



Appendix A. Radiated Spurious Emission

Test Engineer :	Kyle Jhuang, Citta Ke, and Karl Hou	Temperature :	25~26°C
		Relative Humidity :	50~51%

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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5149.55	70.06	-3.94	74	60.45	35.18	6.72	32.29	185	255	P	H
		5149.1	50.48	-3.52	54	40.87	35.18	6.72	32.29	185	255	A	H
	*	5178	106.05	-	-	96.38	35.22	6.73	32.28	185	255	P	H
	*	5178	96.06	-	-	86.39	35.22	6.73	32.28	185	255	A	H
													H
													H
		5149.1	70.44	-3.56	74	60.83	35.18	6.72	32.29	100	126	P	V
		5149.55	51.44	-2.56	54	41.83	35.18	6.72	32.29	100	126	A	V
	*	5182	107.35	-	-	97.68	35.22	6.73	32.28	100	126	P	V
	*	5182	97.55	-	-	87.88	35.22	6.73	32.28	100	126	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 44 5220MHz		5147.3	56.52	-17.48	74	46.91	35.18	6.72	32.29	122	251	P	H
		5142.2	45.15	-8.85	54	35.54	35.18	6.72	32.29	122	251	A	H
	*	5222	106.13	-	-	96.38	35.26	6.76	32.27	122	251	P	H
	*	5222	96.06	-	-	86.31	35.26	6.76	32.27	122	251	A	H
		5390.48	52.85	-21.15	74	42.73	35.46	6.88	32.22	122	251	P	H
		5351.32	42.77	-11.23	54	32.75	35.42	6.83	32.23	122	251	A	H
		5145.65	55.36	-18.64	74	45.75	35.18	6.72	32.29	112	118	P	V
		5143.1	44.68	-9.32	54	35.07	35.18	6.72	32.29	112	118	A	V
	*	5222	106.76	-	-	97.01	35.26	6.76	32.27	112	118	P	V
	*	5222	96.96	-	-	87.21	35.26	6.76	32.27	112	118	P	V
		5375.41	52.33	-21.67	74	42.27	35.44	6.85	32.23	112	118	P	V
		5361.22	42.65	-11.35	54	32.59	35.44	6.85	32.23	112	118	A	V
802.11a CH 48 5240MHz		5146.1	54.44	-19.56	74	44.83	35.18	6.72	32.29	150	250	P	H
		5149.4	43.42	-10.58	54	33.81	35.18	6.72	32.29	150	250	A	H
	*	5238	106.57	-	-	96.78	35.28	6.77	32.26	150	250	P	H
	*	5238	96.15	-	-	86.36	35.28	6.77	32.26	150	250	A	H
		5453.07	52.9	-21.1	74	42.62	35.54	6.94	32.2	150	250	P	H
		5355.5	42.9	-11.1	54	32.88	35.42	6.83	32.23	150	250	A	H
		5118.95	53.55	-20.45	74	44	35.14	6.71	32.3	187	107	P	V
		5147	43.04	-10.96	54	33.43	35.18	6.72	32.29	187	107	A	V
	*	5238	106.1	-	-	96.31	35.28	6.77	32.26	187	107	P	V
	*	5238	96.18	-	-	86.39	35.28	6.77	32.26	187	107	A	V
		5389.82	53.8	-20.2	74	43.68	35.46	6.88	32.22	187	107	P	V
		5358.69	43.15	-10.85	54	33.11	35.42	6.85	32.23	187	107	A	V
Remark	3. No other spurious found.												
	4. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		10360	43.8	-30.2	74	52.98	38.2	9.8	57.18	100	0	P	H
		15542	53.4	-20.6	74	59.22	40.64	11.81	58.27	100	0	P	H
													H
													H
		10360	44.89	-29.11	74	54.07	38.2	9.8	57.18	100	0	P	V
		15540	55	-19	74	60.82	40.64	11.81	58.27	108	190	P	V
		15540	45.42	-8.58	54	51.24	40.64	11.81	58.27	108	190	A	V
													V
802.11a CH 44 5220MHz		10440	42.85	-31.15	74	51.97	38.2	9.82	57.14	100	0	P	H
		15658	51.76	-22.24	74	57.35	40.79	11.8	58.18	100	0	P	H
													H
													H
		10440	43.23	-30.77	74	52.35	38.2	9.82	57.14	100	0	P	V
		15660	52.16	-21.84	74	57.75	40.79	11.8	58.18	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	43.32	-30.68	74	52.39	38.2	9.84	57.11	100	0	P	H
		15722	52.07	-21.93	74	57.52	40.87	11.8	58.12	100	0	P	H
													H
													H
		10480	44.24	-29.76	74	53.31	38.2	9.84	57.11	100	0	P	V
		15718	53.24	-20.76	74	58.69	40.87	11.8	58.12	100	0	P	V
													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 HT20(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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		5149.7	69.03	-4.97	74	59.42	35.18	6.72	32.29	109	251	P	H
		5150	49.07	-4.93	54	39.46	35.18	6.72	32.29	109	251	A	H
	*	5182	107.05	-	-	97.38	35.22	6.73	32.28	109	251	P	H
	*	5182	97.06	-	-	87.39	35.22	6.73	32.28	109	251	A	H
													H
													H
		5149.4	70.26	-3.74	74	60.65	35.18	6.72	32.29	100	119	P	V
		5150	49.25	-4.75	54	39.64	35.18	6.72	32.29	100	119	A	V
	*	5182	107.09	-	-	97.42	35.22	6.73	32.28	100	119	P	V
	*	5182	97.3	-	-	87.63	35.22	6.73	32.28	100	119	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5148.95	54.6	-19.4	74	44.99	35.18	6.72	32.29	109	252	P	H
		5147.3	43.98	-10.02	54	34.37	35.18	6.72	32.29	109	252	A	H
	*	5218	106.83	-	-	97.08	35.26	6.76	32.27	109	252	P	H
	*	5218	96.76	-	-	87.01	35.26	6.76	32.27	109	252	A	H
		5350.66	53.15	-20.85	74	43.13	35.42	6.83	32.23	109	252	P	H
		5354.07	42.8	-11.2	54	32.78	35.42	6.83	32.23	109	252	A	H
		5145.05	54.79	-19.21	74	45.18	35.18	6.72	32.29	114	121	P	V
		5144.6	43.69	-10.31	54	34.08	35.18	6.72	32.29	114	121	A	V
	*	5220	105.68	-	-	95.93	35.26	6.76	32.27	114	121	P	V
	*	5220	95.89	-	-	86.14	35.26	6.76	32.27	114	121	A	V
		5429.75	53.58	-20.42	74	43.35	35.52	6.92	32.21	114	121	P	V
		5385.86	42.66	-11.34	54	32.54	35.46	6.88	32.22	114	121	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 48 5240MHz		5147	53.76	-20.24	74	44.15	35.18	6.72	32.29	108	271	P	H
		5141.15	43.08	-10.92	54	33.47	35.18	6.72	32.29	108	271	A	H
	*	5238	107.61	-	-	97.82	35.28	6.77	32.26	108	271	P	H
	*	5238	97.48	-	-	87.69	35.28	6.77	32.26	108	271	A	H
		5364.74	53.72	-20.28	74	43.66	35.44	6.85	32.23	108	271	P	H
		5360.89	43.64	-10.36	54	33.58	35.44	6.85	32.23	108	271	A	H
		5109.2	53.68	-20.32	74	44.15	35.14	6.69	32.3	100	120	P	V
		5149.4	42.77	-11.23	54	33.16	35.18	6.72	32.29	100	120	A	V
	*	5242	105.23	-	-	95.42	35.3	6.77	32.26	100	120	P	V
	*	5242	95.4	-	-	85.59	35.3	6.77	32.26	100	120	A	V
		5377.39	52.92	-21.08	74	42.86	35.44	6.85	32.23	100	120	P	V
		5361.22	42.76	-11.24	54	32.7	35.44	6.85	32.23	100	120	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 HT20 (Harmonic @ 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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		10360	44.01	-29.99	74	53.19	38.2	9.8	57.18	100	0	P	H
		15540	50.5	-23.5	74	56.32	40.64	11.81	58.27	100	0	P	H
													H
													H
		10360	43.41	-30.59	74	52.59	38.2	9.8	57.18	100	0	P	V
		15540	52.98	-21.02	74	58.8	40.64	11.81	58.27	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	43.14	-30.86	74	52.26	38.2	9.82	57.14	100	0	P	H
		15660	48.1	-25.9	74	53.69	40.79	11.8	58.18	100	0	P	H
													H
													H
		10440	43.43	-30.57	74	52.55	38.2	9.82	57.14	100	0	P	V
		15660	50.36	-23.64	74	55.95	40.79	11.8	58.18	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	44.26	-29.74	74	53.33	38.2	9.84	57.11	100	0	P	H
		15720	49.04	-24.96	74	54.49	40.87	11.8	58.12	100	0	P	H
													H
													H
		10480	43.75	-30.25	74	52.82	38.2	9.84	57.11	100	0	P	V
		15720	51.31	-22.69	74	56.76	40.87	11.8	58.12	100	0	P	V
													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	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		5147	71.27	-2.73	74	61.66	35.18	6.72	32.29	153	251	P	H
		5150	52.83	-1.17	54	43.22	35.18	6.72	32.29	153	251	A	H
	*	5188	102.72	-	-	93.05	35.22	6.73	32.28	153	251	P	H
	*	5188	93.14	-	-	83.47	35.22	6.73	32.28	153	251	A	H
		5425.57	52.84	-21.16	74	42.65	35.5	6.9	32.21	153	251	P	H
		5361.33	42.92	-11.08	54	32.86	35.44	6.85	32.23	153	251	A	H
		5148.5	71.53	-2.47	74	61.92	35.18	6.72	32.29	100	119	P	V
		5150	51.72	-2.28	54	42.11	35.18	6.72	32.29	100	119	A	V
	*	5188	103.12	-	-	93.45	35.22	6.73	32.28	100	119	P	V
	*	5188	93.48	-	-	83.81	35.22	6.73	32.28	100	119	A	V
		5387.95	52.58	-21.42	74	42.46	35.46	6.88	32.22	100	119	P	V
		5363.31	42.77	-11.23	54	32.71	35.44	6.85	32.23	100	119	A	V
802.11n HT40 CH 46 5230MHz		5149.7	55.48	-18.52	74	45.87	35.18	6.72	32.29	152	272	P	H
		5150	44.6	-9.4	54	34.99	35.18	6.72	32.29	152	272	A	H
	*	5228	103.02	-	-	93.24	35.28	6.76	32.26	152	272	P	H
	*	5228	93.4	-	-	83.62	35.28	6.76	32.26	152	272	A	H
		5374.86	53.67	-20.33	74	43.61	35.44	6.85	32.23	152	272	P	H
		5350	43.21	-10.79	54	33.19	35.42	6.83	32.23	152	272	A	H
		5150	57.95	-16.05	74	48.34	35.18	6.72	32.29	100	118	P	V
		5150	45.84	-8.16	54	36.23	35.18	6.72	32.29	100	118	A	V
	*	5228	102.37	-	-	92.59	35.28	6.76	32.26	100	118	P	V
	*	5228	93.4	-	-	83.62	35.28	6.76	32.26	100	118	A	V
		5377.94	54.06	-19.94	74	43.97	35.46	6.85	32.22	100	118	P	V
		5382.56	42.81	-11.19	54	32.69	35.46	6.88	32.22	100	118	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		10380	44.48	-29.52	74	53.64	38.2	9.81	57.17	100	0	P	H
		15570	47.06	-26.94	74	52.81	40.68	11.81	58.24	100	0	P	H
													H
													H
		10380	43.72	-30.28	74	52.88	38.2	9.81	57.17	100	0	P	V
		15570	48.89	-25.11	74	54.64	40.68	11.81	58.24	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	44.05	-29.95	74	53.15	38.2	9.83	57.13	100	0	P	H
		15690	46.29	-27.71	74	51.81	40.83	11.8	58.15	100	0	P	H
													H
													H
		10460	42.92	-31.08	74	52.02	38.2	9.83	57.13	100	0	P	V
		15690	47.61	-26.39	74	53.13	40.83	11.8	58.15	100	0	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5029.7	52.29	-21.71	74	42.92	35.04	6.65	32.32	100	188	P	H
		5096.3	42.25	-11.75	54	32.74	35.12	6.69	32.3	100	188	A	H
	*	5262	103.44	-	-	93.59	35.32	6.79	32.26	100	188	P	H
	*	5262	93.42	-	-	83.57	35.32	6.79	32.26	100	188	A	H
		5417.87	53.24	-20.76	74	43.05	35.5	6.9	32.21	100	188	P	H
		5355.06	42.99	-11.01	54	32.97	35.42	6.83	32.23	100	188	A	H
		5139.8	53.47	-20.53	74	43.87	35.18	6.71	32.29	111	118	P	V
		5148.95	43.22	-10.78	54	33.61	35.18	6.72	32.29	111	118	A	V
	*	5258	106.2	-	-	96.39	35.3	6.77	32.26	111	118	P	V
	*	5258	96.14	-	-	86.33	35.3	6.77	32.26	111	118	A	V
		5375.74	53.18	-20.82	74	43.12	35.44	6.85	32.23	111	118	P	V
		5356.27	42.84	-11.16	54	32.8	35.42	6.85	32.23	111	118	A	V
802.11a CH 60 5300MHz		5083.85	52.75	-21.25	74	43.28	35.1	6.68	32.31	100	188	P	H
		5079.95	42.32	-11.68	54	32.85	35.1	6.68	32.31	100	188	A	H
	*	5298	104.68	-	-	94.77	35.36	6.8	32.25	100	188	P	H
	*	5298	94.73	-	-	84.82	35.36	6.8	32.25	100	188	A	H
		5355.5	55.8	-18.2	74	45.78	35.42	6.83	32.23	100	188	P	H
		5350	44.34	-9.66	54	34.32	35.42	6.83	32.23	100	188	A	H
		5145.8	53	-21	74	43.39	35.18	6.72	32.29	144	183	P	V
		5144.6	42.67	-11.33	54	33.06	35.18	6.72	32.29	144	183	A	V
	*	5302	105.56	-	-	95.65	35.36	6.8	32.25	144	183	P	V
	*	5302	95.54	-	-	85.63	35.36	6.8	32.25	144	183	A	V
		5350.66	58.59	-15.41	74	48.57	35.42	6.83	32.23	144	183	P	V
		5350.11	44.83	-9.17	54	34.81	35.42	6.83	32.23	144	183	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 64 5320MHz	*	5318	104.71	-	-	94.76	35.38	6.81	32.24	100	183	P	H
	*	5318	95.08	-	-	85.13	35.38	6.81	32.24	100	183	A	H
		5356.38	59.62	-14.38	74	49.58	35.42	6.85	32.23	100	183	P	H
		5350	46.56	-7.44	54	36.54	35.42	6.83	32.23	100	183	A	H
													H
													H
	*	5322	107.55	-	-	97.6	35.38	6.81	32.24	169	104	P	V
	*	5322	97.07	-	-	87.12	35.38	6.81	32.24	169	104	A	V
		5354.95	62.8	-11.2	74	52.78	35.42	6.83	32.23	169	104	P	V
		5350	48.02	-5.98	54	38	35.42	6.83	32.23	169	104	A	V
													V
													V
Remark	3. No other spurious found.												
	4. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		10520	43.78	-30.22	74	52.81	38.21	9.86	57.1	100	0	P	H
		15778	52.18	-21.82	74	57.53	40.93	11.8	58.08	100	0	P	H
													H
													H
		10520	43.48	-30.52	74	52.51	38.21	9.86	57.1	100	0	P	V
		15780	52.94	-21.06	74	58.29	40.93	11.8	58.08	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	42.9	-31.1	74	51.86	38.28	9.88	57.12	100	0	P	H
		15900	51.05	-22.95	74	56.18	41.08	11.77	57.98	100	0	P	H
													H
													H
		10600	44.15	-29.85	74	53.11	38.28	9.88	57.12	100	0	P	V
		15902	55.41	-18.59	74	60.51	41.1	11.77	57.97	122	186	P	V
		15902	43.63	-10.37	54	48.73	41.1	11.77	57.97	122	186	A	V
													V
802.11a CH 64 5320MHz		10640	42.71	-31.29	74	51.63	38.31	9.9	57.13	100	0	P	H
		15962	50.74	-23.26	74	55.75	41.16	11.76	57.93	100	0	P	H
													H
													H
		10640	45.21	-28.79	74	54.13	38.31	9.9	57.13	100	0	P	V
		15962	55.82	-18.18	74	60.83	41.16	11.76	57.93	100	188	P	V
		15962	43.24	-10.76	54	48.25	41.16	11.76	57.93	100	188	A	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		5087.15	52.17	-21.83	74	42.7	35.1	6.68	32.31	100	193	P	H
		5148.65	42.35	-11.65	54	32.74	35.18	6.72	32.29	100	193	A	H
	*	5262	103.13	-	-	93.28	35.32	6.79	32.26	100	193	P	H
	*	5262	93.43	-	-	83.58	35.32	6.79	32.26	100	193	A	H
		5384.32	53.21	-20.79	74	43.09	35.46	6.88	32.22	100	193	P	H
		5360.12	42.97	-11.03	54	32.93	35.42	6.85	32.23	100	193	A	H
		5147.9	52.9	-21.1	74	43.29	35.18	6.72	32.29	100	121	P	V
		5147.9	42.72	-11.28	54	33.11	35.18	6.72	32.29	100	121	A	V
	*	5258	105.31	-	-	95.5	35.3	6.77	32.26	100	121	P	V
	*	5258	95.42	-	-	85.61	35.3	6.77	32.26	100	121	A	V
		5359.24	53.29	-20.71	74	43.25	35.42	6.85	32.23	100	121	P	V
		5360.34	42.87	-11.13	54	32.83	35.42	6.85	32.23	100	121	A	V
802.11n HT20 CH 60 5300MHz		5074.7	52.05	-21.95	74	42.58	35.1	6.68	32.31	100	195	P	H
		5149.25	42.26	-11.74	54	32.65	35.18	6.72	32.29	100	195	A	H
	*	5300	104.41	-	-	94.5	35.36	6.8	32.25	100	195	P	H
	*	5300	94.47	-	-	84.56	35.36	6.8	32.25	100	195	A	H
		5354.07	54.18	-19.82	74	44.16	35.42	6.83	32.23	100	195	P	H
		5350	43.88	-10.12	54	33.86	35.42	6.83	32.23	100	195	A	H
		5049.35	51.93	-22.07	74	42.52	35.06	6.67	32.32	111	121	P	V
		5083.4	42.08	-11.92	54	32.61	35.1	6.68	32.31	111	121	A	V
	*	5302	104.57	-	-	94.66	35.36	6.8	32.25	111	121	P	V
	*	5302	94.5	-	-	84.59	35.36	6.8	32.25	111	121	A	V
		5382.12	55.38	-18.62	74	45.26	35.46	6.88	32.22	111	121	P	V
		5358.03	43.86	-10.14	54	33.82	35.42	6.85	32.23	111	121	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 64 5320MHz	*	5322	104	-	-	94.05	35.38	6.81	32.24	100	200	P	H
	*	5322	94.43	-	-	84.48	35.38	6.81	32.24	100	200	A	H
		5351.54	60.57	-13.43	74	50.55	35.42	6.83	32.23	100	200	P	H
		5356.05	45.51	-8.49	54	35.47	35.42	6.85	32.23	100	200	A	H
													H
													H
	*	5318	103.67	-	-	93.72	35.38	6.81	32.24	100	122	P	V
	*	5318	93.96	-	-	84.01	35.38	6.81	32.24	100	122	A	V
		5356.38	58.22	-15.78	74	48.18	35.42	6.85	32.23	100	122	P	V
		5360.12	44.95	-9.05	54	34.91	35.42	6.85	32.23	100	122	A	V
													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 (Harmonic @ 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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		10520	43.83	-30.17	74	52.86	38.21	9.86	57.1	100	0	P	H
		15778	50.02	-23.98	74	55.37	40.93	11.8	58.08	100	0	P	H
													H
													H
		10520	44.13	-29.87	74	53.16	38.21	9.86	57.1	100	0	P	V
		15778	52.34	-21.66	74	57.69	40.93	11.8	58.08	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	43.69	-30.31	74	52.65	38.28	9.88	57.12	100	0	P	H
		15900	49.68	-24.32	74	54.81	41.08	11.77	57.98	100	0	P	H
													H
													H
		10600	44.45	-29.55	74	53.41	38.28	9.88	57.12	100	0	P	V
		15900	50.9	-23.1	74	56.03	41.08	11.77	57.98	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	42.33	-31.67	74	51.25	38.31	9.9	57.13	100	0	P	H
		15960	49.04	-24.96	74	54.05	41.16	11.76	57.93	100	0	P	H
													H
													H
		10640	43.92	-30.08	74	52.84	38.31	9.9	57.13	100	0	P	V
		15962	53.27	-20.73	74	58.28	41.16	11.76	57.93	100	0	P	V
													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	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		5085.2	52.36	-21.64	74	42.89	35.1	6.68	32.31	101	187	P	H
		5143.25	42.57	-11.43	54	32.96	35.18	6.72	32.29	101	187	A	H
	*	5272	100.04	-	-	90.19	35.32	6.79	32.26	101	187	P	H
	*	5272	90.73	-	-	80.88	35.32	6.79	32.26	101	187	A	H
		5351.87	55.41	-18.59	74	45.39	35.42	6.83	32.23	101	187	P	H
		5350.55	43.64	-10.36	54	33.62	35.42	6.83	32.23	101	187	A	H
		5136.05	54.04	-19.96	74	44.46	35.16	6.71	32.29	100	114	P	V
		5139.2	43.71	-10.29	54	34.13	35.16	6.71	32.29	100	114	A	V
	*	5268	101.52	-	-	91.67	35.32	6.79	32.26	100	114	P	V
	*	5268	91.76	-	-	81.91	35.32	6.79	32.26	100	114	A	V
		5358.69	53.18	-20.82	74	43.14	35.42	6.85	32.23	100	114	P	V
		5356.05	43.11	-10.89	54	33.07	35.42	6.85	32.23	100	114	A	V
802.11n HT40 CH 62 5310MHz		5142.65	52.54	-21.46	74	42.93	35.18	6.72	32.29	100	193	P	H
		5135.45	42.51	-11.49	54	32.93	35.16	6.71	32.29	100	193	A	H
	*	5308	100.95	-	-	91.03	35.36	6.81	32.25	100	193	P	H
	*	5308	91.22	-	-	81.3	35.36	6.81	32.25	100	193	A	H
		5350.44	65.59	-8.41	74	55.57	35.42	6.83	32.23	100	193	P	H
		5350.22	50.79	-3.21	54	40.77	35.42	6.83	32.23	100	193	A	H
		5148.5	53.31	-20.69	74	43.7	35.18	6.72	32.29	170	106	P	V
		5136.2	42.93	-11.07	54	33.35	35.16	6.71	32.29	170	106	A	V
	*	5308	102.96	-	-	93.04	35.36	6.81	32.25	170	106	P	V
	*	5308	93.09	-	-	83.17	35.36	6.81	32.25	170	106	A	V
		5352.53	67.33	-6.67	74	57.31	35.42	6.83	32.23	170	106	P	V
		5350.22	52.84	-1.16	54	42.82	35.42	6.83	32.23	170	106	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		10540	43.51	-30.49	74	52.53	38.23	9.86	57.11	100	0	P	H
		15810	45.83	-28.17	74	51.11	40.97	11.8	58.05	100	0	P	H
													H
													H
		10540	43.96	-30.04	74	52.98	38.23	9.86	57.11	100	0	P	V
		15810	46.01	-27.99	74	51.29	40.97	11.8	58.05	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	43.04	-30.96	74	51.97	38.3	9.89	57.12	100	0	P	H
		15930	46.88	-27.12	74	51.96	41.12	11.76	57.96	100	0	P	H
													H
													H
		10620	43.49	-30.51	74	52.42	38.3	9.89	57.12	100	0	P	V
		15930	47.94	-26.06	74	53.02	41.12	11.76	57.96	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 802.11a (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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5467.44	67.63	-6.37	74	57.33	35.56	6.94	32.2	103	272	P	H
		5470	51.69	-2.31	54	41.39	35.56	6.94	32.2	103	272	A	H
	*	5498	110.53	-	-	100.16	35.6	6.96	32.19	103	272	P	H
	*	5498	100.62	-	-	90.25	35.6	6.96	32.19	103	272	A	H
													H
													H
		5470	69.38	-4.62	74	59.08	35.56	6.94	32.2	103	127	P	V
		5469.04	48.91	-5.09	54	38.61	35.56	6.94	32.2	103	127	A	V
	*	5498	107.41	-	-	97.04	35.6	6.96	32.19	103	127	P	V
	*	5498	97.81	-	-	87.44	35.6	6.96	32.19	103	127	A	V
													V
													V
802.11a CH 116 5580MHz		5440.08	55.19	-18.81	74	44.96	35.52	6.92	32.21	100	275	P	H
		5469.52	44.32	-9.68	54	34.02	35.56	6.94	32.2	100	275	A	H
	*	5582	110.25	-	-	99.7	35.67	7.04	32.16	100	275	P	H
	*	5582	100.08	-	-	89.53	35.67	7.04	32.16	100	275	A	H
		5743.4	54.55	-19.45	74	43.69	35.79	7.18	32.11	100	275	P	H
		5741.8	43.88	-10.12	54	33.02	35.79	7.18	32.11	100	275	A	H
		5470	52.59	-21.41	74	42.29	35.56	6.94	32.2	100	125	P	V
		5470	43.31	-10.69	54	33.01	35.56	6.94	32.2	100	125	A	V
	*	5582	108	-	-	97.45	35.67	7.04	32.16	100	125	P	V
	*	5582	98.24	-	-	87.69	35.67	7.04	32.16	100	125	A	V
		5732.44	53.77	-20.23	74	42.95	35.78	7.16	32.12	100	125	P	V
		5735.72	43.63	-10.37	54	32.79	35.79	7.16	32.11	100	125	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 140 5700MHz	*	5702	108.01	-	-	97.21	35.77	7.15	32.12	100	265	P	H
	*	5702	98.11	-	-	87.31	35.77	7.15	32.12	100	265	A	H
		5725.64	69.37	-4.63	74	58.55	35.78	7.16	32.12	100	265	P	H
		5726.44	50.28	-3.72	54	39.46	35.78	7.16	32.12	100	265	A	H
													H
													H
	*	5702	106.25	-	-	95.45	35.77	7.15	32.12	100	95	P	V
	*	5702	96.81	-	-	86.01	35.77	7.15	32.12	100	95	A	V
		5738.44	67.69	-6.31	74	56.85	35.79	7.16	32.11	100	95	P	V
		5726.6	48.68	-5.32	54	37.86	35.78	7.16	32.12	100	95	A	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 802.11a (Harmonic @ 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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		11000	44.32	-29.68	74	52.84	38.6	10.08	57.2	100	0	P	H
		16502	53.6	-20.4	74	57.12	41.4	12.18	57.1	100	0	P	H
													H
													H
		11000	47.31	-26.69	74	55.83	38.6	10.08	57.2	100	0	P	V
		16502	56.82	-17.18	74	60.34	41.4	12.18	57.1	150	197	P	V
		16502	48.11	-5.89	54	51.63	41.4	12.18	57.1	150	197	A	V
													V
802.11a CH 116 5580MHz		11160	44.65	-29.35	74	52.87	38.73	10.15	57.1	100	0	P	H
		16742	55.76	-18.24	74	58.8	41.74	12.32	57.1	100	58	P	H
		16742	44.37	-9.63	54	47.41	41.74	12.32	57.1	100	58	A	H
													H
		11160	46.5	-27.5	74	54.72	38.73	10.15	57.1	100	0	P	V
		16740	57.29	-16.71	74	60.33	41.74	12.32	57.1	100	188	P	V
		16740	46.53	-7.47	54	49.57	41.74	12.32	57.1	100	188	A	V
													V
802.11a CH 140 5700MHz		11400	45.48	-28.52	74	53.24	38.92	10.28	56.96	100	0	P	H
		17100	46.93	-27.07	74	49.75	42.06	12.48	57.36	100	0	P	H
													H
													H
		11400	46.11	-27.89	74	53.87	38.92	10.28	56.96	100	0	P	V
		17100	48.08	-25.92	74	50.9	42.06	12.48	57.36	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		5468.88	67.98	-6.02	74	57.68	35.56	6.94	32.2	103	271	P	H
		5470	51.74	-2.26	54	41.44	35.56	6.94	32.2	103	271	A	H
	*	5498	110.17	-	-	99.8	35.6	6.96	32.19	103	271	P	H
	*	5498	100.33	-	-	89.96	35.6	6.96	32.19	103	271	A	H
													H
													H
		5455.76	62.05	-11.95	74	51.77	35.54	6.94	32.2	128	71	P	V
		5469.36	47.71	-6.29	54	37.41	35.56	6.94	32.2	128	71	A	V
	*	5502	106.08	-	-	95.69	35.6	6.98	32.19	128	71	P	V
	*	5502	105.98	-	-	95.59	35.6	6.98	32.19	128	71	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5467.44	56.05	-17.95	74	45.75	35.56	6.94	32.2	100	272	P	H
		5469.84	44.47	-9.53	54	34.17	35.56	6.94	32.2	100	272	A	H
	*	5582	109.16	-	-	98.61	35.67	7.04	32.16	100	272	P	H
	*	5582	99.85	-	-	89.3	35.67	7.04	32.16	100	272	A	H
		5740.44	54.21	-19.79	74	43.35	35.79	7.18	32.11	100	272	P	H
		5737.32	44	-10	54	33.16	35.79	7.16	32.11	100	272	A	H
		5467.92	53.69	-20.31	74	43.39	35.56	6.94	32.2	100	72	P	V
		5469.2	43.22	-10.78	54	32.92	35.56	6.94	32.2	100	72	A	V
	*	5582	106.12	-	-	95.57	35.67	7.04	32.16	100	72	P	V
	*	5582	96	-	-	85.45	35.67	7.04	32.16	100	72	A	V
		5726.84	53.86	-20.14	74	43.04	35.78	7.16	32.12	100	72	P	V
		5743.24	43.86	-10.14	54	33	35.79	7.18	32.11	100	72	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 140 5700MHz	*	5698	108.5	-	-	97.73	35.75	7.15	32.13	100	267	P	H
	*	5698	98.71	-	-	87.94	35.75	7.15	32.13	100	267	A	H
		5728.68	69.35	-4.65	74	58.53	35.78	7.16	32.12	100	267	P	H
		5726.52	50.86	-3.14	54	40.04	35.78	7.16	32.12	100	267	A	H
													H
													H
	*	5702	106.77	-	-	95.97	35.77	7.15	32.12	100	98	P	V
	*	5702	97.01	-	-	86.21	35.77	7.15	32.12	100	98	A	V
		5725.48	66.58	-7.42	74	55.76	35.78	7.16	32.12	100	98	P	V
		5725.08	50.37	-3.63	54	39.55	35.78	7.16	32.12	100	98	A	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 (Harmonic @ 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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		11000	44.49	-29.51	74	53.01	38.6	10.08	57.2	100	0	P	H
		16500	53.15	-20.85	74	56.67	41.4	12.18	57.1	100	0	P	H
													H
													H
		11000	46.37	-27.63	74	54.89	38.6	10.08	57.2	100	0	P	V
		16500	55.49	-18.51	74	59.01	41.4	12.18	57.1	100	55	P	V
		16500	45.07	-8.93	54	48.59	41.4	12.18	57.1	100	55	A	V
													V
802.11n HT20 CH 116 5580MHz		11160	44.78	-29.22	74	53	38.73	10.15	57.1	100	0	P	H
		16740	54.57	-19.43	74	57.61	41.74	12.32	57.1	100	13	P	H
		16740	42.99	-11.01	54	46.03	41.74	12.32	57.1	100	13	A	H
													H
		11160	46.39	-27.61	74	54.61	38.73	10.15	57.1	100	0	P	V
		16740	59	-15	74	62.04	41.74	12.32	57.1	100	164	P	V
		16740	48.24	-5.76	54	51.28	41.74	12.32	57.1	100	164	A	V
													V
802.11n HT20 CH 140 5700MHz		11400	44.59	-29.41	74	52.35	38.92	10.28	56.96	100	0	P	H
		17100	47.23	-26.77	74	50.05	42.06	12.48	57.36	100	0	P	H
													H
													H
		11400	44.6	-29.4	74	52.36	38.92	10.28	56.96	100	0	P	V
		17100	48.31	-25.69	74	51.13	42.06	12.48	57.36	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 HT40 (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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		5468.24	70.25	-3.75	74	59.95	35.56	6.94	32.2	101	273	P	H
		5469.2	52.01	-1.99	54	41.71	35.56	6.94	32.2	101	273	A	H
	*	5512	103.95	-	-	93.56	35.6	6.98	32.19	101	273	P	H
	*	5512	94.32	-	-	83.93	35.6	6.98	32.19	101	273	A	H
		5733.48	53.51	-20.49	74	42.69	35.78	7.16	32.12	101	273	P	H
		5760.04	43.55	-10.45	54	32.67	35.81	7.18	32.11	101	273	A	H
		5464.72	66.08	-7.92	74	55.78	35.56	6.94	32.2	102	126	P	V
		5469.84	48.97	-5.03	54	38.67	35.56	6.94	32.2	102	126	A	V
	*	5512	100.67	-	-	90.28	35.6	6.98	32.19	102	126	P	V
	*	5512	91.02	-	-	80.63	35.6	6.98	32.19	102	126	A	V
		5738.28	53.59	-20.41	74	42.75	35.79	7.16	32.11	102	126	P	V
		5733.96	43.47	-10.53	54	32.65	35.78	7.16	32.12	102	126	A	V
802.11n HT40 CH 110 5550MHz		5468.56	58.16	-15.84	74	47.86	35.56	6.94	32.2	100	273	P	H
		5469.52	47.03	-6.97	54	36.73	35.56	6.94	32.2	100	273	A	H
	*	5548	106.7	-	-	96.21	35.64	7.02	32.17	100	273	P	H
	*	5548	96.9	-	-	86.41	35.64	7.02	32.17	100	273	A	H
		5732.36	54.94	-19.06	74	44.12	35.78	7.16	32.12	100	273	P	H
		5725.08	44.22	-9.78	54	33.4	35.78	7.16	32.12	100	273	A	H
		5467.44	58.73	-15.27	74	48.43	35.56	6.94	32.2	102	72	P	V
		5469.68	45.93	-8.07	54	35.63	35.56	6.94	32.2	102	72	A	V
	*	5552	103.08	-	-	92.59	35.64	7.02	32.17	102	72	P	V
	*	5552	93.31	-	-	82.82	35.64	7.02	32.17	102	72	A	V
		5762.76	53.61	-20.39	74	42.73	35.81	7.18	32.11	102	72	P	V
		5732.84	43.57	-10.43	54	32.75	35.78	7.16	32.12	102	72	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 134 5670MHz		5469.2	53.29	-20.71	74	42.99	35.56	6.94	32.2	100	268	P	H
		5469.52	43.65	-10.35	54	33.35	35.56	6.94	32.2	100	268	A	H
	*	5668	105.53	-	-	94.82	35.74	7.1	32.13	100	268	P	H
	*	5668	95.72	-	-	85.01	35.74	7.1	32.13	100	268	A	H
		5726.04	62.74	-11.26	74	51.92	35.78	7.16	32.12	100	268	P	H
		5725.32	48.57	-5.43	54	37.75	35.78	7.16	32.12	100	268	A	H
		5387.12	53.04	-20.96	74	42.92	35.46	6.88	32.22	100	97	P	V
		5469.52	42.92	-11.08	54	32.62	35.56	6.94	32.2	100	97	A	V
	*	5668	103.97	-	-	93.26	35.74	7.1	32.13	100	97	P	V
	*	5668	94.41	-	-	83.7	35.74	7.1	32.13	100	97	A	V
		5729.24	62.37	-11.63	74	51.55	35.78	7.16	32.12	100	97	P	V
		5725.48	47.93	-6.07	54	37.11	35.78	7.16	32.12	100	97	A	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 (Harmonic @ 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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		11020	44.21	-29.79	74	52.7	38.61	10.09	57.19	100	0	P	H
		16530	45.44	-28.56	74	48.89	41.45	12.2	57.1	100	0	P	H
													H
													H
		11020	44.12	-29.88	74	52.61	38.61	10.09	57.19	100	0	P	V
		16530	47.96	-26.04	74	51.41	41.45	12.2	57.1	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	44.04	-29.96	74	52.37	38.68	10.13	57.14	100	0	P	H
		16650	49.08	-24.92	74	52.28	41.62	12.28	57.1	100	0	P	H
													H
													H
		11100	45.5	-28.5	74	53.83	38.68	10.13	57.14	100	0	P	V
		16650	53.84	-20.16	74	57.04	41.62	12.28	57.1	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	44.35	-29.65	74	52.23	38.87	10.25	57	100	0	P	H
		17010	45.94	-28.06	74	48.55	42.09	12.44	57.14	100	0	P	H
													H
													H
		11340	43.76	-30.24	74	51.64	38.87	10.25	57	100	0	P	V
		17010	47.28	-26.72	74	49.89	42.09	12.44	57.14	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

WIFI 802.11n HT40 (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		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		58.08	20.09	-19.91	40	44.93	6.1	0.86	31.8	-	-	P	H
		166.35	29.88	-13.62	43.5	50.55	9.76	1.35	31.78	-	-	P	H
		250.05	26.62	-19.38	46	44.35	12.4	1.64	31.77	-	-	P	H
		332.9	34.28	-11.72	46	50.31	13.88	1.86	31.77	100	121	P	H
		499.5	25.33	-20.67	46	37	17.99	2.23	31.89	-	-	P	H
		885.2	32.73	-13.27	46	38.25	23	2.98	31.5	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
		33.51	32.67	-7.33	40	46.94	16.82	0.72	31.81	100	11	P	V
		140.97	26.32	-17.18	43.5	45.34	11.5	1.26	31.78	-	-	P	V
		197.94	24.36	-19.14	43.5	45.69	8.98	1.47	31.78	-	-	P	V
		332.9	24.29	-21.71	46	40.32	13.88	1.86	31.77	-	-	P	V
		738.9	28.7	-17.3	46	35.79	22.17	2.73	31.99	-	-	P	V
		948.2	27.4	-18.6	46	30.71	24.68	3.06	31.05	-	-	P	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 per 15.209(c).
!	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		(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”.



Band 2 5250~5350MHz

WIFI 802.11n HT40 (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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 62 5310MHz		5136.05	56.17	-17.83	74	46.59	35.16	6.71	32.29	106	96	P	H
		5138.15	45.32	-8.68	54	35.74	35.16	6.71	32.29	106	93	A	H
	*	5312	103.26	-	-	93.31	35.38	6.81	32.24	106	93	P	H
	*	5312	92.83	-	-	82.88	35.38	6.81	32.24	106	93	A	H
		5350.11	66.79	-7.21	74	56.77	35.42	6.83	32.23	106	93	P	H
		5350.66	49.42	-4.58	54	39.4	35.42	6.83	32.23	106	93	A	H
		5146.25	53.75	-20.25	74	44.14	35.18	6.72	32.29	100	122	P	V
		5144.9	43.37	-10.63	54	33.76	35.18	6.72	32.29	100	122	A	V
	*	5310	98.37	-	-	88.42	35.38	6.81	32.24	100	122	P	V
	*	5310	88.8	-	-	78.85	35.38	6.81	32.24	100	122	A	V
		5353.74	66.04	-7.96	74	56.02	35.42	6.83	32.23	100	122	P	V
		5350.55	46.49	-7.51	54	36.47	35.42	6.83	32.23	100	122	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	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 62 5310MHz		10620	43.47	-30.53	74	52.4	38.3	9.89	57.12	100	0	P	H
		15930	45.9	-28.1	74	50.98	41.12	11.76	57.96	100	0	P	H
													H
													H
		10620	45.56	-28.44	74	54.49	38.3	9.89	57.12	100	0	P	V
		15930	46.92	-27.08	74	52	41.12	11.76	57.96	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

WIFI 802.11n HT40 (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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		162.3	30.29	-13.21	43.5	50.52	10.22	1.33	31.78	-	-	P	H
		197.13	28.34	-15.16	43.5	49.74	8.92	1.46	31.78	-	-	P	H
		249.24	25.77	-20.23	46	43.6	12.3	1.64	31.77	-	-	P	H
		332.9	33.54	-12.46	46	49.57	13.88	1.86	31.77	114	256	P	H
		878.2	33.09	-12.91	46	38.66	23	2.97	31.54	-	-	P	H
		910.4	33.51	-12.49	46	38.3	23.54	3.02	31.35	-	-	P	H
													H
													H
													H
													H
													H
													H
													H
		63.21	29.18	-10.82	40	54.12	5.96	0.89	31.79	140	260	P	V
		96.96	25.24	-18.26	43.5	46.25	9.68	1.09	31.78	-	-	P	V
		199.02	23.92	-19.58	43.5	45.19	9.04	1.47	31.78	-	-	P	V
		499.5	26.51	-19.49	46	38.18	17.99	2.23	31.89	-	-	P	V
		666.8	28.99	-17.01	46	38.13	20.3	2.6	32.04	-	-	P	V
		991.6	30.08	-23.92	54	32.78	24.79	3.22	30.71	-	-	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 per 15.209(c).
!	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.	
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”.



150~5250MHz

WIFI 802.11n HT20(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)
802.11n HT20 CH 36 5180MHz		5142.95	57.18	-16.82	74	47.57	35.18	6.72	32.29	108	252	P	H
		5138.75	45.08	-8.92	54	35.5	35.16	6.71	32.29	108	252	A	H
	*	5182	104.13	-	-	94.46	35.22	6.73	32.28	108	252	P	H
	*	5182	94.33	-	-	84.66	35.22	6.73	32.28	108	252	A	H
													H
													H
		5141.15	56.6	-17.4	74	46.99	35.18	6.72	32.29	170	134	P	V
		5150	45.34	-8.66	54	35.73	35.18	6.72	32.29	170	134	A	V
	*	5182	103.53	-	-	93.86	35.22	6.73	32.28	170	134	P	V
	*	5182	93.6	-	-	83.93	35.22	6.73	32.28	170	134	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5141.75	53.25	-20.75	74	43.64	35.18	6.72	32.29	102	182	P	H
		5142.95	43.09	-10.91	54	33.48	35.18	6.72	32.29	102	182	A	H
	*	5218	104.25	-	-	94.5	35.26	6.76	32.27	102	182	P	H
	*	5218	94.36	-	-	84.61	35.26	6.76	32.27	102	182	A	H
		5446.69	52.79	-21.21	74	42.53	35.54	6.92	32.2	102	182	P	H
		5364.96	42.94	-11.06	54	32.88	35.44	6.85	32.23	102	182	A	H
		5147.6	52.78	-21.22	74	43.17	35.18	6.72	32.29	182	104	P	V
		5147.6	43.12	-10.88	54	33.51	35.18	6.72	32.29	182	104	A	V
	*	5222	101.27	-	-	91.52	35.26	6.76	32.27	182	104	P	V
	*	5222	91.7	-	-	81.95	35.26	6.76	32.27	182	104	A	V
		5426.01	53.24	-20.76	74	43.05	35.5	6.9	32.21	182	104	P	V
		5360.12	43.04	-10.96	54	33	35.42	6.85	32.23	182	104	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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 CH 48 5240MHz		5102.15	52.18	-21.82	74	42.67	35.12	6.69	32.3	100	198	P	H
		5147.45	42.71	-11.29	54	33.1	35.18	6.72	32.29	100	198	A	H
	*	5242	102.99	-	-	93.18	35.3	6.77	32.26	100	198	P	H
	*	5242	92.92	-	-	83.11	35.3	6.77	32.26	100	198	A	H
		5418.53	52.35	-21.65	74	42.16	35.5	6.9	32.21	100	198	P	H
		5388.94	42.96	-11.04	54	32.84	35.46	6.88	32.22	100	198	A	H
		5126.6	52.95	-21.05	74	43.37	35.16	6.71	32.29	156	181	P	V
		5147.75	42.83	-11.17	54	33.22	35.18	6.72	32.29	156	181	A	V
	*	5238	100.65	-	-	90.86	35.28	6.77	32.26	156	181	P	V
	*	5238	90.97	-	-	81.18	35.28	6.77	32.26	156	181	A	V
		5381.9	52.52	-21.48	74	42.4	35.46	6.88	32.22	156	181	P	V
		5457.91	43	-11	54	32.72	35.54	6.94	32.2	156	181	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 HT20 (Harmonic @ 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 CH 36 5180MHz		10360	43.99	-30.01	74	53.17	38.2	9.8	57.18	100	0	P	H
		15540	45.13	-28.87	74	50.95	40.64	11.81	58.27	100	0	P	H
													H
													H
		10360	43.45	-30.55	74	52.63	38.2	9.8	57.18	100	0	P	V
		15540	45.48	-28.52	74	51.3	40.64	11.81	58.27	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	43.32	-30.68	74	52.44	38.2	9.82	57.14	100	0	P	H
		15660	44.7	-29.3	74	50.29	40.79	11.8	58.18	100	0	P	H
													H
													H
		10440	43.33	-30.67	74	52.45	38.2	9.82	57.14	100	0	P	V
		15660	45.1	-28.9	74	50.69	40.79	11.8	58.18	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	43.59	-30.41	74	52.66	38.2	9.84	57.11	100	0	P	H
		15720	45.48	-28.52	74	50.93	40.87	11.8	58.12	100	0	P	H
													H
													H
		10480	44.17	-29.83	74	53.24	38.2	9.84	57.11	100	0	P	V
		15720	45.95	-28.05	74	51.4	40.87	11.8	58.12	100	0	P	V
													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	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 HT40 CH 38 5190MHz		5148.05	60.74	-13.26	74	51.13	35.18	6.72	32.29	107	286	P	H
		5138.3	43.35	-10.65	54	33.77	35.16	6.71	32.29	107	286	A	H
	*	5192	95.98	-	-	86.26	35.24	6.75	32.27	107	286	P	H
	*	5192	86.5	-	-	76.78	35.24	6.75	32.27	107	286	A	H
		5397.41	52.62	-21.38	74	42.48	35.48	6.88	32.22	107	286	P	H
		5427.11	42.77	-11.23	54	32.58	35.5	6.9	32.21	107	286	A	H
		5147.15	63.15	-10.85	74	53.54	35.18	6.72	32.29	109	108	P	V
		5149.4	44.24	-9.76	54	34.63	35.18	6.72	32.29	109	108	A	V
	*	5192	99.21	-	-	89.49	35.24	6.75	32.27	109	108	P	V
	*	5192	89.74	-	-	80.02	35.24	6.75	32.27	109	108	A	V
		5413.36	53.2	-20.8	74	43.01	35.5	6.9	32.21	109	108	P	V
		5362.21	42.78	-11.22	54	32.72	35.44	6.85	32.23	109	108	A	V
802.11n HT40 CH 46 5230MHz		5148.95	53.21	-20.79	74	43.6	35.18	6.72	32.29	107	268	P	H
		5150	43.21	-10.79	54	33.6	35.18	6.72	32.29	107	268	A	H
	*	5232	100.5	-	-	90.72	35.28	6.76	32.26	107	268	P	H
	*	5232	90.83	-	-	81.05	35.28	6.76	32.26	107	268	A	H
		5384.65	53.56	-20.44	74	43.44	35.46	6.88	32.22	107	268	P	H
		5360.12	43.29	-10.71	54	33.25	35.42	6.85	32.23	107	268	A	H
		5148.2	52.59	-21.41	74	42.98	35.18	6.72	32.29	131	178	P	V
		5149.55	42.84	-11.16	54	33.23	35.18	6.72	32.29	131	178	A	V
	*	5232	97.8	-	-	88.02	35.28	6.76	32.26	131	178	P	V
	*	5232	87.87	-	-	78.09	35.28	6.76	32.26	131	178	A	V
		5383.77	52.44	-21.56	74	42.32	35.46	6.88	32.22	131	178	P	V
		5360.23	42.88	-11.12	54	32.84	35.42	6.85	32.23	131	178	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	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 HT40 CH 38 5190MHz		10380	44.1	-29.9	74	53.26	38.2	9.81	57.17	100	0	P	H
		15570	45.67	-28.33	74	51.42	40.68	11.81	58.24	100	0	P	H
													H
													H
		10380	43.77	-30.23	74	52.93	38.2	9.81	57.17	100	0	P	V
		15570	46.16	-27.84	74	51.91	40.68	11.81	58.24	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	44.75	-29.25	74	53.85	38.2	9.83	57.13	100	0	P	H
		15690	45.59	-28.41	74	51.11	40.83	11.8	58.15	100	0	P	H
													H
													H
		10460	44.15	-29.85	74	53.25	38.2	9.83	57.13	100	0	P	V
		15690	45.99	-28.01	74	51.51	40.83	11.8	58.15	100	0	P	V
													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	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 CH 52 5260MHz		5112.8	52.09	-21.91	74	42.56	35.14	6.69	32.3	100	185	P	H
		5135.3	42.72	-11.28	54	33.14	35.16	6.71	32.29	100	185	A	H
	*	5258	103.47	-	-	93.66	35.3	6.77	32.26	100	185	P	H
	*	5258	93.4	-	-	83.59	35.3	6.77	32.26	100	185	A	H
		5395.21	52.96	-21.04	74	42.82	35.48	6.88	32.22	100	185	P	H
		5365.84	43.09	-10.91	54	33.03	35.44	6.85	32.23	100	185	A	H
		5040.35	52.5	-21.5	74	43.11	35.06	6.65	32.32	133	179	P	V
		5102.6	42.86	-11.14	54	33.35	35.12	6.69	32.3	133	179	A	V
	*	5258	100	-	-	90.19	35.3	6.77	32.26	133	179	P	V
	*	5258	90.4	-	-	80.59	35.3	6.77	32.26	133	179	A	V
		5370.24	52.62	-21.38	74	42.56	35.44	6.85	32.23	133	179	P	V
		5432.94	43.06	-10.94	54	32.83	35.52	6.92	32.21	133	179	A	V
802.11n HT20 CH 60 5300MHz		5146.55	52.87	-21.13	74	43.26	35.18	6.72	32.29	106	267	P	H
		5148.95	42.74	-11.26	54	33.13	35.18	6.72	32.29	106	267	A	H
	*	5302	104.24	-	-	94.33	35.36	6.8	32.25	106	267	P	H
	*	5302	94.69	-	-	84.78	35.36	6.8	32.25	106	267	A	H
		5357.92	55.35	-18.65	74	45.31	35.42	6.85	32.23	106	267	P	H
		5350.11	44.75	-9.25	54	34.73	35.42	6.83	32.23	106	267	A	H
		5096.45	52.13	-21.87	74	42.62	35.12	6.69	32.3	156	181	P	V
		5138.75	42.78	-11.22	54	33.2	35.16	6.71	32.29	156	181	A	V
	*	5298	100.62	-	-	90.71	35.36	6.8	32.25	156	181	P	V
	*	5298	90.81	-	-	80.9	35.36	6.8	32.25	156	181	A	V
		5387.84	53.41	-20.59	74	43.29	35.46	6.88	32.22	156	181	P	V
		5350.11	43.38	-10.62	54	33.36	35.42	6.83	32.23	156	181	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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 CH 64 5320MHz	*	5318	104.92	-	-	94.97	35.38	6.81	32.24	105	272	P	H
	*	5318	95.02	-	-	85.07	35.38	6.81	32.24	105	272	A	H
		5355.94	58.12	-15.88	74	48.1	35.42	6.83	32.23	105	272	P	H
		5357.04	46.07	-7.93	54	36.03	35.42	6.85	32.23	105	272	A	H
													H
													H
	*	5322	98.57	-	-	88.62	35.38	6.81	32.24	140	172	P	V
	*	5322	89.43	-	-	79.48	35.38	6.81	32.24	140	172	A	V
		5358.03	53.69	-20.31	74	43.65	35.42	6.85	32.23	140	172	P	V
		5358.69	43.69	-10.31	54	33.65	35.42	6.85	32.23	140	172	A	V
													V
													V
Remark	3. No other spurious found.												
	4. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 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 CH 52 5260MHz		10520	44.22	-29.78	74	53.25	38.21	9.86	57.1	100	0	P	H
		15780	45.09	-28.91	74	50.44	40.93	11.8	58.08	100	0	P	H
													H
													H
		10520	43.77	-30.23	74	52.8	38.21	9.86	57.1	100	0	P	V
		15780	45.24	-28.76	74	50.59	40.93	11.8	58.08	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	43.64	-30.36	74	52.6	38.28	9.88	57.12	100	0	P	H
		15900	45.42	-28.58	74	50.55	41.08	11.77	57.98	100	0	P	H
													H
													H
		10600	43.45	-30.55	74	52.41	38.28	9.88	57.12	100	0	P	V
		15900	45.65	-28.35	74	50.78	41.08	11.77	57.98	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	43.26	-30.74	74	52.18	38.31	9.9	57.13	100	0	P	H
		15960	45.1	-28.9	74	50.11	41.16	11.76	57.93	100	0	P	H
													H
													H
		10640	43.38	-30.62	74	52.3	38.31	9.9	57.13	100	0	P	V
		15960	46.37	-27.63	74	51.38	41.16	11.76	57.93	100	0	P	V
													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	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 HT40 CH 54 5270MHz		5054.75	52.03	-21.97	74	42.59	35.08	6.67	32.31	105	269	P	H
		5148.2	42.51	-11.49	54	32.9	35.18	6.72	32.29	105	269	A	H
	*	5272	100.39	-	-	90.54	35.32	6.79	32.26	105	269	P	H
	*	5272	90.67	-	-	80.82	35.32	6.79	32.26	105	269	A	H
		5352.75	54.57	-19.43	74	44.55	35.42	6.83	32.23	105	269	P	H
		5352.42	44.24	-9.76	54	34.22	35.42	6.83	32.23	105	269	A	H
		5111.3	52.79	-21.21	74	43.26	35.14	6.69	32.3	100	180	P	V
		5144.3	42.43	-11.57	54	32.82	35.18	6.72	32.29	100	180	A	V
	*	5272	96.81	-	-	86.96	35.32	6.79	32.26	100	180	P	V
	*	5272	87.43	-	-	77.58	35.32	6.79	32.26	100	180	A	V
		5351.32	52.98	-21.02	74	42.96	35.42	6.83	32.23	100	180	P	V
		5360.78	43.11	-10.89	54	33.05	35.44	6.85	32.23	100	180	A	V
802.11n HT40 CH 62 5310MHz		5046.35	52.69	-21.31	74	43.28	35.06	6.67	32.32	117	269	P	H
		5140.25	42.47	-11.53	54	32.86	35.18	6.72	32.29	117	269	A	H
	*	5312	100.86	-	-	90.91	35.38	6.81	32.24	117	269	P	H
	*	5312	91.04	-	-	81.09	35.38	6.81	32.24	117	269	A	H
		5350.88	65.31	-8.69	74	55.29	35.42	6.83	32.23	117	269	P	H
		5350.22	46.56	-7.44	54	36.54	35.42	6.83	32.23	117	269	A	H
		5141	52.61	-21.39	74	43	35.18	6.72	32.29	146	182	P	V
		5146.55	42.55	-11.45	54	32.94	35.18	6.72	32.29	146	182	A	V
	*	5308	96.15	-	-	86.23	35.36	6.81	32.25	146	182	P	V
	*	5308	86.72	-	-	76.8	35.36	6.81	32.25	146	182	A	V
		5352.42	57.8	-16.2	74	47.78	35.42	6.83	32.23	146	182	P	V
		5352.86	43.89	-10.11	54	33.87	35.42	6.83	32.23	146	182	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	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 HT40 CH 54 5270MHz		10540	43.5	-30.5	74	52.52	38.23	9.86	57.11	100	0	P	H
		15810	46.49	-27.51	74	51.77	40.97	11.8	58.05	100	0	P	H
													H
													H
		10540	43.61	-30.39	74	52.63	38.23	9.86	57.11	100	0	P	V
		15810	45.9	-28.1	74	51.18	40.97	11.8	58.05	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	43.28	-30.72	74	52.21	38.3	9.89	57.12	100	0	P	H
		15930	45.09	-28.91	74	50.17	41.12	11.76	57.96	100	0	P	H
													H
													H
		10620	43.8	-30.2	74	52.73	38.3	9.89	57.12	100	0	P	V
		15930	44.93	-29.07	74	50.01	41.12	11.76	57.96	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	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 CH 100 5500MHz		5469.68	60.82	-13.18	74	50.52	35.56	6.94	32.2	100	270	P	H
		5458.48	47.95	-6.05	54	37.67	35.54	6.94	32.2	100	270	A	H
	*	5502	106.68	-	-	96.29	35.6	6.98	32.19	100	270	P	H
	*	5502	97.84	-	-	87.45	35.6	6.98	32.19	100	270	A	H
													H
													H
		5466.64	57.87	-16.13	74	47.57	35.56	6.94	32.2	100	126	P	V
		5457.52	46.35	-7.65	54	36.07	35.54	6.94	32.2	100	126	A	V
	*	5502	104.61	-	-	94.22	35.6	6.98	32.19	100	126	P	V
	*	5502	94.74	-	-	84.35	35.6	6.98	32.19	100	126	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5461.68	54.9	-19.1	74	44.62	35.54	6.94	32.2	100	270	P	H
		5373.36	44.68	-9.32	54	34.62	35.44	6.85	32.23	100	270	A	H
	*	5582	107.15	-	-	96.6	35.67	7.04	32.16	100	270	P	H
	*	5582	97.35	-	-	86.8	35.67	7.04	32.16	100	270	A	H
		5726.2	54.86	-19.14	74	44.04	35.78	7.16	32.12	100	270	P	H
		5734.92	43.81	-10.19	54	32.97	35.79	7.16	32.11	100	270	A	H
		5444.08	52.65	-21.35	74	42.42	35.52	6.92	32.21	111	93	P	V
		5455.44	43.24	-10.76	54	32.96	35.54	6.94	32.2	111	93	A	V
	*	5582	105.28	-	-	94.73	35.67	7.04	32.16	111	93	P	V
	*	5582	95.81	-	-	85.26	35.67	7.04	32.16	111	93	A	V
		5745.24	54.89	-19.11	74	44.03	35.79	7.18	32.11	111	93	P	V
		5743.88	43.94	-10.06	54	33.08	35.79	7.18	32.11	111	93	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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 CH 140 5700MHz	*	5702	105.52	-	-	94.72	35.77	7.15	32.12	108	265	P	H
	*	5702	95.98	-	-	85.18	35.77	7.15	32.12	108	265	A	H
		5730.28	64.58	-9.42	74	53.76	35.78	7.16	32.12	108	265	P	H
		5726.6	48.27	-5.73	54	37.45	35.78	7.16	32.12	108	265	A	H
													H
													H
	*	5702	104.2	-	-	93.4	35.77	7.15	32.12	152	106	P	V
	*	5702	104.2	-	-	93.4	35.77	7.15	32.12	152	106	A	V
		5725.72	63.01	-10.99	74	52.19	35.78	7.16	32.12	152	106	P	V
		5726.2	46.51	-7.49	54	35.69	35.78	7.16	32.12	152	106	A	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 (Harmonic @ 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 CH 100 5500MHz		11000	44.01	-29.99	74	52.53	38.6	10.08	57.2	100	0	P	H
		16500	50.01	-23.99	74	53.53	41.4	12.18	57.1	100	0	P	H
													H
													H
		11000	44.42	-29.58	74	52.94	38.6	10.08	57.2	100	0	P	V
		16500	51.69	-22.31	74	55.21	41.4	12.18	57.1	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	44.26	-29.74	74	52.48	38.73	10.15	57.1	100	0	P	H
		16740	47.72	-26.28	74	50.76	41.74	12.32	57.1	100	0	P	H
													H
													H
		11160	45.1	-28.9	74	53.32	38.73	10.15	57.1	100	0	P	V
		16740	52.44	-21.56	74	55.48	41.74	12.32	57.1	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	44.43	-29.57	74	52.19	38.92	10.28	56.96	100	0	P	H
		17100	46.91	-27.09	74	49.73	42.06	12.48	57.36	100	0	P	H
													H
													H
		11400	44.96	-29.04	74	52.72	38.92	10.28	56.96	100	0	P	V
		17100	46.78	-27.22	74	49.6	42.06	12.48	57.36	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 HT40 (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)
802.11n HT40 CH 102 5510MHz		5470	67.41	-6.59	74	57.11	35.56	6.94	32.2	100	270	P	H
		5469.04	48.67	-5.33	54	38.37	35.56	6.94	32.2	100	270	A	H
	*	5508	102.32	-	-	91.93	35.6	6.98	32.19	100	270	P	H
	*	5508	92.49	-	-	82.1	35.6	6.98	32.19	100	270	A	H
		5741.64	54.16	-19.84	74	43.3	35.79	7.18	32.11	100	270	P	H
		5737.96	43.56	-10.44	54	32.72	35.79	7.16	32.11	100	270	A	H
		5466.16	63.92	-10.08	74	53.62	35.56	6.94	32.2	100	124	P	V
		5470	46.52	-7.48	54	36.22	35.56	6.94	32.2	100	124	A	V
	*	5512	99.57	-	-	89.18	35.6	6.98	32.19	100	124	P	V
	*	5512	89.28	-	-	78.89	35.6	6.98	32.19	100	124	A	V
		5748.68	53.72	-20.28	74	42.86	35.79	7.18	32.11	100	124	P	V
		5764.44	43.47	-10.53	54	32.57	35.81	7.2	32.11	100	124	A	V
802.11n HT40 CH 110 5550MHz		5458.16	55.75	-18.25	74	45.47	35.54	6.94	32.2	100	268	P	H
		5468.72	45.04	-8.96	54	34.74	35.56	6.94	32.2	100	268	A	H
	*	5548	102.15	-	-	91.66	35.64	7.02	32.17	100	268	P	H
	*	5548	92.54	-	-	82.05	35.64	7.02	32.17	100	268	A	H
		5726.52	53.34	-20.66	74	42.52	35.78	7.16	32.12	100	268	P	H
		5725.96	43.64	-10.36	54	32.82	35.78	7.16	32.12	100	268	A	H
		5450	54.33	-19.67	74	44.07	35.54	6.92	32.2	100	127	P	V
		5458.32	44.19	-9.81	54	33.91	35.54	6.94	32.2	100	127	A	V
	*	5548	99	-	-	88.51	35.64	7.02	32.17	100	127	P	V
	*	5548	89.57	-	-	79.08	35.64	7.02	32.17	100	127	A	V
		5737.8	53.83	-20.17	74	42.99	35.79	7.16	32.11	100	127	P	V
		5741.96	43.59	-10.41	54	32.73	35.79	7.18	32.11	100	127	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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 HT40 CH 134 5670MHz		5368.56	52.6	-21.4	74	42.54	35.44	6.85	32.23	109	268	P	H
		5355.12	43.14	-10.86	54	33.12	35.42	6.83	32.23	109	268	A	H
	*	5672	102.61	-	-	91.87	35.74	7.13	32.13	109	268	P	H
	*	5672	93.07	-	-	82.33	35.74	7.13	32.13	109	268	A	H
		5730.76	60.37	-13.63	74	49.55	35.78	7.16	32.12	109	268	P	H
		5725.4	46.35	-7.65	54	35.53	35.78	7.16	32.12	109	268	A	H
		5386.96	53.2	-20.8	74	43.08	35.46	6.88	32.22	165	106	P	V
		5356.88	43.61	-10.39	54	33.57	35.42	6.85	32.23	165	106	A	V
	*	5672	101.34	-	-	90.6	35.74	7.13	32.13	165	106	P	V
	*	5672	91.43	-	-	80.69	35.74	7.13	32.13	165	106	A	V
		5725.16	60.35	-13.65	74	49.53	35.78	7.16	32.12	165	106	P	V
		5742.68	45.74	-8.26	54	34.88	35.79	7.18	32.11	165	106	A	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 (Harmonic @ 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 HT40 CH 102 5510MHz		11020	44.74	-29.26	74	53.23	38.61	10.09	57.19	100	0	P	H
		16530	45.81	-28.19	74	49.26	41.45	12.2	57.1	100	0	P	H
													H
													H
		11020	44.64	-29.36	74	53.13	38.61	10.09	57.19	100	0	P	V
		16530	45.9	-28.1	74	49.35	41.45	12.2	57.1	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	44.63	-29.37	74	52.96	38.68	10.13	57.14	100	0	P	H
		16650	46.21	-27.79	74	49.41	41.62	12.28	57.1	100	0	P	H
													H
													H
		11100	45.16	-28.84	74	53.49	38.68	10.13	57.14	100	0	P	V
		16650	46.94	-27.06	74	50.14	41.62	12.28	57.1	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	44.4	-29.6	74	52.28	38.87	10.25	57	100	0	P	H
		17010	46.71	-27.29	74	49.32	42.09	12.44	57.14	100	0	P	H
													H
													H
		11340	45	-29	74	52.88	38.87	10.25	57	100	0	P	V
		17010	46.87	-27.13	74	49.48	42.09	12.44	57.14	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

WIFI 802.11n HT40 (LF @ 3m)[illegible]



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency per 15.209(c).
!	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”.