



## Appendix B. Radiated Spurious Emission

Test Engineer :	Kyle Jhuang, Citta Ke and Karl Hou	Temperature :	23~24°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		5148.5	68.51	-5.49	74	58.9	35.18	6.72	32.29	318	161	P	H	
		5147.15	47.62	-6.38	54	38.01	35.18	6.72	32.29	318	161	A	H	
	*	5181	108.03	-	-	98.36	35.22	6.73	32.28	318	161	P	H	
	*	5181	98.36	-	-	88.69	35.22	6.73	32.28	318	161	A	H	
													H	
													H	
			5149.85	64.02	-9.98	74	54.41	35.18	6.72	32.29	113	143	P	V
			5150	44.71	-9.29	54	35.1	35.18	6.72	32.29	113	143	A	V
	*		5182	102.89	-	-	93.22	35.22	6.73	32.28	113	143	P	V
	*		5182	93.46	-	-	83.79	35.22	6.73	32.28	113	143	A	V
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11a CH 44 5220MHz		5145.35	55.8	-18.2	74	46.19	35.18	6.72	32.29	100	107	P	H
		5149.55	43.46	-10.54	54	33.85	35.18	6.72	32.29	100	107	A	H
	*	5222	107.06	-	-	97.31	35.26	6.76	32.27	100	107	P	H
	*	5222	97.34	-	-	87.59	35.26	6.76	32.27	100	107	A	H
		5413.14	53.02	-20.98	74	42.83	35.5	6.9	32.21	100	107	P	H
		5369.47	42.75	-11.25	54	32.69	35.44	6.85	32.23	100	107	A	H
		5148.8	53.9	-20.1	74	44.29	35.18	6.72	32.29	100	141	P	V
		5150	42.29	-11.71	54	32.68	35.18	6.72	32.29	100	141	A	V
	*	5221	101.15	-	-	91.4	35.26	6.76	32.27	100	141	P	V
	*	5221	90.98	-	-	81.23	35.26	6.76	32.27	100	141	A	V
		5451.64	53.38	-20.62	74	43.12	35.54	6.92	32.2	100	141	P	V
		5429.86	42.6	-11.4	54	32.37	35.52	6.92	32.21	100	141	A	V
802.11a CH 48 5240MHz		5142.95	53.6	-20.4	74	43.99	35.18	6.72	32.29	218	169	P	H
		5147.6	42.71	-11.29	54	33.1	35.18	6.72	32.29	218	169	A	H
	*	5238	108.31	-	-	98.52	35.28	6.77	32.26	218	169	P	H
	*	5238	98.44	-	-	88.65	35.28	6.77	32.26	218	169	A	H
		5379.92	52.99	-21.01	74	42.9	35.46	6.85	32.22	218	169	P	H
		5427.11	42.7	-11.3	54	32.51	35.5	6.9	32.21	218	169	A	H
		5080.85	52.39	-21.61	74	42.92	35.1	6.68	32.31	102	145	P	V
		5148.65	42.21	-11.79	54	32.6	35.18	6.72	32.29	102	145	A	V
	*	5240	102.34	-	-	92.55	35.28	6.77	32.26	102	145	P	V
	*	5240	92	-	-	82.21	35.28	6.77	32.26	102	145	A	V
		5363.2	52.9	-21.1	74	42.84	35.44	6.85	32.23	102	145	P	V
	5455.38	42.61	-11.39	54	32.33	35.54	6.94	32.2	102	145	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	46.74	-27.26	74	55.92	38.2	9.8	57.18	100	0	P	H	
		15542	50.15	-23.85	74	55.97	40.64	11.81	58.27	100	0	P	H	
													H	
													H	
		10358	52.4	-21.6	74	61.59	38.2	9.8	57.19	100	115	P	V	
		10358	39.47	-14.53	54	48.66	38.2	9.8	57.19	100	115	A	V	
		15542	50.25	-23.75	74	56.07	40.64	11.81	58.27	100	0	P	V	
														V
802.11a CH 44 5220MHz		10440	45.95	-28.05	74	55.07	38.2	9.82	57.14	100	0	P	H	
		15660	49.26	-24.74	74	54.85	40.79	11.8	58.18	100	0	P	H	
													H	
													H	
		10440	50.14	-23.86	74	59.26	38.2	9.82	57.14	100	0	P	V	
		15660	50.2	-23.8	74	55.79	40.79	11.8	58.18	100	0	P	V	
														V
														V
802.11a CH 48 5240MHz		10480	46.77	-27.23	74	55.84	38.2	9.84	57.11	100	0	P	H	
		15720	50.23	-23.77	74	55.68	40.87	11.8	58.12	100	0	P	H	
													H	
													H	
		10480	53.97	-20.03	74	63.04	38.2	9.84	57.11	100	58	P	V	
		10480	42.26	-11.74	54	51.33	38.2	9.84	57.11	100	58	A	V	
		15720	50.82	-23.18	74	56.27	40.87	11.8	58.12	100	0	P	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		5150	69.01	-4.99	74	59.4	35.18	6.72	32.29	225	137	P	H
		5149.85	47.48	-6.52	54	37.87	35.18	6.72	32.29	225	137	A	H
	*	5181	108.01	-	-	98.34	35.22	6.73	32.28	225	137	P	H
	*	5181	97.72	-	-	88.05	35.22	6.73	32.28	225	137	A	H
													H
													H
	802.11n HT20 CH 44 5220MHz		5149.4	57.58	-16.42	74	47.97	35.18	6.72	32.29	100	175	P
		5145.05	42.94	-11.06	54	33.33	35.18	6.72	32.29	100	175	A	H
*		5221	107.11	-	-	97.36	35.26	6.76	32.27	100	175	P	H
*		5221	97.07	-	-	87.32	35.26	6.76	32.27	100	175	A	H
Remark		1. No other spurious found.											
	2. All results are PASS against Peak and Average limit line.												



WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n HT20 CH 48 5240MHz		5148.95	52.31	-21.69	74	42.7	35.18	6.72	32.29	199	151	P	H
		5149.25	42.26	-11.74	54	32.65	35.18	6.72	32.29	199	151	A	H
	*	5239	107.66	-	-	97.87	35.28	6.77	32.26	199	151	P	H
	*	5239	97.34	-	-	87.55	35.28	6.77	32.26	199	151	A	H
		5361.33	53.38	-20.62	74	43.32	35.44	6.85	32.23	199	151	P	H
		5360.89	42.33	-11.67	54	32.27	35.44	6.85	32.23	199	151	A	H
		5116.1	52.11	-21.89	74	42.56	35.14	6.71	32.3	100	153	P	V
		5148.05	41.68	-12.32	54	32.07	35.18	6.72	32.29	100	153	A	V
	*	5238	101.61	-	-	91.82	35.28	6.77	32.26	100	153	P	V
	*	5238	91.48	-	-	81.69	35.28	6.77	32.26	100	153	A	V
		5445.92	52.71	-21.29	74	42.45	35.54	6.92	32.2	100	153	P	V
		5425.35	42.09	-11.91	54	31.9	35.5	6.9	32.21	100	153	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	47.63	-26.37	74	56.81	38.2	9.8	57.18	100	0	P	H
		15540	50.87	-23.13	74	56.69	40.64	11.81	58.27	100	0	P	H
													H
													H
		10360	52.43	-21.57	74	61.61	38.2	9.8	57.18	100	145	P	V
		10360	41.33	-12.67	54	50.51	38.2	9.8	57.18	100	145	A	V
		15540	51.83	-22.17	74	57.65	40.64	11.81	58.27	100	141	P	V
802.11n HT20 CH 44 5220MHz		10440	46.18	-27.82	74	55.3	38.2	9.82	57.14	100	0	P	H
		15660	49.43	-24.57	74	55.02	40.79	11.8	58.18	100	0	P	H
													H
													H
		10440	52.18	-21.82	74	61.3	38.2	9.82	57.14	100	231	P	V
		10440	41.05	-12.95	54	50.17	38.2	9.82	57.14	100	231	A	V
		15660	50.76	-23.24	74	56.35	40.79	11.8	58.18	100	0	P	V
802.11n HT20 CH 48 5240MHz		10480	46.12	-27.88	74	55.19	38.2	9.84	57.11	100	0	P	H
		15720	50.55	-23.45	74	56	40.87	11.8	58.12	100	0	P	H
													H
													H
		10480	52.82	-21.18	74	61.89	38.2	9.84	57.11	100	201	P	V
		10480	41.48	-12.52	54	50.55	38.2	9.84	57.11	100	201	A	V
		15720	51.81	-22.19	74	57.26	40.87	11.8	58.12	100	33	P	V
	15720	40.64	-13.36	54	46.09	40.87	11.8	58.12	100	33	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 (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		5148.8	69.74	-4.26	74	60.13	35.18	6.72	32.29	289	167	P	H
		5150	50.01	-3.99	54	40.4	35.18	6.72	32.29	289	167	A	H
	*	5193	105.61	-	-	95.89	35.24	6.75	32.27	289	167	P	H
	*	5193	95.64	-	-	85.92	35.24	6.75	32.27	289	167	A	H
		5395.87	53.17	-20.83	74	43.03	35.48	6.88	32.22	289	167	P	H
		5447.35	42.45	-11.55	54	32.19	35.54	6.92	32.2	289	167	A	H
		5149.7	60.17	-13.83	74	50.56	35.18	6.72	32.29	119	148	P	V
		5150	45.91	-8.09	54	36.3	35.18	6.72	32.29	119	148	A	V
	*	5193	98.92	-	-	89.2	35.24	6.75	32.27	119	148	P	V
	*	5193	89.12	-	-	79.4	35.24	6.75	32.27	119	148	A	V
		5432.94	52.19	-21.81	74	41.96	35.52	6.92	32.21	119	148	P	V
		5424.36	42.4	-11.6	54	32.21	35.5	6.9	32.21	119	148	A	V
802.11n HT40 CH 46 5230MHz		5143.85	55.78	-18.22	74	46.17	35.18	6.72	32.29	100	188	P	H
		5150	43.98	-10.02	54	34.37	35.18	6.72	32.29	100	188	A	H
	*	5232	105.08	-	-	95.3	35.28	6.76	32.26	100	188	P	H
	*	5232	95.76	-	-	85.98	35.28	6.76	32.26	100	188	A	H
		5350.22	53.28	-20.72	74	43.26	35.42	6.83	32.23	100	188	P	H
		5350	43.26	-10.74	54	33.24	35.42	6.83	32.23	100	188	A	H
		5111	53.07	-20.93	74	43.54	35.14	6.69	32.3	100	149	P	V
		5149.85	42.73	-11.27	54	33.12	35.18	6.72	32.29	100	149	A	V
	*	5232	99.38	-	-	89.6	35.28	6.76	32.26	100	149	P	V
	*	5232	89.24	-	-	79.46	35.28	6.76	32.26	100	149	A	V
	5364.41	52.48	-21.52	74	42.42	35.44	6.85	32.23	100	149	P	V	
	5353.41	42.54	-11.46	54	32.52	35.42	6.83	32.23	100	149	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	44.98	-29.02	74	54.14	38.2	9.81	57.17	100	0	P	H
		15540	46.81	-27.19	74	52.63	40.64	11.81	58.27	100	0	P	H
													H
													H
		10380	48.85	-25.15	74	58.01	38.2	9.81	57.17	100	0	P	V
		15540	45.96	-28.04	74	51.78	40.64	11.81	58.27	100	0	P	V
													V
802.11n HT40 CH 46 5230MHz		10460	45.09	-28.91	74	54.19	38.2	9.83	57.13	100	0	P	H
		15690	48.4	-25.6	74	53.92	40.83	11.8	58.15	100	0	P	H
													H
													H
		10460	49.26	-24.74	74	58.36	38.2	9.83	57.13	100	0	P	V
		15690	49.61	-24.39	74	55.13	40.83	11.8	58.15	100	0	P	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		5046.35	52.74	-21.26	74	43.33	35.06	6.67	32.32	307	187	P	H
		5149.85	41.81	-12.19	54	32.2	35.18	6.72	32.29	307	187	A	H
	*	5261	108.15	-	-	98.3	35.32	6.79	32.26	307	187	P	H
	*	5261	98.34	-	-	88.49	35.32	6.79	32.26	307	187	A	H
		5428.76	52.76	-21.24	74	42.53	35.52	6.92	32.21	307	187	P	H
		5446.58	42.23	-11.77	54	31.97	35.54	6.92	32.2	307	187	A	H
		5135.45	51.74	-22.26	74	42.16	35.16	6.71	32.29	100	153	P	V
		5148.8	41.78	-12.22	54	32.17	35.18	6.72	32.29	100	153	A	V
	*	5262	101.99	-	-	92.14	35.32	6.79	32.26	100	153	P	V
	*	5262	91.6	-	-	81.75	35.32	6.79	32.26	100	153	A	V
		5381.79	52.84	-21.16	74	42.72	35.46	6.88	32.22	100	153	P	V
		5365.84	42.3	-11.7	54	32.24	35.44	6.85	32.23	100	153	A	V
802.11a CH 60 5300MHz		5038.55	52.28	-21.72	74	42.89	35.06	6.65	32.32	100	109	P	H
		5139.2	41.78	-12.22	54	32.2	35.16	6.71	32.29	100	109	A	H
	*	5299	108.02	-	-	98.11	35.36	6.8	32.25	100	109	P	H
	*	5299	97.92	-	-	88.01	35.36	6.8	32.25	100	109	A	H
		5350.33	65.13	-8.87	74	55.11	35.42	6.83	32.23	100	109	P	H
		5350	46.74	-7.26	54	36.72	35.42	6.83	32.23	100	109	A	H
		5144.15	52.28	-21.72	74	42.67	35.18	6.72	32.29	100	150	P	V
		5143.7	41.74	-12.26	54	32.13	35.18	6.72	32.29	100	150	A	V
	*	5300	101.91	-	-	92	35.36	6.8	32.25	100	150	P	V
	*	5300	91.69	-	54	81.78	35.36	6.8	32.25	100	150	A	V
		5351.1	58.71	-15.29	74	48.69	35.42	6.83	32.23	100	150	P	V
		5350.11	43.59	-10.41	54	33.57	35.42	6.83	32.23	100	150	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11a CH 64 5320MHz	*	5319	107.65	-	-	97.7	35.38	6.81	32.24	100	169	P	H
	*	5319	97.9	-	-	87.95	35.38	6.81	32.24	100	169	A	H
		5351.21	70.54	-3.46	74	60.52	35.42	6.83	32.23	100	169	P	H
		5350.22	47.72	-6.28	54	37.7	35.42	6.83	32.23	100	169	A	H
													H
													H
	*	5319	102.12	-	-	92.17	35.38	6.81	32.24	100	145	P	V
	*	5319	92.46	-	-	82.51	35.38	6.81	32.24	100	145	A	V
		5350.22	62.86	-11.14	74	52.84	35.42	6.83	32.23	100	145	P	V
		5350	44.43	-9.57	54	34.41	35.42	6.83	32.23	100	145	A	V
													V
													V
<b>Remark</b>	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	46.52	-27.48	74	55.55	38.21	9.86	57.1	100	0	P	H
		15780	50.51	-23.49	74	55.86	40.93	11.8	58.08	100	0	P	H
													H
													H
		10520	52.75	-21.25	74	61.78	38.21	9.86	57.1	100	199	P	V
		10520	40.63	-13.37	54	49.66	38.21	9.86	57.1	100	199	A	V
		15780	50.17	-23.83	74	55.52	40.93	11.8	58.08	100	0	P	V
802.11a CH 60 5300MHz		10600	45.69	-28.31	74	54.65	38.28	9.88	57.12	100	0	P	H
		15900	52.17	-21.83	74	57.3	41.08	11.77	57.98	100	36	P	H
		15900	40.98	-13.02	54	46.11	41.08	11.77	57.98	100	36	A	H
													H
		10600	53.09	-20.91	74	62.05	38.28	9.88	57.12	100	99	P	V
		10600	41.83	-12.17	54	50.79	38.28	9.88	57.12	100	99	A	V
		15900	52.82	-21.18	74	57.95	41.08	11.77	57.98	100	111	P	V
		15900	41.5	-12.5	54	46.63	41.08	11.77	57.98	100	111	A	V
802.11a CH 64 5320MHz		10640	46.13	-27.87	74	55.05	38.31	9.9	57.13	100	0	P	H
		15960	50.98	-23.02	74	55.99	41.16	11.76	57.93	100	0	P	H
													H
													H
		10640	52.18	-21.82	74	61.1	38.31	9.9	57.13	100	37	P	V
		10640	41.15	-12.85	54	50.07	38.31	9.9	57.13	100	37	A	V
		15960	53.11	-20.89	74	58.12	41.16	11.76	57.93	100	57	P	V
		15960	42.01	-11.99	54	47.02	41.16	11.76	57.93	100	57	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 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		5136.2	52.45	-21.55	74	42.87	35.16	6.71	32.29	100	108	P	H
		5148.95	41.98	-12.02	54	32.37	35.18	6.72	32.29	100	108	A	H
	*	5261	106.89	-	-	97.04	35.32	6.79	32.26	100	108	P	H
	*	5261	96.69	-	-	86.84	35.32	6.79	32.26	100	108	A	H
		5424.47	52.99	-21.01	74	42.8	35.5	6.9	32.21	100	108	P	H
		5364.41	42.68	-11.32	54	32.62	35.44	6.85	32.23	100	108	A	H
		5051.3	51.85	-22.15	74	42.44	35.06	6.67	32.32	132	143	P	V
		5147	41.6	-12.4	54	31.99	35.18	6.72	32.29	132	143	A	V
	*	5258	101.4	-	-	91.59	35.3	6.77	32.26	132	143	P	V
	*	5258	91.16	-	-	81.35	35.3	6.77	32.26	132	143	A	V
		5378.82	53.1	-20.9	74	43.01	35.46	6.85	32.22	132	143	P	V
		5429.53	42.15	-11.85	54	31.92	35.52	6.92	32.21	132	143	A	V
802.11n HT20 CH 60 5300MHz		5014.1	51.73	-22.27	74	42.4	35.02	6.64	32.33	100	180	P	H
		5148.65	41.74	-12.26	54	32.13	35.18	6.72	32.29	100	180	A	H
	*	5299	106.99	-	-	97.08	35.36	6.8	32.25	100	180	P	H
	*	5299	97.04	-	-	87.13	35.36	6.8	32.25	100	180	A	H
		5354.84	62.53	-11.47	74	52.51	35.42	6.83	32.23	100	180	P	H
		5350.11	46.2	-7.8	54	36.18	35.42	6.83	32.23	100	180	A	H
		5076.05	52.28	-21.72	74	42.81	35.1	6.68	32.31	100	154	P	V
		5148.35	41.59	-12.41	54	31.98	35.18	6.72	32.29	100	154	A	V
	*	5298	100.74	-	-	90.83	35.36	6.8	32.25	100	154	P	V
	*	5298	100.53	-	-	90.62	35.36	6.8	32.25	100	154	A	V
		5352.86	55.16	-18.84	74	45.14	35.42	6.83	32.23	100	154	P	V
		5350	42.89	-11.11	54	32.87	35.42	6.83	32.23	100	154	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n HT20 CH 64 5320MHz	*	5321	107.31	-	-	97.36	35.38	6.81	32.24	100	184	P	H
	*	5321	97.33	-	-	87.38	35.38	6.81	32.24	100	184	A	H
		5363.53	66.3	-7.7	74	56.24	35.44	6.85	32.23	100	184	P	H
		5350	47.26	-6.74	54	37.24	35.42	6.83	32.23	100	184	A	H
													H
													H
	*	5321	102.79	-	-	92.84	35.38	6.81	32.24	111	140	P	V
	*	5321	92.56	-	-	82.61	35.38	6.81	32.24	111	140	A	V
		5352.2	61.09	-12.91	74	51.07	35.42	6.83	32.23	111	140	P	V
		5350.22	44.88	-9.12	54	34.86	35.42	6.83	32.23	111	140	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	46.61	-27.39	74	55.64	38.21	9.86	57.1	100	0	P	H
		15780	50.95	-23.05	74	56.3	40.93	11.8	58.08	100	0	P	H
													H
													H
		10520	52.19	-21.81	74	61.22	38.21	9.86	57.1	100	39	P	V
		10520	41.14	-12.86	54	50.17	38.21	9.86	57.1	100	39	A	V
		15780	50.53	-23.47	74	55.88	40.93	11.8	58.08	100	0	P	V
													V
802.11n HT20 CH 60 5300MHz		10600	44.72	-29.28	74	53.68	38.28	9.88	57.12	100	0	P	H
		15900	52.12	-21.88	74	57.25	41.08	11.77	57.98	100	67	P	H
		15900	41.04	-12.96	54	46.17	41.08	11.77	57.98	100	67	A	H
													H
		10600	50.67	-23.33	74	59.63	38.28	9.88	57.12	100	0	P	V
		15900	53.3	-20.7	74	58.43	41.08	11.77	57.98	100	312	P	V
		15900	42.08	-11.92	54	47.21	41.08	11.77	57.98	100	312	A	V
													V
802.11n HT20 CH 64 5320MHz		10640	44.91	-29.09	74	53.83	38.31	9.9	57.13	100	0	P	H
		15960	51.72	-22.28	74	56.73	41.16	11.76	57.93	100	84	P	H
		15960	40.65	-13.35	54	45.66	41.16	11.76	57.93	100	84	A	H
													H
		10640	50.92	-23.08	74	59.84	38.31	9.9	57.13	100	0	P	V
		15960	53.15	-20.85	74	58.16	41.16	11.76	57.93	100	178	P	V
		15960	42.01	-11.99	54	47.02	41.16	11.76	57.93	100	178	A	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		5127.05	53.05	-20.95	74	43.47	35.16	6.71	32.29	100	137	P	H
		5148.8	42.65	-11.35	54	33.04	35.18	6.72	32.29	100	137	A	H
	*	5272	105.01	-	-	95.16	35.32	6.79	32.26	100	137	P	H
	*	5272	95.25	-	-	85.4	35.32	6.79	32.26	100	137	A	H
		5350.99	57.16	-16.84	74	47.14	35.42	6.83	32.23	100	137	P	H
		5350.66	44.59	-9.41	54	34.57	35.42	6.83	32.23	100	137	A	H
		5130.65	52	-22	74	42.42	35.16	6.71	32.29	100	147	P	V
		5150	42.22	-11.78	54	32.61	35.18	6.72	32.29	100	147	A	V
	*	5268	99.33	-	-	89.48	35.32	6.79	32.26	100	147	P	V
	*	5268	88.91	-	-	79.06	35.32	6.79	32.26	100	147	A	V
		5364.41	54.32	-19.68	74	44.26	35.44	6.85	32.23	100	147	P	V
		5350.44	42.99	-11.01	54	32.97	35.42	6.83	32.23	100	147	A	V
802.11n HT40 CH 62 5310MHz		5031.05	52.23	-21.77	74	42.86	35.04	6.65	32.32	100	105	P	H
		5138.6	42.08	-11.92	54	32.5	35.16	6.71	32.29	100	105	A	H
	*	5308	104.88	-	-	94.96	35.36	6.81	32.25	100	105	P	H
	*	5308	94.73	-	-	84.81	35.36	6.81	32.25	100	105	A	H
		5350	70.61	-3.39	74	60.59	35.42	6.83	32.23	100	105	P	H
		5350.22	50.1	-3.9	54	40.08	35.42	6.83	32.23	100	105	A	H
		5124.8	53.11	-20.89	74	43.53	35.16	6.71	32.29	100	141	P	V
		5105.6	42.08	-11.92	54	32.55	35.14	6.69	32.3	100	141	A	V
	*	5308	98.97	-	-	89.05	35.36	6.81	32.25	100	141	P	V
	*	5308	89.61	-	-	79.69	35.36	6.81	32.25	100	141	A	V
		5350.22	67.45	-6.55	74	57.43	35.42	6.83	32.23	100	141	P	V
		5350.77	46.34	-7.66	54	36.32	35.42	6.83	32.23	100	141	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	44.98	-29.02	74	54	38.23	9.86	57.11	100	0	P	H
		15810	50.69	-23.31	74	55.97	40.97	11.8	58.05	100	0	P	H
													H
													H
		10540	48.69	-25.31	74	57.71	38.23	9.86	57.11	100	0	P	V
		15810	50.96	-23.04	74	56.24	40.97	11.8	58.05	100	0	P	V
802.11n HT40 CH 62 5310MHz		10620	45.87	-28.13	74	54.8	38.3	9.89	57.12	100	0	P	H
		15930	49.19	-24.81	74	54.27	41.12	11.76	57.96	100	0	P	H
													H
													H
		10620	48.16	-25.84	74	57.09	38.3	9.89	57.12	100	0	P	V
		15930	49.5	-24.5	74	54.58	41.12	11.76	57.96	100	0	P	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		5468.4	70.35	-3.65	74	60.05	35.56	6.94	32.2	100	194	P	H	
		5469.52	48.57	-5.43	54	38.27	35.56	6.94	32.2	100	194	A	H	
	*	5499	109.56	-	-	99.19	35.6	6.96	32.19	100	194	P	H	
	*	5499	98.65	-	-	88.28	35.6	6.96	32.19	100	194	A	H	
													H	
														H
			5470	65.68	-8.32	74	55.38	35.56	6.94	32.2	102	137	P	V
			5466	44.83	-9.17	54	34.53	35.56	6.94	32.2	102	137	A	V
	*		5498	102.39	-	-	92.02	35.6	6.96	32.19	102	137	P	V
	*		5498	92.75	-	-	82.38	35.6	6.96	32.19	102	137	A	V
														V
														V
802.11a CH 116 5580MHz		5439.12	52.92	-21.08	74	42.69	35.52	6.92	32.21	100	212	P	H	
		5430.32	42.54	-11.46	54	32.31	35.52	6.92	32.21	100	212	A	H	
	*	5581	108.29	-	-	97.76	35.66	7.04	32.17	100	212	P	H	
	*	5581	97.62	-	-	87.09	35.66	7.04	32.17	100	212	A	H	
			5753.72	53.83	-20.17	74	42.95	35.81	7.18	32.11	100	212	P	H
			5734.36	43.31	-10.69	54	32.49	35.78	7.16	32.12	100	212	A	H
			5447.12	52.5	-21.5	74	42.24	35.54	6.92	32.2	100	132	P	V
			5426.8	42.28	-11.72	54	32.09	35.5	6.9	32.21	100	132	A	V
	*		5581	101.77	-	-	91.24	35.66	7.04	32.17	100	132	P	V
	*		5581	91.82	-	-	81.29	35.66	7.04	32.17	100	132	A	V
			5749.32	53	-21	74	42.14	35.79	7.18	32.11	100	132	P	V
			5762.52	42.92	-11.08	54	32.04	35.81	7.18	32.11	100	132	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.	
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.		
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )	
802.11a CH 140 5700MHz	*	5699	107.95	-	-	97.18	35.75	7.15	32.13	100	180	P	H	
	*	5699	97.51	-	-	86.74	35.75	7.15	32.13	100	180	A	H	
		5728.12	70.78	-3.22	74	59.96	35.78	7.16	32.12	100	180	P	H	
		5725	48.86	-5.14	54	38.04	35.78	7.16	32.12	100	180	A	H	
													H	
														H
	*	5699	98.58	-	-	87.81	35.75	7.15	32.13	112	135	P	V	
	*	5699	88.88	-	-	78.11	35.75	7.15	32.13	112	135	A	V	
		5725.16	62.15	-11.85	74	51.33	35.78	7.16	32.12	112	135	P	V	
		5725.8	44.37	-9.63	54	33.55	35.78	7.16	32.12	112	135	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	50.45	-23.55	74	58.97	38.6	10.08	57.2	100	0	P	H
		16500	49.65	-24.35	74	53.17	41.4	12.18	57.1	100	0	P	H
													H
													H
		11000	55.49	-18.51	74	64.01	38.6	10.08	57.2	100	55	P	V
		11000	44.45	-9.55	54	52.97	38.6	10.08	57.2	100	55	A	V
		16500	49.01	-24.99	74	52.53	41.4	12.18	57.1	100	0	P	V
802.11a CH 116 5580MHz		11160	51.76	-22.24	74	59.98	38.73	10.15	57.1	100	127	P	H
		11160	40.58	-13.42	54	48.8	38.73	10.15	57.1	100	127	A	H
		16740	47.48	-26.52	74	50.52	41.74	12.32	57.1	100	0	P	H
													H
		11160	54.94	-19.06	74	63.16	38.73	10.15	57.1	100	33	P	V
		11160	43.84	-10.16	54	52.06	38.73	10.15	57.1	100	33	A	V
		16740	47.15	-26.85	74	50.19	41.74	12.32	57.1	100	0	P	V
802.11a CH 140 5700MHz		11400	53.63	-20.37	74	61.39	38.92	10.28	56.96	100	153	P	H
		11400	42.53	-11.47	54	50.29	38.92	10.28	56.96	100	153	A	H
		17100	47.51	-26.49	74	50.33	42.06	12.48	57.36	100	0	P	H
													H
		11400	52.99	-21.01	74	60.75	38.92	10.28	56.96	100	215	P	V
		11400	42.92	-11.08	54	50.68	38.92	10.28	56.96	100	215	A	V
		17100	46.96	-27.04	74	49.78	42.06	12.48	57.36	100	0	P	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	69.1	-4.9	74	58.8	35.56	6.94	32.2	100	194	P	H	
		5469.84	47.72	-6.28	54	37.42	35.56	6.94	32.2	100	194	A	H	
	*	5501	107.98	-	-	97.59	35.6	6.98	32.19	100	194	P	H	
	*	5501	98	-	-	87.61	35.6	6.98	32.19	100	194	A	H	
													H	
														H
			5466.32	61.11	-12.89	74	50.81	35.56	6.94	32.2	100	153	P	V
			5470	44.16	-9.84	54	33.86	35.56	6.94	32.2	100	153	A	V
	*		5501	100.83	-	-	90.44	35.6	6.98	32.19	100	153	P	V
	*		5501	90.69	-	-	80.3	35.6	6.98	32.19	100	153	A	V
														V
														V
802.11n HT20 CH 116 5580MHz		5433.36	53.19	-20.81	74	42.96	35.52	6.92	32.21	100	212	P	H	
		5469.68	42.5	-11.5	54	32.2	35.56	6.94	32.2	100	212	A	H	
	*	5582	107.38	-	-	96.83	35.67	7.04	32.16	100	212	P	H	
	*	5582	97.22	-	-	86.67	35.67	7.04	32.16	100	212	A	H	
			5739.32	53.72	-20.28	74	42.88	35.79	7.16	32.11	100	212	P	H
			5737.16	43.18	-10.82	54	32.34	35.79	7.16	32.11	100	212	A	H
			5389.2	52.23	-21.77	74	42.11	35.46	6.88	32.22	100	132	P	V
			5469.52	42.36	-11.64	54	32.06	35.56	6.94	32.2	100	132	A	V
	*		5579	101.16	-	-	90.63	35.66	7.04	32.17	100	132	P	V
	*		5579	91.08	-	-	80.55	35.66	7.04	32.17	100	132	A	V
			5752.52	53.26	-20.74	74	42.38	35.81	7.18	32.11	100	132	P	V
			5750.36	42.9	-11.1	54	32.04	35.79	7.18	32.11	100	132	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.													



WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		( MHz )	( dBμV/m )	( dB )	( dBμV/m )	( dBμV )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n HT20 CH 140 5700MHz	*	5701	107.51	-	-	96.71	35.77	7.15	32.12	100	181	P	H
	*	5701	96.95	-	-	86.15	35.77	7.15	32.12	100	181	A	H
		5727.88	70.73	-3.27	74	59.91	35.78	7.16	32.12	100	181	P	H
		5725.4	49.5	-4.5	54	38.68	35.78	7.16	32.12	100	181	A	H
													H
													H
	*	5701	98.9	-	-	88.1	35.77	7.15	32.12	100	139	P	V
	*	5701	88.81	-	-	78.01	35.77	7.15	32.12	100	139	A	V
		5727.4	63.09	-10.91	74	52.27	35.78	7.16	32.12	100	139	P	V
		5725	44.46	-9.54	54	33.64	35.78	7.16	32.12	100	139	A	V
												V	
												V	
<b>Remark</b>	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	54.74	-19.26	74	63.26	38.6	10.08	57.2	100	165	P	H
		11000	43.65	-10.35	54	52.17	38.6	10.08	57.2	100	165	A	H
		16500	47.13	-26.87	74	50.65	41.4	12.18	57.1	100	0	P	H
													H
		11000	54.14	-19.86	74	62.66	38.6	10.08	57.2	100	30	P	V
		11000	43	-11	54	51.52	38.6	10.08	57.2	100	30	A	V
		16500	47.59	-26.41	74	51.11	41.4	12.18	57.1	100	0	P	V
													V
802.11n HT20 CH 116 5580MHz		11160	54	-20	74	62.22	38.73	10.15	57.1	100	354	P	H
		11160	42.8	-11.2	54	51.02	38.73	10.15	57.1	100	354	A	H
		16740	47.65	-26.35	74	50.69	41.74	12.32	57.1	100	0	P	H
													H
		11160	55.26	-18.74	74	63.48	38.73	10.15	57.1	100	26	P	V
		11160	44.11	-9.89	54	52.33	38.73	10.15	57.1	100	26	A	V
		16740	48.11	-25.89	74	51.15	41.74	12.32	57.1	100	0	P	V
													V
802.11n HT20 CH 140 5700MHz		11400	52.67	-21.33	74	60.43	38.92	10.28	56.96	100	192	P	H
		11400	42.52	-11.48	54	50.28	38.92	10.28	56.96	100	192	A	H
		17100	47.27	-26.73	74	50.09	42.06	12.48	57.36	100	0	P	H
													H
		11400	54.19	-19.81	74	61.95	38.92	10.28	56.96	100	21	P	V
		11400	42.97	-11.03	54	50.73	38.92	10.28	56.96	100	21	A	V
		17100	47.35	-26.65	74	50.17	42.06	12.48	57.36	100	0	P	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		5469.68	69.88	-4.12	74	59.58	35.56	6.94	32.2	100	204	P	H
		5470	50.3	-3.7	54	40	35.56	6.94	32.2	100	204	A	H
	*	5512	104	-	-	93.61	35.6	6.98	32.19	100	204	P	H
	*	5512	93.9	-	-	83.51	35.6	6.98	32.19	100	204	A	H
		5741.8	53.91	-20.09	74	43.05	35.79	7.18	32.11	100	204	P	H
		5736.6	43.15	-10.85	54	32.31	35.79	7.16	32.11	100	204	A	H
		5468.4	61.42	-12.58	74	51.12	35.56	6.94	32.2	100	134	P	V
		5468.72	45.59	-8.41	54	35.29	35.56	6.94	32.2	100	134	A	V
	*	5508	98.48	-	-	88.09	35.6	6.98	32.19	100	134	P	V
	*	5508	88.54	-	-	78.15	35.6	6.98	32.19	100	134	A	V
		5755.08	52.87	-21.13	74	41.99	35.81	7.18	32.11	100	134	P	V
		5738.44	43.03	-10.97	54	32.19	35.79	7.16	32.11	100	134	A	V
802.11n HT40 CH 110 5550MHz		5467.6	60.16	-13.84	74	49.86	35.56	6.94	32.2	100	204	P	H
		5469.04	45.05	-8.95	54	34.75	35.56	6.94	32.2	100	204	A	H
	*	5552	105.5	-	-	95.01	35.64	7.02	32.17	100	204	P	H
	*	5552	95.97	-	-	85.48	35.64	7.02	32.17	100	204	A	H
		5741.24	53.54	-20.46	74	42.68	35.79	7.18	32.11	100	204	P	H
		5740.44	43.51	-10.49	54	32.65	35.79	7.18	32.11	100	204	A	H
		5450	55.39	-18.61	74	45.13	35.54	6.92	32.2	100	134	P	V
		5452.08	43.4	-10.6	54	33.12	35.54	6.94	32.2	100	134	A	V
	*	5548	100.16	-	-	89.67	35.64	7.02	32.17	100	134	P	V
	*	5548	89.87	-	-	79.38	35.64	7.02	32.17	100	134	A	V
		5731.88	53.52	-20.48	74	42.7	35.78	7.16	32.12	100	134	P	V
		5735.48	43.14	-10.86	54	32.3	35.79	7.16	32.11	100	134	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		( MHz )	( dB $\mu$ V/m )	( dB )	( dB $\mu$ V/m )	( dB $\mu$ V )	( dB/m )	( dB )	( dB )	( cm )	( deg )	( P/A )	( H/V )
802.11n HT40 CH 134 5670MHz		5430.32	52.88	-21.12	74	42.65	35.52	6.92	32.21	100	205	P	H
		5446.32	42.54	-11.46	54	32.28	35.54	6.92	32.2	100	205	A	H
	*	5669	104.28	-	-	93.54	35.74	7.13	32.13	100	205	P	H
	*	5669	94.78	-	-	84.04	35.74	7.13	32.13	100	205	A	H
		5726.6	62.56	-11.44	74	51.74	35.78	7.16	32.12	100	205	P	H
		5726.04	46.83	-7.17	54	36.01	35.78	7.16	32.12	100	205	A	H
		5361.52	52.15	-21.85	74	42.09	35.44	6.85	32.23	100	131	P	V
		5468.56	42.47	-11.53	54	32.17	35.56	6.94	32.2	100	131	A	V
	*	5669	98.31	-	-	87.57	35.74	7.13	32.13	100	131	P	V
	*	5669	88.31	-	-	77.57	35.74	7.13	32.13	100	131	A	V
		5725.24	55.9	-18.1	74	45.08	35.78	7.16	32.12	100	131	P	V
		5732.68	43.88	-10.12	54	33.06	35.78	7.16	32.12	100	131	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	47.52	-26.48	74	56.01	38.61	10.09	57.19	100	0	P	H
		16530	46.02	-27.98	74	49.47	41.45	12.2	57.1	100	0	P	H
													H
													H
		11020	48.69	-25.31	74	57.18	38.61	10.09	57.19	100	0	P	V
		16530	46.2	-27.8	74	49.65	41.45	12.2	57.1	100	0	P	V
													V
802.11n HT40 CH 110 5550MHz		11100	50.03	-23.97	74	58.36	38.68	10.13	57.14	100	0	P	H
		16650	46.05	-27.95	74	49.25	41.62	12.28	57.1	100	0	P	H
													H
													H
		11100	52.86	-21.14	74	61.19	38.68	10.13	57.14	100	332	P	V
		11100	41.79	-12.21	54	50.12	38.68	10.13	57.14	100	332	A	V
		16650	47.45	-26.55	74	50.65	41.62	12.28	57.1	100	0	P	V
802.11n HT40 CH 134 5670MHz		11340	48.99	-25.01	74	56.87	38.87	10.25	57	100	0	P	H
		17010	45.81	-28.19	74	48.42	42.09	12.44	57.14	100	0	P	H
													H
													H
		11340	53.45	-20.55	74	61.33	38.87	10.25	57	100	247	P	V
		11340	42.3	-11.7	54	50.18	38.87	10.25	57	100	247	A	V
		17010	47.47	-26.53	74	50.08	42.09	12.44	57.14	100	0	P	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		102.36	22.33	-21.17	43.5	42.48	10.52	1.11	31.78	-	-	P	H	
		145.29	15.1	-28.4	43.5	34.12	11.5	1.26	31.78	-	-	P	H	
		212.25	22.21	-21.29	43.5	43.25	9.22	1.52	31.78	-	-	P	H	
		535.9	21.76	-24.24	46	33.01	18.39	2.3	31.94	-	-	P	H	
		607.3	28.79	-17.21	46	38.53	19.84	2.46	32.04	-	-	P	H	
		820.1	29.05	-16.95	46	35.37	22.63	2.87	31.82	106	88	P	H	
														H
														H
														H
														H
														H
														H
			70.5	25.24	-14.76	40	49.62	6.48	0.93	31.79	144	276	P	V
			101.82	24.83	-18.67	43.5	45.02	10.48	1.11	31.78	-	-	P	V
			260.04	17.81	-28.19	46	34	13.9	1.68	31.77	-	-	P	V
			544.3	26.66	-19.34	46	37.32	18.98	2.32	31.96	-	-	P	V
			619.2	24.29	-21.71	46	33.67	20.17	2.49	32.04	-	-	P	V
			820.1	29.67	-16.33	46	35.99	22.63	2.87	31.82	-	-	P	V
													V	
													V	
													V	
													V	
													V	
													V	
Remark	1. No other spurious found. 2. All results are PASS against limit line.													



**Note symbol**

*	<b>Fundamental Frequency</b> which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency per 15.209(c).
!	Test result is <b>over limit</b> line.
P/A	<b>Peak</b> or <b>Average</b>
H/V	<b>Horizontal</b> or <b>Vertical</b>



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		( 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

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

**For Peak Limit @ 2390MHz:**

- 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)
- Over Limit(dB)  
= Level(dBμV/m) – Limit Line(dBμV/m)  
= 55.45(dBμV/m) – 74(dBμV/m)  
= -18.55(dB)

**For Average Limit @ 2390MHz:**

- 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)
- 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”.**