



<CDD Modes>

2.4GHz 2400~2483.5MHz

WIFI 802.11b (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)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		2386.86	56.94	-17.06	74	53.93	27.05	7.45	31.49	113	318	P	H
		2390	47.35	-6.65	54	44.34	27.05	7.45	31.49	113	318	A	H
	*	2412	107.1	-	-	104.05	27.09	7.45	31.49	113	318	P	H
	*	2412	102.35	-	-	99.3	27.09	7.45	31.49	113	318	A	H
													H
													H
		2386.97	58.12	-15.88	74	55.11	27.05	7.45	31.49	278	266	P	V
		2390	49.13	-4.87	54	46.12	27.05	7.45	31.49	278	266	A	V
	*	2412	109.09	-	-	106.04	27.09	7.45	31.49	278	266	P	V
	*	2412	104.37	-	-	101.32	27.09	7.45	31.49	278	266	A	V
													V
													V
802.11b CH 02 2417MHz		2389.1	56.63	-17.37	74	53.62	27.05	7.45	31.49	116	318	P	H
		2389.94	45.22	-8.78	54	42.21	27.05	7.45	31.49	116	318	A	H
	*	2417	107.89	-	-	104.83	27.09	7.45	31.48	116	318	P	H
	*	2417	103.43	-	-	100.37	27.09	7.45	31.48	116	318	A	H
													H
													H
		2356.62	57.24	-16.76	74	54.4	26.97	7.37	31.5	279	269	P	V
		2388.96	45.69	-8.31	54	42.68	27.05	7.45	31.49	279	269	A	V
	*	2417	110.23	-	-	107.17	27.09	7.45	31.48	279	269	P	V
	*	2417	105.6	-	-	102.54	27.09	7.45	31.48	279	269	A	V
													V
													V



802.11b CH 06 2437MHz		2376.36	56.07	-17.93	74	53.18	27.01	7.37	31.49	128	327	P	H
		2389.38	43.85	-10.15	54	40.84	27.05	7.45	31.49	128	327	A	H
	*	2436	105.92	-	-	102.78	27.13	7.49	31.48	128	327	P	H
	*	2436	101.58	-	-	98.44	27.13	7.49	31.48	128	327	A	H
		2497.34	56.67	-17.33	74	53.3	27.3	7.53	31.46	128	327	P	H
		2483.5	44.04	-9.96	54	40.72	27.26	7.53	31.47	128	327	A	H
		2362.64	55.56	-18.44	74	52.72	26.97	7.37	31.5	271	108	P	V
		2389.1	43.95	-10.05	54	40.94	27.05	7.45	31.49	271	108	A	V
	*	2436	108.21	-	-	105.07	27.13	7.49	31.48	271	108	P	V
	*	2436	103.75	-	-	100.61	27.13	7.49	31.48	271	108	A	V
		2485.58	55.51	-18.49	74	52.19	27.26	7.53	31.47	271	108	P	V
		2483.5	44.18	-9.82	54	40.86	27.26	7.53	31.47	271	108	A	V
802.11b CH 10 2457MHz	*	2457	106.75	-	-	103.51	27.22	7.49	31.47	100	305	P	H
	*	2457	102.62	-	-	99.38	27.22	7.49	31.47	100	305	A	H
		2490.16	56.26	-17.74	74	52.9	27.3	7.53	31.47	100	305	P	H
		2483.8	44.84	-9.16	54	41.52	27.26	7.53	31.47	100	305	A	H
													H
													H
	*	2457	110.18	-	-	106.94	27.22	7.49	31.47	297	270	P	V
	*	2457	105.94	-	-	102.7	27.22	7.49	31.47	297	270	A	V
		2487.88	56.1	-17.9	74	52.74	27.3	7.53	31.47	297	270	P	V
		2483.68	45.74	-8.26	54	42.42	27.26	7.53	31.47	297	270	A	V
													V
													V



802.11b CH 11 2462MHz	*	2462	106.77	-	-	103.49	27.22	7.53	31.47	100	305	P	H
	*	2462	102.45	-	-	99.17	27.22	7.53	31.47	100	305	A	H
		2484.32	57.12	-16.88	74	53.8	27.26	7.53	31.47	100	305	P	H
		2483.52	47.29	-6.71	54	43.97	27.26	7.53	31.47	100	305	A	H
													H
													H
	*	2462	109.42	-	-	106.14	27.22	7.53	31.47	296	273	P	V
	*	2462	105.02	-	-	101.74	27.22	7.53	31.47	296	273	A	V
		2483.64	57.97	-16.03	74	54.65	27.26	7.53	31.47	296	273	P	V
		2483.52	49.71	-4.29	54	46.39	27.26	7.53	31.47	296	273	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11b CH 01 2412MHz		4824	42.75	-31.25	74	58.89	31.26	10.74	58.14	100	0	P	H
													H
													H
													H
		4824	42.36	-31.64	74	58.5	31.26	10.74	58.14	100	0	P	V
													V
													V
													V
802.11b CH 06 2437MHz		4872	44.08	-29.92	74	59.96	31.33	10.89	58.1	100	0	P	H
		7308	44.82	-29.18	74	53.66	36.07	14.18	59.09	100	0	P	H
													H
													H
		4872	43.66	-30.34	74	59.54	31.33	10.89	58.1	100	0	P	V
		7308	44.41	-29.59	74	53.25	36.07	14.18	59.09	100	0	P	V
													V
													V
802.11b CH 11 2462MHz		4926	45.64	-28.36	74	61.26	31.4	11.04	58.06	100	0	P	H
		7386	44.48	-29.52	74	53.04	36.31	14.27	59.14	100	0	P	H
													H
													H
		4926	45.91	-28.09	74	61.53	31.4	11.04	58.06	100	0	P	V
		7386	43.48	-30.52	74	52.04	36.31	14.27	59.14	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		2390	64.7	-9.3	74	61.69	27.05	7.45	31.49	294	58	P	H
		2390	52.93	-1.07	54	49.92	27.05	7.45	31.49	294	58	A	H
	*	2412	108.15	-	-	105.1	27.09	7.45	31.49	294	58	P	H
	*	2412	99.49	-	-	96.44	27.09	7.45	31.49	294	58	A	H
													H
													H
		2389.485	63.85	-10.15	74	60.84	27.05	7.45	31.49	100	115	P	V
		2390	52.15	-1.85	54	49.14	27.05	7.45	31.49	100	115	A	V
	*	2412	107.34	-	-	104.29	27.09	7.45	31.49	100	115	P	V
	*	2412	97.7	-	-	94.65	27.09	7.45	31.49	100	115	A	V
													V
													V
802.11g CH 02 2417MHz		2389.38	63.48	-10.52	74	60.47	27.05	7.45	31.49	295	58	P	H
		2389.94	52.11	-1.89	54	49.1	27.05	7.45	31.49	295	58	A	H
	*	2417	111.5	-	-	108.44	27.09	7.45	31.48	295	58	P	H
	*	2417	102.45	-	-	99.39	27.09	7.45	31.48	295	58	A	H
													H
													H
		2389.8	63.04	-10.96	74	60.03	27.05	7.45	31.49	100	113	P	V
		2389.94	51.88	-2.12	54	48.87	27.05	7.45	31.49	100	113	A	V
	*	2417	110.08	-	-	107.02	27.09	7.45	31.48	100	113	P	V
	*	2417	100.9	-	-	97.84	27.09	7.45	31.48	100	113	A	V
													V
													V



802.11g CH 06 2437MHz		2389.8	60.32	-13.68	74	57.31	27.05	7.45	31.49	287	62	P	H
		2389.66	46.56	-7.44	54	43.55	27.05	7.45	31.49	287	62	A	H
	*	2435	112.05	-	-	108.91	27.13	7.49	31.48	287	62	P	H
	*	2435	102.5	-	-	99.36	27.13	7.49	31.48	287	62	A	H
		2484.81	56.08	-17.92	74	52.76	27.26	7.53	31.47	287	62	P	H
		2483.97	45.85	-8.15	54	42.53	27.26	7.53	31.47	287	62	A	H
		2389.8	59.05	-14.95	74	56.04	27.05	7.45	31.49	103	104	P	V
		2389.8	46.56	-7.44	54	43.55	27.05	7.45	31.49	103	104	A	V
	*	2436	110.61	-	-	107.47	27.13	7.49	31.48	103	104	P	V
	*	2436	101.25	-	-	98.11	27.13	7.49	31.48	103	104	A	V
		2483.55	56.22	-17.78	74	52.9	27.26	7.53	31.47	103	104	P	V
		2483.69	45.4	-8.6	54	42.08	27.26	7.53	31.47	103	104	A	V
802.11g CH 10 2457MHz	*	2457	113.12	-	-	109.88	27.22	7.49	31.47	290	59	P	H
	*	2457	103.28	-	-	100.04	27.22	7.49	31.47	290	59	A	H
		2483.68	65.92	-8.08	74	62.6	27.26	7.53	31.47	290	59	P	H
		2483.74	52.56	-1.44	54	49.24	27.26	7.53	31.47	290	59	A	H
													H
													H
	*	2457	110.42	-	-	107.18	27.22	7.49	31.47	118	98	P	V
	*	2457	101.36	-	-	98.12	27.22	7.49	31.47	118	98	A	V
		2484.22	64.95	-9.05	74	61.63	27.26	7.53	31.47	118	98	P	V
		2483.5	51.75	-2.25	54	48.43	27.26	7.53	31.47	118	98	A	V
													V
													V



802.11g CH 11 2462MHz	*	2462	112.15	-	-	108.87	27.22	7.53	31.47	285	57	P	H
	*	2462	102.59	-	-	99.31	27.22	7.53	31.47	285	57	A	H
		2484.04	65.68	-8.32	74	62.36	27.26	7.53	31.47	285	57	P	H
		2483.56	52.52	-1.48	54	49.2	27.26	7.53	31.47	285	57	A	H
													H
													H
	*	2460	109.24	-	-	106	27.22	7.49	31.47	100	92	P	V
	*	2460	100.53	-	-	97.29	27.22	7.49	31.47	100	92	A	V
		2484.4	64.29	-9.71	74	60.97	27.26	7.53	31.47	100	92	P	V
		2483.56	51.11	-2.89	54	47.79	27.26	7.53	31.47	100	92	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11g (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		4824	39.08	-34.92	74	55.22	31.26	10.74	58.14	100	0	P	H
													H
													H
													H
		4824	38.2	-35.8	74	54.34	31.26	10.74	58.14	100	0	P	V
													V
													V
													V
802.11g CH 06 2437MHz		4872	40.67	-33.33	74	56.55	31.33	10.89	58.1	100	0	P	H
		7308	49.51	-24.49	74	58.35	36.07	14.18	59.09	100	0	P	H
													H
													H
		4872	40.96	-33.04	74	56.84	31.33	10.89	58.1	100	0	P	V
		7308	50.61	-23.39	74	59.45	36.07	14.18	59.09	100	0	P	V
													V
													V
802.11g CH 11 2462MHz		4926	41.63	-32.37	74	57.25	31.4	11.04	58.06	100	0	P	H
		7386	47.5	-26.5	74	56.06	36.31	14.27	59.14	100	0	P	H
													H
													H
		4926	40.25	-33.75	74	55.87	31.4	11.04	58.06	100	0	P	V
		7386	43.48	-30.52	74	52.04	36.31	14.27	59.14	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 01 2412MHz		2390	66.36	-7.64	74	63.35	27.05	7.45	31.49	295	56	P	H
		2390	52.22	-1.78	54	49.21	27.05	7.45	31.49	295	56	A	H
	*	2412	106.05	-	-	103	27.09	7.45	31.49	295	56	P	H
	*	2412	97.11	-	-	94.06	27.09	7.45	31.49	295	56	A	H
													H
													H
		2389.905	64.54	-9.46	74	61.53	27.05	7.45	31.49	100	112	P	V
		2390	52.13	-1.87	54	49.12	27.05	7.45	31.49	100	112	A	V
	*	2412	105.59	-	-	102.54	27.09	7.45	31.49	100	112	P	V
	*	2412	96.56	-	-	93.51	27.09	7.45	31.49	100	112	A	V
													V
													V
802.11ac VHT20 CH 02 2417MHz		2389.24	63.36	-10.64	74	60.35	27.05	7.45	31.49	273	64	P	H
		2389.94	52.48	-1.52	54	49.47	27.05	7.45	31.49	273	64	A	H
	*	2417	111.7	-	-	108.64	27.09	7.45	31.48	273	64	P	H
	*	2417	102.64	-	-	99.58	27.09	7.45	31.48	273	64	A	H
													H
													H
		2389.94	63.66	-10.34	74	60.65	27.05	7.45	31.49	122	116	P	V
		2389.94	52.78	-1.22	54	49.77	27.05	7.45	31.49	122	116	A	V
	*	2417	109.66	-	-	106.6	27.09	7.45	31.48	122	116	P	V
	*	2412	100.45	-	-	97.4	27.09	7.45	31.49	122	116	A	V
													V
													V



802.11ac VHT20 CH 06 2437MHz		2389.52	58.11	-15.89	74	55.1	27.05	7.45	31.49	290	62	P	H
		2389.24	46.79	-7.21	54	43.78	27.05	7.45	31.49	290	62	A	H
	*	2435	110.32	-	-	107.18	27.13	7.49	31.48	290	62	P	H
	*	2435	101.27	-	-	98.13	27.13	7.49	31.48	290	62	A	H
		2492.79	55.96	-18.04	74	52.59	27.3	7.53	31.46	290	62	P	H
		2483.9	45.91	-8.09	54	42.59	27.26	7.53	31.47	290	62	A	H
		2389.8	57.8	-16.2	74	54.79	27.05	7.45	31.49	120	102	P	V
		2389.8	46.42	-7.58	54	43.41	27.05	7.45	31.49	120	102	A	V
	*	2435	109.42	-	-	106.28	27.13	7.49	31.48	120	102	P	V
	*	2435	100.61	-	-	97.47	27.13	7.49	31.48	120	102	A	V
		2497.13	56.24	-17.76	74	52.87	27.3	7.53	31.46	120	102	P	V
		2483.5	45.65	-8.35	54	42.33	27.26	7.53	31.47	120	102	A	V
802.11ac VHT20 CH 10 2457MHz	*	2457	111.36	-	-	108.12	27.22	7.49	31.47	281	63	P	H
	*	2457	101.74	-	-	98.5	27.22	7.49	31.47	281	63	A	H
		2483.86	63.83	-10.17	74	60.51	27.26	7.53	31.47	281	63	P	H
		2483.5	52.53	-1.47	54	49.21	27.26	7.53	31.47	281	63	A	H
													H
													H
	*	2457	108.48	-	-	105.24	27.22	7.49	31.47	100	116	P	V
	*	2457	99.16	-	-	95.92	27.22	7.49	31.47	100	116	A	V
		2484.1	60.46	-13.54	74	57.14	27.26	7.53	31.47	100	116	P	V
		2483.5	48.4	-5.6	54	45.08	27.26	7.53	31.47	100	116	A	V
													V
													V



802.11ac VHT20 CH 11 2462MHz	*	2462	110.72	-	-	107.44	27.22	7.53	31.47	281	63	P	H
	*	2462	101.26	-	-	97.98	27.22	7.53	31.47	281	63	A	H
		2484.52	65.84	-8.16	74	62.52	27.26	7.53	31.47	281	63	P	H
		2483.56	52.1	-1.9	54	48.78	27.26	7.53	31.47	281	63	A	H
													H
													H
	*	2462	107.34	-	-	104.06	27.22	7.53	31.47	100	115	P	V
	*	2462	98.39	-	-	95.11	27.22	7.53	31.47	100	115	A	V
		2483.68	61.57	-12.43	74	58.25	27.26	7.53	31.47	100	115	P	V
		2483.52	49.32	-4.68	54	46	27.26	7.53	31.47	100	115	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT20 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT20 CH 01 2412MHz		4824	38.54	-35.46	74	54.68	31.26	10.74	58.14	100	0	P	H
													H
													H
													H
		4824	38.75	-35.25	74	54.89	31.26	10.74	58.14	100	0	P	V
													V
													V
802.11ac VHT20 CH 06 2437MHz		4872	39.27	-34.73	74	55.15	31.33	10.89	58.1	100	0	P	H
		7308	49.55	-24.45	74	58.39	36.07	14.18	59.09	100	0	P	H
													H
													H
		4872	42.27	-31.73	74	58.15	31.33	10.89	58.1	100	0	P	V
		7308	50.78	-23.22	74	59.62	36.07	14.18	59.09	100	0	P	V
													V
802.11ac VHT20 CH 11 2462MHz		4926	40.26	-33.74	74	55.88	31.4	11.04	58.06	100	0	P	H
		7386	43.21	-30.79	74	51.77	36.31	14.27	59.14	100	0	P	H
													H
													H
		4926	39.84	-34.16	74	55.46	31.4	11.04	58.06	100	0	P	V
		7386	43.83	-30.17	74	52.39	36.31	14.27	59.14	100	0	P	V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		2389.94	63.14	-10.86	74	60.13	27.05	7.45	31.49	284	64	P	H
		2389.52	52.98	-1.02	54	49.97	27.05	7.45	31.49	284	64	A	H
	*	2422	104.35	-	-	101.21	27.13	7.49	31.48	284	64	P	H
	*	2422	95.15	-	-	92.01	27.13	7.49	31.48	284	64	A	H
		2486.14	56.98	-17.02	74	53.66	27.26	7.53	31.47	284	64	P	H
		2484.11	46	-8	54	42.68	27.26	7.53	31.47	284	64	A	H
		2388.54	61.33	-12.67	74	58.32	27.05	7.45	31.49	123	115	P	V
		2389.94	52.74	-1.26	54	49.73	27.05	7.45	31.49	123	115	A	V
	*	2422	100.96	-	-	97.82	27.13	7.49	31.48	123	115	P	V
	*	2422	92.43	-	-	89.29	27.13	7.49	31.48	123	115	A	V
		2492.16	55.61	-18.39	74	52.24	27.3	7.53	31.46	123	115	P	V
		2485.44	45.51	-8.49	54	42.19	27.26	7.53	31.47	123	115	A	V
802.11ac VHT40 CH 04 2427MHz		2389.8	62.11	-11.89	74	59.1	27.05	7.45	31.49	283	64	P	H
		2389.52	52.62	-1.38	54	49.61	27.05	7.45	31.49	283	64	A	H
	*	2427	103.07	-	-	99.93	27.13	7.49	31.48	283	64	P	H
	*	2427	94.49	-	-	91.35	27.13	7.49	31.48	283	64	A	H
		2498.95	56.23	-17.77	74	52.86	27.3	7.53	31.46	283	64	P	H
		2484.95	45.99	-8.01	54	42.67	27.26	7.53	31.47	283	64	A	H
		2389.94	60.83	-13.17	74	57.82	27.05	7.45	31.49	100	117	P	V
		2389.94	51.62	-2.38	54	48.61	27.05	7.45	31.49	100	117	A	V
	*	2427	101.05	-	-	97.91	27.13	7.49	31.48	100	117	P	V
	*	2427	91.6	-	-	88.46	27.13	7.49	31.48	100	117	A	V
		2488.66	58.16	-15.84	74	54.8	27.3	7.53	31.47	100	117	P	V
		2486.35	45.51	-8.49	54	42.19	27.26	7.53	31.47	100	117	A	V



802.11ac VHT40 CH 06 2437MHz		2388.68	61.83	-12.17	74	58.82	27.05	7.45	31.49	290	61	P	H
		2388.96	50.68	-3.32	54	47.67	27.05	7.45	31.49	290	61	A	H
	*	2435	105.59	-	-	102.45	27.13	7.49	31.48	290	61	P	H
	*	2435	96.59	-	-	93.45	27.13	7.49	31.48	290	61	A	H
		2483.5	63.81	-10.19	74	60.49	27.26	7.53	31.47	290	61	P	H
		2483.5	52.34	-1.66	54	49.02	27.26	7.53	31.47	290	61	A	H
		2389.66	61.76	-12.24	74	58.75	27.05	7.45	31.49	120	104	P	V
		2389.94	51.53	-2.47	54	48.52	27.05	7.45	31.49	120	104	A	V
	*	2435	104.84	-	-	101.7	27.13	7.49	31.48	120	104	P	V
	*	2435	95.47	-	-	92.33	27.13	7.49	31.48	120	104	A	V
		2484.67	61.99	-12.01	74	58.67	27.26	7.53	31.47	120	104	P	V
		2483.62	49.77	-4.23	54	46.45	27.26	7.53	31.47	120	104	A	V
802.11ac VHT40 CH 08 2447MHz		2388.4	56.74	-17.26	74	53.73	27.05	7.45	31.49	274	64	P	H
		2389.66	47.9	-6.1	54	44.89	27.05	7.45	31.49	274	64	A	H
	*	2447	105.79	-	-	102.55	27.22	7.49	31.47	274	64	P	H
	*	2447	96.85	-	-	93.61	27.22	7.49	31.47	274	64	A	H
		2484.04	62.83	-11.17	74	59.51	27.26	7.53	31.47	274	64	P	H
		2483.48	52.94	-1.06	54	49.62	27.26	7.53	31.47	274	64	A	H
		2387.28	56.74	-17.26	74	53.73	27.05	7.45	31.49	100	115	P	V
		2389.52	47.07	-6.93	54	44.06	27.05	7.45	31.49	100	115	A	V
	*	2447	103.43	-	-	100.23	27.18	7.49	31.47	100	115	P	V
	*	2447	94.66	-	-	91.46	27.18	7.49	31.47	100	115	A	V
		2485.3	60.28	-13.72	74	56.96	27.26	7.53	31.47	100	115	P	V
		2484.6	49.17	-4.83	54	45.85	27.26	7.53	31.47	100	115	A	V



802.11ac VHT40 CH 09 2452MHz		2389.94	56.45	-17.55	74	53.44	27.05	7.45	31.49	280	62	P	H
		2389.94	47.36	-6.64	54	44.35	27.05	7.45	31.49	280	62	A	H
	*	2452	106.91	-	-	103.71	27.18	7.49	31.47	280	62	P	H
	*	2452	97.44	-	-	94.24	27.18	7.49	31.47	280	62	A	H
		2484.88	62.9	-11.1	74	59.58	27.26	7.53	31.47	280	62	P	H
		2483.62	52.31	-1.69	54	48.99	27.26	7.53	31.47	280	62	A	H
		2389.66	56.36	-17.64	74	53.35	27.05	7.45	31.49	100	115	P	V
		2389.94	46.82	-7.18	54	43.81	27.05	7.45	31.49	100	115	A	V
	*	2452	104.05	-	-	100.85	27.18	7.49	31.47	100	115	P	V
	*	2452	95.02	-	-	91.82	27.18	7.49	31.47	100	115	A	V
		2484.25	61.78	-12.22	74	58.46	27.26	7.53	31.47	100	115	P	V
		2484.32	50.23	-3.77	54	46.91	27.26	7.53	31.47	100	115	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ac VHT40 (Harmonic @ 3m)

WIFI Ant. 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT40 CH 03 2422MHz		4844	37.7	-36.3	74	53.8	31.28	10.74	58.12	100	0	P	H
		7266	43.16	-30.84	74	52.12	35.97	14.14	59.07	100	0	P	H
													H
													H
		4842	37.58	-36.42	74	53.68	31.28	10.74	58.12	100	0	P	V
		7266	41.95	-32.05	74	50.91	35.97	14.14	59.07	100	0	P	V
													V
													V
802.11ac VHT40 CH 06 2437MHz		4874	37.95	-36.05	74	53.83	31.33	10.89	58.1	100	0	P	H
		7311	43.21	-30.79	74	52.05	36.07	14.18	59.09	100	0	P	H
													H
													H
		4874	37.63	-36.37	74	53.51	31.33	10.89	58.1	100	0	P	V
		7311	42.84	-31.16	74	51.68	36.07	14.18	59.09	100	0	P	V
													V
													V
802.11ac VHT40 CH 09 2452MHz		4902	38.64	-35.36	74	54.29	31.38	11.04	58.07	100	0	P	H
		7356	43.19	-30.81	74	51.88	36.21	14.22	59.12	100	0	P	H
													H
													H
		4902	38.46	-35.54	74	54.11	31.38	11.04	58.07	100	0	P	V
		7356	44.09	-29.91	74	52.78	36.21	14.22	59.12	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Emission below 1GHz

5GHz WIFI 802.11ac VHT40 (LF)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	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)
5GHz 802.11ac VHT40 LF		31.08	22.46	-17.54	40	28.88	25.26	0.78	32.46	-	-	P	H
		105.33	23.54	-19.96	43.5	37.88	16.66	1.43	32.43	-	-	P	H
		237.63	23.56	-22.44	46	36.65	17.42	1.83	32.34	-	-	P	H
		322.4	26.34	-19.66	46	36.1	20.16	2.34	32.26	-	-	P	H
		881.7	30.73	-15.27	46	29.17	28.79	4.45	31.68	-	-	P	H
		920.9	31.72	-14.28	46	29.03	29.48	4.6	31.39	100	53	P	H
													H
													H
													H
													H
													H
													H
		32.7	30.66	-9.34	40	38.16	24.18	0.78	32.46	100	121	P	V
		66.72	24.6	-15.4	40	43.84	12.15	1.06	32.45	-	-	P	V
		91.56	31.36	-12.14	43.5	47.82	14.92	1.06	32.44	-	-	P	V
		237.63	23.86	-22.14	46	36.95	17.42	1.83	32.34	-	-	P	V
		812.4	29.62	-16.38	46	29.6	28	4.14	32.12	-	-	P	V
		949.6	31.41	-14.59	46	27.49	30.3	4.75	31.13	-	-	P	V
													V
													V
												V	
												V	
												V	
												V	
												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	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	Cable	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)
802.11b		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. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Cable 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) + Cable 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”.