



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1	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		2389.905	63.82	-10.18	74	51.3	27.6	15.77	30.85	201	42	P	H
		2389.905	52.2	-1.8	54	39.68	27.6	15.77	30.85	201	42	A	H
	*	2412	109.89	-	-	97.33	27.6	15.81	30.85	201	42	P	H
	*	2412	102.13	-	-	89.57	27.6	15.81	30.85	201	42	A	H
													H
													H
		2389.485	60.65	-13.35	74	48.14	27.6	15.77	30.86	230	85	P	V
		2390	49.46	-4.54	54	36.93	27.6	15.78	30.85	230	85	A	V
	*	2412	106.27	-	-	93.71	27.6	15.81	30.85	230	85	P	V
	*	2412	98.55	-	-	85.99	27.6	15.81	30.85	230	85	A	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		2389.94	57.96	-16.04	74	45.44	27.6	15.77	30.85	215	332	P	H
		2389.52	47.39	-6.61	54	34.88	27.6	15.77	30.86	215	332	A	H
	*	2437	113.56	-	-	100.96	27.6	15.84	30.84	215	332	P	H
	*	2437	105.7	-	-	93.1	27.6	15.84	30.84	215	332	A	H
		2484.95	53.63	-20.37	74	41.07	27.47	15.91	30.82	215	332	P	H
		2483.5	44.94	-9.06	54	32.38	27.47	15.91	30.82	215	332	A	H
		2387.84	57.35	-16.65	74	44.84	27.6	15.77	30.86	399	83	P	V
		2389.8	46.37	-7.63	54	33.85	27.6	15.77	30.85	399	83	A	V
	*	2437	110.48	-	-	97.88	27.6	15.84	30.84	399	83	P	V
	*	2437	102.77	-	-	90.17	27.6	15.84	30.84	399	83	A	V
		2484.11	55.41	-18.59	74	42.85	27.47	15.91	30.82	399	83	P	V
		2483.62	45.28	-8.72	54	32.72	27.47	15.91	30.82	399	83	A	V



	*	2462	109.19	-	-	96.61	27.53	15.88	30.83	227	128	P	H
	*	2462	101.5	-	-	88.92	27.53	15.88	30.83	227	128	A	H
		2485.92	62.93	-11.07	74	50.37	27.47	15.91	30.82	227	128	P	H
		2483.68	51.26	-2.74	54	38.7	27.47	15.91	30.82	227	128	A	H
802.11ac													H
VHT20													H
CH 11	*	2462	106.51	-	-	93.93	27.53	15.88	30.83	199	83	P	V
2462MHz	*	2462	98.86	-	-	86.28	27.53	15.88	30.83	199	83	A	V
		2483.52	63.36	-10.64	74	50.8	27.47	15.91	30.82	199	83	P	V
		2483.56	52.94	-1.06	54	40.38	27.47	15.91	30.82	199	83	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	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	37.77	-36.23	74	56.03	31.3	8.5	58.06	100	0	P	H
													H
													H
													H
		4824	37.86	-36.14	74	56.12	31.3	8.5	58.06	100	0	P	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		4874	37.52	-36.48	74	55.67	31.3	8.65	58.1	100	0	P	H
		7311	44.89	-29.11	74	55.76	36.2	11.27	58.34	100	0	P	H
													H
													H
		4874	38.49	-35.51	74	56.64	31.3	8.65	58.1	100	0	P	V
		7311	44.25	-29.75	74	55.12	36.2	11.27	58.34	100	0	P	V
													V
802.11ac VHT20 CH 11 2462MHz		4924	38.48	-35.52	74	56.45	31.37	8.8	58.14	100	0	P	H
		7386	43.67	-30.33	74	54.21	36.5	11.28	58.32	100	0	P	H
													H
													H
		4924	39.22	-34.78	74	57.19	31.37	8.8	58.14	100	0	P	V
		7386	44.29	-29.71	74	54.83	36.5	11.28	58.32	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	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		2386.3	60.35	-13.65	74	47.84	27.6	15.77	30.86	203	43	P	H
		2385.88	51.88	-2.12	54	39.37	27.6	15.77	30.86	203	43	A	H
	*	2422	104.81	-	-	92.23	27.6	15.82	30.84	203	43	P	H
	*	2422	97.3	-	-	84.72	27.6	15.82	30.84	203	43	A	H
		2484.81	54.21	-19.79	74	41.65	27.47	15.91	30.82	203	43	P	H
		2484.74	44.82	-9.18	54	32.26	27.47	15.91	30.82	203	43	A	H
		2386.72	57.88	-16.12	74	45.37	27.6	15.77	30.86	292	106	P	V
		2385.6	49.75	-4.25	54	37.24	27.6	15.77	30.86	292	106	A	V
	*	2422	101.61	-	-	89.03	27.6	15.82	30.84	292	106	P	V
	*	2422	94.22	-	-	81.64	27.6	15.82	30.84	292	106	A	V
802.11ac VHT40 CH 06 2437MHz		2495.59	54.08	-19.92	74	41.57	27.4	15.92	30.81	292	106	P	V
		2485.44	44.84	-9.16	54	32.28	27.47	15.91	30.82	292	106	A	V
		2389.66	60.75	-13.25	74	48.24	27.6	15.77	30.86	167	43	P	H
		2389.94	50.54	-3.46	54	38.02	27.6	15.77	30.85	167	43	A	H
	*	2437	107.6	-	-	95	27.6	15.84	30.84	167	43	P	H
	*	2437	99.95	-	-	87.35	27.6	15.84	30.84	167	43	A	H
		2483.83	62.56	-11.44	74	50	27.47	15.91	30.82	167	43	P	H
		2483.5	52.72	-1.28	54	40.16	27.47	15.91	30.82	167	43	A	H
		2389.66	57.45	-16.55	74	44.94	27.6	15.77	30.86	293	107	P	V
		2389.94	48.48	-5.52	54	35.96	27.6	15.77	30.85	293	107	A	V
802.11ac VHT40 CH 06 2437MHz	*	2437	104.38	-	-	91.78	27.6	15.84	30.84	293	107	P	V
	*	2437	97.01	-	-	84.41	27.6	15.84	30.84	293	107	A	V
		2483.97	61.26	-12.74	74	48.7	27.47	15.91	30.82	293	107	P	V
		2483.62	50.46	-3.54	54	37.9	27.47	15.91	30.82	293	107	A	V



802.11ac		2362.92	54.09	-19.91	74	41.57	27.67	15.73	30.88	155	44	P	H
		2389.8	45.53	-8.47	54	33.01	27.6	15.77	30.85	155	44	A	H
	*	2452	102.43	-	-	89.8	27.6	15.86	30.83	155	44	P	H
	*	2452	94.78	-	-	82.15	27.6	15.86	30.83	155	44	A	H
		2483.62	60.41	-13.59	74	47.85	27.47	15.91	30.82	155	44	P	H
	VHT40	2483.69	52.48	-1.52	54	39.92	27.47	15.91	30.82	155	44	A	H
	CH 09	2312.24	54.37	-19.63	74	41.78	27.83	15.66	30.9	354	98	P	V
	2452MHz	2386.86	45.17	-8.83	54	32.66	27.6	15.77	30.86	354	98	A	V
	*	2452	99.1	-	-	86.47	27.6	15.86	30.83	354	98	P	V
	*	2452	91.68	-	-	79.05	27.6	15.86	30.83	354	98	A	V
		2484.67	58.7	-15.3	74	46.14	27.47	15.91	30.82	354	98	P	V
		2484.46	50.31	-3.69	54	37.75	27.47	15.91	30.82	354	98	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	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	38.34	-35.66	74	56.56	31.3	8.56	58.08	100	0	P	H
		7266	43.48	-30.52	74	54.37	36.2	11.26	58.35	100	0	P	H
													H
													H
		4844	37.81	-36.19	74	56.03	31.3	8.56	58.08	100	0	P	V
		7266	43.24	-30.76	74	54.13	36.2	11.26	58.35	100	0	P	V
													V
802.11ac VHT40 CH 06 2437MHz		4874	38.09	-35.91	74	56.24	31.3	8.65	58.1	100	0	P	H
		7311	43.97	-30.03	74	54.84	36.2	11.27	58.34	100	0	P	H
													H
													H
		4874	37.74	-36.26	74	55.89	31.3	8.65	58.1	100	0	P	V
		7311	43.52	-30.48	74	54.39	36.2	11.27	58.34	100	0	P	V
													V
802.11ac VHT40 CH 09 2452MHz		4904	38.43	-35.57	74	56.48	31.33	8.74	58.12	100	0	P	H
		7356	43.43	-30.57	74	54.18	36.3	11.28	58.33	100	0	P	H
													H
													H
		4904	38.13	-35.87	74	56.18	31.33	8.74	58.12	100	0	P	V
		7356	42.92	-31.08	74	53.67	36.3	11.28	58.33	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

2.4GHz WIFI 802.11ac VHT20 (LF)

WIFI Ant. 1	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)
		84.32	22.44	-17.56	40	39.74	14.03	1.12	32.54	-	-	P	H
		107.6	23.84	-19.66	43.5	38.33	16.7	1.25	32.51	-	-	P	H
		274.44	28.19	-17.81	46	39.72	18.82	1.98	32.53	-	-	P	H
		323.91	30.05	-15.95	46	40.79	19.58	2.14	32.54	-	-	P	H
		576.11	28.92	-17.08	46	32.43	26.08	2.84	32.59	-	-	P	H
		755.56	32.08	-13.92	46	32.63	28.4	3.21	32.29	100	0	P	H
													H
													H
													H
													H
													H
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
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 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)
802.11b CH 01 2412MHz		2311.89	53.38	-20.62	74	40.79	27.83	15.66	30.9	107	270	P	H
		2389.17	43.27	-10.73	54	30.76	27.6	15.77	30.86	107	270	A	H
	*	2412	110.43	-	-	97.87	27.6	15.81	30.85	107	270	P	H
	*	2412	107.33	-	-	94.77	27.6	15.81	30.85	107	270	A	H
													H
													H
		2389.17	53.58	-20.42	74	41.07	27.6	15.77	30.86	344	250	P	V
		2390	43.56	-10.44	54	31.03	27.6	15.78	30.85	344	250	A	V
	*	2412	111.3	-	-	98.74	27.6	15.81	30.85	344	250	P	V
	*	2412	108.19	-	-	95.63	27.6	15.81	30.85	344	250	A	V
													V
													V
802.11b CH 06 2437MHz		2364.32	53.03	-20.97	74	40.48	27.67	15.74	30.86	258	34	P	H
		2389.38	42.68	-11.32	54	30.17	27.6	15.77	30.86	258	34	A	H
	*	2437	111.48	-	-	98.88	27.6	15.84	30.84	258	34	P	H
	*	2437	108.36	-	-	95.76	27.6	15.84	30.84	258	34	A	H
		2485.23	52.77	-21.23	74	40.21	27.47	15.91	30.82	258	34	P	H
		2484.11	42.8	-11.2	54	30.24	27.47	15.91	30.82	258	34	A	H
		2371.32	53.65	-20.35	74	41.13	27.63	15.75	30.86	292	253	P	V
		2389.94	42.93	-11.07	54	30.41	27.6	15.77	30.85	292	253	A	V
	*	2437	111.44	-	-	98.84	27.6	15.84	30.84	292	253	P	V
	*	2437	108.2	-	-	95.6	27.6	15.84	30.84	292	253	A	V
		2498.39	53.36	-20.64	74	40.84	27.4	15.93	30.81	292	253	P	V
		2483.97	42.68	-11.32	54	30.12	27.47	15.91	30.82	292	253	A	V



802.11b CH 11 2462MHz	*	2462	112.54	-	-	99.96	27.53	15.88	30.83	341	34	P	H
	*	2462	109.33	-	-	96.75	27.53	15.88	30.83	341	34	A	H
		2486.56	55.73	-18.27	74	43.17	27.47	15.91	30.82	341	34	P	H
		2486.04	47.89	-6.11	54	35.33	27.47	15.91	30.82	341	34	A	H
													H
													H
	*	2462	110.67	-	-	98.09	27.53	15.88	30.83	286	259	P	V
	*	2462	107.43	-	-	94.85	27.53	15.88	30.83	286	259	A	V
		2484	54.76	-19.24	74	42.2	27.47	15.91	30.82	286	259	P	V
		2486.12	45.77	-8.23	54	33.21	27.47	15.91	30.82	286	259	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. 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	39.11	-34.89	74	57.37	31.3	8.5	58.06	100	0	P	H
													H
													H
													H
		4824	39.38	-34.62	74	57.64	31.3	8.5	58.06	100	0	P	V
													V
													V
													V
802.11b CH 06 2437MHz		4874	39.71	-34.29	74	57.86	31.3	8.65	58.1	100	0	P	H
		7311	45.3	-28.7	74	56.17	36.2	11.27	58.34	100	0	P	H
													H
		4874	38.69	-35.31	74	56.84	31.3	8.65	58.1	100	0	P	V
		7311	44.39	-29.61	74	55.26	36.2	11.27	58.34	100	0	P	V
													V
													V
													V
802.11b CH 11 2462MHz		4924	38.94	-35.06	74	56.91	31.37	8.8	58.14	100	0	P	H
		7386	46.99	-27.01	74	57.53	36.5	11.28	58.32	100	0	P	H
													H
		4924	39.34	-34.66	74	57.31	31.37	8.8	58.14	100	0	P	V
		7386	45.08	-28.92	74	55.62	36.5	11.28	58.32	100	0	P	V
													V
													V
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



2.4GHz 2400~2483.5MHz

WIFI 802.11g (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)
802.11g CH 01 2412MHz		2389.59	61.22	-12.78	74	48.71	27.6	15.77	30.86	113	40	P	H
		2390	51.57	-2.43	54	39.04	27.6	15.78	30.85	113	40	A	H
	*	2412	107.55	-	-	94.99	27.6	15.81	30.85	113	40	P	H
	*	2412	100.17	-	-	87.61	27.6	15.81	30.85	113	40	A	H
													H
													H
		2389.275	64.6	-9.4	74	52.09	27.6	15.77	30.86	311	254	P	V
		2390	52.51	-1.49	54	39.98	27.6	15.78	30.85	311	254	A	V
	*	2412	108.21	-	-	95.65	27.6	15.81	30.85	311	254	P	V
	*	2412	100.7	-	-	88.14	27.6	15.81	30.85	311	254	A	V
													V
													V
802.11g CH 06 2437MHz		2340.1	53.33	-20.67	74	40.81	27.7	15.7	30.88	190	37	P	H
		2389.38	44.08	-9.92	54	31.57	27.6	15.77	30.86	190	37	A	H
	*	2437	111.61	-	-	99.01	27.6	15.84	30.84	190	37	P	H
	*	2437	104.28	-	-	91.68	27.6	15.84	30.84	190	37	A	H
		2483.69	55.51	-18.49	74	42.95	27.47	15.91	30.82	190	37	P	H
		2483.69	45.81	-8.19	54	33.25	27.47	15.91	30.82	190	37	A	H
		2389.94	54.08	-19.92	74	41.56	27.6	15.77	30.85	327	253	P	V
		2389.8	45.45	-8.55	54	32.93	27.6	15.77	30.85	327	253	A	V
	*	2437	111.52	-	-	98.92	27.6	15.84	30.84	327	253	P	V
	*	2437	104.12	-	-	91.52	27.6	15.84	30.84	327	253	A	V
		2485.16	53.83	-20.17	74	41.27	27.47	15.91	30.82	327	253	P	V
		2483.5	45.42	-8.58	54	32.86	27.47	15.91	30.82	327	253	A	V



802.11g CH 11 2462MHz	*	2462	109.34	-	-	96.76	27.53	15.88	30.83	100	37	P	H
	*	2462	101.79	-	-	89.21	27.53	15.88	30.83	100	37	A	H
		2484.48	62.77	-11.23	74	50.21	27.47	15.91	30.82	100	37	P	H
		2483.52	52.59	-1.41	54	40.03	27.47	15.91	30.82	100	37	A	H
													H
													H
	*	2462	106.46	-	-	93.88	27.53	15.88	30.83	292	254	P	V
	*	2462	98.92	-	-	86.34	27.53	15.88	30.83	292	254	A	V
		2484.72	60.82	-13.18	74	48.26	27.47	15.91	30.82	292	254	P	V
		2483.8	49.5	-4.5	54	36.94	27.47	15.91	30.82	292	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 802.11g (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	37.61	-36.39	74	55.87	31.3	8.5	58.06	100	0	P	H
													H
													H
													H
		4824	37.94	-36.06	74	56.2	31.3	8.5	58.06	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4874	37.3	-36.7	74	55.45	31.3	8.65	58.1	100	0	P	H
		7311	44.31	-29.69	74	55.18	36.2	11.27	58.34	100	0	P	H
													H
		4874	37.53	-36.47	74	55.68	31.3	8.65	58.1	100	0	P	V
		7311	43.72	-30.28	74	54.59	36.2	11.27	58.34	100	0	P	V
													V
													V
													V
802.11g CH 11 2462MHz		4924	38.65	-35.35	74	56.62	31.37	8.8	58.14	100	0	P	H
		7386	43.79	-30.21	74	54.33	36.5	11.28	58.32	100	0	P	H
													H
		4924	38.81	-35.19	74	56.78	31.37	8.8	58.14	100	0	P	V
		7386	44.36	-29.64	74	54.9	36.5	11.28	58.32	100	0	P	V
													V
													V
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (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)
802.11ac VHT20 CH 01 2412MHz		2390	65.02	-8.98	74	52.49	27.6	15.78	30.85	177	41	P	H
		2390	51.15	-2.85	54	38.62	27.6	15.78	30.85	177	41	A	H
	*	2412	106.18	-	-	93.62	27.6	15.81	30.85	177	41	P	H
	*	2412	98.4	-	-	85.84	27.6	15.81	30.85	177	41	A	H
													H
													H
		2389.905	64.75	-9.25	74	52.23	27.6	15.77	30.85	312	255	P	V
		2389.695	52.73	-1.27	54	40.22	27.6	15.77	30.86	312	255	A	V
	*	2412	106.89	-	-	94.33	27.6	15.81	30.85	312	255	P	V
	*	2412	99.1	-	-	86.54	27.6	15.81	30.85	312	255	A	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		2388.82	55.85	-18.15	74	43.34	27.6	15.77	30.86	100	46	P	H
		2389.38	45.85	-8.15	54	33.34	27.6	15.77	30.86	100	46	A	H
	*	2437	112.6	-	-	100	27.6	15.84	30.84	100	46	P	H
	*	2437	105.22	-	-	92.62	27.6	15.84	30.84	100	46	A	H
		2485.79	56.24	-17.76	74	43.68	27.47	15.91	30.82	100	46	P	H
		2483.83	47.58	-6.42	54	35.02	27.47	15.91	30.82	100	46	A	H
		2387	55.69	-18.31	74	43.18	27.6	15.77	30.86	272	252	P	V
		2389.8	46.32	-7.68	54	33.8	27.6	15.77	30.85	272	252	A	V
	*	2437	112.42	-	-	99.82	27.6	15.84	30.84	272	252	P	V
	*	2437	104.8	-	-	92.2	27.6	15.84	30.84	272	252	A	V
		2484.53	55.01	-18.99	74	42.45	27.47	15.91	30.82	272	252	P	V
		2483.55	45.93	-8.07	54	33.37	27.47	15.91	30.82	272	252	A	V



	*	2462	108.14	-	-	95.56	27.53	15.88	30.83	176	39	P	H
	*	2462	100.42	-	-	87.84	27.53	15.88	30.83	176	39	A	H
		2484.2	63.76	-10.24	74	51.2	27.47	15.91	30.82	176	39	P	H
		2483.6	52.66	-1.34	54	40.1	27.47	15.91	30.82	176	39	A	H
802.11ac													H
VHT20													H
CH 11	*	2462	106.31	-	-	93.73	27.53	15.88	30.83	296	257	P	V
2462MHz	*	2462	98.5	-	-	85.92	27.53	15.88	30.83	296	257	A	V
		2483.68	65.5	-8.5	74	52.94	27.47	15.91	30.82	296	257	P	V
		2483.6	50.42	-3.58	54	37.86	27.47	15.91	30.82	296	257	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. 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	37.98	-36.02	74	56.24	31.3	8.5	58.06	100	0	P	H
													H
													H
													H
		4824	37.85	-36.15	74	56.11	31.3	8.5	58.06	100	0	P	V
													V
													V
													V
802.11ac VHT20 CH 06 2437MHz		4874	38.15	-35.85	74	56.3	31.3	8.65	58.1	100	0	P	H
		7311	43.2	-30.8	74	54.07	36.2	11.27	58.34	100	0	P	H
													H
													H
		4874	37.8	-36.2	74	55.95	31.3	8.65	58.1	100	0	P	V
		7311	43.37	-30.63	74	54.24	36.2	11.27	58.34	100	0	P	V
													V
													V
802.11ac VHT20 CH 11 2462MHz		4924	37.79	-36.21	74	55.76	31.37	8.8	58.14	100	0	P	H
		7386	43.22	-30.78	74	53.76	36.5	11.28	58.32	100	0	P	H
													H
													H
		4924	37.85	-36.15	74	55.82	31.37	8.8	58.14	100	0	P	V
		7386	43.61	-30.39	74	54.15	36.5	11.28	58.32	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 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		2386.72	60	-14	74	47.49	27.6	15.77	30.86	100	37	P	H
		2389.38	50.95	-3.05	54	38.44	27.6	15.77	30.86	100	37	A	H
	*	2422	103.16	-	-	90.58	27.6	15.82	30.84	100	37	P	H
	*	2422	95.56	-	-	82.98	27.6	15.82	30.84	100	37	A	H
		2484.6	54.55	-19.45	74	41.99	27.47	15.91	30.82	100	37	P	H
		2483.9	45.82	-8.18	54	33.26	27.47	15.91	30.82	100	37	A	H
		2389.52	60.42	-13.58	74	47.91	27.6	15.77	30.86	274	250	P	V
		2389.38	52.28	-1.72	54	39.77	27.6	15.77	30.86	274	250	A	V
	*	2422	103.03	-	-	90.45	27.6	15.82	30.84	274	250	P	V
	*	2422	95.55	-	-	82.97	27.6	15.82	30.84	274	250	A	V
802.11ac VHT40 CH 06 2437MHz		2484.81	53.75	-20.25	74	41.19	27.47	15.91	30.82	274	250	P	V
		2484.04	44.71	-9.29	54	32.15	27.47	15.91	30.82	274	250	A	V
		2388.82	56.49	-17.51	74	43.98	27.6	15.77	30.86	100	37	P	H
		2389.94	47.34	-6.66	54	34.82	27.6	15.77	30.85	100	37	A	H
	*	2437	105.77	-	-	93.17	27.6	15.84	30.84	100	37	P	H
	*	2437	98.11	-	-	85.51	27.6	15.84	30.84	100	37	A	H
		2483.97	62.5	-11.5	74	49.94	27.47	15.91	30.82	100	37	P	H
		2483.62	51.99	-2.01	54	39.43	27.47	15.91	30.82	100	37	A	H
		2389.8	59.89	-14.11	74	47.37	27.6	15.77	30.85	345	255	P	V
		2389.66	49.87	-4.13	54	37.36	27.6	15.77	30.86	345	255	A	V
802.11ac VHT40 CH 06 2437MHz	*	2437	104.38	-	-	91.78	27.6	15.84	30.84	345	255	P	V
	*	2437	96.91	-	-	84.31	27.6	15.84	30.84	345	255	A	V
		2484.25	58.6	-15.4	74	46.04	27.47	15.91	30.82	345	255	P	V
		2483.5	48.4	-5.6	54	35.84	27.47	15.91	30.82	345	255	A	V



802.11ac		2369.22	54.07	-19.93	74	41.56	27.63	15.74	30.86	100	36	P	H
		2389.1	44.46	-9.54	54	31.95	27.6	15.77	30.86	100	36	A	H
	*	2452	102.78	-	-	90.15	27.6	15.86	30.83	100	36	P	H
	*	2452	95.31	-	-	82.68	27.6	15.86	30.83	100	36	A	H
		2483.5	60.28	-13.72	74	47.72	27.47	15.91	30.82	100	36	P	H
	VHT40	2483.69	52.97	-1.03	54	40.41	27.47	15.91	30.82	100	36	A	H
CH 09		2331.56	53.82	-20.18	74	41.25	27.77	15.69	30.89	306	254	P	V
2452MHz		2387	45	-9	54	32.49	27.6	15.77	30.86	306	254	A	V
	*	2452	101.29	-	-	88.66	27.6	15.86	30.83	306	254	P	V
	*	2452	93.85	-	-	81.22	27.6	15.86	30.83	306	254	A	V
		2483.83	57.34	-16.66	74	44.78	27.47	15.91	30.82	306	254	P	V
		2484.18	48.96	-5.04	54	36.4	27.47	15.91	30.82	306	254	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. 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	37.84	-36.16	74	56.06	31.3	8.56	58.08	100	0	P	H
		7266	44.46	-29.54	74	55.35	36.2	11.26	58.35	100	0	P	H
													H
													H
		4844	38.54	-35.46	74	56.76	31.3	8.56	58.08	100	0	P	V
		7266	44.26	-29.74	74	55.15	36.2	11.26	58.35	100	0	P	V
													V
802.11ac VHT40 CH 06 2437MHz		4874	38.21	-35.79	74	56.36	31.3	8.65	58.1	100	0	P	H
		7311	44.14	-29.86	74	55.01	36.2	11.27	58.34	100	0	P	H
													H
													H
		4874	38.71	-35.29	74	56.86	31.3	8.65	58.1	100	0	P	V
		7311	43.8	-30.2	74	54.67	36.2	11.27	58.34	100	0	P	V
													V
802.11ac VHT40 CH 09 2452MHz		4904	38.68	-35.32	74	56.73	31.33	8.74	58.12	100	0	P	H
		7356	43.64	-30.36	74	54.39	36.3	11.28	58.33	100	0	P	H
													H
													H
		4904	38.13	-35.87	74	56.18	31.33	8.74	58.12	100	0	P	V
		7356	43.42	-30.58	74	54.17	36.3	11.28	58.33	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

2.4GHz WIFI 802.11ac VHT40 (LF)

WIFI 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)
		86.26	22.46	-17.54	40	39.52	14.23	1.14	32.53	-	-	P	H
		107.6	24.33	-19.17	43.5	38.82	16.7	1.25	32.51	-	-	P	H
		264.74	28.48	-17.52	46	38.87	20	1.94	32.52	-	-	P	H
		323.91	30.87	-15.13	46	41.61	19.58	2.14	32.54	100	0	P	H
		419.94	25.97	-20.03	46	33.39	22.6	2.45	32.55	-	-	P	H
		576.11	28.4	-17.6	46	31.91	26.08	2.84	32.59	-	-	P	H
													H
													H
													H
													H
													H
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
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 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		2387.385	55.3	-18.7	74	42.79	27.6	15.77	30.86	292	130	P	H
		2389.17	45.87	-8.13	54	33.36	27.6	15.77	30.86	292	130	A	H
	*	2412	117.15	-	-	104.59	27.6	15.81	30.85	292	130	P	H
	*	2412	114.11	-	-	101.55	27.6	15.81	30.85	292	130	A	H
													H
													H
		2388.855	54.55	-19.45	74	42.04	27.6	15.77	30.86	371	93	P	V
		2389.17	46.57	-7.43	54	34.06	27.6	15.77	30.86	371	93	A	V
	*	2412	115.81	-	-	103.25	27.6	15.81	30.85	371	93	P	V
	*	2412	112.75	-	-	100.19	27.6	15.81	30.85	371	93	A	V
													V
													V
802.11b CH 06 2437MHz		2361.8	53.66	-20.34	74	41.14	27.67	15.73	30.88	259	133	P	H
		2389.94	43.35	-10.65	54	30.83	27.6	15.77	30.85	259	133	A	H
	*	2437	117.43	-	-	104.83	27.6	15.84	30.84	259	133	P	H
	*	2437	114.31	-	-	101.71	27.6	15.84	30.84	259	133	A	H
		2486.98	53.01	-20.99	74	40.45	27.47	15.91	30.82	259	133	P	H
		2483.9	43.22	-10.78	54	30.66	27.47	15.91	30.82	259	133	A	H
		2323.16	53	-21	74	40.45	27.77	15.67	30.89	390	83	P	V
		2389.94	43.24	-10.76	54	30.72	27.6	15.77	30.85	390	83	A	V
	*	2437	114.38	-	-	101.78	27.6	15.84	30.84	390	83	P	V
	*	2437	111.33	-	-	98.73	27.6	15.84	30.84	390	83	A	V
		2485.86	53.48	-20.52	74	40.92	27.47	15.91	30.82	390	83	P	V
		2483.97	42.79	-11.21	54	30.23	27.47	15.91	30.82	390	83	A	V



802.11b CH 11 2462MHz	*	2462	117.49	-	-	104.91	27.53	15.88	30.83	252	136	P	H
	*	2462	114.39	-	-	101.81	27.53	15.88	30.83	252	136	A	H
		2484.6	56.9	-17.1	74	44.34	27.47	15.91	30.82	252	136	P	H
		2483.52	49.65	-4.35	54	37.09	27.47	15.91	30.82	252	136	A	H
													H
													H
	*	2462	113.91	-	-	101.33	27.53	15.88	30.83	386	77	P	V
	*	2462	110.82	-	-	98.24	27.53	15.88	30.83	386	77	A	V
		2483.76	55.96	-18.04	74	43.4	27.47	15.91	30.82	386	77	P	V
		2483.52	48.11	-5.89	54	35.55	27.47	15.91	30.82	386	77	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	41.27	-32.73	74	59.53	31.3	8.5	58.06	100	0	P	H
													H
													H
													H
		4824	40.25	-33.75	74	58.51	31.3	8.5	58.06	100	0	P	V
													V
													V
													V
802.11b CH 06 2437MHz		4874	40.74	-33.26	74	58.89	31.3	8.65	58.1	100	0	P	H
		7311	48.8	-25.2	74	59.67	36.2	11.27	58.34	100	0	P	H
													H
		4874	39.39	-34.61	74	57.54	31.3	8.65	58.1	100	0	P	V
		7311	47.84	-26.16	74	58.71	36.2	11.27	58.34	100	0	P	V
													V
													V
													V
802.11b CH 11 2462MHz		4924	39.34	-34.66	74	57.31	31.37	8.8	58.14	100	0	P	H
		7386	46.59	-27.41	74	57.13	36.5	11.28	58.32	100	0	P	H
													H
		4924	39.55	-34.45	74	57.52	31.37	8.8	58.14	100	0	P	V
		7386	45.26	-28.74	74	55.8	36.5	11.28	58.32	100	0	P	V
													V
													V
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



2.4GHz 2400~2483.5MHz

WIFI 802.11g (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		2388.96	67.54	-6.46	74	55.03	27.6	15.77	30.86	235	130	P	H
		2389.695	52.56	-1.44	54	40.05	27.6	15.77	30.86	235	130	A	H
	*	2412	112.68	-	-	100.12	27.6	15.81	30.85	235	130	P	H
	*	2412	105.05	-	-	92.49	27.6	15.81	30.85	235	130	A	H
													H
													H
		2389.17	64.74	-9.26	74	52.23	27.6	15.77	30.86	352	82	P	V
		2388.96	50.12	-3.88	54	37.61	27.6	15.77	30.86	352	82	A	V
	*	2412	111.63	-	-	99.07	27.6	15.81	30.85	352	82	P	V
	*	2412	103.92	-	-	91.36	27.6	15.81	30.85	352	82	A	V
													V
													V
802.11g CH 06 2437MHz		2384.76	54.74	-19.26	74	42.2	27.63	15.77	30.86	257	134	P	H
		2389.94	46.14	-7.86	54	33.62	27.6	15.77	30.85	257	134	A	H
	*	2437	117.07	-	-	104.47	27.6	15.84	30.84	257	134	P	H
	*	2437	109.6	-	-	97	27.6	15.84	30.84	257	134	A	H
		2483.83	54.73	-19.27	74	42.17	27.47	15.91	30.82	257	134	P	H
		2483.5	45.85	-8.15	54	33.29	27.47	15.91	30.82	257	134	A	H
		2387.98	54.99	-19.01	74	42.48	27.6	15.77	30.86	354	94	P	V
		2389.94	45.76	-8.24	54	33.24	27.6	15.77	30.85	354	94	A	V
	*	2437	116.02	-	-	103.42	27.6	15.84	30.84	354	94	P	V
	*	2437	108.38	-	-	95.78	27.6	15.84	30.84	354	94	A	V
		2484.11	53.98	-20.02	74	41.42	27.47	15.91	30.82	354	94	P	V
		2483.55	44.85	-9.15	54	32.29	27.47	15.91	30.82	354	94	A	V



802.11g CH 11 2462MHz	*	2462	113.58	-	-	101	27.53	15.88	30.83	205	132	P	H
	*	2462	106.02	-	-	93.44	27.53	15.88	30.83	205	132	A	H
		2483.72	64.63	-9.37	74	52.07	27.47	15.91	30.82	205	132	P	H
		2483.52	52.29	-1.71	54	39.73	27.47	15.91	30.82	205	132	A	H
													H
													H
	*	2462	110.53	-	-	97.95	27.53	15.88	30.83	282	95	P	V
	*	2462	103.19	-	-	90.61	27.53	15.88	30.83	282	95	A	V
		2483.56	63.06	-10.94	74	50.5	27.47	15.91	30.82	282	95	P	V
		2483.52	50.42	-3.58	54	37.86	27.47	15.91	30.82	282	95	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	38.78	-35.22	74	57.04	31.3	8.5	58.06	100	0	P	H
													H
													H
													H
		4824	38.96	-35.04	74	57.22	31.3	8.5	58.06	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4874	38.74	-35.26	74	56.89	31.3	8.65	58.1	100	0	P	H
		7311	46.11	-27.89	74	56.98	36.2	11.27	58.34	100	0	P	H
													H
		4874	39.68	-34.32	74	57.83	31.3	8.65	58.1	100	0	P	V
		7311	45.72	-28.28	74	56.59	36.2	11.27	58.34	100	0	P	V
													V
													V
													V
802.11g CH 11 2462MHz		4924	38.32	-35.68	74	56.29	31.37	8.8	58.14	100	0	P	H
		7386	45.28	-28.72	74	55.82	36.5	11.28	58.32	100	0	P	H
													H
		4924	39.22	-34.78	74	57.19	31.37	8.8	58.14	100	0	P	V
		7386	45.12	-28.88	74	55.66	36.5	11.28	58.32	100	0	P	V
													V
													V
	Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 01 2412MHz		2390	67.67	-6.33	74	55.14	27.6	15.78	30.85	235	128	P	H
		2389.905	52.79	-1.21	54	40.27	27.6	15.77	30.85	235	128	A	H
	*	2412	109.5	-	-	96.94	27.6	15.81	30.85	235	128	P	H
	*	2412	101.61	-	-	89.05	27.6	15.81	30.85	235	128	A	H
													H
													H
		2390	65.88	-8.12	74	53.35	27.6	15.78	30.85	370	88	P	V
		2390	51.86	-2.14	54	39.33	27.6	15.78	30.85	370	88	A	V
	*	2412	108.6	-	-	96.04	27.6	15.81	30.85	370	88	P	V
	*	2412	101.02	-	-	88.46	27.6	15.81	30.85	370	88	A	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		2389.24	54.77	-19.23	74	42.26	27.6	15.77	30.86	260	134	P	H
		2389.52	46.43	-7.57	54	33.92	27.6	15.77	30.86	260	134	A	H
	*	2437	117.42	-	-	104.82	27.6	15.84	30.84	260	134	P	H
	*	2437	109.9	-	-	97.3	27.6	15.84	30.84	260	134	A	H
		2483.76	55.04	-18.96	74	42.48	27.47	15.91	30.82	260	134	P	H
		2483.55	45.76	-8.24	54	33.2	27.47	15.91	30.82	260	134	A	H
		2389.1	56.96	-17.04	74	44.45	27.6	15.77	30.86	181	268	P	V
		2389.94	45.88	-8.12	54	33.36	27.6	15.77	30.85	181	268	A	V
	*	2437	113.72	-	-	101.12	27.6	15.84	30.84	181	268	P	V
	*	2437	106.09	-	-	93.49	27.6	15.84	30.84	181	268	A	V
		2487.96	54.05	-19.95	74	41.56	27.4	15.91	30.82	181	268	P	V
		2484.25	44.59	-9.41	54	32.03	27.47	15.91	30.82	181	268	A	V



	*	2462	111.32	-	-	98.74	27.53	15.88	30.83	348	136	P	H
	*	2462	103.53	-	-	90.95	27.53	15.88	30.83	348	136	A	H
		2484.56	64.54	-9.46	74	51.98	27.47	15.91	30.82	348	136	P	H
		2484.2	51.72	-2.28	54	39.16	27.47	15.91	30.82	348	136	A	H
802.11ac													H
VHT20													H
CH 11	*	2462	109.97	-	-	97.39	27.53	15.88	30.83	380	86	P	V
2462MHz	*	2462	102.14	-	-	89.56	27.53	15.88	30.83	380	86	A	V
		2483.52	65.19	-8.81	74	52.63	27.47	15.91	30.82	380	86	P	V
		2483.56	51.46	-2.54	54	38.9	27.47	15.91	30.82	380	86	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	38.18	-35.82	74	56.44	31.3	8.5	58.06	100	0	P	H
													H
													H
													H
		4824	38	-36	74	56.26	31.3	8.5	58.06	100	0	P	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		4874	38.43	-35.57	74	56.58	31.3	8.65	58.1	100	0	P	H
		7311	44.67	-29.33	74	55.54	36.2	11.27	58.34	100	0	P	H
													H
													H
		4874	37.96	-36.04	74	56.11	31.3	8.65	58.1	100	0	P	V
		7311	45.54	-28.46	74	56.41	36.2	11.27	58.34	100	0	P	V
													V
802.11ac VHT20 CH 11 2462MHz		4924	38.51	-35.49	74	56.48	31.37	8.8	58.14	100	0	P	H
		7386	44.45	-29.55	74	54.99	36.5	11.28	58.32	100	0	P	H
													H
													H
		4924	38.3	-35.7	74	56.27	31.37	8.8	58.14	100	0	P	V
		7386	44.47	-29.53	74	55.01	36.5	11.28	58.32	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		2388.4	65.13	-8.87	74	52.62	27.6	15.77	30.86	206	135	P	H
		2388.96	52.59	-1.41	54	40.08	27.6	15.77	30.86	206	135	A	H
	*	2422	106.4	-	-	93.81	27.6	15.83	30.84	206	135	P	H
	*	2422	99.02	-	-	86.44	27.6	15.82	30.84	206	135	A	H
		2484.04	53.65	-20.35	74	41.09	27.47	15.91	30.82	206	135	P	H
		2484.46	44.34	-9.66	54	31.78	27.47	15.91	30.82	206	135	A	H
		2388.82	62.55	-11.45	74	50.04	27.6	15.77	30.86	297	109	P	V
		2388.96	51.03	-2.97	54	38.52	27.6	15.77	30.86	297	109	A	V
	*	2422	105.12	-	-	92.54	27.6	15.82	30.84	297	109	P	V
	*	2422	97.8	-	-	85.22	27.6	15.82	30.84	297	109	A	V
802.11ac VHT40 CH 06 2437MHz		2495.31	53.15	-20.85	74	40.64	27.4	15.92	30.81	297	109	P	V
		2483.97	44.42	-9.58	54	31.86	27.47	15.91	30.82	297	109	A	V
		2389.8	62.71	-11.29	74	50.19	27.6	15.77	30.85	207	45	P	H
		2389.24	52.42	-1.58	54	39.91	27.6	15.77	30.86	207	45	A	H
	*	2437	109.21	-	-	96.61	27.6	15.84	30.84	207	45	P	H
	*	2437	101.78	-	-	89.18	27.6	15.84	30.84	207	45	A	H
		2483.83	59.68	-14.32	74	47.12	27.47	15.91	30.82	207	45	P	H
		2484.32	49.67	-4.33	54	37.11	27.47	15.91	30.82	207	45	A	H
		2388.68	63.3	-10.7	74	50.79	27.6	15.77	30.86	319	96	P	V
		2389.1	52.79	-1.21	54	40.28	27.6	15.77	30.86	319	96	A	V



		2343.74	53.79	-20.21	74	41.26	27.7	5.79	30.88	201	132	P	H
		2389.66	44.79	-9.21	54	32.28	27.6	5.85	30.86	201	132	A	H
	*	2452	106.08	-	-	93.45	27.6	5.94	30.83	201	132	P	H
	*	2452	99.17	-	-	86.54	27.6	5.94	30.83	201	132	A	H
		2483.76	60.78	-13.22	74	48.22	27.47	5.99	30.82	201	132	P	H
	VHT40	2484.46	52.17	-1.83	54	39.61	27.47	5.99	30.82	201	132	A	H
	CH 09	2356.62	54.01	-19.99	74	41.5	27.67	15.72	30.88	296	47	P	V
	2452MHz	2388.12	44.65	-9.35	54	32.14	27.6	15.77	30.86	296	47	A	V
	*	2452	103.75	-	-	91.12	27.6	15.86	30.83	296	47	P	V
	*	2452	96.88	-	-	84.25	27.6	15.86	30.83	296	47	A	V
		2488.03	58.47	-15.53	74	45.98	27.4	15.91	30.82	296	47	P	V
		2484.46	49.99	-4.01	54	37.43	27.47	15.91	30.82	296	47	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	37.66	-36.34	74	55.88	31.3	8.56	58.08	100	0	P	H
		7266	43.25	-30.75	74	54.14	36.2	11.26	58.35	100	0	P	H
													H
													H
		4844	38.35	-35.65	74	56.57	31.3	8.56	58.08	100	0	P	V
		7266	44.06	-29.94	74	54.95	36.2	11.26	58.35	100	0	P	V
													V
802.11ac VHT40 CH 06 2437MHz		4874	38.27	-35.73	74	56.42	31.3	8.65	58.1	100	0	P	H
		7311	43.98	-30.02	74	54.85	36.2	11.27	58.34	100	0	P	H
													H
													H
		4874	37.75	-36.25	74	55.9	31.3	8.65	58.1	100	0	P	V
		7311	44.5	-29.5	74	55.37	36.2	11.27	58.34	100	0	P	V
													V
802.11ac VHT40 CH 09 2452MHz		4904	38.26	-35.74	74	56.31	31.33	8.74	58.12	100	0	P	H
		7356	44.2	-29.8	74	54.95	36.3	11.28	58.33	100	0	P	H
													H
													H
		4904	38.5	-35.5	74	56.55	31.33	8.74	58.12	100	0	P	V
		7356	43.39	-30.61	74	54.14	36.3	11.28	58.33	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

2.4GHz WIFI 802.11ac VHT20 (LF)



<CDD Mode for XPAD>

2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (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)
802.11ac		2329.46	54.55	-19.45	74	41.99	27.77	5.76	30.89	100	135	P	H
		2389.8	45	-9	54	32.48	27.6	5.85	30.85	100	135	A	H
	*	2452	103.02	-	-	90.39	27.6	5.94	30.83	100	135	P	H
	*	2452	95.73	-	-	83.1	27.6	5.94	30.83	100	135	A	H
		2483.55	63.78	-10.22	74	51.22	27.47	5.99	30.82	100	135	P	H
	VHT40	2483.69	51.54	-2.46	54	38.98	27.47	5.99	30.82	100	135	A	H
	CH 09	2317.56	54.45	-19.55	74	41.9	27.77	5.75	30.89	306	348	P	V
	2452MHz	2389.1	45.02	-8.98	54	32.51	27.6	5.85	30.86	306	348	A	V
	*	2452	104.84	-	-	92.21	27.6	5.94	30.83	306	348	P	V
	*	2452	97.46	-	-	84.83	27.6	5.94	30.83	306	348	A	V
		2483.69	63.69	-10.31	74	51.13	27.47	5.99	30.82	306	348	P	V
		2484.11	51.21	-2.79	54	38.65	27.47	5.99	30.82	306	348	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. 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 09 2452MHz		4904	40.3	-33.7	74	58.35	31.33	8.28	58.12	100	0	P	H
		7356	44.6	-29.4	74	55.35	36.3	10.82	58.33	100	0	P	H
													H
													H
		4904	39.11	-34.89	74	57.16	31.33	8.28	58.12	100	0	P	V
		7356	44.33	-29.67	74	55.08	36.3	10.82	58.33	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

2.4GHz WIFI 802.11ac VHT40 (LF)

WIFI 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)
		86.26	22.27	-17.73	40	39.33	14.23	1.14	32.53	-	-	P	H
		105.66	22.63	-20.87	43.5	37.11	16.7	1.25	32.51	-	-	P	H
		252.13	30.62	-15.38	46	42.22	18.86	1.9	32.52	-	-	P	H
		323.91	32.04	-13.96	46	42.78	19.58	2.14	32.54	100	0	P	H
		359.8	32	-14	46	41.52	20.7	2.25	32.55	-	-	P	H
		395.69	30.56	-15.44	46	38.9	21.73	2.4	32.55	-	-	P	H
													H
													H
													H
													H
													H
													V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



<TXBF Mode for XSLATE>

2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dB μ V/m)	Over Limit (dB)	Limit Line (dB μ V/m)	Read Level (dB μ V)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol.
802.11ac VHT20 CH 01 2412MHz		2389.17	65.64	-8.36	74	52.58	27.6	16.32	30.86	100	42	P	H
		2390	52.57	-1.43	54	39.49	27.6	16.33	30.85	100	42	A	H
	*	2412	110.94	-	-	97.84	27.6	16.35	30.85	100	42	P	H
	*	2412	102.29	-	-	89.19	27.6	16.35	30.85	100	42	A	H
													H
													H
		2389.485	62.82	-11.18	74	49.76	27.6	16.32	30.86	400	105	P	V
		2390	50.08	-3.92	54	37	27.6	16.33	30.85	400	105	A	V
	*	2412	107.17	-	-	94.07	27.6	16.35	30.85	400	105	P	V
	*	2412	98.97	-	-	85.87	27.6	16.35	30.85	400	105	A	V
802.11ac VHT20 CH 06 2437MHz		2389.52	58.39	-15.61	74	45.33	27.6	16.32	30.86	100	43	P	H
		2389.94	47.81	-6.19	54	34.73	27.6	16.33	30.85	100	43	A	H
	*	2437	115.38	-	-	102.25	27.6	16.37	30.84	100	43	P	H
	*	2437	107.52	-	-	94.39	27.6	16.37	30.84	100	43	A	H
		2484.11	64.18	-9.82	74	51.11	27.47	16.42	30.82	100	43	P	H
		2483.5	49.16	-4.84	54	36.09	27.47	16.42	30.82	100	43	A	H
		2386.44	57.69	-16.31	74	44.63	27.6	16.32	30.86	354	98	P	V
		2389.8	46.01	-7.99	54	32.93	27.6	16.33	30.85	354	98	A	V
	*	2437	113.18	-	-	100.05	27.6	16.37	30.84	354	98	P	V
	*	2437	104.89	-	-	91.76	27.6	16.37	30.84	354	98	A	V
		2484.88	56.83	-17.17	74	43.76	27.47	16.42	30.82	354	98	P	V
		2483.5	45.42	-8.58	54	32.35	27.47	16.42	30.82	354	98	A	V



	*	2462	111.45	-	-	98.35	27.53	16.4	30.83	100	43	P	H
	*	2462	102.88	-	-	89.78	27.53	16.4	30.83	100	43	A	H
		2483.76	67.1	-6.9	74	54.03	27.47	16.42	30.82	100	43	P	H
		2483.56	52.67	-1.33	54	39.6	27.47	16.42	30.82	100	43	A	H
													H
													H
	*	2462	108.86	-	-	95.76	27.53	16.4	30.83	393	98	P	V
	*	2462	102.22	-	-	89.12	27.53	16.4	30.83	393	98	A	V
		2483.68	60.18	-13.82	74	47.11	27.47	16.42	30.82	393	98	P	V
		2483.52	48.59	-5.41	54	35.52	27.47	16.42	30.82	393	98	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	39.43	-34.57	74	60.5	31.3	9.73	62.1	100	0	P	H
													H
													H
													H
		4824	39.72	-34.28	74	60.79	31.3	9.73	62.1	100	0	P	V
													V
													V
													V
802.11ac VHT20 CH 06 2437MHz		4874	38.99	-35.01	74	60.08	31.3	9.72	62.11	100	0	P	H
		7311	49.5	-24.5	74	64.56	36.2	11.79	63.05	100	0	P	H
													H
													H
		4874	40.08	-33.92	74	61.17	31.3	9.72	62.11	100	0	P	V
		7311	49.69	-24.31	74	64.75	36.2	11.79	63.05	100	0	P	V
													V
													V
802.11ac VHT20 CH 11 2462MHz		4924	39.3	-34.7	74	60.33	31.37	9.72	62.12	100	0	P	H
		7386	44.66	-29.34	74	59.41	36.5	11.77	63.02	100	0	P	H
													H
													H
		4924	39.26	-34.74	74	60.29	31.37	9.72	62.12	100	0	P	V
		7386	45.49	-28.51	74	60.24	36.5	11.77	63.02	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		2389.94	63.55	-10.45	74	50.47	27.6	16.33	30.85	100	44	P	H
		2388.4	52.33	-1.67	54	39.27	27.6	16.32	30.86	100	44	A	H
	*	2422	106.95	-	-	93.83	27.6	16.36	30.84	100	44	P	H
	*	2422	98.39	-	-	85.27	27.6	16.36	30.84	100	44	A	H
		2485.86	55.03	-18.97	74	41.96	27.47	16.42	30.82	100	44	P	H
		2484.25	44.82	-9.18	54	31.75	27.47	16.42	30.82	100	44	A	H
		2389.66	59.53	-14.47	74	46.46	27.6	16.33	30.86	400	81	P	V
		2389.66	48.19	-5.81	54	35.12	27.6	16.33	30.86	400	81	A	V
	*	2422	102.97	-	-	89.85	27.6	16.36	30.84	400	81	P	V
	*	2422	93.98	-	-	80.86	27.6	16.36	30.84	400	81	A	V
802.11ac VHT40 CH 06 2437MHz		2499.51	53.28	-20.72	74	40.26	27.4	16.43	30.81	400	81	P	V
		2484.46	43.18	-10.82	54	30.11	27.47	16.42	30.82	400	81	A	V
		2389.8	63.88	-10.12	74	50.8	27.6	16.33	30.85	100	42	P	H
		2389.94	50.09	-3.91	54	37.01	27.6	16.33	30.85	100	42	A	H
	*	2437	108.41	-	-	95.28	27.6	16.37	30.84	100	42	P	H
	*	2437	101.16	-	-	88.03	27.6	16.37	30.84	100	42	A	H
		2483.83	68.23	-5.77	74	55.16	27.47	16.42	30.82	100	42	P	H
		2484.18	52.85	-1.15	54	39.78	27.47	16.42	30.82	100	42	A	H
		2388.96	64.3	-9.7	74	51.24	27.6	16.32	30.86	400	98	P	V
		2389.94	50.4	-3.6	54	37.32	27.6	16.33	30.85	400	98	A	V
802.11ac VHT40 CH 06 2437MHz	*	2437	105.32	-	-	92.19	27.6	16.37	30.84	400	98	P	V
	*	2437	98.89	-	-	85.76	27.6	16.37	30.84	400	98	A	V
		2484.32	60.01	-13.99	74	46.94	27.47	16.42	30.82	400	98	P	V
		2483.97	48.55	-5.45	54	35.48	27.47	16.42	30.82	400	98	A	V



802.11ac		2388.54	54.65	-19.35	74	41.59	27.6	16.32	30.86	100	44	P	H	
		2389.94	44.61	-9.39	54	31.53	27.6	16.33	30.85	100	44	A	H	
	*	2452	106.74	-	-	93.58	27.6	16.39	30.83	100	44	P	H	
	*	2452	98.7	-	-	85.55	27.6	16.38	30.83	100	44	A	H	
		2483.5	66.33	-7.67	74	53.26	27.47	16.42	30.82	100	44	P	H	
	VHT40		2484.6	52.94	-1.06	54	39.87	27.47	16.42	30.82	100	44	A	H
	CH 09		2386.58	55.66	-18.34	74	42.6	27.6	16.32	30.86	393	97	P	V
	2452MHz		2389.24	43.79	-10.21	54	30.73	27.6	16.32	30.86	393	97	A	V
	*	2452	101.56	-	-	88.4	27.6	16.39	30.83	393	97	P	V	
	*	2452	93.49	-	-	80.33	27.6	16.39	30.83	393	97	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	38.62	-35.38	74	59.7	31.3	9.73	62.11	100	0	P	H
		7266	43.75	-30.25	74	58.81	36.2	11.8	63.06	100	0	P	H
													H
													H
		4844	38.07	-35.93	74	59.15	31.3	9.73	62.11	100	0	P	V
		7266	43.84	-30.16	74	58.9	36.2	11.8	63.06	100	0	P	V
													V
802.11ac VHT40 CH 06 2437MHz		4874	38.97	-35.03	74	60.06	31.3	9.72	62.11	100	0	P	H
		7311	44.53	-29.47	74	59.59	36.2	11.79	63.05	100	0	P	H
													H
													H
		4874	39.7	-34.3	74	60.79	31.3	9.72	62.11	100	0	P	V
		7311	44.44	-29.56	74	59.5	36.2	11.79	63.05	100	0	P	V
													V
802.11ac VHT40 CH 09 2452MHz		4944	39.35	-34.65	74	60.35	31.4	9.72	62.12	100	0	P	H
		7356	45.88	-28.12	74	60.83	36.3	11.78	63.03	100	0	P	H
													H
													H
		4944	39.5	-34.5	74	60.5	31.4	9.72	62.12	100	0	P	V
		7356	44.74	-29.26	74	59.69	36.3	11.78	63.03	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

2.4GHz WIFI 802.11ac VHT40 (LF)

**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	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
Ant.		(MHz)	(dB μ V/m)	(dB)	(dB μ V/m)	(dB μ V)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
1+2													
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 :	Watt Tseng, Karl Hou, Big-Show Wang	Temperature :	23~26°C
		Relative Humidity :	50~57%

Note symbol

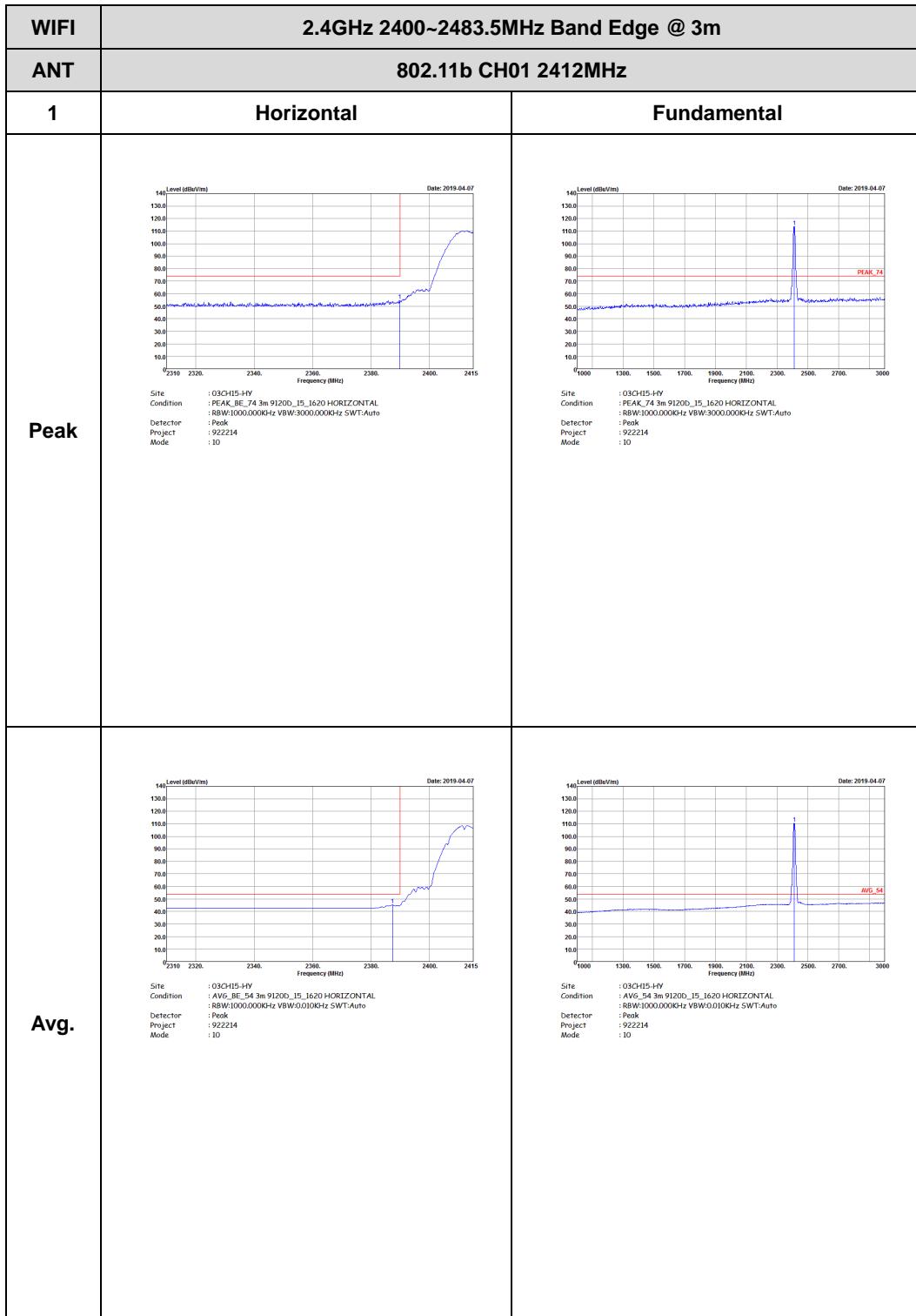
-L	Low channel location
-R	High channel location



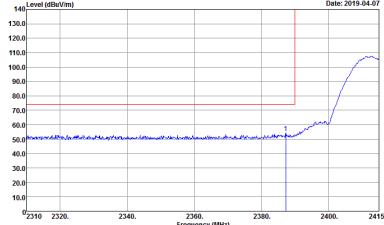
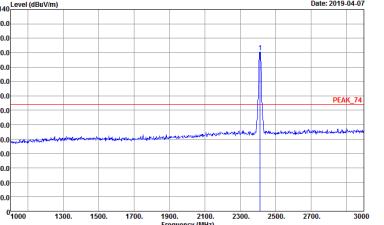
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2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)



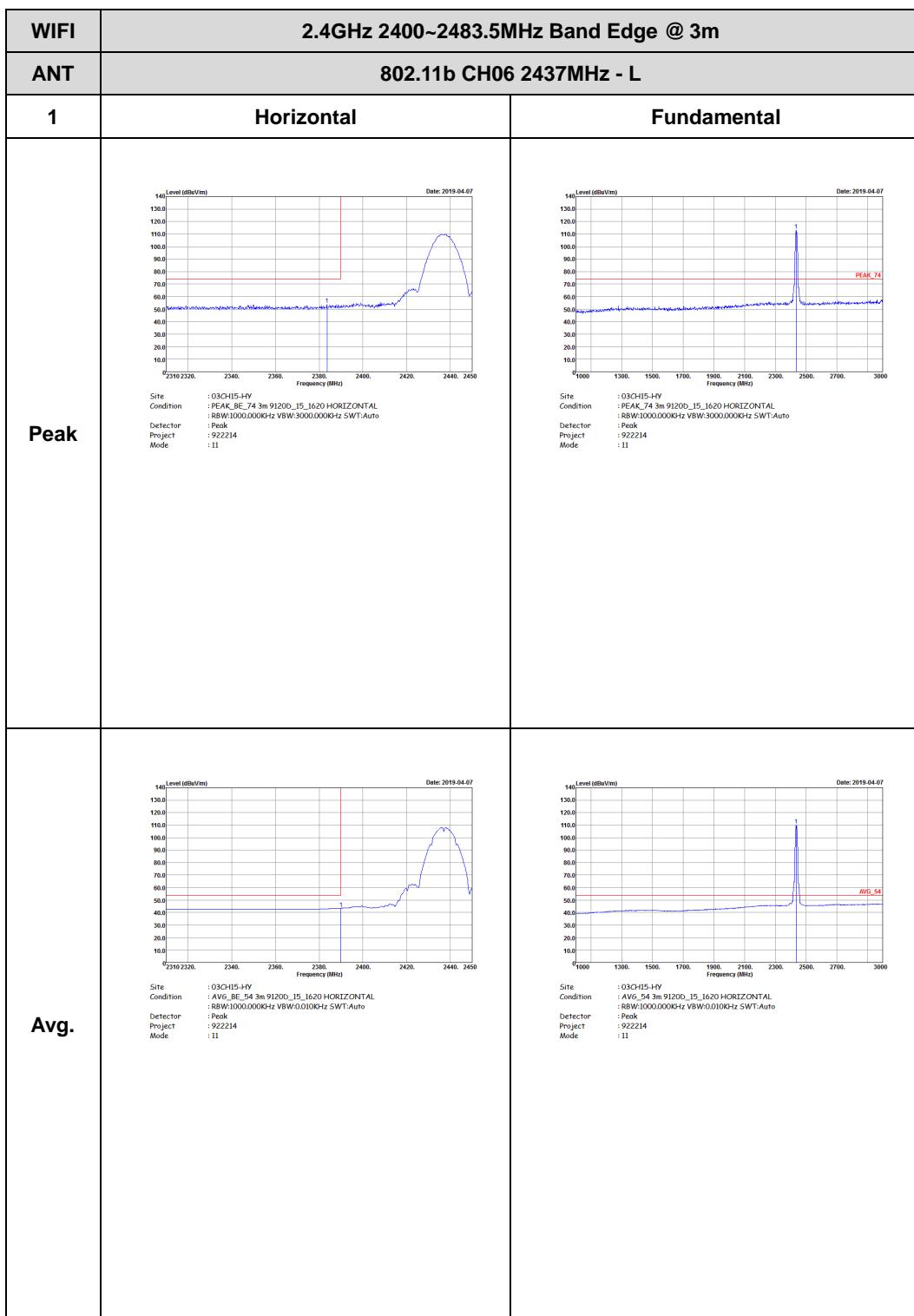


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Vertical	Fundamental
Peak	 <p>Date: 2019-04-07 Site: 03CH15-HY Condition: PCAK_BE_74 3m 91200_I5_1620 VERTICAL Detector: R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project: 922214 Mode: IO</p>	 <p>Date: 2019-04-07 Site: 03CH15-HY Condition: PCAK_I74 3m 91200_I5_1620 VERTICAL Detector: R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project: 922214 Mode: IO</p>
Avg.	 <p>Date: 2019-04-07 Site: 03CH15-HY Condition: AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector: R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project: 922214 Mode: IO</p>	 <p>Date: 2019-04-07 Site: 03CH15-HY Condition: AVG_I54 3m 91200_I5_1620 VERTICAL Detector: R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project: 922214 Mode: IO</p>

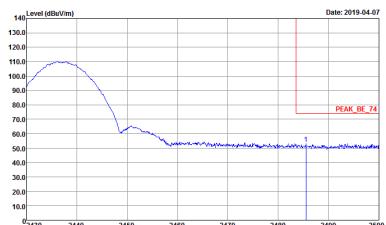


FCC RADIO TEST REPORT

Report No. : FR922214C



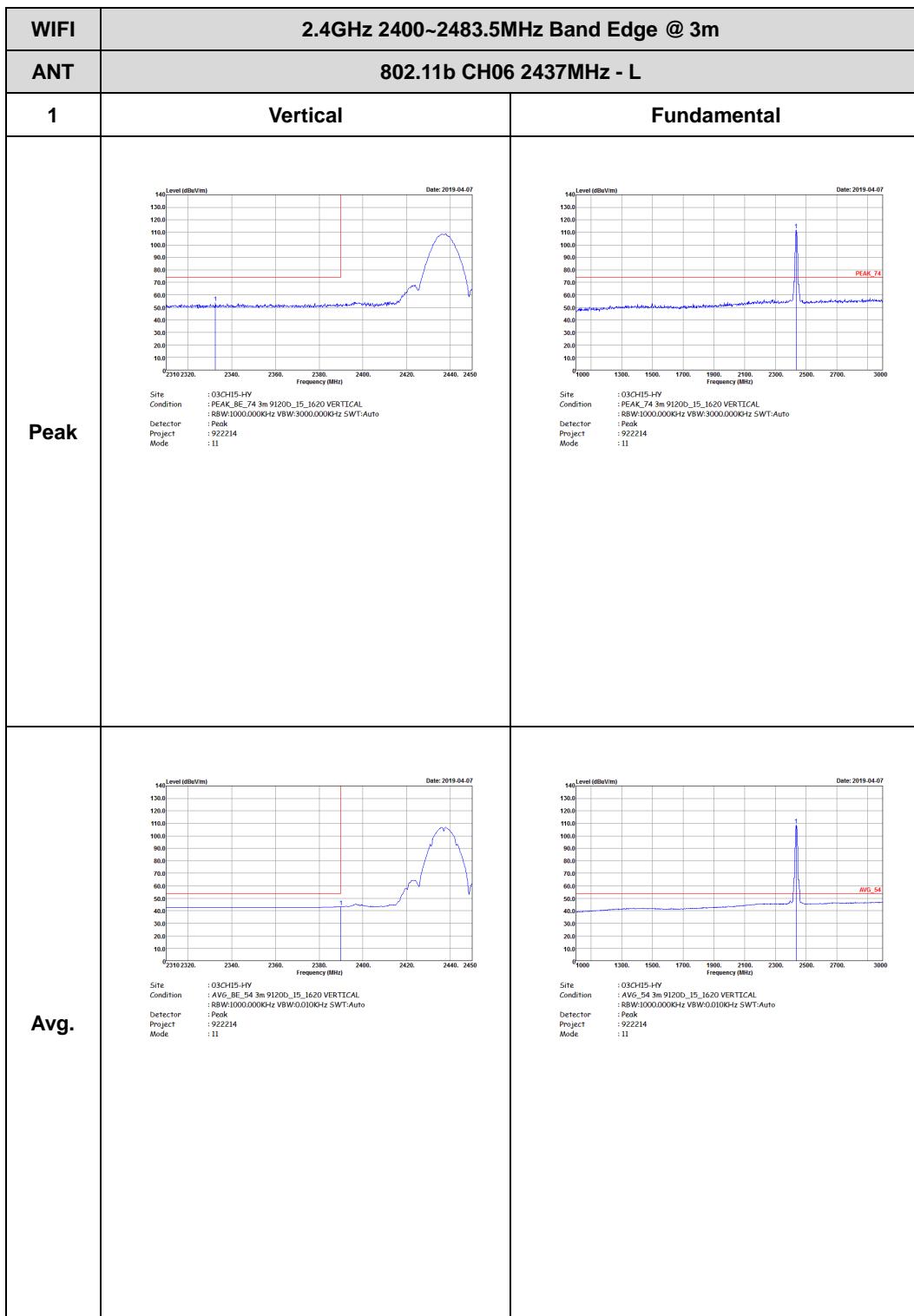


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Level (dBm/V/m) vs Frequency (MHz) from 2430 to 2500. The graph shows a sharp peak around 2437MHz labeled "PEAK_BE_74". The Y-axis ranges from 10.0 to 140.0 dBm/V/m. The X-axis ranges from 2430 to 2500 MHz. A red vertical line marks the peak at approximately 135 dBm/V/m.</p> <p>Date: 2019-04-07</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620_HORIZONTAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 922214 : II</p>	Left blank
Avg.	 <p>Level (dBm/V/m) vs Frequency (MHz) from 2430 to 2500. The graph shows a broad average level around 2437MHz labeled "AVG_BE_54". The Y-axis ranges from 10.0 to 140.0 dBm/V/m. The X-axis ranges from 2430 to 2500 MHz. A blue line represents the average level.</p> <p>Date: 2019-04-07</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620_HORIZONTAL Detector : R8W1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Mode : 922214 : II</p>	Left blank

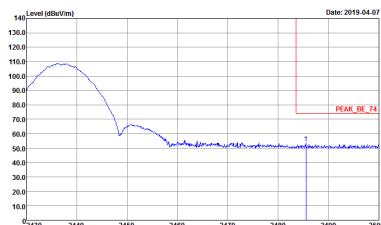


FCC RADIO TEST REPORT

Report No. : FR922214C



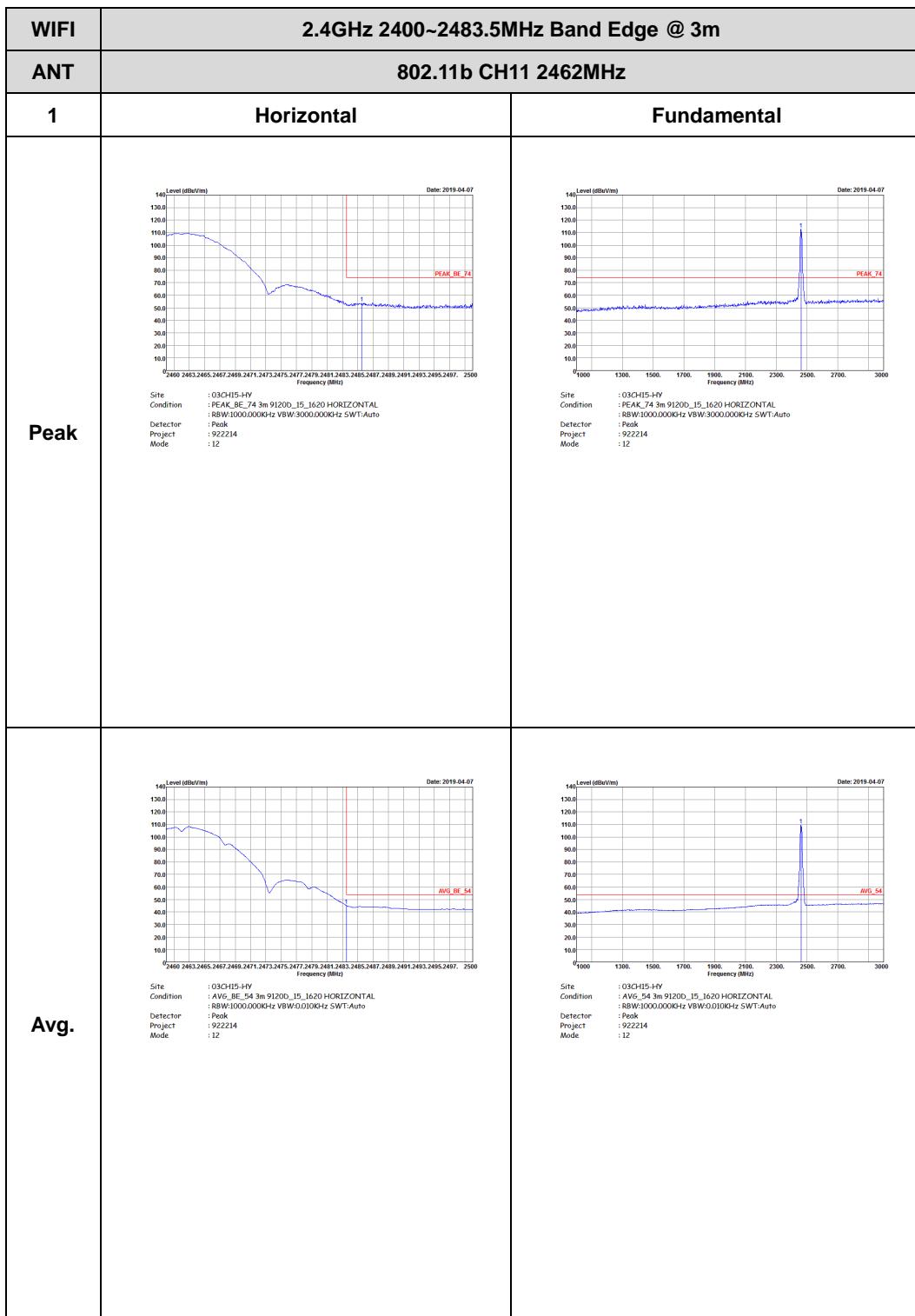


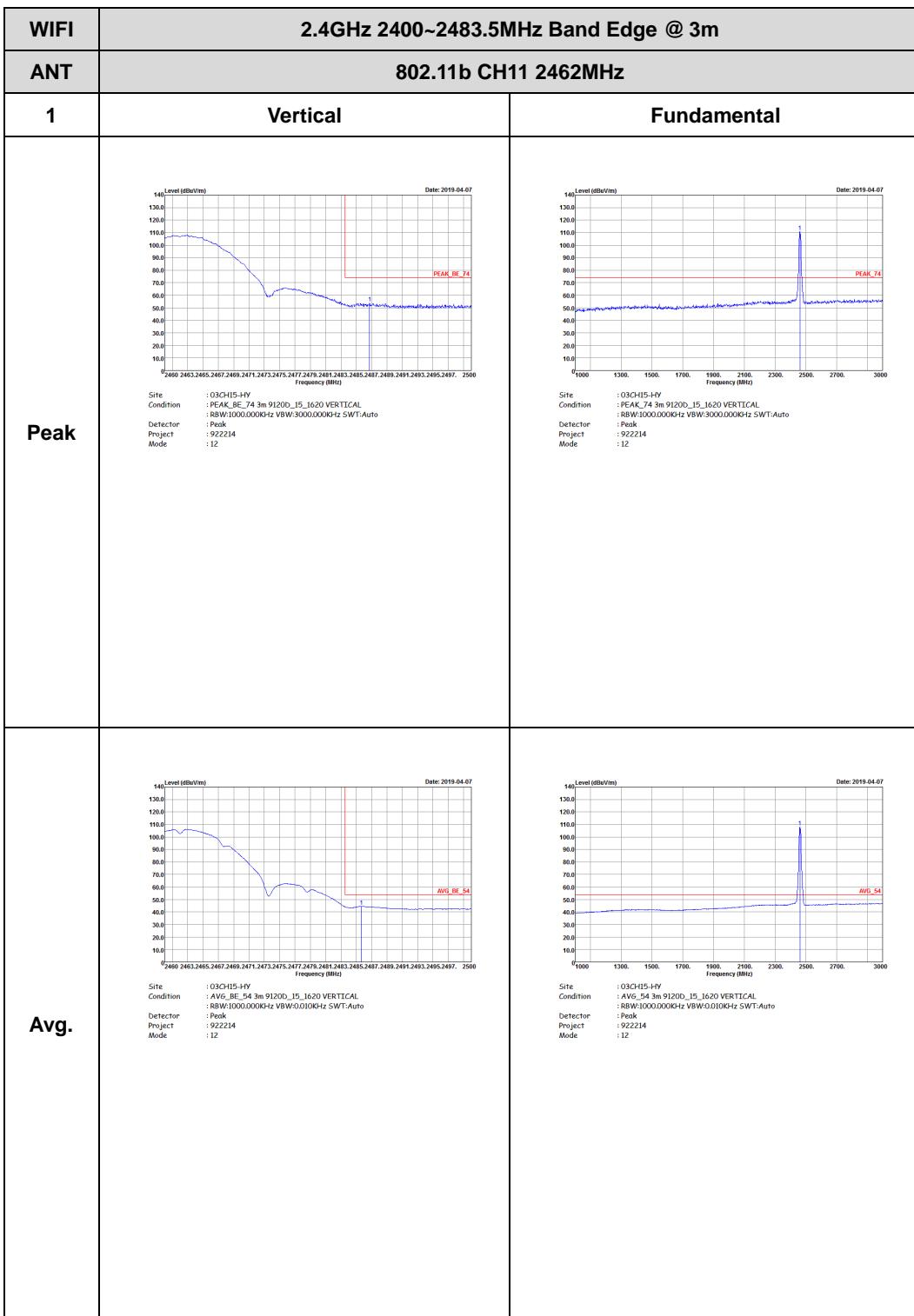
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-07</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 922214 : II</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-07</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Mode : 922214 : II</p>	Left blank



FCC RADIO TEST REPORT

Report No. : FR922214C







2.4GHz 2400~2483.5MHz

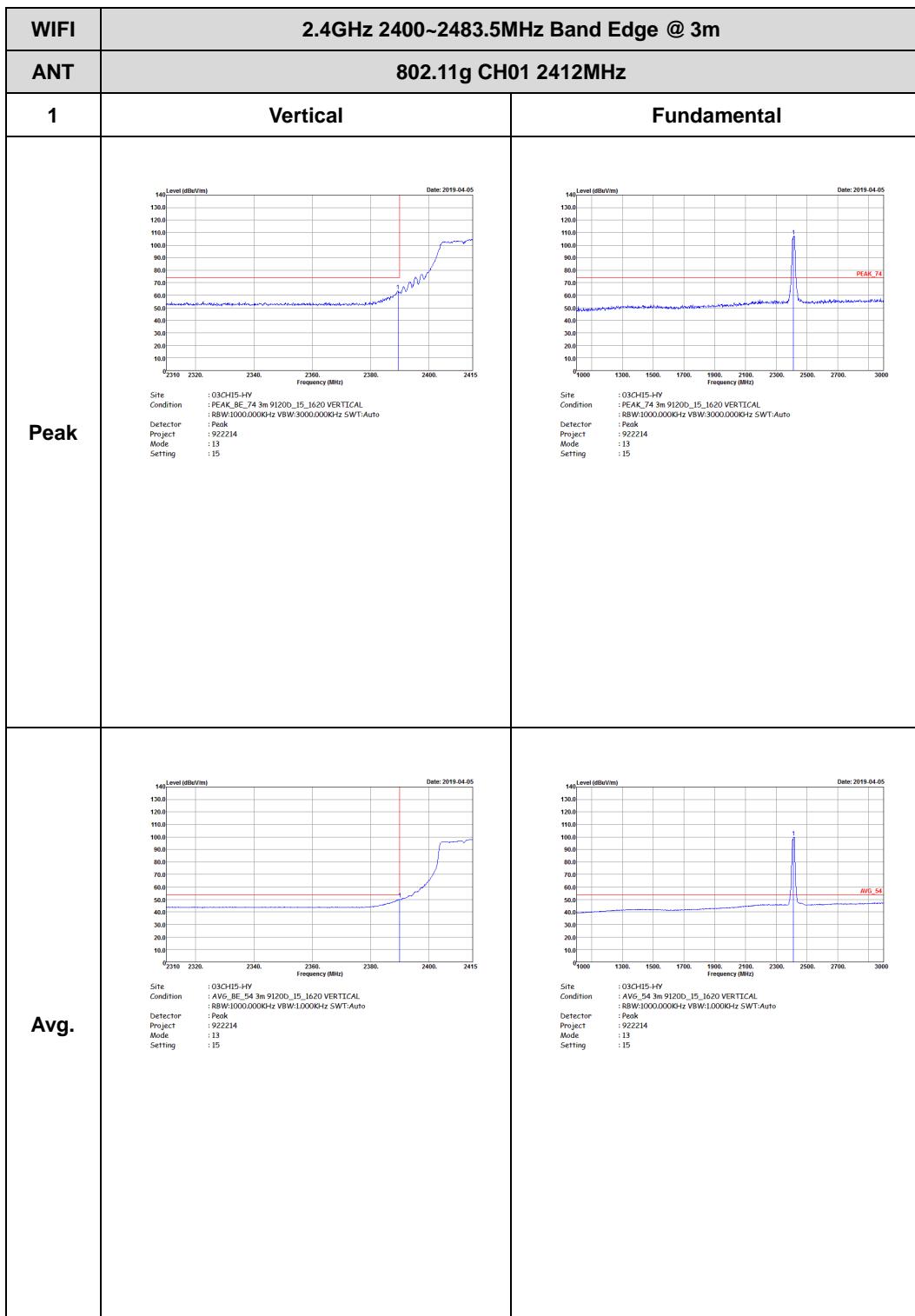
WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74_3m_91200_I5_1620_HORIZONTAL Detector : R8W:1000.0000KHz VBW:3000.0000Hz SWT:Auto Project : 922214 Mode : 13 Setting : 15	 Site : 03CH15-HY Condition : PEAK_74_3m_91200_I5_1620_HORIZONTAL Detector : Peak Project : 922214 Mode : 13 Setting : 15
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54_3m_91200_I5_1620_HORIZONTAL Detector : R8W:1000.0000KHz VBW:1.0000Hz SWT:Auto Project : 922214 Mode : 13 Setting : 15	 Site : 03CH15-HY Condition : AVG_54_3m_91200_I5_1620_HORIZONTAL Detector : Peak Project : 922214 Mode : 13 Setting : 15



FCC RADIO TEST REPORT

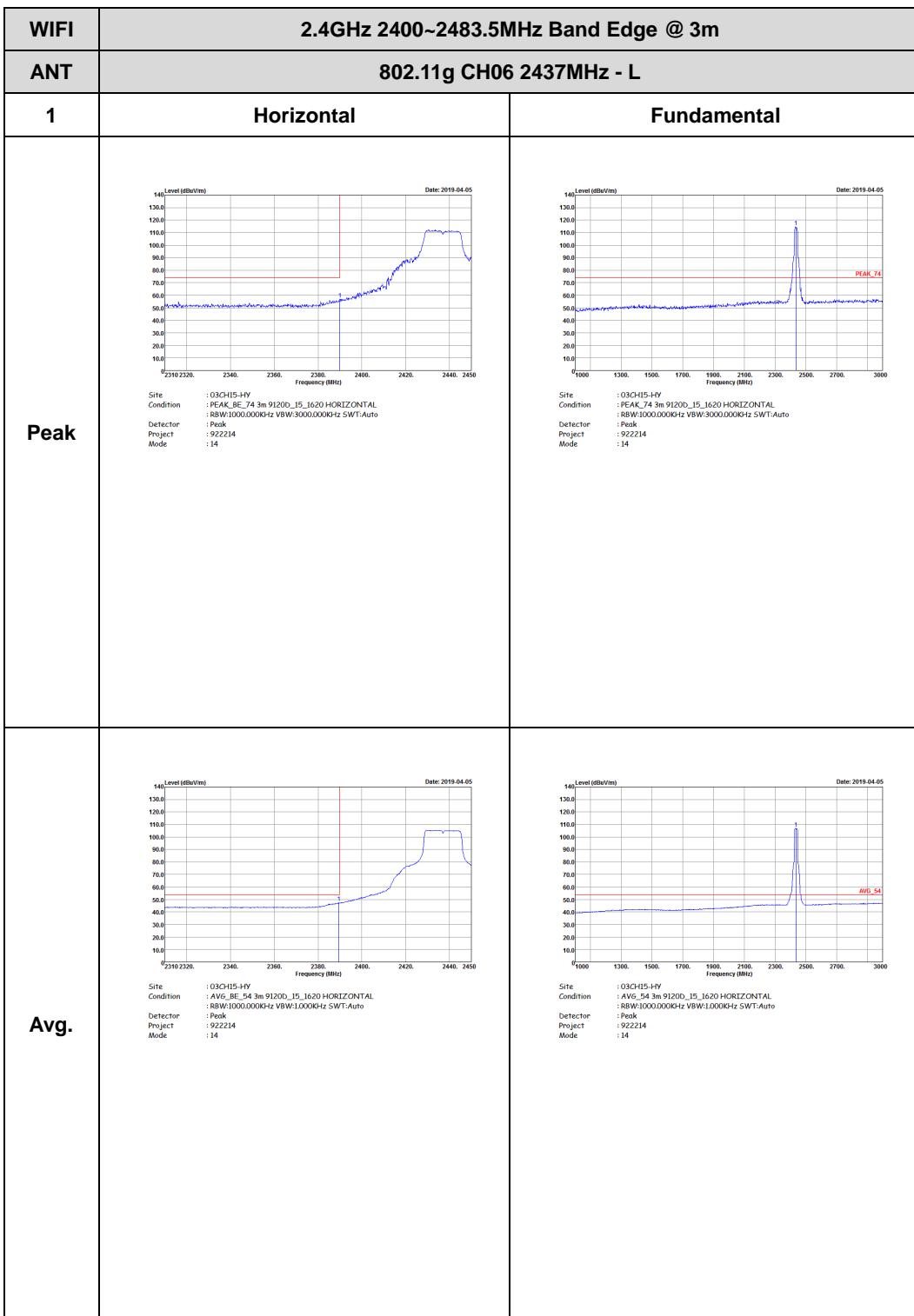
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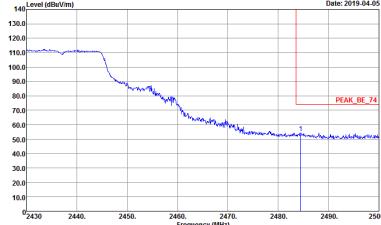


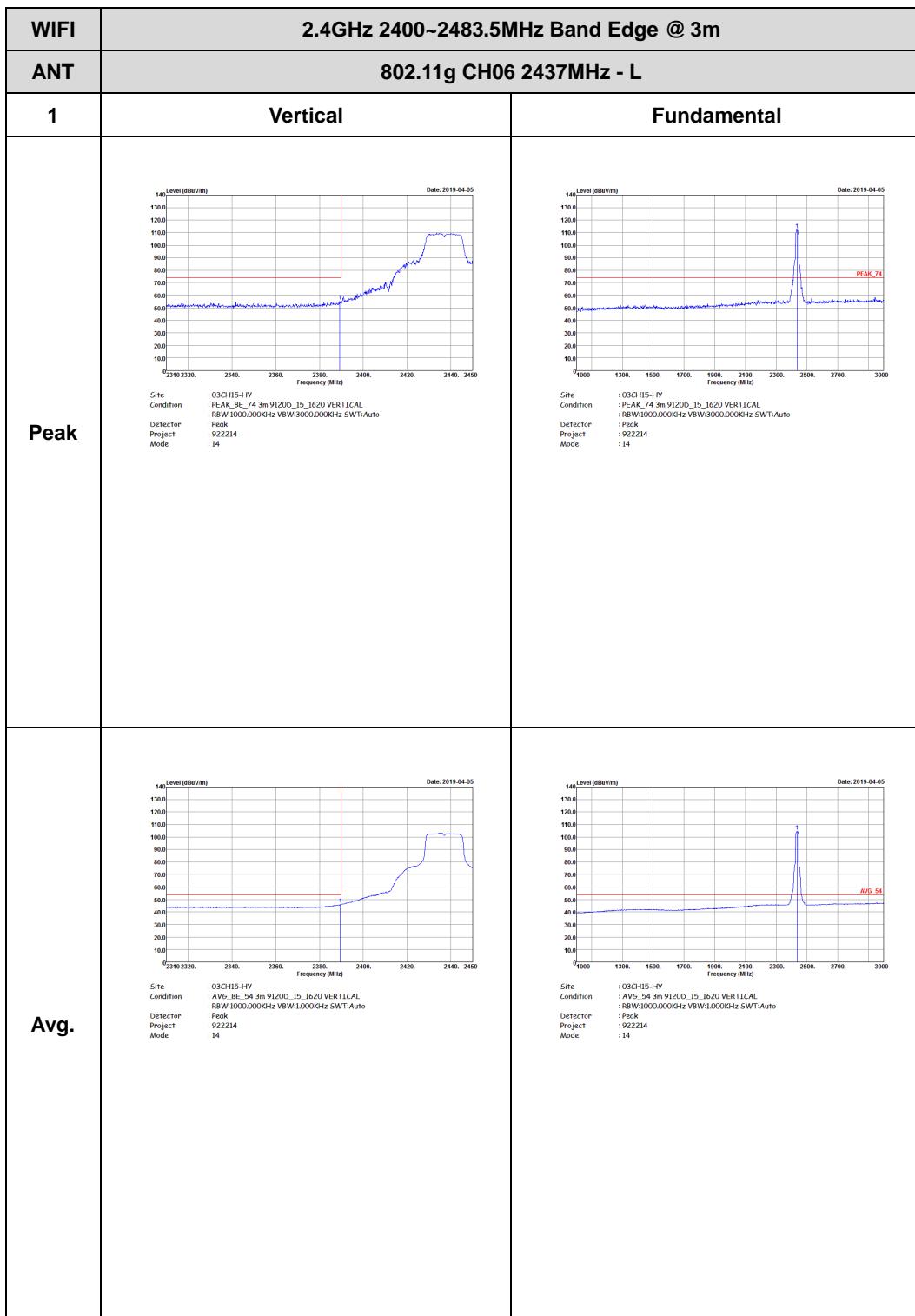
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Report No. : FR922214C



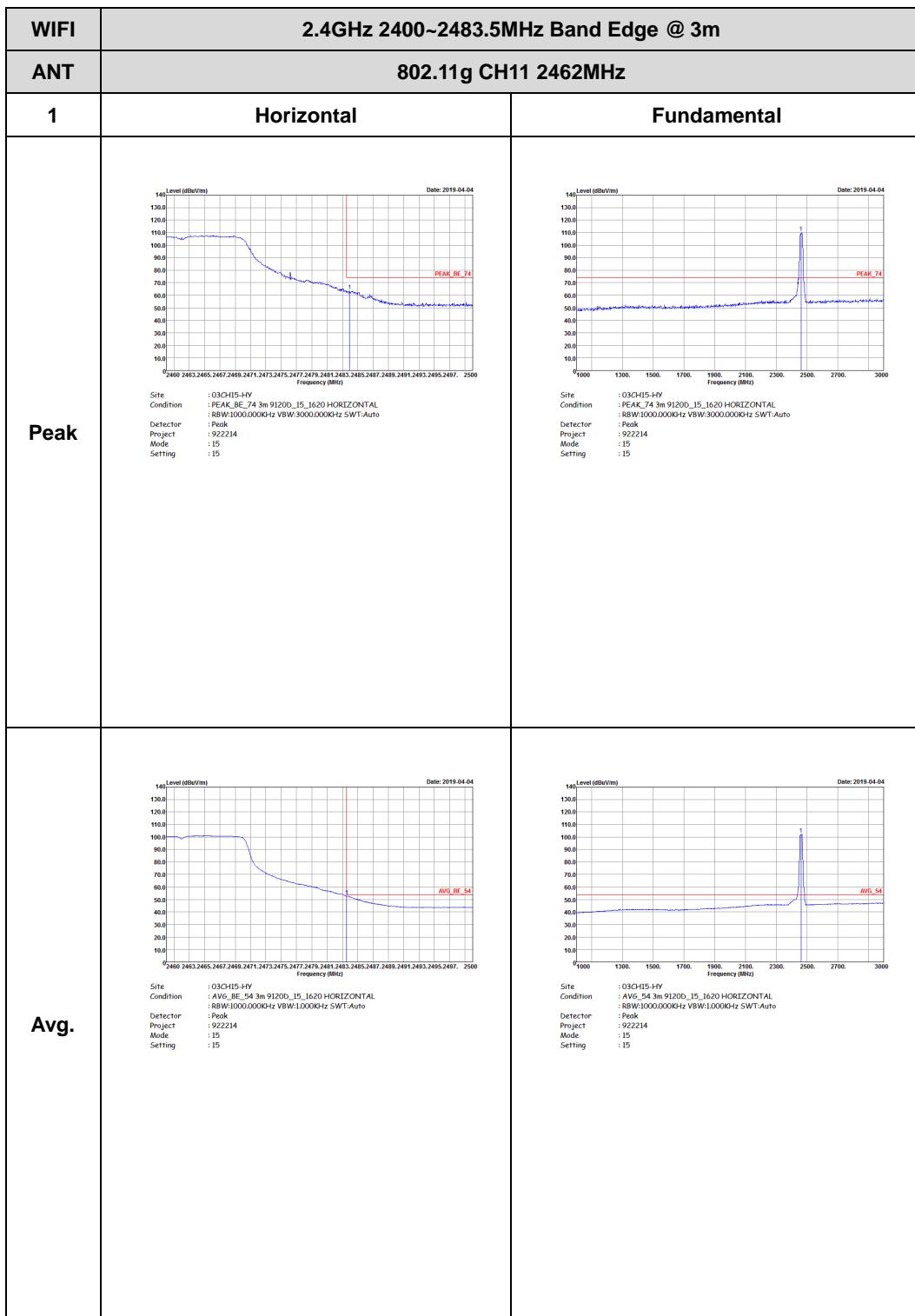


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Level (dBm/V/m)</p> <p>Date: 2019-04-05</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HV Condition : PCMK_BE_74 3m 91200_I5_1620 HORIZONTAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 922214 : 14</p>	Left blank
Avg.	 <p>Level (dBm/V/m)</p> <p>Date: 2019-04-05</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_I5_1620 HORIZONTAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 922214 : 14</p>	Left blank





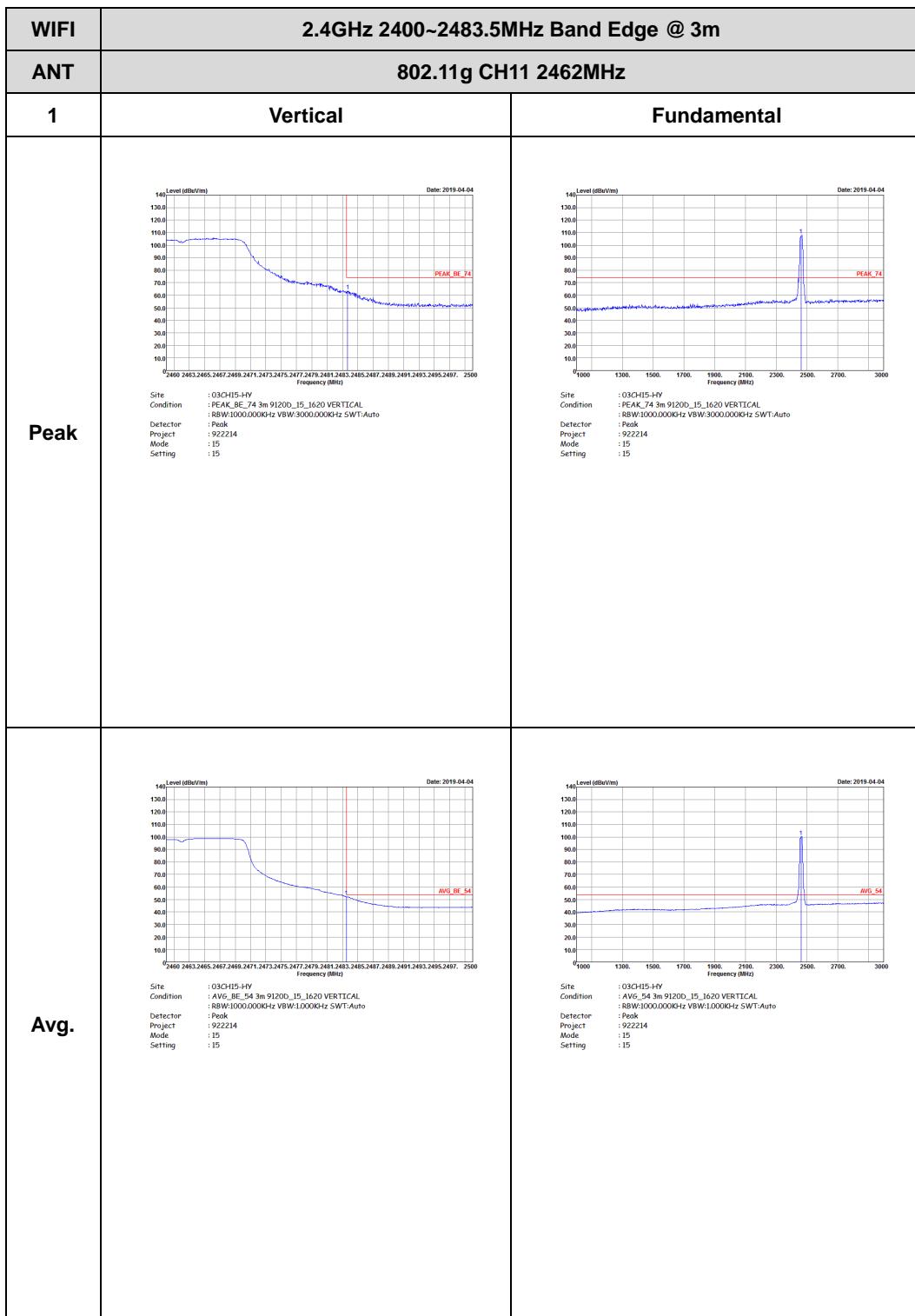
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 Date: 2019-04-05 Site : 03CH15-HV Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : 922214 Mode : 14 Left Blank	
Avg.	 Date: 2019-04-05 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : 922214 Mode : 14 Left Blank	





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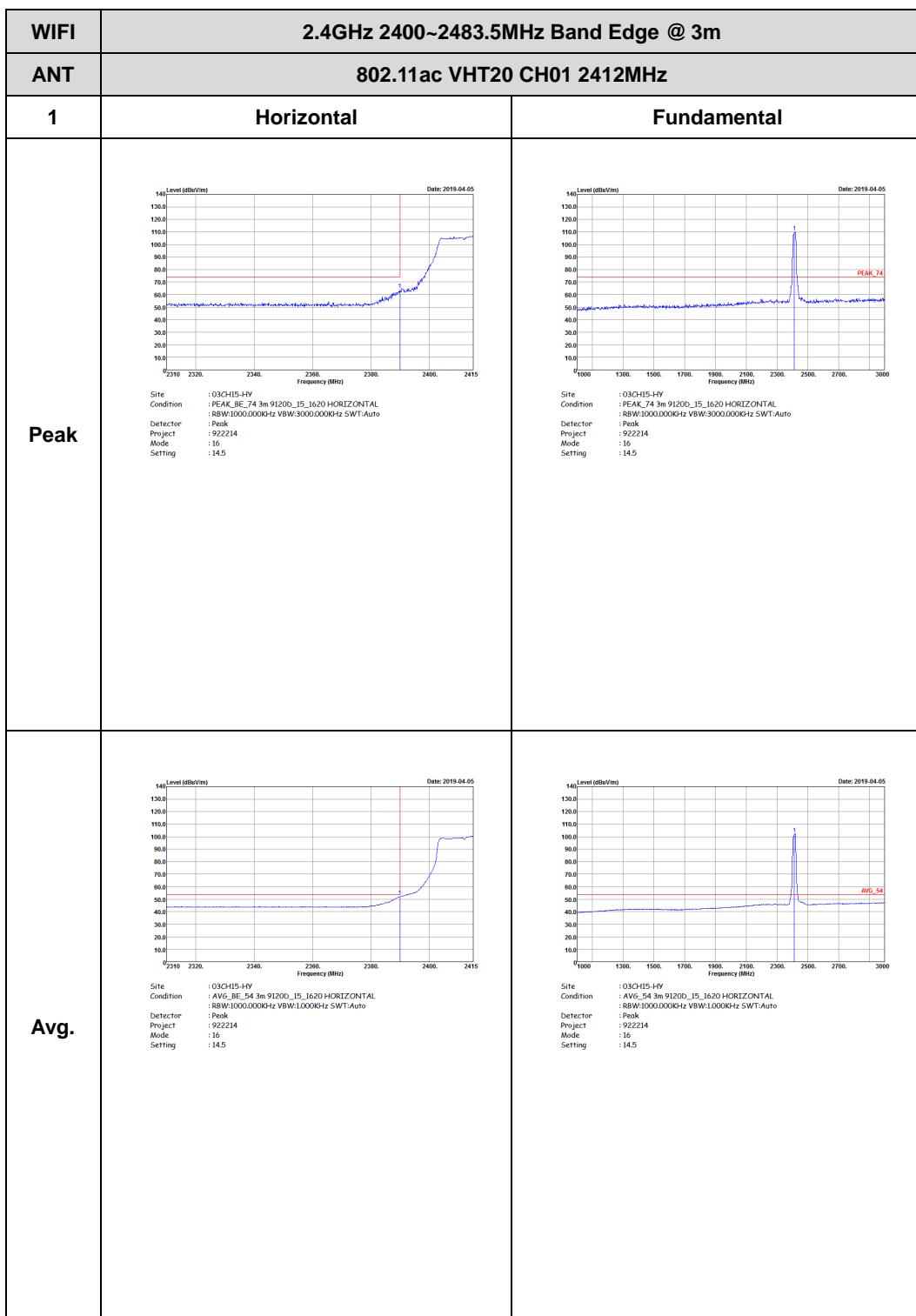
Report No. : FR922214C

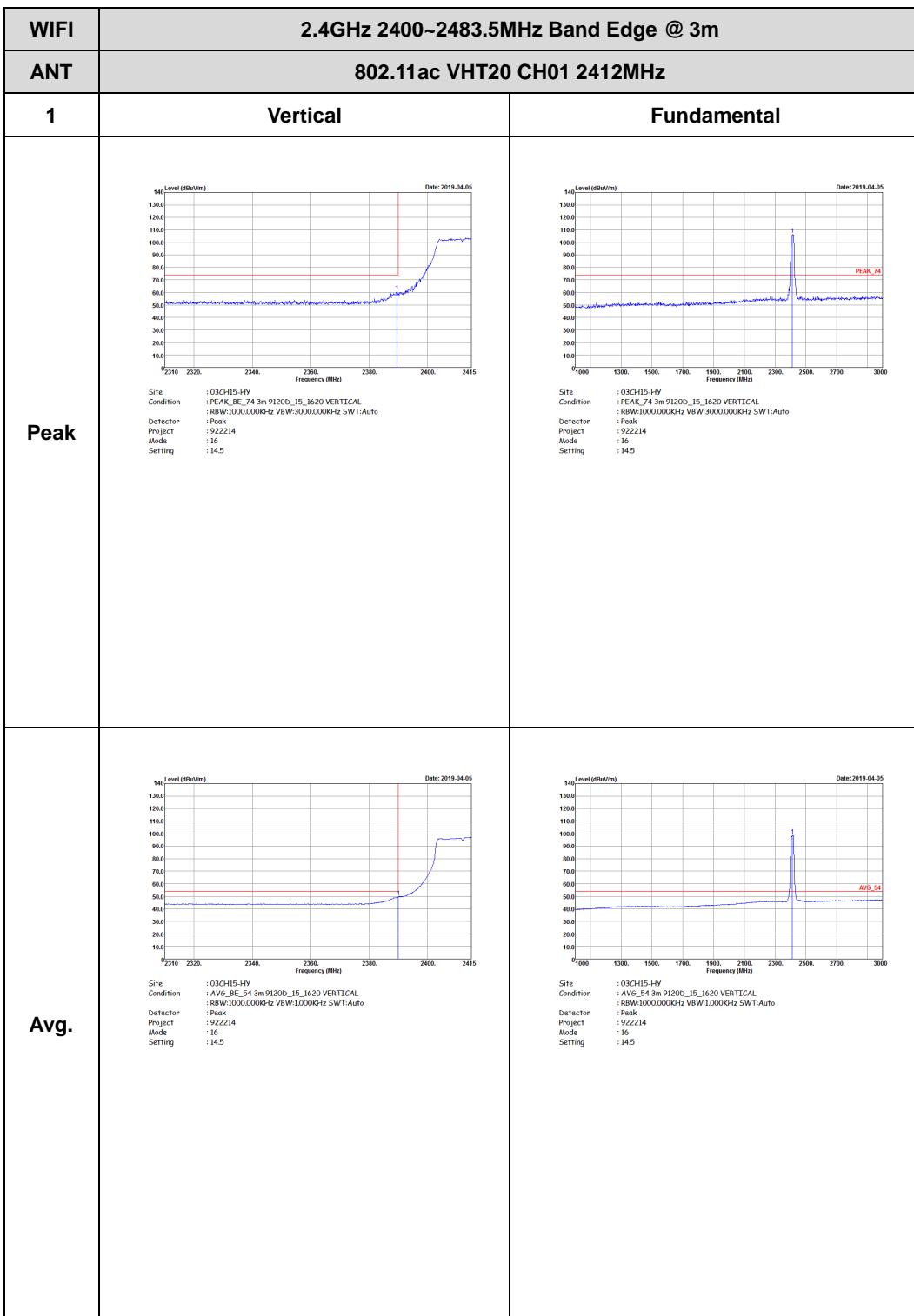


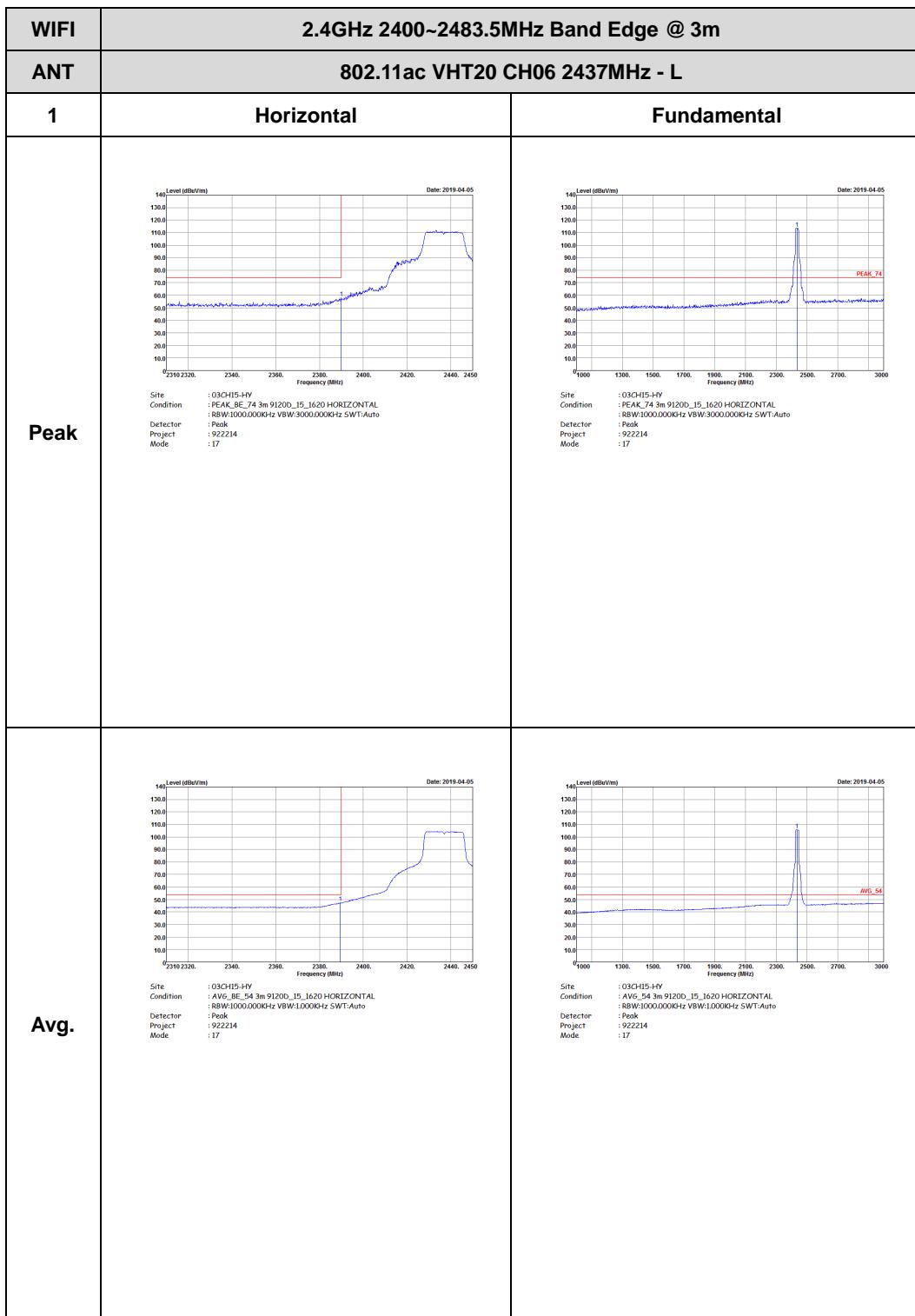


2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

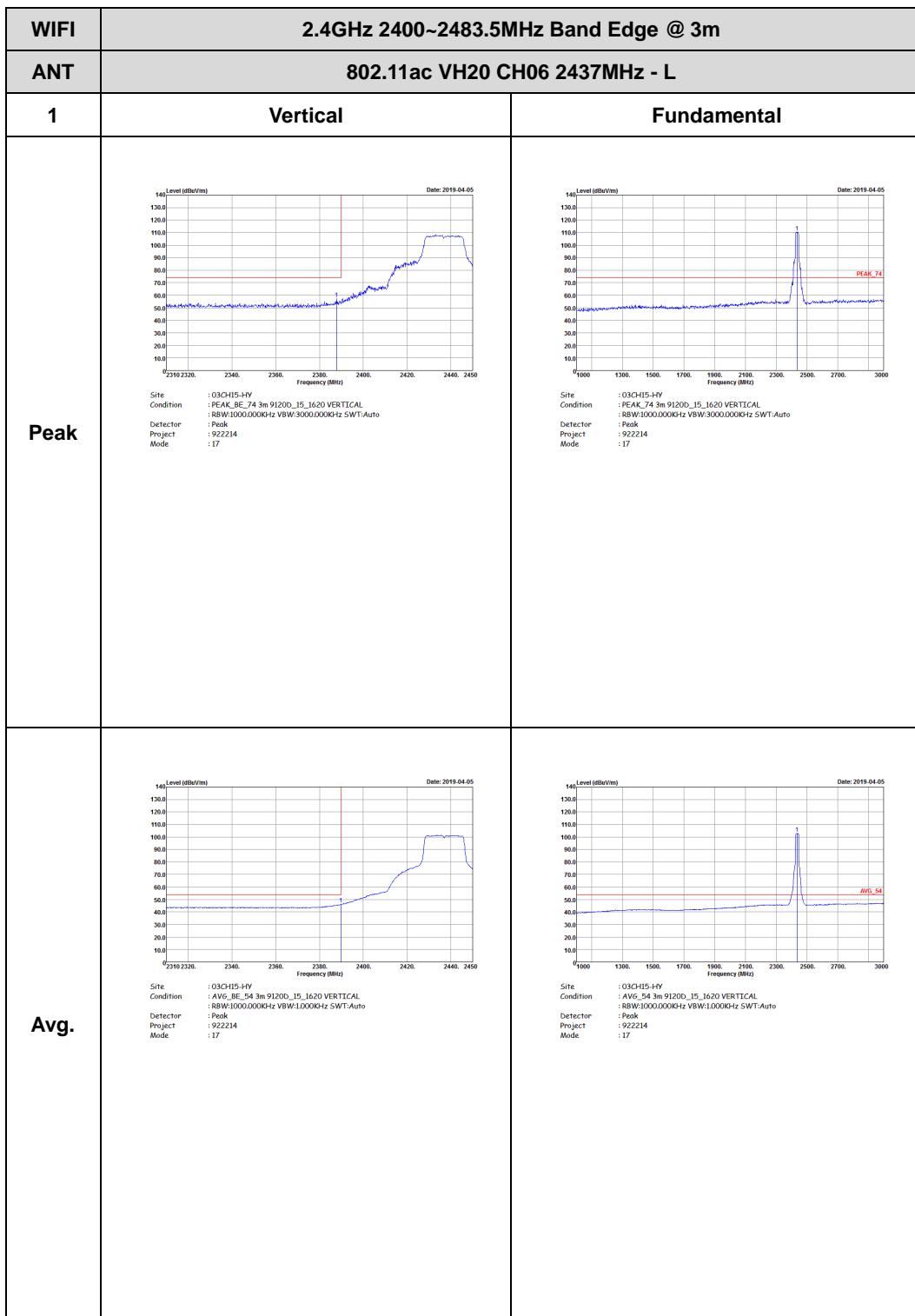






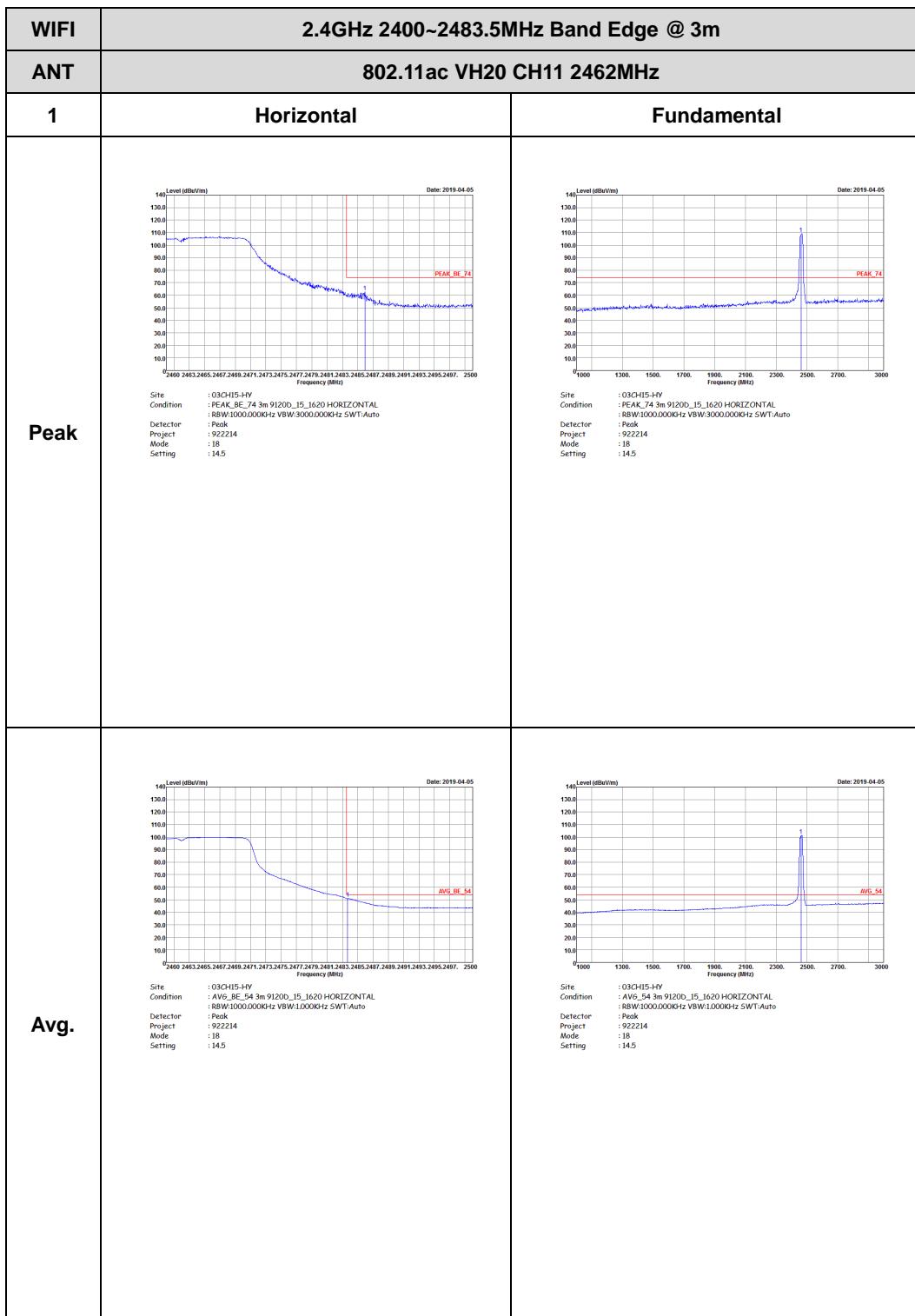


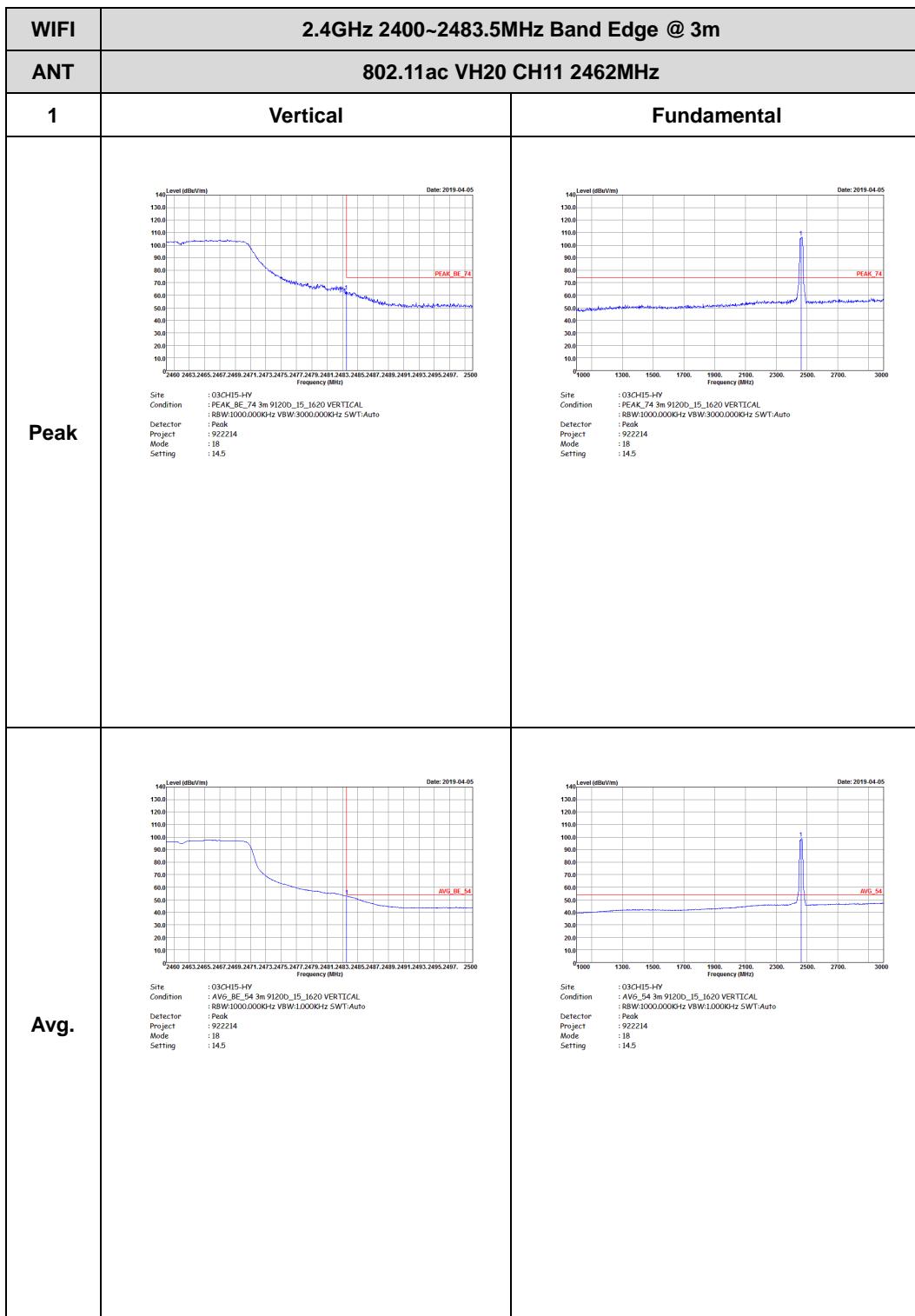
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 HORIZONTAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 922214 IT : 17	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 HORIZONTAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 922214 IT : 17	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 Date: 2019-04-05 Site : 03CH15-HV Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 922214 : 17	Left blank
Avg.	 Date: 2019-04-05 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 922214 : 17	Left blank





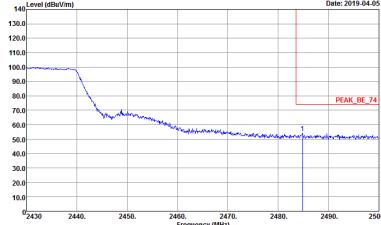
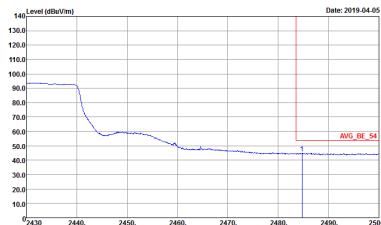


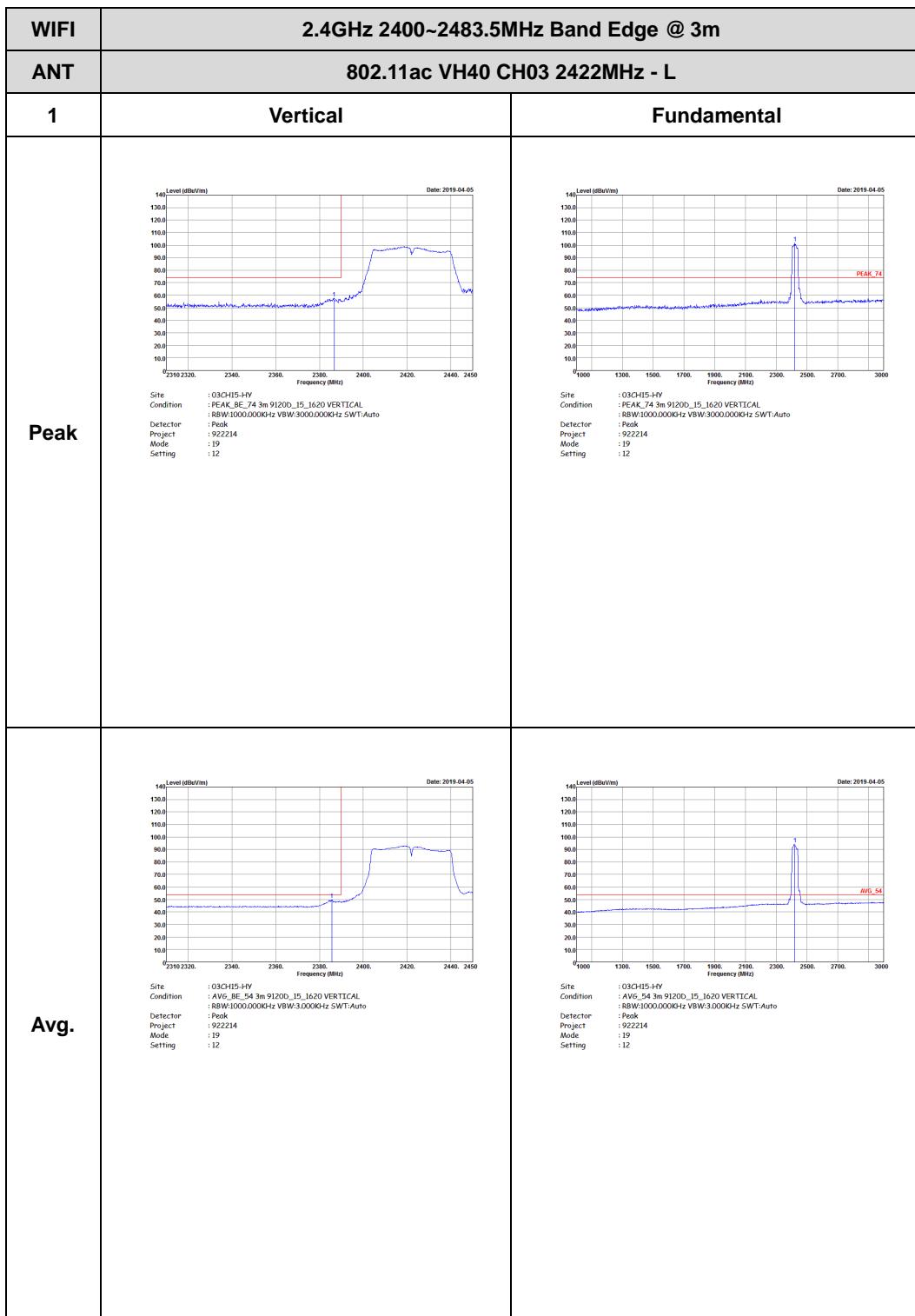
2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74_3m_91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 922214 Mode : 19 Setting : 12	 Site : 03CH15-HY Condition : PEAK_74_3m_91200_I5_1620_HORIZONTAL Detector : Peak Project : 922214 Mode : 19 Setting : 12
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54_3m_91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 922214 Mode : 19 Setting : 12	 Site : 03CH15-HY Condition : AVG_54_3m_91200_I5_1620_HORIZONTAL Detector : Peak Project : 922214 Mode : 19 Setting : 12

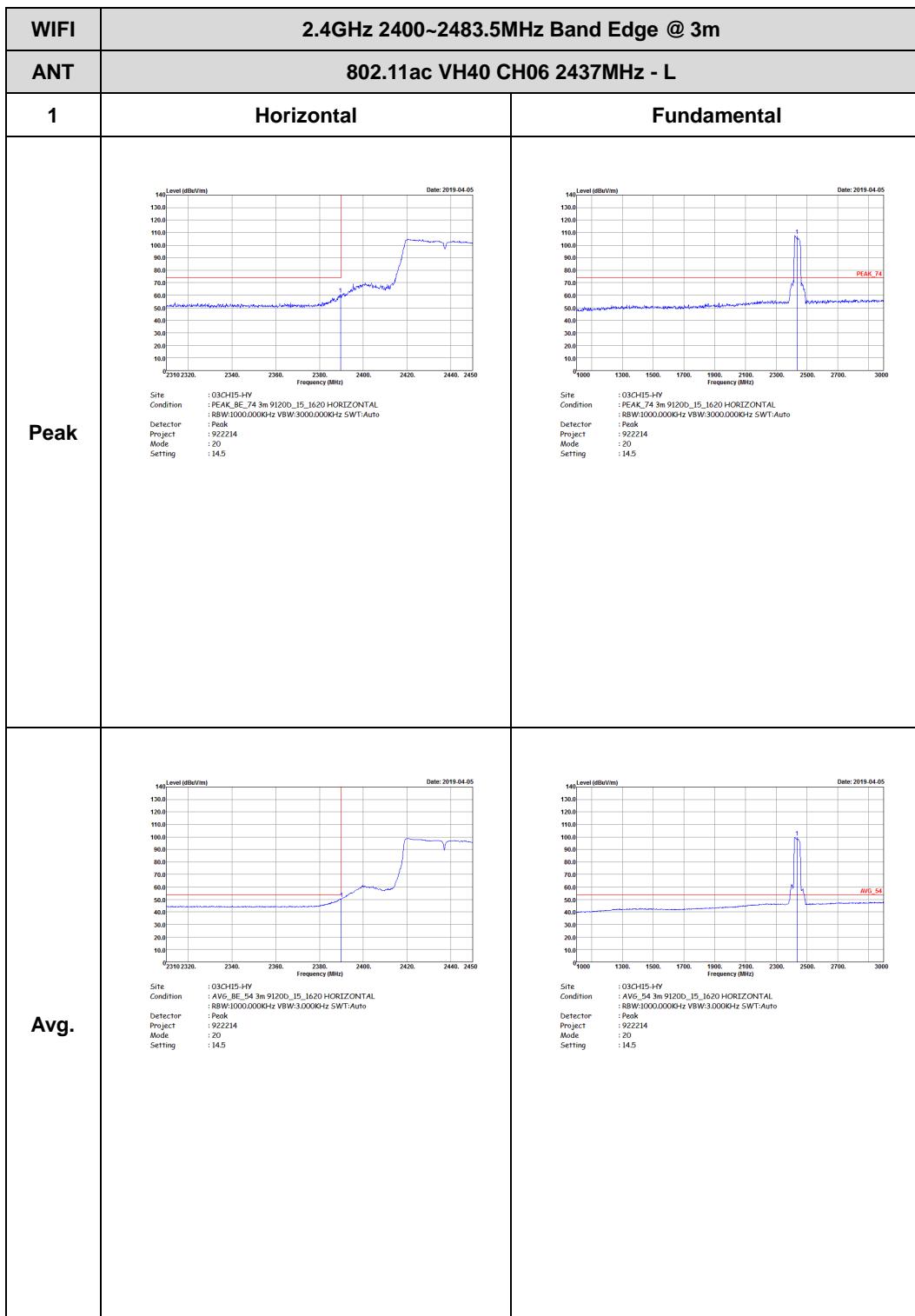


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Level (dBm/V/m)</p> <p>Date: 2019-04-05</p> <p>Site : 03CH15-HV Condition : PCMK_BE_74 3m 91200_I5_1620 HORIZONTAL Detector : R8W1000.000KHz VBW:3.000KHz SWT:Auto Project : 922214 Mode : 19 Setting : 12</p>	Left blank
Avg.	 <p>Level (dBm/V/m)</p> <p>Date: 2019-04-05</p> <p>Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_I5_1620 HORIZONTAL Detector : R8W1000.000KHz VBW:3.000KHz SWT:Auto Project : 922214 Mode : 19 Setting : 12</p>	Left blank

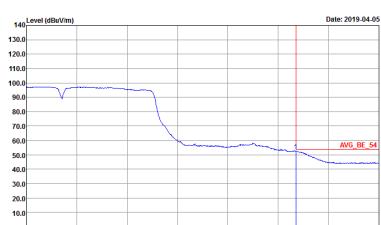


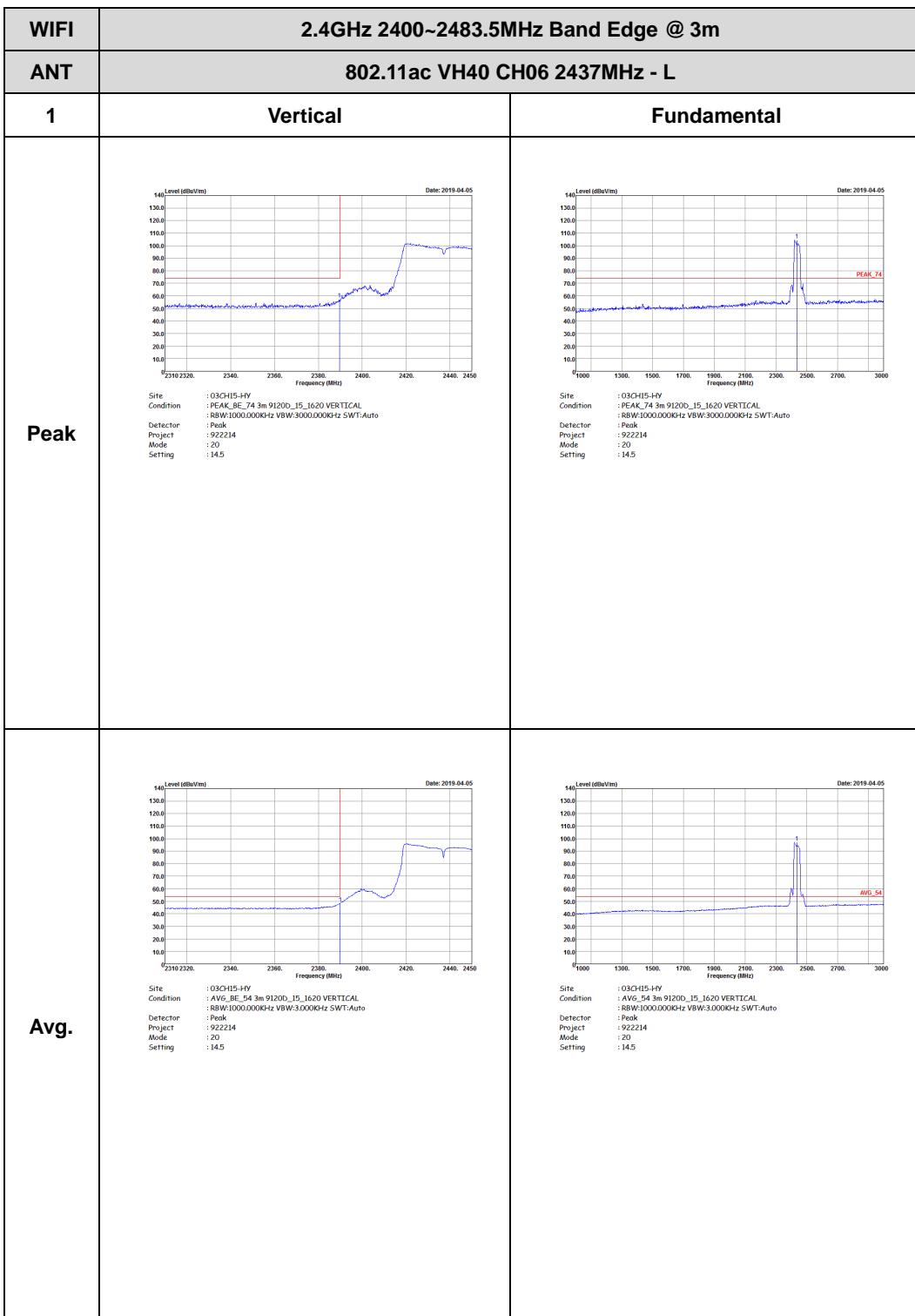


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
1	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Setting : 19	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Setting : 19	Left blank



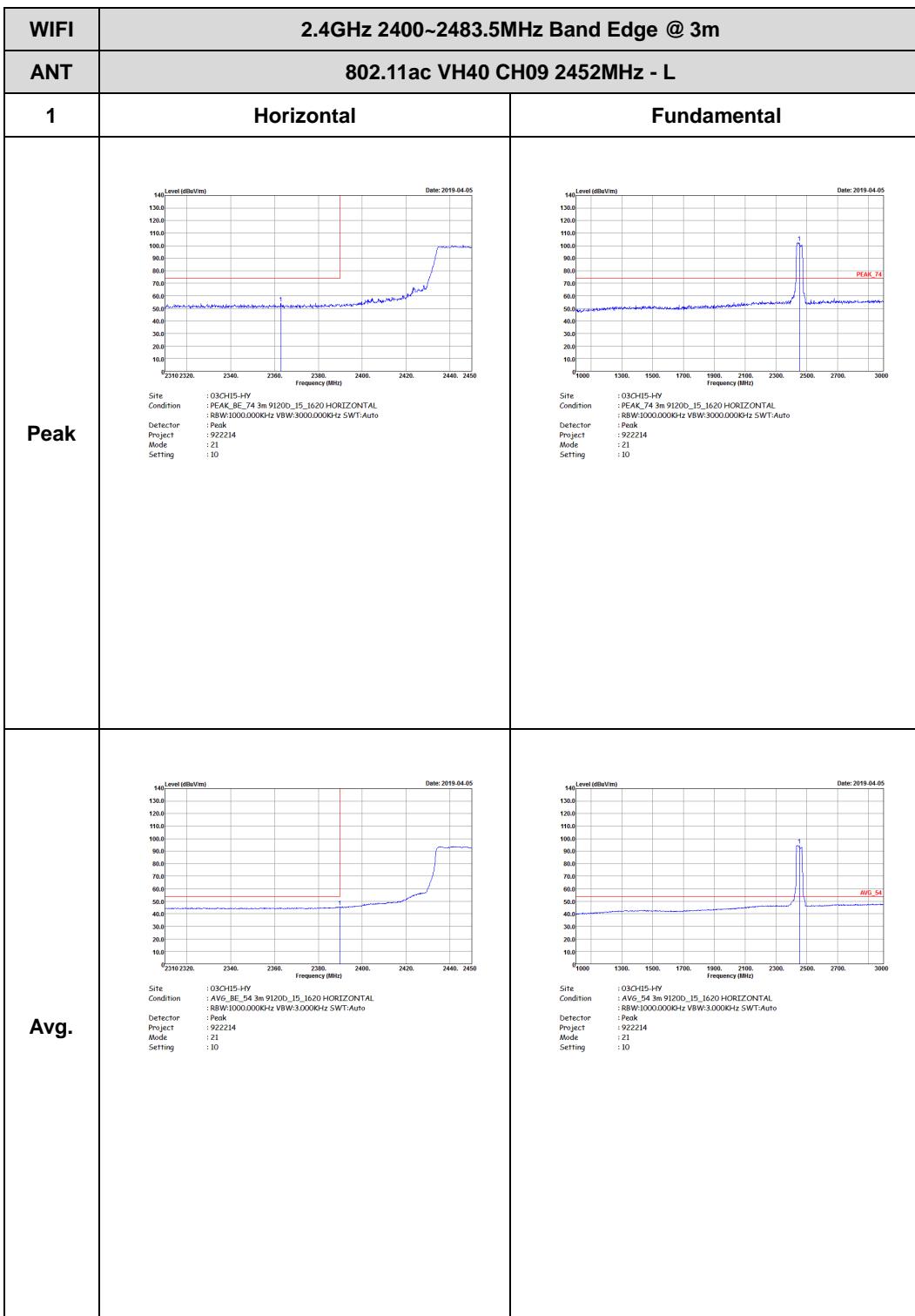


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-05</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 20 Setting : 14.5</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-05</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 20 Setting : 14.5</p>	Left blank

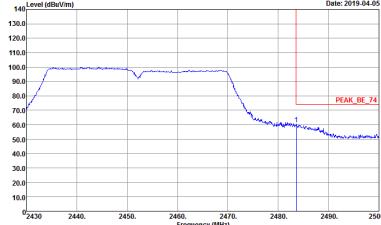
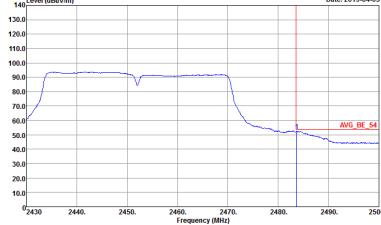


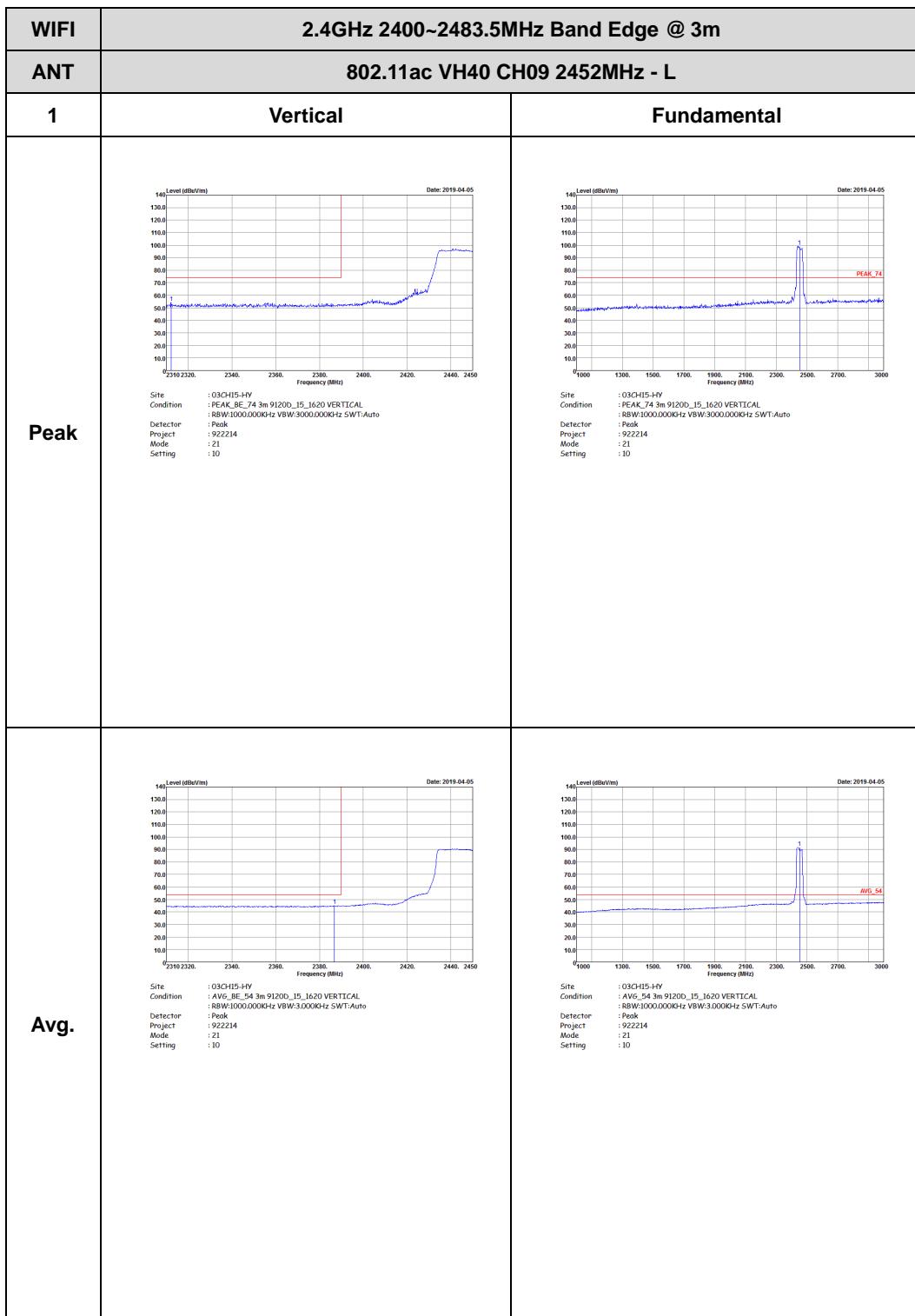


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - R	
1	Vertical	Fundamental
Peak	 Date: 2019-04-05 Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Setting : 20 : 14.5	Left blank
Avg.	 Date: 2019-04-05 Site : AVG_BE_54 3m 91200_I5_1620 VERTICAL Condition : R8W1000.000KHz VBW:3.000KHz SWT:Auto Detector : Peak Project : 922214 Mode : 20 Setting : 14.5	Left blank

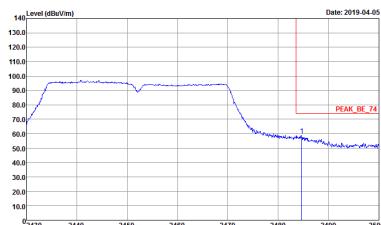




WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - R	
1	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-05</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Setting : 21 : 10</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-05</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Setting : 21 : 10</p>	Left blank



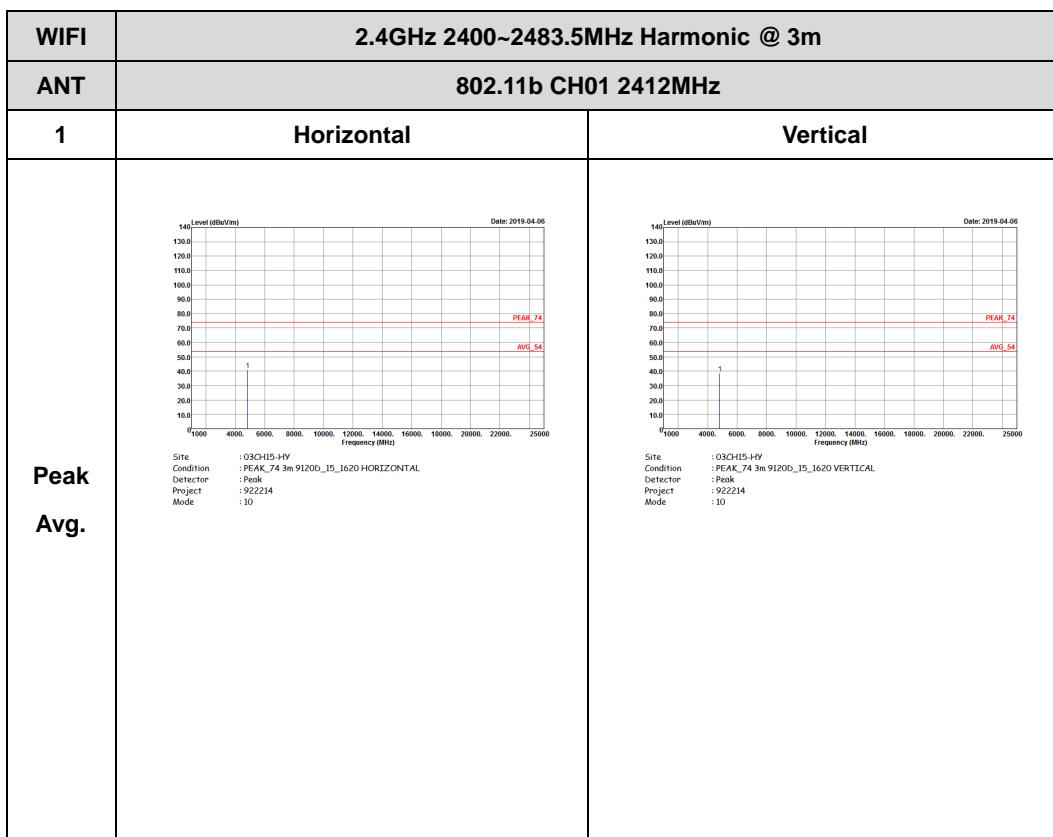


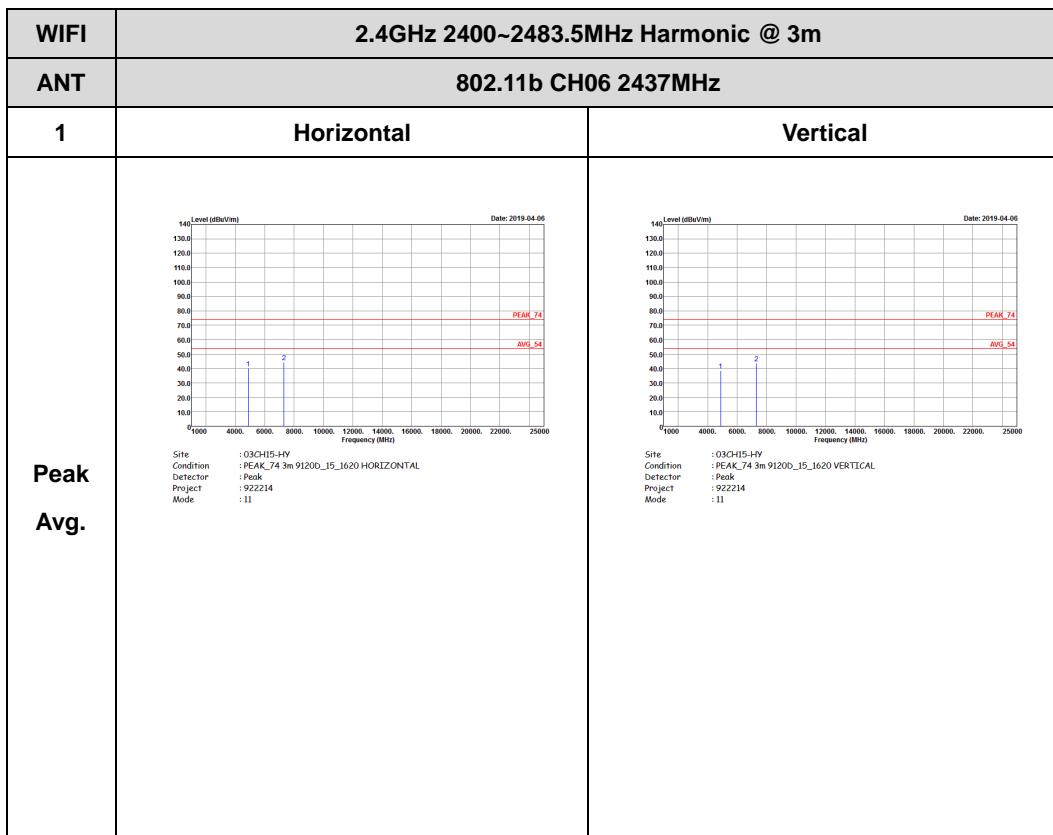
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - R	
1	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-05</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Setting : 21 : 10</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-05</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Setting : 21 : 10</p>	Left blank

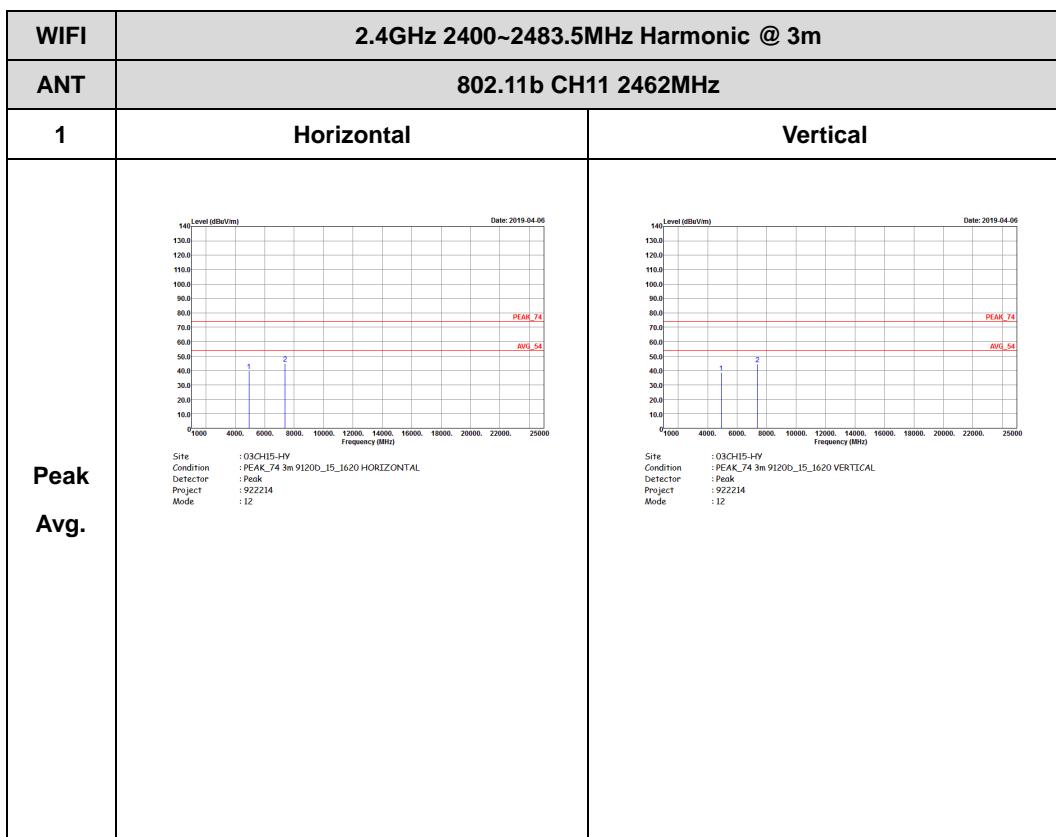


2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)



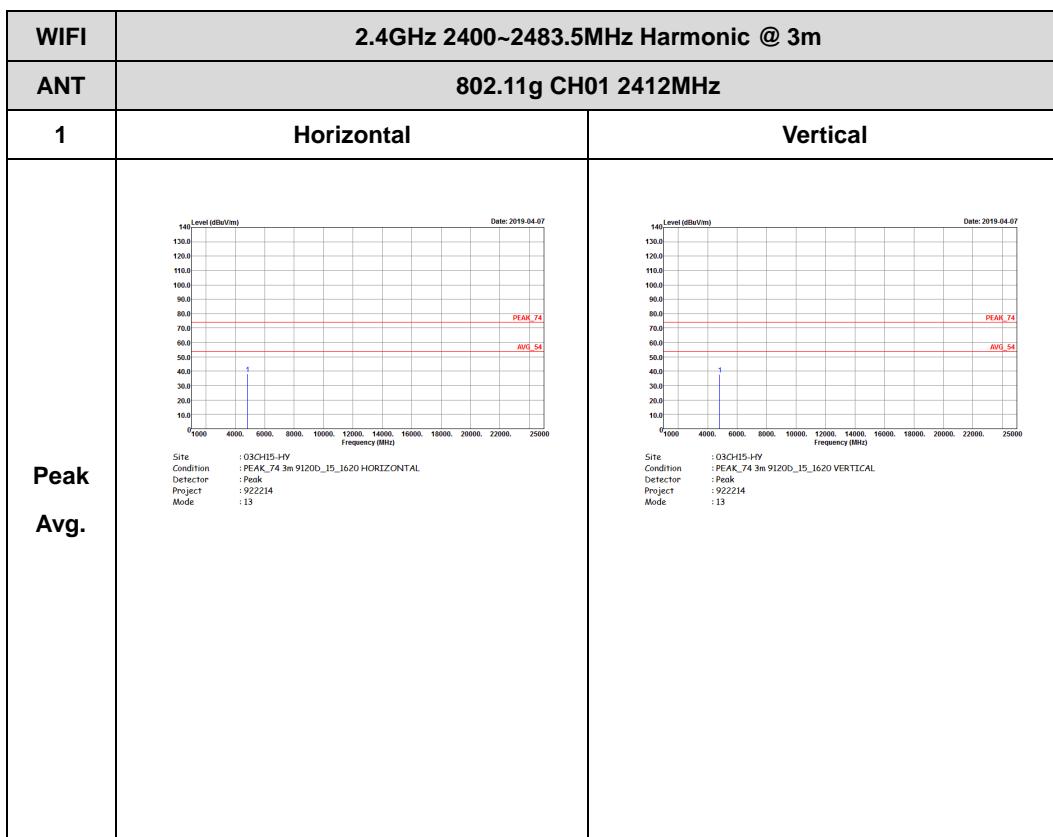


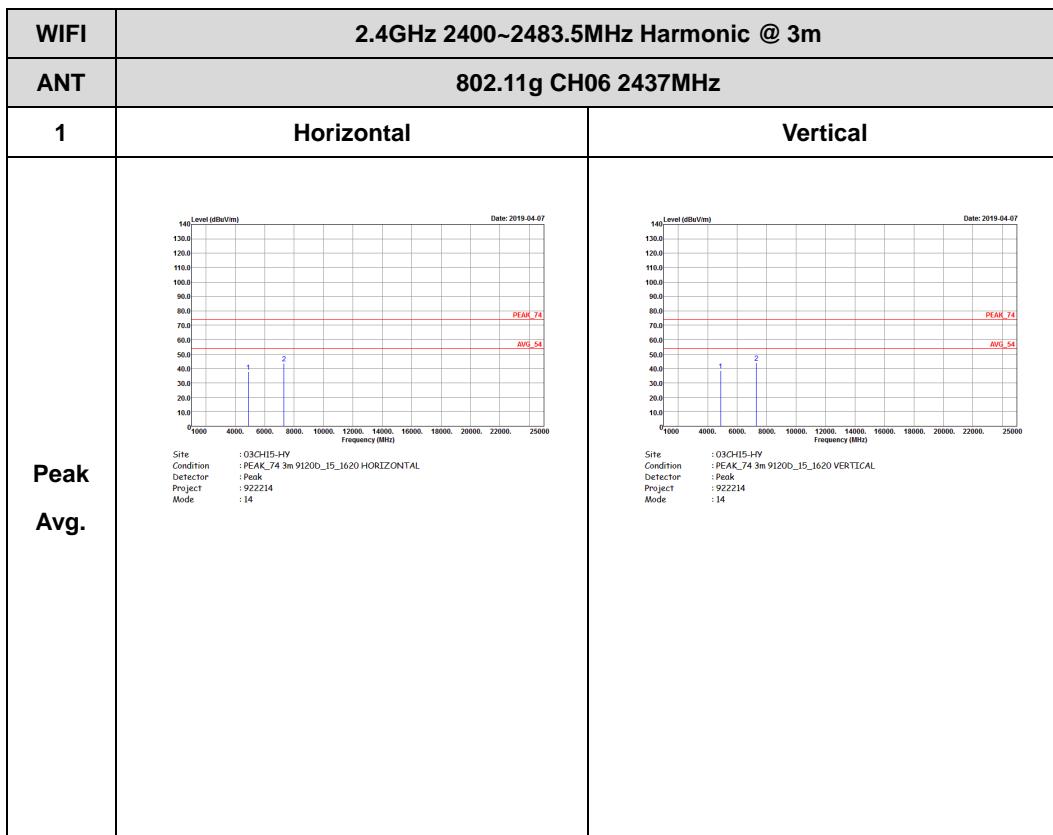


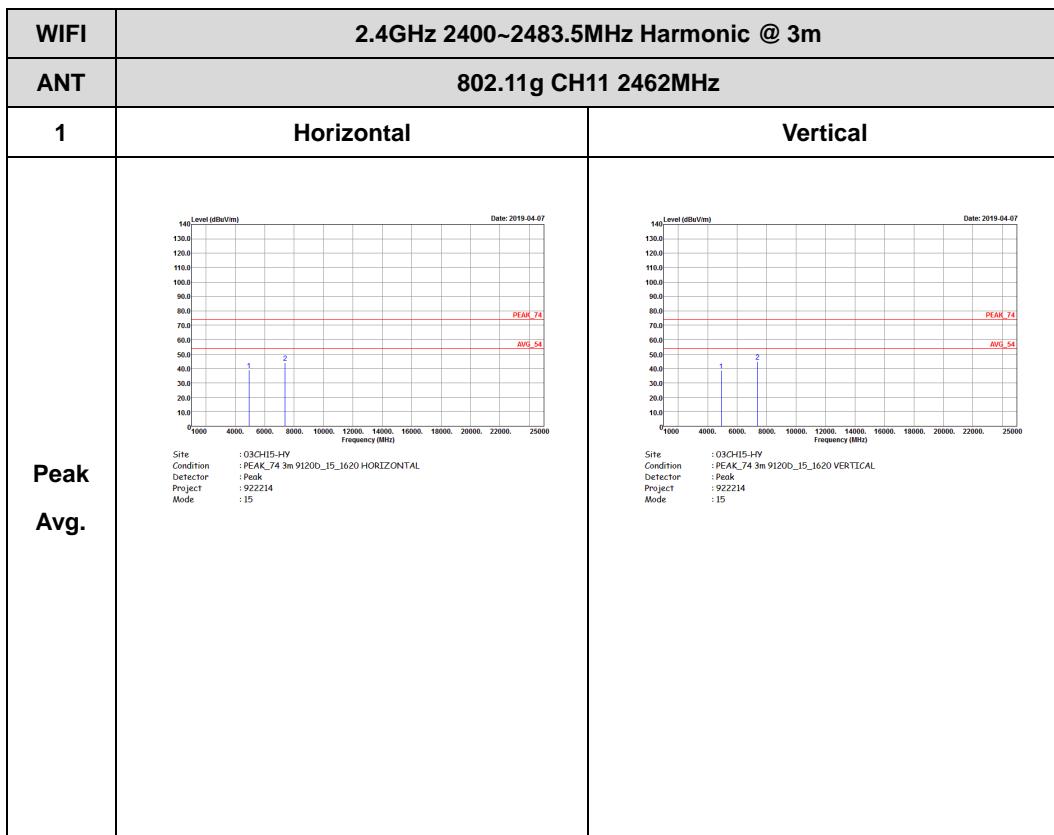


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)



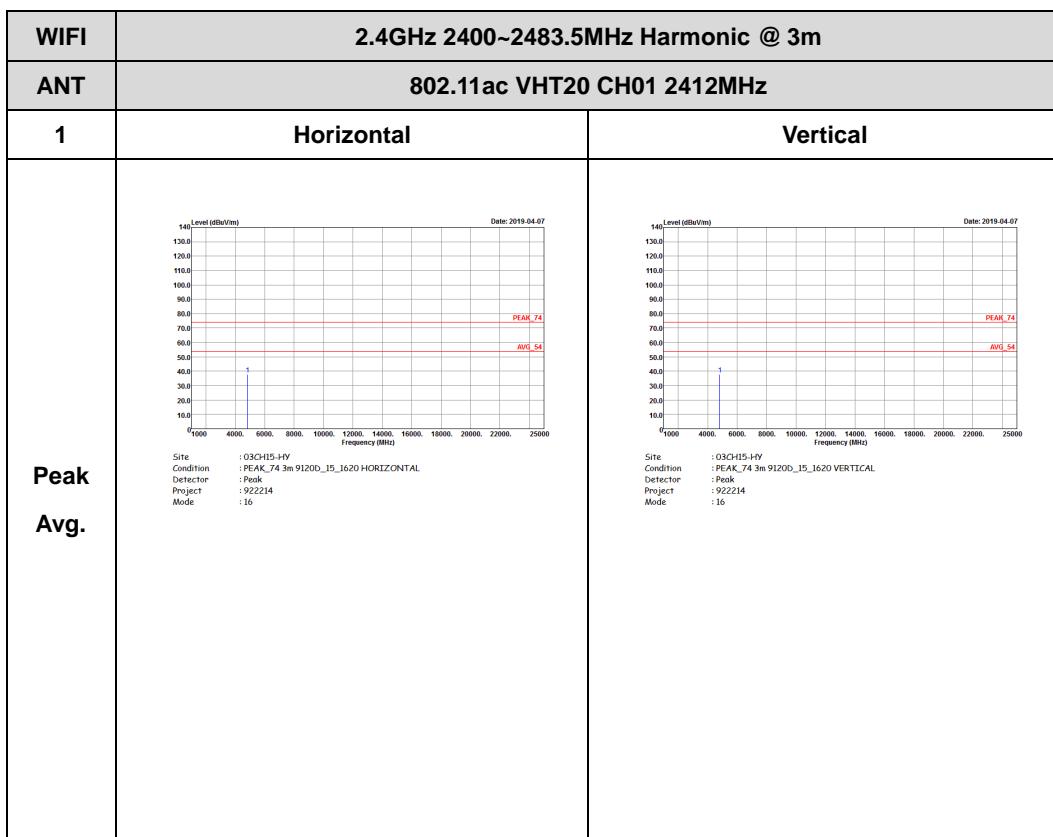


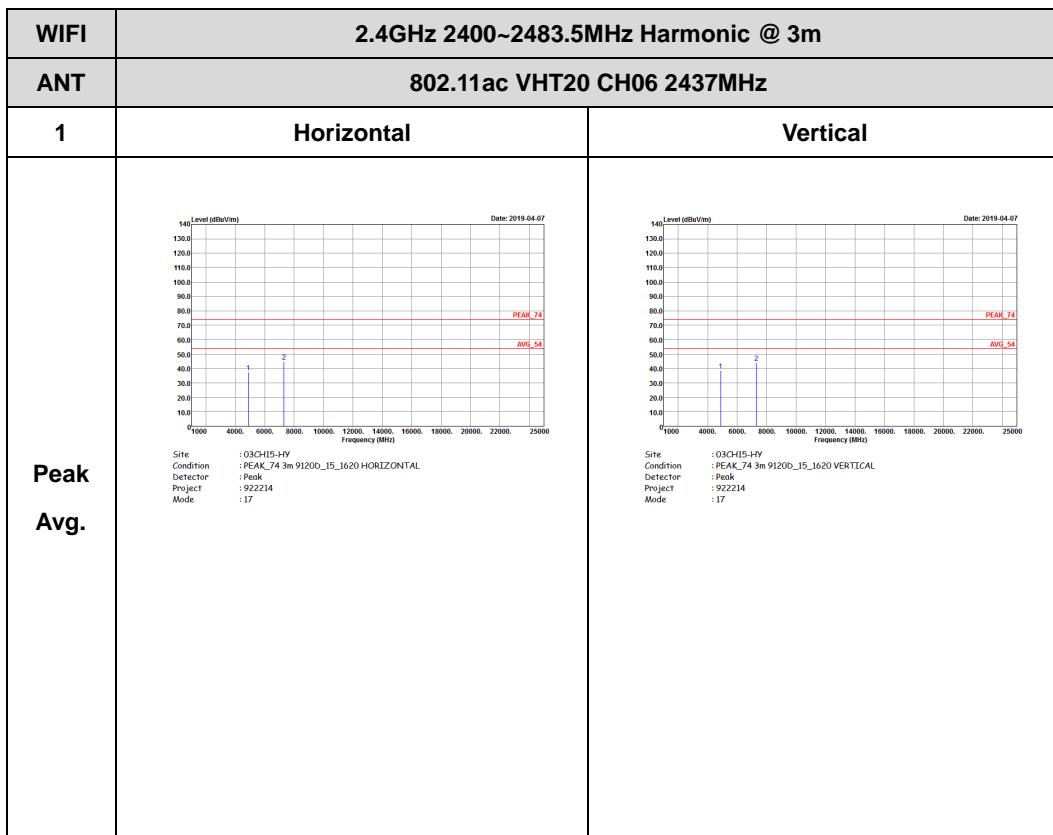


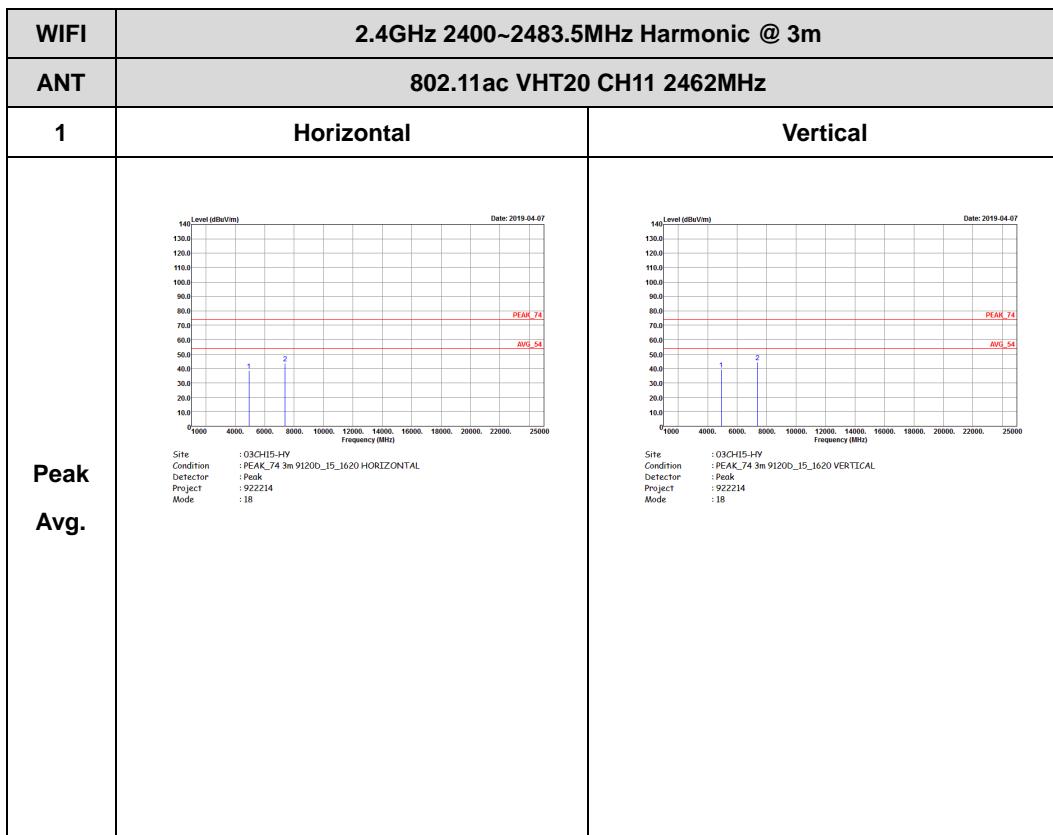


2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)



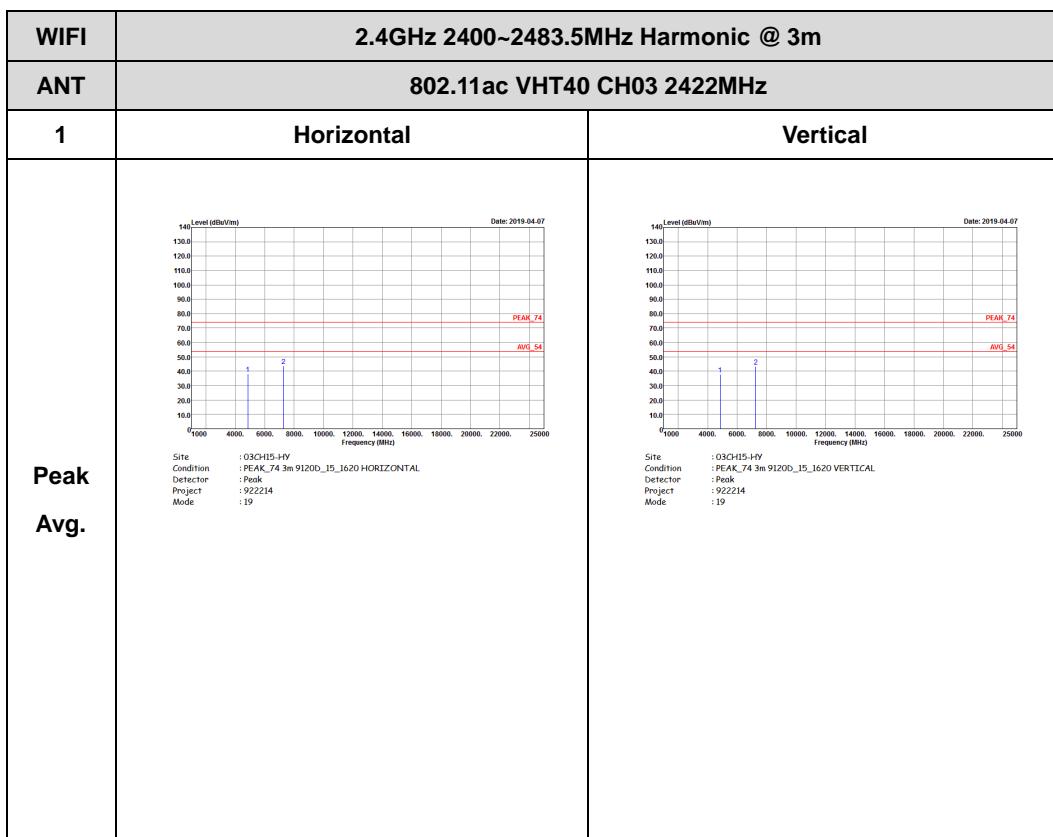


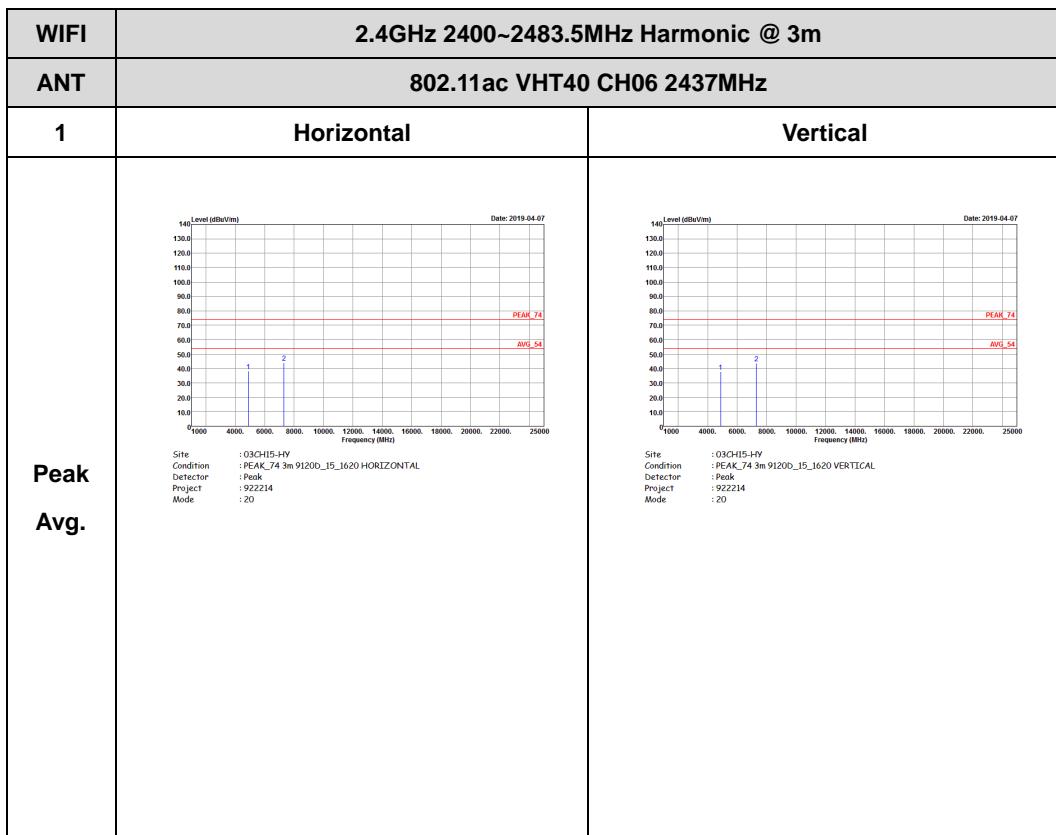


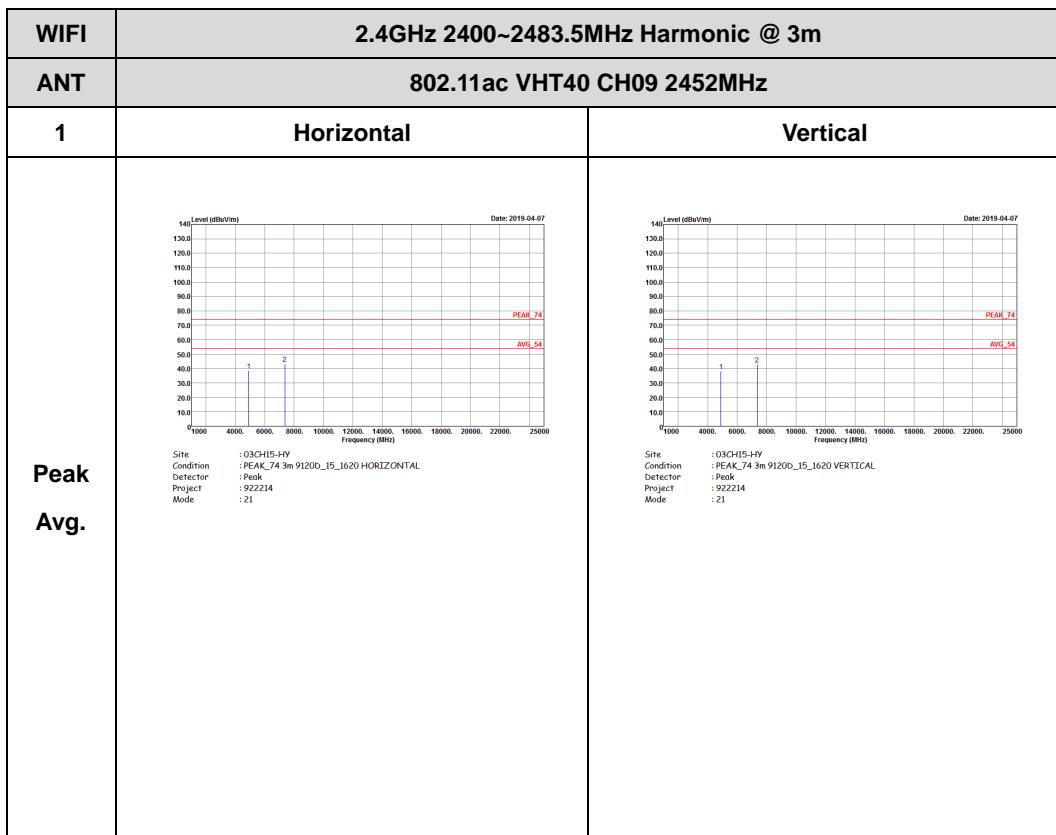


2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)





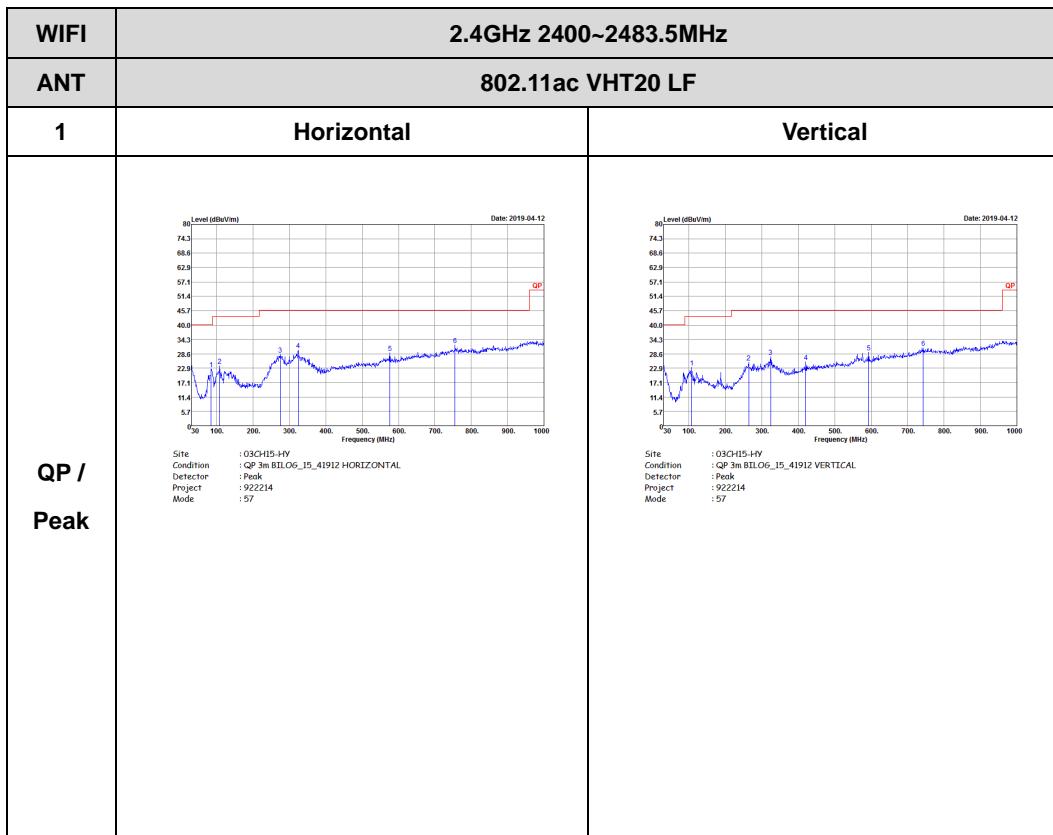




2.4GHz 2400~2483.5MHz

Emission below 1GHz

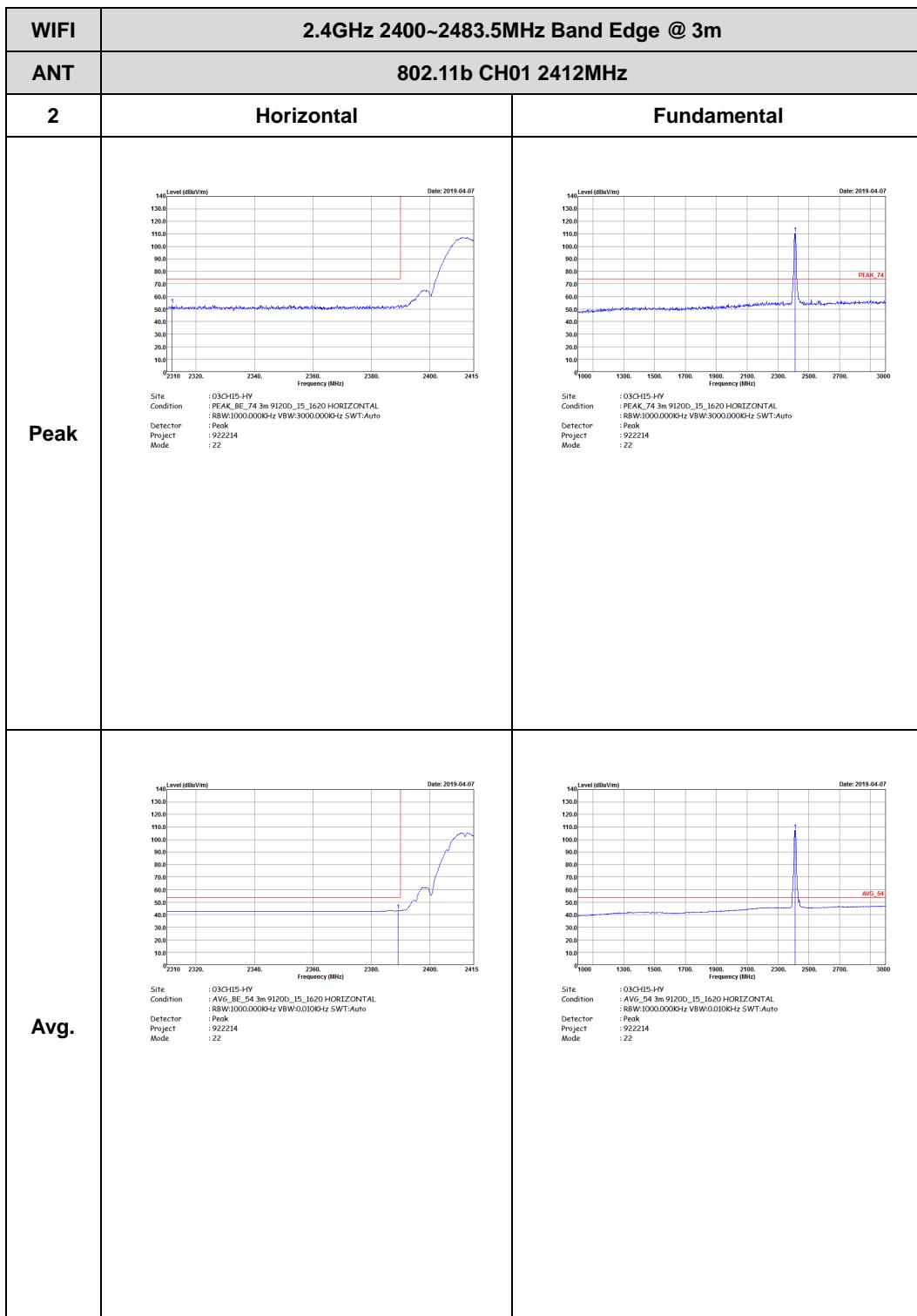
2.4GHz WIFI 802.11ac VHT20 (LF)



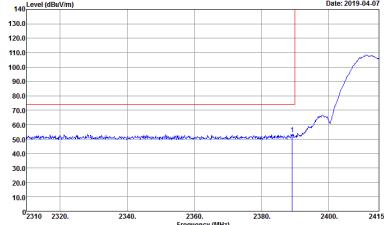
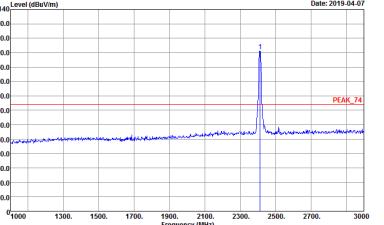
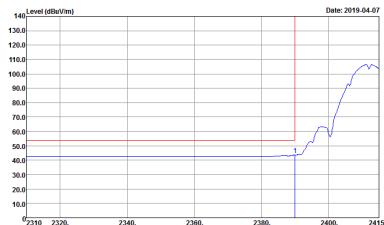


2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)



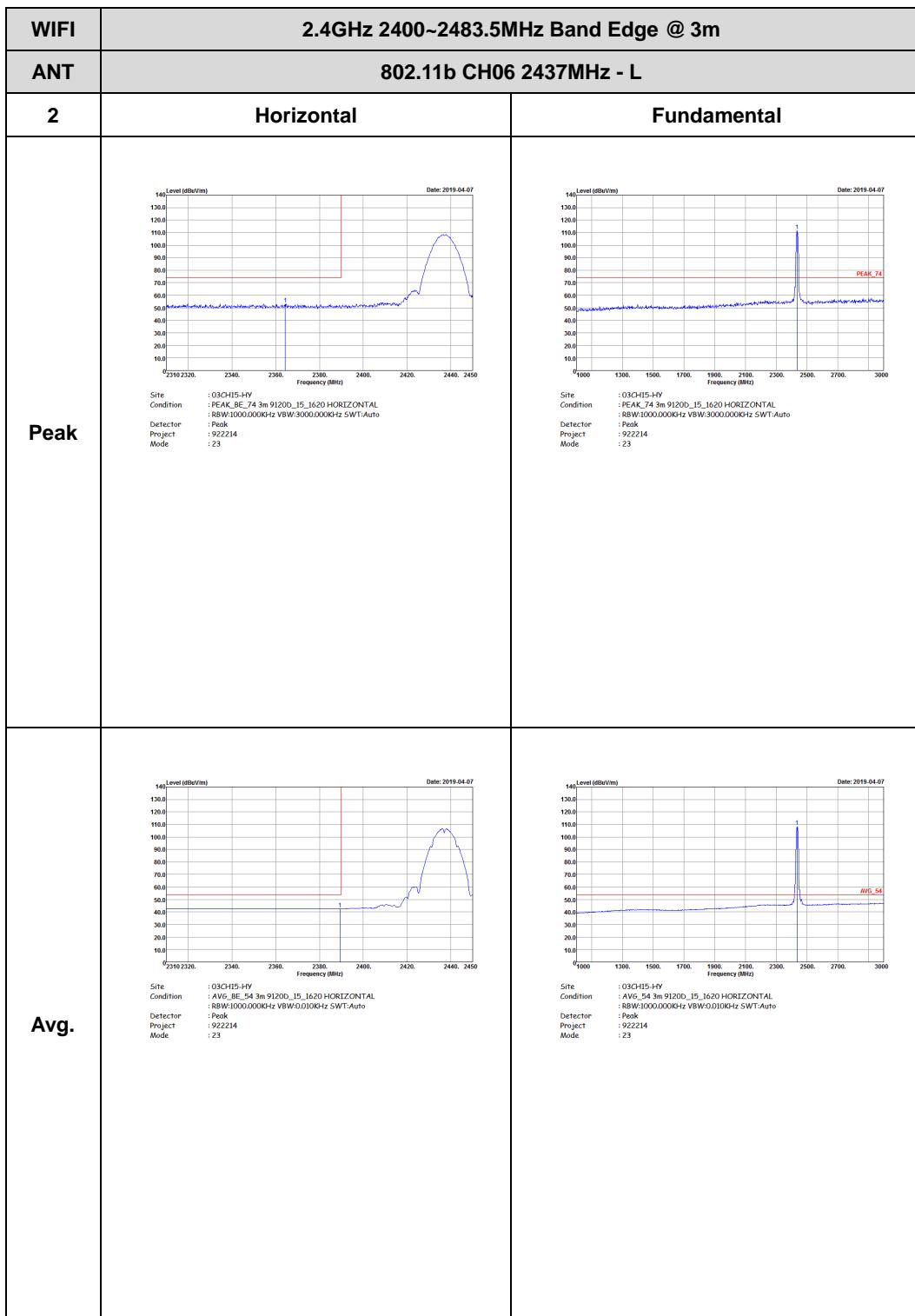


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
2	Vertical	Fundamental
Peak	 <p>Date: 2019-04-07 Site: 03CH15-HY Condition: PCAK_BE_74 3m 91200_I5_1620 VERTICAL Detector: R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 922214 Mode: 22</p>	 <p>Date: 2019-04-07 Site: 03CH15-HY Condition: PCAK_BE_74 3m 91200_I5_1620 VERTICAL Detector: R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project: 922214 Mode: 22</p>
Avg.	 <p>Date: 2019-04-07 Site: 03CH15-HY Condition: AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector: R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project: 922214 Mode: 22</p>	 <p>Date: 2019-04-07 Site: 03CH15-HY Condition: AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector: R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project: 922214 Mode: 22</p>

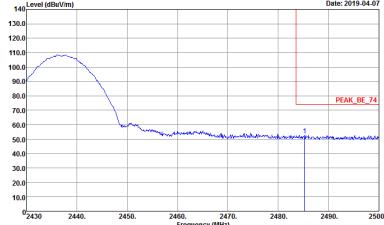


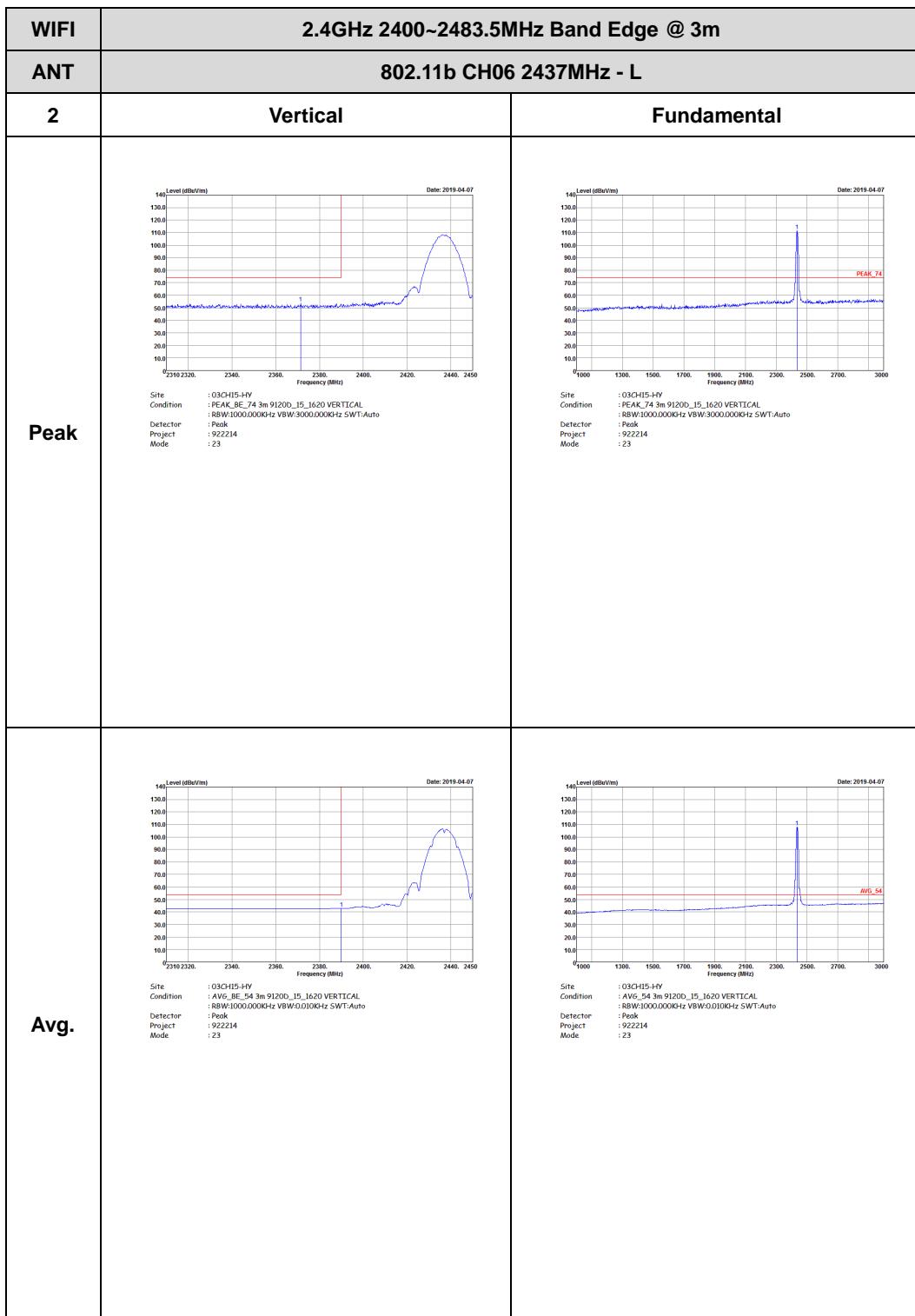
FCC RADIO TEST REPORT

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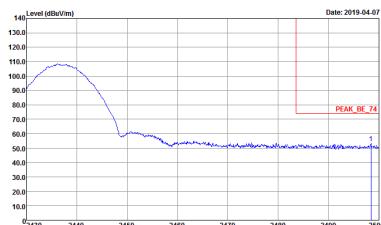


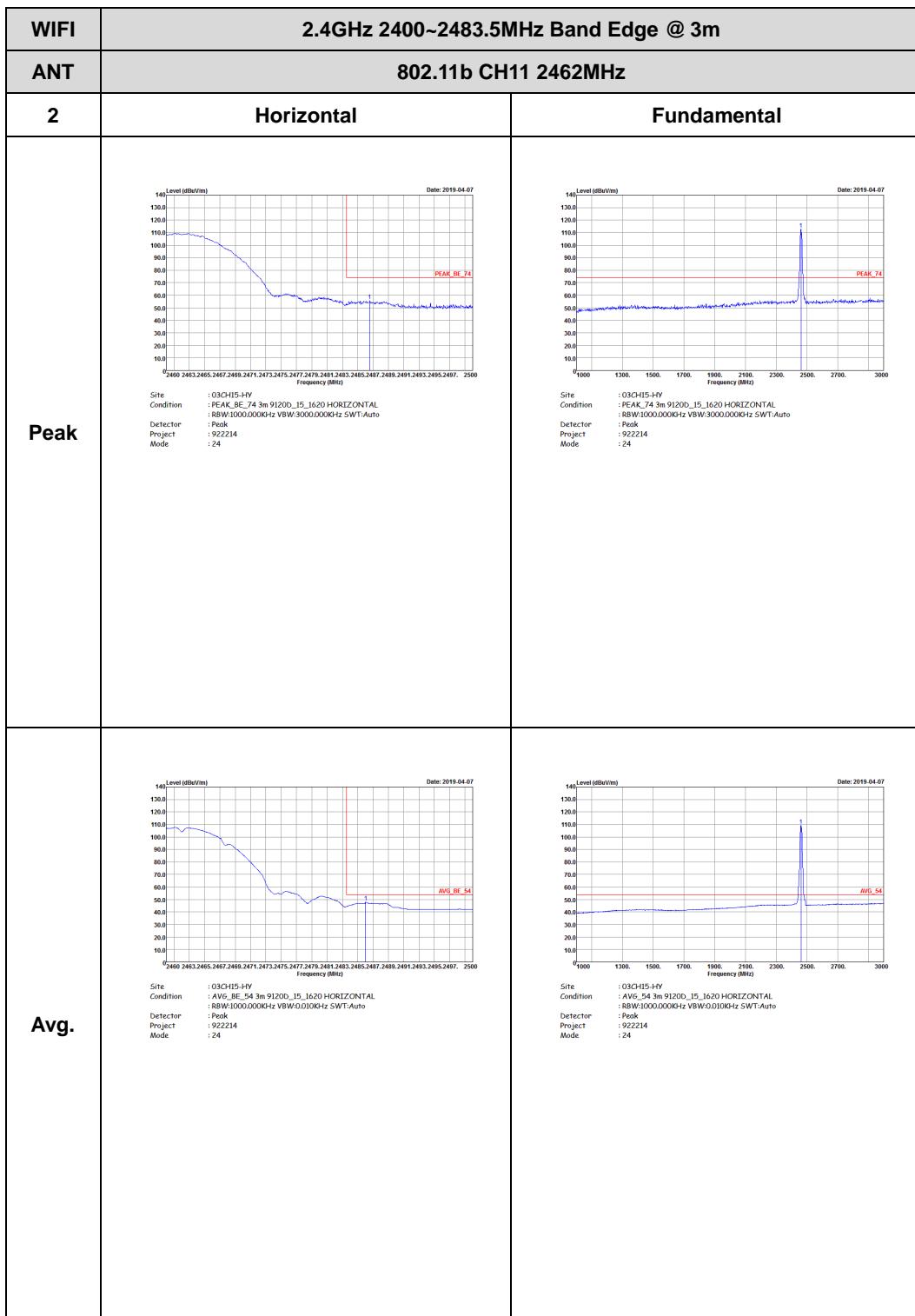


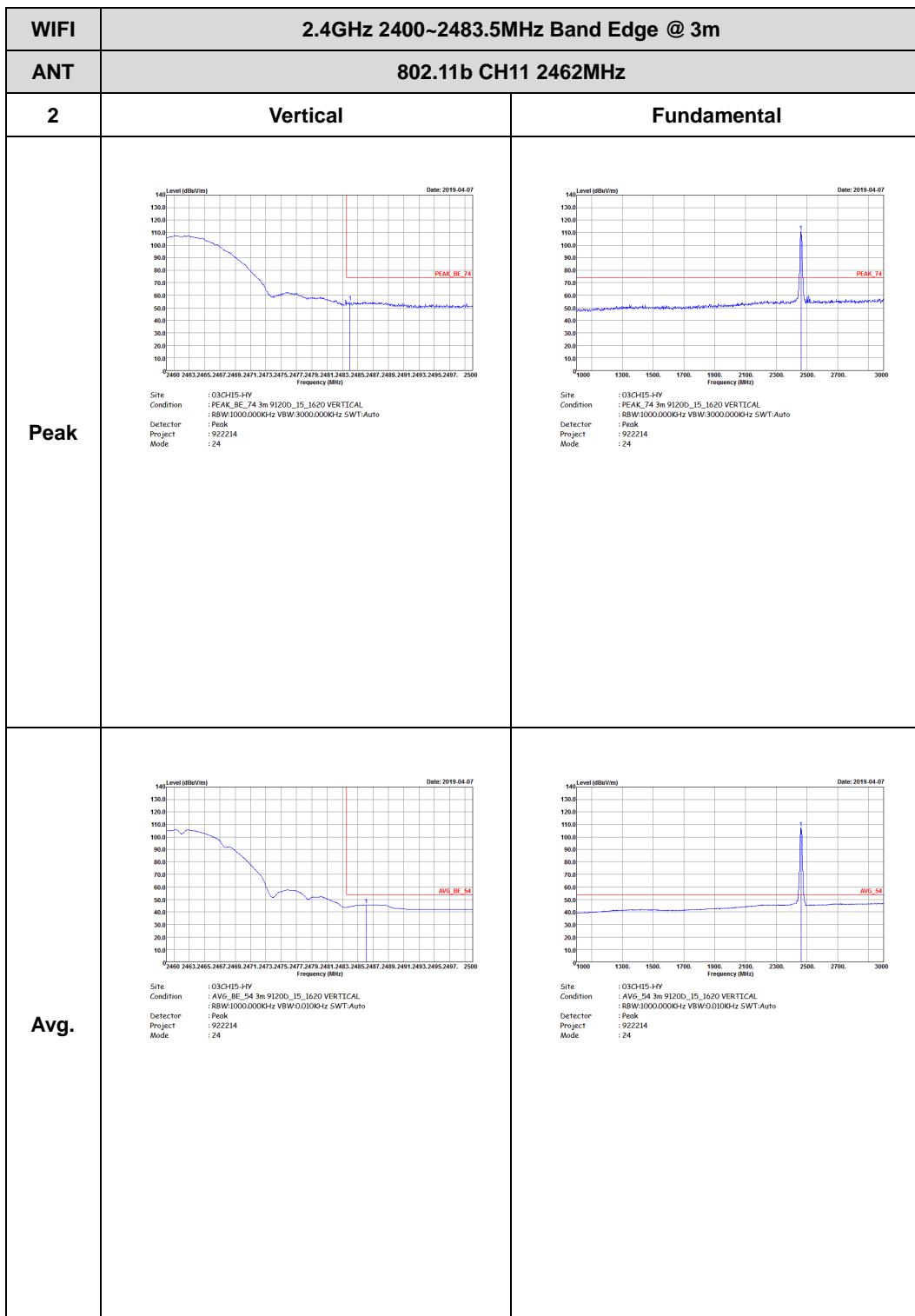
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-07</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620_HORIZONTAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : 922214 Mode : 23</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-07</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620_HORIZONTAL Detector : R8W1000.000KHz VBW:0.010KHz SWT:Auto Project : 922214 Mode : 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: 2019-04-07</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : 922214 Mode : 23</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-07</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:0.010KHz SWT:Auto Project : 922214 Mode : 23</p>	Left blank







2.4GHz 2400~2483.5MHz

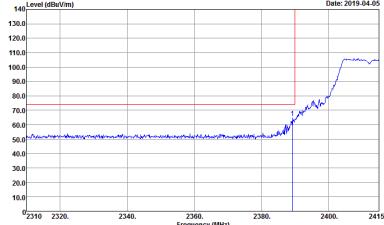
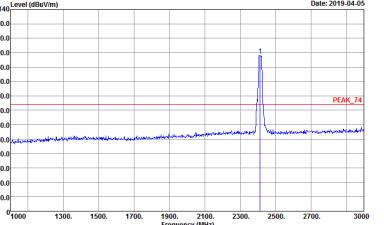
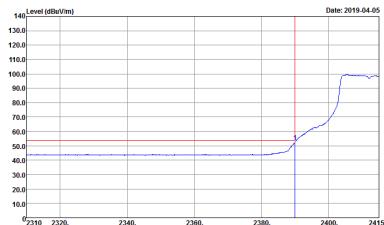
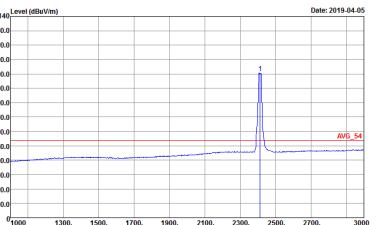
WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
2	Horizontal	Fundamental
Peak	 Site : 03G-H5-HY Condition : PEAK_BE_74_3m_91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 922214 Mode : 25 Setting : 14.5	 Site : 03G-H5-HY Condition : PEAK_74_3m_91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 922214 Mode : 25 Setting : 14.5
Avg.	 Site : 03G-H5-HY Condition : AVG_BE_54_3m_91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:1.000Hz SWT:Auto Project : 922214 Mode : 25 Setting : 14.5	 Site : 03G-H5-HY Condition : AVG_54_3m_91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:1.000Hz SWT:Auto Project : 922214 Mode : 25 Setting : 14.5



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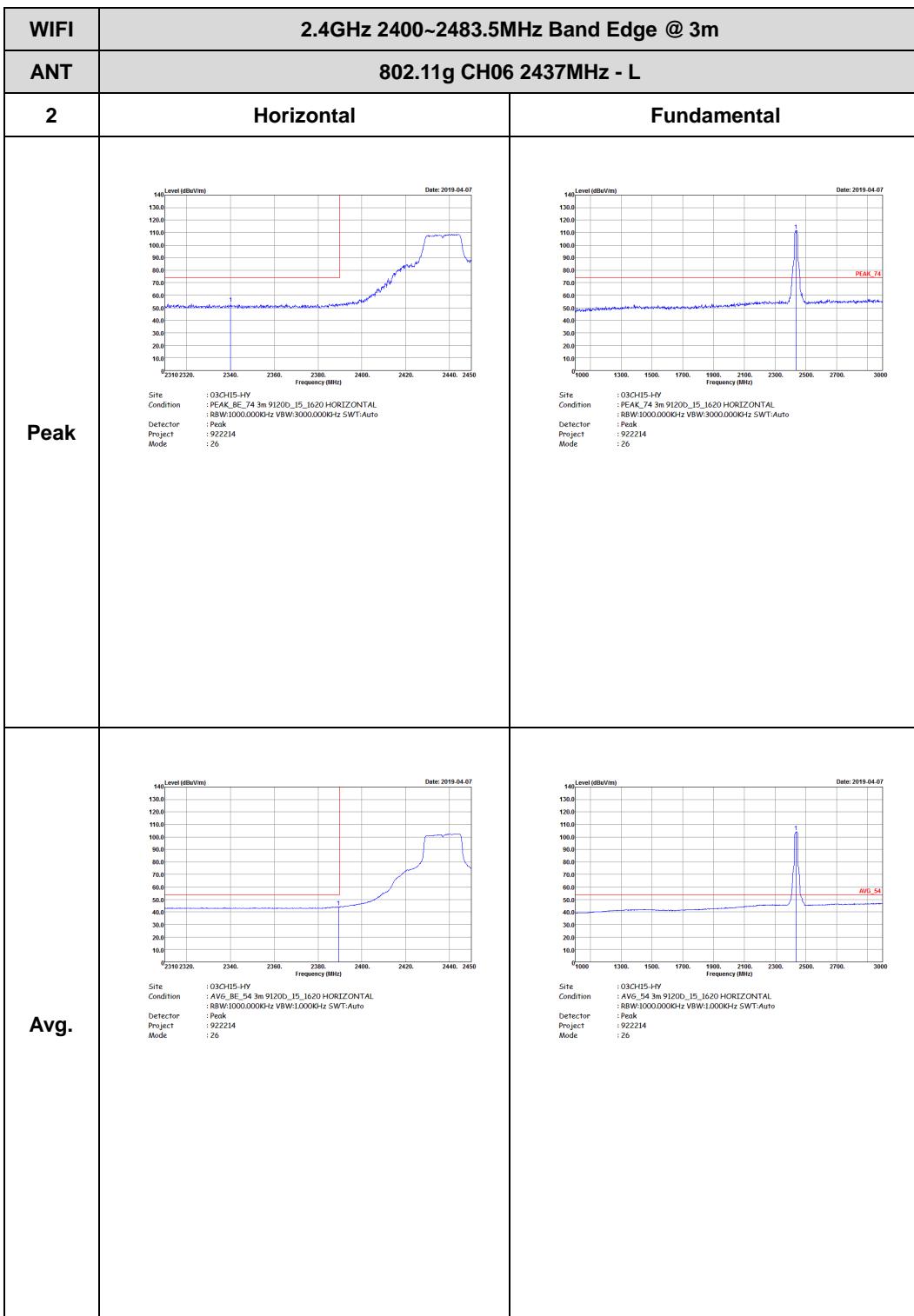
Report No. : FR922214C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
2	Vertical	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PCAK_BE_74 3m 91200_I5_1620 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 922214 Mode : 25 Setting : 14.5</p>	 <p>Site : 03CH15-HY Condition : PCAK_BE_74 3m 91200_I5_1620 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 922214 Mode : 25 Setting : 14.5</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 922214 Mode : 25 Setting : 14.5</p>	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 922214 Mode : 25 Setting : 14.5</p>

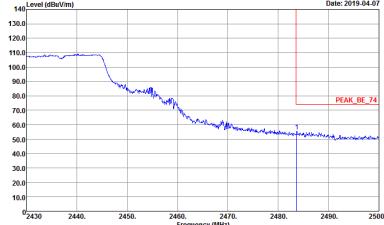


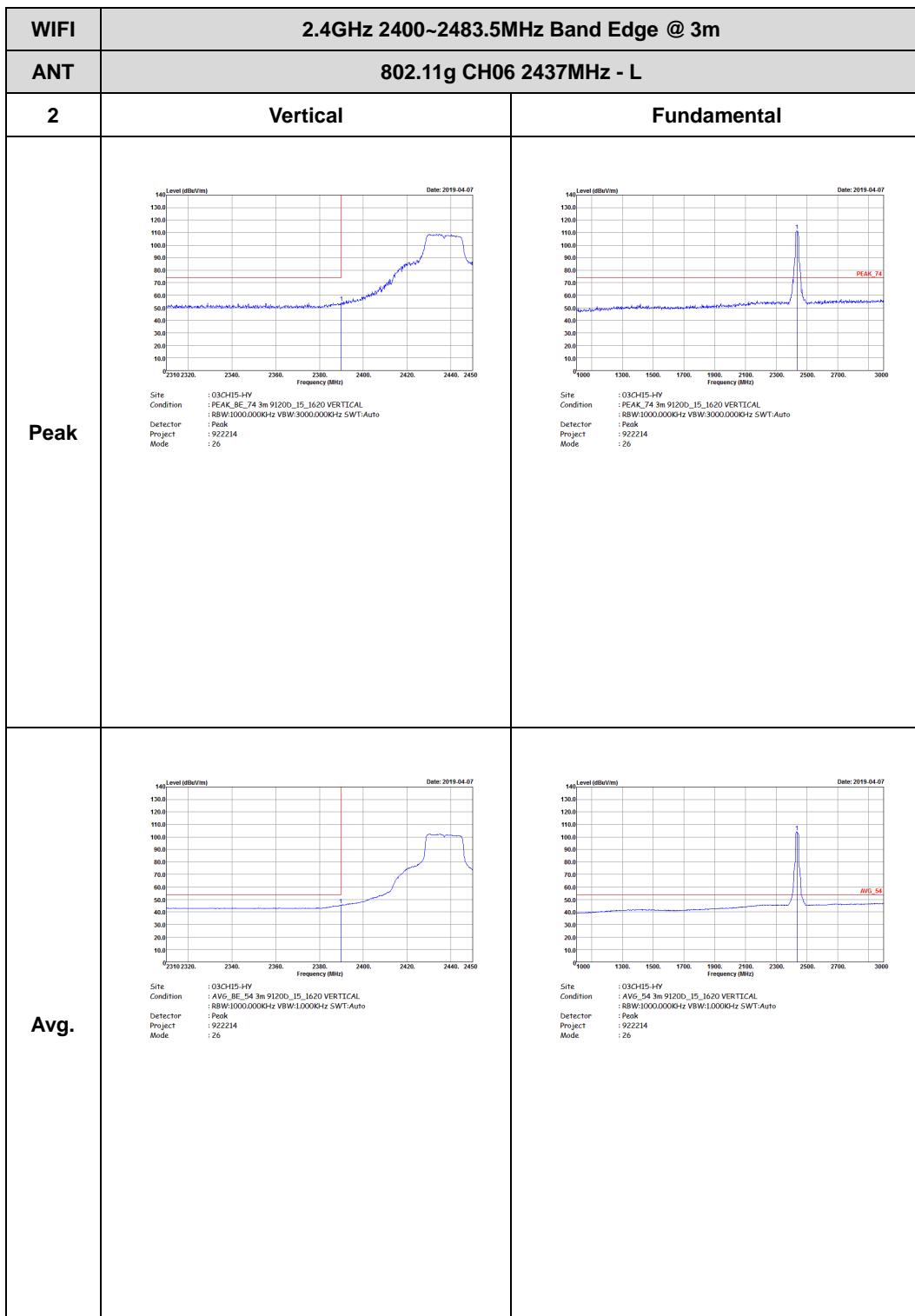
FCC RADIO TEST REPORT

Report No. : FR922214C



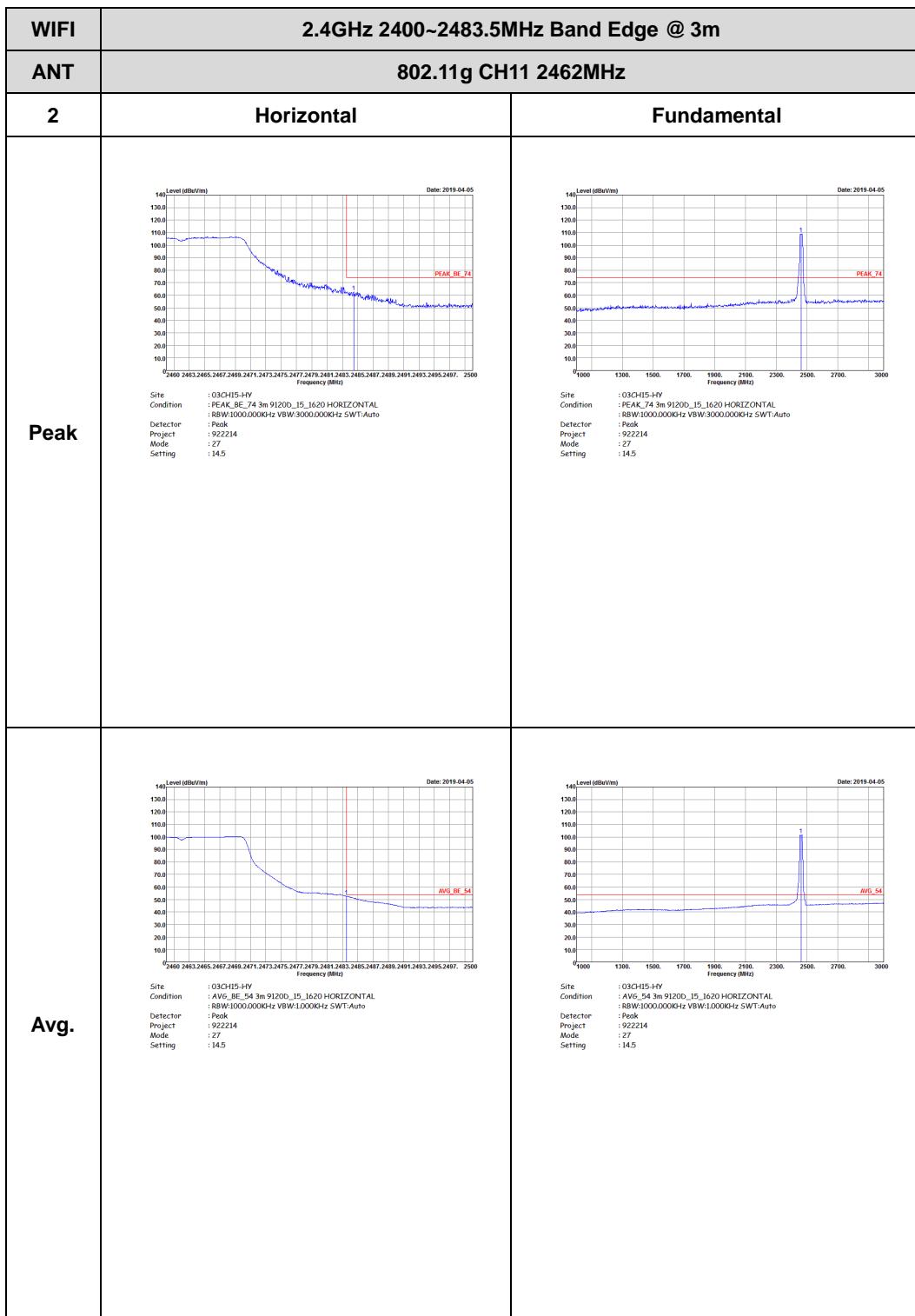


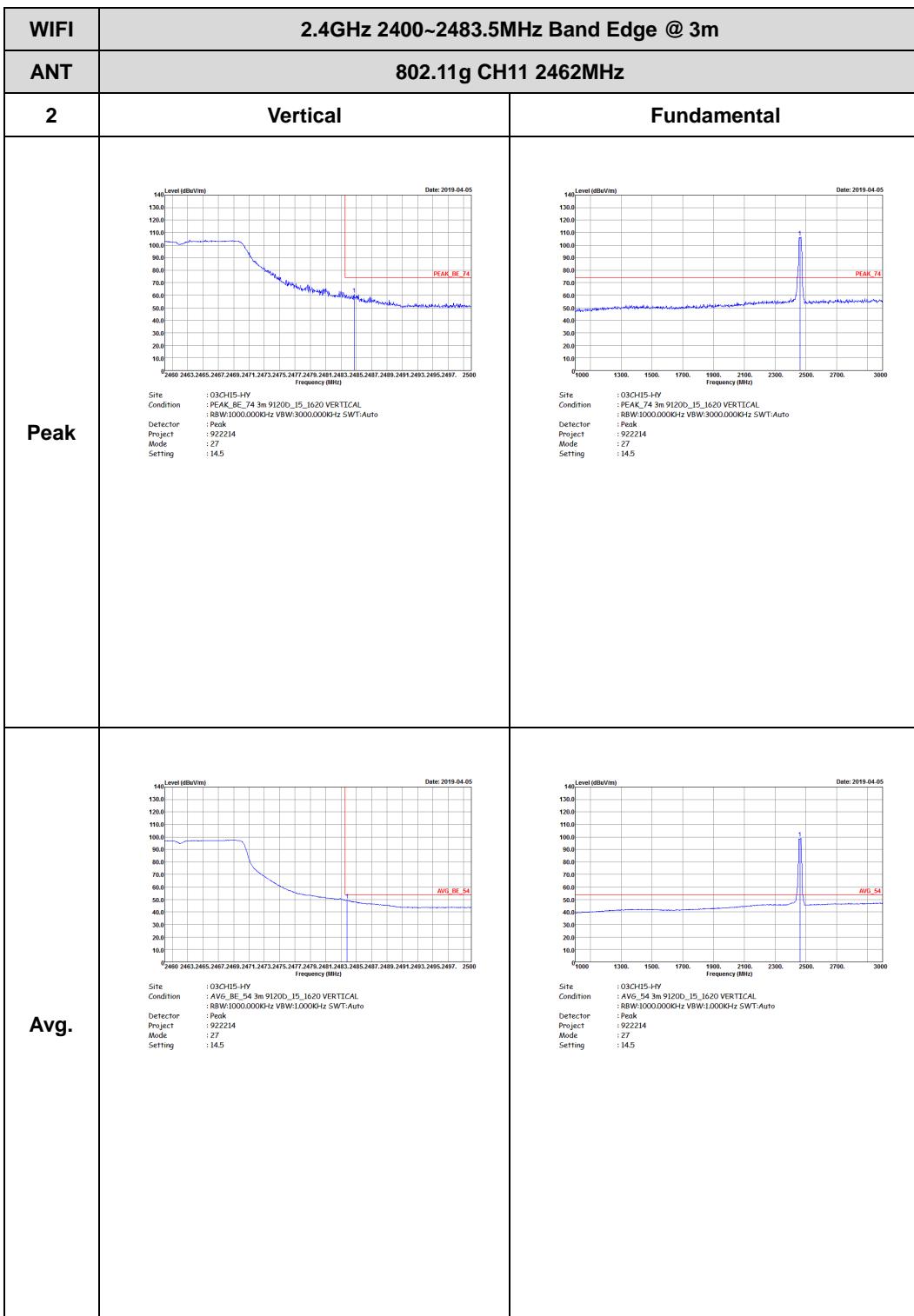
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Level (dBm/V/m)</p> <p>Date: 2019-04-07</p> <p>Site : 03CH15-HV Condition : PCMK_BE_74 3m 91200_I5_1620_HORIZONTAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 922214 : 26</p>	Left blank
Avg.	 <p>Level (dBm/V/m)</p> <p>Date: 2019-04-07</p> <p>Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_I5_1620_HORIZONTAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 922214 : 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: 2019-04-07</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 922214 : 26</p>	Left Blank
Avg.	 <p>Level (dBm/V/m)</p> <p>Date: 2019-04-07</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 922214 : 26</p>	Left Blank







2.4GHz 2400~2483.5MHz

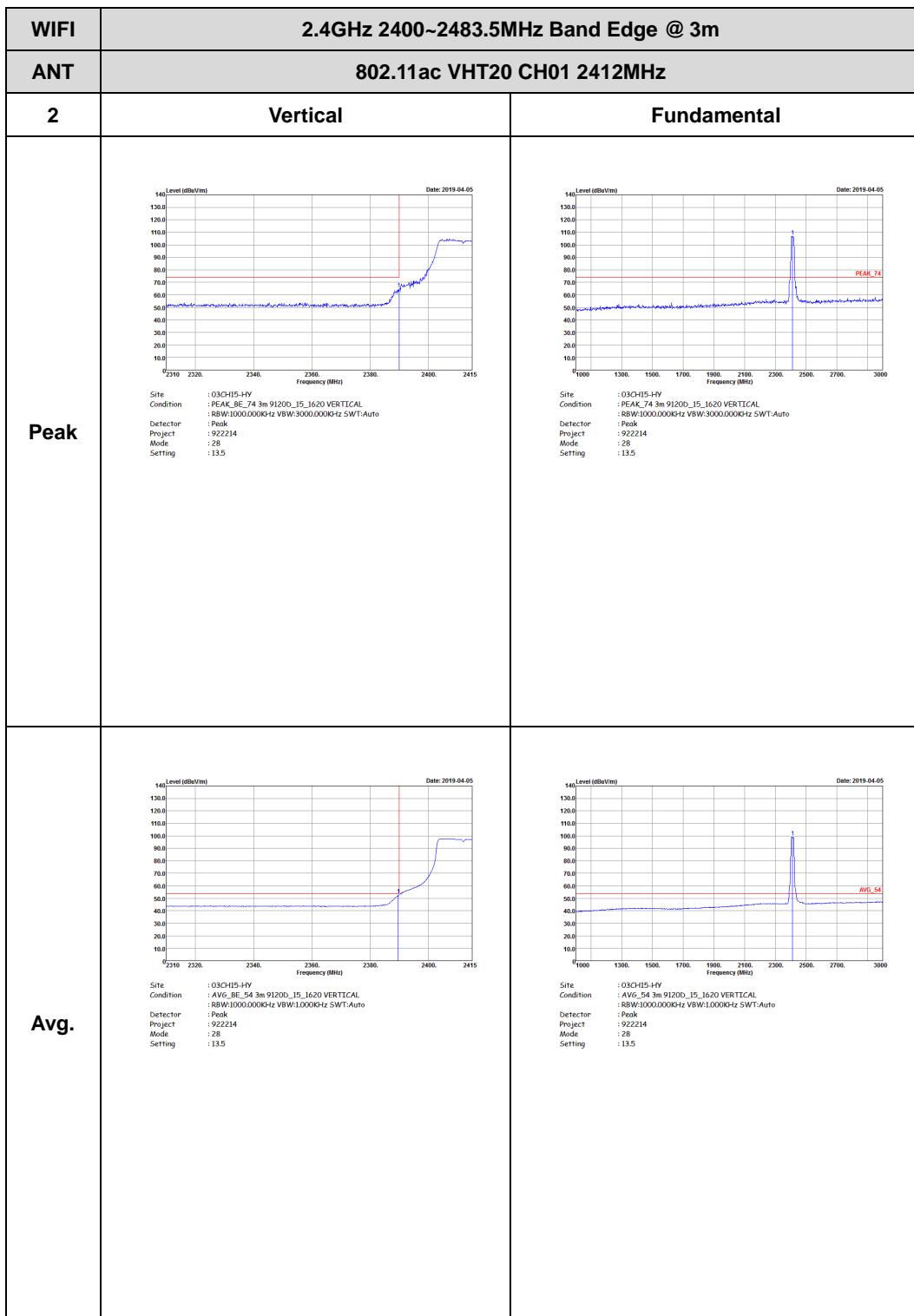
WIFI 802.11ac VHT20 (Band Edge @ 3m)

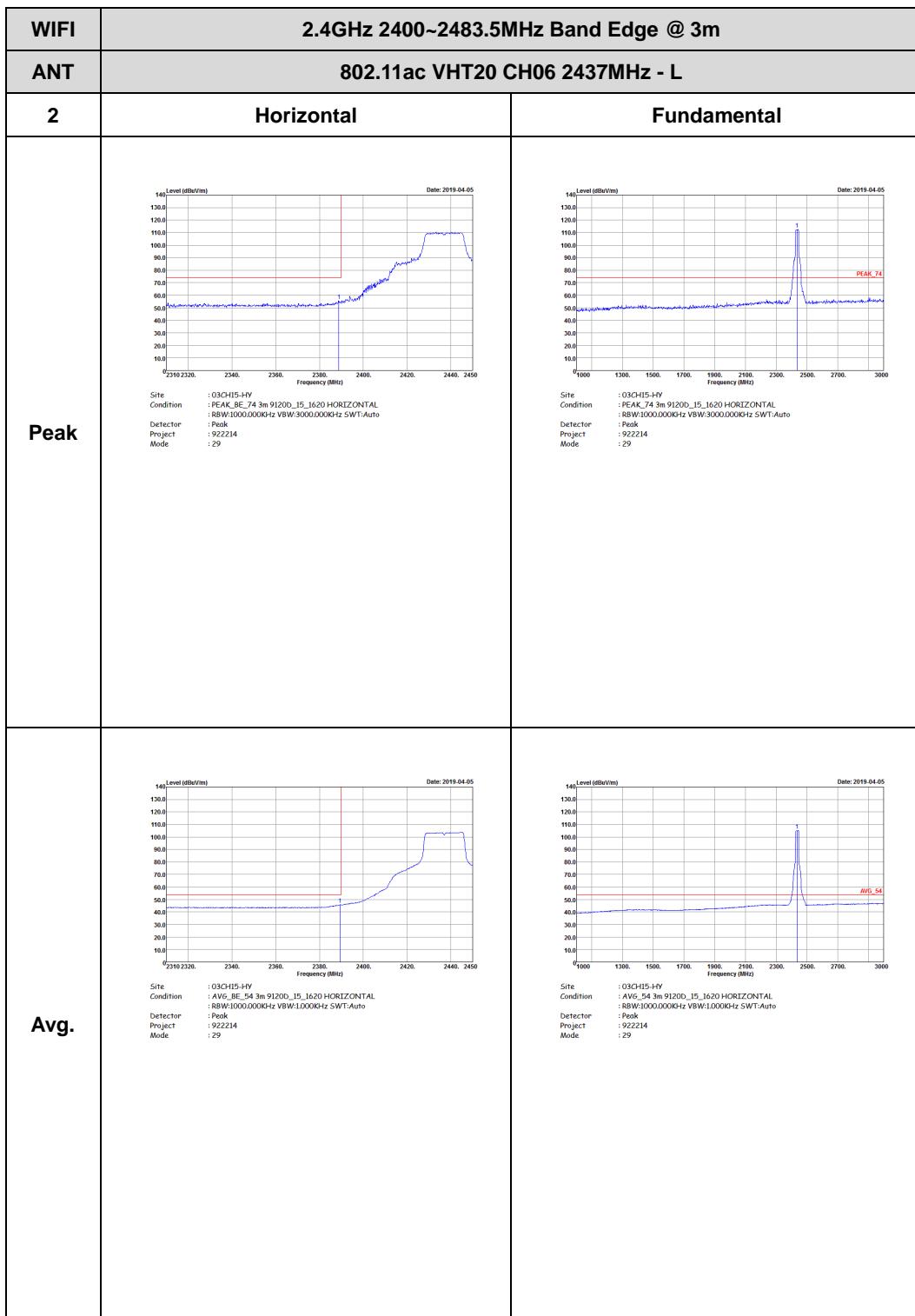
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VHT20 CH01 2412MHz	
2	Horizontal	Fundamental
Peak	 Site : 03G-H5-HY Condition : PEAK_BE_74_3m_91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 922214 Mode : 28 Setting : 13.5	 Site : 03G-H5-HY Condition : PEAK_74_3m_91200_I5_1620_HORIZONTAL Detector : Peak Project : 922214 Mode : 28 Setting : 13.5
Avg.	 Site : 03G-H5-HY Condition : AVG_BE_54_3m_91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:1.000Hz SWT:Auto Project : 922214 Mode : 28 Setting : 13.5	 Site : 03G-H5-HY Condition : AVG_54_3m_91200_I5_1620_HORIZONTAL Detector : Peak Project : 922214 Mode : 28 Setting : 13.5



FCC RADIO TEST REPORT

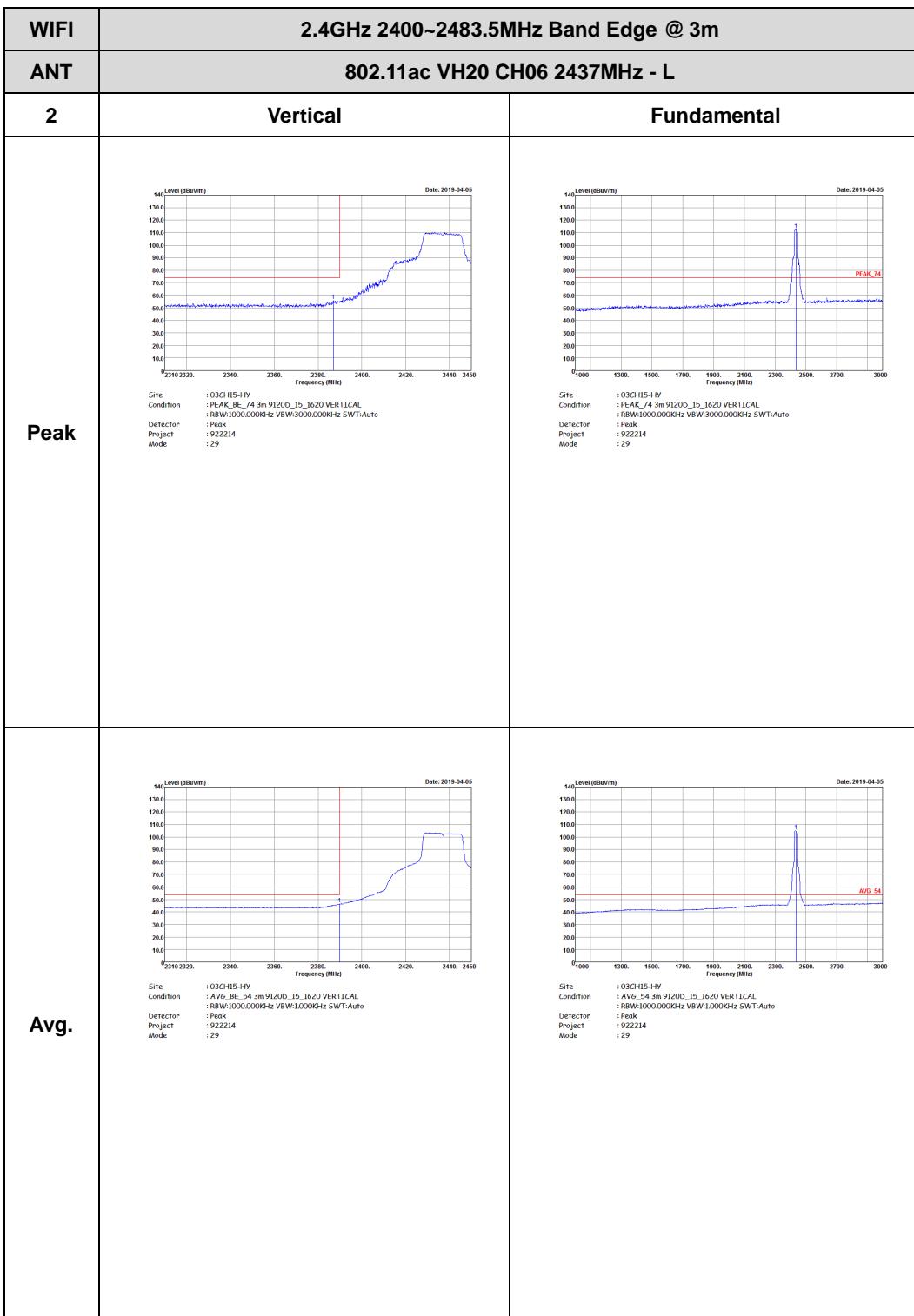
Report No. : FR922214C





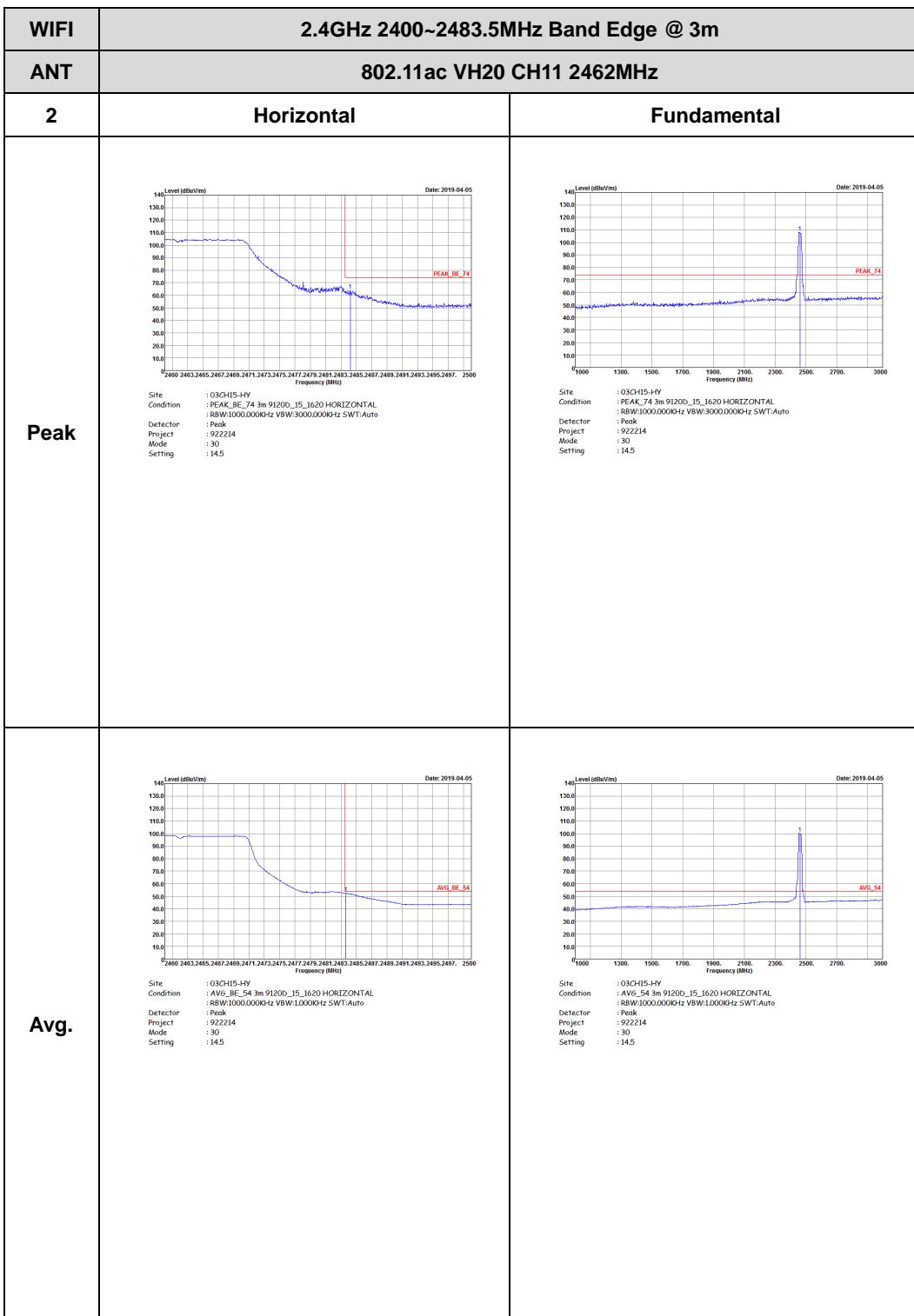


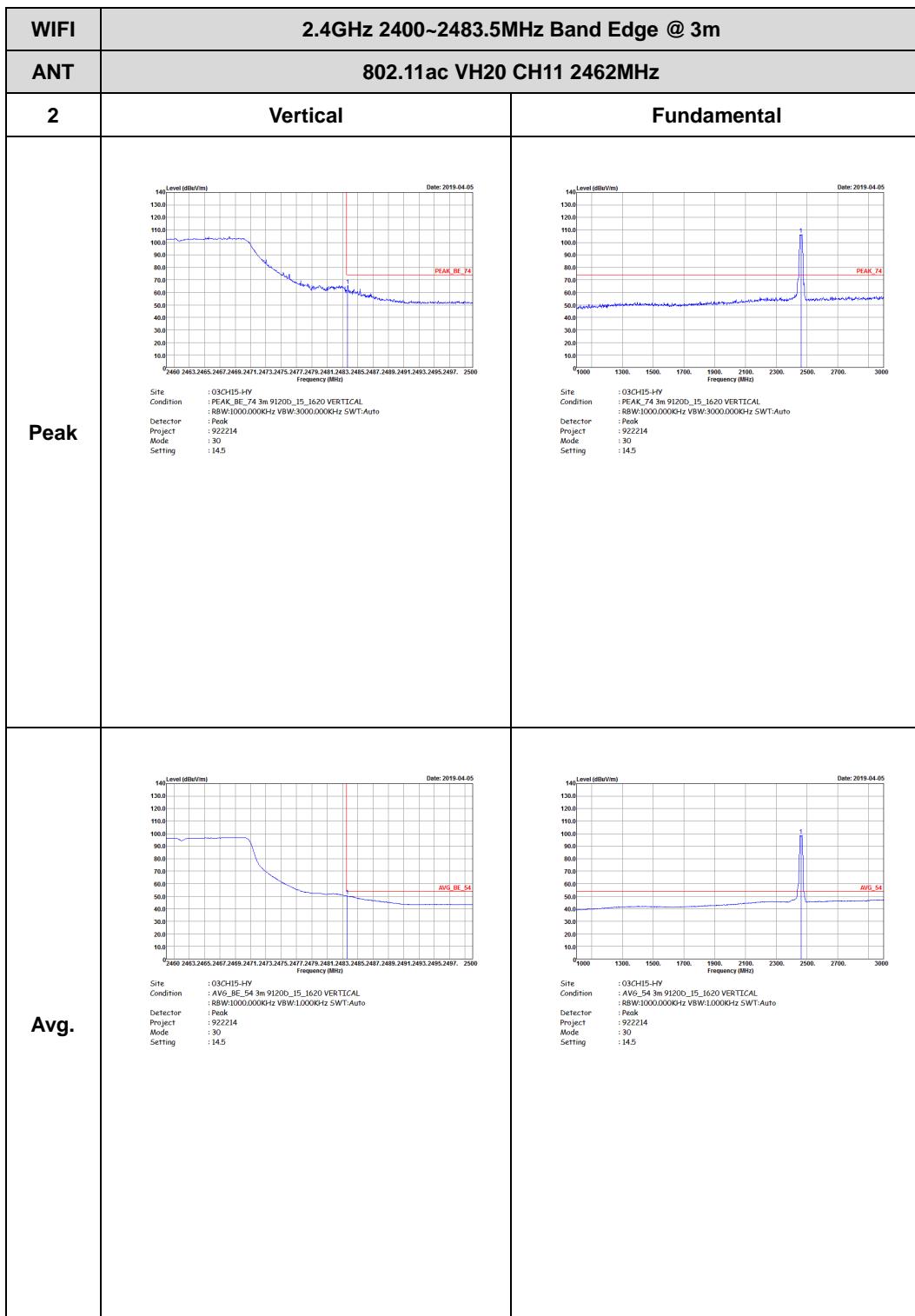
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	<p>Level (dBm/V/m)</p> <p>Date: 2019-04-05</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620_HORIZONTAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 922214 : 29</p>	Left blank
Avg.	<p>Level (dBm/V/m)</p> <p>Date: 2019-04-05</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620_HORIZONTAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 922214 : 29</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 922214 : 29	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 922214 : 29	Left blank

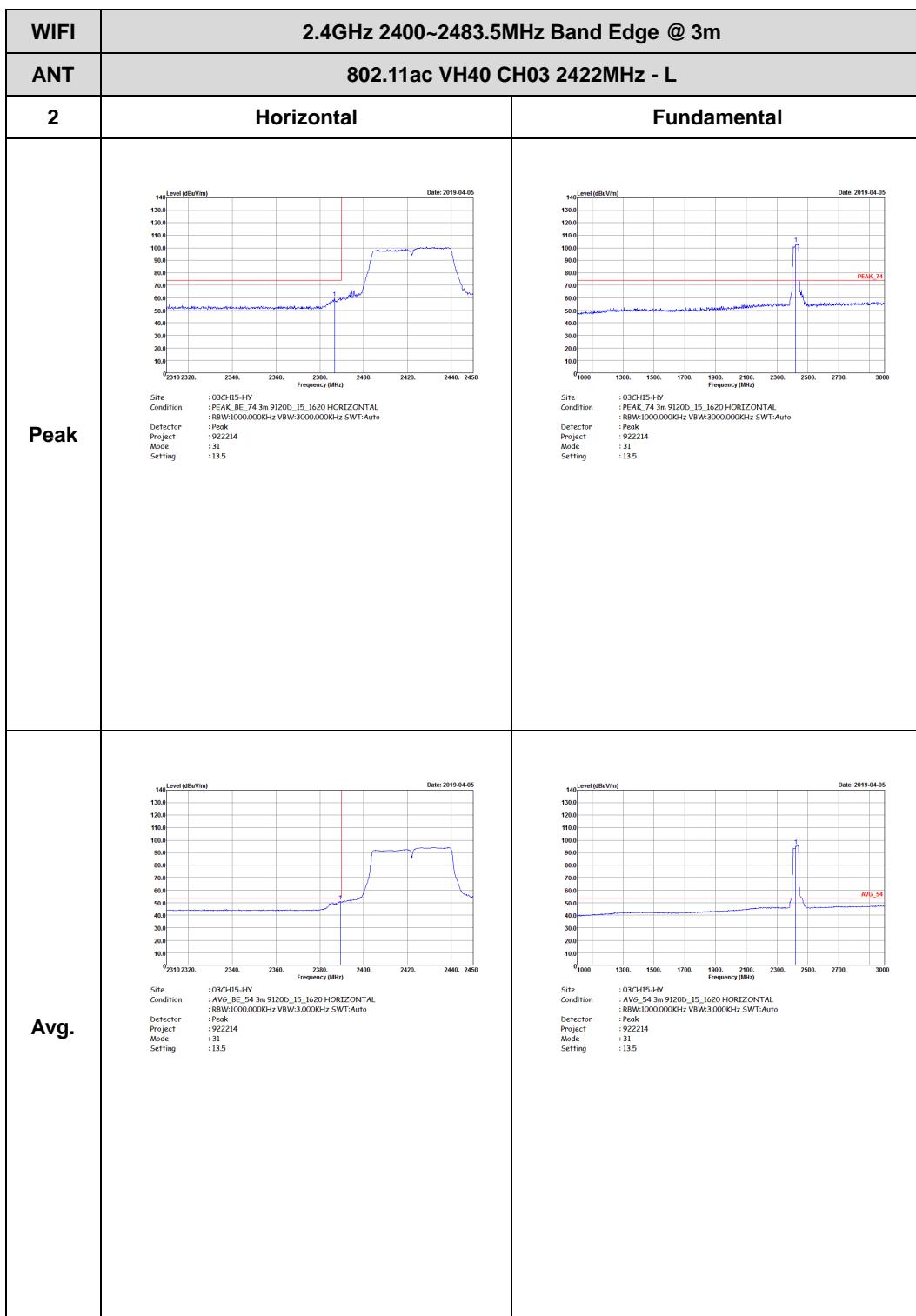




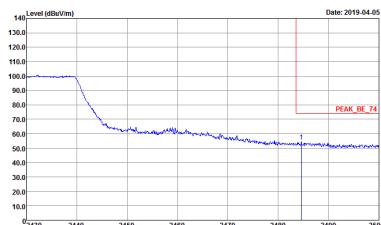


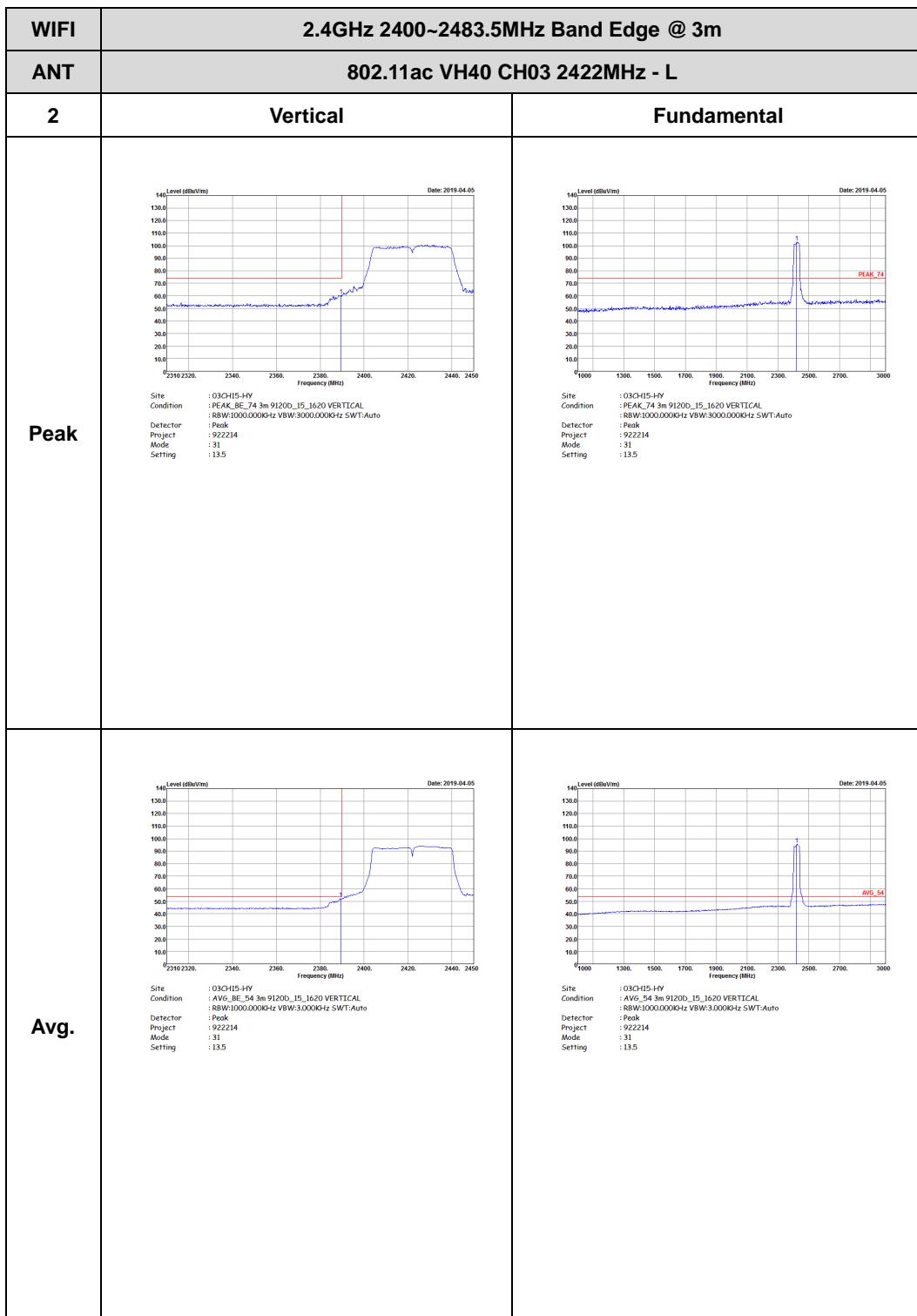
2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)



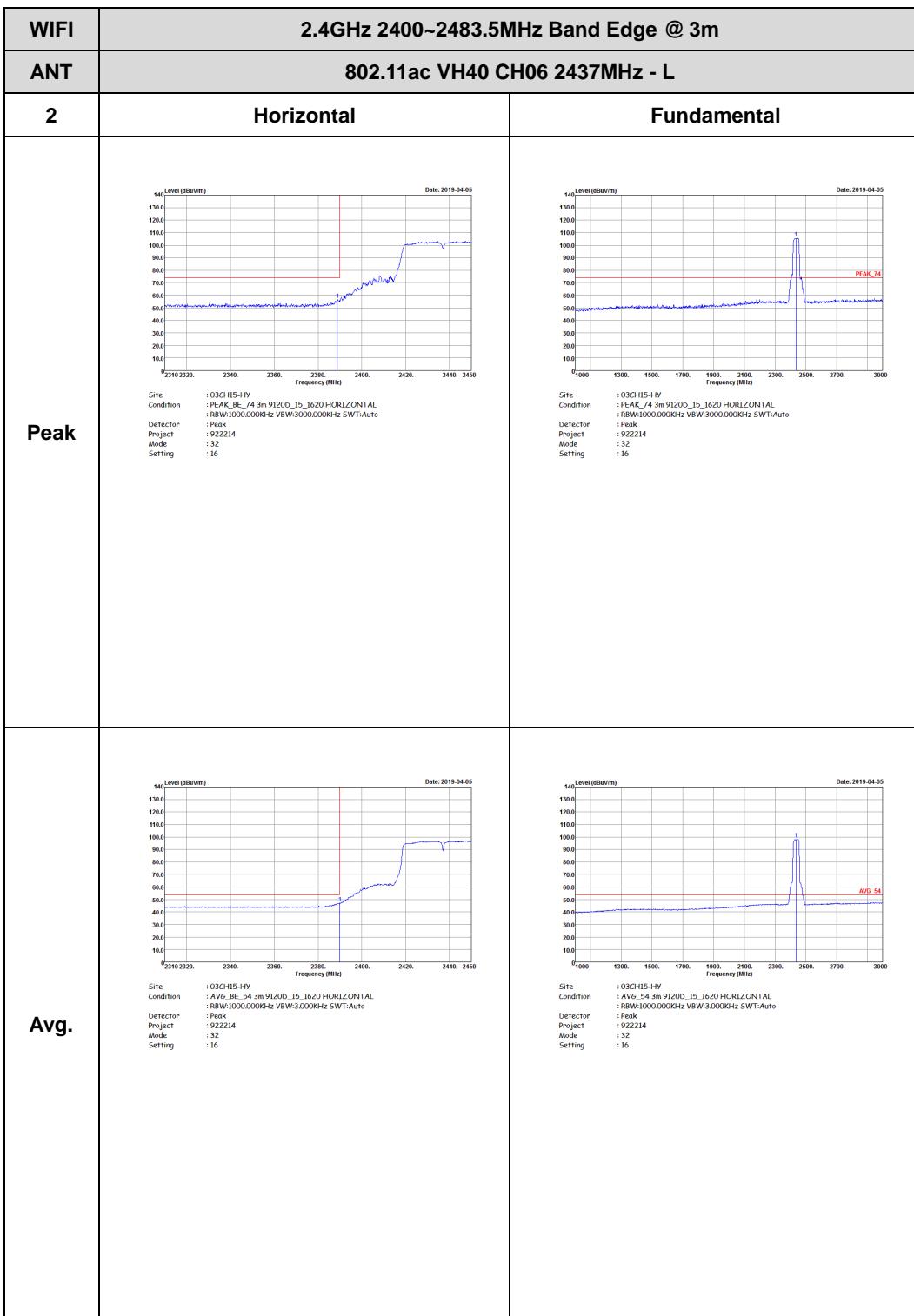


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-05</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Setting : 31 Setting : 13.5</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-05</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Mode : 31 Setting : 13.5</p>	Left blank



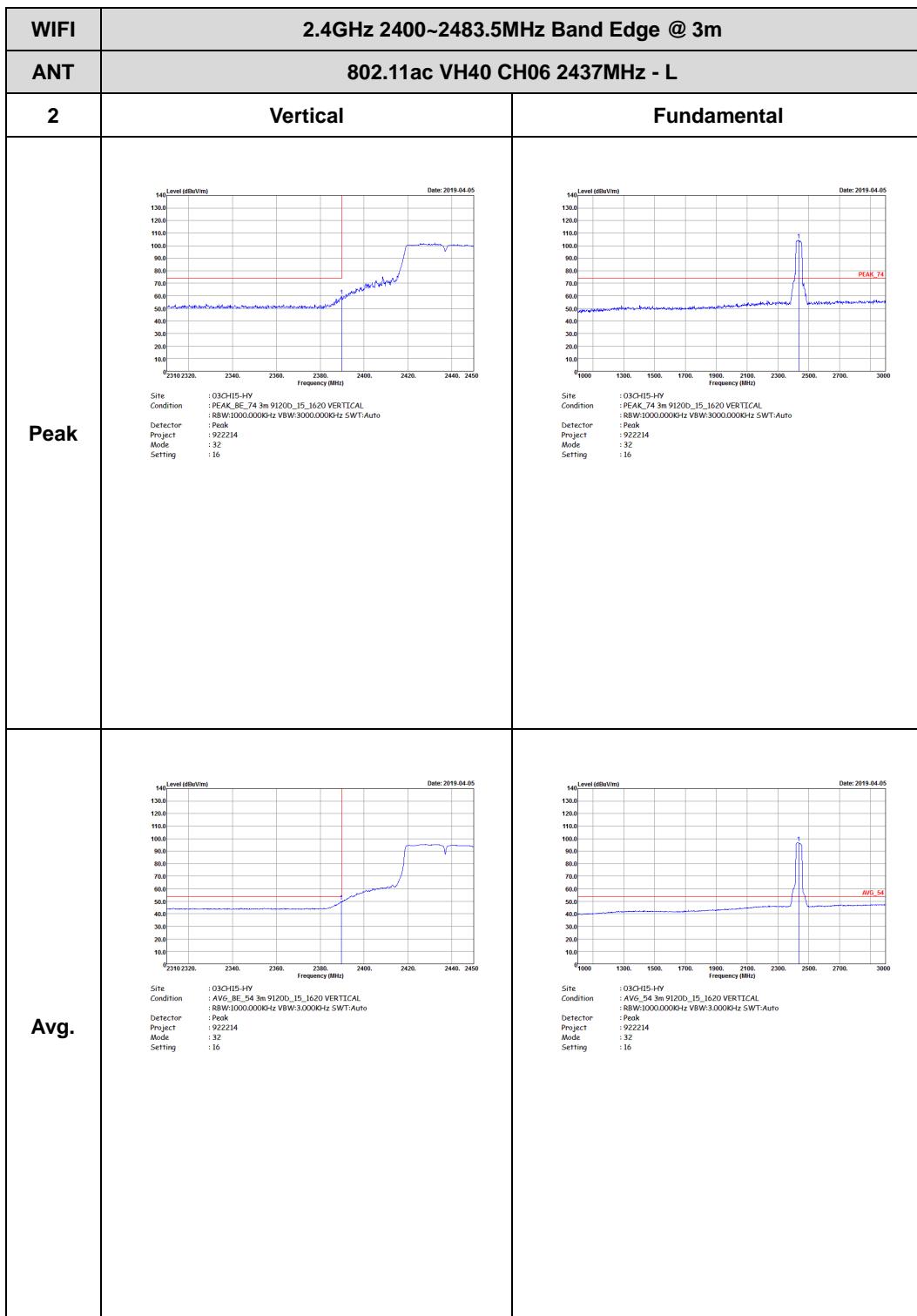


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
2	Vertical	Fundamental
Peak	 Date: 2019-04-05 Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Setting : 31 : 13.5	Left blank
Avg.	 Date: 2019-04-05 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Mode : 31 Setting : 13.5	Left blank





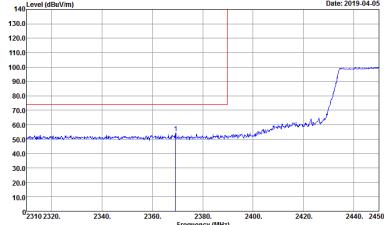
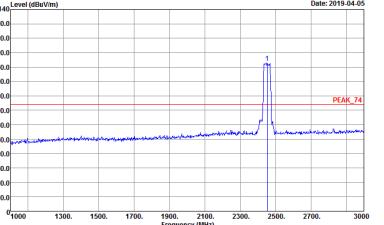
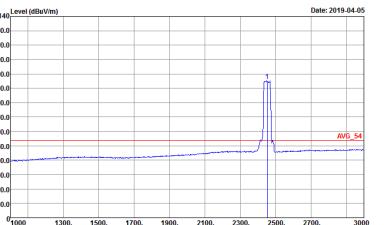
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 Date: 2019-04-05 Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 922214 Mode : 32 Setting : 16 PEAK_BE_74	Left blank
Avg.	 Date: 2019-04-05 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 922214 Mode : 32 Setting : 16 AVG_BE_54	Left blank



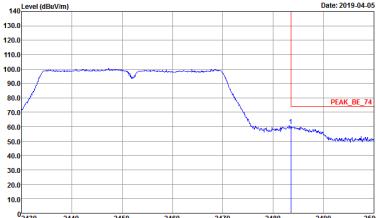
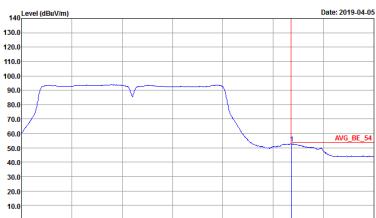


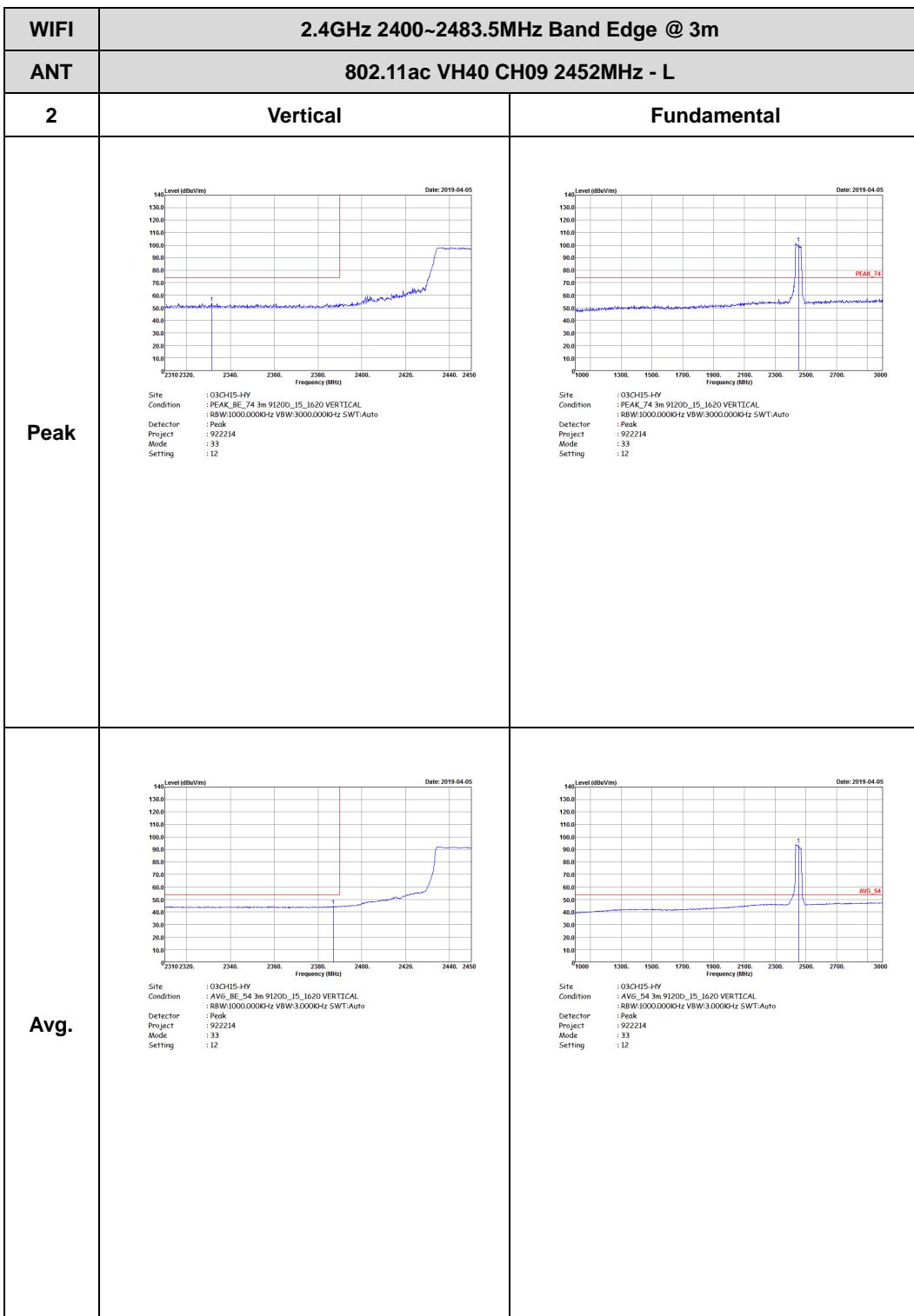
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 Date: 2019-04-05 Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Setting : 32 : 16	Left blank
Avg.	 Date: 2019-04-05 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Mode : 32 Setting : 16	Left blank



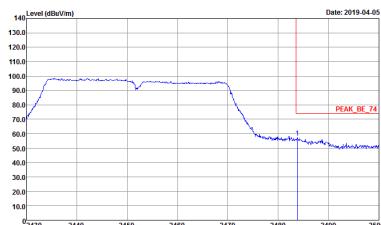
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - L	
2	Horizontal	Fundamental
Peak	 <p>Site : 03CH15-HY Condition : PCAK_BE_74 3m 91200_I5_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 922214 Mode : 33 Setting : 12</p>	 <p>Site : 03CH15-HY Condition : PCAK_I74 3m 91200_I5_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 922214 Mode : 33 Setting : 12</p>
Avg.	 <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 922214 Mode : 33 Setting : 12</p>	 <p>Site : 03CH15-HY Condition : AVG_I54 3m 91200_I5_1620 HORIZONTAL Detector : RBW:1000.000KHz VBW:3.000KHz SWT:Auto Project : 922214 Mode : 33 Setting : 12</p>



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - R	
2	Horizontal	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-05</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 922214 Mode : 33 Setting : 12</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-05</p> <p>Frequency (MHz)</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : 922214 Mode : 33 Setting : 12</p>	Left blank



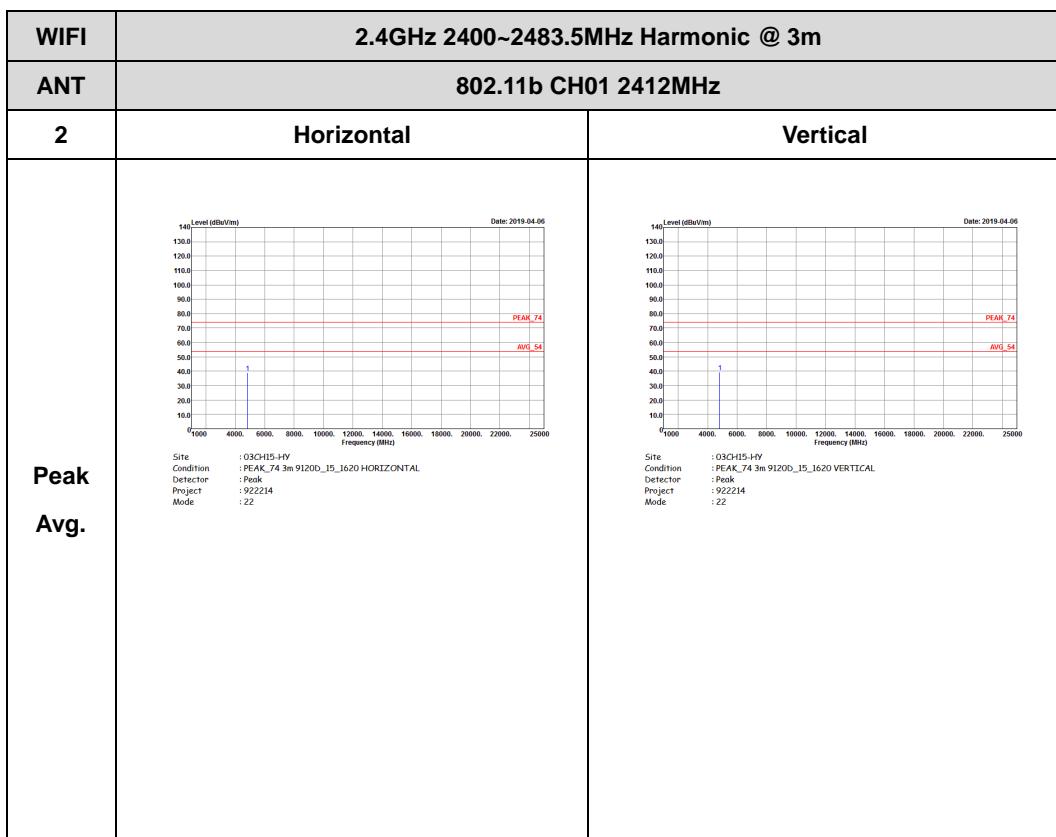


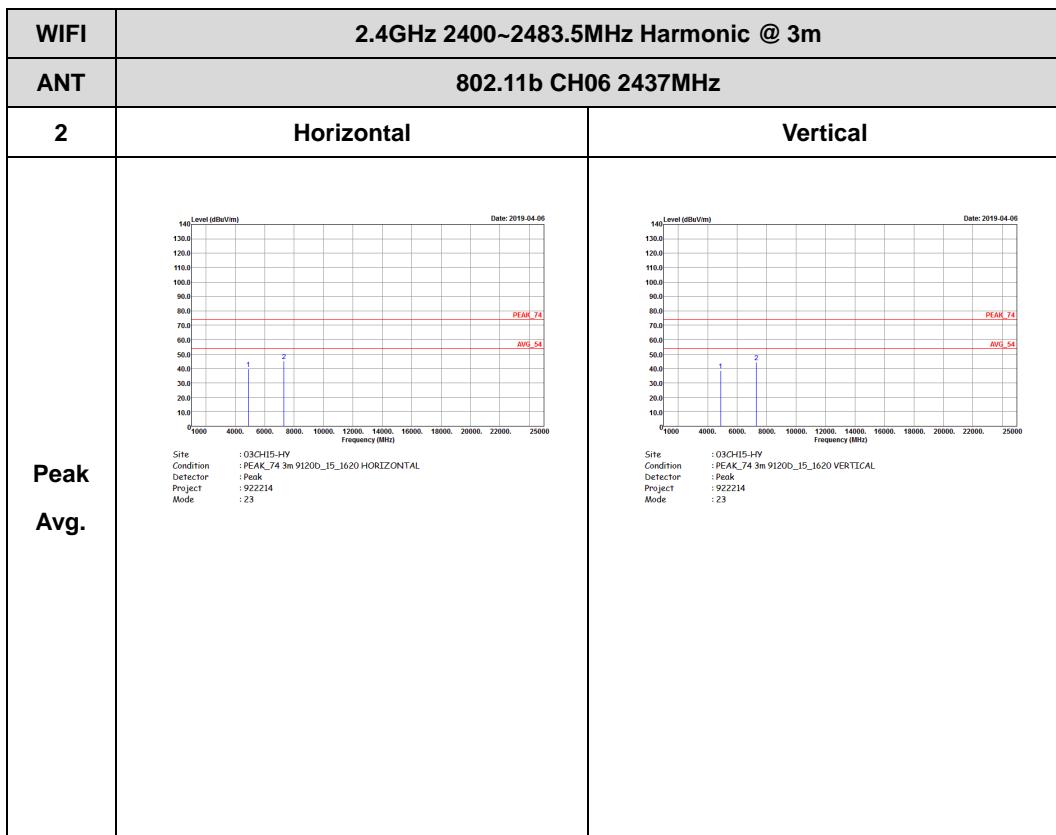
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH09 2452MHz - R	
2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-05</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Setting : 33 : 12</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-05</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Setting : 33 : 12</p>	Left blank

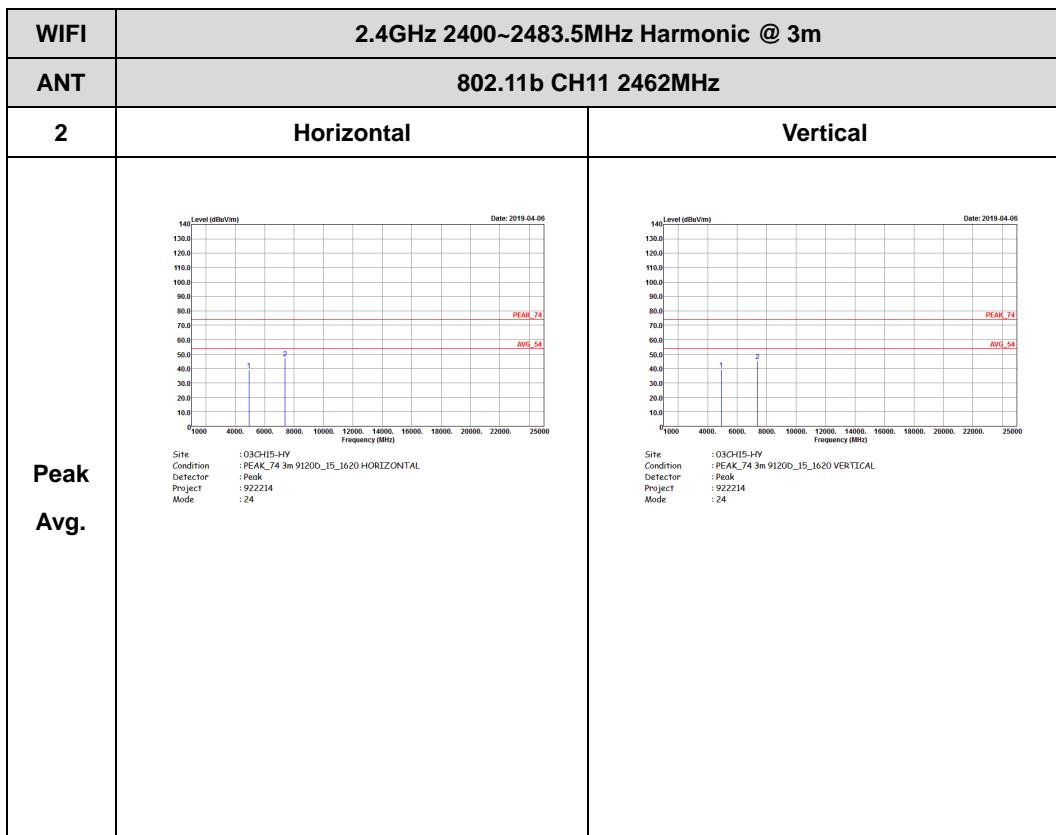


2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)



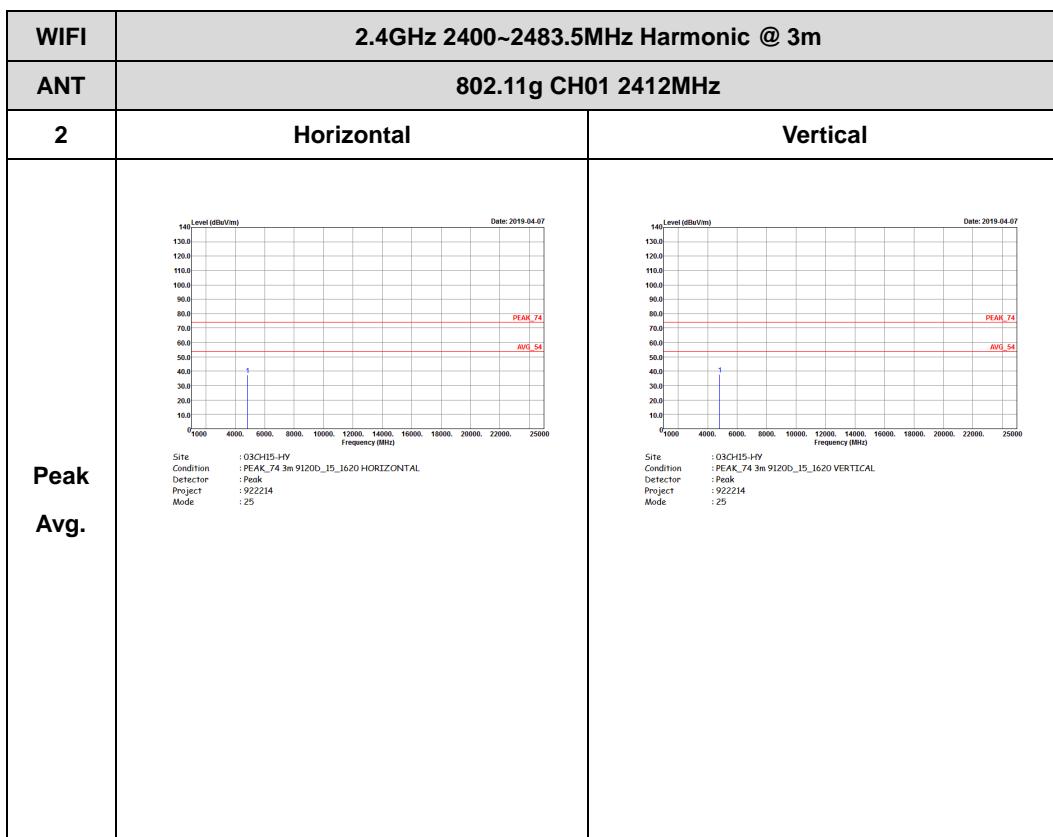


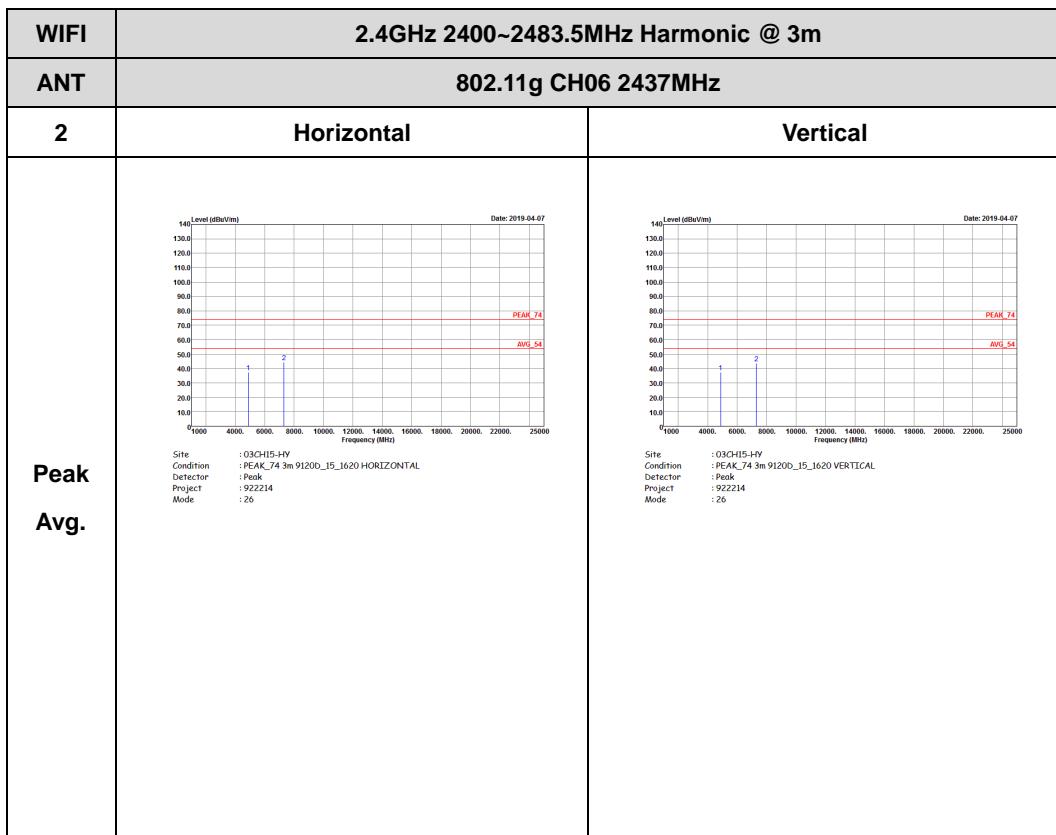


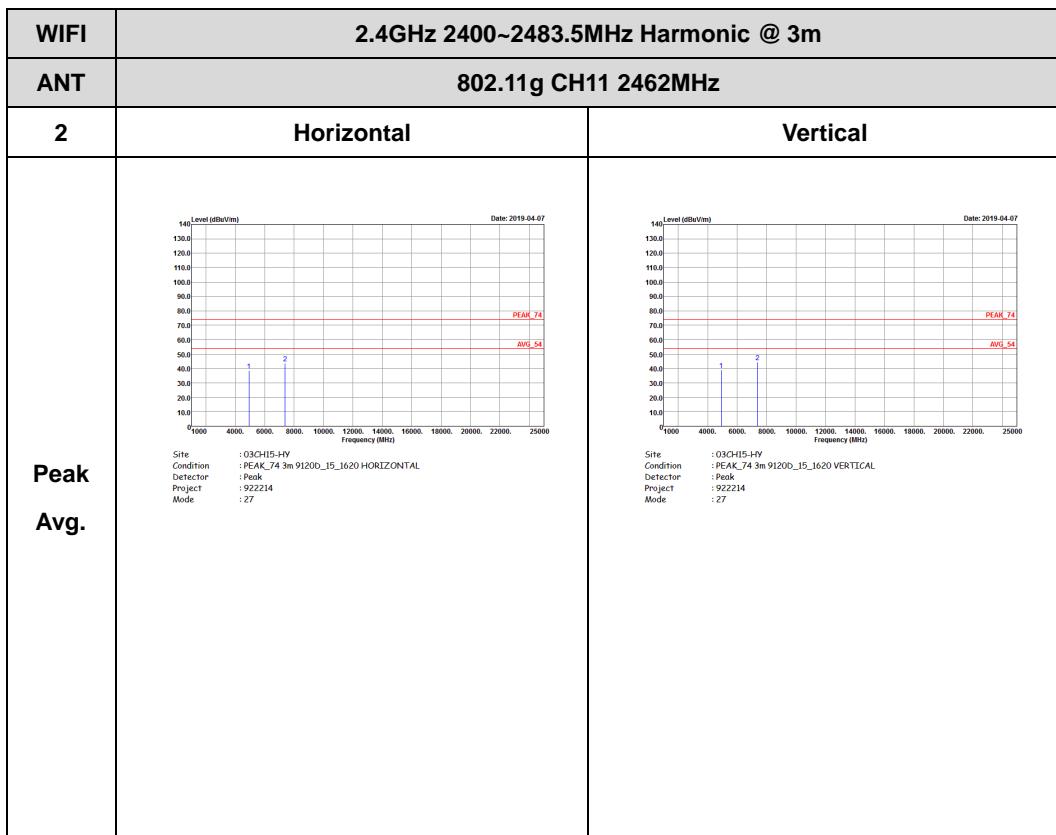


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)



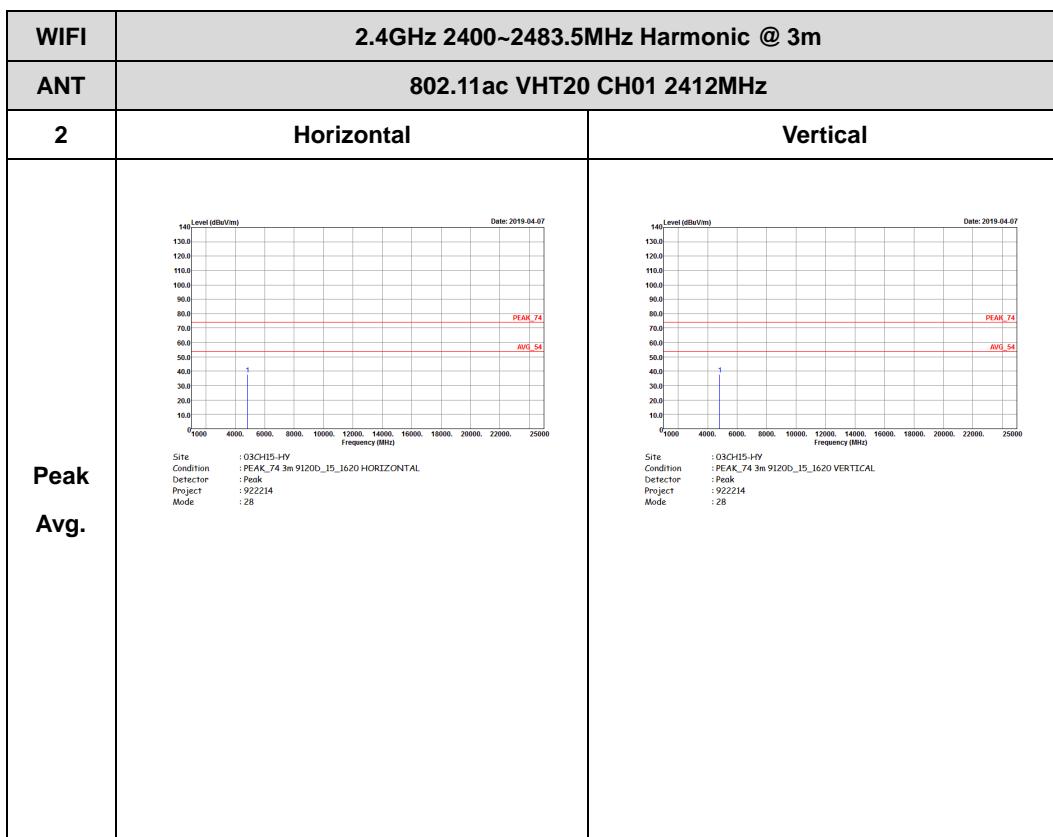


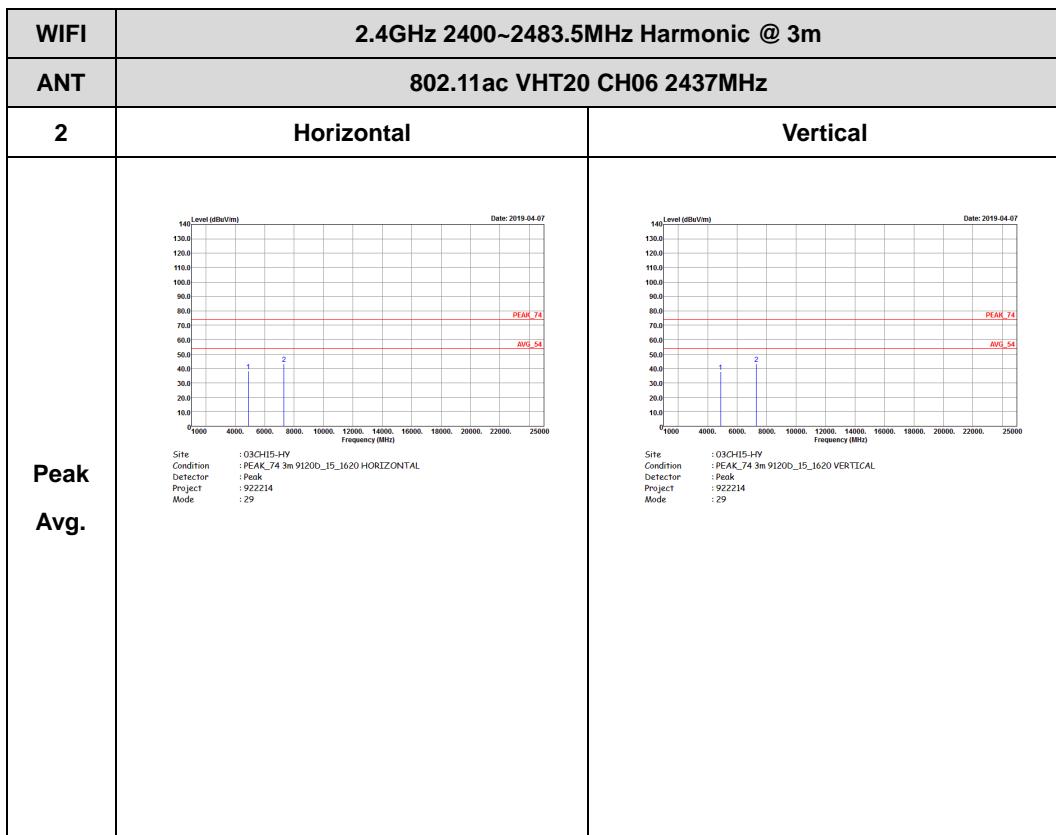


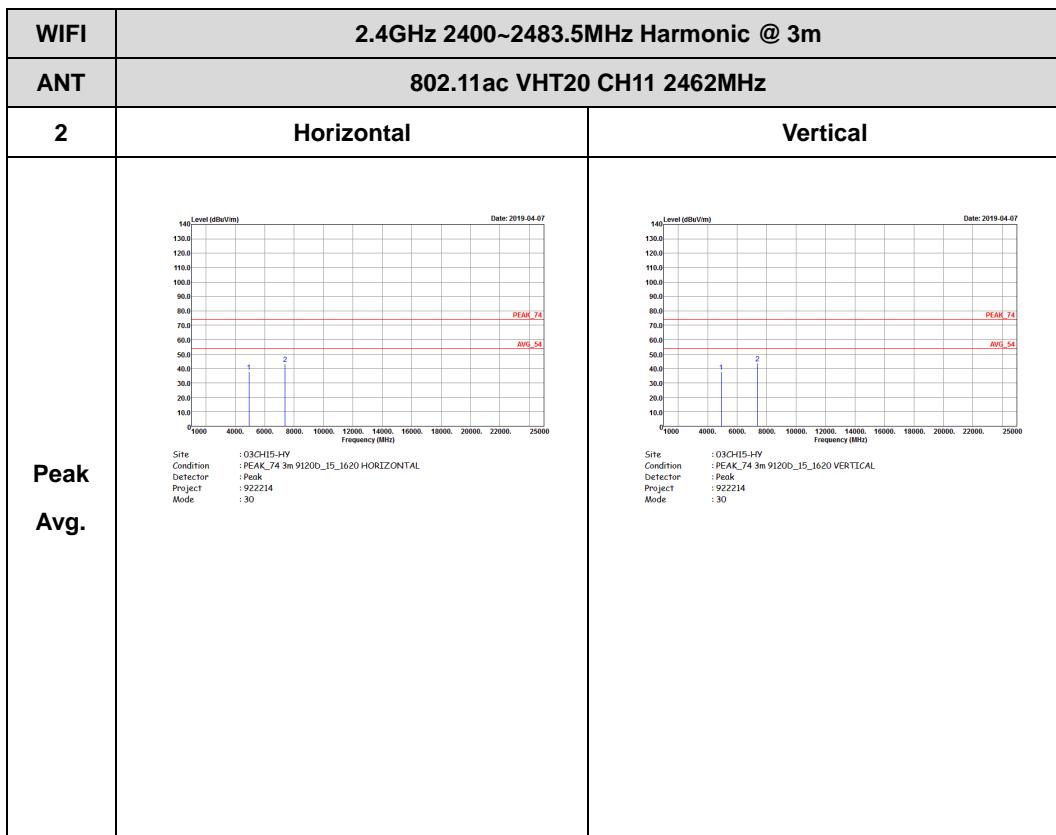


2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)



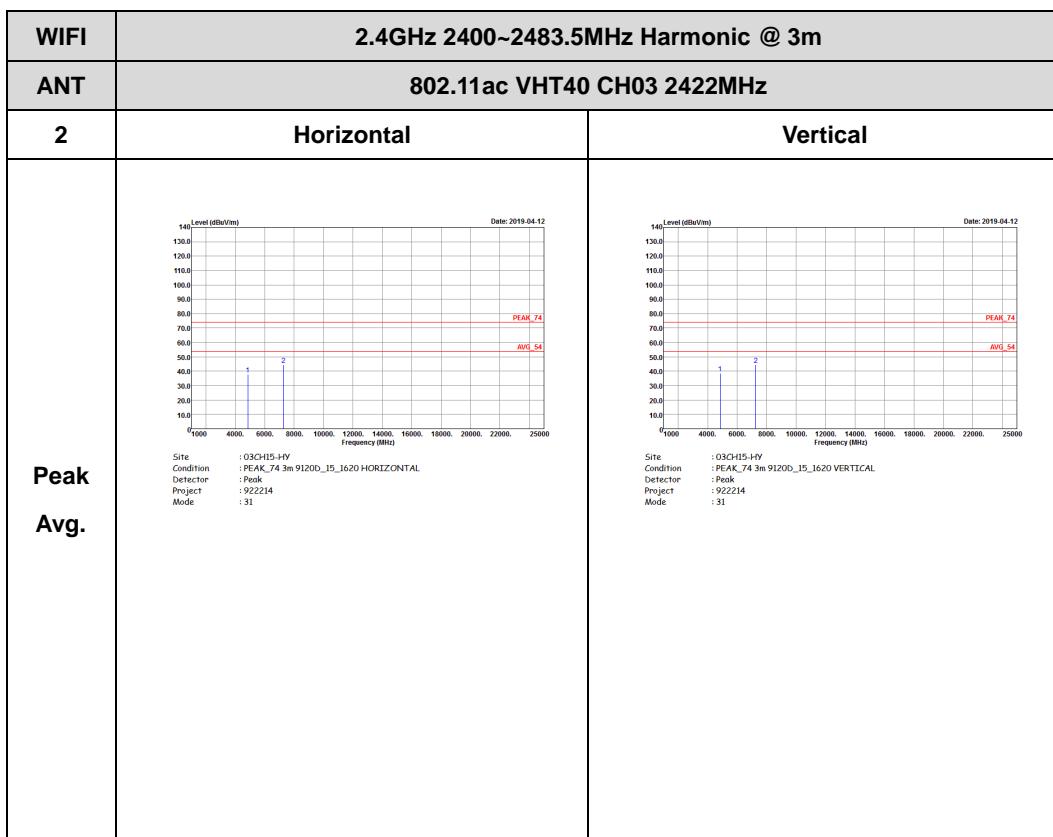


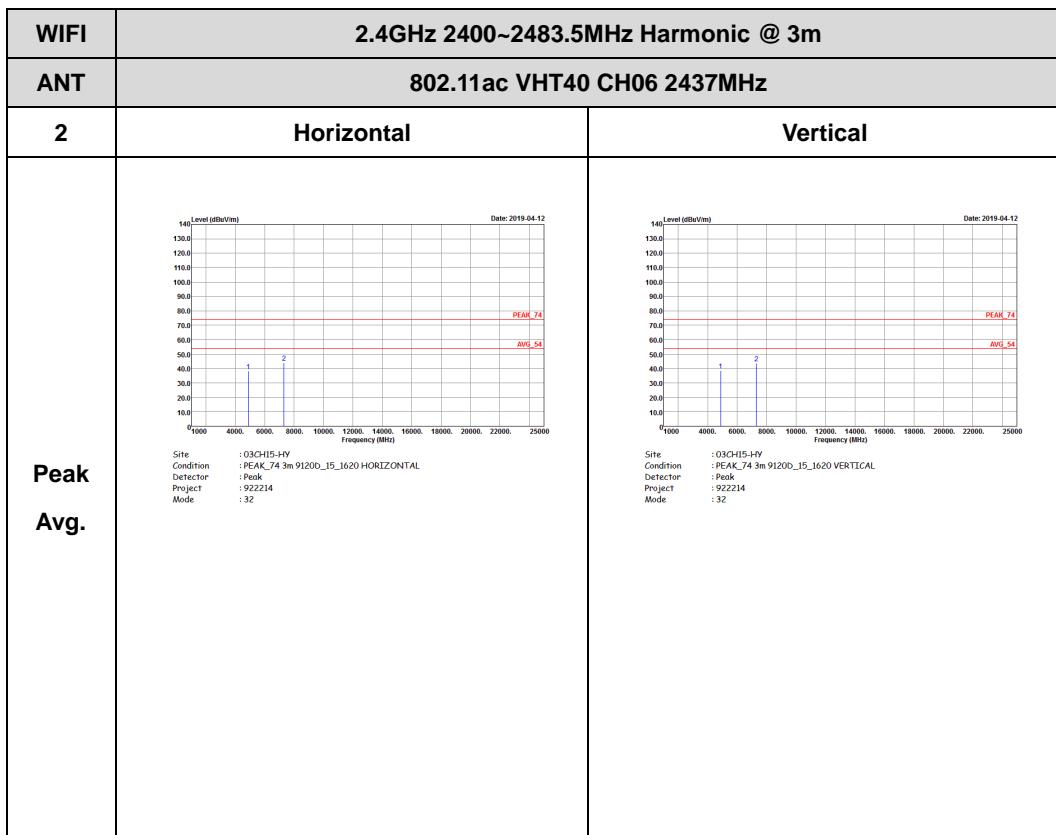


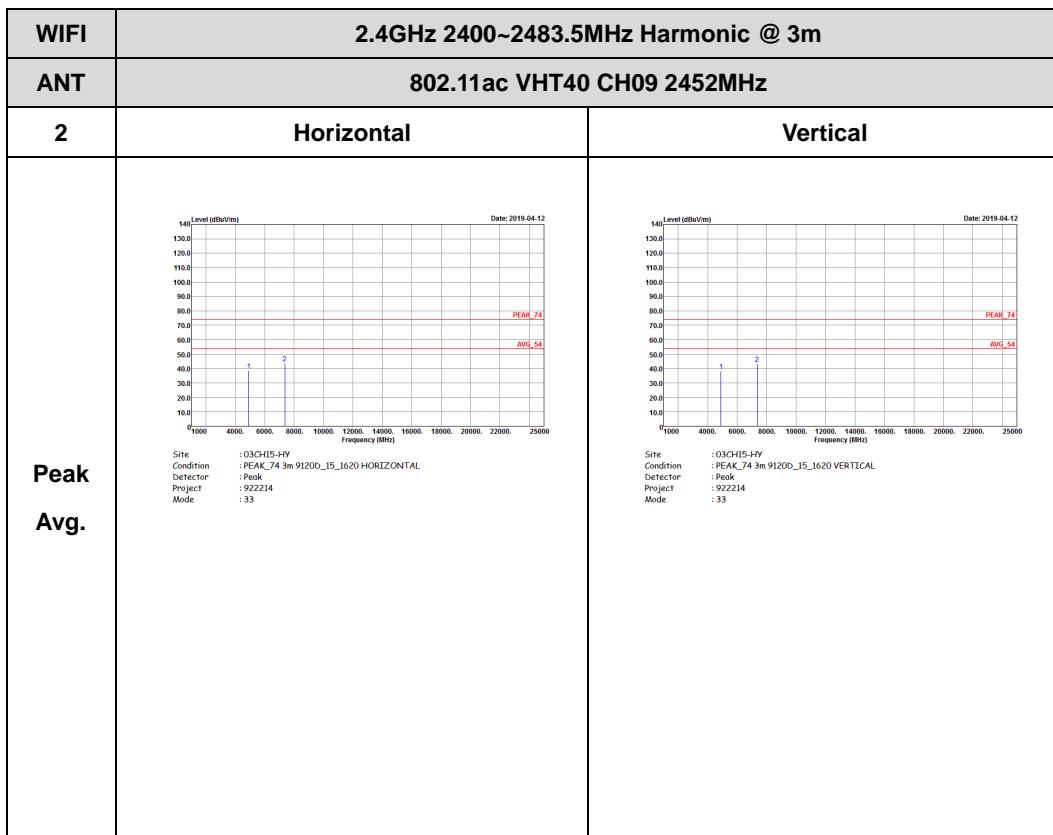


2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)





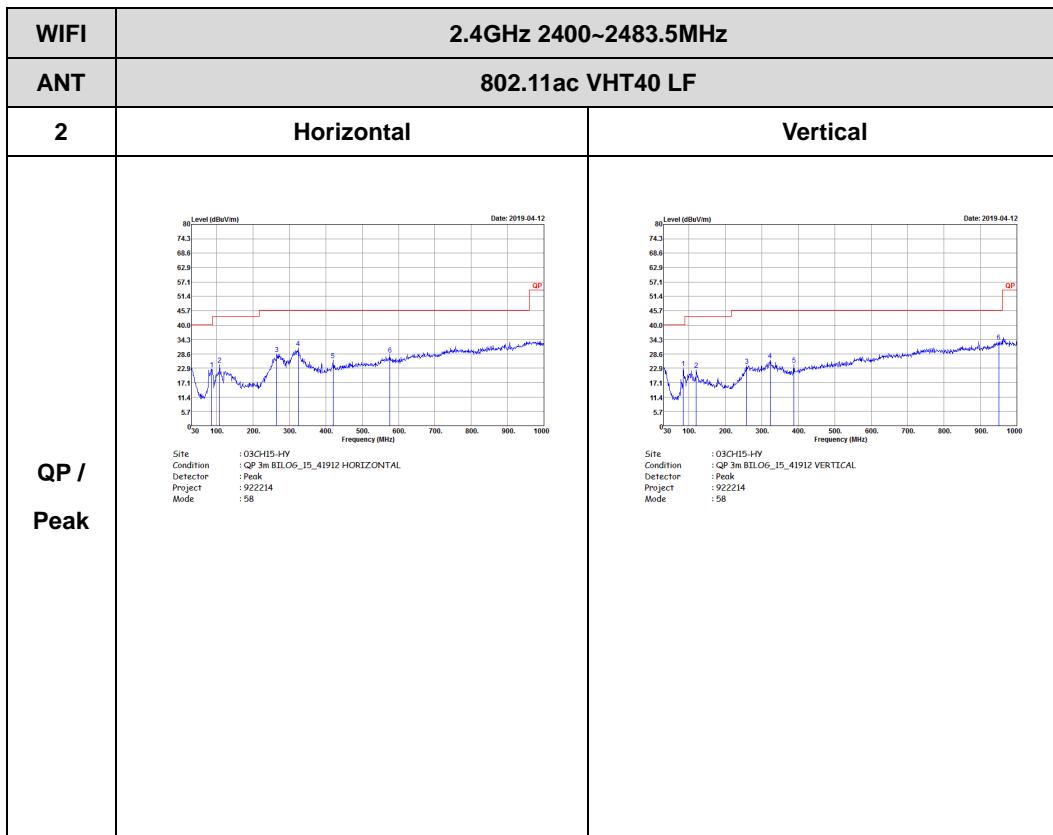




2.4GHz 2400~2483.5MHz

Emission below 1GHz

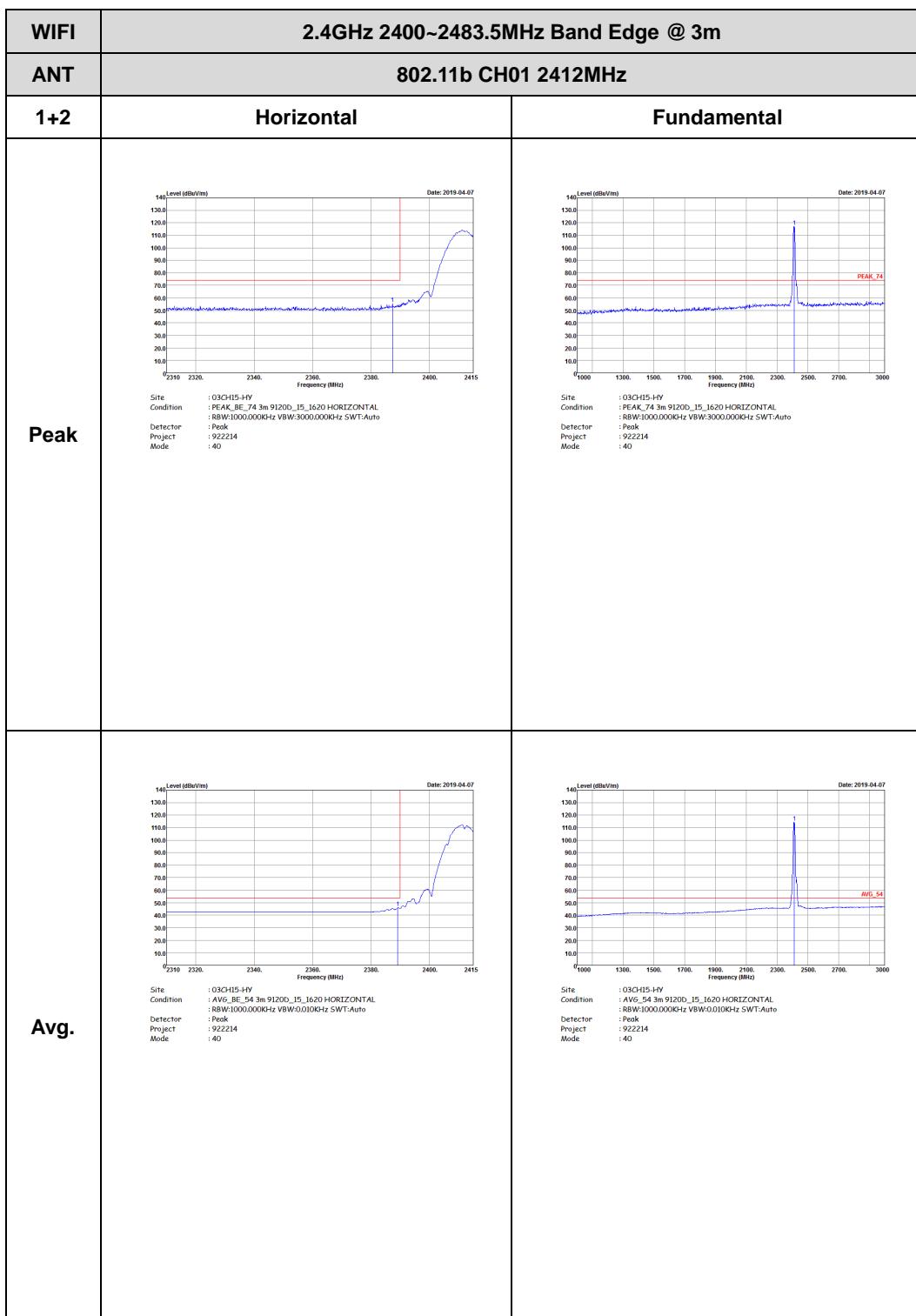
2.4GHz WIFI 802.11ac VHT40 (LF)





2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)





FCC RADIO TEST REPORT

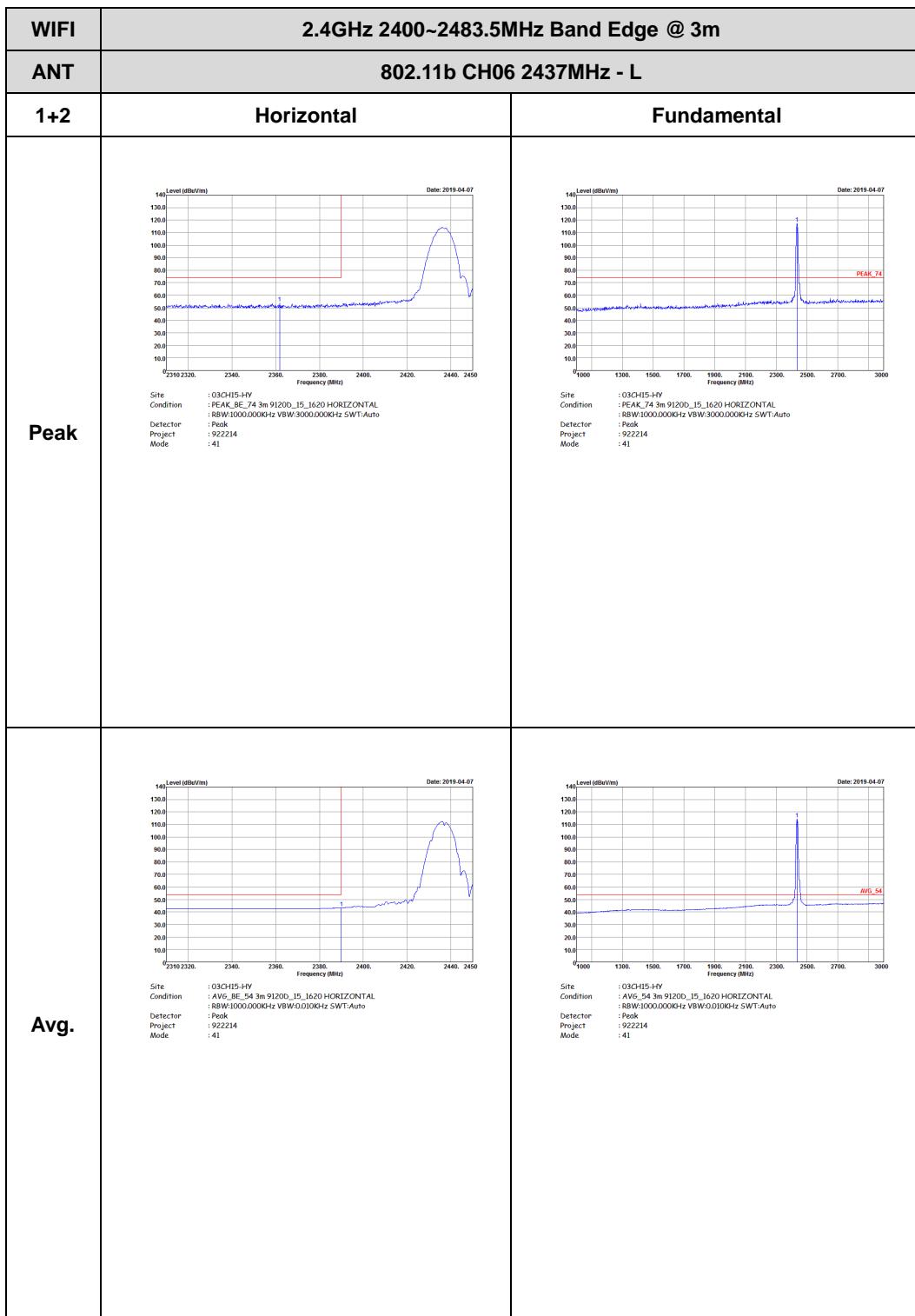
Report No. : FR922214C

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	<p>Date: 2019-04-07</p> <p>Site : 03CH15-HY Condition : PCAK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 922214 Mode : 40</p>	<p>Date: 2019-04-07</p> <p>Site : 03CH15-HY Condition : PCAK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 922214 Mode : 40</p>
Avg.	<p>Date: 2019-04-07</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 922214 Mode : 40</p>	<p>Date: 2019-04-07</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : 922214 Mode : 40</p>



FCC RADIO TEST REPORT

Report No. : FR922214C



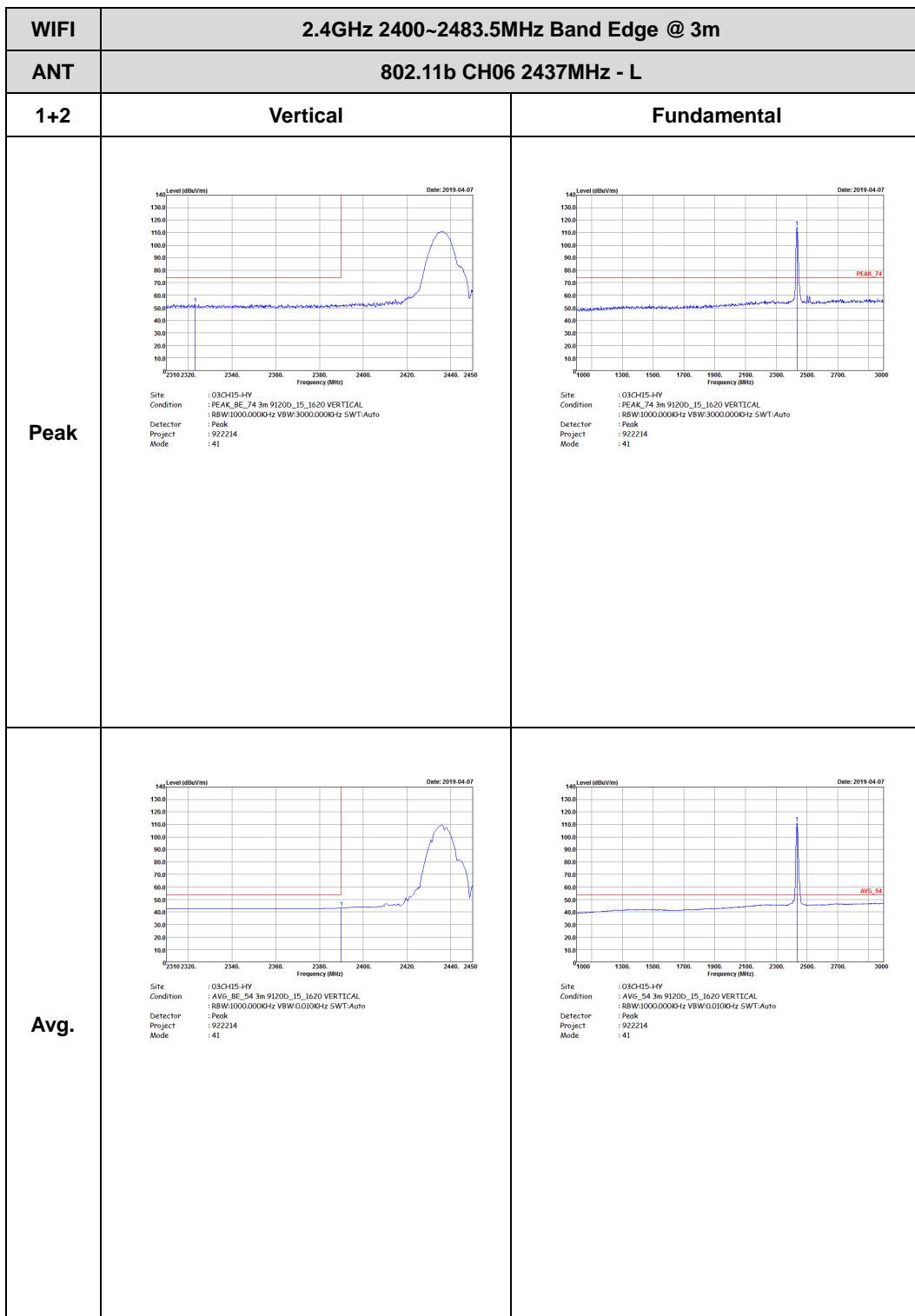


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 922214 :41</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Mode : 922214 :41</p>	Left blank

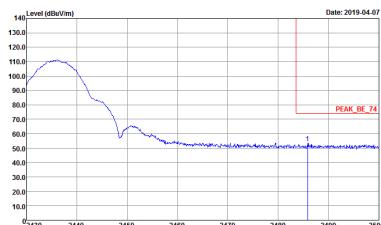
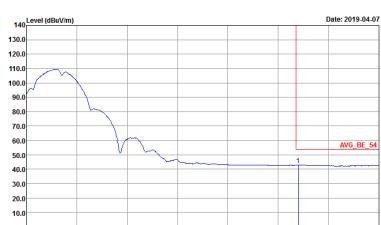


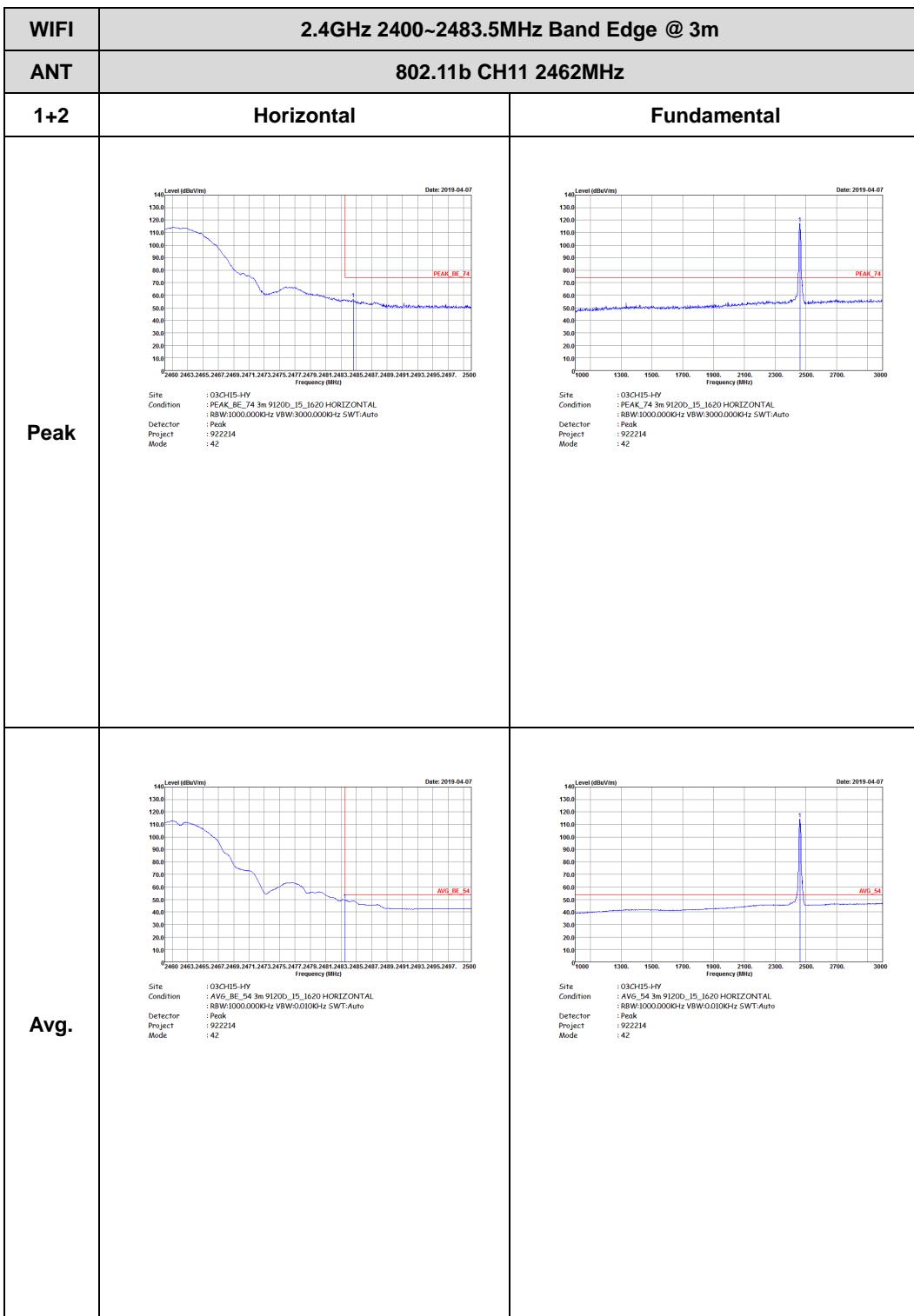
FCC RADIO TEST REPORT

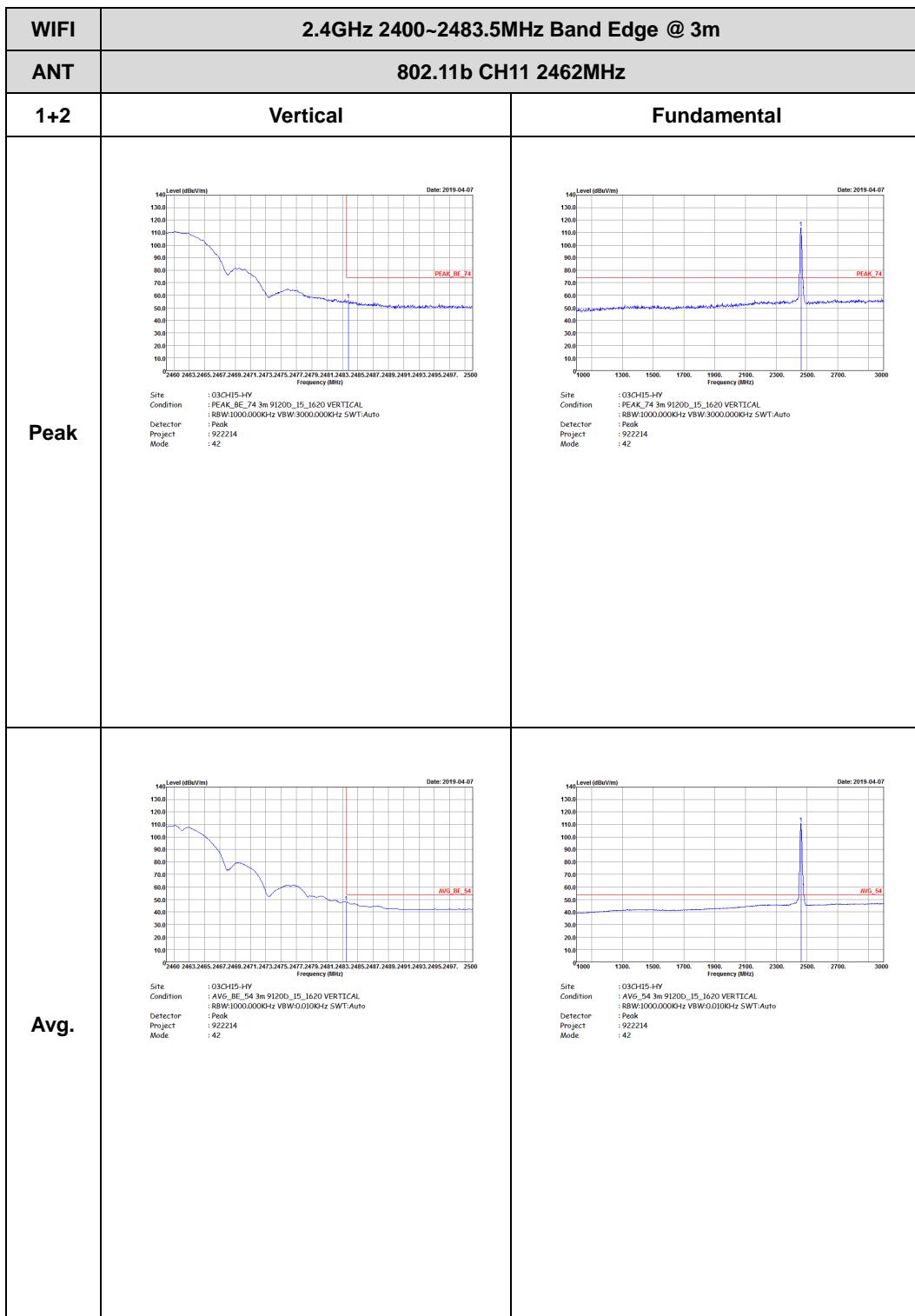
Report No. : FR922214C





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: 2019-04-07</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 922214 : 41</p>	Left blank
Avg.	 <p>Level (dBm/V/m)</p> <p>Date: 2019-04-07</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:0.010KHz SWT:Auto Project : Peak Mode : 922214 : 41</p>	Left blank

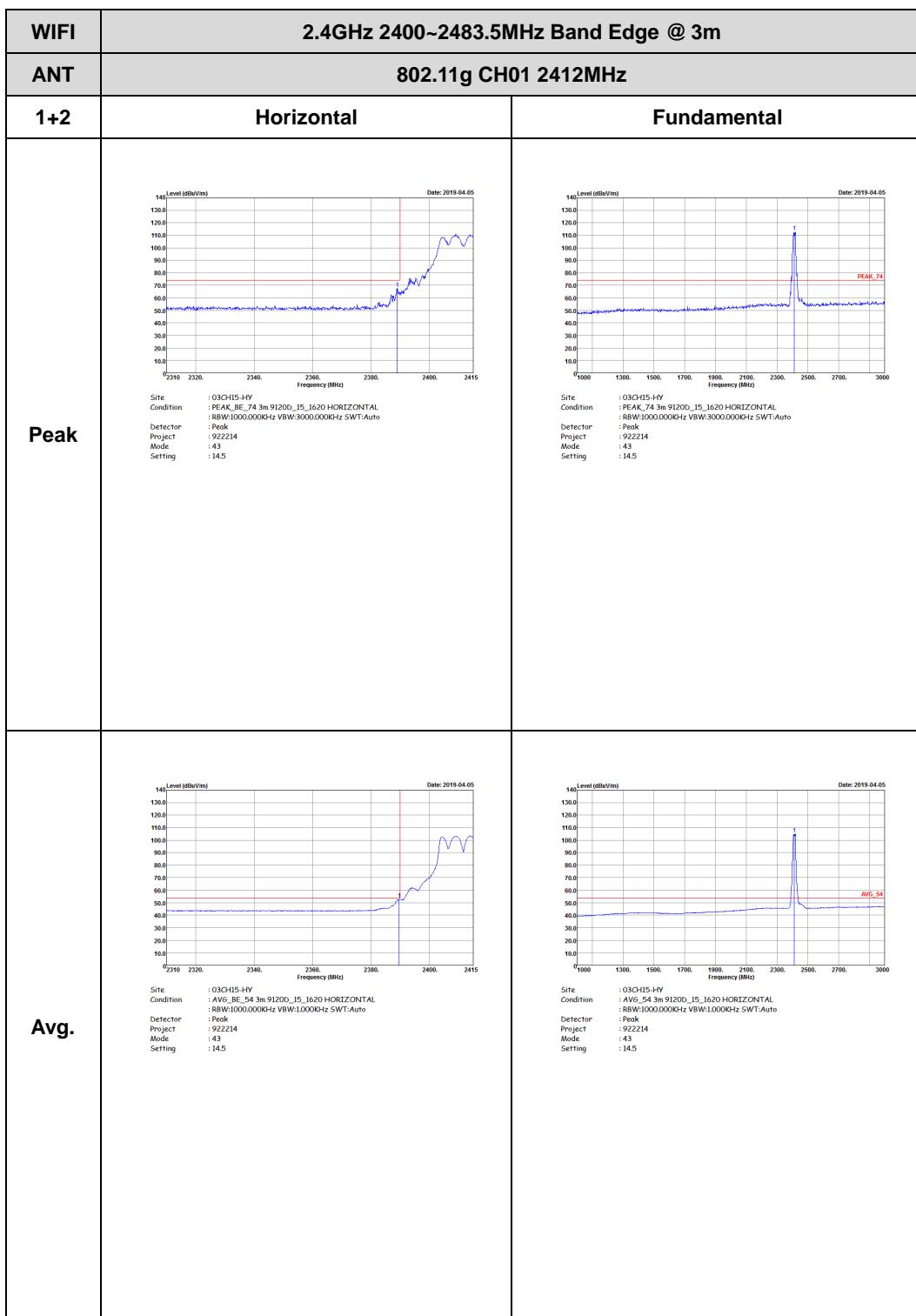




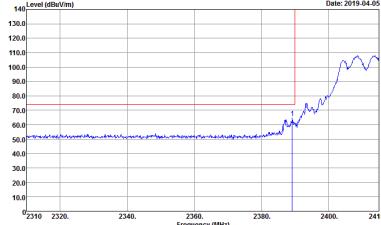
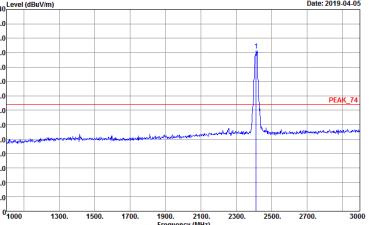
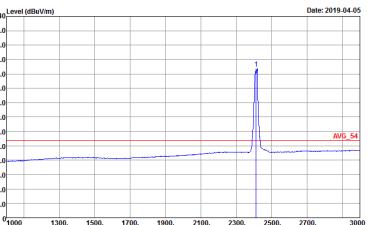


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)



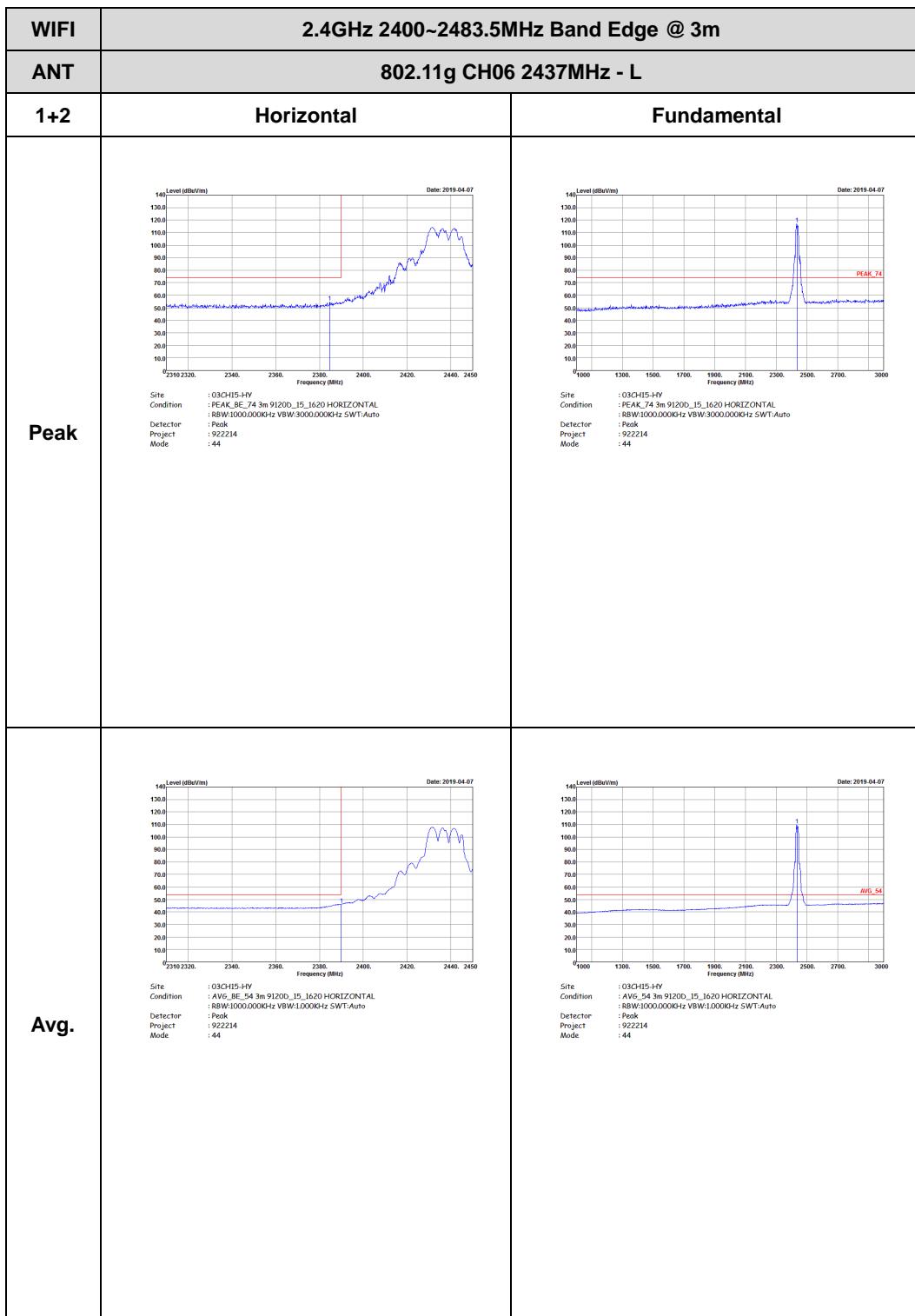


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH15-HY Condition : PCAK_BE_74 3m 91200_I5_1620 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 922214 Mode : 43 Setting : 14.5	 Site : 03CH15-HY Condition : PCAK_I74 3m 91200_I5_1620 VERTICAL Detector : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto Project : 922214 Mode : 43 Setting : 14.5
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 922214 Mode : 43 Setting : 14.5	 Site : 03CH15-HY Condition : AVG_I54 3m 91200_I5_1620 VERTICAL Detector : RBW:1000.000KHz VBW:1.000KHz SWT:Auto Project : 922214 Mode : 43 Setting : 14.5



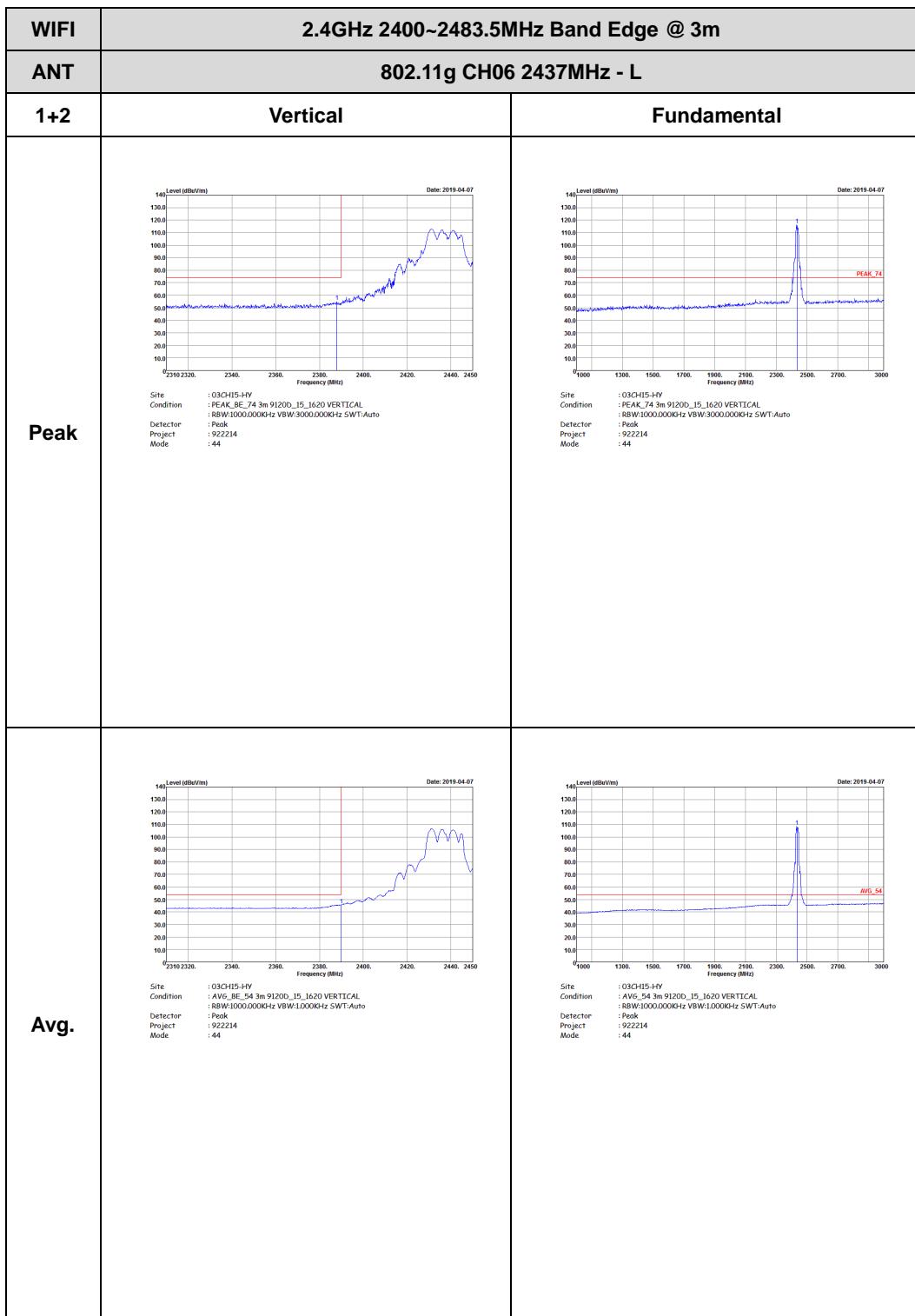
FCC RADIO TEST REPORT

Report No. : FR922214C



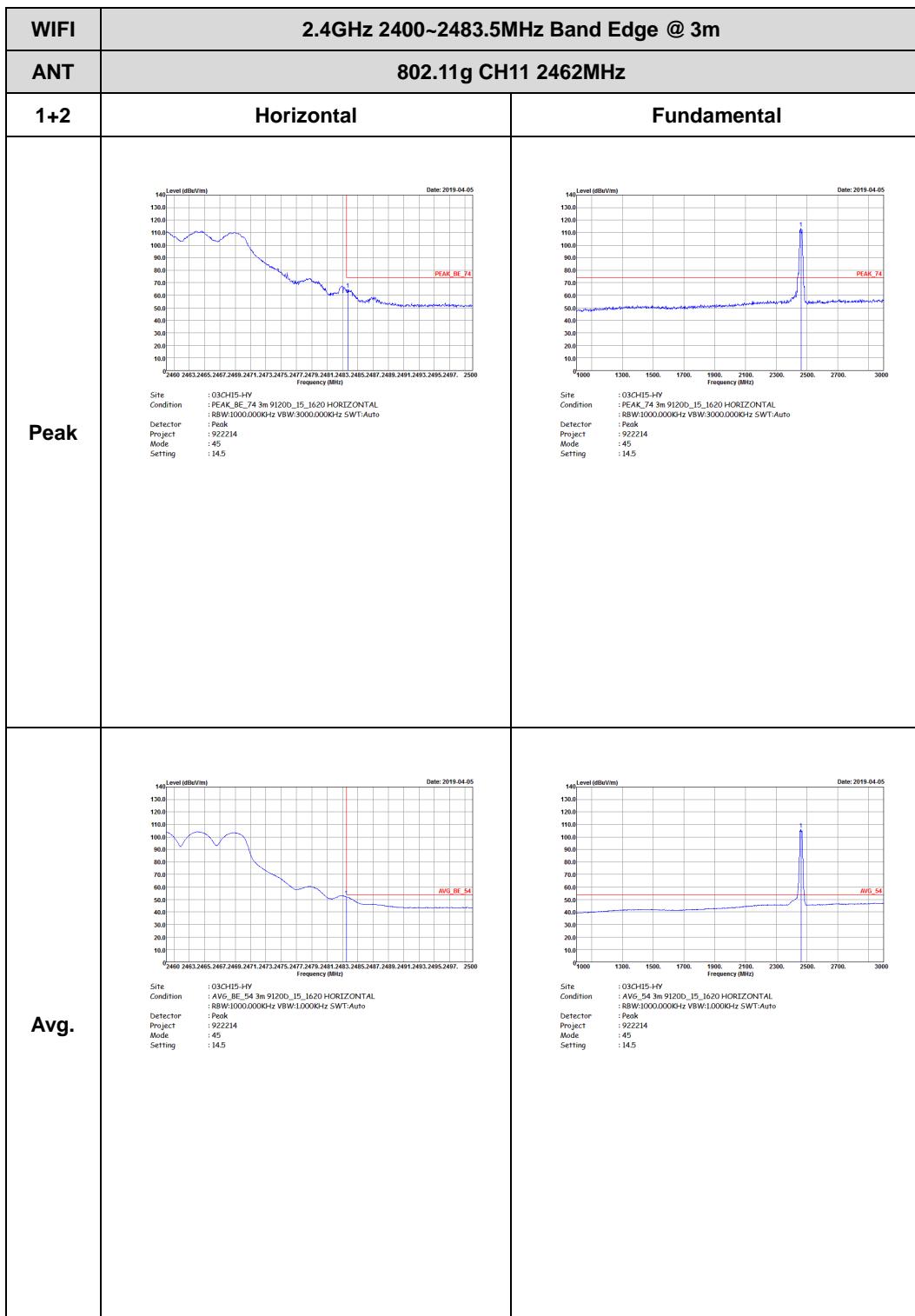


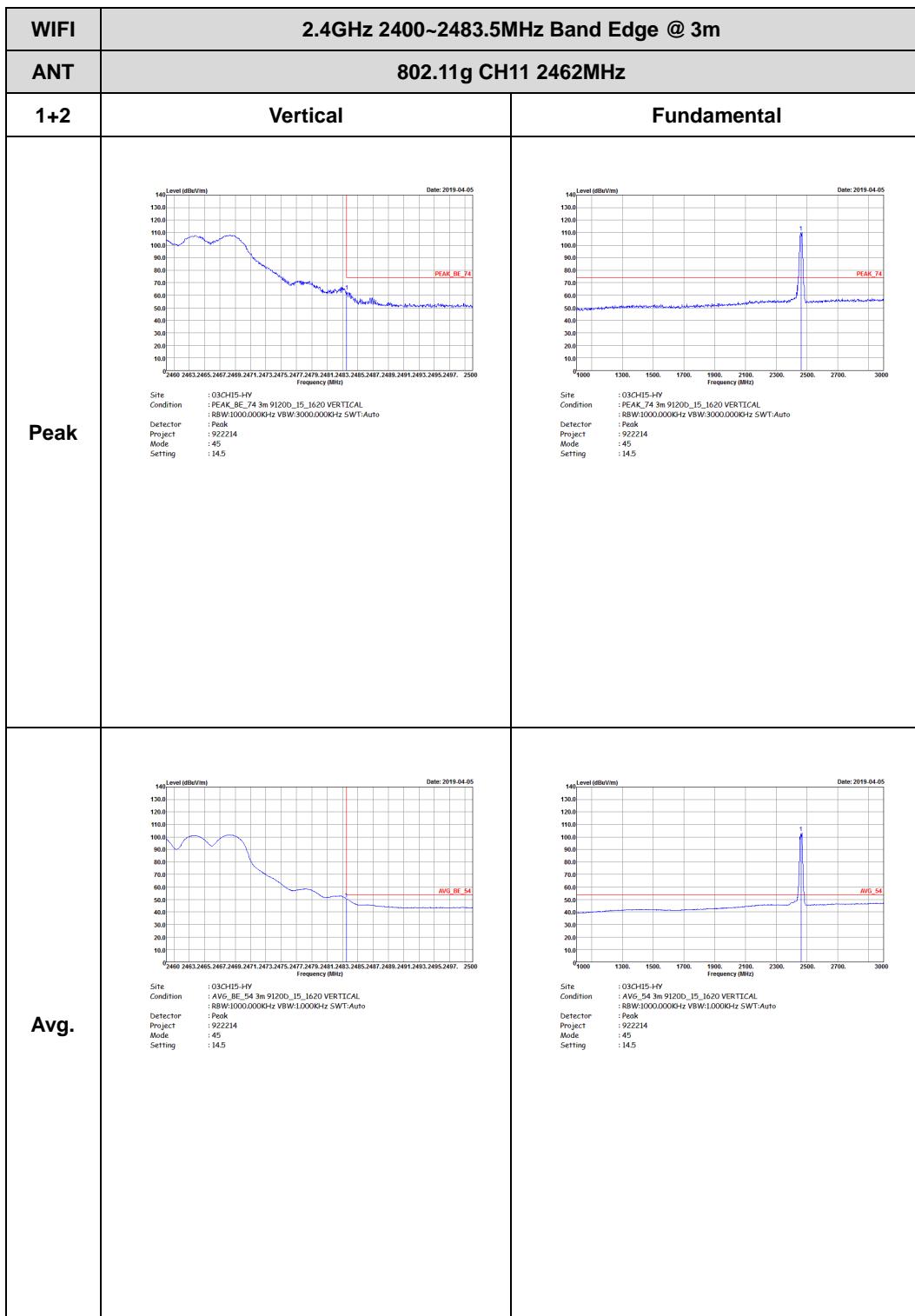
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 HORIZONTAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : 922214 Mode : 44</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 HORIZONTAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : 922214 Mode : 44</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : 922214 Mode : 44</p>	Left Blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : 922214 Mode : 44</p>	Left Blank

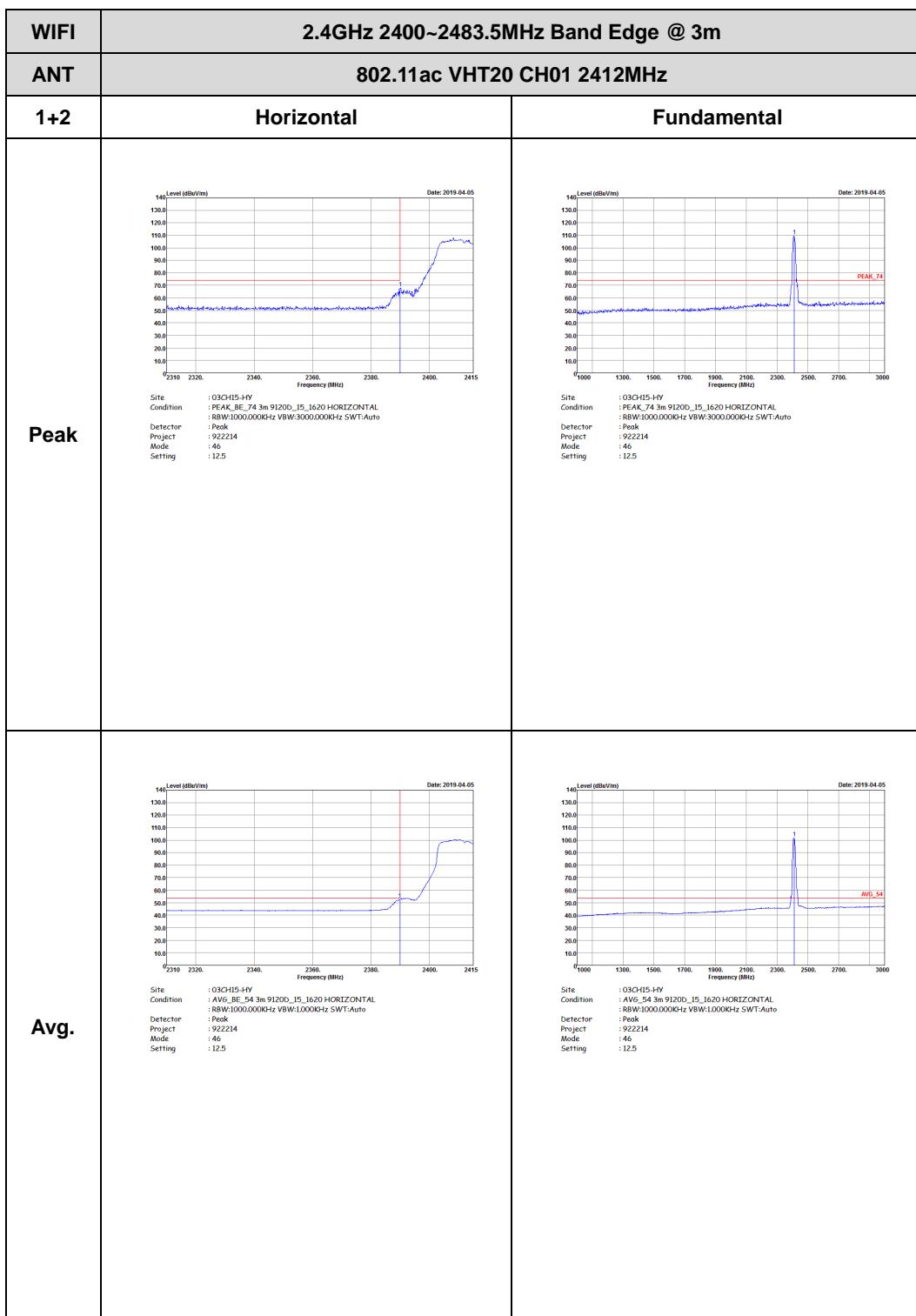


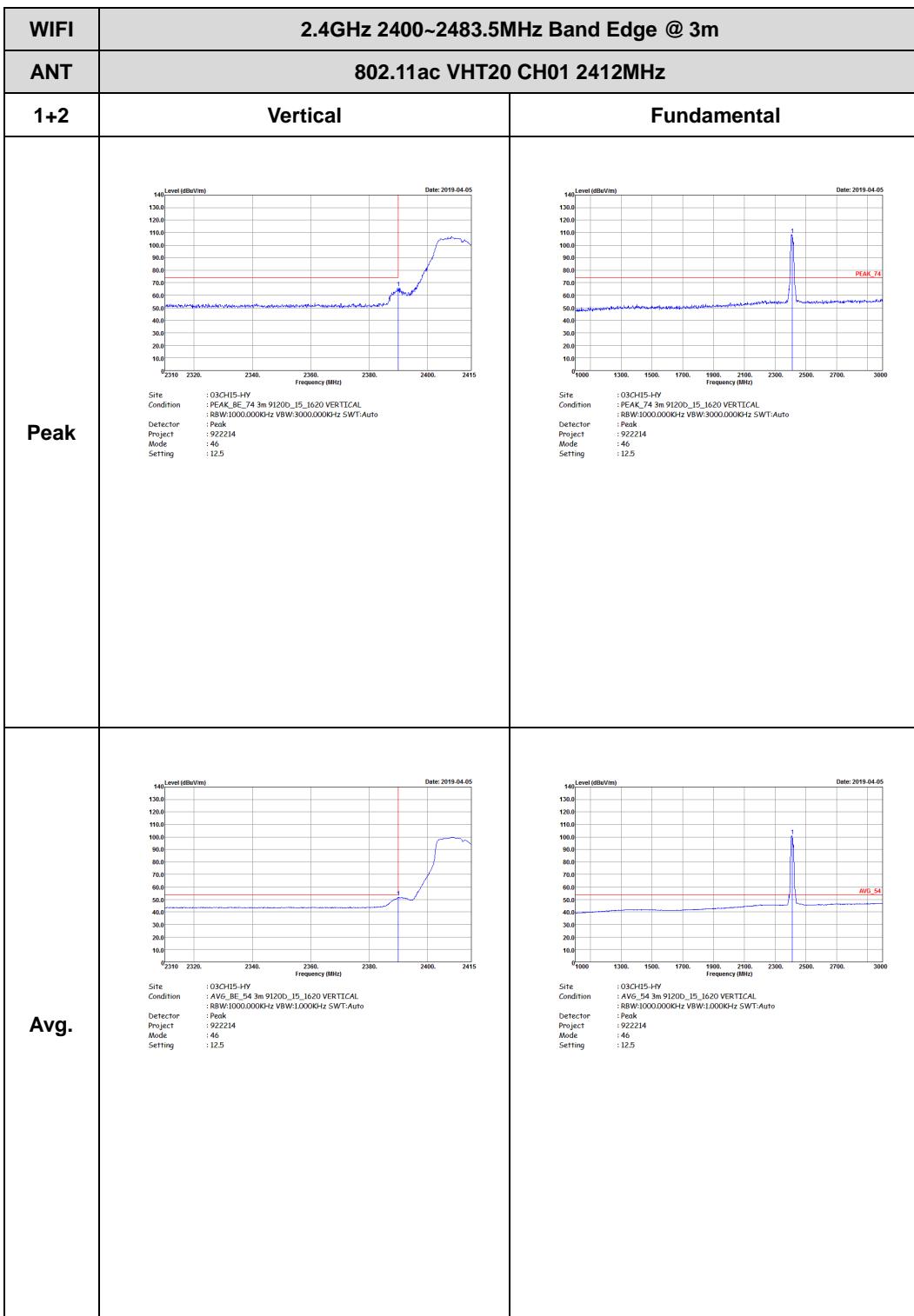


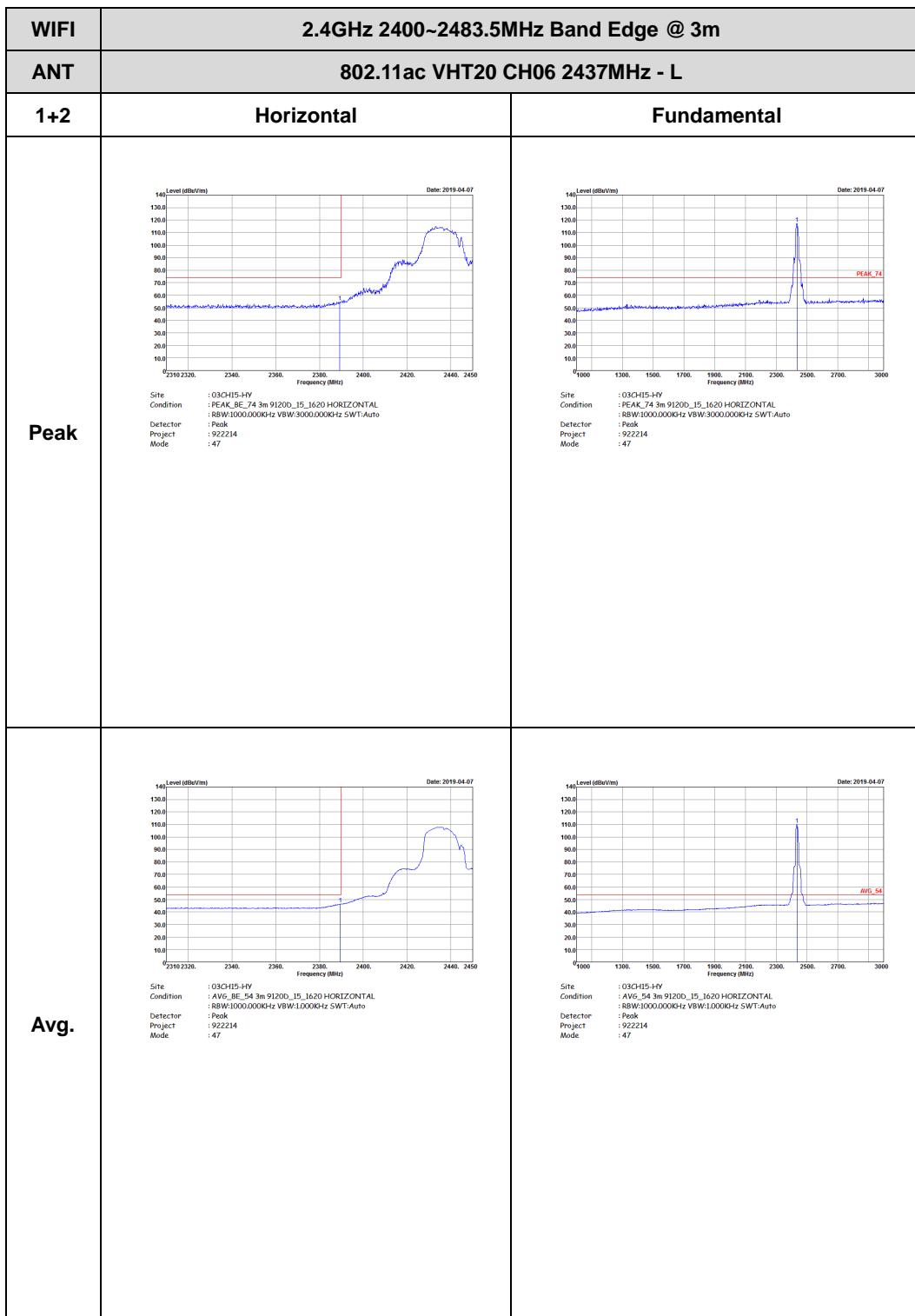


2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

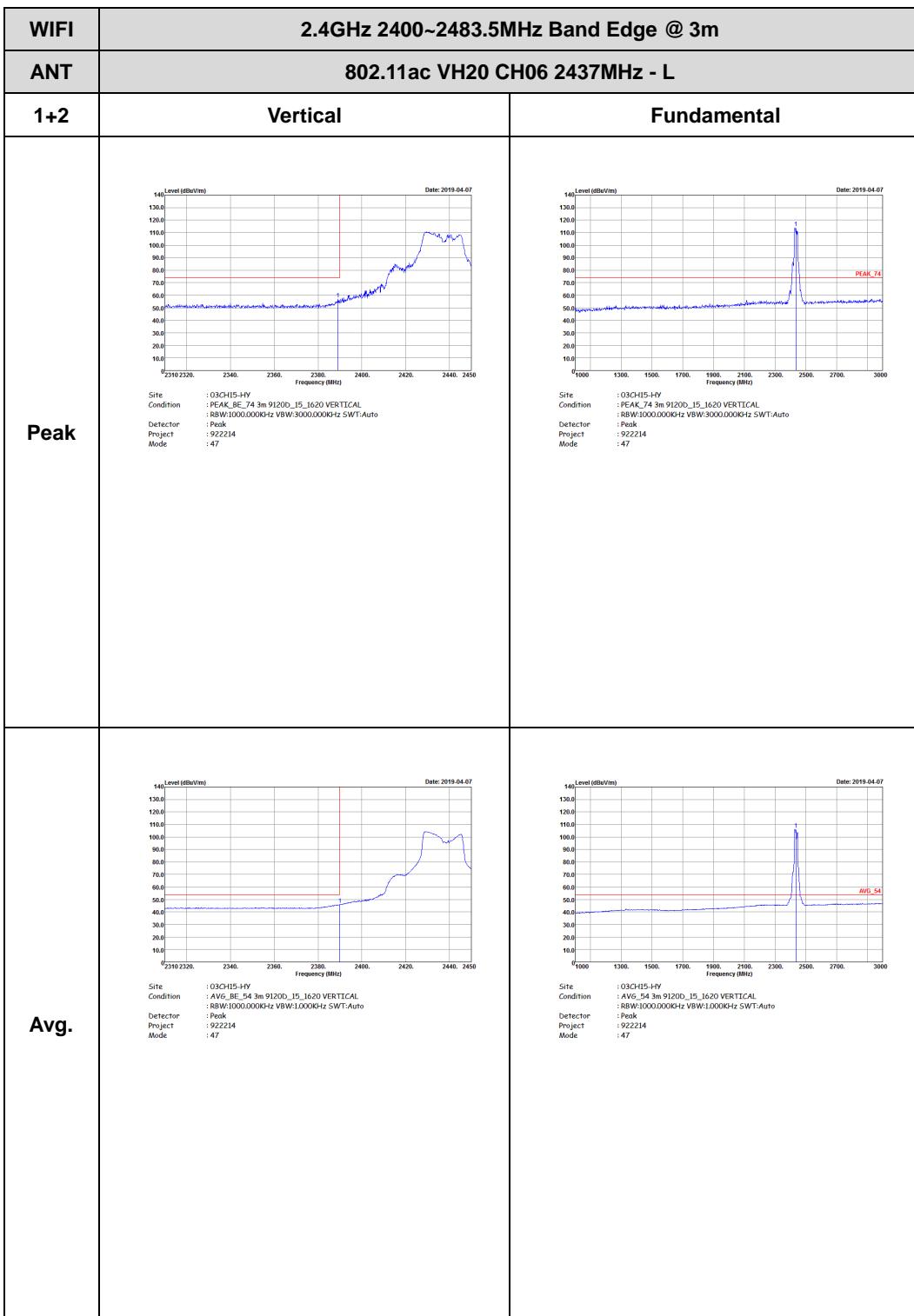






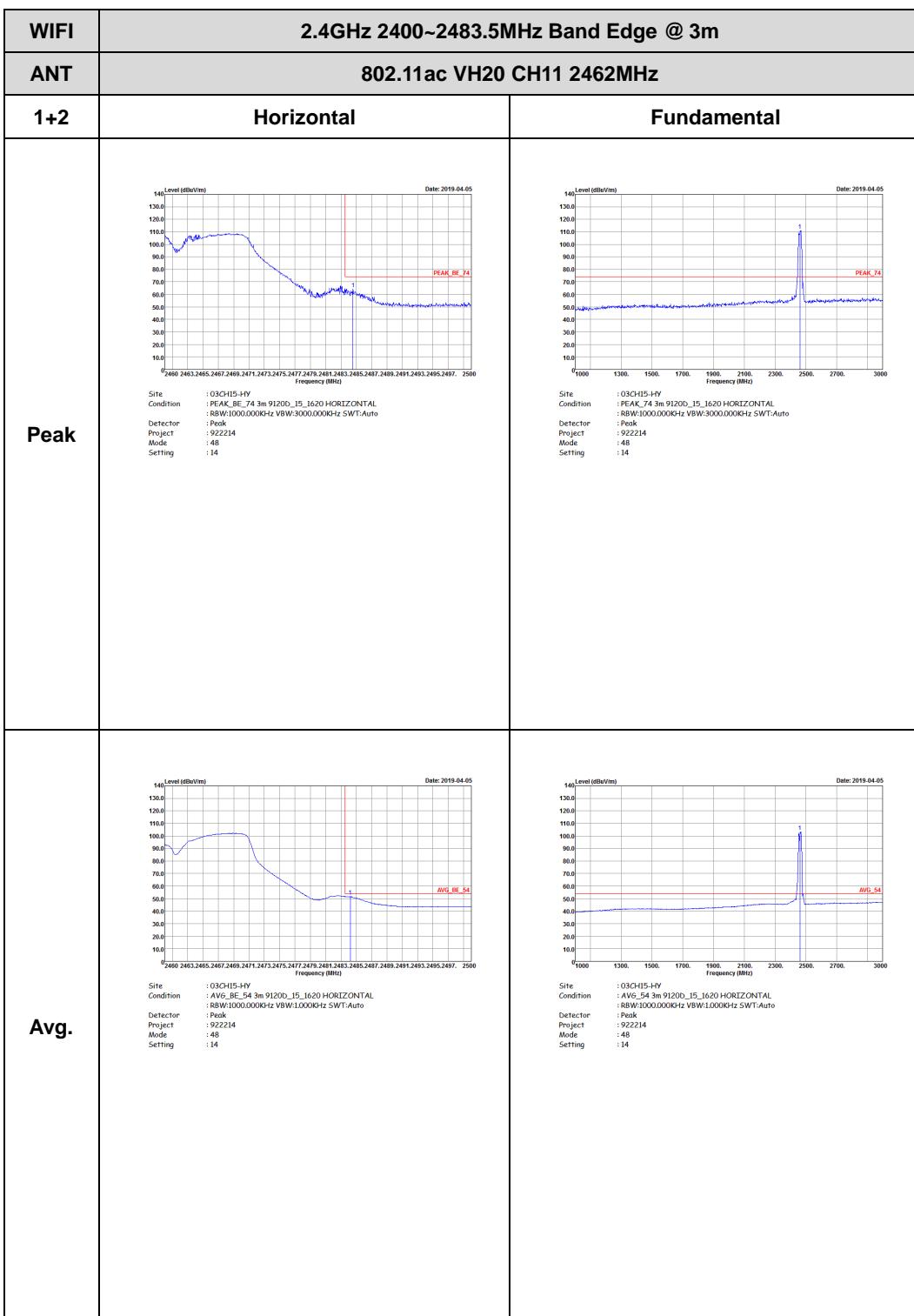


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620_HORIZONTAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : Peak Mode : 922214 : 47	Left blank
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620_HORIZONTAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : Peak Mode : 922214 : 47	Left blank





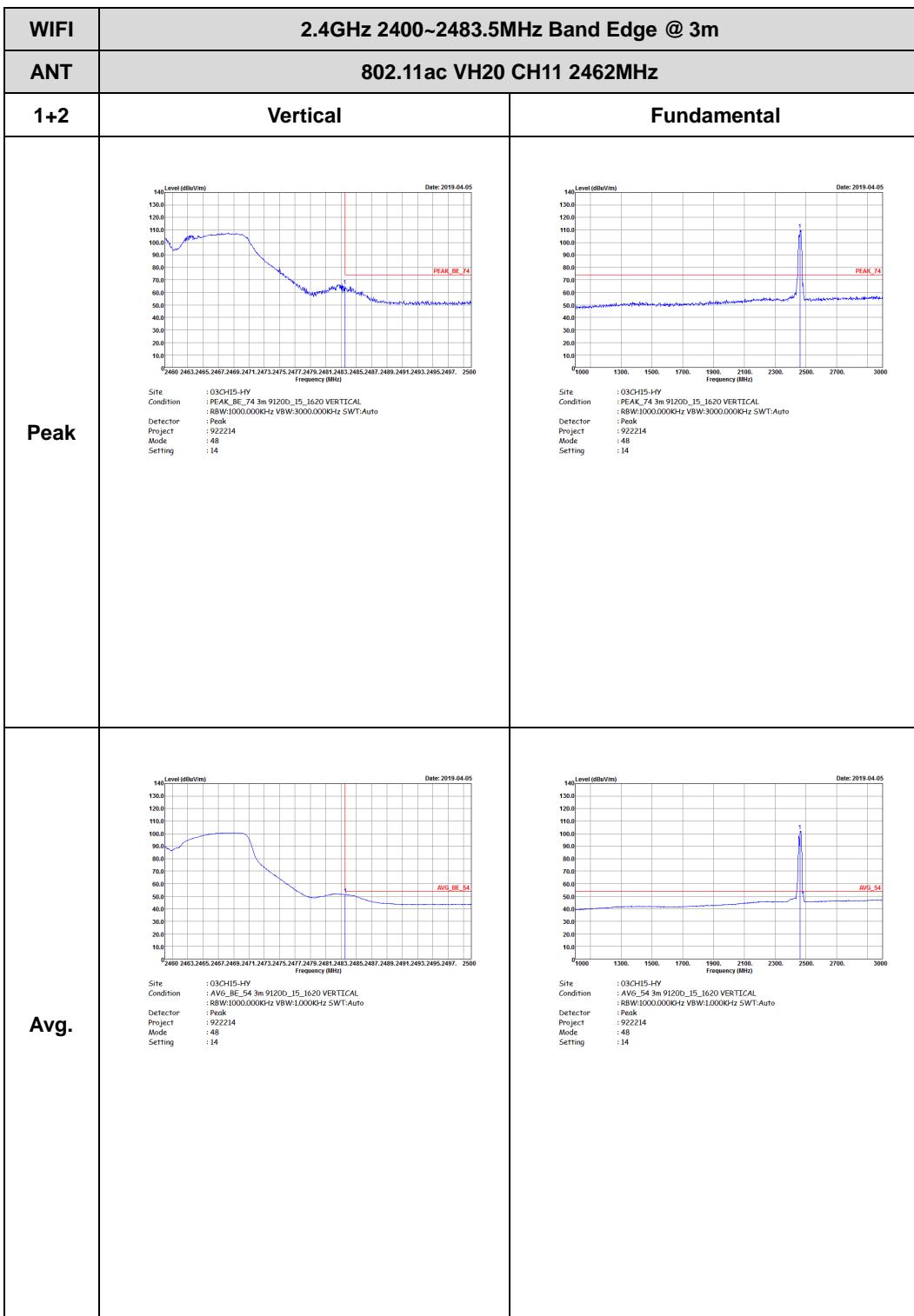
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH20 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Date: 2019-04-07 Site : 03CH15-HV Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:3000.000KHz SWT:Auto Project : 922214 Mode : 47	Left blank
Avg.	 Date: 2019-04-07 Site : 03CH15-HV Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W1000.000KHz VBW:1.000KHz SWT:Auto Project : 922214 Mode : 47	Left blank





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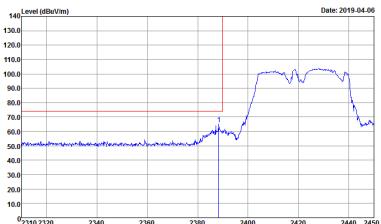
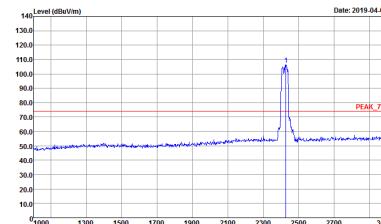
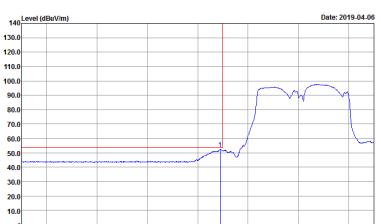
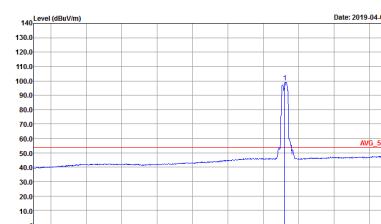
Report No. : FR922214C





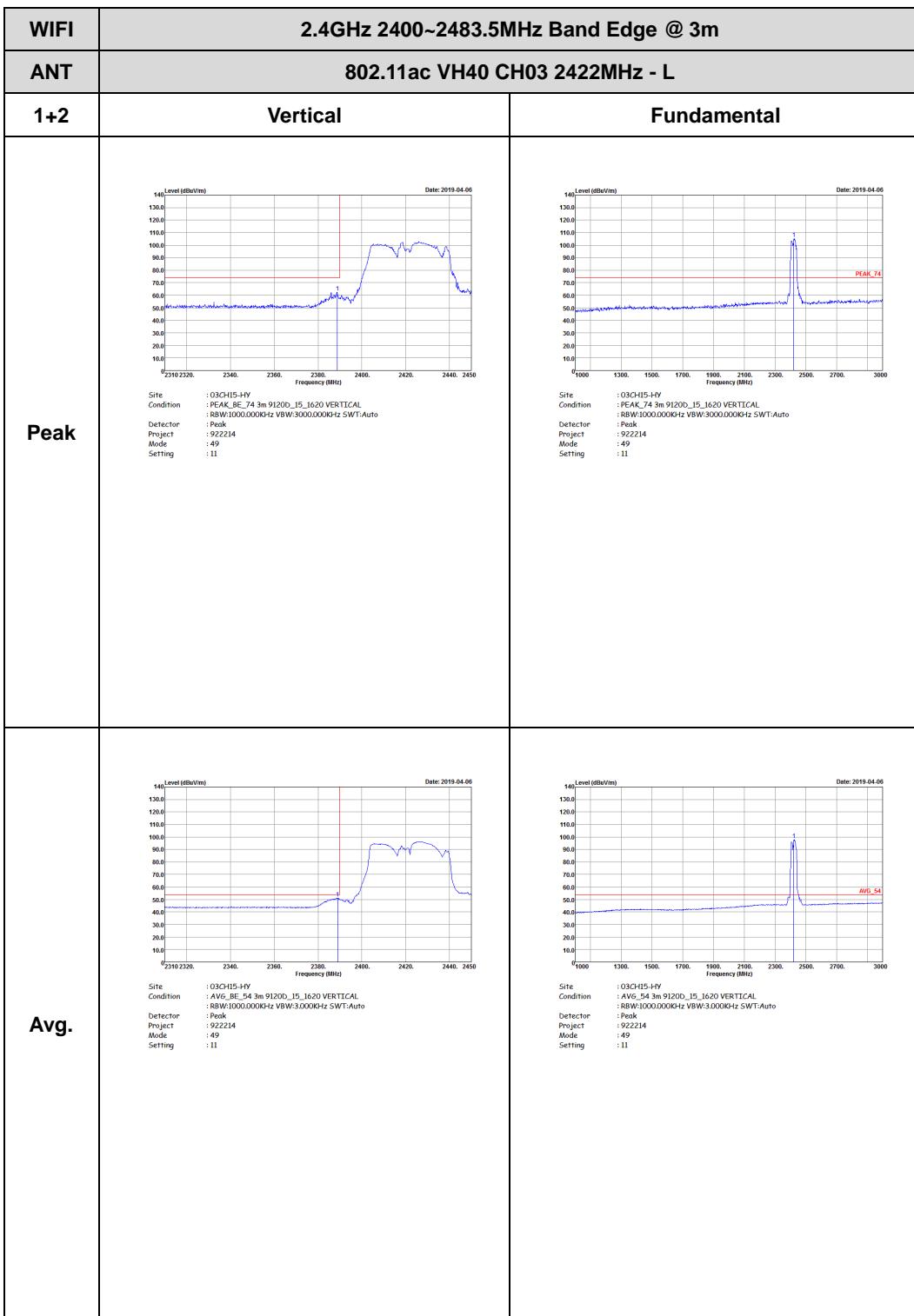
2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

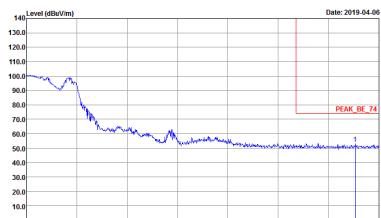
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH15-HY Condition : PEAK_BE_74_3m_91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:3000.000Hz SWT:Auto Project : 922214 Mode : 49 Setting : 11	 Site : 03CH15-HY Condition : PEAK_74_3m_91200_I5_1620_HORIZONTAL Detector : Peak Project : 922214 Mode : 49 Setting : 11
Avg.	 Site : 03CH15-HY Condition : AVG_BE_54_3m_91200_I5_1620_HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000Hz SWT:Auto Project : 922214 Mode : 49 Setting : 11	 Site : 03CH15-HY Condition : AVG_54_3m_91200_I5_1620_HORIZONTAL Detector : Peak Project : 922214 Mode : 49 Setting : 11



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak	<p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Setting : 11</p>	Left blank
Avg.	<p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 HORIZONTAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Setting : 11</p>	Left blank





WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11ac VH40 CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-06</p> <p>Site : 03CH15-HY Condition : PCMK_BE_74 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Setting : 11</p>	Left blank
Avg.	 <p>Level (dBmV/m)</p> <p>Date: 2019-04-06</p> <p>Site : 03CH15-HY Condition : AVG_BE_54 3m 91200_I5_1620 VERTICAL Detector : R8W:1000.000KHz VBW:3.000KHz SWT:Auto Project : Peak Mode : 922214 Setting : 11</p>	Left blank

