.57	100	0	P	H
													H
													H
													H
		4824	42.93	-31.07	74	60.19	31.29	10.02	58.57	100	0	P	V
													V
													V
													V
802.11b CH 06 2437MHz		4874	51.98	-22.02	74	69.16	31.38	9.99	58.55	238	354	P	H
		4874	49.48	-4.52	54	66.66	31.38	9.99	58.55	238	354	A	H
		7311	41.75	-32.25	74	52.53	36.28	11.77	58.83	100	0	P	H
													H
		4874	47.31	-26.69	74	64.49	31.38	9.99	58.55	100	0	P	V
		7311	41.01	-32.99	74	51.79	36.28	11.77	58.83	100	0	P	V
													V
													V
802.11b CH 11 2462MHz		4920	53.12	-20.88	74	70.18	31.48	9.99	58.53	247	355	P	H
		4920	49.71	-4.29	54	66.77	31.48	9.99	58.53	247	355	A	H
		7386	41.64	-32.36	74	52.21	36.47	11.68	58.72	100	0	P	H
													H
		4924	47.06	-26.94	74	64.12	31.48	9.99	58.53	100	0	P	V
		7386	40.66	-33.34	74	51.23	36.47	11.68	58.72	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		2389.59	61.72	-12.28	74	51.9	27.13	16.29	33.6	124	322	P	H
		2390	51.26	-2.74	54	41.43	27.13	16.29	33.59	124	322	A	H
	*	2412	113.65	-	-	103.76	27.18	16.3	33.59	124	322	P	H
	*	2412	105.49	-	-	95.6	27.18	16.3	33.59	124	322	A	H
													H
													H
		2389.59	65.83	-8.17	74	56.01	27.13	16.29	33.6	100	171	P	V
		2389.38	52.1	-1.9	54	42.28	27.13	16.29	33.6	100	171	A	V
	*	2412	115.11	-	-	105.22	27.18	16.3	33.59	100	171	P	V
	*	2412	107.27	-	-	97.38	27.18	16.3	33.59	100	171	A	V
													V
													V
802.11g CH 06 2437MHz		2389.36	61.62	-12.38	74	51.8	27.13	16.29	33.6	100	311	P	H
		2389.84	46.57	-7.43	54	36.74	27.13	16.29	33.59	100	311	A	H
	*	2437	116.07	-	-	106.08	27.27	16.31	33.59	100	311	P	H
	*	2437	108.61	-	-	98.62	27.27	16.31	33.59	100	311	A	H
		2483.52	65.81	-8.19	74	55.72	27.36	16.31	33.58	100	311	P	H
		2483.6	48.86	-5.14	54	38.77	27.36	16.31	33.58	100	311	A	H
		2390	62.35	-11.65	74	52.52	27.13	16.29	33.59	127	241	P	V
		2390	48.6	-5.4	54	38.77	27.13	16.29	33.59	127	241	A	V
	*	2437	118.35	-	-	108.36	27.27	16.31	33.59	127	241	P	V
	*	2437	110.33	-	-	100.34	27.27	16.31	33.59	127	241	A	V
		2483.6	67.02	-6.98	74	56.93	27.36	16.31	33.58	127	241	P	V
		2483.52	51.15	-2.85	54	41.06	27.36	16.31	33.58	127	241	A	V



802.11g CH 11 2462MHz	*	2462	112.48	-	-	102.44	27.31	16.31	33.58	115	322	P	H
	*	2462	103.28	-	-	93.24	27.31	16.31	33.58	115	322	A	H
		2484.76	62.93	-11.07	74	52.83	27.36	16.32	33.58	115	322	P	H
		2484.76	51.57	-2.43	54	41.47	27.36	16.32	33.58	115	322	A	H
													H
													H
	*	2462	112.71	-	-	102.67	27.31	16.31	33.58	103	247	P	V
	*	2462	104.85	-	-	94.81	27.31	16.31	33.58	103	247	A	V
		2485.76	64.44	-9.56	74	54.34	27.36	16.32	33.58	103	247	P	V
		2483.52	52.87	-1.13	54	42.78	27.36	16.31	33.58	103	247	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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 02 2417MHz		2389.68	61.7	-12.3	74	51.88	27.13	16.29	33.6	100	321	P	H
		2390	51.91	-2.09	54	42.08	27.13	16.29	33.59	100	321	A	H
	*	2417	114.85	-	-	104.96	27.18	16.3	33.59	100	321	P	H
	*	2417	106.84	-	-	96.95	27.18	16.3	33.59	100	321	A	H
													H
													H
		2390	65.14	-8.86	74	55.31	27.13	16.29	33.59	100	170	P	V
		2390	52.96	-1.04	54	43.13	27.13	16.29	33.59	100	170	A	V
	*	2417	116.43	-	-	106.54	27.18	16.3	33.59	100	170	P	V
	*	2417	108.72	-	-	98.83	27.18	16.3	33.59	100	170	A	V
													V
													V
802.11g CH 10 2457MHz	*	2457	112.68	-	-	102.64	27.31	16.31	33.58	100	320	P	H
	*	2457	104.7	-	-	94.66	27.31	16.31	33.58	100	320	A	H
		2484.85	61.79	-12.21	74	51.69	27.36	16.32	33.58	100	320	P	H
		2485.2	49.54	-4.46	54	39.44	27.36	16.32	33.58	100	320	A	H
													H
													H
	*	2457	114.63	-	-	104.59	27.31	16.31	33.58	113	249	P	V
	*	2457	106.7	-	-	96.66	27.31	16.31	33.58	113	249	A	V
		2483.55	67.59	-6.41	74	57.5	27.36	16.31	33.58	113	249	P	V
		2483.5	51.87	-2.13	54	41.78	27.36	16.31	33.58	113	249	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	41.52	-32.48	74	58.78	31.29	10.02	58.57	100	0	P	H
													H
													H
													H
		4824	39	-35	74	56.26	31.29	10.02	58.57	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4874	48.02	-25.98	74	65.2	31.38	9.99	58.55	100	0	P	H
		7311	40.59	-33.41	74	51.37	36.28	11.77	58.83	100	0	P	H
													H
													H
		4874	43.55	-30.45	74	60.73	31.38	9.99	58.55	100	0	P	V
		7311	41.16	-32.84	74	51.94	36.28	11.77	58.83	100	0	P	V
													V
													V
802.11g CH 11 2462MHz		4924	39.13	-34.87	74	56.19	31.48	9.99	58.53	100	0	P	H
		7386	40.85	-33.15	74	51.42	36.47	11.68	58.72	100	0	P	H
													H
													H
		4924	39.04	-34.96	74	56.1	31.48	9.99	58.53	100	0	P	V
		7386	40.1	-33.9	74	50.67	36.47	11.68	58.72	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		2389.275	61.3	-12.7	74	51.48	27.13	16.29	33.6	121	190	P	H
		2390	51.85	-2.15	54	42.02	27.13	16.29	33.59	121	190	A	H
	*	2412	113.07	-	-	103.18	27.18	16.29	33.59	121	190	P	H
	*	2412	104.81	-	-	94.92	27.18	16.29	33.59	121	190	A	H
													H
													H
		2390	65.08	-8.92	74	55.25	27.13	16.29	33.59	235	158	P	V
		2389.8	51.54	-2.46	54	41.71	27.13	16.29	33.59	235	158	A	V
	*	2412	116.07	-	-	106.18	27.18	16.29	33.59	235	158	P	V
	*	2412	107.8	-	-	97.91	27.18	16.29	33.59	235	158	A	V
													V
													V
802.11n HT20 CH 06 2437MHz		2390	60.71	-13.29	74	50.88	27.13	16.29	33.59	100	311	P	H
		2390	47.15	-6.85	54	37.32	27.13	16.29	33.59	100	311	A	H
	*	2437	116.24	-	-	106.25	27.27	16.31	33.59	100	311	P	H
	*	2437	107.98	-	-	97.99	27.27	16.31	33.59	100	311	A	H
		2484.32	66.19	-7.81	74	56.09	27.36	16.32	33.58	100	311	P	H
		2484	50.25	-3.75	54	40.16	27.36	16.31	33.58	100	311	A	H
		2389.84	62.57	-11.43	74	52.74	27.13	16.29	33.59	124	245	P	V
		2390	48.19	-5.81	54	38.36	27.13	16.29	33.59	124	245	A	V
	*	2437	119.15	-	-	109.16	27.27	16.31	33.59	124	245	P	V
	*	2437	110.29	-	-	100.3	27.27	16.31	33.59	124	245	A	V
		2484	67.71	-6.29	74	57.62	27.36	16.31	33.58	124	245	P	V
		2483.76	51.9	-2.1	54	41.81	27.36	16.31	33.58	124	245	A	V



FCC RADIO TEST REPORT

Report No. : FR860204C

802.11n HT20 CH 11 2462MHz	*	2462	110.26	-	-	100.22	27.31	16.31	33.58	100	322	P	H
	*	2462	102.28	-	-	92.24	27.31	16.31	33.58	100	322	A	H
		2484.08	59.44	-14.56	74	49.35	27.36	16.31	33.58	100	322	P	H
		2483.64	48.64	-5.36	54	38.55	27.36	16.31	33.58	100	322	A	H
													H
													H
	*	2462	113.42	-	-	103.38	27.31	16.31	33.58	103	276	P	V
	*	2462	104.71	-	-	94.67	27.31	16.31	33.58	103	276	A	V
		2484.92	64.51	-9.49	74	54.41	27.36	16.32	33.58	103	276	P	V
		2483.68	52.49	-1.51	54	42.4	27.36	16.31	33.58	103	276	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		2389.56	65.26	-8.74	74	55.44	27.13	16.29	33.6	100	322	P	H
		2389.92	49.11	-4.89	54	39.28	27.13	16.29	33.59	100	322	A	H
	*	2417	113.7	-	-	103.81	27.18	16.3	33.59	100	322	P	H
	*	2417	105.21	-	-	95.32	27.18	16.3	33.59	100	322	A	H
													H
													H
2417MHz		2389.68	62.97	-11.03	74	53.15	27.13	16.29	33.6	100	28	P	V
		2390	52.9	-1.1	54	43.07	27.13	16.29	33.59	100	28	A	V
	*	2417	114.19	-	-	104.3	27.18	16.3	33.59	100	28	P	V
	*	2417	105.65	-	-	95.76	27.18	16.3	33.59	100	28	A	V
													V
													V
	*	2457	112.5	-	-	102.46	27.31	16.31	33.58	100	323	P	H
	*	2457	104.47	-	-	94.43	27.31	16.31	33.58	100	323	A	H
2457MHz		2485.2	59.85	-14.15	74	49.75	27.36	16.32	33.58	100	323	P	H
		2484.8	50.01	-3.99	54	39.91	27.36	16.32	33.58	100	323	A	H
													H
													H
	*	2457	115.74	-	-	105.7	27.31	16.31	33.58	113	254	P	V
	*	2457	107.66	-	-	97.62	27.31	16.31	33.58	113	254	A	V
		2484.45	64.53	-9.47	74	54.43	27.36	16.32	33.58	113	254	P	V
		2483.55	51.04	-2.96	54	40.95	27.36	16.31	33.58	113	254	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	42	-32	74	59.26	31.29	10.02	58.57	100	0	P	H
													H
													H
													H
		4824	38.81	-35.19	74	56.07	31.29	10.02	58.57	100	0	P	V
													V
													V
802.11n HT20 CH 06 2437MHz		4874	47.76	-26.24	74	64.94	31.38	9.99	58.55	100	0	P	H
		7311	41.07	-32.93	74	51.85	36.28	11.77	58.83	100	0	P	H
													H
													H
		4874	46.74	-27.26	74	63.92	31.38	9.99	58.55	100	0	P	V
		7311	41.6	-32.4	74	52.38	36.28	11.77	58.83	100	0	P	V
													V
802.11n HT20 CH 11 2462MHz		4924	40.07	-33.93	74	57.13	31.48	9.99	58.53	100	0	P	H
		7386	41.21	-32.79	74	51.78	36.47	11.68	58.72	100	0	P	H
													H
													H
		4924	38.71	-35.29	74	55.77	31.48	9.99	58.53	100	0	P	V
		7386	41.56	-32.44	74	52.13	36.47	11.68	58.72	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n 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		2389.8	61.31	-12.69	74	51.48	27.13	16.29	33.59	100	317	P	H
		2389.8	52.69	-1.31	54	42.86	27.13	16.29	33.59	100	317	A	H
	*	2422	106.69	-	-	96.76	27.22	16.3	33.59	100	317	P	H
	*	2422	98.56	-	-	88.63	27.22	16.3	33.59	100	317	A	H
		2498	52.63	-21.37	74	42.48	27.4	16.32	33.57	100	317	P	H
		2484.24	43.97	-10.03	54	33.87	27.36	16.32	33.58	100	317	A	H
		2389.5	60.44	-13.56	74	50.62	27.13	16.29	33.6	100	168	P	V
		2389.5	52.66	-1.34	54	42.84	27.13	16.29	33.6	100	168	A	V
	*	2422	108.32	-	-	98.39	27.22	16.3	33.59	100	168	P	V
	*	2422	100.49	-	-	90.56	27.22	16.3	33.59	100	168	A	V
802.11n HT40 CH 06 2437MHz		2483.6	58.15	-15.85	74	48.06	27.36	16.31	33.58	100	168	P	V
		2484.16	44.72	-9.28	54	34.63	27.36	16.31	33.58	100	168	A	V
		2389.8	56.79	-17.21	74	46.96	27.13	16.29	33.59	128	312	P	H
		2389.95	44.93	-9.07	54	35.1	27.13	16.29	33.59	128	312	A	H
	*	2437	109.56	-	-	99.57	27.27	16.31	33.59	128	312	P	H
	*	2437	101.73	-	-	91.74	27.27	16.31	33.59	128	312	A	H
		2484.24	61.34	-12.66	74	51.24	27.36	16.32	33.58	128	312	P	H
		2483.92	50.12	-3.88	54	40.03	27.36	16.31	33.58	128	312	A	H
		2389.35	58.73	-15.27	74	48.91	27.13	16.29	33.6	124	245	P	V
		2389.8	48.08	-5.92	54	38.25	27.13	16.29	33.59	124	245	A	V
802.11n HT40 CH 06 2437MHz	*	2437	110.75	-	-	100.76	27.27	16.31	33.59	124	245	P	V
	*	2437	102.09	-	-	92.1	27.27	16.31	33.59	124	245	A	V
		2483.84	62.92	-11.08	74	52.83	27.36	16.31	33.58	124	245	P	V
		2483.84	52.52	-1.48	54	42.43	27.36	16.31	33.58	124	245	A	V



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		2389.65	55.06	-18.94	74	45.24	27.13	16.29	33.6	100	324	P	H
		2350.8	42.91	-11.09	54	33.36	27	16.15	33.6	100	324	A	H
	*	2452	106.03	-	-	96.03	27.27	16.31	33.58	100	324	P	H
	*	2452	98.1	-	-	88.1	27.27	16.31	33.58	100	324	A	H
802.11n		2484.72	61.06	-12.94	74	50.96	27.36	16.32	33.58	100	324	P	H
HT40		2486.8	47.96	-6.04	54	37.86	27.36	16.32	33.58	100	324	A	H
CH 09		2383.65	52	-22	74	42.22	27.09	16.29	33.6	125	71	P	V
2452MHz		2389.2	42.99	-11.01	54	33.17	27.13	16.29	33.6	125	71	A	V
	*	2452	107.62	-	-	97.62	27.27	16.31	33.58	125	71	P	V
	*	2452	99.68	-	-	89.68	27.27	16.31	33.58	125	71	A	V
		2484.48	60.72	-13.28	74	50.62	27.36	16.32	33.58	125	71	P	V
		2484.56	52.38	-1.62	54	42.28	27.36	16.32	33.58	125	71	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



FCC RADIO TEST REPORT

Report No. : FR860204C

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 04 2427MHz		2389.5	59.98	-14.02	74	50.16	27.13	16.29	33.6	126	320	P	H
		2389.5	51.2	-2.8	54	41.38	27.13	16.29	33.6	126	320	A	H
		2427	109.24	35.24	74	99.31	27.22	16.3	33.59	126	320	P	H
		2427	101.73	47.73	54	91.8	27.22	16.3	33.59	126	320	A	H
		2485.2	55.47	-18.53	74	45.37	27.36	16.32	33.58	126	320	P	H
		2483.52	46.99	-7.01	54	36.9	27.36	16.31	33.58	126	320	A	H
		2389.05	62.01	-11.99	74	52.19	27.13	16.29	33.6	100	31	P	V
		2389.95	52.82	-1.18	54	42.99	27.13	16.29	33.59	100	31	A	V
		2427	110.02	36.02	74	100.09	27.22	16.3	33.59	100	31	P	V
		2427	102.22	48.22	54	92.29	27.22	16.3	33.59	100	31	A	V
		2483.92	60.51	-13.49	74	50.42	27.36	16.31	33.58	100	31	P	V
		2483.68	46.68	-7.32	54	36.59	27.36	16.31	33.58	100	31	A	V
802.11n HT40 CH 08 2447MHz		2389.8	53.98	-20.02	74	44.15	27.13	16.29	33.59	100	317	P	H
		2389.35	43.36	-10.64	54	33.54	27.13	16.29	33.6	100	317	A	H
		2447	107.86	33.86	74	97.86	27.27	16.31	33.58	100	317	P	H
		2447	100.32	46.32	54	90.32	27.27	16.31	33.58	100	317	A	H
		2485.68	60.85	-13.15	74	50.75	27.36	16.32	33.58	100	317	P	H
		2485.04	51.64	-2.36	54	41.54	27.36	16.32	33.58	100	317	A	H
		2389.8	54.77	-19.23	74	44.94	27.13	16.29	33.59	105	162	P	V
		2389.95	43.16	-10.84	54	33.33	27.13	16.29	33.59	105	162	A	V
		2447	108.67	34.67	74	98.67	27.27	16.31	33.58	105	162	P	V
		2447	100.83	46.83	54	90.83	27.27	16.31	33.58	105	162	A	V
		2484.72	61.35	-12.65	74	51.25	27.36	16.32	33.58	105	162	P	V
		2484.4	52.85	-1.15	54	42.75	27.36	16.32	33.58	105	162	A	V



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	39.26	-34.74	74	56.49	31.32	10.01	58.56	100	0	P	H
		7266	42.7	-31.3	74	53.54	36.21	11.82	58.87	100	0	P	H
													H
													H
		4844	38.44	-35.56	74	55.67	31.32	10.01	58.56	100	0	P	V
		7266	42.14	-31.86	74	52.98	36.21	11.82	58.87	100	0	P	V
													V
802.11n HT40 CH 06 2437MHz		4874	38.6	-35.4	74	55.78	31.38	9.99	58.55	100	0	P	H
		7311	41.31	-32.69	74	52.09	36.28	11.77	58.83	100	0	P	H
													H
													H
		4874	38.23	-35.77	74	55.41	31.38	9.99	58.55	100	0	P	V
		7311	40.79	-33.21	74	51.57	36.28	11.77	58.83	100	0	P	V
													V
802.11n HT40 CH 09 2452MHz		4904	38.26	-35.74	74	55.36	31.44	9.99	58.53	100	0	P	H
		7356	41.81	-32.19	74	52.47	36.4	11.71	58.77	100	0	P	H
													H
													H
		4904	38.49	-35.51	74	55.59	31.44	9.99	58.53	100	0	P	V
		7356	41.67	-32.33	74	52.33	36.4	11.71	58.77	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	21.5	-18.5	40	28.98	24.17	0.85	32.5	-	-	P	H
		116.67	17.46	-26.04	43.5	31.41	17.08	1.43	32.46	-	-	P	H
		263.55	19.53	-26.47	46	30.17	19.57	2.17	32.38	-	-	P	H
		479.9	26.62	-19.38	46	32.72	23.45	2.82	32.37	-	-	P	H
		702.5	28.35	-17.65	46	30.88	26.45	3.48	32.46	-	-	P	H
		951.7	33.52	-12.48	46	30.05	30.66	3.99	31.18	100	0	P	H
													H
													H
													H
													H
													H
													H
													V
													V
Remark	1.	No other spurious found.											
	2.	All results are PASS against limit line.											



<For Sample 2>

2.4GHz 2400~2483.5MHz

WIFI 802.11g (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)
802.11g CH 02 2417MHz		2390	62.05	-11.95	74	52.22	27.13	16.29	33.59	100	324	P	H
		2390	51.08	-2.92	54	41.25	27.13	16.29	33.59	100	324	A	H
	*	2417	114.81	-	-	104.92	27.18	16.3	33.59	100	324	P	H
	*	2417	107.53	-	-	97.64	27.18	16.3	33.59	100	324	A	H
													H
													H
		2388.12	62.36	-11.64	74	52.54	27.13	16.29	33.6	127	173	P	V
		2389.8	52.72	-1.28	54	42.89	27.13	16.29	33.59	127	173	A	V
	*	2417	117.34	-	-	107.45	27.18	16.3	33.59	127	173	P	V
	*	2417	109.74	-	-	99.85	27.18	16.3	33.59	127	173	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 02 2417MHz		4834	49.93	-24.07	74	67.15	31.32	10.02	58.56	100	0	P	H
		7251	43.2	-30.8	74	54.07	36.17	11.85	58.89	100	0	P	H
													H
													H
		4834	43.62	-30.38	74	60.84	31.32	10.02	58.56	100	0	P	V
		7251	43.07	-30.93	74	53.94	36.17	11.85	58.89	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 802.11g (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		30.81	21.64	-18.36	40	29.59	23.7	0.84	32.49	-	-	P	H
		108.84	17.83	-25.67	43.5	32.27	16.61	1.42	32.47	-	-	P	H
		257.34	19.59	-26.41	46	30.42	19.39	2.16	32.38	-	-	P	H
		460.3	26.09	-19.91	46	32.48	23.16	2.81	32.36	-	-	P	H
		720.7	29.05	-16.95	46	31.03	26.9	3.53	32.41	-	-	P	H
		957.3	33.92	-12.08	46	30.02	30.97	4.07	31.14	100	0	P	H
													H
													H
													H
													H
													H
													H
													V
		37.56	25.52	-14.48	40	36.92	20.26	0.83	32.49	-	-	P	V
		40.8	24.3	-15.7	40	37.28	18.68	0.83	32.49	-	-	P	V
		49.17	24.32	-15.68	40	41.3	14.48	1.03	32.49	-	-	P	V
		440	24.57	-21.43	46	31.39	22.79	2.74	32.35	-	-	P	V
		712.3	28.51	-17.49	46	30.79	26.68	3.48	32.44	-	-	P	V
		948.9	33.7	-12.3	46	30.41	30.51	3.99	31.21	100	0	P	V
													V
													V
													V
													V
													V
	Remark	1. No other spurious found. 2. All results are PASS against limit line.											



<TXBF Mode>

<For Sample 1>

2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (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 μ V)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A) (H/V)
802.11ac	*	2389.695	62.88	-11.12	74	53.06	27.13	16.29	33.6	371	192	P	H
	*	2389.905	51.18	-2.82	54	41.35	27.13	16.29	33.59	371	192	A	H
	*	2412	110.69	-	-	100.8	27.18	16.3	33.59	371	192	P	H
	*	2412	104.14	-	-	94.25	27.18	16.3	33.59	371	192	A	H
VHT20													H
	CH 01	2389.8	61.43	-12.57	74	51.6	27.13	16.29	33.59	127	173	P	V
2412MHz		2389.905	51.27	-2.73	54	41.44	27.13	16.29	33.59	127	173	A	V
	*	2412	113.48	-	-	103.59	27.18	16.3	33.59	127	173	P	V
	*	2412	106.8	-	-	96.91	27.18	16.3	33.59	127	173	A	V
													V
802.11ac		2389.94	53.38	-20.62	74	43.55	27.13	16.29	33.59	329	326	P	H
		2389.94	44.48	-9.52	54	34.65	27.13	16.29	33.59	329	326	A	H
	*	2437	112.55	-	-	102.56	27.27	16.31	33.59	329	326	P	H
	*	2437	104.2	-	-	94.21	27.27	16.31	33.59	329	326	A	H
VHT20		2484.46	58.57	-15.43	74	48.47	27.36	16.32	33.58	329	326	P	H
		2484.88	46.78	-7.22	54	36.68	27.36	16.32	33.58	329	326	A	H
CH 06	CH 06	2389.94	59.63	-14.37	74	49.8	27.13	16.29	33.59	103	172	P	V
		2389.8	48.21	-5.79	54	38.38	27.13	16.29	33.59	103	172	A	V
	*	2437	113.8	-	-	103.81	27.27	16.31	33.59	103	172	P	V
	*	2437	107.36	-	-	97.37	27.27	16.31	33.59	103	172	A	V
2437MHz		2484.04	64.34	-9.66	74	54.25	27.36	16.31	33.58	103	172	P	V
		2483.69	52.22	-1.78	54	42.13	27.36	16.31	33.58	103	172	A	V



802.11ac VHT20 CH 11 2462MHz	*	2462	107.13	-	-	97.09	27.31	16.31	33.58	328	324	P	H
	*	2462	101.47	-	-	91.43	27.31	16.31	33.58	328	324	A	H
		2484.48	59.73	-14.27	74	49.63	27.36	16.32	33.58	328	324	P	H
		2483.64	52.03	-1.97	54	41.94	27.36	16.31	33.58	328	324	A	H
													H
													H
	*	2462	110.35	-	-	100.31	27.31	16.31	33.58	132	28	P	V
	*	2462	104.51	-	-	94.47	27.31	16.31	33.58	132	28	A	V
		2483.88	64.04	-9.96	74	53.95	27.36	16.31	33.58	132	28	P	V
		2484.56	52.64	-1.36	54	42.54	27.36	16.32	33.58	132	28	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



FCC RADIO TEST REPORT

Report No. : FR860204C

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		2390	57.75	-16.25	74	47.92	27.13	16.29	33.59	329	190	P	H	
		2390	48.27	-5.73	54	38.44	27.13	16.29	33.59	329	190	A	H	
	*	2417	111.77	-	-	101.88	27.18	16.3	33.59	329	190	P	H	
	*	2417	105.48	-	-	95.59	27.18	16.3	33.59	329	190	A	H	
													H	
VHT20													H	
													H	
2417MHz	CH 02	2390	64.39	-9.61	74	54.56	27.13	16.29	33.59	125	173	P	V	
		2389.32	52.6	-1.4	54	42.78	27.13	16.29	33.6	125	173	A	V	
	*	2417	116.23	-	-	106.34	27.18	16.3	33.59	125	173	P	V	
	*	2417	108.86	-	-	98.97	27.18	16.3	33.59	125	173	A	V	
													V	
802.11ac													V	
	*	2457	109.22	-	-	99.18	27.31	16.31	33.58	301	322	P	H	
	*	2457	103.08	-	-	93.04	27.31	16.31	33.58	301	322	A	H	
		2485.09	59.13	-14.87	74	49.03	27.36	16.32	33.58	301	322	P	H	
		2483.69	49.43	-4.57	54	39.34	27.36	16.31	33.58	301	322	A	H	
2457MHz													H	
	VHT20												H	
													H	
	CH 10	*	2457	111.9	-	-	101.86	27.31	16.31	33.58	100	25	P	V
		*	2457	104.39	-	-	94.35	27.31	16.31	33.58	100	25	A	V
			2483.69	65.33	-8.67	74	55.24	27.36	16.31	33.58	100	25	P	V
			2485.09	52.95	-1.05	54	42.85	27.36	16.32	33.58	100	25	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	39.89	-34.11	74	57.15	31.29	10.02	58.57	100	0	P	H
													H
													H
													H
		4824	39.45	-34.55	74	56.71	31.29	10.02	58.57	100	0	P	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		4874	44.94	-29.06	74	62.12	31.38	9.99	58.55	100	0	P	H
		7311	41.57	-32.43	74	52.35	36.28	11.77	58.83	100	0	P	H
													H
													H
		4874	39.75	-34.25	74	56.93	31.38	9.99	58.55	100	0	P	V
		7311	42.45	-31.55	74	53.23	36.28	11.77	58.83	100	0	P	V
													V
802.11ac VHT20 CH 11 2462MHz		4924	39.02	-34.98	74	56.08	31.48	9.99	58.53	100	0	P	H
		7386	41.8	-32.2	74	52.37	36.47	11.68	58.72	100	0	P	H
													H
													H
		4924	39.36	-34.64	74	56.42	31.48	9.99	58.53	100	0	P	V
		7386	41.7	-32.3	74	52.27	36.47	11.68	58.72	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		2388.9	65.05	-8.95	74	55.23	27.13	16.29	33.6	112	194	P	H
		2389.35	52.2	-1.8	54	42.38	27.13	16.29	33.6	112	194	A	H
	*	2422	107	-	-	97.07	27.22	16.3	33.59	112	194	P	H
	*	2422	98.84	-	-	88.91	27.22	16.3	33.59	112	194	A	H
		2486.88	56.58	-17.42	74	46.48	27.36	16.32	33.58	112	194	P	H
		2485.36	45.6	-8.4	54	35.5	27.36	16.32	33.58	112	194	A	H
		2389.95	61.98	-12.02	74	52.15	27.13	16.29	33.59	118	171	P	V
		2389.35	52.53	-1.47	54	42.71	27.13	16.29	33.6	118	171	A	V
	*	2422	110.31	-	-	100.38	27.22	16.3	33.59	118	171	P	V
	*	2422	101.87	-	-	91.94	27.22	16.3	33.59	118	171	A	V
802.11ac VHT40 CH 06 2437MHz		2483.92	64.33	-9.67	74	54.24	27.36	16.31	33.58	118	171	P	V
		2483.76	49.16	-4.84	54	39.07	27.36	16.31	33.58	118	171	A	V
		2389.8	56.49	-17.51	74	46.66	27.13	16.29	33.59	100	325	P	H
		2389.95	47.33	-6.67	54	37.5	27.13	16.29	33.59	100	325	A	H
	*	2437	106.86	-	-	96.87	27.27	16.31	33.59	100	325	P	H
	*	2437	99.55	-	-	89.56	27.27	16.31	33.59	100	325	A	H
		2484.4	59.43	-14.57	74	49.33	27.36	16.32	33.58	100	325	P	H
		2483.52	50.55	-3.45	54	40.46	27.36	16.31	33.58	100	325	A	H
		2389.5	59.63	-14.37	74	49.81	27.13	16.29	33.6	154	170	P	V
		2389.95	49	-5	54	39.17	27.13	16.29	33.59	154	170	A	V
802.11ac VHT40 CH 06 2437MHz	*	2437	109.2	-	-	99.21	27.27	16.31	33.59	154	170	P	V
	*	2437	100.36	-	-	90.37	27.27	16.31	33.59	154	170	A	V
		2483.92	65.28	-8.72	74	55.19	27.36	16.31	33.58	154	170	P	V
		2483.68	51.39	-2.61	54	41.3	27.36	16.31	33.58	154	170	A	V



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	2382.6	52.96	-21.04	74	43.18	27.09	16.29	33.6	100	325	P	H	
	2389.05	43.12	-10.88	54	33.3	27.13	16.29	33.6	100	325	A	H	
	*	2452	103.66	-	-	93.66	27.27	16.31	33.58	100	325	P	H
	*	2452	96.38	-	-	86.38	27.27	16.31	33.58	100	325	A	H
802.11ac		2485.44	61.55	-12.45	74	51.45	27.36	16.32	33.58	100	325	P	H
VHT40		2485.28	51.4	-2.6	54	41.3	27.36	16.32	33.58	100	325	A	H
CH 09		2389.95	56.29	-17.71	74	46.46	27.13	16.29	33.59	179	171	P	V
2452MHz		2389.95	43.15	-10.85	54	33.32	27.13	16.29	33.59	179	171	A	V
	*	2452	105.89	-	-	95.89	27.27	16.31	33.58	179	171	P	V
	*	2452	98.66	-	-	88.66	27.27	16.31	33.58	179	171	A	V
		2485.36	64.71	-9.29	74	54.61	27.36	16.32	33.58	179	171	P	V
		2487.2	52.65	-1.35	54	42.55	27.36	16.32	33.58	179	171	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



FCC RADIO TEST REPORT

Report No. : FR860204C

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 04 2427MHz		2389.5	61.89	-12.11	74	52.07	27.13	16.29	33.6	142	191	P	H
		2389.95	52.12	-1.88	54	42.29	27.13	16.29	33.59	142	191	A	H
	*	2427	108.75	-	-	98.82	27.22	16.3	33.59	142	191	P	H
	*	2427	100.34	-	-	90.41	27.22	16.3	33.59	142	191	A	H
		2484.08	56.62	-17.38	74	46.53	27.36	16.31	33.58	142	191	P	H
		2483.84	47.67	-6.33	54	37.58	27.36	16.31	33.58	142	191	A	H
		2389.95	61.33	-12.67	74	51.5	27.13	16.29	33.59	159	171	P	V
		2389.8	52.48	-1.52	54	42.65	27.13	16.29	33.59	159	171	A	V
	*	2427	111.68	-	-	101.75	27.22	16.3	33.59	159	171	P	V
	*	2427	102.6	-	-	92.67	27.22	16.3	33.59	159	171	A	V
		2484.24	64.15	-9.85	74	54.05	27.36	16.32	33.58	159	171	P	V
		2483.52	50.37	-3.63	54	40.28	27.36	16.31	33.58	159	171	A	V
802.11ac VHT40 CH 08 2447MHz		2383.05	53.14	-20.86	74	43.36	27.09	16.29	33.6	100	318	P	H
		2389.65	43.4	-10.6	54	33.58	27.13	16.29	33.6	100	318	A	H
	*	2447	105.56	-	-	95.56	27.27	16.31	33.58	100	318	P	H
	*	2447	97.72	-	-	87.72	27.27	16.31	33.58	100	318	A	H
		2484.08	62.97	-11.03	74	52.88	27.36	16.31	33.58	100	318	P	H
		2484.24	50.92	-3.08	54	40.82	27.36	16.32	33.58	100	318	A	H
		2389.8	57.33	-16.67	74	47.5	27.13	16.29	33.59	116	244	P	V
		2389.5	43.87	-10.13	54	34.05	27.13	16.29	33.6	116	244	A	V
	*	2447	108.26	-	-	98.26	27.27	16.31	33.58	116	244	P	V
	*	2447	100.45	-	-	90.45	27.27	16.31	33.58	116	244	A	V
		2484.64	65.94	-8.06	74	55.84	27.36	16.32	33.58	116	244	P	V
		2484.64	52.61	-1.39	54	42.51	27.36	16.32	33.58	116	244	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		4844	39.94	-34.06	74	57.17	31.32	10.01	58.56	100	0	P	H
		7266	42.98	-31.02	74	53.82	36.21	11.82	58.87	100	0	P	H
													H
													H
		4844	40.23	-33.77	74	57.46	31.32	10.01	58.56	100	0	P	V
		7266	42.94	-31.06	74	53.78	36.21	11.82	58.87	100	0	P	V
													V
													V
802.11ac VHT40 CH 06 2437MHz		4874	40.28	-33.72	74	57.46	31.38	9.99	58.55	100	0	P	H
		7311	43.09	-30.91	74	53.87	36.28	11.77	58.83	100	0	P	H
													H
													H
		4874	39.17	-34.83	74	56.35	31.38	9.99	58.55	100	0	P	V
		7311	42.25	-31.75	74	53.03	36.28	11.77	58.83	100	0	P	V
													V
													V
802.11ac VHT40 CH 09 2452MHz		4904	38.93	-35.07	74	56.03	31.44	9.99	58.53	100	0	P	H
		7356	41.3	-32.7	74	51.96	36.4	11.71	58.77	100	0	P	H
													H
													H
		4904	39.2	-34.8	74	56.3	31.44	9.99	58.53	100	0	P	V
		7356	41.86	-32.14	74	52.52	36.4	11.71	58.77	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 VHT20 (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 802.11ac VHT20 LF		54.03	25.63	-14.37	40	44.48	12.61	1.03	32.49	-	-	P	H
		67.26	35.69	-4.31	40	55.32	11.83	1.03	32.49	-	-	P	H
		245.46	37.99	-8.01	46	50.57	17.78	2.02	32.38	100	88	P	H
		415.5	27.85	-18.15	46	35.2	22.31	2.68	32.34	-	-	P	H
		715.8	32.36	-13.64	46	34.53	26.77	3.48	32.42	-	-	P	H
		957.3	33.9	-12.1	46	30	30.97	4.07	31.14	-	-	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.												

**Note symbol**

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



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

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

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

2. Level(dB μ V/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dB μ V/m)

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

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

= 55.45 (dB μ V/m)

2. Over Limit(dB)

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

= 55.45(dB μ V/m) – 74(dB μ V/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dB μ V/m)

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

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

= 43.54 (dB μ V/m)

2. Over Limit(dB)

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

= 43.54(dB μ V/m) – 54(dB μ V/m)

= -10.46(dB)

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



Appendix C. Radiated Spurious Emission Plots

Test Engineer :	Hao Hsu, Ken Wu, Chuan chu	Temperature :	21~26°C
		Relative Humidity :	51~56%

Note symbol

-L	Low channel location
-R	High channel location



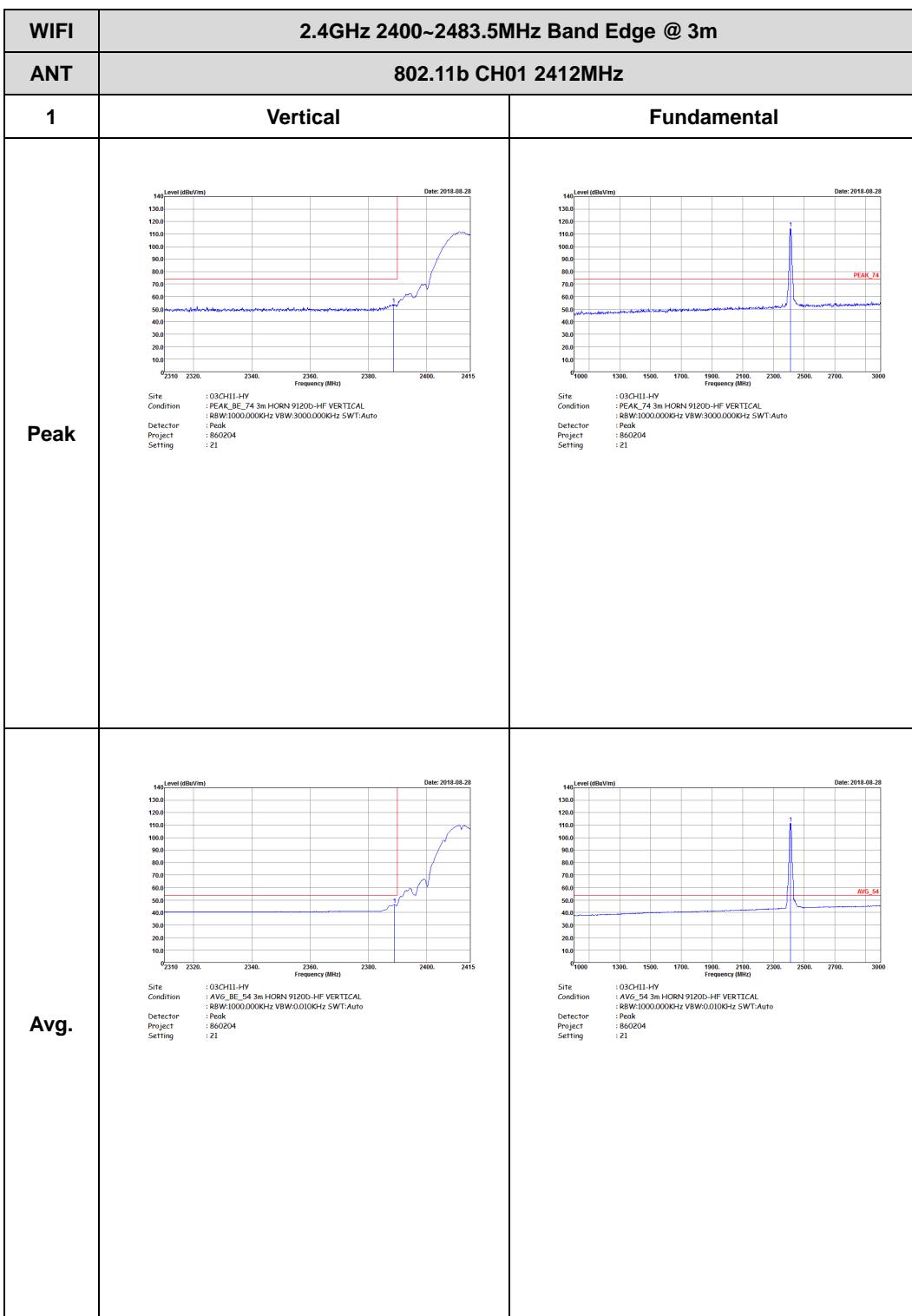
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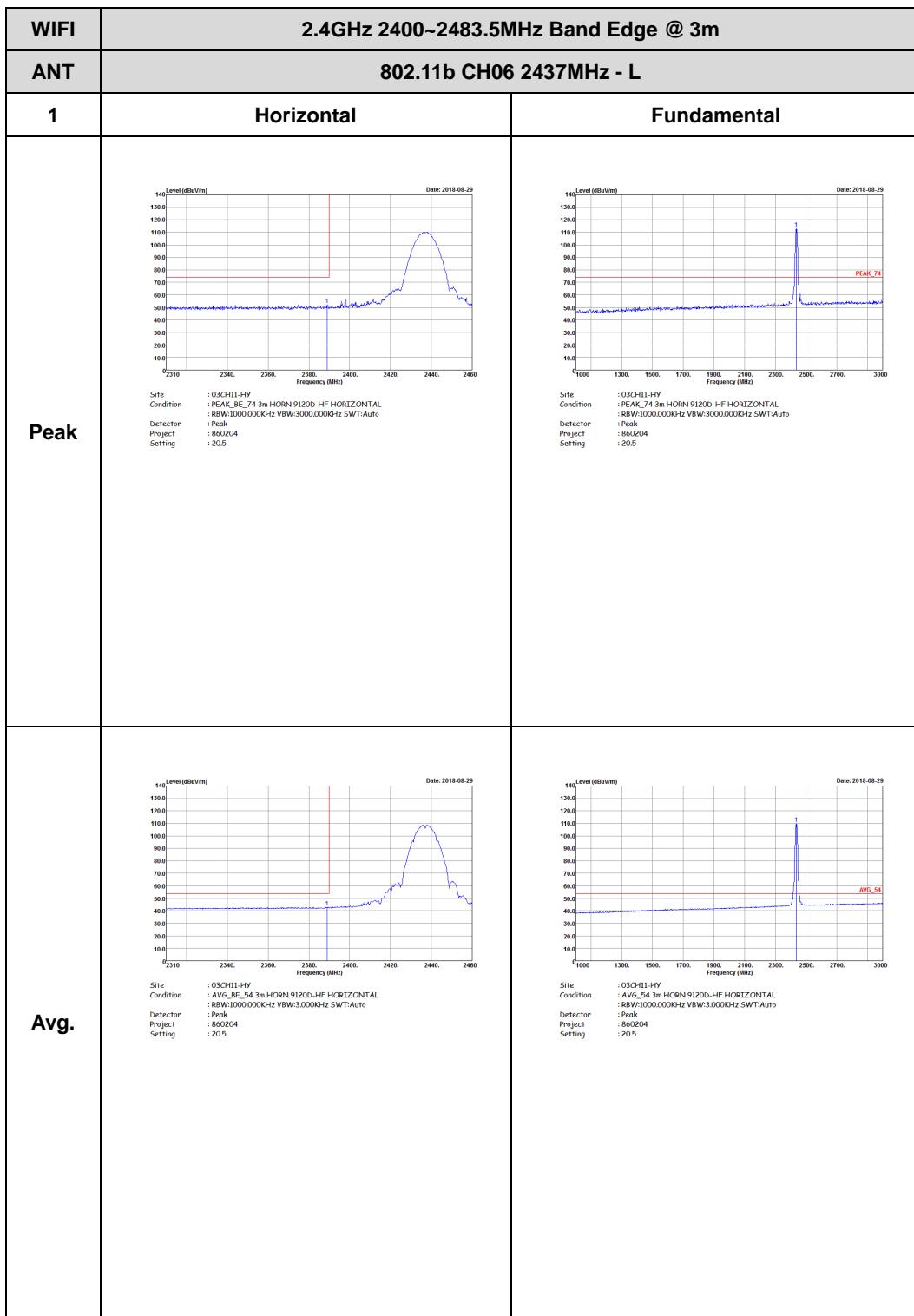
<For Sample 1>

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

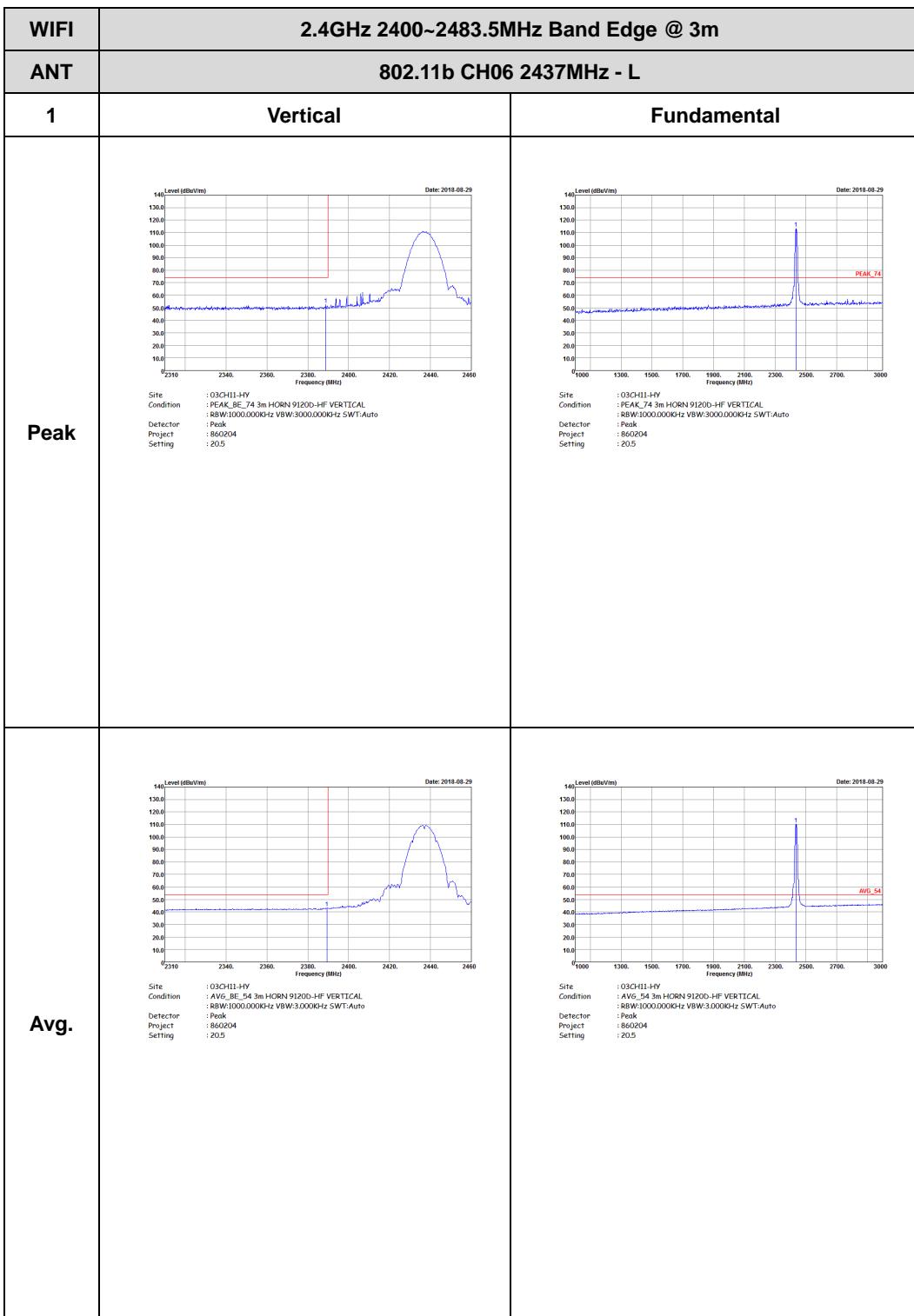
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PCANL_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 860204 Setting : 21	 Site : 03CH11-HY Condition : PCANL_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto Detector : Peak Project : 860204 Setting : 21
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : Peak Project : 860204 Setting : 21	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000kHz VBW:0.010kHz SWT:Auto Detector : Peak Project : 860204 Setting : 21





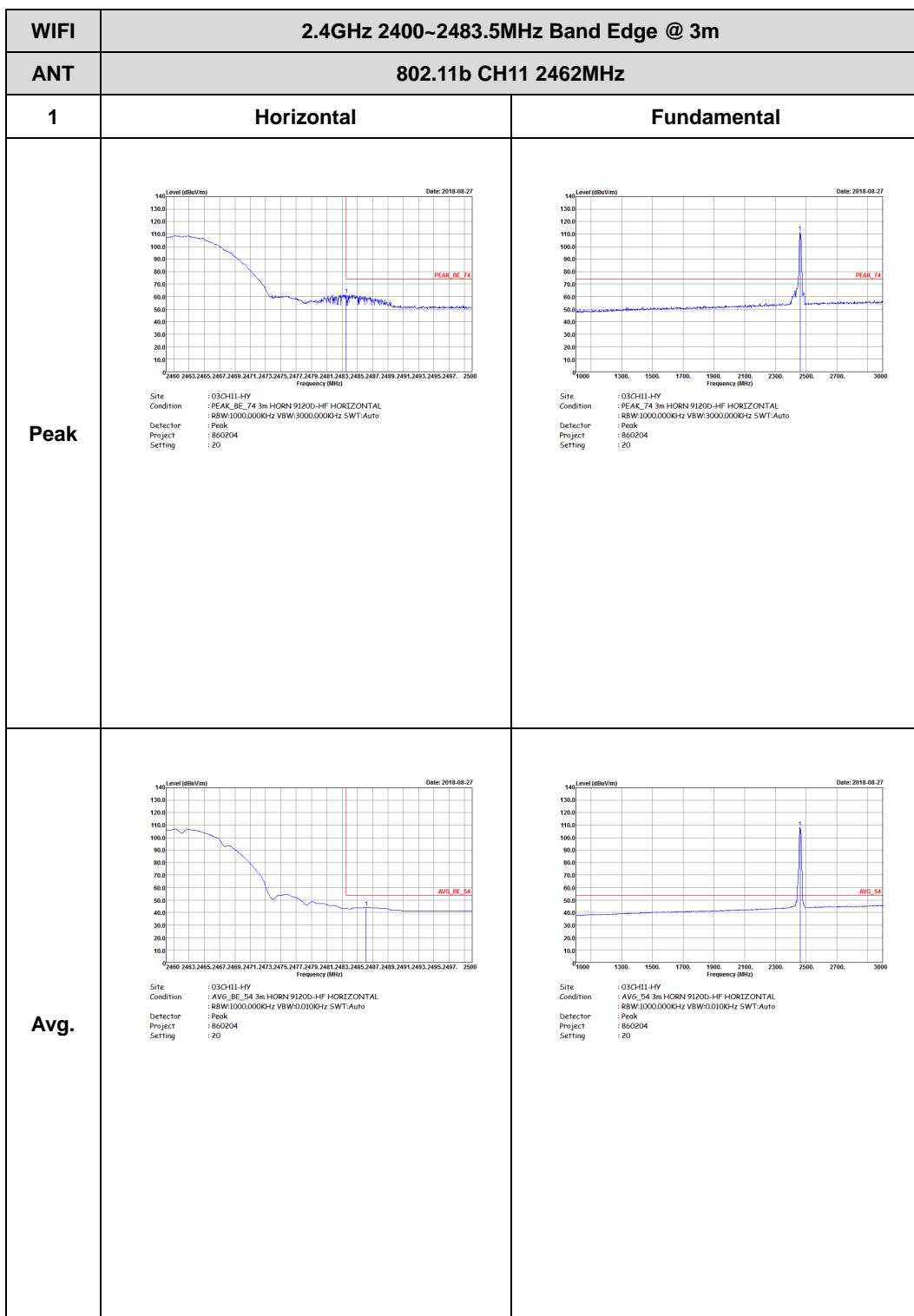


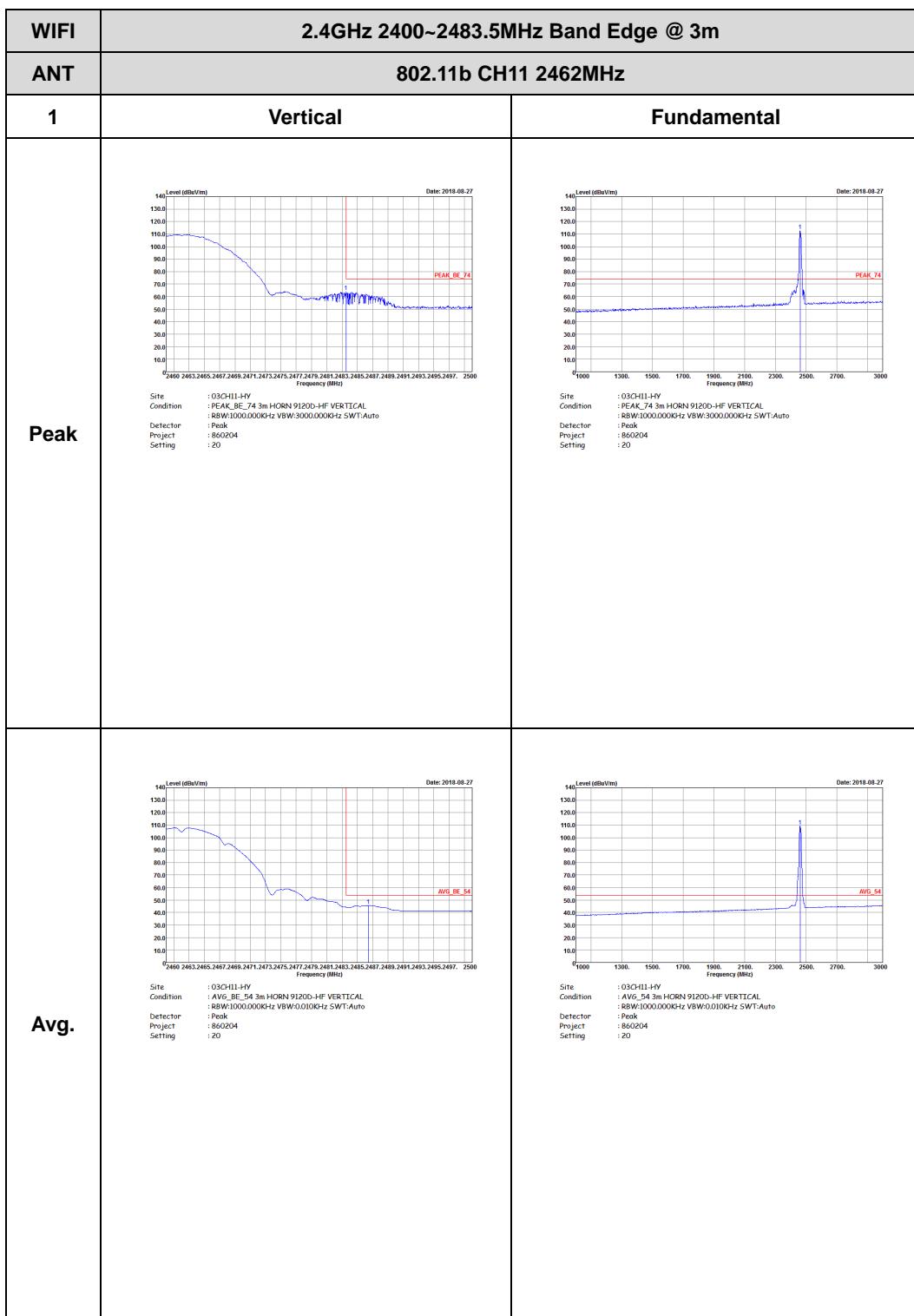
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH1-HY Condition : PCMK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 20.5	Left blank
Avg.	 Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 20.5	Left blank

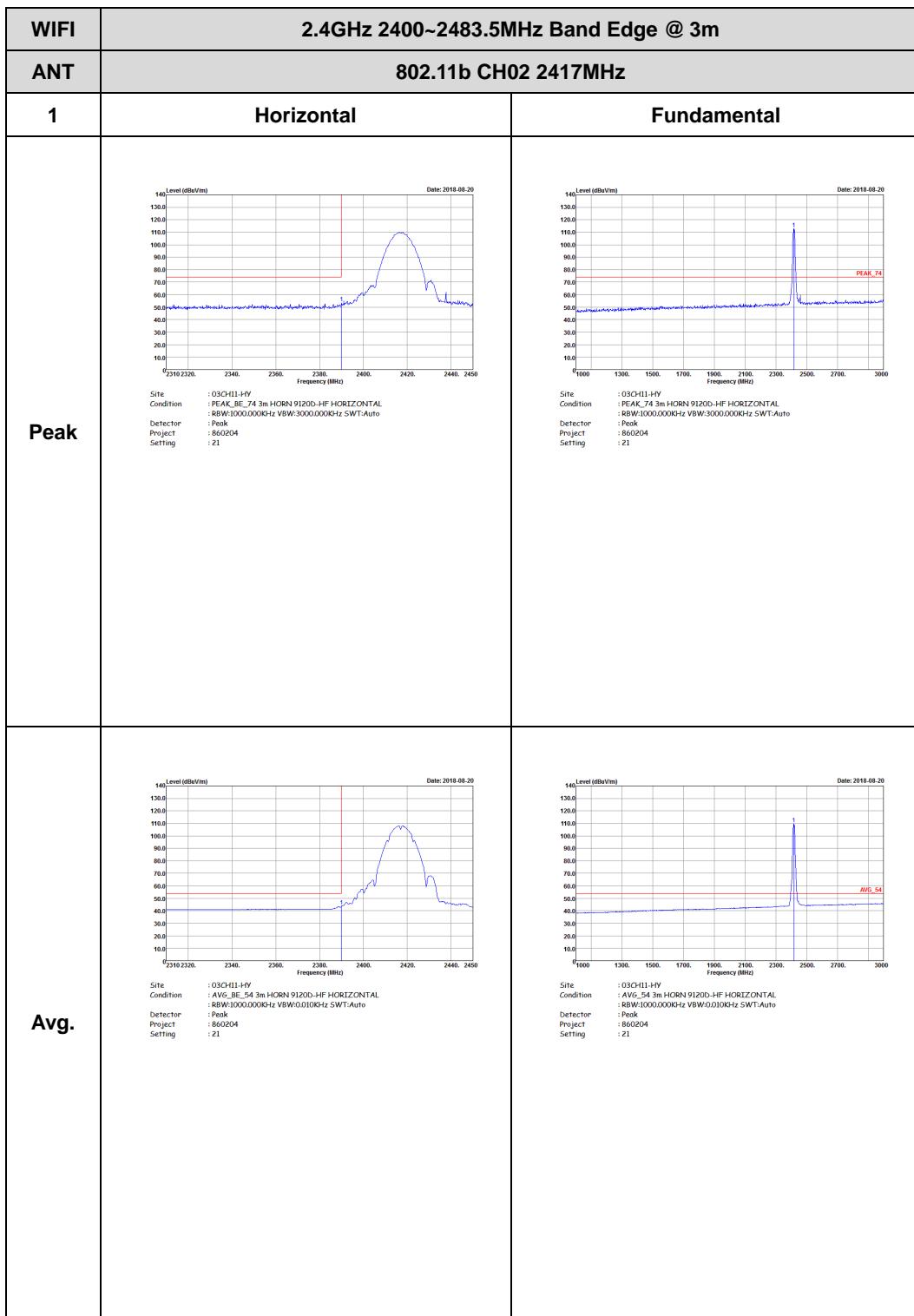


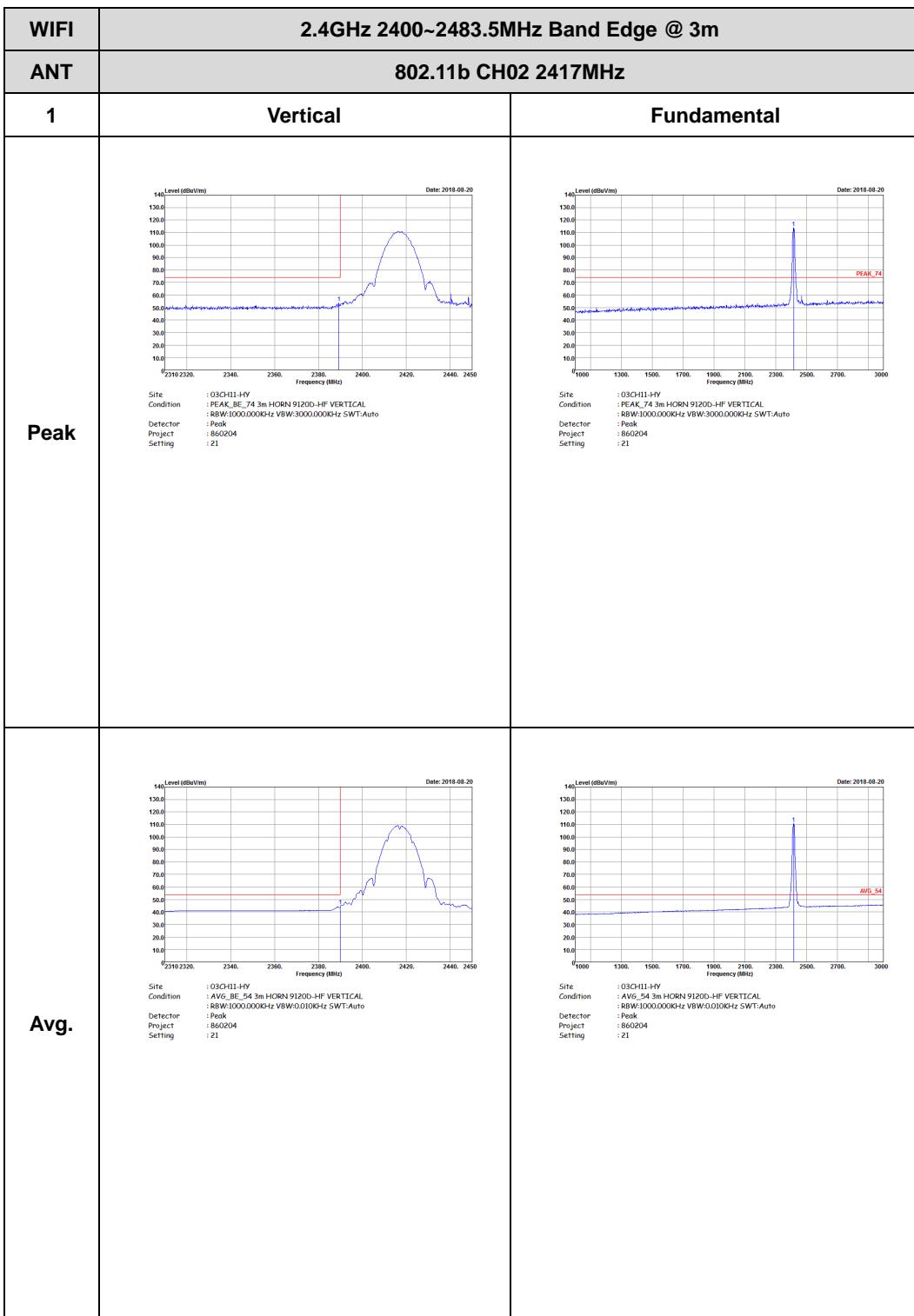


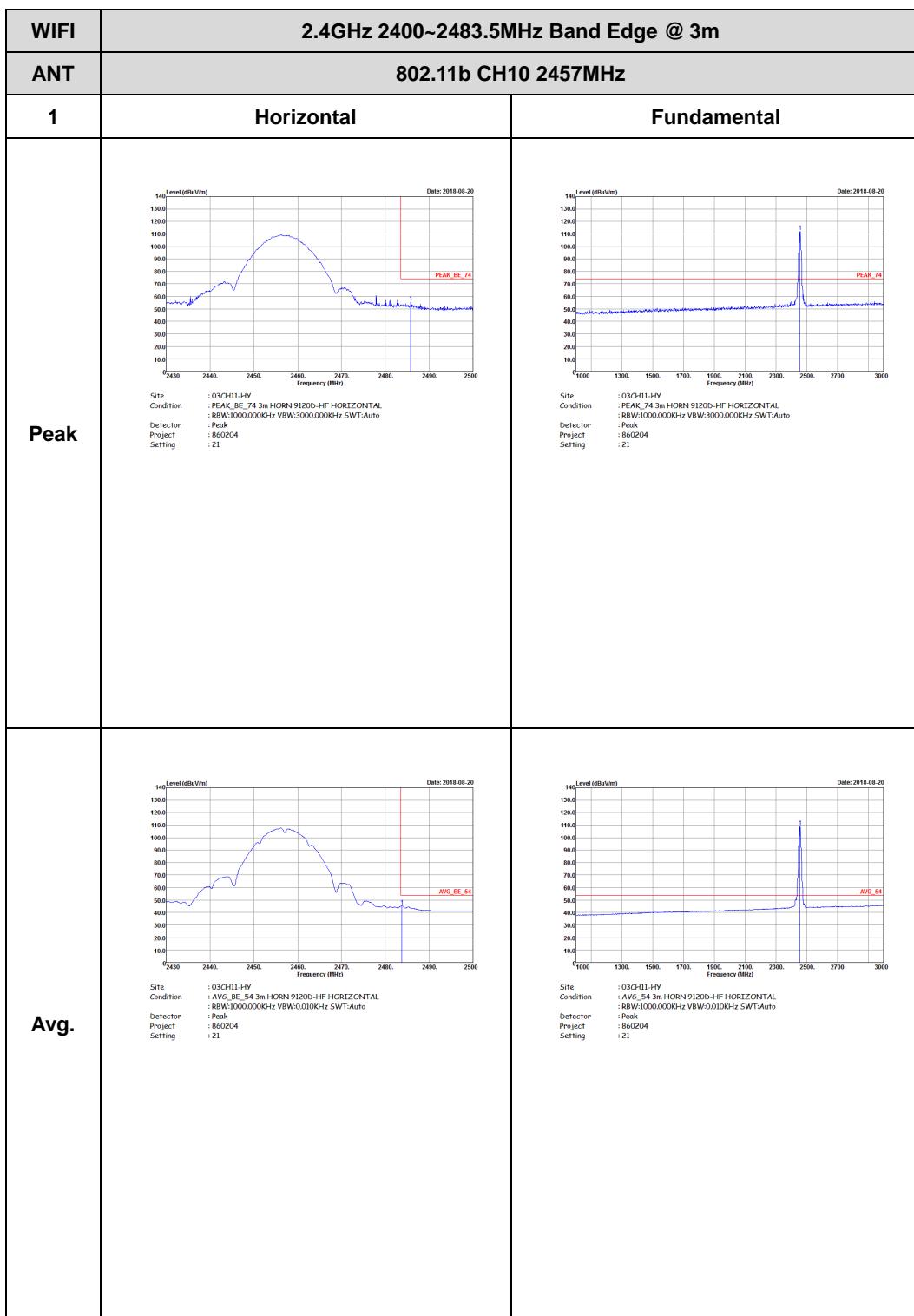
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-29</p> <p>Site : 03CH1-HY Condition : PCMK_BE_74 3m HORN 9120D-HF VERTICAL Detector : R8W1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 20.5</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-29</p> <p>Site : AVG_BE_54 3m HORN 9120D-HF VERTICAL Condition : R8W1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 860204 Setting : 20.5</p>	Left blank

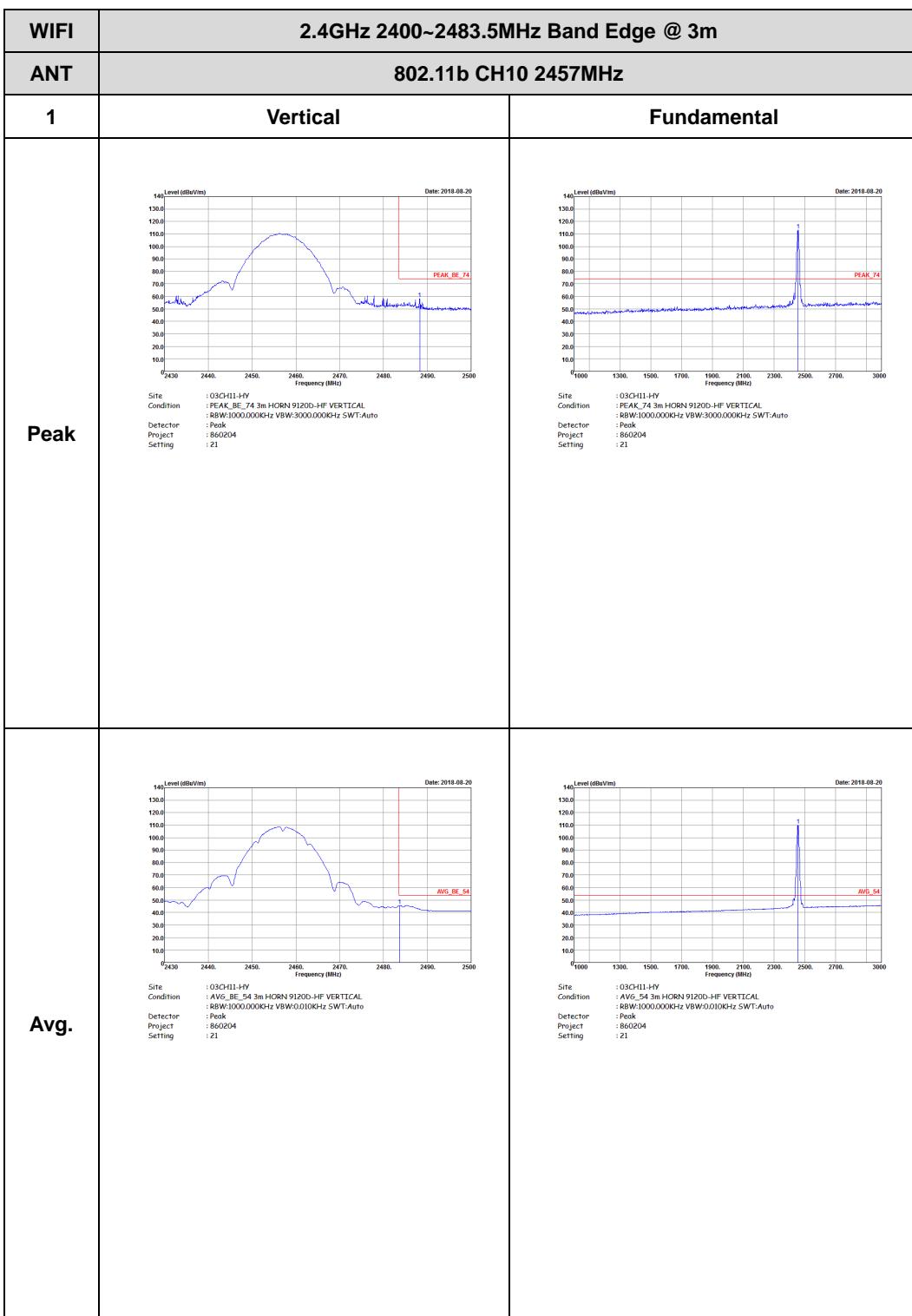








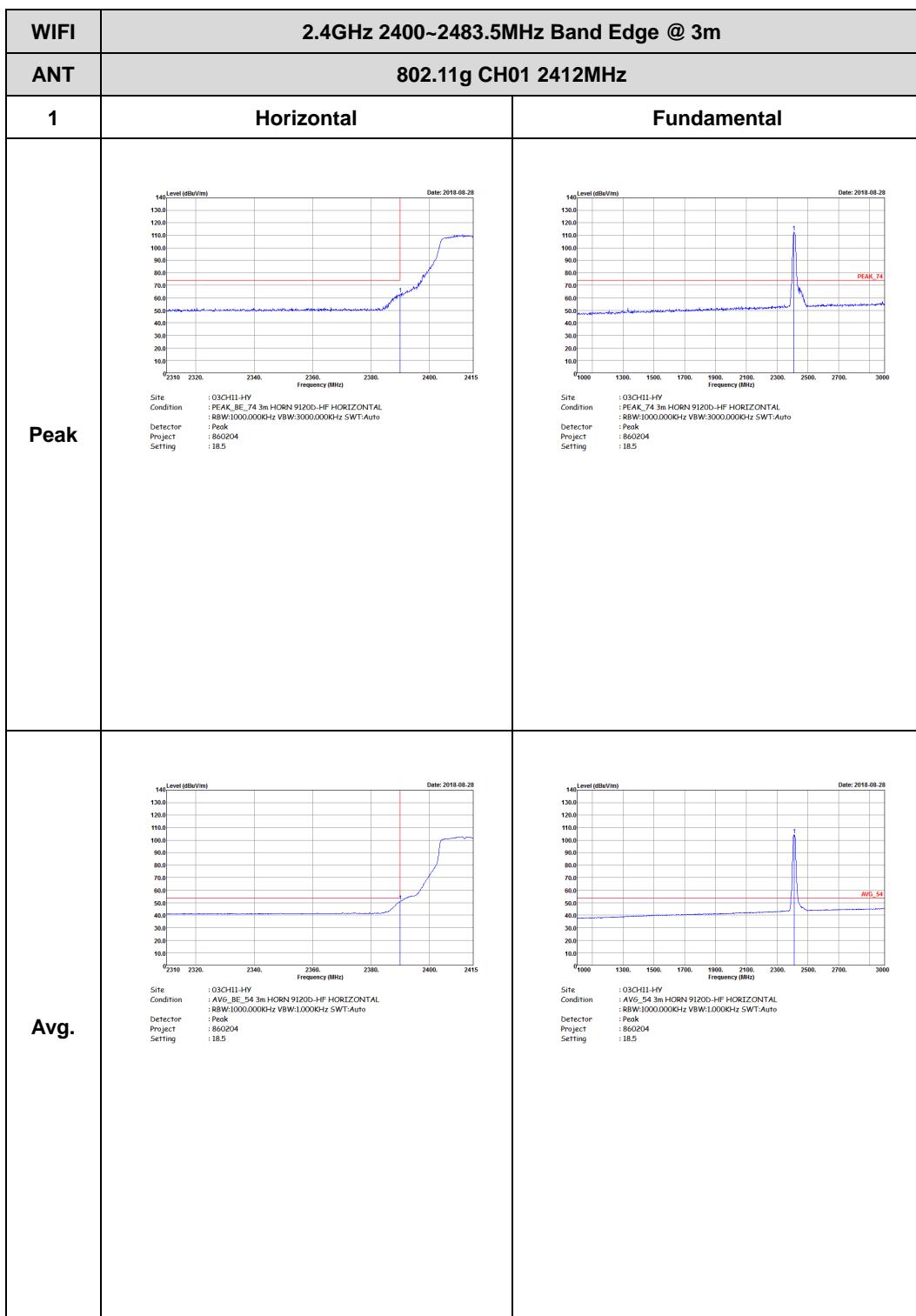


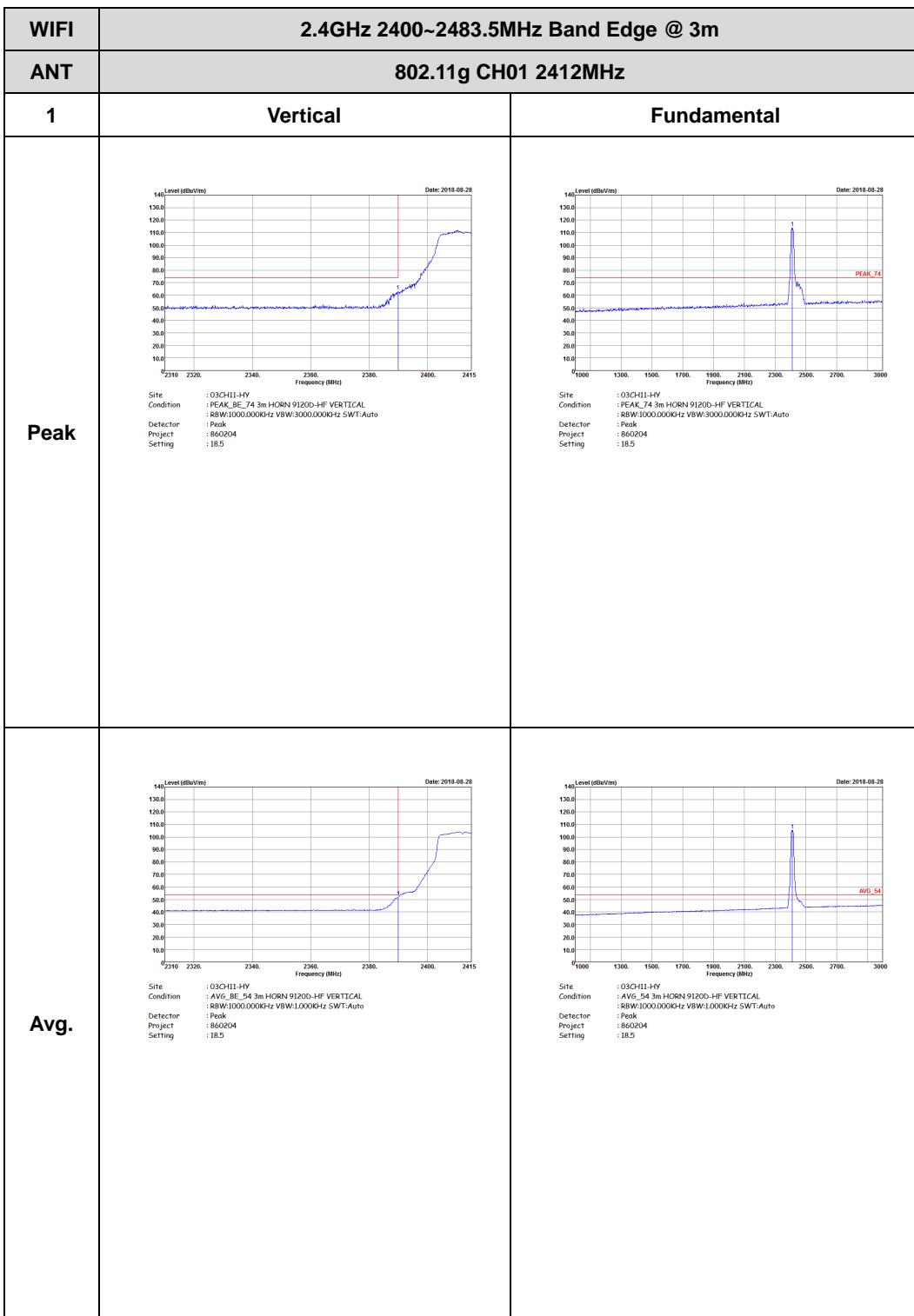


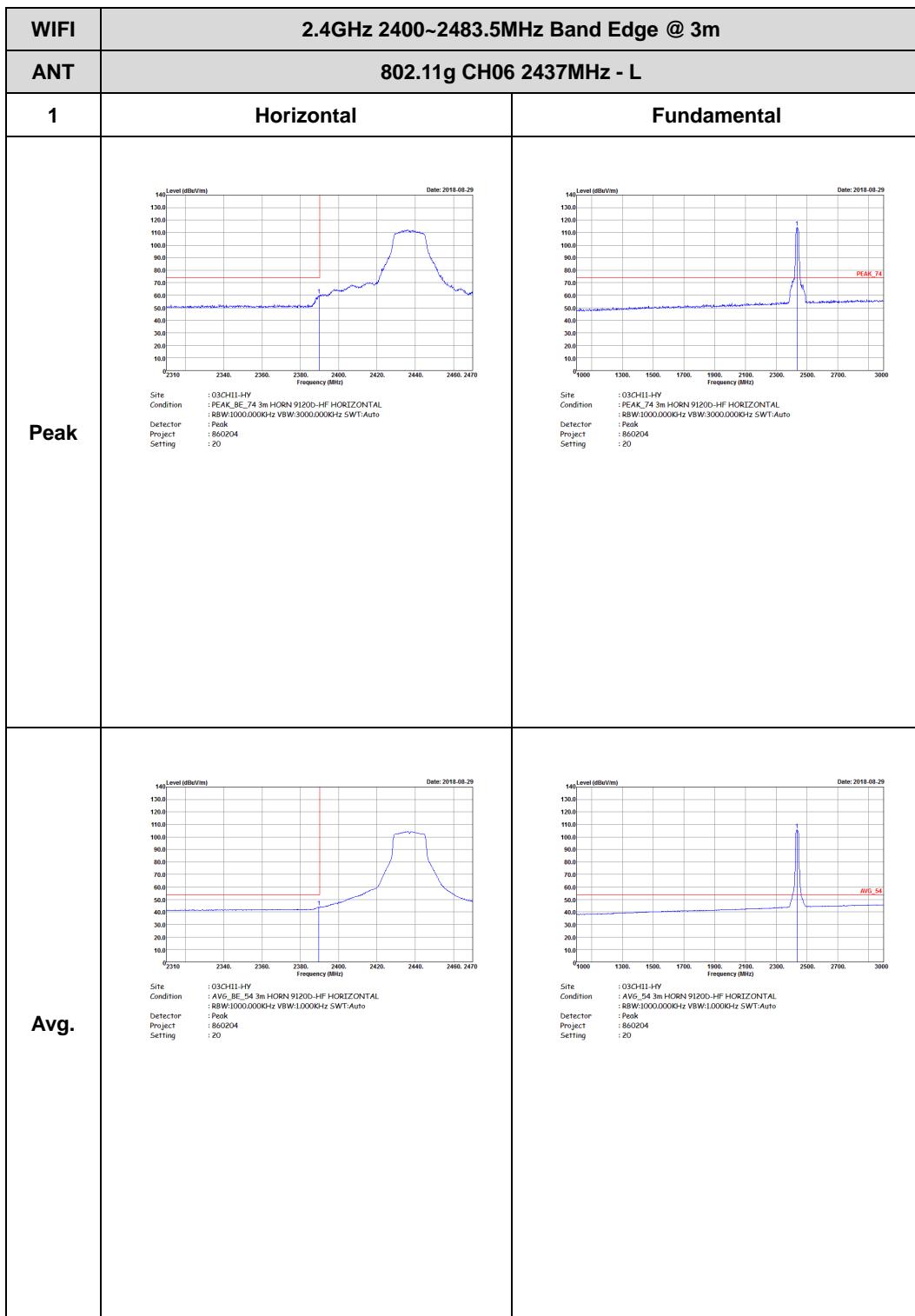


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

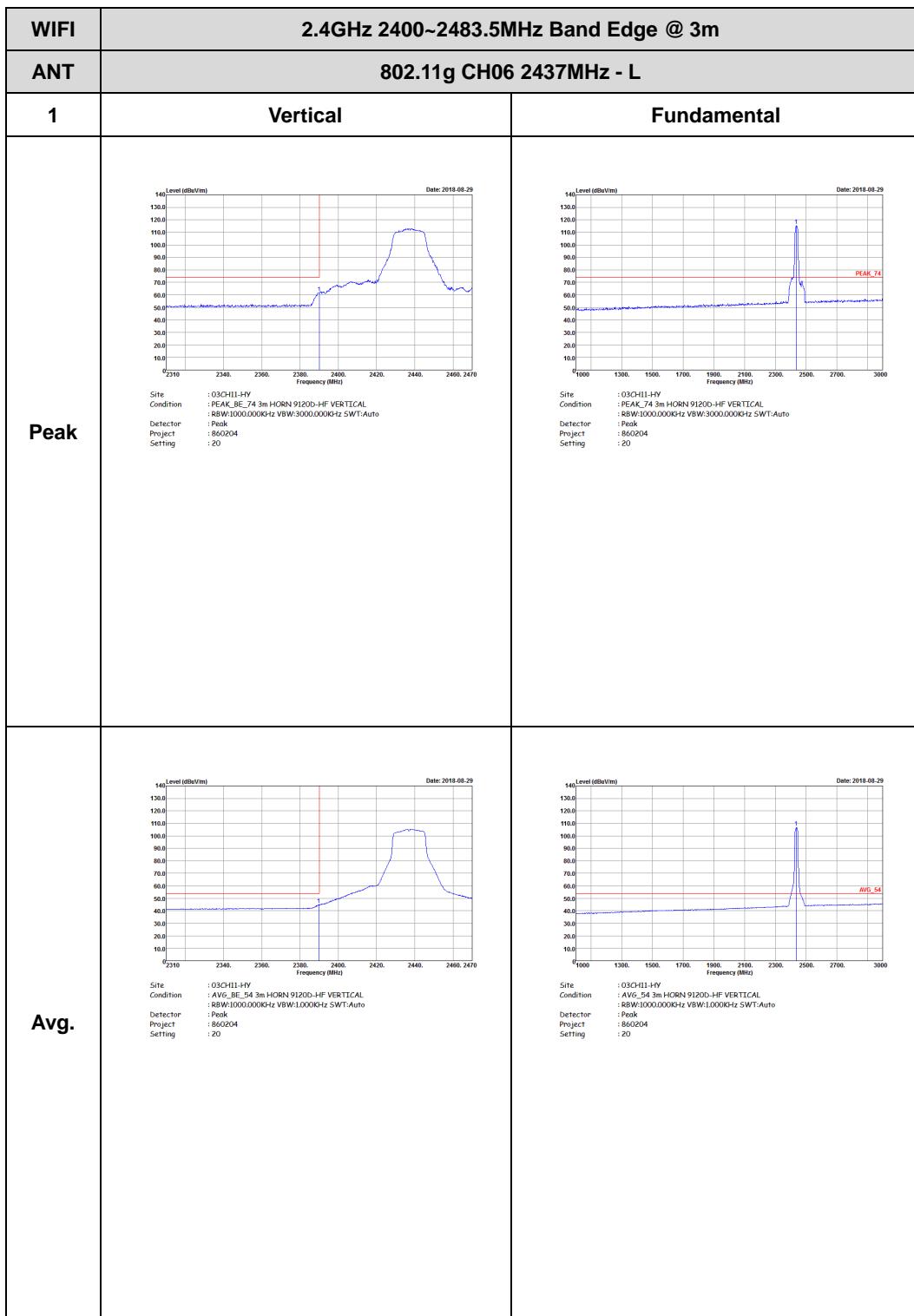






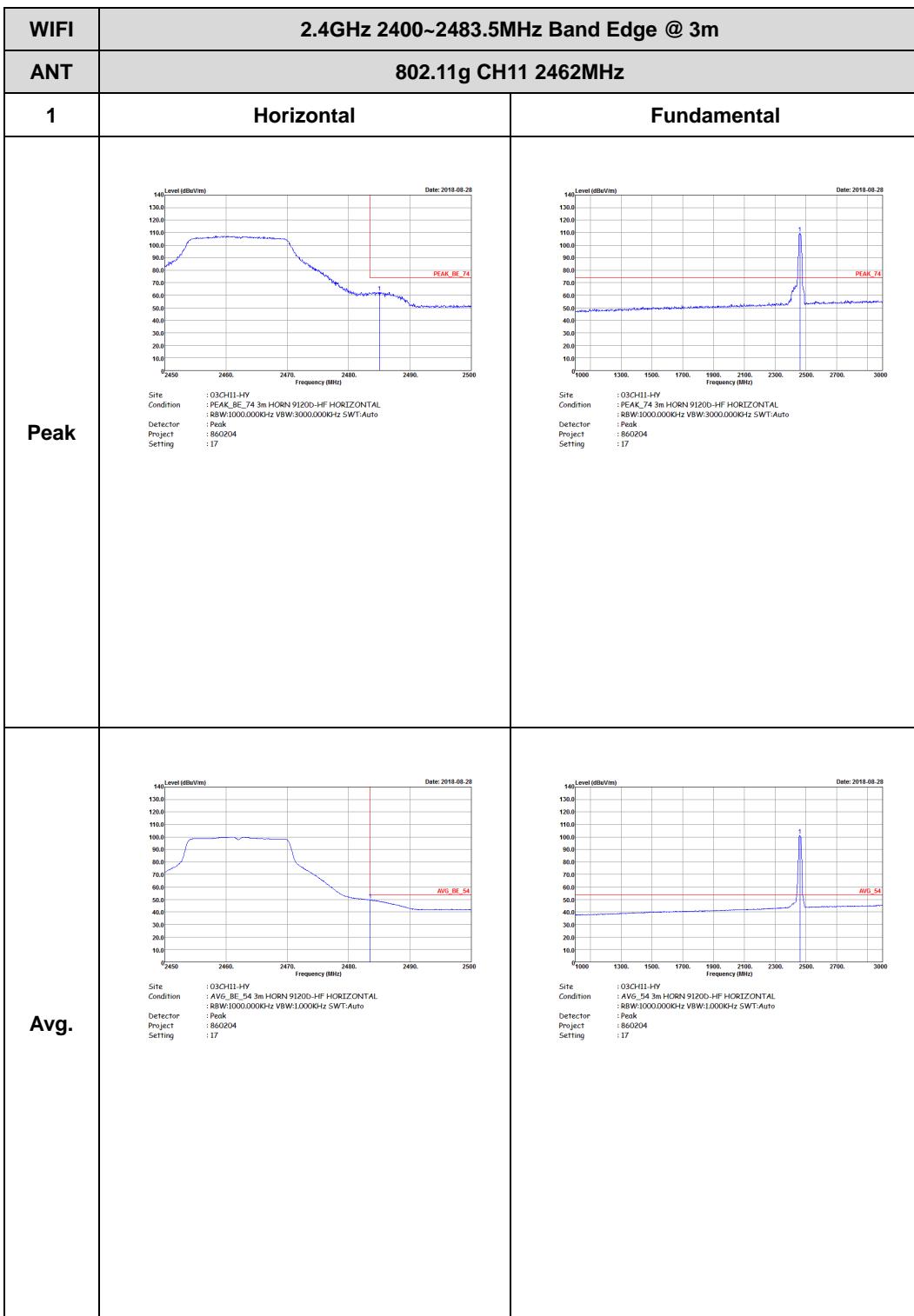


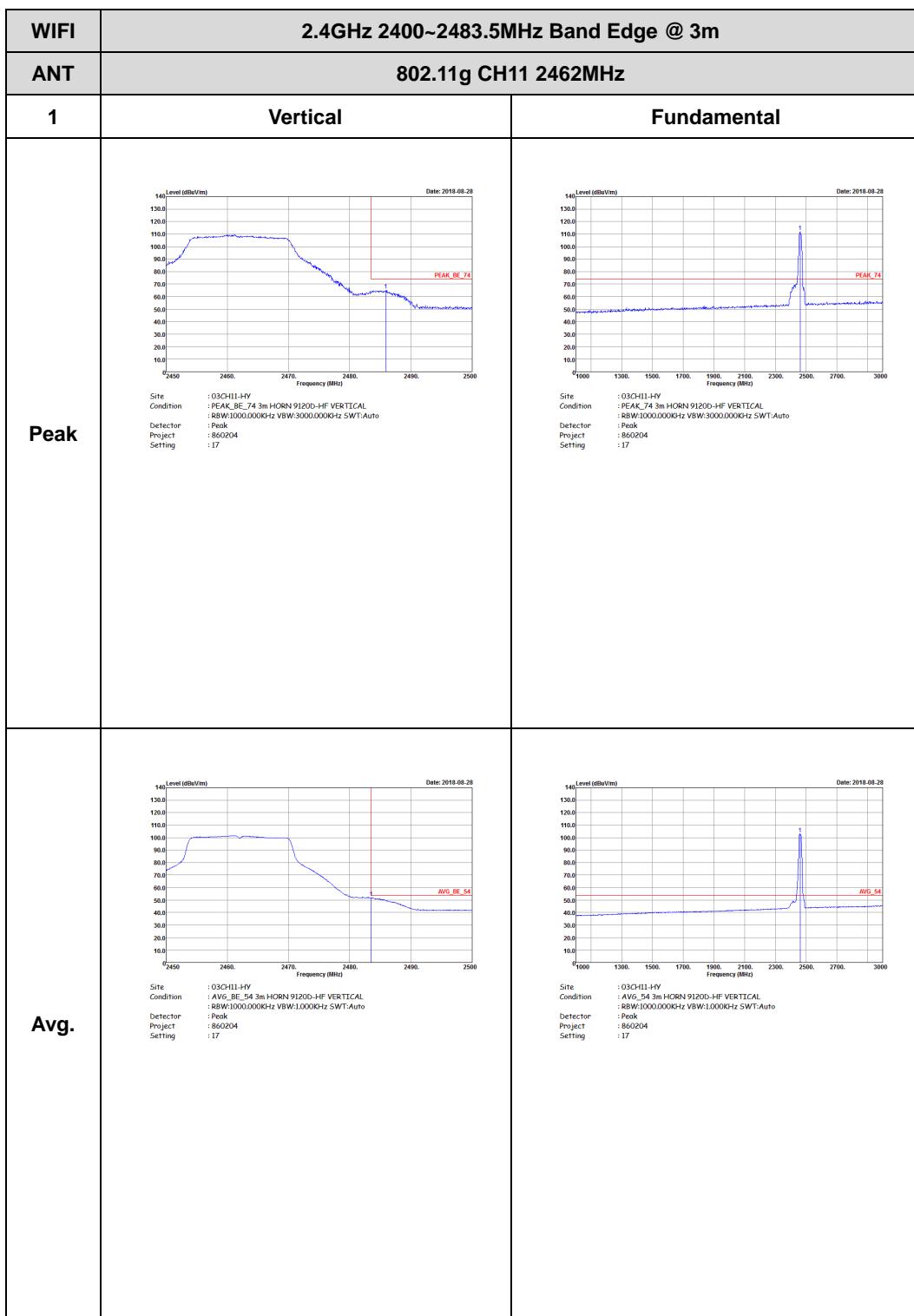
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH1-HY Condition : PCMC_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : 860204 Setting : 20</p>	Left blank
Avg.	<p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : 860204 Setting : 20</p>	Left blank

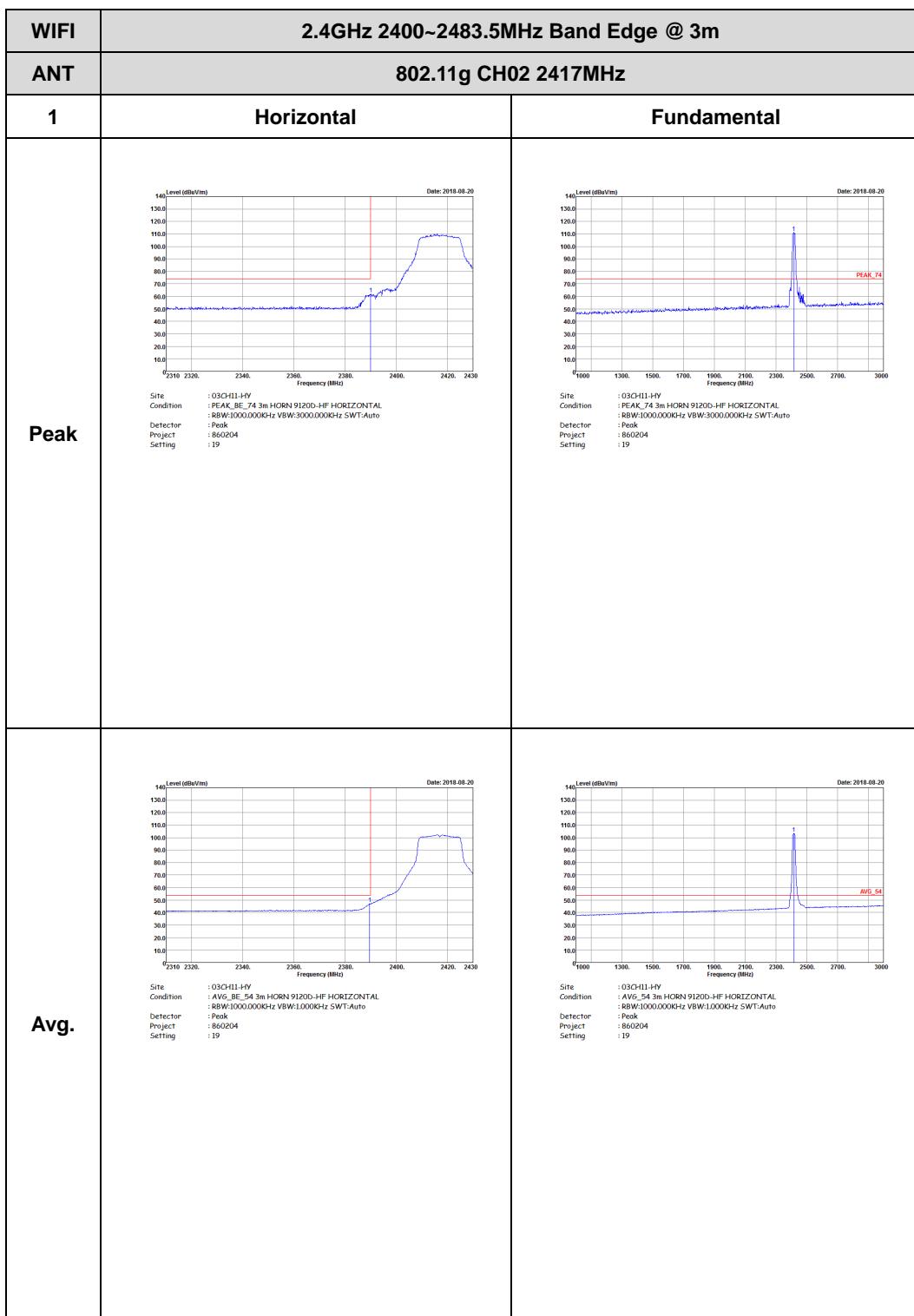


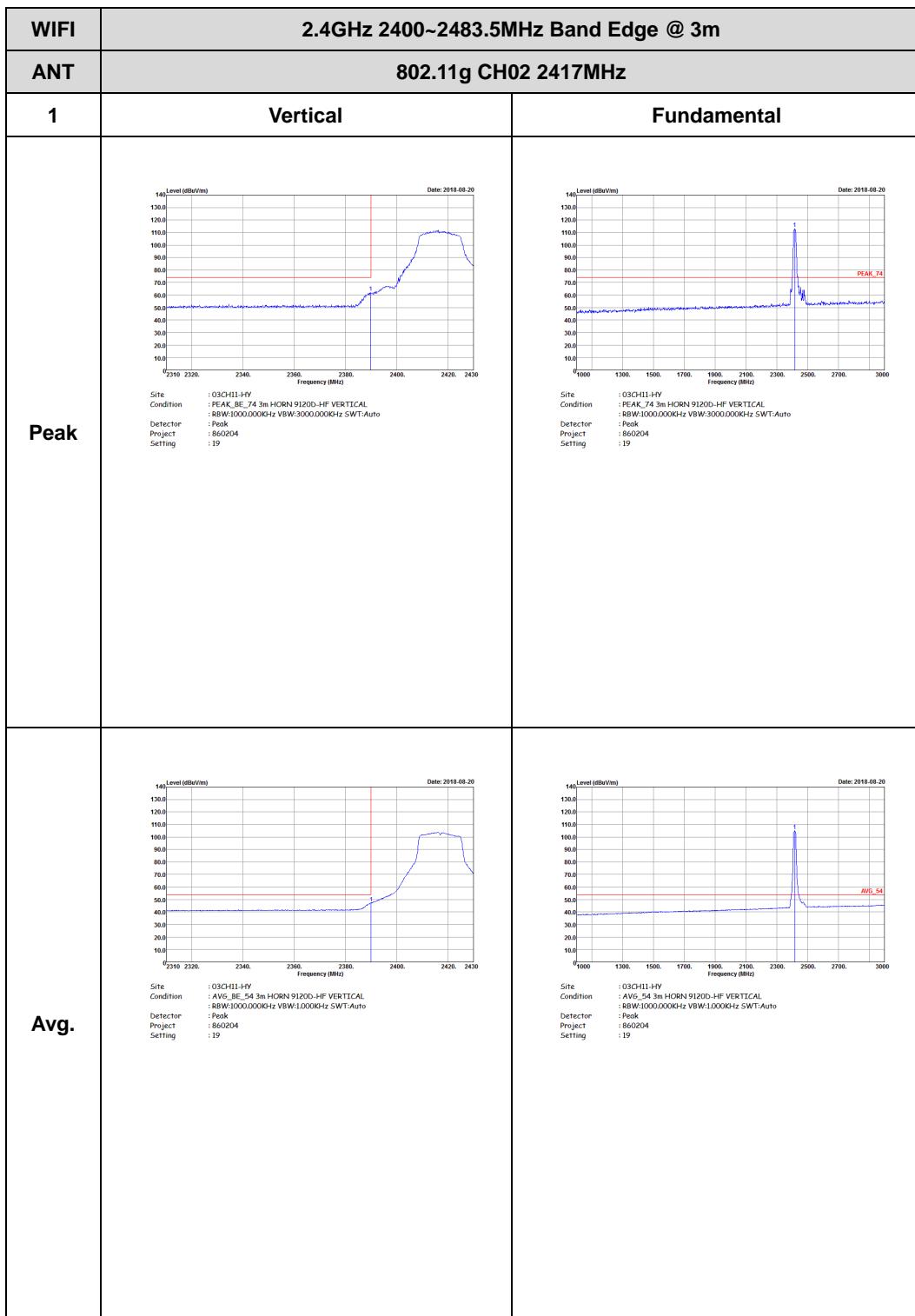


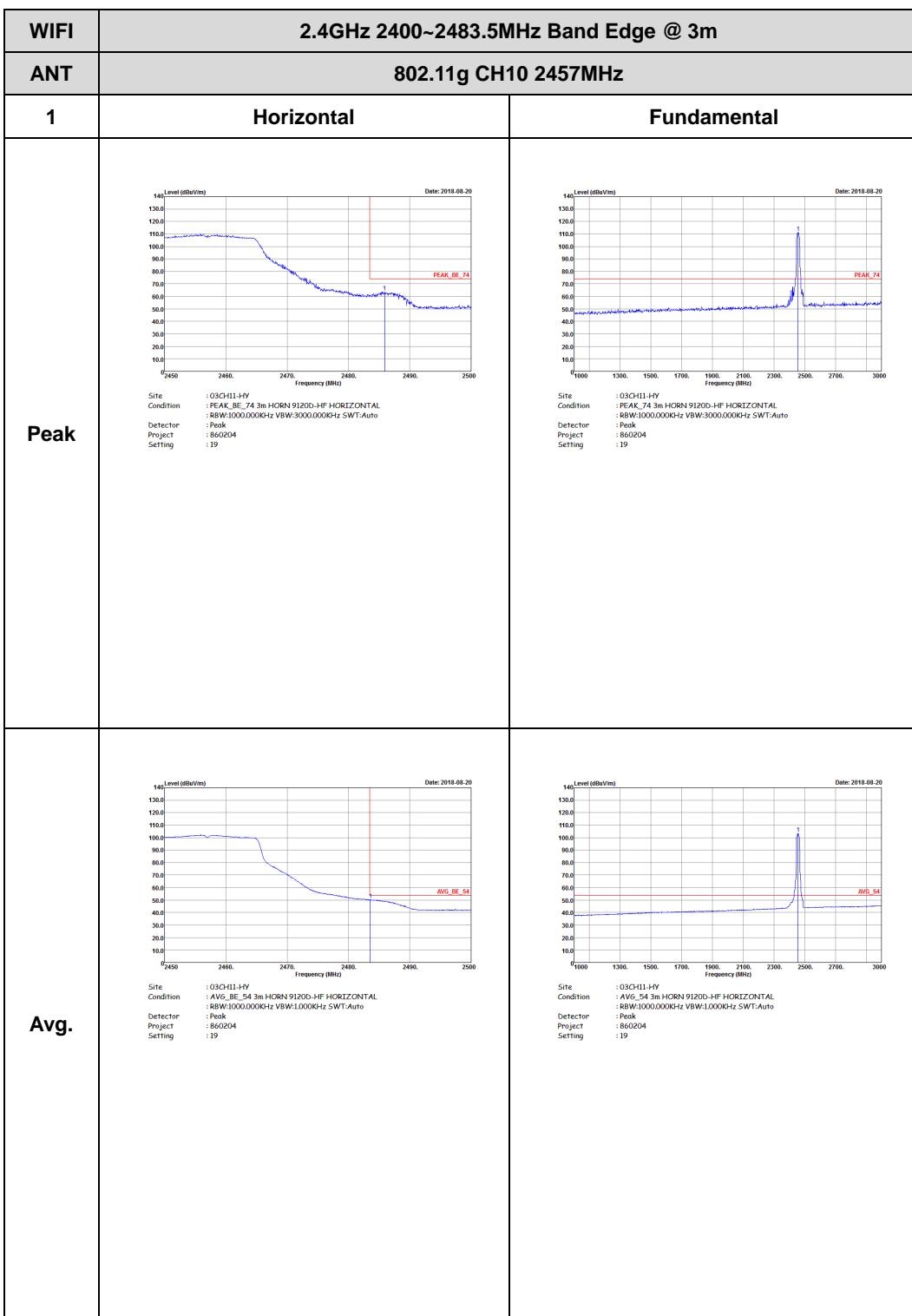
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH1-HY Condition : PCMK_BE_74 3m HORN 9120D-HF VERTICAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : 860204 Setting : 20</p>	Left Blank
Avg.	<p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : 860204 Setting : 20</p>	Left Blank

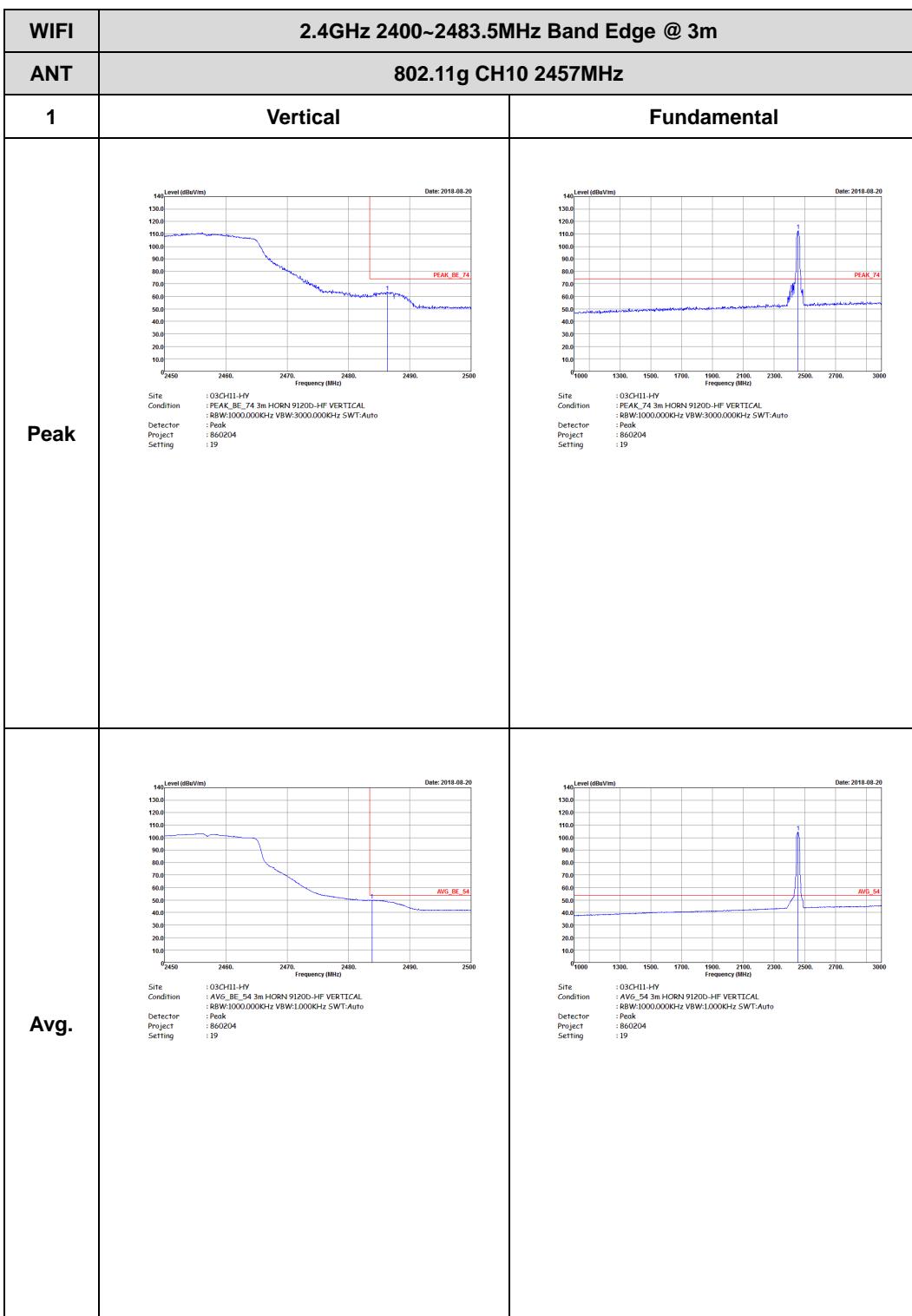










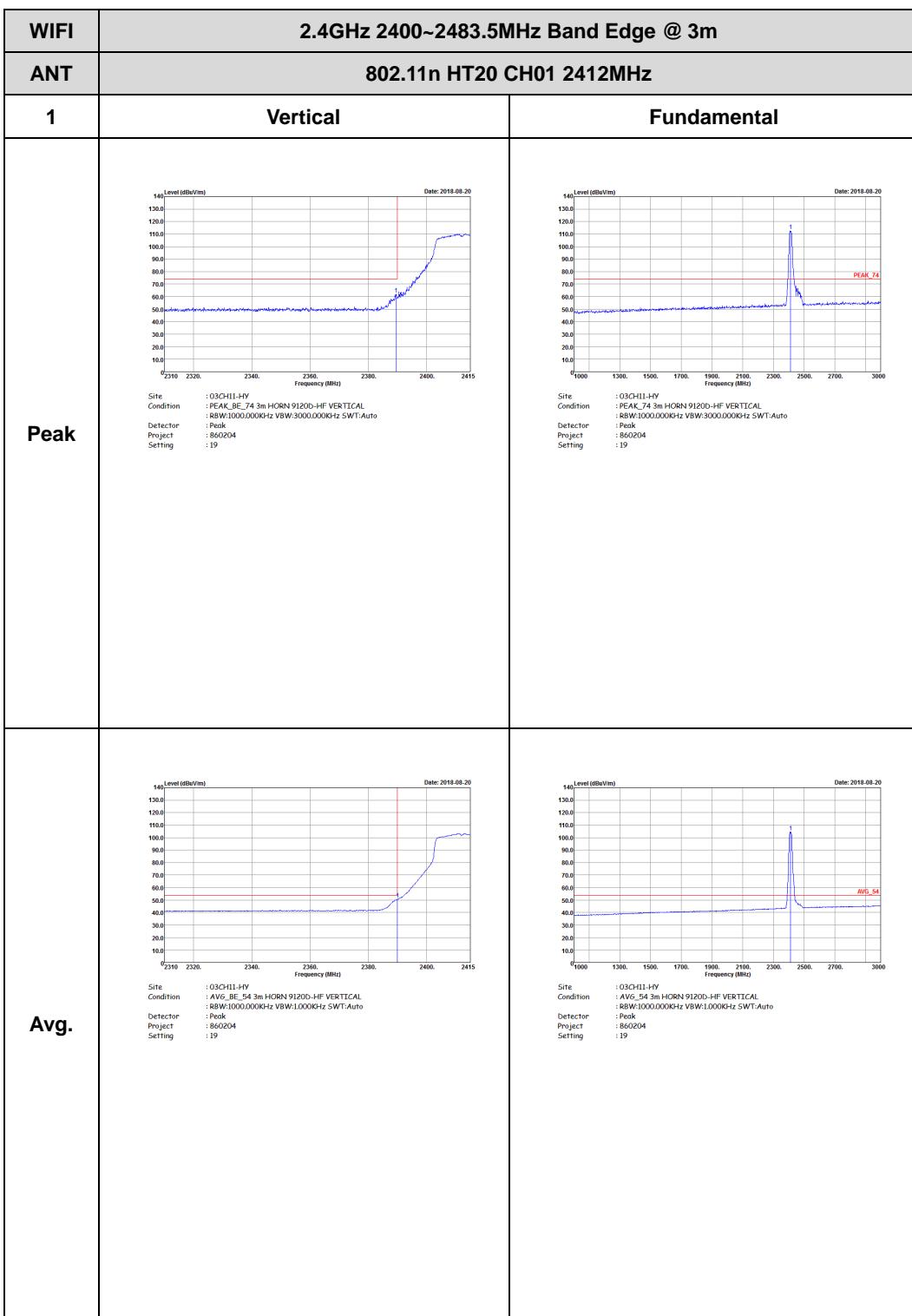




2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 860204 Setting : 19	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 860204 Setting : 19
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:1.000Hz SWT:Auto Project : 860204 Setting : 19	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:1.000Hz SWT:Auto Project : 860204 Setting : 19

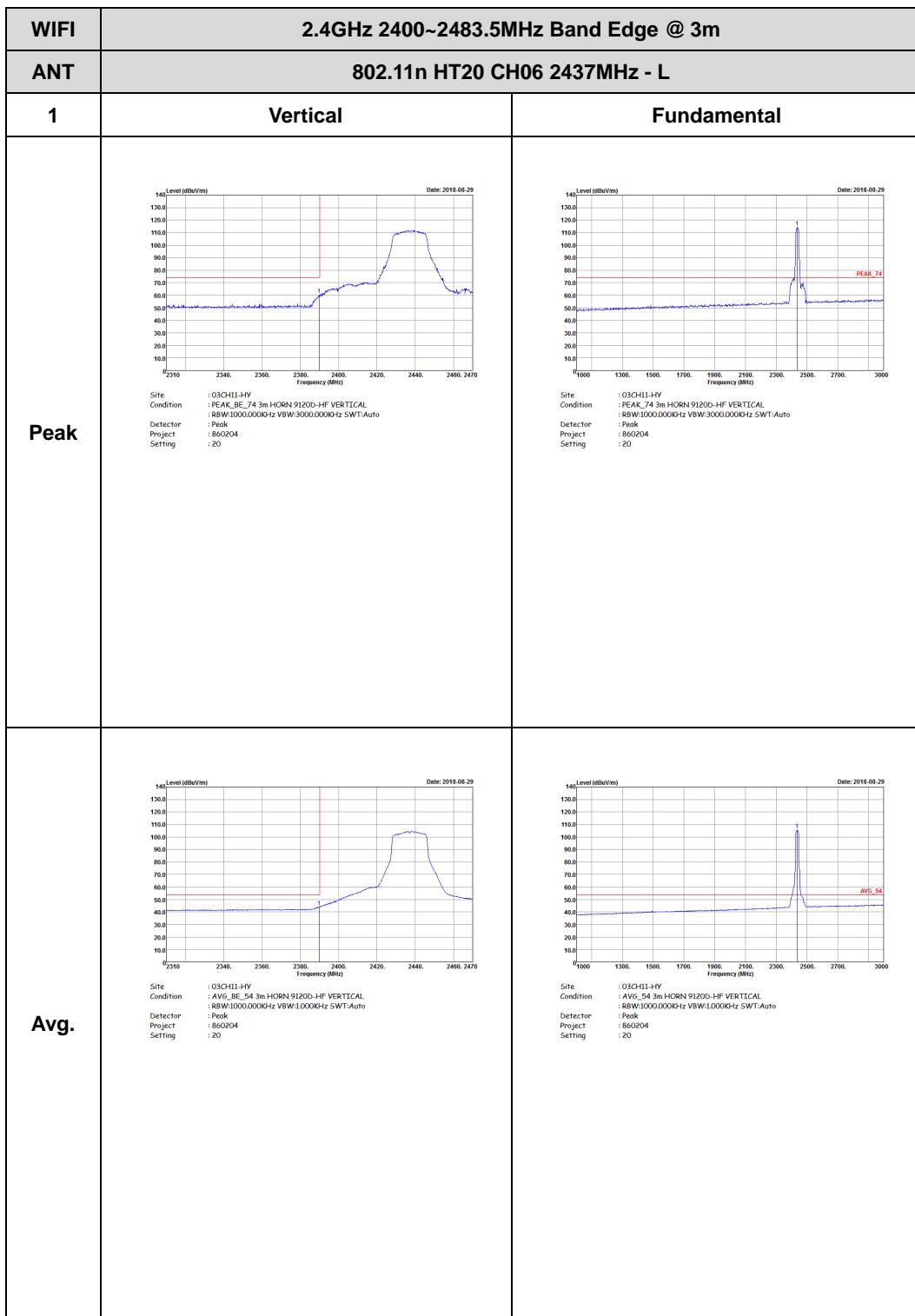




WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PCAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 860204 Setting : 20	 Site : 03CH11-HY Condition : PCAK_74 3m HORN 91200-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 860204 Setting : 20
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:1.000KHz SWT:Auto Project : 860204 Setting : 20	 Site : 03CH11-HY Condition : AVG_54 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 860204 Setting : 20

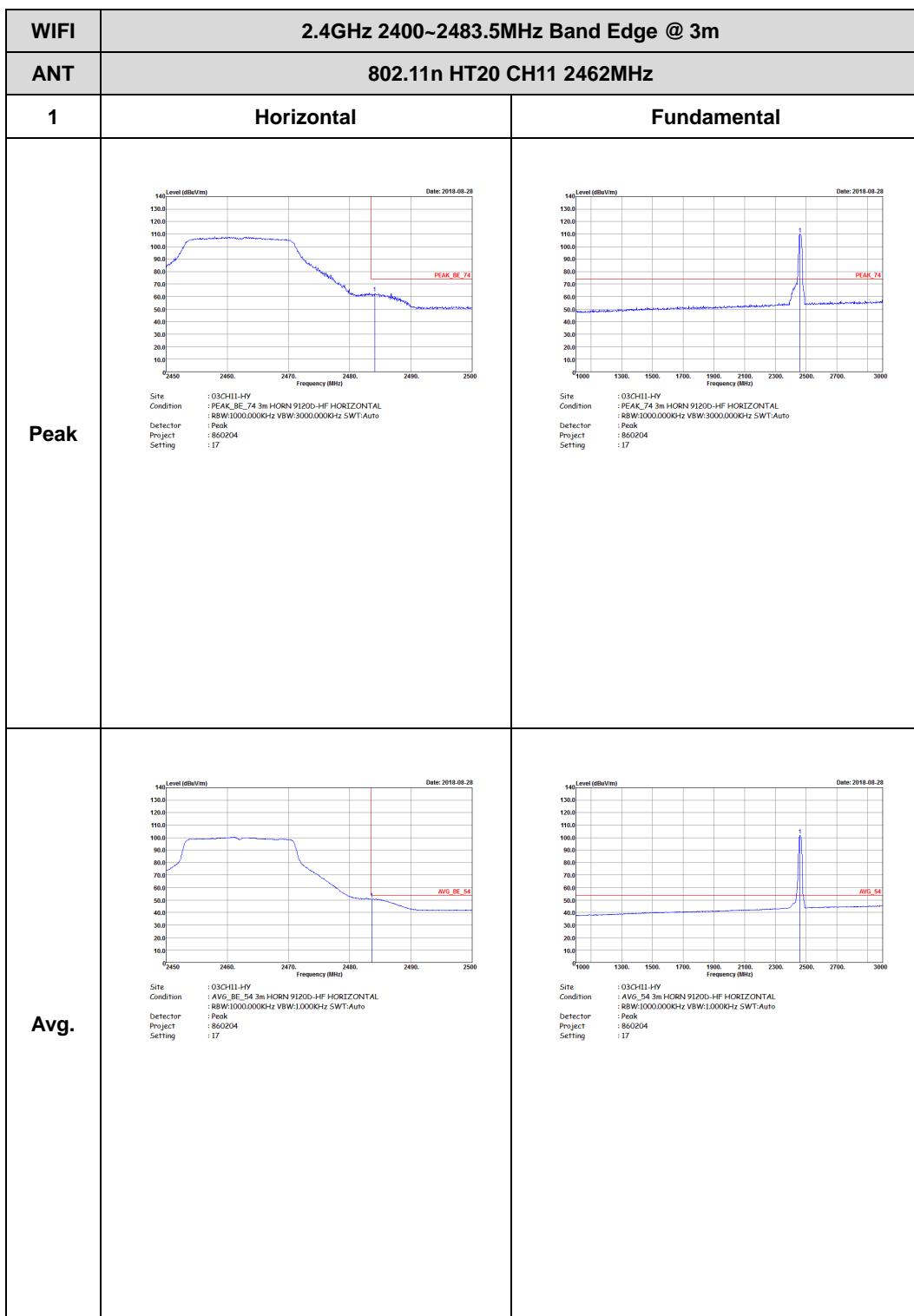


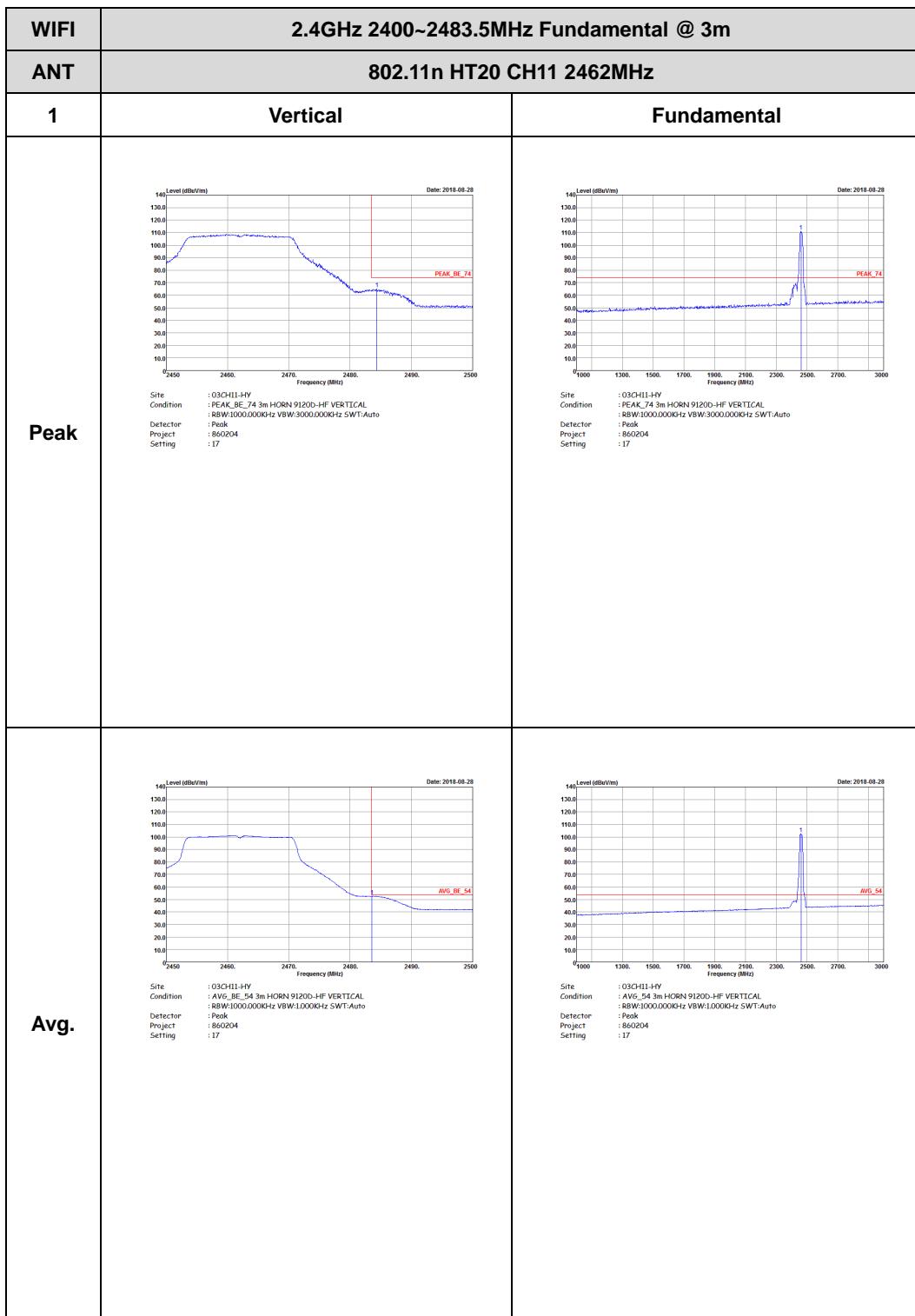
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH1-HY Condition : PCMC_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : 860204 Setting : 20</p>	Left blank
Avg.	<p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : 860204 Setting : 20</p>	Left blank

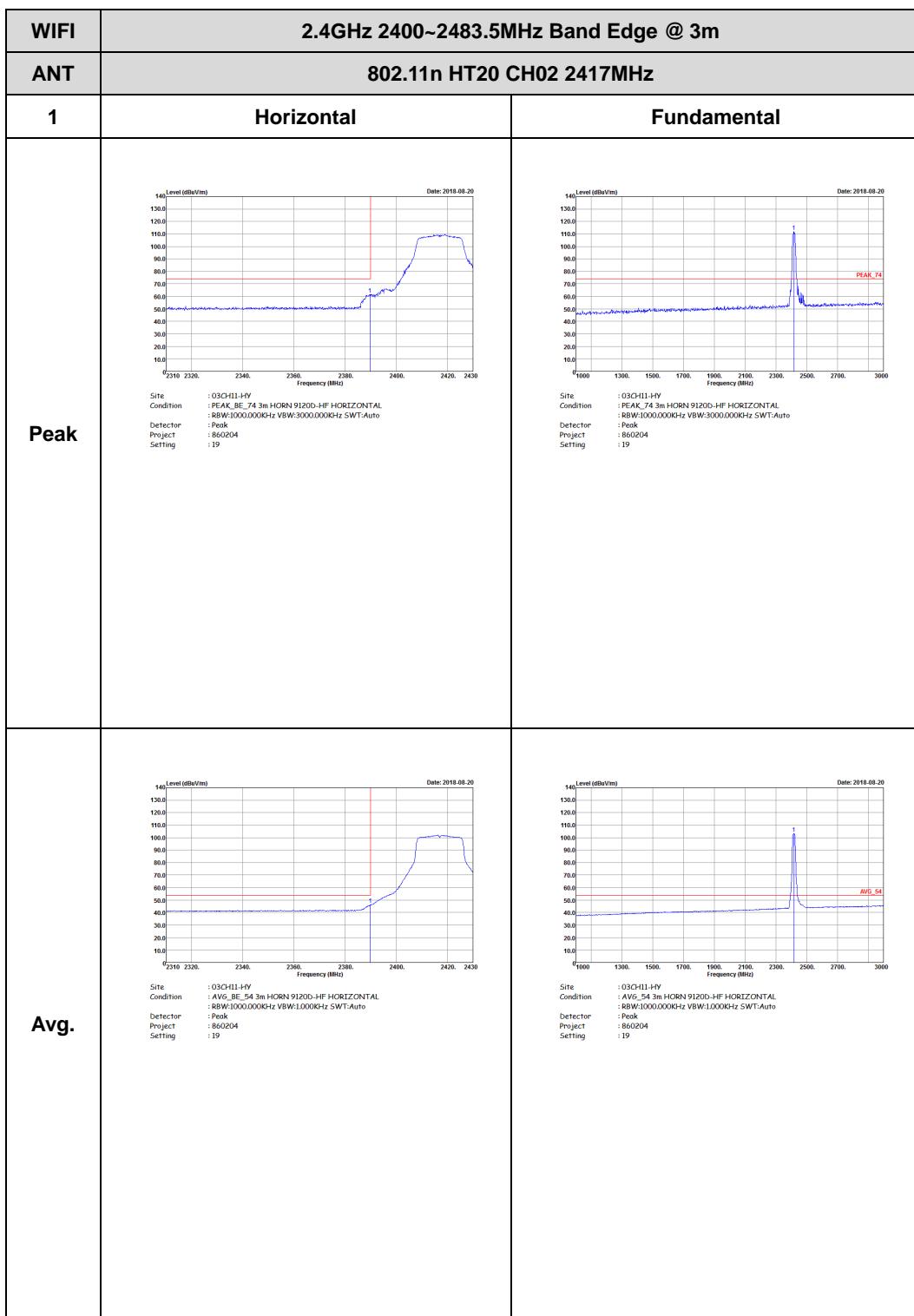


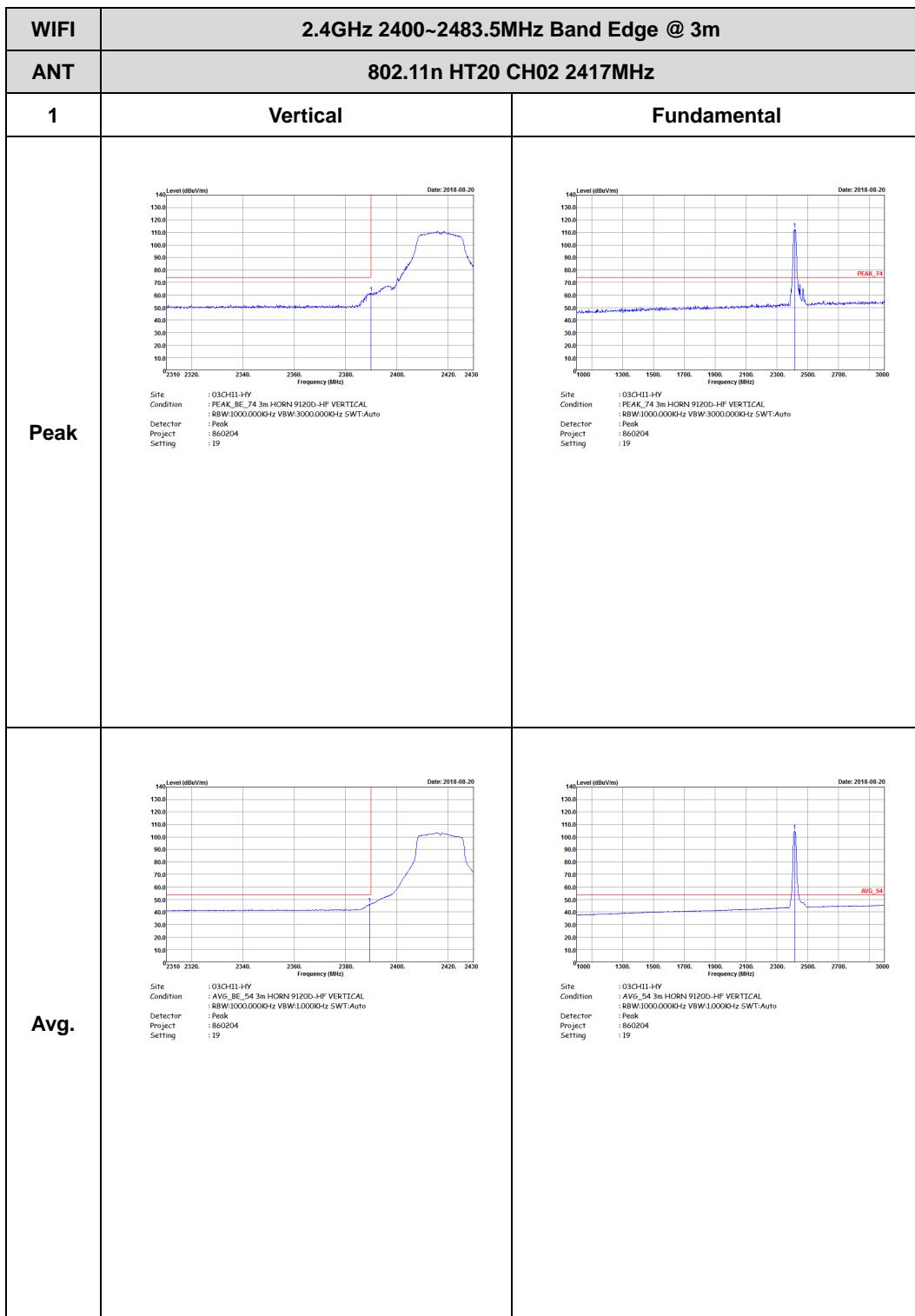


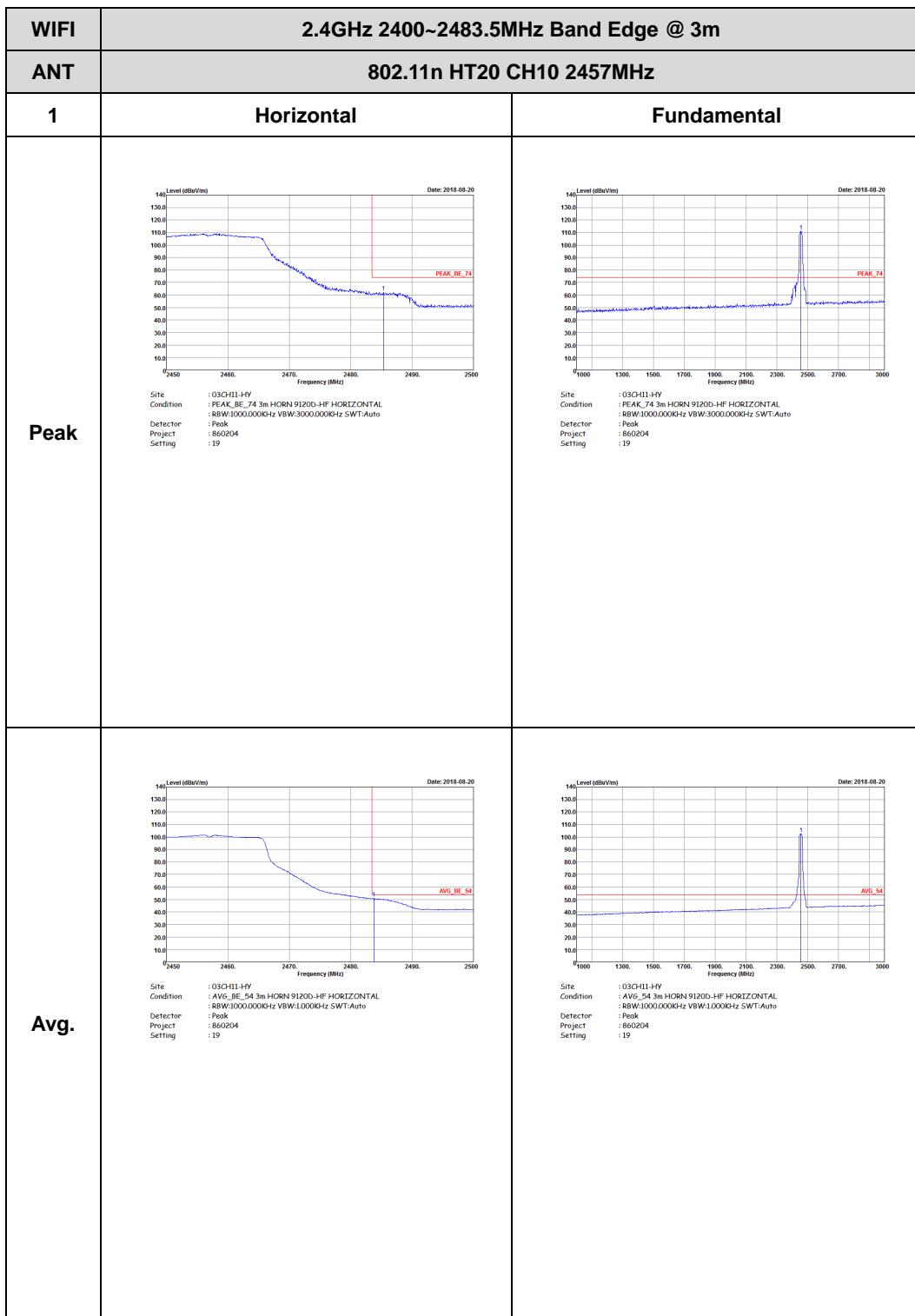
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH1-HY Condition : PCMK_BE_74 3m HORN 9120D-HF VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 860204 Setting : 20</p>	Left Blank
Avg.	<p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : R8W:1000.000KHz VBW:1.000KHz SWT:Auto Project : 860204 Setting : 20</p>	Left Blank

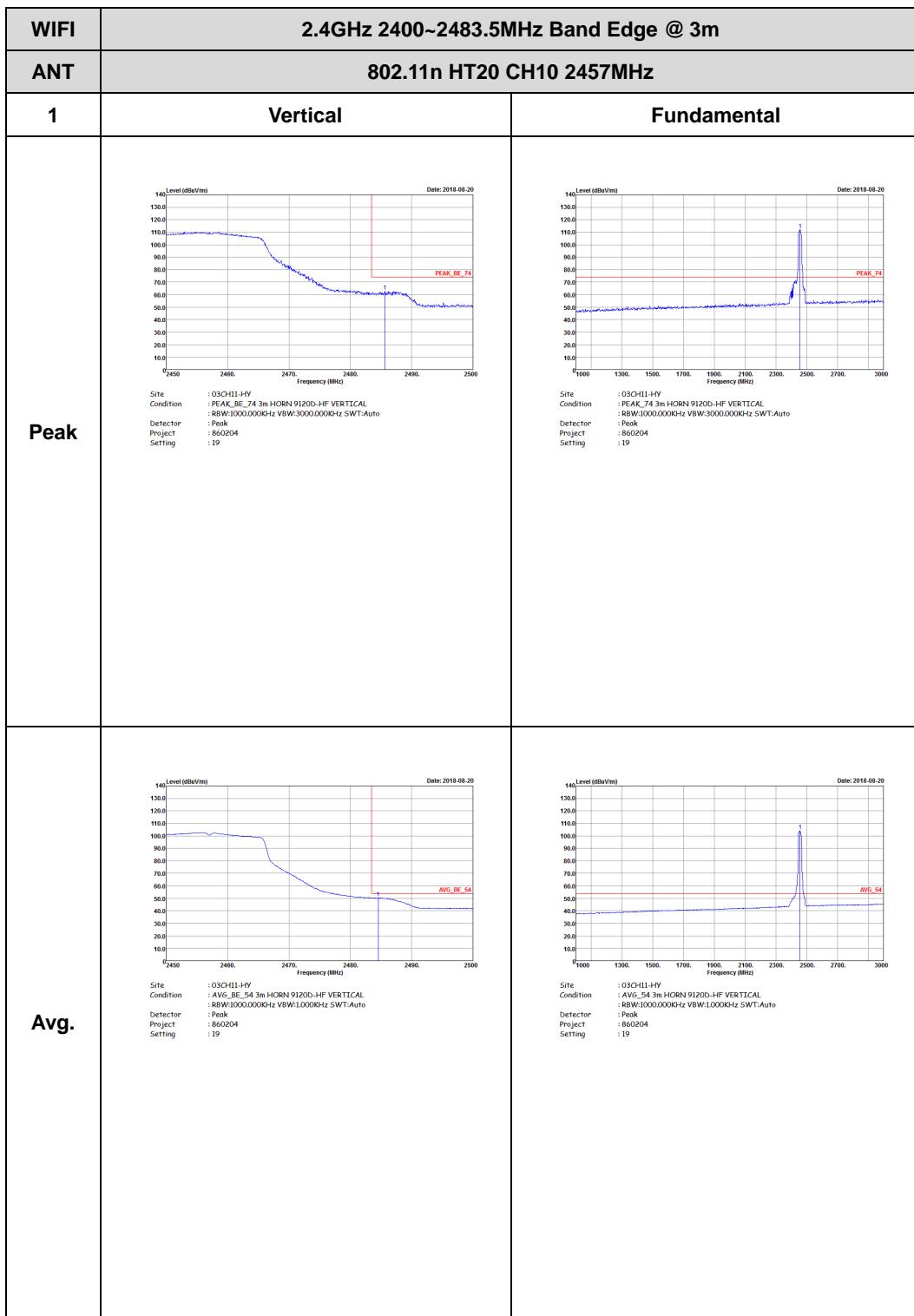














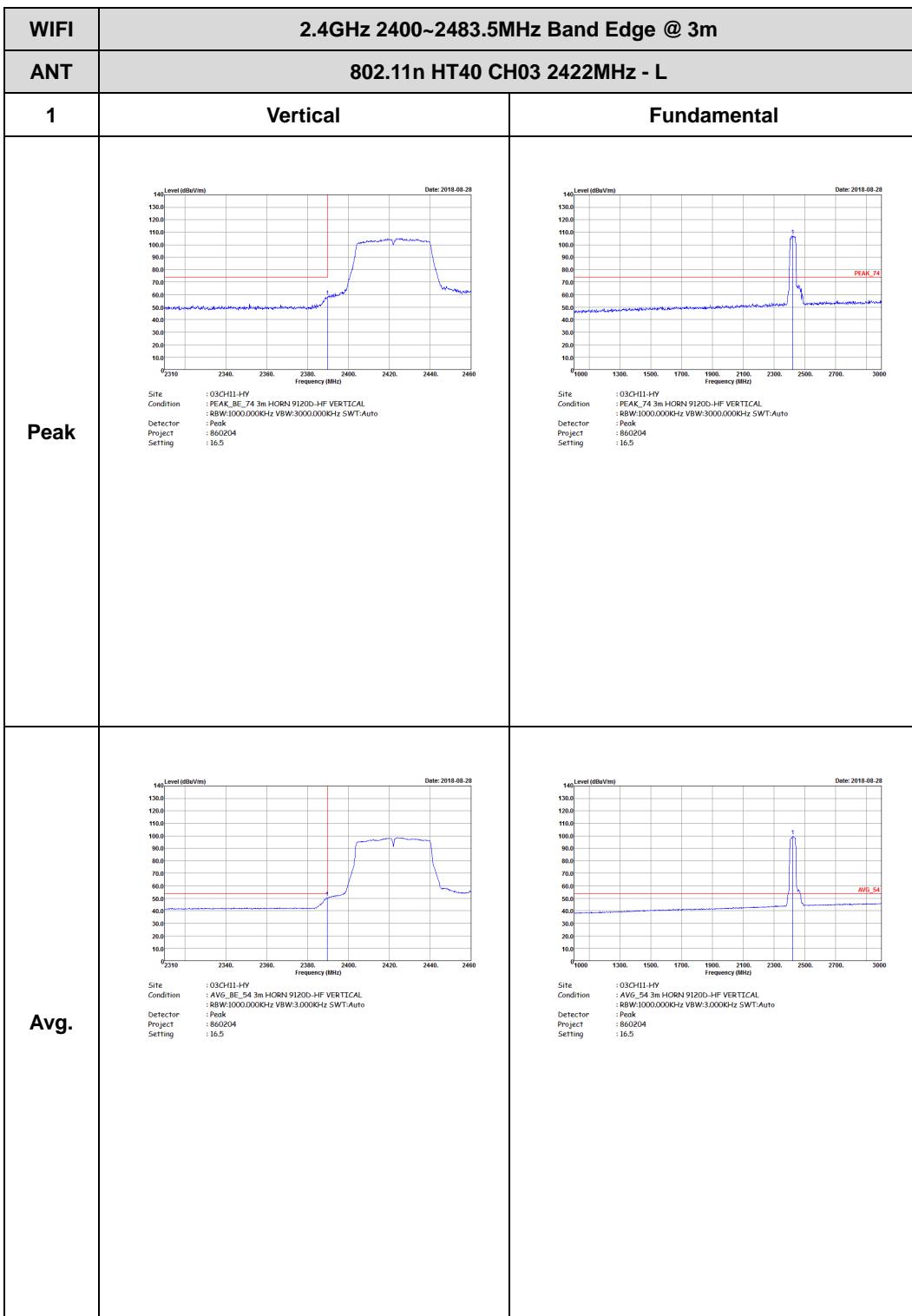
2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

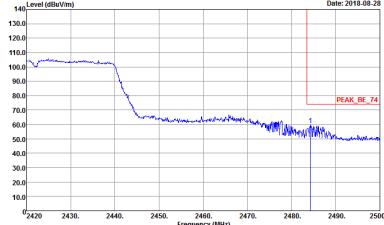
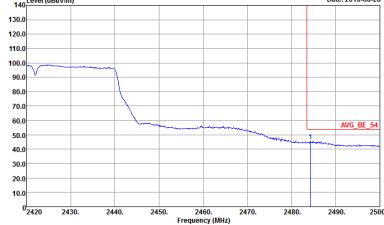
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 860204 Setting : 16.5	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 860204 Setting : 16.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000Hz SWT:Auto Project : 860204 Setting : 16.5	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000Hz SWT:Auto Project : 860204 Setting : 16.5

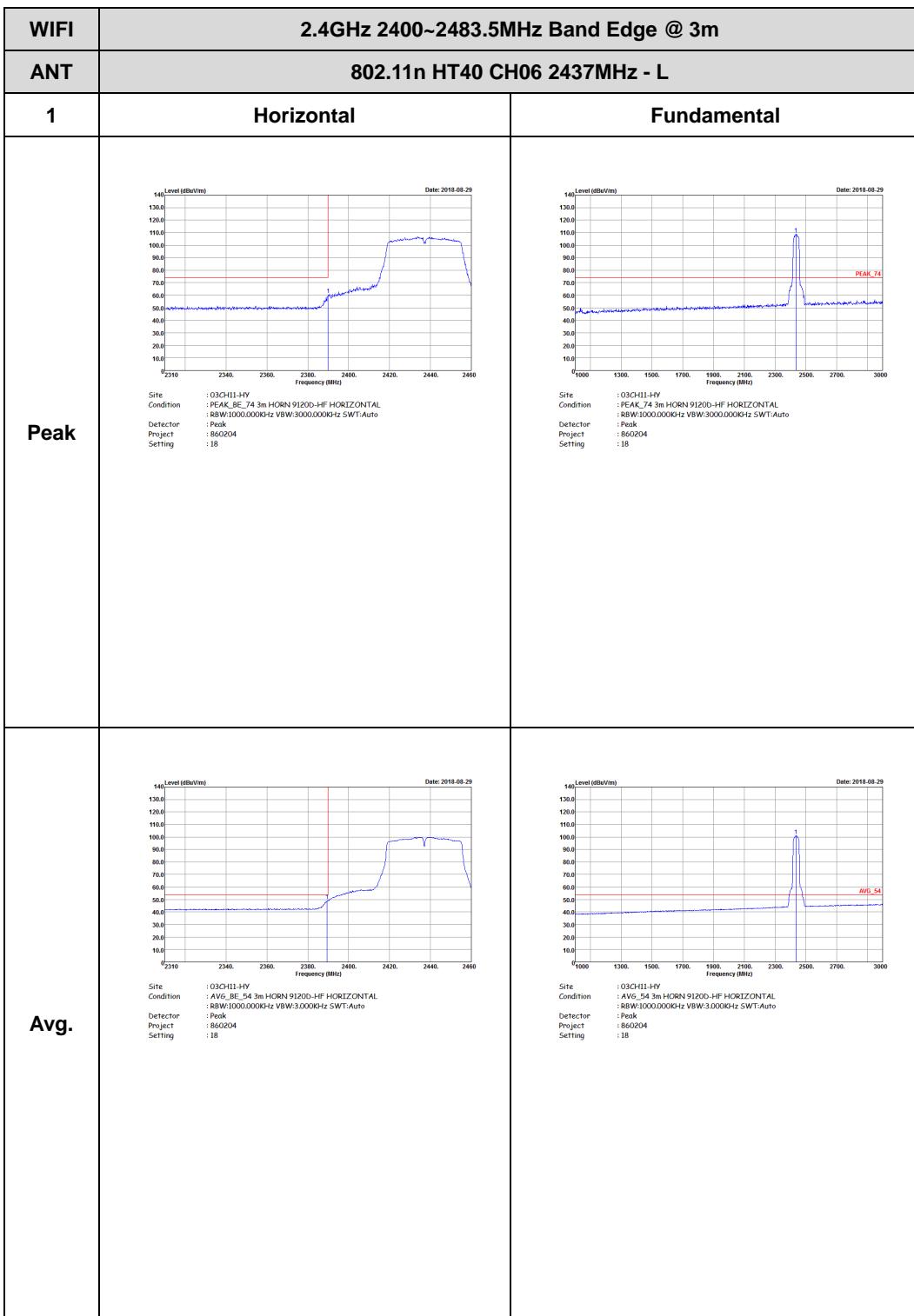


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 860204 Setting : 16.5	Left Blank
Avg.	 Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 860204 Setting : 16.5	Left Blank

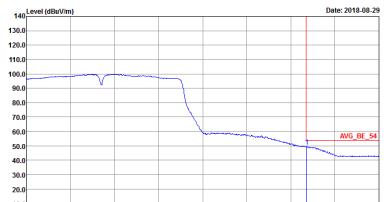


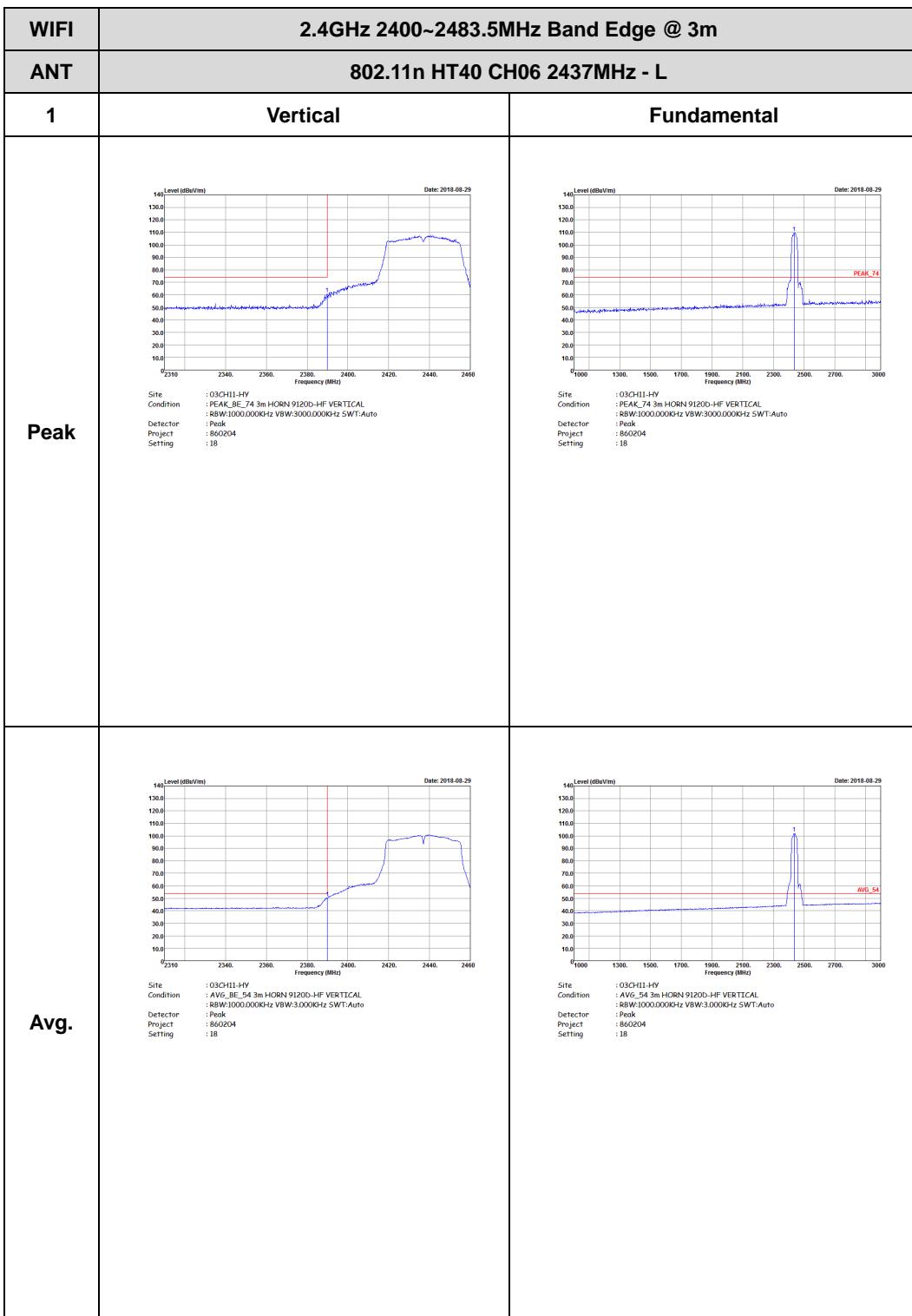


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1	Vertical	Fundamental
Peak	 <p>Site : 03CH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 16.5</p>	Left blank
Avg.	 <p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 16.5</p>	Left blank



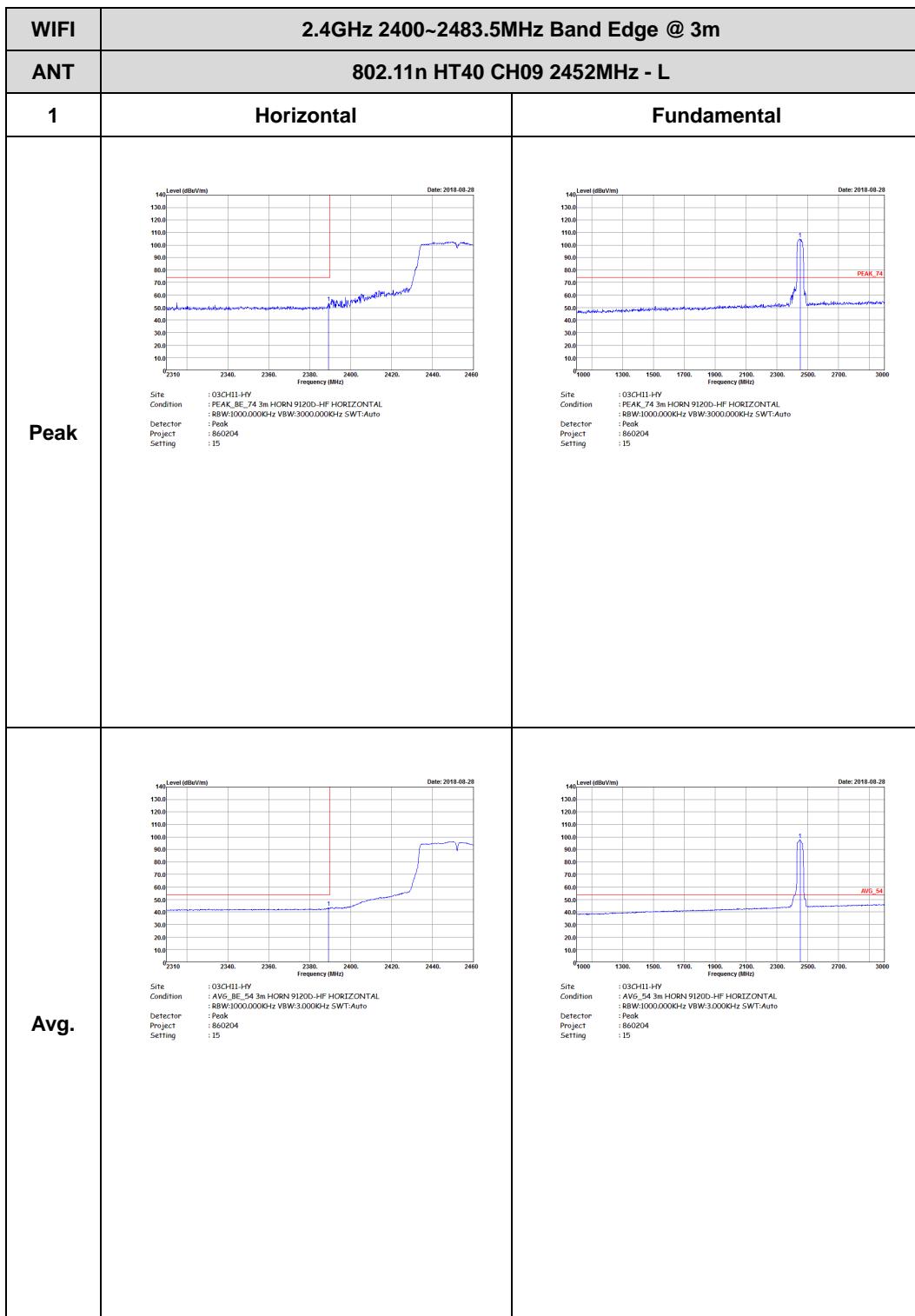


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH1-HY Condition : PCMC_BE_74 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWF:Auto Detector : Peak Project : 860204 Setting : 18</p>	Left blank
Avg.	 <p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWF:Auto Detector : Peak Project : 860204 Setting : 18</p>	Left blank



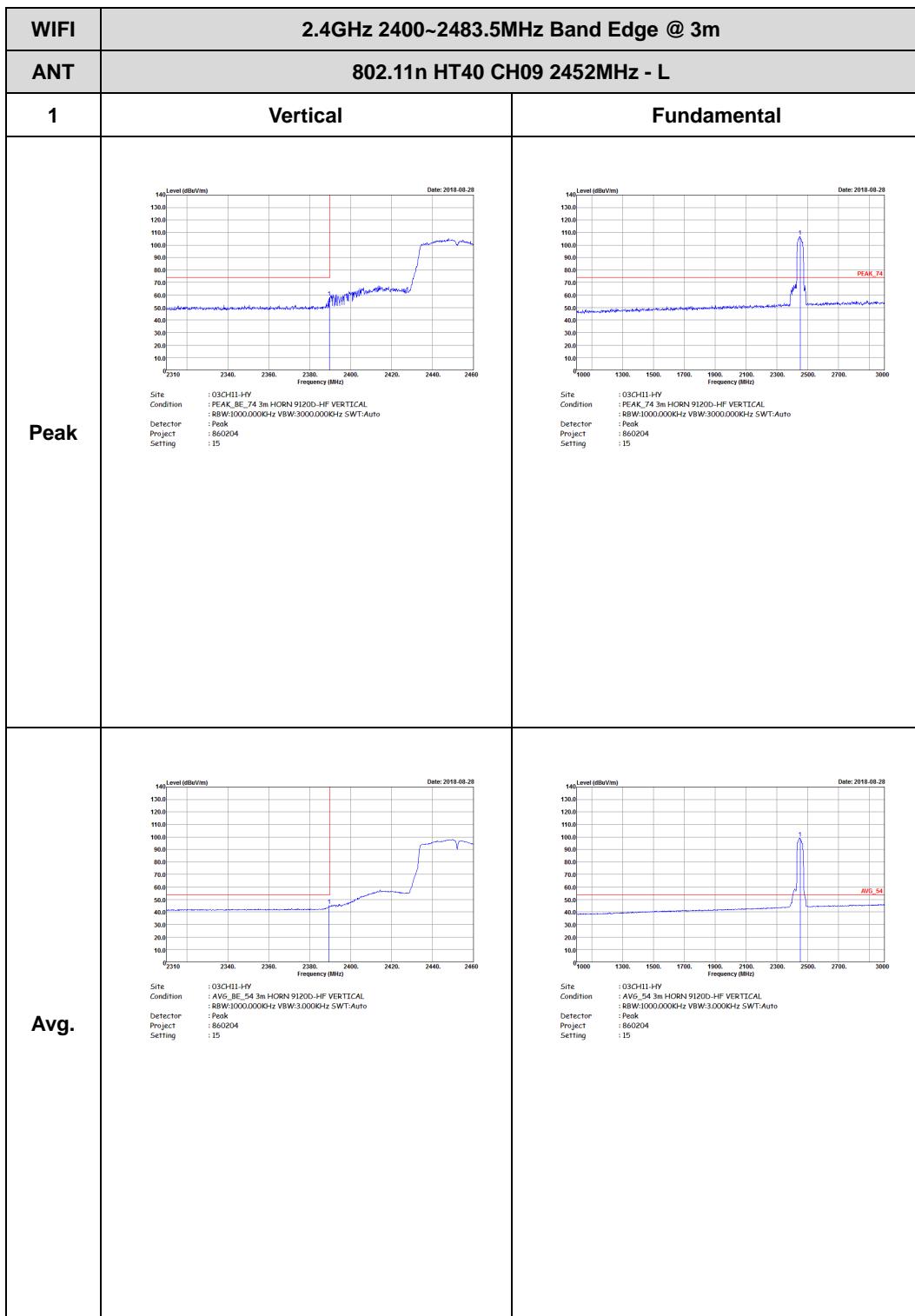


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	<p>Site : 03CH1-HY Condition : PCMK_BE_74 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 860204 Setting : 18</p>	Left blank
Avg.	<p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : Peak Project : 860204 Setting : 18</p>	Left blank

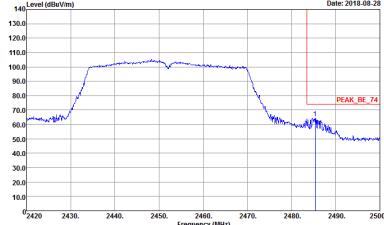


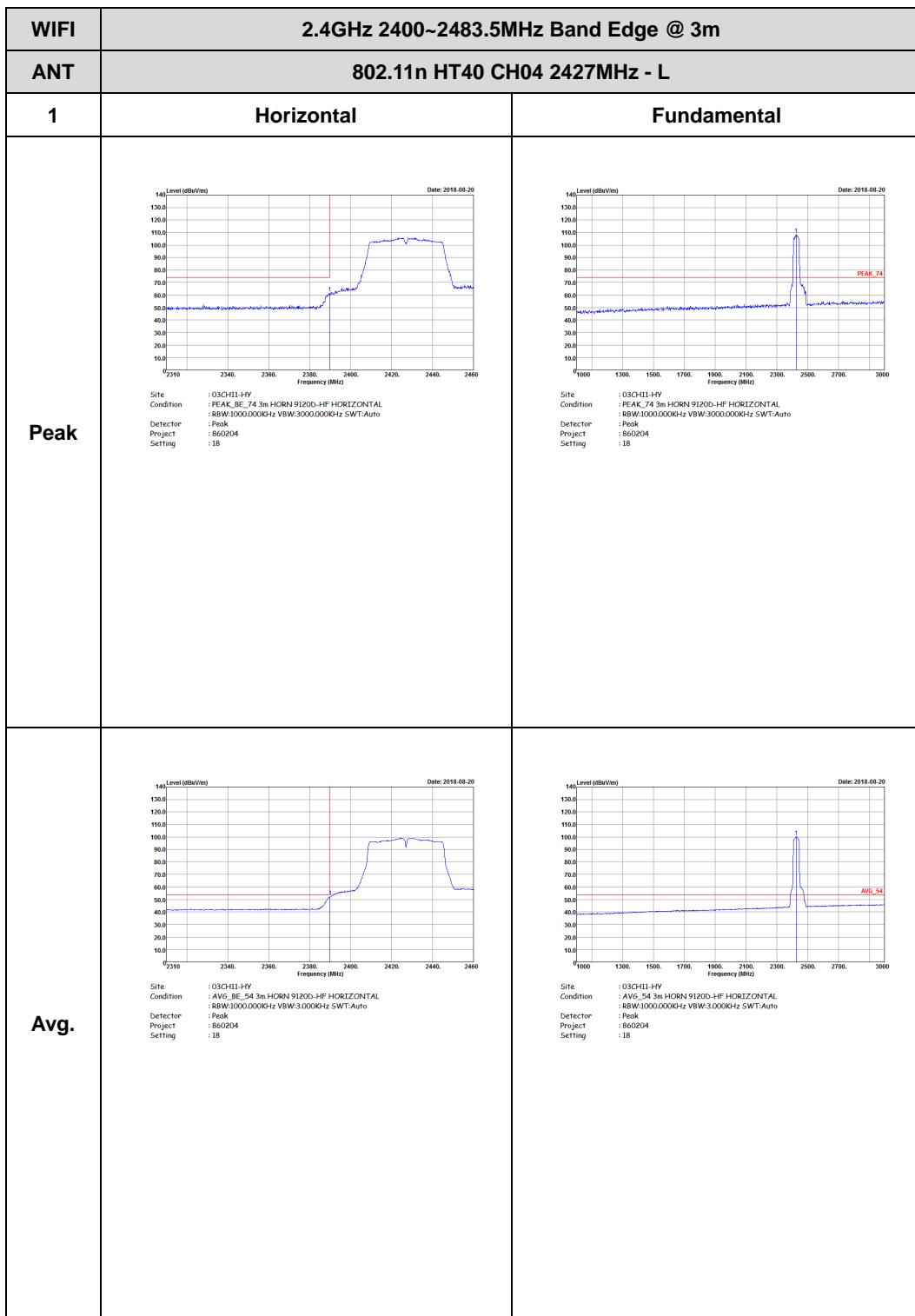


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1	Horizontal	Fundamental
Peak	<p>Level (dBm/V/m)</p> <p>Date: 2018-08-28</p> <p>Site : 03CH1-HV Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 15</p>	Left blank
Avg.	<p>Level (dBm/V/m)</p> <p>Date: 2018-08-28</p> <p>Site : 03CH1-HV Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 15</p>	Left blank



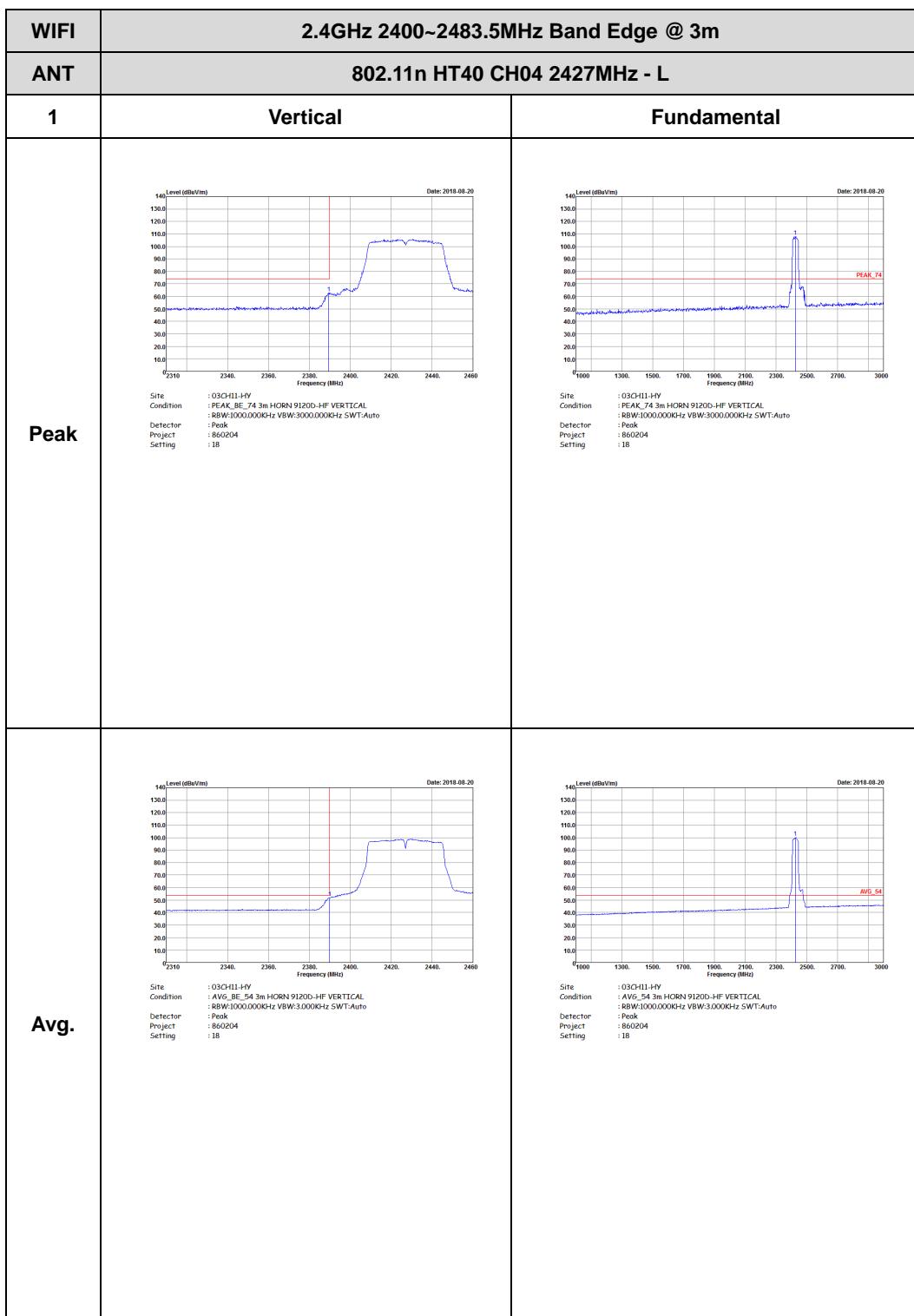


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-28</p> <p>Site : 03CH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 15</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-28</p> <p>Site : AVG_BE_54 3m HORN 91200-HF VERTICAL Condition : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 860204 Setting : 15</p>	Left blank



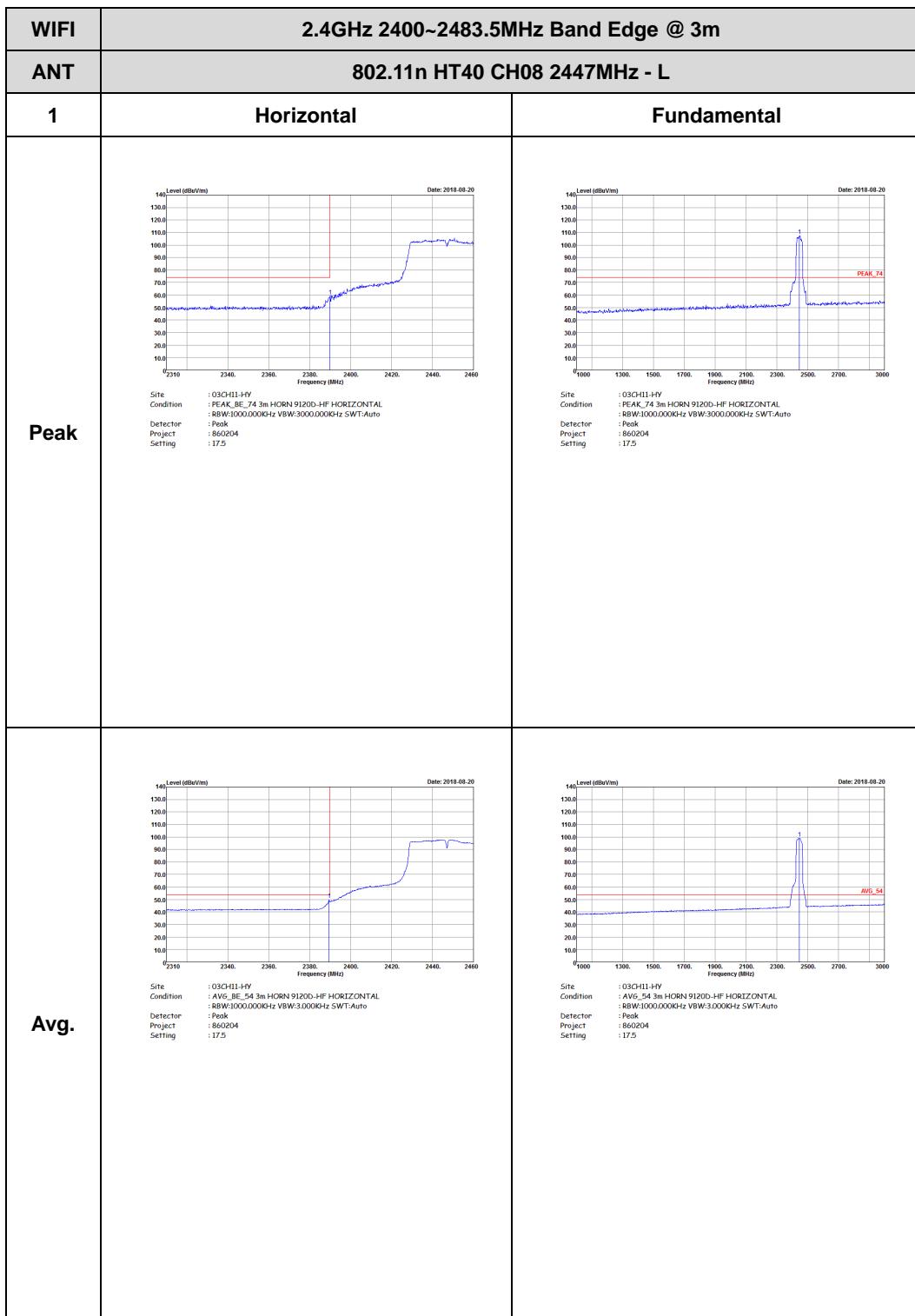


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH04 2427MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 860204 Setting : 1B	Left blank
Avg.	 Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 860204 Setting : 1B	Left blank



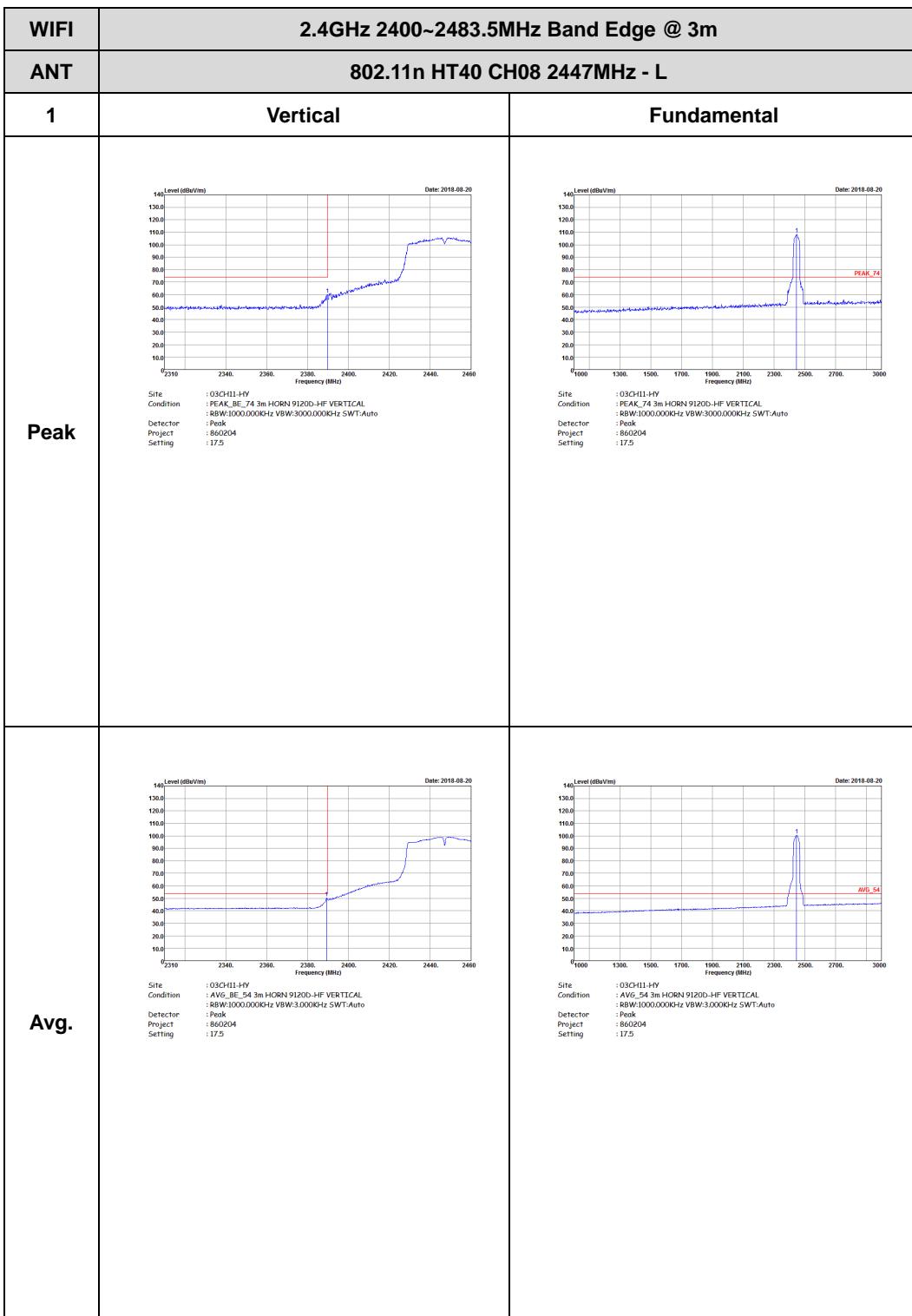


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH04 2427MHz - R	
1	Vertical	Fundamental
Peak	<p>Site : 03CH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 1B</p>	Left blank
Avg.	<p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 1B</p>	Left blank

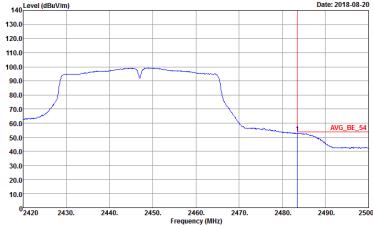




WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH08 2447MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Site : 03CH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 860204 Setting : 17.5</p>	Left blank
Avg.	 <p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 860204 Setting : 17.5</p>	Left blank



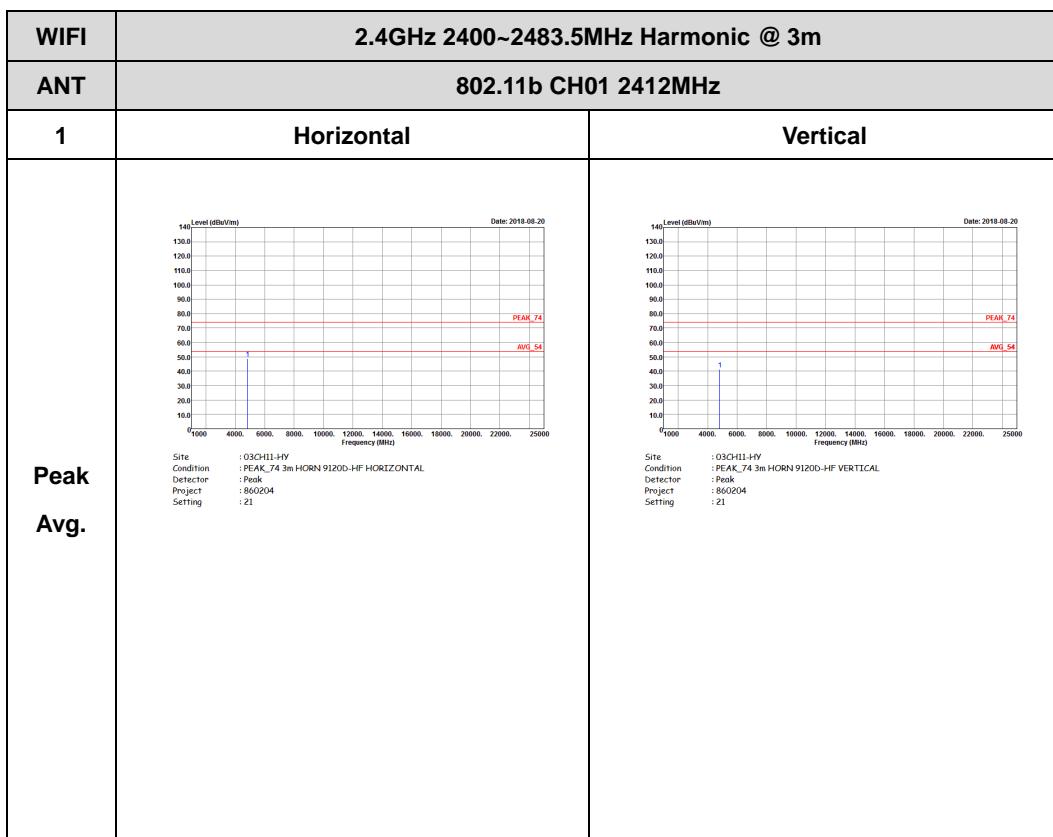


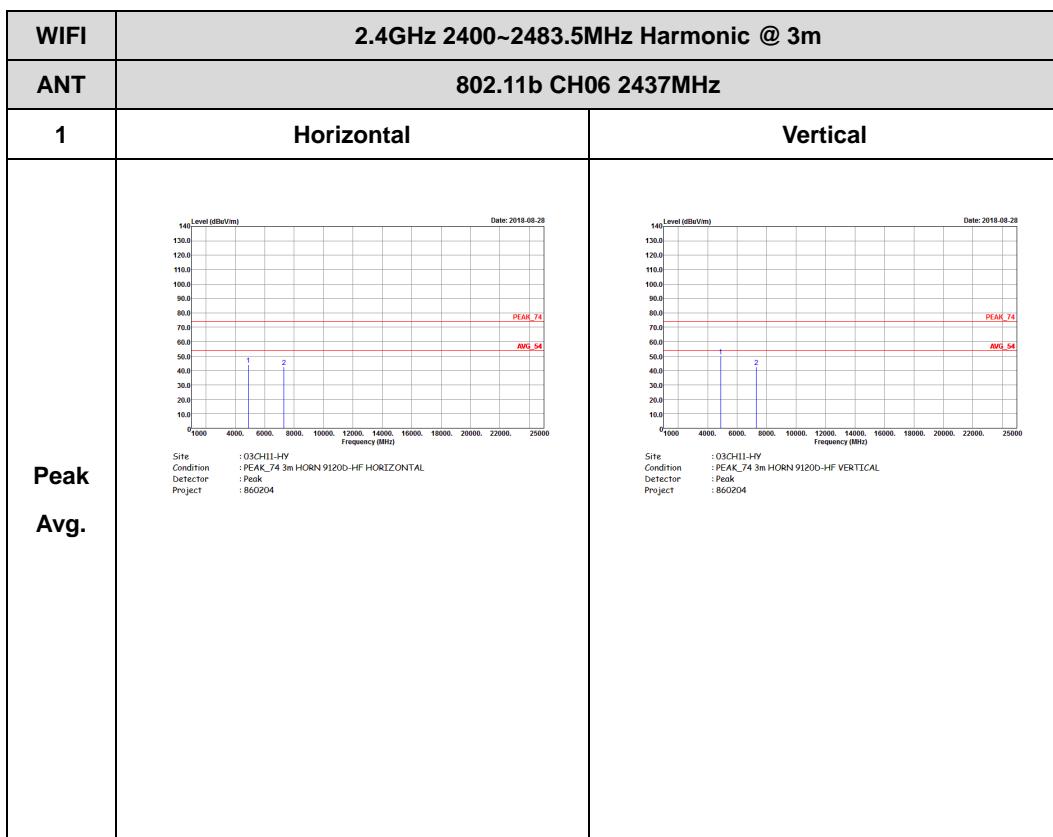
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH08 2447MHz - R	
1	Vertical	Fundamental
Peak	 <p>Level (dBm/V/m)</p> <p>Date: 2018-08-20</p> <p>Site : 03CH1-HV Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL RBW:1000.000Hz VBW:3.000kHz SWT:Auto Detector : Peak Project : 860204 Setting : 17.5</p>	Left blank
Avg.	 <p>Level (dBm/V/m)</p> <p>Date: 2018-08-20</p> <p>Site : 03CH1-HV Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL RBW:1000.000Hz VBW:3.000kHz SWT:Auto Detector : Peak Project : 860204 Setting : 17.5</p>	Left blank

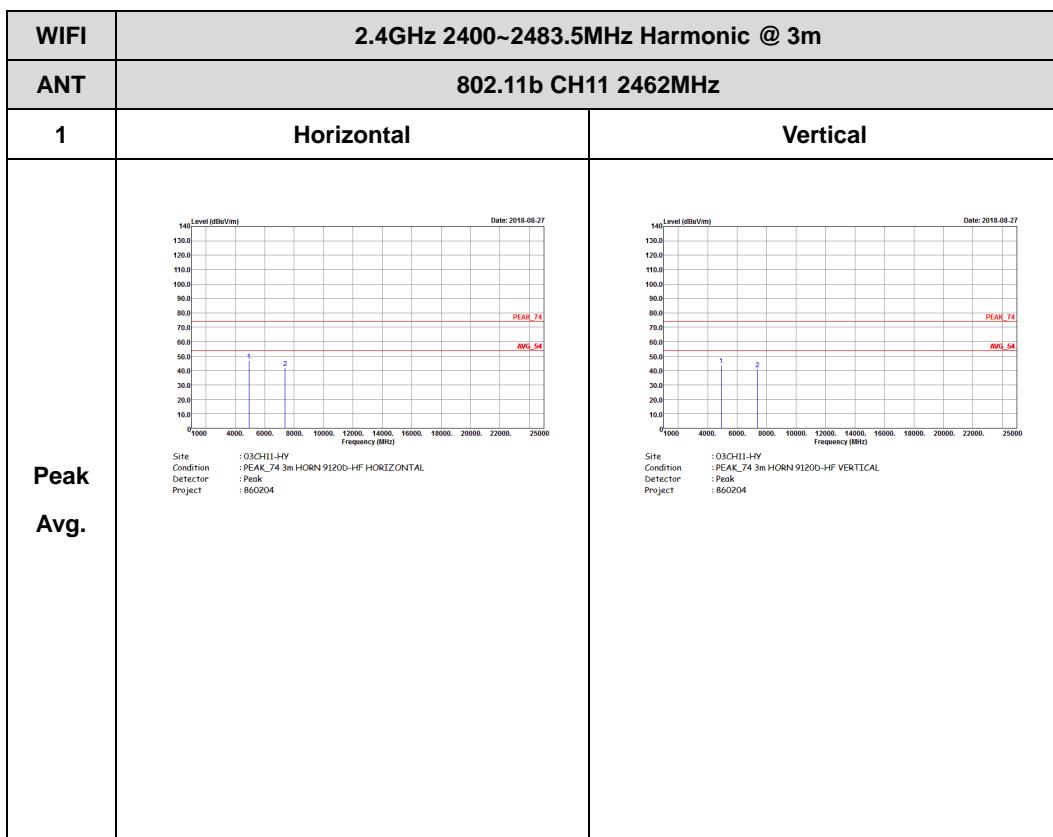


2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)



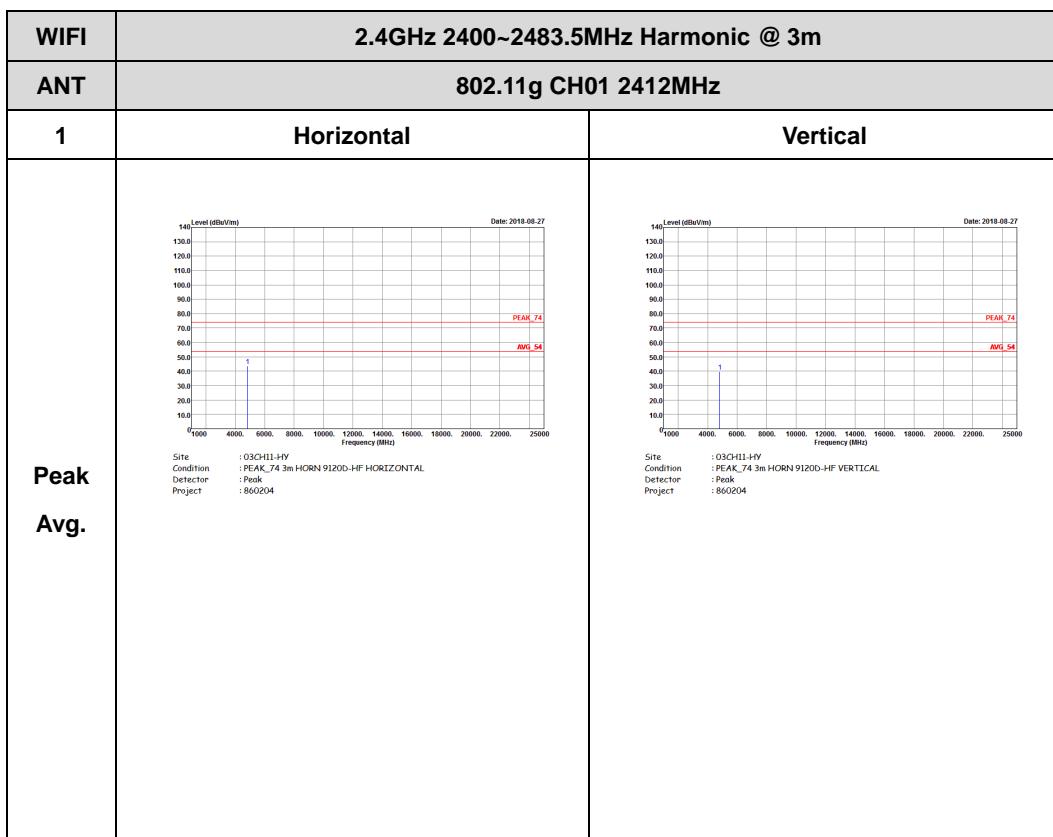


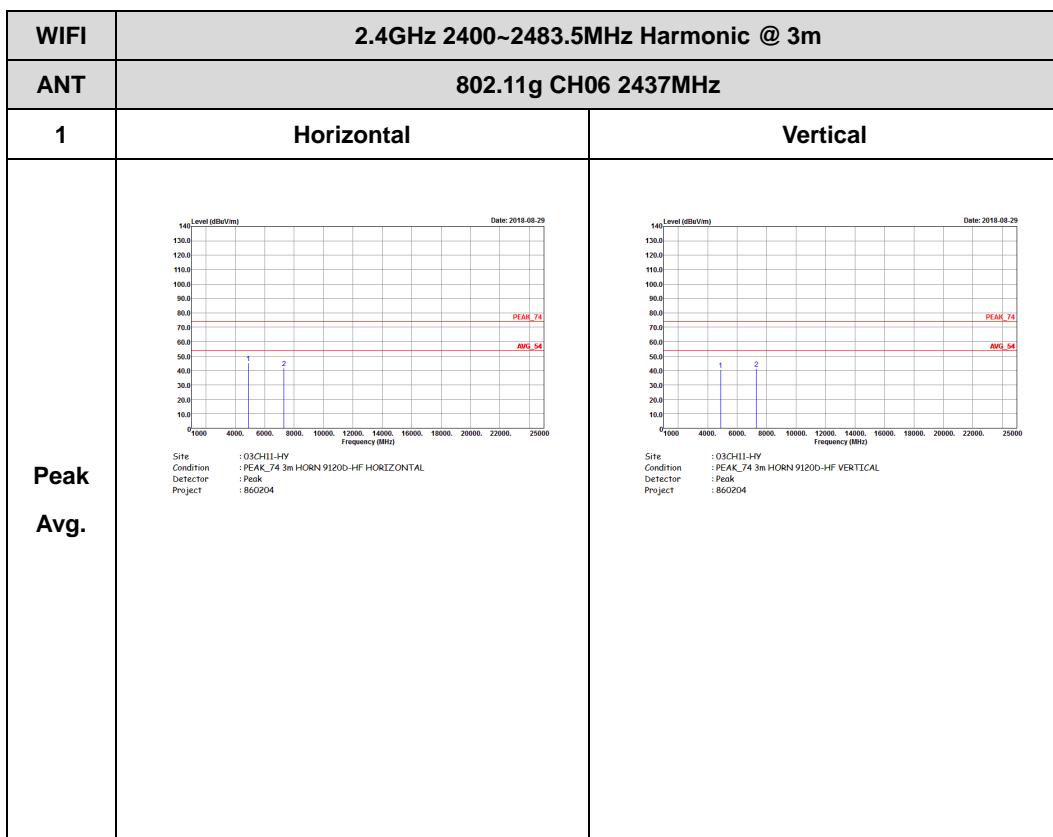


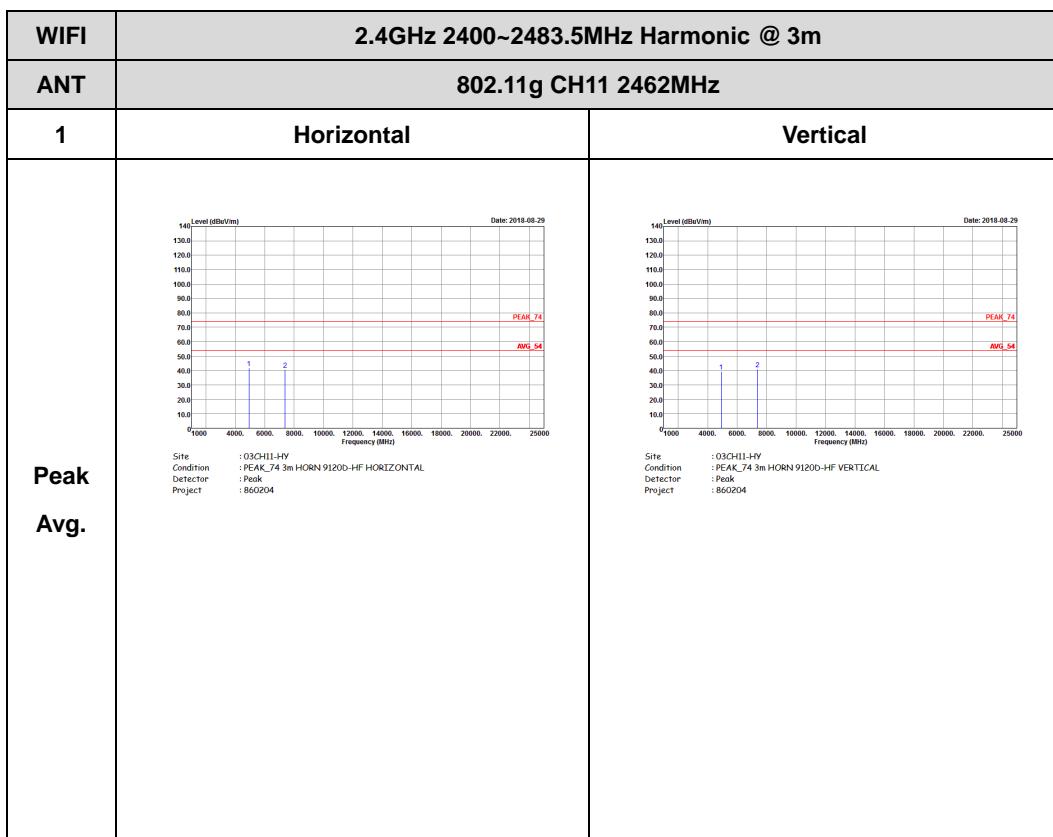


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)



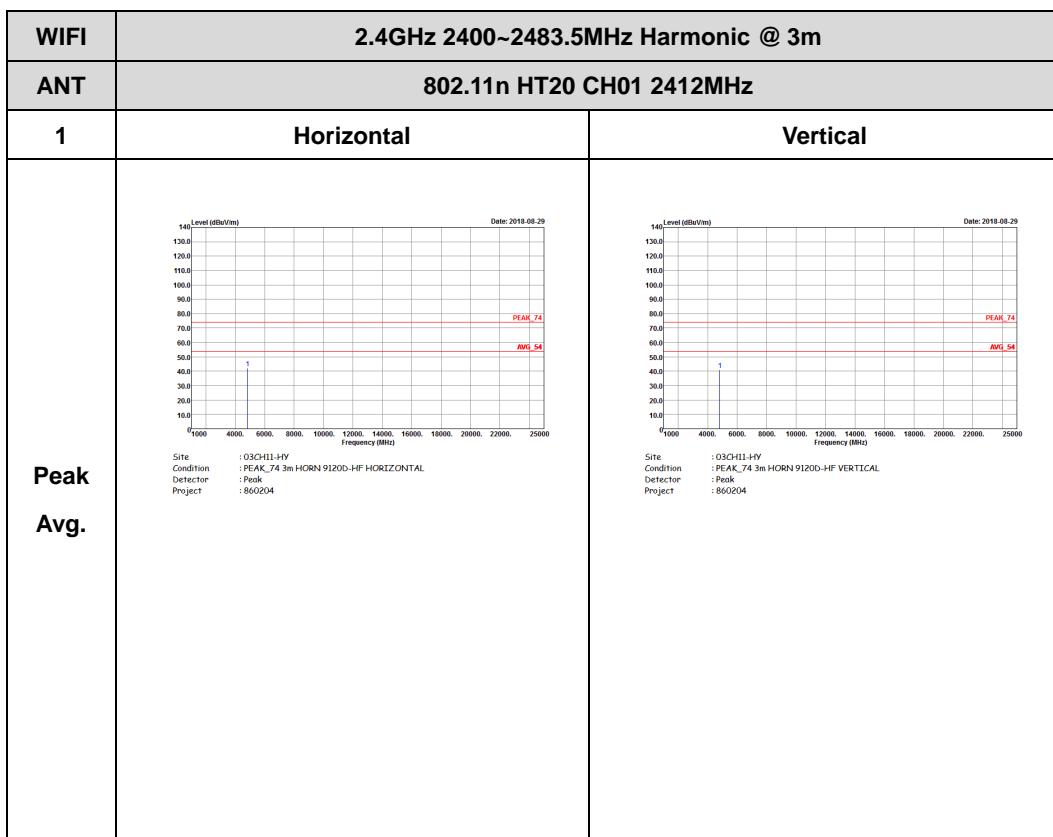


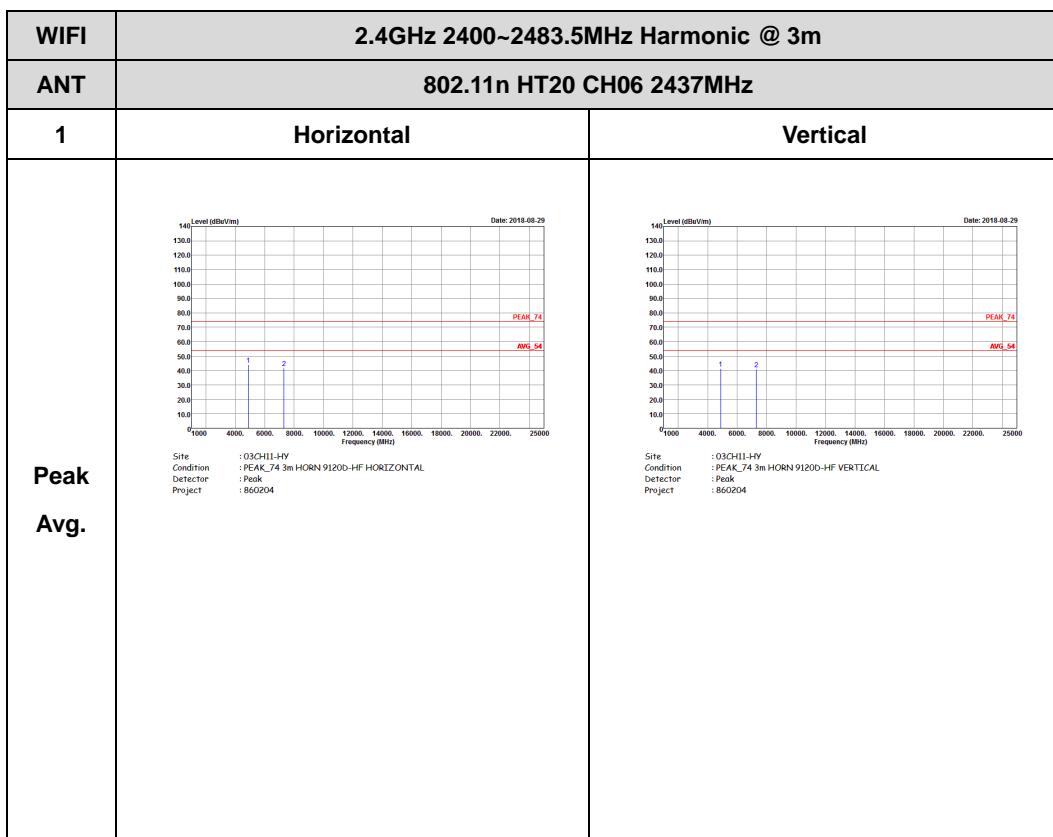


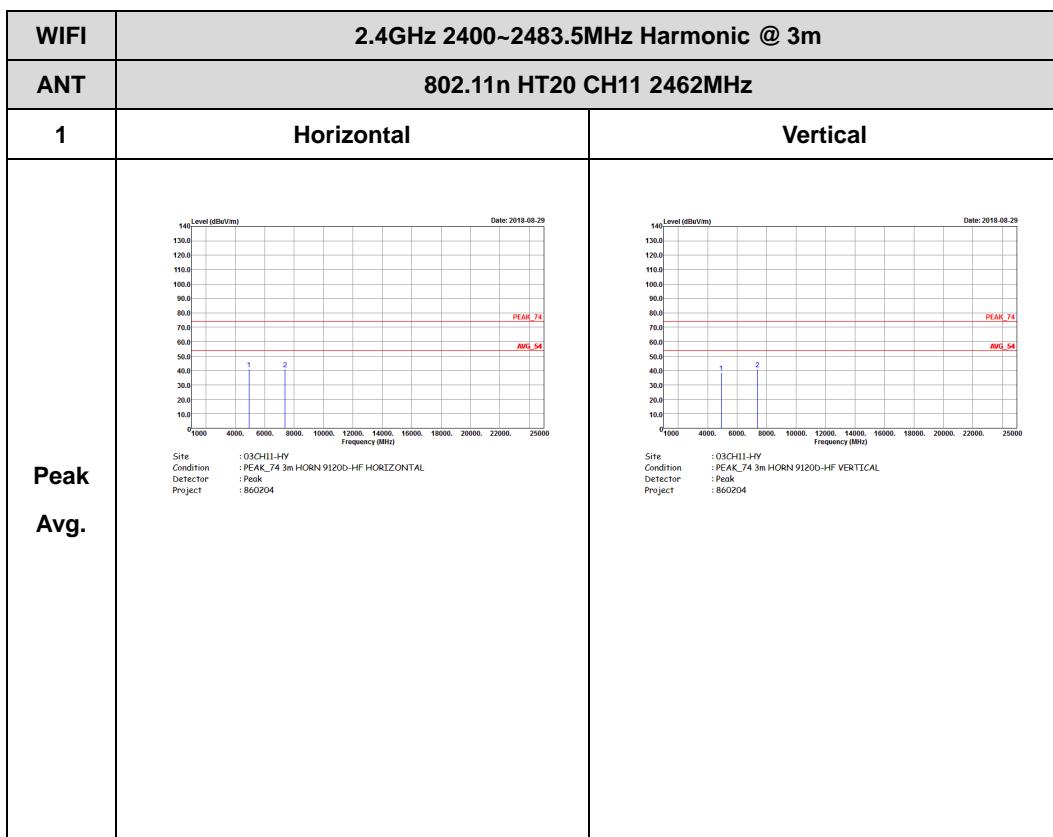


2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 3m)





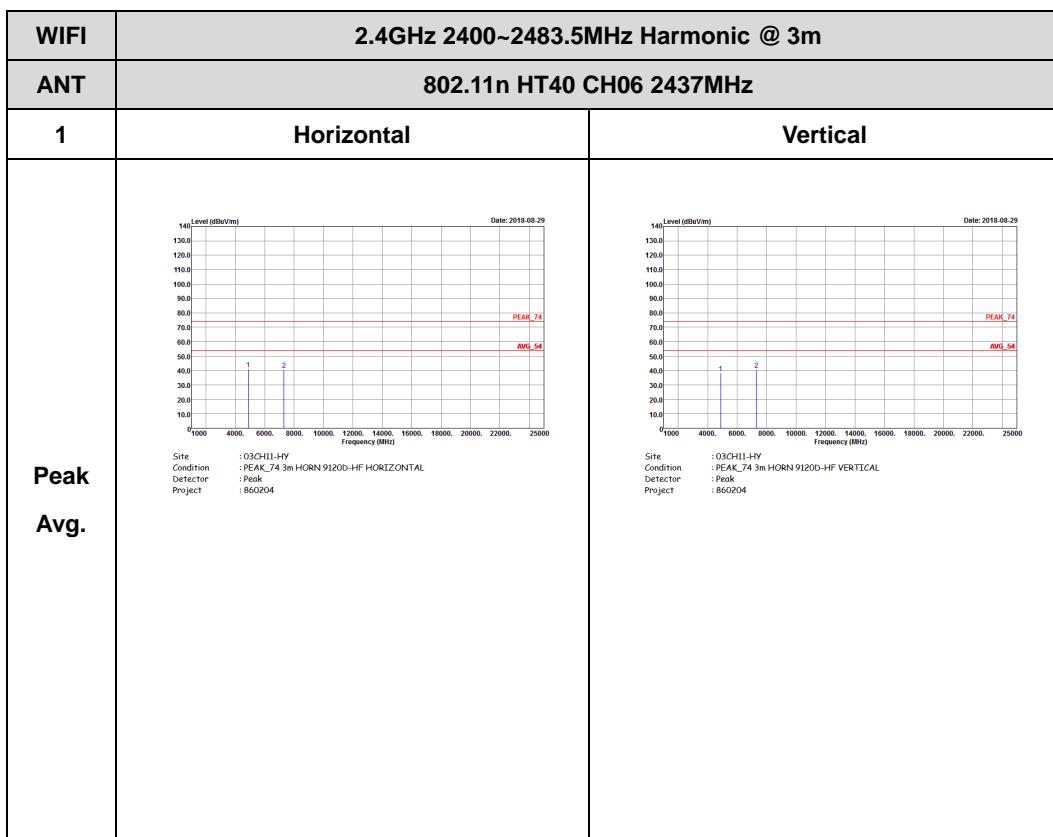


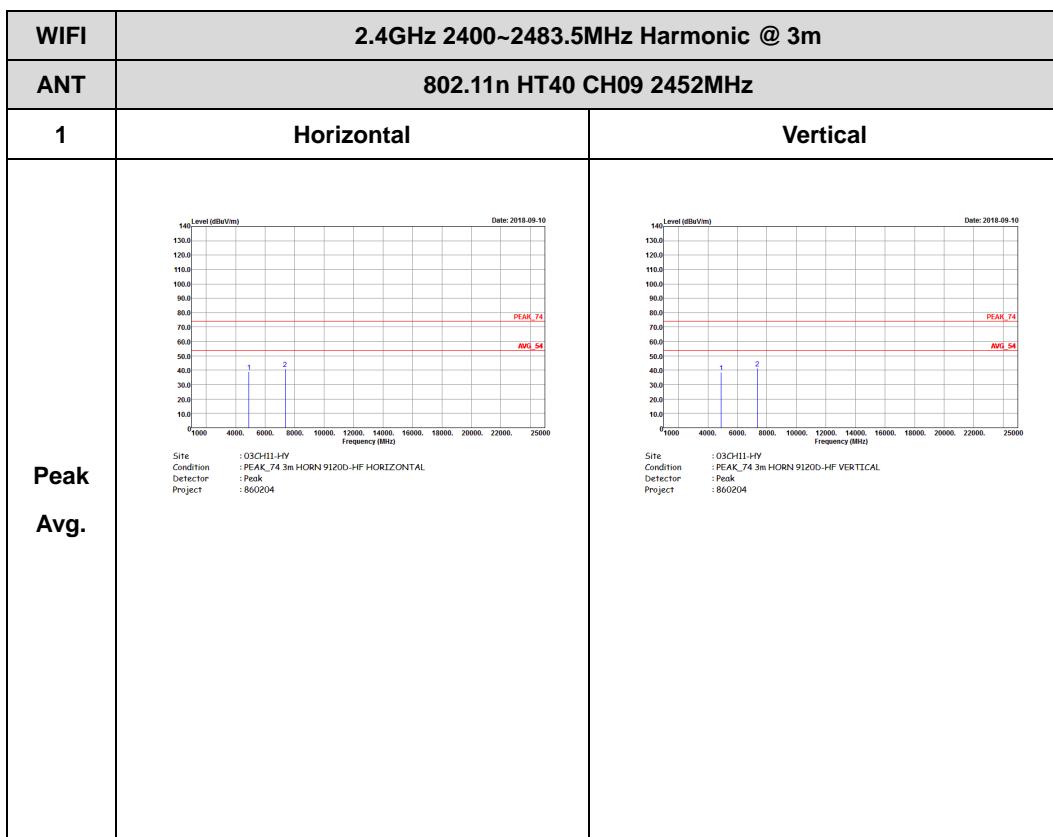


2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH03 2422MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF HORIZONTAL Detector : Peak Project : 860204 Site : 03CH11-HY Condition : PEAK_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 860204	

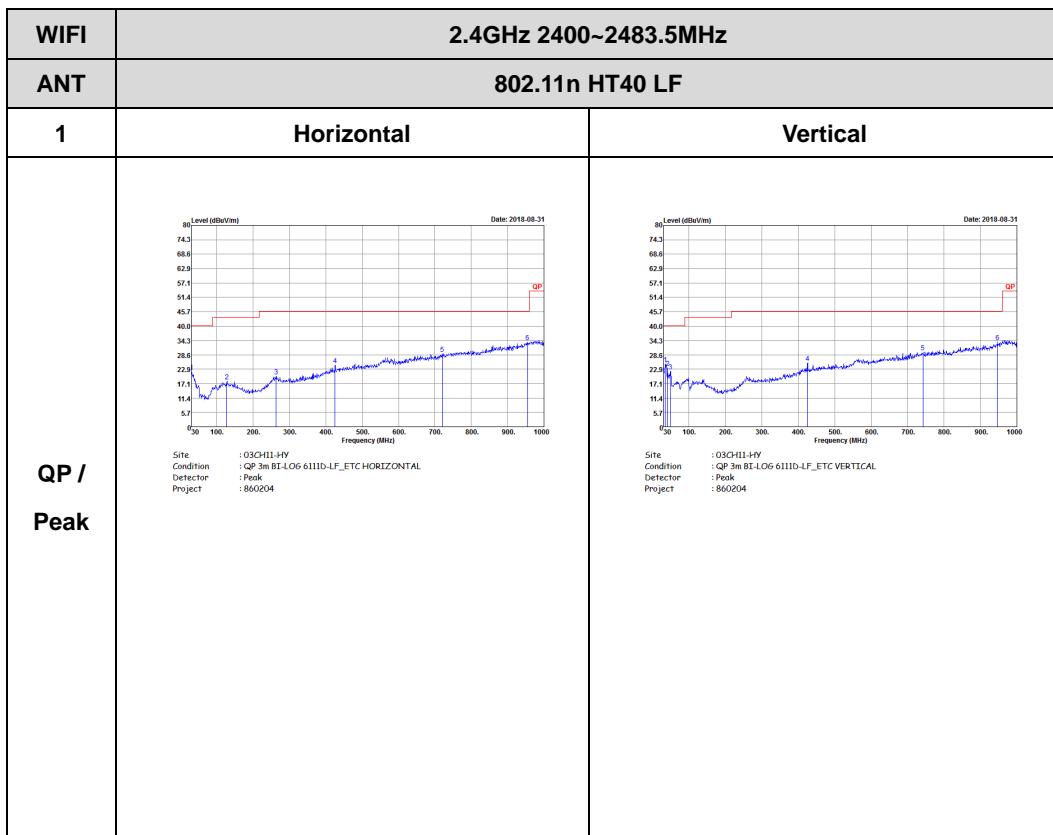






Emission below 1GHz

2.4GHz WIFI 802.11n HT40 (LF)

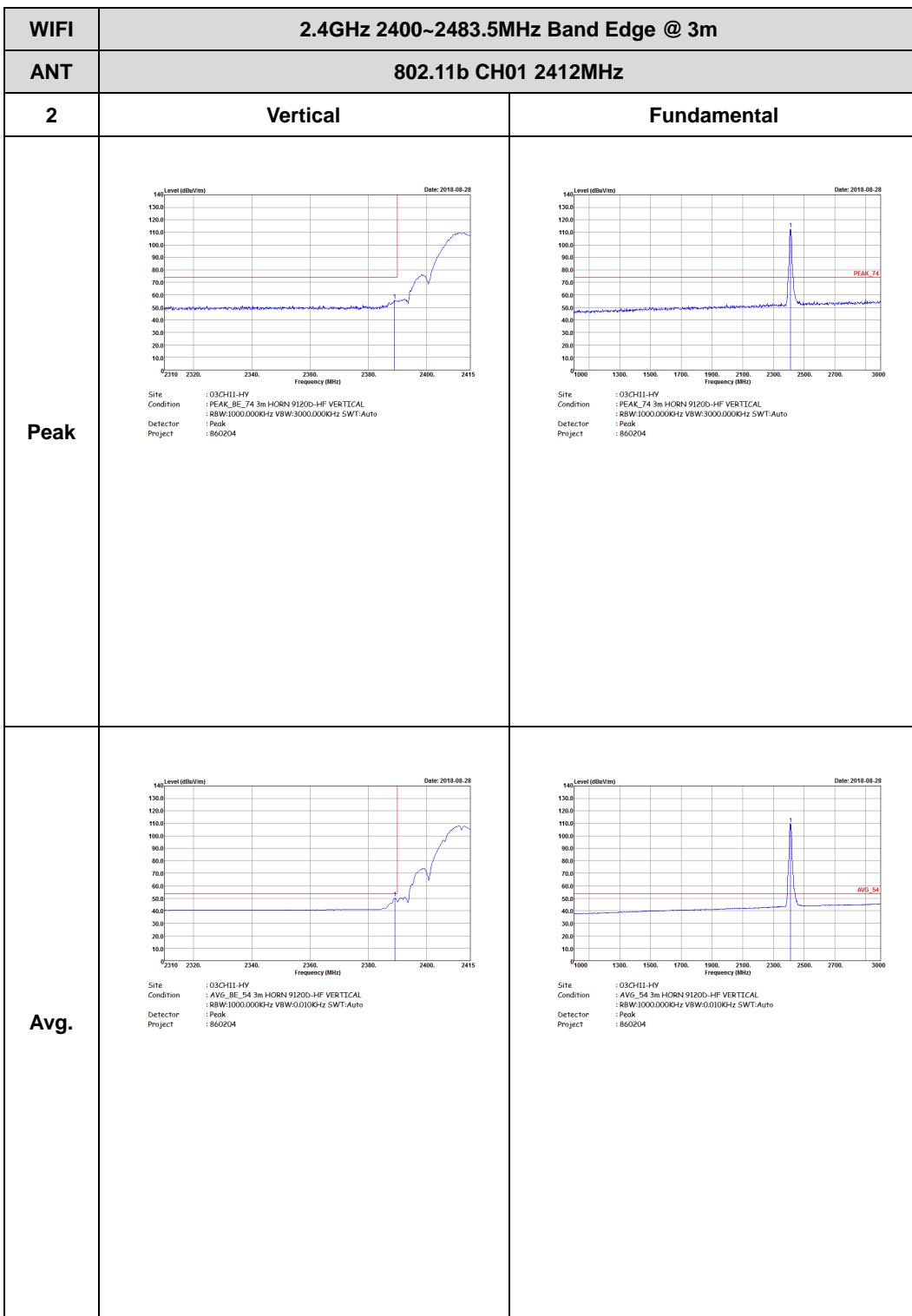


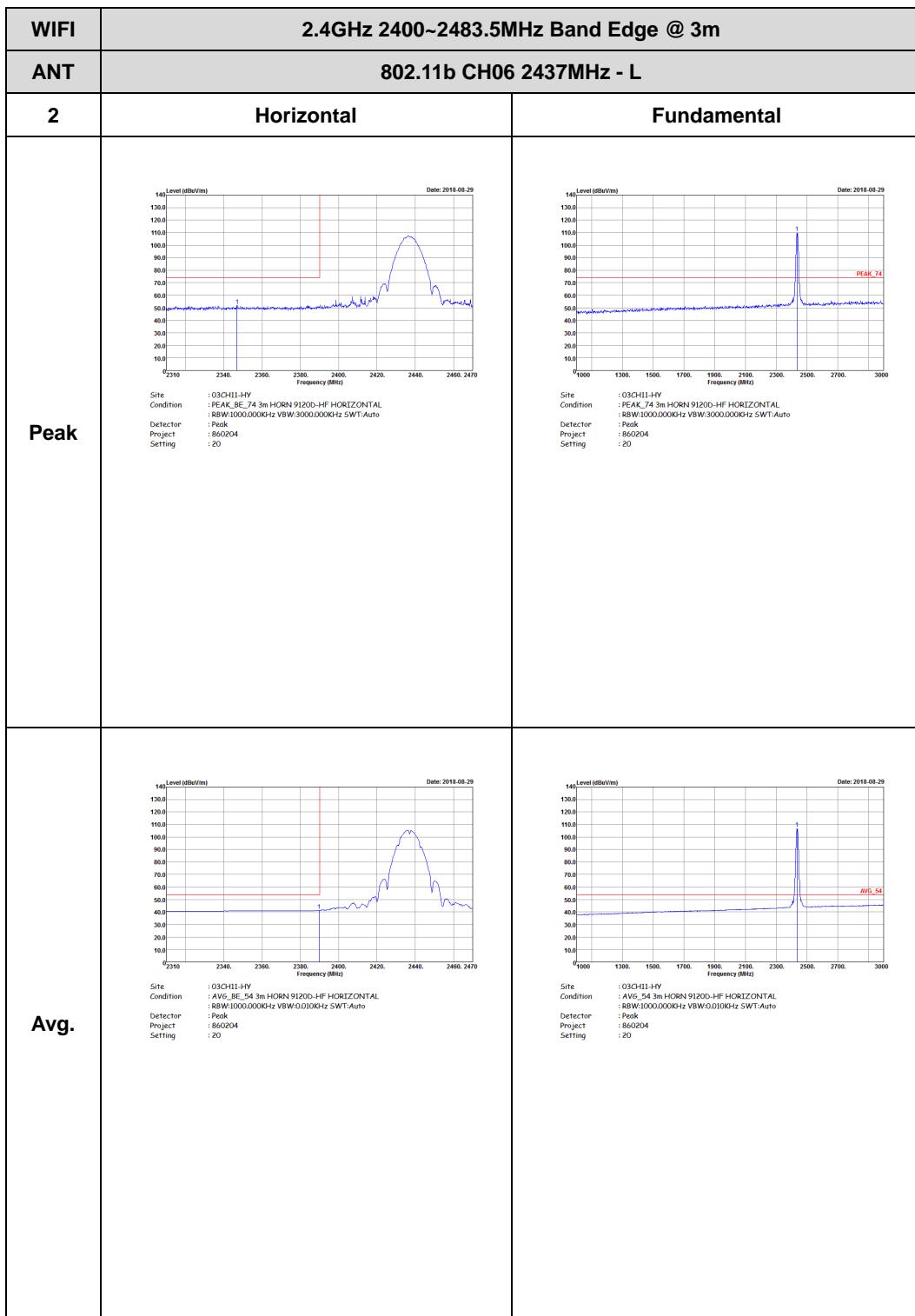


2.4GHz 2400~2483.5MHz

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 : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.0000kHz VBW:3000.0000Hz SWT:Auto Project : 860204	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 860204
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : RBW:1000.0000kHz VBW:0.0100Hz SWT:Auto Project : 860204	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF HORIZONTAL Detector : Peak Project : 860204

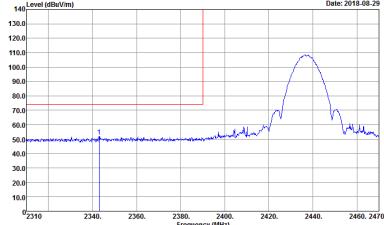
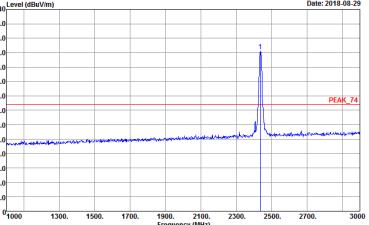




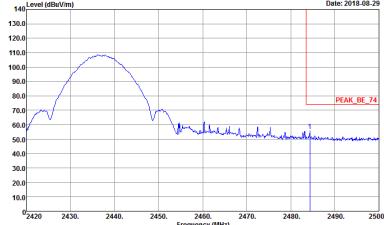


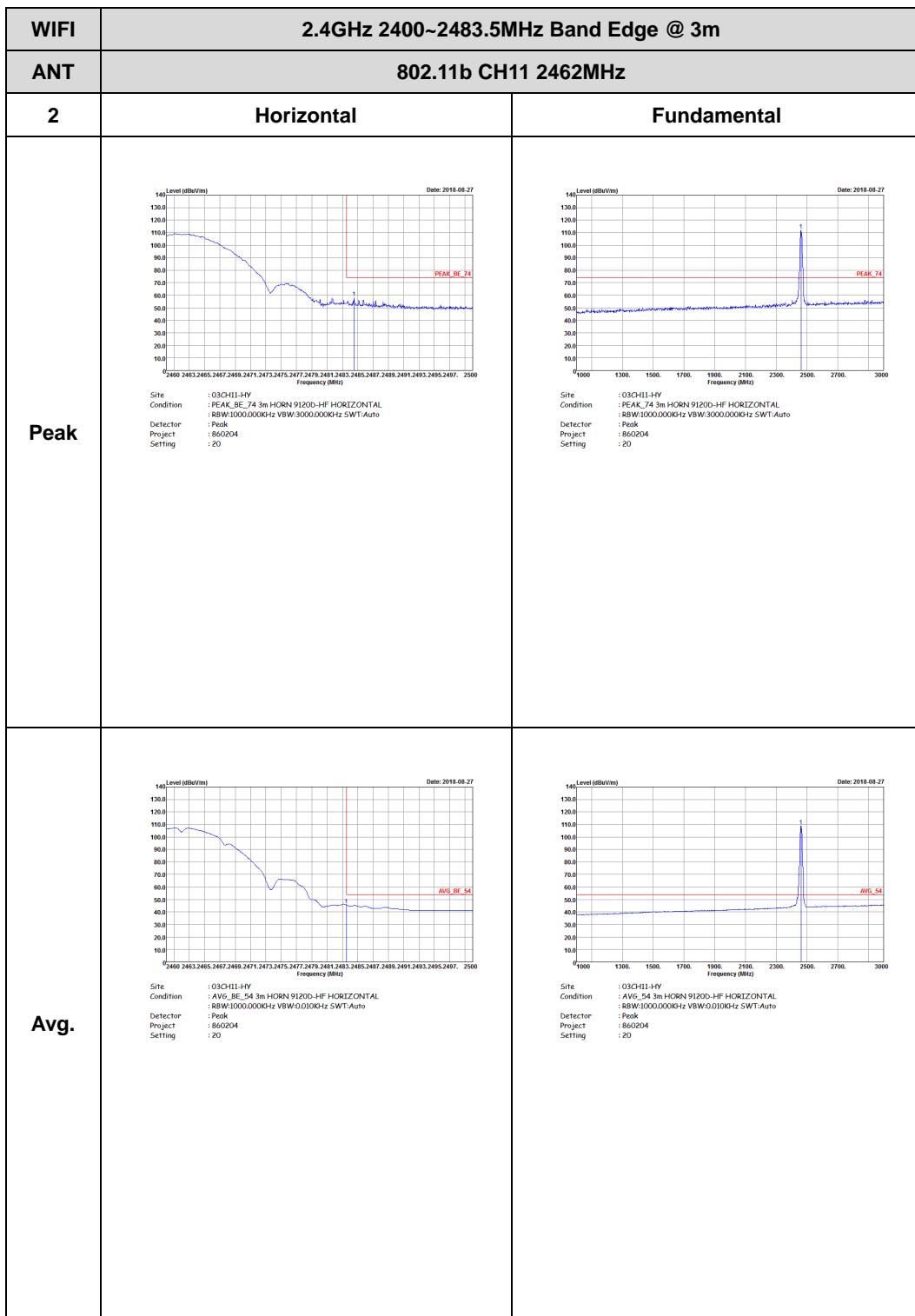
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	<p>Site : 03CH1-HY Condition : PCMC_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 860204 Setting : 20</p>	Left blank
Avg.	<p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 860204 Setting : 20</p>	Left blank

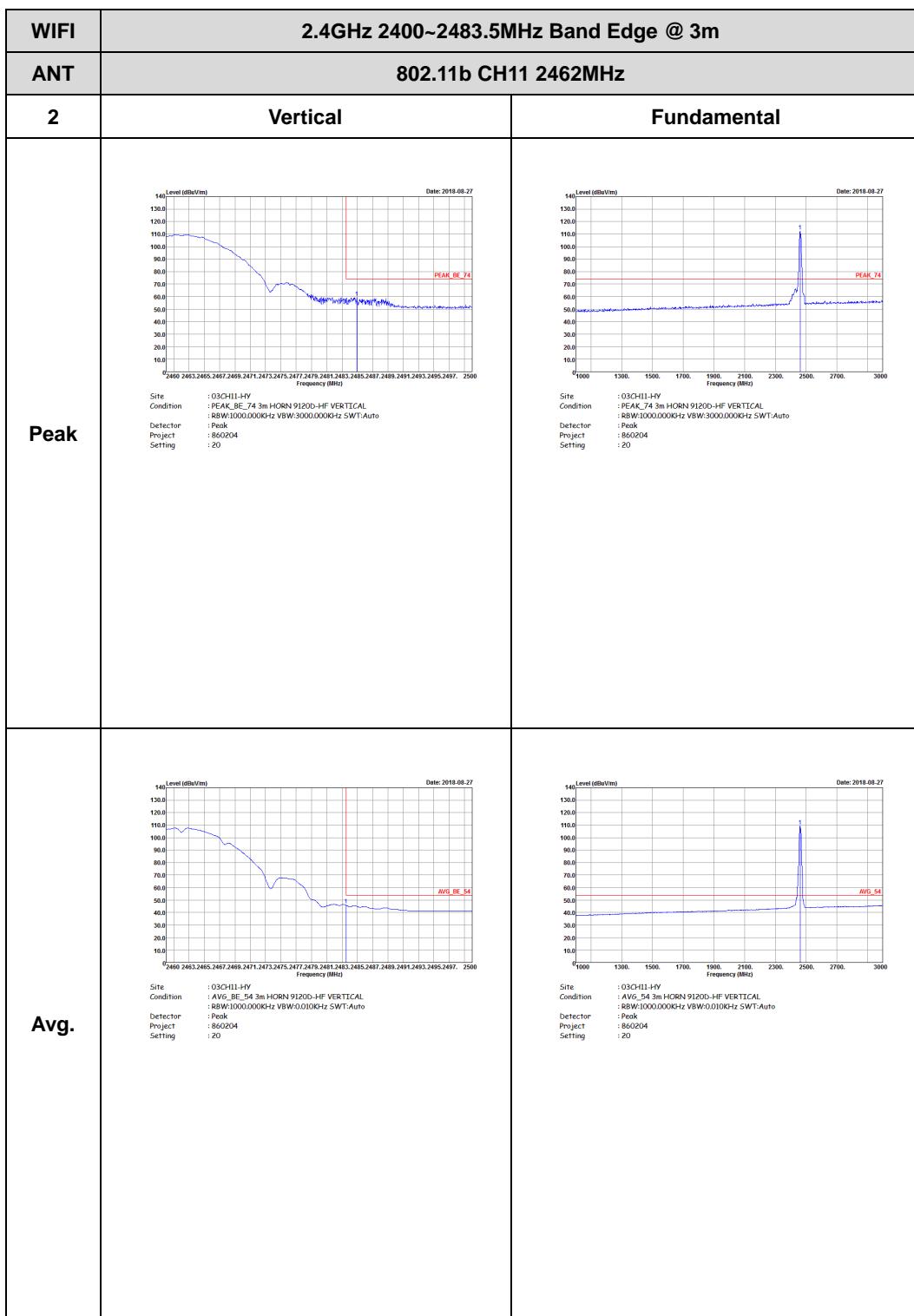


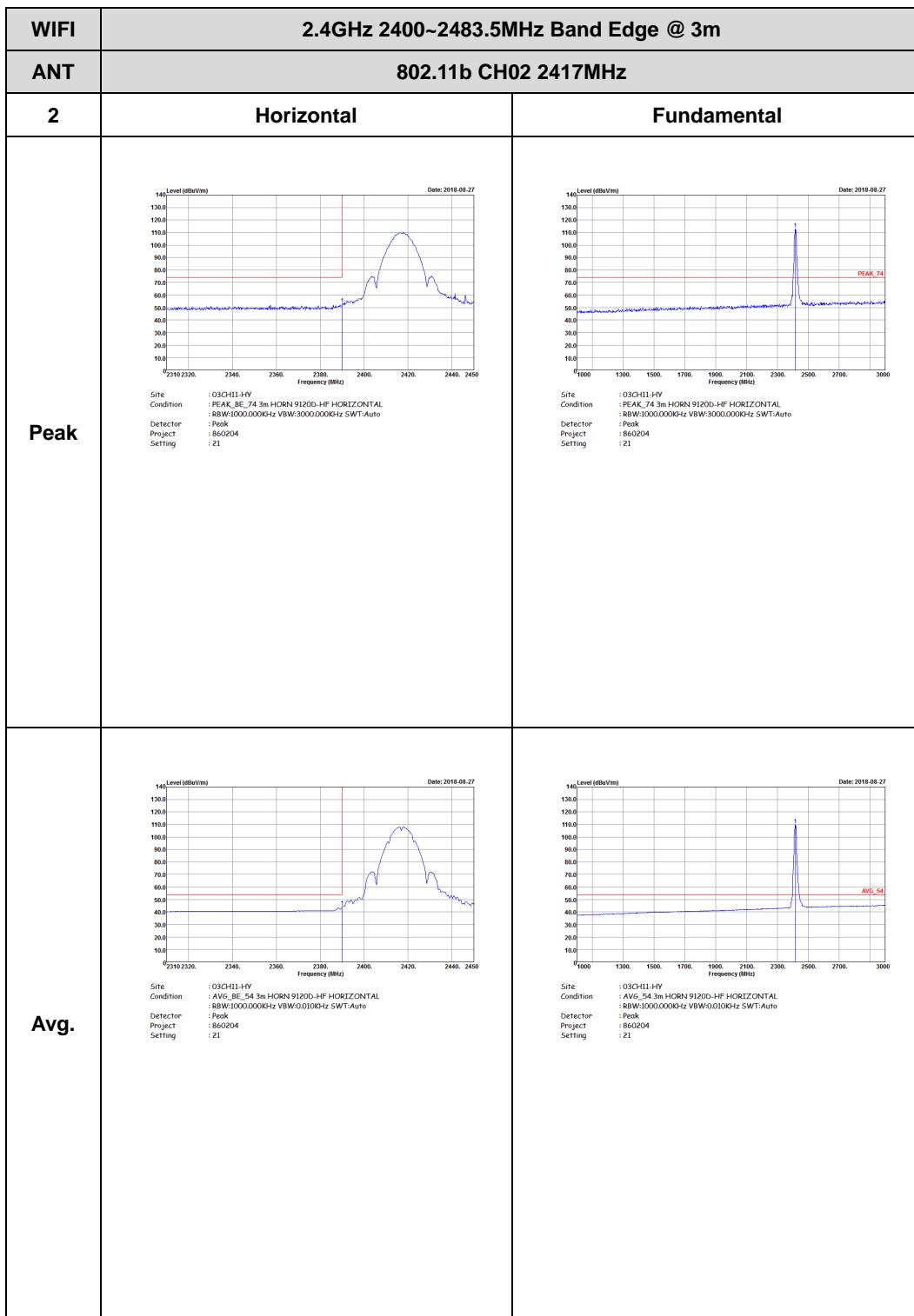
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
2	Vertical	Fundamental
Peak	 <p>Site : 03CH11-HY Condition : PCAK_BE_74 3m HORN 91200-HF VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 860204 Setting : 20</p>	 <p>Site : 03CH11-HY Condition : PCAK_BE_74 3m HORN 91200-HF VERTICAL Detector : Peak Project : 860204 Setting : 20</p>
Avg.	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 860204 Setting : 20</p>	 <p>Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : Peak Project : 860204 Setting : 20</p>

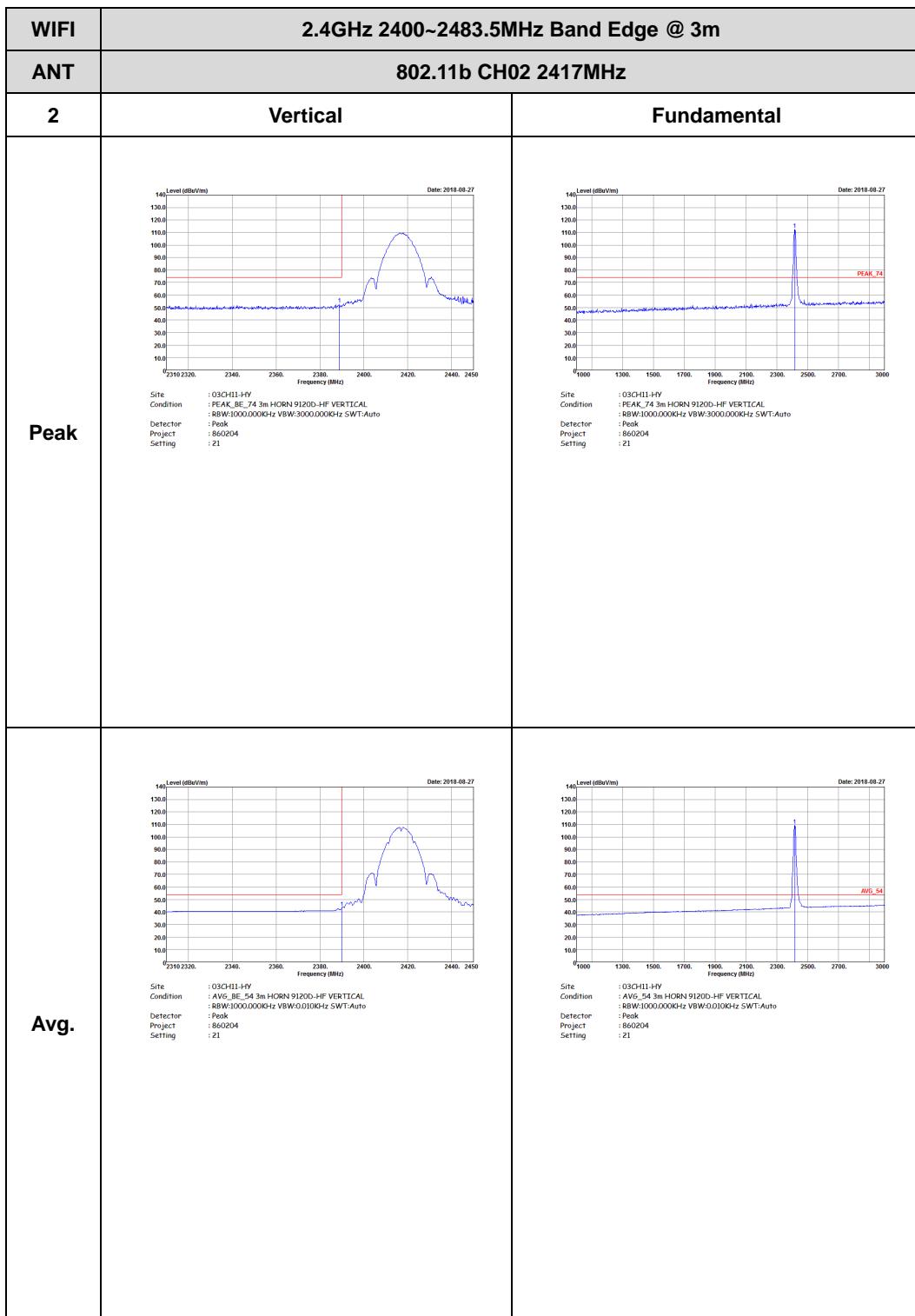


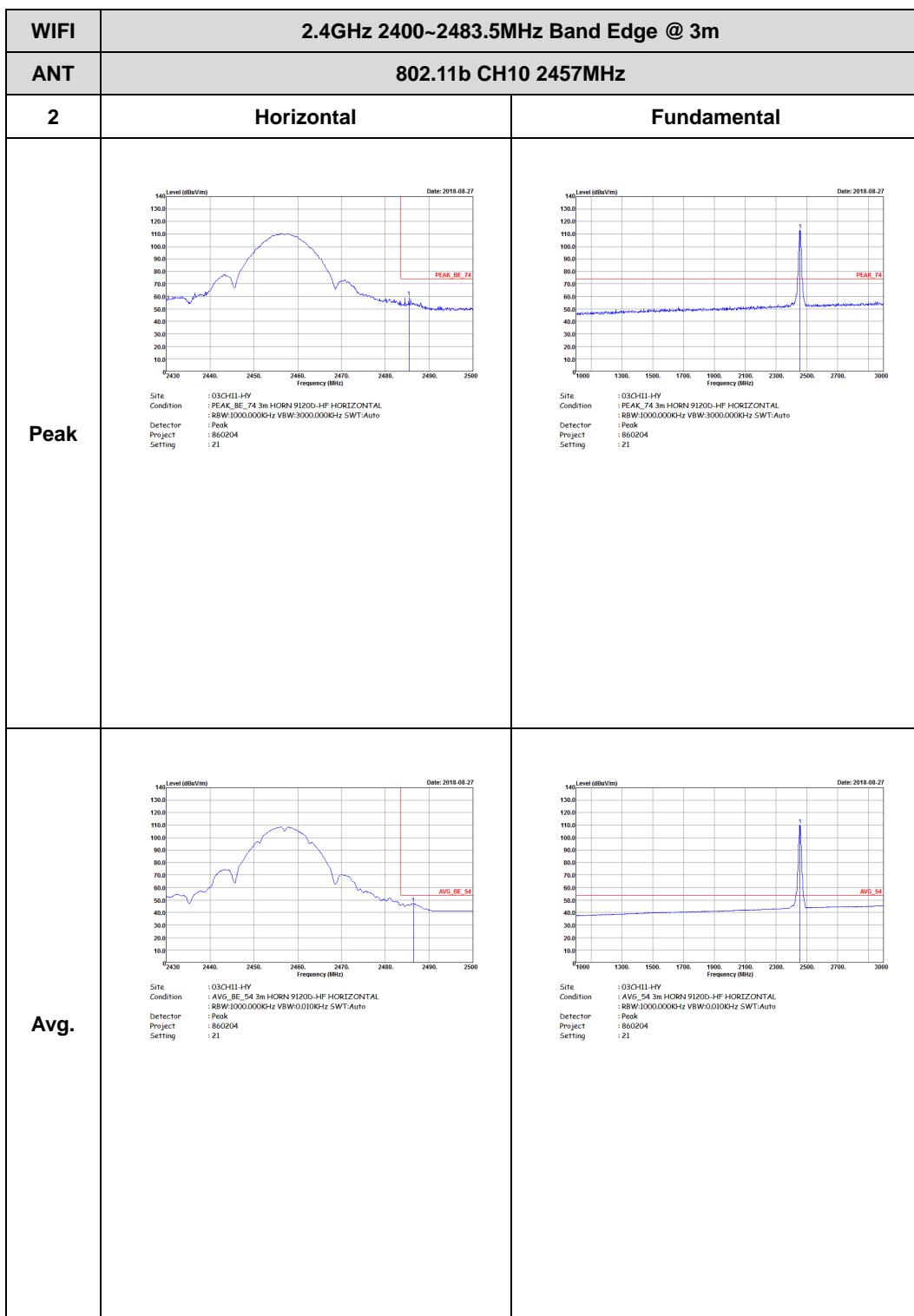
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-29</p> <p>Site : 03CH1-HY Condition : PCMK_BE_74 3m HORN 9120D-HF VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Setting : 860204 Setting : 20</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-29</p> <p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Setting : 860204 Setting : 20</p>	Left blank

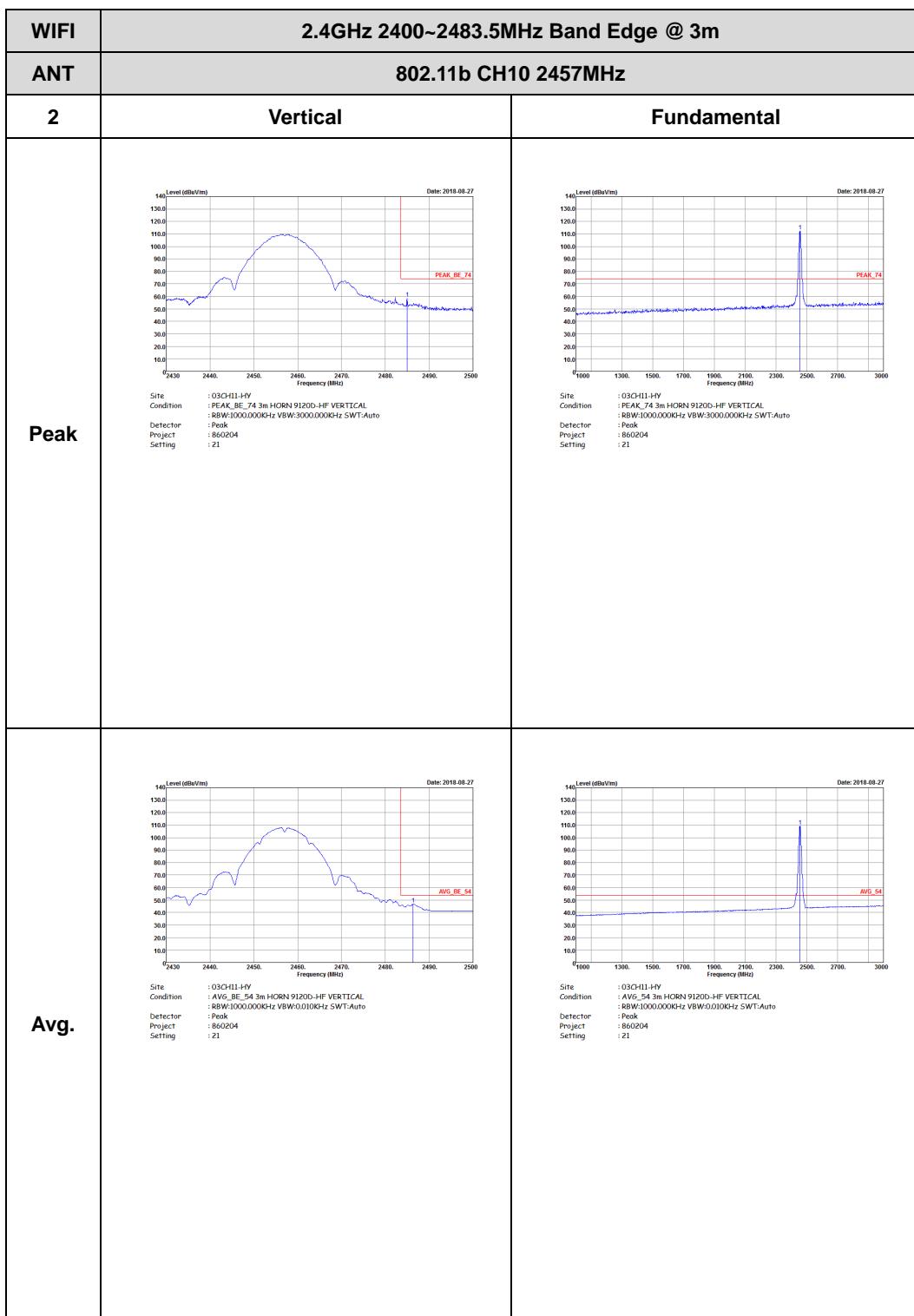








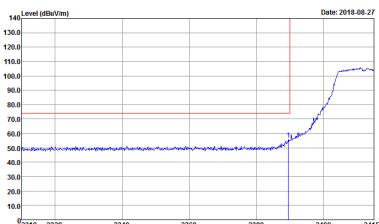
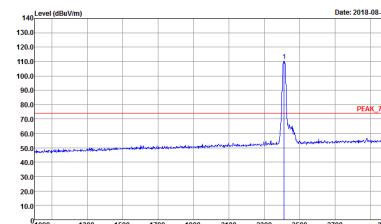
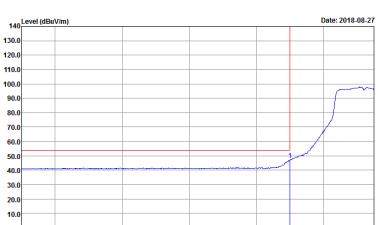
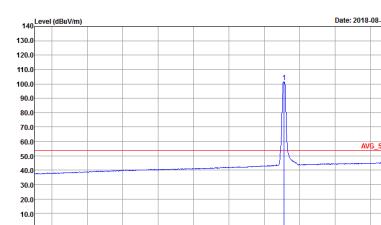


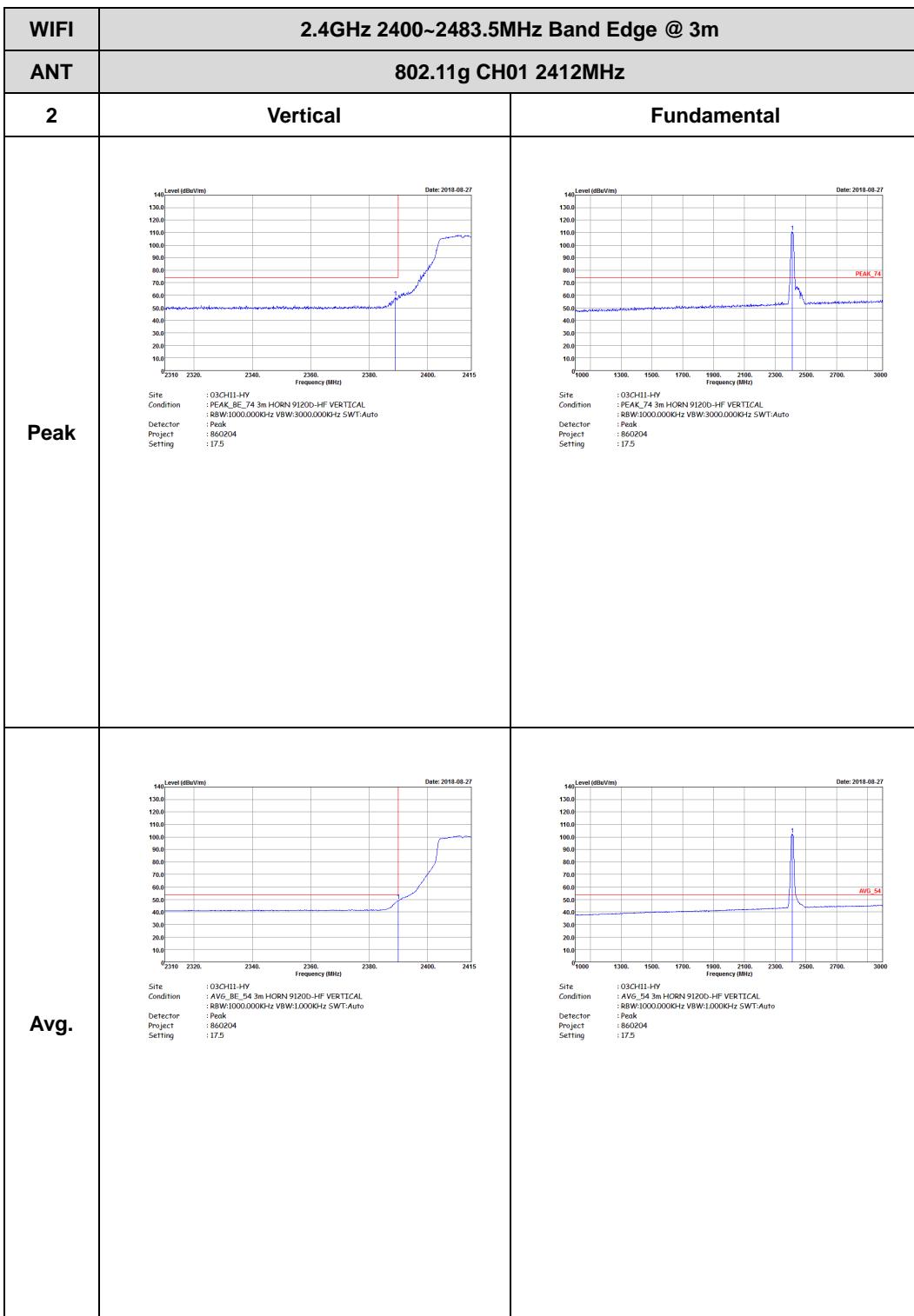


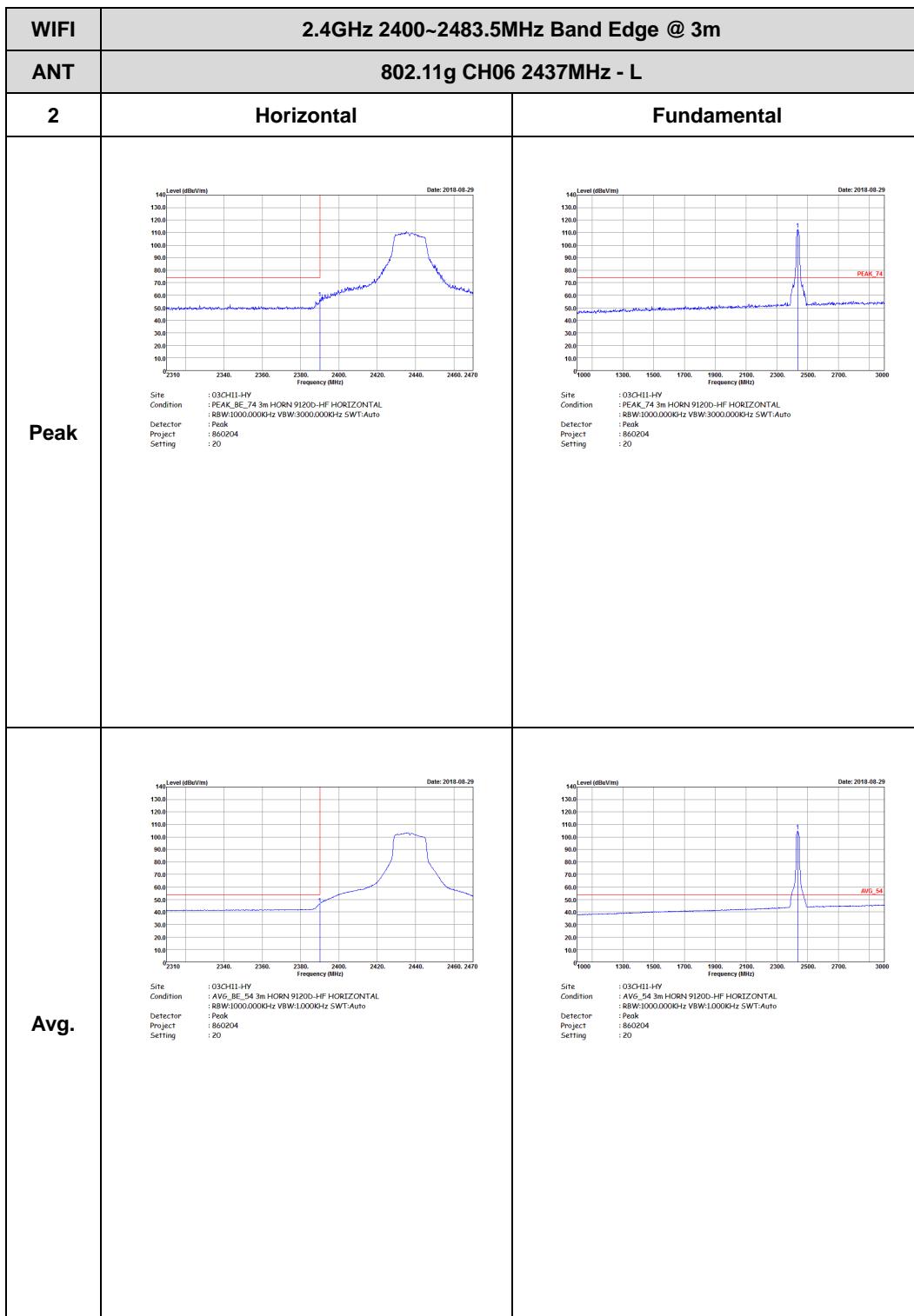


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

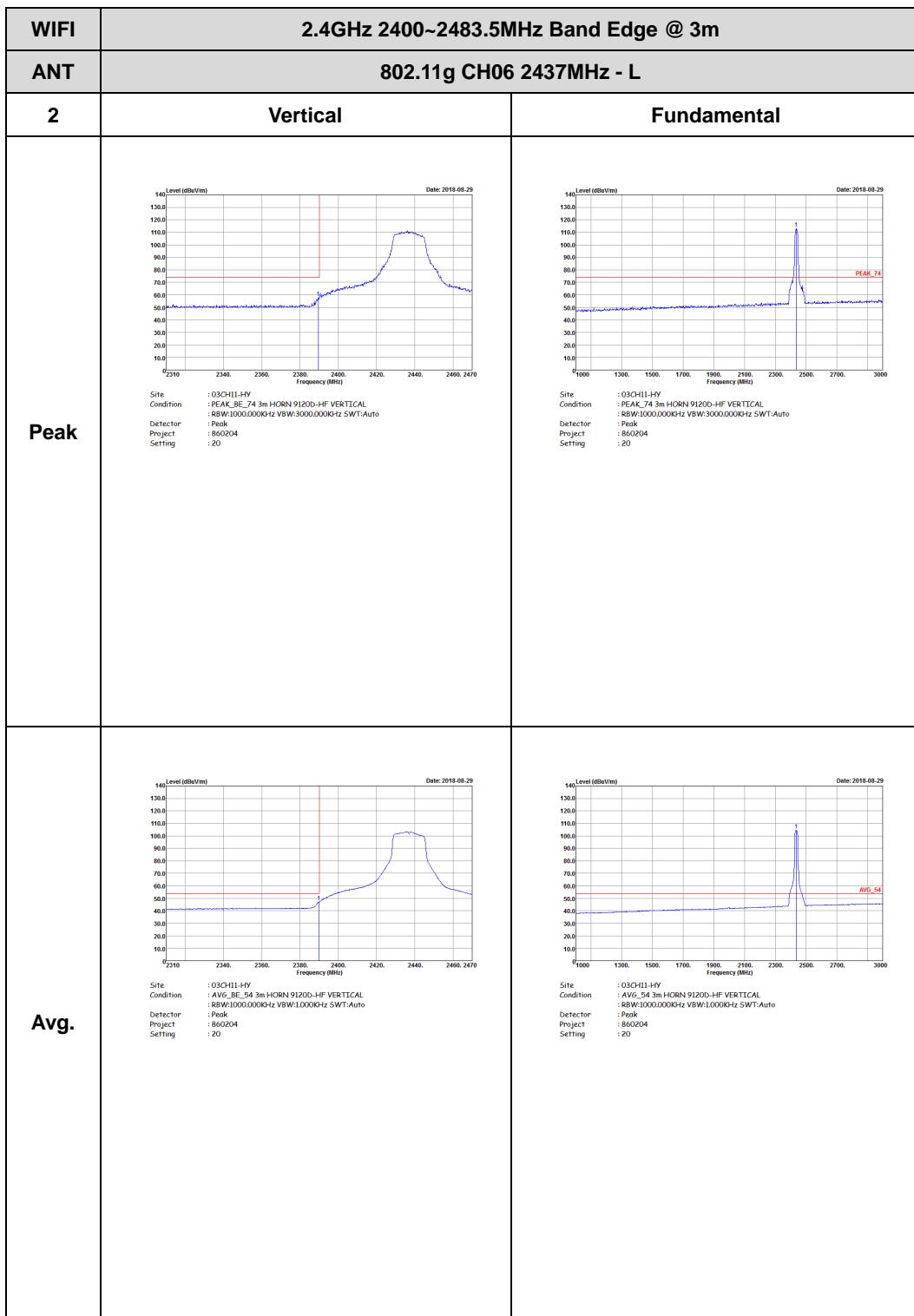
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 860204 Setting : 17.5	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 860204 Setting : 17.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:1.000Hz SWT:Auto Project : 860204 Setting : 17.5	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:1.000Hz SWT:Auto Project : 860204 Setting : 17.5





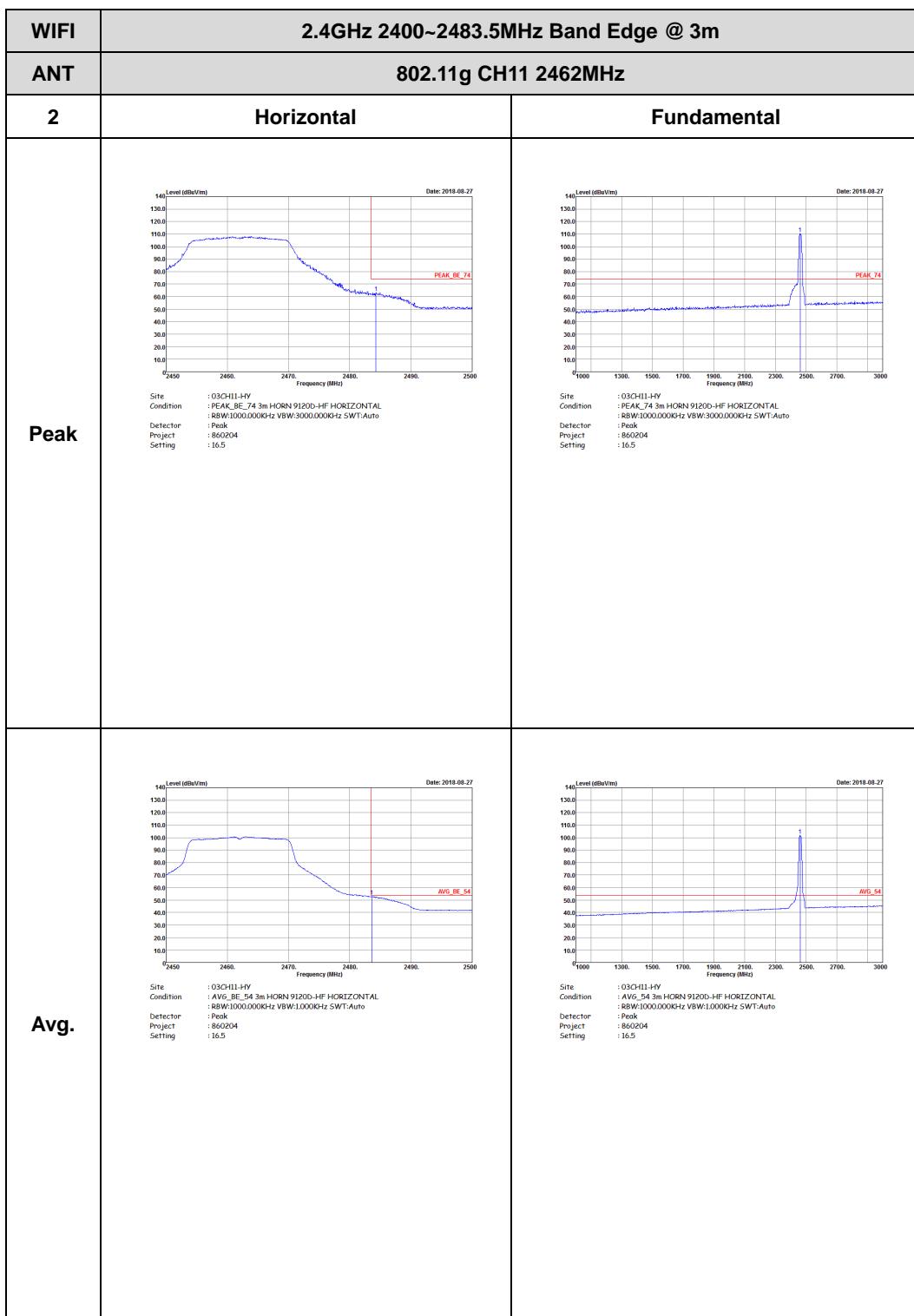


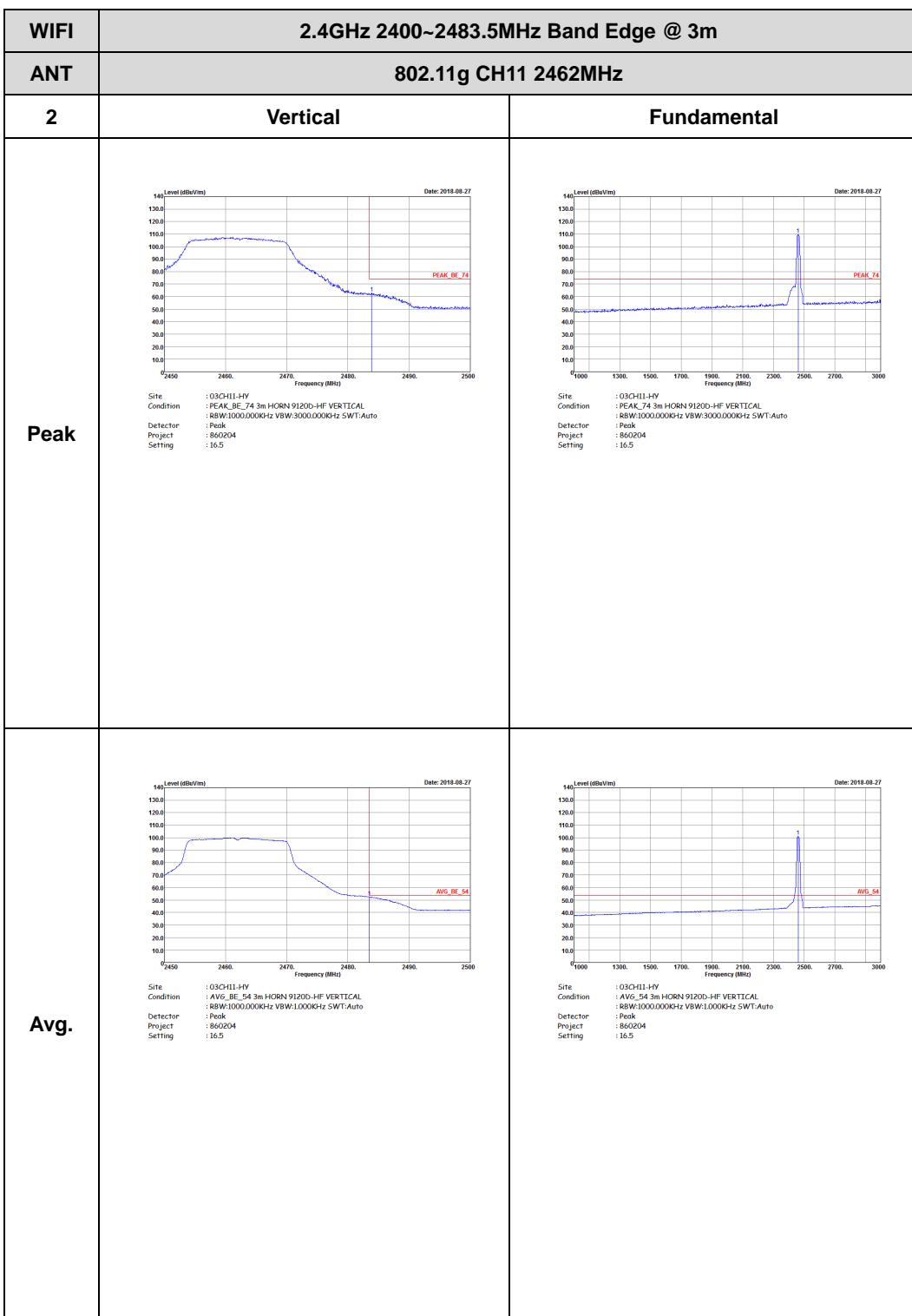
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	<p>Site : 03CH1-HY Condition : PCMC_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : 860204 Setting : 20</p>	Left blank
Avg.	<p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : 860204 Setting : 20</p>	Left blank

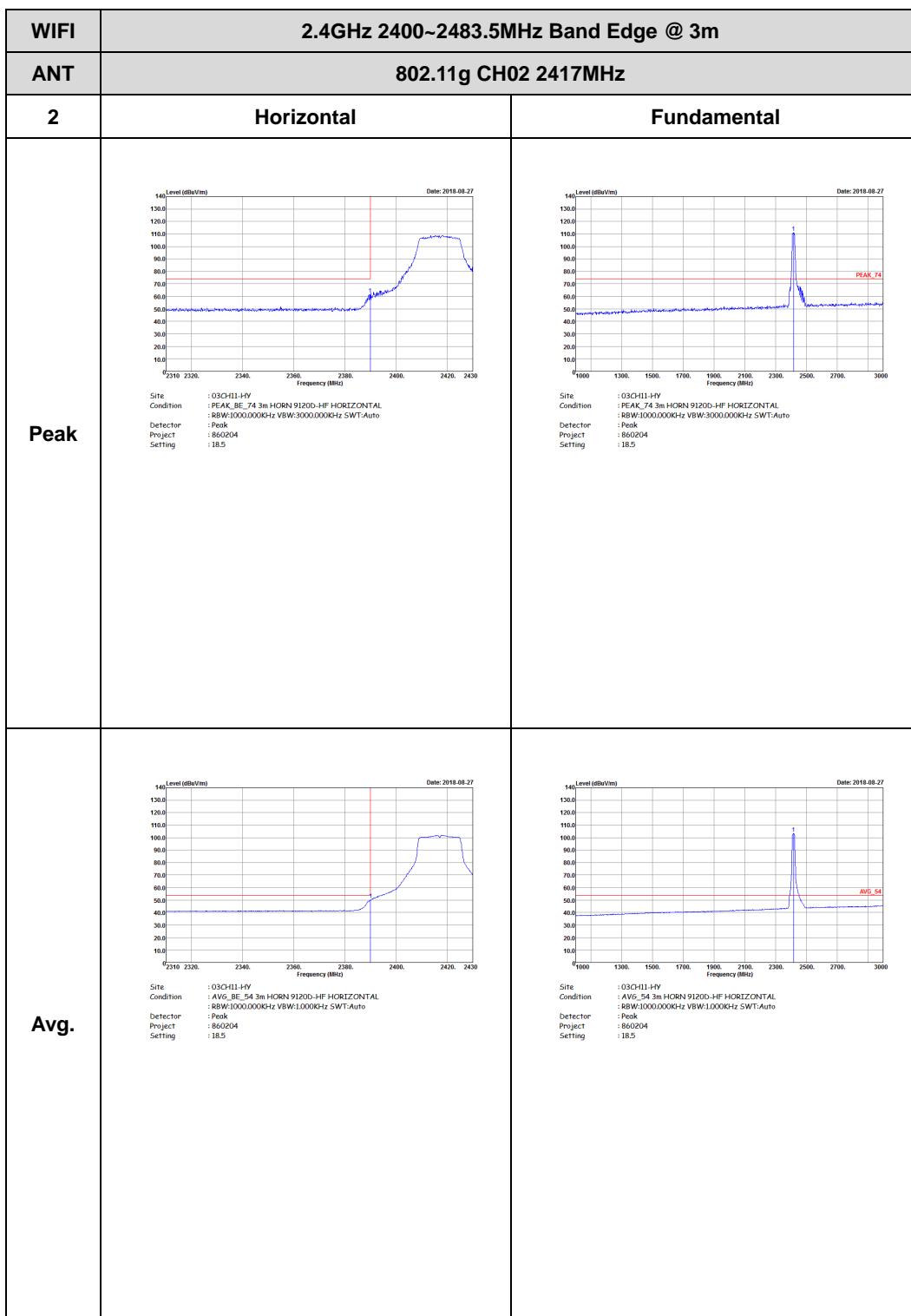


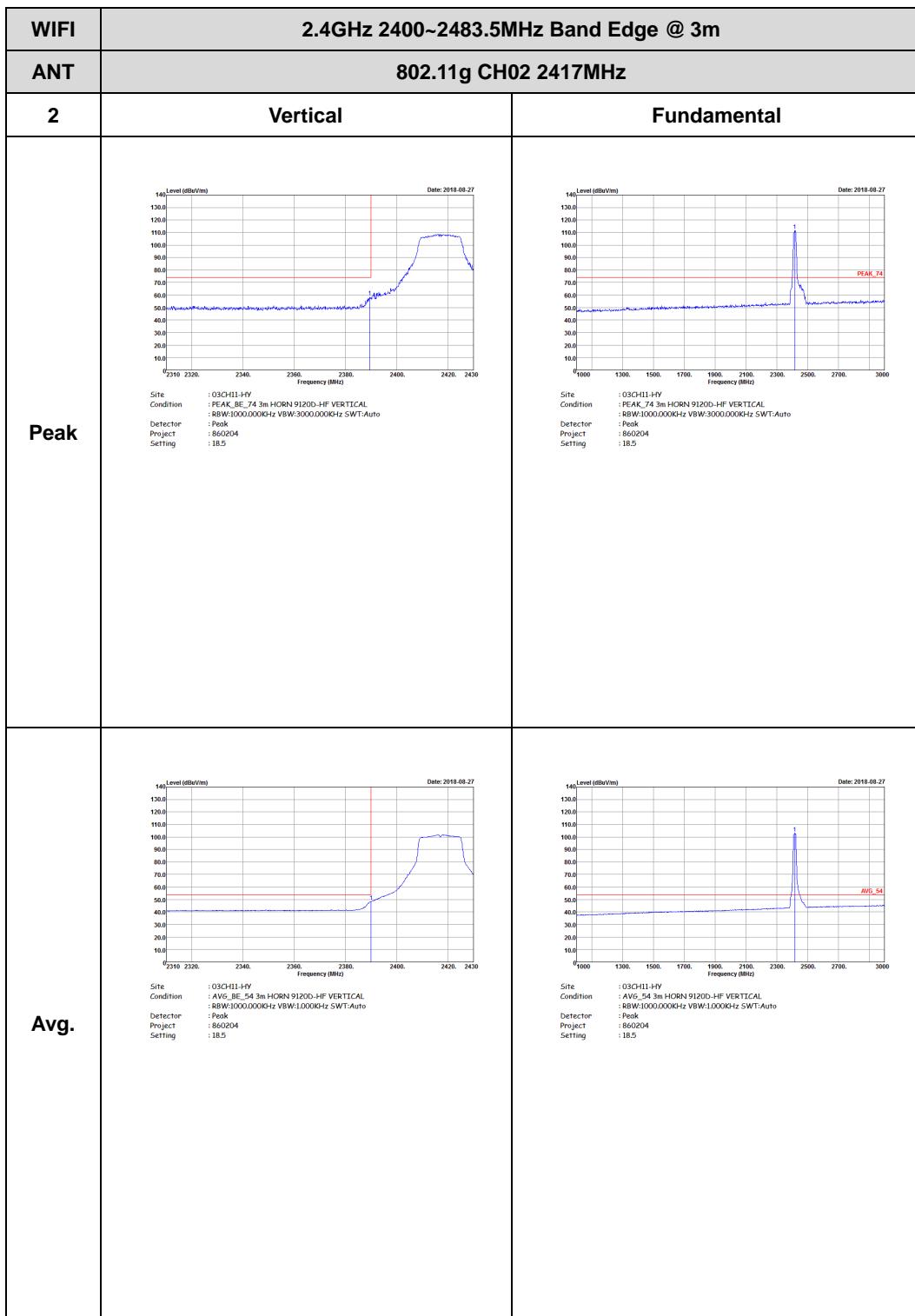


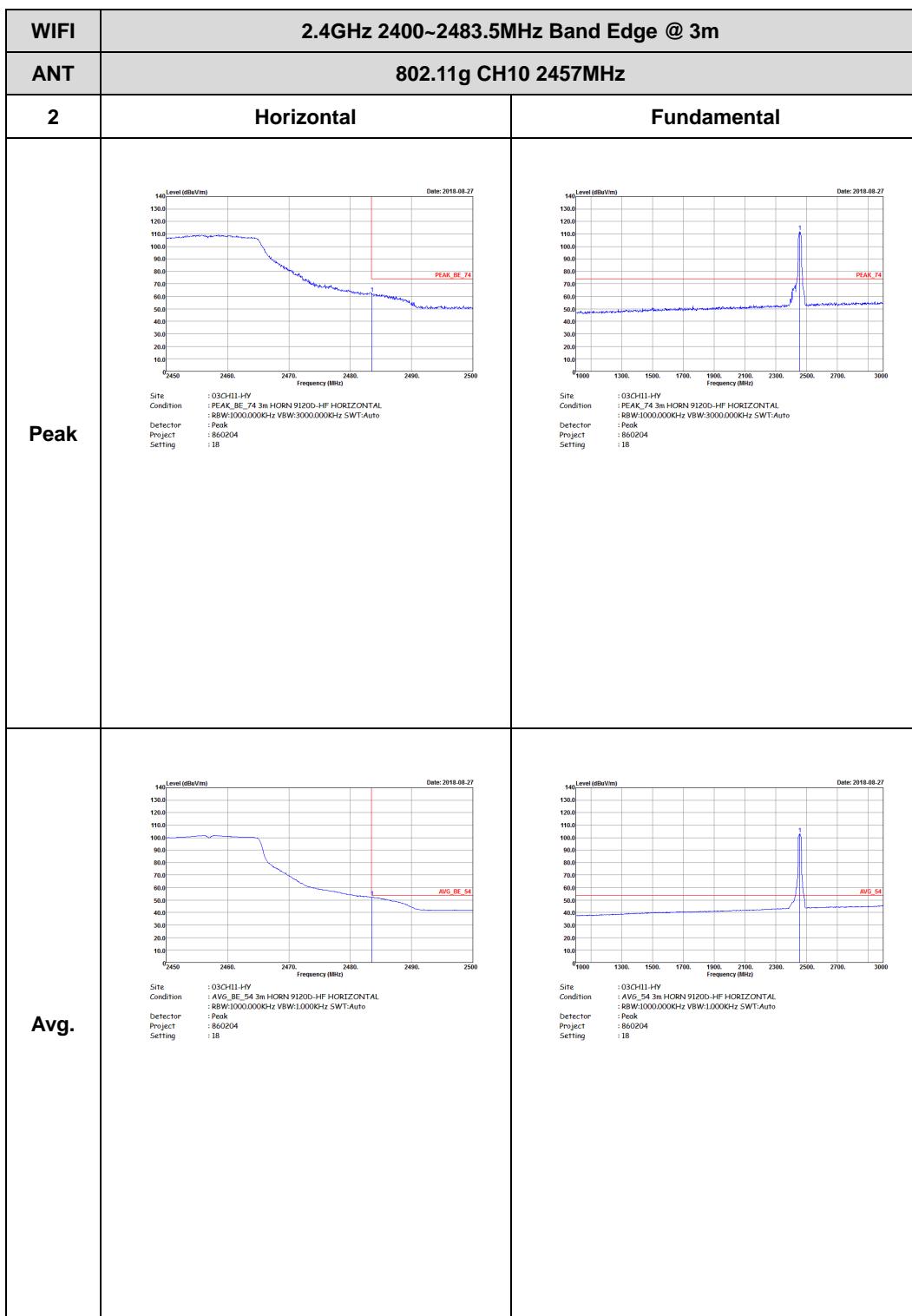
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	<p>Site : 03CH1-HY Condition : PCMK_BE_74 3m HORN 9120D-HF VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 860204 Setting : 20</p>	Left Blank
Avg.	<p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : R8W:1000.000KHz VBW:1.000KHz SWT:Auto Project : 860204 Setting : 20</p>	Left Blank

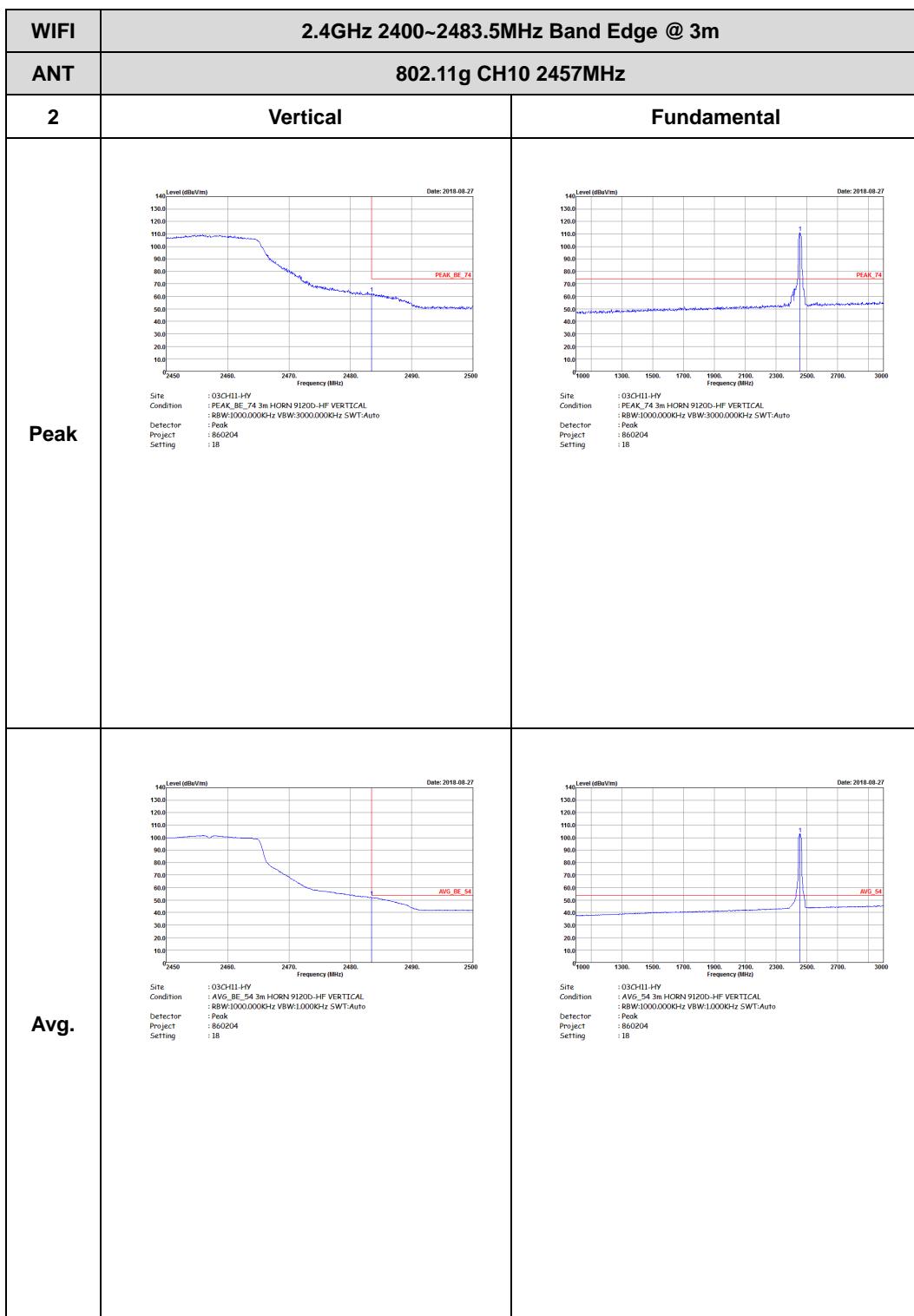










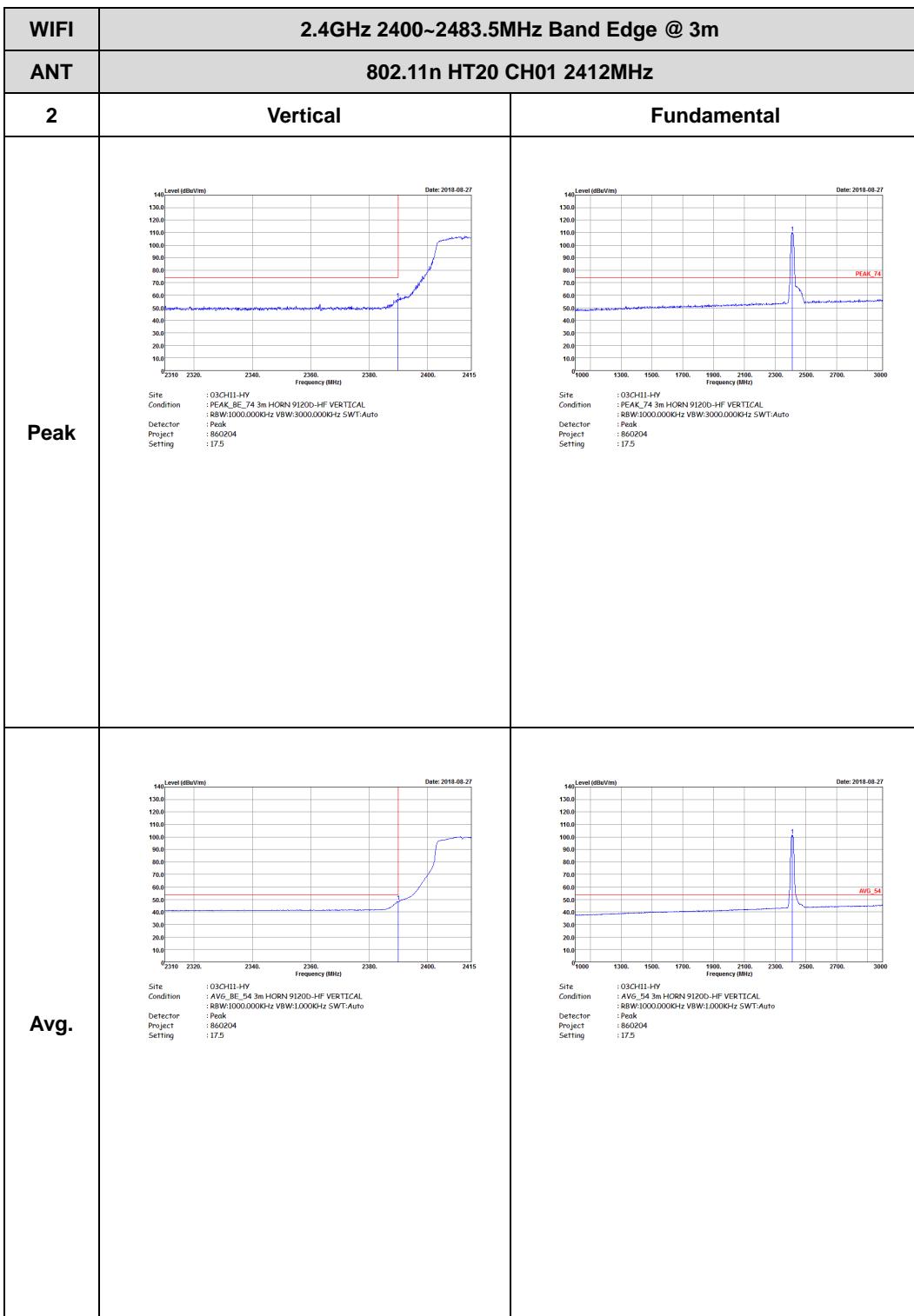


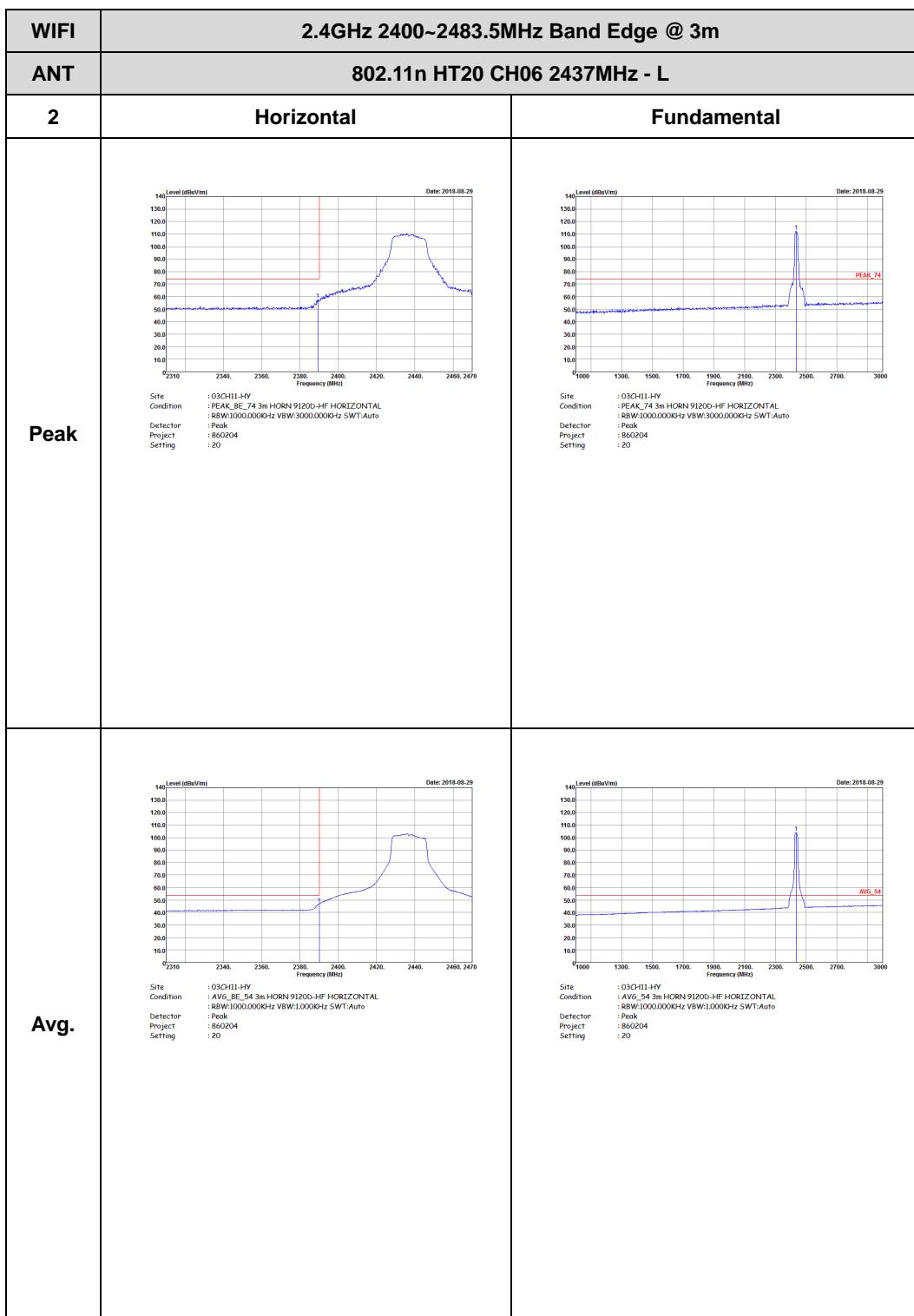


2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

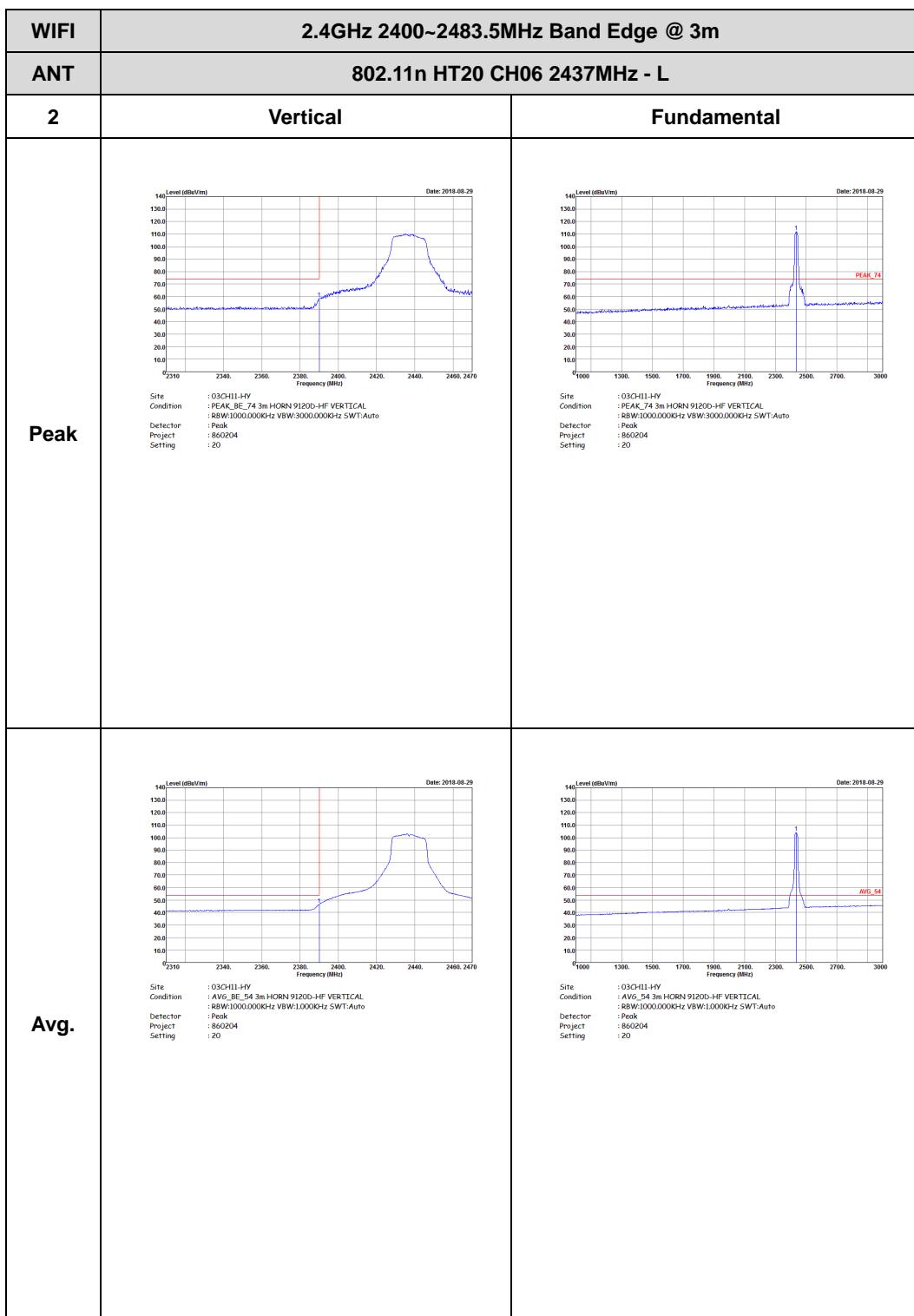
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 860204 Setting : 17.5	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 860204 Setting : 17.5
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:1.000Hz SWT:Auto Project : 860204 Setting : 17.5	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:1.000Hz SWT:Auto Project : 860204 Setting : 17.5



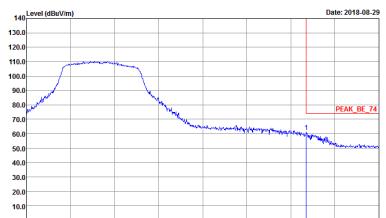


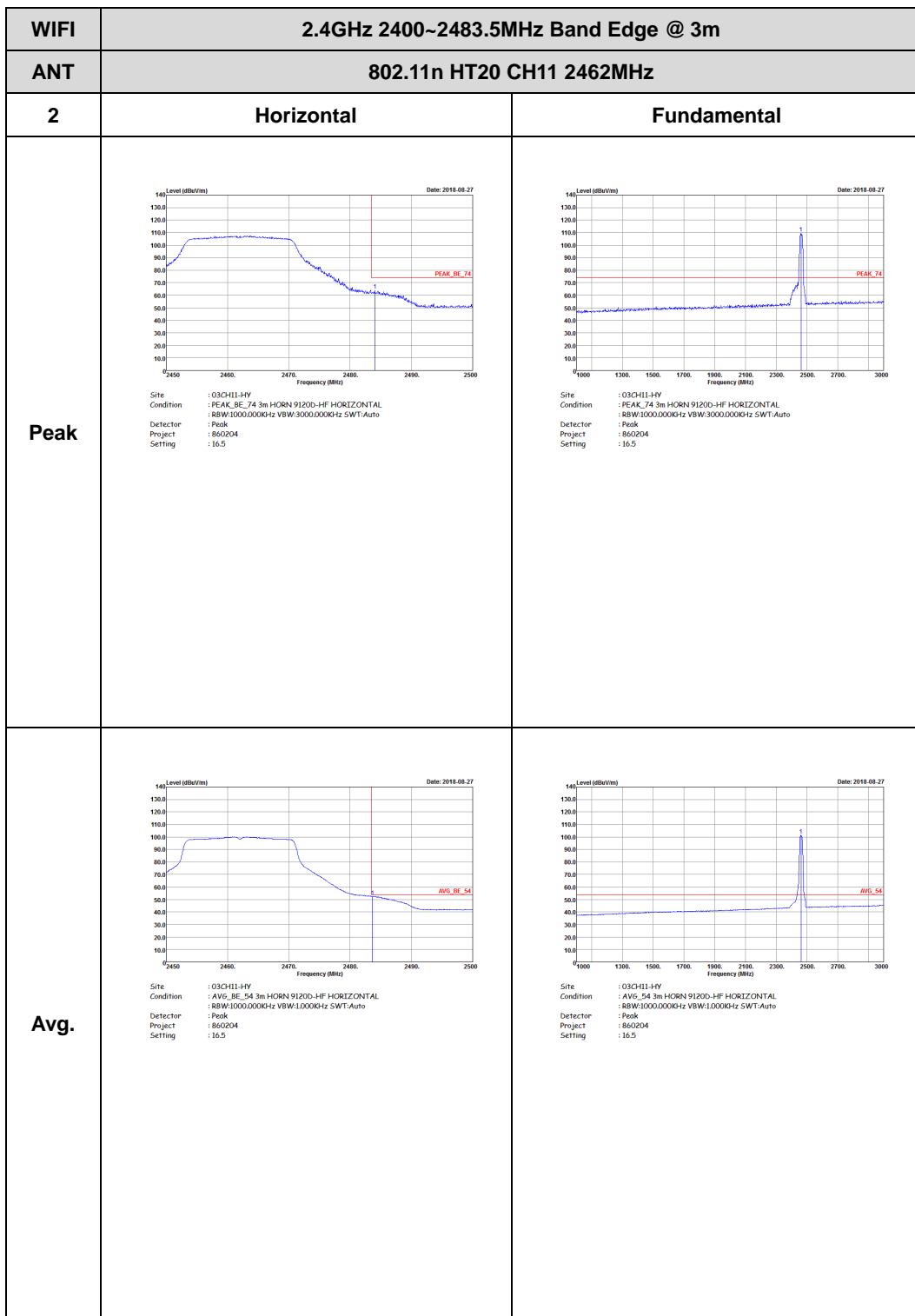


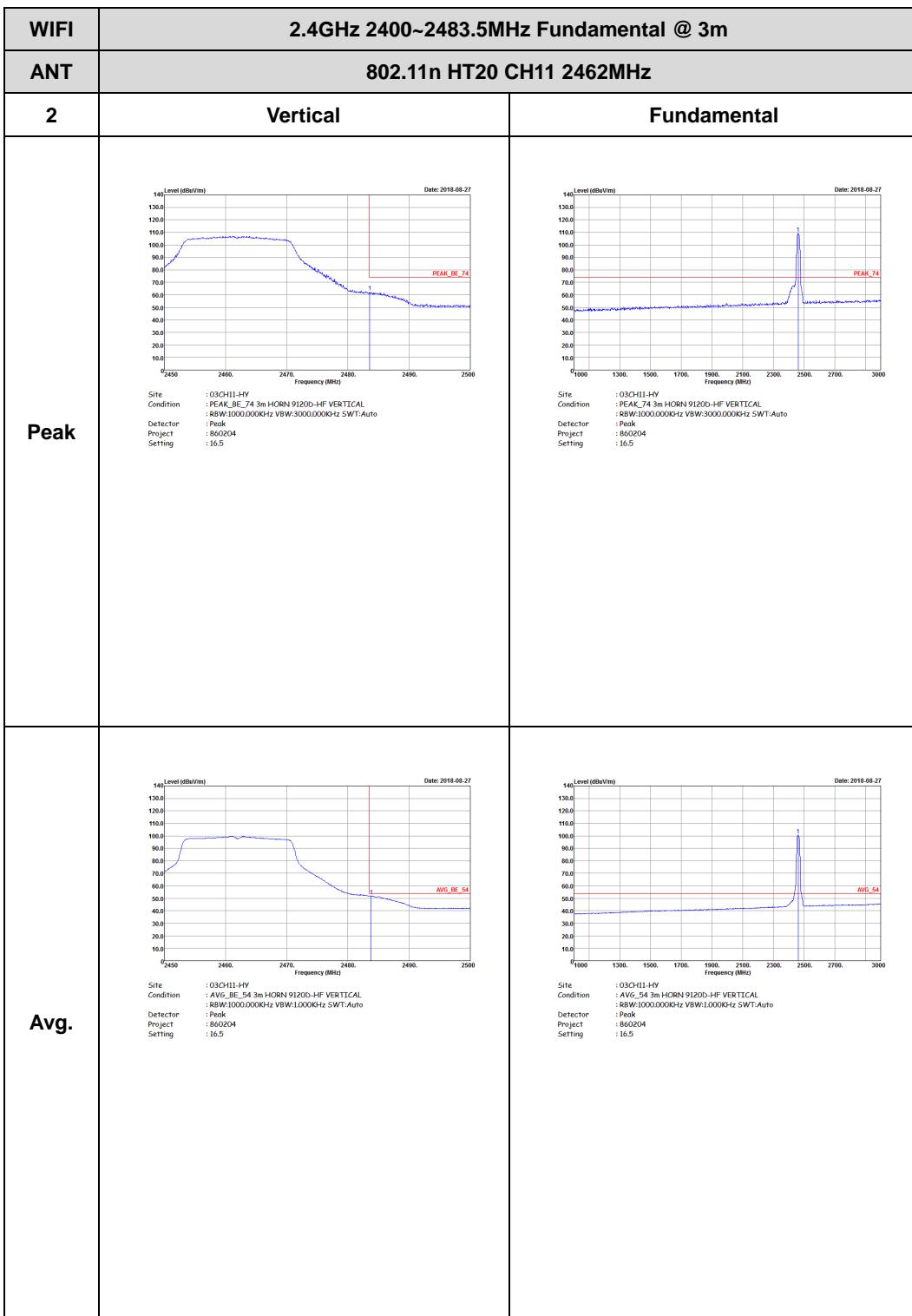
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	<p>Site : 03CH1-HY Condition : PCMC_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : 860204 Setting : 20</p>	Left blank
Avg.	<p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : 860204 Setting : 20</p>	Left blank

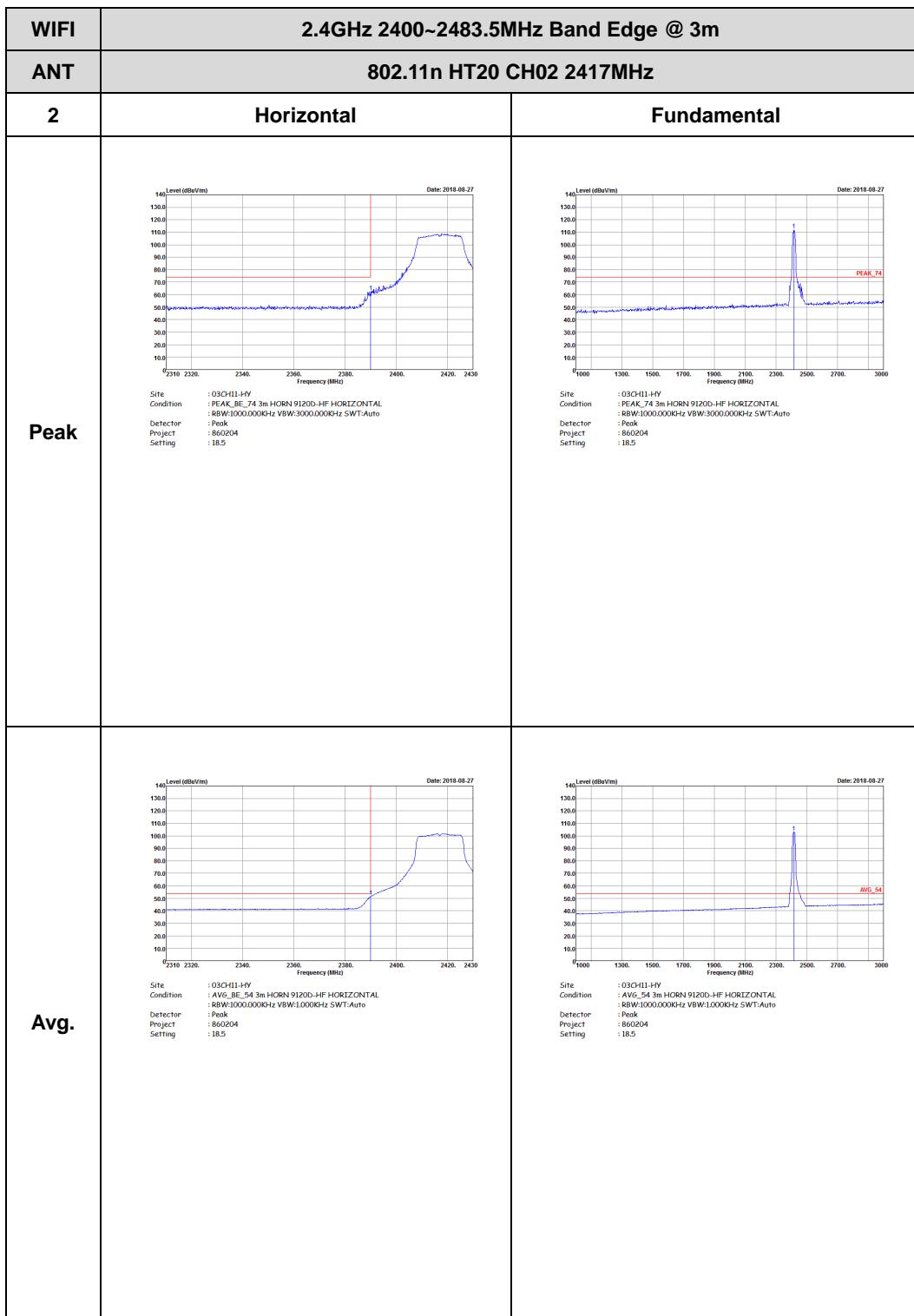


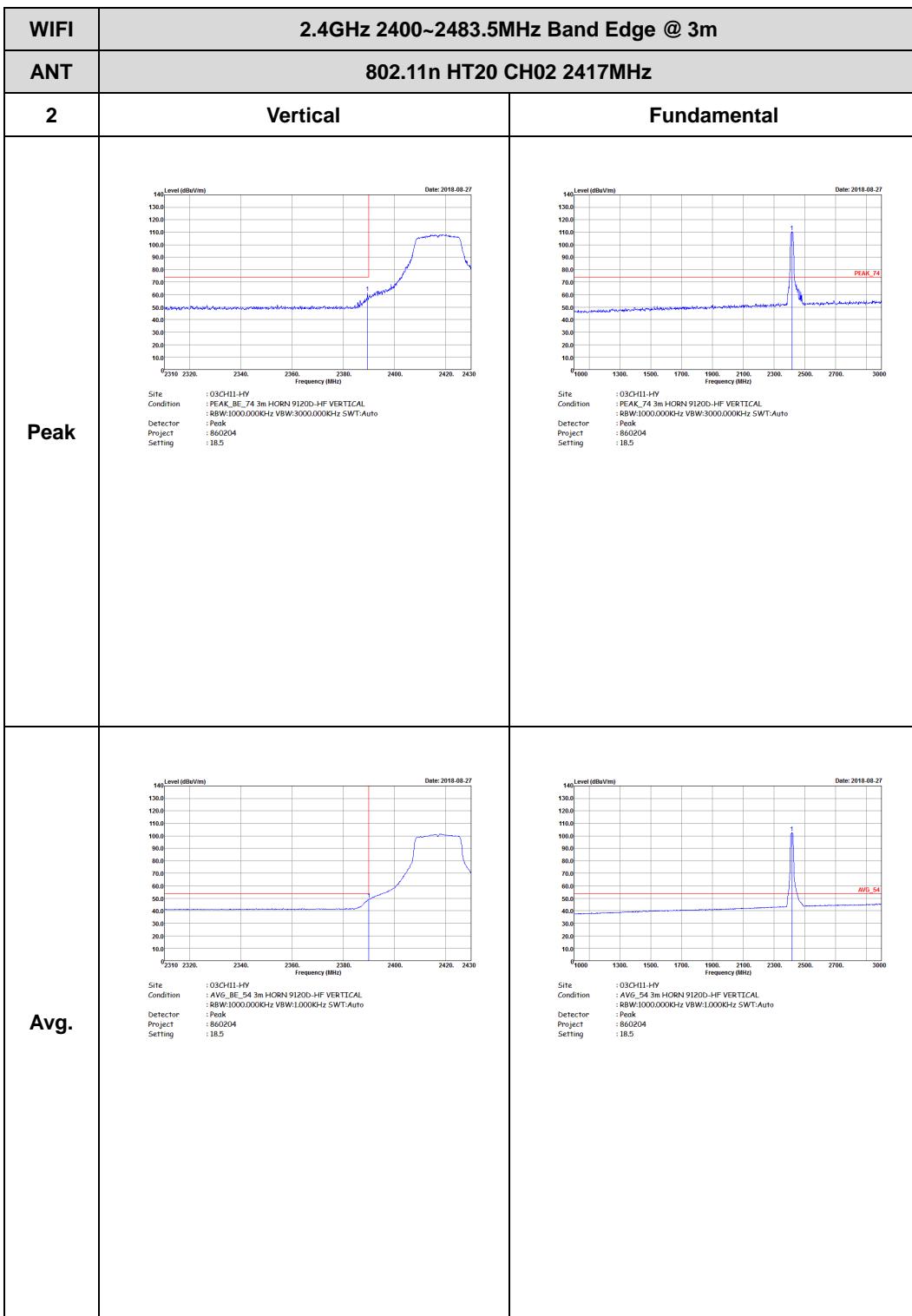


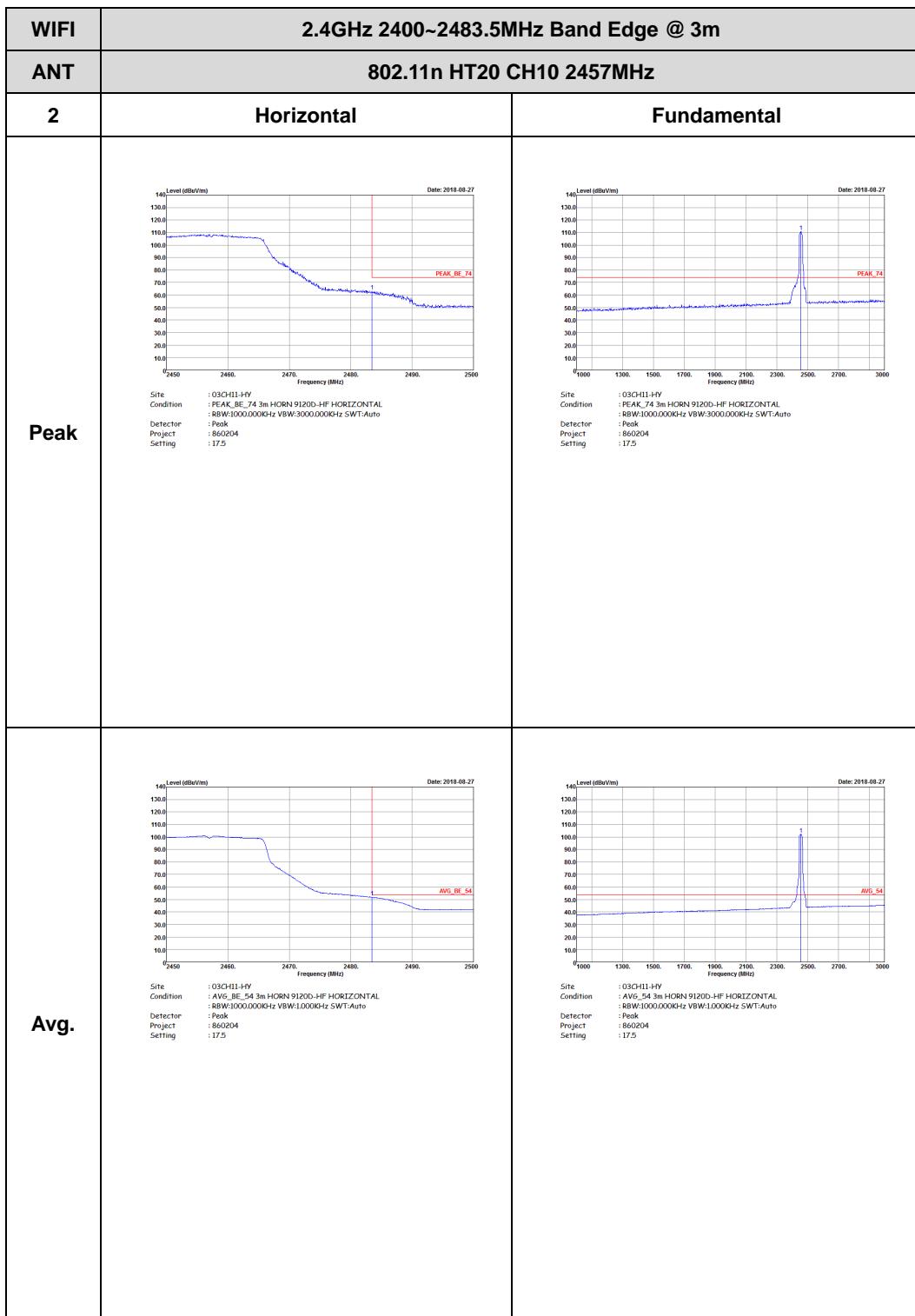
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-29</p> <p>Site : 03CH1-HY Condition : PCMK_BE_74 3m HORN 91200-HF VERTICAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : 860204 Setting : 20</p>	Left Blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-29</p> <p>Site : AVG_BE_54 3m HORN 91200-HF VERTICAL Condition : R8W1000.000KHz VBW:1000KHz SWT:Auto Detector : Peak Project : 860204 Setting : 20</p>	Left Blank

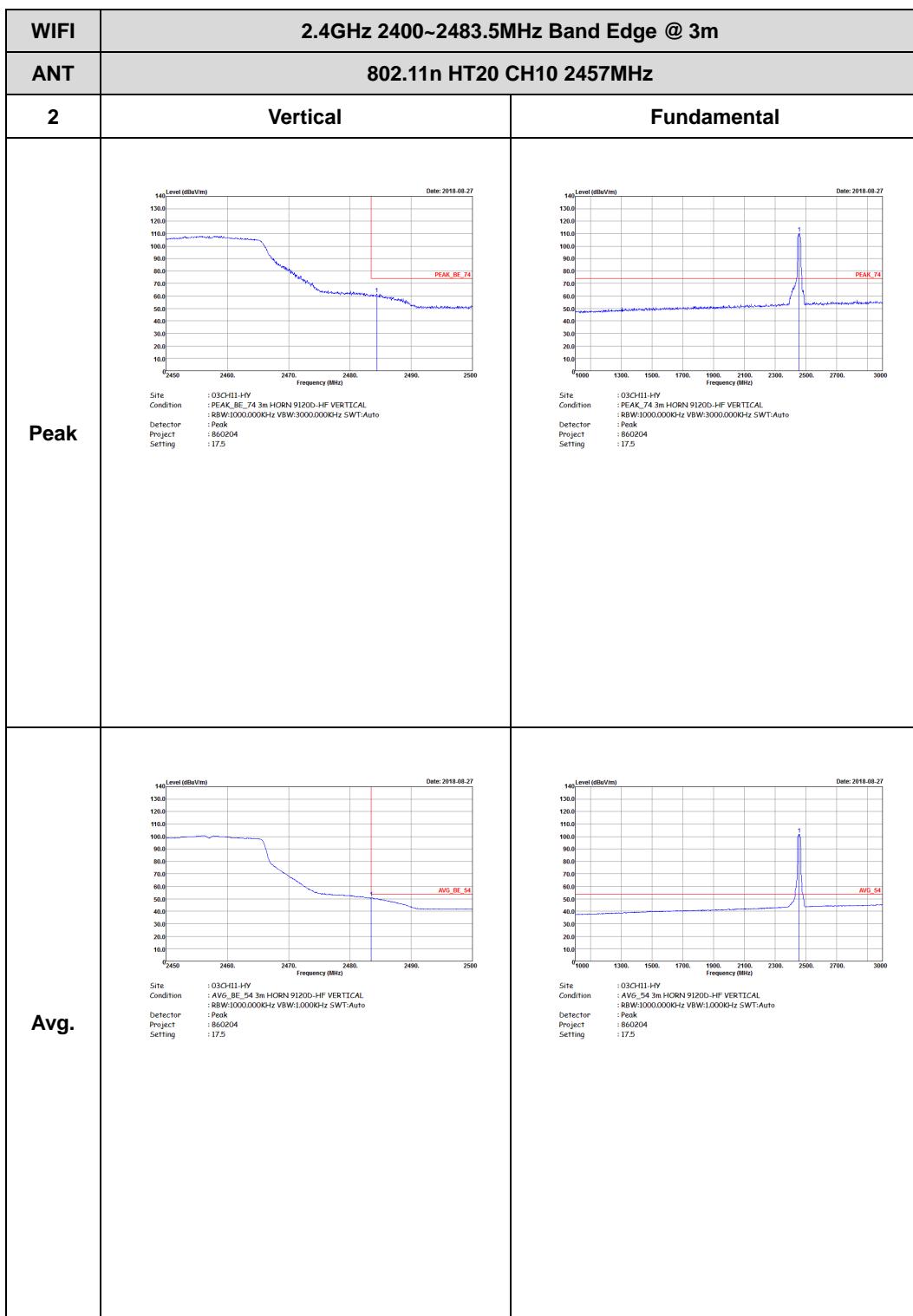












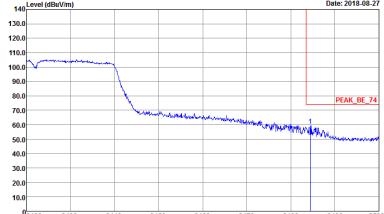
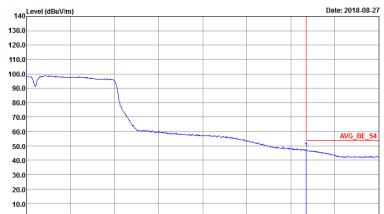


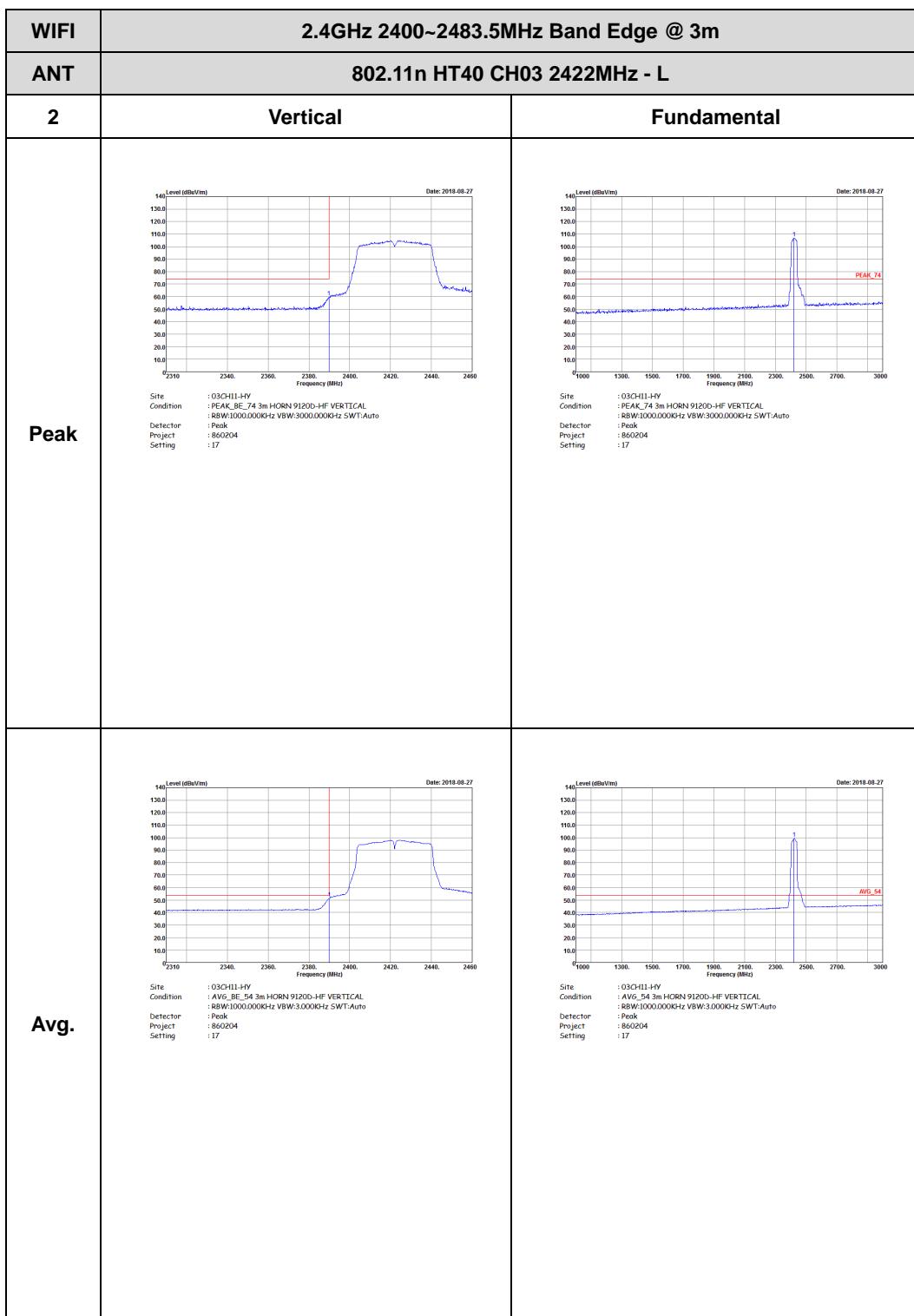
2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

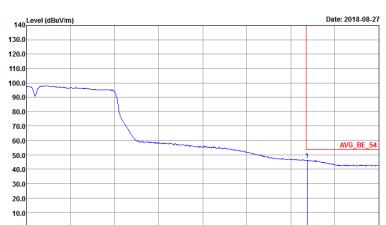
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 860204 Setting : 17	 Site : 03CH11-HY Condition : PEAK_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 860204 Setting : 17
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 17	 Site : 03CH11-HY Condition : AVG_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 17

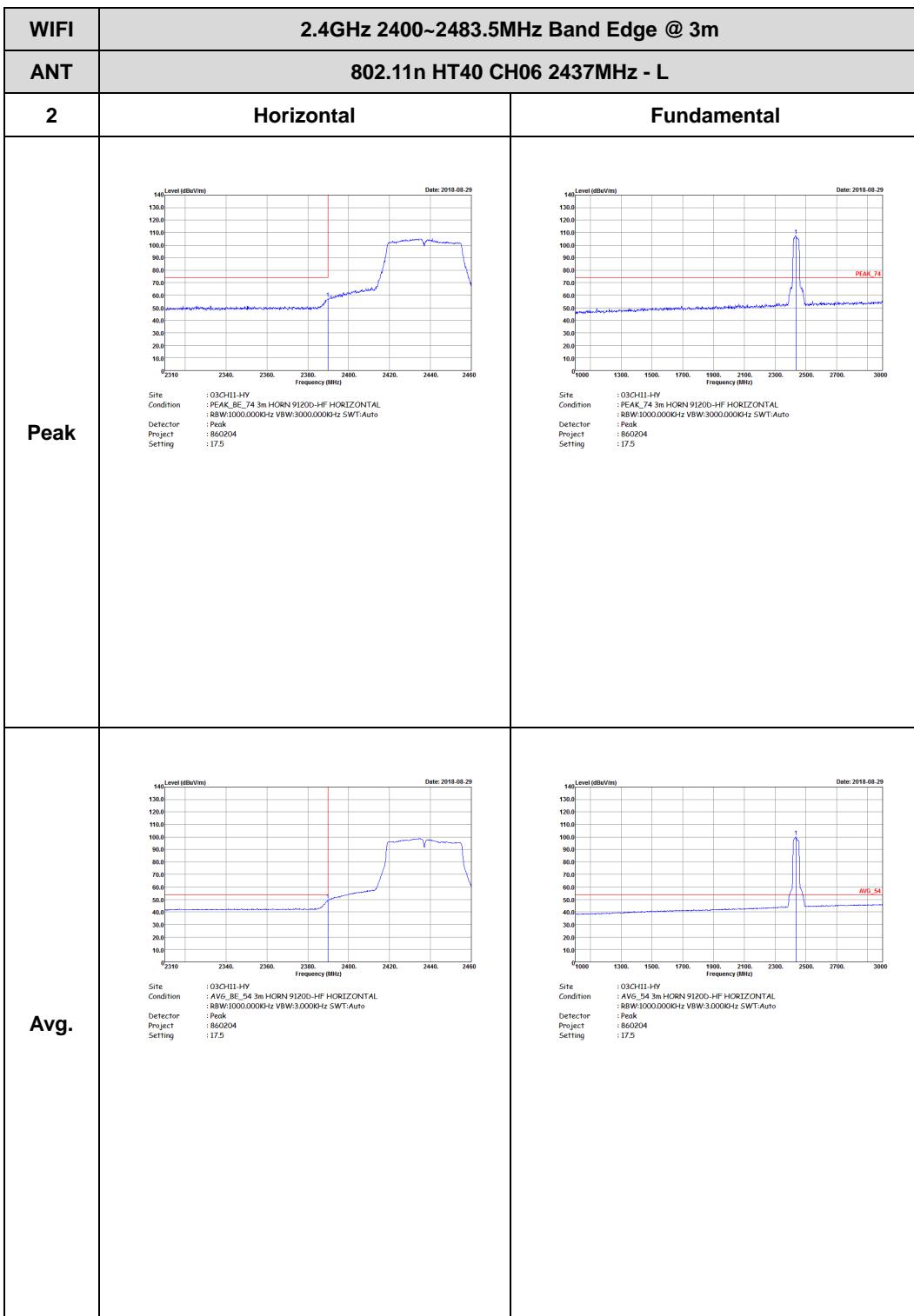


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-27</p> <p>Site : 03CH1-HY Condition : PCMK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 17</p>	Left Blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-27</p> <p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 17</p>	Left Blank



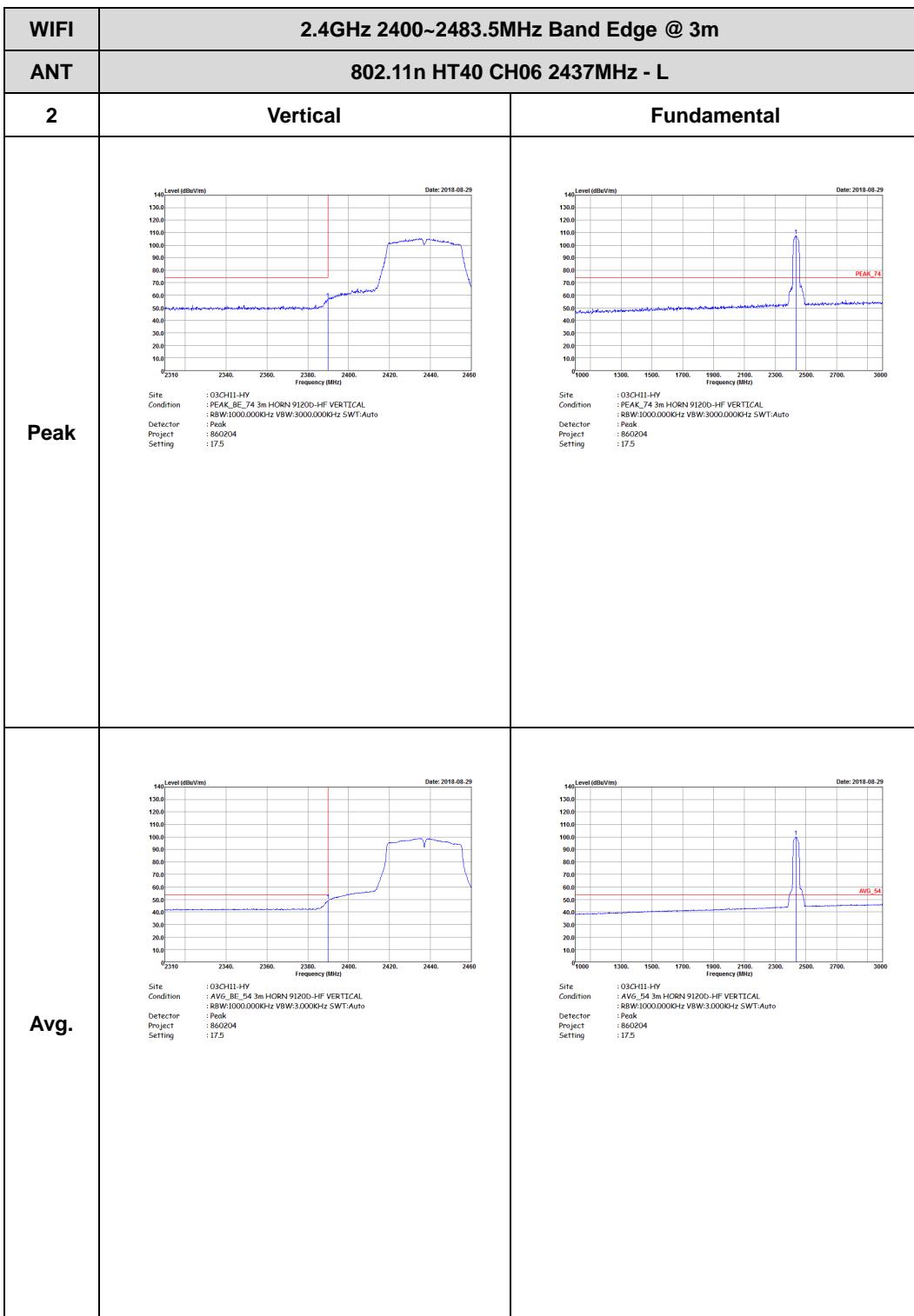


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-27</p> <p>Site : 03CH1-HY Condition : PCMK_BE_74 3m HORN 9120D-HF VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 17</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-27</p> <p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 17</p>	Left blank



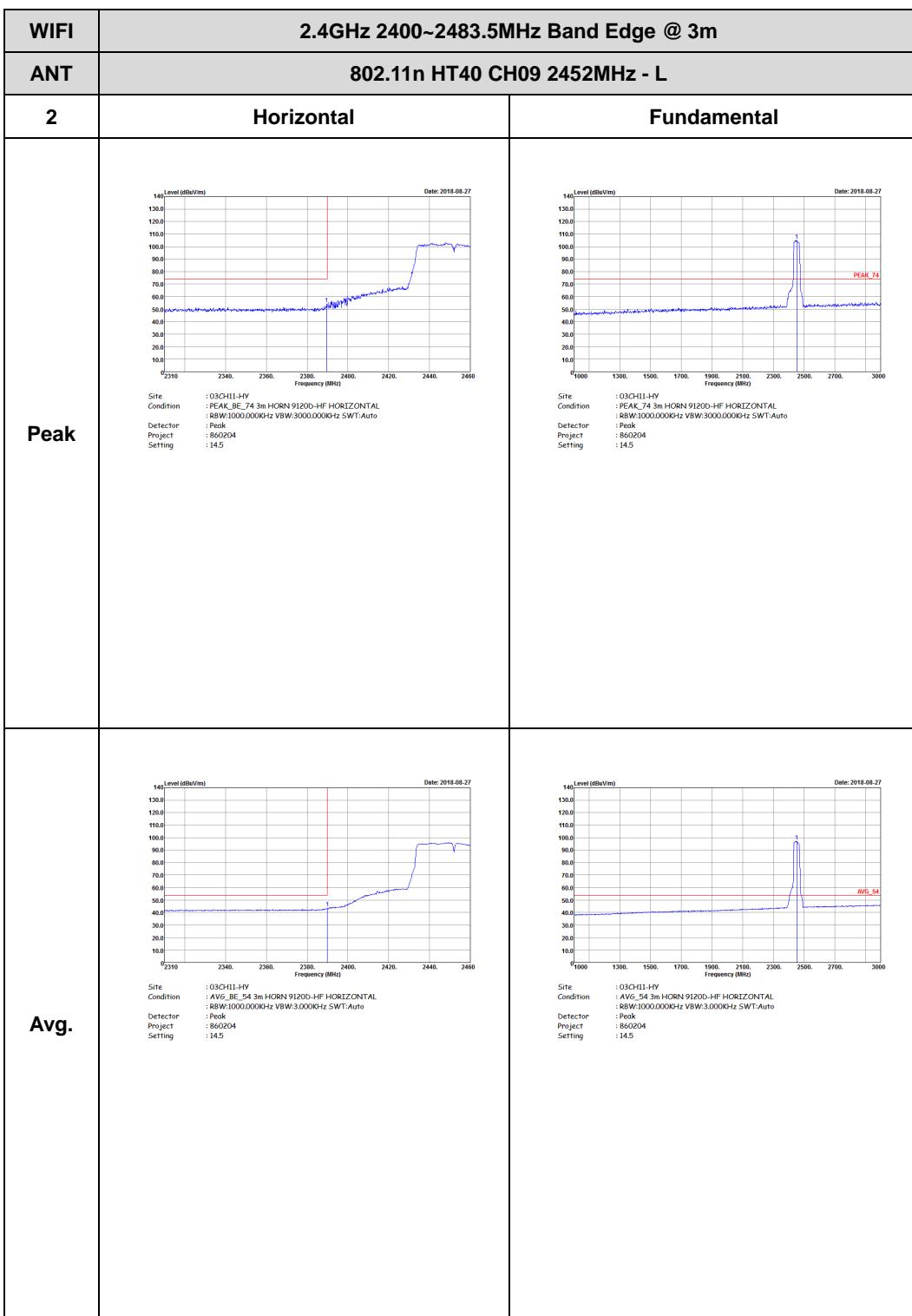


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	<p>Site : 03CH1-HY Condition : PCMK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 17.5</p>	Left blank
Avg.	<p>Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 17.5</p>	Left blank

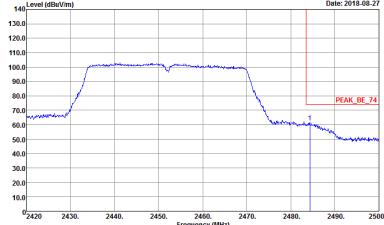
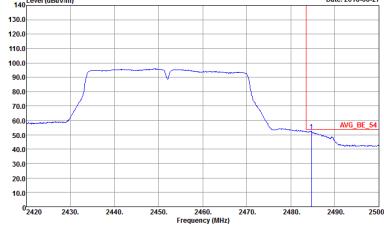


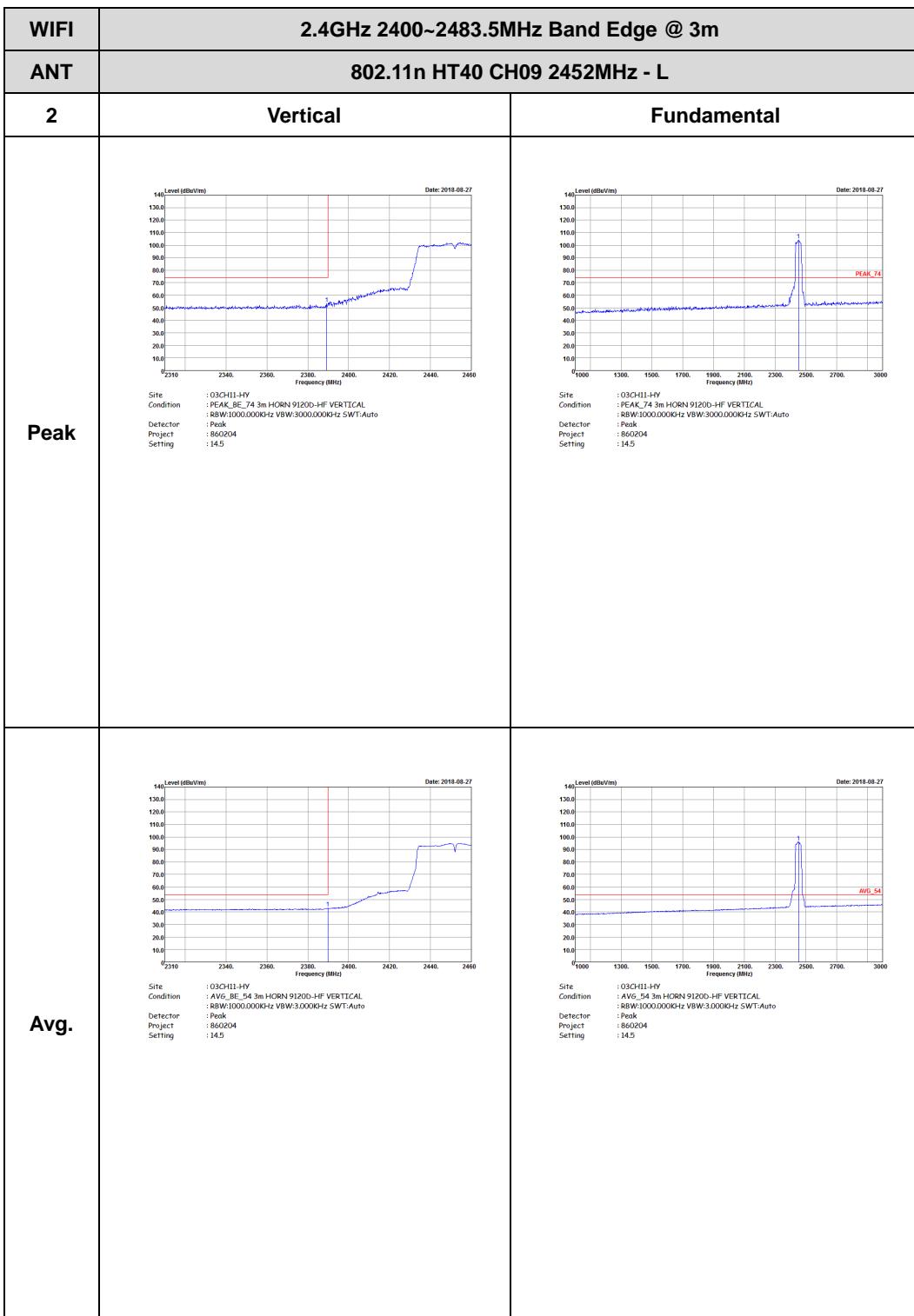


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH1-HY Condition : PC4K_BE_74 3m HORN 9120D-HF VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Setting : 860204 Setting : 17.5	Left blank
Avg.	 Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 9120D-HF VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Setting : 860204 Setting : 17.5	Left blank

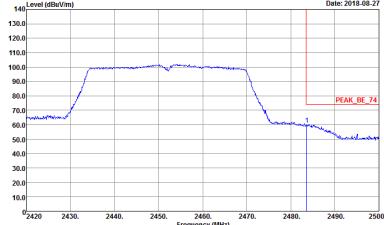
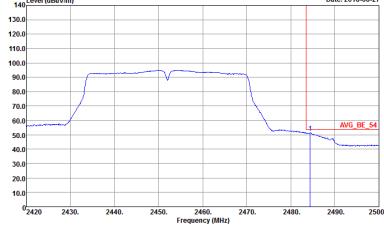


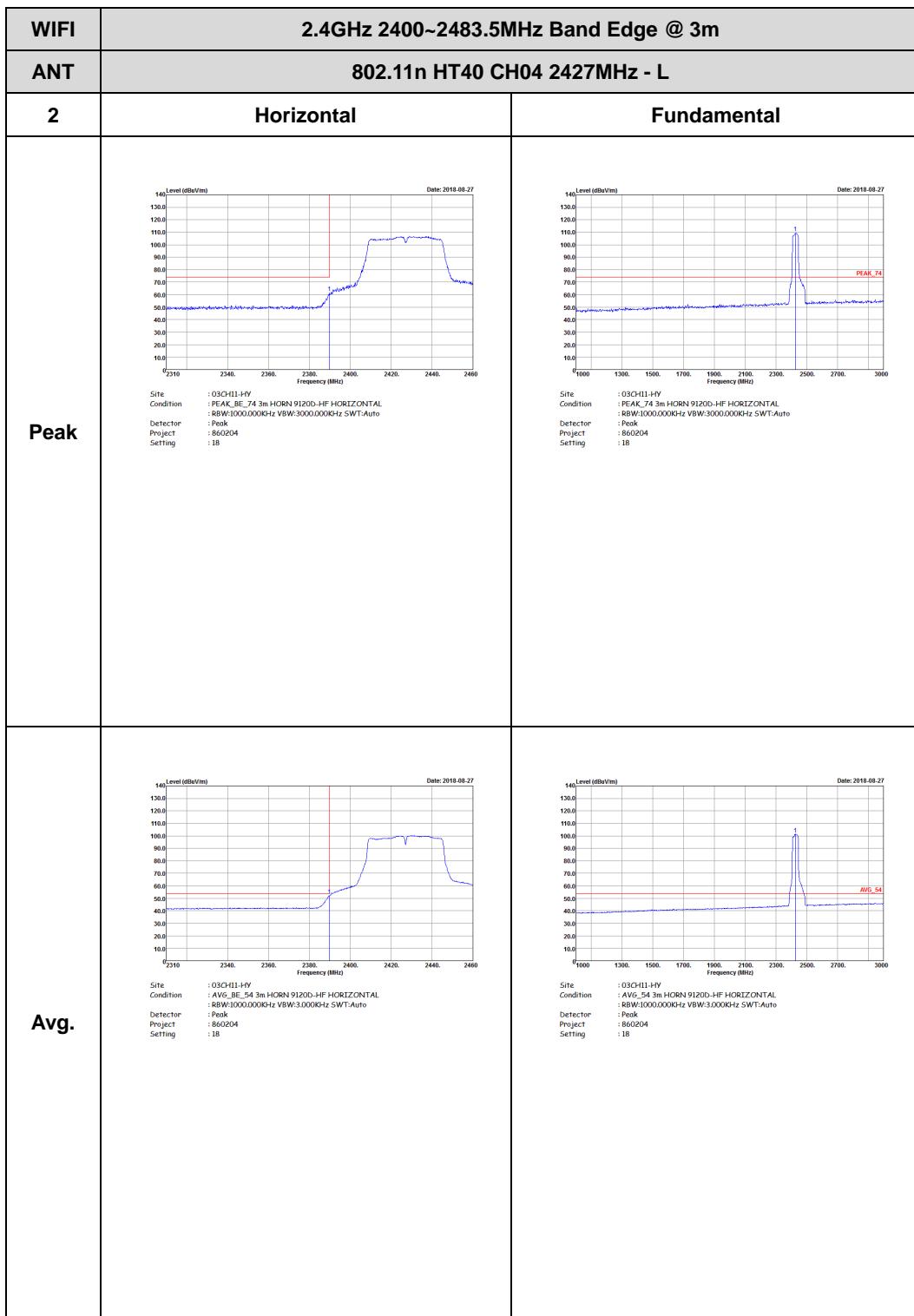


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-27</p> <p>Site : 03CH1-HY Condition : PCMK_BE_74 3m HORN 9120D-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 14.5</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-27</p> <p>Site : AVG_BE_54 3m HORN 9120D-HF HORIZONTAL Condition : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 860204 Setting : 14.5</p>	Left blank



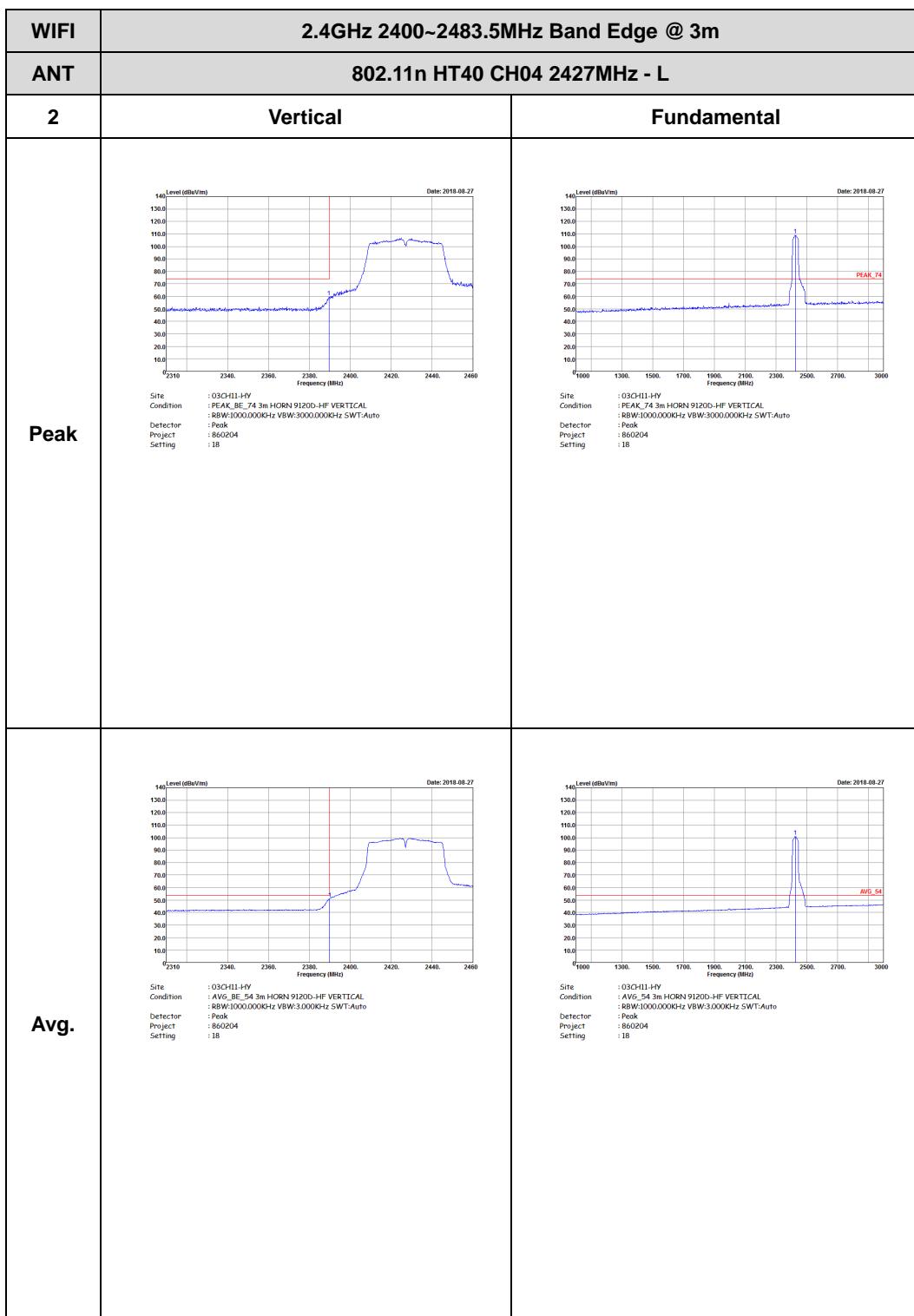


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-27</p> <p>Site : 03CH1-HY Condition : PCMK_BE_74 3m HORN 9120D-HF VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 14.5</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-27</p> <p>Site : AVG_BE_54 3m HORN 9120D-HF VERTICAL Condition : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 860204 Setting : 14.5</p>	Left blank



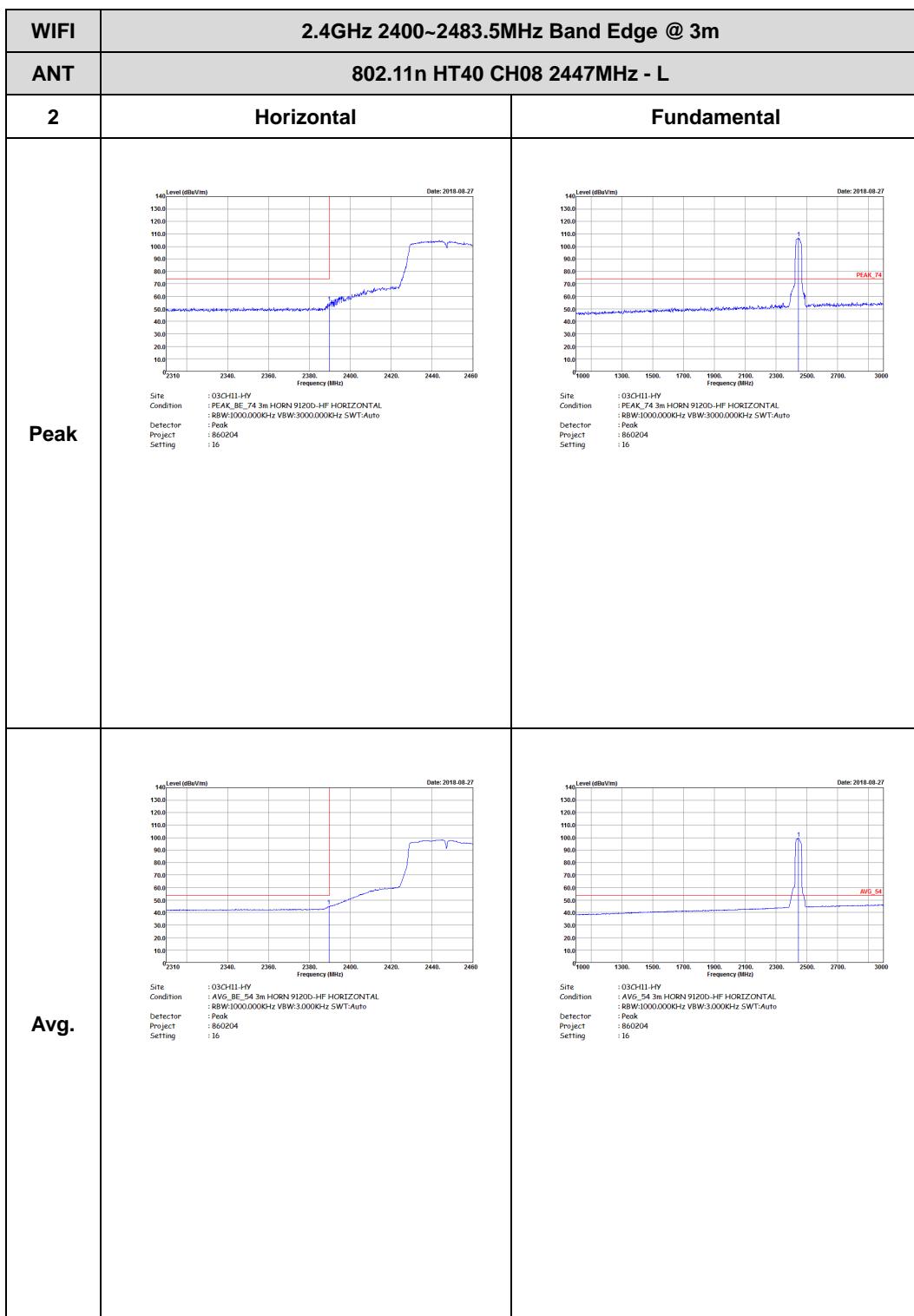


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH04 2427MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH11-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 860204 Setting : 1B	Left blank
Avg.	 Site : 03CH11-HY Condition : AVG_BE_54 3m HORN 91200-HF HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 860204 Setting : 1B	Left blank

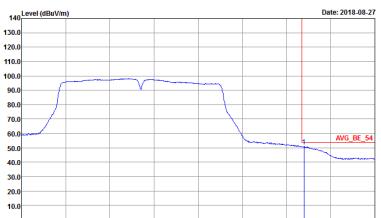




WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH04 2427MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 1B	Left blank
Avg.	 Site : 03CH1-HY Condition : AVG_BE_54 3m HORN 91200-HF VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 1B	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH08 2447MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-27</p> <p>Site : 03CH1-HY Condition : PEAK_BE_74 3m HORN 91200-HF HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 860204 Setting : 16</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2018-08-27</p> <p>Site : AVG_BE_54 3m HORN 91200-HF HORIZONTAL Condition : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 860204 Setting : 16</p>	Left blank