



Appendix A. 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		5147.6	55.88	-18.12	74	46.27	35.18	6.72	32.29	107	113	P	H
		5150	43.67	-10.33	54	34.06	35.18	6.72	32.29	107	113	A	H
	*	5182	102.77	-	-	93.1	35.22	6.73	32.28	107	113	P	H
	*	5182	91.77	-	-	82.1	35.22	6.73	32.28	107	113	A	H
													H
													H
		5149.55	55.26	-18.74	74	45.65	35.18	6.72	32.29	200	85	P	V
		5150	43.53	-10.47	54	33.92	35.18	6.72	32.29	200	85	A	V
	*	5180	101.96	-	-	92.29	35.22	6.73	32.28	200	85	P	V
	*	5180	90.79	-	-	81.12	35.22	6.73	32.28	200	85	A	V
													V
													V
802.11a CH 44 5220MHz		5147.15	52.56	-21.44	74	42.95	35.18	6.72	32.29	105	117	P	H
		5149.7	42.43	-11.57	54	32.82	35.18	6.72	32.29	105	117	A	H
	*	5222	107.26	-	-	97.51	35.26	6.76	32.27	105	117	P	H
	*	5222	95.79	-	-	86.04	35.26	6.76	32.27	105	117	A	H
		5384.32	53.27	-20.73	74	43.15	35.46	6.88	32.22	105	117	P	H
		5378.16	42.9	-11.1	54	32.81	35.46	6.85	32.22	105	117	A	H
		5100.8	53.16	-20.84	74	43.65	35.12	6.69	32.3	186	101	P	V
		5150	42.37	-11.63	54	32.76	35.18	6.72	32.29	186	101	A	V
	*	5218	104.36	-	-	94.61	35.26	6.76	32.27	186	101	P	V
	*	5218	93.26	-	-	83.51	35.26	6.76	32.27	186	101	A	V
		5380.8	52.97	-21.03	74	42.85	35.46	6.88	32.22	186	101	P	V
		5383.66	42.85	-11.15	54	32.73	35.46	6.88	32.22	186	101	A	V



802.11a CH 48 5240MHz	*	5236	106.24	-	-	96.46	35.28	6.76	32.26	107	118	P	H
	*	5236	95.17	-	-	85.39	35.28	6.76	32.26	107	118	A	H
		5446.25	53.11	-20.89	74	42.85	35.54	6.92	32.2	107	118	P	H
		5402.58	42.45	-11.55	54	32.31	35.48	6.88	32.22	107	118	A	H
													H
													H
	*	5238	101.21	-	-	91.42	35.28	6.77	32.26	100	273	P	V
	*	5238	90.1	-	-	80.31	35.28	6.77	32.26	100	273	A	V
		5427.11	52.71	-21.29	74	42.52	35.5	6.9	32.21	100	273	P	V
		5404.01	42.46	-11.54	54	32.3	35.48	6.9	32.22	100	273	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		10359	44.11	-29.89	74	53.29	38.2	9.8	57.18	100	0	P	H
		15540	49.73	-24.27	74	55.55	40.64	11.81	58.27	100	0	P	H
													H
													H
		10359	44.68	-29.32	74	53.86	38.2	9.8	57.18	100	0	P	V
		15542	55.62	-18.38	74	61.44	40.64	11.81	58.27	100	180	P	V
		15542	43.05	-10.95	54	48.87	40.64	11.81	58.27	100	180	A	V
													V
802.11a CH 44 5220MHz		10440	44.48	-29.52	74	53.6	38.2	9.82	57.14	100	0	P	H
		15662	55.16	-18.84	74	60.75	40.79	11.8	58.18	100	58	P	H
		15662	42.47	-11.53	54	48.06	40.79	11.8	58.18	100	58	A	H
													H
		10440	43.79	-30.21	74	52.91	38.2	9.82	57.14	100	0	P	V
		15662	61.3	-12.7	74	66.89	40.79	11.8	58.18	100	177	P	V
		15662	48.74	-5.26	54	54.33	40.79	11.8	58.18	100	177	A	V
													V
802.11a CH 48 5240MHz		10479	43.51	-30.49	74	52.58	38.2	9.84	57.11	100	0	P	H
		15720	56.82	-17.18	74	62.27	40.87	11.8	58.12	100	59	P	H
		15720	45.02	-8.98	54	50.47	40.87	11.8	58.12	100	59	A	H
													H
		10479	44.88	-29.12	74	53.95	38.2	9.84	57.11	100	0	P	V
		15722	61.18	-12.82	74	66.63	40.87	11.8	58.12	100	168	P	V
		15722	48.73	-5.27	54	54.18	40.87	11.8	58.12	100	168	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 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		5149.7	55.06	-18.94	74	45.45	35.18	6.72	32.29	130	117	P	H
		5150	43.56	-10.44	54	33.95	35.18	6.72	32.29	130	117	A	H
	*	5181	102.39	-	-	92.72	35.22	6.73	32.28	130	117	P	H
	*	5181	91.4	-	-	81.73	35.22	6.73	32.28	130	117	A	H
													H
													H
		5148.95	54.08	-19.92	74	44.47	35.18	6.72	32.29	173	80	P	V
		5150	43.29	-10.71	54	33.68	35.18	6.72	32.29	173	80	A	V
	*	5182	101.69	-	-	92.02	35.22	6.73	32.28	173	80	P	V
	*	5182	90.83	-	-	81.16	35.22	6.73	32.28	173	80	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5147.6	52.25	-21.75	74	42.64	35.18	6.72	32.29	106	117	P	H
		5149.4	42.23	-11.77	54	32.62	35.18	6.72	32.29	106	117	A	H
	*	5222	105.04	-	-	95.29	35.26	6.76	32.27	106	117	P	H
	*	5222	94.19	-	-	84.44	35.26	6.76	32.27	106	117	A	H
		5382.01	52.64	-21.36	74	42.52	35.46	6.88	32.22	106	117	P	H
		5378.71	42.57	-11.43	54	32.48	35.46	6.85	32.22	106	117	A	H
		5144.3	52.63	-21.37	74	43.02	35.18	6.72	32.29	198	83	P	V
		5150	42.32	-11.68	54	32.71	35.18	6.72	32.29	198	83	A	V
	*	5222	102.78	-	-	93.03	35.26	6.76	32.27	198	83	P	V
	*	5222	91.93	-	-	82.18	35.26	6.76	32.27	198	83	A	V
		5384.76	53.12	-20.88	74	43	35.46	6.88	32.22	198	83	P	V
		5383.77	42.47	-11.53	54	32.35	35.46	6.88	32.22	198	83	A	V



802.11n HT20 CH 48 5240MHz		5084.3	52.59	-21.41	74	43.12	35.1	6.68	32.31	116	118	P	H
		5149.55	41.87	-12.13	54	32.26	35.18	6.72	32.29	116	118	A	H
	*	5238	105.81	-	-	96.02	35.28	6.77	32.26	116	118	P	H
	*	5238	94.98	-	-	85.19	35.28	6.77	32.26	116	118	A	H
		5371.34	53.47	-20.53	74	43.41	35.44	6.85	32.23	116	118	P	H
		5403.46	42.42	-11.58	54	32.28	35.48	6.88	32.22	116	118	A	H
		5080.85	52.56	-21.44	74	43.09	35.1	6.68	32.31	194	106	P	V
		5076.95	42.08	-11.92	54	32.61	35.1	6.68	32.31	194	106	A	V
	*	5238	103.28	-	-	93.49	35.28	6.77	32.26	194	106	P	V
	*	5238	92.25	-	-	82.46	35.28	6.77	32.26	194	106	A	V
		5353.74	52.5	-21.5	74	42.48	35.42	6.83	32.23	194	106	P	V
		5403.02	42.38	-11.62	54	32.24	35.48	6.88	32.22	194	106	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	44.37	-29.63	74	53.55	38.2	9.8	57.18	100	0	P	H
		15538	50.99	-23.01	74	56.81	40.64	11.81	58.27	100	0	P	H
													H
													H
		10359	44.22	-29.78	74	53.4	38.2	9.8	57.18	100	0	P	V
		15540	52	-22	74	57.82	40.64	11.81	58.27	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	43.63	-30.37	74	52.75	38.2	9.82	57.14	100	0	P	H
		15662	53.75	-20.25	74	59.34	40.79	11.8	58.18	100	0	P	H
													H
													H
		10440	43.61	-30.39	74	52.73	38.2	9.82	57.14	100	0	P	V
		15658	59.1	-14.9	74	64.69	40.79	11.8	58.18	100	156	P	V
		15658	46.7	-7.3	54	52.29	40.79	11.8	58.18	100	156	A	V
													V
802.11n HT20 CH 48 5240MHz		10479	44.35	-29.65	74	53.42	38.2	9.84	57.11	100	0	P	H
		15722	55.7	-18.3	74	61.15	40.87	11.8	58.12	100	43	P	H
		15722	42.43	-11.57	54	47.88	40.87	11.8	58.12	100	43	A	H
													H
		10479	44.64	-29.36	74	53.71	38.2	9.84	57.11	100	0	P	V
		15720	61.66	-12.34	74	67.11	40.87	11.8	58.12	100	143	P	V
		15720	49.31	-4.69	54	54.76	40.87	11.8	58.12	100	143	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		5147.45	55.92	-18.08	74	46.31	35.18	6.72	32.29	107	119	P	H
		5150	44.99	-9.01	54	35.38	35.18	6.72	32.29	107	119	A	H
	*	5188	97.58	-	-	87.91	35.22	6.73	32.28	107	119	P	H
	*	5188	87.83	-	-	78.16	35.22	6.73	32.28	107	119	A	H
		5365.73	52.78	-21.22	74	42.72	35.44	6.85	32.23	107	119	P	H
		5437.12	42.72	-11.28	54	32.49	35.52	6.92	32.21	107	119	A	H
		5147.75	55.37	-18.63	74	45.76	35.18	6.72	32.29	162	97	P	V
		5150	43.98	-10.02	54	34.37	35.18	6.72	32.29	162	97	A	V
	*	5192	95.45	-	-	85.73	35.24	6.75	32.27	162	97	P	V
	*	5192	85.47	-	-	75.75	35.24	6.75	32.27	162	97	A	V
		5387.73	53.17	-20.83	74	43.05	35.46	6.88	32.22	162	97	P	V
		5359.13	42.82	-11.18	54	32.78	35.42	6.85	32.23	162	97	A	V
802.11n HT40 CH 46 5230MHz		5149.85	56.37	-17.63	74	46.76	35.18	6.72	32.29	107	118	P	H
		5150	44.44	-9.56	54	34.83	35.18	6.72	32.29	107	118	A	H
	*	5228	104.16	-	-	94.38	35.28	6.76	32.26	107	118	P	H
	*	5228	94.5	-	-	84.72	35.28	6.76	32.26	107	118	A	H
		5418.86	53.58	-20.42	74	43.39	35.5	6.9	32.21	107	118	P	H
		5387.95	42.8	-11.2	54	32.68	35.46	6.88	32.22	107	118	A	H
		5139.95	53.2	-20.8	74	43.6	35.18	6.71	32.29	196	87	P	V
		5149.4	43.43	-10.57	54	33.82	35.18	6.72	32.29	196	87	A	V
	*	5228	102.61	-	-	92.83	35.28	6.76	32.26	196	87	P	V
	*	5228	92.37	-	-	82.59	35.28	6.76	32.26	196	87	A	V
		5434.48	53.36	-20.64	74	43.13	35.52	6.92	32.21	196	87	P	V
		5383	42.96	-11.04	54	32.84	35.46	6.88	32.22	196	87	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	43.52	-30.48	74	52.68	38.2	9.81	57.17	100	0	P	H
		15572	47.3	-26.7	74	53.05	40.68	11.81	58.24	100	0	P	H
													H
													H
		10380	43.2	-30.8	74	52.36	38.2	9.81	57.17	100	0	P	V
		15572	50.04	-23.96	74	55.79	40.68	11.81	58.24	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	43.19	-30.81	74	52.29	38.2	9.83	57.13	100	0	P	H
		15688	52.88	-21.12	74	58.4	40.83	11.8	58.15	100	0	P	H
													H
													H
		10458	44.6	-29.4	74	53.7	38.2	9.83	57.13	100	0	P	V
		15692	55.53	-18.47	74	61.05	40.83	11.8	58.15	104	150	P	V
		15692	46.37	-7.63	54	51.89	40.83	11.8	58.15	104	150	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 802.11ac 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		5140.25	62.91	-11.09	74	53.3	35.18	6.72	32.29	106	118	P	H
		5147.3	49.37	-4.63	54	39.76	35.18	6.72	32.29	106	118	A	H
	*	5212	98	-	-	88.25	35.26	6.76	32.27	106	118	P	H
	*	5212	88.02	-	-	78.27	35.26	6.76	32.27	106	118	A	H
		5373.98	52.58	-21.42	74	42.52	35.44	6.85	32.23	106	118	P	H
		5358.14	42.73	-11.27	54	32.69	35.42	6.85	32.23	106	118	A	H
		5139.65	63	-11	74	53.4	35.18	6.71	32.29	196	89	P	V
		5142.05	48	-6	54	38.39	35.18	6.72	32.29	196	89	A	V
	*	5212	95.53	-	-	85.78	35.26	6.76	32.27	196	89	P	V
	*	5212	85.88	-	-	76.13	35.26	6.76	32.27	196	89	A	V
		5381.46	53.09	-20.91	74	42.97	35.46	6.88	32.22	196	89	P	V
		5427.88	42.81	-11.19	54	32.62	35.5	6.9	32.21	196	89	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	43.42	-30.58	74	52.55	38.2	9.82	57.15	100	0	P	H
		15632	46.5	-27.5	74	52.12	40.77	11.8	58.19	100	0	P	H
													H
													H
		10420	43.79	-30.21	74	52.92	38.2	9.82	57.15	100	0	P	V
		15630	46.14	-27.86	74	51.76	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		5125.7	52.82	-21.18	74	43.24	35.16	6.71	32.29	106	116	P	H
		5095.7	42.36	-11.64	54	32.85	35.12	6.69	32.3	106	116	A	H
	*	5258	106.43	-	-	96.62	35.3	6.77	32.26	106	116	P	H
	*	5258	95.11	-	-	85.3	35.3	6.77	32.26	106	116	A	H
													H
													H
		5102.6	53.37	-20.63	74	43.86	35.12	6.69	32.3	182	100	P	V
		5096.45	42.5	-11.5	54	32.99	35.12	6.69	32.3	182	100	A	V
	*	5258	104.04	-	-	94.23	35.3	6.77	32.26	182	100	P	V
	*	5258	92.96	-	-	83.15	35.3	6.77	32.26	182	100	A	V
													V
													V
802.11a CH 60 5300MHz		5003.9	52.66	-21.34	74	43.33	35.02	6.64	32.33	104	120	P	H
		5143.25	42.04	-11.96	54	32.43	35.18	6.72	32.29	104	120	A	H
	*	5298	105.03	-	-	95.12	35.36	6.8	32.25	104	120	P	H
	*	5298	93.49	-	-	83.58	35.36	6.8	32.25	104	120	A	H
		5363.09	56.84	-17.16	74	46.78	35.44	6.85	32.23	104	120	P	H
		5358.91	45.09	-8.91	54	35.05	35.42	6.85	32.23	104	120	A	H
		5087.45	52.78	-21.22	74	43.31	35.1	6.68	32.31	106	94	P	V
		5143.4	42.03	-11.97	54	32.42	35.18	6.72	32.29	106	94	A	V
	*	5302	101.69	-	-	91.78	35.36	6.8	32.25	106	94	P	V
	*	5302	91.13	-	-	81.22	35.36	6.8	32.25	106	94	A	V
		5358.58	55.91	-18.09	74	45.87	35.42	6.85	32.23	106	94	P	V
		5360.12	44.42	-9.58	54	34.38	35.42	6.85	32.23	106	94	A	V



802.11a CH 64 5320MHz	*	5322	102.5	-	-	92.55	35.38	6.81	32.24	104	121	P	H
	*	5322	92.07	-	-	82.12	35.38	6.81	32.24	104	121	P	H
		5359.57	56.71	-17.29	74	46.67	35.42	6.85	32.23	104	121	P	H
		5360.34	44.19	-9.81	54	34.15	35.42	6.85	32.23	104	121	A	H
													H
													H
	*	5322	97.46	-	-	87.51	35.38	6.81	32.24	100	269	P	V
	*	5322	86.38	-	-	76.43	35.38	6.81	32.24	100	269	A	V
		5373.43	53.88	-20.12	74	43.82	35.44	6.85	32.23	100	269	P	V
		5361.88	42.83	-11.17	54	32.77	35.44	6.85	32.23	100	269	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		10521	44.02	-29.98	74	53.05	38.21	9.86	57.1	100	0	P	H
		15780	60.69	-13.31	74	66.04	40.93	11.8	58.08	100	66	P	H
		15780	48.98	-5.02	54	54.33	40.93	11.8	58.08	100	66	A	H
													H
		10520	43.45	-30.55	74	52.48	38.21	9.86	57.1	100	0	P	V
		15780	62.86	-11.14	74	68.21	40.93	11.8	58.08	100	188	P	V
		15780	51.53	-2.47	54	56.88	40.93	11.8	58.08	100	188	A	V
													V
802.11a CH 60 5300MHz		10599	43.52	-30.48	74	52.48	38.28	9.88	57.12	100	0	P	H
		15900	59.33	-14.67	74	64.46	41.08	11.77	57.98	100	54	P	H
		15900	46.98	-7.02	54	52.11	41.08	11.77	57.98	100	54	A	H
													H
		10599	43.33	-30.67	74	52.29	38.28	9.88	57.12	100	0	P	V
		15903	64.48	-9.52	74	69.58	41.1	11.77	57.97	100	211	P	V
		15903	52.12	-1.88	54	57.22	41.1	11.77	57.97	100	211	A	V
													V
802.11a CH 64 5320MHz		10641	43.37	-30.63	74	52.29	38.31	9.9	57.13	100	0	P	H
		15960	55.9	-18.1	74	60.91	41.16	11.76	57.93	100	52	P	H
		15960	43.32	-10.68	54	48.33	41.16	11.76	57.93	100	52	A	H
													H
		10641	43.85	-30.15	74	52.77	38.31	9.9	57.13	100	0	P	V
		15960	61.19	-12.81	74	66.2	41.16	11.76	57.93	100	196	P	V
		15960	49.7	-4.3	54	54.71	41.16	11.76	57.93	100	196	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 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		5075.9	52.44	-21.56	74	42.97	35.1	6.68	32.31	105	57	P	H
		5097.5	41.82	-12.18	54	32.31	35.12	6.69	32.3	105	57	A	H
	*	5258	103.15	-	-	93.34	35.3	6.77	32.26	105	57	P	H
	*	5258	91.74	-	-	81.93	35.3	6.77	32.26	105	57	A	H
		5380.25	52.85	-21.15	74	42.73	35.46	6.88	32.22	105	57	P	H
		5361.88	42.42	-11.58	54	32.36	35.44	6.85	32.23	105	57	A	H
		5093.75	52.75	-21.25	74	43.24	35.12	6.69	32.3	182	73	P	V
		5096	41.96	-12.04	54	32.45	35.12	6.69	32.3	182	73	A	V
	*	5258	102.41	-	-	92.6	35.3	6.77	32.26	182	73	P	V
	*	5258	91.3	-	-	81.49	35.3	6.77	32.26	182	73	A	V
		5403.79	52.66	-21.34	74	42.52	35.48	6.88	32.22	182	73	P	V
		5424.36	42.32	-11.68	54	32.13	35.5	6.9	32.21	182	73	A	V
802.11n HT20 CH 60 5300MHz		5138	52.92	-21.08	74	43.34	35.16	6.71	32.29	103	58	P	H
		5073.35	41.76	-12.24	54	32.29	35.1	6.68	32.31	103	58	A	H
	*	5302	102.83	-	-	92.92	35.36	6.8	32.25	103	58	P	H
	*	5302	91.8	-	-	81.89	35.36	6.8	32.25	103	58	A	H
		5352.53	56.4	-17.6	74	46.38	35.42	6.83	32.23	103	58	P	H
		5358.47	44.48	-9.52	54	34.44	35.42	6.85	32.23	103	58	A	H
		5044.85	52.62	-21.38	74	43.21	35.06	6.67	32.32	125	91	P	V
		5075	41.89	-12.11	54	32.42	35.1	6.68	32.31	125	91	A	V
	*	5296	102.6	-	-	92.69	35.36	6.8	32.25	125	91	P	V
	*	5296	90.72	-	-	80.81	35.36	6.8	32.25	125	91	A	V
		5363.31	55.45	-18.55	74	45.39	35.44	6.85	32.23	125	91	P	V
		5363.2	43.98	-10.02	54	33.92	35.44	6.85	32.23	125	91	A	V



802.11n HT20 CH 64 5320MHz	*	5321	102.33	-	-	92.38	35.38	6.81	32.24	105	121	P	H
	*	5321	91.16	-	-	81.21	35.38	6.81	32.24	105	121	A	H
		5361.88	56.68	-17.32	74	46.62	35.44	6.85	32.23	105	121	P	H
		5360.01	43.86	-10.14	54	33.82	35.42	6.85	32.23	105	121	A	H
													H
													H
	*	5322	100.84	-	-	90.89	35.38	6.81	32.24	123	94	P	V
	*	5322	89.41	-	-	79.46	35.38	6.81	32.24	123	94	A	V
		5350.11	56.81	-17.19	74	46.79	35.42	6.83	32.23	123	94	P	V
		5364.85	43.53	-10.47	54	33.47	35.44	6.85	32.23	123	94	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		10521	44.39	-29.61	74	53.42	38.21	9.86	57.1	100	0	P	H
		15782	59.91	-14.09	74	65.23	40.95	11.8	58.07	100	79	P	H
		15782	47.71	-6.29	54	53.03	40.95	11.8	58.07	100	79	A	H
													H
		10521	45.04	-28.96	74	54.07	38.21	9.86	57.1	100	0	P	V
		15782	62.49	-11.51	74	67.81	40.95	11.8	58.07	100	155	P	V
		15782	50.06	-3.94	54	55.38	40.95	11.8	58.07	100	155	A	V
													V
802.11n HT20 CH 60 5300MHz		10599	44.16	-29.84	74	53.12	38.28	9.88	57.12	100	0	P	H
		15898	60.17	-13.83	74	65.3	41.08	11.77	57.98	100	47	P	H
		15898	47.88	-6.12	54	53.01	41.08	11.77	57.98	100	47	A	H
													H
		10599	44.18	-29.82	74	53.14	38.28	9.88	57.12	100	0	P	V
		15900	63.96	-10.04	74	69.09	41.08	11.77	57.98	100	132	P	V
		15900	50.72	-3.28	54	55.85	41.08	11.77	57.98	100	132	A	V
													V
802.11n HT20 CH 64 5320MHz		10641	43.68	-30.32	74	52.6	38.31	9.9	57.13	100	0	P	H
		15962	56.86	-17.14	74	61.87	41.16	11.76	57.93	100	33	P	H
		15962	43.45	-10.55	54	48.46	41.16	11.76	57.93	100	33	A	H
													H
		10641	43.96	-30.04	74	52.88	38.31	9.9	57.13	100	0	P	V
		15960	63.22	-10.78	74	68.23	41.16	11.76	57.93	100	159	P	V
		15960	50.87	-3.13	54	55.88	41.16	11.76	57.93	100	159	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		5113.85	53.34	-20.66	74	43.81	35.14	6.69	32.3	106	119	P	H
		5099.75	42.63	-11.37	54	33.12	35.12	6.69	32.3	106	119	A	H
	*	5268	102.22	-	-	92.37	35.32	6.79	32.26	106	119	P	H
	*	5268	92.7	-	-	82.85	35.32	6.79	32.26	106	119	A	H
		5357.7	54.98	-19.02	74	44.94	35.42	6.85	32.23	106	119	P	H
		5351.21	43.89	-10.11	54	33.87	35.42	6.83	32.23	106	119	A	H
		5097.95	52.15	-21.85	74	42.64	35.12	6.69	32.3	193	75	P	V
		5096.3	42.48	-11.52	54	32.97	35.12	6.69	32.3	193	75	A	V
	*	5268	99.38	-	-	89.53	35.32	6.79	32.26	193	75	P	V
	*	5268	89.74	-	-	79.89	35.32	6.79	32.26	193	75	A	V
		5351.65	52.92	-21.08	74	42.9	35.42	6.83	32.23	193	75	P	V
		5350	43.17	-10.83	54	33.15	35.42	6.83	32.23	193	75	A	V
802.11n HT40 CH 62 5310MHz		5059.1	52.47	-21.53	74	43.03	35.08	6.67	32.31	105	120	P	H
		5148.35	42.39	-11.61	54	32.78	35.18	6.72	32.29	105	120	A	H
	*	5312	98.89	-	-	88.94	35.38	6.81	32.24	105	120	P	H
	*	5312	89.48	-	-	79.53	35.38	6.81	32.24	105	120	A	H
		5350.55	58.15	-15.85	74	48.13	35.42	6.83	32.23	105	120	P	H
		5350.33	46.54	-7.46	54	36.52	35.42	6.83	32.23	105	120	A	H
		5129	52.94	-21.06	74	43.36	35.16	6.71	32.29	167	91	P	V
		5073.2	42.64	-11.36	54	33.17	35.1	6.68	32.31	167	91	A	V
	*	5312	97.03	-	-	87.08	35.38	6.81	32.24	167	91	P	V
	*	5312	87.44	-	-	77.49	35.38	6.81	32.24	167	91	A	V
		5353.41	57.7	-16.3	74	47.68	35.42	6.83	32.23	167	91	P	V
		5351.1	45.7	-8.3	54	35.68	35.42	6.83	32.23	167	91	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	43.29	-30.71	74	52.31	38.23	9.86	57.11	100	0	P	H
		15810	55.06	-18.94	74	60.34	40.97	11.8	58.05	100	137	P	H
		15810	45.68	-8.32	54	50.96	40.97	11.8	58.05	100	137	A	H
													H
		10542	44.81	-29.19	74	53.83	38.23	9.86	57.11	100	0	P	V
		15808	59.42	-14.58	74	64.7	40.97	11.8	58.05	100	159	P	V
		15808	49.75	-4.25	54	55.03	40.97	11.8	58.05	100	159	A	V
													V
802.11n HT40 CH 62 5310MHz		10620	43.89	-30.11	74	52.82	38.3	9.89	57.12	100	0	P	H
		15930	52.47	-21.53	74	57.55	41.12	11.76	57.96	100	0	P	H
													H
													H
		10618	43.84	-30.16	74	52.77	38.3	9.89	57.12	100	0	P	V
		15930	58.11	-15.89	74	63.19	41.12	11.76	57.96	100	170	P	V
		15930	48.99	-5.01	54	54.07	41.12	11.76	57.96	100	170	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 802.11ac 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		5146.1	54.19	-19.81	74	44.58	35.18	6.72	32.29	115	122	P	H
		5149.55	42.72	-11.28	54	33.11	35.18	6.72	32.29	115	122	A	H
	*	5288	95.27	-	-	85.38	35.34	6.8	32.25	115	122	P	H
	*	5288	85.64	-	-	75.75	35.34	6.8	32.25	115	122	A	H
		5363.31	58.67	-15.33	74	48.61	35.44	6.85	32.23	115	122	P	H
		5362.43	46.32	-7.68	54	36.26	35.44	6.85	32.23	115	122	A	H
		5140.4	54.21	-19.79	74	44.6	35.18	6.72	32.29	196	80	P	V
		5147.9	42.8	-11.2	54	33.19	35.18	6.72	32.29	196	80	A	V
	*	5288	93.6	-	-	83.71	35.34	6.8	32.25	196	80	P	V
	*	5288	83.68	-	-	73.79	35.34	6.8	32.25	196	80	A	V
		5363.31	57.34	-16.66	74	47.28	35.44	6.85	32.23	196	80	P	V
		5368.81	45.26	-8.74	54	35.2	35.44	6.85	32.23	196	80	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	43.78	-30.22	74	52.76	38.27	9.87	57.12	100	0	P	H
		15872	53.32	-20.68	74	58.48	41.06	11.78	58	100	0	P	H
													H
													H
		10578	44.18	-29.82	74	53.16	38.26	9.87	57.11	100	0	P	V
		15872	56.81	-17.19	74	61.97	41.06	11.78	58	100	172	P	V
		15872	46.49	-7.51	54	51.65	41.06	11.78	58	100	172	A	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		5457.84	53.46	-20.54	74	43.18	35.54	6.94	32.2	100	120	P	H
		5470	42.99	-11.01	54	32.69	35.56	6.94	32.2	100	120	A	H
	*	5502	102.77	-	-	92.38	35.6	6.98	32.19	100	120	P	H
	*	5502	91.62	-	-	81.23	35.6	6.98	32.19	100	120	A	H
													H
													H
		5470	55.07	-18.93	74	44.77	35.56	6.94	32.2	100	88	P	V
		5470	43.2	-10.8	54	32.9	35.56	6.94	32.2	100	88	A	V
	*	5498	102.81	-	-	92.44	35.6	6.96	32.19	100	88	P	V
	*	5498	92.01	-	-	81.64	35.6	6.96	32.19	100	88	A	V
													V
													V
802.11a CH 116 5580MHz		5432.08	53.37	-20.63	74	43.14	35.52	6.92	32.21	100	122	P	H
		5424.08	42.67	-11.33	54	32.48	35.5	6.9	32.21	100	122	A	H
	*	5582	104.34	-	-	93.79	35.67	7.04	32.16	100	122	P	H
	*	5582	92.82	-	-	82.27	35.67	7.04	32.16	100	122	A	H
		5739.48	55.31	-18.69	74	44.47	35.79	7.16	32.11	100	122	P	H
		5744.04	43.09	-10.91	54	32.23	35.79	7.18	32.11	100	122	A	H
		5415.6	53.11	-20.89	74	42.92	35.5	6.9	32.21	100	90	P	V
		5417.52	42.59	-11.41	54	32.4	35.5	6.9	32.21	100	90	A	V
	*	5582	104.11	-	-	93.56	35.67	7.04	32.16	100	90	P	V
	*	5582	92.88	-	-	82.33	35.67	7.04	32.16	100	90	A	V
		5732.76	53.64	-20.36	74	42.82	35.78	7.16	32.12	100	90	P	V
		5738.12	43.12	-10.88	54	32.28	35.79	7.16	32.11	100	90	A	V



802.11a CH 140 5700MHz	*	5702	100.45	-	-	89.65	35.77	7.15	32.12	106	117	P	H
	*	5702	88.93	-	-	78.13	35.77	7.15	32.12	106	117	A	H
		5726.44	55.09	-18.91	74	44.27	35.78	7.16	32.12	106	117	P	H
		5725	43.73	-10.27	54	32.91	35.78	7.16	32.12	106	117	A	H
													H
													H
	*	5698	99.85	-	-	89.08	35.75	7.15	32.13	163	98	P	V
	*	5698	89.11	-	-	78.34	35.75	7.15	32.13	163	98	A	V
		5729.32	54.83	-19.17	74	44.01	35.78	7.16	32.12	163	98	P	V
		5725	43.73	-10.27	54	32.91	35.78	7.16	32.12	163	98	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		11001	44.87	-29.13	74	53.39	38.6	10.08	57.2	100	0	P	H
		16500	50.61	-23.39	74	54.13	41.4	12.18	57.1	100	0	P	H
													H
													H
		11001	44.65	-29.35	74	53.17	38.6	10.08	57.2	100	0	P	V
		16500	55.32	-18.68	74	58.84	41.4	12.18	57.1	100	191	P	V
		16500	42.94	-11.06	54	46.46	41.4	12.18	57.1	100	191	A	V
													V
802.11a CH 116 5580MHz		11160	45.64	-28.36	74	53.86	38.73	10.15	57.1	100	0	P	H
		16740	55.21	-18.79	74	58.25	41.74	12.32	57.1	100	55	P	H
		16740	43.27	-10.73	54	46.31	41.74	12.32	57.1	100	55	A	H
													H
		11160	44.96	-29.04	74	53.18	38.73	10.15	57.1	100	0	P	V
		16740	58.77	-15.23	74	61.81	41.74	12.32	57.1	100	169	P	V
		16740	46.52	-7.48	54	49.56	41.74	12.32	57.1	100	169	A	V
													V
802.11a CH 140 5700MHz		11400	45.55	-28.45	74	53.31	38.92	10.28	56.96	100	0	P	H
		17100	57.29	-16.71	74	60.11	42.06	12.48	57.36	100	47	P	H
		17100	45.23	-8.77	54	48.05	42.06	12.48	57.36	100	47	A	H
													H
		11400	45.91	-28.09	74	53.67	38.92	10.28	56.96	100	0	P	V
		17100	59.3	-14.7	74	62.12	42.06	12.48	57.36	100	195	P	V
		17100	47.4	-6.6	54	50.22	42.06	12.48	57.36	100	195	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		5469.04	55.56	-18.44	74	45.26	35.56	6.94	32.2	101	120	P	H
		5469.84	43.64	-10.36	54	33.34	35.56	6.94	32.2	101	120	A	H
	*	5498	104.5	-	-	94.13	35.6	6.96	32.19	101	120	P	H
	*	5498	93.26	-	-	82.89	35.6	6.96	32.19	101	120	A	H
													H
													H
		5468.72	54.2	-19.8	74	43.9	35.56	6.94	32.2	100	92	P	V
		5470	43.34	-10.66	54	33.04	35.56	6.94	32.2	100	92	A	V
	*	5502	103.97	-	-	93.58	35.6	6.98	32.19	100	92	P	V
	*	5502	92.69	-	-	82.3	35.6	6.98	32.19	100	92	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5394.16	53.46	-20.54	74	43.34	35.46	6.88	32.22	100	122	P	H
		5423.92	42.5	-11.5	54	32.31	35.5	6.9	32.21	100	122	A	H
	*	5582	103.75	-	-	93.2	35.67	7.04	32.16	100	122	P	H
	*	5582	92.09	-	-	81.54	35.67	7.04	32.16	100	122	A	H
		5758.12	53.3	-20.7	74	42.42	35.81	7.18	32.11	100	122	P	H
		5743.48	43.02	-10.98	54	32.16	35.79	7.18	32.11	100	122	A	H
		5415.6	53.36	-20.64	74	43.17	35.5	6.9	32.21	100	94	P	V
		5423.92	42.45	-11.55	54	32.26	35.5	6.9	32.21	100	94	A	V
	*	5582	103.81	-	-	93.26	35.67	7.04	32.16	100	94	P	V
	*	5582	92.44	-	-	81.89	35.67	7.04	32.16	100	94	A	V
		5745.4	53.19	-20.81	74	42.33	35.79	7.18	32.11	100	94	P	V
		5742.04	43.08	-10.92	54	32.22	35.79	7.18	32.11	100	94	A	V



802.11n HT20 CH 140 5700MHz	*	5702	100.28	-	-	89.48	35.77	7.15	32.12	106	117	P	H
	*	5702	88.79	-	-	77.99	35.77	7.15	32.12	106	117	A	H
		5733.08	55.24	-18.76	74	44.42	35.78	7.16	32.12	106	117	P	H
		5725	43.8	-10.2	54	32.98	35.78	7.16	32.12	106	117	A	H
													H
													H
	*	5698	100.02	-	-	89.25	35.75	7.15	32.13	106	92	P	V
	*	5698	88.62	-	-	77.85	35.75	7.15	32.13	106	92	A	V
		5726.36	55.59	-18.41	74	44.77	35.78	7.16	32.12	106	92	P	V
		5725	43.89	-10.11	54	33.07	35.78	7.16	32.12	106	92	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		11001	44.59	-29.41	74	53.11	38.6	10.08	57.2	100	0	P	H
		16498	53.18	-20.82	74	56.7	41.4	12.18	57.1	100	0	P	H
													H
													H
		11001	46.54	-27.46	74	55.06	38.6	10.08	57.2	100	0	P	V
		16502	57.66	-16.34	74	61.18	41.4	12.18	57.1	100	156	P	V
		16502	44.59	-9.41	54	48.11	41.4	12.18	57.1	100	156	A	V
													V
802.11n HT20 CH 116 5580MHz		11160	44.45	-29.55	74	52.67	38.73	10.15	57.1	100	0	P	H
		16738	56.85	-17.15	74	59.89	41.74	12.32	57.1	100	38	P	H
		16738	44.18	-9.82	54	47.22	41.74	12.32	57.1	100	38	A	H
													H
		11160	45.24	-28.76	74	53.46	38.73	10.15	57.1	100	0	P	V
		16742	61.02	-12.98	74	64.06	41.74	12.32	57.1	100	128	P	V
		16742	49.03	-4.97	54	52.07	41.74	12.32	57.1	100	128	A	V
													V
802.11n HT20 CH 140 5700MHz		11400	44.4	-29.6	74	52.16	38.92	10.28	56.96	100	0	P	H
		17098	57.99	-16.01	74	60.81	42.06	12.48	57.36	100	48	P	H
		17098	44.84	-9.16	54	47.66	42.06	12.48	57.36	100	48	A	H
													H
		11400	46.59	-27.41	74	54.35	38.92	10.28	56.96	100	0	P	V
		17098	57.09	-16.91	74	59.91	42.06	12.48	57.36	100	162	P	V
		17098	43.76	-10.24	54	46.58	42.06	12.48	57.36	100	162	A	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		5469.2	57.24	-16.76	74	46.94	35.56	6.94	32.2	100	120	P	H
		5468.72	45.52	-8.48	54	35.22	35.56	6.94	32.2	100	120	A	H
	*	5512	100.3	-	-	89.91	35.6	6.98	32.19	100	120	P	H
	*	5512	90.69	-	-	80.3	35.6	6.98	32.19	100	120	A	H
		5757.96	53.29	-20.71	74	42.41	35.81	7.18	32.11	100	120	P	H
		5758.92	43.45	-10.55	54	32.57	35.81	7.18	32.11	100	120	A	H
		5455.44	56.7	-17.3	74	46.42	35.54	6.94	32.2	101	91	P	V
		5470	45.46	-8.54	54	35.16	35.56	6.94	32.2	101	91	A	V
	*	5508	101.32	-	-	90.93	35.6	6.98	32.19	101	91	P	V
	*	5508	91.35	-	-	80.96	35.6	6.98	32.19	101	91	A	V
		5760.04	53.64	-20.36	74	42.76	35.81	7.18	32.11	101	91	P	V
		5744.76	43.38	-10.62	54	32.52	35.79	7.18	32.11	101	91	A	V
802.11n HT40 CH 110 5550MHz		5468.88	54.06	-19.94	74	43.76	35.56	6.94	32.2	100	126	P	H
		5469.36	43.93	-10.07	54	33.63	35.56	6.94	32.2	100	126	A	H
	*	5548	101.14	-	-	90.65	35.64	7.02	32.17	100	126	P	H
	*	5548	91.81	-	-	81.32	35.64	7.02	32.17	100	126	A	H
		5744.92	53.21	-20.79	74	42.35	35.79	7.18	32.11	100	126	P	H
		5751.08	43.45	-10.55	54	32.59	35.79	7.18	32.11	100	126	A	H
		5462	54.8	-19.2	74	44.52	35.54	6.94	32.2	101	88	P	V
		5469.84	43.93	-10.07	54	33.63	35.56	6.94	32.2	101	88	A	V
	*	5548	101.49	-	-	91	35.64	7.02	32.17	101	88	P	V
	*	5548	91.88	-	-	81.39	35.64	7.02	32.17	101	88	A	V
		5746.92	53.2	-20.8	74	42.34	35.79	7.18	32.11	101	88	P	V
		5760.52	43.45	-10.55	54	32.57	35.81	7.18	32.11	101	88	A	V



802.11n HT40 CH 134 5670MHz		5421.2	52.97	-21.03	74	42.78	35.5	6.9	32.21	106	117	P	H
		5378	42.86	-11.14	54	32.77	35.46	6.85	32.22	106	117	A	H
	*	5668	101.44	-	-	90.73	35.74	7.1	32.13	106	117	P	H
	*	5668	91.89	-	-	81.18	35.74	7.1	32.13	106	117	A	H
		5725.08	56.1	-17.9	74	45.28	35.78	7.16	32.12	106	117	P	H
		5734.2	45.09	-8.91	54	34.27	35.78	7.16	32.12	106	117	A	H
		5461.2	52.35	-21.65	74	42.07	35.54	6.94	32.2	135	86	P	V
		5464.08	42.91	-11.09	54	32.61	35.56	6.94	32.2	135	86	A	V
	*	5660	101.11	-	-	90.43	35.72	7.1	32.14	135	86	P	V
	*	5660	91.25	-	-	80.57	35.72	7.1	32.14	135	86	A	V
		5727.56	56.23	-17.77	74	45.41	35.78	7.16	32.12	135	86	P	V
		5725.72	44.9	-9.1	54	34.08	35.78	7.16	32.12	135	86	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	43.97	-30.03	74	52.46	38.61	10.09	57.19	100	0	P	H
		16532	48.17	-25.83	74	51.62	41.45	12.2	57.1	100	0	P	H
													H
													H
		11020	44.76	-29.24	74	53.25	38.61	10.09	57.19	100	0	P	V
		16528	53.54	-20.46	74	57.02	41.42	12.2	57.1	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11102	45.1	-28.9	74	53.43	38.68	10.13	57.14	100	0	P	H
		16648	54.21	-19.79	74	57.44	41.59	12.28	57.1	133	216	P	H
		16648	45.63	-8.37	54	48.86	41.59	12.28	57.1	133	216	A	H
													H
		11102	44.77	-29.23	74	53.1	38.68	10.13	57.14	100	0	P	V
		16648	57.89	-16.11	74	61.12	41.59	12.28	57.1	148	190	P	V
		16648	49.77	-4.23	54	53	41.59	12.28	57.1	148	190	A	V
													V
802.11n HT40 CH 134 5670MHz		11338	45.99	-28.01	74	53.87	38.87	10.25	57	100	0	P	H
		17012	55.12	-18.88	74	57.73	42.09	12.44	57.14	102	205	P	H
		17012	45.86	-8.14	54	48.47	42.09	12.44	57.14	102	205	A	H
													H
		11340	45.48	-28.52	74	53.36	38.87	10.25	57	100	0	P	V
		17008	57.15	-16.85	74	59.76	42.09	12.44	57.14	105	177	P	V
		17008	48.78	-5.22	54	51.39	42.09	12.44	57.14	105	177	A	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		5462.32	61.43	-12.57	74	51.15	35.54	6.94	32.2	100	122	P	H
		5466.32	47.82	-6.18	54	37.52	35.56	6.94	32.2	100	122	A	H
	*	5528	96.27	-	-	85.84	35.61	7	32.18	100	122	P	H
	*	5528	86.65	-	-	76.22	35.61	7	32.18	100	122	A	H
		5763.4	53.84	-20.16	74	42.96	35.81	7.18	32.11	100	122	P	H
		5755.56	43.45	-10.55	54	32.57	35.81	7.18	32.11	100	122	A	H
		5462.96	61.34	-12.66	74	51.04	35.56	6.94	32.2	100	89	P	V
		5461.52	47.08	-6.92	54	36.8	35.54	6.94	32.2	100	89	A	V
	*	5528	96.18	-	-	85.75	35.61	7	32.18	100	89	P	V
	*	5528	86.32	-	-	75.89	35.61	7	32.18	100	89	A	V
		5764.52	53.91	-20.09	74	43.01	35.81	7.2	32.11	100	89	P	V
		5757.56	43.48	-10.52	54	32.6	35.81	7.18	32.11	100	89	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	43.93	-30.07	74	52.34	38.65	10.1	57.16	100	0	P	H
		16592	46.93	-27.07	74	50.25	41.52	12.26	57.1	100	0	P	H
													H
													H
		11060	45.48	-28.52	74	53.89	38.65	10.1	57.16	100	0	P	V
		16590	45.91	-28.09	74	49.23	41.52	12.26	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 - 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	*	5718	100.81	-	-	90.73	35.23	10.03	35.18	103	59	P	H
	*	5718	90.47	-	-	80.39	35.23	10.03	35.18	103	59	A	H
													H
													H
													H
													H
	*	5716	101.82	-	-	91.7	35.22	10.08	35.18	151	93	P	V
	*	5716	92.18	-	-	82.06	35.22	10.08	35.18	151	93	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	46.31	-27.69	74	50.71	38.16	14.47	57.03	100	0	P	H
		17160	53.82	-20.18	74	50.83	42.27	16.89	56.17	100	237	P	H
		17160	45.83	-8.17	54	42.84	42.27	16.89	56.17	100	237	A	H
													H
		11439	45.86	-28.14	74	50.26	38.16	14.47	57.03	100	0	P	V
		17160	55.58	-18.42	74	52.59	42.27	16.89	56.17	100	195	P	V
		17160	49.52	-4.48	54	46.53	42.27	16.89	56.17	100	195	A	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 (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	*	5714	100.93	-	-	90.81	35.22	10.08	35.18	104	114	P	H
	*	5714	89.53	-	-	79.41	35.22	10.08	35.18	104	114	A	H
													H
													H
													H
													H
	*	5710	101.76	-	-	91.64	35.22	10.08	35.18	151	100	P	V
	*	5710	91.19	-	-	81.07	35.22	10.08	35.18	151	100	A	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 - 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		11421	46.52	-27.48	74	50.97	38.15	14.45	57.05	100	0	P	H
		17118	57.13	-16.87	74	54.11	42.31	16.87	56.16	100	200	P	H
		17118	48.1	-5.9	54	45.08	42.31	16.87	56.16	100	200	A	H
													H
		11421	45.9	-28.1	74	50.35	38.15	14.45	57.05	100	0	P	V
		17124	58.28	-15.72	74	55.26	42.31	16.87	56.16	106	140	P	V
		17124	49.42	-4.58	54	46.4	42.31	16.87	56.16	106	140	A	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	*	5688	96.96	-	-	86.21	35.75	7.13	32.13	107	120	P	H
	*	5688	87.18	-	-	76.43	35.75	7.13	32.13	107	120	A	H
													H
													H
													H
													H
	*	5688	97.18	-	-	86.43	35.75	7.13	32.13	116	90	P	V
	*	5688	87.64	-	-	76.89	35.75	7.13	32.13	116	90	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		11378	45.86	-28.14	74	53.69	38.89	10.26	56.98	100	0	P	H
		17072	53.26	-20.74	74	55.99	42.07	12.47	57.27	100	0	P	H
													H
													H
		11378	45.58	-28.42	74	53.41	38.89	10.26	56.98	100	0	P	V
		17072	55.04	-18.96	74	57.77	42.07	12.47	57.27	102	165	P	V
		17072	45.89	-8.11	54	48.62	42.07	12.47	57.27	102	165	A	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		149.07	20.2	-23.3	43.5	39.77	10.94	1.27	31.78			P	H
		190.65	24.51	-18.99	43.5	46.05	8.8	1.44	31.78			P	H
		235.74	21.36	-24.64	46	40.71	10.82	1.6	31.77			P	H
		399.4	32.69	-13.31	46	46.57	15.9	2.02	31.8	100	299	P	H
		664	20.68	-25.32	46	29.83	20.3	2.59	32.04			P	H
		826.4	27.18	-18.82	46	33.3	22.79	2.88	31.79			P	H
													H
													H
													H
													H
													H
													H
		53.76	23.34	-16.66	40	47.15	7.16	0.83	31.8			P	V
		149.61	23.42	-20.08	43.5	42.99	10.94	1.27	31.78			P	V
		202.8	19.69	-23.81	43.5	40.86	9.13	1.48	31.78			P	V
		589.1	35.9	-10.1	46	45.92	19.6	2.4	32.02	123	39	P	V
		797	26.06	-19.94	46	33.15	22	2.83	31.92			P	V
		923.7	25.66	-20.34	46	29.85	24.02	3.03	31.24			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	Peak or Average
H/V	Horizontal or Vertical



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		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”.



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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz													H
													H
													H
													H
													H
													H
													V
													V
													V
													V
													V
													V
802.11a CH 60 5300MHz		5075.6	52.46	-21.54	74	42.99	35.1	6.68	32.31	100	289	P	H
		5141.3	41.71	-12.29	54	32.1	35.18	6.72	32.29	100	289	A	H
	*	5298	99.02	-	-	89.11	35.36	6.8	32.25	100	289	P	H
	*	5298	88.16	-	-	78.25	35.36	6.8	32.25	100	289	A	H
		5363.09	52.72	-21.28	74	42.66	35.44	6.85	32.23	100	289	P	H
		5360.89	42.44	-11.56	54	32.38	35.44	6.85	32.23	100	289	A	H
		5105.15	52.57	-21.43	74	43.06	35.12	6.69	32.3	104	270	P	V
		5142.65	41.72	-12.28	54	32.11	35.18	6.72	32.29	104	270	A	V
	*	5297	99.05	-	-	89.14	35.36	6.8	32.25	104	270	P	V
	*	5297	89.17	-	-	79.26	35.36	6.8	32.25	104	270	A	V
		5362.43	52.45	-21.55	74	42.39	35.44	6.85	32.23	104	270	P	V
		5358.69	42.48	-11.52	54	32.44	35.42	6.85	32.23	104	270	A	V



802.11a CH 64 5320MHz												H
												H
												H
												H
												H
												H
												V
												V
												V
												V
												V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.											



15E band 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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz													H
													H
													H
													H
													V
													V
													V
													V
802.11a CH 60 5300MHz		10598	44.88	-29.12	74	53.84	38.28	9.88	57.12	100	0	P	H
		15902	51.93	-22.07	74	57.03	41.1	11.77	57.97	100	0	P	H
													H
													H
		10600	42.97	-31.03	74	51.93	38.28	9.88	57.12	100	0	P	V
		15902	51.49	-22.51	74	56.59	41.1	11.77	57.97	100	0	P	V
													V
													V
802.11a CH 64 5320MHz													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.												



Note symbol

*	Fundamental Frequency which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency per 15.209(c).
!	Test result is over limit line.
P/A	Peak or Average
H/V	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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

3. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

3. 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)

4. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

3. 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)

4. 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”.



15E band 1 5150~5250MHz

WIFI 802.11n HT20(Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		5149.7	54.2	-19.8	74	44.59	35.18	6.72	32.29	100	54	P	H
		5149.7	42.3	-11.7	54	32.69	35.18	6.72	32.29	100	54	A	H
	*	5182	98.39	-	-	88.72	35.22	6.73	32.28	100	54	P	H
	*	5182	86.26	-	-	76.59	35.22	6.73	32.28	100	54	A	H
													H
													H
		5114	52.24	-21.76	74	42.71	35.14	6.69	32.3	199	190	P	V
		5139.95	41.97	-12.03	54	32.37	35.18	6.71	32.29	199	190	A	V
	*	5182	93.32	-	-	83.65	35.22	6.73	32.28	199	190	P	V
	*	5182	82.68	-	-	73.01	35.22	6.73	32.28	199	190	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5001.05	52.73	-21.27	74	43.42	35	6.64	32.33	100	45	P	H
		5150	41.95	-12.05	54	32.34	35.18	6.72	32.29	100	45	A	H
	*	5218	98.18	-	-	88.43	35.26	6.76	32.27	100	45	P	H
	*	5218	86.96	-	-	77.21	35.26	6.76	32.27	100	45	A	H
		5398.07	53.31	-20.69	74	43.17	35.48	6.88	32.22	100	45	P	H
		5450.54	42.32	-11.68	54	32.06	35.54	6.92	32.2	100	45	A	H
		5082.65	51.96	-22.04	74	42.49	35.1	6.68	32.31	200	207	P	V
		5149.1	41.86	-12.14	54	32.25	35.18	6.72	32.29	200	207	A	V
	*	5218	96.03	-	-	86.28	35.26	6.76	32.27	200	207	P	V
	*	5218	84.85	-	-	75.1	35.26	6.76	32.27	200	207	A	V
		5382.89	53.13	-20.87	74	43.01	35.46	6.88	32.22	200	207	P	V
		5428.43	42.34	-11.66	54	32.13	35.5	6.92	32.21	200	207	A	V



802.11n HT20 CH 48 5240MHz		5118.2	52.6	-21.4	74	43.05	35.14	6.71	32.3	100	41	P	H
		5146.7	41.84	-12.16	54	32.23	35.18	6.72	32.29	100	41	A	H
	*	5238	98.66	-	-	88.87	35.28	6.77	32.26	100	41	P	H
	*	5238	87.4	-	-	77.61	35.28	6.77	32.26	100	41	A	H
		5433.82	52.71	-21.29	74	42.48	35.52	6.92	32.21	100	41	P	H
		5450.43	42.33	-11.67	54	32.07	35.54	6.92	32.2	100	41	A	H
		5081.6	52.24	-21.76	74	42.77	35.1	6.68	32.31	200	189	P	V
		5144.45	41.84	-12.16	54	32.23	35.18	6.72	32.29	200	189	A	V
	*	5242	95.26	-	-	85.45	35.3	6.77	32.26	200	189	P	V
	*	5242	84.24	-	-	74.43	35.3	6.77	32.26	200	189	A	V
		5397.85	52.99	-21.01	74	42.85	35.48	6.88	32.22	200	189	P	V
		5427.99	42.35	-11.65	54	32.16	35.5	6.9	32.21	200	189	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		10359	43.9	-30.1	74	53.08	38.2	9.8	57.18	100	0	P	H
		15540	45.39	-28.61	74	51.21	40.64	11.81	58.27	100	0	P	H
													H
													H
		10359	43.82	-30.18	74	53	38.2	9.8	57.18	100	0	P	V
		15540	47.42	-26.58	74	53.24	40.64	11.81	58.27	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	43.17	-30.83	74	52.29	38.2	9.82	57.14	100	0	P	H
		15658	48.02	-25.98	74	53.61	40.79	11.8	58.18	100	0	P	H
													H
													H
		10440	43.33	-30.67	74	52.45	38.2	9.82	57.14	100	0	P	V
		15658	51.34	-22.66	74	56.93	40.79	11.8	58.18	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10479	43.65	-30.35	74	52.72	38.2	9.84	57.11	100	0	P	H
		15720	47.31	-26.69	74	52.76	40.87	11.8	58.12	100	0	P	H
													H
													H
		10479	44.1	-29.9	74	53.17	38.2	9.84	57.11	100	0	P	V
		15720	49.48	-24.52	74	54.93	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		5149.85	54.53	-19.47	74	44.92	35.18	6.72	32.29	100	55	P	H
		5150	44.38	-9.62	54	34.77	35.18	6.72	32.29	100	55	A	H
	*	5188	92.38	-	-	82.71	35.22	6.73	32.28	100	55	P	H
	*	5188	82.47	-	-	72.8	35.22	6.73	32.28	100	55	A	H
		5418.64	52.58	-21.42	74	42.39	35.5	6.9	32.21	100	55	P	H
		5416.55	42.75	-11.25	54	32.56	35.5	6.9	32.21	100	55	A	H
		5144.9	52.09	-21.91	74	42.48	35.18	6.72	32.29	164	191	P	V
		5149.7	42.64	-11.36	54	33.03	35.18	6.72	32.29	164	191	A	V
	*	5192	90.14	-	-	80.42	35.24	6.75	32.27	164	191	P	V
	*	5192	79.49	-	-	69.77	35.24	6.75	32.27	164	191	A	V
		5353.3	53.17	-20.83	74	43.15	35.42	6.83	32.23	164	191	P	V
		5431.07	42.84	-11.16	54	32.61	35.52	6.92	32.21	164	191	A	V
802.11n HT40 CH 46 5230MHz		5091.8	52.17	-21.83	74	42.67	35.12	6.68	32.3	106	124	P	H
		5148.8	42.4	-11.6	54	32.79	35.18	6.72	32.29	106	124	A	H
	*	5228	98.61	-	-	88.83	35.28	6.76	32.26	106	124	P	H
	*	5228	88.3	-	-	78.52	35.28	6.76	32.26	106	124	A	H
		5405.33	52.98	-21.02	74	42.82	35.48	6.9	32.22	106	124	P	H
		5437.78	42.91	-11.09	54	32.68	35.52	6.92	32.21	106	124	A	H
		5097.8	53.26	-20.74	74	43.75	35.12	6.69	32.3	158	347	P	V
		5146.55	42.38	-11.62	54	32.77	35.18	6.72	32.29	158	347	A	V
	*	5228	93.04	-	-	83.26	35.28	6.76	32.26	158	347	P	V
	*	5228	81.43	-	-	71.65	35.28	6.76	32.26	158	347	A	V
		5424.47	52.57	-21.43	74	42.38	35.5	6.9	32.21	158	347	P	V
		5359.79	42.87	-11.13	54	32.83	35.42	6.85	32.23	158	347	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		10380	44.07	-29.93	74	53.23	38.2	9.81	57.17	100	0	P	H
		15570	45.87	-28.13	74	51.62	40.68	11.81	58.24	100	0	P	H
													H
													H
		10380	44.76	-29.24	74	53.92	38.2	9.81	57.17	100	0	P	V
		15570	46.92	-27.08	74	52.67	40.68	11.81	58.24	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	43.74	-30.26	74	52.84	38.2	9.83	57.13	100	0	P	H
		15690	45.93	-28.07	74	51.45	40.83	11.8	58.15			P	H
													H
													H
		10460	43.9	-30.1	74	53	38.2	9.83	57.13	100	0	P	V
		15690	47.59	-26.41	74	53.11	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 42 5210MHz		5144.9	61.46	-12.54	74	51.85	35.18	6.72	32.29	107	160	P	H
		5144.9	46.08	-7.92	54	36.47	35.18	6.72	32.29	107	160	A	H
	*	5212	96.04	-	-	86.26	35.28	6.76	32.26	107	160	P	H
	*	5212	85.11	-	-	75.36	35.26	6.76	32.27	107	160	A	H
		5396.97	52.44	-21.56	74	42.3	35.48	6.88	32.22	107	160	P	H
		5387.51	43.05	-10.95	54	32.93	35.46	6.88	32.22	107	160	A	H
		5145.65	58	-16	74	48.39	35.18	6.72	32.29	163	190	P	V
		5149.55	44.26	-9.74	54	34.65	35.18	6.72	32.29	163	190	A	V
	*	5212	92.53	-	-	82.75	35.28	6.76	32.26	163	190	P	V
	*	5212	81.17	-	-	71.42	35.26	6.76	32.27	163	190	A	V
		5406.1	52.84	-21.16	74	42.68	35.48	6.9	32.22	163	190	P	V
		5388.06	42.86	-11.14	54	32.74	35.46	6.88	32.22	163	190	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 42 5210MHz		10420	43.19	-30.81	74	52.32	38.2	9.82	57.15	100	0	P	H
		15630	44.54	-29.46	74	50.16	40.77	11.8	58.19	100	0	P	H
													H
													H
		10420	44.25	-29.75	74	53.38	38.2	9.82	57.15	100	0	P	V
		15630	44.97	-29.03	74	50.59	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 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		5096.6	52.3	-21.7	74	42.79	35.12	6.69	32.3	200	91	P	H
		5102.3	41.96	-12.04	54	32.45	35.12	6.69	32.3	200	91	A	H
	*	5258	99.67	-	-	89.86	35.3	6.77	32.26	200	91	P	H
	*	5258	88.01	-	-	78.2	35.3	6.77	32.26	200	91	A	H
		5454.83	52.79	-21.21	74	42.51	35.54	6.94	32.2	200	91	P	H
		5424.47	42.45	-11.55	54	32.26	35.5	6.9	32.21	200	91	A	H
		5131.25	51.69	-22.31	74	42.11	35.16	6.71	32.29	134	188	P	V
		5150	41.82	-12.18	54	32.21	35.18	6.72	32.29	134	188	A	V
	*	5258	95.76	-	-	85.95	35.3	6.77	32.26	134	188	P	V
	*	5258	84.53	-	-	74.72	35.3	6.77	32.26	134	188	A	V
		5377.39	53.02	-20.98	74	42.96	35.44	6.85	32.23	134	188	P	V
		5427.33	42.33	-11.67	54	32.14	35.5	6.9	32.21	134	188	A	V
802.11n HT20 CH 60 5300MHz		5039.15	52.62	-21.38	74	43.23	35.06	6.65	32.32	104	124	P	H
		5145.2	41.86	-12.14	54	32.25	35.18	6.72	32.29	104	124	A	H
	*	5298	99.9	-	-	89.99	35.36	6.8	32.25	104	124	P	H
	*	5298	88.73	-	-	78.82	35.36	6.8	32.25	104	124	A	H
		5381.02	54.1	-19.9	74	43.98	35.46	6.88	32.22	104	124	P	H
		5357.48	43.05	-10.95	54	33.01	35.42	6.85	32.23	104	124	A	H
		5118.5	52.3	-21.7	74	42.75	35.14	6.71	32.3	146	191	P	V
		5143.25	41.82	-12.18	54	32.21	35.18	6.72	32.29	146	191	A	V
	*	5301	95.29	-	-	85.38	35.36	6.8	32.25	146	191	P	V
	*	5301	84.26	-	-	74.35	35.36	6.8	32.25	146	191	A	V
		5360.67	53.25	-20.75	74	43.19	35.44	6.85	32.23	146	191	P	V
		5359.24	43.15	-10.85	54	33.11	35.42	6.85	32.23	146	191	A	V



802.11n HT20 CH 64 5320MHz	*	5321	99.3	-	-	89.35	35.38	6.81	32.24	116	125	P	H
	*	5321	88.22	-	-	78.27	35.38	6.81	32.24	116	125	A	H
		5367.38	54	-20	74	43.94	35.44	6.85	32.23	116	125	P	H
		5350	43.01	-10.99	54	32.99	35.42	6.83	32.23	116	125	A	H
													H
													H
	*	5322	93.81	-	-	83.86	35.38	6.81	32.24	200	221	P	V
	*	5322	83.05	-	-	73.1	35.38	6.81	32.24	200	221	A	V
		5421.83	52.79	-21.21	74	42.6	35.5	6.9	32.21	200	221	P	V
		5368.04	42.47	-11.53	54	32.41	35.44	6.85	32.23	200	221	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		10521	42.98	-31.02	74	52.01	38.21	9.86	57.1	100	0	P	H
		15780	47.15	-26.85	74	52.5	40.93	11.8	58.08	100	0	P	H
													H
													H
		10521	44.58	-29.42	74	53.61	38.21	9.86	57.1	100	0	P	V
		15780	52.37	-21.63	74	57.72	40.93	11.8	58.08	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10599	43.58	-30.42	74	52.54	38.28	9.88	57.12	100	0	P	H
		15900	48.71	-25.29	74	53.84	41.08	11.77	57.98	100	0	P	H
													H
													H
		10599	44.01	-29.99	74	52.97	38.28	9.88	57.12	100	0	P	V
		15900	53.71	-20.29	74	58.84	41.08	11.77	57.98	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10641	43.53	-30.47	74	52.45	38.31	9.9	57.13	100	0	P	H
		15962	50.53	-23.47	74	55.54	41.16	11.76	57.93	100	0	P	H
													H
													H
		10641	43.05	-30.95	74	51.97	38.31	9.9	57.13	100	0	P	V
		15958	55.44	-18.56	74	60.45	41.16	11.76	57.93	100	174	P	V
		15958	43.11	-10.89	54	48.12	41.16	11.76	57.93	100	174	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		5124.05	52.94	-21.06	74	43.36	35.16	6.71	32.29	105	126	P	H
		5093.6	42.35	-11.65	54	32.84	35.12	6.69	32.3	105	126	A	H
	*	5268	97.59	-	-	87.74	35.32	6.79	32.26	105	126	P	H
	*	5268	87.23	-	-	77.38	35.32	6.79	32.26	105	126	A	H
		5415.12	52.63	-21.37	74	42.44	35.5	6.9	32.21	105	126	P	H
		5350.22	43.03	-10.97	54	33.01	35.42	6.83	32.23	105	126	A	H
		5114.6	52.71	-21.29	74	43.18	35.14	6.69	32.3	163	189	P	V
		5145.95	42.34	-11.66	54	32.73	35.18	6.72	32.29	163	189	A	V
	*	5268	94.3	-	-	84.45	35.32	6.79	32.26	163	189	P	V
	*	5268	81.72	-	-	71.87	35.32	6.79	32.26	163	189	A	V
		5444.93	53.6	-20.4	74	43.37	35.52	6.92	32.21	163	189	P	V
		5416	42.9	-11.1	54	32.71	35.5	6.9	32.21	163	189	A	V
802.11n HT40 CH 62 5310MHz		5135.3	52.75	-21.25	74	43.17	35.16	6.71	32.29	116	123	P	H
		5100.8	42.33	-11.67	54	32.82	35.12	6.69	32.3	116	123	A	H
	*	5308	95.1	-	-	85.18	35.36	6.81	32.25	116	123	P	H
	*	5308	85.28	-	-	75.36	35.36	6.81	32.25	116	123	A	H
		5353.96	55.82	-18.18	74	45.8	35.42	6.83	32.23	116	123	P	H
		5355.94	45.27	-8.73	54	35.25	35.42	6.83	32.23	116	123	A	H
		5000.3	52.43	-21.57	74	43.12	35	6.64	32.33	169	196	P	V
		5104.4	42.33	-11.67	54	32.82	35.12	6.69	32.3	169	196	A	V
	*	5312	88.81	-	-	78.86	35.38	6.81	32.24	169	196	P	V
	*	5312	78.62	-	-	68.67	35.38	6.81	32.24	169	196	A	V
		5370.46	53.67	-20.33	74	43.61	35.44	6.85	32.23	169	196	P	V
		5367.49	43.64	-10.36	54	33.58	35.44	6.85	32.23	169	196	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		10540	43.52	-30.48	74	52.54	38.23	9.86	57.11	100	0	P	H
		15810	46.13	-27.87	74	51.41	40.97	11.8	58.05	100	0	P	H
													H
													H
		10540	43.53	-30.47	74	52.55	38.23	9.86	57.11	100	0	P	V
		15810	49.53	-24.47	74	54.81	40.97	11.8	58.05	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	42.38	-31.62	74	51.31	38.3	9.89	57.12	100	0	P	H
		15930	44.33	-29.67	74	49.41	41.12	11.76	57.96	100	0	P	H
													H
													H
		10620	43.41	-30.59	74	52.34	38.3	9.89	57.12	100	0	P	V
		15930	44.77	-29.23	74	49.85	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 58 5290MHz		5144.15	54.42	-19.58	74	44.81	35.18	6.72	32.29	106	158	P	H
		5144.6	42.89	-11.11	54	33.28	35.18	6.72	32.29	106	158	A	H
	*	5291	96.1	-	-	86.21	35.34	6.8	32.25	106	158	P	H
	*	5291	84.9	-	-	75.01	35.34	6.8	32.25	106	158	A	H
		5350.55	57.39	-16.61	74	47.37	35.42	6.83	32.23	106	158	P	H
		5351.21	46.69	-7.31	54	36.67	35.42	6.83	32.23	106	158	A	H
		5135.3	52.56	-21.44	74	42.98	35.16	6.71	32.29	124	353	P	V
		5140.7	42.7	-11.3	54	33.09	35.18	6.72	32.29	124	353	A	V
	*	5291	94.02	-	-	84.13	35.34	6.8	32.25	124	353	P	V
	*	5291	82.79	-	-	72.9	35.34	6.8	32.25	124	353	A	V
		5350.44	57.11	-16.89	74	47.09	35.42	6.83	32.23	124	353	P	V
		5350	46.48	-7.52	54	36.46	35.42	6.83	32.23	124	353	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 58 5290MHz		10580	43.19	-30.81	74	52.17	38.27	9.87	57.12	100	0	P	H
		15870	46.44	-27.56	74	51.6	41.06	11.78	58	100	0	P	H
													H
													H
		10580	42.95	-31.05	74	51.93	38.27	9.87	57.12	100	0	P	V
		15870	45.99	-28.01	74	51.15	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 802.11n HT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		5435.92	53.88	-20.12	74	43.65	35.52	6.92	32.21	100	119	P	H
		5470	42.87	-11.13	54	32.57	35.56	6.94	32.2	100	119	A	H
	*	5502	101.86	-	-	91.47	35.6	6.98	32.19	100	119	P	H
	*	5502	90.46	-	-	80.07	35.6	6.98	32.19	100	119	A	H
													H
													H
		5445.84	53	-21	74	42.74	35.54	6.92	32.2	183	179	P	V
		5470	42.52	-11.48	54	32.22	35.56	6.94	32.2	183	179	A	V
	*	5499	96.41	-	-	86.04	35.6	6.96	32.19	183	179	P	V
	*	5499	85.47	-	-	75.1	35.6	6.96	32.19	183	179	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5384.72	53.19	-20.81	74	43.07	35.46	6.88	32.22	100	170	P	H
		5470	42.39	-11.61	54	32.09	35.56	6.94	32.2	100	170	A	H
	*	5578	100.19	-	-	89.66	35.66	7.04	32.17	100	170	P	H
	*	5578	88.8	-	-	78.27	35.66	7.04	32.17	100	170	A	H
		5743.88	54.03	-19.97	74	43.17	35.79	7.18	32.11	100	170	P	H
		5736.84	43.11	-10.89	54	32.27	35.79	7.16	32.11	100	170	A	H
		5444.72	52.63	-21.37	74	42.4	35.52	6.92	32.21	112	188	P	V
		5469.84	42.37	-11.63	54	32.07	35.56	6.94	32.2	112	188	A	V
	*	5578	99.6	-	-	89.07	35.66	7.04	32.17	112	188	P	V
	*	5578	88.05	-	-	77.52	35.66	7.04	32.17	112	188	A	V
		5746.6	53.58	-20.42	74	42.72	35.79	7.18	32.11	112	188	P	V
		5738.12	43.05	-10.95	54	32.21	35.79	7.16	32.11	112	188	A	V



802.11n HT20 CH 140 5700MHz	*	5698	98.89	-	-	88.12	35.75	7.15	32.13	100	176	P	H
	*	5698	87.04	-	-	76.27	35.75	7.15	32.13	100	176	A	H
		5725.24	53.83	-20.17	74	43.01	35.78	7.16	32.12	100	176	P	H
		5725	43.53	-10.47	54	32.71	35.78	7.16	32.12	100	176	A	H
													H
													H
	*	5698	97.88	-	-	87.11	35.75	7.15	32.13	133	187	P	V
	*	5698	86.58	-	-	75.81	35.75	7.15	32.13	133	187	A	V
		5739.32	54.56	-19.44	74	43.72	35.79	7.16	32.11	133	187	P	V
		5725	43.5	-10.5	54	32.68	35.78	7.16	32.12	133	187	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 100 5500MHz		11001	43.54	-30.46	74	52.06	38.6	10.08	57.2	100	0	P	H
		16500	46.5	-27.5	74	50.02	41.4	12.18	57.1	100	0	P	H
													H
													H
		11001	43.71	-30.29	74	52.23	38.6	10.08	57.2	100	0	P	V
		16500	49.33	-24.67	74	52.85	41.4	12.18	57.1	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	47.07	-26.93	74	55.29	38.73	10.15	57.1	100	0	P	H
		16742	50.38	-23.62	74	53.42	41.74	12.32	57.1	100	0	P	H
													H
													H
		11162	48.96	-25.04	74	57.18	38.73	10.15	57.1	100	0	P	V
		16738	53.75	-20.25	74	56.79	41.74	12.32	57.1	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	46.09	-27.91	74	53.85	38.92	10.28	56.96	100	0	P	H
		17102	51.1	-22.9	74	53.92	42.06	12.48	57.36	100	0	P	H
													H
													H
		11402	48.07	-25.93	74	55.83	38.92	10.28	56.96	100	0	P	V
		17100	53.18	-20.82	74	56	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		5469.2	53.25	-20.75	74	42.95	35.56	6.94	32.2	100	125	P	H
		5469.52	43.99	-10.01	54	33.69	35.56	6.94	32.2	100	125	A	H
	*	5511	98.16	-	-	87.77	35.6	6.98	32.19	100	125	P	H
	*	5511	87.8	-	-	77.41	35.6	6.98	32.19	100	125	A	H
		5736.76	53.62	-20.38	74	42.78	35.79	7.16	32.11	100	125	P	H
		5742.2	43.48	-10.52	54	32.62	35.79	7.18	32.11	100	125	A	H
		5459.6	52.68	-21.32	74	42.4	35.54	6.94	32.2	141	199	P	V
		5460.56	43.14	-10.86	54	32.86	35.54	6.94	32.2	141	199	A	V
	*	5512	94.2	-	-	83.81	35.6	6.98	32.19	141	199	P	V
	*	5512	83.77	-	-	73.38	35.6	6.98	32.19	141	199	A	V
		5753.16	53.71	-20.29	74	42.83	35.81	7.18	32.11	141	199	P	V
		5740.52	43.53	-10.47	54	32.67	35.79	7.18	32.11	141	199	A	V
802.11n HT40 CH 110 5550MHz		5364.24	52.54	-21.46	74	42.48	35.44	6.85	32.23	100	155	P	H
		5450	42.92	-11.08	54	32.66	35.54	6.92	32.2	100	155	A	H
	*	5548	97.63	-	-	87.18	35.63	7	32.18	100	155	P	H
	*	5548	87.53	-	-	77.04	35.64	7.02	32.17	100	155	A	H
		5729.32	53.38	-20.62	74	42.56	35.78	7.16	32.12	100	155	P	H
		5738.2	43.48	-10.52	54	32.64	35.79	7.16	32.11	100	155	A	H
		5464.88	53.01	-20.99	74	42.71	35.56	6.94	32.2	150	171	P	V
		5404.24	42.85	-11.15	54	32.69	35.48	6.9	32.22	150	171	A	V
	*	5548	93.46	-	-	83.01	35.63	7	32.18	150	171	P	V
	*	5548	83.51	-	-	73.02	35.64	7.02	32.17	150	171	A	V
		5725.64	53.31	-20.69	74	42.49	35.78	7.16	32.12	150	171	P	V
		5757.24	43.43	-10.57	54	32.55	35.81	7.18	32.11	150	171	A	V



802.11n HT40 CH 134 5670MHz		5364.88	52.23	-21.77	74	42.17	35.44	6.85	32.23	109	159	P	H
		5451.28	42.87	-11.13	54	32.61	35.54	6.92	32.2	109	159	A	H
	*	5668	98.34	-	-	87.66	35.72	7.1	32.14	109	159	P	H
	*	5668	87.71	-	-	77	35.74	7.1	32.13	109	159	A	H
		5725.96	55.57	-18.43	74	44.75	35.78	7.16	32.12	109	159	P	H
		5725.08	44.69	-9.31	54	33.87	35.78	7.16	32.12	109	159	A	H
		5397.68	52.54	-21.46	74	42.4	35.48	6.88	32.22	147	0	P	V
		5395.28	42.87	-11.13	54	32.73	35.48	6.88	32.22	147	0	A	V
	*	5668	95.77	-	-	85.09	35.72	7.1	32.14	147	0	P	V
	*	5668	86.6	-	-	75.89	35.74	7.1	32.13	147	0	A	V
		5737.24	54.4	-19.6	74	43.56	35.79	7.16	32.11	147	0	P	V
		5725.56	44.32	-9.68	54	33.5	35.78	7.16	32.12	147	0	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 102 5510MHz		11020	43.86	-30.14	74	52.35	38.61	10.09	57.19	100	0	P	H
		16530	45.26	-28.74	74	48.71	41.45	12.2	57.1	100	0	P	H
													H
													H
		11020	44.6	-29.4	74	53.09	38.61	10.09	57.19	100	0	P	V
		16530	45.27	-28.73	74	48.72	41.45	12.2	57.1	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	43.56	-30.44	74	51.89	38.68	10.13	57.14	100	0	P	H
		16650	45.82	-28.18	74	49.02	41.62	12.28	57.1	100	0	P	H
													H
													H
		11100	45.01	-28.99	74	53.34	38.68	10.13	57.14	100	0	P	V
		16650	49.69	-24.31	74	52.89	41.62	12.28	57.1	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	43.92	-30.08	74	51.8	38.87	10.25	57	100	0	P	H
		17010	45.93	-28.07	74	48.54	42.09	12.44	57.14	100	0	P	H
													H
													H
		11340	44.14	-29.86	74	52.02	38.87	10.25	57	100	0	P	V
		17010	46.84	-27.16	74	49.45	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 106 5530MHz		5465.52	57.53	-16.47	74	47.23	35.56	6.94	32.2	101	153	P	H
		5469.84	44.79	-9.21	54	34.49	35.56	6.94	32.2	101	153	A	H
	*	5532	92.5	-	-	82.05	35.63	7	32.18	101	153	P	H
	*	5532	81.88	-	-	71.43	35.63	7	32.18	101	153	A	H
		5764.28	53.35	-20.65	74	42.45	35.81	7.2	32.11	101	153	P	H
		5741.08	43.53	-10.47	54	32.67	35.79	7.18	32.11	101	153	A	H
		5465.68	53.33	-20.67	74	43.03	35.56	6.94	32.2	113	186	P	V
		5469.2	43.32	-10.68	54	33.02	35.56	6.94	32.2	113	186	A	V
	*	5531	89.96	-	-	79.51	35.63	7	32.18	113	186	P	V
	*	5531	79.01	-	-	68.56	35.63	7	32.18	113	186	A	V
		5730.2	53.5	-20.5	74	42.68	35.78	7.16	32.12	113	186	P	V
		5736.76	43.52	-10.48	54	32.68	35.79	7.16	32.11	113	186	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 106 5530MHz		11060	44.52	-29.48	74	52.93	38.65	10.1	57.16	100	0	P	H
		16590	45.83	-28.17	74	49.15	41.52	12.26	57.1	100	0	P	H
													H
													H
		11060	43.96	-30.04	74	52.37	38.65	10.1	57.16	100	0	P	V
		16590	45.18	-28.82	74	48.5	41.52	12.26	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 - 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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 144 5720MHz	*	5723	98.1	-	-	88.02	35.23	10.03	35.18	103	111	P	H
	*	5723	89.31	-	-	79.23	35.23	10.03	35.18	103	111	A	H
													H
													H
													H
													H
	*	5717	98.66	-	-	88.59	35.22	10.03	35.18	161	86	P	V
	*	5717	89.02	-	-	78.95	35.22	10.03	35.18	161	86	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 HT20 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 144 5720MHz		11439	52.21	-21.79	74	56.61	38.16	14.47	57.03	100	0	P	H
		17160	55.76	-18.24	74	52.77	42.27	16.89	56.17	106	201	P	H
		17160	43.72	-10.28	54	40.73	42.27	16.89	56.17	106	201	A	H
													H
		11439	52.53	-21.47	74	56.93	38.16	14.47	57.03	100	0	P	V
		17160	60.46	-13.54	74	57.47	42.27	16.89	56.17	158	173	P	V
		17160	45.91	-8.09	54	42.92	42.27	16.89	56.17	158	173	A	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 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 142 5710MHz	*	5710	97.49	-	-	87.37	35.22	10.08	35.18	131	63	P	H
	*	5710	88.17	-	-	78.05	35.22	10.08	35.18	131	63	A	H
													H
													H
													H
													H
	*	5710	98.12	-	-	88	35.22	10.08	35.18	153	93	P	V
	*	5710	87.95	-	-	77.83	35.22	10.08	35.18	153	93	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 142 5710MHz		11421	50.84	-23.16	74	55.29	38.15	14.45	57.05	100	0	P	H
		17127	55.35	-18.65	74	52.35	42.29	16.87	56.16	100	198	P	H
		17127	44.03	-9.97	54	41.03	42.29	16.87	56.16	100	198	A	H
													H
		11418	51.77	-22.23	74	56.22	38.15	14.45	57.05	100	0	P	V
		17121	57.19	-16.81	74	54.17	42.31	16.87	56.16	100	208	P	V
		17121	45.78	-8.22	54	42.76	42.31	16.87	56.16	100	208	A	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 138 5690MHz	*	5688	95.32	-	-	84.57	35.75	7.13	32.13	100	164	P	H
	*	5688	86.08	-	-	75.33	35.75	7.13	32.13	100	164	A	H
													H
													H
													H
													H
	*	5688	93.52	-	-	82.77	35.75	7.13	32.13	100	345	P	V
	*	5688	84.19	-	-	73.44	35.75	7.13	32.13	100	345	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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 138 5690MHz		11380	45.83	-28.17	74	53.63	38.91	10.26	56.97	100	0	P	H
		17070	51.3	-22.7	74	54.03	42.07	12.47	57.27	100	0	P	H
													H
													H
		11380	47.62	-26.38	74	55.42	38.91	10.26	56.97	100	0	P	V
		17070	52.77	-21.23	74	55.5	42.07	12.47	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 Emission below 1GHz

WIFI 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 LF		33.78	26.82	-13.18	40	41.09	16.82	0.72	31.81	118	25	P	H
		113.43	11.07	-32.43	43.5	30.19	11.5	1.16	31.78			P	H
		174.18	25.88	-17.62	43.5	46.98	9.3	1.38	31.78			P	H
		600.3	31.28	-14.72	46	41.18	19.7	2.44	32.04			P	H
		741.7	21.76	-24.24	46	28.82	22.2	2.73	31.99			P	H
		797	30.02	-15.98	46	37.11	22	2.83	31.92			P	H
													H
													H
													H
													H
													H
													H
		64.02	31.35	-8.65	40	56.27	5.98	0.89	31.79			P	V
		113.43	20.3	-23.2	43.5	39.42	11.5	1.16	31.78			P	V
		137.19	19.24	-24.26	43.5	38.26	11.5	1.26	31.78			P	V
		399.4	23.12	-22.88	46	37	15.9	2.02	31.8			P	V
		596.1	37.77	-8.23	46	47.71	19.66	2.43	32.03	169	71	P	V
		785.1	21.05	-24.95	46	28.13	22.05	2.81	31.94			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	Peak or Average
H/V	Horizontal or Vertical



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

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2390	55.45	-18.55	74	54.51	32.22	4.58	35.86	103	308	P	H
		2390	43.54	-10.46	54	42.6	32.22	4.58	35.86	103	308	A	H

5. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

5. 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)

6. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

5. 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)

6. 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”.