



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		5148.35	66.49	-7.51	74	52.82	34.61	11.55	32.49	101	238	P	H
		5149.85	49.08	-4.92	54	35.41	34.61	11.55	32.49	101	238	A	H
	*	5179	108.34	-	-	94.65	34.66	11.55	32.52	101	238	P	H
	*	5179	98.18	-	-	84.49	34.66	11.55	32.52	101	238	A	H
													H
													H
		5148.5	71.59	-2.41	74	57.92	34.61	11.55	32.49	154	180	P	V
		5149.85	53.02	-0.98	54	39.35	34.61	11.55	32.49	154	180	A	V
	*	5184	112.68	-	-	98.95	34.66	11.59	32.52	154	180	P	V
	*	5184	102.77	-	-	89.04	34.66	11.59	32.52	154	180	A	V
													V
													V
802.11a CH 44 5220MHz		5145.2	59.16	-14.84	74	45.49	34.61	11.55	32.49	295	268	P	H
		5146.85	46.27	-7.73	54	32.6	34.61	11.55	32.49	295	268	A	H
	*	5223	110.75	-	-	97.08	34.7	11.62	32.65	295	268	P	H
	*	5223	100.98	-	-	87.31	34.7	11.62	32.65	295	268	A	H
		5433.93	58.44	-15.56	74	45.11	35.01	11.8	33.48	295	268	P	H
		5444.27	45.21	-8.79	54	31.88	35.01	11.8	33.48	295	268	A	H
		5131.85	58.98	-15.02	74	45.34	34.59	11.5	32.45	100	200	P	V
		5143.1	46.13	-7.87	54	32.42	34.61	11.55	32.45	100	200	A	V
	*	5223	110.69	-	-	97.02	34.7	11.62	32.65	100	200	P	V
	*	5223	101.11	-	-	87.44	34.7	11.62	32.65	100	200	A	V
		5442.84	58.29	-15.71	74	44.96	35.01	11.8	33.48	100	200	P	V
		5435.91	45.25	-8.75	54	31.92	35.01	11.8	33.48	100	200	A	V



802.11a CH 48 5240MHz		5042.6	59.18	-14.82	74	45.65	34.47	11.41	32.35	288	276	P	H
		5136.95	45.83	-8.17	54	32.19	34.59	11.5	32.45	288	276	A	H
	*	5240	110.11	-	-	96.41	34.73	11.62	32.65	288	276	P	H
	*	5240	100.48	-	-	86.78	34.73	11.62	32.65	288	276	A	H
		5418.53	58.45	-15.55	74	45.12	34.98	11.74	33.39	288	276	P	H
		5458.79	45	-9	54	31.74	35.03	11.8	33.57	288	276	A	H
		5129.45	59.41	-14.59	74	45.77	34.59	11.5	32.45	157	178	P	V
		5132.3	46	-8	54	32.36	34.59	11.5	32.45	157	178	A	V
	*	5243	113.64	-	-	99.92	34.75	11.62	32.65	157	178	P	V
	*	5243	103.76	-	-	90.04	34.75	11.62	32.65	157	178	A	V
		5354.51	58.35	-15.65	74	44.93	34.89	11.71	33.18	157	178	P	V
		5351.65	46.02	-7.98	54	32.6	34.89	11.71	33.18	157	178	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	46.02	-27.98	74	51.33	37.22	16.34	58.87	100	0	P	H
		15540	49	-25	74	45.79	40.34	20.36	57.49	100	0	P	H
													H
													H
		10360	44.07	-29.93	74	49.38	37.22	16.34	58.87	100	0	P	V
		15540	48.56	-25.44	74	45.35	40.34	20.36	57.49	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	50.35	-23.65	74	55.56	37.26	16.41	58.88	100	0	P	H
		15660	50	-24	74	46.45	40.49	20.41	57.35	100	0	P	H
													H
													H
		10440	46.52	-27.48	74	51.73	37.26	16.41	58.88	100	0	P	V
		15660	48.62	-25.38	74	45.07	40.49	20.41	57.35	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	45.13	-28.87	74	50.28	37.29	16.45	58.89	100	0	P	H
		15720	46.94	-27.06	74	43.19	40.57	20.45	57.27	100	0	P	H
													H
													H
		10480	44.67	-29.33	74	49.82	37.29	16.45	58.89	100	0	P	V
		15720	46.46	-27.54	74	42.71	40.57	20.45	57.27	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		5148.35	69.42	-4.58	74	55.75	34.61	11.55	32.49	102	238	P	H
		5148.95	49.89	-4.11	54	36.22	34.61	11.55	32.49	102	238	A	H
	*	5183	107.2	-	-	93.47	34.66	11.59	32.52	102	238	P	H
	*	5183	97.68	-	-	83.95	34.66	11.59	32.52	102	238	A	H
													H
													H
		5149.4	72.85	-1.15	74	59.18	34.61	11.55	32.49	149	180	P	V
		5149.85	53.57	-0.43	54	39.9	34.61	11.55	32.49	149	180	A	V
	*	5180	111.52	-	-	97.83	34.66	11.55	32.52	149	180	P	V
	*	5180	102.06	-	-	88.37	34.66	11.55	32.52	149	180	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5117.9	59.36	-14.64	74	45.72	34.56	11.5	32.42	280	265	P	H
		5148.2	46.14	-7.86	54	32.47	34.61	11.55	32.49	280	265	A	H
	*	5223	109.8	-	-	96.13	34.7	11.62	32.65	280	265	P	H
	*	5223	100.11	-	-	86.44	34.7	11.62	32.65	280	265	A	H
		5407.42	58.4	-15.6	74	45.09	34.96	11.74	33.39	280	265	P	H
		5440.31	45.03	-8.97	54	31.7	35.01	11.8	33.48	280	265	A	H
		5139.8	59.24	-14.76	74	45.58	34.61	11.5	32.45	101	200	P	V
		5145.65	45.82	-8.18	54	32.15	34.61	11.55	32.49	101	200	A	V
	*	5222	109.39	-	-	95.72	34.7	11.62	32.65	101	200	P	V
	*	5222	99.94	-	-	86.27	34.7	11.62	32.65	101	200	A	V
		5411.71	58.62	-15.38	74	45.29	34.98	11.74	33.39	101	200	P	V
		5431.73	45.14	-8.86	54	31.81	35.01	11.8	33.48	101	200	A	V



802.11n HT20 CH 48 5240MHz		5141.75	59.39	-14.61	74	45.68	34.61	11.55	32.45	278	275	P	H
		5127.95	45.75	-8.25	54	32.11	34.59	11.5	32.45	278	275	A	H
	*	5240	109.55	-	-	95.85	34.73	11.62	32.65	278	275	P	H
	*	5240	99.45	-	-	85.75	34.73	11.62	32.65	278	275	A	H
		5385.64	58.07	-15.93	74	44.67	34.94	11.74	33.28	278	275	P	H
		5458.79	44.96	-9.04	54	31.7	35.03	11.8	33.57	278	275	A	H
		5142.05	59.14	-14.86	74	45.43	34.61	11.55	32.45	158	178	P	V
		5138	45.88	-8.12	54	32.24	34.59	11.5	32.45	158	178	A	V
	*	5240	112.85	-	-	99.15	34.73	11.62	32.65	158	178	P	V
	*	5240	102.62	-	-	88.92	34.73	11.62	32.65	158	178	A	V
		5352.64	58.55	-15.45	74	45.13	34.89	11.71	33.18	158	178	P	V
		5453.62	45.66	-8.34	54	32.4	35.03	11.8	33.57	158	178	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		10359	44.29	-29.71	74	49.6	37.22	16.34	58.87	100	0	P	H
		15540	50.45	-23.55	74	47.24	40.34	20.36	57.49	100	0	P	H
													H
													H
		10359	43.92	-30.08	74	49.23	37.22	16.34	58.87	100	0	P	V
		15542	50.95	-23.05	74	47.72	40.34	20.38	57.49	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	48.54	-25.46	74	53.75	37.26	16.41	58.88	100	0	P	H
		15660	48.8	-25.2	74	45.25	40.49	20.41	57.35	100	0	P	H
													H
													H
		10440	46.24	-27.76	74	51.45	37.26	16.41	58.88	100	0	P	V
		15660	55.61	-18.39	74	52.06	40.49	20.41	57.35	200	276	P	V
		15660	40.07	-13.93	54	36.52	40.49	20.41	57.35	200	276	A	V
													V
802.11n HT20 CH 48 5240MHz		10480	48.02	-25.98	74	53.17	37.29	16.45	58.89	100	0	P	H
		15720	49.2	-24.8	74	45.45	40.57	20.45	57.27	100	0	P	H
													H
													H
		10480	45.67	-28.33	74	50.82	37.29	16.45	58.89	100	0	P	V
		15720	53.97	-20.03	74	50.22	40.57	20.45	57.27	200	271	P	V
		15720	39.29	-14.71	54	35.54	40.57	20.45	57.27	200	271	A	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		5149.1	72.18	-1.82	74	58.51	34.61	11.55	32.49	280	222	P	H
		5150	51.67	-2.33	54	38	34.61	11.55	32.49	280	222	A	H
	*	5188	103.84	-	-	90.11	34.66	11.59	32.52	280	222	P	H
	*	5188	93.29	-	-	79.56	34.66	11.59	32.52	280	222	A	H
		5412.04	57.88	-16.12	74	44.55	34.98	11.74	33.39	280	222	P	H
		5422.05	45.26	-8.74	54	31.87	34.98	11.8	33.39	280	222	A	H
		5149.1	72.99	-1.01	74	59.32	34.61	11.55	32.49	156	179	P	V
		5150	53.54	-0.46	54	39.87	34.61	11.55	32.49	156	179	A	V
	*	5192	106	-	-	92.25	34.68	11.59	32.52	156	179	P	V
	*	5192	96.56	-	-	82.81	34.68	11.59	32.52	156	179	A	V
		5389.05	58.63	-15.37	74	45.23	34.94	11.74	33.28	156	179	P	V
		5430.52	45.28	-8.72	54	31.95	35.01	11.8	33.48	156	179	A	V
802.11n HT40 CH 46 5230MHz		5145.8	64.9	-9.1	74	51.23	34.61	11.55	32.49	295	225	P	H
		5149.4	48.79	-5.21	54	35.12	34.61	11.55	32.49	295	225	A	H
	*	5228	105.72	-	-	92.02	34.73	11.62	32.65	295	225	P	H
	*	5228	96.03	-	-	82.33	34.73	11.62	32.65	295	225	A	H
		5444.16	58.19	-15.81	74	44.86	35.01	11.8	33.48	295	225	P	H
		5363.64	45.27	-8.73	54	31.83	34.91	11.71	33.18	295	225	A	H
		5145.95	67.27	-6.73	74	53.6	34.61	11.55	32.49	154	179	P	V
		5150	50.27	-3.73	54	36.6	34.61	11.55	32.49	154	179	A	V
	*	5228	109.48	-	-	95.78	34.73	11.62	32.65	154	179	P	V
	*	5228	99.78	-	-	86.08	34.73	11.62	32.65	154	179	A	V
		5354.95	59	-15	74	45.58	34.89	11.71	33.18	154	179	P	V
		5353.08	45.46	-8.54	54	32.04	34.89	11.71	33.18	154	179	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	43.49	-30.51	74	48.79	37.23	16.34	58.87	100	0	P	H
		15570	48.02	-25.98	74	44.71	40.38	20.38	57.45	100	0	P	H
													H
													H
		10380	43.97	-30.03	74	49.27	37.23	16.34	58.87	100	0	P	V
		15570	49.31	-24.69	74	46	40.38	20.38	57.45	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	45.51	-28.49	74	50.71	37.27	16.41	58.88	100	0	P	H
		15690	48.17	-25.83	74	44.52	40.53	20.43	57.31	100	0	P	H
													H
													H
		10460	45.16	-28.84	74	50.36	37.27	16.41	58.88	100	0	P	V
		15690	47.89	-26.11	74	44.24	40.53	20.43	57.31	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**15E band 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		5133.65	68.88	-5.12	74	55.24	34.59	11.5	32.45	292	222	P	H
		5144	51.72	-2.28	54	38.05	34.61	11.55	32.49	292	222	A	H
	*	5208	102.26	-	-	88.52	34.7	11.59	32.55	292	222	P	H
	*	5208	92.01	-	-	78.27	34.7	11.59	32.55	292	222	A	H
		5424.91	58.7	-15.3	74	45.4	34.98	11.8	33.48	292	222	P	H
		5361.66	45.79	-8.21	54	32.35	34.91	11.71	33.18	292	222	A	H
		5143.4	71.63	-2.37	74	57.92	34.61	11.55	32.45	152	179	P	V
		5147.6	53.5	-0.5	54	39.83	34.61	11.55	32.49	152	179	A	V
	*	5208	105.31	-	-	91.57	34.7	11.59	32.55	152	179	P	V
	*	5208	95.44	-	-	81.7	34.7	11.59	32.55	152	179	A	V
		5389.16	58.65	-15.35	74	45.25	34.94	11.74	33.28	152	179	P	V
		5356.82	46.06	-7.94	54	32.64	34.89	11.71	33.18	152	179	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	43.72	-30.28	74	48.98	37.25	16.37	58.88	100	0	P	H
		15630	48.15	-25.85	74	44.64	40.47	20.41	57.37	100	0	P	H
													H
													H
		10420	44.26	-29.74	74	49.52	37.25	16.37	58.88	100	0	P	V
		15630	48.61	-25.39	74	45.1	40.47	20.41	57.37	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		5148.35	58.62	-15.38	74	44.95	34.61	11.55	32.49	281	285	P	H
		5133.35	45.73	-8.27	54	32.09	34.59	11.5	32.45	281	285	A	H
	*	5263	110.55	-	-	96.89	34.77	11.65	32.76	281	285	P	H
	*	5263	100.98	-	-	87.32	34.77	11.65	32.76	281	285	A	H
		5390.7	59.02	-14.98	74	45.62	34.94	11.74	33.28	281	285	P	H
		5364.63	45.34	-8.66	54	31.9	34.91	11.71	33.18	281	285	A	H
		5141.45	59.02	-14.98	74	45.31	34.61	11.55	32.45	144	178	P	V
		5145.95	46.27	-7.73	54	32.6	34.61	11.55	32.49	144	178	A	V
	*	5260	113.6	-	-	99.97	34.77	11.62	32.76	144	178	P	V
	*	5260	103.9	-	-	90.27	34.77	11.62	32.76	144	178	A	V
		5364.3	58.74	-15.26	74	45.3	34.91	11.71	33.18	144	178	P	V
		5367.49	46.08	-7.92	54	32.64	34.91	11.71	33.18	144	178	A	V
802.11a CH 60 5300MHz		5069.15	58.89	-15.11	74	45.33	34.49	11.46	32.39	282	221	P	H
		5148.35	45.55	-8.45	54	31.88	34.61	11.55	32.49	282	221	A	H
	*	5299	110.65	-	-	97.15	34.82	11.65	32.97	282	221	P	H
	*	5299	100.74	-	-	87.24	34.82	11.65	32.97	282	221	A	H
		5350.11	61.39	-12.61	74	47.97	34.89	11.71	33.18	282	221	P	H
		5350.44	46.87	-7.13	54	33.45	34.89	11.71	33.18	282	221	A	H
		5145.8	59.17	-14.83	74	45.5	34.61	11.55	32.49	154	177	P	V
		5146.25	46.06	-7.94	54	32.39	34.61	11.55	32.49	154	177	A	V
	*	5300	113.28	-	-	99.78	34.82	11.65	32.97	154	177	P	V
	*	5300	103.07	-	-	89.57	34.82	11.65	32.97	154	177	A	V
		5354.18	62.24	-11.76	74	48.82	34.89	11.71	33.18	154	177	P	V
		5350.11	48.34	-5.66	54	34.92	34.89	11.71	33.18	154	177	A	V



802.11a CH 64 5320MHz	*	5320	110.01	-	-	96.46	34.84	11.68	32.97	283	219	P	H
	*	5320	99.7	-	-	86.15	34.84	11.68	32.97	283	219	A	H
		5353.08	68.23	-5.77	74	54.81	34.89	11.71	33.18	283	219	P	H
		5350.33	51.64	-2.36	54	38.22	34.89	11.71	33.18	283	219	A	H
													H
													H
	*	5319	111.81	-	-	98.26	34.84	11.68	32.97	137	174	P	V
	*	5319	101.76	-	-	88.21	34.84	11.68	32.97	137	174	A	V
		5351.54	71.37	-2.63	74	57.95	34.89	11.71	33.18	137	174	P	V
		5350.11	53.76	-0.24	54	40.34	34.89	11.71	33.18	137	174	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	50.23	-23.77	74	55.26	37.32	16.49	58.84	100	0	P	H
		15780	49.6	-24.4	74	45.73	40.63	20.46	57.22	100	0	P	H
													H
													H
		10520	49.47	-24.53	74	54.5	37.32	16.49	58.84	100	0	P	V
		15780	49.81	-24.19	74	45.94	40.63	20.46	57.22	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	53.21	-20.79	74	57.84	37.42	16.56	58.61	349	243	P	H
		10600	38.59	-15.41	54	43.22	37.42	16.56	58.61	349	243	A	H
		15900	52.84	-21.16	74	48.62	40.78	20.52	57.08	181	280	P	H
		15900	41.41	-12.59	54	37.19	40.78	20.52	57.08	181	280	A	H
		10600	48.67	-25.33	74	53.3	37.42	16.56	58.61	100	0	P	V
		15900	54.43	-19.57	74	50.21	40.78	20.52	57.08	260	253	P	V
		15900	44.42	-9.58	54	40.2	40.78	20.52	57.08	260	253	A	V
													V
802.11a CH 64 5320MHz		10640	46.28	-27.72	74	50.73	37.47	16.6	58.52	100	0	P	H
		15960	48.62	-25.38	74	44.21	40.86	20.55	57	100	0	P	H
													H
													H
		10640	45.79	-28.21	74	50.24	37.47	16.6	58.52	100	0	P	V
		15960	48.24	-25.76	74	43.83	40.86	20.55	57	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		5111.15	58.97	-15.03	74	45.33	34.56	11.5	32.42	281	262	P	H
		5141.9	45.69	-8.31	54	31.98	34.61	11.55	32.45	281	262	A	H
	*	5260	107.35	-	-	93.72	34.77	11.62	32.76	281	262	P	H
	*	5260	97.97	-	-	84.34	34.77	11.62	32.76	281	262	A	H
		5374.31	57.87	-16.13	74	44.53	34.91	11.71	33.28	281	262	P	H
		5413.25	44.95	-9.05	54	31.62	34.98	11.74	33.39	281	262	A	H
		5145.5	58.56	-15.44	74	44.89	34.61	11.55	32.49	146	177	P	V
		5149.1	45.76	-8.24	54	32.09	34.61	11.55	32.49	146	177	A	V
	*	5260	111.2	-	-	97.57	34.77	11.62	32.76	146	177	P	V
	*	5260	101.18	-	-	87.55	34.77	11.62	32.76	146	177	A	V
		5377.72	58.32	-15.68	74	44.95	34.94	11.71	33.28	146	177	P	V
		5366.39	45.62	-8.38	54	32.18	34.91	11.71	33.18	146	177	A	V
802.11n HT20 CH 60 5300MHz		5130.35	60.01	-13.99	74	46.37	34.59	11.5	32.45	258	216	P	H
		5134.4	45.46	-8.54	54	31.82	34.59	11.5	32.45	258	216	A	H
	*	5299	109.45	-	-	95.95	34.82	11.65	32.97	258	216	P	H
	*	5299	99.34	-	-	85.84	34.82	11.65	32.97	258	216	A	H
		5352.31	60.07	-13.93	74	46.65	34.89	11.71	33.18	258	216	P	H
		5351.87	46.38	-7.62	54	32.96	34.89	11.71	33.18	258	216	A	H
		5052.2	58.66	-15.34	74	45.13	34.47	11.41	32.35	159	176	P	V
		5119.7	45.74	-8.26	54	32.13	34.56	11.5	32.45	159	176	A	V
	*	5300	112.24	-	-	98.74	34.82	11.65	32.97	159	176	P	V
	*	5300	102.64	-	-	89.14	34.82	11.65	32.97	159	176	A	V
		5353.96	62.54	-11.46	74	49.12	34.89	11.71	33.18	159	176	P	V
		5350	47.67	-6.33	54	34.25	34.89	11.71	33.18	159	176	A	V



802.11n HT20 CH 64 5320MHz	*	5318	109.1	-	-	95.55	34.84	11.68	32.97	254	216	P	H
	*	5318	99.56	-	-	86.01	34.84	11.68	32.97	254	216	A	H
		5356.16	71.27	-2.73	74	57.85	34.89	11.71	33.18	254	216	P	H
		5350.44	52.06	-1.94	54	38.64	34.89	11.71	33.18	254	216	A	H
													H
													H
	*	5318	111.76	-	-	98.21	34.84	11.68	32.97	154	177	P	V
	*	5318	102.24	-	-	88.69	34.84	11.68	32.97	154	177	A	V
		5357.37	71.85	-2.15	74	58.43	34.89	11.71	33.18	154	177	P	V
		5350	53.86	-0.14	54	40.44	34.89	11.71	33.18	154	177	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		10518	48.19	-25.81	74	53.22	37.32	16.49	58.84	100	0	P	H
		15782	49.53	-24.47	74	45.6	40.65	20.48	57.2	100	0	P	H
													H
													H
		10521	45.44	-28.56	74	50.47	37.32	16.49	58.84	100	0	P	V
		15778	56.03	-17.97	74	52.16	40.63	20.46	57.22	200	276	P	V
		15778	41.84	-12.16	54	37.97	40.63	20.46	57.22	200	276	A	V
													V
802.11n HT20 CH 60 5300MHz		10600	48.36	-25.64	74	52.99	37.42	16.56	58.61	100	0	P	H
		15900	54.42	-19.58	74	50.2	40.78	20.52	57.08	181	284	P	H
		15900	39.89	-14.11	54	35.67	40.78	20.52	57.08	181	284	A	H
													H
		10600	47.86	-26.14	74	52.49	37.42	16.56	58.61	100	0	P	V
		15900	58.3	-15.7	74	54.08	40.78	20.52	57.08	258	300	P	V
		15900	42.72	-11.28	54	38.5	40.78	20.52	57.08	258	300	A	V
													V
802.11n HT20 CH 64 5320MHz		10641	48.31	-25.69	74	52.76	37.47	16.6	58.52	100	0	P	H
		15960	49.11	-24.89	74	44.7	40.86	20.55	57	100	0	P	H
													H
													H
		10641	46.87	-27.13	74	51.32	37.47	16.6	58.52	100	0	P	V
		15960	56.8	-17.2	74	52.39	40.86	20.55	57	252	300	P	V
		15960	41.56	-12.44	54	37.15	40.86	20.55	57	252	300	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		5149.85	62.13	-11.87	74	48.46	34.61	11.55	32.49	300	222	P	H
		5144.15	46.22	-7.78	54	32.55	34.61	11.55	32.49	300	222	A	H
	*	5268	107.03	-	-	93.37	34.77	11.65	32.76	300	222	P	H
	*	5268	97	-	-	83.34	34.77	11.65	32.76	300	222	A	H
		5358.58	61.53	-12.47	74	48.11	34.89	11.71	33.18	300	222	P	H
		5351.98	46.86	-7.14	54	33.44	34.89	11.71	33.18	300	222	A	H
		5148.8	62.17	-11.83	74	48.5	34.61	11.55	32.49	145	179	P	V
		5147.6	46.73	-7.27	54	33.06	34.61	11.55	32.49	145	179	A	V
	*	5268	111.01	-	-	97.35	34.77	11.65	32.76	145	179	P	V
	*	5268	100.1	-	-	86.44	34.77	11.65	32.76	145	179	A	V
		5359.13	63.72	-10.28	74	50.3	34.89	11.71	33.18	145	179	P	V
		5350.55	48.03	-5.97	54	34.61	34.89	11.71	33.18	145	179	A	V
802.11n HT40 CH 62 5310MHz		5103.35	59.62	-14.38	74	46	34.54	11.5	32.42	273	216	P	H
		5136.5	45.93	-8.07	54	32.29	34.59	11.5	32.45	273	216	A	H
	*	5312	104.36	-	-	90.81	34.84	11.68	32.97	273	216	P	H
	*	5312	94.22	-	-	80.67	34.84	11.68	32.97	273	216	A	H
		5350.22	72.55	-1.45	74	59.13	34.89	11.71	33.18	273	216	P	H
		5350.22	52.18	-1.82	54	38.76	34.89	11.71	33.18	273	216	A	H
		5118.35	58.8	-15.2	74	45.19	34.56	11.5	32.45	145	178	P	V
		5146.85	45.98	-8.02	54	32.31	34.61	11.55	32.49	145	178	A	V
	*	5308	106.18	-	-	92.65	34.82	11.68	32.97	145	178	P	V
	*	5308	96.71	-	-	83.18	34.82	11.68	32.97	145	178	A	V
		5353.74	73.67	-0.33	74	60.25	34.89	11.71	33.18	145	178	P	V
		5350.22	52.86	-1.14	54	39.44	34.89	11.71	33.18	145	178	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	46	-28	74	50.97	37.34	16.49	58.8	100	0	P	H
		15810	46.85	-27.15	74	42.88	40.67	20.48	57.18	100	0	P	H
													H
													H
		10540	45.06	-28.94	74	50.03	37.34	16.49	58.8	100	0	P	V
		15810	49.34	-24.66	74	45.37	40.67	20.48	57.18	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	44.62	-29.38	74	49.19	37.44	16.56	58.57	100	0	P	H
		15930	49.06	-24.94	74	44.75	40.82	20.53	57.04	100	0	P	H
													H
													H
		10620	45.26	-28.74	74	49.83	37.44	16.56	58.57	100	0	P	V
		15930	49.59	-24.41	74	45.28	40.82	20.53	57.04	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 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		5130.2	60.21	-13.79	74	46.57	34.59	11.5	32.45	300	265	P	H
		5148.05	47.27	-6.73	54	33.6	34.61	11.55	32.49	300	265	A	H
	*	5293	101.84	-	-	88.23	34.82	11.65	32.86	300	265	P	H
	*	5293	92.03	-	-	78.42	34.82	11.65	32.86	300	265	A	H
		5351.87	68.75	-5.25	74	55.33	34.89	11.71	33.18	300	265	P	H
		5350.77	49.72	-4.28	54	36.3	34.89	11.71	33.18	300	265	A	H
		5146.25	61.9	-12.1	74	48.23	34.61	11.55	32.49	147	178	P	V
		5149.25	47.83	-6.17	54	34.16	34.61	11.55	32.49	147	178	A	V
	*	5290	103.78	-	-	90.19	34.8	11.65	32.86	147	178	P	V
	*	5290	93.63	-	-	80.04	34.8	11.65	32.86	147	178	A	V
		5351.54	71	-3	74	57.58	34.89	11.71	33.18	147	178	P	V
		5354.51	52.45	-1.55	54	39.03	34.89	11.71	33.18	147	178	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	44.67	-29.33	74	49.41	37.4	16.52	58.66	100	0	P	H
		15870	47.54	-26.46	74	43.36	40.76	20.52	57.1	100	0	P	H
													H
													H
		10580	45.58	-28.42	74	50.32	37.4	16.52	58.66	100	0	P	V
		15870	47.82	-26.18	74	43.64	40.76	20.52	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 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		5466.96	72.16	-1.84	74	58.82	35.05	11.86	33.57	225	243	P	H
		5468.4	53.87	-0.13	54	40.53	35.05	11.86	33.57	225	243	A	H
	*	5500	111.97	-	-	98.67	35.1	11.86	33.66	225	243	P	H
	*	5500	102.27	-	-	88.97	35.1	11.86	33.66	225	243	A	H
													H
													H
		5466	69.01	-4.99	74	55.67	35.05	11.86	33.57	192	204	P	V
		5469.52	52.78	-1.22	54	39.44	35.05	11.86	33.57	192	204	A	V
	*	5502	110.94	-	-	97.66	35.1	11.92	33.74	192	204	P	V
	*	5502	101.48	-	-	88.2	35.1	11.92	33.74	192	204	A	V
													V
													V
802.11a CH 116 5580MHz		5367.6	58.7	-15.3	74	45.26	34.91	11.71	33.18	238	238	P	H
		5466.64	45.12	-8.88	54	31.78	35.05	11.86	33.57	238	238	A	H
	*	5580	109.98	-	-	96.87	35.14	11.98	34.01	238	238	P	H
	*	5580	99.8	-	-	86.69	35.14	11.98	34.01	238	238	A	H
		5736.36	59.56	-14.44	74	46.23	35.24	12.26	34.17	238	238	P	H
		5733	45.65	-8.35	54	32.33	35.23	12.26	34.17	238	238	A	H
		5464.72	58.59	-15.41	74	45.25	35.05	11.86	33.57	152	173	P	V
		5467.12	45.24	-8.76	54	31.9	35.05	11.86	33.57	152	173	A	V
	*	5580	109.02	-	-	95.91	35.14	11.98	34.01	152	173	P	V
	*	5580	98.9	-	-	85.79	35.14	11.98	34.01	152	173	A	V
		5731.4	58.69	-15.31	74	45.37	35.23	12.26	34.17	152	173	P	V
		5728.6	45.56	-8.44	54	32.22	35.23	12.26	34.15	152	173	A	V



802.11a CH 140 5700MHz	*	5699	109.48	-	-	96.21	35.21	12.18	34.12	180	238	P	H
	*	5699	99.75	-	-	86.48	35.21	12.18	34.12	180	238	A	H
		5725.24	73.21	-0.79	74	59.87	35.23	12.26	34.15	180	238	P	H
		5725.16	53.61	-0.39	54	40.27	35.23	12.26	34.15	180	238	A	H
													H
													H
	*	5696	108.12	-	-	94.85	35.21	12.18	34.12	166	143	P	V
	*	5696	98.65	-	-	85.38	35.21	12.18	34.12	166	143	A	V
		5725.96	72.94	-1.06	74	59.6	35.23	12.26	34.15	166	143	P	V
		5725.08	53.42	-0.58	54	40.08	35.23	12.26	34.15	166	143	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	49.56	-24.44	74	52.28	37.9	16.94	57.56	100	0	P	H
		16500	50.62	-23.38	74	44.31	41.4	20.88	55.97	100	0	P	H
													H
													H
		11000	47.2	-26.8	74	49.92	37.9	16.94	57.56	100	0	P	V
		16500	49.58	-24.42	74	43.27	41.4	20.88	55.97	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	55.08	-18.92	74	57.36	38	17.08	57.36	204	299	P	H
		11160	42.53	-11.47	54	44.81	38	17.08	57.36	204	299	A	H
		16740	49.58	-24.42	74	42.71	41.88	21.04	56.05	100	0	P	H
													H
		11160	50.19	-23.81	74	52.47	38	17.08	57.36	100	0	P	V
		16740	57.53	-16.47	74	50.66	41.88	21.04	56.05	243	271	P	V
		16740	41.47	-12.53	54	34.6	41.88	21.04	56.05	243	271	A	V
													V
802.11a CH 140 5700MHz		11401	59.77	-14.23	74	61.39	38.14	17.31	57.07	223	290	P	H
		11401	44.53	-9.47	54	46.15	38.14	17.31	57.07	223	290	A	H
		17100	50.85	-23.15	74	43.42	42.32	21.27	56.16	100	0	P	H
													H
		11400	56.38	-17.62	74	58	38.14	17.31	57.07	199	296	P	V
		11400	41.55	-12.45	54	43.17	38.14	17.31	57.07	199	296	A	V
		17102	58.66	-15.34	74	51.2	42.32	21.3	56.16	200	283	P	V
		17102	43.78	-10.22	54	36.32	42.32	21.3	56.16	200	283	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 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		5470	70.13	-3.87	74	56.79	35.05	11.86	33.57	111	214	P	H
		5469.52	52.14	-1.86	54	38.8	35.05	11.86	33.57	111	214	A	H
	*	5502	108.54	-	-	95.26	35.1	11.92	33.74	111	214	P	H
	*	5502	99.02	-	-	85.74	35.1	11.92	33.74	111	214	A	H
													H
													H
		5466	72.53	-1.47	74	59.19	35.05	11.86	33.57	150	175	P	V
		5469.84	53.52	-0.48	54	40.18	35.05	11.86	33.57	150	175	A	V
	*	5498	110.61	-	-	97.31	35.1	11.86	33.66	150	175	P	V
	*	5498	100.57	-	-	87.27	35.1	11.86	33.66	150	175	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5467.6	58.61	-15.39	74	45.27	35.05	11.86	33.57	151	211	P	H
		5459.92	45.27	-8.73	54	32.01	35.03	11.8	33.57	151	211	A	H
	*	5578	109.89	-	-	96.78	35.14	11.98	34.01	151	211	P	H
	*	5578	100.29	-	-	87.18	35.14	11.98	34.01	151	211	A	H
		5737.64	58.77	-15.23	74	45.44	35.24	12.26	34.17	151	211	P	H
		5725.16	45.4	-8.6	54	32.06	35.23	12.26	34.15	151	211	A	H
		5358.64	59.1	-14.9	74	45.68	34.89	11.71	33.18	144	172	P	V
		5468.08	45.46	-8.54	54	32.12	35.05	11.86	33.57	144	172	A	V
	*	5582	110.47	-	-	97.29	35.15	12.04	34.01	144	172	P	V
	*	5582	101	-	-	87.82	35.15	12.04	34.01	144	172	A	V
		5747.72	58.67	-15.33	74	45.27	35.24	12.33	34.17	144	172	P	V
		5725.4	45.49	-8.51	54	32.15	35.23	12.26	34.15	144	172	A	V



802.11n HT20 CH 140 5700MHz	*	5702	107.01	-	-	93.65	35.22	12.26	34.12	234	243	P	H
	*	5702	97.74	-	-	84.38	35.22	12.26	34.12	234	243	A	H
		5726.36	73.38	-0.62	74	60.04	35.23	12.26	34.15	234	243	P	H
		5725	50.83	-3.17	54	37.49	35.23	12.26	34.15	234	243	A	H
													H
													H
	*	5698	107.87	-	-	94.6	35.21	12.18	34.12	188	170	P	V
	*	5698	97.53	-	-	84.26	35.21	12.18	34.12	188	170	A	V
		5725	73.8	-0.2	74	60.46	35.23	12.26	34.15	188	170	P	V
		5725.08	51.52	-2.48	54	38.18	35.23	12.26	34.15	188	170	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	46.47	-27.53	74	49.19	37.9	16.94	57.56	100	0	P	H
		16500	48.48	-25.52	74	42.17	41.4	20.88	55.97	100	0	P	H
													H
													H
		11000	45.68	-28.32	74	48.4	37.9	16.94	57.56	100	0	P	V
		16500	56.27	-17.73	74	49.96	41.4	20.88	55.97	209	348	P	V
		16500	41.29	-12.71	54	34.98	41.4	20.88	55.97	209	348	A	V
													V
802.11n HT20 CH 116 5580MHz		11160	50.9	-23.1	74	53.18	38	17.08	57.36	100	0	P	H
		16740	48.1	-25.9	74	41.23	41.88	21.04	56.05	100	0	P	H
													H
													H
		11160	48.8	-25.2	74	51.08	38	17.08	57.36	100	0	P	V
		16740	55.14	-18.86	74	48.27	41.88	21.04	56.05	236	286	P	V
		16740	39.81	-14.19	54	32.94	41.88	21.04	56.05	236	286	A	V
													V
802.11n HT20 CH 140 5700MHz		11400	46.2	-27.8	74	47.82	38.14	17.31	57.07	100	0	P	H
		17100	47.77	-26.23	74	40.34	42.32	21.27	56.16	100	0	P	H
													H
													H
		11400	45.95	-28.05	74	47.57	38.14	17.31	57.07	100	0	P	V
		17100	47.79	-26.21	74	40.36	42.32	21.27	56.16	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		5469.68	69.8	-4.2	74	56.46	35.05	11.86	33.57	115	214	P	H
		5469.36	51.46	-2.54	54	38.12	35.05	11.86	33.57	115	214	A	H
	*	5508	102.41	-	-	89.13	35.1	11.92	33.74	115	214	P	H
	*	5508	92.12	-	-	78.84	35.1	11.92	33.74	115	214	A	H
		5754.52	58.91	-15.09	74	45.49	35.26	12.33	34.17	115	214	P	H
		5727.56	45.56	-8.44	54	32.22	35.23	12.26	34.15	115	214	A	H
		5463.92	72.27	-1.73	74	58.93	35.05	11.86	33.57	142	173	P	V
		5469.84	53.03	-0.97	54	39.69	35.05	11.86	33.57	142	173	A	V
	*	5508	102.57	-	-	89.29	35.1	11.92	33.74	142	173	P	V
	*	5508	93.34	-	-	80.06	35.1	11.92	33.74	142	173	A	V
		5762.28	58.21	-15.79	74	44.82	35.26	12.33	34.2	142	173	P	V
		5735.4	45.64	-8.36	54	32.31	35.24	12.26	34.17	142	173	A	V
802.11n HT40 CH 110 5550MHz		5466.16	64.04	-9.96	74	50.7	35.05	11.86	33.57	100	214	P	H
		5468.24	49.53	-4.47	54	36.19	35.05	11.86	33.57	100	214	A	H
	*	5548	105.28	-	-	92	35.13	11.98	33.83	100	214	P	H
	*	5548	96.03	-	-	82.75	35.13	11.98	33.83	100	214	A	H
		5738.84	59.01	-14.99	74	45.68	35.24	12.26	34.17	100	214	P	H
		5751.32	45.72	-8.28	54	32.32	35.24	12.33	34.17	100	214	A	H
		5465.84	65.27	-8.73	74	51.93	35.05	11.86	33.57	135	170	P	V
		5469.04	49.86	-4.14	54	36.52	35.05	11.86	33.57	135	170	A	V
	*	5548	107.65	-	-	94.37	35.13	11.98	33.83	135	170	P	V
	*	5548	96.99	-	-	83.71	35.13	11.98	33.83	135	170	A	V
		5726.44	59.07	-14.93	74	45.73	35.23	12.26	34.15	135	170	P	V
		5725.48	45.8	-8.2	54	32.46	35.23	12.26	34.15	135	170	A	V



802.11n HT40 CH 134 5670MHz		5449.68	58.45	-15.55	74	45.1	35.03	11.8	33.48	193	243	P	H
		5461.36	45.33	-8.67	54	32.01	35.03	11.86	33.57	193	243	A	H
	*	5672	107.13	-	-	93.84	35.2	12.18	34.09	193	243	P	H
	*	5672	97.69	-	-	84.4	35.2	12.18	34.09	193	243	A	H
		5726.92	70.65	-3.35	74	57.31	35.23	12.26	34.15	193	243	P	H
		5725.16	53.79	-0.21	54	40.45	35.23	12.26	34.15	193	243	A	H
		5436.4	58.54	-15.46	74	45.21	35.01	11.8	33.48	142	172	P	V
		5440.08	45.47	-8.53	54	32.14	35.01	11.8	33.48	142	172	A	V
	*	5668	105.77	-	-	92.48	35.2	12.18	34.09	142	172	P	V
	*	5668	96.66	-	-	83.37	35.2	12.18	34.09	142	172	A	V
		5726.92	71.13	-2.87	74	57.79	35.23	12.26	34.15	142	172	P	V
		5725.72	53.48	-0.52	54	40.14	35.23	12.26	34.15	142	172	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	44.76	-29.24	74	47.45	37.91	16.94	57.54	100	0	P	H
		16530	48.08	-25.92	74	41.68	41.47	20.91	55.98	100	0	P	H
													H
													H
		11020	45.41	-28.59	74	48.1	37.91	16.94	57.54	100	0	P	V
		16530	48.31	-25.69	74	41.91	41.47	20.91	55.98	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	47.05	-26.95	74	49.52	37.96	17.01	57.44	100	0	P	H
		16650	47.17	-26.83	74	40.49	41.71	20.99	56.02	100	0	P	H
													H
													H
		11100	45.25	-28.75	74	47.72	37.96	17.01	57.44	100	0	P	V
		16650	48.52	-25.48	74	41.84	41.71	20.99	56.02	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	49.69	-24.31	74	51.51	38.1	17.23	57.15	100	0	P	H
		17010	49.25	-24.75	74	41.77	42.39	21.22	56.13	100	0	P	H
													H
													H
		11340	45.89	-28.11	74	47.71	38.1	17.23	57.15	100	0	P	V
		17010	50.41	-23.59	74	42.93	42.39	21.22	56.13	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		5467.6	67.81	-6.19	74	54.47	35.05	11.86	33.57	129	213	P	H
		5464.08	51.93	-2.07	54	38.59	35.05	11.86	33.57	129	213	A	H
	*	5528	98.59	-	-	85.39	35.11	11.92	33.83	129	213	P	H
	*	5528	89.28	-	-	76.08	35.11	11.92	33.83	129	213	A	H
		5729.64	59.34	-14.66	74	46	35.23	12.26	34.15	129	213	P	H
		5725.08	46.01	-7.99	54	32.67	35.23	12.26	34.15	129	213	A	H
		5469.52	71.38	-2.62	74	58.04	35.05	11.86	33.57	130	173	P	V
		5469.84	53.54	-0.46	54	40.2	35.05	11.86	33.57	130	173	A	V
	*	5532	101.74	-	-	88.53	35.12	11.92	33.83	130	173	P	V
	*	5532	90.68	-	-	77.47	35.12	11.92	33.83	130	173	A	V
		5739.56	59.13	-14.87	74	45.8	35.24	12.26	34.17	130	173	P	V
		5752.12	45.99	-8.01	54	32.57	35.26	12.33	34.17	130	173	A	V
802.11ac VHT80 CH 122 5610MHz													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.												



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	45.68	-28.32	74	48.25	37.94	16.97	57.48	100	0	P	H
		16590	47.61	-26.39	74	41.08	41.57	20.96	56	100	0	P	H
													H
													H
		11060	45.34	-28.66	74	47.91	37.94	16.97	57.48	100	0	P	V
		16590	47.85	-26.15	74	41.32	41.57	20.96	56	100	0	P	V
													V
													V
802.11ac VHT80 CH 122 5610MHz													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 Band 3 - Straddle Channel****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 144 5720MHz	*	5720	113.78	-	-	100.44	35.23	12.26	34.15	223	236	P	H
	*	5720	103.56	-	-	90.22	35.23	12.26	34.15	223	236	A	H
													H
													H
													H
													H
	*	5720	111.97	-	-	98.63	35.23	12.26	34.15	200	168	P	V
	*	5720	102.36	-	-	89.02	35.23	12.26	34.15	200	168	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**15E band 3 - Straddle Channel****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 144 5720MHz		11440	57.38	-16.62	74	58.9	38.16	17.35	57.03	100	39	P	H
		11440	39.85	-14.15	54	41.37	38.16	17.35	57.03	100	39	A	H
		17160	49.71	-24.29	74	42.29	42.27	21.32	56.17	100	0	P	H
													H
		11440	55.16	-18.84	74	56.68	38.16	17.35	57.03	116	329	P	V
		11440	39.36	-14.64	54	40.88	38.16	17.35	57.03	116	329	A	V
		17160	49.82	-24.18	74	42.4	42.27	21.32	56.17	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 - Straddle Channel****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 144 5720MHz	*	5724	111.68	-	-	98.34	35.23	12.26	34.15	223	236	P	H
	*	5724	101.88	-	-	88.54	35.23	12.26	34.15	223	236	A	H
													H
													H
													H
													H
	*	5723	109.54	-	-	96.2	35.23	12.26	34.15	200	168	P	V
	*	5723	99.97	-	-	86.63	35.23	12.26	34.15	200	168	A	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 3 - Straddle Channel****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 144 5720MHz		11440	58.15	-15.85	74	59.67	38.16	17.35	57.03	231	290	P	H
		11440	43.84	-10.16	54	45.36	38.16	17.35	57.03	231	290	A	H
		17160	49.6	-24.4	74	42.18	42.27	21.32	56.17	100	0	P	H
													H
		11440	54.1	-19.9	74	55.62	38.16	17.35	57.03	200	295	P	V
		11440	40.66	-13.34	54	42.18	38.16	17.35	57.03	200	295	A	V
		17160	54.14	-19.86	74	46.72	42.27	21.32	56.17	200	276	P	V
		17160	42.6	-11.4	54	35.18	42.27	21.32	56.17	200	276	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**15E band 3 - Straddle Channel****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 142 5710MHz	*	5708	109.1	-	-	95.77	35.22	12.26	34.15	215	234	P	H
	*	5708	99.76	-	-	86.43	35.22	12.26	34.15	215	234	A	H
													H
													H
													H
													H
	*	5707	106.93	-	-	93.6	35.22	12.26	34.15	211	168	P	V
	*	5707	98.04	-	-	84.71	35.22	12.26	34.15	211	168	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**15E band 3 - Straddle Channel****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 142 5710MHz		11420	48.38	-25.62	74	49.97	38.15	17.31	57.05	100	0	P	H
		17130	48.21	-25.79	74	40.78	42.29	21.3	56.16	100	0	P	H
													H
													H
		11420	46.12	-27.88	74	47.71	38.15	17.31	57.05	100	0	P	V
		17130	50.23	-23.77	74	42.8	42.29	21.3	56.16	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**15E band 3 - Straddle Channel****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 138 5690MHz	*	5687	105.04	-	-	91.77	35.21	12.18	34.12	222	235	P	H
	*	5687	95.88	-	-	82.61	35.21	12.18	34.12	222	235	A	H
													H
													H
													H
													H
	*	5690	103.22	-	-	89.95	35.21	12.18	34.12	201	167	P	V
	*	5690	94	-	-	80.73	35.21	12.18	34.12	201	167	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**15E band 3 - Straddle Channel****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 138 5690MHz		11140	46.73	-27.27	74	49.1	37.98	17.05	57.4	100	0	P	H
		17070	49.34	-24.66	74	41.87	42.35	21.27	56.15	100	0	P	H
													H
													H
		11140	45.8	-28.2	74	48.17	37.98	17.05	57.4	100	0	P	V
		17070	48.73	-25.27	74	41.26	42.35	21.27	56.15	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E 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		74.28	28.83	-11.17	40	51.17	6.8	2.06	31.2	106	325	P	H
		145.83	27.26	-16.24	43.5	44.25	11.5	2.61	31.1			P	H
		250.05	22.32	-23.68	46	37.96	12.4	2.96	31			P	H
		435.8	26.95	-19.05	46	37.09	16.95	3.63	30.72			P	H
		624.8	18.48	-27.52	46	24.52	20.29	4.22	30.55			P	H
		800.5	32.35	-13.65	46	36.03	22	4.62	30.3			P	H
													H
													H
													H
													H
													H
													H
		74.28	31.02	-8.98	40	53.36	6.8	2.06	31.2	121	45	P	V
		194.16	22.47	-21.03	43.5	41.96	8.92	2.69	31.1			P	V
		237.9	22.68	-23.32	46	39.66	11.06	2.96	31			P	V
		446.3	31.24	-14.76	46	41.16	17.18	3.63	30.73			P	V
		624.8	21.42	-24.58	46	27.46	20.29	4.22	30.55			P	V
		800.5	27	-19	46	30.68	22	4.62	30.3			P	V
													V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency per 15.209(c).
!	Test result is over limit line.
P/A	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”.