



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	42.83	-31.17	74	35.07	32.3	13.02	37.56	-	-	P	H
		12045	53.57	-20.43	74	37.02	39.09	20.51	43.05	-	-	P	H
		12045	40.71	-13.29	54	24.16	39.09	20.51	43.05	-	-	A	H
		13320	52.33	-21.67	74	33.81	39.84	21.84	43.16	-	-	P	H
		13320	42.66	-11.34	54	24.14	39.84	21.84	43.16	-	-	A	H
		17985	54.5	-19.5	74	33.39	41.69	24.88	45.46	-	-	P	H
		17985	46.49	-7.51	54	25.38	41.69	24.88	45.46	-	-	A	H
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		3615	51.8	-22.2	74	47.51	29.53	11.69	36.93	236	259	P	V
		3615	42.46	-11.54	54	38.17	29.53	11.69	36.93	236	259	A	V
		4824	43.43	-30.57	74	35.67	32.3	13.02	37.56	-	-	P	V
		12360	51.79	-22.21	74	35.11	39.04	20.86	43.22	-	-	P	V
		12360	40.98	-13.02	54	24.3	39.04	20.86	43.22	-	-	A	V
		13275	52.55	-21.45	74	34.13	39.78	21.79	43.15	-	-	P	V
		13275	42.65	-11.35	54	24.23	39.78	21.79	43.15	-	-	A	V
		17880	54.36	-19.64	74	34.01	40.92	24.81	45.38	-	-	P	V
		17880	45.92	-8.08	54	25.57	40.92	24.81	45.38	-	-	A	V
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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 06 2437MHz		4874	43.22	-30.78	74	35.28	32.54	13	37.6	-	-	P	H
		7311	47.81	-26.19	74	33.64	36.78	15.92	38.53	-	-	P	H
		12180	53.11	-20.89	74	36.38	39.2	20.66	43.13	-	-	P	H
		12180	41.37	-12.63	54	24.64	39.2	20.66	43.13	-	-	A	H
		13255	53.04	-20.96	74	34.66	39.76	21.77	43.15	-	-	P	H
		13255	42.64	-11.36	54	24.26	39.76	21.77	43.15	-	-	A	H
		17940	55.01	-18.99	74	34.21	41.38	24.85	45.43	-	-	P	H
		17940	46.12	-7.88	54	25.32	41.38	24.85	45.43	-	-	A	H
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		3660	50.91	-23.09	74	46.49	29.6	11.78	36.96	256	261	P	V
		3660	42.7	-11.3	54	38.28	29.6	11.78	36.96	256	261	A	V
		4874	43.56	-30.44	74	35.62	32.54	13	37.6	-	-	P	V
		7311	47.81	-26.19	74	33.64	36.78	15.92	38.53	-	-	P	V
		12495	52.22	-21.78	74	35.33	39.19	21	43.3	-	-	P	V
		12495	41.17	-12.83	54	24.28	39.19	21	43.3	-	-	A	V
		13275	52.86	-21.14	74	34.44	39.78	21.79	43.15	-	-	P	V
		13275	43.06	-10.94	54	24.64	39.78	21.79	43.15	-	-	A	V
		17910	53.99	-20.01	74	33.4	41.17	24.83	45.41	-	-	P	V
		17910	45.91	-8.09	54	25.32	41.17	24.83	45.41	-	-	A	V
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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 11 2462MHz		4924	44.47	-29.53	74	36.29	32.84	12.97	37.63	-	-	P	H
		7386	46.93	-27.07	74	33.1	36.41	16.01	38.59	-	-	P	H
		12495	51.89	-22.11	74	35	39.19	21	43.3	-	-	P	H
		12495	41.28	-12.72	54	24.39	39.19	21	43.3	-	-	A	H
		13395	52.97	-21.03	74	34.25	39.99	21.9	43.17	-	-	P	H
		13395	42.97	-11.03	54	24.25	39.99	21.9	43.17	-	-	A	H
		17940	53.87	-20.13	74	33.07	41.38	24.85	45.43	-	-	P	H
		17940	46.27	-7.73	54	25.47	41.38	24.85	45.43	-	-	A	H
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		3690	51.7	-22.3	74	47.24	29.6	11.85	36.99	275	266	P	V
		3690	42.6	-11.4	54	38.14	29.6	11.85	36.99	275	266	A	V
		4924	44.51	-29.49	74	36.33	32.84	12.97	37.63	-	-	P	V
		7386	46.88	-27.12	74	33.05	36.41	16.01	38.59	-	-	P	V
		12705	52.27	-21.73	74	34.75	39.51	21.23	43.22	-	-	P	V
		12705	42.08	-11.92	54	24.56	39.51	21.23	43.22	-	-	A	V
		13380	52.77	-21.23	74	34.09	39.96	21.89	43.17	-	-	P	V
		13380	42.91	-11.09	54	24.23	39.96	21.89	43.17	-	-	A	V
		17940	53.83	-20.17	74	33.03	41.38	24.85	45.43	-	-	P	V
		17940	46.07	-7.93	54	25.27	41.38	24.85	45.43	-	-	A	V
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Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Emission above 18GHz

2.4GHz WIFI 802.11b (SHF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11b SHF		19295	42.72	-31.28	74	44.38	38.03	15.39	55.08	-	-	P	H
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		19295	42.73	-31.27	74	44.39	38.03	15.39	55.08	-	-	P	V
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Remark	1. No other spurious found.												
	2. All results are PASS against limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

Emission above 18GHz

2.4GHz WIFI 802.11g (SHF)

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 SHF		24860	41.86	-32.14	74	36.35	39.09	19.6	53.18	-	-	P	H
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		24573	42.37	-31.63	74	37.38	39.07	19.28	53.36	-	-	P	V
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Emission below 1GHz

2.4GHz WIFI 802.11g (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11g LF		71.71	33.74	-6.26	40	55.24	12.35	1.74	35.59	-	-	P	H
		148.34	26.97	-16.53	43.5	42.64	17.35	2.45	35.47	-	-	P	H
		405.39	28.32	-17.68	46	37.17	22.13	3.85	34.83	-	-	P	H
		600.36	33.28	-12.72	46	37.5	25.47	4.69	34.38	-	-	P	H
		729.37	39.17	-6.83	46	40.64	27.26	5.09	33.82	-	-	P	H
		957.32	35.09	-10.91	46	31.39	30.66	6	32.96	-	-	P	H
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		72.68	27.69	-12.31	40	49.08	12.44	1.75	35.58	-	-	P	V
		135.73	28.45	-15.05	43.5	44.14	17.45	2.36	35.5	-	-	P	V
		600.36	36.99	-9.01	46	41.21	25.47	4.69	34.38	-	-	P	V
		721.61	34.75	-11.25	46	36.69	26.85	5.06	33.85	-	-	P	V
		749.74	34.94	-11.06	46	35.83	27.66	5.19	33.74	-	-	P	V
		874.87	35.82	-10.18	46	34.56	28.74	5.75	33.23	-	-	P	V
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Remark	1. No other spurious found.												
	2. All results are PASS against limit line.												
	3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 01 2412MHz		2388.855	68.85	-5.15	74	59.18	27.26	18.68	36.27	145	343	P	H
		2390	53.31	-0.69	54	43.64	27.26	18.68	36.27	145	343	A	H
	*	2412	111.29	-	-	101.5	27.35	18.72	36.28	145	343	P	H
	*	2412	103.7	-	-	93.91	27.35	18.72	36.28	145	343	A	H
													H
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		2389.8	58.51	-15.49	74	48.84	27.26	18.68	36.27	382	284	P	V
		2390	43.79	-10.21	54	34.12	27.26	18.68	36.27	382	284	A	V
	*	2412	104.15	-	-	94.36	27.35	18.72	36.28	382	284	P	V
	*	2412	96.82	-	-	87.03	27.35	18.72	36.28	382	284	A	V
													V
													V
802.11n HT20 CH 06 2437MHz		2390	56.58	-17.42	74	46.91	27.26	18.68	36.27	200	344	P	H
		2390	42.66	-11.34	54	32.99	27.26	18.68	36.27	200	344	A	H
	*	2437	111.29	-	-	101.36	27.45	18.77	36.29	200	344	P	H
	*	2437	103.74	-	-	93.81	27.45	18.77	36.29	200	344	A	H
		2484.08	56.46	-17.54	74	46.27	27.64	18.86	36.31	200	344	P	H
		2484.56	42.19	-11.81	54	32	27.64	18.86	36.31	200	344	A	H
		2385.84	52.02	-21.98	74	42.38	27.24	18.67	36.27	400	270	P	V
		2390	39.16	-14.84	54	29.49	27.26	18.68	36.27	400	270	A	V
	*	2437	99.94	-	-	90.01	27.45	18.77	36.29	400	270	P	V
	*	2437	92.3	-	-	82.37	27.45	18.77	36.29	400	270	A	V
		2487.84	52.77	-21.23	74	42.56	27.65	18.87	36.31	400	270	P	V
		2485.76	39.29	-14.71	54	29.1	27.64	18.86	36.31	400	270	A	V



802.11n HT20 CH 11 2462MHz	*	2462	110	-	-	99.93	27.55	18.82	36.3	100	319	P	H
	*	2462	102.36	-	-	92.29	27.55	18.82	36.3	100	319	A	H
		2484.44	69.83	-4.17	74	59.64	27.64	18.86	36.31	100	319	P	H
		2483.64	52.7	-1.3	54	42.52	27.63	18.86	36.31	100	319	A	H
													H
													H
	*	2462	102.89	-	-	92.82	27.55	18.82	36.3	400	310	P	V
	*	2462	95.29	-	-	85.22	27.55	18.82	36.3	400	310	A	V
		2483.68	62.83	-11.17	74	52.65	27.63	18.86	36.31	400	310	P	V
		2485.28	44.76	-9.24	54	34.57	27.64	18.86	36.31	400	310	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (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		3615	53.43	-20.57	74	49.14	29.53	11.69	36.93	100	297	P	H
		3615	43.76	-10.24	54	39.47	29.53	11.69	36.93	100	297	A	H
		4824	43.55	-30.45	74	35.79	32.3	13.02	37.56	-	-	P	H
		12060	54.17	-19.83	74	37.58	39.12	20.53	43.06	100	94	P	H
		12060	43.07	-10.93	54	26.48	39.12	20.53	43.06	100	94	A	H
		12615	52.66	-21.34	74	35.45	39.33	21.13	43.25	-	-	P	H
		12615	41.54	-12.46	54	24.33	39.33	21.13	43.25	-	-	A	H
		13365	53.49	-20.51	74	34.86	39.93	21.87	43.17	-	-	P	H
		13365	42.98	-11.02	54	24.35	39.93	21.87	43.17	-	-	A	H
		17970	54.94	-19.06	74	33.93	41.59	24.87	45.45	-	-	P	H
		17970	46.3	-7.7	54	25.29	41.59	24.87	45.45	-	-	A	H
													H
		3615	50.11	-23.89	74	45.82	29.53	11.69	36.93	372	6	P	V
		3615	39.7	-14.3	54	35.41	29.53	11.69	36.93	372	6	A	V
		4824	43.08	-30.92	74	35.32	32.3	13.02	37.56	-	-	P	V
		11070	52.22	-21.78	74	35.67	38.7	19.65	41.8	-	-	P	V
		11070	41.12	-12.88	54	24.57	38.7	19.65	41.8	-	-	A	V
		12060	59.7	-14.3	74	43.11	39.12	20.53	43.06	100	77	P	V
		12060	47.43	-6.57	54	30.84	39.12	20.53	43.06	100	77	A	V
		13290	53.83	-20.17	74	35.39	39.79	21.8	43.15	-	-	P	V
		13290	42.67	-11.33	54	24.23	39.79	21.8	43.15	-	-	A	V
		17925	55.75	-18.25	74	35.06	41.27	24.84	45.42	-	-	P	V
		17925	46.09	-7.91	54	25.4	41.27	24.84	45.42	-	-	A	V
													V



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 06 2437MHz		3660	54.9	-19.1	74	50.48	29.6	11.78	36.96	100	295	P	H
		3660	43.66	-10.34	54	39.24	29.6	11.78	36.96	100	295	A	H
		4874	44.4	-29.6	74	36.46	32.54	13	37.6	-	-	P	H
		7311	56.55	-17.45	74	42.38	36.78	15.92	38.53	380	179	P	H
		7311	45.54	-8.46	54	31.37	36.78	15.92	38.53	380	179	A	H
		12185	52.71	-21.29	74	35.98	39.2	20.66	43.13	100	95	P	H
		12185	43.37	-10.63	54	26.64	39.2	20.66	43.13	100	95	A	H
		12690	53.25	-20.75	74	35.78	39.48	21.21	43.22	-	-	P	H
		12690	41.73	-12.27	54	24.26	39.48	21.21	43.22	-	-	A	H
		13350	53.57	-20.43	74	34.97	39.9	21.86	43.16	-	-	P	H
		13350	42.95	-11.05	54	24.35	39.9	21.86	43.16	-	-	A	H
		17955	55.91	-18.09	74	35	41.49	24.86	45.44	-	-	P	H
		3645	50.27	-23.73	74	45.89	29.59	11.74	36.95	400	7	P	V
		3645	39.07	-14.93	54	34.69	29.59	11.74	36.95	400	7	A	V
		4874	44.11	-29.89	74	36.17	32.54	13	37.6	-	-	P	V
		7311	58.75	-15.25	74	44.58	36.78	15.92	38.53	100	215	P	V
		7311	47.34	-6.66	54	33.17	36.78	15.92	38.53	100	215	A	V
		11415	51.68	-22.32	74	35.15	39.07	19.95	42.49	-	-	P	V
		11415	40.7	-13.3	54	24.17	39.07	19.95	42.49	-	-	A	V
		12185	59.11	-14.89	74	42.38	39.2	20.66	43.13	100	78	P	V
		12185	47.96	-6.04	54	31.23	39.2	20.66	43.13	100	78	A	V
		13380	54.48	-19.52	74	35.8	39.96	21.89	43.17	-	-	P	V
		13380	43.05	-10.95	54	24.37	39.96	21.89	43.17	-	-	A	V
		18000	55.65	-18.35	74	34.43	41.8	24.89	45.47	-	-	P	V



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 11 2462MHz		3690	52.79	-21.21	74	48.33	29.6	11.85	36.99	100	296	P	H
		3690	41.4	-12.6	54	36.94	29.6	11.85	36.99	100	296	A	H
		4924	44.89	-29.11	74	36.71	32.84	12.97	37.63	-	-	P	H
		7386	56.42	-17.58	74	42.59	36.41	16.01	38.59	372	178	P	H
		7386	45.21	-8.79	54	31.38	36.41	16.01	38.59	372	178	A	H
		12310	50.74	-23.26	74	34.05	39.09	20.8	43.2	100	78	P	H
		12310	44.1	-9.9	54	27.41	39.09	20.8	43.2	100	78	A	H
		12570	52.72	-21.28	74	35.64	39.27	21.08	43.27	-	-	P	H
		12570	41.21	-12.79	54	24.13	39.27	21.08	43.27	-	-	A	H
		13290	53.2	-20.8	74	34.76	39.79	21.8	43.15	-	-	P	H
		13290	42.69	-11.31	54	24.25	39.79	21.8	43.15	-	-	A	H
		17970	55.61	-18.39	74	34.6	41.59	24.87	45.45	-	-	P	H
		3690	49.08	-24.92	74	44.62	29.6	11.85	36.99	386	0	P	V
		3690	38.1	-15.9	54	33.64	29.6	11.85	36.99	386	0	A	V
		4924	43.37	-30.63	74	35.19	32.84	12.97	37.63	-	-	P	V
		7386	59.12	-14.88	74	45.29	36.41	16.01	38.59	100	215	P	V
		7386	47.71	-6.29	54	33.88	36.41	16.01	38.59	100	215	A	V
		11055	52.35	-21.65	74	35.78	38.7	19.64	41.77	-	-	P	V
		11055	40.78	-13.22	54	24.21	38.7	19.64	41.77	-	-	A	V
		12310	57.27	-16.73	74	40.58	39.09	20.8	43.2	106	76	P	V
		12310	46.51	-7.49	54	29.82	39.09	20.8	43.2	106	76	A	V
		13260	53.18	-20.82	74	34.79	39.76	21.78	43.15	-	-	P	V
		13260	42.76	-11.24	54	24.37	39.76	21.78	43.15	-	-	A	V
		17955	54.83	-19.17	74	33.92	41.49	24.86	45.44	-	-	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only. 4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												



2.4GHz 2400~2483.5MHz

WIFI 802.11n HT40 (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 HT40 CH 03 2422MHz		2390	64.93	-9.07	74	55.26	27.26	18.68	36.27	146	350	P	H
		2386.16	52.64	-1.36	54	42.99	27.24	18.68	36.27	146	350	A	H
	*	2422	101.71	-	-	91.87	27.39	18.74	36.29	146	350	P	H
	*	2422	94.11	-	-	84.27	27.39	18.74	36.29	146	350	A	H
		2495.36	54.04	-19.96	74	43.8	27.68	18.88	36.32	146	350	P	H
		2494.24	45.98	-8.02	54	35.74	27.68	18.88	36.32	146	350	A	H
		2389.84	55.49	-18.51	74	45.82	27.26	18.68	36.27	400	104	P	V
		2385.68	43.82	-10.18	54	34.18	27.24	18.67	36.27	400	104	A	V
	*	2422	92.54	-	-	82.77	27.33	18.72	36.28	400	104	P	V
	*	2422	85.2	-	-	75.36	27.39	18.74	36.29	400	104	A	V
		2496.56	50.03	-23.97	74	39.78	27.69	18.88	36.32	400	104	P	V
		2491.76	40.58	-13.42	54	30.36	27.67	18.87	36.32	400	104	A	V
802.11n HT40 CH 06 2437MHz		2382.16	61.51	-12.49	74	51.88	27.23	18.67	36.27	148	353	P	H
		2388.56	51.6	-2.4	54	41.94	27.25	18.68	36.27	148	353	A	H
	*	2437	104.22	-	-	94.29	27.45	18.77	36.29	148	353	P	H
	*	2437	96.47	-	-	86.54	27.45	18.77	36.29	148	353	A	H
		2484.72	57.09	-16.91	74	46.9	27.64	18.86	36.31	148	353	P	H
		2485.76	52.81	-1.19	54	42.62	27.64	18.86	36.31	148	353	A	H
		2387.6	53.84	-20.16	74	44.18	27.25	18.68	36.27	400	283	P	V
		2390	44.57	-9.43	54	34.9	27.26	18.68	36.27	400	283	A	V
	*	2437	96.15	-	-	86.22	27.45	18.77	36.29	400	283	P	V
	*	2437	88.77	-	-	78.84	27.45	18.77	36.29	400	283	A	V
		2485.84	51.58	-22.42	74	41.39	27.64	18.86	36.31	400	283	P	V
		2485.44	44.52	-9.48	54	34.33	27.64	18.86	36.31	400	283	A	V



802.11n HT40 CH 09 2452MHz		2379.44	54.76	-19.24	74	45.15	27.22	18.66	36.27	265	0	P	H
		2375.12	44.32	-9.68	54	34.73	27.2	18.66	36.27	265	0	A	H
	*	2452	101.89	-	-	91.88	27.51	18.8	36.3	265	0	P	H
	*	2452	94.48	-	-	84.47	27.51	18.8	36.3	265	0	A	H
		2484	64.74	-9.26	74	54.55	27.64	18.86	36.31	265	0	P	H
		2487.76	50.39	-3.61	54	40.18	27.65	18.87	36.31	265	0	A	H
		2321.2	49.68	-24.32	74	40.26	27.1	18.56	36.24	394	310	P	V
		2371.76	40.5	-13.5	54	30.92	27.19	18.65	36.26	394	310	A	V
	*	2452	94.51	-	-	84.5	27.51	18.8	36.3	394	310	P	V
	*	2452	87.09	-	-	77.08	27.51	18.8	36.3	394	310	A	V
		2485.28	56.39	-17.61	74	46.2	27.64	18.86	36.31	394	310	P	V
		2484.56	43.69	-10.31	54	33.5	27.64	18.86	36.31	394	310	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 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 HT40 CH 03 2422MHz		4844	43.07	-30.93	74	35.25	32.38	13.01	37.57	-	-	P	H
		7266	47.85	-26.15	74	33.53	36.94	15.87	38.49	-	-	P	H
		12645	52.85	-21.15	74	35.54	39.39	21.16	43.24	-	-	P	H
		12645	41.63	-12.37	54	24.32	39.39	21.16	43.24	-	-	A	H
		13380	52.94	-21.06	74	34.26	39.96	21.89	43.17	-	-	P	H
		13380	42.85	-11.15	54	24.17	39.96	21.89	43.17	-	-	A	H
		17985	55.14	-18.86	74	34.03	41.69	24.88	45.46	-	-	P	H
		17985	46.44	-7.56	54	25.33	41.69	24.88	45.46	-	-	A	H
													H
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													H
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		4844	42.41	-31.59	74	34.59	32.38	13.01	37.57	-	-	P	V
		7266	49.79	-24.21	74	35.47	36.94	15.87	38.49	100	219	P	V
		7266	40.74	-13.26	54	26.42	36.94	15.87	38.49	100	219	A	V
		12525	52.31	-21.69	74	35.35	39.22	21.03	43.29	-	-	P	V
		12525	41.3	-12.7	54	24.34	39.22	21.03	43.29	-	-	A	V
		13275	53.9	-20.1	74	35.48	39.78	21.79	43.15	-	-	P	V
		13275	42.63	-11.37	54	24.21	39.78	21.79	43.15	-	-	A	V
		17985	55.9	-18.1	74	34.79	41.69	24.88	45.46	-	-	P	V
		17985	46.46	-7.54	54	25.35	41.69	24.88	45.46	-	-	A	V
													V
													V
													V



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 HT40 CH 06 2437MHz		3645	48.84	-25.16	74	44.46	29.59	11.74	36.95	100	303	P	H
		3645	40.61	-13.39	54	36.23	29.59	11.74	36.95	100	303	A	H
		4874	43.11	-30.89	74	35.17	32.54	13	37.6	-	-	P	H
		7311	50.65	-23.35	74	36.48	36.78	15.92	38.53	400	180	P	H
		7311	41.64	-12.36	54	27.47	36.78	15.92	38.53	400	180	A	H
		12585	52.73	-21.27	74	35.62	39.28	21.1	43.27	-	-	P	H
		12585	41.27	-12.73	54	24.16	39.28	21.1	43.27	-	-	A	H
		13335	53.29	-20.71	74	34.73	39.87	21.85	43.16	-	-	P	H
		13335	42.87	-11.13	54	24.31	39.87	21.85	43.16	-	-	A	H
		17835	55.28	-18.72	74	35.33	40.51	24.79	45.35	-	-	P	H
		17835	45.19	-8.81	54	25.24	40.51	24.79	45.35	-	-	A	H
													H
		3645	47.53	-26.47	74	43.15	29.59	11.74	36.95	400	358	P	V
		3645	37.12	-16.88	54	32.74	29.59	11.74	36.95	400	358	A	V
		4874	42.72	-31.28	74	34.78	32.54	13	37.6	-	-	P	V
		7311	51.91	-22.09	74	37.74	36.78	15.92	38.53	100	212	P	V
		7311	42.59	-11.41	54	28.42	36.78	15.92	38.53	100	212	A	V
		12655	52.6	-21.4	74	35.26	39.41	21.17	43.24	-	-	P	V
		12655	41.57	-12.43	54	24.23	39.41	21.17	43.24	-	-	A	V
		13275	53.14	-20.86	74	34.72	39.78	21.79	43.15	-	-	P	V
		13275	42.57	-11.43	54	24.15	39.78	21.79	43.15	-	-	A	V
		17970	55.39	-18.61	74	34.38	41.59	24.87	45.45	-	-	P	V
		17970	46.44	-7.56	54	25.43	41.59	24.87	45.45	-	-	A	V
													V



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 HT40 CH 09 2452MHz		3690	50.74	-23.26	74	46.28	29.6	11.85	36.99	100	296	P	H
		3690	40.73	-13.27	54	36.27	29.6	11.85	36.99	100	296	A	H
		4904	44.89	-29.11	74	36.81	32.72	12.98	37.62	-	-	P	H
		7356	47.8	-26.2	74	33.73	36.65	15.98	38.56	-	-	P	H
		12705	52.29	-21.71	74	34.77	39.51	21.23	43.22	-	-	P	H
		12705	41.84	-12.16	54	24.32	39.51	21.23	43.22	-	-	A	H
		13365	53.85	-20.15	74	35.22	39.93	21.87	43.17	-	-	P	H
		13365	42.92	-11.08	54	24.29	39.93	21.87	43.17	-	-	A	H
		17940	54.73	-19.27	74	33.93	41.38	24.85	45.43	-	-	P	H
		17940	46.24	-7.76	54	25.44	41.38	24.85	45.43	-	-	A	H
													H
													H
		3690	47.01	-26.99	74	42.55	29.6	11.85	36.99	400	0	P	V
		3690	36	-18	54	31.54	29.6	11.85	36.99	400	0	A	V
		4904	43.45	-30.55	74	35.37	32.72	12.98	37.62	-	-	P	V
		7356	52	-22	74	37.93	36.65	15.98	38.56	100	214	P	V
		7356	41.91	-12.09	54	27.84	36.65	15.98	38.56	100	214	A	V
		12650	52.65	-21.35	74	35.33	39.4	21.16	43.24	-	-	P	V
		12650	41.9	-12.1	54	24.58	39.4	21.16	43.24	-	-	A	V
		13350	53.61	-20.39	74	35.01	39.9	21.86	43.16	-	-	P	V
		13350	43.11	-10.89	54	24.51	39.9	21.86	43.16	-	-	A	V
		17985	55.54	-18.46	74	34.43	41.69	24.88	45.46	-	-	P	V
		17985	46.35	-7.65	54	25.24	41.69	24.88	45.46	-	-	A	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												
	3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												
	4. The emission level close to 18GHz is checked that the average emission level is noise floor only.												

Emission above 18GHz

2.4GHz WIFI 802.11n HT20 (SHF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11n		24832	41.65	-32.35	74	36.21	39.07	19.57	53.2	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
													H
													H
HT20 SHF		24531	41.35	-32.65	74	36.4	39.09	19.24	53.38	-	-	P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line. 3. The emission position marked as "-" means no suspected emission found with sufficient margin against limit line or noise floor only.												

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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11n HT20 LF		38.73	25.9	-14.1	40	40.27	19.93	1.33	35.63	-	-	P	H
		147.37	28.28	-15.22	43.5	43.95	17.35	2.45	35.47	-	-	P	H
		405.39	27.87	-18.13	46	36.72	22.13	3.85	34.83	-	-	P	H
		600.36	32.82	-13.18	46	37.04	25.47	4.69	34.38	-	-	P	H
		721.61	32.54	-13.46	46	34.48	26.85	5.06	33.85	-	-	P	H
		828.31	35.44	-10.56	46	35.48	27.92	5.53	33.49	100	133	Q	H
													H
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													H
													H
													H
													H
		71.71	24.22	-15.78	40	45.72	12.35	1.74	35.59	313	29	Q	V
		134.76	27.04	-16.46	43.5	42.78	17.43	2.34	35.51	-	-	P	V
		285.11	28.11	-17.89	46	40.98	19.07	3.26	35.2	-	-	P	V
		600.36	34.82	-11.18	46	39.04	25.47	4.69	34.38	-	-	P	V
		746.83	35.76	-10.24	46	36.66	27.67	5.18	33.75	-	-	P	V
		828.31	45.15	-0.85	46	45.19	27.92	5.53	33.49	100	60	Q	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against limit line.												
	3. The emission position marked as “-” means no suspected emission found and emission level has at least 6dB margin against limit or emission is noise floor only.												



Note symbol

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



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

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

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

2. Level(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”.



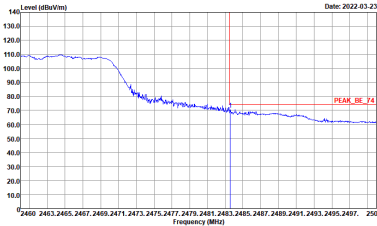
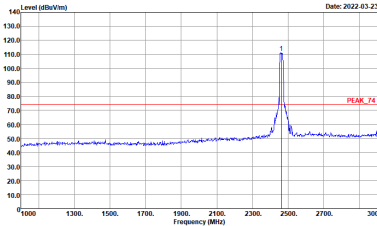
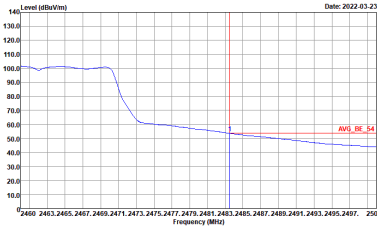
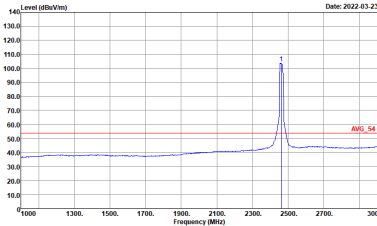
Appendix D. Radiated Spurious Emission Plots

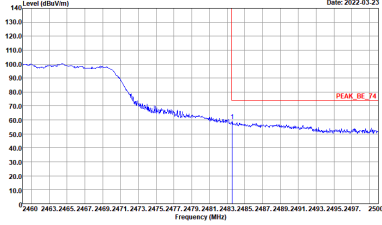
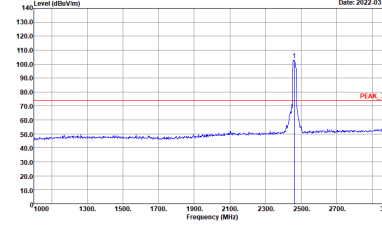
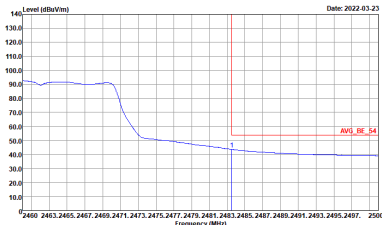
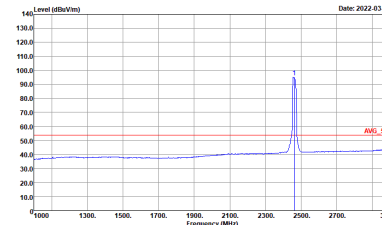
Test Engineer :	Bill Chang, JC Liang and Bigshow Wang	Temperature :	18~20°C
		Relative Humidity :	68~70%

Note symbol

-L	Low channel location
-R	High channel location

2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)

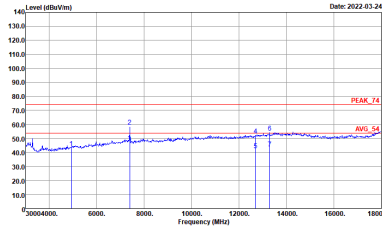
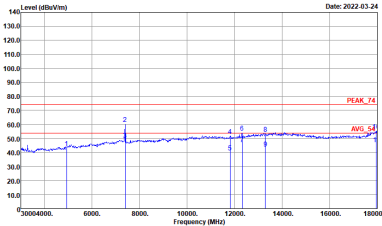
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Fundamental
Peak	 Site : 03CH20-HV Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SW1:Auto	 Site : 03CH20-HV Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SW1:Auto
	 Site : 03CH20-HV Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:0.0100Hz SW1:Auto	 Site : 03CH20-HV Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:0.0100Hz SW1:Auto
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
1	Vertical	Fundamental
Peak	 Site : 03CH20-1HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-1HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-1HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH20-1HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

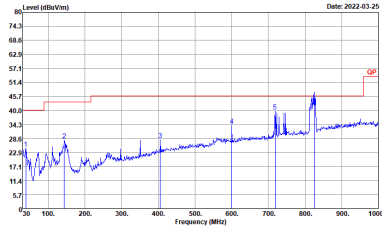
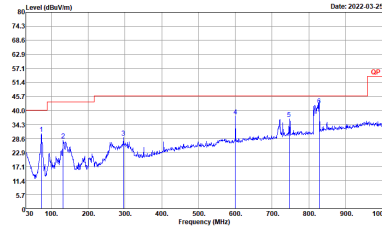
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
1	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-1FV Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL Detector : Peak	 Site : 03CH20-1FV Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL Detector : Peak



Emission above 18GHz
2.4GHz WIFI 802.11g (SHF @ 1m)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g SHF	
1	Horizontal	Vertical
Peak Avg.	Level (dBm/Vm) Date: 2022-03-26 Site : 03CH20-14V Condition : PEAK_74 1m SHF_00993_211130 HORIZONTAL Detector : Peak	Level (dBm/Vm) Date: 2022-03-26 Site : 03CH20-14V Condition : PEAK_74 1m SHF_00993_211130 VERTICAL Detector : Peak

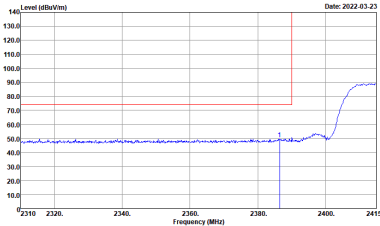
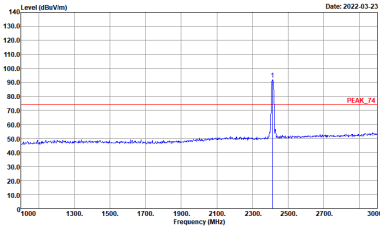
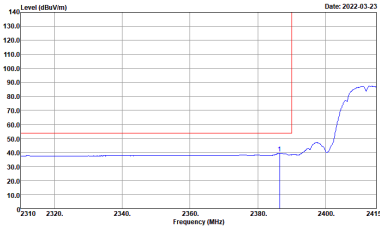
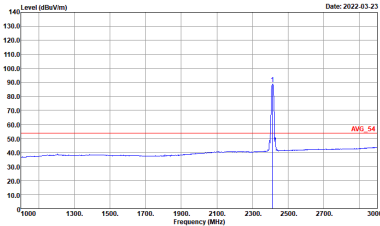
Emission below 1GHz
2.4GHz WIFI 802.11g (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g LF	
1	Horizontal	Vertical
QP / Peak	 Site : 03CH20-4V Condition : QP 3m LF_55606A08_1101017 HORIZONTAL Detector : Peak	 Site : 03CH20-4V Condition : QP 3m LF_55606A08_1101017 VERTICAL Detector : Peak

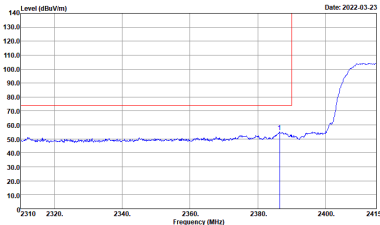
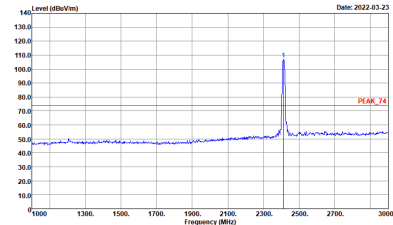
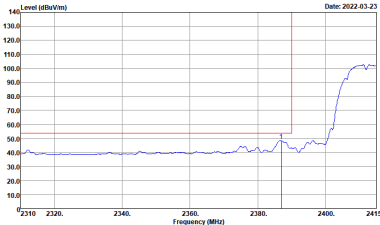
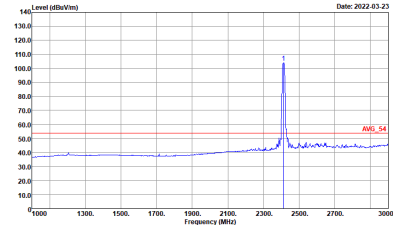


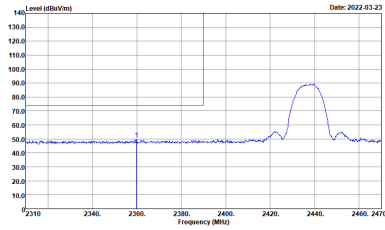
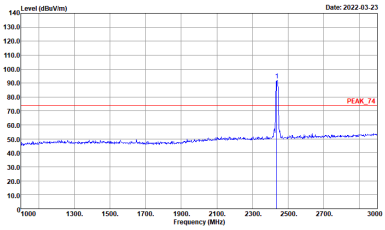
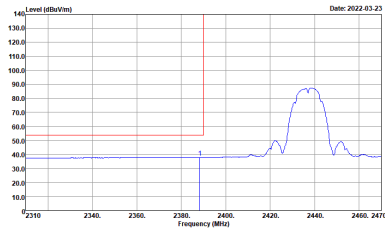
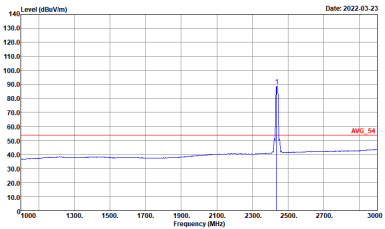
2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

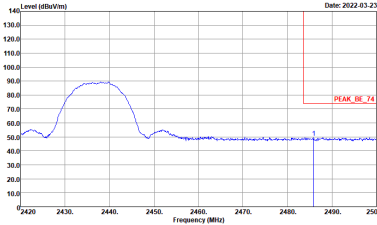
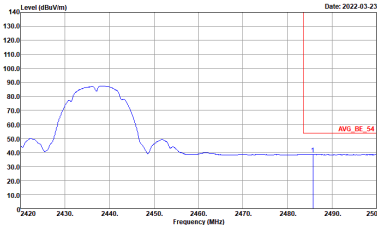
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_F4 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto	 Site : 03CH20-HY Condition : AVG_F4 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH01 2412MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_T4 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:10000kHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:10000kHz SWT:Auto
Avg.		

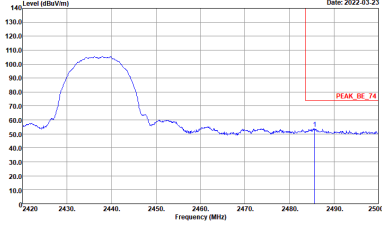
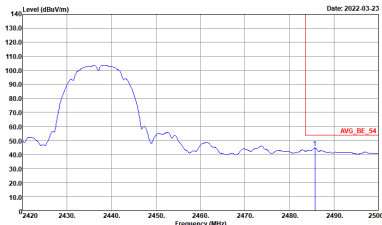


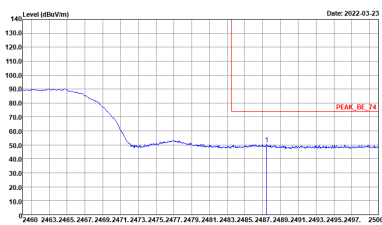
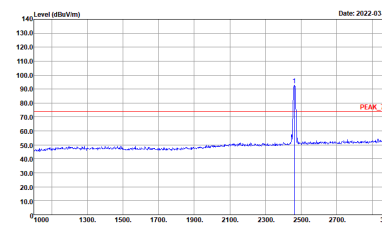
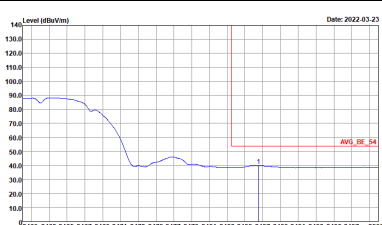
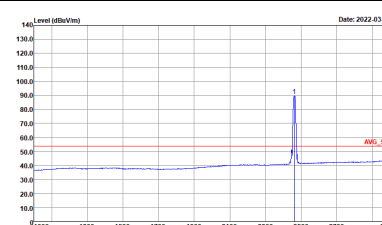
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_64 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

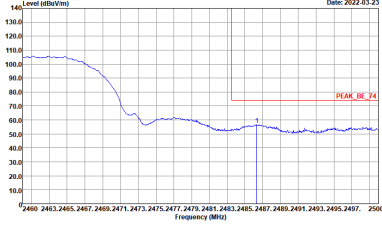
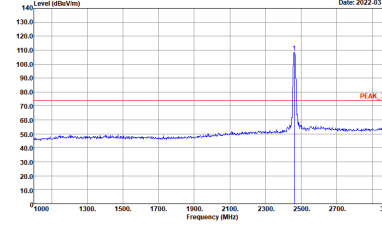
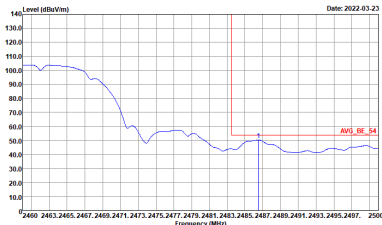
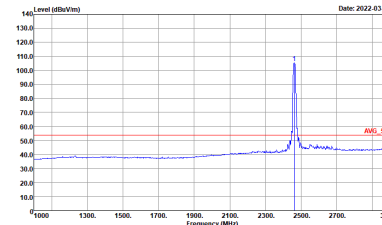


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - L	
2	Vertical	Fundamental
Peak	Site : 03CH20-1FV Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH20-1FV Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH20-1FV Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:0.000kHz SWT:Auto	Site : 03CH20-1FV Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:0.000kHz SWT:Auto



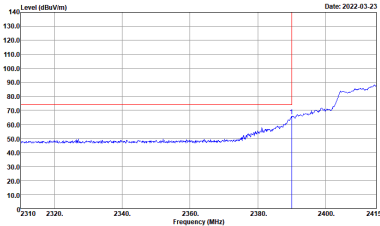
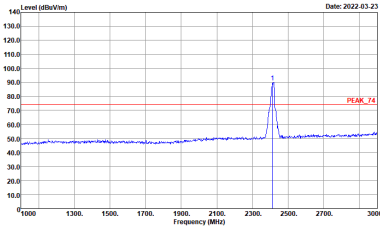
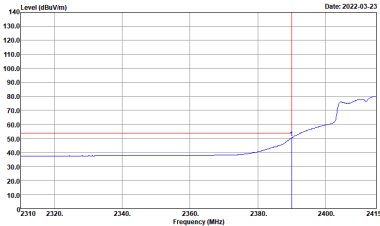
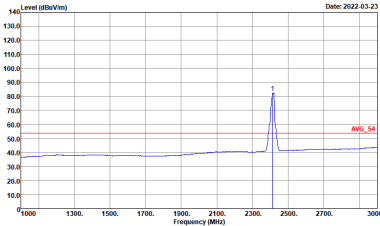
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH06 2437MHz - R	
2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_64 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH20-1FV Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-1FV Condition : PEAK_T4 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-1FV Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH20-1FV Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11b CH11 2462MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH20-1FV Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-1FV Condition : PEAK_T4 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-1FV Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-1FV Condition : AVG_T4 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
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 : 03CH20-HV Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto	 Site : 03CH20-HV Condition : PEAK_F4 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SWT:Auto
Avg.	 Site : 03CH20-HV Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto	 Site : 03CH20-HV Condition : AVG_F4 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:0.0100Hz SWT:Auto

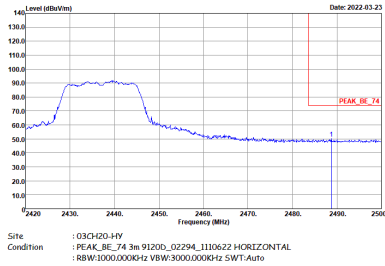
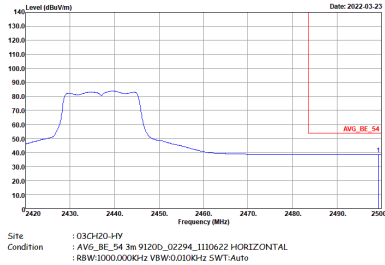


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH01 2412MHz	
2	Vertical	Fundamental
Peak	Site : 03CH20-1FV Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-1FV Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-1FV Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH20-1FV Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
2	Horizontal	Fundamental
Peak	Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:10000kHz SWT:Auto	Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:10000kHz SWT:Auto

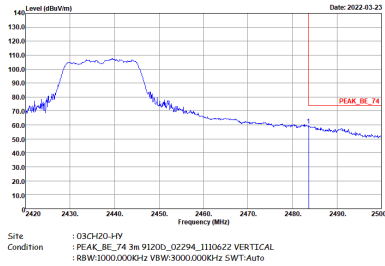
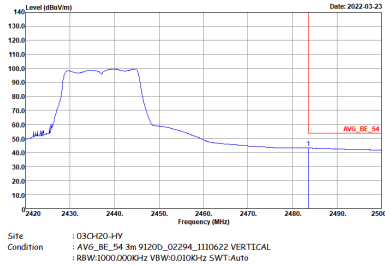


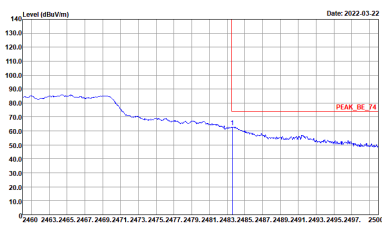
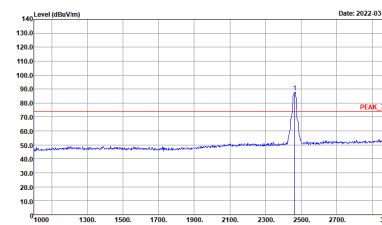
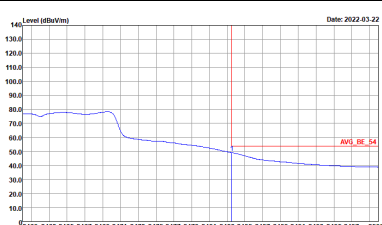
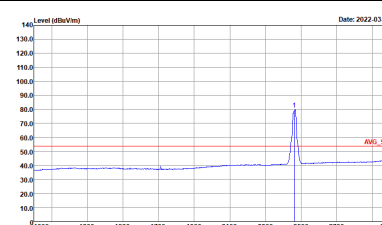
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - R	
2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

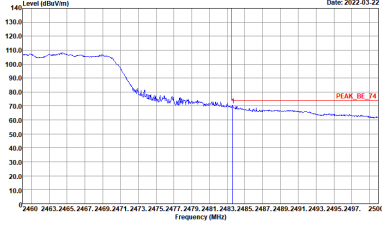
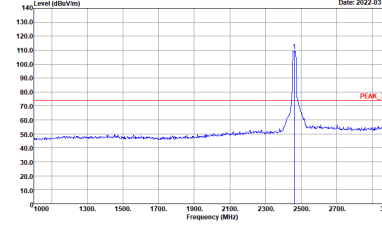
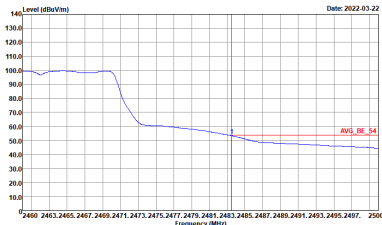
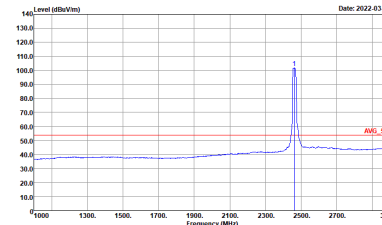


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH06 2437MHz - L	
2	Vertical	Fundamental
Peak	Site : 03CH20-1HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH20-1HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH20-1HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:10000kHz SWT:Auto	Site : 03CH20-1HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:10000kHz SWT:Auto



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

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
2	Horizontal	Fundamental
Peak	 Site : 03CH20-1FV Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-1FV Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-1FV Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH20-1FV Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11g CH11 2462MHz	
2	Vertical	Fundamental
Peak	 Site : 03CH20-1FV Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-1FV Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-1FV Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-1FV Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.		



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH01 2412MHz	
2	Horizontal	Vertical
Peak Avg.	Level (dBm/Vm) Date: 2022-03-22 Site : 03CH20-1FV Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL Detector : Peak	Level (dBm/Vm) Date: 2022-03-22 Site : 03CH20-1FV Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL Detector : Peak



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH06 2437MHz	
2	Horizontal	Vertical
Peak Avg.	Level (dBm/Vm) Date: 2022-03-22 Site : 03CH02-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL Detector : Peak	Level (dBm/Vm) Date: 2022-03-22 Site : 03CH02-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL Detector : Peak

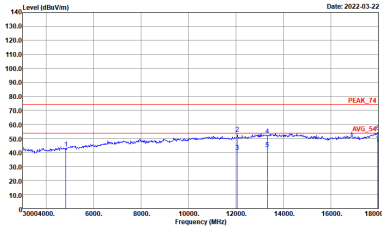
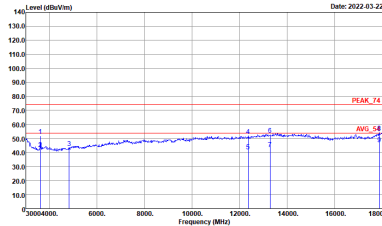


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11b CH11 2462MHz	
2	Horizontal	Vertical
Peak Avg.	Level (dBm/Vm) Date: 2022-03-22 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL Detector : Peak	Level (dBm/Vm) Date: 2022-03-22 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL Detector : Peak

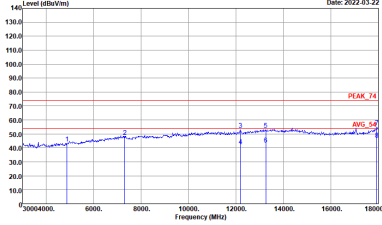
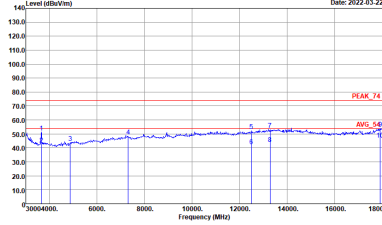


2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH01 2412MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-1V Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL Detector : Peak	 Site : 03CH20-1V Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL Detector : Peak

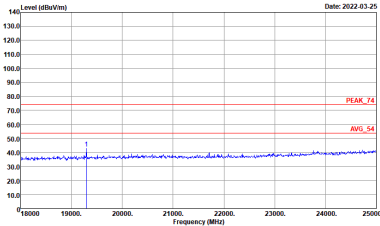
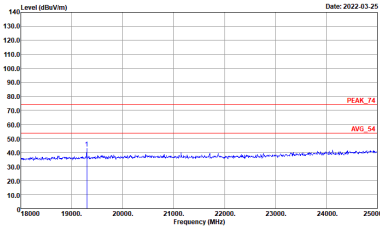


WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH06 2437MHz	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL Detector : Peak	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL Detector : Peak



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11g CH11 2462MHz	
2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-03-22 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL Detector : Peak	Level (dBuV/m) Date: 2022-03-22 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL Detector : Peak

Emission above 18GHz
2.4GHz WIFI 802.11b (SHF @ 1m)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11b SHF	
2	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-14V Condition : PEAK_T4 1m SHF_00993_211130 HORIZONTAL Detector : Peak	 Site : 03CH20-14V Condition : PEAK_T4 1m SHF_00993_211130 VERTICAL Detector : Peak

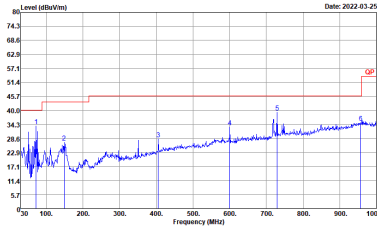
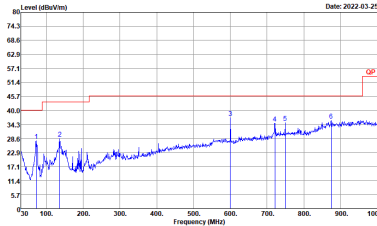


Emission above 18GHz

2.4GHz WIFI 802.11g (SHF @ 1m)

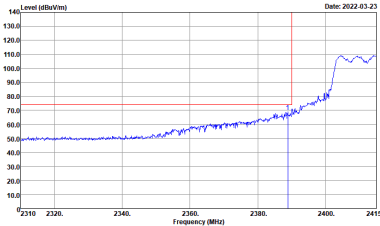
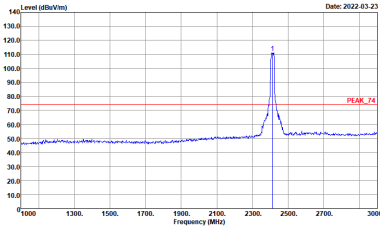
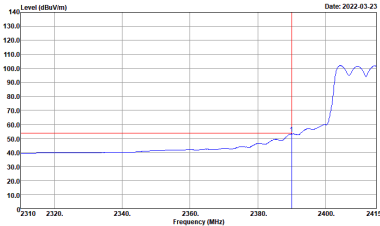
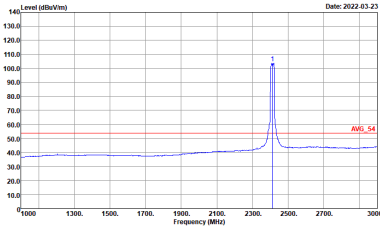
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g SHF	
2	Horizontal	Vertical
Peak Avg.	Level (dBm/Vm) Date: 2022-03-25 Site : 03CH20-14V Condition : PEAK_74 1m SHF_00993_211130 HORIZONTAL Detector : Peak	Level (dBm/Vm) Date: 2022-03-25 Site : 03CH20-14V Condition : PEAK_74 1m SHF_00993_211130 VERTICAL Detector : Peak

Emission below 1GHz
2.4GHz WIFI 802.11g (LF)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11g LF	
2	Horizontal	Vertical
QP / Peak	 Site : 03CH20-4V Condition : QP 3m LF_55606A08_1101017 HORIZONTAL Detector : Peak	 Site : 03CH20-4V Condition : QP 3m LF_55606A08_1101017 VERTICAL Detector : Peak



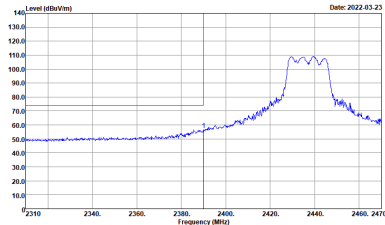
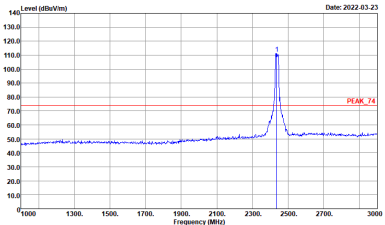
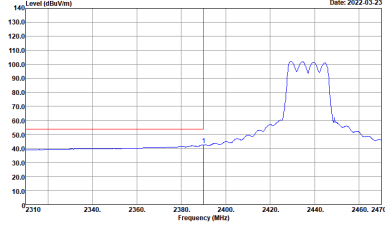
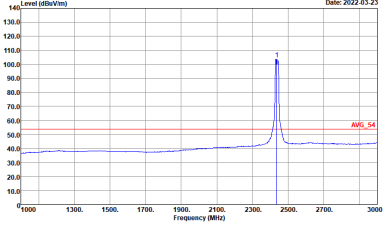
2.4GHz 2400~2483.5MHz
WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HV Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000kHz VBW:3000.0000kHz SW1:Auto	 Site : 03CH20-HV Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000kHz VBW:3000.0000kHz SW1:Auto
Avg.	 Site : 03CH20-HV Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000kHz VBW:0.0100kHz SW1:Auto	 Site : 03CH20-HV Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000kHz VBW:0.0100kHz SW1:Auto

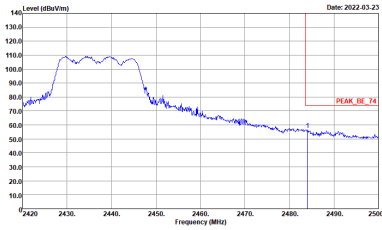
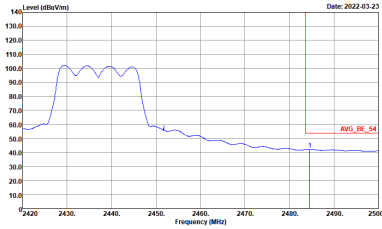


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH01 2412MHz	
1+2	Vertical	Fundamental
Peak	Site : 03CH20-1FY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-1FY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-1FY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	Site : 03CH20-1FY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:10000kHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:10000kHz SWT:Auto

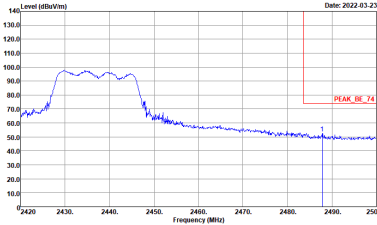
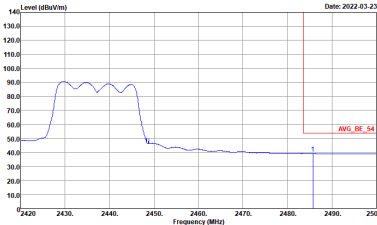


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank

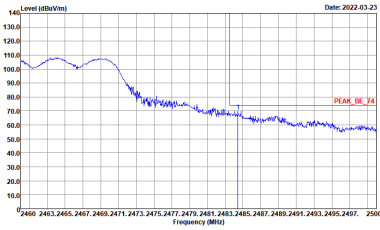
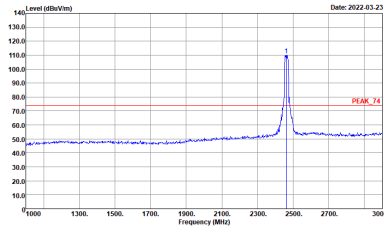
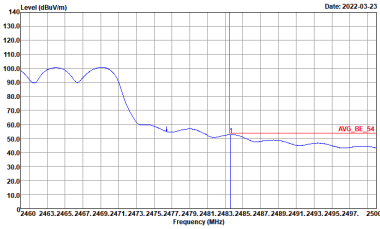
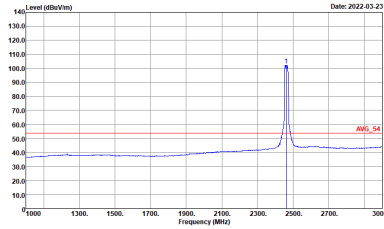


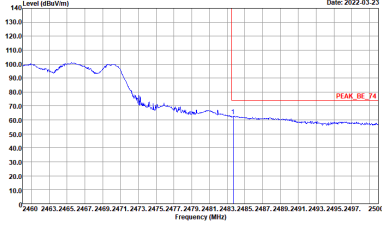
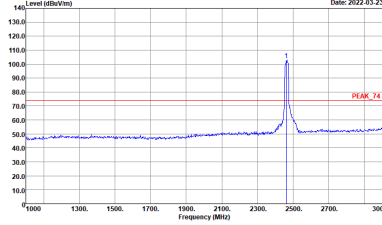
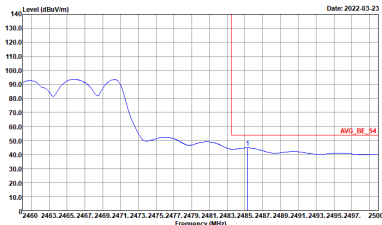
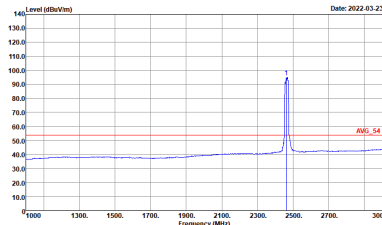
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH20-1HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	Site : 03CH20-1HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	Site : 03CH20-1HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:0.000kHz SWT:Auto	Site : 03CH20-1HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:0.000kHz SWT:Auto



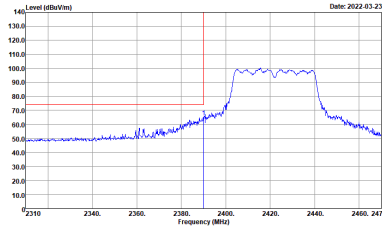
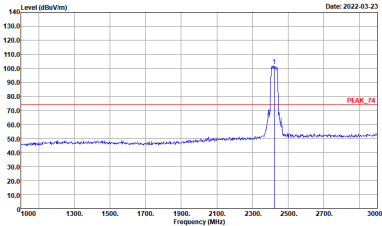
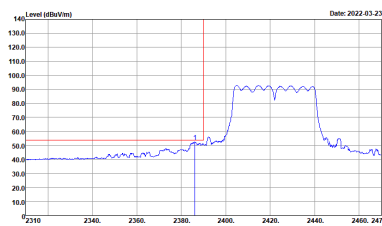
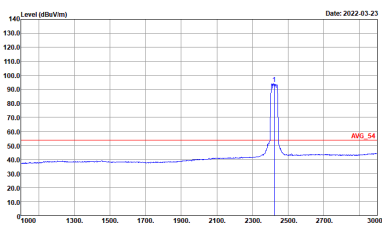
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH06 2437MHz - R	
1+2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_64 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank



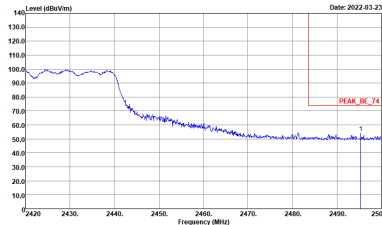
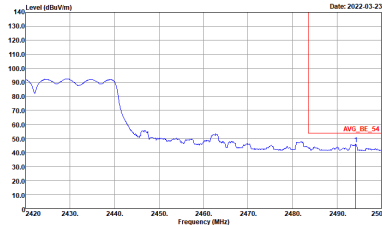
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-1HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-1HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-1HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH20-1HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto

WIFI	2.4GHz 2400~2483.5MHz Fundamental @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Vertical	Fundamental
Peak	 Site : 03CH20-1FV Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	 Site : 03CH20-1FV Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
	 Site : 03CH20-1FV Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto	 Site : 03CH20-1FV Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:1000KHz SWT:Auto
Avg.		

2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SW1:Auto	 Site : 03CH20-HY Condition : PEAK_F4 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:3000.0000Hz SW1:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:3.0000Hz SW1:Auto	 Site : 03CH20-HY Condition : AVG_F4 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.0000Hz VBW:3.0000Hz SW1:Auto

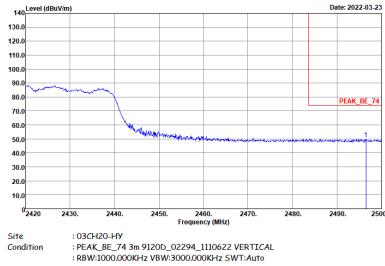
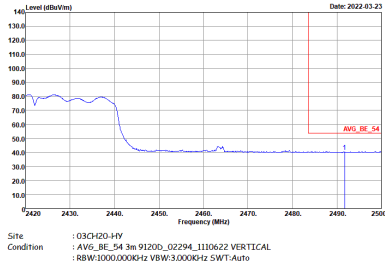


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left Blank

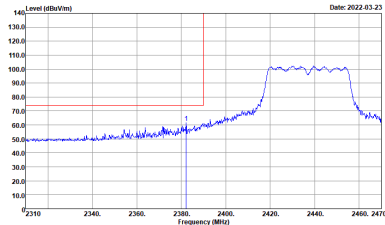
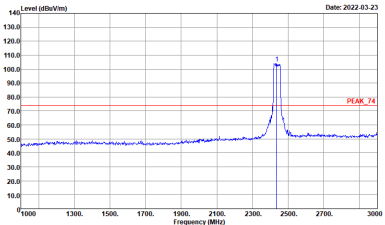
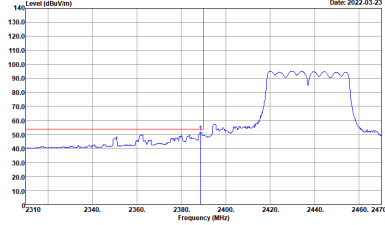
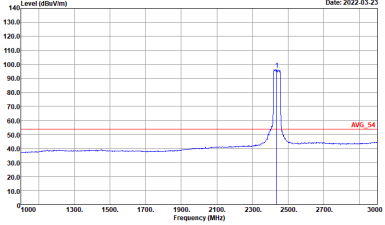


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH20-1FV Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-1FV Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL Detector : Peak
Avg.	Site : 03CH20-1FV Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto	Site : 03CH20-1FV Condition : AVG_54 3m 91200_02294_1110622 VERTICAL RBW:1000.000KHz VBW:3.000KHz SWT:Auto

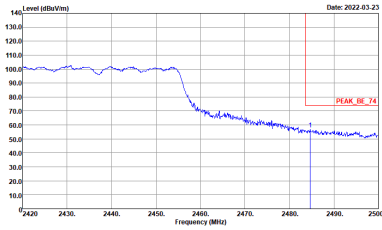
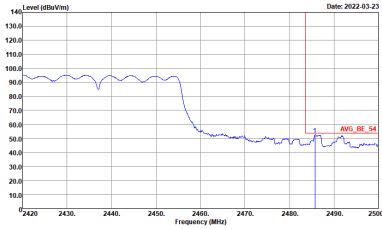


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH03 2422MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank

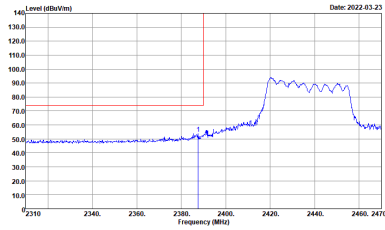
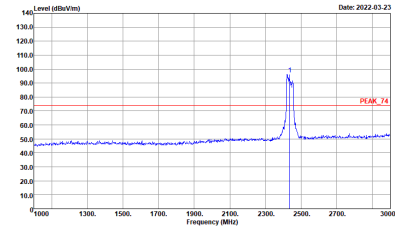
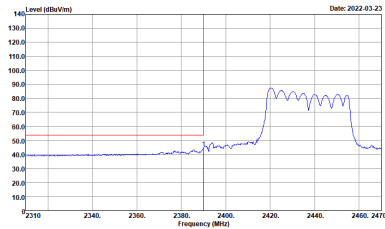
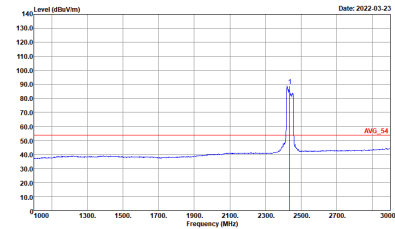


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

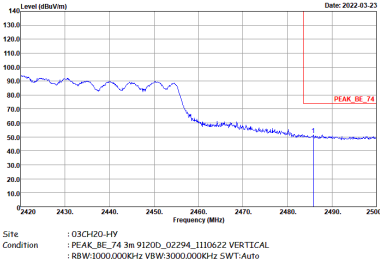
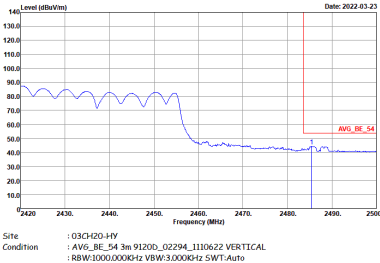


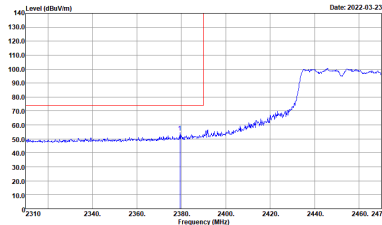
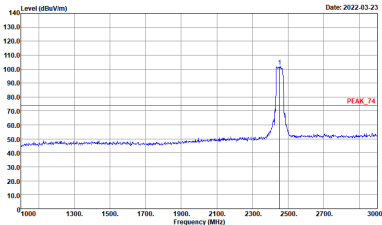
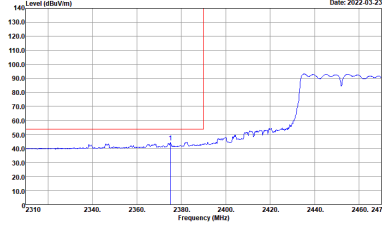
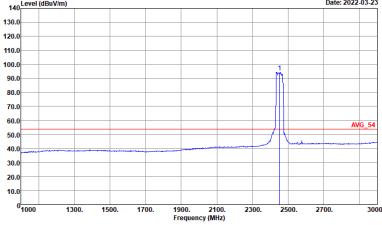
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	Left blank



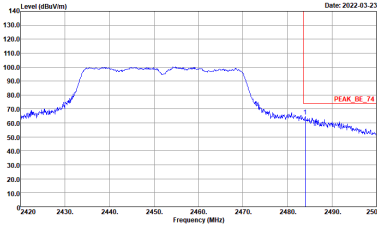
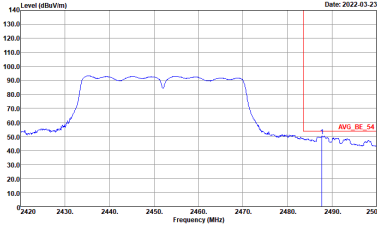
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - L	
1+2	Vertical	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_T4 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_T4 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_S4 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_S4 3m 91200_02294_1110622 VERTICAL : RBW:1000.000kHz VBW:3.000kHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH06 2437MHz - R	
1+2	Horizontal	Fundamental
Peak		Left blank
Avg.		Left blank

WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto	 Site : 03CH20-HY Condition : AVG_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000kHz VBW:3000.000kHz SWT:Auto

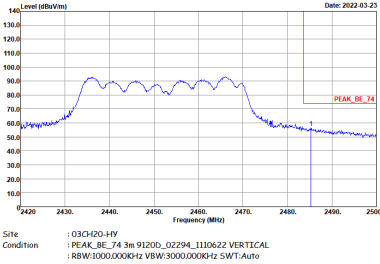
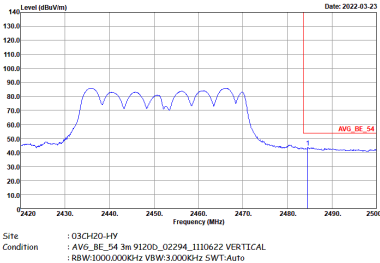


WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1+2	Horizontal	Fundamental
Peak	 Site : 03CH20-HY Condition : PEAK_BE_74 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Left blank
Avg.	 Site : 03CH20-HY Condition : AVG_BE_54 3m 91200_02294_1110622 HORIZONTAL : RBW:1000.000KHz VBW:3.000KHz SWT:Auto	Left blank



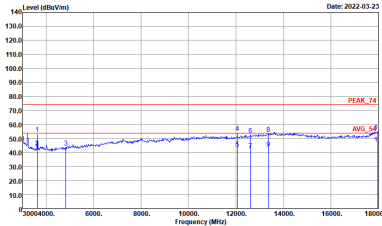
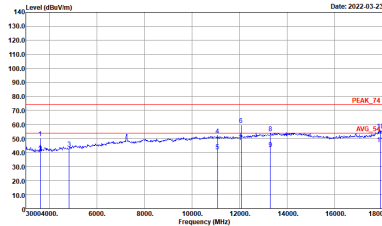
WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - L	
1+2	Vertical	Fundamental
Peak	Site : 03CH20-1HY Condition : PEAK_BE_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-1HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto
Avg.	Site : 03CH20-1HY Condition : AVG_BE_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto	Site : 03CH20-1HY Condition : AVG_54 3m 91200_02294_1110622 VERTICAL : RBW:1000.000KHz VBW:3000.000KHz SWT:Auto



WIFI	2.4GHz 2400~2483.5MHz Band Edge @ 3m	
ANT	802.11n HT40 CH09 2452MHz - R	
1+2	Vertical	Fundamental
Peak		Left blank
Avg.		Left blank



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+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-1V Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL Detector : Peak	 Site : 03CH20-1V Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL Detector : Peak



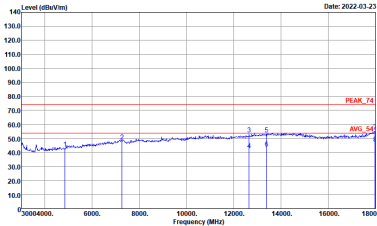
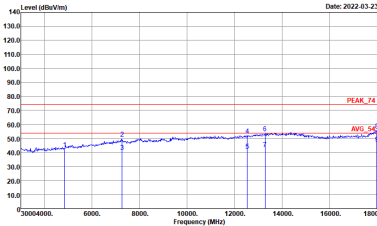
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBm/Vm) Date: 2022-03-23 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL Detector : Peak	Level (dBm/Vm) Date: 2022-03-23 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL Detector : Peak



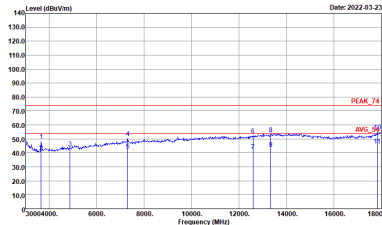
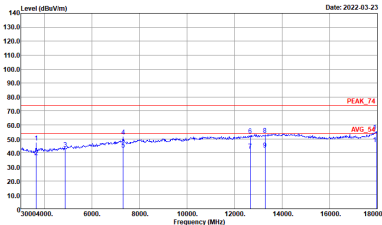
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT20 CH11 2462MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBm/Vm) Date: 2022-03-23 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL Detector : Peak	Level (dBm/Vm) Date: 2022-03-23 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL Detector : Peak



2.4GHz 2400~2483.5MHz
WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH03 2422MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-1V Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL Detector : Peak	 Site : 03CH20-1V Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL Detector : Peak



WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH06 2437MHz	
1+2	Horizontal	Vertical
Peak Avg.	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL Detector : Peak	 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL Detector : Peak



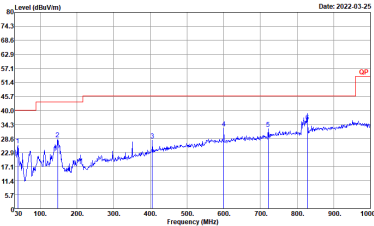
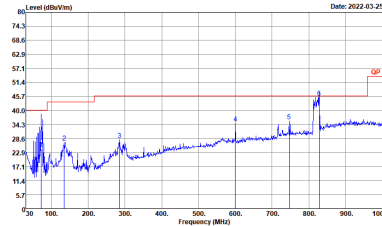
WIFI	2.4GHz 2400~2483.5MHz Harmonic @ 3m	
ANT	802.11n HT40 CH09 2452MHz	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBuV/m) Date: 2022-03-23 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 HORIZONTAL Detector : Peak	Level (dBuV/m) Date: 2022-03-23 Site : 03CH20-HY Condition : PEAK_74 3m 91200_02294_1110622 VERTICAL Detector : Peak



Emission above 18GHz
2.4GHz WIFI 802.11n HT20 (SHF @ 1m)

WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11n HT20 SHF	
1+2	Horizontal	Vertical
Peak Avg.	Level (dBm/Vm) Date: 2022-03-26 Site : 03CH20-14V Condition : PEAK_74 1m SHF_00993_211130 HORIZONTAL Detector : Peak	Level (dBm/Vm) Date: 2022-03-25 Site : 03CH20-14V Condition : PEAK_74 1m SHF_00993_211130 VERTICAL Detector : Peak

Emission below 1GHz
2.4GHz WIFI 802.11n HT20 (LF)

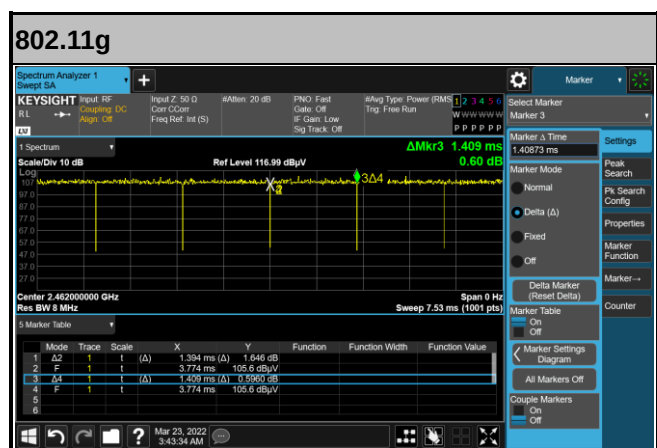
WIFI	2.4GHz 2400~2483.5MHz	
ANT	802.11n HT20 LF	
1+2	Horizontal	Vertical
QP / Peak	 Site : 03CH20-4V Condition : QP 3m LF_55606A08_1101017 HORIZONTAL Detector : Peak	 Site : 03CH20-4V Condition : QP 3m LF_55606A08_1101017 VERTICAL Detector : Peak



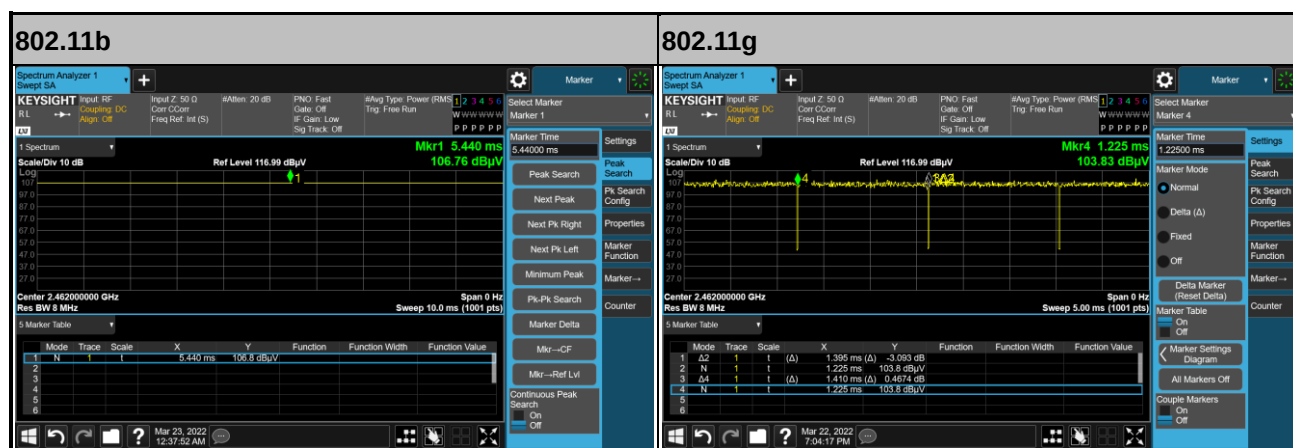
Appendix E. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(us)	1/T(kHz)	VBW Setting
2	802.11b	100.00	-	-	10Hz
2	802.11g	98.94	-	-	10Hz
1	802.11g	98.94	-	-	10Hz
1+2	2.4GHz 802.11n HT20	98.86	-	-	10Hz
1+2	2.4GHz 802.11n HT40	97.30	648	1.54	3kHz

<Ant. 1>



<Ant. 2>





MIMO <Ant. 1+2>

