



Appendix A. Radiated Spurious Emission

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

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	56.39	-17.61	74	46.78	35.18	6.72	32.29	115	30	P	H
		5150	43.59	-10.41	54	33.98	35.18	6.72	32.29	115	30	A	H
	*	5182	103.34	-	-	93.67	35.22	6.73	32.28	115	30	P	H
	*	5182	93.68	-	-	84.01	35.22	6.73	32.28	115	30	A	H
													H
													H
		5149.1	58.48	-15.52	74	48.87	35.18	6.72	32.29	100	336	P	V
		5150	44.06	-9.94	54	34.45	35.18	6.72	32.29	100	336	A	V
	*	5178	104.06	-	-	94.39	35.22	6.73	32.28	100	336	P	V
	*	5178	93.92	-	-	84.25	35.22	6.73	32.28	100	336	A	V
													V
													V
802.11a CH 44 5220MHz		5097.05	52.07	-21.93	74	42.56	35.12	6.69	32.3	100	29	P	H
		5148.8	41.79	-12.21	54	32.18	35.18	6.72	32.29	100	29	A	H
	*	5218	103.52	-	-	93.77	35.26	6.76	32.27	100	29	P	H
	*	5218	93.42	-	-	83.67	35.26	6.76	32.27	100	29	A	H
		5434.92	52.05	-21.95	74	41.82	35.52	6.92	32.21	100	29	P	H
		5449.11	42.28	-11.72	54	32.02	35.54	6.92	32.2	100	29	A	H
		5096.45	52.49	-21.51	74	42.98	35.12	6.69	32.3	109	335	P	V
		5149.7	41.88	-12.12	54	32.27	35.18	6.72	32.29	109	335	A	V
	*	5222	104.33	-	-	94.58	35.26	6.76	32.27	109	335	P	V
	*	5222	94.3	-	-	84.55	35.26	6.76	32.27	109	335	A	V
		5395.87	52.99	-21.01	74	42.85	35.48	6.88	32.22	109	335	P	V
		5450.32	42.3	-11.7	54	32.04	35.54	6.92	32.2	109	335	A	V



802.11a CH 48 5240MHz		5055.2	51.7	-22.3	74	42.26	35.08	6.67	32.31	103	29	P	H
		5142.95	41.78	-12.22	54	32.17	35.18	6.72	32.29	103	29	A	H
	*	5236	103.67	-	-	93.89	35.28	6.76	32.26	103	29	P	H
	*	5236	96.43	-	-	86.65	35.28	6.76	32.26	103	29	A	H
		5460	52.31	-21.69	74	42.03	35.54	6.94	32.2	103	29	P	H
		5418.09	42.31	-11.69	54	32.12	35.5	6.9	32.21	103	29	A	H
		5068.25	52.17	-21.83	74	42.72	35.08	6.68	32.31	100	344	P	V
		5149.1	41.84	-12.16	54	32.23	35.18	6.72	32.29	100	344	A	V
	*	5238	103.59	-	-	93.8	35.28	6.77	32.26	100	344	P	V
	*	5238	93.73	-	-	83.94	35.28	6.77	32.26	100	344	A	V
		5438.55	52.19	-21.81	74	41.96	35.52	6.92	32.21	100	344	P	V
		5448.23	42.28	-11.72	54	32.02	35.54	6.92	32.2	100	344	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	46.42	-27.58	74	55.6	38.2	9.8	57.18	100	0	P	H
		15540	45.72	-28.28	74	51.54	40.64	11.81	58.27	100	0	P	H
													H
													H
		10360	52.99	-21.01	74	62.17	38.2	9.8	57.18	100	0	P	V
		15540	45.57	-28.43	74	51.39	40.64	11.81	58.27	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10438	47.2	-26.8	74	56.32	38.2	9.82	57.14	100	0	P	H
		15660	44.81	-29.19	74	50.4	40.79	11.8	58.18	100	0	P	H
													H
													H
		10442	50.99	-23.01	74	60.11	38.2	9.82	57.14	100	0	P	V
		15660	45.56	-28.44	74	51.15	40.79	11.8	58.18	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10482	46.23	-27.77	74	55.3	38.2	9.84	57.11	100	0	P	H
		15720	45.88	-28.12	74	51.33	40.87	11.8	58.12	100	0	P	H
													H
													H
		10479	50.2	-23.8	74	59.27	38.2	9.84	57.11	100	0	P	V
		15720	45.22	-28.78	74	50.67	40.87	11.8	58.12	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5147.9	55.24	-18.76	74	45.63	35.18	6.72	32.29	105	30	P	H
		5149.85	43.23	-10.77	54	33.62	35.18	6.72	32.29	105	30	A	H
	*	5182	101.78	-	-	92.11	35.22	6.73	32.28	105	30	P	H
	*	5182	91.25	-	-	81.58	35.22	6.73	32.28	105	30	A	H
													H
													H
		5149.7	54.82	-19.18	74	45.21	35.18	6.72	32.29	100	336	P	V
		5128.1	43.76	-10.24	54	34.18	35.16	6.71	32.29	100	336	A	V
	*	5179	101.9	-	-	92.23	35.22	6.73	32.28	100	336	P	V
	*	5179	91.94	-	-	82.27	35.22	6.73	32.28	100	336	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5055.35	52.41	-21.59	74	42.97	35.08	6.67	32.31	103	31	P	H
		5147.3	42.08	-11.92	54	32.47	35.18	6.72	32.29	103	31	A	H
	*	5222	101.24	-	-	91.49	35.26	6.76	32.27	103	31	P	H
	*	5222	90.92	-	-	81.17	35.26	6.76	32.27	103	31	A	H
		5384.87	52.37	-21.63	74	42.25	35.46	6.88	32.22	103	31	P	H
		5398.73	42.56	-11.44	54	32.42	35.48	6.88	32.22	103	31	A	H
		5091.8	52.17	-21.83	74	42.67	35.12	6.68	32.3	120	335	P	V
		5143.25	42.14	-11.86	54	32.53	35.18	6.72	32.29	120	335	A	V
	*	5222	101.67	-	-	91.92	35.26	6.76	32.27	120	335	P	V
	*	5222	91.39	-	-	81.64	35.26	6.76	32.27	120	335	A	V
		5374.53	52.74	-21.26	74	42.68	35.44	6.85	32.23	120	335	P	V
		5419.52	42.53	-11.47	54	32.34	35.5	6.9	32.21	120	335	A	V



802.11n HT20 CH 48 5240MHz		5129.6	52.28	-21.72	74	42.7	35.16	6.71	32.29	102	24	P	H
		5127.8	42.03	-11.97	54	32.45	35.16	6.71	32.29	102	24	A	H
	*	5242	101	-	-	91.19	35.3	6.77	32.26	102	24	P	H
	*	5242	90.6	-	-	80.79	35.3	6.77	32.26	102	24	A	H
		5406.76	52.7	-21.3	74	42.54	35.48	6.9	32.22	102	24	P	H
		5426.89	42.48	-11.52	54	32.29	35.5	6.9	32.21	102	24	A	H
		5111.9	51.93	-22.07	74	42.4	35.14	6.69	32.3	121	335	P	V
		5142.65	42.03	-11.97	54	32.42	35.18	6.72	32.29	121	335	A	V
	*	5238	102.2	-	-	92.41	35.28	6.77	32.26	121	335	P	V
	*	5238	92.22	-	-	82.43	35.28	6.77	32.26	121	335	A	V
		5448.56	52.6	-21.4	74	42.34	35.54	6.92	32.2	121	335	P	V
		5405.88	42.6	-11.4	54	32.44	35.48	6.9	32.22	121	335	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	46.07	-27.93	74	55.25	38.2	9.8	57.18	100	0	P	H
		15540	45.36	-28.64	74	51.18	40.64	11.81	58.27	100	0	P	H
													H
													H
		10360	49.81	-24.19	74	58.99	38.2	9.8	57.18	100	0	P	V
		15540	46.36	-27.64	74	52.18	40.64	11.81	58.27	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	44.76	-29.24	74	53.88	38.2	9.82	57.14	100	0	P	H
		15660	45.05	-28.95	74	50.64	40.79	11.8	58.18	100	0	P	H
													H
													H
		10442	49.43	-24.57	74	58.55	38.2	9.82	57.14	100	0	P	V
		15660	45.28	-28.72	74	50.87	40.79	11.8	58.18	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	44.32	-29.68	74	53.39	38.2	9.84	57.11	100	0	P	H
		15720	45.84	-28.16	74	51.29	40.87	11.8	58.12	100	0	P	H
													H
													H
		10480	48.9	-25.1	74	57.97	38.2	9.84	57.11	100	0	P	V
		15720	45.54	-28.46	74	50.99	40.87	11.8	58.12	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5148.2	58.49	-15.51	74	48.88	35.18	6.72	32.29	104	36	P	H
		5149.1	45.77	-8.23	54	36.16	35.18	6.72	32.29	104	36	A	H
	*	5192	98.13	-	-	88.41	35.24	6.75	32.27	104	36	P	H
	*	5192	88.31	-	-	78.59	35.24	6.75	32.27	104	36	A	H
		5385.09	52.53	-21.47	74	42.41	35.46	6.88	32.22	104	36	P	H
		5446.58	42.55	-11.45	54	32.29	35.54	6.92	32.2	104	36	A	H
		5149.25	61.51	-12.49	74	51.9	35.18	6.72	32.29	100	335	P	V
		5150	47.8	-6.2	54	38.19	35.18	6.72	32.29	100	335	A	V
	*	5188	99.8	-	-	90.13	35.22	6.73	32.28	100	335	P	V
	*	5188	89.76	-	-	80.09	35.22	6.73	32.28	100	335	A	V
		5413.69	52.28	-21.72	74	42.09	35.5	6.9	32.21	100	335	P	V
		5456.48	42.64	-11.36	54	32.36	35.54	6.94	32.2	100	335	A	V
802.11n HT40 CH 46 5230MHz		5141.9	52.2	-21.8	74	42.59	35.18	6.72	32.29	104	23	P	H
		5127.05	42.37	-11.63	54	32.79	35.16	6.71	32.29	104	23	A	H
	*	5228	97.79	-	-	88.01	35.28	6.76	32.26	104	23	P	H
	*	5228	87.65	-	-	77.87	35.28	6.76	32.26	104	23	A	H
		5400.49	52.29	-21.71	74	42.15	35.48	6.88	32.22	104	23	P	H
		5439.98	42.64	-11.36	54	32.41	35.52	6.92	32.21	104	23	A	H
		5061.2	52.12	-21.88	74	42.68	35.08	6.67	32.31	100	343	P	V
		5126.45	42.39	-11.61	54	32.81	35.16	6.71	32.29	100	343	A	V
	*	5232	97.28	-	-	87.5	35.28	6.76	32.26	100	343	P	V
	*	5232	87.62	-	-	77.84	35.28	6.76	32.26	100	343	A	V
		5422.6	52.15	-21.85	74	41.96	35.5	6.9	32.21	100	343	P	V
		5439.43	42.58	-11.42	54	32.35	35.52	6.92	32.21	100	343	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	43.74	-30.26	74	52.9	38.2	9.81	57.17	100	0	P	H
		15570	44.85	-29.15	74	50.6	40.68	11.81	58.24	100	0	P	H
													H
													H
		10380	47.83	-26.17	74	56.99	38.2	9.81	57.17	100	0	P	V
		15570	45.6	-28.4	74	51.35	40.68	11.81	58.24	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	44.74	-29.26	74	53.84	38.2	9.83	57.13	100	0	P	H
		15690	44.93	-29.07	74	50.45	40.83	11.8	58.15	100	0	P	H
													H
													H
		10460	46.51	-27.49	74	55.61	38.2	9.83	57.13	100	0	P	V
		15690	46.22	-27.78	74	51.74	40.83	11.8	58.15	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 1 5150~5250MHz

WIFI 802.11ac VHT80 (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)
802.11ac VHT80 CH 42 5210MHz		5133.95	56.19	-17.81	74	46.61	35.16	6.71	32.29	104	30	P	H
		5142.2	44.07	-9.93	54	34.46	35.18	6.72	32.29	104	30	A	H
	*	5212	92.52	-	-	82.77	35.26	6.76	32.27	104	30	P	H
	*	5212	83.18	-	-	73.43	35.26	6.76	32.27	104	30	A	H
		5441.96	52.49	-21.51	74	42.26	35.52	6.92	32.21	104	30	P	H
		5428.1	42.85	-11.15	54	32.64	35.5	6.92	32.21	104	30	A	H
		5133.95	58.64	-15.36	74	49.06	35.16	6.71	32.29	109	337	P	V
		5147.45	44.85	-9.15	54	35.24	35.18	6.72	32.29	109	337	A	V
	*	5208	93.32	-	-	83.58	35.26	6.75	32.27	109	337	P	V
	*	5208	84.41	-	-	74.67	35.26	6.75	32.27	109	337	A	V
		5452.63	53.07	-20.93	74	42.79	35.54	6.94	32.2	109	337	P	V
		5378.38	42.84	-11.16	54	32.75	35.46	6.85	32.22	109	337	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 802.11ac VHT80 (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)
802.11ac VHT80 CH 42 5210MHz		10420	43.63	-30.37	74	52.76	38.2	9.82	57.15	100	0	P	H
		15630	44.45	-29.55	74	50.07	40.77	11.8	58.19	100	0	P	H
													H
													H
		10420	46.52	-27.48	74	55.65	38.2	9.82	57.15	100	0	P	V
		15630	44.41	-29.59	74	50.03	40.77	11.8	58.19	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		5142.8	53.57	-20.43	74	43.96	35.18	6.72	32.29	101	30	P	H
		5138	41.78	-12.22	54	32.2	35.16	6.71	32.29	101	30	A	H
	*	5262	102.79	-	-	92.94	35.32	6.79	32.26	101	30	P	H
	*	5262	92.08	-	-	82.23	35.32	6.79	32.26	101	30	A	H
		5394.99	53.11	-20.89	74	42.97	35.48	6.88	32.22	101	30	P	H
		5438	42.3	-11.7	54	32.07	35.52	6.92	32.21	101	30	A	H
		5084	52.13	-21.87	74	42.66	35.1	6.68	32.31	109	338	P	V
		5140.1	41.84	-12.16	54	32.23	35.18	6.72	32.29	109	338	A	V
	*	5260	103.78	-	-	93.93	35.32	6.79	32.26	109	338	P	V
	*	5260	93.57	-	-	83.72	35.32	6.79	32.26	109	338	A	V
		5382.23	52.6	-21.4	74	42.48	35.46	6.88	32.22	109	338	P	V
		5443.83	42.31	-11.69	54	32.08	35.52	6.92	32.21	109	338	A	V
802.11a CH 60 5300MHz		5118.35	52.41	-21.59	74	42.86	35.14	6.71	32.3	101	36	P	H
		5150	41.81	-12.19	54	32.2	35.18	6.72	32.29	101	36	A	H
	*	5300	103.28	-	-	93.37	35.36	6.8	32.25	101	36	P	H
	*	5300	93.5	-	-	83.59	35.36	6.8	32.25	101	36	A	H
		5352.2	53.06	-20.94	74	43.04	35.42	6.83	32.23	101	36	P	H
		5352.31	43.27	-10.73	54	33.25	35.42	6.83	32.23	101	36	A	H
		5045	53.31	-20.69	74	43.9	35.06	6.67	32.32	106	338	P	V
		5103.2	41.8	-12.2	54	32.29	35.12	6.69	32.3	106	338	A	V
	*	5300	105.14	-	-	95.23	35.36	6.8	32.25	106	338	P	V
	*	5300	94.76	-	-	84.85	35.36	6.8	32.25	106	338	A	V
		5352.2	55.56	-18.44	74	45.54	35.42	6.83	32.23	106	338	P	V
		5352.53	44.48	-9.52	54	34.46	35.42	6.83	32.23	106	338	A	V



802.11a CH 64 5320MHz	*	5320	103.45	-	-	93.5	35.38	6.81	32.24	100	29	P	H
	*	5320	93.8	-	-	83.85	35.38	6.81	32.24	100	29	A	H
		5350.55	58.12	-15.88	74	48.1	35.42	6.83	32.23	100	29	P	H
		5350.22	44.3	-9.7	54	34.28	35.42	6.83	32.23	100	29	A	H
													H
													H
	*	5320	104.33	-	-	94.38	35.38	6.81	32.24	118	338	P	V
	*	5320	94.47	-	-	84.52	35.38	6.81	32.24	118	338	A	V
		5351.76	59.86	-14.14	74	49.84	35.42	6.83	32.23	118	338	P	V
		5350.33	44.96	-9.04	54	34.94	35.42	6.83	32.23	118	338	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	43.9	-30.1	74	52.93	38.21	9.86	57.1	100	0	P	H
		15780	44.45	-29.55	74	49.8	40.93	11.8	58.08	100	0	P	H
													H
													H
		10520	49.48	-24.52	74	58.51	38.21	9.86	57.1	100	0	P	V
		15780	43.95	-30.05	74	49.3	40.93	11.8	58.08	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	43.72	-30.28	74	52.68	38.28	9.88	57.12	100	0	P	H
		15900	45.11	-28.89	74	50.24	41.08	11.77	57.98	100	0	P	H
													H
													H
		10600	50.73	-23.27	74	59.69	38.28	9.88	57.12	100	0	P	V
		15900	46.26	-27.74	74	51.39	41.08	11.77	57.98	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	43.84	-30.16	74	52.76	38.31	9.9	57.13	100	0	P	H
		15960	45.48	-28.52	74	50.49	41.16	11.76	57.93	100	0	P	H
													H
													H
		10640	50.1	-23.9	74	59.02	38.31	9.9	57.13	100	0	P	V
		15960	44.65	-29.35	74	49.66	41.16	11.76	57.93	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5049.35	52.2	-21.8	74	42.79	35.06	6.67	32.32	103	29	P	H
		5120	42.03	-11.97	54	32.48	35.14	6.71	32.3	103	29	A	H
	*	5262	100.92	-	-	91.07	35.32	6.79	32.26	103	29	P	H
	*	5262	91.22	-	-	81.37	35.32	6.79	32.26	103	29	A	H
		5453.07	53.33	-20.67	74	43.05	35.54	6.94	32.2	103	29	P	H
		5429.42	42.56	-11.44	54	32.33	35.52	6.92	32.21	103	29	A	H
		5073.35	52.18	-21.82	74	42.71	35.1	6.68	32.31	107	335	P	V
		5137.55	42.03	-11.97	54	32.45	35.16	6.71	32.29	107	335	A	V
	*	5262	103.08	-	-	93.23	35.32	6.79	32.26	107	335	P	V
	*	5262	92.47	-	-	82.62	35.32	6.79	32.26	107	335	A	V
		5384.65	52.87	-21.13	74	42.75	35.46	6.88	32.22	107	335	P	V
		5359.79	42.56	-11.44	54	32.52	35.42	6.85	32.23	107	335	A	V
802.11n HT20 CH 60 5300MHz		5110.25	51.69	-22.31	74	42.16	35.14	6.69	32.3	101	37	P	H
		5126.6	41.97	-12.03	54	32.39	35.16	6.71	32.29	101	37	A	H
	*	5298	101.16	-	-	91.25	35.36	6.8	32.25	101	37	P	H
	*	5298	91.32	-	-	81.41	35.36	6.8	32.25	101	37	A	H
		5351.21	52.86	-21.14	74	42.84	35.42	6.83	32.23	101	37	P	H
		5351.87	43.33	-10.67	54	33.31	35.42	6.83	32.23	101	37	A	H
		5138.6	51.56	-22.44	74	41.98	35.16	6.71	32.29	107	336	P	V
		5145.35	42.06	-11.94	54	32.45	35.18	6.72	32.29	107	336	A	V
	*	5302	103.1	-	-	93.19	35.36	6.8	32.25	107	336	P	V
	*	5302	93.39	-	-	83.48	35.36	6.8	32.25	107	336	A	V
		5352.09	53.88	-20.12	74	43.86	35.42	6.83	32.23	107	336	P	V
		5351.87	44.55	-9.45	54	34.53	35.42	6.83	32.23	107	336	A	V



802.11n HT20 CH 64 5320MHz	*	5322	100.99	-	-	91.04	35.38	6.81	32.24	100	28	P	H
	*	5322	91.44	-	-	81.49	35.38	6.81	32.24	100	28	A	H
		5350.66	54.82	-19.18	74	44.8	35.42	6.83	32.23	100	28	P	H
		5372.44	43.58	-10.42	54	33.52	35.44	6.85	32.23	100	28	A	H
													H
													H
	*	5322	101.45	-	-	91.5	35.38	6.81	32.24	129	329	P	V
	*	5322	92.42	-	-	82.47	35.38	6.81	32.24	129	329	A	V
		5352.31	55.86	-18.14	74	45.84	35.42	6.83	32.23	129	329	P	V
		5350.11	44.19	-9.81	54	34.17	35.42	6.83	32.23	129	329	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		10520	43.06	-30.94	74	52.09	38.21	9.86	57.1	100	0	P	H
		15780	44.91	-29.09	74	50.26	40.93	11.8	58.08	100	0	P	H
													H
													H
		10520	47.29	-26.71	74	56.32	38.21	9.86	57.1	100	0	P	V
		15780	44.52	-29.48	74	49.87	40.93	11.8	58.08	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	43.76	-30.24	74	52.72	38.28	9.88	57.12	100	0	P	H
		15900	45.24	-28.76	74	50.37	41.08	11.77	57.98	100	0	P	H
													H
													H
		10600	45.9	-28.1	74	54.86	38.28	9.88	57.12	100	0	P	V
		15900	45.75	-28.25	74	50.88	41.08	11.77	57.98	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	43.02	-30.98	74	51.94	38.31	9.9	57.13	100	0	P	H
		15960	44.4	-29.6	74	49.41	41.16	11.76	57.93	100	0	P	H
													H
													H
		10642	48.32	-25.68	74	57.24	38.31	9.9	57.13	100	0	P	V
		15960	44.61	-29.39	74	49.62	41.16	11.76	57.93	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5144.9	52.13	-21.87	74	42.52	35.18	6.72	32.29	102	29	P	H
		5100.65	42.08	-11.92	54	32.57	35.12	6.69	32.3	102	29	A	H
	*	5268	97.86	-	-	88.01	35.32	6.79	32.26	102	29	P	H
	*	5268	88.38	-	-	78.53	35.32	6.79	32.26	102	29	A	H
		5452.74	52.37	-21.63	74	42.09	35.54	6.94	32.2	102	29	P	H
		5374.64	42.74	-11.26	54	32.68	35.44	6.85	32.23	102	29	A	H
		5116.55	52.1	-21.9	74	42.55	35.14	6.71	32.3	107	337	P	V
		5145.5	42.07	-11.93	54	32.46	35.18	6.72	32.29	107	337	A	V
	*	5272	99.3	-	-	89.45	35.32	6.79	32.26	107	337	P	V
	*	5272	89.59	-	-	79.74	35.32	6.79	32.26	107	337	A	V
		5358.25	53.06	-20.94	74	43.02	35.42	6.85	32.23	107	337	P	V
		5374.64	42.95	-11.05	54	32.89	35.44	6.85	32.23	107	337	A	V
802.11n HT40 CH 62 5310MHz		5126.75	52.63	-21.37	74	43.05	35.16	6.71	32.29	100	24	P	H
		5095.55	42.04	-11.96	54	32.53	35.12	6.69	32.3	100	24	A	H
	*	5308	97.22	-	-	87.3	35.36	6.81	32.25	100	24	P	H
	*	5308	87.13	-	-	77.21	35.36	6.81	32.25	100	24	A	H
		5352.09	57.69	-16.31	74	47.67	35.42	6.83	32.23	100	24	P	H
		5350	45.4	-8.6	54	35.38	35.42	6.83	32.23	100	24	A	H
		5036.75	51.99	-22.01	74	42.62	35.04	6.65	32.32	106	336	P	V
		5144.75	42.03	-11.97	54	32.42	35.18	6.72	32.29	106	336	A	V
	*	5308	99.63	-	-	89.71	35.36	6.81	32.25	106	336	P	V
	*	5308	89.76	-	-	79.84	35.36	6.81	32.25	106	336	A	V
		5352.64	61.3	-12.7	74	51.28	35.42	6.83	32.23	106	336	P	V
		5351.21	47.91	-6.09	54	37.89	35.42	6.83	32.23	106	336	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		10540	42.89	-31.11	74	51.91	38.23	9.86	57.11	100	0	P	H
		15810	44.44	-29.56	74	49.72	40.97	11.8	58.05	100	0	P	H
													H
													H
		10540	45.82	-28.18	74	54.84	38.23	9.86	57.11	100	0	P	V
		15810	44.82	-29.18	74	50.1	40.97	11.8	58.05	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	42.96	-31.04	74	51.89	38.3	9.89	57.12	100	0	P	H
		15930	44.02	-29.98	74	49.1	41.12	11.76	57.96	100	0	P	H
													H
													H
		10620	45.45	-28.55	74	54.38	38.3	9.89	57.12	100	0	P	V
		15930	44.68	-29.32	74	49.76	41.12	11.76	57.96	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 2 5250~5350MHz

WIFI 802.11ac VHT80 (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)
802.11ac VHT80 CH 58 5290MHz		5073.5	52.9	-21.1	74	43.43	35.1	6.68	32.31	101	22	P	H
		5135.75	42.31	-11.69	54	32.73	35.16	6.71	32.29	101	22	A	H
	*	5288	92.88	-	-	82.99	35.34	6.8	32.25	101	22	P	H
	*	5288	83.62	-	-	73.73	35.34	6.8	32.25	101	22	A	H
		5356.27	54.74	-19.26	74	44.7	35.42	6.85	32.23	101	22	P	H
		5355.5	45.37	-8.63	54	35.35	35.42	6.83	32.23	101	22	A	H
		5040.5	51.76	-22.24	74	42.37	35.06	6.65	32.32	106	338	P	V
		5091.65	42.35	-11.65	54	32.85	35.12	6.68	32.3	106	338	A	V
	*	5292	94.4	-	-	84.51	35.34	6.8	32.25	106	338	P	V
	*	5292	85.07	-	-	75.18	35.34	6.8	32.25	106	338	A	V
		5354.73	57.78	-16.22	74	47.76	35.42	6.83	32.23	106	338	P	V
		5362.21	47.15	-6.85	54	37.09	35.44	6.85	32.23	106	338	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 802.11ac VHT80 (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)
802.11ac VHT80 CH 58 5290MHz		10580	42.93	-31.07	74	51.91	38.27	9.87	57.12	100	0	P	H
		15870	45.35	-28.65	74	50.51	41.06	11.78	58	100	0	P	H
													H
													H
		10580	44.86	-29.14	74	53.84	38.27	9.87	57.12	100	0	P	V
		15870	47.11	-26.89	74	52.27	41.06	11.78	58	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		5460.56	57.25	-16.75	74	46.97	35.54	6.94	32.2	108	28	P	H
		5469.52	43.79	-10.21	54	33.49	35.56	6.94	32.2	108	28	A	H
	*	5500	102.27	-	-	91.88	35.6	6.98	32.19	108	28	P	H
	*	5500	92.67	-	-	82.28	35.6	6.98	32.19	108	28	A	H
													H
													H
		5467.12	59.5	-14.5	74	49.2	35.56	6.94	32.2	103	338	P	V
		5469.68	45.76	-8.24	54	35.46	35.56	6.94	32.2	103	338	A	V
	*	5500	107.47	-	-	97.08	35.6	6.98	32.19	103	338	P	V
	*	5500	96.59	-	-	86.2	35.6	6.98	32.19	103	338	A	V
													V
													V
802.11a CH 116 5580MHz		5371.6	53.19	-20.81	74	43.13	35.44	6.85	32.23	106	26	P	H
		5447.28	42.31	-11.69	54	32.05	35.54	6.92	32.2	106	26	A	H
	*	5580	102.14	-	-	91.61	35.66	7.04	32.17	106	26	P	H
	*	5580	91.94	-	-	81.41	35.66	7.04	32.17	106	26	A	H
		5748.12	53.35	-20.65	74	42.49	35.79	7.18	32.11	106	26	P	H
		5763.64	42.99	-11.01	54	32.11	35.81	7.18	32.11	106	26	A	H
		5407.76	52.88	-21.12	74	42.72	35.48	6.9	32.22	100	334	P	V
		5423.76	42.32	-11.68	54	32.13	35.5	6.9	32.21	100	334	A	V
	*	5580	108.73	-	-	98.2	35.66	7.04	32.17	100	334	P	V
	*	5580	97.31	-	-	86.78	35.66	7.04	32.17	100	334	A	V
		5755.4	53.21	-20.79	74	42.33	35.81	7.18	32.11	100	334	P	V
		5764.52	43.08	-10.92	54	32.18	35.81	7.2	32.11	100	334	A	V



802.11a CH 140 5700MHz	*	5700	100.96	-	-	90.19	35.75	7.15	32.13	106	26	P	H
	*	5700	91.61	-	-	80.84	35.75	7.15	32.13	106	26	A	H
		5725.48	63	-11	74	52.18	35.78	7.16	32.12	106	26	P	H
		5725.4	48.19	-5.81	54	37.37	35.78	7.16	32.12	106	26	A	H
													H
													H
	*	5700	107.15	-	-	96.38	35.75	7.15	32.13	100	333	P	V
	*	5700	97.39	-	-	86.62	35.75	7.15	32.13	100	333	A	V
		5725.24	68.36	-5.64	74	57.54	35.78	7.16	32.12	100	333	P	V
		5725	52.43	-1.57	54	41.61	35.78	7.16	32.12	100	333	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	44.65	-29.35	74	53.17	38.6	10.08	57.2	100	0	P	H
		16500	44.85	-29.15	74	48.37	41.4	12.18	57.1	100	0	P	H
													H
													H
		11000	45.68	-28.32	74	54.2	38.6	10.08	57.2	100	0	P	V
		16500	44.9	-29.1	74	48.42	41.4	12.18	57.1	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	44.51	-29.49	74	52.73	38.73	10.15	57.1	100	0	P	H
		16740	45.08	-28.92	74	48.12	41.74	12.32	57.1	100	0	P	H
													H
													H
		11160	44.94	-29.06	74	53.16	38.73	10.15	57.1	100	0	P	V
		16740	45.93	-28.07	74	48.97	41.74	12.32	57.1	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	44.57	-29.43	74	52.33	38.92	10.28	56.96	100	0	P	H
		17100	46.65	-27.35	74	49.47	42.06	12.48	57.36	100	0	P	H
													H
													H
		11400	44.72	-29.28	74	52.48	38.92	10.28	56.96	100	0	P	V
		17100	46.59	-27.41	74	49.41	42.06	12.48	57.36	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5449.36	53.09	-20.91	74	42.83	35.54	6.92	32.2	128	27	P	H
		5448.24	43.33	-10.67	54	33.07	35.54	6.92	32.2	128	27	A	H
	*	5502	99.56	-	-	89.17	35.6	6.98	32.19	128	27	P	H
	*	5502	89.29	-	-	78.9	35.6	6.98	32.19	128	27	A	H
													H
													H
		5463.28	57.41	-16.59	74	47.11	35.56	6.94	32.2	103	335	P	V
		5448.08	45	-9	54	34.74	35.54	6.92	32.2	103	335	A	V
	*	5502	104.89	-	-	94.5	35.6	6.98	32.19	103	335	P	V
	*	5502	95.31	-	-	84.92	35.6	6.98	32.19	103	335	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5365.04	53.29	-20.71	74	43.23	35.44	6.85	32.23	118	21	P	H
		5450.48	42.62	-11.38	54	32.36	35.54	6.92	32.2	118	21	A	H
	*	5582	98.83	-	-	88.28	35.67	7.04	32.16	118	21	P	H
	*	5582	89.16	-	-	78.61	35.67	7.04	32.16	118	21	A	H
		5737.24	53.92	-20.08	74	43.08	35.79	7.16	32.11	118	21	P	H
		5754.2	43.25	-10.75	54	32.37	35.81	7.18	32.11	118	21	A	H
		5448.4	51.99	-22.01	74	41.73	35.54	6.92	32.2	101	333	P	V
		5443.76	42.66	-11.34	54	32.43	35.52	6.92	32.21	101	333	A	V
	*	5579	105.54	-	-	95.01	35.66	7.04	32.17	101	333	P	V
	*	5579	95.3	-	-	84.77	35.66	7.04	32.17	101	333	A	V
		5750.28	53.27	-20.73	74	42.41	35.79	7.18	32.11	101	333	P	V
		5761.72	43.24	-10.76	54	32.36	35.81	7.18	32.11	101	333	A	V



802.11n HT20 CH 140 5700MHz	*	5702	99.92	-	-	89.12	35.77	7.15	32.12	106	26	P	H
	*	5702	89.31	-	-	78.51	35.77	7.15	32.12	106	26	A	H
		5731.16	61.8	-12.2	74	50.98	35.78	7.16	32.12	106	26	P	H
		5725.4	46.44	-7.56	54	35.62	35.78	7.16	32.12	106	26	A	H
													H
													H
	*	5698	105.4	-	-	94.63	35.75	7.15	32.13	100	334	P	V
	*	5698	95.52	-	-	84.75	35.75	7.15	32.13	100	334	A	V
		5725.48	67.92	-6.08	74	57.1	35.78	7.16	32.12	100	334	P	V
		5725.08	50.92	-3.08	54	40.1	35.78	7.16	32.12	100	334	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		11000	44.24	-29.76	74	52.76	38.6	10.08	57.2	100	0	P	H
		16500	46.45	-27.55	74	49.97	41.4	12.18	57.1	100	0	P	H
													H
													H
		11000	43.38	-30.62	74	51.9	38.6	10.08	57.2	100	0	P	V
		16500	46.22	-27.78	74	49.74	41.4	12.18	57.1	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	43.81	-30.19	74	52.03	38.73	10.15	57.1	100	0	P	H
		16740	45.88	-28.12	74	48.92	41.74	12.32	57.1	100	0	P	H
													H
													H
		11160	44.13	-29.87	74	52.35	38.73	10.15	57.1	100	0	P	V
		16740	45.41	-28.59	74	48.45	41.74	12.32	57.1	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	44.21	-29.79	74	51.97	38.92	10.28	56.96	100	0	P	H
		17100	46.97	-27.03	74	49.79	42.06	12.48	57.36	100	0	P	H
													H
													H
		11400	43.94	-30.06	74	51.7	38.92	10.28	56.96	100	0	P	V
		17100	47.34	-26.66	74	50.16	42.06	12.48	57.36	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5469.52	55.9	-18.1	74	45.6	35.56	6.94	32.2	107	39	P	H
		5468.88	44.89	-9.11	54	34.59	35.56	6.94	32.2	107	39	A	H
	*	5508	95.47	-	-	85.08	35.6	6.98	32.19	107	39	P	H
	*	5508	85.9	-	-	75.51	35.6	6.98	32.19	107	39	A	H
		5739.96	53.42	-20.58	74	42.58	35.79	7.16	32.11	107	39	P	H
		5762.04	43.23	-10.77	54	32.35	35.81	7.18	32.11	107	39	A	H
		5465.84	61.47	-12.53	74	51.17	35.56	6.94	32.2	102	335	P	V
		5470	47.75	-6.25	54	37.45	35.56	6.94	32.2	102	335	A	V
	*	5508	100.78	-	-	90.39	35.6	6.98	32.19	102	335	P	V
	*	5508	91.01	-	-	80.62	35.6	6.98	32.19	102	335	A	V
		5743.16	53.11	-20.89	74	42.25	35.79	7.18	32.11	102	335	P	V
		5758.12	43.22	-10.78	54	32.34	35.81	7.18	32.11	102	335	A	V
802.11n HT40 CH 110 5550MHz		5463.28	52.83	-21.17	74	42.53	35.56	6.94	32.2	116	28	P	H
		5447.6	42.73	-11.27	54	32.47	35.54	6.92	32.2	116	28	A	H
	*	5548	95.81	-	-	85.32	35.64	7.02	32.17	116	28	P	H
	*	5548	85.57	-	-	75.08	35.64	7.02	32.17	116	28	A	H
		5747.32	53.89	-20.11	74	43.03	35.79	7.18	32.11	116	28	P	H
		5758.28	43.37	-10.63	54	32.49	35.81	7.18	32.11	116	28	A	H
		5430.32	52.7	-21.3	74	42.47	35.52	6.92	32.21	112	334	P	V
		5447.76	42.92	-11.08	54	32.66	35.54	6.92	32.2	112	334	A	V
	*	5552	101.14	-	-	90.65	35.64	7.02	32.17	112	334	P	V
	*	5552	91.09	-	-	80.6	35.64	7.02	32.17	112	334	A	V
		5728.84	53.73	-20.27	74	42.91	35.78	7.16	32.12	112	334	P	V
		5756.68	43.3	-10.7	54	32.42	35.81	7.18	32.11	112	334	A	V



802.11n HT40 CH 134 5670MHz		5421.84	52.5	-21.5	74	42.31	35.5	6.9	32.21	107	334	P	H
		5420.56	42.57	-11.43	54	32.38	35.5	6.9	32.21	107	334	A	H
	*	5672	98.01	-	-	87.27	35.74	7.13	32.13	107	334	P	H
	*	5672	88	-	-	77.26	35.74	7.13	32.13	107	334	A	H
		5727.88	56.83	-17.17	74	46.01	35.78	7.16	32.12	107	334	P	H
		5725	44.75	-9.25	54	33.93	35.78	7.16	32.12	107	334	A	H
		5387.28	52.76	-21.24	74	42.64	35.46	6.88	32.22	100	335	P	V
		5458.32	42.59	-11.41	54	32.31	35.54	6.94	32.2	100	335	A	V
	*	5672	104.56	-	-	93.82	35.74	7.13	32.13	100	335	P	V
	*	5672	94.6	-	-	83.86	35.74	7.13	32.13	100	335	A	V
		5725.24	62.17	-11.83	74	51.35	35.78	7.16	32.12	100	335	P	V
		5725.4	48.46	-5.54	54	37.64	35.78	7.16	32.12	100	335	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		11020	44.05	-29.95	74	52.54	38.61	10.09	57.19	100	0	P	H
		16530	45.36	-28.64	74	48.81	41.45	12.2	57.1	100	0	P	H
													H
													H
		11020	43.73	-30.27	74	52.22	38.61	10.09	57.19	100	0	P	V
		16530	45.67	-28.33	74	49.12	41.45	12.2	57.1	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	43.68	-30.32	74	52.01	38.68	10.13	57.14	100	0	P	H
		16650	45.77	-28.23	74	48.97	41.62	12.28	57.1	100	0	P	H
													H
													H
		11100	44.23	-29.77	74	52.56	38.68	10.13	57.14	100	0	P	V
		16650	46.85	-27.15	74	50.05	41.62	12.28	57.1	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	43.48	-30.52	74	51.36	38.87	10.25	57	100	0	P	H
		17010	45.42	-28.58	74	48.03	42.09	12.44	57.14	100	0	P	H
													H
													H
		11340	43.84	-30.16	74	51.72	38.87	10.25	57	100	0	P	V
		17010	46.28	-27.72	74	48.89	42.09	12.44	57.14	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 3 5470~5725MHz

WIFI 802.11ac VHT80 (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)
802.11ac VHT80 CH 106 5530MHz		5459.44	55.56	-18.44	74	45.28	35.54	6.94	32.2	107	27	P	H
		5457.2	45.18	-8.82	54	34.9	35.54	6.94	32.2	107	27	A	H
	*	5532	91.81	-	-	81.36	35.63	7	32.18	107	27	P	H
	*	5532	82.57	-	-	72.12	35.63	7	32.18	107	27	A	H
		5726.6	53.51	-20.49	74	42.69	35.78	7.16	32.12	107	27	P	H
		5737.88	43.52	-10.48	54	32.68	35.79	7.16	32.11	107	27	A	H
		5462.96	59.44	-14.56	74	49.14	35.56	6.94	32.2	103	336	P	V
		5470	48.03	-5.97	54	37.73	35.56	6.94	32.2	103	336	A	V
	*	5528	97.58	-	-	87.15	35.61	7	32.18	103	336	P	V
	*	5528	88.25	-	-	77.82	35.61	7	32.18	103	336	A	V
		5759.64	53.12	-20.88	74	42.24	35.81	7.18	32.11	103	336	P	V
		5730.2	43.44	-10.56	54	32.62	35.78	7.16	32.12	103	336	A	V
802.11ac VHT80 CH 122 5610MHz		5354.48	53	-21	74	42.98	35.42	6.83	32.23	116	37	P	H
		5427.28	42.81	-11.19	54	32.62	35.5	6.9	32.21	116	37	A	H
	*	5608	91.17	-	-	80.59	35.68	7.06	32.16	116	37	P	H
	*	5608	80.78	-	-	70.2	35.68	7.06	32.16	116	37	A	H
		5735.08	53.35	-20.65	74	42.51	35.79	7.16	32.11	116	37	P	H
		5725.56	43.48	-10.52	54	32.66	35.78	7.16	32.12	116	37	A	H
		5464.24	52.73	-21.27	74	42.43	35.56	6.94	32.2	101	336	P	V
		5434	42.84	-11.16	54	32.61	35.52	6.92	32.21	101	336	A	V
	*	5612	96.51	-	-	85.93	35.68	7.06	32.16	101	336	P	V
	*	5612	86.79	-	-	76.21	35.68	7.06	32.16	101	336	A	V
		5757	53.59	-20.41	74	42.71	35.81	7.18	32.11	101	336	P	V
		5732.12	43.52	-10.48	54	32.7	35.78	7.16	32.12	101	336	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 802.11ac VHT80 (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)
802.11ac VHT80 CH 106 5530MHz		11060	43.63	-30.37	74	52.04	38.65	10.1	57.16	100	0	P	H
		16590	45.32	-28.68	74	48.64	41.52	12.26	57.1	100	0	P	H
													H
													H
		11060	44.09	-29.91	74	52.5	38.65	10.1	57.16	100	0	P	V
		16590	43.82	-30.18	74	47.14	41.52	12.26	57.1	100	0	P	V
													V
													V
802.11ac VHT80 CH 122 5610MHz		11220	45.24	-28.76	74	53.35	38.77	10.19	57.07	100	0	P	H
		16830	45.8	-28.2	74	48.68	41.86	12.36	57.1	100	0	P	H
													H
													H
		11220	44.84	-29.16	74	52.95	38.77	10.19	57.07	100	0	P	V
		16830	46.97	-27.03	74	49.85	41.86	12.36	57.1	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 802.11a (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		145.29	27.81	-15.69	43.5	46.83	11.5	1.26	31.78	125	6	P	H
		177.96	21.14	-22.36	43.5	42.49	9.03	1.4	31.78			P	H
		215.76	10.07	-33.43	43.5	31.06	9.26	1.53	31.78			P	H
		570.2	19.72	-26.28	46	29.54	19.8	2.37	31.99			P	H
		723.5	20.7	-25.3	46	28.43	21.58	2.7	32.01			P	H
		762.7	22.22	-23.78	46	29.23	22.18	2.77	31.96			P	H
													H
													H
													H
													H
													H
													H
		62.67	29.72	-10.28	40	54.66	5.96	0.89	31.79	200	129	P	V
		145.29	18.08	-25.42	43.5	37.1	11.5	1.26	31.78			P	V
		263.82	11.99	-34.01	46	28.57	13.5	1.69	31.77			P	V
		556.9	21.1	-24.9	46	30.76	19.98	2.34	31.98			P	V
		820.8	21.62	-24.38	46	27.94	22.63	2.87	31.82			P	V
		931.4	24.36	-21.64	46	28.18	24.32	3.04	31.18			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	P eak or A verage
H/V	H orizontal or V ertical



A calculation example for radiated spurious emission is shown as below:

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
CH 01													
2412MHz		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

1. Level(dBμV/m) =

Antenna Factor(dB/m) + Cable Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

2. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

Both peak and average measured complies with the limit line, so test result is “PASS”.