2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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		2389.905	62.84	-11.16	74	50.01	27.23	15.49	29.89	272	301	P	H
		2390	51.44	-2.56	54	38.61	27.23	15.49	29.89	272	301	A	H
	*	2412	108.12	-	-	95.2	27.28	15.53	29.89	272	301	P	H
	*	2412	100.47	-	-	87.55	27.28	15.53	29.89	272	301	A	H
		2389.59	57.28	-16.72	74	44.46	27.23	15.49	29.9	400	253	P	V
		2390	46.98	-7.02	54	34.15	27.23	15.49	29.89	400	253	A	V
	*	2412	106.98	-	-	94.06	27.28	15.53	29.89	400	253	P	V
	*	2412	99.16	-	-	86.24	27.28	15.53	29.89	400	253	A	V
802.11g CH 06 2437MHz		2385.32	53.47	-20.53	74	40.69	27.19	15.49	29.9	100	252	P	H
		2388.26	43.81	-10.19	54	30.99	27.23	15.49	29.9	100	252	A	H
	*	2437	111.65	-	-	98.62	27.37	15.55	29.89	100	252	P	H
	*	2437	104.19	-	-	91.16	27.37	15.55	29.89	100	252	A	H
		2483.97	55.42	-18.58	74	42.23	27.46	15.61	29.88	100	252	P	H
		2484.46	45.37	-8.63	54	32.18	27.46	15.61	29.88	100	252	A	H
		2380.42	54.05	-19.95	74	41.27	27.19	15.49	29.9	100	269	P	V
		2388.12	44.32	-9.68	54	31.5	27.23	15.49	29.9	100	269	A	V
	*	2437	112.52	-	-	99.49	27.37	15.55	29.89	100	269	P	V
	*	2437	104.6	-	-	91.57	27.37	15.55	29.89	100	269	A	V
		2483.5	54.41	-19.59	74	41.22	27.46	15.61	29.88	100	269	P	V
		2483.5	44.67	-9.33	54	31.48	27.46	15.61	29.88	100	269	A	V

802.11g CH 11 2462MHz	*	2462	109.61	-	-	96.51	27.41	15.57	29.88	261	307	P	H
	*	2462	101.85	-	-	88.75	27.41	15.57	29.88	261	307	A	H
		2483.84	65.64	-8.36	74	52.45	27.46	15.61	29.88	261	307	P	H
		2483.56	53.21	-0.79	54	40.02	27.46	15.61	29.88	261	307	A	H
	*	2462	110.49	-	-	97.39	27.41	15.57	29.88	400	258	P	V
	*	2462	102.52	-	-	89.42	27.41	15.57	29.88	400	258	A	V
		2483.76	66.15	-7.85	74	52.96	27.46	15.61	29.88	400	258	P	V
		2483.56	52.84	-1.16	54	39.65	27.46	15.61	29.88	400	258	A	V
802.11g CH 12 2467MHz	*	2467	106.57	-	-	93.45	27.41	15.59	29.88	265	307	P	H
	*	2467	98.41	-	-	85.29	27.41	15.59	29.88	265	307	A	H
		2485.72	66.78	-7.22	74	53.59	27.46	15.61	29.88	265	307	P	H
		2483.56	53.05	-0.95	54	39.86	27.46	15.61	29.88	265	307	A	H
	*	2467	106.75	-	-	93.63	27.41	15.59	29.88	400	263	P	V
	*	2467	98.75	-	-	85.63	27.41	15.59	29.88	400	263	A	V
		2483.56	66.01	-7.99	74	52.82	27.46	15.61	29.88	400	263	P	V
		2483.52	53.22	-0.78	54	40.03	27.46	15.61	29.88	400	263	A	V
802.11g CH 13 2472MHz	*	2472	103.24	-	-	90.07	27.46	15.59	29.88	263	310	P	H
	*	2472	95.09	-	-	81.92	27.46	15.59	29.88	263	310	A	H
		2484.44	64.15	-9.85	74	50.96	27.46	15.61	29.88	263	310	P	H
		2483.52	51.8	-2.2	54	38.61	27.46	15.61	29.88	263	310	A	H
	*	2472	105.02	-	-	91.85	27.46	15.59	29.88	400	259	P	V
	*	2472	96.54	-	-	83.37	27.46	15.59	29.88	400	259	A	V
		2484.04	66.19	-7.81	74	53	27.46	15.61	29.88	400	259	P	V
		2483.6	52.64	-1.36	54	39.45	27.46	15.61	29.88	400	259	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 802.11g (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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	47.12	-26.88	74	66.16	31.26	8.27	58.57	100	0	P	H
		4824	44.63	-29.37	74	63.67	31.26	8.27	58.57	100	0	P	V
802.11g CH 06 2437MHz		4874	49.33	-24.67	74	68.03	31.36	8.49	58.55	100	0	P	H
		7311	64.46	-9.54	74	76.43	36.18	10.68	58.83	210	322	P	H
		7311	52.59	-1.41	54	64.56	36.18	10.68	58.83	210	322	A	H
		4874	47.96	-26.04	74	66.66	31.36	8.49	58.55	100	0	P	V
		7311	63.97	-10.03	74	75.94	36.18	10.68	58.83	100	304	P	V
		7311	51.76	-2.24	54	63.73	36.18	10.68	58.83	100	304	A	V
802.11g CH 11 2462MHz		4924	45.14	-28.86	74	63.57	31.46	8.64	58.53	100	0	P	H
		7386	58.19	-15.81	74	69.87	36.37	10.67	58.72	220	322	P	H
		7386	44.99	-9.01	54	56.67	36.37	10.67	58.72	220	322	A	H
		4924	44.33	-29.67	74	62.76	31.46	8.64	58.53	100	0	P	V
		7386	56.9	-17.1	74	68.58	36.37	10.67	58.72	104	299	P	V
		7386	43.77	-10.23	54	55.45	36.37	10.67	58.72	104	299	A	V
802.11g CH 12 2467MHz		4934	41.45	-32.55	74	59.81	31.46	8.71	58.53	100	0	P	H
		7401	45.72	-28.28	74	57.34	36.41	10.67	58.7	100	0	P	H
		4934	39.75	-34.25	74	58.11	31.46	8.71	58.53	100	0	P	V
		7401	44.59	-29.41	74	56.21	36.41	10.67	58.7	100	0	P	V
802.11g CH 13 2472MHz		4944	39.61	-34.39	74	57.92	31.5	8.71	58.52	100	0	P	H
		7416	42.45	-31.55	74	54.04	36.41	10.7	58.7	100	0	P	H
		4944	38.12	-35.88	74	56.43	31.5	8.71	58.52	100	0	P	V
		7416	42.08	-31.92	74	53.67	36.41	10.7	58.7	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 01 2412MHz		2390	66.79	-7.21	74	53.96	27.23	15.49	29.89	311	296	P	H
		2390	52.85	-1.15	54	40.02	27.23	15.49	29.89	311	296	A	H
	*	2412	107.46	-	-	94.54	27.28	15.53	29.89	311	296	P	H
	*	2412	99.97	-	-	87.05	27.28	15.53	29.89	311	296	A	H
		2389.905	64.56	-9.44	74	51.73	27.23	15.49	29.89	301	241	P	V
		2390	51.33	-2.67	54	38.5	27.23	15.49	29.89	301	241	A	V
	*	2412	107.84	-	-	94.92	27.28	15.53	29.89	301	241	P	V
	*	2412	100.35	-	-	87.43	27.28	15.53	29.89	301	241	A	V
802.11n HT20 CH 06 2437MHz		2383.36	54.12	-19.88	74	41.34	27.19	15.49	29.9	264	256	P	H
		2387.14	43.94	-10.06	54	31.12	27.23	15.49	29.9	264	256	A	H
	*	2437	109.98	-	-	96.95	27.37	15.55	29.89	264	256	P	H
	*	2437	102.33	-	-	89.3	27.37	15.55	29.89	264	256	A	H
		2485.65	55.92	-18.08	74	42.73	27.46	15.61	29.88	264	256	P	H
		2485.3	44.88	-9.12	54	31.69	27.46	15.61	29.88	264	256	A	H
		2387.56	54.64	-19.36	74	41.82	27.23	15.49	29.9	291	247	P	V
		2389.38	44.08	-9.92	54	31.26	27.23	15.49	29.9	291	247	A	V
	*	2437	112.14	-	-	99.11	27.37	15.55	29.89	291	247	P	V
	*	2437	104.61	-	-	91.58	27.37	15.55	29.89	291	247	A	V
		2483.5	57.42	-16.58	74	44.23	27.46	15.61	29.88	291	247	P	V
		2484.6	45.38	-8.62	54	32.19	27.46	15.61	29.88	291	247	A	V

802.11n HT20 CH 11 2462MHz	*	2462	108.06	-	-	94.96	27.41	15.57	29.88	267	307	P	H
	*	2462	100.52	-	-	87.42	27.41	15.57	29.88	267	307	A	H
		2483.52	65.26	-8.74	74	52.07	27.46	15.61	29.88	267	307	P	H
		2483.56	52.69	-1.31	54	39.5	27.46	15.61	29.88	267	307	A	H
	*	2462	109.02	-	-	95.92	27.41	15.57	29.88	283	243	P	V
	*	2462	101.48	-	-	88.38	27.41	15.57	29.88	283	243	A	V
		2483.56	66.05	-7.95	74	52.86	27.46	15.61	29.88	283	243	P	V
		2483.56	53.23	-0.77	54	40.04	27.46	15.61	29.88	283	243	A	V
802.11n HT20 CH 12 2467MHz	*	2467	105.18	-	-	92.06	27.41	15.59	29.88	106	261	P	H
	*	2467	97.62	-	-	84.5	27.41	15.59	29.88	106	261	A	H
		2483.52	68.94	-5.06	74	55.75	27.46	15.61	29.88	106	261	P	H
		2483.56	52.17	-1.83	54	38.98	27.46	15.61	29.88	106	261	A	H
	*	2467	105.94	-	-	92.82	27.41	15.59	29.88	278	245	P	V
	*	2467	98.25	-	-	85.13	27.41	15.59	29.88	278	245	A	V
		2483.72	69.41	-4.59	74	56.22	27.46	15.61	29.88	278	245	P	V
		2484.04	52.46	-1.54	54	39.27	27.46	15.61	29.88	278	245	A	V
802.11n HT20 CH 13 2472MHz	*	2472	102.67	-	-	89.5	27.46	15.59	29.88	230	312	P	H
	*	2472	95.06	-	-	81.89	27.46	15.59	29.88	230	312	A	H
		2483.88	67.99	-6.01	74	54.8	27.46	15.61	29.88	230	312	P	H
		2483.56	50.76	-3.24	54	37.57	27.46	15.61	29.88	230	312	A	H
	*	2472	104.19	-	-	91.02	27.46	15.59	29.88	245	252	P	V
	*	2472	96.47	-	-	83.3	27.46	15.59	29.88	245	252	A	V
		2483.52	69.37	-4.63	74	56.18	27.46	15.61	29.88	245	252	P	V
		2483.6	51.71	-2.29	54	38.52	27.46	15.61	29.88	245	252	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 01 2412MHz		4824	46.11	-27.89	74	65.15	31.26	8.27	58.57	100	0	P	H
		4824	47.56	-26.44	74	66.6	31.26	8.27	58.57	100	0	P	V
802.11n HT20 CH 06 2437MHz		4874	48.71	-25.29	74	67.41	31.36	8.49	58.55	100	0	P	H
		7311	63.66	-10.34	74	75.63	36.18	10.68	58.83	231	321	P	H
		7311	50.04	-3.96	54	62.01	36.18	10.68	58.83	231	321	A	H
		4874	46.59	-27.41	74	65.29	31.36	8.49	58.55	100	0	P	V
		7311	63.59	-10.41	74	75.56	36.18	10.68	58.83	101	303	P	V
		7311	50.02	-3.98	54	61.99	36.18	10.68	58.83	101	303	A	V
802.11n HT20 CH 11 2462MHz		4924	43.82	-30.18	74	62.25	31.46	8.64	58.53	100	0	P	H
		7386	53.55	-20.45	74	65.23	36.37	10.67	58.72	227	237	P	H
		7386	40.35	-13.65	54	52.03	36.37	10.67	58.72	227	237	A	H
		4924	43.6	-30.4	74	62.03	31.46	8.64	58.53	100	0	P	V
		7386	54.74	-19.26	74	66.42	36.37	10.67	58.72	100	287	P	V
		7386	40.86	-13.14	54	52.54	36.37	10.67	58.72	100	287	A	V
802.11n HT20 CH 12 2467MHz		4934	41.92	-32.08	74	60.28	31.46	8.71	58.53	100	0	P	H
		7401	46.51	-27.49	74	58.13	36.41	10.67	58.7	100	0	P	H
		4934	41.55	-32.45	74	59.91	31.46	8.71	58.53	100	0	P	V
		7401	45.09	-28.91	74	56.71	36.41	10.67	58.7	100	0	P	V
802.11n HT20 CH 13 2472MHz		4944	37.41	-36.59	74	55.72	31.5	8.71	58.52	100	0	P	H
		7416	42.36	-31.64	74	53.95	36.41	10.7	58.7	100	0	P	H
		4944	37.76	-36.24	74	56.07	31.5	8.71	58.52	100	0	P	V
		7416	41.71	-32.29	74	53.3	36.41	10.7	58.7	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

2.4GHz WIFI 802.11n HT20 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11n HT20 LF		31.35	22.83	-17.17	40	30.42	23.96	0.79	32.34	-	-	P	H
		72.39	20.52	-19.48	40	38.8	12.86	1.17	32.31	-	-	P	H
		149.88	25.83	-17.67	43.5	39.4	17.16	1.55	32.28	-	-	P	H
		563.2	29.56	-16.44	46	33	25.89	2.88	32.21	-	-	P	H
		780.9	30.72	-15.28	46	31.12	28.27	3.35	32.02	-	-	P	H
		938.4	34.33	-11.67	46	31.78	30.01	3.7	31.16	100	0	P	H
		31.08	31.49	-8.51	40	39.08	23.96	0.79	32.34	100	0	P	V
		37.29	27.3	-12.7	40	38.09	20.73	0.81	32.33	-	-	P	V
		139.89	26.26	-17.24	43.5	39.56	17.53	1.45	32.28	-	-	P	V
		563.2	29.64	-16.36	46	33.08	25.89	2.88	32.21	-	-	P	V
		801.9	31.2	-14.8	46	31.7	28.07	3.41	31.98	-	-	P	V
		938.4	36.47	-9.53	46	33.92	30.01	3.7	31.16	-	-	P	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2387.28	56.37	-17.63	74	43.55	27.23	15.49	29.9	229	168	P	H
		2386.965	49.08	-4.92	54	36.26	27.23	15.49	29.9	229	168	A	H
	*	2412	109.46	-	-	96.54	27.28	15.53	29.89	229	168	P	H
	*	2412	106.33	-	-	93.41	27.28	15.53	29.89	229	168	A	H
		2386.965	57.1	-16.9	74	44.28	27.23	15.49	29.9	273	210	P	V
		2386.965	50.74	-3.26	54	37.92	27.23	15.49	29.9	273	210	A	V
	*	2412	112.13	-	-	99.21	27.28	15.53	29.89	273	210	P	V
	*	2412	109.12	-	-	96.2	27.28	15.53	29.89	273	210	A	V
802.11b CH 06 2437MHz		2366.42	53.58	-20.42	74	40.87	27.14	15.47	29.9	229	177	P	H
		2389.1	42.74	-11.26	54	29.92	27.23	15.49	29.9	229	177	A	H
	*	2437	109.11	-	-	96.08	27.37	15.55	29.89	229	177	P	H
	*	2437	106.05	-	-	93.02	27.37	15.55	29.89	229	177	A	H
		2488.1	54.15	-19.85	74	40.92	27.5	15.61	29.88	229	177	P	H
		2488.45	43.15	-10.85	54	29.92	27.5	15.61	29.88	229	177	A	H
		2386.58	53.53	-20.47	74	40.71	27.23	15.49	29.9	270	208	P	V
		2389.1	42.97	-11.03	54	30.15	27.23	15.49	29.9	270	208	A	V
	*	2437	113.17	-	-	100.14	27.37	15.55	29.89	270	208	P	V
	*	2437	110.07	-	-	97.04	27.37	15.55	29.89	270	208	A	V
		2491.81	54.4	-19.6	74	41.16	27.5	15.61	29.87	270	208	P	V
		2491.88	44.05	-9.95	54	30.81	27.5	15.61	29.87	270	208	A	V

802.11b CH 11 2462MHz	*	2462	108.38	-	-	95.28	27.41	15.57	29.88	223	169	P	H
	*	2462	105.34	-	-	92.24	27.41	15.57	29.88	223	169	A	H
		2487.72	56.33	-17.67	74	43.1	27.5	15.61	29.88	223	169	P	H
		2483.52	48.01	-5.99	54	34.82	27.46	15.61	29.88	223	169	A	H
	*	2462	112.44	-	-	99.34	27.41	15.57	29.88	262	210	P	V
	*	2462	109.39	-	-	96.29	27.41	15.57	29.88	262	210	A	V
		2487.32	58.51	-15.49	74	45.32	27.46	15.61	29.88	262	210	P	V
		2483.52	51.27	-2.73	54	38.08	27.46	15.61	29.88	262	210	A	V
802.11b CH 12 2467MHz	*	2467	107.55	-	-	94.43	27.41	15.59	29.88	223	167	P	H
	*	2467	104.41	-	-	91.29	27.41	15.59	29.88	223	167	A	H
		2484.92	56.64	-17.36	74	43.45	27.46	15.61	29.88	223	167	P	H
		2483.52	48.95	-5.05	54	35.76	27.46	15.61	29.88	223	167	A	H
	*	2467	111.38	-	-	98.26	27.41	15.59	29.88	267	213	P	V
	*	2467	108.24	-	-	95.12	27.41	15.59	29.88	267	213	A	V
		2486.56	58.56	-15.44	74	45.37	27.46	15.61	29.88	267	213	P	V
		2483.52	51.9	-2.1	54	38.71	27.46	15.61	29.88	267	213	A	V
802.11b CH 13 2472MHz	*	2472	102.26	-	-	89.09	27.46	15.59	29.88	226	167	P	H
	*	2472	99.08	-	-	85.91	27.46	15.59	29.88	226	167	A	H
		2484.04	56.61	-17.39	74	43.42	27.46	15.61	29.88	226	167	P	H
		2484.76	48.67	-5.33	54	35.48	27.46	15.61	29.88	226	167	A	H
	*	2472	106.48	-	-	93.31	27.46	15.59	29.88	265	210	P	V
	*	2472	103.32	-	-	90.15	27.46	15.59	29.88	265	210	A	V
		2484.92	59.26	-14.74	74	46.07	27.46	15.61	29.88	265	210	P	V
		2484.76	52.37	-1.63	54	39.18	27.46	15.61	29.88	265	210	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 802.11b (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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	54.02	-19.98	74	73.06	31.26	8.27	58.57	365	159	P	H
		4824	52.57	-1.43	54	71.61	31.26	8.27	58.57	365	159	A	H
		4824	53.75	-20.25	74	72.79	31.26	8.27	58.57	107	209	P	V
		4824	51.8	-2.2	54	70.84	31.26	8.27	58.57	107	209	A	V
802.11b CH 06 2437MHz		4874	54	-20	74	72.7	31.36	8.49	58.55	396	164	P	H
		4874	52.31	-1.69	54	71.01	31.36	8.49	58.55	396	164	A	H
		7311	44.14	-29.86	74	56.11	36.18	10.68	58.83	100	0	P	H
		4874	52.76	-21.24	74	71.46	31.36	8.49	58.55	340	83	P	V
		4874	51.05	-2.95	54	69.75	31.36	8.49	58.55	340	83	A	V
		7311	43.83	-30.17	74	55.8	36.18	10.68	58.83	100	0	P	V
802.11b CH 11 2462MHz		4924	51.45	-22.55	74	69.88	31.46	8.64	58.53	370	156	P	H
		4924	49.39	-4.61	54	67.82	31.46	8.64	58.53	370	156	A	H
		7386	42.85	-31.15	74	54.53	36.37	10.67	58.72	100	0	P	H
		4924	50.32	-23.68	74	68.75	31.46	8.64	58.53	300	83	P	V
		4924	47.96	-6.04	54	66.39	31.46	8.64	58.53	300	83	A	V
		7386	44.47	-29.53	74	56.15	36.37	10.67	58.72	100	0	P	V
802.11b CH 12 2467MHz		4934	47.68	-26.32	74	66.04	31.46	8.71	58.53	100	0	P	H
		7401	42.22	-31.78	74	53.84	36.41	10.67	58.7	100	0	P	H
		4934	46.8	-27.2	74	65.16	31.46	8.71	58.53	100	0	P	V
		7401	42.51	-31.49	74	54.13	36.41	10.67	58.7	100	0	P	V
802.11b CH 13 2472MHz		4944	40.13	-33.87	74	58.44	31.5	8.71	58.52	100	0	P	H
		7416	41.89	-32.11	74	53.48	36.41	10.7	58.7	100	0	P	H
		4944	41.21	-32.79	74	59.52	31.5	8.71	58.52	100	0	P	V
		7416	41.29	-32.71	74	52.88	36.41	10.7	58.7	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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		2388.33	60.33	-13.67	74	47.51	27.23	15.49	29.9	400	174	P	H
		2390	49.82	-4.18	54	36.99	27.23	15.49	29.89	400	174	A	H
	*	2412	108.51	-	-	95.59	27.28	15.53	29.89	400	174	P	H
	*	2412	100	-	-	87.08	27.28	15.53	29.89	400	174	A	H
		2389.695	63.52	-10.48	74	50.7	27.23	15.49	29.9	267	263	P	V
		2390	52.89	-1.11	54	40.06	27.23	15.49	29.89	267	263	A	V
	*	2412	110.21	-	-	97.29	27.28	15.53	29.89	267	263	P	V
	*	2412	102.41	-	-	89.49	27.28	15.53	29.89	267	263	A	V
802.11g CH 06 2437MHz		2365.58	54.45	-19.55	74	41.74	27.14	15.47	29.9	106	233	P	H
		2387.14	43.9	-10.1	54	31.08	27.23	15.49	29.9	106	233	A	H
	*	2437	109.92	-	-	96.89	27.37	15.55	29.89	106	233	P	H
	*	2437	101.71	-	-	88.68	27.37	15.55	29.89	106	233	A	H
		2488.8	54.85	-19.15	74	41.62	27.5	15.61	29.88	106	233	P	H
		2483.55	44.64	-9.36	54	31.45	27.46	15.61	29.88	106	233	A	H
		2388.68	54.57	-19.43	74	41.75	27.23	15.49	29.9	242	214	P	V
		2389.1	44.33	-9.67	54	31.51	27.23	15.49	29.9	242	214	A	V
	*	2437	112.6	-	-	99.57	27.37	15.55	29.89	242	214	P	V
	*	2437	105.06	-	-	92.03	27.37	15.55	29.89	242	214	A	V
		2490.06	57.44	-16.56	74	44.21	27.5	15.61	29.88	242	214	P	V
		2483.76	45.89	-8.11	54	32.7	27.46	15.61	29.88	242	214	A	V

802.11g CH 11 2462MHz	*	2462	106.94	-	-	93.84	27.41	15.57	29.88	319	172	P	H
	*	2462	99.38	-	-	86.28	27.41	15.57	29.88	319	172	A	H
		2483.76	64.73	-9.27	74	51.54	27.46	15.61	29.88	319	172	P	H
		2483.8	49.54	-4.46	54	36.35	27.46	15.61	29.88	319	172	A	H
	*	2462	110.75	-	-	97.65	27.41	15.57	29.88	234	213	P	V
	*	2462	103.11	-	-	90.01	27.41	15.57	29.88	234	213	A	V
		2484	67.87	-6.13	74	54.68	27.46	15.61	29.88	234	213	P	V
		2483.88	52.58	-1.42	54	39.39	27.46	15.61	29.88	234	213	A	V
802.11g CH 12 2467MHz	*	2467	104.53	-	-	91.41	27.41	15.59	29.88	296	164	P	H
	*	2467	96.61	-	-	83.49	27.41	15.59	29.88	296	164	A	H
		2483.68	63.34	-10.66	74	50.15	27.46	15.61	29.88	296	164	P	H
		2483.52	48.3	-5.7	54	35.11	27.46	15.61	29.88	296	164	A	H
	*	2467	108.52	-	-	95.4	27.41	15.59	29.88	237	207	P	V
	*	2467	100.43	-	-	87.31	27.41	15.59	29.88	237	207	A	V
		2483.6	68.47	-5.53	74	55.28	27.46	15.61	29.88	237	207	P	V
		2483.52	52.07	-1.93	54	38.88	27.46	15.61	29.88	237	207	A	V
802.11g CH 13 2472MHz	*	2472	98.87	-	-	85.7	27.46	15.59	29.88	290	167	P	H
	*	2472	91.12	-	-	77.95	27.46	15.59	29.88	290	167	A	H
		2484.2	59.19	-14.81	74	46	27.46	15.61	29.88	290	167	P	H
		2483.56	48.92	-5.08	54	35.73	27.46	15.61	29.88	290	167	A	H
	*	2472	104.84	-	-	91.67	27.46	15.59	29.88	243	207	P	V
	*	2472	96.54	-	-	83.37	27.46	15.59	29.88	243	207	A	V
		2483.76	63.74	-10.26	74	50.55	27.46	15.61	29.88	243	207	P	V
		2483.68	53.27	-0.73	54	40.08	27.46	15.61	29.88	243	207	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 802.11g (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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	46.07	-27.93	74	65.11	31.26	8.27	58.57	100	0	P	H
		4824	44.92	-29.08	74	63.96	31.26	8.27	58.57	100	0	P	V
802.11g CH 06 2437MHz		4874	49.98	-24.02	74	68.68	31.36	8.49	58.55	100	0	P	H
		7311	41.81	-32.19	74	53.78	36.18	10.68	58.83	100	0	P	H
		4874	47.69	-26.31	74	66.39	31.36	8.49	58.55	100	0	P	V
		7311	41.9	-32.1	74	53.87	36.18	10.68	58.83	100	0	P	V
802.11g CH 11 2462MHz		4924	43.64	-30.36	74	62.07	31.46	8.64	58.53	100	0	P	H
		7386	42.25	-31.75	74	53.93	36.37	10.67	58.72	100	0	P	H
		4924	43.54	-30.46	74	61.97	31.46	8.64	58.53	100	0	P	V
		7386	42.47	-31.53	74	54.15	36.37	10.67	58.72	100	0	P	V
802.11g CH 12 2467MHz		4934	40.28	-33.72	74	58.64	31.46	8.71	58.53	100	0	P	H
		7401	42.77	-31.23	74	54.39	36.41	10.67	58.7	100	0	P	H
		4934	40.1	-33.9	74	58.46	31.46	8.71	58.53	100	0	P	V
		7401	42.83	-31.17	74	54.45	36.41	10.67	58.7	100	0	P	V
802.11g CH 13 2472MHz		4944	38.72	-35.28	74	57.03	31.5	8.71	58.52	100	0	P	H
		7416	41.96	-32.04	74	53.55	36.41	10.7	58.7	100	0	P	H
		4944	37.93	-36.07	74	56.24	31.5	8.71	58.52	100	0	P	V
		7416	41.81	-32.19	74	53.4	36.41	10.7	58.7	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 01 2412MHz		2390	63.33	-10.67	74	50.5	27.23	15.49	29.89	398	175	P	H
		2390	48.06	-5.94	54	35.23	27.23	15.49	29.89	398	175	A	H
	*	2412	106.48	-	-	93.56	27.28	15.53	29.89	398	175	P	H
	*	2412	98.81	-	-	85.89	27.28	15.53	29.89	398	175	A	H
		2390	67.56	-6.44	74	54.73	27.23	15.49	29.89	105	255	P	V
		2390	52.19	-1.81	54	39.36	27.23	15.49	29.89	105	255	A	V
	*	2412	109.36	-	-	96.44	27.28	15.53	29.89	105	255	P	V
	*	2412	101.69	-	-	88.77	27.28	15.53	29.89	105	255	A	V
802.11n HT20 CH 06 2437MHz		2384.9	54.17	-19.83	74	41.39	27.19	15.49	29.9	385	170	P	H
		2389.94	43.74	-10.26	54	30.91	27.23	15.49	29.89	385	170	A	H
	*	2437	109.14	-	-	96.11	27.37	15.55	29.89	385	170	P	H
	*	2437	101.57	-	-	88.54	27.37	15.55	29.89	385	170	A	H
		2493.84	54.85	-19.15	74	41.61	27.5	15.61	29.87	385	170	P	H
		2484.18	44.18	-9.82	54	30.99	27.46	15.61	29.88	385	170	A	H
		2386.58	55.17	-18.83	74	42.35	27.23	15.49	29.9	158	219	P	V
		2388.96	44.03	-9.97	54	31.21	27.23	15.49	29.9	158	219	A	V
	*	2437	111.81	-	-	98.78	27.37	15.55	29.89	158	219	P	V
	*	2437	104.51	-	-	91.48	27.37	15.55	29.89	158	219	A	V
		2484.6	58.06	-15.94	74	44.87	27.46	15.61	29.88	158	219	P	V
		2484.04	45.29	-8.71	54	32.1	27.46	15.61	29.88	158	219	A	V

802.11n HT20 CH 11 2462MHz	*	2462	105.68	-	-	92.58	27.41	15.57	29.88	296	168	P	H
	*	2462	98.1	-	-	85	27.41	15.57	29.88	296	168	A	H
		2483.56	64.09	-9.91	74	50.9	27.46	15.61	29.88	296	168	P	H
		2483.52	49.23	-4.77	54	36.04	27.46	15.61	29.88	296	168	A	H
	*	2462	108.81	-	-	95.71	27.41	15.57	29.88	100	211	P	V
	*	2462	101.12	-	-	88.02	27.41	15.57	29.88	100	211	A	V
		2485.36	66.51	-7.49	74	53.32	27.46	15.61	29.88	100	211	P	V
		2483.6	52.68	-1.32	54	39.49	27.46	15.61	29.88	100	211	A	V
802.11n HT20 CH 12 2467MHz	*	2467	104.39	-	-	91.27	27.41	15.59	29.88	297	170	P	H
	*	2467	96.66	-	-	83.54	27.41	15.59	29.88	297	170	A	H
		2483.52	69	-5	74	55.81	27.46	15.61	29.88	297	170	P	H
		2483.76	49.67	-4.33	54	36.48	27.46	15.61	29.88	297	170	A	H
	*	2467	107.08	-	-	93.96	27.41	15.59	29.88	101	303	P	V
	*	2467	99.38	-	-	86.26	27.41	15.59	29.88	101	303	A	V
		2483.64	71.28	-2.72	74	58.09	27.46	15.61	29.88	101	303	P	V
		2483.56	52.07	-1.93	54	38.88	27.46	15.61	29.88	101	303	A	V
802.11n HT20 CH 13 2472MHz	*	2472	99.04	-	-	85.87	27.46	15.59	29.88	231	166	P	H
	*	2472	91.44	-	-	78.27	27.46	15.59	29.88	231	166	A	H
		2483.6	64.2	-9.8	74	51.01	27.46	15.61	29.88	231	166	P	H
		2483.6	49.63	-4.37	54	36.44	27.46	15.61	29.88	231	166	A	H
	*	2472	104.49	-	-	91.32	27.46	15.59	29.88	129	217	P	V
	*	2472	96.58	-	-	83.41	27.46	15.59	29.88	129	217	A	V
		2483.56	68.15	-5.85	74	54.96	27.46	15.61	29.88	129	217	P	V
		2483.56	52.99	-1.01	54	39.8	27.46	15.61	29.88	129	217	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 01 2412MHz		4824	44.42	-29.58	74	63.46	31.26	8.27	58.57	100	0	P	H
		4824	43.16	-30.84	74	62.2	31.26	8.27	58.57	100	0	P	V
802.11n HT20 CH 06 2437MHz		4874	48.32	-25.68	74	67.02	31.36	8.49	58.55	100	0	P	H
		7311	42.19	-31.81	74	54.16	36.18	10.68	58.83	100	0	P	H
		4874	46.17	-27.83	74	64.87	31.36	8.49	58.55	100	0	P	V
		7311	42.33	-31.67	74	54.3	36.18	10.68	58.83	100	0	P	V
802.11n HT20 CH 11 2462MHz		4924	45.27	-28.73	74	63.7	31.46	8.64	58.53	100	0	P	H
		7386	42.41	-31.59	74	54.09	36.37	10.67	58.72	100	0	P	H
		4924	43.51	-30.49	74	61.94	31.46	8.64	58.53	100	0	P	V
		7386	42.12	-31.88	74	53.8	36.37	10.67	58.72	100	0	P	V
802.11n HT20 CH 12 2467MHz		4934	42.39	-31.61	74	60.75	31.46	8.71	58.53	100	0	P	H
		7401	42.17	-31.83	74	53.79	36.41	10.67	58.7	100	0	P	H
		4934	41.24	-32.76	74	59.6	31.46	8.71	58.53	100	0	P	V
		7401	41.85	-32.15	74	53.47	36.41	10.67	58.7	100	0	P	V
802.11n HT20 CH 13 2472MHz		4944	37.99	-36.01	74	56.3	31.5	8.71	58.52	100	0	P	H
		7416	42.44	-31.56	74	54.03	36.41	10.7	58.7	100	0	P	H
		4944	37.77	-36.23	74	56.08	31.5	8.71	58.52	100	0	P	V
		7416	42.42	-31.58	74	54.01	36.41	10.7	58.7	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

2.4GHz WIFI 802.11g (LF)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
2.4GHz 802.11g LF		31.35	22.79	-17.21	40	30.38	23.96	0.79	32.34	-	-	P	H
		150.15	25.46	-18.04	43.5	39.03	17.16	1.55	32.28	-	-	P	H
		282.72	26.22	-19.78	46	37.43	18.89	2.05	32.15	-	-	P	H
		563.2	28.05	-17.95	46	31.49	25.89	2.88	32.21	-	-	P	H
		703.9	30.6	-15.4	46	32.97	26.62	3.17	32.16	-	-	P	H
		942.6	33.33	-12.67	46	30.5	30.24	3.71	31.12	100	0	P	H
		31.08	31.87	-8.13	40	39.46	23.96	0.79	32.34	100	0	P	V
		149.88	24.39	-19.11	43.5	37.96	17.16	1.55	32.28	-	-	P	V
		282.72	25.77	-20.23	46	36.98	18.89	2.05	32.15	-	-	P	V
		563.2	30.81	-15.19	46	34.25	25.89	2.88	32.21	-	-	P	V
		703.9	31.53	-14.47	46	33.9	26.62	3.17	32.16	-	-	P	V
		938.4	34.87	-11.13	46	32.32	30.01	3.7	31.16	-	-	P	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.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2388.015	55.19	-18.81	74	42.37	27.23	15.49	29.9	101	231	P	H
		2387.07	46.11	-7.89	54	33.29	27.23	15.49	29.9	101	231	A	H
	*	2412	113.21	-	-	100.29	27.28	15.53	29.89	101	231	P	H
	*	2412	110.27	-	-	97.35	27.28	15.53	29.89	101	231	A	H
		2387.175	56.91	-17.09	74	44.09	27.23	15.49	29.9	206	266	P	V
		2387.175	47.35	-6.65	54	34.53	27.23	15.49	29.9	206	266	A	V
	*	2412	115.83	-	-	102.91	27.28	15.53	29.89	206	266	P	V
	*	2412	112.9	-	-	99.98	27.28	15.53	29.89	206	266	A	V
802.11b CH 06 2437MHz		2361.8	53.21	-20.79	74	40.51	27.14	15.47	29.91	116	264	P	H
		2386.02	42.84	-11.16	54	30.02	27.23	15.49	29.9	116	264	A	H
	*	2437	111.96	-	-	98.93	27.37	15.55	29.89	116	264	P	H
	*	2437	108.75	-	-	95.72	27.37	15.55	29.89	116	264	A	H
		2485.37	54.32	-19.68	74	41.13	27.46	15.61	29.88	116	264	P	H
		2488.24	43.48	-10.52	54	30.25	27.5	15.61	29.88	116	264	A	H
		2355.22	55.21	-18.79	74	42.53	27.14	15.45	29.91	101	249	P	V
		2387	43.08	-10.92	54	30.26	27.23	15.49	29.9	101	249	A	V
	*	2437	114.5	-	-	101.47	27.37	15.55	29.89	101	249	P	V
	*	2437	111.19	-	-	98.16	27.37	15.55	29.89	101	249	A	V
		2486.07	55	-19	74	41.81	27.46	15.61	29.88	101	249	P	V
		2488.1	43.7	-10.3	54	30.47	27.5	15.61	29.88	101	249	A	V

802.11b CH 11 2462MHz	*	2462	112.13	-	-	99.03	27.41	15.57	29.88	101	224	P	H
	*	2462	109.17	-	-	96.07	27.41	15.57	29.88	101	224	A	H
		2484.12	55.81	-18.19	74	42.62	27.46	15.61	29.88	101	224	P	H
		2487.32	45.01	-8.99	54	31.82	27.46	15.61	29.88	101	224	A	H
	*	2462	114.36	-	-	101.26	27.41	15.57	29.88	141	223	P	V
	*	2462	111.23	-	-	98.13	27.41	15.57	29.88	141	223	A	V
		2487.6	55.51	-18.49	74	42.28	27.5	15.61	29.88	141	223	P	V
		2483.52	45.73	-8.27	54	32.54	27.46	15.61	29.88	141	223	A	V
802.11b CH 12 2467MHz	*	2467	109.35	-	-	96.23	27.41	15.59	29.88	102	305	P	H
	*	2467	106.37	-	-	93.25	27.41	15.59	29.88	102	305	A	H
		2483.88	58.81	-15.19	74	45.62	27.46	15.61	29.88	102	305	P	H
		2484.04	51.62	-2.38	54	38.43	27.46	15.61	29.88	102	305	A	H
	*	2467	112.53	-	-	99.41	27.41	15.59	29.88	264	228	P	V
	*	2467	109.49	-	-	96.37	27.41	15.59	29.88	264	228	A	V
		2484.2	59.47	-14.53	74	46.28	27.46	15.61	29.88	264	228	P	V
		2483.96	52.47	-1.53	54	39.28	27.46	15.61	29.88	264	228	A	V
802.11b CH 13 2472MHz	*	2472	108.52	-	-	95.35	27.46	15.59	29.88	104	236	P	H
	*	2472	105.42	-	-	92.25	27.46	15.59	29.88	104	236	A	H
		2487.4	59.01	-14.99	74	45.82	27.46	15.61	29.88	104	236	P	H
		2487.32	53.12	-0.88	54	39.93	27.46	15.61	29.88	104	236	A	H
	*	2472	110.92	-	-	97.75	27.46	15.59	29.88	266	265	P	V
	*	2472	107.97	-	-	94.8	27.46	15.59	29.88	266	265	A	V
		2484.48	58.78	-15.22	74	45.59	27.46	15.61	29.88	266	265	P	V
		2484.76	51.1	-2.9	54	37.91	27.46	15.61	29.88	266	265	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 802.11b (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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	54.14	-19.86	74	73.18	31.26	8.27	58.57	400	159	P	H
		4824	52.3	-1.7	54	71.34	31.26	8.27	58.57	400	159	A	H
		4824	55.73	-18.27	74	74.77	31.26	8.27	58.57	100	210	P	V
		4824	52.91	-1.09	54	71.95	31.26	8.27	58.57	100	210	A	V
802.11b CH 06 2437MHz		4874	47.16	-26.84	74	65.86	31.36	8.49	58.55	100	0	P	H
		7311	54.69	-19.31	74	66.66	36.18	10.68	58.83	248	323	P	H
		7311	50.89	-3.11	54	62.86	36.18	10.68	58.83	248	323	A	H
		4874	47.25	-26.75	74	65.95	31.36	8.49	58.55	100	0	P	V
		7311	54.17	-19.83	74	66.14	36.18	10.68	58.83	348	247	P	V
		7311	50.15	-3.85	54	62.12	36.18	10.68	58.83	348	247	A	V
802.11b CH 11 2462MHz		4924	40.71	-33.29	74	59.14	31.46	8.64	58.53	100	0	P	H
		7386	54.84	-19.16	74	66.52	36.37	10.67	58.72	238	323	P	H
		7386	50.75	-3.25	54	62.43	36.37	10.67	58.72	238	323	A	H
		4924	40.11	-33.89	74	58.54	31.46	8.64	58.53	100	0	P	V
		7386	56.07	-17.93	74	67.75	36.37	10.67	58.72	287	294	P	V
		7386	52.5	-1.5	54	64.18	36.37	10.67	58.72	287	294	A	V
802.11b CH 12 2467MHz		4934	40.12	-33.88	74	58.48	31.46	8.71	58.53	100	0	P	H
		7401	53.63	-20.37	74	65.25	36.41	10.67	58.7	248	320	P	H
		7401	49.51	-4.49	54	61.13	36.41	10.67	58.7	248	320	A	H
		4934	39.29	-34.71	74	57.65	31.46	8.71	58.53	100	0	P	V
		7401	53.66	-20.34	74	65.28	36.41	10.67	58.7	220	261	P	V
		7401	49.63	-4.37	54	61.25	36.41	10.67	58.7	220	261	A	V
802.11b CH 13 2472MHz		4944	40.13	-33.87	74	58.44	31.5	8.71	58.52	100	0	P	H
		7416	48.48	-25.52	74	60.07	36.41	10.7	58.7	100	0	P	H
		4944	39.87	-34.13	74	58.18	31.5	8.71	58.52	100	0	P	V
		7416	48.01	-25.99	74	59.6	36.41	10.7	58.7	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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		2390	61.03	-12.97	74	48.2	27.23	15.49	29.89	107	276	P	H
		2390	50	-4	54	37.17	27.23	15.49	29.89	107	276	A	H
	*	2412	109.36	-	-	96.44	27.28	15.53	29.89	107	276	P	H
	*	2412	101.96	-	-	89.04	27.28	15.53	29.89	107	276	A	H
		2390	64.23	-9.77	74	51.4	27.23	15.49	29.89	231	259	P	V
		2390	53.13	-0.87	54	40.3	27.23	15.49	29.89	231	259	A	V
	*	2412	113.71	-	-	100.79	27.28	15.53	29.89	231	259	P	V
	*	2412	106.75	-	-	93.83	27.28	15.53	29.89	231	259	A	V
802.11g CH 06 2437MHz		2366	54.33	-19.67	74	41.62	27.14	15.47	29.9	129	306	P	H
		2389.52	44.44	-9.56	54	31.62	27.23	15.49	29.9	129	306	A	H
	*	2437	114.37	-	-	101.34	27.37	15.55	29.89	129	306	P	H
	*	2437	107.06	-	-	94.03	27.37	15.55	29.89	129	306	A	H
		2485.72	56.89	-17.11	74	43.7	27.46	15.61	29.88	129	306	P	H
		2484.6	46.26	-7.74	54	33.07	27.46	15.61	29.88	129	306	A	H
		2387.84	56.15	-17.85	74	43.33	27.23	15.49	29.9	164	258	P	V
		2389.24	45.02	-8.98	54	32.2	27.23	15.49	29.9	164	258	A	V
	*	2437	117.31	-	-	104.28	27.37	15.55	29.89	164	258	P	V
	*	2437	110.16	-	-	97.13	27.37	15.55	29.89	164	258	A	V
		2483.55	59.48	-14.52	74	46.29	27.46	15.61	29.88	164	258	P	V
		2483.5	46.62	-7.38	54	33.43	27.46	15.61	29.88	163	258	A	V

802.11g CH 11 2462MHz	*	2462	110.15	-	-	97.05	27.41	15.57	29.88	102	310	P	H
	*	2462	103.06	-	-	89.96	27.41	15.57	29.88	102	310	A	H
		2484.88	61.69	-12.31	74	48.5	27.46	15.61	29.88	102	310	P	H
		2483.56	48.96	-5.04	54	35.77	27.46	15.61	29.88	102	310	A	H
	*	2462	113.26	-	-	100.16	27.41	15.57	29.88	251	255	P	V
	*	2462	105.89	-	-	92.79	27.41	15.57	29.88	251	255	A	V
		2483.68	65.37	-8.63	74	52.18	27.46	15.61	29.88	251	255	P	V
		2483.64	52.78	-1.22	54	39.59	27.46	15.61	29.88	251	255	A	V
802.11g CH 12 2467MHz	*	2467	106.51	-	-	93.39	27.41	15.59	29.88	104	310	P	H
	*	2467	99.57	-	-	86.45	27.41	15.59	29.88	104	310	A	H
		2485.52	62.95	-11.05	74	49.76	27.46	15.61	29.88	104	310	P	H
		2483.52	49.56	-4.44	54	36.37	27.46	15.61	29.88	104	310	A	H
	*	2467	109.21	-	-	96.09	27.41	15.59	29.88	275	254	P	V
	*	2467	101.89	-	-	88.77	27.41	15.59	29.88	275	254	A	V
		2483.72	66.91	-7.09	74	53.72	27.46	15.61	29.88	275	254	P	V
		2483.52	52.27	-1.73	54	39.08	27.46	15.61	29.88	275	254	A	V
802.11g CH 13 2472MHz	*	2472	104.85	-	-	91.68	27.46	15.59	29.88	106	310	P	H
	*	2472	97.63	-	-	84.46	27.46	15.59	29.88	106	310	A	H
		2486.48	60.92	-13.08	74	47.73	27.46	15.61	29.88	106	310	P	H
		2483.52	50.54	-3.46	54	37.35	27.46	15.61	29.88	106	310	A	H
	*	2472	106.73	-	-	93.56	27.46	15.59	29.88	277	254	P	V
	*	2472	99.46	-	-	86.29	27.46	15.59	29.88	277	254	A	V
		2484.16	64.66	-9.34	74	51.47	27.46	15.61	29.88	277	254	P	V
		2484.16	52.53	-1.47	54	39.34	27.46	15.61	29.88	277	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 802.11g (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	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	54.34	-19.66	74	73.38	31.26	8.27	58.57	383	158	P	H
		4824	44.16	-9.84	54	63.2	31.26	8.27	58.57	383	158	A	H
		4824	52.12	-21.88	74	71.16	31.26	8.27	58.57	103	210	P	V
		4824	42.42	-11.58	54	61.46	31.26	8.27	58.57	103	210	A	V
802.11g CH 06 2437MHz		4874	56.88	-17.12	74	75.58	31.36	8.49	58.55	379	162	P	H
		4874	47.42	-6.58	54	66.12	31.36	8.49	58.55	379	162	A	H
		7311	63.79	-10.21	74	75.76	36.18	10.68	58.83	208	322	P	H
		7311	52.35	-1.65	54	64.32	36.18	10.68	58.83	208	322	A	H
		4874	56	-18	74	74.7	31.36	8.49	58.55	319	84	P	V
		4874	46.22	-7.78	54	64.92	31.36	8.49	58.55	319	84	A	V
		7311	64.17	-9.83	74	76.14	36.18	10.68	58.83	102	304	P	V
		7311	52.41	-1.59	54	64.38	36.18	10.68	58.83	102	304	A	V
802.11g CH 11 2462MHz		4924	49.99	-24.01	74	68.42	31.46	8.64	58.53	100	0	P	H
		7386	49.17	-24.83	74	60.85	36.37	10.67	58.72	100	0	P	H
		4924	47.81	-26.19	74	66.24	31.46	8.64	58.53	100	0	P	V
		7386	48.73	-25.27	74	60.41	36.37	10.67	58.72	100	0	P	V
802.11g CH 12 2467MHz		4934	42.5	-31.5	74	60.86	31.46	8.71	58.53	100	0	P	H
		7401	43.94	-30.06	74	55.56	36.41	10.67	58.7	100	0	P	H
		4934	41.97	-32.03	74	60.33	31.46	8.71	58.53	100	0	P	V
		7401	43.23	-30.77	74	54.85	36.41	10.67	58.7	100	0	P	V
802.11g CH 13 2472MHz		4944	40.93	-33.07	74	59.24	31.5	8.71	58.52	100	0	P	H
		7416	41.81	-32.19	74	53.4	36.41	10.7	58.7	100	0	P	H
		4944	40.02	-33.98	74	58.33	31.5	8.71	58.52	100	0	P	V
		7416	41.97	-32.03	74	53.56	36.41	10.7	58.7	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBµV/m)	Over Limit (dB)	Limit Line (dBµV/m)	Read Level (dBµV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 01 2412MHz		2388.54	59.29	-14.71	74	46.47	27.23	15.49	29.9	110	309	P	H
		2388.54	47.37	-6.63	54	34.55	27.23	15.49	29.9	110	309	A	H
	*	2412	107.04	-	-	94.12	27.28	15.53	29.89	110	309	P	H
	*	2412	100.14	-	-	87.22	27.28	15.53	29.89	110	309	A	H
		2389.8	67.22	-6.78	74	54.39	27.23	15.49	29.89	265	260	P	V
		2389.695	51.05	-2.95	54	38.23	27.23	15.49	29.9	265	260	A	V
	*	2412	110.81	-	-	97.89	27.28	15.53	29.89	265	260	P	V
	*	2412	103.93	-	-	91.01	27.28	15.53	29.89	265	260	A	V
802.11n HT20 CH 06 2437MHz		2389.1	53.71	-20.29	74	40.89	27.23	15.49	29.9	105	240	P	H
		2383.5	43.79	-10.21	54	31.01	27.19	15.49	29.9	105	240	A	H
	*	2437	111.83	-	-	98.8	27.37	15.55	29.89	105	240	P	H
	*	2437	105.03	-	-	92	27.37	15.55	29.89	105	240	A	H
		2488.52	56.83	-17.17	74	43.6	27.5	15.61	29.88	105	240	P	H
		2483.5	45.46	-8.54	54	32.27	27.46	15.61	29.88	105	240	A	H
		2387.7	57.21	-16.79	74	44.39	27.23	15.49	29.9	280	262	P	V
		2389.8	45.15	-8.85	54	32.32	27.23	15.49	29.89	280	262	A	V
	*	2437	115.15	-	-	102.12	27.37	15.55	29.89	280	262	P	V
	*	2437	108.32	-	-	95.29	27.37	15.55	29.89	280	262	A	V
		2484.95	59.43	-14.57	74	46.24	27.46	15.61	29.88	280	262	P	V
		2484.88	46.06	-7.94	54	32.87	27.46	15.61	29.88	280	262	A	V

802.11n HT20 CH 11 2462MHz	*	2462	108.01	-	-	94.91	27.41	15.57	29.88	107	273	P	H
	*	2462	101.26	-	-	88.16	27.41	15.57	29.88	107	273	A	H
		2483.56	63.42	-10.58	74	50.23	27.46	15.61	29.88	107	273	P	H
		2483.52	51	-3	54	37.81	27.46	15.61	29.88	107	273	A	H
	*	2462	110.72	-	-	97.62	27.41	15.57	29.88	267	257	P	V
	*	2462	104.15	-	-	91.05	27.41	15.57	29.88	267	257	A	V
		2484.84	65.47	-8.53	74	52.28	27.46	15.61	29.88	267	257	P	V
		2483.52	51.64	-2.36	54	38.45	27.46	15.61	29.88	267	257	A	V
802.11n HT20 CH 12 2467MHz	*	2467	105.09	-	-	91.97	27.41	15.59	29.88	105	273	P	H
	*	2467	98.14	-	-	85.02	27.41	15.59	29.88	105	273	A	H
		2484.52	66.91	-7.09	74	53.72	27.46	15.61	29.88	105	273	P	H
		2483.52	51.2	-2.8	54	38.01	27.46	15.61	29.88	105	273	A	H
	*	2467	107.45	-	-	94.33	27.41	15.59	29.88	277	257	P	V
	*	2467	101.03	-	-	87.91	27.41	15.59	29.88	277	257	A	V
		2485.04	68.16	-5.84	74	54.97	27.46	15.61	29.88	277	257	P	V
		2483.52	53.08	-0.92	54	39.89	27.46	15.61	29.88	277	257	A	V
802.11n HT20 CH 13 2472MHz	*	2472	102.99	-	-	89.82	27.46	15.59	29.88	104	271	P	H
	*	2472	95.73	-	-	82.56	27.46	15.59	29.88	104	271	A	H
		2484.92	64.58	-9.42	74	51.39	27.46	15.61	29.88	104	271	P	H
		2483.52	50.54	-3.46	54	37.35	27.46	15.61	29.88	104	271	A	H
	*	2472	105.18	-	-	92.01	27.46	15.59	29.88	278	256	P	V
	*	2472	98.3	-	-	85.13	27.46	15.59	29.88	278	256	A	V
		2485.12	66	-8	74	52.81	27.46	15.61	29.88	278	256	P	V
		2483.56	52.53	-1.47	54	39.34	27.46	15.61	29.88	278	256	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 01 2412MHz		4824	47.73	-26.27	74	66.77	31.26	8.27	58.57	100	0	P	H
		4824	45.39	-28.61	74	64.43	31.26	8.27	58.57	100	0	P	V
802.11n HT20 CH 06 2437MHz		4874	56.09	-17.91	74	74.79	31.36	8.49	58.55	378	161	P	H
		4874	45.84	-8.16	54	64.54	31.36	8.49	58.55	378	161	A	H
		7311	64.08	-9.92	74	76.05	36.18	10.68	58.83	224	322	P	H
		7311	51.07	-2.93	54	63.04	36.18	10.68	58.83	224	322	A	H
		4874	54.05	-19.95	74	72.75	31.36	8.49	58.55	319	82	P	V
		4874	44.03	-9.97	54	62.73	31.36	8.49	58.55	319	82	A	V
		7311	63.33	-10.67	74	75.3	36.18	10.68	58.83	102	304	P	V
		7311	50.29	-3.71	54	62.26	36.18	10.68	58.83	102	304	A	V
802.11n HT20 CH 11 2462MHz		4924	47.27	-26.73	74	65.7	31.46	8.64	58.53	100	0	P	H
		7386	49.58	-24.42	74	61.26	36.37	10.67	58.72	100	0	P	H
		4924	45.57	-28.43	74	64	31.46	8.64	58.53	100	0	P	V
		7386	48.33	-25.67	74	60.01	36.37	10.67	58.72	100	0	P	V
802.11n HT20 CH 12 2467MHz		4934	42.24	-31.76	74	60.6	31.46	8.71	58.53	100	0	P	H
		7401	44.29	-29.71	74	55.91	36.41	10.67	58.7	100	0	P	H
		4934	43.87	-30.13	74	62.23	31.46	8.71	58.53	100	0	P	V
		7401	42.8	-31.2	74	54.42	36.41	10.67	58.7	100	0	P	V
802.11n HT20 CH 13 2472MHz		4944	40.26	-33.74	74	58.57	31.5	8.71	58.52	100	0	P	H
		7416	42.15	-31.85	74	53.74	36.41	10.7	58.7	100	0	P	H
		4944	38.71	-35.29	74	57.02	31.5	8.71	58.52	100	0	P	V
		7416	41.87	-32.13	74	53.46	36.41	10.7	58.7	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

2.4GHz WIFI 802.11g (LF)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
2.4GHz 802.11g LF		31.08	22.95	-17.05	40	30.54	23.96	0.79	32.34	-	-	P	H
		150.15	26.17	-17.33	43.5	39.74	17.16	1.55	32.28	-	-	P	H
		282.72	25.26	-20.74	46	36.47	18.89	2.05	32.15	-	-	P	H
		703.9	31.61	-14.39	46	33.98	26.62	3.17	32.16	-	-	P	H
		862.1	32.47	-13.53	46	31.54	29.11	3.51	31.69	-	-	P	H
		953.1	34.15	-11.85	46	30.66	30.81	3.71	31.03	100	0	P	H
		31.35	32.37	-7.63	40	39.96	23.96	0.79	32.34	100	0	P	V
		38.37	28.75	-11.25	40	40.05	20.22	0.81	32.33	-	-	P	V
		77.79	25.28	-14.72	40	42.9	13.4	1.28	32.3	-	-	P	V
		703.9	29.29	-16.71	46	31.66	26.62	3.17	32.16	-	-	P	V
		827.1	30.88	-15.12	46	30.92	28.37	3.45	31.86	-	-	P	V
		938.4	36.42	-9.58	46	33.87	30.01	3.7	31.16	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												

Note symbol

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

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

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

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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

Appendix D. Radiated Spurious Emission Plots

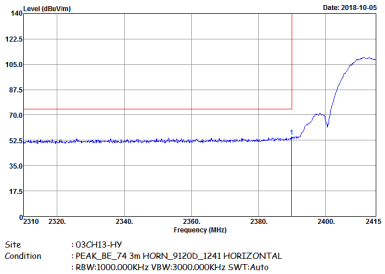
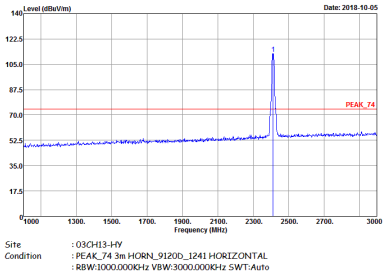
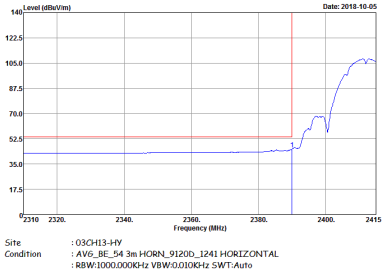
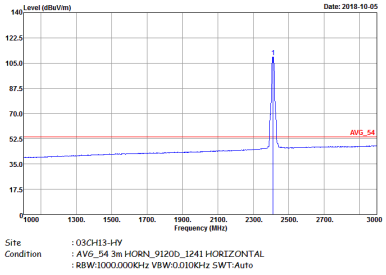
Test Engineer :	Alex Jheng, Fu Chen, and Wilson Wu	**Temperature :**	24~25°C
		Relative Humidity :	50~52%

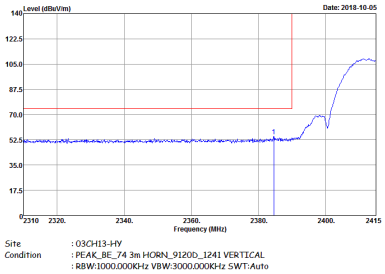
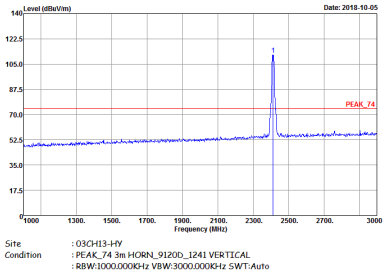
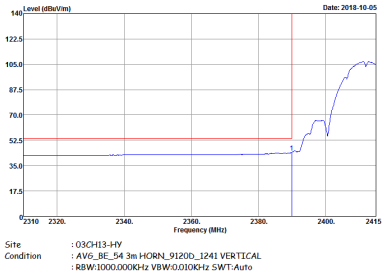
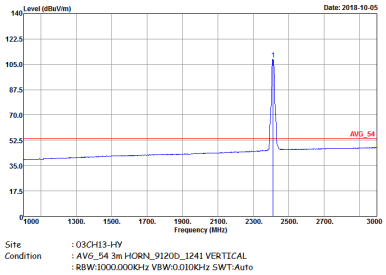
Note symbol

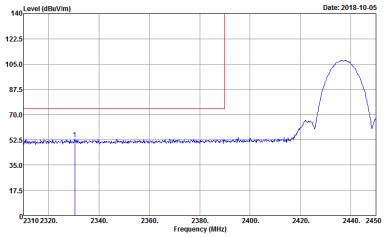
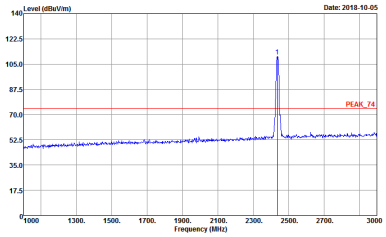
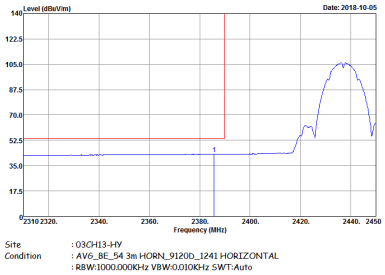
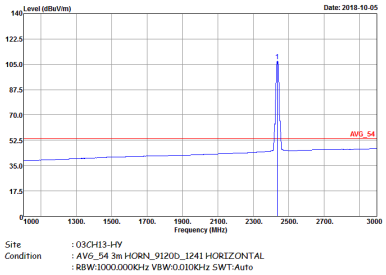
-L	**Low channel location**
-R	**High channel location**

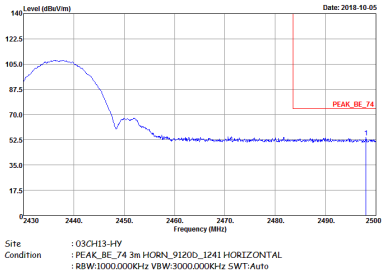
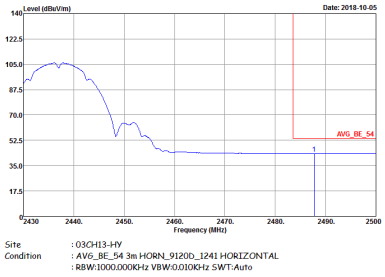
2.4GHz 2400~2483.5MHz

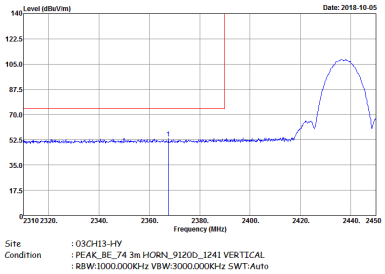
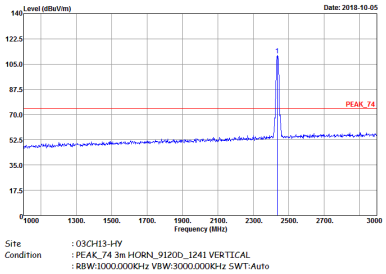
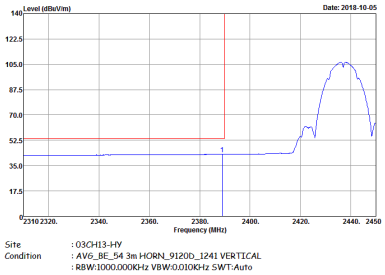
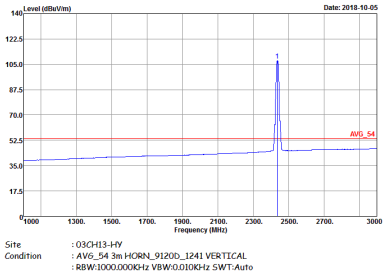
WIFI 802.11b (Band Edge @ 3m)

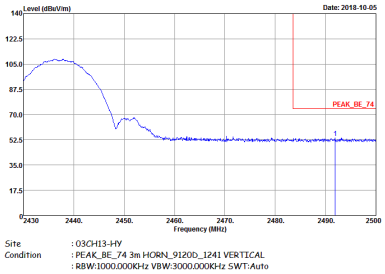
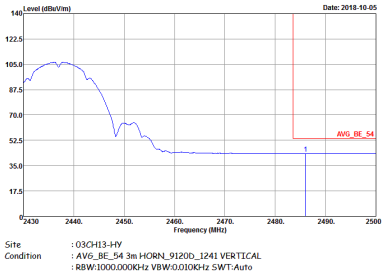
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

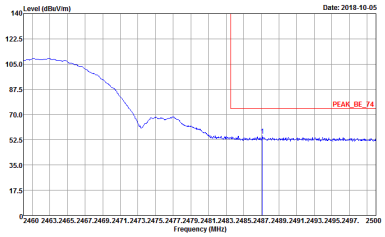
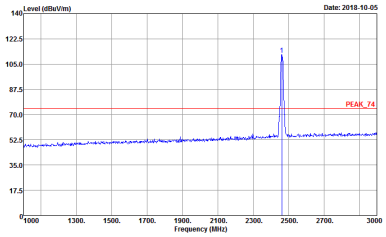
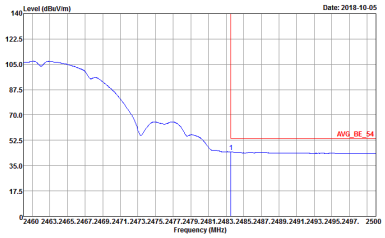
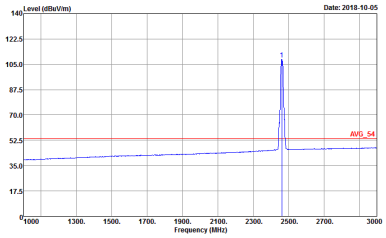
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
1	Vertical	Fundamental
Peak		
Avg.		

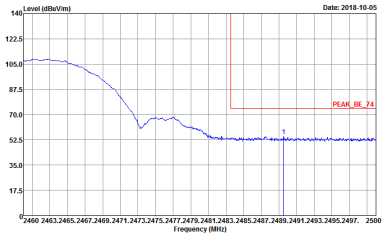
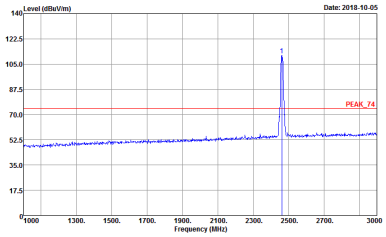
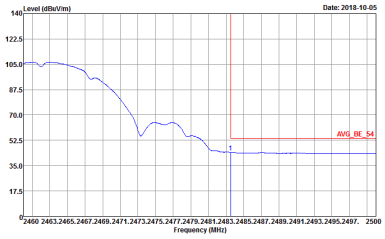
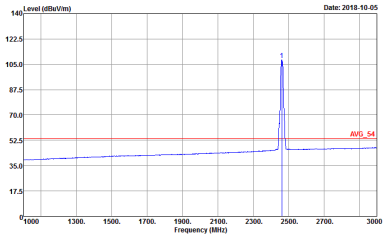
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

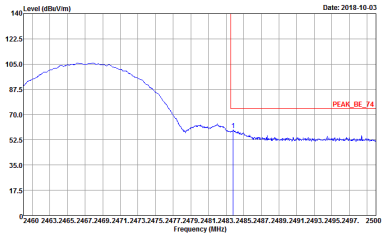
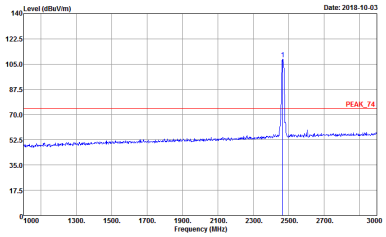
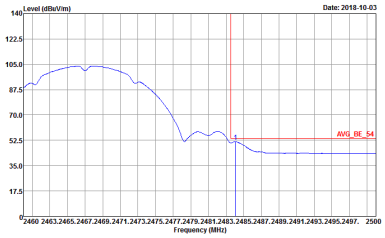
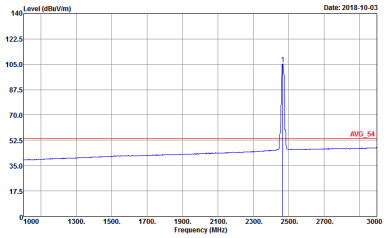
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

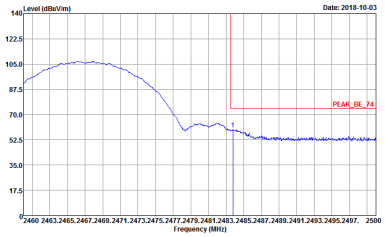
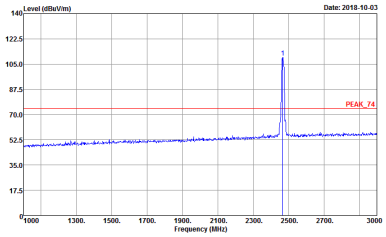
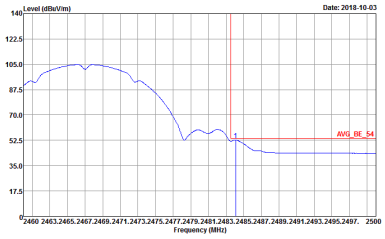
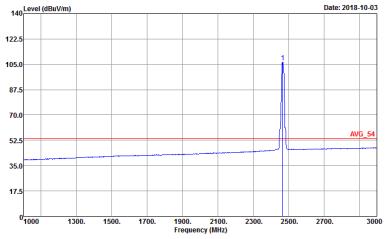
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

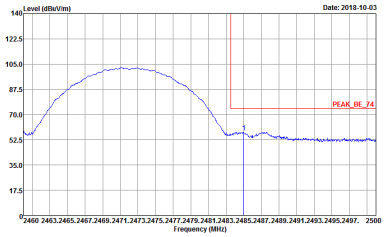
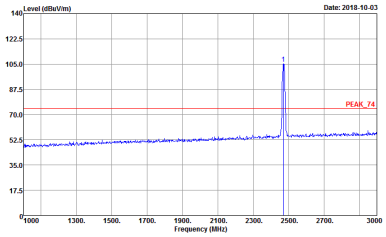
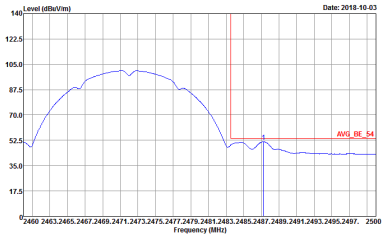
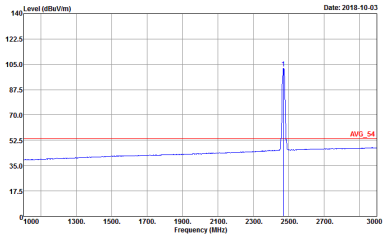
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
1	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

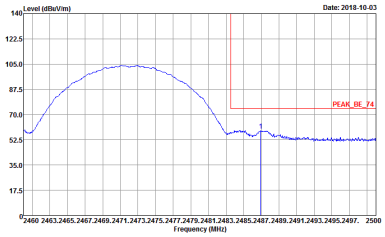
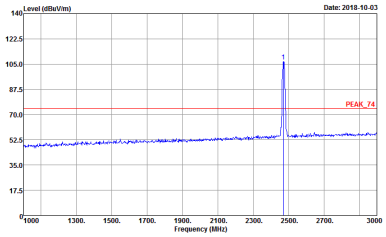
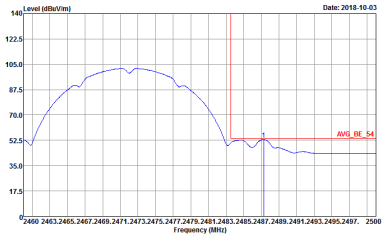
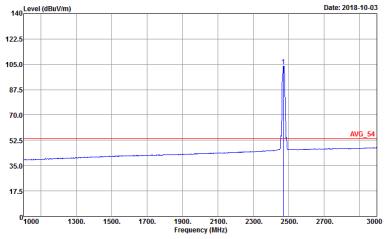
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
1	Vertical	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

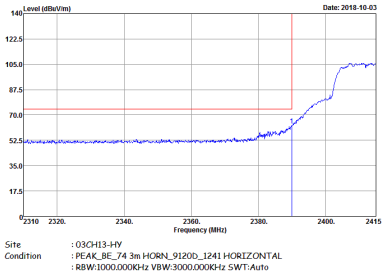
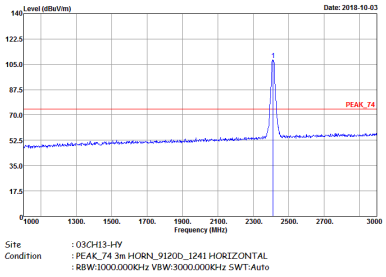
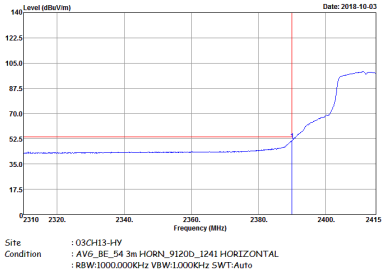
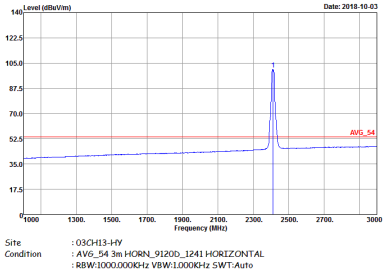
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
1	Vertical	Fundamental
Peak		
Avg.		

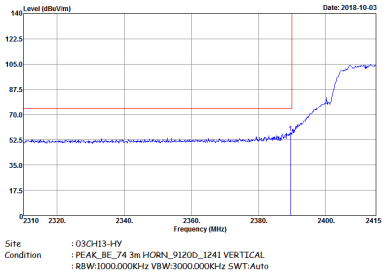
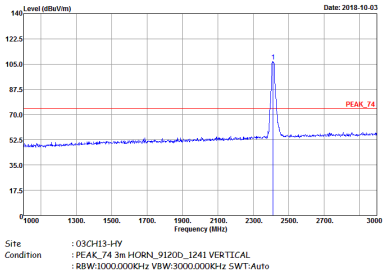
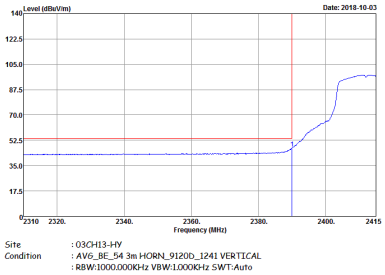
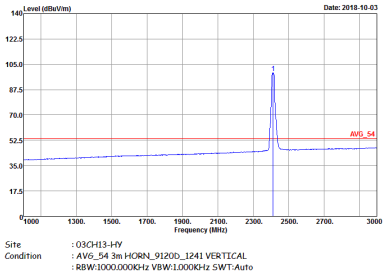
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

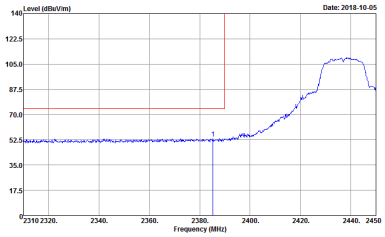
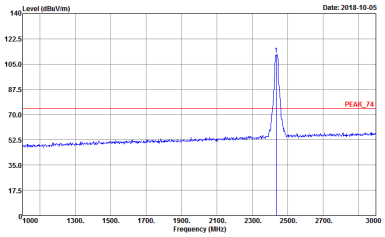
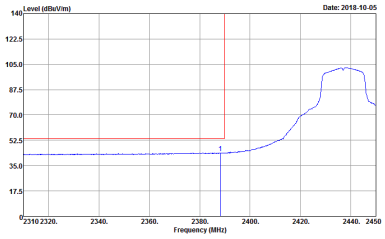
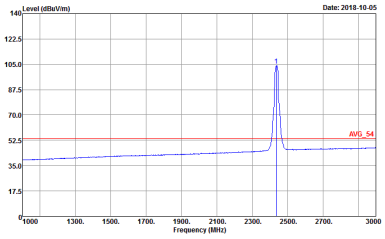
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
1	Vertical	Fundamental
Peak		
Avg.		

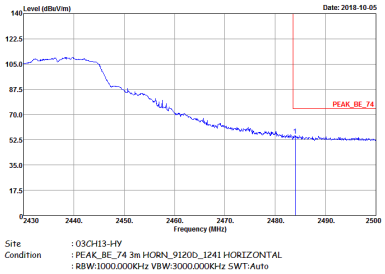
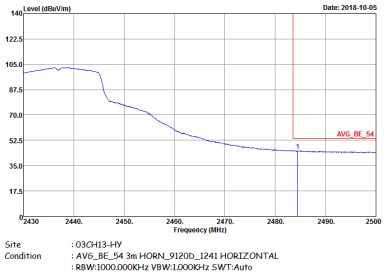
2.4GHz 2400~2483.5MHz

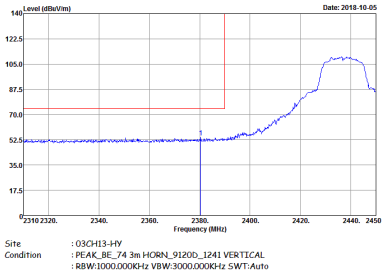
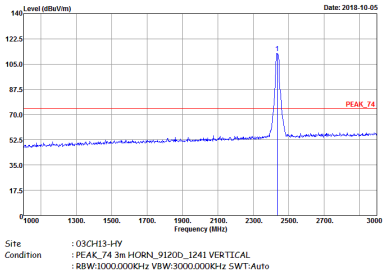
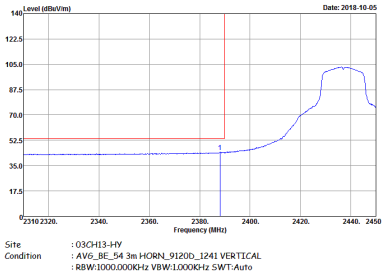
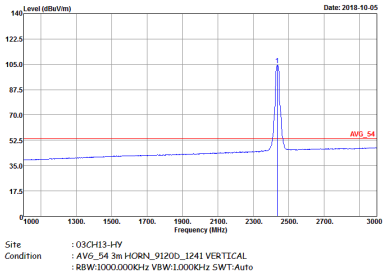
WIFI 802.11g (Band Edge @ 3m)

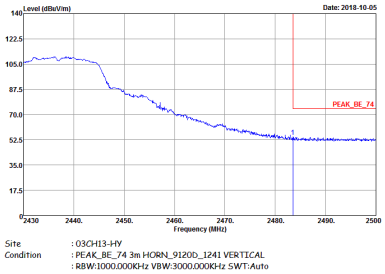
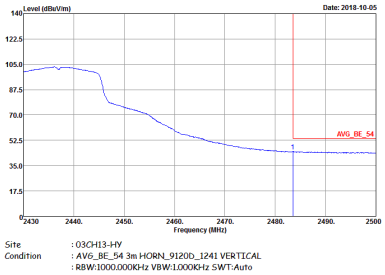
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

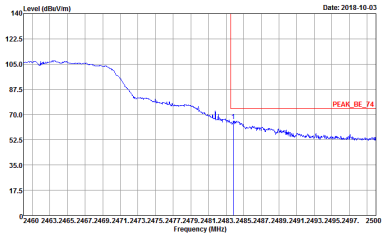
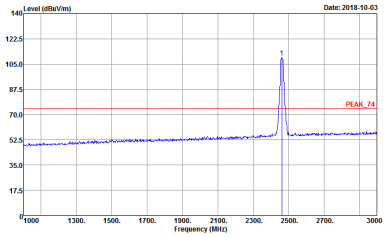
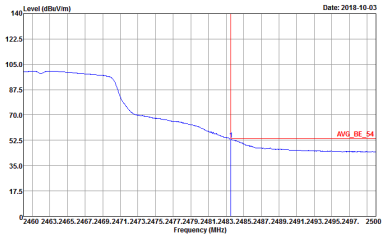
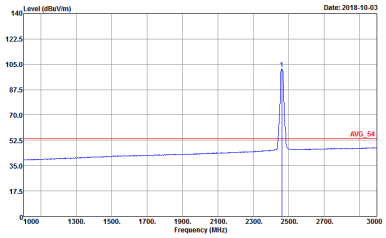
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
1	Vertical	Fundamental
Peak		
Avg.		

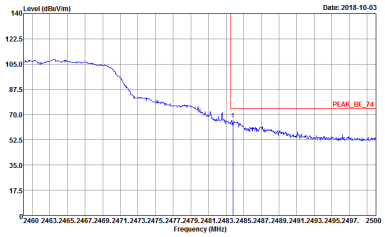
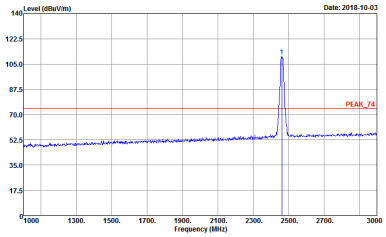
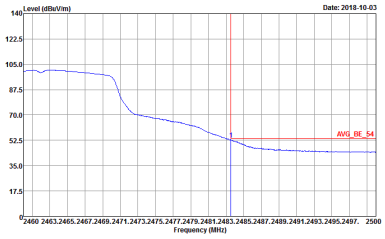
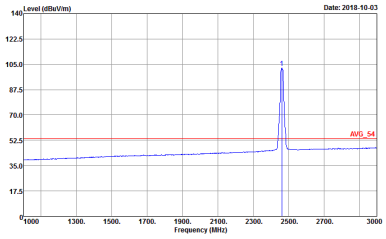
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

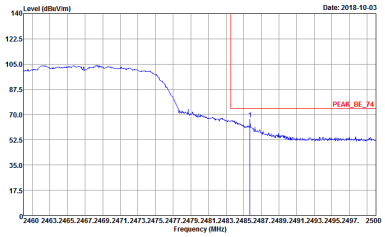
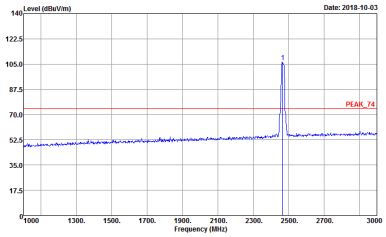
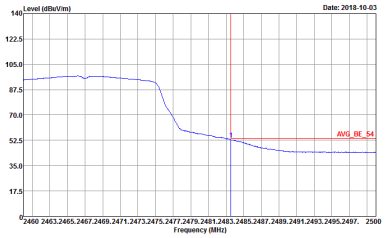
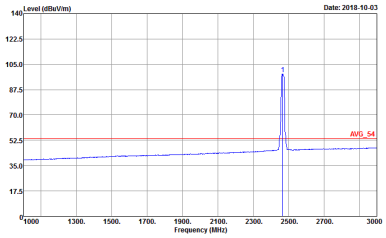
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

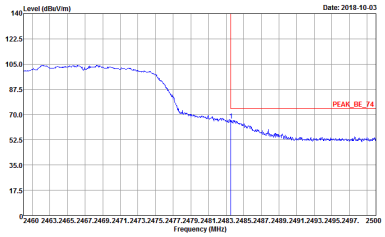
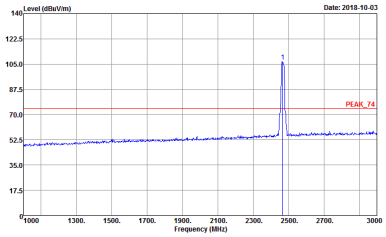
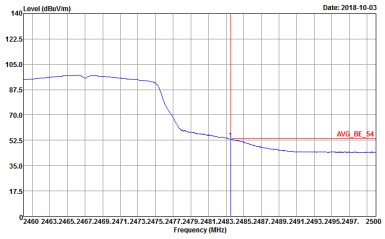
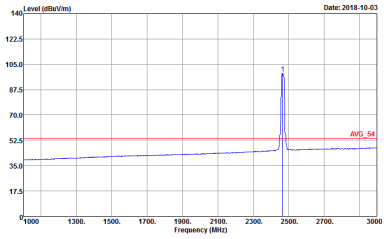
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

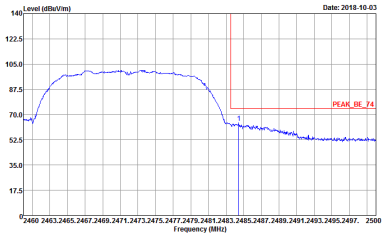
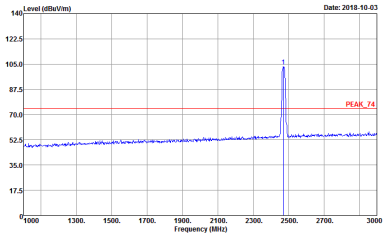
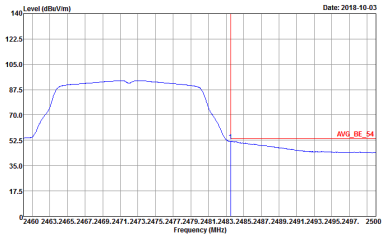
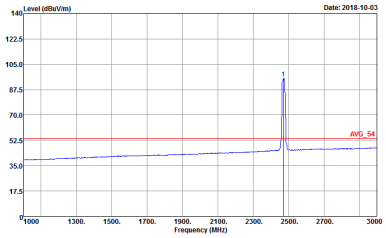
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
1	Vertical	Fundamental
Peak		Left Blank
Avg.		Left Blank

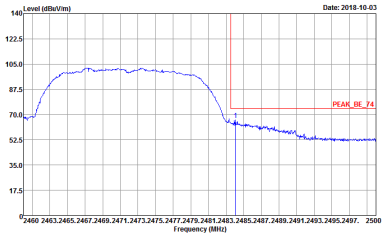
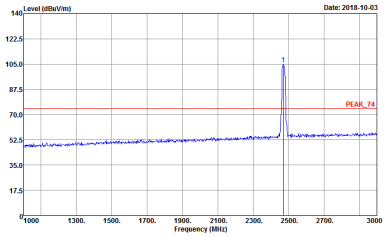
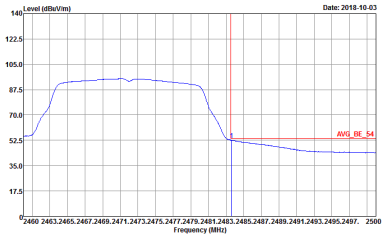
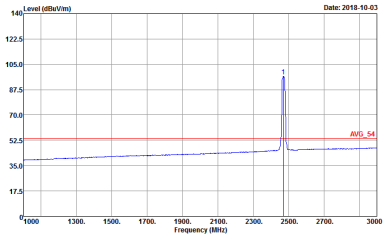
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Vertical	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH12 2467MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

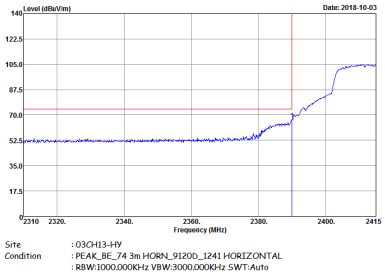
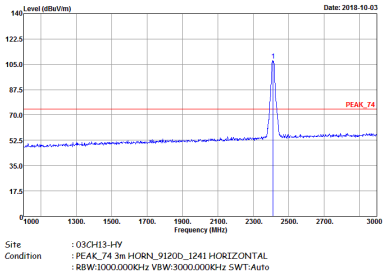
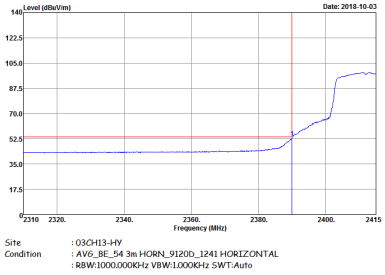
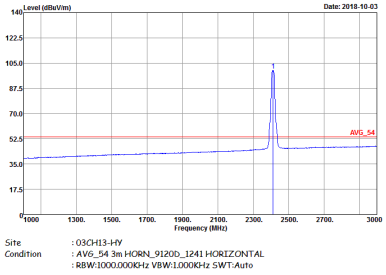
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH12 2467MHz	
1	Vertical	Fundamental
Peak		
Avg.		

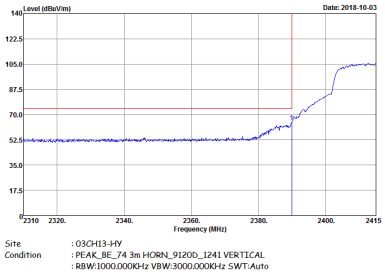
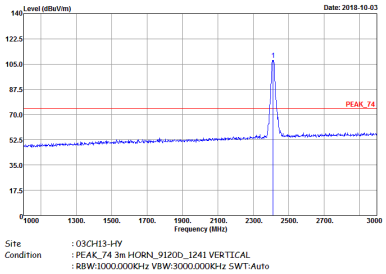
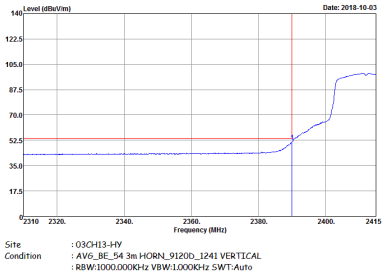
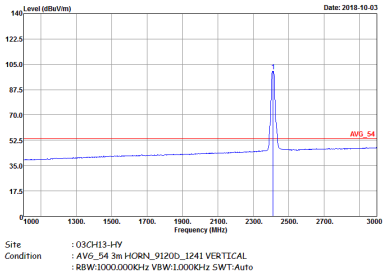
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

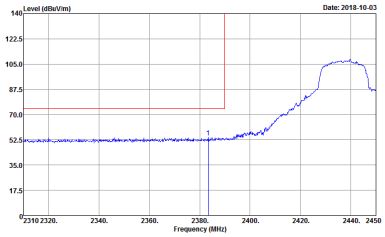
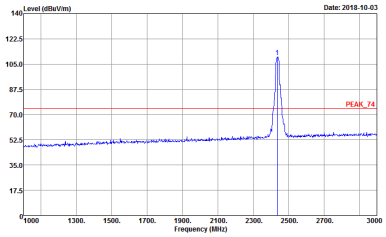
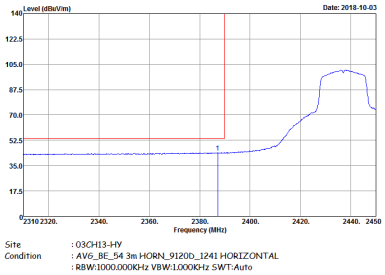
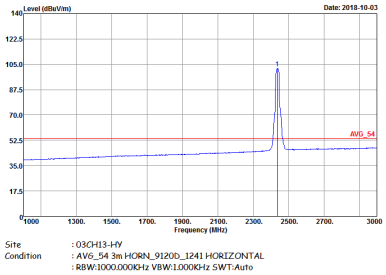
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH13 2472MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

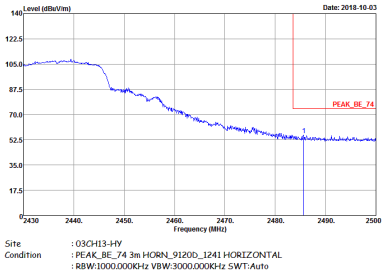
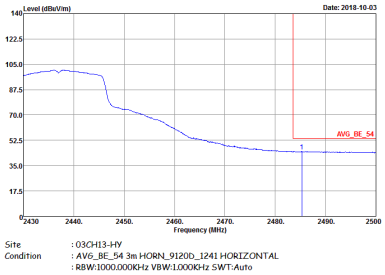
2.4GHz 2400~2483.5MHz

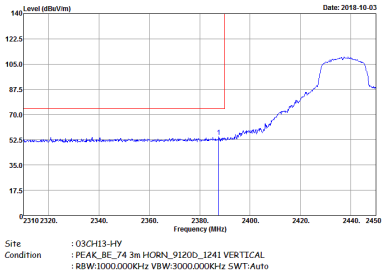
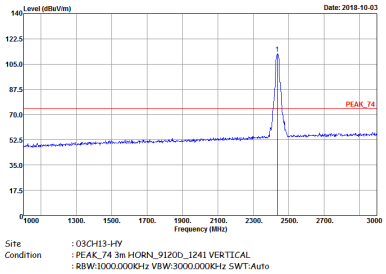
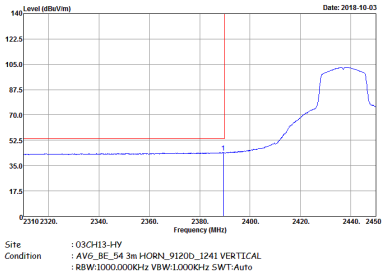
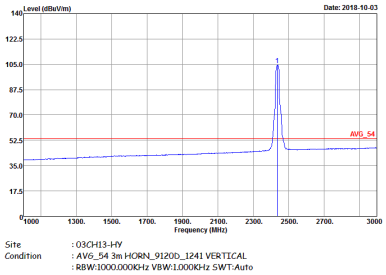
WIFI 802.11n HT20 (Band Edge @ 3m)

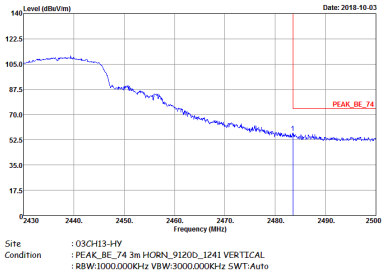
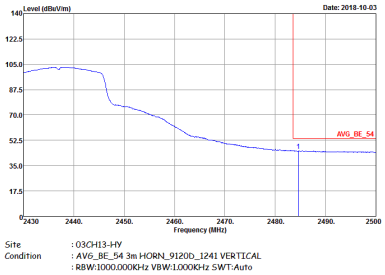
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Horizontal	Fundamental
Peak		
Avg.		

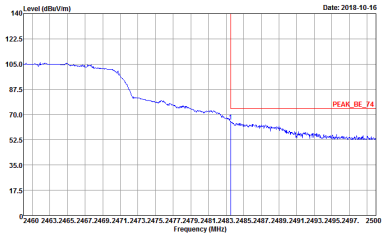
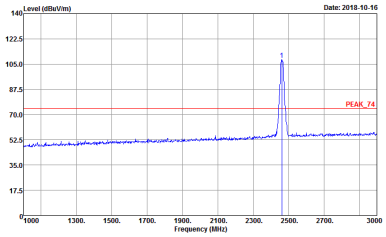
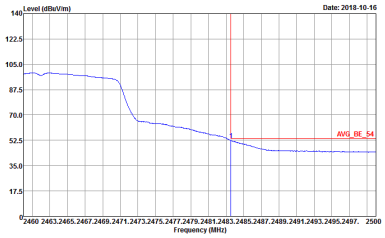
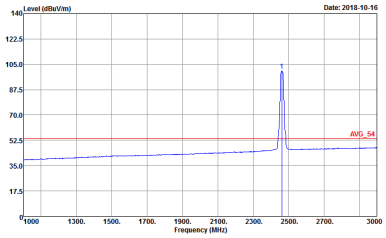
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Vertical	Fundamental
Peak		
Avg.		

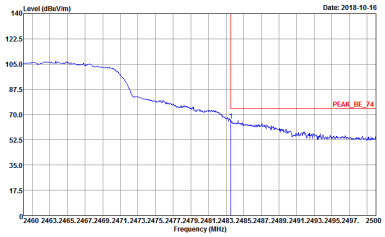
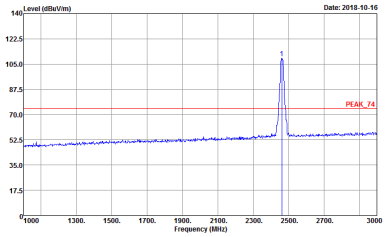
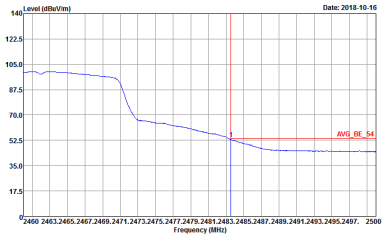
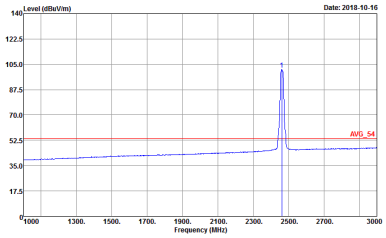
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1	Horizontal	Fundamental
Peak		
Avg.		

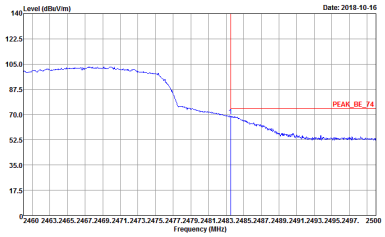
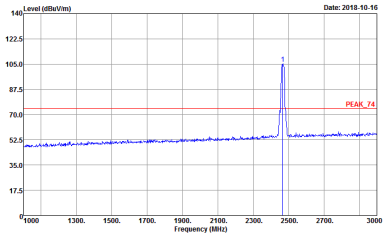
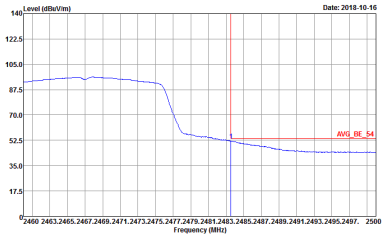
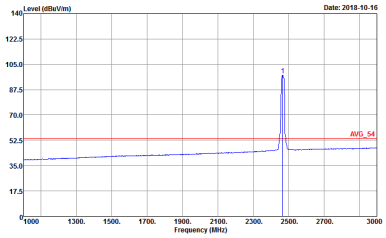
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

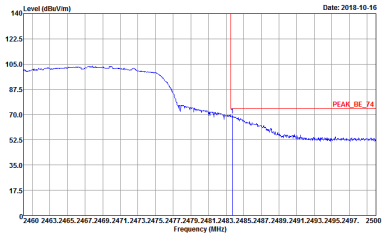
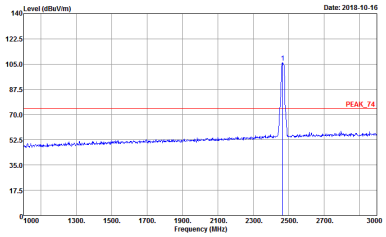
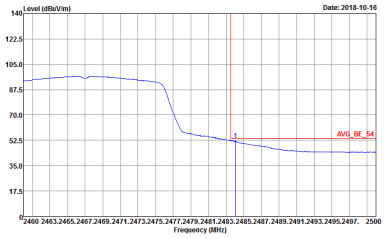
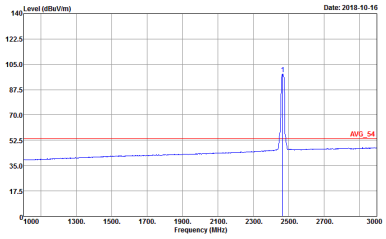
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1	Vertical	Fundamental
Peak		
Avg.		

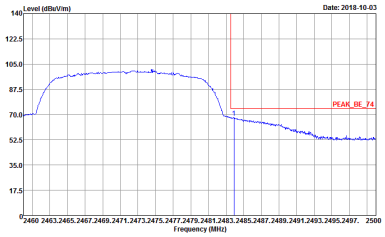
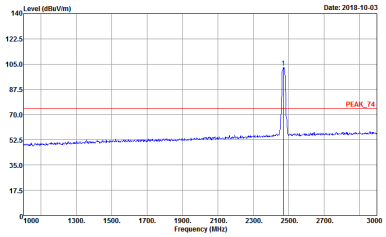
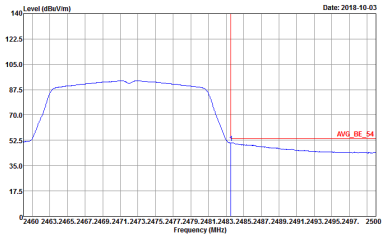
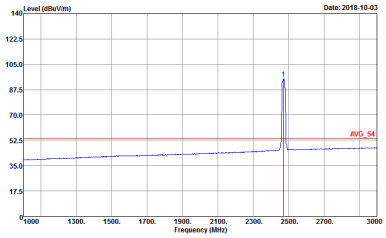
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1	Vertical	Fundamental
Peak		Left Blank
Avg.		Left Blank

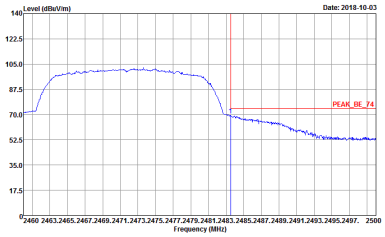
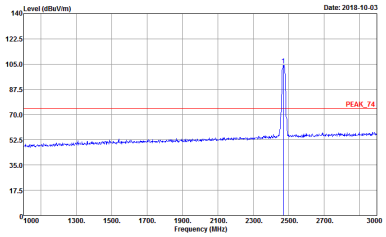
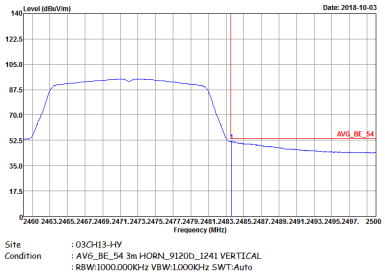
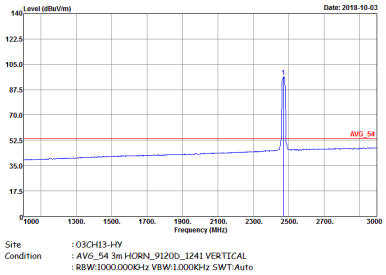
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 VERTICAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH12 2467MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

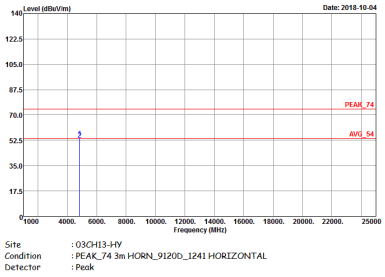
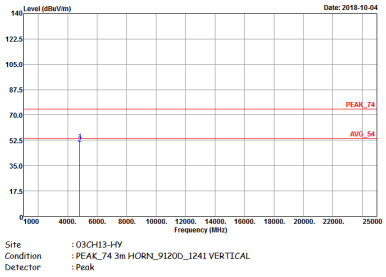
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH12 2467MHz	
1	Vertical	Fundamental
Peak		
Avg.		

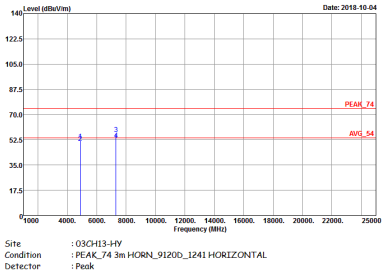
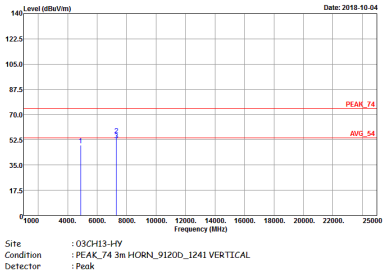
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

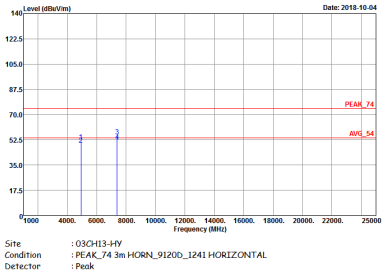
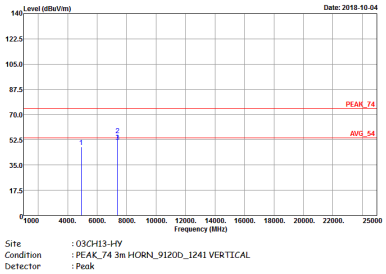
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
1	Vertical	Fundamental
Peak		
Avg.		

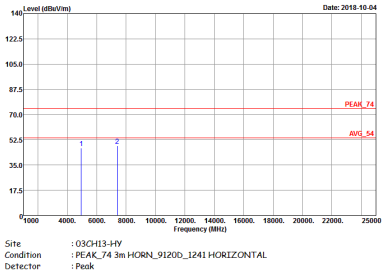
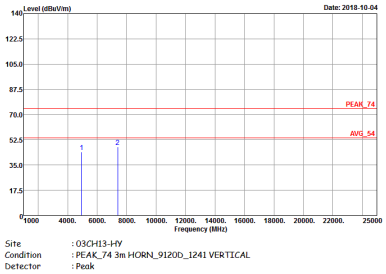
2.4GHz 2400~2483.5MHz

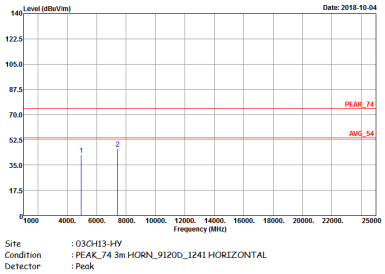
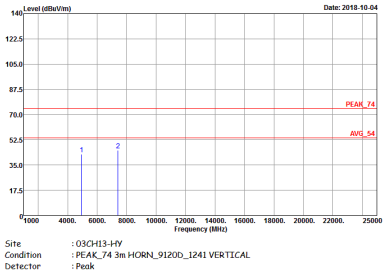
WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
1	Horizontal	Vertical
Peak		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
1	Horizontal	Vertical
Peak		

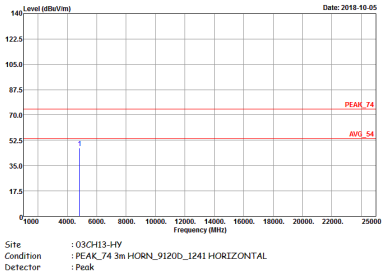
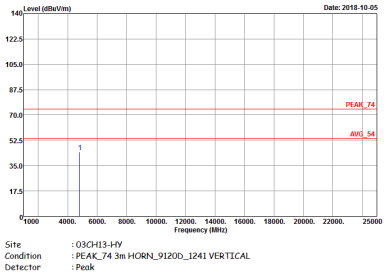
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
1	Horizontal	Vertical
Peak		

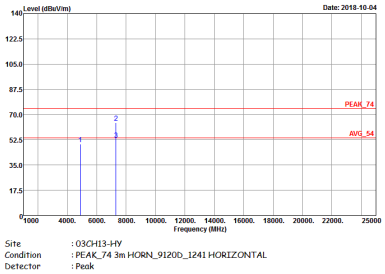
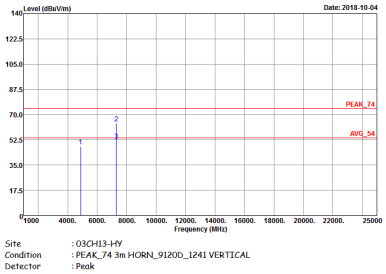
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH12 2467MHz	
1	Horizontal	Vertical
Peak		

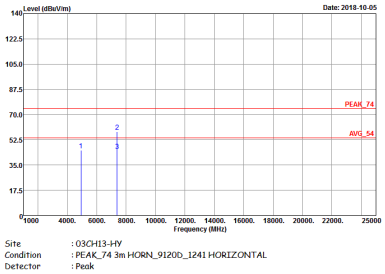
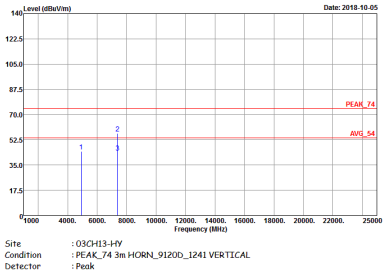
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH13 2472MHz	
1	Horizontal	Vertical
Peak		

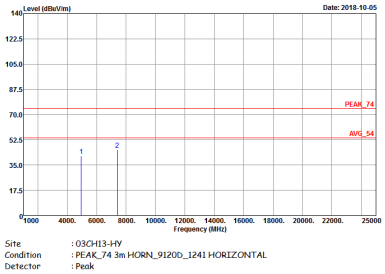
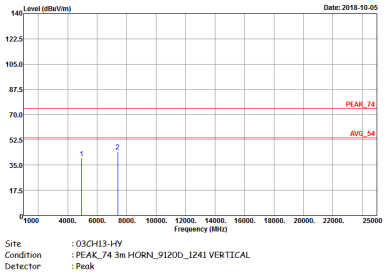
2.4GHz 2400~2483.5MHz

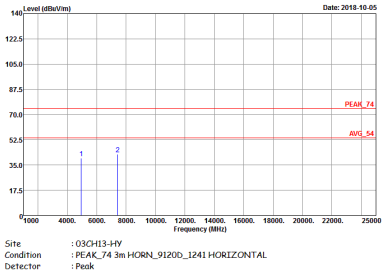
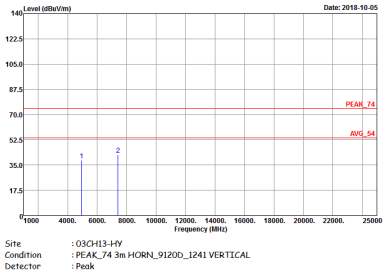
WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
1	Horizontal	Vertical
Peak		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
1	Horizontal	Vertical
Peak		

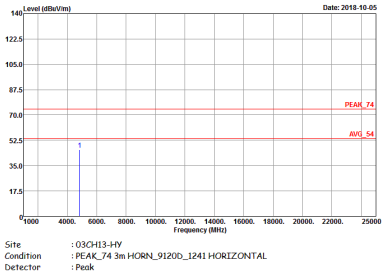
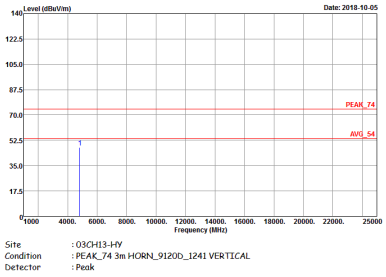
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Vertical
Peak		

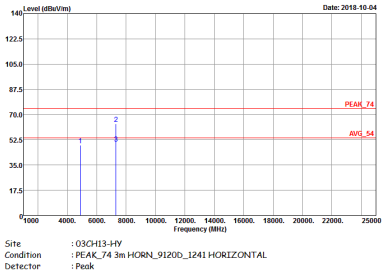
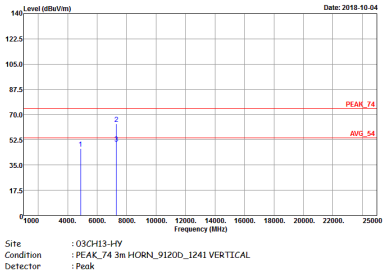
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH12 2467MHz	
1	Horizontal	Vertical
Peak		

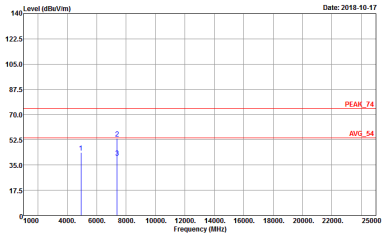
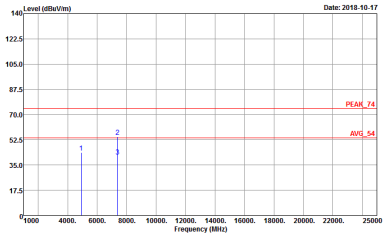
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH13 2472MHz	
1	Horizontal	Vertical
Peak		

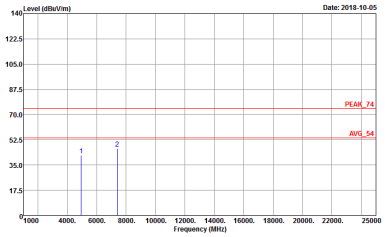
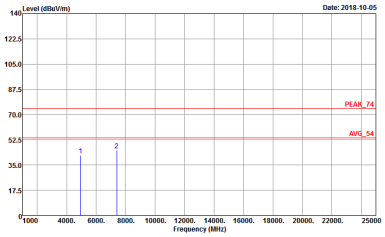
2.4GHz 2400~2483.5MHz

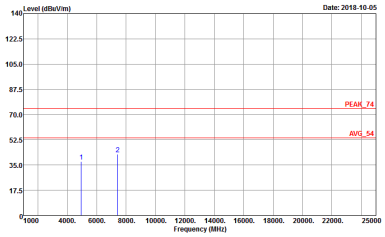
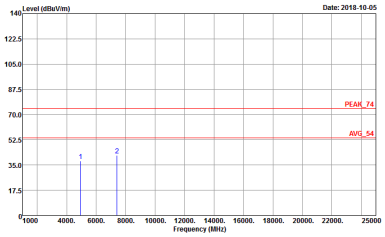
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1	Horizontal	Vertical
Peak		

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH06 2437MHz	
1	Horizontal	Vertical
Peak		

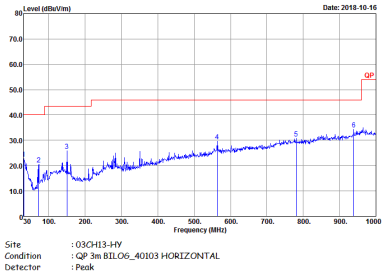
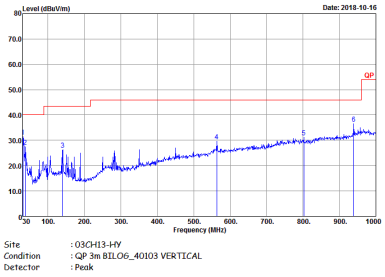
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL Detector : Peak	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 VERTICAL Detector : Peak

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH12 2462MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL Detector : Peak	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 VERTICAL Detector : Peak

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH13 2472MHz	
1	Horizontal	Vertical
Peak	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL Detector : Peak	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 VERTICAL Detector : Peak

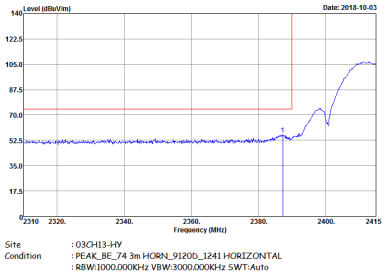
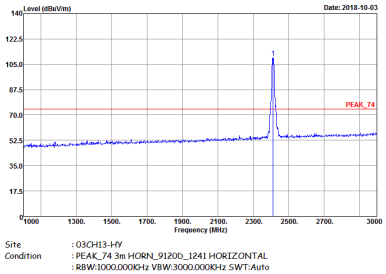
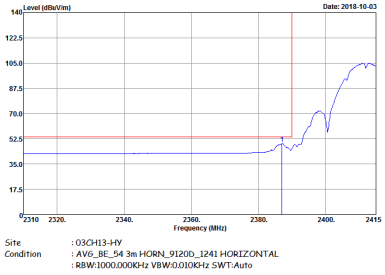
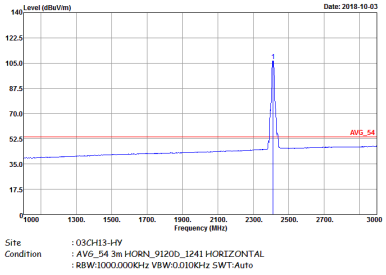
Emission below 1GHz

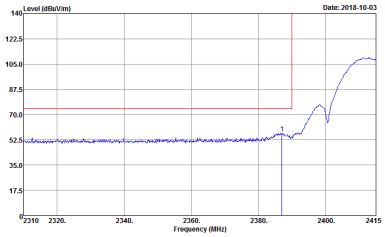
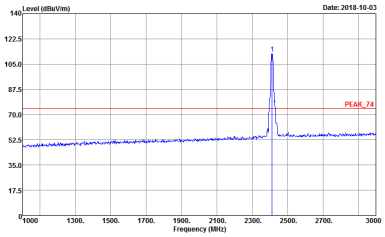
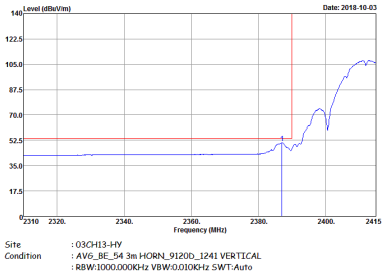
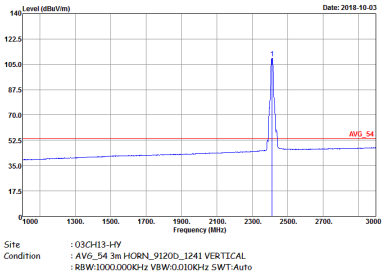
2.4GHz WIFI 802.11n HT20 (LF)

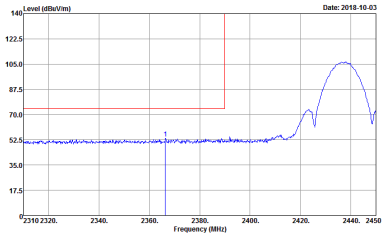
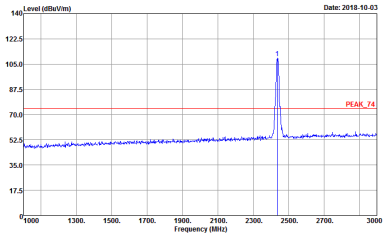
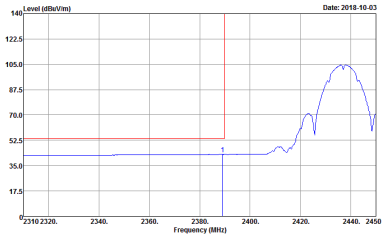
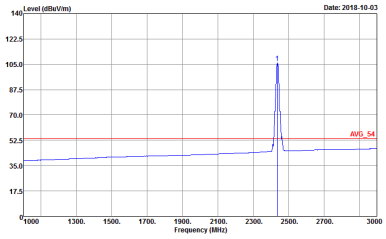
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11n HT20 LF	
1	Horizontal	Vertical
QP / Peak		

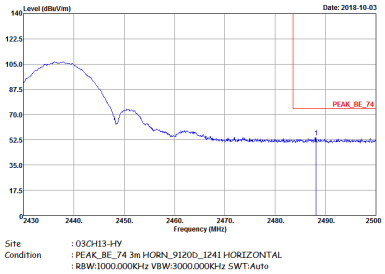
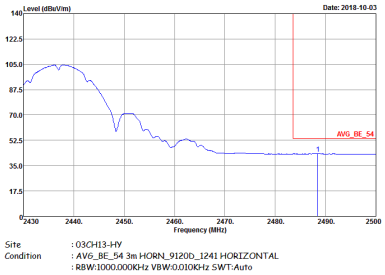
2.4GHz 2400~2483.5MHz

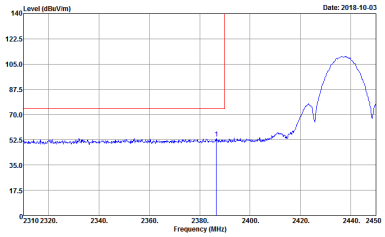
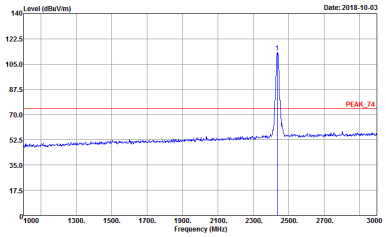
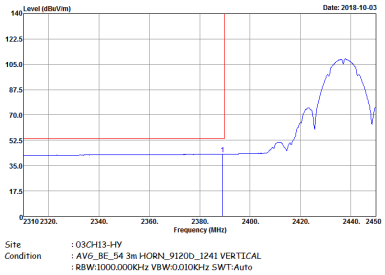
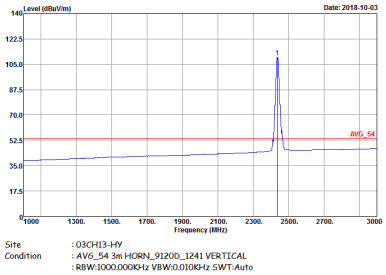
WIFI 802.11b (Band Edge @ 3m)

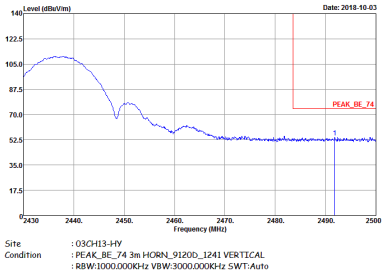
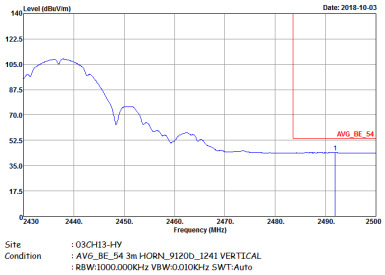
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
2	Horizontal	Fundamental
Peak		
Avg.		

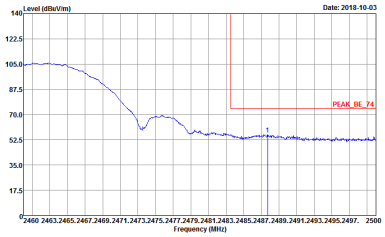
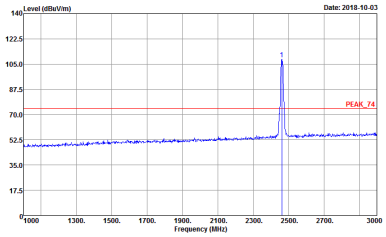
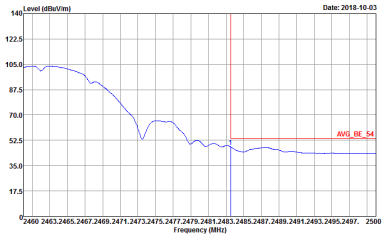
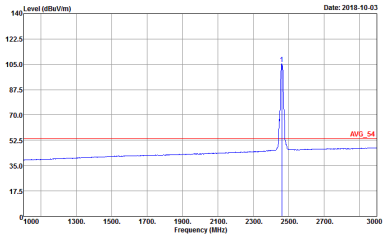
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
2	Vertical	Fundamental
Peak		
Avg.		

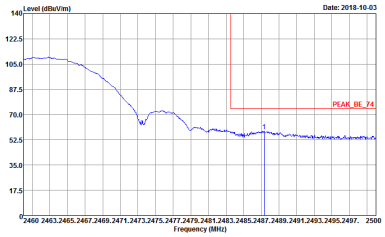
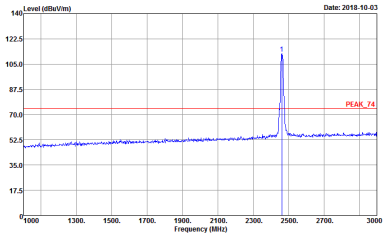
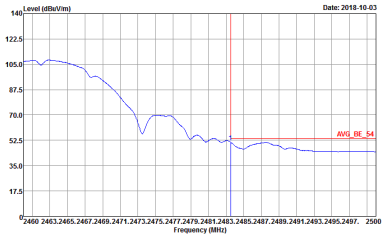
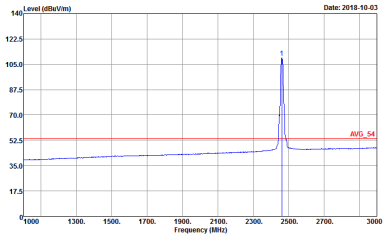
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

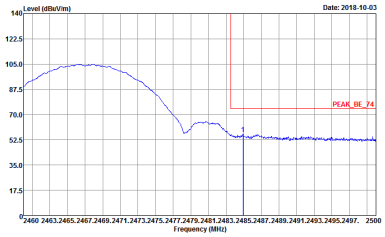
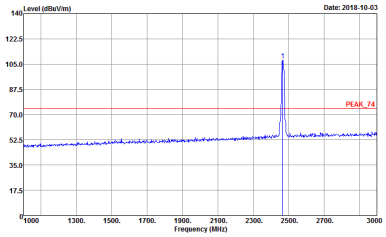
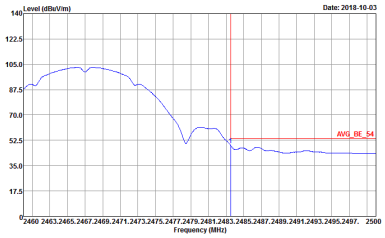
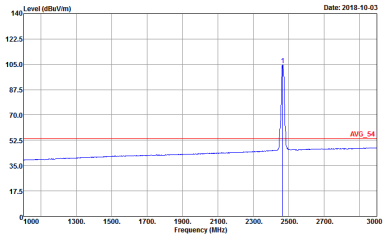
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

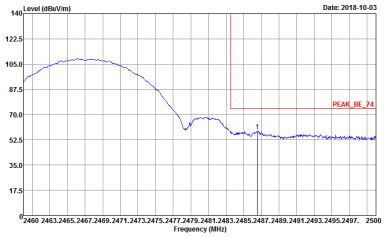
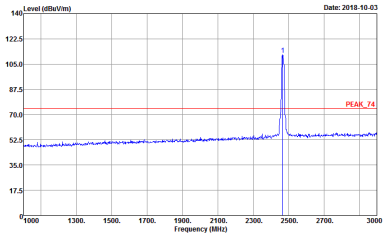
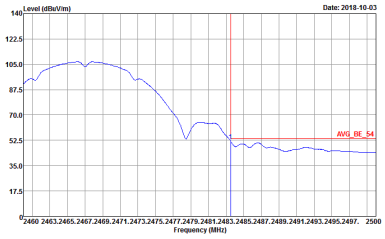
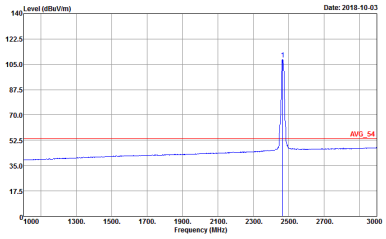
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
2	Vertical	Fundamental
Peak		
Avg.		

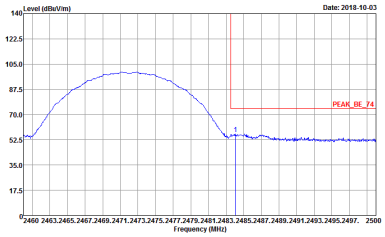
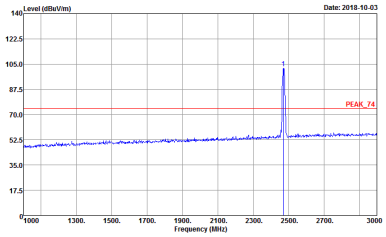
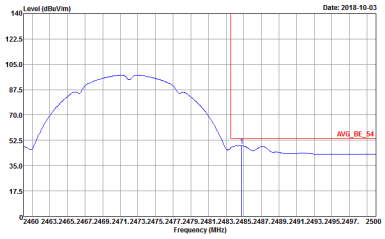
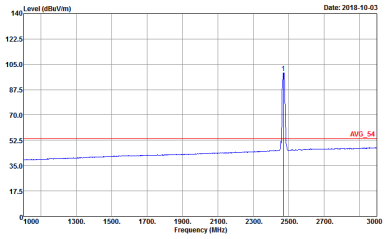
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

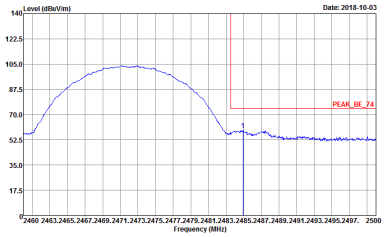
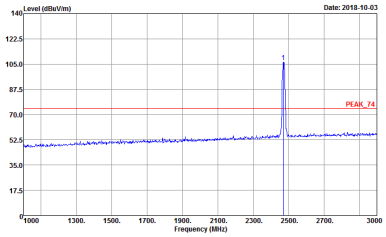
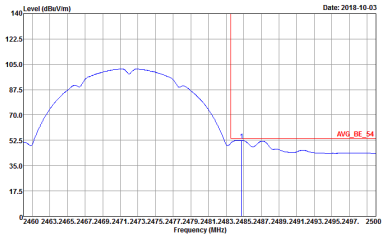
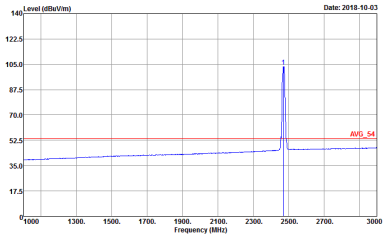
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
2	Vertical	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:0.010KHz SWT:Auto

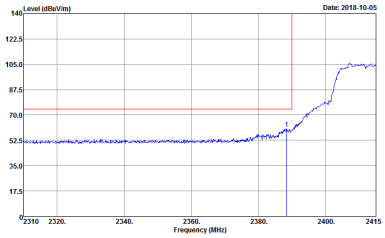
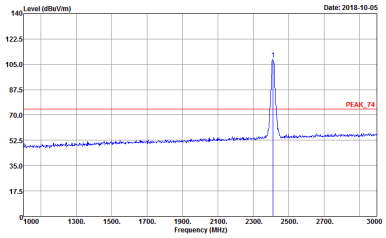
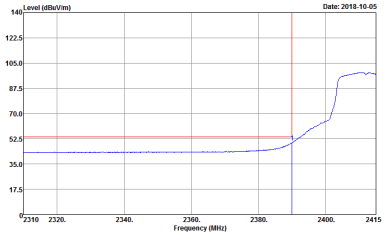
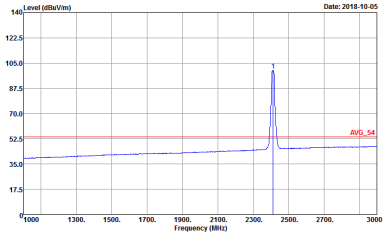
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH12 2467MHz	
2	Vertical	Fundamental
Peak		
Avg.		

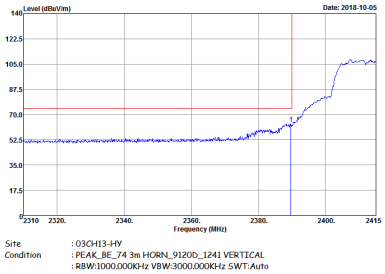
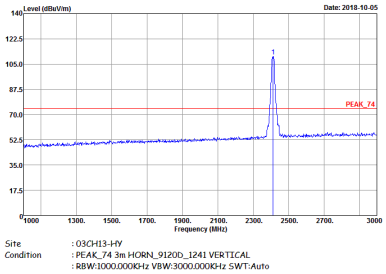
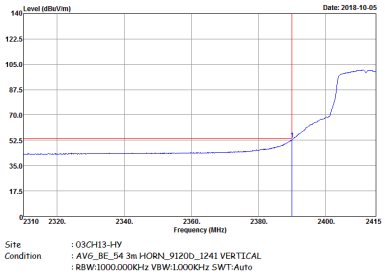
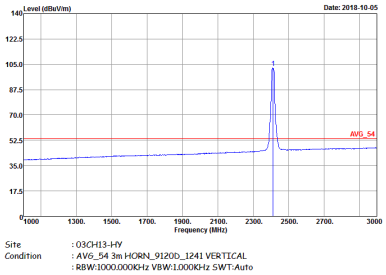
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
2	Horizontal	Fundamental
Peak		
Avg.		

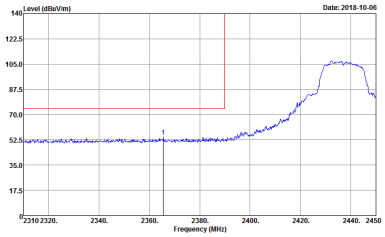
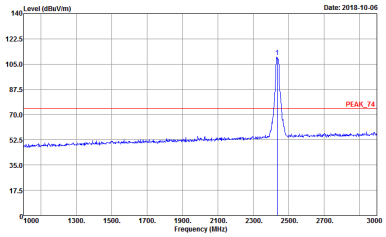
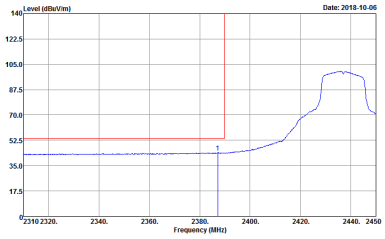
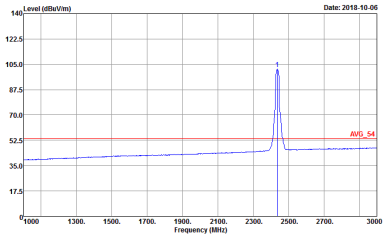
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH13 2472MHz	
2	Vertical	Fundamental
Peak		
Avg.		

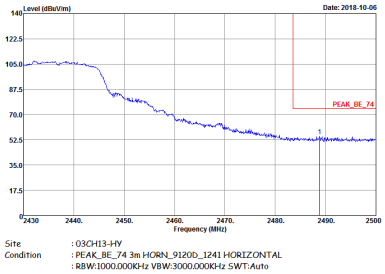
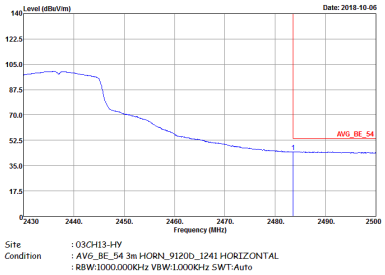
2.4GHz 2400~2483.5MHz

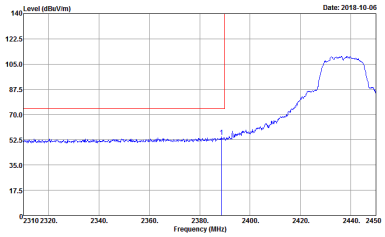
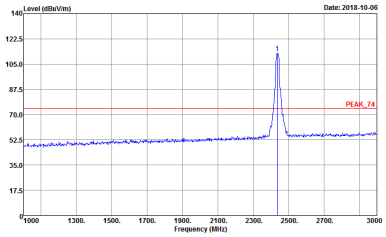
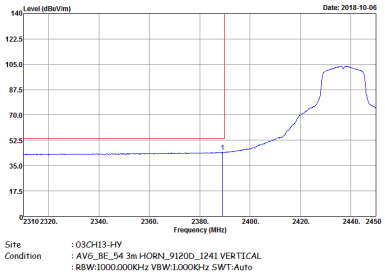
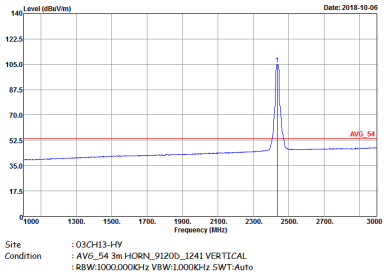
WIFI 802.11g (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH13-HY Condition : PEAK_BE_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH13-HY Condition : PEAK_74 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	 Site : 03CH13-HY Condition : AVG_BE_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto	 Site : 03CH13-HY Condition : AVG_54 3m HORN_9120D_1241 HORIZONTAL : RBW:1000.000KHz VBW:1.000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
2	Vertical	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak		
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
2	Vertical	Fundamental
Peak		
Avg.