



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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 36 5180MHz		5148.72	55.25	-18.75	74	45.43	33.69	11.21	35.08	106	291	P	H
		5150	46.83	-7.17	54	37.01	33.69	11.21	35.08	106	291	A	H
	*	5180	107.51	-	-	97.6	33.78	11.21	35.08	106	291	P	H
	*	5180	99.01	-	-	89.1	33.78	11.21	35.08	106	291	A	H
													H
													H
		5137.8	55.3	-18.7	74	45.55	33.65	11.18	35.08	268	270	P	V
		5150	47.61	-6.39	54	37.79	33.69	11.21	35.08	268	270	A	V
	*	5180	108.41	-	-	98.5	33.78	11.21	35.08	268	270	P	V
	*	5180	100.11	-	-	90.2	33.78	11.21	35.08	268	270	A	V
													V
													V
802.11a CH 44 5220MHz		5058.5	53.02	-20.98	74	43.51	33.47	11.11	35.07	100	293	P	H
		5136.76	43.69	-10.31	54	33.94	33.65	11.18	35.08	100	293	A	H
	*	5220	108.23	-	-	98.2	33.86	11.25	35.08	100	293	P	H
	*	5220	100.03	-	-	90	33.86	11.25	35.08	100	293	A	H
		5426.16	49.99	-24.01	74	38.81	34.38	11.89	35.09	100	293	P	H
		5379.6	41.74	-12.26	54	30.77	34.3	11.76	35.09	100	293	A	H
		5144.3	52.64	-21.36	74	42.82	33.69	11.21	35.08	264	269	P	V
		5143.52	43.63	-10.37	54	33.81	33.69	11.21	35.08	264	269	A	V
	*	5220	108.53	-	-	98.5	33.86	11.25	35.08	264	269	P	V
	*	5220	100.13	-	-	90.1	33.86	11.25	35.08	264	269	A	V
		5374.32	49.23	-24.77	74	38.31	34.25	11.76	35.09	264	269	P	V
		5455.68	41.18	-12.82	54	29.91	34.47	11.89	35.09	264	269	A	V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 48 5240MHz		5149.5	52.38	-21.62	74	42.56	33.69	11.21	35.08	100	292	P	H
		5081.12	43.2	-10.8	54	33.61	33.52	11.14	35.07	100	292	A	H
	*	5240	108.71	-	-	98.5	33.91	11.38	35.08	100	292	P	H
	*	5240	100.41	-	-	90.2	33.91	11.38	35.08	100	292	A	H
		5451.36	50.57	-23.43	74	39.3	34.47	11.89	35.09	100	292	P	H
		5350.32	41.61	-12.39	54	30.72	34.21	11.76	35.08	100	292	A	H
		5123.5	52.06	-21.94	74	42.31	33.65	11.18	35.08	269	269	P	V
		5147.68	43.26	-10.74	54	33.44	33.69	11.21	35.08	269	269	A	V
	*	5240	108.11	-	-	97.9	33.91	11.38	35.08	269	269	P	V
	*	5240	99.81	-	-	89.6	33.91	11.38	35.08	269	269	A	V
		5441.52	48.47	-25.53	74	37.24	34.43	11.89	35.09	269	269	P	V
		5401.2	40.88	-13.12	54	29.74	34.34	11.89	35.09	269	269	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 36 5180MHz		10360	43.46	-30.54	74	46.41	39.09	17.17	59.21	100	0	P	H
		15540	46.3	-27.7	74	42.8	41.07	19.61	57.18	100	0	P	H
													H
													H
		10360	44.15	-29.85	74	47.1	39.09	17.17	59.21	100	0	P	V
		15540	45.82	-28.18	74	42.32	41.07	19.61	57.18	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	43.76	-30.24	74	46.59	39.15	17.17	59.15	100	0	P	H
		15660	45.59	-28.41	74	41.71	41.31	19.68	57.11	100	0	P	H
													H
													H
		10440	44.95	-29.05	74	47.78	39.15	17.17	59.15	100	0	P	V
		15660	45.53	-28.47	74	41.65	41.31	19.68	57.11	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	43.56	-30.44	74	46.31	39.19	17.17	59.11	100	0	P	H
		15720	47.48	-26.52	74	43.37	41.45	19.73	57.07	100	0	P	H
													H
													H
		10480	45.29	-28.71	74	48.04	39.19	17.17	59.11	100	0	P	V
		15720	47.08	-26.92	74	42.97	41.45	19.73	57.07	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		5147.94	56.01	-17.99	74	46.19	33.69	11.21	35.08	102	291	P	H
		5150	48.79	-5.21	54	38.97	33.69	11.21	35.08	102	291	A	H
	*	5180	107.66	-	-	97.75	33.78	11.21	35.08	102	291	P	H
	*	5180	100.21	-	-	90.3	33.78	11.21	35.08	102	291	A	H
													H
													H
		5149.5	54.14	-19.86	74	44.32	33.69	11.21	35.08	252	271	P	V
		5150	48.7	-5.3	54	38.88	33.69	11.21	35.08	252	271	A	V
	*	5180	107.56	-	-	97.65	33.78	11.21	35.08	252	271	P	V
	*	5180	100.2	-	-	90.29	33.78	11.21	35.08	252	271	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5139.62	52.48	-21.52	74	42.69	33.69	11.18	35.08	102	291	P	H
		5143	44.11	-9.89	54	34.29	33.69	11.21	35.08	102	291	A	H
	*	5220	107.74	-	-	97.71	33.86	11.25	35.08	102	291	P	H
	*	5220	100.33	-	-	90.3	33.86	11.25	35.08	102	291	A	H
		5382.24	49.3	-24.7	74	38.2	34.3	11.89	35.09	102	291	P	H
		5378.16	41.82	-12.18	54	30.85	34.3	11.76	35.09	102	291	A	H
		5111.8	51.81	-22.19	74	42.1	33.6	11.18	35.07	252	268	P	V
		5137.54	43.26	-10.74	54	33.51	33.65	11.18	35.08	252	268	A	V
	*	5220	107.11	-	-	97.08	33.86	11.25	35.08	252	268	P	V
	*	5220	99.7	-	-	89.67	33.86	11.25	35.08	252	268	A	V
		5407.92	49.18	-24.82	74	38.04	34.34	11.89	35.09	252	268	P	V
		5381.76	40.92	-13.08	54	29.82	34.3	11.89	35.09	252	268	A	V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 48 5240MHz		5081.9	52.15	-21.85	74	42.56	33.52	11.14	35.07	100	291	P	H
		5078.78	43.54	-10.46	54	33.95	33.52	11.14	35.07	100	291	A	H
	*	5240	108.28	-	-	98.07	33.91	11.38	35.08	100	291	P	H
	*	5240	100.85	-	-	90.64	33.91	11.38	35.08	100	291	A	H
		5453.52	50.07	-23.93	74	38.8	34.47	11.89	35.09	100	291	P	H
		5354.4	41.91	-12.09	54	31.02	34.21	11.76	35.08	100	291	A	H
		5077.74	50.9	-23.1	74	41.31	33.52	11.14	35.07	262	268	P	V
		5139.62	42.75	-11.25	54	32.96	33.69	11.18	35.08	262	268	A	V
	*	5240	107.29	-	-	97.08	33.91	11.38	35.08	262	268	P	V
	*	5240	99.77	-	-	89.56	33.91	11.38	35.08	262	268	A	V
		5393.04	49.52	-24.48	74	38.42	34.3	11.89	35.09	262	268	P	V
		5398.8	41.17	-12.83	54	30.03	34.34	11.89	35.09	262	268	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 36 5180MHz		10360	43.65	-30.35	74	46.6	39.09	17.17	59.21	100	0	P	H
		15540	47.99	-26.01	74	44.49	41.07	19.61	57.18	100	0	P	H
													H
													H
		10360	43.98	-30.02	74	46.93	39.09	17.17	59.21	100	0	P	V
		15540	46.19	-27.81	74	42.69	41.07	19.61	57.18	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	44.6	-29.4	74	47.43	39.15	17.17	59.15	100	0	P	H
		15660	45.86	-28.14	74	41.98	41.31	19.68	57.11	100	0	P	H
													H
													H
		10440	43.96	-30.04	74	46.79	39.15	17.17	59.15	100	0	P	V
		15660	45.82	-28.18	74	41.94	41.31	19.68	57.11	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	44.45	-29.55	74	47.2	39.19	17.17	59.11	100	0	P	H
		15720	46.86	-27.14	74	42.75	41.45	19.73	57.07	100	0	P	H
													H
													H
		10480	44.8	-29.2	74	47.55	39.19	17.17	59.11	100	0	P	V
		15720	46.67	-27.33	74	42.56	41.45	19.73	57.07	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		5150	58.07	-15.93	74	48.25	33.69	11.21	35.08	100	290	P	H
		5150	53.44	-0.56	54	43.62	33.69	11.21	35.08	100	290	A	H
	*	5190	105.52	-	-	95.57	33.78	11.25	35.08	100	290	P	H
	*	5190	97.46	-	-	87.51	33.78	11.25	35.08	100	290	A	H
		5415.6	50	-24	74	38.82	34.38	11.89	35.09	100	290	P	H
		5359.68	42.03	-11.97	54	31.14	34.21	11.76	35.08	100	290	A	H
		5148.46	58.5	-15.5	74	48.68	33.69	11.21	35.08	281	271	P	V
		5150	52.89	-1.11	54	43.07	33.69	11.21	35.08	281	271	A	V
	*	5190	104.23	-	-	94.28	33.78	11.25	35.08	281	271	P	V
	*	5190	95.98	-	-	86.03	33.78	11.25	35.08	281	271	A	V
		5354.16	49.8	-24.2	74	38.91	34.21	11.76	35.08	281	271	P	V
		5454.48	41.56	-12.44	54	30.29	34.47	11.89	35.09	281	271	A	V
802.11n HT40 CH 46 5230MHz		5127.66	53.59	-20.41	74	43.84	33.65	11.18	35.08	100	290	P	H
		5148.72	45.32	-8.68	54	35.5	33.69	11.21	35.08	100	290	A	H
	*	5230	105.74	-	-	95.53	33.91	11.38	35.08	100	290	P	H
	*	5230	97.43	-	-	87.22	33.91	11.38	35.08	100	290	A	H
		5377.68	51.12	-22.88	74	40.15	34.3	11.76	35.09	100	290	P	H
		5350.8	42.79	-11.21	54	31.9	34.21	11.76	35.08	100	290	A	H
		5080.6	51.61	-22.39	74	42.02	33.52	11.14	35.07	278	269	P	V
		5150	43.76	-10.24	54	33.94	33.69	11.21	35.08	278	269	A	V
	*	5230	104.4	-	-	94.19	33.91	11.38	35.08	278	269	P	V
	*	5230	96.25	-	-	86.04	33.91	11.38	35.08	278	269	A	V
		5393.28	49.22	-24.78	74	38.12	34.3	11.89	35.09	278	269	P	V
		5399.28	42.02	-11.98	54	30.88	34.34	11.89	35.09	278	269	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 1 5150~5250MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 38 5190MHz		10380	44.13	-29.87	74	47.04	39.11	17.17	59.19	100	0	P	H
		15570	46.89	-27.11	74	43.28	41.14	19.63	57.16	100	0	P	H
													H
													H
		10380	44.55	-29.45	74	47.46	39.11	17.17	59.19	100	0	P	V
		15570	47.17	-26.83	74	43.56	41.14	19.63	57.16	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	44.84	-29.16	74	47.65	39.16	17.17	59.14	100	0	P	H
		15690	46.21	-27.79	74	42.22	41.38	19.7	57.09	100	0	P	H
													H
													H
		10460	45.55	-28.45	74	48.36	39.16	17.17	59.14	100	0	P	V
		15690	46.55	-27.45	74	42.56	41.38	19.7	57.09	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												


Band 1 5150~5250MHz
WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		5147.16	60.32	-13.68	74	50.5	33.69	11.21	35.08	100	291	P	H
		5143.78	52.7	-1.3	54	42.88	33.69	11.21	35.08	100	291	A	H
	*	5210	102.13	-	-	92.1	33.86	11.25	35.08	100	291	P	H
	*	5210	93.49	-	-	83.46	33.86	11.25	35.08	100	291	A	H
		5383.2	51.08	-22.92	74	39.98	34.3	11.89	35.09	100	291	P	H
		5425.68	42.34	-11.66	54	31.16	34.38	11.89	35.09	100	291	A	H
		5148.2	57.09	-16.91	74	47.27	33.69	11.21	35.08	280	269	P	V
		5144.56	50.18	-3.82	54	40.36	33.69	11.21	35.08	280	269	A	V
	*	5210	100.39	-	-	90.36	33.86	11.25	35.08	280	269	P	V
	*	5210	91.79	-	-	81.76	33.86	11.25	35.08	280	269	A	V
		5439.84	49.39	-24.61	74	38.16	34.43	11.89	35.09	280	269	P	V
		5441.52	41.78	-12.22	54	30.55	34.43	11.89	35.09	280	269	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 1 5150~5250MHz****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 42 5210MHz		10420	44.83	-29.17	74	47.7	39.13	17.17	59.17	100	0	P	H
		15630	45.72	-28.28	74	41.88	41.28	19.68	57.12	100	0	P	H
													H
													H
		10420	46.18	-27.82	74	49.05	39.13	17.17	59.17	100	0	P	V
		15630	45.6	-28.4	74	41.76	41.28	19.68	57.12	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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		5134.68	51.06	-22.94	74	41.31	33.65	11.18	35.08	105	290	P	H
		5098.28	43.69	-10.31	54	34.06	33.56	11.14	35.07	105	290	A	H
	*	5260	108.69	-	-	98.4	33.99	11.38	35.08	105	290	P	H
	*	5260	100.49	-	-	90.2	33.99	11.38	35.08	105	290	A	H
		5354.4	50.1	-23.9	74	39.21	34.21	11.76	35.08	105	290	P	H
		5357.04	41.96	-12.04	54	31.07	34.21	11.76	35.08	105	290	A	H
		5101.66	52.44	-21.56	74	42.77	33.56	11.18	35.07	263	271	P	V
		5102.96	43.78	-10.22	54	34.11	33.56	11.18	35.07	263	271	A	V
	*	5260	108.09	-	-	97.8	33.99	11.38	35.08	263	271	P	V
	*	5260	100.19	-	-	89.9	33.99	11.38	35.08	263	271	A	V
		5370.96	49.26	-24.74	74	38.33	34.25	11.76	35.08	263	271	P	V
		5356.56	41.12	-12.88	54	30.23	34.21	11.76	35.08	263	271	A	V
802.11a CH 60 5300MHz		5063.44	51.6	-22.4	74	42.06	33.47	11.14	35.07	102	293	P	H
		5142.48	43.17	-10.83	54	33.35	33.69	11.21	35.08	102	293	A	H
	*	5300	107.9	-	-	97.39	34.08	11.51	35.08	102	293	P	H
	*	5300	100.1	-	-	89.59	34.08	11.51	35.08	102	293	A	H
		5363.76	51.28	-22.72	74	40.35	34.25	11.76	35.08	102	293	P	H
		5350.08	43.56	-10.44	54	32.67	34.21	11.76	35.08	102	293	A	H
		5141.96	51.04	-22.96	74	41.22	33.69	11.21	35.08	289	269	P	V
		5139.1	42.97	-11.03	54	33.22	33.65	11.18	35.08	289	269	A	V
	*	5300	106.82	-	-	96.31	34.08	11.51	35.08	289	269	P	V
	*	5300	98.64	-	-	88.13	34.08	11.51	35.08	289	269	A	V
		5358.24	49.97	-24.03	74	39.08	34.21	11.76	35.08	289	269	P	V
		5351.52	42.04	-11.96	54	31.15	34.21	11.76	35.08	289	269	A	V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 64 5320MHz	*	5320	107.17	-	-	96.5	34.12	11.63	35.08	100	293	P	H
	*	5320	99.27	-	-	88.6	34.12	11.63	35.08	100	293	A	H
		5353.12	52.21	-21.79	74	41.32	34.21	11.76	35.08	100	293	P	H
		5350.24	45.95	-8.05	54	35.06	34.21	11.76	35.08	100	293	A	H
													H
													H
	*	5320	105.7	-	-	95.03	34.12	11.63	35.08	289	269	P	V
	*	5320	97.91	-	-	87.24	34.12	11.63	35.08	289	269	A	V
		5350.4	52.04	-21.96	74	41.15	34.21	11.76	35.08	289	269	P	V
		5350.4	43.61	-10.39	54	32.72	34.21	11.76	35.08	289	269	A	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 52 5260MHz		10520	43.8	-30.2	74	46.53	39.18	17.17	59.08	100	0	P	H
		15780	46.31	-27.69	74	42.04	41.55	19.75	57.03	100	0	P	H
													H
													H
		10520	44.35	-29.65	74	47.08	39.18	17.17	59.08	100	0	P	V
		15780	46.54	-27.46	74	42.27	41.55	19.75	57.03	100	0	P	V
													V
													V
802.11a CH 60 5300MHz		10600	43.66	-30.34	74	46.39	39.06	17.17	58.96	100	0	P	H
		15900	45.49	-28.51	74	40.84	41.79	19.82	56.96	100	0	P	H
													H
													H
		10600	44.57	-29.43	74	47.3	39.06	17.17	58.96	100	0	P	V
		15900	46.68	-27.32	74	42.03	41.79	19.82	56.96	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	43.56	-30.44	74	560.76	-500	17.17	34.37	100	0	P	H
		15960	46.37	-27.63	74	41.49	41.93	19.87	56.92	100	0	P	H
													H
													H
		10640	44.18	-29.82	74	46.91	39.01	17.17	58.91	100	0	P	V
		15960	46.37	-27.63	74	41.49	41.93	19.87	56.92	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		5138.84	52.09	-21.91	74	42.34	33.65	11.18	35.08	105	291	P	H
		5104.26	44.13	-9.87	54	34.46	33.56	11.18	35.07	105	291	A	H
	*	5260	108.33	-	-	98.04	33.99	11.38	35.08	105	291	P	H
	*	5260	100.96	-	-	90.67	33.99	11.38	35.08	105	291	A	H
		5352.48	50.32	-23.68	74	39.43	34.21	11.76	35.08	105	291	P	H
		5363.28	42.28	-11.72	54	31.35	34.25	11.76	35.08	105	291	A	H
		5016.38	50.93	-23.07	74	41.59	33.34	11.07	35.07	251	266	P	V
		5102.7	43	-11	54	33.33	33.56	11.18	35.07	251	266	A	V
	*	5260	107.02	-	-	96.73	33.99	11.38	35.08	251	266	P	V
	*	5260	99.67	-	-	89.38	33.99	11.38	35.08	251	266	A	V
		5458.8	49.99	-24.01	74	38.72	34.47	11.89	35.09	251	266	P	V
		5350.56	41.77	-12.23	54	30.88	34.21	11.76	35.08	251	266	A	V
802.11n HT20 CH 60 5300MHz		5065	51.95	-22.05	74	42.41	33.47	11.14	35.07	102	291	P	H
		5063.96	43.75	-10.25	54	34.21	33.47	11.14	35.07	102	291	A	H
	*	5300	106.5	-	-	95.99	34.08	11.51	35.08	102	291	P	H
	*	5300	99.85	-	-	89.34	34.08	11.51	35.08	102	291	A	H
		5358.48	53.07	-20.93	74	42.18	34.21	11.76	35.08	102	291	P	H
		5361.12	43.89	-10.11	54	32.96	34.25	11.76	35.08	102	291	A	H
		5056.42	49.94	-24.06	74	40.43	33.47	11.11	35.07	235	266	P	V
		5136.76	42.5	-11.5	54	32.75	33.65	11.18	35.08	235	266	A	V
	*	5300	106.36	-	-	95.85	34.08	11.51	35.08	235	266	P	V
	*	5300	98.81	-	-	88.3	34.08	11.51	35.08	235	266	A	V
		5361.12	50.98	-23.02	74	40.05	34.25	11.76	35.08	235	266	P	V
		5352.96	42.63	-11.37	54	31.74	34.21	11.76	35.08	235	266	A	V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 64 5320MHz	*	5320	106.81	-	-	96.14	34.12	11.63	35.08	100	290	P	H
	*	5320	99.6	-	-	88.93	34.12	11.63	35.08	100	290	A	H
		5353.76	55.59	-18.41	74	44.7	34.21	11.76	35.08	100	290	P	H
		5350.4	46.81	-7.19	54	35.92	34.21	11.76	35.08	100	290	A	H
													H
													H
	*	5320	105.95	-	-	95.28	34.12	11.63	35.08	243	265	P	V
	*	5320	98.74	-	-	88.07	34.12	11.63	35.08	243	265	A	V
		5350.72	53.24	-20.76	74	42.35	34.21	11.76	35.08	243	265	P	V
		5350.08	46.22	-7.78	54	35.33	34.21	11.76	35.08	243	265	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 52 5260MHz		10520	43.72	-30.28	74	46.45	39.18	17.17	59.08	100	0	P	H
		15780	46.59	-27.41	74	42.32	41.55	19.75	57.03	100	0	P	H
													H
													H
		10520	43.59	-30.41	74	46.32	39.18	17.17	59.08	100	0	P	V
		15780	46.05	-27.95	74	41.78	41.55	19.75	57.03	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	44.08	-29.92	74	46.81	39.06	17.17	58.96	100	0	P	H
		15900	46.82	-27.18	74	42.17	41.79	19.82	56.96	100	0	P	H
													H
													H
		10600	44.27	-29.73	74	47	39.06	17.17	58.96	100	0	P	V
		15900	45.96	-28.04	74	41.31	41.79	19.82	56.96	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	43.88	-30.12	74	46.61	39.01	17.17	58.91	100	0	P	H
		15960	45.13	-28.87	74	40.25	41.93	19.87	56.92	100	0	P	H
													H
													H
		10640	44.22	-29.78	74	46.95	39.01	17.17	58.91	100	0	P	V
		15960	46.2	-27.8	74	41.32	41.93	19.87	56.92	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		5124.8	50.86	-23.14	74	41.11	33.65	11.18	35.08	100	288	P	H
		5112.58	43.35	-10.65	54	33.64	33.6	11.18	35.07	100	288	A	H
	*	5270	105.61	-	-	95.19	33.99	11.51	35.08	100	288	P	H
	*	5270	97.59	-	-	87.17	33.99	11.51	35.08	100	288	A	H
		5396.4	52.06	-21.94	74	40.92	34.34	11.89	35.09	100	288	P	H
		5351.28	45.33	-8.67	54	34.44	34.21	11.76	35.08	100	288	A	H
		5143	50.82	-23.18	74	41	33.69	11.21	35.08	280	268	P	V
		5120.9	42.82	-11.18	54	33.12	33.6	11.18	35.08	280	268	A	V
	*	5270	103.82	-	-	93.4	33.99	11.51	35.08	280	268	P	V
	*	5270	95.62	-	-	85.2	33.99	11.51	35.08	280	268	A	V
		5352.96	50.39	-23.61	74	39.5	34.21	11.76	35.08	280	268	P	V
		5357.28	43	-11	54	32.11	34.21	11.76	35.08	280	268	A	V
802.11n HT40 CH 62 5310MHz		5148.72	51.46	-22.54	74	41.64	33.69	11.21	35.08	100	293	P	H
		5081.64	43.58	-10.42	54	33.99	33.52	11.14	35.07	100	293	A	H
	*	5310	105.56	-	-	94.89	34.12	11.63	35.08	100	293	P	H
	*	5310	97.25	-	-	86.58	34.12	11.63	35.08	100	293	A	H
		5350.56	58.14	-15.86	74	47.25	34.21	11.76	35.08	100	293	P	H
		5354.64	50.82	-3.18	54	39.93	34.21	11.76	35.08	100	293	A	H
		5063.96	50.33	-23.67	74	40.79	33.47	11.14	35.07	234	266	P	V
		5075.92	42.82	-11.18	54	33.23	33.52	11.14	35.07	234	266	A	V
	*	5310	102.78	-	-	92.11	34.12	11.63	35.08	234	266	P	V
	*	5310	94.49	-	-	83.82	34.12	11.63	35.08	234	266	A	V
		5354.88	54.01	-19.99	74	43.12	34.21	11.76	35.08	234	266	P	V
		5350.8	47.43	-6.57	54	36.54	34.21	11.76	35.08	234	266	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 54 5270MHz		10540	44.49	-29.51	74	47.22	39.15	17.17	59.05	100	0	P	H
		15810	46.57	-27.43	74	42.19	41.62	19.77	57.01	100	0	P	H
													H
													H
		10540	44.9	-29.1	74	47.63	39.15	17.17	59.05	100	0	P	V
		15810	47.08	-26.92	74	42.7	41.62	19.77	57.01	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	45.03	-28.97	74	47.76	39.03	17.17	58.93	100	0	P	H
		15930	46.58	-27.42	74	41.82	41.86	19.84	56.94	100	0	P	H
													H
													H
		10630	43.66	-30.34	74	46.39	39.03	17.17	58.93	100	0	P	V
		15930	46.97	-27.03	74	42.21	41.86	19.84	56.94	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 2 5250~5350MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		5073.84	51.37	-22.63	74	41.78	33.52	11.14	35.07	101	293	P	H
		5139.1	42.87	-11.13	54	33.12	33.65	11.18	35.08	101	293	A	H
	*	5290	101.06	-	-	90.59	34.04	11.51	35.08	101	293	P	H
	*	5290	92.36	-	-	81.89	34.04	11.51	35.08	101	293	A	H
		5354.56	57.91	-16.09	74	47.02	34.21	11.76	35.08	101	293	P	H
		5353.44	51.17	-2.83	54	40.28	34.21	11.76	35.08	101	293	A	H
		5081.9	49.38	-24.62	74	39.79	33.52	11.14	35.07	313	186	P	V
		5124.28	42.07	-11.93	54	32.32	33.65	11.18	35.08	313	186	A	V
	*	5290	98.41	-	-	87.94	34.04	11.51	35.08	313	186	P	V
	*	5290	90.33	-	-	79.86	34.04	11.51	35.08	313	186	A	V
		5353.2	50.93	-23.07	74	40.04	34.21	11.76	35.08	313	186	P	V
		5351.52	44.06	-9.94	54	33.17	34.21	11.76	35.08	313	186	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

**Band 2 5250~5350MHz****WIFI 802.11ac VHT80 (Harmonic @ 3m)**

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 58 5290MHz		10580	44.91	-29.09	74	47.64	39.08	17.17	58.98	100	0	P	H
		15870	47.39	-26.61	74	42.78	41.76	19.82	56.97	100	0	P	H
													H
													H
		10580	43.37	-30.63	74	46.1	39.08	17.17	58.98	100	0	P	V
		15870	47.02	-26.98	74	42.41	41.76	19.82	56.97	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5463.12	50.67	-23.33	74	39.36	34.51	11.89	35.09	100	290	P	H
		5470	44.16	-9.84	54	32.85	34.51	11.89	35.09	100	290	A	H
	*	5500	106.4	-	-	95	34.6	11.89	35.09	100	290	P	H
	*	5500	98.5	-	-	87.1	34.6	11.89	35.09	100	290	A	H
													H
													H
		5464.56	52.14	-21.86	74	40.83	34.51	11.89	35.09	328	273	P	V
		5469.68	42.57	-11.43	54	31.26	34.51	11.89	35.09	328	273	A	V
	*	5500	105.89	-	-	94.49	34.6	11.89	35.09	328	273	P	V
	*	5500	97.7	-	-	86.3	34.6	11.89	35.09	328	273	A	V
													V
													V
802.11a CH 116 5580MHz		5416	49.76	-24.24	74	38.58	34.38	11.89	35.09	100	292	P	H
		5469.28	41.58	-12.42	54	30.27	34.51	11.89	35.09	100	292	A	H
	*	5580	106.98	-	-	95.6	34.6	11.89	35.11	100	292	P	H
	*	5580	98.68	-	-	87.3	34.6	11.89	35.11	100	292	A	H
		5755.375	50.71	-23.29	74	39.15	34.6	12.11	35.15	100	292	P	H
		5759.925	41.68	-12.32	54	30.13	34.6	12.11	35.16	100	292	A	H
		5461.6	49.87	-24.13	74	38.6	34.47	11.89	35.09	295	144	P	V
		5467.6	41.23	-12.77	54	29.92	34.51	11.89	35.09	295	144	A	V
	*	5580	105.98	-	-	94.6	34.6	11.89	35.11	295	144	P	V
	*	5580	97.78	-	-	86.4	34.6	11.89	35.11	295	144	A	V
		5733.15	51.76	-22.24	74	40.25	34.6	12.06	35.15	295	144	P	V
		5759.925	42.46	-11.54	54	30.91	34.6	12.11	35.16	295	144	A	V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 140 5700MHz	*	5700	108.06	-	-	96.6	34.6	12	35.14	100	338	P	H
	*	5700	99.86	-	-	88.4	34.6	12	35.14	100	338	A	H
		5728.44	57.57	-16.43	74	46.05	34.6	12.06	35.14	100	338	P	H
		5725.24	47.9	-6.1	54	36.38	34.6	12.06	35.14	100	338	A	H
													H
													H
	*	5700	109.46	-	-	98	34.6	12	35.14	286	145	P	V
	*	5700	100.46	-	-	89	34.6	12	35.14	286	145	A	V
		5727.4	57.11	-16.89	74	45.59	34.6	12.06	35.14	286	145	P	V
		5725.16	47.82	-6.18	54	36.3	34.6	12.06	35.14	286	145	A	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 100 5500MHz		11000	44.34	-29.66	74	47.07	38.5	17.17	58.4	100	0	P	H
		16500	48.42	-25.58	74	41.29	43	20.23	56.1	100	0	P	H
													H
													H
		11000	45.34	-28.66	74	48.07	38.5	17.17	58.4	100	0	P	V
		16500	49.15	-24.85	74	42.02	43	20.23	56.1	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	43	-31	74	45.1	38.77	17.16	58.03	100	0	P	H
		16740	48.21	-25.79	74	40.88	42.9	20.39	55.96	100	0	P	H
													H
													H
		11160	45.01	-28.99	74	47.11	38.77	17.16	58.03	100	0	P	V
		16740	48.13	-25.87	74	40.8	42.9	20.39	55.96	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	43.69	-30.31	74	44.91	39.14	17.16	57.52	100	0	P	H
		17100	49.47	-24.53	74	42.02	42.64	20.65	55.84	100	0	P	H
													H
													H
		11400	43.07	-30.93	74	44.29	39.14	17.16	57.52	100	0	P	V
		17100	49.15	-24.85	74	41.7	42.64	20.65	55.84	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		5467.28	52.19	-21.81	74	40.88	34.51	11.89	35.09	100	294	P	H
		5469.52	45.61	-8.39	54	34.3	34.51	11.89	35.09	100	294	A	H
	*	5500	107.47	-	-	96.07	34.6	11.89	35.09	100	294	P	H
	*	5500	99.41	-	-	88.01	34.6	11.89	35.09	100	294	A	H
													H
													H
		5460.08	51.14	-22.86	74	39.87	34.47	11.89	35.09	309	276	P	V
		5469.84	43.79	-10.21	54	32.48	34.51	11.89	35.09	309	276	A	V
	*	5500	106.62	-	-	95.22	34.6	11.89	35.09	309	276	P	V
	*	5500	98.55	-	-	87.15	34.6	11.89	35.09	309	276	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5354.08	50.71	-23.29	74	39.82	34.21	11.76	35.08	100	292	P	H
		5461.12	42.08	-11.92	54	30.81	34.47	11.89	35.09	100	292	A	H
	*	5580	107.93	-	-	96.55	34.6	11.89	35.11	100	292	P	H
	*	5580	99.98	-	-	88.6	34.6	11.89	35.11	100	292	A	H
		5754.15	50.1	-23.9	74	38.54	34.6	12.11	35.15	100	292	P	H
		5748.9	41.84	-12.16	54	30.28	34.6	12.11	35.15	100	292	A	H
		5447.92	49.3	-24.7	74	38.03	34.47	11.89	35.09	304	276	P	V
		5468.56	41.57	-12.43	54	30.26	34.51	11.89	35.09	304	276	A	V
	*	5580	106.58	-	-	95.2	34.6	11.89	35.11	304	276	P	V
	*	5580	98.61	-	-	87.23	34.6	11.89	35.11	304	276	A	V
		5755.2	50.45	-23.55	74	38.89	34.6	12.11	35.15	304	276	P	V
		5742.075	41.7	-12.3	54	30.14	34.6	12.11	35.15	304	276	A	V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 140 5700MHz	*	5700	108.16	-	-	96.7	34.6	12	35.14	100	338	P	H
	*	5700	100.26	-	-	88.8	34.6	12	35.14	100	338	A	H
		5726.52	57.03	-16.97	74	45.51	34.6	12.06	35.14	100	338	P	H
		5725.32	48.05	-5.95	54	36.53	34.6	12.06	35.14	100	338	A	H
													H
													H
	*	5700	106.64	-	-	95.18	34.6	12	35.14	270	146	P	V
	*	5700	98.78	-	-	87.32	34.6	12	35.14	270	146	A	V
		5727.16	54.79	-19.21	74	43.27	34.6	12.06	35.14	270	146	P	V
		5725.24	46.98	-7.02	54	35.46	34.6	12.06	35.14	270	146	A	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 100 5500MHz		11000	45.03	-28.97	74	47.76	38.5	17.17	58.4	100	0	P	H
		16500	48.49	-25.51	74	41.36	43	20.23	56.1	100	0	P	H
													H
													H
		11000	44.31	-29.69	74	47.04	38.5	17.17	58.4	100	0	P	V
		16500	48.27	-25.73	74	41.14	43	20.23	56.1	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	44.03	-29.97	74	46.13	38.77	17.16	58.03	100	0	P	H
		16740	48.3	-25.7	74	40.97	42.9	20.39	55.96	100	0	P	H
													H
													H
		11160	43.75	-30.25	74	45.85	38.77	17.16	58.03	100	0	P	V
		16740	48.62	-25.38	74	41.29	42.9	20.39	55.96	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	43.38	-30.62	74	44.6	39.14	17.16	57.52	100	0	P	H
		17100	49.23	-24.77	74	41.78	42.64	20.65	55.84	100	0	P	H
													H
													H
		11400	43.3	-30.7	74	44.52	39.14	17.16	57.52	100	0	P	V
		17100	48.93	-25.07	74	41.48	42.64	20.65	55.84	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		5469.76	55.16	-18.84	74	43.85	34.51	11.89	35.09	104	293	P	H
		5469.76	48.99	-5.01	54	37.68	34.51	11.89	35.09	104	293	A	H
	*	5510	105.14	-	-	93.75	34.6	11.89	35.1	104	293	P	H
	*	5510	96.79	-	-	85.4	34.6	11.89	35.1	104	293	A	H
		5746.45	50.08	-23.92	74	38.52	34.6	12.11	35.15	104	293	P	H
		5760.975	42.33	-11.67	54	30.78	34.6	12.11	35.16	104	293	A	H
		5468.08	55.25	-18.75	74	43.94	34.51	11.89	35.09	275	223	P	V
		5470	50.56	-3.44	54	39.25	34.51	11.89	35.09	275	223	A	V
	*	5510	104.69	-	-	93.3	34.6	11.89	35.1	275	223	P	V
	*	5510	96.63	-	-	85.24	34.6	11.89	35.1	275	223	A	V
		5760.8	49.79	-24.21	74	38.24	34.6	12.11	35.16	275	223	P	V
		5736.3	42.17	-11.83	54	30.66	34.6	12.06	35.15	275	223	A	V
802.11n HT40 CH 110 5550MHz		5456.56	50.49	-23.51	74	39.22	34.47	11.89	35.09	107	340	P	H
		5462.8	43.64	-10.36	54	32.33	34.51	11.89	35.09	107	340	A	H
	*	5550	105.89	-	-	94.5	34.6	11.89	35.1	107	340	P	H
	*	5550	97.69	-	-	86.3	34.6	11.89	35.1	107	340	A	H
		5751.35	50.32	-23.68	74	38.76	34.6	12.11	35.15	107	340	P	H
		5727.2	42.64	-11.36	54	31.12	34.6	12.06	35.14	107	340	A	H
		5427.76	51.48	-22.52	74	40.3	34.38	11.89	35.09	298	223	P	V
		5466.4	43.63	-10.37	54	32.32	34.51	11.89	35.09	298	223	A	V
	*	5550	104.29	-	-	92.9	34.6	11.89	35.1	298	223	P	V
	*	5550	95.79	-	-	84.4	34.6	11.89	35.1	298	223	A	V
		5738.75	49.39	-24.61	74	37.88	34.6	12.06	35.15	298	223	P	V
		5739.625	42.28	-11.72	54	30.77	34.6	12.06	35.15	298	223	A	V



WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 134 5670MHz		5356.48	49.74	-24.26	74	38.85	34.21	11.76	35.08	100	339	P	H
		5437.6	42.77	-11.23	54	31.54	34.43	11.89	35.09	100	339	A	H
	*	5670	106.88	-	-	95.41	34.6	12	35.13	100	339	P	H
	*	5670	98.88	-	-	87.41	34.6	12	35.13	100	339	A	H
		5731.225	53.2	-20.8	74	41.69	34.6	12.06	35.15	100	339	P	H
		5725.275	45.11	-8.89	54	33.59	34.6	12.06	35.14	100	339	A	H
		5420.08	50.39	-23.61	74	39.21	34.38	11.89	35.09	288	143	P	V
		5440.48	41.93	-12.07	54	30.7	34.43	11.89	35.09	288	143	A	V
	*	5670	104.27	-	-	92.8	34.6	12	35.13	288	143	P	V
	*	5670	96.27	-	-	84.8	34.6	12	35.13	288	143	A	V
		5754.85	51.48	-22.52	74	39.92	34.6	12.11	35.15	288	143	P	V
		5759.75	43.9	-10.1	54	32.35	34.6	12.11	35.16	288	143	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 102 5510MHz		11020	45.55	-28.45	74	48.21	38.53	17.17	58.36	100	0	P	H
		16530	49.99	-24.01	74	42.83	42.99	20.25	56.08	100	0	P	H
													H
													H
		11020	44.99	-29.01	74	47.65	38.53	17.17	58.36	100	0	P	V
		16530	49.14	-24.86	74	41.98	42.99	20.25	56.08	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	44.65	-29.35	74	47.01	38.66	17.16	58.18	100	0	P	H
		16650	49.29	-24.71	74	42.02	42.94	20.34	56.01	100	0	P	H
													H
													H
		11100	44.53	-29.47	74	46.89	38.66	17.16	58.18	100	0	P	V
		16650	49.7	-24.3	74	42.43	42.94	20.34	56.01	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	44.77	-29.23	74	46.25	39.03	17.16	57.67	100	0	P	H
		17010	54.65	-19.35	74	47.1	42.77	20.59	55.81	100	352	P	H
		17010	47.34	-6.66	54	39.79	42.77	20.59	55.81	100	352	A	H
													H
		11340	44.27	-29.73	74	45.75	39.03	17.16	57.67	100	0	P	V
		17010	52.15	-21.85	74	44.6	42.77	20.59	55.81	100	22	P	V
		17010	44.47	-9.53	54	36.92	42.77	20.59	55.81	100	22	A	V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - 5470~5725MHz

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		5454.16	58.94	-15.06	74	47.67	34.47	11.89	35.09	100	339	P	H
		5468.32	52.13	-1.87	54	40.82	34.51	11.89	35.09	100	339	A	H
	*	5530	102.89	-	-	91.5	34.6	11.89	35.1	100	339	P	H
	*	5530	94.48	-	-	83.09	34.6	11.89	35.1	100	339	A	H
		5725	49.26	-24.74	74	37.74	34.6	12.06	35.14	100	339	P	H
		5733.85	42.38	-11.62	54	30.87	34.6	12.06	35.15	100	339	A	H
		5468.8	58.1	-15.9	74	46.79	34.51	11.89	35.09	302	222	P	V
		5468.8	51.79	-2.21	54	40.48	34.51	11.89	35.09	302	222	A	V
	*	5530	101.89	-	-	90.5	34.6	11.89	35.1	302	222	P	V
	*	5530	93.49	-	-	82.1	34.6	11.89	35.1	302	222	A	V
		5734.9	50.03	-23.97	74	38.52	34.6	12.06	35.15	302	222	P	V
		5764.475	42.21	-11.79	54	30.66	34.6	12.11	35.16	302	222	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 5470~5725MHz

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 106 5530MHz		11060	44.25	-29.75	74	46.73	38.61	17.16	58.25	100	0	P	H
		16590	48.37	-25.63	74	41.14	42.97	20.31	56.05	100	0	P	H
													H
													H
		11060	44.19	-29.81	74	46.67	38.61	17.16	58.25	100	0	P	V
		16590	48.84	-25.16	74	41.61	42.97	20.31	56.05	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel
WIFI 802.11a (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz	*	5720	107.71	-	-	96.19	34.6	12.06	35.14	100	339	P	H
	*	5720	99.81	-	-	88.29	34.6	12.06	35.14	100	339	A	H
													H
													H
													H
													H
	*	5720	108.41	-	-	96.89	34.6	12.06	35.14	284	148	P	V
	*	5720	100.51	-	-	88.99	34.6	12.06	35.14	284	148	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel
WIFI 802.11a (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11a CH 144 5720MHz		11440	43.56	-30.44	74	44.66	39.19	17.16	57.45	100	0	P	H
		17160	49.26	-24.74	74	41.9	42.53	20.7	55.87	100	0	P	H
													H
													H
		11440	43.07	-30.93	74	44.17	39.19	17.16	57.45	100	0	P	V
		17160	48.79	-25.21	74	41.43	42.53	20.7	55.87	100	0	P	V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



Band 3 - Straddle Channel

WIFI 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz	*	5720	108.19	-	-	96.67	34.6	12.06	35.14	100	339	P	H
	*	5720	100.21	-	-	88.69	34.6	12.06	35.14	100	339	A	H
													H
													H
													H
													H
	*	5720	107.51	-	-	95.99	34.6	12.06	35.14	269	149	P	V
	*	5720	99.61	-	-	88.09	34.6	12.06	35.14	269	149	A	V
													V
													V
													V
													V
Remark - No other spurious found. - All results are PASS against Peak and Average limit line.													

Band 3 - Straddle Channel

WIFI 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT20 CH 144 5720MHz		11440	43.79	-30.21	74	44.89	39.19	17.16	57.45	100	0	P	H
		17160	49.09	-24.91	74	41.73	42.53	20.7	55.87	100	0	P	H
													H
													H
		11440	43.37	-30.63	74	44.47	39.19	17.16	57.45	100	0	P	V
		17160	49.03	-24.97	74	41.67	42.53	20.7	55.87	100	0	P	V
													V
													V
Remark - No other spurious found. - All results are PASS against Peak and Average limit line.													



Band 3 - Straddle Channel

WIFI 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz	*	5710	106.06	-	-	94.54	34.6	12.06	35.14	100	339	P	H
	*	5710	97.56	-	-	86.04	34.6	12.06	35.14	100	339	A	H
													H
													H
													H
													H
	*	5710	104.61	-	-	93.09	34.6	12.06	35.14	258	147	P	V
	*	5710	96.61	-	-	85.09	34.6	12.06	35.14	258	147	A	V
													V
													V
													V
													V
Remark - No other spurious found. - All results are PASS against Peak and Average limit line.													

Band 3 - Straddle Channel

WIFI 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11n HT40 CH 142 5710MHz		11420	44.3	-29.7	74	45.45	39.17	17.16	57.48	100	0	P	H
		17130	53.97	-20.03	74	46.56	42.59	20.67	55.85	100	352	P	H
		17130	45.88	-8.12	54	38.47	42.59	20.67	55.85	100	352	A	H
													H
		11420	44.47	-29.53	74	45.62	39.17	17.16	57.48	100	0	P	V
		17130	50.89	-23.11	74	43.48	42.59	20.67	55.85	100	0	P	V
													V
													V
Remark - No other spurious found. - All results are PASS against Peak and Average limit line.													



Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz	*	5690	103.63	-	-	92.17	34.6	12	35.14	100	340	P	H
	*	5690	95.26	-	-	83.8	34.6	12	35.14	100	340	A	H
													H
													H
													H
													H
	*	5690	100.52	-	-	89.06	34.6	12	35.14	293	280	P	V
	*	5690	92.16	-	-	80.7	34.6	12	35.14	293	280	A	V
													V
													V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												

Band 3 - Straddle Channel

WIFI 802.11ac VHT80 (Harmonic @ 3m)

WIFI Ant. 2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ac VHT80 CH 138 5690MHz		11380	43.47	-30.53	74	44.76	39.11	17.16	57.56	100	0	P	H
		17070	49.68	-24.32	74	42.17	42.69	20.65	55.83	100	0	P	H
													H
													H
		11380	45.09	-28.91	74	46.38	39.11	17.16	57.56	100	0	P	V
		17070	51.18	-22.82	74	43.67	42.69	20.65	55.83	100	0	P	V
													V
													V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



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.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11n HT40 LF		31.08	27.62	-12.38	40	32.45	25.46	1.07	31.36	100	0	P	H
		82.38	25.16	-14.84	40	41.29	14.14	1.28	31.55	-	-	P	H
		182.01	31.08	-12.42	43.5	45.28	15.42	1.87	31.49	-	-	P	H
		331.5	25.56	-20.44	46	33.7	20.69	2.41	31.24	-	-	P	H
		694.1	29.22	-16.78	46	29.96	26.34	3.65	30.73	-	-	P	H
		941.2	33.49	-12.51	46	29.96	29.99	4.07	30.53	-	-	P	H
													H
													H
													H
													H
													H
													H
		35.94	33.05	-6.95	40	40.69	22.72	1.07	31.43	100	85	P	V
		62.67	29.16	-10.84	40	47.25	12.21	1.28	31.58	-	-	P	V
		166.89	23.96	-19.54	43.5	37.37	16.3	1.78	31.49	-	-	P	V
		480.6	26.13	-19.87	46	30.36	23.78	3.04	31.05	-	-	P	V
		750.1	30.41	-15.59	46	30.04	27.2	3.82	30.65	-	-	P	V
		939.8	33.41	-12.59	46	29.86	29.96	4.12	30.53	-	-	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.
!	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		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”.