



Appendix B. Radiated Spurious Emission

Test Engineer :	Derreck Chen, Ken Wu and Nick Yu	Temperature :	21~23°C
		Relative Humidity :	47~49%

15E 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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		5082.5	54.34	-19.66	74	43.05	34.52	9.16	32.39	113	356	P	H
		5149.55	41.78	-12.22	54	30.52	34.61	9.14	32.49	113	356	A	H
	*	5179	101.79	-	-	90.52	34.66	9.13	32.52	113	356	P	H
	*	5179	90.04	-	-	78.77	34.66	9.13	32.52	113	356	A	H
													H
													H
		5129.15	55.9	-18.1	74	44.61	34.59	9.15	32.45	118	328	P	V
		5145.95	42.5	-11.5	54	31.24	34.61	9.14	32.49	118	328	A	V
	*	5182	100.96	-	-	89.69	34.66	9.13	32.52	118	328	P	V
	*	5182	91.13	-	-	79.86	34.66	9.13	32.52	118	328	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5135.9	54.46	-19.54	74	43.17	34.59	9.15	32.45	112	357	P	H
		5148.05	41.28	-12.72	54	30.02	34.61	9.14	32.49	112	357	A	H
	*	5222	101.24	-	-	90.02	34.7	9.17	32.65	112	357	P	H
	*	5222	90.28	-	-	79.06	34.7	9.17	32.65	112	357	A	H
		5437.45	54.68	-19.32	74	43.44	35.01	9.71	33.48	112	357	P	H
		5362.43	41.76	-12.24	54	30.53	34.91	9.5	33.18	112	357	A	H
		5075.6	55.78	-18.22	74	44.49	34.52	9.16	32.39	108	169	P	V
		5065.25	42.13	-11.87	54	30.82	34.49	9.17	32.35	108	169	A	V
	*	5218	101.42	-	-	90.1	34.7	9.17	32.55	108	169	P	V
	*	5218	91.1	-	-	79.78	34.7	9.17	32.55	108	169	A	V
		5373.54	55.9	-18.1	74	44.77	34.91	9.5	33.28	108	169	P	V
		5373.54	43.18	-10.82	54	32.05	34.91	9.5	33.28	108	169	A	V



802.11n HT20 CH 48 5240MHz		5140.1	54.92	-19.08	74	43.62	34.61	9.14	32.45	102	357	P	H
		5093.6	41.46	-12.54	54	30.19	34.54	9.15	32.42	102	357	A	H
	*	5242	101.69	-	-	90.36	34.75	9.23	32.65	102	357	P	H
	*	5242	90.12	-	-	78.79	34.75	9.23	32.65	102	357	A	H
		5367.93	55.54	-18.46	74	44.31	34.91	9.5	33.18	102	357	P	H
		5386.08	41.88	-12.12	54	30.67	34.94	9.55	33.28	102	357	A	H
		5092.4	55.33	-18.67	74	44.03	34.54	9.15	32.39	137	164	P	V
		5084.9	41.86	-12.14	54	30.57	34.52	9.16	32.39	137	164	A	V
	*	5238	101.58	-	-	90.27	34.73	9.23	32.65	137	164	P	V
	*	5238	91.11	-	-	79.8	34.73	9.23	32.65	137	164	A	V
		5366.94	55.07	-18.93	74	43.84	34.91	9.5	33.18	137	164	P	V
		5393.78	42.38	-11.62	54	31.17	34.94	9.55	33.28	137	164	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		10359	44.48	-29.52	74	52.25	37.22	13.88	58.87	100	0	P	H
		15540	45.34	-28.66	74	46.96	40.34	15.53	57.49	100	0	P	H
													H
													H
		10359	45.32	-28.68	74	53.09	37.22	13.88	58.87	100	0	P	V
		15540	45.52	-28.48	74	47.14	40.34	15.53	57.49	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	44.21	-29.79	74	51.91	37.26	13.92	58.88	200	0	P	H
		15660	45.93	-28.07	74	47.2	40.49	15.59	57.35	100	0	P	H
													H
													H
		10440	43.79	-30.21	74	51.49	37.26	13.92	58.88	100	0	P	V
		15660	45.12	-28.88	74	46.39	40.49	15.59	57.35	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10479	44.3	-29.7	74	51.96	37.29	13.94	58.89	100	0	P	H
		15720	46.3	-27.7	74	47.38	40.57	15.62	57.27	100	0	P	H
													H
													H
		10479	43.94	-30.06	74	51.6	37.29	13.94	58.89	100	0	P	V
		15720	45.36	-28.64	74	46.44	40.57	15.62	57.27	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		5149.7	57.77	-16.23	74	46.51	34.61	9.14	32.49	103	356	P	H
		5149.85	42.98	-11.02	54	31.72	34.61	9.14	32.49	103	356	A	H
	*	5192	98.98	-	-	87.7	34.68	9.12	32.52	103	356	P	H
	*	5192	87.98	-	-	76.7	34.68	9.12	32.52	103	356	A	H
		5421.83	54.85	-19.15	74	43.63	34.98	9.63	33.39	103	356	P	H
		5356.05	42.48	-11.52	54	31.27	34.89	9.5	33.18	103	356	A	H
		5144.75	61.62	-12.38	74	50.36	34.61	9.14	32.49	129	323	P	V
		5149.7	45.04	-8.96	54	33.78	34.61	9.14	32.49	129	323	A	V
	*	5192	99.84	-	-	88.56	34.68	9.12	32.52	129	323	P	V
	*	5192	90.23	-	-	78.95	34.68	9.12	32.52	129	323	A	V
		5357.26	55.19	-18.81	74	43.98	34.89	9.5	33.18	129	323	P	V
		5354.4	43.03	-10.97	54	31.88	34.89	9.44	33.18	129	323	A	V
802.11n HT40 CH 46 5230MHz		5091.35	55.03	-18.97	74	43.72	34.54	9.16	32.39	113	356	P	H
		5077.85	42.5	-11.5	54	31.21	34.52	9.16	32.39	113	356	A	H
	*	5229	98.55	-	-	87.3	34.73	9.17	32.65	113	356	P	H
	*	5229	88.31	-	-	77.06	34.73	9.17	32.65	113	356	A	H
		5388.06	54.9	-19.1	74	43.69	34.94	9.55	33.28	113	356	P	H
		5392.9	42.4	-11.6	54	31.19	34.94	9.55	33.28	113	356	A	H
		5065.1	55.13	-18.87	74	43.82	34.49	9.17	32.35	126	227	P	V
		5095.85	42.73	-11.27	54	31.46	34.54	9.15	32.42	126	227	A	V
	*	5228	100.33	-	-	89.08	34.73	9.17	32.65	126	227	P	V
	*	5228	90.43	-	-	79.18	34.73	9.17	32.65	126	227	A	V
		5387.95	55.61	-18.39	74	44.4	34.94	9.55	33.28	126	227	P	V
		5376.18	43.55	-10.45	54	32.42	34.91	9.5	33.28	126	227	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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	45.31	-28.69	74	53.06	37.23	13.89	58.87	100	0	P	H
		15570	47.75	-26.25	74	49.28	40.38	15.54	57.45	100	0	P	H
													H
													H
		10380	44.29	-29.71	74	52.04	37.23	13.89	58.87	100	0	P	V
		15570	46.94	-27.06	74	48.47	40.38	15.54	57.45	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10461	44.89	-29.11	74	52.56	37.28	13.93	58.88	100	0	P	H
		15690	46.47	-27.53	74	47.65	40.53	15.6	57.31	100	0	P	H
													H
													H
		10461	44.68	-29.32	74	52.35	37.28	13.93	58.88	100	0	P	V
		15690	47.11	-26.89	74	48.29	40.53	15.6	57.31	100	0	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



15E 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		5109.35	54.86	-19.14	74	43.57	34.56	9.15	32.42	102	355	P	H
		5114.3	41.28	-12.72	54	29.99	34.56	9.15	32.42	102	355	A	H
	*	5262	101.92	-	-	90.63	34.77	9.28	32.76	102	355	P	H
	*	5262	91.67	-	-	80.38	34.77	9.28	32.76	102	355	A	H
		5351.43	55.03	-18.97	74	43.88	34.89	9.44	33.18	102	355	P	H
		5412.26	42.09	-11.91	54	30.87	34.98	9.63	33.39	102	355	A	H
		5130.35	55.03	-18.97	74	43.74	34.59	9.15	32.45	100	164	P	V
		5114.45	41.99	-12.01	54	30.7	34.56	9.15	32.42	100	164	A	V
	*	5262	101.4	-	-	90.11	34.77	9.28	32.76	100	164	P	V
	*	5262	90.99	-	-	79.7	34.77	9.28	32.76	100	164	A	V
		5405.66	55.33	-18.67	74	44.13	34.96	9.63	33.39	100	164	P	V
		5407.2	42.43	-11.57	54	31.23	34.96	9.63	33.39	100	164	A	V
802.11n HT20 CH 60 5300MHz		5043.65	54.86	-19.14	74	43.56	34.47	9.18	32.35	101	358	P	H
		5148.65	41.46	-12.54	54	30.2	34.61	9.14	32.49	101	358	A	H
	*	5298	102.31	-	-	91.12	34.82	9.34	32.97	101	358	P	H
	*	5298	91.53	-	-	80.34	34.82	9.34	32.97	101	358	A	H
		5369.36	55.16	-18.84	74	43.93	34.91	9.5	33.18	101	358	P	H
		5354.62	42.03	-11.97	54	30.88	34.89	9.44	33.18	101	358	A	H
		5142.8	54.78	-19.22	74	43.48	34.61	9.14	32.45	105	170	P	V
		5149.4	41.96	-12.04	54	30.7	34.61	9.14	32.49	105	170	A	V
	*	5298	101.77	-	-	90.58	34.82	9.34	32.97	105	170	P	V
	*	5298	91.82	-	-	80.63	34.82	9.34	32.97	105	170	A	V
		5394.77	55.35	-18.65	74	44.12	34.96	9.55	33.28	105	170	P	V
		5357.37	42.54	-11.46	54	31.33	34.89	9.5	33.18	105	170	A	V



802.11n HT20 CH 64 5320MHz	*	5318	103.47	-	-	92.21	34.84	9.39	32.97	100	177	P	H
	*	5318	93.28	-	-	82.02	34.84	9.39	32.97	100	177	A	H
		5359.68	56.64	-17.36	74	45.43	34.89	9.5	33.18	100	177	P	H
		5352.31	43.97	-10.03	54	32.82	34.89	9.44	33.18	100	177	A	H
													H
													H
	*	5318	102.08	-	-	90.82	34.84	9.39	32.97	117	37	P	V
	*	5318	91.41	-	-	80.15	34.84	9.39	32.97	117	37	A	V
		5377.61	55.84	-18.16	74	44.68	34.94	9.5	33.28	117	37	P	V
		5352.53	42.76	-11.24	54	31.61	34.89	9.44	33.18	117	37	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		10521	43.29	-30.71	74	50.84	37.32	13.97	58.84	100	0	P	H
		15780	46.97	-27.03	74	47.91	40.63	15.65	57.22	100	0	P	H
													H
													H
		10521	43.75	-30.25	74	51.3	37.32	13.97	58.84	100	0	P	V
		15780	46.44	-27.56	74	47.38	40.63	15.65	57.22	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10599	42.27	-31.73	74	49.45	37.42	14.01	58.61	100	0	P	H
		15900	46.44	-27.56	74	47.02	40.78	15.72	57.08	100	0	P	H
													H
													H
		10599	42.99	-31.01	74	50.17	37.42	14.01	58.61	100	0	P	V
		15900	46.25	-27.75	74	46.83	40.78	15.72	57.08	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10641	43.18	-30.82	74	50.2	37.47	14.03	58.52	100	0	P	H
		15960	46.21	-27.79	74	46.61	40.86	15.74	57	100	0	P	H
													H
													H
		10641	42.26	-31.74	74	49.28	37.47	14.03	58.52	100	0	P	V
		15960	47.17	-26.83	74	47.57	40.86	15.74	57	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		5091.2	54.61	-19.39	74	43.3	34.54	9.16	32.39	100	357	P	H
		5136.35	41.96	-12.04	54	30.67	34.59	9.15	32.45	100	357	A	H
	*	5272	97.47	-	-	86.28	34.77	9.28	32.86	100	357	P	H
	*	5272	87.27	-	-	76.08	34.77	9.28	32.86	100	357	A	H
		5402.91	55.48	-18.52	74	44.36	34.96	9.55	33.39	100	357	P	H
		5412.59	42.39	-11.61	54	31.17	34.98	9.63	33.39	100	357	A	H
		5129.45	55.69	-18.31	74	44.4	34.59	9.15	32.45	126	250	P	V
		5137.55	43.01	-10.99	54	31.72	34.59	9.15	32.45	126	250	A	V
	*	5268	100.83	-	-	89.54	34.77	9.28	32.76	126	250	P	V
	*	5268	91.62	-	-	80.33	34.77	9.28	32.76	126	250	A	V
		5409.4	56.38	-17.62	74	45.18	34.96	9.63	33.39	126	250	P	V
		5405.22	43.33	-10.67	54	32.13	34.96	9.63	33.39	126	250	A	V
802.11n HT40 CH 62 5310MHz		5108.9	54.35	-19.65	74	43.06	34.56	9.15	32.42	100	356	P	H
		5149.55	42.3	-11.7	54	31.04	34.61	9.14	32.49	100	356	A	H
	*	5312	97.64	-	-	86.38	34.84	9.39	32.97	100	356	P	H
	*	5312	86.7	-	-	75.44	34.84	9.39	32.97	100	356	A	H
		5352.53	57.38	-16.62	74	46.23	34.89	9.44	33.18	100	356	P	H
		5358.8	42.86	-11.14	54	31.65	34.89	9.5	33.18	100	356	A	H
		5000.45	54.88	-19.12	74	43.58	34.4	9.19	32.29	123	251	P	V
		5148.35	42.34	-11.66	54	31.08	34.61	9.14	32.49	123	251	A	V
	*	5312	100.07	-	-	88.81	34.84	9.39	32.97	123	251	P	V
	*	5312	90.99	-	-	79.73	34.84	9.39	32.97	123	251	A	V
		5352.64	65.64	-8.36	74	54.49	34.89	9.44	33.18	123	251	P	V
		5350.44	44.87	-9.13	54	33.72	34.89	9.44	33.18	123	251	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		11589	44.87	-29.13	74	48.74	38.32	14.55	56.74	100	0	P	H
		17385	50.02	-23.98	74	47.03	42.09	17.13	56.23	100	0	P	H
													H
													H
		11589	45.17	-28.83	74	49.04	38.32	14.55	56.74	100	0	P	V
		17385	50.33	-23.67	74	47.34	42.09	17.13	56.23	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	44	-30	74	51.11	37.44	14.02	58.57	100	0	P	H
		15930	47.44	-26.56	74	47.93	40.82	15.73	57.04	100	0	P	H
													H
													H
		10620	44.5	-29.5	74	51.61	37.44	14.02	58.57	100	0	P	V
		15930	47.65	-26.35	74	48.14	40.82	15.73	57.04	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		5458.8	56.82	-17.18	74	45.57	35.03	9.79	33.57	106	29	P	H
		5470	44.03	-9.97	54	32.76	35.05	9.79	33.57	106	29	A	H
	*	5503	102.01	-	-	90.69	35.1	9.96	33.74	106	29	P	H
	*	5503	92.6	-	-	81.28	35.1	9.96	33.74	106	29	A	H
													H
													H
		5465.68	55.78	-18.22	74	44.51	35.05	9.79	33.57	116	82	P	V
		5466.96	43.16	-10.84	54	31.89	35.05	9.79	33.57	116	82	A	V
	*	5502	99.58	-	-	88.26	35.1	9.96	33.74	116	82	P	V
	*	5502	90.49	-	-	79.17	35.1	9.96	33.74	116	82	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5389.04	55.02	-18.98	74	43.81	34.94	9.55	33.28	104	347	P	H
		5360.88	41.59	-12.41	54	30.36	34.91	9.5	33.18	104	347	A	H
	*	5579	101.5	-	-	90.17	35.14	10.2	34.01	104	347	P	H
	*	5579	91.87	-	-	80.54	35.14	10.2	34.01	104	347	A	H
		5749.72	54.7	-19.3	74	43.65	35.24	9.98	34.17	104	347	P	H
		5750.68	41.25	-12.75	54	30.2	35.24	9.98	34.17	104	347	A	H
		5360.56	56.06	-17.94	74	44.83	34.91	9.5	33.18	100	246	P	V
		5358.64	43.67	-10.33	54	32.46	34.89	9.5	33.18	100	246	A	V
	*	5578	103.97	-	-	92.64	35.14	10.2	34.01	100	246	P	V
	*	5578	94.32	-	-	82.99	35.14	10.2	34.01	100	246	A	V
		5730.76	55	-19	74	43.91	35.23	10.03	34.17	100	246	P	V
		5756.36	41.17	-12.83	54	30.13	35.26	9.98	34.2	100	246	A	V



802.11n HT20 CH 140 5700MHz	*	5698	98.42	-	-	87.25	35.21	10.08	34.12	100	347	P	H
	*	5698	86.82	-	-	75.65	35.21	10.08	34.12	100	347	A	H
		5726.52	56.04	-17.96	74	44.93	35.23	10.03	34.15	100	347	P	H
		5725.16	42.45	-11.55	54	31.34	35.23	10.03	34.15	100	347	A	H
													H
													H
	*	5698	100.57	-	-	89.4	35.21	10.08	34.12	177	221	P	V
	*	5698	91	-	-	79.83	35.21	10.08	34.12	177	221	A	V
		5727.56	60.25	-13.75	74	49.14	35.23	10.03	34.15	177	221	P	V
		5725	44.15	-9.85	54	33.04	35.23	10.03	34.15	177	221	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		11001	44.57	-29.43	74	50	37.9	14.23	57.56	100	0	P	H
		16500	46.93	-27.07	74	45.24	41.4	16.26	55.97	100	0	P	H
													H
													H
		11001	45.14	-28.86	74	50.57	37.9	14.23	57.56	100	0	P	V
		16500	47.29	-26.71	74	45.6	41.4	16.26	55.97	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	45.85	-28.15	74	50.9	38	14.31	57.36	100	0	P	H
		16740	48.49	-25.51	74	46.17	41.88	16.49	56.05	100	0	P	H
													H
													H
		11160	46.09	-27.91	74	51.14	38	14.31	57.36	100	0	P	V
		16740	49.48	-24.52	74	47.16	41.88	16.49	56.05	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	45.87	-28.13	74	50.36	38.14	14.44	57.07	100	0	P	H
		17100	50.79	-23.21	74	47.78	42.32	16.85	56.16	100	0	P	H
													H
													H
		11400	47.29	-26.71	74	51.78	38.14	14.44	57.07	100	0	P	V
		17100	50.72	-23.28	74	47.71	42.32	16.85	56.16	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		5469.84	62.17	-11.83	74	50.9	35.05	9.79	33.57	100	64	P	H
		5469.68	46.59	-7.41	54	35.32	35.05	9.79	33.57	100	64	A	H
	*	5512	94.47	-	-	83.15	35.1	9.96	33.74	100	64	P	H
	*	5512	84.6	-	-	73.28	35.1	9.96	33.74	100	64	A	H
		5743.32	54.69	-19.31	74	43.64	35.24	9.98	34.17	100	64	P	H
		5753.56	41.86	-12.14	54	30.79	35.26	9.98	34.17	100	64	A	H
		5470	66.39	-7.61	74	55.12	35.05	9.79	33.57	100	248	P	V
		5469.04	51.23	-2.77	54	39.96	35.05	9.79	33.57	100	248	A	V
	*	5508	100.73	-	-	89.41	35.1	9.96	33.74	100	248	P	V
	*	5508	91.66	-	-	80.34	35.1	9.96	33.74	100	248	A	V
		5738.04	54.34	-19.66	74	43.24	35.24	10.03	34.17	100	248	P	V
		5750.12	41.85	-12.15	54	30.8	35.24	9.98	34.17	100	248	A	V
802.11n HT40 CH 110 5550MHz		5434.32	55.24	-18.76	74	44	35.01	9.71	33.48	100	68	P	H
		5458.16	42.91	-11.09	54	31.66	35.03	9.79	33.57	100	68	A	H
	*	5548	93.95	-	-	82.53	35.13	10.12	33.83	100	68	P	H
	*	5548	84.32	-	-	72.9	35.13	10.12	33.83	100	68	A	H
		5760.28	54.92	-19.08	74	43.88	35.26	9.98	34.2	100	68	P	H
		5750.52	41.93	-12.07	54	30.88	35.24	9.98	34.17	100	68	A	H
		5466.64	57.1	-16.9	74	45.83	35.05	9.79	33.57	100	236	P	V
		5462.16	44.6	-9.4	54	33.35	35.03	9.79	33.57	100	236	A	V
	*	5548	100.32	-	-	88.9	35.13	10.12	33.83	100	236	P	V
	*	5548	91.36	-	-	79.94	35.13	10.12	33.83	100	236	A	V
		5743.32	54.23	-19.77	74	43.18	35.24	9.98	34.17	100	236	P	V
		5755.64	42.13	-11.87	54	31.06	35.26	9.98	34.17	100	236	A	V



802.11n HT40 CH 134 5670MHz		5377.52	55.98	-18.02	74	44.82	34.94	9.5	33.28	101	341	P	H
		5370.48	42.6	-11.4	54	31.37	34.91	9.5	33.18	101	341	A	H
	*	5668	94.79	-	-	83.5	35.2	10.18	34.09	101	341	P	H
	*	5668	85.14	-	-	73.85	35.2	10.18	34.09	101	341	A	H
		5731.96	55.3	-18.7	74	44.21	35.23	10.03	34.17	101	341	P	H
		5752.04	42.22	-11.78	54	31.15	35.26	9.98	34.17	101	341	A	H
		5430.32	57.17	-16.83	74	45.93	35.01	9.71	33.48	125	213	P	V
		5458.48	43.91	-10.09	54	32.66	35.03	9.79	33.57	125	213	A	V
	*	5668	99.57	-	-	88.28	35.2	10.18	34.09	125	213	P	V
	*	5668	89.8	-	-	78.51	35.2	10.18	34.09	125	213	A	V
		5727.64	56.3	-17.7	74	45.19	35.23	10.03	34.15	125	213	P	V
		5742.28	42.9	-11.1	54	31.85	35.24	9.98	34.17	125	213	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		11019	46.65	-27.35	74	52.05	37.91	14.23	57.54	100	0	P	H
		16530	48.4	-25.6	74	46.63	41.47	16.28	55.98	100	0	P	H
													H
													H
		11019	46.93	-27.07	74	52.33	37.91	14.23	57.54	100	0	P	V
		16530	48.43	-25.57	74	46.66	41.47	16.28	55.98	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	47.09	-26.91	74	52.29	37.96	14.28	57.44	100	0	P	H
		16650	49	-25	74	46.91	41.71	16.4	56.02	100	0	P	H
													H
													H
		11100	46.5	-27.5	74	51.7	37.96	14.28	57.44	100	0	P	V
		16650	48.06	-25.94	74	45.97	41.71	16.4	56.02	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	46.96	-27.04	74	51.59	38.1	14.42	57.15	100	0	P	H
		17010	49.57	-24.43	74	46.56	42.39	16.75	56.13	100	0	P	H
													H
													H
		11340	45.97	-28.03	74	50.6	38.1	14.42	57.15	100	0	P	V
		17010	48.99	-25.01	74	45.98	42.39	16.75	56.13	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		46.74	27.06	-12.94	40	47.79	9.8	0.67	31.2	144	247	P	H
		60.51	20.43	-19.57	40	44.97	6	0.76	31.3			P	H
		76.98	26.19	-13.81	40	49.66	6.87	0.86	31.2			P	H
		475	19.49	-26.51	46	30.37	17.55	2.37	30.8			P	H
		671.7	23.42	-22.58	46	30.58	20.42	2.88	30.46			P	H
		871.2	25.63	-20.37	46	29.7	22.99	3.3	30.36			P	H
													H
													H
													H
													H
													H
													H
		76.17	30.36	-9.64	40	53.83	6.87	0.86	31.2	166	58	P	V
		151.77	27.99	-15.51	43.5	47.14	10.76	1.21	31.12			P	V
		160.68	27.36	-16.14	43.5	46.97	10.36	1.22	31.19			P	V
		475	23.07	-22.93	46	33.95	17.55	2.37	30.8			P	V
		594	23.69	-22.31	46	32.1	19.54	2.67	30.62			P	V
		862.8	26.66	-19.34	46	30.6	23.14	3.29	30.37			P	V
													V
													V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



15E 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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		5469.2	62.67	-11.33	74	51.4	35.05	9.79	33.57	100	42	P	H
		5467.76	47.93	-6.07	54	36.66	35.05	9.79	33.57	100	42	A	H
	*	5508	91.84	-	-	80.52	35.1	9.96	33.74	100	42	P	H
	*	5508	82.21	-	-	70.89	35.1	9.96	33.74	100	42	A	H
		5747	56.18	-17.82	74	45.13	35.24	9.98	34.17	100	42	P	H
		5749.32	42.84	-11.16	54	31.79	35.24	9.98	34.17	100	42	A	H
		5468.24	68.83	-5.17	74	57.56	35.05	9.79	33.57	101	51	P	V
		5468.56	51.24	-2.76	54	39.97	35.05	9.79	33.57	101	51	A	V
	*	5507	97.91	-	-	86.59	35.1	9.96	33.74	101	51	P	V
	*	5508	88.9	-	-	77.58	35.1	9.96	33.74	101	51	A	V
		5757.72	56	-18	74	44.96	35.26	9.98	34.2	101	51	P	V
		5726.6	42.85	-11.15	54	31.74	35.23	10.03	34.15	101	51	A	V

15E 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.	
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	46.46	-27.54	74	51.85	37.91	14.24	57.54	100	0	P	H
		16530	48.64	-25.36	74	46.87	41.47	16.28	55.98	100	0	P	H
													H
													H
		11020	46.18	-27.82	74	51.57	37.91	14.24	57.54	100	0	P	V
		16530	48.75	-25.25	74	46.98	41.47	16.28	55.98	100	0	P	V
													V
													V

15E Emission below 1GHz

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



15E 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		5146.55	66.52	-7.48	74	55.26	34.61	9.14	32.49	100	4	P	H
		5149.7	50.62	-3.38	54	39.36	34.61	9.14	32.49	100	4	A	H
	*	5182	109.38	-	-	98.11	34.66	9.13	32.52	100	4	P	H
	*	5182	99.67	-	-	88.4	34.66	9.13	32.52	100	4	A	H
													H
													H
		5148.05	64.06	-9.94	74	52.8	34.61	9.14	32.49	198	230	P	V
		5149.55	47.03	-6.97	54	35.77	34.61	9.14	32.49	198	230	A	V
	*	5182	104.62	-	-	93.35	34.66	9.13	32.52	198	230	P	V
	*	5182	95.17	-	-	83.9	34.66	9.13	32.52	198	230	A	V
													V
													V
802.11a CH 44 5220MHz		5067.8	60.93	-13.07	74	49.66	34.49	9.17	32.39	100	5	P	H
		5066.6	48.42	-5.58	54	37.11	34.49	9.17	32.35	100	5	A	H
	*	5218	110.02	-	-	98.7	34.7	9.17	32.55	100	5	P	H
	*	5218	99.7	-	-	88.38	34.7	9.17	32.55	100	5	A	H
		5367.27	58.5	-15.5	74	47.27	34.91	9.5	33.18	100	5	P	H
		5366.94	46.21	-7.79	54	34.98	34.91	9.5	33.18	100	5	A	H
		5139.35	56.04	-17.96	74	44.75	34.59	9.15	32.45	197	227	P	V
		5067.05	43.26	-10.74	54	31.95	34.49	9.17	32.35	197	227	A	V
	*	5218	105.66	-	-	94.34	34.7	9.17	32.55	197	227	P	V
	*	5218	96.09	-	-	84.77	34.7	9.17	32.55	197	227	A	V
		5376.51	56.17	-17.83	74	45.04	34.91	9.5	33.28	197	227	P	V
		5373.32	43.9	-10.1	54	32.77	34.91	9.5	33.28	197	227	A	V



802.11a CH 48 5240MHz		5091.65	60.43	-13.57	74	49.12	34.54	9.16	32.39	100	4	P	H
		5087	47.42	-6.58	54	36.13	34.52	9.16	32.39	100	4	A	H
	*	5238	110.52	-	-	99.21	34.73	9.23	32.65	100	4	P	H
	*	5238	100.17	-	-	88.86	34.73	9.23	32.65	100	4	A	H
		5394.55	57.39	-16.61	74	46.16	34.96	9.55	33.28	100	4	P	H
		5393.45	44.53	-9.47	54	33.32	34.94	9.55	33.28	100	4	A	H
		5086.25	56.71	-17.29	74	45.42	34.52	9.16	32.39	162	228	P	V
		5087.3	43.56	-10.44	54	32.27	34.52	9.16	32.39	162	228	A	V
	*	5242	104.56	-	-	93.23	34.75	9.23	32.65	162	228	P	V
	*	5242	95.33	-	-	84	34.75	9.23	32.65	162	228	A	V
		5387.18	56.6	-17.4	74	45.39	34.94	9.55	33.28	162	228	P	V
		5392.57	43.99	-10.01	54	32.78	34.94	9.55	33.28	162	228	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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	43.21	-30.79	74	50.98	37.22	13.88	58.87	100	0	P	H
		15540	45.01	-28.99	74	46.63	40.34	15.53	57.49	100	0	P	H
													H
													H
		10360	44.55	-29.45	74	52.32	37.22	13.88	58.87	100	0	P	V
		15540	45.19	-28.81	74	46.81	40.34	15.53	57.49	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	43.59	-30.41	74	51.29	37.26	13.92	58.88	100	0	P	H
		15660	44.17	-29.83	74	45.44	40.49	15.59	57.35	100	0	P	H
													H
													H
		10440	43.33	-30.67	74	51.03	37.26	13.92	58.88	100	0	P	V
		15660	44.81	-29.19	74	46.08	40.49	15.59	57.35	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	43.74	-30.26	74	51.4	37.29	13.94	58.89	100	0	P	H
		15720	45.51	-28.49	74	46.59	40.57	15.62	57.27	100	0	P	H
													H
													H
		10480	43.12	-30.88	74	50.78	37.29	13.94	58.89	100	0	P	V
		15720	45.35	-28.65	74	46.43	40.57	15.62	57.27	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		5147.45	64.17	-9.83	74	52.91	34.61	9.14	32.49	100	5	P	H
		5149.55	47.67	-6.33	54	36.41	34.61	9.14	32.49	100	5	A	H
	*	5183	107.43	-	-	96.16	34.66	9.13	32.52	100	5	P	H
	*	5183	98.12	-	-	86.85	34.66	9.13	32.52	100	5	A	H
													H
													H
		5149.7	60.46	-13.54	74	49.2	34.61	9.14	32.49	198	231	P	V
		5148.35	44.31	-9.69	54	33.05	34.61	9.14	32.49	198	231	A	V
	*	5178	102.25	-	-	90.98	34.66	9.13	32.52	198	231	P	V
	*	5178	92.87	-	-	81.6	34.66	9.13	32.52	198	231	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5069.3	59.18	-14.82	74	47.92	34.49	9.16	32.39	100	337	P	H
		5068.25	47.56	-6.44	54	36.3	34.49	9.16	32.39	100	337	A	H
	*	5220	109.47	-	-	98.15	34.7	9.17	32.55	100	337	P	H
	*	5220	100.03	-	-	88.71	34.7	9.17	32.55	100	337	A	H
		5365.95	59.44	-14.56	74	48.21	34.91	9.5	33.18	100	337	P	H
		5366.5	47.68	-6.32	54	36.45	34.91	9.5	33.18	100	337	A	H
		5065.7	55.1	-18.9	74	43.79	34.49	9.17	32.35	196	229	P	V
		5067.05	42.21	-11.79	54	30.9	34.49	9.17	32.35	196	229	A	V
	*	5219	102.49	-	-	91.17	34.7	9.17	32.55	196	229	P	V
	*	5219	92.62	-	-	81.3	34.7	9.17	32.55	196	229	A	V
		5412.37	55.84	-18.16	74	44.62	34.98	9.63	33.39	196	229	P	V
		5373.87	42.8	-11.2	54	31.67	34.91	9.5	33.28	196	229	A	V



802.11n HT20 CH 48 5240MHz		5092.55	59.73	-14.27	74	48.43	34.54	9.15	32.39	100	336	P	H
		5092.7	46.92	-7.08	54	35.62	34.54	9.15	32.39	100	336	A	H
	*	5238	109.12	-	-	97.81	34.73	9.23	32.65	100	336	P	H
	*	5238	99.37	-	-	88.06	34.73	9.23	32.65	100	336	A	H
		5386.52	58.78	-15.22	74	47.57	34.94	9.55	33.28	100	336	P	H
		5386.52	46.01	-7.99	54	34.8	34.94	9.55	33.28	100	336	A	H
		5054.3	55.55	-18.45	74	44.26	34.47	9.17	32.35	196	251	P	V
		5094.05	42.47	-11.53	54	31.2	34.54	9.15	32.42	196	251	A	V
	*	5240	101.22	-	-	89.91	34.73	9.23	32.65	196	251	P	V
	*	5240	91.77	-	-	80.46	34.73	9.23	32.65	196	251	A	V
		5413.8	55.65	-18.35	74	44.43	34.98	9.63	33.39	196	251	P	V
		5395.54	41.94	-12.06	54	30.71	34.96	9.55	33.28	196	251	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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	43.01	-30.99	74	50.78	37.22	13.88	58.87	100	0	P	H
		15540	44.96	-29.04	74	46.58	40.34	15.53	57.49	100	0	P	H
													H
													H
		10360	43.84	-30.16	74	51.61	37.22	13.88	58.87	100	0	P	V
		15540	45.31	-28.69	74	46.93	40.34	15.53	57.49	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	43.24	-30.76	74	50.94	37.26	13.92	58.88	100	0	P	H
		15660	44.69	-29.31	74	45.96	40.49	15.59	57.35	100	0	P	H
													H
													H
		10440	42.72	-31.28	74	50.42	37.26	13.92	58.88	100	0	P	V
		15660	44.79	-29.21	74	46.06	40.49	15.59	57.35	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10479	43.26	-30.74	74	50.92	37.29	13.94	58.89	100	0	P	H
		15720	45.74	-28.26	74	46.82	40.57	15.62	57.27	100	0	P	H
													H
													H
		10479	43.87	-30.13	74	51.53	37.29	13.94	58.89	100	0	P	V
		15720	45.07	-28.93	74	46.15	40.57	15.62	57.27	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		5144.3	71.47	-2.53	74	60.21	34.61	9.14	32.49	100	15	P	H
		5149.85	52.29	-1.71	54	41.03	34.61	9.14	32.49	100	15	A	H
	*	5188	106.12	-	-	94.85	34.66	9.13	32.52	100	15	P	H
	*	5188	96.23	-	-	84.96	34.66	9.13	32.52	100	15	A	H
		5354.29	56.63	-17.37	74	45.48	34.89	9.44	33.18	100	15	P	H
		5356.49	44.7	-9.3	54	33.49	34.89	9.5	33.18	100	15	A	H
		5149.25	63.28	-10.72	74	52.02	34.61	9.14	32.49	181	249	P	V
		5149.7	46.07	-7.93	54	34.81	34.61	9.14	32.49	181	249	A	V
	*	5193	99.2	-	-	87.92	34.68	9.12	32.52	181	249	P	V
	*	5193	89.4	-	-	78.12	34.68	9.12	32.52	181	249	A	V
		5412.81	55.38	-18.62	74	44.16	34.98	9.63	33.39	181	249	P	V
		5352.42	42.29	-11.71	54	31.14	34.89	9.44	33.18	181	249	A	V
802.11n HT40 CH 46 5230MHz		5146.1	61.15	-12.85	74	49.89	34.61	9.14	32.49	100	13	P	H
		5087	46.75	-7.25	54	35.46	34.52	9.16	32.39	100	13	A	H
	*	5230	105.59	-	-	94.34	34.73	9.17	32.65	100	13	P	H
	*	5230	95.93	-	-	84.68	34.73	9.17	32.65	100	13	A	H
		5373.65	56.81	-17.19	74	45.68	34.91	9.5	33.28	100	13	P	H
		5368.15	44.18	-9.82	54	32.95	34.91	9.5	33.18	100	13	A	H
		5078.3	56.18	-17.82	74	44.89	34.52	9.16	32.39	179	250	P	V
		5148.05	42.94	-11.06	54	31.68	34.61	9.14	32.49	179	250	A	V
	*	5230	98.84	-	-	87.59	34.73	9.17	32.65	179	250	P	V
	*	5230	89.36	-	-	78.11	34.73	9.17	32.65	179	250	A	V
		5379.37	55.63	-18.37	74	44.47	34.94	9.5	33.28	179	250	P	V
		5368.04	42.59	-11.41	54	31.36	34.91	9.5	33.18	179	250	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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	43.94	-30.06	74	51.69	37.23	13.89	58.87	100	0	P	H
		15570	46.23	-27.77	74	47.76	40.38	15.54	57.45	100	0	P	H
													H
													H
		10380	43.06	-30.94	74	50.81	37.23	13.89	58.87	100	0	P	V
		15570	46.65	-27.35	74	48.18	40.38	15.54	57.45	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10461	43.36	-30.64	74	51.03	37.28	13.93	58.88	100	0	P	H
		15690	45.25	-28.75	74	46.43	40.53	15.6	57.31	100	0	P	H
													H
													H
		10461	43.32	-30.68	74	50.99	37.28	13.93	58.88	100	0	P	V
		15690	45.12	-28.88	74	46.3	40.53	15.6	57.31	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		5110.1	58.63	-15.37	74	47.34	34.56	9.15	32.42	100	3	P	H
		5114.45	46.94	-7.06	54	35.65	34.56	9.15	32.42	100	3	A	H
	*	5262	108.61	-	-	97.32	34.77	9.28	32.76	100	3	P	H
	*	5262	99.41	-	-	88.12	34.77	9.28	32.76	100	3	A	H
		5373.32	56.14	-17.86	74	45.01	34.91	9.5	33.28	100	3	P	H
		5405.33	43.62	-10.38	54	32.42	34.96	9.63	33.39	100	3	A	H
		5104.4	55.62	-18.38	74	44.35	34.54	9.15	32.42	195	228	P	V
		5107.1	42.61	-11.39	54	31.32	34.56	9.15	32.42	195	228	A	V
	*	5263	105.01	-	-	93.72	34.77	9.28	32.76	195	228	P	V
	*	5263	95.5	-	-	84.21	34.77	9.28	32.76	195	228	A	V
		5365.07	56.31	-17.69	74	45.08	34.91	9.5	33.18	195	228	P	V
		5406.21	43.05	-10.95	54	31.85	34.96	9.63	33.39	195	228	A	V
802.11a CH 60 5300MHz		5149.1	57.24	-16.76	74	45.98	34.61	9.14	32.49	110	349	P	H
		5147.9	44	-10	54	32.74	34.61	9.14	32.49	110	349	A	H
	*	5303	109.87	-	-	98.68	34.82	9.34	32.97	110	349	P	H
	*	5303	100.24	-	-	89.05	34.82	9.34	32.97	110	349	A	H
		5350.55	60.46	-13.54	74	49.31	34.89	9.44	33.18	110	349	P	H
		5350.44	47.37	-6.63	54	36.22	34.89	9.44	33.18	110	349	A	H
		5002.7	56.14	-17.86	74	44.84	34.4	9.19	32.29	190	226	P	V
		5146.25	42.35	-11.65	54	31.09	34.61	9.14	32.49	190	226	A	V
	*	5298	104.78	-	-	93.59	34.82	9.34	32.97	190	226	P	V
	*	5298	95.29	-	-	84.1	34.82	9.34	32.97	190	226	A	V
		5350.66	56.69	-17.31	74	45.54	34.89	9.44	33.18	190	226	P	V
		5350.11	44.3	-9.7	54	33.15	34.89	9.44	33.18	190	226	A	V



802.11a CH 64 5320MHz	*	5318	109.89	-	-	98.63	34.84	9.39	32.97	109	349	P	H
	*	5318	100.42	-	-	89.16	34.84	9.39	32.97	109	349	A	H
		5351.76	66.53	-7.47	74	55.38	34.89	9.44	33.18	109	349	P	H
		5350.22	51.14	-2.86	54	39.99	34.89	9.44	33.18	109	349	A	H
													H
													H
	*	5318	105.6	-	-	94.34	34.84	9.39	32.97	192	230	P	V
	*	5318	95.72	-	-	84.46	34.84	9.39	32.97	192	230	A	V
		5351.1	61.18	-12.82	74	50.03	34.89	9.44	33.18	192	230	P	V
		5350	46.43	-7.57	54	35.28	34.89	9.44	33.18	192	230	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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	43.89	-30.11	74	51.44	37.32	13.97	58.84	100	0	P	H
		15780	47.08	-26.92	74	48.02	40.63	15.65	57.22	100	0	P	H
													H
													H
		10520	42.77	-31.23	74	50.32	37.32	13.97	58.84	100	0	P	V
		15780	46.06	-27.94	74	47	40.63	15.65	57.22	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	42.01	-31.99	74	49.19	37.42	14.01	58.61	100	0	P	H
		15900	45.3	-28.7	74	45.88	40.78	15.72	57.08	100	0	P	H
													H
													H
		10600	42.26	-31.74	74	49.44	37.42	14.01	58.61	100	0	P	V
		15900	45.78	-28.22	74	46.36	40.78	15.72	57.08	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	41.94	-32.06	74	48.96	37.47	14.03	58.52	100	0	P	H
		15960	46.05	-27.95	74	46.45	40.86	15.74	57	100	0	P	H
													H
													H
		10640	41.9	-32.1	74	48.92	37.47	14.03	58.52	100	0	P	V
		15960	46.63	-27.37	74	47.03	40.86	15.74	57	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		5114.45	58.84	-15.16	74	47.55	34.56	9.15	32.42	100	336	P	H
		5113.25	47.08	-6.92	54	35.79	34.56	9.15	32.42	100	336	A	H
	*	5262	108.22	-	-	96.93	34.77	9.28	32.76	100	336	P	H
	*	5262	99.02	-	-	87.73	34.77	9.28	32.76	100	336	A	H
		5405.22	56.81	-17.19	74	45.61	34.96	9.63	33.39	100	336	P	H
		5406.43	44.2	-9.8	54	33	34.96	9.63	33.39	100	336	A	H
		5020.25	54.73	-19.27	74	43.45	34.42	9.18	32.32	177	251	P	V
		5115.2	41.86	-12.14	54	30.57	34.56	9.15	32.42	177	251	A	V
	*	5259	99.38	-	-	88.14	34.77	9.23	32.76	177	251	P	V
	*	5259	90.01	-	-	78.77	34.77	9.23	32.76	177	251	A	V
		5384.32	55.65	-18.35	74	44.44	34.94	9.55	33.28	177	251	P	V
		5414.46	42.72	-11.28	54	31.5	34.98	9.63	33.39	177	251	A	V
802.11n HT20 CH 60 5300MHz		5148.65	57.27	-16.73	74	46.01	34.61	9.14	32.49	111	336	P	H
		5148.8	44.6	-9.4	54	33.34	34.61	9.14	32.49	111	336	A	H
	*	5298	108.08	-	-	96.89	34.82	9.34	32.97	111	336	P	H
	*	5298	98.79	-	-	87.6	34.82	9.34	32.97	111	336	A	H
		5350.33	58.04	-15.96	74	46.89	34.89	9.44	33.18	111	336	P	H
		5350.44	45.32	-8.68	54	34.17	34.89	9.44	33.18	111	336	A	H
		5146.7	54.91	-19.09	74	43.65	34.61	9.14	32.49	159	251	P	V
		5146.1	41.78	-12.22	54	30.52	34.61	9.14	32.49	159	251	A	V
	*	5300	100.94	-	-	89.75	34.82	9.34	32.97	159	251	P	V
	*	5300	90.99	-	-	79.8	34.82	9.34	32.97	159	251	A	V
		5451.2	55.25	-18.75	74	44.08	35.03	9.71	33.57	159	251	P	V
		5351.54	42.58	-11.42	54	31.43	34.89	9.44	33.18	159	251	A	V



802.11n HT20 CH 64 5320MHz	*	5320	108.13	-	-	96.87	34.84	9.39	32.97	110	352	P	H
	*	5320	97.49	-	-	86.23	34.84	9.39	32.97	110	352	A	H
		5351.87	63.06	-10.94	74	51.91	34.89	9.44	33.18	110	352	P	H
		5350.55	47.73	-6.27	54	36.58	34.89	9.44	33.18	110	352	A	H
													H
													H
	*	5320	97.8	-	-	86.54	34.84	9.39	32.97	100	330	P	V
	*	5320	88.65	-	-	77.39	34.84	9.39	32.97	100	330	A	V
		5350.11	55.95	-18.05	74	44.8	34.89	9.44	33.18	100	330	P	V
		5352.09	43.37	-10.63	54	32.22	34.89	9.44	33.18	100	330	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		10521	43.39	-30.61	74	50.94	37.32	13.97	58.84	100	0	P	H
		15780	46.83	-27.17	74	47.77	40.63	15.65	57.22	100	0	P	H
													H
													H
		10521	43.29	-30.71	74	50.84	37.32	13.97	58.84	100	0	P	V
		15780	46.35	-27.65	74	47.29	40.63	15.65	57.22	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	42.7	-31.3	74	49.88	37.42	14.01	58.61	100	0	P	H
		15840	45.44	-28.56	74	46.19	40.71	15.68	57.14	100	0	P	H
													H
													H
		10599	41.81	-32.19	74	48.99	37.42	14.01	58.61	100	0	P	V
		15840	45.54	-28.46	74	46.29	40.71	15.68	57.14	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10641	42.48	-31.52	74	49.5	37.47	14.03	58.52	100	0	P	H
		15960	45.75	-28.25	74	46.15	40.86	15.74	57	100	0	P	H
													H
													H
		10641	42.29	-31.71	74	49.31	37.47	14.03	58.52	100	0	P	V
		15960	46.84	-27.16	74	47.24	40.86	15.74	57	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		5137.55	59.13	-14.87	74	47.84	34.59	9.15	32.45	100	17	P	H
		5133.35	46.81	-7.19	54	35.52	34.59	9.15	32.45	100	17	A	H
	*	5270	104.36	-	-	93.07	34.77	9.28	32.76	100	17	P	H
	*	5270	94.71	-	-	83.42	34.77	9.28	32.76	100	17	A	H
		5365.84	56.88	-17.12	74	45.65	34.91	9.5	33.18	100	17	P	H
		5351.87	43.49	-10.51	54	32.34	34.89	9.44	33.18	100	17	A	H
		5125.85	55.16	-18.84	74	43.87	34.59	9.15	32.45	160	247	P	V
		5135.45	42.28	-11.72	54	30.99	34.59	9.15	32.45	160	247	A	V
	*	5270	96.5	-	-	85.21	34.77	9.28	32.76	160	247	P	V
	*	5270	87.3	-	-	76.01	34.77	9.28	32.76	160	247	A	V
		5373.32	54.89	-19.11	74	43.76	34.91	9.5	33.28	160	247	P	V
		5352.75	42.7	-11.3	54	31.55	34.89	9.44	33.18	160	247	A	V
802.11n HT40 CH 62 5310MHz		5138.45	54.9	-19.1	74	43.61	34.59	9.15	32.45	111	337	P	H
		5144	42.97	-11.03	54	31.71	34.61	9.14	32.49	111	337	A	H
	*	5308	104.77	-	-	93.53	34.82	9.39	32.97	111	337	P	H
	*	5308	94.65	-	-	83.41	34.82	9.39	32.97	111	337	A	H
		5351.76	70.52	-3.48	74	59.37	34.89	9.44	33.18	111	337	P	H
		5350	51.47	-2.53	54	40.32	34.89	9.44	33.18	111	337	A	H
		5007.05	55.22	-18.78	74	43.9	34.42	9.19	32.29	160	248	P	V
		5145.8	42.15	-11.85	54	30.89	34.61	9.14	32.49	160	248	A	V
	*	5312	97.48	-	-	86.22	34.84	9.39	32.97	160	248	P	V
	*	5312	88.31	-	-	77.05	34.84	9.39	32.97	160	248	A	V
		5354.4	63.48	-10.52	74	52.33	34.89	9.44	33.18	160	248	P	V
		5351.1	46.25	-7.75	54	35.1	34.89	9.44	33.18	160	248	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		10539	42.86	-31.14	74	50.35	37.34	13.97	58.8	100	0	P	H
		15810	45.87	-28.13	74	46.71	40.67	15.67	57.18	100	0	P	H
													H
													H
		10539	43.81	-30.19	74	51.3	37.34	13.97	58.8	100	0	P	V
		15810	46.13	-27.87	74	46.97	40.67	15.67	57.18	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	41.77	-32.23	74	48.88	37.44	14.02	58.57	100	0	P	H
		15930	45.73	-28.27	74	46.22	40.82	15.73	57.04	100	0	P	H
													H
													H
		10620	41.71	-32.29	74	48.82	37.44	14.02	58.57	100	0	P	V
		15930	47.02	-26.98	74	47.51	40.82	15.73	57.04	100	0	P	V
													V
													V
Remark	1. No other spurious found.												
	2. All results are PASS against Peak and Average limit line.												



15E 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		5462.8	70.39	-3.61	74	59.12	35.05	9.79	33.57	118	167	P	H
		5470	51.34	-2.66	54	40.07	35.05	9.79	33.57	118	167	A	H
	*	5502	108.44	-	-	97.12	35.1	9.96	33.74	118	167	P	H
	*	5502	98.92	-	-	87.6	35.1	9.96	33.74	118	167	A	H
													H
													H
		5469.84	67.01	-6.99	74	55.74	35.05	9.79	33.57	150	110	P	V
		5469.84	48.64	-5.36	54	37.37	35.05	9.79	33.57	150	110	A	V
	*	5502	104.56	-	-	93.24	35.1	9.96	33.74	150	110	P	V
	*	5502	95.19	-	-	83.87	35.1	9.96	33.74	150	110	A	V
													V
													V
802.11a CH 116 5580MHz		5436.24	57.94	-16.06	74	46.7	35.01	9.71	33.48	105	355	P	H
		5358.96	45.34	-8.66	54	34.13	34.89	9.5	33.18	105	355	A	H
	*	5578	110.02	-	-	98.69	35.14	10.2	34.01	105	355	P	H
	*	5578	100.54	-	-	89.21	35.14	10.2	34.01	105	355	A	H
		5727.48	55.09	-18.91	74	43.98	35.23	10.03	34.15	105	355	P	H
		5761.16	41.73	-12.27	54	30.69	35.26	9.98	34.2	105	355	A	H
		5399.44	56.6	-17.4	74	45.48	34.96	9.55	33.39	195	236	P	V
		5359.28	42.81	-11.19	54	31.6	34.89	9.5	33.18	195	236	A	V
	*	5578	104.62	-	-	93.29	35.14	10.2	34.01	195	236	P	V
	*	5578	95.35	-	-	84.02	35.14	10.2	34.01	195	236	A	V
		5735.72	55.28	-18.72	74	44.18	35.24	10.03	34.17	195	236	P	V
		5759.24	41.7	-12.3	54	30.66	35.26	9.98	34.2	195	236	A	V



802.11a CH 140 5700MHz	*	5698	107.09	-	-	95.92	35.21	10.08	34.12	102	356	P	H
	*	5698	97.19	-	-	86.02	35.21	10.08	34.12	102	356	A	H
		5727	72.42	-1.58	74	61.31	35.23	10.03	34.15	102	356	P	H
		5725.16	52.23	-1.77	54	41.12	35.23	10.03	34.15	102	356	A	H
													H
													H
	*	5698	101.52	-	-	90.35	35.21	10.08	34.12	176	233	P	V
	*	5698	91.85	-	-	80.68	35.21	10.08	34.12	176	233	A	V
		5725.88	66.32	-7.68	74	55.21	35.23	10.03	34.15	176	233	P	V
		5725.08	48.16	-5.84	54	37.05	35.23	10.03	34.15	176	233	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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	49.75	37.9	14.23	57.56	100	0	P	H
		16500	47.48	-26.52	74	45.79	41.4	16.26	55.97	100	0	P	H
													H
													H
		11000	44.98	-29.02	74	50.41	37.9	14.23	57.56	100	0	P	V
		16500	47.93	-26.07	74	46.24	41.4	16.26	55.97	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	45.37	-28.63	74	50.42	38	14.31	57.36	100	0	P	H
		16740	48.25	-25.75	74	45.93	41.88	16.49	56.05	100	0	P	H
													H
													H
		11160	45.48	-28.52	74	50.53	38	14.31	57.36	100	0	P	V
		16740	47.23	-26.77	74	44.91	41.88	16.49	56.05	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	45.92	-28.08	74	50.41	38.14	14.44	57.07	100	0	P	H
		17100	49	-25	74	45.99	42.32	16.85	56.16	100	0	P	H
													H
													H
		11400	46.12	-27.88	74	50.61	38.14	14.44	57.07	100	0	P	V
		17100	48.47	-25.53	74	45.46	42.32	16.85	56.16	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		5468.72	62.91	-11.09	74	51.64	35.05	9.79	33.57	103	49	P	H
		5469.36	47.98	-6.02	54	36.71	35.05	9.79	33.57	103	49	A	H
	*	5498	105.51	-	-	94.2	35.1	9.87	33.66	103	49	P	H
	*	5498	95.9	-	-	84.59	35.1	9.87	33.66	103	49	A	H
													H
													H
		5466.32	59.61	-14.39	74	48.34	35.05	9.79	33.57	184	231	P	V
		5469.2	45.05	-8.95	54	33.78	35.05	9.79	33.57	184	231	A	V
	*	5498	101.04	-	-	89.73	35.1	9.87	33.66	184	231	P	V
	*	5498	90.37	-	-	79.06	35.1	9.87	33.66	184	231	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5465.04	57.71	-16.29	74	46.44	35.05	9.79	33.57	102	20	P	H
		5351.6	45.06	-8.94	54	33.91	34.89	9.44	33.18	102	20	A	H
	*	5582	108.4	-	-	97.06	35.15	10.2	34.01	102	20	P	H
	*	5582	98.92	-	-	87.58	35.15	10.2	34.01	102	20	A	H
		5762.12	55.52	-18.48	74	44.48	35.26	9.98	34.2	102	20	P	H
		5760.28	41.94	-12.06	54	30.9	35.26	9.98	34.2	102	20	A	H
		5450.8	54.88	-19.12	74	43.71	35.03	9.71	33.57	136	66	P	V
		5406.64	41.93	-12.07	54	30.73	34.96	9.63	33.39	136	66	A	V
	*	5578	97.85	-	-	86.52	35.14	10.2	34.01	136	66	P	V
	*	5578	88.76	-	-	77.43	35.14	10.2	34.01	136	66	A	V
		5729.08	55.36	-18.64	74	44.25	35.23	10.03	34.15	136	66	P	V
		5761.4	41.43	-12.57	54	30.39	35.26	9.98	34.2	136	66	A	V



802.11n HT20 CH 140 5700MHz	*	5699	106.99	-	-	95.82	35.21	10.08	34.12	100	19	P	H
	*	5699	97.07	-	-	85.9	35.21	10.08	34.12	100	19	A	H
		5727.24	70.24	-3.76	74	59.13	35.23	10.03	34.15	100	19	P	H
		5725.08	51.6	-2.4	54	40.49	35.23	10.03	34.15	100	19	A	H
													H
													H
	*	5699	99.1	-	-	87.93	35.21	10.08	34.12	174	231	P	V
	*	5699	89.91	-	-	78.74	35.21	10.08	34.12	174	231	A	V
		5725.8	63.28	-10.72	74	52.17	35.23	10.03	34.15	174	231	P	V
		5725.16	46.38	-7.62	54	35.27	35.23	10.03	34.15	174	231	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		11001	44.23	-29.77	74	49.66	37.9	14.23	57.56	100	0	P	H
		16500	47.26	-26.74	74	45.57	41.4	16.26	55.97	100	0	P	H
													H
													H
		11001	44.76	-29.24	74	50.19	37.9	14.23	57.56	100	0	P	V
		16500	46.87	-27.13	74	45.18	41.4	16.26	55.97	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	44.75	-29.25	74	49.8	38	14.31	57.36	100	0	P	H
		16740	46.82	-27.18	74	44.5	41.88	16.49	56.05	100	0	P	H
													H
													H
		11160	44.2	-29.8	74	49.25	38	14.31	57.36	100	0	P	V
		16740	46.78	-27.22	74	44.46	41.88	16.49	56.05	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	45.11	-28.89	74	49.6	38.14	14.44	57.07	100	0	P	H
		17100	48.77	-25.23	74	45.76	42.32	16.85	56.16	100	0	P	H
													H
													H
		11400	45.22	-28.78	74	49.71	38.14	14.44	57.07	100	0	P	V
		17100	48.6	-25.4	74	45.59	42.32	16.85	56.16	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		5468.08	68.94	-5.06	74	57.67	35.05	9.79	33.57	106	359	P	H
		5469.36	53.57	-0.43	54	42.3	35.05	9.79	33.57	106	359	A	H
	*	5506	102.31	-	-	90.99	35.1	9.96	33.74	106	359	P	H
	*	5506	92.52	-	-	81.2	35.1	9.96	33.74	106	359	A	H
		5758.12	55.45	-18.55	74	44.41	35.26	9.98	34.2	106	359	P	H
		5761.4	41.93	-12.07	54	30.89	35.26	9.98	34.2	106	359	A	H
		5466.16	65.56	-8.44	74	54.29	35.05	9.79	33.57	200	231	P	V
		5470	50.07	-3.93	54	38.8	35.05	9.79	33.57	200	231	A	V
	*	5507	98.64	-	-	87.32	35.1	9.96	33.74	200	231	P	V
	*	5507	88.75	-	-	77.43	35.1	9.96	33.74	200	231	A	V
		5755.56	56.03	-17.97	74	44.96	35.26	9.98	34.17	200	231	P	V
		5762.2	41.96	-12.04	54	30.92	35.26	9.98	34.2	200	231	A	V
802.11n HT40 CH 110 5550MHz		5465.52	62.03	-11.97	74	50.76	35.05	9.79	33.57	103	22	P	H
		5469.84	48.89	-5.11	54	37.62	35.05	9.79	33.57	103	22	A	H
	*	5548	104.49	-	-	93.07	35.13	10.12	33.83	103	22	P	H
	*	5548	94.88	-	-	83.23	35.13	10.12	33.83	103	22	A	H
		5753.16	54.88	-19.12	74	43.81	35.26	9.98	34.17	103	22	P	H
		5759.56	42.19	-11.81	54	31.15	35.26	9.98	34.2	103	22	A	H
		5455.44	55.37	-18.63	74	44.12	35.03	9.79	33.57	167	99	P	V
		5468.72	42.49	-11.51	54	31.22	35.05	9.79	33.57	167	99	A	V
	*	5550	95.51	-	-	84.09	35.13	10.12	33.83	167	99	P	V
	*	5550	85.7	-	-	74.28	35.13	10.12	33.83	167	99	A	V
		5763.48	54.58	-19.42	74	43.54	35.26	9.98	34.2	167	99	P	V
		5758.12	41.92	-12.08	54	30.88	35.26	9.98	34.2	167	99	A	V



802.11n HT40 CH 134 5670MHz		5432.24	57.95	-16.05	74	46.71	35.01	9.71	33.48	101	17	P	H
		5458.8	46.06	-7.94	54	34.81	35.03	9.79	33.57	101	17	A	H
	*	5668	104.36	-	-	93.07	35.2	10.18	34.09	101	17	P	H
	*	5668	95.51	-	-	84.22	35.2	10.18	34.09	101	17	A	H
		5725.16	64.63	-9.37	74	53.52	35.23	10.03	34.15	101	17	P	H
		5725.48	48.79	-5.21	54	37.68	35.23	10.03	34.15	101	17	A	H
		5441.36	55.2	-18.8	74	43.96	35.01	9.71	33.48	176	234	P	V
		5440.56	43.16	-10.84	54	31.92	35.01	9.71	33.48	176	234	A	V
	*	5668	97.13	-	-	85.84	35.2	10.18	34.09	176	234	P	V
	*	5668	88.13	-	-	76.84	35.2	10.18	34.09	176	234	A	V
		5726.76	57.96	-16.04	74	46.85	35.23	10.03	34.15	176	234	P	V
		5725	43.91	-10.09	54	32.8	35.23	10.03	34.15	176	234	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		11019	45.28	-28.72	74	50.68	37.91	14.23	57.54	100	0	P	H
		16530	47.42	-26.58	74	45.65	41.47	16.28	55.98	100	0	P	H
													H
													H
		11019	44.58	-29.42	74	49.98	37.91	14.23	57.54	100	0	P	V
		16530	46.09	-27.91	74	44.32	41.47	16.28	55.98	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	45.56	-28.44	74	50.76	37.96	14.28	57.44	100	0	P	H
		16650	46.66	-27.34	74	44.57	41.71	16.4	56.02	100	0	P	H
													H
													H
		11100	44.85	-29.15	74	50.05	37.96	14.28	57.44	100	0	P	V
		16650	46.77	-27.23	74	44.68	41.71	16.4	56.02	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	44.59	-29.41	74	49.22	38.1	14.42	57.15	100	0	P	H
		17010	47.15	-26.85	74	44.14	42.39	16.75	56.13	100	0	P	H
													H
													H
		11340	44.71	-29.29	74	49.34	38.1	14.42	57.15	100	0	P	V
		17010	46.34	-27.66	74	43.33	42.39	16.75	56.13	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		47.55	25.4	-14.6	40	46.48	9.45	0.67	31.2	110	344	P	H
		133.14	21.92	-21.58	43.5	40.16	11.7	1.16	31.1			P	H
		250.59	22.5	-23.5	46	39.57	12.4	1.53	31			P	H
		568.1	21.28	-24.72	46	29.66	19.75	2.6	30.73			P	H
		645.1	23.09	-22.91	46	30.37	20.4	2.83	30.51			P	H
		862.8	26.18	-19.82	46	30.12	23.14	3.29	30.37			P	H
													H
													H
													H
													H
													H
													H
		45.93	29.13	-10.87	40	49.52	10.15	0.66	31.2	133	158	P	V
		66.99	25.25	-14.75	40	49.51	6.16	0.82	31.24			P	V
		135.03	24.64	-18.86	43.5	43.07	11.5	1.17	31.1			P	V
		620.6	21.42	-24.58	46	29.01	20.22	2.75	30.56			P	V
		780.2	22.83	-23.17	46	28.06	22	3.11	30.34			P	V
		967.1	26.47	-27.53	54	28.55	24.77	3.48	30.33			P	V
													V
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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+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”.