



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		5148.2	52.34	-21.66	74	42.52	33.69	11.21	35.08	100	80	P	H
		5149.76	43.83	-10.17	54	34.01	33.69	11.21	35.08	100	80	A	H
	*	5180	106.51	-	-	96.6	33.78	11.21	35.08	100	80	P	H
	*	5180	98.3	-	-	88.39	33.78	11.21	35.08	100	80	A	H
													H
													H
		5143	50.17	-23.83	74	40.35	33.69	11.21	35.08	290	288	P	V
		5150	43.26	-10.74	54	33.44	33.69	11.21	35.08	290	288	A	V
	*	5180	105.76	-	-	95.85	33.78	11.21	35.08	290	288	P	V
	*	5180	98.04	-	-	88.13	33.78	11.21	35.08	290	288	A	V
													V
													V
802.11n HT20 CH 44 5220MHz		5098.02	50.61	-23.39	74	40.98	33.56	11.14	35.07	100	79	P	H
		5116.48	42.31	-11.69	54	32.6	33.6	11.18	35.07	100	79	A	H
	*	5220	106.2	-	-	96.17	33.86	11.25	35.08	100	79	P	H
	*	5220	98.6	-	-	88.57	33.86	11.25	35.08	100	79	A	H
		5459.52	49.5	-24.5	74	38.23	34.47	11.89	35.09	100	79	P	H
		5458.08	41.53	-12.47	54	30.26	34.47	11.89	35.09	100	79	A	H
		5059.28	50.43	-23.57	74	40.92	33.47	11.11	35.07	258	274	P	V
		5137.54	42.51	-11.49	54	32.76	33.65	11.18	35.08	258	274	A	V
	*	5220	105.77	-	-	95.74	33.86	11.25	35.08	258	274	P	V
	*	5220	98.03	-	-	88	33.86	11.25	35.08	258	274	A	V
		5417.04	48.9	-25.1	74	37.72	34.38	11.89	35.09	258	274	P	V
		5381.04	41.61	-12.39	54	30.51	34.3	11.89	35.09	258	274	A	V



WIFI Ant. 1+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		5104.52	50.35	-23.65	74	40.68	33.56	11.18	35.07	100	26	P	H
		5130.52	41.32	-12.68	54	31.57	33.65	11.18	35.08	100	26	A	H
	*	5240	105.47	-	-	95.26	33.91	11.38	35.08	100	26	P	H
	*	5240	97.97	-	-	87.76	33.91	11.38	35.08	100	26	A	H
		5409.84	49.32	-24.68	74	38.18	34.34	11.89	35.09	100	26	P	H
		5401.68	41.67	-12.33	54	30.53	34.34	11.89	35.09	100	26	A	H
		5118.56	50.85	-23.15	74	41.15	33.6	11.18	35.08	267	262	P	V
		5084.5	42.84	-11.16	54	33.25	33.52	11.14	35.07	267	262	A	V
	*	5240	106.1	-	-	95.89	33.91	11.38	35.08	267	262	P	V
	*	5240	98.32	-	-	88.11	33.91	11.38	35.08	267	262	A	V
		5435.52	48.95	-25.05	74	37.72	34.43	11.89	35.09	267	262	P	V
		5397.84	41.31	-12.69	54	30.17	34.34	11.89	35.09	267	262	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. 1+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	44.1	-29.9	74	47.05	39.09	17.17	59.21	100	0	P	H
		15540	45.99	-28.01	74	42.49	41.07	19.61	57.18	100	0	P	H
													H
													H
		10360	44.57	-29.43	74	47.52	39.09	17.17	59.21	100	0	P	V
		15540	46.45	-27.55	74	42.95	41.07	19.61	57.18	100	0	P	V
													V
													V
802.11n HT20 CH 44 5220MHz		10440	45.92	-28.08	74	48.75	39.15	17.17	59.15	100	0	P	H
		15660	46.72	-27.28	74	42.84	41.31	19.68	57.11	100	0	P	H
													H
													H
		10440	44.99	-29.01	74	47.82	39.15	17.17	59.15	100	0	P	V
		15660	47.52	-26.48	74	43.64	41.31	19.68	57.11	100	0	P	V
													V
													V
802.11n HT20 CH 48 5240MHz		10480	44.9	-29.1	74	47.65	39.19	17.17	59.11	100	0	P	H
		15720	47.29	-26.71	74	43.18	41.45	19.73	57.07	100	0	P	H
													H
													H
		10480	45.07	-28.93	74	47.82	39.19	17.17	59.11	100	0	P	V
		15720	47.16	-26.84	74	43.05	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. 1+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		5148.98	52.06	-21.94	74	42.24	33.69	11.21	35.08	100	81	P	H
		5148.98	43.83	-10.17	54	34.01	33.69	11.21	35.08	100	81	A	H
	*	5190	103.01	-	-	93.06	33.78	11.25	35.08	100	81	P	H
	*	5190	95.12	-	-	85.17	33.78	11.25	35.08	100	81	A	H
		5429.52	48.99	-25.01	74	37.76	34.43	11.89	35.09	100	81	P	H
		5423.76	41.35	-12.65	54	30.17	34.38	11.89	35.09	100	81	A	H
		5148.46	51.45	-22.55	74	41.63	33.69	11.21	35.08	264	274	P	V
		5149.5	44.28	-9.72	54	34.46	33.69	11.21	35.08	264	274	A	V
	*	5190	102.97	-	-	93.02	33.78	11.25	35.08	264	274	P	V
	*	5190	94.72	-	-	84.77	33.78	11.25	35.08	264	274	A	V
		5451.84	48.8	-25.2	74	37.53	34.47	11.89	35.09	264	274	P	V
		5438.64	41.42	-12.58	54	30.19	34.43	11.89	35.09	264	274	A	V
802.11n HT40 CH 46 5230MHz		5142.22	49.95	-24.05	74	40.13	33.69	11.21	35.08	100	28	P	H
		5134.94	42.02	-11.98	54	32.27	33.65	11.18	35.08	100	28	A	H
	*	5230	103.22	-	-	93.01	33.91	11.38	35.08	100	28	P	H
	*	5230	95.59	-	-	85.38	33.91	11.38	35.08	100	28	A	H
		5408.16	49.49	-24.51	74	38.35	34.34	11.89	35.09	100	28	P	H
		5455.92	41.6	-12.4	54	30.33	34.47	11.89	35.09	100	28	A	H
		5140.92	50.48	-23.52	74	40.66	33.69	11.21	35.08	264	264	P	V
		5144.3	42.48	-11.52	54	32.66	33.69	11.21	35.08	264	264	A	V
	*	5230	103.92	-	-	93.71	33.91	11.38	35.08	264	264	P	V
	*	5230	95.62	-	-	85.41	33.91	11.38	35.08	264	264	A	V
		5457.36	48.45	-25.55	74	37.18	34.47	11.89	35.09	264	264	P	V
		5456.16	41.36	-12.64	54	30.09	34.47	11.89	35.09	264	264	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. 1+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	45.59	-28.41	74	48.5	39.11	17.17	59.19	100	0	P	H
		15570	46.87	-27.13	74	43.26	41.14	19.63	57.16	100	0	P	H
													H
													H
		10380	44.38	-29.62	74	47.29	39.11	17.17	59.19	100	0	P	V
		15570	45.8	-28.2	74	42.19	41.14	19.63	57.16	100	0	P	V
													V
													V
802.11n HT40 CH 46 5230MHz		10460	44.74	-29.26	74	47.55	39.16	17.17	59.14	100	0	P	H
		15690	46.45	-27.55	74	42.46	41.38	19.7	57.09	100	0	P	H
													H
													H
		10460	46.42	-27.58	74	49.23	39.16	17.17	59.14	100	0	P	V
		15690	46.21	-27.79	74	42.22	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. 1+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		5128.96	54.83	-19.17	74	45.08	33.65	11.18	35.08	100	80	P	H
		5140.14	47.01	-6.99	54	37.19	33.69	11.21	35.08	100	80	A	H
	*	5210	100.62	-	-	90.59	33.86	11.25	35.08	100	80	P	H
	*	5210	93.12	-	-	83.09	33.86	11.25	35.08	100	80	A	H
		5396.16	49.89	-24.11	74	38.75	34.34	11.89	35.09	100	80	P	H
		5407.68	42.78	-11.22	54	31.64	34.34	11.89	35.09	100	80	A	H
		5138.58	54.37	-19.63	74	44.62	33.65	11.18	35.08	276	270	P	V
		5143.26	48.12	-5.88	54	38.3	33.69	11.21	35.08	276	270	A	V
	*	5210	101.7	-	-	91.67	33.86	11.25	35.08	276	270	P	V
	*	5210	93.78	-	-	83.75	33.86	11.25	35.08	276	270	A	V
		5356.32	49.06	-24.94	74	38.17	34.21	11.76	35.08	276	270	P	V
		5459.76	43.03	-10.97	54	31.76	34.47	11.89	35.09	276	270	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. 1+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	45.17	-28.83	74	48.04	39.13	17.17	59.17	100	0	P	H
		15630	46.3	-27.7	74	42.46	41.28	19.68	57.12	100	0	P	H
													H
													H
		10420	45.42	-28.58	74	48.29	39.13	17.17	59.17	100	0	P	V
		15630	46.23	-27.77	74	42.39	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 802.11n 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		5139.1	49.97	-24.03	74	40.22	33.65	11.18	35.08	103	27	P	H
		5148.46	41.64	-12.36	54	31.82	33.69	11.21	35.08	103	27	A	H
	*	5260	106.16	-	-	95.87	33.99	11.38	35.08	103	27	P	H
	*	5260	98.19	-	-	87.9	33.99	11.38	35.08	103	27	A	H
		5446.08	50.05	-23.95	74	38.78	34.47	11.89	35.09	103	27	P	H
		5416.56	41.73	-12.27	54	30.55	34.38	11.89	35.09	103	27	A	H
		5022.88	50.04	-23.96	74	40.61	33.39	11.11	35.07	267	264	P	V
		5100.36	42.54	-11.46	54	32.87	33.56	11.18	35.07	267	264	A	V
	*	5260	106.69	-	-	96.4	33.99	11.38	35.08	267	264	P	V
	*	5260	99.01	-	-	88.72	33.99	11.38	35.08	267	264	A	V
		5456.16	48.28	-25.72	74	37.01	34.47	11.89	35.09	267	264	P	V
		5358	41.47	-12.53	54	30.58	34.21	11.76	35.08	267	264	A	V
802.11n HT20 CH 60 5300MHz		5125.84	48.92	-25.08	74	39.17	33.65	11.18	35.08	100	27	P	H
		5138.58	41.64	-12.36	54	31.89	33.65	11.18	35.08	100	27	A	H
	*	5300	106.23	-	-	95.72	34.08	11.51	35.08	100	27	P	H
	*	5300	98.39	-	-	87.88	34.08	11.51	35.08	100	27	A	H
		5459.52	49.52	-24.48	74	38.25	34.47	11.89	35.09	100	27	P	H
		5361.6	42.6	-11.4	54	31.67	34.25	11.76	35.08	100	27	A	H
		5052	49.16	-24.84	74	39.69	33.43	11.11	35.07	268	262	P	V
		5063.44	42.53	-11.47	54	32.99	33.47	11.14	35.07	268	262	A	V
	*	5300	106.14	-	-	95.63	34.08	11.51	35.08	268	262	P	V
	*	5300	98.56	-	-	88.05	34.08	11.51	35.08	268	262	A	V
		5358	49.93	-24.07	74	39.04	34.21	11.76	35.08	268	262	P	V
		5350.08	42.31	-11.69	54	31.42	34.21	11.76	35.08	268	262	A	V



WIFI Ant. 1+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	106.57	-	-	95.9	34.12	11.63	35.08	100	27	P	H
	*	5320	98.7	-	-	88.03	34.12	11.63	35.08	100	27	A	H
		5357.76	51.9	-22.1	74	41.01	34.21	11.76	35.08	100	27	P	H
		5351.68	43.94	-10.06	54	33.05	34.21	11.76	35.08	100	27	A	H
													H
													H
	*	5320	106.24	-	-	95.57	34.12	11.63	35.08	264	262	P	V
	*	5320	98.41	-	-	87.74	34.12	11.63	35.08	264	262	A	V
		5361.28	49.85	-24.15	74	38.92	34.25	11.76	35.08	264	262	P	V
		5352.48	43.23	-10.77	54	32.34	34.21	11.76	35.08	264	262	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 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+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	44.75	-29.25	74	47.48	39.18	17.17	59.08	100	0	P	H
		15780	47.1	-26.9	74	42.83	41.55	19.75	57.03	100	0	P	H
													H
													H
		10520	45.48	-28.52	74	48.21	39.18	17.17	59.08	100	0	P	V
		15780	46.55	-27.45	74	42.28	41.55	19.75	57.03	100	0	P	V
													V
													V
802.11n HT20 CH 60 5300MHz		10600	44.21	-29.79	74	46.94	39.06	17.17	58.96	100	0	P	H
		15900	47.03	-26.97	74	42.38	41.79	19.82	56.96	100	0	P	H
													H
													H
		10600	45.81	-28.19	74	48.54	39.06	17.17	58.96	100	0	P	V
		15900	47.02	-26.98	74	42.37	41.79	19.82	56.96	100	0	P	V
													V
													V
802.11n HT20 CH 64 5320MHz		10640	44.42	-29.58	74	47.15	39.01	17.17	58.91	100	0	P	H
		15960	46.56	-27.44	74	41.68	41.93	19.87	56.92	100	0	P	H
													H
													H
		10640	44.52	-29.48	74	47.25	39.01	17.17	58.91	100	0	P	V
		15960	46.03	-27.97	74	41.15	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. 1+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		5063.44	49.32	-24.68	74	39.78	33.47	11.14	35.07	100	82	P	H
		5110.76	41.94	-12.06	54	32.23	33.6	11.18	35.07	100	82	A	H
	*	5270	102.63	-	-	92.21	33.99	11.51	35.08	100	82	P	H
	*	5270	94.84	-	-	84.42	33.99	11.51	35.08	100	82	A	H
		5426.64	49.09	-24.91	74	37.91	34.38	11.89	35.09	100	82	P	H
		5435.28	41.45	-12.55	54	30.22	34.43	11.89	35.09	100	82	A	H
		5101.66	49.34	-24.66	74	39.67	33.56	11.18	35.07	257	282	P	V
		5109.98	41.89	-12.11	54	32.18	33.6	11.18	35.07	257	282	A	V
	*	5270	102.8	-	-	92.38	33.99	11.51	35.08	257	282	P	V
	*	5270	95.17	-	-	84.75	33.99	11.51	35.08	257	282	A	V
		5367.6	50.13	-23.87	74	39.2	34.25	11.76	35.08	257	282	P	V
		5362.8	41.99	-12.01	54	31.06	34.25	11.76	35.08	257	282	A	V
802.11n HT40 CH 62 5310MHz		5141.18	50.92	-23.08	74	41.1	33.69	11.21	35.08	102	83	P	H
		5076.96	41.99	-12.01	54	32.4	33.52	11.14	35.07	102	83	A	H
	*	5310	101.64	-	-	90.97	34.12	11.63	35.08	102	83	P	H
	*	5310	93.78	-	-	83.11	34.12	11.63	35.08	102	83	A	H
		5350.32	50.91	-23.09	74	40.02	34.21	11.76	35.08	102	83	P	H
		5350.32	44.74	-9.26	54	33.85	34.21	11.76	35.08	102	83	A	H
		5074.1	49.95	-24.05	74	40.36	33.52	11.14	35.07	256	271	P	V
		5076.96	42.19	-11.81	54	32.6	33.52	11.14	35.07	256	271	A	V
	*	5310	102.4	-	-	91.73	34.12	11.63	35.08	256	271	P	V
	*	5310	95.23	-	-	84.56	34.12	11.63	35.08	256	271	A	V
		5350.08	51.27	-22.73	74	40.38	34.21	11.76	35.08	256	271	P	V
		5350.08	45.41	-8.59	54	34.52	34.21	11.76	35.08	256	271	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. 1+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	45.51	-28.49	74	48.24	39.15	17.17	59.05	100	0	P	H
		15810	47.85	-26.15	74	43.47	41.62	19.77	57.01	100	0	P	H
													H
													H
		10540	44.14	-29.86	74	46.87	39.15	17.17	59.05	100	0	P	V
		15810	46.6	-27.4	74	42.22	41.62	19.77	57.01	100	0	P	V
													V
													V
802.11n HT40 CH 62 5310MHz		10620	44.24	-29.76	74	46.97	39.03	17.17	58.93	100	0	P	H
		15930	45.81	-28.19	74	41.05	41.86	19.84	56.94	100	0	P	H
													H
													H
		10620	44.42	-29.58	74	47.15	39.03	17.17	58.93	100	0	P	V
		15930	46.57	-27.43	74	41.81	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. 1+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		5096.72	48.98	-25.02	74	39.35	33.56	11.14	35.07	112	28	P	H
		5104.78	43.34	-10.66	54	33.67	33.56	11.18	35.07	112	28	A	H
	*	5290	100.76	-	-	90.29	34.04	11.51	35.08	112	28	P	H
	*	5290	93.48	-	-	83.01	34.04	11.51	35.08	112	28	A	H
		5354.88	57.95	-16.05	74	47.06	34.21	11.76	35.08	112	28	P	H
		5350.32	50.8	-3.2	54	39.91	34.21	11.76	35.08	112	28	A	H
		5003.12	50.17	-23.83	74	40.87	33.3	11.07	35.07	266	264	P	V
		5146.64	43.05	-10.95	54	33.23	33.69	11.21	35.08	266	264	A	V
	*	5290	100.82	-	-	90.35	34.04	11.51	35.08	266	264	P	V
	*	5290	93.94	-	-	83.47	34.04	11.51	35.08	266	264	A	V
		5362.56	51.6	-22.4	74	40.67	34.25	11.76	35.08	266	264	P	V
		5350.8	47.99	-6.01	54	37.1	34.21	11.76	35.08	266	264	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. 1+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	44.57	-29.43	74	47.3	39.08	17.17	58.98	100	0	P	H
		15870	47.26	-26.74	74	42.65	41.76	19.82	56.97	100	0	P	H
													H
													H
		10580	45.17	-28.83	74	47.9	39.08	17.17	58.98	100	0	P	V
		15870	47.25	-26.75	74	42.64	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 802.11n 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		5433.2	51.22	-22.78	74	39.99	34.43	11.89	35.09	100	18	P	H
		5469.84	44.54	-9.46	54	33.23	34.51	11.89	35.09	100	18	A	H
	*	5500	107.66	-	-	96.26	34.6	11.89	35.09	100	18	P	H
	*	5500	99.9	-	-	88.5	34.6	11.89	35.09	100	18	A	H
													H
													H
		5465.84	50.81	-23.19	74	39.5	34.51	11.89	35.09	307	275	P	V
		5467.6	43.62	-10.38	54	32.31	34.51	11.89	35.09	307	275	A	V
	*	5500	107.19	-	-	95.79	34.6	11.89	35.09	307	275	P	V
	*	5500	99.1	-	-	87.7	34.6	11.89	35.09	307	275	A	V
													V
													V
802.11n HT20 CH 116 5580MHz		5446	48.76	-25.24	74	37.49	34.47	11.89	35.09	100	27	P	H
		5421.04	42.08	-11.92	54	30.9	34.38	11.89	35.09	100	27	A	H
	*	5580	106.77	-	-	95.39	34.6	11.89	35.11	100	27	P	H
	*	5580	98.81	-	-	87.43	34.6	11.89	35.11	100	27	A	H
		5725.45	49.02	-24.98	74	37.5	34.6	12.06	35.14	100	27	P	H
		5730.175	41.99	-12.01	54	30.47	34.6	12.06	35.14	100	27	A	H
		5459.92	49.74	-24.26	74	38.47	34.47	11.89	35.09	283	221	P	V
		5423.2	41.62	-12.38	54	30.44	34.38	11.89	35.09	283	221	A	V
	*	5580	105.98	-	-	94.6	34.6	11.89	35.11	283	221	P	V
	*	5580	97.93	-	-	86.55	34.6	11.89	35.11	283	221	A	V
		5755.375	49.27	-24.73	74	37.71	34.6	12.11	35.15	283	221	P	V
		5737.875	41.77	-12.23	54	30.26	34.6	12.06	35.15	283	221	A	V



WIFI Ant. 1+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	106.9	-	-	95.44	34.6	12	35.14	100	342	P	H
	*	5700	99.65	-	-	88.19	34.6	12	35.14	100	342	A	H
		5731.72	52.59	-21.41	74	41.08	34.6	12.06	35.15	100	342	P	H
		5725.4	45.27	-8.73	54	33.75	34.6	12.06	35.14	100	342	A	H
													H
													H
	*	5700	105.99	-	-	94.53	34.6	12	35.14	273	279	P	V
	*	5700	98.74	-	-	87.28	34.6	12	35.14	273	279	A	V
		5739.88	53.8	-20.2	74	42.29	34.6	12.06	35.15	273	279	P	V
		5725.56	44.44	-9.56	54	32.92	34.6	12.06	35.14	273	279	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 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+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	43.18	-30.82	74	45.91	38.5	17.17	58.4	100	0	P	H
		16500	50.3	-23.7	74	43.17	43	20.23	56.1	100	0	P	H
													H
													H
		10975	44.48	-29.52	74	47.21	38.52	17.17	58.42	100	0	P	V
		16500	49.74	-24.26	74	42.61	43	20.23	56.1	100	0	P	V
													V
													V
802.11n HT20 CH 116 5580MHz		11160	44.92	-29.08	74	47.02	38.77	17.16	58.03	100	0	P	H
		16740	48.93	-25.07	74	41.6	42.9	20.39	55.96	100	0	P	H
													H
													H
		11160	44.62	-29.38	74	46.72	38.77	17.16	58.03	100	0	P	V
		16740	49.51	-24.49	74	42.18	42.9	20.39	55.96	100	0	P	V
													V
													V
802.11n HT20 CH 140 5700MHz		11400	44.79	-29.21	74	46.01	39.14	17.16	57.52	100	0	P	H
		17100	50.81	-23.19	74	43.36	42.64	20.65	55.84	100	0	P	H
													H
													H
		11400	44.44	-29.56	74	45.66	39.14	17.16	57.52	100	0	P	V
		17100	50.04	-23.96	74	42.59	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. 1+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		5469.52	54.47	-19.53	74	43.16	34.51	11.89	35.09	102	18	P	H
		5470	45.96	-8.04	54	34.65	34.51	11.89	35.09	102	18	A	H
	*	5510	104.91	-	-	93.52	34.6	11.89	35.1	102	18	P	H
	*	5510	97.36	-	-	85.97	34.6	11.89	35.1	102	18	A	H
		5746.8	50.91	-23.09	74	39.35	34.6	12.11	35.15	102	18	P	H
		5760.275	42.24	-11.76	54	30.69	34.6	12.11	35.16	102	18	A	H
		5469.52	51.63	-22.37	74	40.32	34.51	11.89	35.09	276	268	P	V
		5470	46.2	-7.8	54	34.89	34.51	11.89	35.09	276	268	A	V
	*	5510	104.47	-	-	93.08	34.6	11.89	35.1	276	268	P	V
	*	5510	97.03	-	-	85.64	34.6	11.89	35.1	276	268	A	V
		5760.8	50.79	-23.21	74	39.24	34.6	12.11	35.16	276	268	P	V
		5759.75	42.06	-11.94	54	30.51	34.6	12.11	35.16	276	268	A	V
802.11n HT40 CH 110 5550MHz		5467.84	50.56	-23.44	74	39.25	34.51	11.89	35.09	100	27	P	H
		5462.32	42.75	-11.25	54	31.48	34.47	11.89	35.09	100	27	A	H
	*	5550	103.51	-	-	92.12	34.6	11.89	35.1	100	27	P	H
	*	5550	95.58	-	-	84.19	34.6	11.89	35.1	100	27	A	H
		5730	49.07	-24.93	74	37.55	34.6	12.06	35.14	100	27	P	H
		5728.6	41.82	-12.18	54	30.3	34.6	12.06	35.14	100	27	A	H
		5466.64	50.84	-23.16	74	39.53	34.51	11.89	35.09	286	221	P	V
		5469.04	42.42	-11.58	54	31.11	34.51	11.89	35.09	286	221	A	V
	*	5550	103.44	-	-	92.05	34.6	11.89	35.1	286	221	P	V
	*	5550	95.78	-	-	84.39	34.6	11.89	35.1	286	221	A	V
		5745.225	48.85	-25.15	74	37.29	34.6	12.11	35.15	286	221	P	V
		5740.5	41.73	-12.27	54	30.17	34.6	12.11	35.15	286	221	A	V



WIFI Ant. 1+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		5430.4	48.81	-25.19	74	37.58	34.43	11.89	35.09	100	42	P	H
		5469.52	41.74	-12.26	54	30.43	34.51	11.89	35.09	100	42	A	H
	*	5670	104.42	-	-	92.95	34.6	12	35.13	100	42	P	H
	*	5670	96.17	-	-	84.7	34.6	12	35.13	100	42	A	H
		5731.575	50.8	-23.2	74	39.29	34.6	12.06	35.15	100	42	P	H
		5737.875	43.29	-10.71	54	31.78	34.6	12.06	35.15	100	42	A	H
		5445.76	49.08	-24.92	74	37.81	34.47	11.89	35.09	265	263	P	V
		5465.92	41.5	-12.5	54	30.19	34.51	11.89	35.09	265	263	A	V
	*	5670	103.82	-	-	92.35	34.6	12	35.13	265	263	P	V
	*	5670	96.12	-	-	84.65	34.6	12	35.13	265	263	A	V
		5755.725	50.9	-23.1	74	39.34	34.6	12.11	35.15	265	263	P	V
		5726.15	42.57	-11.43	54	31.05	34.6	12.06	35.14	265	263	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. 1+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	45.01	-28.99	74	47.67	38.53	17.17	58.36	100	0	P	H
		16530	49.24	-24.76	74	42.08	42.99	20.25	56.08	100	0	P	H
													H
													H
		11020	47.4	-26.6	74	50.06	38.53	17.17	58.36	100	0	P	V
		16530	48.37	-25.63	74	41.21	42.99	20.25	56.08	100	0	P	V
													V
													V
802.11n HT40 CH 110 5550MHz		11100	44.19	-29.81	74	46.55	38.66	17.16	58.18	100	0	P	H
		16650	50.29	-23.71	74	43.02	42.94	20.34	56.01	100	0	P	H
													H
													H
		11100	44.64	-29.36	74	47	38.66	17.16	58.18	100	0	P	V
		16650	50.48	-23.52	74	43.21	42.94	20.34	56.01	100	0	P	V
													V
													V
802.11n HT40 CH 134 5670MHz		11340	43.44	-30.56	74	44.92	39.03	17.16	57.67	100	0	P	H
		17010	50.12	-23.88	74	42.57	42.77	20.59	55.81	100	0	P	H
													H
													H
		11340	44.01	-29.99	74	45.49	39.03	17.16	57.67	100	0	P	V
		17010	49.67	-24.33	74	42.12	42.77	20.59	55.81	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 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+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		5467.12	57.46	-16.54	74	46.15	34.51	11.89	35.09	110	26	P	H
		5467.6	50.43	-3.57	54	39.12	34.51	11.89	35.09	110	26	A	H
	*	5530	100.65	-	-	89.26	34.6	11.89	35.1	110	26	P	H
	*	5530	93.75	-	-	82.36	34.6	11.89	35.1	110	26	A	H
		5730.35	49.25	-24.75	74	37.74	34.6	12.06	35.15	110	26	P	H
		5728.075	43.27	-10.73	54	31.75	34.6	12.06	35.14	110	26	A	H
		5470	59.22	-14.78	74	47.91	34.51	11.89	35.09	286	221	P	V
		5465.92	50.56	-3.44	54	39.25	34.51	11.89	35.09	286	221	A	V
	*	5530	100.54	-	-	89.15	34.6	11.89	35.1	286	221	P	V
	*	5530	93.62	-	-	82.23	34.6	11.89	35.1	286	221	A	V
		5725.8	49.16	-24.84	74	37.64	34.6	12.06	35.14	286	221	P	V
		5754.675	43.16	-10.84	54	31.6	34.6	12.11	35.15	286	221	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. 1+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	45.25	-28.75	74	47.73	38.61	17.16	58.25	100	0	P	H
		16590	49.9	-24.1	74	42.67	42.97	20.31	56.05	100	0	P	H
													H
													H
		11060	44.08	-29.92	74	46.56	38.61	17.16	58.25	100	0	P	V
		16590	49.69	-24.31	74	42.46	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 802.11n HT20 (Band Edge @ 3m)

WIFI Ant. 1+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	106.39	-	-	94.87	34.6	12.06	35.14	100	341	P	H
	*	5720	98.97	-	-	87.45	34.6	12.06	35.14	100	341	A	H
													H
													H
													H
													H
	*	5720	105.91	-	-	94.39	34.6	12.06	35.14	270	279	P	V
	*	5720	98.7	-	-	87.18	34.6	12.06	35.14	270	279	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 802.11n HT20 (Harmonic @ 3m)

WIFI Ant. 1+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	45.04	-28.96	74	46.14	39.19	17.16	57.45	100	0	P	H
		17160	59.1	-14.9	74	51.74	42.53	20.7	55.87	100	349	P	H
		17160	48.67	-5.33	54	41.31	42.53	20.7	55.87	100	349	A	H
													H
		11440	44.58	-29.42	74	45.68	39.19	17.16	57.45	100	0	P	V
		17160	50.77	-23.23	74	43.41	42.53	20.7	55.87	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 802.11n HT40 (Band Edge @ 3m)

WIFI Ant. 1+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	103.44	-	-	91.92	34.6	12.06	35.14	100	28	P	H
	*	5710	95.36	-	-	83.84	34.6	12.06	35.14	100	28	A	H
													H
													H
													H
													H
	*	5710	103.17	-	-	91.65	34.6	12.06	35.14	245	293	P	V
	*	5710	94.91	-	-	83.39	34.6	12.06	35.14	245	293	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 802.11n HT40 (Harmonic @ 3m)

WIFI Ant. 1+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	44.26	-29.74	74	45.41	39.17	17.16	57.48	100	0	P	H
		17130	50.25	-23.75	74	42.84	42.59	20.67	55.85	100	0	P	H
													H
													H
		11420	44.48	-29.52	74	45.63	39.17	17.16	57.48	100	0	P	V
		17130	49.81	-24.19	74	42.4	42.59	20.67	55.85	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 802.11ac VHT80 (Band Edge @ 3m)

WIFI Ant. 1+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	101.91	-	-	90.45	34.6	12	35.14	100	341	P	H
	*	5690	95.12	-	-	83.66	34.6	12	35.14	100	341	A	H
													H
													H
													H
													H
	*	5690	100.84	-	-	89.38	34.6	12	35.14	276	287	P	V
	*	5690	93.82	-	-	82.36	34.6	12	35.14	276	287	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. 1+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	43.81	-30.19	74	45.1	39.11	17.16	57.56	100	0	P	H
		17070	49.42	-24.58	74	41.91	42.69	20.65	55.83	100	0	P	H
													H
													H
		11380	44.25	-29.75	74	45.54	39.11	17.16	57.56	100	0	P	V
		17070	49.06	-24.94	74	41.55	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 802.11ac VHT80 (LF @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT80 LF		30.54	28.07	-11.93	40	32.9	25.46	1.07	31.36	100	0	P	H
		49.17	23.84	-16.16	40	38.85	15.52	1.07	31.6	-	-	P	H
		174.45	28.54	-14.96	43.5	42.52	15.73	1.78	31.49	-	-	P	H
		332.9	26.77	-19.23	46	34.88	20.72	2.41	31.24	-	-	P	H
		644.4	29.23	-16.77	46	30.6	25.84	3.57	30.78	-	-	P	H
		958.7	33.02	-12.98	46	29.26	30.22	4.07	30.53	-	-	P	H
													H
													H
													H
													H
													H
													H
		35.13	35.65	-4.35	40	42.69	23.3	1.07	31.41	100	70	P	V
		63.48	26.68	-13.32	40	44.7	12.28	1.28	31.58	-	-	P	V
		165	24.27	-19.23	43.5	37.48	16.5	1.78	31.49	-	-	P	V
		423.2	24.89	-21.11	46	30.42	22.72	2.89	31.14	-	-	P	V
		617.8	28.73	-17.27	46	30.59	25.58	3.36	30.8	-	-	P	V
		942.6	33.17	-12.83	46	29.59	30.04	4.07	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.	
1+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”.