



Appendix B. Radiated Spurious Emission

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		5150	68.61	-5.39	74	61.48	31.72	8.95	33.54	230	148	P	H
		5149.85	52.32	-1.68	54	45.19	31.72	8.95	33.54	230	148	A	H
	*	5179	105.92	-	-	98.74	31.75	8.97	33.54	230	148	P	H
	*	5179	99.67	-	-	92.49	31.75	8.97	33.54	230	148	A	H
													H
													H
		5146.85	54.92	-19.08	74	47.79	31.72	8.95	33.54	100	118	P	V
		5150	44.92	-9.08	54	37.79	31.72	8.95	33.54	100	118	A	V
	*	5178	97.56	-	-	90.38	31.75	8.97	33.54	100	118	P	V
	*	5178	90.23	-	-	83.05	31.75	8.97	33.54	100	118	A	V
													V
													V
802.11a CH 44 5220MHz		5142.05	53.3	-20.7	74	46.17	31.72	8.95	33.54	236	144	P	H
		5149.25	43.97	-10.03	54	36.84	31.72	8.95	33.54	236	144	A	H
	*	5222	108.13	-	-	100.92	31.77	8.98	33.54	236	144	P	H
	*	5222	100.73	-	-	93.52	31.77	8.98	33.54	236	144	A	H
		5398.73	50.07	-23.93	74	42.57	31.92	9.13	33.55	236	144	P	H
		5371.78	41.14	-12.86	54	33.66	31.89	9.13	33.54	236	144	A	H
		5132.6	49.67	-24.33	74	42.55	31.71	8.95	33.54	100	118	P	V
		5073.2	40.39	-13.61	54	33.36	31.67	8.89	33.53	100	118	A	V
	*	5218	98.59	-	-	91.38	31.77	8.98	33.54	100	118	P	V
	*	5218	91.72	-	-	84.51	31.77	8.98	33.54	100	118	A	V
		5374.53	47.96	-26.04	74	40.49	31.89	9.13	33.55	100	118	P	V
		5456.48	39.62	-14.38	54	31.99	31.96	9.22	33.55	100	118	A	V



802.11a CH 48 5240MHz	*	5238	107.78	-	-	100.55	31.79	8.98	33.54	238	148	P	H
	*	5238	100.76	-	-	93.53	31.79	8.98	33.54	238	148	A	H
		5378.71	50.02	-23.98	74	42.53	31.91	9.13	33.55	238	148	P	H
		5391.69	41.15	-12.85	54	33.66	31.91	9.13	33.55	238	148	A	H
													H
													H
	*	5242	97.62	-	-	90.37	31.8	8.99	33.54	400	220	P	V
	*	5242	90.81	-	-	83.56	31.8	8.99	33.54	400	220	A	V
		5365.73	48.26	-25.74	74	40.78	31.89	9.13	33.54	400	220	P	V
		5408.74	39.44	-14.56	54	31.9	31.92	9.17	33.55	400	220	A	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 802.11a (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	45.68	-28.32	74	26.79	39.94	13.09	34.14	150	0	P	H
		15540	46.81	-27.19	74	27.71	38.33	16.55	35.78	150	0	P	H
													H
													H
		10360	44.54	-29.46	74	25.65	39.94	13.09	34.14	150	0	P	V
		15540	47.95	-26.05	74	28.85	38.33	16.55	35.78	150	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	44.97	-29.03	74	25.98	40.02	13.11	34.14	150	0	P	H
		15660	46.6	-27.4	74	27.75	38.09	16.56	35.8	150	0	P	H
													H
													H
		10440	44.94	-29.06	74	25.95	40.02	13.11	34.14	150	0	P	V
		15660	46.28	-27.72	74	27.43	38.09	16.56	35.8	150	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	44.83	-29.17	74	25.78	40.08	13.11	34.14	150	0	P	H
		15720	46.14	-27.86	74	27.42	37.95	16.57	35.8	150	0	P	H
													H
													H
		10480	46.31	-27.69	74	27.26	40.08	13.11	34.14	150	0	P	V
		15720	47.04	-26.96	74	28.32	37.95	16.57	35.8	150	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	62.27	-11.73	74	55.14	31.72	8.95	33.54	134	144	P	H
		5150	53.12	-0.88	54	45.99	31.72	8.95	33.54	134	144	A	H
	*	5180	106.06	-	-	98.88	31.75	8.97	33.54	134	144	P	H
	*	5180	99.32	-	-	92.14	31.75	8.97	33.54	134	144	A	H
													H
													H
		5146.55	54.33	-19.67	74	47.2	31.72	8.95	33.54	100	115	P	V
		5150	45.3	-8.7	54	38.17	31.72	8.95	33.54	100	115	A	V
	*	5180	97.36	-	-	90.18	31.75	8.97	33.54	100	115	P	V
	*	5180	90.1	-	-	82.92	31.75	8.97	33.54	100	115	A	V
													V
													V
802.11n HT20 CH 44 5220MHz													H
													H
													H
													H
													H
													H
													V
													V
													V
													V
													V
													V



802.11n HT20 CH 48 5240MHz												H
												H
												H
												H
												H
												H
												V
												V
												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		5150	62.86	-11.14	74	55.73	31.72	8.95	33.54	239	144	P	H
		5150	53.72	-0.28	54	46.59	31.72	8.95	33.54	239	144	A	H
	*	5190	100.09	-	-	92.91	31.75	8.97	33.54	239	144	P	H
	*	5190	93.16	-	-	85.98	31.75	8.97	33.54	239	144	A	H
		5365.4	50.66	-23.34	74	43.18	31.89	9.13	33.54	239	144	P	H
		5351.32	40.77	-13.23	54	33.35	31.88	9.08	33.54	239	144	A	H
		5145.65	60.08	-13.92	74	52.95	31.72	8.95	33.54	276	276	P	V
		5147.9	49.07	-4.93	54	41.94	31.72	8.95	33.54	276	276	A	V
	*	5190	93.19	-	-	86.01	31.75	8.97	33.54	276	276	P	V
	*	5190	86.56	-	-	79.38	31.75	8.97	33.54	276	276	A	V
		5397.96	48.44	-25.56	74	40.94	31.92	9.13	33.55	276	276	P	V
		5458.35	39.57	-14.43	54	31.94	31.96	9.22	33.55	276	276	A	V
802.11n HT40 CH 46 5230MHz													H
													H
													H
													H
													H
													H
													V
													V
													V
													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		5142.35	51.41	-22.59	74	44.28	31.72	8.95	33.54	222	149	P	H
		5040.8	42.17	-11.83	54	35.2	31.64	8.86	33.53	222	149	A	H
	*	5258	108.45	-	-	101.2	31.8	8.99	33.54	222	149	P	H
	*	5258	100.5	-	-	93.25	31.8	8.99	33.54	222	149	A	H
													H
													H
		5123.9	48.99	-25.01	74	41.87	31.71	8.95	33.54	400	219	P	V
		5083.25	40.2	-13.8	54	33.14	31.67	8.92	33.53	400	219	A	V
	*	5262	99.34	-	-	92.08	31.81	8.99	33.54	400	219	P	V
	*	5262	91.81	-	-	84.55	31.81	8.99	33.54	400	219	A	V
													V
													V
802.11a CH 60 5300MHz		5072.9	50.29	-23.71	74	43.26	31.67	8.89	33.53	237	147	P	H
		5079.05	42.25	-11.75	54	35.22	31.67	8.89	33.53	237	147	A	H
	*	5302	108.02	-	-	100.68	31.84	9.04	33.54	237	147	P	H
	*	5302	100.4	-	-	93.06	31.84	9.04	33.54	237	147	A	H
		5354.51	55.34	-18.66	74	47.92	31.88	9.08	33.54	237	147	P	H
		5350.33	47.45	-6.55	54	40.03	31.88	9.08	33.54	237	147	A	H
		5110.4	49.88	-24.12	74	42.8	31.69	8.92	33.53	400	100	P	V
		5079.2	40.26	-13.74	54	33.23	31.67	8.89	33.53	400	100	A	V
	*	5302	98.47	-	-	91.13	31.84	9.04	33.54	400	100	P	V
	*	5302	91.17	-	-	83.83	31.84	9.04	33.54	400	100	A	V
		5360.23	50.11	-23.89	74	42.69	31.88	9.08	33.54	400	100	P	V
		5350.55	40.42	-13.58	54	33	31.88	9.08	33.54	400	100	A	V



802.11a CH 64 5320MHz	*	5322	105.84	-	-	98.45	31.85	9.08	33.54	234	148	P	H
	*	5322	98.8	-	-	91.41	31.85	9.08	33.54	234	148	A	H
		5350.66	60.6	-13.4	74	53.18	31.88	9.08	33.54	234	148	P	H
		5350.11	51.55	-2.45	54	44.13	31.88	9.08	33.54	234	148	A	H
													H
													H
	*	5322	95.3	-	-	87.91	31.85	9.08	33.54	400	224	P	V
	*	5322	88.71	-	-	81.32	31.85	9.08	33.54	400	224	A	V
		5350	52.83	-21.17	74	45.41	31.88	9.08	33.54	400	224	P	V
		5350.11	41.88	-12.12	54	34.46	31.88	9.08	33.54	400	224	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	44.73	-29.27	74	25.62	40.11	13.14	34.14	150	0	P	H
		15780	46.23	-27.77	74	27.62	37.85	16.57	35.81	150	0	P	H
													H
													H
		10520	45.26	-28.74	74	26.15	40.11	13.14	34.14	150	0	P	V
		15780	46.59	-27.41	74	27.98	37.85	16.57	35.81	150	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	45.36	-28.64	74	26.18	40.16	13.2	34.18	150	0	P	H
		15900	46.79	-27.21	74	28.42	37.61	16.58	35.82	150	0	P	H
													H
													H
		10600	44.55	-29.45	74	25.37	40.16	13.2	34.18	150	0	P	V
		15900	46.2	-27.8	74	27.83	37.61	16.58	35.82	150	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	46.18	-27.82	74	26.98	40.18	13.23	34.21	150	0	P	H
		15960	45.92	-28.08	74	27.69	37.47	16.59	35.83	150	0	P	H
													H
													H
		10640	44.91	-29.09	74	25.71	40.18	13.23	34.21	150	0	P	V
		15960	45.9	-28.1	74	27.67	37.47	16.59	35.83	150	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													H
													H
													H
													H
													H
													H
													V
													V
													V
													V
													V
802.11n HT20 CH 60 5300MHz													H
													H
													H
													H
													H
													H
													V
													V
													V
													V



802.11n HT20 CH 64 5320MHz	*	5322	105.23	-	-	97.84	31.85	9.08	33.54	231	147	P	H
	*	5322	97.97	-	-	90.58	31.85	9.08	33.54	231	147	A	H
		5351.54	60.16	-13.84	74	52.74	31.88	9.08	33.54	231	147	P	H
		5350	50.61	-3.39	54	43.19	31.88	9.08	33.54	231	147	A	H
													H
													H
	*	5322	94.75	-	-	87.36	31.85	9.08	33.54	299	217	P	V
	*	5322	88.3	-	-	80.91	31.85	9.08	33.54	299	217	A	V
		5350	53.67	-20.33	74	46.25	31.88	9.08	33.54	299	217	P	V
		5350	42.15	-11.85	54	34.73	31.88	9.08	33.54	299	217	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													H
													H
													H
													H
													V
													V
													V
802.11n HT20 CH 60 5300MHz													H
													H
													H
													H
													V
													V
													V
802.11n HT20 CH 64 5320MHz		10641	45.28	-28.72	74	26.08	40.18	13.23	34.21	150	0	P	H
		15960	45.1	-28.9	74	26.87	37.47	16.59	35.83	150	0	P	H
													H
													H
		10640	45.42	-28.58	74	26.22	40.18	13.23	34.21	150	0	P	V
		15960	41.83	-32.17	74	23.6	37.47	16.59	35.83	150	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													H
													H
													H
													H
													H
													H
													V
													V
													V
													V
													V
													V
802.11n HT40 CH 62 5310MHz		5053.25	50.5	-23.5	74	43.5	31.64	8.89	33.53	235	147	P	H
		5118.65	41.51	-12.49	54	34.44	31.69	8.92	33.54	235	147	A	H
	*	5310	99.99	-	-	92.64	31.85	9.04	33.54	235	147	P	H
	*	5310	93.22	-	-	85.87	31.85	9.04	33.54	235	147	A	H
		5350.33	62.51	-11.49	74	55.09	31.88	9.08	33.54	235	147	P	H
		5350.77	52.71	-1.29	54	45.29	31.88	9.08	33.54	235	147	A	H
		5015	49.37	-24.63	74	42.43	31.61	8.86	33.53	340	254	P	V
		5063.6	40.46	-13.54	54	33.45	31.65	8.89	33.53	340	254	A	V
	*	5310	89.93	-	-	82.58	31.85	9.04	33.54	340	254	P	V
	*	5310	83.43	-	-	76.08	31.85	9.04	33.54	340	254	A	V
		5352.64	49.45	-24.55	74	42.03	31.88	9.08	33.54	340	254	P	V
		5350.55	42.22	-11.78	54	34.8	31.88	9.08	33.54	340	254	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 802.11a (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		5467.28	63.51	-10.49	74	55.87	31.97	9.22	33.55	236	156	P	H
		5469.84	53.55	-0.45	54	45.91	31.97	9.22	33.55	236	156	A	H
	*	5500	108.44	-	-	100.73	32	9.26	33.55	236	156	P	H
	*	5500	101.38	-	-	93.67	32	9.26	33.55	236	156	A	H
													H
													H
		5469.84	48.85	-25.15	74	41.21	31.97	9.22	33.55	225	241	P	V
		5468.56	41.86	-12.14	54	34.22	31.97	9.22	33.55	225	241	A	V
	*	5503	94.16	-	-	86.46	32	9.26	33.56	225	241	P	V
	*	5503	85.19	-	-	77.49	32	9.26	33.56	225	241	A	V
													V
													V
802.11a CH 116 5580MHz		5451.28	50.59	-23.41	74	42.96	31.96	9.22	33.55	217	136	P	H
		5464.56	41.94	-12.06	54	34.3	31.97	9.22	33.55	217	136	A	H
	*	5582	106.36	-	-	98.51	32.12	9.32	33.59	217	136	P	H
	*	5582	100.16	-	-	92.31	32.12	9.32	33.59	217	136	A	H
		5729.4	50.56	-23.44	74	42.45	32.31	9.44	33.64	217	136	P	H
		5733.4	41.98	-12.02	54	33.88	32.31	9.44	33.65	217	136	A	H
		5454.64	48.23	-25.77	74	40.6	31.96	9.22	33.55	351	333	P	V
		5468.88	39.9	-14.1	54	32.26	31.97	9.22	33.55	351	333	A	V
	*	5582	101.04	-	-	93.19	32.12	9.32	33.59	351	333	P	V
	*	5582	94.99	-	-	87.14	32.12	9.32	33.59	351	333	A	V
		5741.96	49.07	-24.93	74	40.94	32.34	9.44	33.65	351	333	P	V
		5729.48	40.73	-13.27	54	32.62	32.31	9.44	33.64	351	333	A	V



802.11a CH 140 5700MHz	*	5699	106.76	-	-	98.73	32.27	9.39	33.63	229	136	P	H
	*	5699	99.91	-	-	91.88	32.27	9.39	33.63	229	136	A	H
		5725.64	62.52	-11.48	74	54.41	32.31	9.44	33.64	229	136	P	H
		5725.64	52.99	-1.01	54	44.88	32.31	9.44	33.64	229	136	A	H
													H
													H
	*	5702	102.19	-	-	94.14	32.29	9.39	33.63	325	338	P	V
	*	5702	95.75	-	-	87.7	32.29	9.39	33.63	325	338	A	V
		5725.64	58.74	-15.26	74	50.63	32.31	9.44	33.64	325	338	P	V
		5725.24	49.57	-4.43	54	41.46	32.31	9.44	33.64	325	338	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	47.32	-26.68	74	27.83	40.4	13.48	34.39	150	0	P	H
		16500	47.94	-26.06	74	28.04	39	16.81	35.91	150	0	P	H
													H
													H
		11000	46.24	-27.76	74	26.75	40.4	13.48	34.39	150	0	P	V
		16500	48.11	-25.89	74	28.21	39	16.81	35.91	150	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	47.1	-26.9	74	27.68	40.27	13.64	34.49	150	0	P	H
		16740	49.7	-24.3	74	28.92	39.92	16.8	35.94	150	0	P	H
													H
													H
		11160	46.51	-27.49	74	27.09	40.27	13.64	34.49	150	0	P	V
		16740	49.42	-24.58	74	28.64	39.92	16.8	35.94	150	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	46.77	-27.23	74	27.48	40.08	13.87	34.66	150	0	P	H
		17100	49.87	-24.13	74	27.87	41.12	16.85	35.97	150	0	P	H
													H
													H
		11400	48.12	-25.88	74	28.83	40.08	13.87	34.66	150	0	P	V
		17100	49.76	-24.24	74	27.76	41.12	16.85	35.97	150	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		5469.2	59.12	-14.88	74	51.48	31.97	9.22	33.55	215	146	P	H
		5469.68	49.48	-4.52	54	41.84	31.97	9.22	33.55	215	146	A	H
	*	5500	104.95	-	-	97.24	32	9.26	33.55	215	146	P	H
	*	5500	97.66	-	-	89.95	32	9.26	33.55	215	146	A	H
													H
													H
		5468.72	53.88	-20.12	74	46.24	31.97	9.22	33.55	312	334	P	V
		5469.68	43.66	-10.34	54	36.02	31.97	9.22	33.55	312	334	A	V
	*	5500	98.77	-	-	91.06	32	9.26	33.55	312	334	P	V
	*	5500	91.39	-	-	83.68	32	9.26	33.55	312	334	A	V
													V
													V
802.11n HT20 CH 116 5580MHz													H
													H
													H
													H
													H
													H
													V
													V
													V
													V
													V
													V



802.11n HT20 CH 140 5700MHz	*	5700	104.38	-	-	96.35	32.27	9.39	33.63	144	80	P	H
	*	5700	98.2	-	-	90.17	32.27	9.39	33.63	144	80	A	H
		5725.08	58.61	-15.39	74	50.5	32.31	9.44	33.64	144	80	P	H
		5725	50.19	-3.81	54	42.08	32.31	9.44	33.64	144	80	A	H
													H
													H
	*	5700	103.18	-	-	95.15	32.27	9.39	33.63	290	332	P	V
	*	5700	95.18	-	-	87.15	32.27	9.39	33.63	290	332	A	V
		5727.24	56.36	-17.64	74	48.25	32.31	9.44	33.64	290	332	P	V
		5725.24	48.15	-5.85	54	40.04	32.31	9.44	33.64	290	332	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 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		5469.36	62.65	-11.35	74	55.01	31.97	9.22	33.55	117	182	P	H
		5469.84	52.37	-1.63	54	44.73	31.97	9.22	33.55	117	182	A	H
	*	5510	105.16	-	-	97.41	32.02	9.29	33.56	117	182	P	H
	*	5510	99.84	-	-	92.14	32	9.26	33.56	117	182	A	H
		5734.6	50.68	-23.32	74	42.55	32.34	9.44	33.65	117	182	P	H
		5747.72	41.49	-12.51	54	33.36	32.34	9.44	33.65	117	182	A	H
		5461.84	52.1	-21.9	74	44.47	31.96	9.22	33.55	294	103	P	V
		5469.36	43.36	-10.64	54	35.72	31.97	9.22	33.55	294	103	A	V
	*	5510	94.23	-	-	86.51	32.02	9.26	33.56	294	103	P	V
	*	5510	87.57	-	-	79.87	32	9.26	33.56	294	103	A	V
		5742.28	48.8	-25.2	74	40.67	32.34	9.44	33.65	294	103	P	V
		5728.68	40.13	-13.87	54	32.02	32.31	9.44	33.64	294	103	A	V
802.11n HT40 CH 110 5550MHz													H
													H
													H
													H
													H
													H
													V
													V
													V
													V
													V
													V



802.11n HT40 CH 134 5670MHz		5466.96	49.11	-24.89	74	41.47	31.97	9.22	33.55	222	160	P	H
		5460.24	41.04	-12.96	54	33.41	31.96	9.22	33.55	222	160	A	H
	*	5670	102.45	-	-	94.48	32.24	9.35	33.62	222	160	P	H
	*	5670	94.89	-	-	86.92	32.24	9.35	33.62	222	160	A	H
		5729.8	55.06	-18.94	74	46.95	32.31	9.44	33.64	222	160	P	H
		5726.28	47.53	-6.47	54	39.42	32.31	9.44	33.64	222	160	A	H
		5459.92	48.36	-25.64	74	40.73	31.96	9.22	33.55	316	332	P	V
		5469.52	39.88	-14.12	54	32.24	31.97	9.22	33.55	316	332	A	V
	*	5670	98.11	-	-	90.14	32.24	9.35	33.62	316	332	P	V
	*	5670	90.72	-	-	82.75	32.24	9.35	33.62	316	332	A	V
		5730.36	53.33	-20.67	74	45.23	32.31	9.44	33.65	316	332	P	V
		5725.48	44.49	-9.51	54	36.38	32.31	9.44	33.64	316	332	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	46.5	-27.5	74	27.04	40.39	13.48	34.41	150	0	P	H
		16530	45.57	-28.43	74	25.54	39.13	16.81	35.91	150	0	P	H
													H
													H
		11019	46.36	-27.64	74	26.9	40.39	13.48	34.41	150	0	P	V
		16530	46.37	-27.63	74	26.34	39.13	16.81	35.91	150	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz													H
													H
													H
													H
													V
													V
													V
													V
802.11n HT40 CH 134 5670MHz													H
													H
													H
													H
													V
													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 802.11a (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)
802.11a LF		99.93	15.17	-28.33	43.5	35.58	10.09	1.28	31.78			P	H
		164.46	15.43	-28.07	43.5	36.6	9.15	1.46	31.78			P	H
		273	14.84	-31.16	46	32.27	12.4	1.94	31.77			P	H
		418.3	17.47	-28.53	46	30.25	16.63	2.41	31.82			P	H
		615	20.44	-25.56	46	30.62	18.9	2.96	32.04			P	H
		942.6	23.74	-22.26	46	30.62	20.53	3.68	31.09	174	10	P	H
													H
													H
													H
													H
													H
		51.87	20.14	-19.86	40	43.85	7.05	1.04	31.8	193	278	P	V
		181.47	14.89	-28.61	43.5	36.72	8.31	1.64	31.78			P	V
		263.82	14.74	-31.26	46	31.72	12.85	1.94	31.77			P	V
		400.1	18.27	-27.73	46	32.04	15.71	2.32	31.8			P	V
		767.6	24.69	-21.31	46	33.6	19.7	3.35	31.96			P	V
		896.4	23.04	-22.96	46	30.84	20.1	3.55	31.45			P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5147.6	50.36	-23.64	74	43.23	31.72	33.54	8.95	368	256	P	H
		5150	41.39	-12.61	54	34.26	31.72	33.54	8.95	368	256	A	H
	*	5180	93.91	-	-	86.73	31.75	33.54	8.97	368	256	P	H
	*	5180	86.93	-	-	79.75	31.75	33.54	8.97	368	256	A	H
		5376.62	47.89	-26.11	74	40.42	31.89	33.55	9.13	368	256	P	H
		5454.06	39.51	-14.49	54	31.88	31.96	33.55	9.22	368	256	A	H
		5149.85	62.47	-11.53	74	55.34	31.72	33.54	8.95	287	65	P	V
		5149.7	52.59	-1.41	54	45.46	31.72	33.54	8.95	287	65	A	V
	*	5180	108.58	-	-	101.4	31.75	33.54	8.97	287	65	P	V
	*	5180	101.64	-	-	94.46	31.75	33.54	8.97	287	65	A	V
		5372.88	49.1	-24.9	74	41.62	31.89	33.54	9.13	287	65	P	V
		5395.76	42.06	-11.94	54	34.56	31.92	33.55	9.13	287	65	A	V
802.11a CH 44 5220MHz		5025.65	49.14	-24.86	74	42.18	31.63	8.86	33.53	129	256	P	H
		5140.25	40.02	-13.98	54	32.89	31.72	8.95	33.54	129	256	A	H
	*	5220	96.82	-	-	89.61	31.77	8.98	33.54	129	256	P	H
	*	5220	89.86	-	-	82.65	31.77	8.98	33.54	129	256	A	H
		5446.25	48.06	-25.94	74	40.43	31.96	9.22	33.55	129	256	P	H
		5449.88	39.73	-14.27	54	32.1	31.96	9.22	33.55	129	256	A	H
		5146.85	55.47	-18.53	74	48.34	31.72	8.95	33.54	122	56	P	V
		5150	46.06	-7.94	54	38.93	31.72	8.95	33.54	122	56	A	V
	*	5220	109.69	-	-	102.48	31.77	8.98	33.54	122	56	P	V
	*	5220	102.9	-	-	95.69	31.77	8.98	33.54	122	56	A	V
		5424.8	49.66	-24.34	74	42.11	31.93	9.17	33.55	122	56	P	V
		5437.56	42.27	-11.73	54	34.7	31.95	9.17	33.55	122	56	A	V



802.11a CH 48 5240MHz		5098.85	49.92	-24.08	74	42.85	31.68	8.92	33.53	141	255	P	H
		5119.4	39.89	-14.11	54	32.82	31.69	8.92	33.54	141	255	A	H
	*	5240	96.61	-	-	89.38	31.79	8.98	33.54	141	255	P	H
	*	5240	90.76	-	-	83.53	31.79	8.98	33.54	141	255	A	H
		5423.92	49.43	-24.57	74	41.88	31.93	9.17	33.55	141	255	P	H
		5457.36	39.5	-14.5	54	31.87	31.96	9.22	33.55	141	255	A	H
		5092.1	53.51	-20.49	74	46.44	31.68	8.92	33.53	293	78	P	V
		5021.6	45.68	-8.32	54	38.72	31.63	8.86	33.53	293	78	A	V
	*	5240	110.68	-	-	103.45	31.79	8.98	33.54	293	78	P	V
	*	5240	104.53	-	-	97.3	31.79	8.98	33.54	293	78	A	V
		5374.97	51.74	-22.26	74	44.27	31.89	9.13	33.55	293	78	P	V
		5458.46	43.93	-10.07	54	36.3	31.96	9.22	33.55	293	78	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	45.08	-28.92	74	26.19	39.94	34.14	13.09	150	0	P	H
		15540	46.33	-27.67	74	27.23	38.33	35.78	16.55	150	0	P	H
													H
													H
		10360	45.93	-28.07	74	27.04	39.94	34.14	13.09	150	0	P	V
		15540	47.06	-26.94	74	27.96	38.33	35.78	16.55	150	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	46.89	-27.11	74	27.9	40.02	13.11	34.14	150	0	P	H
		15660	46.77	-27.23	74	27.92	38.09	16.56	35.8	150	0	P	H
													H
													H
		10440	46.6	-27.4	74	27.61	40.02	13.11	34.14	150	0	P	V
		15660	47.08	-26.92	74	28.23	38.09	16.56	35.8	150	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	45.93	-28.07	74	26.88	40.08	13.11	34.14	150	0	P	H
		15720	46.92	-27.08	74	28.2	37.95	16.57	35.8	150	0	P	H
													H
													H
		10480	44.75	-29.25	74	25.7	40.08	13.11	34.14	150	0	P	V
		15720	46.87	-27.13	74	28.15	37.95	16.57	35.8	150	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 Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5149.1	52.04	-21.96	74	44.91	31.72	8.95	33.54	306	294	P	H
		5150	41.54	-12.46	54	34.41	31.72	8.95	33.54	306	294	A	H
	*	5180	95.92	-	-	88.74	31.75	8.97	33.54	306	294	P	H
	*	5180	88.87	-	-	81.69	31.75	8.97	33.54	306	294	A	H
													H
													H
		5147.45	62.89	-11.11	74	55.76	31.72	8.95	33.54	183	286	P	V
		5149.25	52.84	-1.16	54	45.71	31.72	8.95	33.54	183	286	A	V
	*	5180	108.09	-	-	100.91	31.75	8.97	33.54	183	286	P	V
	*	5180	101.55	-	-	94.37	31.75	8.97	33.54	183	286	A	V
													V
													V
802.11n HT20 CH 44 5220MHz													H
													H
													H
													H
													H
													H
													V
													V
													V
													V
													V
													V



802.11n HT20 CH 48 5240MHz													H
													H
													H
													H
													H
													H
													V
													V
													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 Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5115.05	50.1	-23.9	74	43.02	31.69	8.92	33.53	117	267	P	H
		5148.95	41.53	-12.47	54	34.4	31.72	8.95	33.54	117	267	A	H
	*	5190	88.31	-	-	81.13	31.75	8.97	33.54	117	267	P	H
	*	5190	81.39	-	-	74.21	31.75	8.97	33.54	117	267	A	H
		5455.71	47.73	-26.27	74	40.1	31.96	9.22	33.55	117	267	P	H
		5441.63	39.41	-14.59	54	31.79	31.95	9.22	33.55	117	267	A	H
		5148.05	63.08	-10.92	74	55.95	31.72	8.95	33.54	181	285	P	V
		5149.7	52.72	-1.28	54	45.59	31.72	8.95	33.54	181	285	A	V
	*	5190	102.2	-	-	95.02	31.75	8.97	33.54	181	285	P	V
	*	5190	94.92	-	-	87.74	31.75	8.97	33.54	181	285	A	V
		5351.65	50.69	-23.31	74	43.27	31.88	9.08	33.54	181	285	P	V
		5405.99	41.76	-12.24	54	34.22	31.92	9.17	33.55	181	285	A	V
802.11n HT40 CH 46 5230MHz													H
													H
													H
													H
													H
													H
													V
													V
													V
													V
													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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5017.55	49.31	-24.69	74	42.37	31.61	8.86	33.53	279	256	P	H
		5105.75	40.18	-13.82	54	33.1	31.69	8.92	33.53	279	256	A	H
	*	5260	96.97	-	-	89.71	31.81	8.99	33.54	279	256	P	H
	*	5260	90.15	-	-	82.89	31.81	8.99	33.54	279	256	A	H
		5453.51	49.35	-24.65	74	41.72	31.96	9.22	33.55	279	256	P	H
		5455.38	39.55	-14.45	54	31.92	31.96	9.22	33.55	279	256	A	H
		5040.2	52.66	-21.34	74	45.69	31.64	8.86	33.53	328	81	P	V
		5040.8	44.99	-9.01	54	38.02	31.64	8.86	33.53	328	81	A	V
	*	5260	110.91	-	-	103.65	31.81	8.99	33.54	328	81	P	V
	*	5260	104.41	-	-	97.15	31.81	8.99	33.54	328	81	A	V
		5350.33	52.58	-21.42	74	45.16	31.88	9.08	33.54	328	81	P	V
		5350.33	43.13	-10.87	54	35.71	31.88	9.08	33.54	328	81	A	V
802.11a CH 60 5300MHz		5115.8	50.05	-23.95	74	42.97	31.69	33.53	8.92	274	254	P	H
		5038.1	39.99	-14.01	54	33.02	31.64	33.53	8.86	274	254	A	H
	*	5300	97.95	-	-	90.61	31.84	33.54	9.04	274	254	P	H
	*	5300	90.8	-	-	83.46	31.84	33.54	9.04	274	254	A	H
		5350.88	50.59	-23.41	74	43.17	31.88	33.54	9.08	274	254	P	H
		5350.66	40.87	-13.13	54	33.45	31.88	33.54	9.08	274	254	A	H
		5002.85	50.99	-23.01	74	44.06	31.6	33.53	8.86	326	83	P	V
		5079.2	43.73	-10.27	54	36.7	31.67	33.53	8.89	326	83	A	V
	*	5300	109.93	-	-	102.59	31.84	33.54	9.04	326	83	P	V
	*	5300	104.22	-	-	96.88	31.84	33.54	9.04	326	83	A	V
		5350.22	61.98	-12.02	74	54.56	31.88	33.54	9.08	326	83	P	V
		5353.52	50.71	-3.29	54	43.29	31.88	33.54	9.08	326	83	A	V



802.11a CH 64 5320MHz	*	5322	99.24	-	-	91.85	31.85	9.08	33.54	125	106	P	H
	*	5322	90.9	-	-	83.51	31.85	9.08	33.54	125	106	A	H
		5352.2	53.9	-20.1	74	46.48	31.88	9.08	33.54	125	106	P	H
		5350	44.01	-9.99	54	36.59	31.88	9.08	33.54	125	106	A	H
													H
													H
	*	5320	108.42	-	-	101.07	31.85	9.04	33.54	100	262	P	V
	*	5320	101.44	-	-	94.09	31.85	9.04	33.54	100	262	A	V
		5350.44	65.5	-8.5	74	58.08	31.88	9.08	33.54	100	262	P	V
		5350.66	53.67	-0.33	54	46.25	31.88	9.08	33.54	100	262	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 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	46.8	-27.2	74	27.69	40.11	34.14	13.14	150	0	P	H
		15780	48.45	-25.55	74	29.84	37.85	35.81	16.57	150	0	P	H
													H
													H
		10520	45.81	-28.19	74	26.7	40.11	34.14	13.14	150	0	P	V
		15780	47.71	-26.29	74	29.1	37.85	35.81	16.57	150	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	45.97	-28.03	74	26.79	40.16	13.2	34.18	150	0	P	H
		15900	46.54	-27.46	74	28.17	37.61	16.58	35.82	150	0	P	H
													H
													H
		10600	47.2	-26.8	74	28.02	40.16	13.2	34.18	150	0	P	V
		15900	47.61	-26.39	74	29.24	37.61	16.58	35.82	150	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	46.07	-27.93	74	26.87	40.18	13.23	34.21	150	0	P	H
		15960	46.54	-27.46	74	28.31	37.47	16.59	35.83	150	0	P	H
													H
													H
		10640	46.3	-27.7	74	27.1	40.18	13.23	34.21	150	0	P	V
		15960	45.96	-28.04	74	27.73	37.47	16.59	35.83	150	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 Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz													H
													H
													H
													H
													H
													H
													V
													V
													V
													V
802.11n HT20 CH 60 5300MHz													V
													H
													H
													H
													H
													H
													V
													V
													V
													V



802.11n HT20 CH 64 5320MHz	*	5318	97.7	-	-	90.35	31.85	9.04	33.54	140	103	P	H
	*	5318	90.17	-	-	82.82	31.85	9.04	33.54	140	103	A	H
		5351.98	50.11	-23.89	74	42.69	31.88	9.08	33.54	140	103	P	H
		5350.55	43.06	-10.94	54	35.64	31.88	9.08	33.54	140	103	A	H
													H
													H
	*	5319	106.63	-	-	99.28	31.85	9.04	33.54	125	286	P	V
	*	5319	99.51	-	-	92.16	31.85	9.04	33.54	125	286	A	V
		5350	63.76	-10.24	74	56.34	31.88	9.08	33.54	125	286	P	V
		5350	52.03	-1.97	54	44.61	31.88	9.08	33.54	125	286	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 Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz													H
													H
													H
													H
													V
													V
													V
802.11n HT20 CH 60 5300MHz													H
													H
													H
													H
													V
													V
													V
802.11n HT20 CH 64 5320MHz		10641	46.31	-27.69	74	27.11	40.18	13.23	34.21	150	0	P	H
		15960	42.39	-31.61	74	24.16	37.47	16.59	35.83	150	0	P	H
													H
													H
		10641	46.17	-27.83	74	26.97	40.18	13.23	34.21	150	0	P	V
		15960	42.73	-31.27	74	24.5	37.47	16.59	35.83	150	0	P	V
													V
Remark													V
	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz													H
													H
													H
													H
													H
													H
													V
													V
													V
													V
													V
802.11n HT40 CH 62 5310MHz		5041.4	49.93	-24.07	74	42.96	31.64	8.86	33.53	280	302	P	H
		5115.2	40.51	-13.49	54	33.43	31.69	8.92	33.53	280	302	A	H
	*	5310	89.79	-	-	82.44	31.85	9.04	33.54	280	302	P	H
	*	5310	83.04	-	-	75.69	31.85	9.04	33.54	280	302	A	H
		5355.17	54.63	-19.37	74	47.21	31.88	9.08	33.54	280	302	P	H
		5350.55	42.47	-11.53	54	35.05	31.88	9.08	33.54	280	302	A	H
		5137.25	51.12	-22.88	74	44	31.71	8.95	33.54	175	284	P	V
		5113.25	41.99	-12.01	54	34.91	31.69	8.92	33.53	175	284	A	V
	*	5310	101.82	-	-	94.47	31.85	9.04	33.54	175	284	P	V
	*	5310	94.65	-	-	87.3	31.85	9.04	33.54	175	284	A	V
		5353.08	63.47	-10.53	74	56.05	31.88	9.08	33.54	175	284	P	V
		5350.11	53.46	-0.54	54	46.04	31.88	9.08	33.54	175	284	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5468.72	52.34	-21.66	74	44.7	31.97	9.22	33.55	118	115	P	H
		5469.04	43.11	-10.89	54	35.47	31.97	9.22	33.55	118	115	A	H
	*	5498	96.77	-	-	89.06	32	9.26	33.55	118	115	P	H
	*	5498	91.88	-	-	84.17	32	9.26	33.55	118	115	A	H
													H
													H
		5466.48	59.25	-14.75	74	51.61	31.97	9.22	33.55	174	255	P	V
		5470	52.93	-1.07	54	45.29	31.97	9.22	33.55	174	255	A	V
	*	5498	108.45	-	-	100.74	32	9.26	33.55	174	255	P	V
	*	5498	102.38	-	-	94.67	32	9.26	33.55	174	255	A	V
													V
													V
802.11a CH 116 5580MHz		5400.88	49.34	-24.66	74	41.84	31.92	9.13	33.55	117	114	P	H
		5460.24	39.86	-14.14	54	32.23	31.96	9.22	33.55	117	114	A	H
	*	5578	100	-	-	92.17	32.1	9.32	33.59	117	114	P	H
	*	5578	92.87	-	-	85.04	32.1	9.32	33.59	117	114	A	H
		5759.08	47.85	-26.15	74	39.7	32.36	9.44	33.65	117	114	P	H
		5751.64	40.16	-13.84	54	32.01	32.36	9.44	33.65	117	114	A	H
		5441.04	53.05	-20.95	74	45.48	31.95	9.17	33.55	178	271	P	V
		5458.48	43.98	-10.02	54	36.35	31.96	9.22	33.55	178	271	A	V
	*	5578	112.93	-	-	105.1	32.1	9.32	33.59	178	271	P	V
	*	5578	105.44	-	-	97.61	32.1	9.32	33.59	178	271	A	V
		5744.84	51.2	-22.8	74	43.07	32.34	9.44	33.65	178	271	P	V
		5734.92	42.61	-11.39	54	34.48	32.34	9.44	33.65	178	271	A	V



802.11a CH 140 5700MHz	*	5698	94.77	-	-	86.74	32.27	9.39	33.63	110	109	P	H
	*	5698	87.19	-	-	79.16	32.27	9.39	33.63	110	109	A	H
		5725.4	51.29	-22.71	74	43.18	32.31	9.44	33.64	110	109	P	H
		5725	42.8	-11.2	54	34.69	32.31	9.44	33.64	110	109	A	H
													H
													H
	*	5701	105.78	-	-	97.73	32.29	9.39	33.63	123	254	P	V
	*	5701	99.56	-	-	91.51	32.29	9.39	33.63	123	254	A	V
		5729.56	64.24	-9.76	74	56.13	32.31	9.44	33.64	123	254	P	V
		5726.04	52.56	-1.44	54	44.45	32.31	9.44	33.64	123	254	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 Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	47.6	-26.4	74	28.11	40.4	34.39	13.48	150	0	P	H
		16500	48.43	-25.57	74	28.53	39	35.91	16.81	150	0	P	H
													H
													H
		11000	46.75	-27.25	74	27.26	40.4	34.39	13.48	150	0	P	V
		16500	47.65	-26.35	74	27.75	39	35.91	16.81	150	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	46.97	-27.03	74	27.55	40.27	13.64	34.49	150	0	P	H
		16740	48.88	-25.12	74	28.1	39.92	16.8	35.94	150	0	P	H
													H
													H
		11160	46.82	-27.18	74	27.4	40.27	13.64	34.49	150	0	P	V
		16740	50.28	-23.72	74	29.5	39.92	16.8	35.94	150	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	48.3	-25.7	74	29.01	40.08	13.87	34.66	150	0	P	H
		17100	50.79	-23.21	74	28.79	41.12	16.85	35.97	150	0	P	H
													H
													H
		11400	46.78	-27.22	74	27.49	40.08	13.87	34.66	150	0	P	V
		17100	50.61	-23.39	74	28.61	41.12	16.85	35.97	150	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		5466.96	52.02	-21.98	74	44.38	31.97	9.22	33.55	255	112	P	H
		5469.2	41.58	-12.42	54	33.94	31.97	9.22	33.55	255	112	A	H
	*	5500	95.07	-	-	87.36	32	9.26	33.55	255	112	P	H
	*	5500	87.94	-	-	80.23	32	9.26	33.55	255	112	A	H
													H
													H
		5463.76	62	-12	74	54.36	31.97	9.22	33.55	182	278	P	V
		5470	53.85	-0.15	54	46.21	31.97	9.22	33.55	182	278	A	V
	*	5500	110.21	-	-	102.5	32	9.26	33.55	182	278	P	V
	*	5500	103.27	-	-	95.56	32	9.26	33.55	182	278	A	V
													V
													V
802.11n HT20 CH 116 5580MHz													H
													H
													H
													H
													H
													H
													V
													V
													V
													V
													V
													V



802.11n HT20 CH 140 5700MHz	*	5700	91.44	-	-	83.41	32.27	9.39	33.63	261	34	P	H
	*	5700	84.07	-	-	76.04	32.27	9.39	33.63	261	34	A	H
		5726.6	49.96	-24.04	74	41.85	32.31	9.44	33.64	261	34	P	H
		5725.4	40.79	-13.21	54	32.68	32.31	9.44	33.64	261	34	A	H
													H
													H
	*	5700	107.58	-	-	99.55	32.27	9.39	33.63	125	265	P	V
	*	5700	99.7	-	-	91.67	32.27	9.39	33.63	125	265	A	V
		5725.64	63.47	-10.53	74	55.36	32.31	9.44	33.64	125	265	P	V
		5725.08	52.48	-1.52	54	44.37	32.31	9.44	33.64	125	265	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 HT40 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5468.4	49.39	-24.61	74	41.75	31.97	9.22	33.55	100	149	P	H
		5469.84	41.73	-12.27	54	34.09	31.97	9.22	33.55	100	149	A	H
	*	5510	91.6	-	-	83.9	32	9.26	33.56	100	149	P	H
	*	5510	83.98	-	-	76.28	32	9.26	33.56	100	149	A	H
		5735.32	48.39	-25.61	74	40.26	32.34	9.44	33.65	100	149	P	H
		5761.88	40.04	-13.96	54	31.84	32.36	9.49	33.65	100	149	A	H
		5465.2	63.83	-10.17	74	56.19	31.97	9.22	33.55	169	178	P	V
		5468.72	53.09	-0.91	54	45.45	31.97	9.22	33.55	169	178	A	V
	*	5510	103.64	-	-	95.92	32.02	9.26	33.56	169	178	P	V
	*	5510	97.03	-	-	89.33	32	9.26	33.56	169	178	A	V
		5742.44	50.66	-23.34	74	42.53	32.34	9.44	33.65	169	178	P	V
		5732.36	41.73	-12.27	54	33.63	32.31	9.44	33.65	169	178	A	V
802.11n HT40 CH 110 5550MHz													H
													H
													H
													H
													H
													H
													V
													V
													V
													V
													V
													V



802.11n HT40 CH 134 5670MHz		5028.05	49.39	-24.61	74	42.43	31.63	8.86	33.53	112	107	P	H
		5078.9	40.47	-13.53	54	33.44	31.67	8.89	33.53	112	107	A	H
	*	5674	92.6	-	-	84.63	32.24	9.35	33.62	112	107	P	H
	*	5674	85.52	-	-	77.55	32.24	9.35	33.62	112	107	A	H
		5364.19	49.25	-24.75	74	41.77	31.89	9.13	33.54	112	107	P	H
		5441.52	40.21	-13.79	54	32.64	31.95	9.17	33.55	112	107	A	H
		5097.05	48.99	-25.01	74	41.92	31.68	8.92	33.53	100	267	P	V
		5082.2	40.7	-13.3	54	33.64	31.67	8.92	33.53	100	267	A	V
	*	5666	106.69	-	-	98.74	32.22	9.35	33.62	100	267	P	V
	*	5666	99.63	-	-	91.68	32.22	9.35	33.62	100	267	A	V
		5373.65	50.99	-23.01	74	43.52	31.89	9.13	33.55	100	267	P	V
		5459.89	43.46	-10.54	54	35.83	31.96	9.22	33.55	100	267	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 Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		11020	46.31	-27.69	74	26.85	40.39	34.41	13.48	150	0	P	H
		16530	46.75	-27.25	74	26.72	39.13	35.91	16.81	150	0	P	H
													H
													H
		11020	46.83	-27.17	74	27.37	40.39	34.41	13.48	150	0	P	V
		16530	46.5	-27.5	74	26.47	39.13	35.91	16.81	150	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz													H
													H
													H
													H
													V
													V
													V
													V
802.11n HT40 CH 134 5670MHz													H
													H
													H
													H
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Emission below 1GHz

WIFI 802.11a (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)
802.11a LF		56.73	19.32	-20.68	40	44.33	5.75	1.04	31.8	178	214	P	H
		135.3	14.64	-28.86	43.5	33.8	11.16	1.46	31.78			P	H
		257.61	14.68	-31.32	46	31.75	12.76	1.94	31.77			P	H
		418.3	17.47	-28.53	46	30.25	16.63	2.41	31.82			P	H
		552	19.95	-26.05	46	30.49	18.66	2.77	31.97			P	H
		843.2	23.19	-22.81	46	31.3	20.2	3.4	31.71			P	H
													H
													H
													H
													H
													H
													H
		51.87	20.14	-19.86	40	43.85	7.05	1.04	31.8	194	241	P	V
		128.82	14.34	-29.16	43.5	33.08	11.58	1.46	31.78			P	V
		226.83	15.43	-30.57	46	36.42	8.99	1.79	31.77			P	V
		400.1	18.27	-27.73	46	32.04	15.71	2.32	31.8			P	V
		561.8	21.27	-24.73	46	31.98	18.5	2.77	31.98			P	V
		767.6	24.69	-21.31	46	33.6	19.7	3.35	31.96			P	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 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		5148.5	62	-12	74	54.87	31.72	8.95	33.54	214	157	P	H
		5150	53.31	-0.69	54	46.18	31.72	8.95	33.54	214	157	A	H
	*	5179	110.02	-	-	102.84	31.75	8.97	33.54	214	157	P	H
	*	5179	102.88	-	-	95.7	31.75	8.97	33.54	214	157	A	H
		5352.64	50.14	-23.86	74	42.72	31.88	9.08	33.54	214	157	P	H
		5396.09	41.9	-12.1	54	34.4	31.92	9.13	33.55	214	157	A	H
		5075.9	50.42	-23.58	74	43.39	31.67	8.89	33.53	301	118	P	V
		5148.05	42.38	-11.62	54	35.25	31.72	8.95	33.54	301	118	A	V
	*	5177	96.14	-	-	88.96	31.75	8.97	33.54	301	118	P	V
	*	5177	89.92	-	-	82.74	31.75	8.97	33.54	301	118	A	V
		5449.77	48.29	-25.71	74	40.66	31.96	9.22	33.55	301	118	P	V
		5456.59	39.95	-14.05	54	32.32	31.96	9.22	33.55	301	118	A	V
802.11n HT20 CH 44 5220MHz		5146.85	60.2	-13.8	74	53.07	31.72	8.95	33.54	240	158	P	H
		5149.7	51.52	-2.48	54	44.39	31.72	8.95	33.54	240	158	A	H
	*	5219	113.6	-	-	106.39	31.77	8.98	33.54	240	158	P	H
	*	5219	106.52	-	-	99.31	31.77	8.98	33.54	240	158	A	H
		5364.19	50.58	-23.42	74	43.1	31.89	9.13	33.54	240	158	P	H
		5365.51	43.37	-10.63	54	35.89	31.89	9.13	33.54	240	158	A	H
		5141	50.43	-23.57	74	43.3	31.72	8.95	33.54	318	110	P	V
		5148.5	41.86	-12.14	54	34.73	31.72	8.95	33.54	318	110	A	V
	*	5222	101.46	-	-	94.25	31.77	8.98	33.54	318	110	P	V
	*	5222	94.32	-	-	87.11	31.77	8.98	33.54	318	110	A	V
		5368.04	48.49	-25.51	74	41.01	31.89	9.13	33.54	318	110	P	V
		5452.52	39.93	-14.07	54	32.3	31.96	9.22	33.55	318	110	A	V



802.11n HT20 CH 48 5240MHz		5146.85	57.14	-16.86	74	50.01	31.72	8.95	33.54	237	157	P	H
		5149.7	44.96	-9.04	54	37.83	31.72	8.95	33.54	237	157	A	H
	*	5243	114.6	-	-	107.35	31.8	8.99	33.54	237	157	P	H
	*	5243	106.05	-	-	98.8	31.8	8.99	33.54	237	157	A	H
		5361.66	50.24	-23.76	74	42.81	31.89	9.08	33.54	237	157	P	H
		5392.24	43.09	-10.91	54	35.6	31.91	9.13	33.55	237	157	A	H
		5006.9	49.08	-24.92	74	42.14	31.61	8.86	33.53	267	119	P	V
		5060.9	40.6	-13.4	54	33.59	31.65	8.89	33.53	267	119	A	V
	*	5236	98.99	-	-	91.76	31.79	8.98	33.54	267	119	P	V
	*	5236	92.81	-	-	85.58	31.79	8.98	33.54	267	119	A	V
		5353.74	48.87	-25.13	74	41.45	31.88	9.08	33.54	267	119	P	V
		5451.42	39.92	-14.08	54	32.29	31.96	9.22	33.55	267	119	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		10360	48.74	-25.26	74	29.85	39.94	13.09	34.14	150	0	P	H
		15540	47.52	-26.48	74	28.42	38.33	16.55	35.78	150	0	P	H
													H
													H
		10360	45.8	-28.2	74	26.91	39.94	13.09	34.14	150	0	P	V
		15540	47.77	-26.23	74	28.67	38.33	16.55	35.78	150	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	46.09	-27.91	74	27.1	40.02	13.11	34.14	150	0	P	H
		15660	49.13	-24.87	74	30.28	38.09	16.56	35.8	150	0	P	H
													H
													H
		10440	46.25	-27.75	74	27.26	40.02	13.11	34.14	150	0	P	V
		15660	46.8	-27.2	74	27.95	38.09	16.56	35.8	150	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	45.68	-28.32	74	26.63	40.08	13.11	34.14	150	0	P	H
		15720	47.44	-26.56	74	28.72	37.95	16.57	35.8	150	0	P	H
													H
													H
		10480	45.9	-28.1	74	26.85	40.08	13.11	34.14	150	0	P	V
		15720	46.59	-27.41	74	27.87	37.95	16.57	35.8	150	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		5144.6	59.81	-14.19	74	52.68	31.72	8.95	33.54	242	158	P	H
		5149.25	52.4	-1.6	54	45.27	31.72	8.95	33.54	242	158	A	H
	*	5190	102.98	-	-	95.8	31.75	8.97	33.54	242	158	P	H
	*	5190	96.1	-	-	88.92	31.75	8.97	33.54	242	158	A	H
		5356.16	49.94	-24.06	74	42.52	31.88	9.08	33.54	242	158	P	H
		5352.75	41.89	-12.11	54	34.47	31.88	9.08	33.54	242	158	A	H
		5147	51.09	-22.91	74	43.96	31.72	8.95	33.54	300	119	P	V
		5149.7	41.63	-12.37	54	34.5	31.72	8.95	33.54	300	119	A	V
	*	5176	91.41	-	-	84.23	31.75	8.97	33.54	300	119	P	V
	*	5176	83.39	-	-	76.21	31.75	8.97	33.54	300	119	A	V
		5411.16	47.92	-26.08	74	40.38	31.92	9.17	33.55	300	119	P	V
802.11n HT40 CH 46 5230MHz		5458.57	39.95	-14.05	54	32.32	31.96	9.22	33.55	300	119	A	V
		5146.55	62.68	-11.32	74	55.55	31.72	8.95	33.54	238	158	P	H
		5149.7	52.39	-1.61	54	45.26	31.72	8.95	33.54	238	158	A	H
	*	5239	108.15	-	-	100.92	31.79	8.98	33.54	238	158	P	H
	*	5239	101.1	-	-	93.87	31.79	8.98	33.54	238	158	A	H
		5357.81	53.37	-20.63	74	45.95	31.88	9.08	33.54	238	158	P	H
		5351.21	45.46	-8.54	54	38.04	31.88	9.08	33.54	238	158	A	H
		5126.3	49.86	-24.14	74	42.74	31.71	8.95	33.54	292	119	P	V
		5148.5	41.68	-12.32	54	34.55	31.72	8.95	33.54	292	119	A	V
	*	5230	94.63	-	-	87.4	31.79	8.98	33.54	292	119	P	V
	*	5230	87.45	-	-	80.22	31.79	8.98	33.54	292	119	A	V
Remark		5359.79	48.76	-25.24	74	41.34	31.88	9.08	33.54	292	119	P	V
		5364.63	39.9	-14.1	54	32.42	31.89	9.13	33.54	292	119	A	V
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	45.09	-28.91	74	26.18	39.96	13.09	34.14	150	0	P	H
		15570	44.53	-29.47	74	25.51	38.26	16.55	35.79	150	0	P	H
													H
													H
		10380	44.66	-29.34	74	25.75	39.96	13.09	34.14	150	0	P	V
		15570	44.31	-29.69	74	25.29	38.26	16.55	35.79	150	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10461	46.53	-27.47	74	27.5	40.06	13.11	34.14	150	0	P	H
		15690	43.97	-30.03	74	25.19	38.02	16.56	35.8	150	0	P	H
													H
													H
		10461	45.8	-28.2	74	26.77	40.06	13.11	34.14	150	0	P	V
		15690	43.42	-30.58	74	24.64	38.02	16.56	35.8	150	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		5106.05	51.75	-22.25	74	44.67	31.69	8.92	33.53	232	157	P	H
		5040.8	44.22	-9.78	54	37.25	31.64	8.86	33.53	232	157	A	H
	*	5257	112.64	-	-	105.39	31.8	8.99	33.54	232	157	P	H
	*	5257	106.24	-	-	98.99	31.8	8.99	33.54	232	157	A	H
		5352.31	56.43	-17.57	74	49.01	31.88	9.08	33.54	232	157	P	H
		5351.1	46.09	-7.91	54	38.67	31.88	9.08	33.54	232	157	A	H
		5033	49.91	-24.09	74	42.95	31.63	8.86	33.53	332	121	P	V
		5063.9	40.29	-13.71	54	33.28	31.65	8.89	33.53	332	121	A	V
	*	5254	99.66	-	-	92.41	31.8	8.99	33.54	332	121	P	V
	*	5254	92.4	-	-	85.15	31.8	8.99	33.54	332	121	A	V
		5415.34	48.18	-25.82	74	40.63	31.93	9.17	33.55	332	121	P	V
		5434.15	39.76	-14.24	54	32.19	31.95	9.17	33.55	332	121	A	V
802.11n HT20 CH 60 5300MHz		5135.45	51.74	-22.26	74	44.62	31.71	8.95	33.54	119	159	P	H
		5079.05	43.99	-10.01	54	36.96	31.67	8.89	33.53	119	159	A	H
	*	5303	111.32	-	-	103.98	31.84	9.04	33.54	119	159	P	H
	*	5303	106.3	-	-	98.96	31.84	9.04	33.54	119	159	P	H
		5352.64	63.09	-10.91	74	55.67	31.88	9.08	33.54	119	159	P	H
		5352.2	52.43	-1.57	54	45.01	31.88	9.08	33.54	119	159	A	H
		5006.6	49.86	-24.14	74	42.92	31.61	8.86	33.53	332	103	P	V
		5003.9	40.8	-13.2	54	33.86	31.61	8.86	33.53	332	103	A	V
	*	5304	103.23	-	-	95.89	31.84	9.04	33.54	332	103	P	V
	*	5304	97.4	-	-	90.06	31.84	9.04	33.54	332	103	A	V
		5350.55	56.67	-17.33	74	49.25	31.88	9.08	33.54	332	103	P	V
		5350	47.14	-6.86	54	39.72	31.88	9.08	33.54	332	103	A	V



802.11n HT20 CH 64 5320MHz	*	5318	109.29	-	-	101.94	31.85	9.04	33.54	239	156	P	H
	*	5318	102.68	-	-	95.33	31.85	9.04	33.54	239	156	A	H
		5350.33	65.53	-8.47	74	58.11	31.88	9.08	33.54	239	156	P	H
		5350.55	53.95	-0.05	54	46.53	31.88	9.08	33.54	239	156	A	H
													H
													H
	*	5318	98.02	-	-	90.67	31.85	9.04	33.54	279	113	P	V
	*	5318	91.35	-	-	84	31.85	9.04	33.54	279	113	A	V
		5356.82	53.93	-20.07	74	46.51	31.88	9.08	33.54	279	113	P	V
		5350.99	44.09	-9.91	54	36.67	31.88	9.08	33.54	279	113	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	47.11	-26.89	74	28	40.11	13.14	34.14	150	0	P	H
		15780	43.89	-30.11	74	25.28	37.85	16.57	35.81	150	0	P	H
													H
													H
		10521	45.48	-28.52	74	26.37	40.11	13.14	34.14	150	0	P	V
		15780	43.1	-30.9	74	24.49	37.85	16.57	35.81	150	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10599	45.26	-28.74	74	26.08	40.16	13.2	34.18	150	0	P	H
		15900	42.99	-31.01	74	24.62	37.61	16.58	35.82	150	0	P	H
													H
													H
		10599	45.76	-28.24	74	26.58	40.16	13.2	34.18	150	0	P	V
		15900	42.94	-31.06	74	24.57	37.61	16.58	35.82	150	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10641	45.9	-28.1	74	26.7	40.18	13.23	34.21	150	0	P	H
		15960	43.17	-30.83	74	24.94	37.47	16.59	35.83	150	0	P	H
													H
													H
		10641	45.82	-28.18	74	26.62	40.18	13.23	34.21	150	0	P	V
		15960	42.79	-31.21	74	24.56	37.47	16.59	35.83	150	0	P	V
													V
													V
Remark	3. No other spurious found. 4. 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		5116.55	56.27	-17.73	74	49.19	31.69	8.92	33.53	126	152	P	H
		5149.7	46.17	-7.83	54	39.04	31.72	8.95	33.54	126	152	A	H
	*	5270	107.83	-	-	100.57	31.81	8.99	33.54	126	152	P	H
	*	5270	100.93	-	-	93.67	31.81	8.99	33.54	126	152	A	H
		5352.2	65.22	-8.78	74	57.8	31.88	9.08	33.54	126	152	P	H
		5350.77	53.13	-0.87	54	45.71	31.88	9.08	33.54	126	152	A	H
		5140.25	49.23	-24.77	74	42.1	31.72	8.95	33.54	343	99	P	V
		5149.7	41.04	-12.96	54	33.91	31.72	8.95	33.54	343	99	A	V
	*	5270	99.93	-	-	92.68	31.8	8.99	33.54	343	99	P	V
	*	5270	92.01	-	-	84.75	31.81	8.99	33.54	343	99	A	V
		5357.15	56.32	-17.68	74	48.9	31.88	9.08	33.54	343	99	P	V
		5350	44.79	-9.21	54	37.37	31.88	9.08	33.54	343	99	A	V
802.11n HT40 CH 62 5310MHz		5070.5	51.37	-22.63	74	44.36	31.65	8.89	33.53	101	156	P	H
		5149.85	43.29	-10.71	54	36.16	31.72	8.95	33.54	101	156	A	H
	*	5310	104.09	-	-	96.75	31.84	9.04	33.54	101	156	P	H
	*	5310	98.75	-	-	91.4	31.85	9.04	33.54	101	156	A	H
		5350.99	61.58	-12.42	74	54.16	31.88	9.08	33.54	101	156	P	H
		5353.19	53.18	-0.82	54	45.76	31.88	9.08	33.54	101	156	A	H
		5120.75	49.07	-24.93	74	42	31.69	8.92	33.54	321	99	P	V
		5121.2	40.42	-13.58	54	33.35	31.69	8.92	33.54	321	99	A	V
	*	5310	94.6	-	-	87.26	31.84	9.04	33.54	321	99	P	V
	*	5310	86.96	-	-	79.61	31.85	9.04	33.54	321	99	A	V
		5354.18	54.76	-19.24	74	47.34	31.88	9.08	33.54	321	99	P	V
		5350.11	43.3	-10.7	54	35.88	31.88	9.08	33.54	321	99	A	V
Remark	3. No other spurious found. 4. 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		10539	46.15	-27.85	74	27.04	40.12	13.14	34.15	150	0	P	H
		15810	43.53	-30.47	74	24.99	37.78	16.57	35.81	150	0	P	H
													H
													H
		10539	45.73	-28.27	74	26.62	40.12	13.14	34.15	150	0	P	V
		15810	43.51	-30.49	74	24.97	37.78	16.57	35.81	150	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	46.19	-27.81	74	27.01	40.17	13.2	34.19	150	0	P	H
		15930	42.59	-31.41	74	24.29	37.54	16.58	35.82	150	0	P	H
													H
													H
		10620	46.37	-27.63	74	27.19	40.17	13.2	34.19	150	0	P	V
		15930	42.75	-31.25	74	24.45	37.54	16.58	35.82	150	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		5468.08	60.88	-13.12	74	53.24	31.97	9.22	33.55	227	157	P	H
		5469.84	53.65	-0.35	54	46.01	31.97	9.22	33.55	227	157	A	H
	*	5502	110.4	-	-	102.7	32	9.26	33.56	227	157	P	H
	*	5502	103.95	-	-	96.25	32	9.26	33.56	227	157	A	H
													H
													H
		5467.92	52.56	-21.44	74	44.92	31.97	9.22	33.55	280	109	P	V
		5470	45.27	-8.73	54	37.63	31.97	9.22	33.55	280	109	A	V
	*	5498	100.41	-	-	92.7	32	9.26	33.55	280	109	P	V
	*	5498	93.9	-	-	86.19	32	9.26	33.55	280	109	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5438.64	53.04	-20.96	74	45.47	31.95	9.17	33.55	227	177	P	H
		5464.08	43.98	-10.02	54	36.34	31.97	9.22	33.55	227	177	A	H
	*	5582	113.5	-	-	105.65	32.12	9.32	33.59	227	177	P	H
	*	5582	107.5	-	-	99.65	32.12	9.32	33.59	227	177	A	H
		5729.08	52.28	-21.72	74	44.17	32.31	9.44	33.64	227	177	P	H
		5725.56	43.12	-10.88	54	35.01	32.31	9.44	33.64	227	177	A	H
		5448.56	50.22	-23.78	74	42.59	31.96	9.22	33.55	281	104	P	V
		5467.44	40.54	-13.46	54	32.9	31.97	9.22	33.55	281	104	A	V
	*	5580	105.26	-	-	97.43	32.1	9.32	33.59	281	104	P	V
	*	5580	98.24	-	-	90.41	32.1	9.32	33.59	281	104	A	V
		5736.44	49.17	-24.83	74	41.04	32.34	9.44	33.65	281	104	P	V
		5751.72	40.74	-13.26	54	32.59	32.36	9.44	33.65	281	104	A	V



802.11n HT20 CH 140 5700MHz	*	5699	107.56	-	-	99.53	32.27	9.39	33.63	212	149	P	H
	*	5699	100.83	-	-	92.8	32.27	9.39	33.63	212	149	A	H
		5725.96	60.6	-13.4	74	52.49	32.31	9.44	33.64	212	149	P	H
		5725.16	52.31	-1.69	54	44.2	32.31	9.44	33.64	212	149	A	H
													H
													H
	*	5702	97.71	-	-	89.66	32.29	9.39	33.63	320	91	P	V
	*	5702	91.37	-	-	83.32	32.29	9.39	33.63	320	91	A	V
		5727.08	53.85	-20.15	74	45.74	32.31	9.44	33.64	320	91	P	V
		5726.2	44.41	-9.59	54	36.3	32.31	9.44	33.64	320	91	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	46.35	-27.65	74	26.86	40.4	13.48	34.39	150	0	P	H
		16500	45.91	-28.09	74	26.01	39	16.81	35.91	150	0	P	H
													H
													H
		11001	47.58	-26.42	74	28.09	40.4	13.48	34.39	150	0	P	V
		16500	45.51	-28.49	74	25.61	39	16.81	35.91	150	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	44.55	-29.45	74	25.13	40.27	13.64	34.49	150	0	P	H
		16740	46.51	-27.49	74	25.73	39.92	16.8	35.94	150	0	P	H
													H
													H
		11160	44.55	-29.45	74	25.13	40.27	13.64	34.49	150	0	P	V
		16740	46.34	-27.66	74	25.56	39.92	16.8	35.94	150	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	45.88	-28.12	74	26.59	40.08	13.87	34.66	150	0	P	H
		17100	50.46	-23.54	74	28.46	41.12	16.85	35.97	150	0	P	H
													H
													H
		11400	45.63	-28.37	74	26.34	40.08	13.87	34.66	150	0	P	V
		17100	50.36	-23.64	74	28.36	41.12	16.85	35.97	150	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		5468.56	61.85	-12.15	74	54.21	31.97	9.22	33.55	100	180	P	H
		5469.52	53.64	-0.36	54	46	31.97	9.22	33.55	100	180	A	H
	*	5508	105.82	-	-	98.12	32	9.26	33.56	100	180	P	H
	*	5508	98.25	-	-	90.55	32	9.26	33.56	100	180	A	H
		5748.04	50.41	-23.59	74	42.28	32.34	9.44	33.65	100	180	P	H
		5749.48	41.67	-12.33	54	33.54	32.34	9.44	33.65	100	180	A	H
		5466.64	54.74	-19.26	74	47.1	31.97	9.22	33.55	313	99	P	V
		5469.84	45.12	-8.88	54	37.48	31.97	9.22	33.55	313	99	A	V
	*	5510	96.77	-	-	89.05	32.02	9.26	33.56	313	99	P	V
	*	5510	89.73	-	-	82.03	32	9.26	33.56	313	99	A	V
		5749	48.6	-25.4	74	40.47	32.34	9.44	33.65	313	99	P	V
		5725.48	40.28	-13.72	54	32.17	32.31	9.44	33.64	313	99	A	V
802.11n HT40 CH 110 5550MHz		5460.56	60.89	-13.11	74	53.26	31.96	9.22	33.55	117	182	P	H
		5469.84	52.7	-1.3	54	45.06	31.97	9.22	33.55	117	182	A	H
	*	5550	110.51	-	-	102.74	32.05	9.29	33.57	117	182	P	H
	*	5550	104.52	-	-	96.73	32.07	9.29	33.57	117	182	A	H
		5746.44	52.45	-21.55	74	44.32	32.34	9.44	33.65	117	182	P	H
		5734.6	42.76	-11.24	54	34.63	32.34	9.44	33.65	117	182	A	H
		5457.2	49.87	-24.13	74	42.24	31.96	9.22	33.55	353	132	P	V
		5469.2	41.59	-12.41	54	33.95	31.97	9.22	33.55	353	132	A	V
	*	5550	100.62	-	-	92.85	32.05	9.29	33.57	353	132	P	V
	*	5550	93.25	-	-	85.48	32.05	9.29	33.57	353	132	A	V
		5753.72	49.86	-24.14	74	41.71	32.36	9.44	33.65	353	132	P	V
		5748.52	40.68	-13.32	54	32.55	32.34	9.44	33.65	353	132	A	V



802.11n HT40 CH 134 5670MHz		5469.04	50.58	-23.42	74	42.94	31.97	9.22	33.55	110	180	P	H
		5460.08	43.35	-10.65	54	35.72	31.96	9.22	33.55	110	180	A	H
	*	5670	106.74	-	-	98.79	32.22	9.35	33.62	110	180	P	H
	*	5670	98.5	-	-	90.53	32.24	9.35	33.62	110	180	A	H
		5729.08	60.86	-13.14	74	52.75	32.31	9.44	33.64	110	180	P	H
		5727.64	52.78	-1.22	54	44.67	32.31	9.44	33.64	110	180	P	H
		5456.56	48.33	-25.67	74	40.7	31.96	9.22	33.55	259	95	P	V
		5463.12	40.15	-13.85	54	32.51	31.97	9.22	33.55	259	95	A	V
	*	5674	97.67	-	-	89.7	32.24	9.35	33.62	259	95	P	V
	*	5674	90.47	-	-	82.5	32.24	9.35	33.62	259	95	A	V
		5734.52	52.24	-21.76	74	44.11	32.34	9.44	33.65	259	95	P	V
		5727.24	43.69	-10.31	54	35.58	32.31	9.44	33.64	259	95	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	46.1	-27.9	74	26.64	40.39	13.48	34.41	150	0	P	H
		16530	45.43	-28.57	74	25.4	39.13	16.81	35.91	150	0	P	H
													H
													H
		11019	46.67	-27.33	74	27.21	40.39	13.48	34.41	150	0	P	V
		16530	44.9	-29.1	74	24.87	39.13	16.81	35.91	150	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	46.55	-27.45	74	27.13	40.32	13.56	34.46	150	0	P	H
		16650	46.05	-27.95	74	25.59	39.59	16.8	35.93	150	0	P	H
													H
													H
		11100	46.31	-27.69	74	26.89	40.32	13.56	34.46	150	0	P	V
		16650	46.47	-27.53	74	26.01	39.59	16.8	35.93	150	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	45.1	-28.9	74	25.79	40.13	13.79	34.61	150	0	P	H
		17010	47.7	-26.3	74	25.93	40.94	16.8	35.97	150	0	P	H
													H
													H
		11340	44.84	-29.16	74	25.53	40.13	13.79	34.61	150	0	P	V
		17010	47.27	-26.73	74	25.5	40.94	16.8	35.97	150	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 HT20

(LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 LF		99.93	15.17	-28.33	43.5	35.58	10.09	1.28	31.78			P	H
		167.16	15.53	-27.97	43.5	36.7	8.97	1.64	31.78			P	H
		200.1	19.78	-23.72	43.5	41.32	8.6	1.64	31.78			P	H
		521.2	18.33	-27.67	46	29.99	17.62	2.64	31.92			P	H
		731.9	22.64	-23.36	46	31.59	19.8	3.25	32			P	H
		942.6	23.74	-22.26	46	30.62	20.53	3.68	31.09	171	184	P	H
													H
													H
													H
													H
													H
		113.97	16.59	-26.91	43.5	35.79	11.3	1.28	31.78			P	V
		181.47	14.89	-28.61	43.5	36.72	8.31	1.64	31.78			P	V
		226.83	15.43	-30.57	46	36.42	8.99	1.79	31.77			P	V
		488.3	18.34	-27.66	46	30.3	17.28	2.64	31.88			P	V
		561.8	21.27	-24.73	46	31.98	18.5	2.77	31.98			P	V
		896.4	23.04	-22.96	46	30.84	20.1	3.55	31.45	188	165	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 CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		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”.