



## Appendix B. Radiated Spurious Emission

Test Engineer :	Jesse Wang, Derreck Chen, and James Chiu	Temperature :	21~24°C
		Relative Humidity :	50~54%

Band 1 - 5150~5250MHz

WIFI 802.11a (Band Edge @ 3m)

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 )	
802.11a CH 36 5180MHz		5146.9	57.11	-16.89	74	46.46	34.66	11.21	35.22	132	265	P	H	
		5150	48.67	-5.33	54	38.02	34.66	11.21	35.22	132	265	A	H	
	*	5180	110.29	-	-	99.56	34.74	11.21	35.22	132	265	P	H	
	*	5180	103.18	-	-	92.45	34.74	11.21	35.22	132	265	A	H	
													H	
														H
			5149.24	57.46	-16.54	74	46.81	34.66	11.21	35.22	216	353	P	V
			5148.98	51.4	-2.6	54	40.75	34.66	11.21	35.22	216	353	A	V
	*		5180	115.76	-	-	105.03	34.74	11.21	35.22	216	353	P	V
	*		5180	108.58	-	-	97.85	34.74	11.21	35.22	216	353	A	V
														V
														V
802.11a CH 44 5220MHz		5125.84	52.38	-21.62	74	41.8	34.62	11.18	35.22	304	270	P	H	
		5124.02	44.16	-9.84	54	33.58	34.62	11.18	35.22	304	270	A	H	
	*	5220	113.4	-	-	102.55	34.82	11.25	35.22	304	270	P	H	
	*	5220	106.2	-	-	95.35	34.82	11.25	35.22	304	270	A	H	
			5364.24	50.76	-23.24	74	39.05	35.18	11.76	35.23	304	270	P	H
			5435.76	41.75	-12.25	54	29.76	35.34	11.89	35.24	304	270	A	H
			5134.16	52.03	-21.97	74	41.45	34.62	11.18	35.22	197	293	P	V
			5124.02	45.2	-8.8	54	34.62	34.62	11.18	35.22	197	293	A	V
	*		5220	116.14	-	-	105.29	34.82	11.25	35.22	197	293	P	V
	*		5220	108.84	-	-	97.99	34.82	11.25	35.22	197	293	A	V
			5421.6	49.86	-24.14	74	37.91	35.3	11.89	35.24	197	293	P	V
			5391.12	42.13	-11.87	54	30.25	35.22	11.89	35.23	197	293	A	V



<b>802.11a CH 48 5240MHz</b>		5069.94	51.87	-22.13	74	41.48	34.46	11.14	35.21	143	266	P	H
		5144.04	43.93	-10.07	54	33.28	34.66	11.21	35.22	143	266	A	H
	*	5240	111.89	-	-	100.87	34.86	11.38	35.22	143	266	P	H
	*	5240	105.33	-	-	94.31	34.86	11.38	35.22	143	266	A	H
		5389.68	49.82	-24.18	74	37.94	35.22	11.89	35.23	143	266	P	H
		5411.28	41.96	-12.04	54	30.04	35.26	11.89	35.23	143	266	A	H
		5144.56	52.29	-21.71	74	41.64	34.66	11.21	35.22	208	352	P	V
		5144.04	45.93	-8.07	54	35.28	34.66	11.21	35.22	208	352	A	V
	*	5240	116.43	-	-	105.41	34.86	11.38	35.22	208	352	P	V
	*	5240	109.83	-	-	98.81	34.86	11.38	35.22	208	352	A	V
		5381.76	50.1	-23.9	74	38.22	35.22	11.89	35.23	208	352	P	V
		5384.16	42.73	-11.27	54	30.85	35.22	11.89	35.23	208	352	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (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)
802.11a CH 36 5180MHz		10360	50.3	-23.7	74	54.97	37.37	17.17	59.21	100	0	P	H
		15540	45.35	-28.65	74	42.56	40.36	19.61	57.18	100	0	P	H
													H
													H
		10360	53.94	-20.06	74	58.61	37.37	17.17	59.21	200	0	P	V
		10360	45.16	-8.84	54	49.83	37.37	17.17	59.21	200	0	A	V
		15540	46.11	-27.89	74	43.32	40.36	19.61	57.18	100	0	P	V
802.11a CH 44 5220MHz		10440	50.48	-23.52	74	55.03	37.43	17.17	59.15	100	0	P	H
		15660	45.34	-28.66	74	42.19	40.58	19.68	57.11	100	0	P	H
													H
													H
		10440	53.5	-20.5	74	58.05	37.43	17.17	59.15	200	0	P	V
		10440	45.03	-8.97	54	49.58	37.43	17.17	59.15	200	0	A	V
		15660	46.53	-27.47	74	43.38	40.58	19.68	57.11	100	0	P	V
802.11a CH 48 5240MHz		10480	50.71	-23.29	74	55.17	37.48	17.17	59.11	100	0	P	H
		15720	47.98	-26.02	74	44.62	40.7	19.73	57.07	100	0	P	H
													H
													H
		10480	53.68	-20.32	74	58.14	37.48	17.17	59.11	200	0	P	V
		10480	44.48	-9.52	54	48.94	37.48	17.17	59.11	200	0	A	V
		15720	48.61	-25.39	74	45.25	40.7	19.73	57.07	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11n HT20 CH 36 5180MHz		5150	60.28	-13.72	74	49.63	34.66	11.21	35.22	175	302	P	H	
		5150	51.86	-2.14	54	41.21	34.66	11.21	35.22	175	302	A	H	
	*	5180	113.29	-	-	102.56	34.74	11.21	35.22	175	302	P	H	
	*	5180	106.68	-	-	95.95	34.74	11.21	35.22	175	302	A	H	
													H	
														H
			5145.08	59.12	-14.88	74	48.47	34.66	11.21	35.22	212	354	P	V
			5149.24	52.82	-1.18	54	42.17	34.66	11.21	35.22	212	354	A	V
		*	5180	114.09	-	-	103.36	34.74	11.21	35.22	212	354	P	V
		*	5180	108.54	-	-	97.81	34.74	11.21	35.22	212	354	A	V
													V	
													V	
802.11n HT20 CH 44 5220MHz		5096.46	52.97	-21.03	74	42.51	34.54	11.14	35.22	151	295	P	H	
		5123.76	45.04	-8.96	54	34.46	34.62	11.18	35.22	151	295	A	H	
	*	5220	115.06	-	-	104.21	34.82	11.25	35.22	151	295	P	H	
	*	5220	108.26	-	-	97.41	34.82	11.25	35.22	151	295	A	H	
			5358.96	49.87	-24.13	74	38.2	35.14	11.76	35.23	151	295	P	H
			5394	42.18	-11.82	54	30.3	35.22	11.89	35.23	151	295	A	H
			5149.24	53.33	-20.67	74	42.68	34.66	11.21	35.22	200	302	P	V
			5124.02	46.55	-7.45	54	35.97	34.62	11.18	35.22	200	302	A	V
		*	5224	117.81	-	-	106.83	34.82	11.38	35.22	200	302	P	V
		*	5224	110.14	-	-	99.16	34.82	11.38	35.22	200	302	A	V
		5400.72	50.36	-23.64	74	38.44	35.26	11.89	35.23	200	302	P	V	
		5398.32	42.92	-11.08	54	31	35.26	11.89	35.23	200	302	A	V	



802.11n HT20 CH 48 5240MHz		5093.08	51.79	-22.21	74	41.33	34.54	11.14	35.22	158	312	P	H
		5148.72	44.35	-9.65	54	33.7	34.66	11.21	35.22	158	312	A	H
	*	5240	115.89	-	-	104.87	34.86	11.38	35.22	158	312	P	H
	*	5240	108.37	-	-	97.35	34.86	11.38	35.22	158	312	A	H
		5357.28	49.97	-24.03	74	38.3	35.14	11.76	35.23	158	312	P	H
		5418	42.08	-11.92	54	30.13	35.3	11.89	35.24	158	312	A	H
		5143.26	54.27	-19.73	74	43.62	34.66	11.21	35.22	247	300	P	V
		5144.04	45.77	-8.23	54	35.12	34.66	11.21	35.22	247	300	A	V
	*	5240	116.73	-	-	105.71	34.86	11.38	35.22	247	300	P	V
	*	5240	109.63	-	-	98.61	34.86	11.38	35.22	247	300	A	V
		5452.08	50.56	-23.44	74	38.53	35.38	11.89	35.24	247	300	P	V
		5412.48	42.84	-11.16	54	30.88	35.3	11.89	35.23	247	300	A	V
Remark	<p>1. No other spurious found.</p> <p>2. All results are PASS against Peak and Average limit line.</p>												



Band 1 5150~5250MHz

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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10360	55.91	-18.09	74	60.58	37.37	17.17	59.21	193	335	P	H
		10360	45.84	-8.16	54	50.51	37.37	17.17	59.21	193	335	A	H
		15540	45.03	-28.97	74	42.24	40.36	19.61	57.18	100	0	P	H
													H
		10360	54.1	-19.9	74	58.77	37.37	17.17	59.21	200	0	P	V
		10360	44.62	-9.38	54	49.29	37.37	17.17	59.21	200	0	A	V
		15540	47.44	-26.56	74	44.65	40.36	19.61	57.18	100	0	P	V
													V
802.11n HT20 CH 44 5220MHz		10440	53.74	-20.26	74	58.29	37.43	17.17	59.15	193	334	P	H
		10440	44.73	-9.27	54	49.28	37.43	17.17	59.15	193	334	A	H
		15660	45.8	-28.2	74	42.65	40.58	19.68	57.11	100	0	P	H
													H
		10440	54.7	-19.3	74	59.25	37.43	17.17	59.15	214	355	P	V
		10440	45.64	-8.36	54	50.19	37.43	17.17	59.15	214	355	A	V
		15660	48.28	-25.72	74	45.13	40.58	19.68	57.11	100	0	P	V
													V
802.11n HT20 CH 48 5240MHz		10480	49.64	-24.36	74	54.1	37.48	17.17	59.11	100	0	P	H
		15720	45.85	-28.15	74	42.49	40.7	19.73	57.07	100	0	P	H
													H
													H
		10480	55.49	-18.51	74	59.95	37.48	17.17	59.11	214	334	P	V
		10480	45.53	-8.47	54	49.99	37.48	17.17	59.11	214	334	A	V
		15720	48.53	-25.47	74	45.17	40.7	19.73	57.07	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11n HT40 CH 38 5190MHz		5133.38	58.91	-15.09	74	48.33	34.62	11.18	35.22	154	296	P	H	
		5150	52.35	-1.65	54	41.7	34.66	11.21	35.22	154	296	A	H	
	*	5190	108.89	-	-	98.12	34.74	11.25	35.22	154	296	P	H	
	*	5190	101.09	-	-	90.32	34.74	11.25	35.22	154	296	A	H	
		5371.92	50.05	-23.95	74	38.34	35.18	11.76	35.23	154	296	P	H	
		5381.52	42.16	-11.84	54	30.28	35.22	11.89	35.23	154	296	A	H	
		5146.9	59.51	-14.49	74	48.86	34.66	11.21	35.22	200	300	P	V	
		5148.72	52.71	-1.29	54	42.06	34.66	11.21	35.22	200	300	A	V	
	*	5190	110.2	-	-	99.43	34.74	11.25	35.22	200	300	P	V	
	*	5190	102.54	-	-	91.77	34.74	11.25	35.22	200	300	A	V	
		5385.36	50.32	-23.68	74	38.44	35.22	11.89	35.23	200	300	P	V	
		5364.72	42.74	-11.26	54	31.03	35.18	11.76	35.23	200	300	A	V	
	802.11n HT40 CH 46 5230MHz		5088.14	56.39	-17.61	74	45.97	34.5	11.14	35.22	154	296	P	H
			5149.76	46.7	-7.3	54	36.05	34.66	11.21	35.22	154	296	A	H
*		5230	111.61	-	-	100.59	34.86	11.38	35.22	154	296	P	H	
*		5230	103.82	-	-	92.8	34.86	11.38	35.22	154	296	A	H	
		5392.32	56.36	-17.64	74	44.48	35.22	11.89	35.23	154	296	P	H	
		5389.2	42.71	-11.29	54	30.83	35.22	11.89	35.23	154	296	A	H	
		5120.9	57.76	-16.24	74	47.22	34.58	11.18	35.22	196	302	P	V	
		5141.7	47.67	-6.33	54	37.02	34.66	11.21	35.22	196	302	A	V	
*		5230	113.47	-	-	102.45	34.86	11.38	35.22	196	302	P	V	
*		5230	105.65	-	-	94.63	34.86	11.38	35.22	196	302	A	V	
	5368.8	52.53	-21.47	74	40.82	35.18	11.76	35.23	196	302	P	V		
	5386.8	43.5	-10.5	54	31.62	35.22	11.89	35.23	196	302	A	V		
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 1 5150~5250MHz

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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11n HT40 CH 38 5190MHz		10380	46.76	-27.24	74	51.4	37.38	17.17	59.19	100	0	P	H	
		15570	43.65	-30.35	74	40.76	40.42	19.63	57.16	100	0	P	H	
													H	
													H	
			10380	48.08	-25.92	74	52.72	37.38	17.17	59.19	100	0	P	V
			15570	43.01	-30.99	74	40.12	40.42	19.63	57.16	100	0	P	V
														V
802.11n HT40 CH 46 5230MHz		10460	48.36	-25.64	74	52.88	37.45	17.17	59.14	100	0	P	H	
		15690	44.58	-29.42	74	41.33	40.64	19.7	57.09	100	0	P	H	
													H	
													H	
			10460	50.71	-23.29	74	55.23	37.45	17.17	59.14	100	0	P	V
			15690	45.34	-28.66	74	42.09	40.64	19.7	57.09	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													





Band 1 5150~5250MHz

WIFI 802.11ac VHT80 (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 VHT80 CH 42 5210MHz		5144.82	58.12	-15.88	74	47.47	34.66	11.21	35.22	156	296	P	H
		5150	51.2	-2.8	54	40.55	34.66	11.21	35.22	156	296	A	H
	*	5210	103.14	-	-	92.29	34.82	11.25	35.22	156	296	P	H
	*	5210	94.95	-	-	84.1	34.82	11.25	35.22	156	296	A	H
		5353.92	52.79	-21.21	74	41.12	35.14	11.76	35.23	156	296	P	H
		5352	44.83	-9.17	54	33.16	35.14	11.76	35.23	156	296	A	H
		5143	60.24	-13.76	74	49.59	34.66	11.21	35.22	200	301	P	V
		5145.08	52.95	-1.05	54	42.3	34.66	11.21	35.22	200	301	A	V
	*	5210	104.25	-	-	93.4	34.82	11.25	35.22	200	301	P	V
	*	5210	96.46	-	-	85.61	34.82	11.25	35.22	200	301	A	V
		5351.52	54.16	-19.84	74	42.49	35.14	11.76	35.23	200	301	P	V
	5352	45.56	-8.44	54	33.89	35.14	11.76	35.23	200	301	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 1 5150~5250MHz**

**WIFI 802.11ac VHT80 (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 VHT80 CH 42 5210MHz		10420	43.91	-30.09	74	48.49	37.42	17.17	59.17	100	0	P	H	
		15630	43.5	-30.5	74	40.39	40.55	19.68	57.12	100	0	P	H	
													H	
													H	
			10420	43.5	-30.5	74	48.08	37.42	17.17	59.17	100	0	P	V
			15630	43.17	-30.83	74	40.06	40.55	19.68	57.12	100	0	P	V
														V
														V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 2 - 5250~5350MHz

WIFI 802.11a (Band Edge @ 3m)

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)
802.11a CH 52 5260MHz		5130.26	51.81	-22.19	74	41.23	34.62	11.18	35.22	151	296	P	H
		5083.98	43.5	-10.5	54	33.08	34.5	11.14	35.22	151	296	A	H
	*	5260	114.7	-	-	103.61	34.94	11.38	35.23	151	296	P	H
	*	5260	107.83	-	-	96.74	34.94	11.38	35.23	151	296	A	H
		5447.28	50.46	-23.54	74	38.43	35.38	11.89	35.24	151	296	P	H
		5356.08	44.17	-9.83	54	32.5	35.14	11.76	35.23	151	296	A	H
		5091.26	53.56	-20.44	74	43.1	34.54	11.14	35.22	200	300	P	V
		5084.24	44.02	-9.98	54	33.6	34.5	11.14	35.22	200	300	A	V
	*	5260	117.11	-	-	106.02	34.94	11.38	35.23	200	300	P	V
	*	5260	109.51	-	-	98.42	34.94	11.38	35.23	200	300	A	V
		5439.12	50.79	-23.21	74	38.8	35.34	11.89	35.24	200	300	P	V
		5356.08	44.52	-9.48	54	32.85	35.14	11.76	35.23	200	300	A	V
802.11a CH 60 5300MHz		5129.48	51.85	-22.15	74	41.27	34.62	11.18	35.22	234	266	P	H
		5124.02	44.25	-9.75	54	33.67	34.62	11.18	35.22	234	266	A	H
	*	5300	112.68	-	-	101.38	35.02	11.51	35.23	234	266	P	H
	*	5300	105.45	-	-	94.15	35.02	11.51	35.23	234	266	A	H
		5427.6	52.41	-21.59	74	40.46	35.3	11.89	35.24	234	266	P	H
		5350.08	45.14	-8.86	54	33.47	35.14	11.76	35.23	234	266	A	H
		5093.34	50.79	-23.21	74	40.33	34.54	11.14	35.22	200	359	P	V
		5107.9	43	-11	54	32.46	34.58	11.18	35.22	200	359	A	V
	*	5300	116.51	-	-	105.21	35.02	11.51	35.23	200	359	P	V
	*	5300	109.04	-	-	97.74	35.02	11.51	35.23	200	359	A	V
		5356.8	53.91	-20.09	74	42.24	35.14	11.76	35.23	200	359	P	V
		5350.08	47.87	-6.13	54	36.2	35.14	11.76	35.23	200	359	A	V



<b>802.11a</b> <b>CH 64</b> <b>5320MHz</b>	*	5320	113	-	-	101.54	35.06	11.63	35.23	153	312	P	H
	*	5320	105.72	-	-	94.26	35.06	11.63	35.23	153	312	A	H
		5350.08	57.86	-16.14	74	46.19	35.14	11.76	35.23	153	312	P	H
		5350.24	49.94	-4.06	54	38.27	35.14	11.76	35.23	153	312	A	H
													H
													H
	*	5320	114.31	-	-	102.85	35.06	11.63	35.23	196	300	P	V
	*	5320	107.25	-	-	95.79	35.06	11.63	35.23	196	300	A	V
		5350.56	60.08	-13.92	74	48.41	35.14	11.76	35.23	196	300	P	V
		5350.56	51.61	-2.39	54	39.94	35.14	11.76	35.23	196	300	A	V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (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)
802.11a CH 52 5260MHz		10520	53.94	-20.06	74	58.34	37.51	17.17	59.08	193	334	P	H
		10520	45.82	-8.18	54	50.22	37.51	17.17	59.08	193	334	A	H
		15780	44.74	-29.26	74	41.22	40.8	19.75	57.03	100	0	P	H
													H
		10520	54.73	-19.27	74	59.13	37.51	17.17	59.08	200	0	P	V
		10520	45.67	-8.33	54	50.07	37.51	17.17	59.08	200	0	A	V
		15780	47	-27	74	43.48	40.8	19.75	57.03	100	0	P	V
													V
802.11a CH 60 5300MHz		10600	50.31	-23.69	74	54.52	37.58	17.17	58.96	100	0	P	H
		15900	45.55	-28.45	74	41.68	41.01	19.82	56.96	100	0	P	H
													H
													H
		10600	55.29	-18.71	74	59.5	37.58	17.17	58.96	200	0	P	V
		10600	46.81	-7.19	54	51.02	37.58	17.17	58.96	200	0	A	V
		15900	47.32	-26.68	74	43.45	41.01	19.82	56.96	100	0	P	V
													V
802.11a CH 64 5320MHz		10640	50.9	-23.1	74	55.03	37.61	17.17	58.91	100	0	P	H
		15960	44.51	-29.49	74	40.42	41.14	19.87	56.92	100	0	P	H
													H
													H
		10645	55.6	-18.4	74	59.73	37.61	17.17	58.91	200	360	P	V
		10645	45.88	-8.12	54	50.01	37.61	17.17	58.91	200	360	A	V
		15960	45.4	-28.6	74	41.31	41.14	19.87	56.92	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level ( dBμV )	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT20 CH 52 5260MHz		5050.96	52.23	-21.77	74	41.91	34.42	11.11	35.21	150	296	P	H
		5080.6	43.34	-10.66	54	32.91	34.5	11.14	35.21	150	296	A	H
	*	5260	115.4	-	-	104.31	34.94	11.38	35.23	150	296	P	H
	*	5260	107.78	-	-	96.69	34.94	11.38	35.23	150	296	A	H
		5436.24	50.58	-23.42	74	38.59	35.34	11.89	35.24	150	296	P	H
		5356.08	43.91	-10.09	54	32.24	35.14	11.76	35.23	150	296	A	H
		5084.24	52.38	-21.62	74	41.96	34.5	11.14	35.22	200	300	P	V
		5084.24	43.89	-10.11	54	33.47	34.5	11.14	35.22	200	300	A	V
	*	5260	116.63	-	-	105.54	34.94	11.38	35.23	200	300	P	V
	*	5260	109.21	-	-	98.12	34.94	11.38	35.23	200	300	A	V
		5452.32	51.37	-22.63	74	39.34	35.38	11.89	35.24	200	300	P	V
		5356.08	43.98	-10.02	54	32.31	35.14	11.76	35.23	200	300	A	V
802.11n HT20 CH 60 5300MHz		5131.04	52.08	-21.92	74	41.5	34.62	11.18	35.22	145	296	P	H
		5124.02	43.73	-10.27	54	33.15	34.62	11.18	35.22	145	296	A	H
	*	5300	114.53	-	-	103.23	35.02	11.51	35.23	145	296	P	H
	*	5300	107.16	-	-	95.86	35.02	11.51	35.23	145	296	A	H
		5368.08	51.86	-22.14	74	40.15	35.18	11.76	35.23	145	296	P	H
		5350.08	45.35	-8.65	54	33.68	35.14	11.76	35.23	145	296	A	H
		5132.6	52.55	-21.45	74	41.97	34.62	11.18	35.22	245	299	P	V
		5124.02	44.39	-9.61	54	33.81	34.62	11.18	35.22	245	299	A	V
	*	5300	116.9	-	-	105.6	35.02	11.51	35.23	245	299	P	V
	*	5300	109.47	-	-	98.17	35.02	11.51	35.23	245	299	A	V
	5351.04	54.62	-19.38	74	42.95	35.14	11.76	35.23	245	299	P	V	
	5350.32	47.43	-6.57	54	35.76	35.14	11.76	35.23	245	299	A	V	



<b>802.11n</b>  <b>HT20</b>  <b>CH 64</b>  <b>5320MHz</b>	*	5320	112.8	-	-	101.34	35.06	11.63	35.23	145	296	P	H
	*	5320	105.49	-	-	94.03	35.06	11.63	35.23	145	296	A	H
		5351.68	57.81	-16.19	74	46.14	35.14	11.76	35.23	145	296	P	H
		5350.4	50.25	-3.75	54	38.58	35.14	11.76	35.23	145	296	A	H
													H
													H
	*	5320	115.2	-	-	103.74	35.06	11.63	35.23	242	298	P	V
	*	5320	107.75	-	-	96.29	35.06	11.63	35.23	242	298	A	V
		5350.88	60.16	-13.84	74	48.49	35.14	11.76	35.23	242	298	P	V
		5350.08	52.59	-1.41	54	40.92	35.14	11.76	35.23	242	298	A	V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT20 CH 52 5260MHz		10520	49.59	-24.41	74	53.99	37.51	17.17	59.08	100	0	P	H	
		15786	44.43	-29.57	74	40.85	40.83	19.77	57.02	100	0	P	H	
													H	
													H	
			10520	53.61	-20.39	74	58.01	37.51	17.17	59.08	200	0	P	V
			10520	44.72	-9.28	54	49.12	37.51	17.17	59.08	200	0	A	V
			15786	49.19	-24.81	74	45.61	40.83	19.77	57.02	100	0	P	V
													V	
802.11n HT20 CH 60 5300MHz		10595	49.96	-24.04	74	54.2	37.57	17.17	58.98	100	0	P	H	
		15900	45.7	-28.3	74	41.83	41.01	19.82	56.96	100	0	P	H	
													H	
													H	
			10595	54.1	-19.9	74	58.34	37.57	17.17	58.98	200	0	P	V
			10595	44.82	-9.18	54	49.06	37.57	17.17	58.98	200	0	A	V
			15900	47.23	-26.77	74	43.36	41.01	19.82	56.96	100	0	P	V
													V	
802.11n HT20 CH 64 5320MHz		10630	50.57	-23.43	74	54.73	37.6	17.17	58.93	100	0	P	H	
		15960	45.7	-28.3	74	41.61	41.14	19.87	56.92	100	0	P	H	
													H	
													H	
			10635	54.68	-19.32	74	58.81	37.61	17.17	58.91	200	0	P	V
			10635	45.21	-8.79	54	49.34	37.61	17.17	58.91	200	0	A	V
			15960	46.83	-27.17	74	42.74	41.14	19.87	56.92	100	0	P	V
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													





Band 2 5250~5350MHz

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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 54 5270MHz		5146.12	58.96	-15.04	74	48.31	34.66	11.21	35.22	155	311	P	H
		5134.94	44.8	-9.2	54	34.22	34.62	11.18	35.22	155	311	A	H
	*	5270	111.32	-	-	100.1	34.94	11.51	35.23	155	311	P	H
	*	5270	103.89	-	-	92.67	34.94	11.51	35.23	155	311	A	H
		5387.52	54.99	-19.01	74	43.11	35.22	11.89	35.23	155	311	P	H
		5353.92	45.56	-8.44	54	33.89	35.14	11.76	35.23	155	311	A	H
		5079.82	58.69	-15.31	74	48.26	34.5	11.14	35.21	246	298	P	V
		5149.5	45.37	-8.63	54	34.72	34.66	11.21	35.22	246	298	A	V
	*	5270	112.74	-	-	101.52	34.94	11.51	35.23	246	298	P	V
	*	5270	105.61	-	-	94.39	34.94	11.51	35.23	246	298	A	V
		5366.88	60.8	-13.2	74	49.09	35.18	11.76	35.23	246	298	P	V
		5351.28	48.15	-5.85	54	36.48	35.14	11.76	35.23	246	298	A	V
802.11n HT40 CH 62 5310MHz		5044.98	51.58	-22.42	74	41.26	34.42	11.11	35.21	144	311	P	H
		5134.16	43.1	-10.9	54	32.52	34.62	11.18	35.22	144	311	A	H
	*	5310	106.42	-	-	94.96	35.06	11.63	35.23	144	311	P	H
	*	5310	99.73	-	-	88.27	35.06	11.63	35.23	144	311	A	H
		5350.08	55.42	-18.58	74	43.75	35.14	11.76	35.23	144	311	P	H
		5350.32	49.43	-4.57	54	37.76	35.14	11.76	35.23	144	311	A	H
		5148.46	52.1	-21.9	74	41.45	34.66	11.21	35.22	246	298	P	V
		5134.16	44.89	-9.11	54	34.31	34.62	11.18	35.22	246	298	A	V
	*	5310	110.25	-	-	98.79	35.06	11.63	35.23	246	298	P	V
	*	5310	103.04	-	-	91.58	35.06	11.63	35.23	246	298	A	V
	5366.88	59.49	-14.51	74	47.78	35.18	11.76	35.23	246	298	P	V	
	5350.08	52.57	-1.43	54	40.9	35.14	11.76	35.23	246	298	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT40 CH 54 5270MHz		10535	50.73	-23.27	74	55.08	37.53	17.17	59.05	100	0	P	H	
		15810	45.33	-28.67	74	41.71	40.86	19.77	57.01	100	0	P	H	
													H	
													H	
			10540	50.71	-23.29	74	55.06	37.53	17.17	59.05	100	0	P	V
			15810	44.98	-29.02	74	41.36	40.86	19.77	57.01	100	0	P	V
														V
802.11n HT40 CH 62 5310MHz		10620	46.93	-27.07	74	51.09	37.6	17.17	58.93	100	0	P	H	
		15930	43.93	-30.07	74	39.95	41.08	19.84	56.94	100	0	P	H	
													H	
													H	
			10620	47.81	-26.19	74	51.97	37.6	17.17	58.93	100	0	P	V
			15930	43.35	-30.65	74	39.37	41.08	19.84	56.94	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (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 VHT80 CH 58 5290MHz		5126.36	53.95	-20.05	74	43.37	34.62	11.18	35.22	152	312	P	H
		5150	47.22	-6.78	54	36.57	34.66	11.21	35.22	152	312	A	H
	*	5290	104.22	-	-	92.96	34.98	11.51	35.23	152	312	P	H
	*	5290	96.89	-	-	85.63	34.98	11.51	35.23	152	312	A	H
		5356.08	56.68	-17.32	74	45.01	35.14	11.76	35.23	152	312	P	H
		5357.28	49.88	-4.12	54	38.21	35.14	11.76	35.23	152	312	A	H
		5148.98	57.15	-16.85	74	46.5	34.66	11.21	35.22	250	298	P	V
		5149.5	49.3	-4.7	54	38.65	34.66	11.21	35.22	250	298	A	V
	*	5290	106.28	-	-	95.02	34.98	11.51	35.23	250	298	P	V
	*	5290	98.81	-	-	87.55	34.98	11.51	35.23	250	298	A	V
		5353.92	58.83	-15.17	74	47.16	35.14	11.76	35.23	250	298	P	V
	5350.32	52.51	-1.49	54	40.84	35.14	11.76	35.23	250	298	A	V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 2 5250~5350MHz**

**WIFI 802.11ac VHT80 (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 VHT80 CH 58 5290MHz		10580	44.5	-29.5	74	48.74	37.57	17.17	58.98	100	0	P	H	
		15870	45.05	-28.95	74	41.22	40.98	19.82	56.97	100	0	P	H	
													H	
													H	
			10580	44.66	-29.34	74	48.9	37.57	17.17	58.98	100	0	P	V
			15870	44.08	-29.92	74	40.25	40.98	19.82	56.97	100	0	P	V
														V
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

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)	
802.11a CH 100 5500MHz		5456.4	59.76	-14.24	74	47.73	35.38	11.89	35.24	273	282	P	H	
		5467.92	63.46	-4.84	68.3	51.39	35.42	11.89	35.24	273	282	P	H	
		5460	51.4	-2.6	54	39.37	35.38	11.89	35.24	273	282	A	H	
	*	5500	114.02	-	-	101.87	35.5	11.89	35.24	273	282	P	H	
		5500	107.03	-	-	94.88	35.5	11.89	35.24	273	282	A	H	
														H
			5451.92	56.59	-17.41	74	44.56	35.38	11.89	35.24	144	0	P	V
			5467.6	62.93	-5.37	68.3	50.86	35.42	11.89	35.24	144	0	P	V
			5459.28	50.02	-3.98	54	37.99	35.38	11.89	35.24	144	0	A	V
	*		5500	116.96	-	-	104.81	35.5	11.89	35.24	144	0	P	V
			5500	109.33	-	-	97.18	35.5	11.89	35.24	144	0	A	V
														V
802.11a CH 116 5580MHz		5397.04	50.69	-23.31	74	38.77	35.26	11.89	35.23	302	260	P	H	
		5403.76	43.16	-10.84	54	31.24	35.26	11.89	35.23	302	260	A	H	
	*	5580	114.02	-	-	101.88	35.51	11.89	35.26	302	260	P	H	
	*	5580	105.76	-	-	93.62	35.51	11.89	35.26	302	260	A	H	
			5756.95	51.89	-22.11	74	39.52	35.55	12.11	35.29	302	260	P	H
			5752.05	42.65	-11.35	54	30.28	35.55	12.11	35.29	302	260	A	H
			5401.12	50.85	-23.15	74	38.93	35.26	11.89	35.23	157	354	P	V
			5404	43.17	-10.83	54	31.25	35.26	11.89	35.23	157	354	A	V
	*		5580	117.04	-	-	104.9	35.51	11.89	35.26	157	354	P	V
	*		5580	109.77	-	-	97.63	35.51	11.89	35.26	157	354	A	V
			5728.775	52.57	-21.43	74	40.26	35.54	12.06	35.29	157	354	P	V
			5755.025	43.15	-10.85	54	30.78	35.55	12.11	35.29	157	354	A	V



<b>802.11a</b> <b>CH 140</b> <b>5700MHz</b>	*	5704	112.23	-	-	99.91	35.54	12.06	35.28	258	296	P	H
		5704	105.28	-	-	92.96	35.54	12.06	35.28	258	296	A	H
		5725.64	66.06	-2.24	68.3	53.75	35.54	12.06	35.29	258	296	P	H
													H
													H
													H
	*	5700	116.48	-	-	104.22	35.54	12	35.28	136	356	P	V
		5700	109.47	-	-	97.21	35.54	12	35.28	136	356	A	V
		5726.92	65.62	-2.68	68.3	53.31	35.54	12.06	35.29	136	356	P	V
													V
													V
													V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (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 )	
802.11a CH 100 5500MHz		11000	54.63	-19.37	74	57.96	37.9	17.17	58.4	200	21	P	H	
		11000	48.3	-5.7	54	51.63	37.9	17.17	58.4	200	21	A	H	
		16500	46.71	-21.59	68.3	40.98	41.6	20.23	56.1	100	0	P	H	
													H	
		11000	58.44	-15.56	74	61.77	37.9	17.17	58.4	200	0	P	V	
		11000	48.85	-5.15	54	52.18	37.9	17.17	58.4	200	0	A	V	
		16500	48.05	-20.25	68.3	42.32	41.6	20.23	56.1	100	0	P	V	
														V
802.11a CH 116 5580MHz		11160	57.16	-16.84	74	59.96	38.07	17.16	58.03	158	328	P	H	
		11160	48.47	-5.53	54	51.27	38.07	17.16	58.03	158	328	A	H	
		16734	49.04	-24.96	74	42.72	41.89	20.39	55.96	100	0	P	H	
													H	
		11160	55.81	-18.19	74	58.61	38.07	17.16	58.03	200	328	P	V	
		11160	47.63	-6.37	54	50.43	38.07	17.16	58.03	200	328	A	V	
		16740	49.21	-24.79	74	42.89	41.89	20.39	55.96	100	0	P	V	
														V
802.11a CH 140 5700MHz		11400	47.27	-26.73	74	49.33	38.3	17.16	57.52	100	0	P	H	
		17100	51.51	-16.79	68.3	44.56	42.14	20.65	55.84	100	0	P	H	
													H	
													H	
		11400	46.7	-27.3	74	48.76	38.3	17.16	57.52	100	0	P	V	
		17100	51.67	-16.63	68.3	44.72	42.14	20.65	55.84	100	0	P	V	
														V
														V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT20 CH 100 5500MHz		5459.6	61.71	-12.29	74	49.68	35.38	11.89	35.24	265	290	P	H	
		5469.84	61.92	-6.38	68.3	49.85	35.42	11.89	35.24	265	290	P	H	
		5460	51.29	-2.71	54	39.26	35.38	11.89	35.24	265	290	A	H	
	*	5500	113.21	-	-	101.06	35.5	11.89	35.24	265	290	P	H	
		5500	105.89	-	-	93.74	35.5	11.89	35.24	265	290	A	H	
														H
			5455.6	58.04	-15.96	74	46.01	35.38	11.89	35.24	136	356	P	V
			5467.76	63.38	-4.92	68.3	51.31	35.42	11.89	35.24	136	356	P	V
			5460	51.01	-2.99	54	38.98	35.38	11.89	35.24	136	356	A	V
	*		5500	117	-	-	104.85	35.5	11.89	35.24	136	356	P	V
			5500	109.35	-	-	97.2	35.5	11.89	35.24	136	356	A	V
													V	
802.11n HT20 CH 116 5580MHz		5463.28	50.4	-23.6	74	38.33	35.42	11.89	35.24	147	295	P	H	
		5406.88	42.48	-11.52	54	30.56	35.26	11.89	35.23	147	295	A	H	
	*	5580	113.81	-	-	101.67	35.51	11.89	35.26	147	295	P	H	
	*	5580	105.81	-	-	93.67	35.51	11.89	35.26	147	295	A	H	
			5764.3	50.53	-23.47	74	38.16	35.55	12.11	35.29	147	295	P	H
			5755.725	42.93	-11.07	54	30.56	35.55	12.11	35.29	147	295	A	H
			5390.56	50.72	-23.28	74	38.84	35.22	11.89	35.23	248	299	P	V
			5404.72	42.75	-11.25	54	30.83	35.26	11.89	35.23	248	299	A	V
	*		5580	116.11	-	-	103.97	35.51	11.89	35.26	248	299	P	V
	*		5580	108.34	-	-	96.2	35.51	11.89	35.26	248	299	A	V
			5761.5	51.77	-22.23	74	39.4	35.55	12.11	35.29	248	299	P	V
		5759.75	44.14	-9.86	54	31.77	35.55	12.11	35.29	248	299	A	V	





<b>802.11n</b> <b>HT20</b> <b>CH 140</b> <b>5700MHz</b>	*	5700	112.21	-	-	99.95	35.54	12	35.28	149	280	P	H
		5700	105.01	-	-	92.75	35.54	12	35.28	149	280	A	H
		5725.4	64.49	-3.81	68.3	52.18	35.54	12.06	35.29	149	280	P	H
													H
													H
													H
	*	5700	115.3	-	-	103.04	35.54	12	35.28	266	309	P	V
		5700	107.36	-	-	95.1	35.54	12	35.28	266	309	A	V
		5725.32	64.53	-3.77	68.3	52.22	35.54	12.06	35.29	266	309	P	V
													V
												V	
												V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT20 CH 100 5500MHz		11005	56.44	-17.56	74	59.71	37.92	17.17	58.36	200	327	P	H
		11005	49.75	-4.25	54	53.02	37.92	17.17	58.36	200	327	A	H
		16500	49.45	-18.85	68.3	43.72	41.6	20.23	56.1	100	0	P	H
													H
		10990	59.98	-14.02	74	63.31	37.9	17.17	58.4	200	0	P	V
		10990	50.46	-3.54	54	53.79	37.9	17.17	58.4	200	0	A	V
		16494	49	-19.3	68.3	43.31	41.59	20.23	56.13	100	0	P	V
													V
802.11n HT20 CH 116 5580MHz		11160	56.27	-17.73	74	59.07	38.07	17.16	58.03	200	302	P	H
		11160	48.13	-5.87	54	50.93	38.07	17.16	58.03	200	302	A	H
		16740	50.84	-23.16	74	44.52	41.89	20.39	55.96	100	0	P	H
													H
		11155	57.47	-16.53	74	60.33	38.05	17.16	58.07	200	317	P	V
		11155	48.69	-5.31	54	51.55	38.05	17.16	58.07	200	317	A	V
		16740	50.12	-23.88	74	43.8	41.89	20.39	55.96	100	0	P	V
													V
802.11n HT20 CH 140 5700MHz		11400	45.31	-28.69	74	47.37	38.3	17.16	57.52	100	0	P	H
		17100	50.43	-17.87	68.3	43.48	42.14	20.65	55.84	100	0	P	H
													H
													H
		11400	45.58	-28.42	74	47.64	38.3	17.16	57.52	100	0	P	V
		17100	47.56	-20.74	68.3	40.61	42.14	20.65	55.84	100	0	P	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 102 5510MHz		5454.16	58.72	-15.28	74	46.69	35.38	11.89	35.24	158	285	P	H
		5469.28	65.72	-2.58	68.3	53.65	35.42	11.89	35.24	158	285	P	H
		5458.48	52.81	-1.19	54	40.78	35.38	11.89	35.24	158	285	A	H
	*	5510	108.39	-	-	96.24	35.5	11.89	35.24	158	285	P	H
		5510	100.87	-	-	88.72	35.5	11.89	35.24	158	285	A	H
		5738.925	51.29	-17.01	68.3	38.97	35.55	12.06	35.29	158	285	P	H
		5459.2	58.08	-15.92	74	46.05	35.38	11.89	35.24	266	307	P	V
		5469.04	63.75	-4.55	68.3	51.68	35.42	11.89	35.24	266	307	P	V
		5457.28	52.14	-1.86	54	40.11	35.38	11.89	35.24	266	307	A	V
	*	5510	109.47	-	-	97.32	35.5	11.89	35.24	266	307	P	V
		5510	102.82	-	-	90.67	35.5	11.89	35.24	266	307	A	V
		5743.475	51	-17.3	68.3	38.63	35.55	12.11	35.29	266	307	P	V
802.11n HT40 CH 110 5550MHz		5449.36	58.16	-15.84	74	46.13	35.38	11.89	35.24	159	285	P	H
		5469.28	56.3	-12	68.3	44.23	35.42	11.89	35.24	159	285	P	H
		5457.52	50.21	-3.79	54	38.18	35.38	11.89	35.24	159	285	A	H
	*	5550	111.06	-	-	98.91	35.51	11.89	35.25	159	285	P	H
		5550	103.61	-	-	91.46	35.51	11.89	35.25	159	285	A	H
		5724.925	55.98	-12.32	68.3	43.66	35.54	12.06	35.28	159	285	P	H
		5368.72	56.55	-17.45	74	44.84	35.18	11.76	35.23	266	307	P	V
		5467.84	55.76	-12.54	68.3	43.69	35.42	11.89	35.24	266	307	P	V
		5457.28	48.39	-5.61	54	36.36	35.38	11.89	35.24	266	307	A	V
	*	5550	112.76	-	-	100.61	35.51	11.89	35.25	266	307	P	V
	5550	105.74	-	-	93.59	35.51	11.89	35.25	266	307	A	V	
	5741.025	53.63	-14.67	68.3	41.26	35.55	12.11	35.29	266	307	P	V	



<b>802.11n</b>  <b>HT40</b>  <b>CH 134</b>  <b>5670MHz</b>		5402.08	53.48	-20.52	74	41.56	35.26	11.89	35.23	157	279	P	H
		5461.84	50.25	-18.05	68.3	38.22	35.38	11.89	35.24	157	279	P	H
		5455.6	42.71	-11.29	54	30.68	35.38	11.89	35.24	157	279	A	H
	*	5670	112.42	-	-	100.16	35.53	12	35.27	157	279	P	H
		5670	104.31	-	-	92.05	35.53	12	35.27	157	279	A	H
		5725.8	66.76	-1.54	68.3	54.45	35.54	12.06	35.29	157	279	P	H
		5444.56	49.96	-24.04	74	37.97	35.34	11.89	35.24	252	306	P	V
		5462.08	49.66	-18.64	68.3	37.63	35.38	11.89	35.24	252	306	P	V
		5459.92	42.61	-11.39	54	30.58	35.38	11.89	35.24	252	306	A	V
	*	5670	113.55	-	-	101.29	35.53	12	35.27	252	306	P	V
		5670	105.63	-	-	93.37	35.53	12	35.27	252	306	A	V
		5726.5	63.51	-4.79	68.3	51.2	35.54	12.06	35.29	252	306	P	V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11n HT40 CH 102 5510MHz		11015	48.46	-25.54	74	51.73	37.92	17.17	58.36	100	0	P	H	
		16530	44.93	-23.37	68.3	39.12	41.64	20.25	56.08	100	0	P	H	
													H	
													H	
			11020	50.18	-23.82	74	53.45	37.92	17.17	58.36	100	0	P	V
			16530	44.96	-23.34	68.3	39.15	41.64	20.25	56.08	100	0	P	V
														V
802.11n HT40 CH 110 5550MHz		11100	50.84	-23.16	74	53.86	38	17.16	58.18	100	0	P	H	
		16650	46.97	-21.33	68.3	40.85	41.79	20.34	56.01	100	0	P	H	
													H	
													H	
			11100	52.96	-21.04	74	55.98	38	17.16	58.18	324	241	P	V
			11100	45.59	-8.41	54	48.61	38	17.16	58.18	324	241	A	V
			16650	46.71	-21.59	68.3	40.59	41.79	20.34	56.01	100	0	P	V
802.11n HT40 CH 134 5670MHz		11340	46.65	-27.35	74	48.93	38.23	17.16	57.67	100	0	P	H	
		17010	47.81	-20.49	68.3	40.84	42.19	20.59	55.81	100	0	P	H	
													H	
													H	
			11340	46.34	-27.66	74	48.62	38.23	17.16	57.67	100	0	P	V
			17010	48.02	-20.28	68.3	41.05	42.19	20.59	55.81	100	0	P	V
														V
Remark	1. No other spurious found.													
	2. All results are PASS against Peak and Average limit line.													



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (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 VHT80 CH 106 5530MHz		5456.8	55.49	-18.51	74	43.46	35.38	11.89	35.24	274	286	P	H
		5467.12	56.5	-11.8	68.3	44.43	35.42	11.89	35.24	274	286	P	H
		5454.16	48.75	-5.25	54	36.72	35.38	11.89	35.24	274	286	A	H
	*	5530	102.22	-	-	90.08	35.5	11.89	35.25	274	286	P	H
		5530	95.21	-	-	83.07	35.5	11.89	35.25	274	286	A	H
		5727.9	50.92	-17.38	68.3	38.61	35.54	12.06	35.29	274	286	P	H
		5459.44	58.53	-15.47	74	46.5	35.38	11.89	35.24	146	360	P	V
		5470	59.06	-9.24	68.3	46.99	35.42	11.89	35.24	146	360	P	V
		5457.52	52.1	-1.9	54	40.07	35.38	11.89	35.24	146	360	A	V
	*	5530	104.65	-	-	92.51	35.5	11.89	35.25	146	360	P	V
		5530	97.7	-	-	85.56	35.5	11.89	35.25	146	360	A	V
		5728.25	51.21	-17.09	68.3	38.9	35.54	12.06	35.29	146	360	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 5470~5725MHz**

**WIFI 802.11ac VHT80 (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 VHT80 CH 106 5530MHz		11060	46.85	-27.15	74	49.97	37.97	17.16	58.25	100	0	P	H	
		16590	46.19	-22.11	68.3	40.23	41.7	20.31	56.05	100	0	P	H	
													H	
													H	
			11060	46.1	-27.9	74	49.22	37.97	17.16	58.25	100	0	P	V
			16590	44.95	-23.35	68.3	38.99	41.7	20.31	56.05	100	0	P	V
														V
														V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m) (data link with NB)

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)	
802.11n HT20 CH 36 5180MHz		5147.68	55.07	-18.93	74	44.42	34.66	11.21	35.22	219	360	P	H	
		5150	48.71	-5.29	54	38.06	34.66	11.21	35.22	219	360	A	H	
	*	5180	110.7	36.7	74	99.97	34.74	11.21	35.22	219	360	P	H	
	*	5180	104.04	50.04	54	93.31	34.74	11.21	35.22	219	360	A	H	
													H	
														H
			5149.24	57.92	-16.08	74	47.27	34.66	11.21	35.22	154	34	P	V
			5150	52.74	-1.26	54	42.09	34.66	11.21	35.22	154	34	A	V
		*	5180	114.35	40.35	74	103.62	34.74	11.21	35.22	154	34	P	V
		*	5180	108.14	54.14	54	97.41	34.74	11.21	35.22	154	34	A	V
													V	
													V	
Remark	3. No other spurious found. 4. All results are PASS against Peak and Average limit line.													





**Band 1 5150~5250MHz**

**WIFI 802.11n HT20 (Harmonic @ 3m) (data link with NB)**

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)
802.11n HT20 CH 36		10360	50.38	-23.62	74	55.05	37.37	17.17	59.21	100	0	P	H
		15540	44.81	-29.19	74	42.02	40.36	19.61	57.18	100	0	P	H
													H
													H
5180MHz		10360	50.49	-23.51	74	55.16	37.37	17.17	59.21	100	0	P	V
		15540	46.45	-27.55	74	43.66	40.36	19.61	57.18	100	0	P	V
													V
													V



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m) (earphone 2)

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)	
802.11n HT20 CH 36 5180MHz		5150	60.08	-13.92	74	49.43	34.66	11.21	35.22	168	299	P	H	
		5150	51.66	-2.34	54	41.01	34.66	11.21	35.22	168	299	A	H	
	*	5180	113.22	39.22	74	102.49	34.74	11.21	35.22	168	299	P	H	
	*	5180	105.89	51.89	54	95.16	34.74	11.21	35.22	168	299	A	H	
													H	
														H
			5149.24	59.06	-14.94	74	48.41	34.66	11.21	35.22	208	359	P	V
			5149.24	51.82	-2.18	54	41.17	34.66	11.21	35.22	208	359	A	V
	*		5180	114.35	40.35	74	103.62	34.74	11.21	35.22	208	359	P	V
	*		5180	108.86	54.86	54	98.13	34.74	11.21	35.22	208	359	A	V
													V	
													V	
Remark	5. No other spurious found. 6. All results are PASS against Peak and Average limit line.													



**Band 1 5150~5250MHz**

**WIFI 802.11n HT20 (Harmonic @ 3m) (earphone 2)**

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)
802.11n HT20		10360	50.36	-23.64	74	55.03	37.37	17.17	59.21	100	0	P	H
		15540	47.66	-26.34	74	44.87	40.36	19.61	57.18	100	0	P	H
													H
													H
CH 36 5180MHz		10360	53.17	-20.83	74	57.84	37.37	17.17	59.21	326	251	P	V
		10360	45.2	-8.8	54	49.87	37.37	17.17	59.21	326	251	A	V
		15540	48.56	-25.44	74	45.77	40.36	19.61	57.18	100	0	P	V
													V



Band 3 - Straddle Channel

WIFI 802.11a (Band Edge @ 3m)

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 )	
802.11a CH 144 5720MHz	*	5720	113.01	39.01	74	100.69	35.54	12.06	35.28	100	265	P	H	
	*	5720	105.93	51.93	54	93.61	35.54	12.06	35.28	100	265	A	H	
													H	
													H	
													H	
														H
	*	5720	118.11	44.11	74	105.79	35.54	12.06	35.28	153	19	P	V	
	*	5720	109.96	55.96	54	97.64	35.54	12.06	35.28	153	19	A	V	
														V
														V
														V
														V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

Table with 14 columns: 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). Includes data for 802.11a CH 144 (5720MHz) and a Remark section.



**Band 3 - Straddle Channel**  
**WIFI 802.11n HT20 (Band Edge @ 3m)**

WIFI Ant. 1+2	Note	Frequency ( MHz )	Level ( dBμV/m )	Over Limit ( dB )	Limit Line ( dBμV/m )	Read Level (dBμV)	Antenna Factor ( dB/m )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz	*	5720	113.16	39.16	74	100.84	35.54	12.06	35.28	100	266	P	H
	*	5720	105.91	51.91	54	93.59	35.54	12.06	35.28	100	266	A	H
													H
													H
													H
													H
	*	5720	117.81	43.81	74	105.49	35.54	12.06	35.28	148	19	P	V
	*	5720	108.74	54.74	54	96.42	35.54	12.06	35.28	148	19	A	V
													V
													V
												V	
												V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - Straddle Channel**  
**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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. (P/A)	Pol. (H/V)	
802.11n HT20 CH 144 5720MHz		11440	48.59	-25.41	74	50.55	38.33	17.16	57.45	100	0	P	H	
		17160	53.72	-20.28	74	46.79	42.1	20.7	55.87	100	357	P	H	
		17160	44.13	-9.87	54	37.2	42.1	20.7	55.87	100	357	A	H	
													H	
			11440	50.35	-23.65	74	52.31	38.33	17.16	57.45	100	0	P	V
			17160	50.47	-23.53	74	43.54	42.1	20.7	55.87	100	0	P	V
														V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 3 - Straddle Channel**  
**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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )
802.11n HT40 CH 142 5710MHz	*	5710	111.51	37.51	74	99.19	35.54	12.06	35.28	114	296	P	H
	*	5710	102.91	48.91	54	90.59	35.54	12.06	35.28	114	296	P	H
													H
													H
													H
													H
	*	5710	111.73	37.73	74	99.41	35.54	12.06	35.28	148	20	P	V
	*	5710	103.03	49.03	54	90.71	35.54	12.06	35.28	148	20	P	V
													V
													V
												V	
												V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												





**Band 3 - Straddle Channel**  
**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 )	Cable Loss ( dB )	Preamp Factor ( dB )	Ant Pos ( cm )	Table Pos ( deg )	Peak Avg. ( P/A )	Pol. ( H/V )	
802.11n HT40 CH 142 5710MHz		11420	49.01	-24.99	74	51.01	38.32	17.16	57.48	100	0	P	H	
		17130	50.84	-23.16	74	43.9	42.12	20.67	55.85	100	0	P	H	
													H	
													H	
			11420	47.56	-26.44	74	49.56	38.32	17.16	57.48	100	0	P	V
			17130	50.35	-23.65	74	43.41	42.12	20.67	55.85	100	0	P	V
														V
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



**Band 3 - Straddle Channel**  
**WIFI 802.11ac VHT80 (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 VHT80 CH 138 5690MHz	*	5690	108.86	34.86	74	96.6	35.54	12	35.28	114	296	P	H
	*	5690	100.32	46.32	54	88.06	35.54	12	35.28	114	296	P	H
													H
													H
													H
													H
	*	5690	109.12	35.12	74	96.86	35.54	12	35.28	148	19	P	V
	*	5690	100.69	46.69	54	88.43	35.54	12	35.28	148	19	P	V
													V
													V
												V	
												V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**Band 3 - Straddle Channel**  
**WIFI 802.11ac VHT80 (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 VHT80 CH 138 5690MHz		11380	48.22	-25.78	74	50.34	38.28	17.16	57.56	100	0	P	H	
		17070	49.55	-24.45	74	42.57	42.16	20.65	55.83	100	0	P	H	
													H	
													H	
			11380	46.32	-27.68	74	48.44	38.28	17.16	57.56	100	0	P	V
			17070	48.34	-25.66	74	41.36	42.16	20.65	55.83	100	0	P	V
														V
														V
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



Emission below 1GHz

WIFI 802.11n HT20 (LF @ 3m)

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 )	
802.11n HT20 LF		30.27	27.45	-12.55	40	31.73	26	1.07	31.35	100	0	P	H	
		138	27.39	-16.11	43.5	39.28	18.06	1.55	31.5			P	H	
		295.95	23.84	-22.16	46	33.04	19.76	2.32	31.28			P	H	
		805.4	32.05	-13.95	46	30.94	27.8	3.9	30.59			P	H	
		872.6	32.71	-13.29	46	30.25	28.84	4.17	30.55			P	H	
		929.3	33.33	-12.67	46	30.03	29.71	4.12	30.53			P	H	
														H
														H
														H
														H
														H
														H
			72.66	34.33	-5.67	40	51.58	13.03	1.28	31.56	100	0	P	V
			98.85	28.97	-14.53	43.5	42.94	16.27	1.28	31.52			P	V
			297.84	22.07	-23.93	46	31.24	19.78	2.32	31.27			P	V
			839	32.27	-13.73	46	30.26	28.48	4.1	30.57			P	V
			874.7	32.54	-13.46	46	30.07	28.85	4.17	30.55			P	V
			930.7	33.74	-12.26	46	30.4	29.75	4.12	30.53			P	V
														V
														V
													V	
													V	
													V	
													V	
<b>Remark</b>	1. No other spurious found. 2. All results are PASS against limit line.													



**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

- 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”.**