



<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	
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	



<b>802.11b</b> <b>CH 11</b> <b>2462MHz</b>	*	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
<b>Remark</b>	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
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
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
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	



<b>802.11g CH 06 2437MHz</b>		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
	<b>802.11g CH 10 2457MHz</b>	*	2457	113.12	-	-	109.88	27.22	7.49	31.47	290	59	P
*		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	



<b>802.11g</b> <b>CH 11</b> <b>2462MHz</b>	*	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
<b>Remark</b>	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
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
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
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	



<b>802.11ac</b> <b>VHT20</b> <b>CH 11</b> <b>2462MHz</b>	*	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	
<b>Remark</b>	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



<b>802.11ac</b> <b>VHT40</b> <b>CH 09</b> <b>2452MHz</b>		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
<b>Remark</b>	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
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
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
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	
													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	<ol style="list-style-type: none"> <li>No other spurious found.</li> <li>All results are PASS against limit line.</li> </ol>													



**Note symbol**

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



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

- Level(dBμV/m) =  
Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
- Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

- 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)
- Over Limit(dB)  
= Level(dBμV/m) – Limit Line(dBμV/m)  
= 55.45(dBμV/m) – 74(dBμV/m)  
= -18.55(dB)

**For Average Limit @ 2390MHz:**

- 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)
- 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”.**