



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		5121.8	52.27	-21.73	74	42.72	35.14	6.71	32.3	140	68	P	H
		5150	42.03	-11.97	54	32.42	35.18	6.72	32.29	140	68	A	H
	*	5182	94.31	-	-	84.64	35.22	6.73	32.28	140	68	P	H
	*	5182	83.57	-	-	73.9	35.22	6.73	32.28	140	68	A	H
													H
													H
		5142.65	52.99	-21.01	74	43.38	35.18	6.72	32.29	129	34	P	V
		5148.2	42.92	-11.08	54	33.31	35.18	6.72	32.29	129	34	A	V
	*	5182	100.64	-	-	90.97	35.22	6.73	32.28	129	34	P	V
	*	5182	89.36	-	-	79.69	35.22	6.73	32.28	129	34	A	V
													V
													V
802.11a CH 44 5220MHz		5000.75	52.5	-21.5	74	43.19	35	6.64	32.33	168	78	P	H
		5150	42.05	-11.95	54	32.44	35.18	6.72	32.29	168	78	A	H
	*	5218	95.57	-	-	85.82	35.26	6.76	32.27	168	78	P	H
	*	5218	84.45	-	-	74.7	35.26	6.76	32.27	168	78	A	H
		5388.39	52.51	-21.49	74	42.39	35.46	6.88	32.22	168	78	P	H
		5452.19	42.43	-11.57	54	32.15	35.54	6.94	32.2	168	78	A	H
		5045	52.31	-21.69	74	42.9	35.06	6.67	32.32	122	198	P	V
		5150	42.25	-11.75	54	32.64	35.18	6.72	32.29	122	198	A	V
	*	5218	101.57	-	-	91.82	35.26	6.76	32.27	122	198	P	V
	*	5218	90.64	-	-	80.89	35.26	6.76	32.27	122	198	A	V
		5414.02	53.08	-20.92	74	42.89	35.5	6.9	32.21	122	198	P	V
		5451.75	42.44	-11.56	54	32.18	35.54	6.92	32.2	122	198	A	V



802.11a CH 48 5240MHz		5020.1	52.6	-21.4	74	43.26	35.02	6.65	32.33	104	255	P	H
		5150	42.02	-11.98	54	32.41	35.18	6.72	32.29	104	255	A	H
	*	5238	99.25	-	-	89.46	35.28	6.77	32.26	104	255	P	H
	*	5238	89.26	-	-	79.47	35.28	6.77	32.26	104	255	A	H
		5384.1	53.43	-20.57	74	43.31	35.46	6.88	32.22	104	255	P	H
		5449.88	42.45	-11.55	54	32.19	35.54	6.92	32.2	104	255	A	H
		5088.65	52.43	-21.57	74	42.93	35.12	6.68	32.3	121	200	P	V
		5149.85	42.06	-11.94	54	32.45	35.18	6.72	32.29	121	200	A	V
	*	5242	100.63	-	-	90.82	35.3	6.77	32.26	121	200	P	V
	*	5242	89.57	-	-	79.76	35.3	6.77	32.26	121	200	A	V
		5389.16	52.63	-21.37	74	42.51	35.46	6.88	32.22	121	200	P	V
		5449	42.45	-11.55	54	32.19	35.54	6.92	32.2	121	200	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	44.01	-29.99	74	53.19	38.2	9.8	57.18	100	0	P	H
		15542	49.51	-24.49	74	55.33	40.64	11.81	58.27	100	0	P	H
													H
													H
		10360	44.09	-29.91	74	53.27	38.2	9.8	57.18	100	0	P	V
		15542	49.21	-24.79	74	55.03	40.64	11.81	58.27	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	43.39	-30.61	74	52.51	38.2	9.82	57.14	100	0	P	H
		15662	52.3	-21.7	74	57.89	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
		15660	53.32	-20.68	74	58.91	40.79	11.8	58.18	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	44.92	-29.08	74	53.99	38.2	9.84	57.11	100	0	P	H
		15718	53.74	-20.26	74	59.19	40.87	11.8	58.12	100	0	P	H
													H
													H
		10480	43.97	-30.03	74	53.04	38.2	9.84	57.11	100	0	P	V
		15722	56.97	-17.03	74	62.42	40.87	11.8	58.12	100	138	P	V
		15722	42.52	-11.48	54	47.97	40.87	11.8	58.12	100	138	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		5118.35	52.39	-21.61	74	42.84	35.14	6.71	32.3	100	22	P	H
		5150	42.16	-11.84	54	32.55	35.18	6.72	32.29	100	22	A	H
	*	5180	94.55	-	-	84.88	35.22	6.73	32.28	100	22	P	H
	*	5180	83.83	-	-	74.16	35.22	6.73	32.28	100	22	A	H
													H
													H
		5139.65	52.99	-21.01	74	43.39	35.18	6.71	32.29	100	325	P	V
		5143.25	42.71	-11.29	54	33.1	35.18	6.72	32.29	100	325	A	V
	*	5182	98.69	-	-	89.02	35.22	6.73	32.28	100	325	P	V
	*	5182	87.49	-	-	77.82	35.22	6.73	32.28	100	325	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5144.45	53.14	-20.86	74	43.53	35.18	6.72	32.29	100	22	P	H
		5149.85	42	-12	54	32.39	35.18	6.72	32.29	100	22	A	H
	*	5222	94.55	-	-	84.8	35.26	6.76	32.27	100	22	P	H
	*	5222	83.02	-	-	73.27	35.26	6.76	32.27	100	22	A	H
		5415.89	52.77	-21.23	74	42.58	35.5	6.9	32.21	100	22	P	H
		5435.58	42.42	-11.58	54	32.19	35.52	6.92	32.21	100	22	A	H
		5148.8	52.95	-21.05	74	43.34	35.18	6.72	32.29	110	199	P	V
		5149.85	42.16	-11.84	54	32.55	35.18	6.72	32.29	110	199	A	V
	*	5218	100.08	-	-	90.33	35.26	6.76	32.27	110	199	P	V
	*	5218	88.78	-	-	79.03	35.26	6.76	32.27	110	199	A	V
		5451.2	52.91	-21.09	74	42.65	35.54	6.92	32.2	110	199	P	V
		5450.32	42.43	-11.57	54	32.17	35.54	6.92	32.2	110	199	A	V



802.11n HT20 CH 48 5240MHz		5061.95	52.44	-21.56	74	43	35.08	6.67	32.31	100	21	P	H
		5149.1	41.95	-12.05	54	32.34	35.18	6.72	32.29	100	21	A	H
	*	5238	95.19	-	-	85.4	35.28	6.77	32.26	100	21	P	H
	*	5238	85.44	-	-	75.65	35.28	6.77	32.26	100	21	A	H
		5438.33	52.52	-21.48	74	42.29	35.52	6.92	32.21	100	21	P	H
		5400.05	42.44	-11.56	54	32.3	35.48	6.88	32.22	100	21	A	H
		5049.2	52.15	-21.85	74	42.74	35.06	6.67	32.32	108	198	P	V
		5149.85	41.93	-12.07	54	32.32	35.18	6.72	32.29	108	198	A	V
	*	5238	99.77	-	-	89.98	35.28	6.77	32.26	108	198	P	V
	*	5238	88.96	-	-	79.17	35.28	6.77	32.26	108	198	A	V
		5389.49	53.69	-20.31	74	43.57	35.46	6.88	32.22	108	198	P	V
		5428.87	42.43	-11.57	54	32.2	35.52	6.92	32.21	108	198	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		10360	44.6	-29.4	74	53.78	38.2	9.8	57.18	100	0	P	H
		15540	48.53	-25.47	74	54.35	40.64	11.81	58.27	100	0	P	H
													H
													H
		10360	44.23	-29.77	74	53.41	38.2	9.8	57.18	100	0	P	V
		15540	47.71	-26.29	74	53.53	40.64	11.81	58.27	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	44.11	-29.89	74	53.23	38.2	9.82	57.14	100	0	P	H
		15660	52.13	-21.87	74	57.72	40.79	11.8	58.18	100	0	P	H
													H
													H
		10440	44.36	-29.64	74	53.48	38.2	9.82	57.14	100	0	P	V
		15660	52.12	-21.88	74	57.71	40.79	11.8	58.18	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	44.58	-29.42	74	53.65	38.2	9.84	57.11	100	0	P	H
		15720	55.46	-18.54	74	60.91	40.87	11.8	58.12	100	65	P	H
		15720	44.43	-9.57	54	49.88	40.87	11.8	58.12	100	65	A	H
													H
		10480	44.52	-29.48	74	53.59	38.2	9.84	57.11	100	0	P	V
		15720	54.76	-19.24	74	60.21	40.87	11.8	58.12	100	138	P	V
		15720	44.68	-9.32	54	50.13	40.87	11.8	58.12	100	138	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		5142.2	53.35	-20.65	74	43.74	35.18	6.72	32.29	100	52	P	H
		5150	43.03	-10.97	54	33.42	35.18	6.72	32.29	100	52	A	H
	*	5190	93.1	-	-	83.41	35.22	6.75	32.28	100	52	P	H
	*	5190	83.81	-	-	74.12	35.22	6.75	32.28	100	52	A	H
		5416.44	53.71	-20.29	74	43.52	35.5	6.9	32.21	100	52	P	H
		5392.57	42.85	-11.15	54	32.73	35.46	6.88	32.22	100	52	A	H
		5149.7	53.26	-20.74	74	43.65	35.18	6.72	32.29	100	8	P	V
		5150	43.53	-10.47	54	33.92	35.18	6.72	32.29	100	8	A	V
	*	5188	95.61	-	-	85.94	35.22	6.73	32.28	100	8	P	V
	*	5188	85.71	-	-	76.04	35.22	6.73	32.28	100	8	A	V
		5411.16	52.36	-21.64	74	42.2	35.48	6.9	32.22	100	8	P	V
		5423.48	42.96	-11.04	54	32.77	35.5	6.9	32.21	100	8	A	V
802.11n HT40 CH 46 5230MHz		5136.2	52.34	-21.66	74	42.76	35.16	6.71	32.29	110	50	P	H
		5149.7	42.64	-11.36	54	33.03	35.18	6.72	32.29	110	50	A	H
	*	5232	96.3	-	-	86.52	35.28	6.76	32.26	110	50	P	H
	*	5232	86.46	-	-	76.68	35.28	6.76	32.26	110	50	A	H
		5415.45	53.08	-20.92	74	42.89	35.5	6.9	32.21	110	50	P	H
		5452.96	42.9	-11.1	54	32.62	35.54	6.94	32.2	110	50	A	H
		5122.1	53	-21	74	43.45	35.14	6.71	32.3	102	119	P	V
		5150	43.02	-10.98	54	33.41	35.18	6.72	32.29	102	119	A	V
	*	5232	100.03	-	-	90.25	35.28	6.76	32.26	102	119	P	V
	*	5232	90.57	-	-	80.79	35.28	6.76	32.26	102	119	A	V
		5366.28	53.46	-20.54	74	43.4	35.44	6.85	32.23	102	119	P	V
		5394.99	42.95	-11.05	54	32.81	35.48	6.88	32.22	102	119	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 38 5190MHz		10380	44.33	-29.67	74	53.49	38.2	9.81	57.17	100	0	P	H
		15570	45.8	-28.2	74	51.55	40.68	11.81	58.24	100	0	P	H
													H
													H
		10380	43.74	-30.26	74	52.9	38.2	9.81	57.17	100	0	P	V
		15570	46.56	-27.44	74	52.31	40.68	11.81	58.24	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	43.9	-30.1	74	53	38.2	9.83	57.13	100	0	P	H
		15690	50.99	-23.01	74	56.51	40.83	11.8	58.15	100	0	P	H
													H
													H
		10460	44.89	-29.11	74	53.99	38.2	9.83	57.13	100	0	P	V
		15690	51.18	-22.82	74	56.7	40.83	11.8	58.15	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 1 5150~5250MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 42 5210MHz		5149.85	53.85	-20.15	74	44.24	35.18	6.72	32.29	100	50	P	H
		5149.85	43.15	-10.85	54	33.54	35.18	6.72	32.29	100	50	A	H
	*	5208	88.9	-	-	79.16	35.26	6.75	32.27	100	50	P	H
	*	5208	79.54	-	-	69.8	35.26	6.75	32.27	100	50	A	H
		5447.24	52.95	-21.05	74	42.69	35.54	6.92	32.2	100	50	P	H
		5384.32	42.96	-11.04	54	32.84	35.46	6.88	32.22	100	50	A	H
		5136.8	55.6	-18.4	74	46.02	35.16	6.71	32.29	100	9	P	V
		5144.75	44.02	-9.98	54	34.41	35.18	6.72	32.29	100	9	A	V
	*	5210	92.33	-	-	82.59	35.26	6.75	32.27	100	9	P	V
	*	5210	83.37	-	-	73.63	35.26	6.75	32.27	100	9	A	V
		5413.03	53.37	-20.63	74	43.18	35.5	6.9	32.21	100	9	P	V
		5400.82	42.89	-11.11	54	32.75	35.48	6.88	32.22	100	9	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	43.93	-30.07	74	53.06	38.2	9.82	57.15	100	0	P	H
		15630	45.32	-28.68	74	50.94	40.77	11.8	58.19	100	0	P	H
													H
													H
		10420	44.02	-29.98	74	53.15	38.2	9.82	57.15	100	0	P	V
		15630	44.85	-29.15	74	50.47	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		5134.1	52.22	-21.78	74	42.64	35.16	6.71	32.29	105	254	P	H
		5149.25	42	-12	54	32.39	35.18	6.72	32.29	105	254	A	H
	*	5259	99.73	-	-	89.9	35.32	6.77	32.26	105	254	P	H
	*	5259	88.82	-	-	78.99	35.32	6.77	32.26	105	254	A	H
		5445.37	52.86	-21.14	74	42.63	35.52	6.92	32.21	105	254	P	H
		5452.74	42.46	-11.54	54	32.18	35.54	6.94	32.2	105	254	A	H
		5135.3	52.35	-21.65	74	42.77	35.16	6.71	32.29	120	197	P	V
		5148.35	42.04	-11.96	54	32.43	35.18	6.72	32.29	120	197	A	V
	*	5259	100.71	-	-	90.88	35.32	6.77	32.26	120	197	P	V
	*	5259	89.28	-	-	79.45	35.32	6.77	32.26	120	197	A	V
		5382.89	52.88	-21.12	74	42.76	35.46	6.88	32.22	120	197	P	V
		5426.45	42.47	-11.53	54	32.28	35.5	6.9	32.21	120	197	A	V
802.11a CH 60 5300MHz		5112.35	51.97	-22.03	74	42.44	35.14	6.69	32.3	103	254	P	H
		5143.25	41.93	-12.07	54	32.32	35.18	6.72	32.29	103	254	A	H
	*	5298	99.83	-	-	89.92	35.36	6.8	32.25	103	254	P	H
	*	5298	88.65	-	-	78.74	35.36	6.8	32.25	103	254	A	H
		5355.72	54.65	-19.35	74	44.63	35.42	6.83	32.23	103	254	P	H
		5350	43.1	-10.9	54	33.08	35.42	6.83	32.23	103	254	A	H
		5018.15	52.82	-21.18	74	43.49	35.02	6.64	32.33	104	106	P	V
		5144.6	42.04	-11.96	54	32.43	35.18	6.72	32.29	104	106	A	V
	*	5298	102.58	-	-	92.67	35.36	6.8	32.25	104	106	P	V
	*	5298	91.6	-	-	81.69	35.36	6.8	32.25	104	106	A	V
		5355.17	53.72	-20.28	74	43.7	35.42	6.83	32.23	104	106	P	V
		5353.52	43.5	-10.5	54	33.48	35.42	6.83	32.23	104	106	A	V



802.11a CH 64 5320MHz	*	5321	96.93	-	-	86.98	35.38	6.81	32.24	103	256	P	H
	*	5321	85.7	-	-	75.75	35.38	6.81	32.24	103	256	A	H
		5370.02	53.05	-20.95	74	42.99	35.44	6.85	32.23	103	256	P	H
		5350	42.68	-11.32	54	32.66	35.42	6.83	32.23	103	256	A	H
													H
													H
	*	5323	100.54	-	-	90.59	35.38	6.81	32.24	103	115	P	V
	*	5323	90.1	-	-	80.15	35.38	6.81	32.24	103	115	A	V
		5355.94	54.13	-19.87	74	44.11	35.42	6.83	32.23	103	115	P	V
		5350	43.26	-10.74	54	33.24	35.42	6.83	32.23	103	115	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		10520	43.76	-30.24	74	52.79	38.21	9.86	57.1	100	0	P	H
		15782	56.38	-17.62	74	61.7	40.95	11.8	58.07	103	45	P	H
		15782	43.59	-10.41	54	48.91	40.95	11.8	58.07	103	45	A	H
													H
		10520	44.45	-29.55	74	53.48	38.21	9.86	57.1	100	0	P	V
		15780	58.49	-15.51	74	63.84	40.93	11.8	58.08	108	223	P	V
		15780	44.13	-9.87	54	49.48	40.93	11.8	58.08	108	223	A	V
													V
802.11a CH 60 5300MHz		10600	44.78	-29.22	74	53.74	38.28	9.88	57.12	100	0	P	H
		15900	56	-18	74	61.13	41.08	11.77	57.98	128	47	P	H
		15900	44.9	-9.1	54	50.03	41.08	11.77	57.98	128	47	A	H
													H
		10600	44.04	-29.96	74	53	38.28	9.88	57.12	100	0	P	V
		15900	57.3	-16.7	74	62.43	41.08	11.77	57.98	100	146	P	V
		15900	45.51	-8.49	54	50.64	41.08	11.77	57.98	100	146	A	V
													V
802.11a CH 64 5320MHz		10640	43.74	-30.26	74	52.66	38.31	9.9	57.13	100	0	P	H
		15960	51.49	-22.51	74	56.5	41.16	11.76	57.93	100	0	P	H
													H
													H
		10640	43.46	-30.54	74	52.38	38.31	9.9	57.13	100	0	P	V
		15958	54.24	-19.76	74	59.25	41.16	11.76	57.93	100	154	P	V
		15958	41.69	-12.31	54	46.7	41.16	11.76	57.93	100	154	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		5149.85	52.29	-21.71	74	42.68	35.18	6.72	32.29	102	259	P	H
		5149.25	41.9	-12.1	54	32.29	35.18	6.72	32.29	102	259	A	H
	*	5262	97.25	-	-	87.4	35.32	6.79	32.26	102	259	P	H
	*	5262	85.79	-	-	75.94	35.32	6.79	32.26	102	259	A	H
		5438.33	53.33	-20.67	74	43.1	35.52	6.92	32.21	102	259	P	H
		5427.99	42.44	-11.56	54	32.25	35.5	6.9	32.21	102	259	A	H
		5119.7	52.07	-21.93	74	42.52	35.14	6.71	32.3	110	197	P	V
		5150	41.94	-12.06	54	32.33	35.18	6.72	32.29	110	197	A	V
	*	5258	100.83	-	-	91.02	35.3	6.77	32.26	110	197	P	V
	*	5258	89.39	-	-	79.58	35.3	6.77	32.26	110	197	A	V
		5369.8	52.94	-21.06	74	42.88	35.44	6.85	32.23	110	197	P	V
		5456.15	42.42	-11.58	54	32.14	35.54	6.94	32.2	110	197	A	V
802.11n HT20 CH 60 5300MHz		5123.3	52.31	-21.69	74	42.73	35.16	6.71	32.29	102	254	P	H
		5148.2	41.89	-12.11	54	32.28	35.18	6.72	32.29	102	254	A	H
	*	5298	99.11	-	-	89.2	35.36	6.8	32.25	102	254	P	H
	*	5298	87.68	-	-	77.77	35.36	6.8	32.25	102	254	A	H
		5356.71	54.19	-19.81	74	44.15	35.42	6.85	32.23	102	254	P	H
		5350	43.1	-10.9	54	33.08	35.42	6.83	32.23	102	254	A	H
		5040.35	52.47	-21.53	74	43.08	35.06	6.65	32.32	113	96	P	V
		5148.35	41.91	-12.09	54	32.3	35.18	6.72	32.29	113	96	A	V
	*	5302	102.54	-	-	92.63	35.36	6.8	32.25	113	96	P	V
	*	5302	90.83	-	-	80.92	35.36	6.8	32.25	113	96	A	V
		5358.36	53.99	-20.01	74	43.95	35.42	6.85	32.23	113	96	P	V
		5350	43.56	-10.44	54	33.54	35.42	6.83	32.23	113	96	A	V



802.11n HT20 CH 64 5320MHz	*	5322	96.66	-	-	86.71	35.38	6.81	32.24	102	257	P	H
	*	5322	85.17	-	-	75.22	35.38	6.81	32.24	102	257	A	H
		5374.97	53.46	-20.54	74	43.4	35.44	6.85	32.23	102	257	P	H
		5350	42.7	-11.3	54	32.68	35.42	6.83	32.23	102	257	A	H
													H
													H
	*	5322	100.35	-	-	90.4	35.38	6.81	32.24	104	110	P	V
	*	5322	89.09	-	-	79.14	35.38	6.81	32.24	104	110	A	V
		5350	55.83	-18.17	74	45.81	35.42	6.83	32.23	104	110	P	V
		5351.98	43.05	-10.95	54	33.03	35.42	6.83	32.23	104	110	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 52 5260MHz		10520	43.97	-30.03	74	53	38.21	9.86	57.1	100	0	P	H
		15780	54.3	-19.7	74	59.65	40.93	11.8	58.08	100	67	P	H
		15780	44.37	-9.63	54	49.72	40.93	11.8	58.08	100	67	A	H
													H
		10520	44.12	-29.88	74	53.15	38.21	9.86	57.1	100	0	P	V
		15780	58.09	-15.91	74	63.44	40.93	11.8	58.08	100	131	P	V
		15780	48.3	-5.7	54	53.65	40.93	11.8	58.08	100	131	A	V
													V
802.11n HT20 CH 60 5300MHz		10600	43.9	-30.1	74	52.86	38.28	9.88	57.12	100	0	P	H
		15900	56.42	-17.58	74	61.55	41.08	11.77	57.98	100	73	P	H
		15900	46.52	-7.48	54	51.65	41.08	11.77	57.98	100	73	A	H
													H
		10600	43.61	-30.39	74	52.57	38.28	9.88	57.12	100	0	P	V
		15900	57.65	-16.35	74	62.78	41.08	11.77	57.98	100	147	P	V
		15900	45.85	-8.15	54	50.98	41.08	11.77	57.98	100	147	A	V
													V
802.11n HT20 CH 64 5320MHz		10640	43.64	-30.36	74	52.56	38.31	9.9	57.13	100	0	P	H
		15960	56.3	-17.7	74	61.31	41.16	11.76	57.93	100	44	P	H
		15960	45.18	-8.82	54	50.19	41.16	11.76	57.93	100	44	A	H
													H
		10640	43.27	-30.73	74	52.19	38.31	9.9	57.13	100	0	P	V
		15960	59.22	-14.78	74	64.23	41.16	11.76	57.93	100	166	P	V
		15960	48.18	-5.82	54	53.19	41.16	11.76	57.93	100	166	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		5124.05	52.92	-21.08	74	43.34	35.16	6.71	32.29	107	71	P	H
		5108.3	42.33	-11.67	54	32.8	35.14	6.69	32.3	107	71	A	H
	*	5272	93.97	-	-	84.12	35.32	6.79	32.26	107	71	P	H
	*	5272	84.5	-	-	74.65	35.32	6.79	32.26	107	71	A	H
		5432.61	52.83	-21.17	74	42.6	35.52	6.92	32.21	107	71	P	H
		5363.09	42.94	-11.06	54	32.88	35.44	6.85	32.23	107	71	A	H
		5107.25	52.63	-21.37	74	43.1	35.14	6.69	32.3	102	118	P	V
		5149.85	42.46	-11.54	54	32.85	35.18	6.72	32.29	102	118	A	V
	*	5272	99.94	-	-	90.09	35.32	6.79	32.26	102	118	P	V
	*	5272	90.1	-	-	80.25	35.32	6.79	32.26	102	118	A	V
		5374.53	53.19	-20.81	74	43.13	35.44	6.85	32.23	102	118	P	V
		5351.21	43.25	-10.75	54	33.23	35.42	6.83	32.23	102	118	A	V
802.11n HT40 CH 62 5310MHz		5132.3	52.64	-21.36	74	43.06	35.16	6.71	32.29	100	22	P	H
		5149.4	42.36	-11.64	54	32.75	35.18	6.72	32.29	100	22	A	H
	*	5312	90.29	-	-	80.34	35.38	6.81	32.24	100	22	P	H
	*	5312	80.94	-	-	70.99	35.38	6.81	32.24	100	22	A	H
		5352.31	53.42	-20.58	74	43.4	35.42	6.83	32.23	100	22	P	H
		5350.44	43.37	-10.63	54	33.35	35.42	6.83	32.23	100	22	A	H
		5019.2	52.11	-21.89	74	42.78	35.02	6.64	32.33	100	125	P	V
		5107.7	42.31	-11.69	54	32.78	35.14	6.69	32.3	100	125	A	V
	*	5312	96.82	-	-	86.87	35.38	6.81	32.24	100	125	P	V
	*	5312	87.47	-	-	77.52	35.38	6.81	32.24	100	125	A	V
		5350.88	57.22	-16.78	74	47.2	35.42	6.83	32.23	100	125	P	V
		5351.1	45.49	-8.51	54	35.47	35.42	6.83	32.23	100	125	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		10540	44.05	-29.95	74	53.07	38.23	9.86	57.11	100	0	P	H
		15810	52.61	-21.39	74	57.89	40.97	11.8	58.05	100	0	P	H
													H
													H
		10540	43.96	-30.04	74	52.98	38.23	9.86	57.11	100	0	P	V
		15810	53.61	-20.39	74	58.89	40.97	11.8	58.05	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	44.04	-29.96	74	52.97	38.3	9.89	57.12	100	0	P	H
		15930	50.33	-23.67	74	55.41	41.12	11.76	57.96	100	0	P	H
													H
													H
		10620	43.43	-30.57	74	52.36	38.3	9.89	57.12	100	0	P	V
		15930	49.86	-24.14	74	54.94	41.12	11.76	57.96	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 58 5290MHz		5149.25	52.29	-21.71	74	42.68	35.18	6.72	32.29	100	70	P	H
		5150	42.5	-11.5	54	32.89	35.18	6.72	32.29	100	70	A	H
	*	5288	88.19	-	-	78.3	35.34	6.8	32.25	100	70	P	H
	*	5288	79.27	-	-	69.38	35.34	6.8	32.25	100	70	A	H
		5352.97	53.67	-20.33	74	43.65	35.42	6.83	32.23	100	70	P	H
		5350.77	43.51	-10.49	54	33.49	35.42	6.83	32.23	100	70	A	H
		5072.3	52.26	-21.74	74	42.79	35.1	6.68	32.31	100	125	P	V
		5132.45	42.4	-11.6	54	32.82	35.16	6.71	32.29	100	125	A	V
	*	5292	95.13	-	-	85.24	35.34	6.8	32.25	100	125	P	V
	*	5292	85.61	-	-	75.72	35.34	6.8	32.25	100	125	A	V
		5352.86	58.4	-15.6	74	48.38	35.42	6.83	32.23	100	125	P	V
		5350.22	47.52	-6.48	54	37.5	35.42	6.83	32.23	100	125	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	44.24	-29.76	74	53.22	38.27	9.87	57.12	100	0	P	H
		15872	49.24	-24.76	74	54.4	41.06	11.78	58	100	0	P	H
													H
													H
		10580	43.99	-30.01	74	52.97	38.27	9.87	57.12	100	0	P	V
		15868	51.27	-22.73	74	56.43	41.06	11.78	58	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E Band 3 - 5470~5725MHz

WIFI 802.11a (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5435.92	53.51	-20.49	74	43.28	35.52	6.92	32.21	100	250	P	H
		5470	42.95	-11.05	54	32.65	35.56	6.94	32.2	100	250	A	H
	*	5498	98.52	-	-	88.15	35.6	6.96	32.19	100	250	P	H
	*	5498	87.23	-	-	76.86	35.6	6.96	32.19	100	250	A	H
													H
													H
		5468.4	54.25	-19.75	74	43.95	35.56	6.94	32.2	100	134	P	V
		5451.92	43.04	-10.96	54	32.78	35.54	6.92	32.2	100	134	A	V
	*	5497	99.79	-	-	89.42	35.6	6.96	32.19	100	134	P	V
	*	5498	88.93	-	-	78.56	35.6	6.96	32.19	100	134	A	V
													V
													V
802.11a CH 116 5580MHz		5442.96	52.93	-21.07	74	42.7	35.52	6.92	32.21	120	243	P	H
		5470	42.47	-11.53	54	32.17	35.56	6.94	32.2	120	243	A	H
	*	5582	101.28	-	-	90.73	35.67	7.04	32.16	120	243	P	H
	*	5582	91.48	-	-	80.93	35.67	7.04	32.16	120	243	A	H
		5741	53.24	-20.76	74	42.38	35.79	7.18	32.11	120	243	P	H
		5764.52	43.1	-10.9	54	32.2	35.81	7.2	32.11	120	243	A	H
		5393.52	52.96	-21.04	74	42.84	35.46	6.88	32.22	100	329	P	V
		5469.04	42.5	-11.5	54	32.2	35.56	6.94	32.2	100	329	A	V
	*	5582	103.53	-	-	92.98	35.67	7.04	32.16	100	329	P	V
	*	5582	93.56	-	-	83.01	35.67	7.04	32.16	100	329	A	V
		5743.48	54.17	-19.83	74	43.31	35.79	7.18	32.11	100	329	P	V
		5738.6	43.16	-10.84	54	32.32	35.79	7.16	32.11	100	329	A	V



802.11a CH 140 5700MHz	*	5698	99.78	-	-	89.01	35.75	7.15	32.13	100	56	P	H
	*	5698	88.66	-	-	77.89	35.75	7.15	32.13	100	56	A	H
		5738.76	54.98	-19.02	74	44.14	35.79	7.16	32.11	100	56	P	H
		5725	43.88	-10.12	54	33.06	35.78	7.16	32.12	100	56	A	H
													H
													H
	*	5698	100.76	-	-	89.99	35.75	7.15	32.13	100	324	P	V
	*	5698	90.39	-	-	79.62	35.75	7.15	32.13	100	324	A	V
		5725.64	55.75	-18.25	74	44.93	35.78	7.16	32.12	100	324	P	V
		5725	44.2	-9.8	54	33.38	35.78	7.16	32.12	100	324	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		11000	44.81	-29.19	74	53.33	38.6	10.08	57.2	100	0	P	H
		16500	55.22	-18.78	74	58.74	41.4	12.18	57.1	100	31	P	H
		16500	43.36	-10.64	54	46.88	41.4	12.18	57.1	100	31	A	H
													H
		11000	44.04	-29.96	74	52.56	38.6	10.08	57.2	100	0	P	V
		16500	57.09	-16.91	74	60.61	41.4	12.18	57.1	100	120	P	V
		16500	44.32	-9.68	54	47.84	41.4	12.18	57.1	100	120	A	V
													V
802.11a CH 116 5580MHz		11160	43.72	-30.28	74	51.94	38.73	10.15	57.1	100	0	P	H
		16740	57.86	-16.14	74	60.9	41.74	12.32	57.1	100	73	P	H
		16740	46.81	-7.19	54	49.85	41.74	12.32	57.1	100	73	A	H
													H
		11160	45.21	-28.79	74	53.43	38.73	10.15	57.1	100	0	P	V
		16740	57.21	-16.79	74	60.25	41.74	12.32	57.1	100	134	P	V
		16740	47.61	-6.39	54	50.65	41.74	12.32	57.1	100	134	A	V
													V
802.11a CH 140 5700MHz		11400	44.75	-29.25	74	52.51	38.92	10.28	56.96	100	0	P	H
		17100	56.29	-17.71	74	59.11	42.06	12.48	57.36	100	55	P	H
		17100	45.4	-8.6	54	48.22	42.06	12.48	57.36	100	55	A	H
													H
		11400	44.86	-29.14	74	52.62	38.92	10.28	56.96	100	0	P	V
		17100	54.98	-19.02	74	57.8	42.06	12.48	57.36	100	88	P	V
		17100	43.35	-10.65	54	46.17	42.06	12.48	57.36	100	88	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		5447.6	53.35	-20.65	74	43.09	35.54	6.92	32.2	100	250	P	H
		5470	42.78	-11.22	54	32.48	35.56	6.94	32.2	100	250	A	H
	*	5500	98.57	-	-	88.18	35.6	6.98	32.19	100	250	P	H
	*	5500	86.98	-	-	76.59	35.6	6.98	32.19	100	250	A	H
													H
													H
		5458.64	53.1	-20.9	74	42.82	35.54	6.94	32.2	100	22	P	V
		5470	43.12	-10.88	54	32.82	35.56	6.94	32.2	100	22	A	V
	*	5500	100.83	-	-	90.44	35.6	6.98	32.19	100	22	P	V
	*	5500	89.85	-	-	79.46	35.6	6.98	32.19	100	22	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5362.96	52.71	-21.29	74	42.65	35.44	6.85	32.23	112	60	P	H
		5457.52	42.42	-11.58	54	32.14	35.54	6.94	32.2	112	60	A	H
	*	5580	103.64	-	-	93.11	35.66	7.04	32.17	112	60	P	H
	*	5580	92.62	-	-	82.09	35.66	7.04	32.17	112	60	A	H
		5743.4	53.67	-20.33	74	42.81	35.79	7.18	32.11	112	60	P	H
		5737	43.16	-10.84	54	32.32	35.79	7.16	32.11	112	60	A	H
		5373.84	52.74	-21.26	74	42.68	35.44	6.85	32.23	100	347	P	V
		5469.52	42.42	-11.58	54	32.12	35.56	6.94	32.2	100	347	A	V
	*	5582	104.73	-	-	94.18	35.67	7.04	32.16	100	347	P	V
	*	5582	93.25	-	-	82.7	35.67	7.04	32.16	100	347	A	V
		5738.76	53.39	-20.61	74	42.55	35.79	7.16	32.11	100	347	P	V
		5736.76	43.22	-10.78	54	32.38	35.79	7.16	32.11	100	347	A	V



802.11n HT20 CH 140 5700MHz	*	5698	99.87	-	-	89.1	35.75	7.15	32.13	100	54	P	H
	*	5698	90.03	-	-	79.26	35.75	7.15	32.13	100	54	A	H
		5726.92	56.24	-17.76	74	45.42	35.78	7.16	32.12	100	54	P	H
		5725	44.17	-9.83	54	33.35	35.78	7.16	32.12	100	54	A	H
													H
													H
	*	5702	101.28	-	-	90.48	35.77	7.15	32.12	100	349	P	V
	*	5702	90.01	-	-	79.21	35.77	7.15	32.12	100	349	A	V
		5725.48	56.29	-17.71	74	45.47	35.78	7.16	32.12	100	349	P	V
		5725	44.41	-9.59	54	33.59	35.78	7.16	32.12	100	349	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	45.06	-28.94	74	53.58	38.6	10.08	57.2	100	0	P	H
		16500	55.14	-18.86	74	58.66	41.4	12.18	57.1	100	98	P	H
		16500	45.81	-8.19	54	49.33	41.4	12.18	57.1	100	98	A	H
													H
		11000	44.5	-29.5	74	53.02	38.6	10.08	57.2	100	0	P	V
		16500	54.2	-19.8	74	57.72	41.4	12.18	57.1	100	153	P	V
		16500	42.86	-11.14	54	46.38	41.4	12.18	57.1	100	153	A	V
													V
802.11n HT20 CH 116 5580MHz		11160	45.18	-28.82	74	53.4	38.73	10.15	57.1	100	0	P	H
		16740	57.88	-16.12	74	60.92	41.74	12.32	57.1	100	72	P	H
		16740	47.51	-6.49	54	50.55	41.74	12.32	57.1	100	72	A	H
													H
		11160	45.46	-28.54	74	53.68	38.73	10.15	57.1	100	0	P	V
		16740	59.17	-14.83	74	62.21	41.74	12.32	57.1	100	128	P	V
		16740	48.63	-5.37	54	51.67	41.74	12.32	57.1	100	128	A	V
													V
802.11n HT20 CH 140 5700MHz		11400	44.89	-29.11	74	52.65	38.92	10.28	56.96	100	0	P	H
		17100	55.88	-18.12	74	58.7	42.06	12.48	57.36	100	64	P	H
		17100	44.62	-9.38	54	47.44	42.06	12.48	57.36	100	64	A	H
													H
		11400	45.11	-28.89	74	52.87	38.92	10.28	56.96	100	0	P	V
		17100	54.93	-19.07	74	57.75	42.06	12.48	57.36	100	131	P	V
		17100	44.07	-9.93	54	46.89	42.06	12.48	57.36	100	131	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		5461.04	53.08	-20.92	74	42.8	35.54	6.94	32.2	103	62	P	H
		5468.56	43.79	-10.21	54	33.49	35.56	6.94	32.2	103	62	A	H
	*	5508	97.26	-	-	86.87	35.6	6.98	32.19	103	62	P	H
	*	5508	87.48	-	-	77.09	35.6	6.98	32.19	103	62	A	H
		5756.2	53.42	-20.58	74	42.54	35.81	7.18	32.11	103	62	P	H
		5726.28	43.59	-10.41	54	32.77	35.78	7.16	32.12	103	62	A	H
		5451.6	54.64	-19.36	74	44.38	35.54	6.92	32.2	100	12	P	V
		5470	43.73	-10.27	54	33.43	35.56	6.94	32.2	100	12	A	V
	*	5512	98.73	-	-	88.34	35.6	6.98	32.19	100	12	P	V
	*	5512	88.68	-	-	78.29	35.6	6.98	32.19	100	12	A	V
		5743.88	53.01	-20.99	74	42.15	35.79	7.18	32.11	100	12	P	V
		5743.8	43.64	-10.36	54	32.78	35.79	7.18	32.11	100	12	A	V
802.11n HT40 CH 110 5550MHz		5389.2	52.9	-21.1	74	42.78	35.46	6.88	32.22	123	58	P	H
		5467.12	42.99	-11.01	54	32.69	35.56	6.94	32.2	123	58	A	H
	*	5548	99.46	-	-	88.97	35.64	7.02	32.17	123	58	P	H
	*	5548	90.4	-	-	79.91	35.64	7.02	32.17	123	58	A	H
		5757.08	53.96	-20.04	74	43.08	35.81	7.18	32.11	123	58	P	H
		5747.08	43.54	-10.46	54	32.68	35.79	7.18	32.11	123	58	A	H
		5408.56	53.24	-20.76	74	43.08	35.48	6.9	32.22	100	18	P	V
		5469.04	43.24	-10.76	54	32.94	35.56	6.94	32.2	100	18	A	V
	*	5548	101.12	-	-	90.63	35.64	7.02	32.17	100	18	P	V
	*	5548	91.44	-	-	80.95	35.64	7.02	32.17	100	18	A	V
		5727.4	53.44	-20.56	74	42.62	35.78	7.16	32.12	100	18	P	V
		5756.84	43.47	-10.53	54	32.59	35.81	7.18	32.11	100	18	A	V



802.11n HT40 CH 134 5670MHz		5448.4	52.56	-21.44	74	42.3	35.54	6.92	32.2	100	54	P	H
		5418.48	42.88	-11.12	54	32.69	35.5	6.9	32.21	100	54	A	H
	*	5672	99.85	-	-	89.11	35.74	7.13	32.13	100	54	P	H
	*	5672	90.14	-	-	79.4	35.74	7.13	32.13	100	54	A	H
		5731.48	56.4	-17.6	74	45.58	35.78	7.16	32.12	100	54	P	H
		5726.84	45.01	-8.99	54	34.19	35.78	7.16	32.12	100	54	A	H
		5452.24	52.4	-21.6	74	42.12	35.54	6.94	32.2	100	348	P	V
		5457.52	42.96	-11.04	54	32.68	35.54	6.94	32.2	100	348	A	V
	*	5668	101.09	-	-	90.38	35.74	7.1	32.13	100	348	P	V
	*	5668	91.57	-	-	80.86	35.74	7.1	32.13	100	348	A	V
		5726.52	57.05	-16.95	74	46.23	35.78	7.16	32.12	100	348	P	V
		5726.04	45.35	-8.65	54	34.53	35.78	7.16	32.12	100	348	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	44.62	-29.38	74	53.11	38.61	10.09	57.19	100	0	P	H
		16530	51.82	-22.18	74	55.27	41.45	12.2	57.1	100	0	P	H
													H
													H
		11020	44.02	-29.98	74	52.51	38.61	10.09	57.19	100	0	P	V
		16530	53.14	-20.86	74	56.59	41.45	12.2	57.1	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	44.48	-29.52	74	52.81	38.68	10.13	57.14	100	0	P	H
		16652	53.16	-20.84	74	56.36	41.62	12.28	57.1	100	0	P	H
													H
													H
		11100	44.46	-29.54	74	52.79	38.68	10.13	57.14	100	0	P	V
		16650	55.81	-18.19	74	59.01	41.62	12.28	57.1	100	113	P	V
		16650	46.35	-7.65	54	49.55	41.62	12.28	57.1	100	113	A	V
													V
802.11n HT40 CH 134 5670MHz		11340	45.24	-28.76	74	53.12	38.87	10.25	57	100	0	P	H
		17012	54.57	-19.43	74	57.18	42.09	12.44	57.14	100	73	P	H
		17012	42.8	-11.2	54	45.41	42.09	12.44	57.14	100	73	A	H
													H
		11340	44.87	-29.13	74	52.75	38.87	10.25	57	100	0	P	V
		17012	52.94	-21.06	74	55.55	42.09	12.44	57.14	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 CH 106 5530MHz		5446.16	52.87	-21.13	74	42.61	35.54	6.92	32.2	103	72	P	H
		5463.12	43.57	-10.43	54	33.27	35.56	6.94	32.2	103	72	A	H
	*	5532	93.45	-	-	83	35.63	7	32.18	103	72	P	H
	*	5532	83.71	-	-	73.26	35.63	7	32.18	103	72	A	H
		5763.72	53.41	-20.59	74	42.53	35.81	7.18	32.11	103	72	P	H
		5744.84	43.53	-10.47	54	32.67	35.79	7.18	32.11	103	72	A	H
		5467.28	54.14	-19.86	74	43.84	35.56	6.94	32.2	100	21	P	V
		5470	43.83	-10.17	54	33.53	35.56	6.94	32.2	100	21	A	V
	*	5530	94.15	-	-	83.72	35.61	7	32.18	100	21	P	V
	*	5530	84.61	-	-	74.18	35.61	7	32.18	100	21	A	V
		5756.2	53.17	-20.83	74	42.29	35.81	7.18	32.11	100	21	P	V
		5751.08	43.54	-10.46	54	32.68	35.79	7.18	32.11	100	21	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	44.82	-29.18	74	53.23	38.65	10.1	57.16	100	0	P	H
		16590	45.12	-28.88	74	48.44	41.52	12.26	57.1	100	0	P	H
													H
													H
		11060	44.84	-29.16	74	53.25	38.65	10.1	57.16	100	0	P	V
		16590	45.97	-28.03	74	49.29	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 802.11ac 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	*	5690	95.25	-	-	84.5	35.75	7.13	32.13	100	53	P	H
	*	5690	85.86	-	-	75.11	35.75	7.13	32.13	100	53	A	H
													H
													H
													H
													H
	*	5690	96.03	-	-	85.28	35.75	7.13	32.13	100	348	P	V
	*	5690	86.6	-	-	75.85	35.75	7.13	32.13	100	348	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		11380	45.08	-28.92	74	52.88	38.91	10.26	56.97	100	0	P	H
		17072	52.14	-21.86	74	54.87	42.07	12.47	57.27	100	0	P	H
													H
													H
		11380	45.94	-28.06	74	53.74	38.91	10.26	56.97	100	0	P	V
		17072	52.68	-21.32	74	55.41	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 802.11n HT20 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 LF		89.13	24.96	-18.54	43.5	47.04	8.66	1.04	31.78			P	H
		192	37.26	-6.24	43.5	58.79	8.8	1.45	31.78	164	239	P	H
		279.21	26.19	-19.81	46	43.41	12.81	1.73	31.76			P	H
		479.9	27.33	-18.67	46	39.31	17.7	2.19	31.87			P	H
		557.6	27.78	-18.22	46	37.4	20.02	2.34	31.98			P	H
		748.7	24.35	-21.65	46	31.39	22.2	2.74	31.98			P	H
													H
													H
													H
													H
													H
													H
		91.29	27.15	-16.35	43.5	49	8.88	1.05	31.78			P	V
		192	30.54	-12.96	43.5	52.07	8.8	1.45	31.78	196	66	P	V
		256.26	19.72	-26.28	46	36.53	13.3	1.66	31.77			P	V
		479.9	25.48	-20.52	46	37.46	17.7	2.19	31.87			P	V
		558.3	24.9	-21.1	46	34.48	20.06	2.34	31.98			P	V
		799.1	24.76	-21.24	46	31.85	22	2.83	31.92			P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

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



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

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

1. Level(dBμV/m) =

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

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

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

For Average Limit @ 2390MHz:

1. Level(dBμV/m)

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

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

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

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



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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 116 5580MHz		5399.76	52.74	-21.26	74	42.6	35.48	6.88	32.22	100	332	P	H
		5423.6	42.58	-11.42	54	32.39	35.5	6.9	32.21	100	332	A	H
	*	5579	101.55	-	-	91.02	35.66	7.04	32.17	100	332	P	H
	*	5579	90.26	-	-	79.73	35.66	7.04	32.17	100	332	A	H
		5756.04	53.74	-20.26	74	42.86	35.81	7.18	32.11	100	332	P	H
		5742.76	43.22	-10.78	54	32.36	35.79	7.18	32.11	100	332	A	H
		5417.2	53.14	-20.86	74	42.95	35.5	6.9	32.21	100	154	P	V
		5422.48	42.63	-11.37	54	32.44	35.5	6.9	32.21	100	154	A	V
	*	5582	105.82	-	-	95.27	35.67	7.04	32.16	100	154	P	V
	*	5582	94.16	-	-	83.61	35.67	7.04	32.16	100	154	A	V
		5747.88	53.76	-20.24	74	42.9	35.79	7.18	32.11	100	154	P	V
		5737.24	43.39	-10.61	54	32.55	35.79	7.16	32.11	100	154	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 (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)
802.11n HT20 CH 116 5580MHz		11160	45.76	-28.24	74	53.98	38.73	10.15	57.1	100	0	P	H
		16740	57.67	-16.33	74	60.71	41.74	12.32	57.1	100	360	P	H
		16740	43.46	-10.54	54	46.5	41.74	12.32	57.1	100	360	A	H
													H
		11160	46.22	-27.78	74	54.44	38.73	10.15	57.1	100	0	P	V
		16742	53.11	-20.89	74	56.15	41.74	12.32	57.1	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E Emission below 1GHz

WIFI 802.11n HT20 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 LF		58.08	27.06	-12.94	40	51.9	6.1	0.86	31.8			P	H
		192	37.91	-5.59	43.5	59.44	8.8	1.45	31.78	105	95	P	H
		279.21	29.32	-16.68	46	46.54	12.81	1.73	31.76			P	H
		479.9	25.59	-20.41	46	37.57	17.7	2.19	31.87			P	H
		558.3	30.76	-15.24	46	40.34	20.06	2.34	31.98			P	H
		799.1	28.99	-17.01	46	36.08	22	2.83	31.92			P	H
													H
													H
													H
													H
													H
													H
		71.85	25.22	-14.78	40	49.52	6.56	0.93	31.79			P	V
		133.14	30.17	-13.33	43.5	48.97	11.74	1.24	31.78	134	43	P	V
		192	29.15	-14.35	43.5	50.68	8.8	1.45	31.78			P	V
		479.9	24.8	-21.2	46	36.78	17.7	2.19	31.87			P	V
		558.3	24.25	-21.75	46	33.83	20.06	2.34	31.98			P	V
		815.9	22.06	-23.94	46	28.56	22.48	2.86	31.84			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.	
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

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 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		5144.45	56.23	-17.77	74	46.62	35.18	6.72	32.29	100	214	P	H
		5150	43.61	-10.39	54	34	35.18	6.72	32.29	100	214	A	H
	*	5182	103.86	-	-	94.19	35.22	6.73	32.28	100	214	P	H
	*	5182	92.45	-	-	82.78	35.22	6.73	32.28	100	214	A	H
													H
													H
		5149.4	52.93	-21.07	74	43.32	35.18	6.72	32.29	100	91	P	V
		5150	42.59	-11.41	54	32.98	35.18	6.72	32.29	100	91	A	V
	*	5182	99.09	-	-	89.42	35.22	6.73	32.28	100	91	P	V
	*	5182	87.54	-	-	77.87	35.22	6.73	32.28	100	91	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5143.1	53.26	-20.74	74	43.65	35.18	6.72	32.29	107	216	P	H
		5149.85	42.47	-11.53	54	32.86	35.18	6.72	32.29	107	216	A	H
	*	5218	104.36	-	-	94.61	35.26	6.76	32.27	107	216	P	H
	*	5218	93.09	-	-	83.34	35.26	6.76	32.27	107	216	A	H
		5458.9	52.55	-21.45	74	42.27	35.54	6.94	32.2	107	216	P	H
		5449	42.48	-11.52	54	32.22	35.54	6.92	32.2	107	216	A	H
		5100.8	52.04	-21.96	74	42.53	35.12	6.69	32.3	100	327	P	V
		5148.35	41.97	-12.03	54	32.36	35.18	6.72	32.29	100	327	A	V
	*	5222	99.79	-	-	90.04	35.26	6.76	32.27	100	327	P	V
	*	5222	88.46	-	-	78.71	35.26	6.76	32.27	100	327	A	V
		5400.71	52.92	-21.08	74	42.78	35.48	6.88	32.22	100	327	P	V
		5450.98	42.41	-11.59	54	32.15	35.54	6.92	32.2	100	327	A	V



802.11n HT20 CH 48 5240MHz		5105.45	53.18	-20.82	74	43.67	35.12	6.69	32.3	100	289	P	H
		5149.85	42.06	-11.94	54	32.45	35.18	6.72	32.29	100	289	A	H
	*	5238	100.52	-	-	90.73	35.28	6.77	32.26	100	289	P	H
	*	5238	89.41	-	-	79.62	35.28	6.77	32.26	100	289	A	H
		5425.9	53.27	-20.73	74	43.08	35.5	6.9	32.21	100	289	P	H
		5428.65	42.44	-11.56	54	32.21	35.52	6.92	32.21	100	289	A	H
		5120.15	53	-21	74	43.45	35.14	6.71	32.3	106	53	P	V
		5147	41.95	-12.05	54	32.34	35.18	6.72	32.29	106	53	A	V
	*	5242	99.56	-	-	89.75	35.3	6.77	32.26	106	53	P	V
	*	5242	88.47	-	-	78.66	35.3	6.77	32.26	106	53	A	V
		5398.18	52.64	-21.36	74	42.5	35.48	6.88	32.22	106	53	P	V
		5449.11	42.42	-11.58	54	32.16	35.54	6.92	32.2	106	53	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT20 CH 36 5180MHz		10360	43.94	-30.06	74	53.12	38.2	9.8	57.18	100	0	P	H
		15540	47.41	-26.59	74	53.23	40.64	11.81	58.27	100	0	P	H
													H
													H
		10360	44.16	-29.84	74	53.34	38.2	9.8	57.18	100	0	P	V
		15540	46.49	-27.51	74	52.31	40.64	11.81	58.27	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	44.51	-29.49	74	53.63	38.2	9.82	57.14	100	0	P	H
		15660	52.19	-21.81	74	57.78	40.79	11.8	58.18	100	0	P	H
													H
													H
		10440	44.12	-29.88	74	53.24	38.2	9.82	57.14	100	0	P	V
		15660	51.99	-22.01	74	57.58	40.79	11.8	58.18	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	44.03	-29.97	74	53.1	38.2	9.84	57.11	100	0	P	H
		15720	51.09	-22.91	74	56.54	40.87	11.8	58.12	100	0	P	H
													H
													H
		10480	44.36	-29.64	74	53.43	38.2	9.84	57.11	100	0	P	V
		15720	51.04	-22.96	74	56.49	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		5149.55	55.73	-18.27	74	46.12	35.18	6.72	32.29	100	215	P	H
		5150	45.54	-8.46	54	35.93	35.18	6.72	32.29	100	215	A	H
	*	5188	97.58	-	-	87.91	35.22	6.73	32.28	100	215	P	H
	*	5188	87.91	-	-	78.24	35.22	6.73	32.28	100	215	A	H
		5386.63	53.51	-20.49	74	43.39	35.46	6.88	32.22	100	215	P	H
		5455.49	43	-11	54	32.72	35.54	6.94	32.2	100	215	A	H
		5149.7	52.94	-21.06	74	43.33	35.18	6.72	32.29	100	49	P	V
		5149.85	43.32	-10.68	54	33.71	35.18	6.72	32.29	100	49	A	V
	*	5192	93.21	-	-	83.49	35.24	6.75	32.27	100	49	P	V
	*	5192	82.08	-	-	72.36	35.24	6.75	32.27	100	49	A	V
		5407.31	52.81	-21.19	74	42.65	35.48	6.9	32.22	100	49	P	V
		5420.84	42.88	-11.12	54	32.69	35.5	6.9	32.21	100	49	A	V
802.11n HT40 CH 46 5230MHz		5147.75	53.52	-20.48	74	43.91	35.18	6.72	32.29	109	214	P	H
		5146.85	43.22	-10.78	54	33.61	35.18	6.72	32.29	109	214	A	H
	*	5228	103.19	-	-	93.41	35.28	6.76	32.26	109	214	P	H
	*	5228	93.18	-	-	83.4	35.28	6.76	32.26	109	214	A	H
		5379.15	52.92	-21.08	74	42.83	35.46	6.85	32.22	109	214	P	H
		5386.96	43.04	-10.96	54	32.92	35.46	6.88	32.22	109	214	A	H
		5116.7	52.55	-21.45	74	43	35.14	6.71	32.3	100	323	P	V
		5146.7	42.47	-11.53	54	32.86	35.18	6.72	32.29	100	323	A	V
	*	5228	97.83	-	-	88.05	35.28	6.76	32.26	100	323	P	V
	*	5228	87.79	-	-	78.01	35.28	6.76	32.26	100	323	A	V
		5362.87	52.73	-21.27	74	42.67	35.44	6.85	32.23	100	323	P	V
		5437.78	42.87	-11.13	54	32.64	35.52	6.92	32.21	100	323	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	44.25	-29.75	74	53.41	38.2	9.81	57.17	100	0	P	H
		15570	47.51	-26.49	74	53.26	40.68	11.81	58.24	100	0	P	H
													H
													H
		10380	44.09	-29.91	74	53.25	38.2	9.81	57.17	100	0	P	V
		15570	47.36	-26.64	74	53.11	40.68	11.81	58.24	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	44.19	-29.81	74	53.29	38.2	9.83	57.13	100	0	P	H
		15690	49.75	-24.25	74	55.27	40.83	11.8	58.15	100	0	P	H
													H
													H
		10460	44.91	-29.09	74	54.01	38.2	9.83	57.13	100	0	P	V
		15690	49.32	-24.68	74	54.84	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		5149.1	56.66	-17.34	74	47.05	35.18	6.72	32.29	107	217	P	H
		5148.65	45.26	-8.74	54	35.65	35.18	6.72	32.29	107	217	A	H
	*	5212	97.6	-	-	87.85	35.26	6.76	32.27	107	217	P	H
	*	5212	87.47	-	-	77.72	35.26	6.76	32.27	107	217	A	H
		5359.35	53.24	-20.76	74	43.2	35.42	6.85	32.23	107	217	P	H
		5458.35	43.55	-10.45	54	33.27	35.54	6.94	32.2	107	217	A	H
		5148.95	52.92	-21.08	74	43.31	35.18	6.72	32.29	101	325	P	V
		5147.6	43.5	-10.5	54	33.89	35.18	6.72	32.29	101	325	A	V
	*	5212	92.15	-	-	82.4	35.26	6.76	32.27	101	325	P	V
	*	5212	82.62	-	-	72.87	35.26	6.76	32.27	101	325	A	V
		5430.3	53.08	-20.92	74	42.85	35.52	6.92	32.21	101	325	P	V
		5429.31	43.08	-10.92	54	32.85	35.52	6.92	32.21	101	325	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	44.78	-29.22	74	53.91	38.2	9.82	57.15	100	0	P	H
		15630	45.59	-28.41	74	51.21	40.77	11.8	58.19	100	0	P	H
													H
													H
		10420	44.31	-29.69	74	53.44	38.2	9.82	57.15	100	0	P	V
		15630	44.96	-29.04	74	50.58	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		5052.8	52.41	-21.59	74	43	35.06	6.67	32.32	100	289	P	H
		5149.55	42.02	-11.98	54	32.41	35.18	6.72	32.29	100	289	A	H
	*	5262	101.61	-	-	91.76	35.32	6.79	32.26	100	289	P	H
	*	5262	89.78	-	-	79.93	35.32	6.79	32.26	100	289	A	H
		5398.62	53.17	-20.83	74	43.03	35.48	6.88	32.22	100	289	P	H
		5426.89	42.44	-11.56	54	32.25	35.5	6.9	32.21	100	289	A	H
		5009.9	52.43	-21.57	74	43.1	35.02	6.64	32.33	100	340	P	V
		5147.9	41.9	-12.1	54	32.29	35.18	6.72	32.29	100	340	A	V
	*	5261	98.99	-	-	89.14	35.32	6.79	32.26	100	340	P	V
	*	5261	88.01	-	-	78.16	35.32	6.79	32.26	100	340	A	V
		5455.16	53.28	-20.72	74	43	35.54	6.94	32.2	100	340	P	V
		5448.01	42.45	-11.55	54	32.19	35.54	6.92	32.2	100	340	A	V
802.11n HT20 CH 60 5300MHz		5093.75	52.42	-21.58	74	42.91	35.12	6.69	32.3	100	284	P	H
		5148.8	42	-12	54	32.39	35.18	6.72	32.29	100	284	A	H
	*	5298	101.08	-	-	91.17	35.36	6.8	32.25	100	284	P	H
	*	5298	89.77	-	-	79.86	35.36	6.8	32.25	100	284	A	H
		5350.44	53.85	-20.15	74	43.83	35.42	6.83	32.23	100	284	P	H
		5358.47	42.94	-11.06	54	32.9	35.42	6.85	32.23	100	284	A	H
		5054.9	52.69	-21.31	74	43.25	35.08	6.67	32.31	100	348	P	V
		5147.6	41.89	-12.11	54	32.28	35.18	6.72	32.29	100	348	A	V
	*	5298	100.35	-	-	90.44	35.36	6.8	32.25	100	348	P	V
	*	5298	88.88	-	-	78.97	35.36	6.8	32.25	100	348	A	V
		5421.72	53.04	-20.96	74	42.85	35.5	6.9	32.21	100	348	P	V
		5350	42.69	-11.31	54	32.67	35.42	6.83	32.23	100	348	A	V



802.11n HT20 CH 64 5320MHz	*	5321	100.39	-	-	90.44	35.38	6.81	32.24	114	193	P	H
	*	5321	89.24	-	-	79.29	35.38	6.81	32.24	114	193	A	H
		5352.97	54.72	-19.28	74	44.7	35.42	6.83	32.23	114	193	P	H
		5350	43.55	-10.45	54	33.53	35.42	6.83	32.23	114	193	A	H
													H
													H
	*	5318	95.67	-	-	85.72	35.38	6.81	32.24	100	338	P	V
	*	5318	84.91	-	-	74.96	35.38	6.81	32.24	100	338	A	V
		5439.1	52.9	-21.1	74	42.67	35.52	6.92	32.21	100	338	P	V
		5350	42.62	-11.38	54	32.6	35.42	6.83	32.23	100	338	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 2 5250~5350MHz

WIFI 802.11n 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		10520	44.34	-29.66	74	53.37	38.21	9.86	57.1	100	0	P	H
		15780	53.18	-20.82	74	58.53	40.93	11.8	58.08	100	0	P	H
													H
													H
		10520	45.37	-28.63	74	54.4	38.21	9.86	57.1	100	0	P	V
		15780	53.93	-20.07	74	59.28	40.93	11.8	58.08	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	43.75	-30.25	74	52.71	38.28	9.88	57.12	100	0	P	H
		15900	52.98	-21.02	74	58.11	41.08	11.77	57.98	100	0	P	H
													H
													H
		10600	43.85	-30.15	74	52.81	38.28	9.88	57.12	100	0	P	V
		15900	54.54	-19.46	74	59.67	41.08	11.77	57.98	100	146	P	V
		15900	43.43	-10.57	54	48.56	41.08	11.77	57.98	100	146	A	V
													V
802.11n HT20 CH 64 5320MHz		10640	43.65	-30.35	74	52.57	38.31	9.9	57.13	100	0	P	H
		15960	49.71	-24.29	74	54.72	41.16	11.76	57.93	100	0	P	H
													H
													H
		10640	43.18	-30.82	74	52.1	38.31	9.9	57.13	100	0	P	V
		15960	50.48	-23.52	74	55.49	41.16	11.76	57.93	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



15E band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 CH 54 5270MHz		5054.6	51.96	-22.04	74	42.52	35.08	6.67	32.31	117	216	P	H
		5125.85	42.54	-11.46	54	32.96	35.16	6.71	32.29	117	216	A	H
	*	5268	103.23	-	-	93.38	35.32	6.79	32.26	117	216	P	H
	*	5268	93.03	-	-	83.18	35.32	6.79	32.26	117	216	A	H
		5379.81	53.52	-20.48	74	43.43	35.46	6.85	32.22	117	216	P	H
		5350.22	43.3	-10.7	54	33.28	35.42	6.83	32.23	117	216	A	H
		5136.8	52.11	-21.89	74	42.53	35.16	6.71	32.29	100	326	P	V
		5147.6	42.35	-11.65	54	32.74	35.18	6.72	32.29	100	326	A	V
	*	5268	98.17	-	-	88.32	35.32	6.79	32.26	100	326	P	V
	*	5268	88.01	-	-	78.16	35.32	6.79	32.26	100	326	A	V
		5399.17	52.76	-21.24	74	42.62	35.48	6.88	32.22	100	326	P	V
		5439.1	42.89	-11.11	54	32.66	35.52	6.92	32.21	100	326	A	V
802.11n HT40 CH 62 5310MHz		5140.85	52.71	-21.29	74	43.1	35.18	6.72	32.29	106	216	P	H
		5147.15	42.48	-11.52	54	32.87	35.18	6.72	32.29	106	216	A	H
	*	5308	101.07	-	-	91.15	35.36	6.81	32.25	106	216	P	H
	*	5308	91.06	-	-	81.14	35.36	6.81	32.25	106	216	A	H
		5354.51	60.65	-13.35	74	50.63	35.42	6.83	32.23	106	216	P	H
		5350.11	48.86	-5.14	54	38.84	35.42	6.83	32.23	106	216	A	H
		5080.85	52.25	-21.75	74	42.78	35.1	6.68	32.31	100	325	P	V
		5132.3	42.32	-11.68	54	32.74	35.16	6.71	32.29	100	325	A	V
	*	5308	94.55	-	-	84.63	35.36	6.81	32.25	100	325	P	V
	*	5308	94.22	-	-	84.3	35.36	6.81	32.25	100	325	A	V
		5350.44	56.26	-17.74	74	46.24	35.42	6.83	32.23	100	325	P	V
		5350.11	44.75	-9.25	54	34.73	35.42	6.83	32.23	100	325	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	43.5	-30.5	74	52.52	38.23	9.86	57.11	100	0	P	H
		15810	48.82	-25.18	74	54.1	40.97	11.8	58.05	100	0	P	H
													H
													H
		10540	43.95	-30.05	74	52.97	38.23	9.86	57.11	100	0	P	V
		15810	51.9	-22.1	74	57.18	40.97	11.8	58.05	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	45.21	-28.79	74	54.14	38.3	9.89	57.12	100	0	P	H
		15930	48.11	-25.89	74	53.19	41.12	11.76	57.96	100	0	P	H
													H
													H
		10620	44.05	-29.95	74	52.98	38.3	9.89	57.12	100	0	P	V
		15930	46.58	-27.42	74	51.66	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		5124.95	53.13	-20.87	74	43.55	35.16	6.71	32.29	106	216	P	H
		5141.3	42.85	-11.15	54	33.24	35.18	6.72	32.29	106	216	A	H
	*	5292	98.2	-	-	88.31	35.34	6.8	32.25	106	216	P	H
	*	5292	87.82	-	-	77.93	35.34	6.8	32.25	106	216	A	H
		5357.59	61.1	-12.9	74	51.06	35.42	6.85	32.23	106	216	P	H
		5350.44	50.67	-3.33	54	40.65	35.42	6.83	32.23	106	216	A	H
		5118.5	53.12	-20.88	74	43.57	35.14	6.71	32.3	100	348	P	V
		5144.15	42.96	-11.04	54	33.35	35.18	6.72	32.29	100	348	A	V
	*	5288	93.15	-	-	83.26	35.34	6.8	32.25	100	348	P	V
	*	5288	83.42	-	-	73.53	35.34	6.8	32.25	100	348	A	V
		5350.55	57.5	-16.5	74	47.48	35.42	6.83	32.23	100	348	P	V
		5350	47.25	-6.75	54	37.23	35.42	6.83	32.23	100	348	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	44.37	-29.63	74	53.35	38.27	9.87	57.12	100	0	P	H
		15868	50.89	-23.11	74	56.05	41.06	11.78	58	100	0	P	H
													H
													H
		10580	45.47	-28.53	74	54.45	38.27	9.87	57.12	100	0	P	V
		15872	48.51	-25.49	74	53.67	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		5456.72	53.94	-20.06	74	43.66	35.54	6.94	32.2	100	193	P	H
		5470	43.32	-10.68	54	33.02	35.56	6.94	32.2	100	193	A	H
	*	5499	102.33	-	-	91.96	35.6	6.96	32.19	100	193	P	H
	*	5499	90.93	-	-	80.56	35.6	6.96	32.19	100	193	A	H
													H
													H
		5464.88	53.82	-20.18	74	43.52	35.56	6.94	32.2	100	122	P	V
		5470	42.88	-11.12	54	32.58	35.56	6.94	32.2	100	122	A	V
	*	5501	98.97	-	-	88.58	35.6	6.98	32.19	100	122	P	V
	*	5501	87.79	-	-	77.4	35.6	6.98	32.19	100	122	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5365.84	53.41	-20.59	74	43.35	35.44	6.85	32.23	100	196	P	H
		5470	42.53	-11.47	54	32.23	35.56	6.94	32.2	100	196	A	H
	*	5582	104.35	-	-	93.8	35.67	7.04	32.16	100	196	P	H
	*	5582	92.66	-	-	82.11	35.67	7.04	32.16	100	196	A	H
		5758.04	53.62	-20.38	74	42.74	35.81	7.18	32.11	100	196	P	H
		5741.88	43.15	-10.85	54	32.29	35.79	7.18	32.11	100	196	A	H
		5354.64	52.65	-21.35	74	42.63	35.42	6.83	32.23	100	56	P	V
		5457.36	42.44	-11.56	54	32.16	35.54	6.94	32.2	100	56	A	V
	*	5582	99.82	-	-	89.27	35.67	7.04	32.16	100	56	P	V
	*	5582	88.5	-	-	77.95	35.67	7.04	32.16	100	56	A	V
		5745.4	54.1	-19.9	74	43.24	35.79	7.18	32.11	100	56	P	V
		5742.52	43.15	-10.85	54	32.29	35.79	7.18	32.11	100	56	A	V



802.11n HT20 CH 140 5700MHz	*	5702	103.27	-	-	92.47	35.77	7.15	32.12	100	282	P	H
	*	5702	91.98	-	-	81.18	35.77	7.15	32.12	100	282	A	H
		5728.76	58.42	-15.58	74	47.6	35.78	7.16	32.12	100	282	P	H
		5725	45.54	-8.46	54	34.72	35.78	7.16	32.12	100	282	A	H
													H
													H
	*	5698	100.53	-	-	89.76	35.75	7.15	32.13	100	32	P	V
	*	5698	89.12	-	-	78.35	35.75	7.15	32.13	100	32	A	V
		5728.92	56.83	-17.17	74	46.01	35.78	7.16	32.12	100	32	P	V
		5725	44.34	-9.66	54	33.52	35.78	7.16	32.12	100	32	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		11000	44.5	-29.5	74	53.02	38.6	10.08	57.2	100	0	P	H
		16500	52.05	-21.95	74	55.57	41.4	12.18	57.1	100	0	P	H
													H
													H
		11000	45.25	-28.75	74	53.77	38.6	10.08	57.2	100	0	P	V
		16500	51.46	-22.54	74	54.98	41.4	12.18	57.1	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	45.27	-28.73	74	53.49	38.73	10.15	57.1	100	0	P	H
		16740	54.84	-19.16	74	57.88	41.74	12.32	57.1	100	89	P	H
		16740	43.78	-10.22	54	46.82	41.74	12.32	57.1	100	89	A	H
													H
		11160	46.46	-27.54	74	54.68	38.73	10.15	57.1	100	0	P	V
		16740	53.23	-20.77	74	56.27	41.74	12.32	57.1	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	46.38	-27.62	74	54.14	38.92	10.28	56.96	100	0	P	H
		17100	54.84	-19.16	74	57.66	42.06	12.48	57.36	100	78	P	H
		17100	44.75	-9.25	54	47.57	42.06	12.48	57.36	100	78	A	H
													H
		11400	50.12	-23.88	74	57.88	38.92	10.28	56.96	100	0	P	V
		17100	52.58	-21.42	74	55.4	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	55.03	-18.97	74	44.73	35.56	6.94	32.2	101	208	P	H
		5470	44.76	-9.24	54	34.46	35.56	6.94	32.2	101	208	A	H
	*	5508	101.58	-	-	91.19	35.6	6.98	32.19	101	208	P	H
	*	5508	91.88	-	-	81.49	35.6	6.98	32.19	101	208	A	H
		5765	53.52	-20.48	74	42.62	35.81	7.2	32.11	101	208	P	H
		5755.88	43.55	-10.45	54	32.67	35.81	7.18	32.11	101	208	A	H
		5447.92	53.87	-20.13	74	43.61	35.54	6.92	32.2	100	101	P	V
		5469.84	43.77	-10.23	54	33.47	35.56	6.94	32.2	100	101	A	V
	*	5512	98.53	-	-	88.14	35.6	6.98	32.19	100	101	P	V
	*	5512	89.22	-	-	78.83	35.6	6.98	32.19	100	101	A	V
		5742.68	53.84	-20.16	74	42.98	35.79	7.18	32.11	100	101	P	V
		5763.88	43.58	-10.42	54	32.7	35.81	7.18	32.11	100	101	A	V
802.11n HT40 CH 110 5550MHz		5447.92	53.49	-20.51	74	43.23	35.54	6.92	32.2	111	208	P	H
		5468.72	43.22	-10.78	54	32.92	35.56	6.94	32.2	111	208	A	H
	*	5548	103.46	-	-	92.97	35.64	7.02	32.17	111	208	P	H
	*	5548	93.76	-	-	83.27	35.64	7.02	32.17	111	208	A	H
		5747.48	53.32	-20.68	74	42.46	35.79	7.18	32.11	111	208	P	H
		5737.8	43.6	-10.4	54	32.76	35.79	7.16	32.11	111	208	A	H
		5431.6	53.82	-20.18	74	43.59	35.52	6.92	32.21	100	100	P	V
		5468.56	43.2	-10.8	54	32.9	35.56	6.94	32.2	100	100	A	V
	*	5548	100.49	-	-	90	35.64	7.02	32.17	100	100	P	V
	*	5548	91.27	-	-	80.78	35.64	7.02	32.17	100	100	A	V
		5736.68	53.57	-20.43	74	42.73	35.79	7.16	32.11	100	100	P	V
		5735.32	43.53	-10.47	54	32.69	35.79	7.16	32.11	100	100	A	V



802.11n HT40 CH 134 5670MHz		5395.76	52.87	-21.13	74	42.73	35.48	6.88	32.22	136	194	P	H
		5396.08	43.03	-10.97	54	32.89	35.48	6.88	32.22	136	194	A	H
	*	5668	102.93	-	-	92.22	35.74	7.1	32.13	136	194	P	H
	*	5668	92.48	-	-	81.77	35.74	7.1	32.13	136	194	A	H
		5732.12	56.34	-17.66	74	45.52	35.78	7.16	32.12	136	194	P	H
		5725.48	45.24	-8.76	54	34.42	35.78	7.16	32.12	136	194	A	H
		5453.2	52.46	-21.54	74	42.18	35.54	6.94	32.2	100	53	P	V
		5414.8	42.9	-11.1	54	32.71	35.5	6.9	32.21	100	53	A	V
	*	5672	100.02	-	-	89.28	35.74	7.13	32.13	100	53	P	V
	*	5672	90.12	-	-	79.38	35.74	7.13	32.13	100	53	A	V
		5726.12	55.25	-18.75	74	44.43	35.78	7.16	32.12	100	53	P	V
		5725.16	44.6	-9.4	54	33.78	35.78	7.16	32.12	100	53	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	45.24	-28.76	74	53.73	38.61	10.09	57.19	100	0	P	H
		16530	51.91	-22.09	74	55.36	41.45	12.2	57.1	100	0	P	H
													H
													H
		11020	44.81	-29.19	74	53.3	38.61	10.09	57.19	100	0	P	V
		16530	47.08	-26.92	74	50.53	41.45	12.2	57.1	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	45.8	-28.2	74	54.13	38.68	10.13	57.14	100	0	P	H
		16652	55.45	-18.55	74	58.65	41.62	12.28	57.1	108	314	P	H
		16652	48.09	-5.91	54	51.29	41.62	12.28	57.1	108	314	A	H
													H
		11100	45.25	-28.75	74	53.58	38.68	10.13	57.14	100	0	P	V
		16648	52.65	-21.35	74	55.88	41.59	12.28	57.1	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11342	47.95	-26.05	74	55.83	38.87	10.25	57	100	0	P	H
		17008	55.06	-18.94	74	57.67	42.09	12.44	57.14	128	313	P	H
		17008	48.2	-5.8	54	50.81	42.09	12.44	57.14	128	313	A	H
													H
		11342	47.38	-26.62	74	55.26	38.87	10.25	57	100	0	P	V
		17010	53.51	-20.49	74	56.12	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		5465.04	57.23	-16.77	74	46.93	35.56	6.94	32.2	100	195	P	H
		5469.04	45.2	-8.8	54	34.9	35.56	6.94	32.2	100	195	A	H
	*	5528	97.32	-	-	86.89	35.61	7	32.18	100	195	P	H
	*	5528	86.84	-	-	76.41	35.61	7	32.18	100	195	A	H
		5758.12	53.5	-20.5	74	42.62	35.81	7.18	32.11	100	195	P	H
		5747.24	43.89	-10.11	54	33.03	35.79	7.18	32.11	100	195	A	H
		5465.52	55.87	-18.13	74	45.57	35.56	6.94	32.2	127	84	P	V
		5466.16	44.79	-9.21	54	34.49	35.56	6.94	32.2	127	84	A	V
	*	5532	96.26	-	-	85.81	35.63	7	32.18	127	84	P	V
	*	5532	86.74	-	-	76.29	35.63	7	32.18	127	84	A	V
		5748.68	53.42	-20.58	74	42.56	35.79	7.18	32.11	127	84	P	V
		5735	43.95	-10.05	54	33.11	35.79	7.16	32.11	127	84	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	44.54	-29.46	74	52.95	38.65	10.1	57.16	100	0	P	H
		16590	45.59	-28.41	74	48.91	41.52	12.26	57.1	100	0	P	H
													H
													H
		11060	45.1	-28.9	74	53.51	38.65	10.1	57.16	100	0	P	V
		16590	45.21	-28.79	74	48.53	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 802.11ac 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	*	5692	97.82	-	-	87.05	35.75	7.15	32.13	100	278	P	H
	*	5692	88.04	-	-	77.27	35.75	7.15	32.13	100	278	A	H
													H
													H
													H
													H
	*	5692	96.3	-	-	85.53	35.75	7.15	32.13	102	335	P	V
	*	5692	86.23	-	-	75.46	35.75	7.15	32.13	102	335	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	46.37	-27.63	74	54.17	38.91	10.26	56.97	100	0	P	H
		17068	52.43	-21.57	74	55.16	42.07	12.47	57.27	100	0	P	H
													H
													H
		11380	45.5	-28.5	74	53.3	38.91	10.26	56.97	100	0	P	V
		17072	52.31	-21.69	74	55.04	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 802.11n HT40 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		143.94	28.99	-14.51	43.5	48.01	11.5	1.26	31.78			P	H
		192	37.8	-5.7	43.5	59.33	8.8	1.45	31.78	170	5	P	H
		240.06	22.73	-23.27	46	41.49	11.4	1.61	31.77			P	H
		557.6	27.95	-18.05	46	37.57	20.02	2.34	31.98			P	H
		750.1	25.72	-20.28	46	32.76	22.2	2.74	31.98			P	H
		797	29.54	-16.46	46	36.63	22	2.83	31.92			P	H
													H
													H
													H
													H
													H
													H
		132.87	30.39	-13.11	43.5	49.19	11.74	1.24	31.78	119	23	P	V
		192	29.12	-14.38	43.5	50.65	8.8	1.45	31.78			P	V
		279.21	23.46	-22.54	46	40.68	12.81	1.73	31.76			P	V
		479.9	25.68	-20.32	46	37.66	17.7	2.19	31.87			P	V
		558.3	25.86	-20.14	46	35.44	20.06	2.34	31.98			P	V
		798.4	23.33	-22.67	46	30.42	22	2.83	31.92			P	V
													V
													V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against limit line.												



Note symbol

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



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

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

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”.