



<CDD Modes>

Band 1 - 5150~5250MHz

WIFI 802.11a (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)
802.11a CH 36 5180MHz		5150	63.7	-10.3	74	51.79	31.65	11.21	30.95	132	83	P	H
		5150	52.85	-1.15	54	40.94	31.65	11.21	30.95	132	83	A	H
	*	5180	112.88	-	-	100.94	31.68	11.21	30.95	132	83	P	H
	*	5180	103.8	-	-	91.86	31.68	11.21	30.95	132	83	A	H
													H
													H
		5149.76	60.33	-13.67	74	48.42	31.65	11.21	30.95	400	93	P	V
		5149.5	49.5	-4.5	54	37.59	31.65	11.21	30.95	400	93	A	V
	*	5180	108.96	-	-	97.02	31.68	11.21	30.95	400	93	P	V
	*	5180	100.34	-	-	88.4	31.68	11.21	30.95	400	93	A	V
													V
													V
802.11a CH 44 5220MHz		5062.4	58.94	-15.06	74	47.05	31.57	11.27	30.95	135	82	P	H
		5150	48.16	-5.84	54	36.25	31.65	11.21	30.95	135	82	A	H
	*	5222	113.29	-	-	101.26	31.72	11.26	30.95	135	82	P	H
	*	5222	104.28	-	-	92.25	31.72	11.26	30.95	135	82	A	H
		5418	59.55	-14.45	74	46.98	31.92	11.6	30.95	135	82	P	H
		5431.92	48.94	-5.06	54	36.32	31.93	11.64	30.95	135	82	A	H
		5113.62	59.55	-14.45	74	47.64	31.62	11.24	30.95	297	86	P	V
		5149.76	47.66	-6.34	54	35.75	31.65	11.21	30.95	297	86	A	V
	*	5222	111.77	-	-	99.74	31.72	11.26	30.95	297	86	P	V
	*	5222	102.39	-	-	90.36	31.72	11.26	30.95	297	86	A	V
		5375.28	59.16	-14.84	74	46.72	31.87	11.52	30.95	297	86	P	V
		5430.72	48.48	-5.52	54	35.86	31.93	11.64	30.95	297	86	A	V



802.11a CH 48 5240MHz		5094.9	58.62	-15.38	74	46.7	31.6	11.27	30.95	121	83	P	H
		5089.96	47.67	-6.33	54	35.75	31.6	11.27	30.95	121	83	A	H
	*	5242	113.55	-	-	101.49	31.75	11.26	30.95	121	83	P	H
	*	5242	104.37	-	-	92.31	31.75	11.26	30.95	121	83	A	H
		5393.52	61.47	-12.53	74	48.94	31.88	11.6	30.95	121	83	P	H
		5452.32	49.11	-4.89	54	36.47	31.95	11.64	30.95	121	83	A	H
		5097.5	58.25	-15.75	74	46.33	31.6	11.27	30.95	295	88	P	V
		5137.02	47.48	-6.52	54	35.56	31.63	11.24	30.95	295	88	A	V
	*	5238	111.36	-	-	99.32	31.73	11.26	30.95	295	88	P	V
	*	5238	102.51	-	-	90.47	31.73	11.26	30.95	295	88	A	V
		5367.12	60	-14	74	47.56	31.87	11.52	30.95	295	88	P	V
		5450.88	48.4	-5.6	54	35.76	31.95	11.64	30.95	295	88	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. 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)
802.11a CH 36 5180MHz		10360	43.03	-30.97	74	43.78	39.59	17.13	57.47	100	0	P	H
		15540	44.64	-29.36	74	43.3	38.26	21.61	58.53	100	0	P	H
													H
													H
		10360	47.24	-26.76	74	47.99	39.59	17.13	57.47	100	0	P	V
		15540	45	-29	74	43.66	38.26	21.61	58.53	100	0	P	V
													V
													V
802.11a CH 44 5220MHz		10440	47.3	-26.7	74	47.72	39.69	17.22	57.33	100	0	P	H
		15600	45.58	-28.42	74	44.12	38.18	21.67	58.39	100	0	P	H
													H
													H
		10440	47.01	-26.99	74	47.43	39.69	17.22	57.33	100	0	P	V
		15600	44.83	-29.17	74	43.37	38.18	21.67	58.39	100	0	P	V
													V
													V
802.11a CH 48 5240MHz		10480	47.94	-26.06	74	48.13	39.77	17.27	57.23	100	0	P	H
		15720	53.53	-20.47	74	51.89	38.03	21.76	58.15	118	275	P	H
		15720	43.13	-10.87	54	41.49	38.03	21.76	58.15	118	275	A	H
													H
		10480	50.36	-23.64	74	50.55	39.77	17.27	57.23	101	3	P	V
		10480	39	-15	54	39.19	39.77	17.27	57.23	101	3	A	V
		15720	59.12	-14.88	74	57.48	38.03	21.76	58.15	121	257	P	V
		15720	49.52	-4.48	54	47.88	38.03	21.76	58.15	121	257	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 VHT20 (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 VHT20 CH 36 5180MHz		5147.16	63.27	-10.73	74	51.36	31.65	11.21	30.95	100	86	P	H
		5150	52.73	-1.27	54	40.82	31.65	11.21	30.95	100	86	A	H
	*	5180	111.27	-	-	99.33	31.68	11.21	30.95	100	86	P	H
	*	5180	102.28	-	-	90.34	31.68	11.21	30.95	100	86	A	H
													H
													H
		5144.82	61.05	-12.95	74	49.14	31.65	11.21	30.95	400	96	P	V
		5149.24	50.13	-3.87	54	38.22	31.65	11.21	30.95	400	96	A	V
	*	5180	108.4	-	-	96.46	31.68	11.21	30.95	400	96	P	V
	*	5180	99.41	-	-	87.47	31.68	11.21	30.95	400	96	A	V
													V
													V
802.11ac VHT20 CH 44 5220MHz		5087.88	60.02	-13.98	74	48.12	31.58	11.27	30.95	102	95	P	H
		5149.76	48.2	-5.8	54	36.29	31.65	11.21	30.95	102	95	A	H
	*	5218	112.3	-	-	100.35	31.72	11.18	30.95	102	95	P	H
	*	5218	103.82	-	-	91.87	31.72	11.18	30.95	102	95	A	H
		5397.12	59.44	-14.56	74	46.89	31.9	11.6	30.95	102	95	P	H
		5430.56	49.08	-4.92	54	36.46	31.93	11.64	30.95	102	95	A	H
		5072.28	58.53	-15.47	74	46.63	31.58	11.27	30.95	392	97	P	V
		5147.16	47.52	-6.48	54	35.61	31.65	11.21	30.95	392	97	A	V
	*	5222	109.98	-	-	97.95	31.72	11.26	30.95	392	97	P	V
	*	5222	101.5	-	-	89.47	31.72	11.26	30.95	392	97	A	V
		5438.24	59.38	-14.62	74	46.76	31.93	11.64	30.95	392	97	P	V
		5437.12	48.26	-5.74	54	35.64	31.93	11.64	30.95	392	97	A	V



802.11ac VHT20 CH 48 5240MHz		5122.2	59.05	-14.95	74	47.14	31.62	11.24	30.95	100	96	P	H
		5141.7	47.78	-6.22	54	35.87	31.65	11.21	30.95	100	96	A	H
	*	5238	111.89	-	-	99.85	31.73	11.26	30.95	100	96	P	H
	*	5238	103.93	-	-	91.89	31.73	11.26	30.95	100	96	A	H
		5438.16	60.13	-13.87	74	47.51	31.93	11.64	30.95	100	96	P	H
		5453.28	48.85	-5.15	54	36.21	31.95	11.64	30.95	100	96	A	H
		5120.64	59.55	-14.45	74	47.64	31.62	11.24	30.95	389	99	P	V
		5133.12	47.61	-6.39	54	35.69	31.63	11.24	30.95	389	99	A	V
	*	5242	109.93	-	-	97.87	31.75	11.26	30.95	389	99	P	V
	*	5242	101.15	-	-	89.09	31.75	11.26	30.95	389	99	A	V
		5379.12	59.49	-14.51	74	47.04	31.88	11.52	30.95	389	99	P	V
		5379.84	48.22	-5.78	54	35.77	31.88	11.52	30.95	389	99	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 VHT20 (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 VHT20 CH 36 5180MHz		10360	49.57	-24.43	74	50.32	39.59	17.13	57.47	100	0	P	H
		15540	44.6	-29.4	74	43.26	38.26	21.61	58.53	100	0	P	H
													H
													H
		10360	49.1	-24.9	74	49.85	39.59	17.13	57.47	100	0	P	V
		15540	44.85	-29.15	74	43.51	38.26	21.61	58.53	100	0	P	V
													V
													V
802.11ac VHT20 CH 44 5220MHz		10440	49	-25	74	49.42	39.69	17.22	57.33	100	0	P	H
		15660	44.26	-29.74	74	42.74	38.11	21.7	58.29	100	0	P	H
													H
													H
		10440	50.32	-23.68	74	50.74	39.69	17.22	57.33	101	358	P	V
		10440	39.14	-14.86	54	39.56	39.69	17.22	57.33	101	358	A	V
		15660	44.11	-29.89	74	42.59	38.11	21.7	58.29	100	0	P	V
													V
802.11ac VHT20 CH 48 5240MHz		10480	47.8	-26.2	74	47.99	39.77	17.27	57.23	100	0	P	H
		15720	46.14	-27.86	74	44.5	38.03	21.76	58.15	100	0	P	H
													H
													H
		10480	50.99	-23.01	74	51.18	39.77	17.27	57.23	100	0	P	V
		15720	45.16	-28.84	74	43.52	38.03	21.76	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.												



Band 1 5150~5250MHz

WIFI 802.11ac VHT40 (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 VHT40 CH 38 5190MHz		5150	62.74	-11.26	74	50.83	31.65	11.21	30.95	100	87	P	H
		5147.68	52.71	-1.29	54	40.8	31.65	11.21	30.95	100	87	A	H
	*	5190	104	-	-	92.09	31.68	11.18	30.95	100	87	P	H
	*	5190	94.05	-	-	82.14	31.68	11.18	30.95	100	87	A	H
		5449.2	59.61	-14.39	74	46.97	31.95	11.64	30.95	100	87	P	H
		5458.8	48.8	-5.2	54	36.16	31.95	11.64	30.95	100	87	A	H
		5146.9	60.05	-13.95	74	48.14	31.65	11.21	30.95	400	103	P	V
		5149.5	51.2	-2.8	54	39.29	31.65	11.21	30.95	400	103	A	V
	*	5190	104.68	-	-	92.77	31.68	11.18	30.95	400	103	P	V
	*	5190	95.02	-	-	83.11	31.68	11.18	30.95	400	103	A	V
		5457.36	60.23	-13.77	74	47.59	31.95	11.64	30.95	400	103	P	V
		5381.52	48.97	-5.03	54	36.44	31.88	11.6	30.95	400	103	A	V
802.11ac VHT40 CH 46 5230MHz		5147.94	61.85	-12.15	74	49.94	31.65	11.21	30.95	100	95	P	H
		5147.94	51.91	-2.09	54	40	31.65	11.21	30.95	100	95	A	H
	*	5232	108.82	-	-	96.78	31.73	11.26	30.95	100	95	P	H
	*	5232	100.31	-	-	88.27	31.73	11.26	30.95	100	95	A	H
		5392.8	59.68	-14.32	74	47.15	31.88	11.6	30.95	100	95	P	H
		5360.4	49.57	-4.43	54	37.15	31.85	11.52	30.95	100	95	A	H
		5140.14	59.3	-14.7	74	47.39	31.65	11.21	30.95	390	97	P	V
		5149.24	49.44	-4.56	54	37.53	31.65	11.21	30.95	390	97	A	V
	*	5228	106.22	-	-	94.18	31.73	11.26	30.95	390	97	P	V
	*	5228	97.81	-	-	85.77	31.73	11.26	30.95	390	97	A	V
		5365.2	59.31	-14.69	74	46.87	31.87	11.52	30.95	390	97	P	V
		5358	49.14	-4.86	54	36.72	31.85	11.52	30.95	390	97	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 VHT40 (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 VHT40 CH 38 5190MHz		10380	46.03	-27.97	74	46.72	39.61	17.13	57.43	100	0	P	H
		15570	45.29	-28.71	74	43.89	38.22	21.64	58.46	100	0	P	H
													H
													H
		10380	46.75	-27.25	74	47.44	39.61	17.13	57.43	100	0	P	V
		15570	44.58	-29.42	74	43.18	38.22	21.64	58.46	100	0	P	V
													V
													V
802.11ac VHT40 CH 46 5230MHz		10460	46.25	-27.75	74	46.61	39.72	17.22	57.3	100	0	P	H
		15690	44.99	-29.01	74	43.41	38.07	21.73	58.22	100	0	P	H
													H
													H
		10460	47.96	-26.04	74	48.32	39.72	17.22	57.3	100	0	P	V
		15690	44.9	-29.1	74	43.32	38.07	21.73	58.22	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		5144.82	62.43	-11.57	74	50.52	31.65	11.21	30.95	100	88	P	H
		5142.74	52.9	-1.1	54	40.99	31.65	11.21	30.95	100	88	A	H
	*	5208	101.08	-	-	89.13	31.72	11.18	30.95	100	88	P	H
	*	5208	91.92	-	-	79.97	31.72	11.18	30.95	100	88	A	H
		5441.76	59.73	-14.27	74	47.11	31.93	11.64	30.95	100	88	P	H
		5444.16	48.92	-5.08	54	36.3	31.93	11.64	30.95	100	88	A	H
		5146.9	60.62	-13.38	74	48.71	31.65	11.21	30.95	375	100	P	V
		5146.9	50.05	-3.95	54	38.14	31.65	11.21	30.95	375	100	A	V
	*	5212	100.11	-	-	88.16	31.72	11.18	30.95	375	100	P	V
	*	5212	90.8	-	-	78.85	31.72	11.18	30.95	375	100	A	V
		5382.24	60.06	-13.94	74	47.53	31.88	11.6	30.95	375	100	P	V
		5352.72	48.96	-5.04	54	36.54	31.85	11.52	30.95	375	100	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	46.76	-27.24	74	47.28	39.67	17.18	57.37	100	0	P	H
		15630	43.83	-30.17	74	42.32	38.13	21.7	58.32	100	0	P	H
													H
													H
		10420	46.59	-27.41	74	47.11	39.67	17.18	57.37	100	0	P	V
		15630	43.61	-30.39	74	42.1	38.13	21.7	58.32	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.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 52 5260MHz		5134.42	58.51	-15.49	74	46.59	31.63	11.24	30.95	122	95	P	H
		5074.62	47.58	-6.42	54	35.68	31.58	11.27	30.95	122	95	A	H
	*	5262	112.71	-	-	100.54	31.77	11.35	30.95	122	95	P	H
	*	5262	103.7	-	-	91.53	31.77	11.35	30.95	122	95	A	H
		5355.36	59.92	-14.08	74	47.5	31.85	11.52	30.95	122	95	P	H
		5351.68	48.45	-5.55	54	36.03	31.85	11.52	30.95	122	95	A	H
		5047.06	58.85	-15.15	74	46.94	31.55	11.31	30.95	310	87	P	V
		5114.4	47.67	-6.33	54	35.76	31.62	11.24	30.95	310	87	A	V
	*	5262	112.62	-	-	100.45	31.77	11.35	30.95	310	87	P	V
	*	5262	103.42	-	-	91.25	31.77	11.35	30.95	310	87	A	V
		5437.76	61.1	-12.9	74	48.48	31.93	11.64	30.95	310	87	P	V
		5386.4	48.4	-5.6	54	35.87	31.88	11.6	30.95	310	87	A	V
802.11a CH 60 5300MHz		5035.88	58.76	-15.24	74	46.87	31.53	11.31	30.95	127	82	P	H
		5146.12	47.7	-6.3	54	35.79	31.65	11.21	30.95	127	82	A	H
	*	5302	113.41	-	-	101.13	31.8	11.43	30.95	127	82	P	H
	*	5302	104.37	-	-	92.09	31.8	11.43	30.95	127	82	A	H
		5350.08	61.03	-12.97	74	48.61	31.85	11.52	30.95	127	82	P	H
		5353.28	50.32	-3.68	54	37.9	31.85	11.52	30.95	127	82	A	H
		5011.7	58.81	-15.19	74	46.9	31.52	11.34	30.95	362	96	P	V
		5107.9	47.63	-6.37	54	35.72	31.62	11.24	30.95	362	96	A	V
	*	5298	112.83	-	-	100.63	31.8	11.35	30.95	362	96	P	V
	*	5298	103.77	-	-	91.57	31.8	11.35	30.95	362	96	A	V
		5359.2	59.96	-14.04	74	47.54	31.85	11.52	30.95	362	96	P	V
		5350.24	49.56	-4.44	54	37.14	31.85	11.52	30.95	362	96	A	V



802.11a CH 64 5320MHz	*	5320	113.04	-	-	100.74	31.82	11.43	30.95	120	85	P	H
	*	5320	102.94	-	-	90.64	31.82	11.43	30.95	120	85	A	H
		5351.36	63.46	-10.54	74	51.04	31.85	11.52	30.95	120	85	P	H
		5350.08	52.6	-1.4	54	40.18	31.85	11.52	30.95	120	85	A	H
													H
													H
	*	5320	109.78	-	-	97.48	31.82	11.43	30.95	304	96	P	V
	*	5320	100	-	-	87.7	31.82	11.43	30.95	304	96	A	V
		5351.84	62.37	-11.63	74	49.95	31.85	11.52	30.95	304	96	P	V
		5351.68	50.13	-3.87	54	37.71	31.85	11.52	30.95	304	96	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 802.11a (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)
802.11a CH 52 5260MHz		10520	47.05	-26.95	74	47.12	39.82	17.31	57.2	100	0	P	H
		15790	52	-22	74	50.24	37.95	21.82	58.01	265	324	P	H
		15790	40.25	-13.75	54	38.49	37.95	21.82	58.01	265	324	A	H
													H
		10520	48.49	-25.51	74	48.56	39.82	17.31	57.2	100	0	P	V
		15790	54.94	-19.06	74	53.18	37.95	21.82	58.01	111	261	P	V
		15790	44.14	-9.86	54	42.38	37.95	21.82	58.01	111	261	A	V
													V
802.11a CH 60 5300MHz		10600	47.48	-26.52	74	47.34	39.92	17.4	57.18	100	0	P	H
		15900	44.95	-29.05	74	43.06	37.82	21.88	57.81	100	0	P	H
													H
													H
		10600	47.25	-26.75	74	47.11	39.92	17.4	57.18	100	0	P	V
		15900	45.59	-28.41	74	43.7	37.82	21.88	57.81	100	0	P	V
													V
													V
802.11a CH 64 5320MHz		10640	46.83	-27.17	74	46.58	39.97	17.45	57.17	100	0	P	H
		15960	43.12	-30.88	74	41.11	37.74	21.94	57.67	100	0	P	H
													H
													H
		10640	48.47	-25.53	74	48.22	39.97	17.45	57.17	100	0	P	V
		15960	42.46	-31.54	74	40.45	37.74	21.94	57.67	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 VHT20 (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 VHT20 CH 52 5260MHz		5057.98	59.45	-14.55	74	47.52	31.57	11.31	30.95	125	97	P	H
		5144.04	47.55	-6.45	54	35.64	31.65	11.21	30.95	125	97	A	H
	*	5262	111.35	-	-	99.18	31.77	11.35	30.95	125	97	P	H
	*	5262	103.74	-	-	91.57	31.77	11.35	30.95	125	97	A	H
		5454.08	59.95	-14.05	74	47.31	31.95	11.64	30.95	125	97	P	H
		5389.76	48.52	-5.48	54	35.99	31.88	11.6	30.95	125	97	A	H
		5076.44	58.55	-15.45	74	46.65	31.58	11.27	30.95	386	103	P	V
		5149.5	47.63	-6.37	54	35.72	31.65	11.21	30.95	386	103	A	V
	*	5262	109.51	-	-	97.34	31.77	11.35	30.95	386	103	P	V
	*	5262	101.67	-	-	89.5	31.77	11.35	30.95	386	103	A	V
		5362.88	59.94	-14.06	74	47.5	31.87	11.52	30.95	386	103	P	V
		5414.72	48.26	-5.74	54	35.69	31.92	11.6	30.95	386	103	A	V
802.11ac VHT20 CH 60 5300MHz		5120.9	58.79	-15.21	74	46.88	31.62	11.24	30.95	126	96	P	H
		5138.32	47.5	-6.5	54	35.58	31.63	11.24	30.95	126	96	A	H
	*	5302	112.59	-	-	100.31	31.8	11.43	30.95	126	96	P	H
	*	5302	103.5	-	-	91.22	31.8	11.43	30.95	126	96	A	H
		5362.72	60.98	-13.02	74	48.54	31.87	11.52	30.95	126	96	P	H
		5350.56	50.88	-3.12	54	38.46	31.85	11.52	30.95	126	96	A	H
		5035.88	58.36	-15.64	74	46.47	31.53	11.31	30.95	400	101	P	V
		5140.4	47.46	-6.54	54	35.55	31.65	11.21	30.95	400	101	A	V
	*	5302	110.08	-	-	97.8	31.8	11.43	30.95	400	101	P	V
	*	5302	100.84	-	-	88.56	31.8	11.43	30.95	400	101	A	V
		5445.6	60.67	-13.33	74	48.03	31.95	11.64	30.95	400	101	P	V
		5351.36	49.6	-4.4	54	37.18	31.85	11.52	30.95	400	101	A	V



802.11ac VHT20 CH 64 5320MHz	*	5320	111.94	-	-	99.64	31.82	11.43	30.95	100	86	P	H
	*	5320	102.19	-	-	89.89	31.82	11.43	30.95	100	86	A	H
		5350.24	64.02	-9.98	74	51.6	31.85	11.52	30.95	100	86	P	H
		5350.08	52.95	-1.05	54	40.53	31.85	11.52	30.95	100	86	P	H
													H
													H
	*	5320	108.75	-	-	96.45	31.82	11.43	30.95	321	105	P	V
	*	5320	99.56	-	-	87.26	31.82	11.43	30.95	321	105	A	V
		5351.36	61.84	-12.16	74	49.42	31.85	11.52	30.95	321	105	P	V
		5350.08	51.08	-2.92	54	38.66	31.85	11.52	30.95	321	105	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 802.11ac VHT20 (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 VHT20 CH 52 5260MHz		10520	48.25	-25.75	74	48.32	39.82	17.31	57.2	100	0	P	H
		15780	43.7	-30.3	74	41.99	37.97	21.79	58.05	100	0	P	H
													H
													H
		10520	50.28	-23.72	74	50.35	39.82	17.31	57.2	100	0	P	V
		15780	43.54	-30.46	74	41.83	37.97	21.79	58.05	100	0	P	V
													V
													V
802.11ac VHT20 CH 60 5300MHz		10600	47.66	-26.34	74	47.52	39.92	17.4	57.18	100	0	P	H
		15900	44.78	-29.22	74	42.89	37.82	21.88	57.81	100	0	P	H
													H
													H
		10600	49.14	-24.86	74	49	39.92	17.4	57.18	100	0	P	V
		15900	44.97	-29.03	74	43.08	37.82	21.88	57.81	100	0	P	V
													V
													V
802.11ac VHT20 CH 64 5320MHz		10640	47.8	-26.2	74	47.55	39.97	17.45	57.17	100	0	P	H
		15960	43.25	-30.75	74	41.24	37.74	21.94	57.67	100	0	P	H
													H
													H
		10640	47.07	-26.93	74	46.82	39.97	17.45	57.17	100	0	P	V
		15960	43.64	-30.36	74	41.63	37.74	21.94	57.67	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 VHT40 (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 VHT40 CH 54 5270MHz		5125.58	59.59	-14.41	74	47.67	31.63	11.24	30.95	108	96	P	H
		5143	48.7	-5.3	54	36.79	31.65	11.21	30.95	108	96	A	H
	*	5272	108.23	-	-	96.06	31.77	11.35	30.95	108	96	P	H
	*	5272	100.18	-	-	88.01	31.77	11.35	30.95	108	96	A	H
		5358.4	63.34	-10.66	74	50.92	31.85	11.52	30.95	108	96	P	H
		5350.08	52.26	-1.74	54	39.84	31.85	11.52	30.95	108	96	A	H
		5134.94	59.34	-14.66	74	47.42	31.63	11.24	30.95	385	97	P	V
		5147.42	48.49	-5.51	54	36.58	31.65	11.21	30.95	385	97	A	V
	*	5272	106.82	-	-	94.65	31.77	11.35	30.95	385	97	P	V
	*	5272	98.38	-	-	86.21	31.77	11.35	30.95	385	97	A	V
		5406.88	60.89	-13.11	74	48.34	31.9	11.6	30.95	385	97	P	V
		5354.08	49.98	-4.02	54	37.56	31.85	11.52	30.95	385	97	A	V
802.11ac VHT40 CH 62 5310MHz		5140.4	58.81	-15.19	74	46.9	31.65	11.21	30.95	100	89	P	H
		5084.5	48.22	-5.78	54	36.32	31.58	11.27	30.95	100	89	A	H
	*	5310	103.72	-	-	91.42	31.82	11.43	30.95	100	89	P	H
	*	5310	94.63	-	-	82.33	31.82	11.43	30.95	100	89	A	H
		5352.32	62.49	-11.51	74	50.07	31.85	11.52	30.95	100	89	P	H
		5350.08	52.91	-1.09	54	40.49	31.85	11.52	30.95	100	89	A	H
		5126.36	59.31	-14.69	74	47.39	31.63	11.24	30.95	362	102	P	V
		5078.52	48.2	-5.8	54	36.3	31.58	11.27	30.95	362	102	A	V
	*	5310	102.29	-	-	89.99	31.82	11.43	30.95	362	102	P	V
	*	5310	93.4	-	-	81.1	31.82	11.43	30.95	362	102	A	V
		5354.72	62.65	-11.35	74	50.23	31.85	11.52	30.95	362	102	P	V
		5351.68	51.33	-2.67	54	38.91	31.85	11.52	30.95	362	102	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 VHT40 (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 VHT40 CH 54 5270MHz		10540	47.2	-26.8	74	47.24	39.84	17.31	57.19	100	0	P	H
		15810	43.95	-30.05	74	42.18	37.93	21.82	57.98	100	0	P	H
													H
													H
		10540	49.61	-24.39	74	49.65	39.84	17.31	57.19	100	0	P	V
		15810	43.39	-30.61	74	41.62	37.93	21.82	57.98	100	0	P	V
													V
													V
802.11ac VHT40 CH 62 5310MHz		10620	46.06	-27.94	74	45.9	39.94	17.4	57.18	100	0	P	H
		15930	43.9	-30.1	74	41.95	37.78	21.91	57.74	100	0	P	H
													H
													H
		10620	46.6	-27.4	74	46.44	39.94	17.4	57.18	100	0	P	V
		15930	43.72	-30.28	74	41.77	37.78	21.91	57.74	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		5012.22	59.51	-14.49	74	47.6	31.52	11.34	30.95	100	90	P	H
		5143.26	48.34	-5.66	54	36.43	31.65	11.21	30.95	100	90	A	H
	*	5292	100.85	-	-	88.67	31.78	11.35	30.95	100	90	P	H
	*	5292	91.87	-	-	79.69	31.78	11.35	30.95	100	90	A	H
		5374.24	62.98	-11.02	74	50.54	31.87	11.52	30.95	100	90	P	H
		5362.08	52.85	-1.15	54	40.41	31.87	11.52	30.95	100	90	A	H
		5046.02	58.56	-15.44	74	46.65	31.55	11.31	30.95	400	86	P	V
		5137.02	48.27	-5.73	54	36.35	31.63	11.24	30.95	400	86	A	V
	*	5292	99.14	-	-	86.96	31.78	11.35	30.95	400	86	P	V
	*	5292	89.57	-	-	77.39	31.78	11.35	30.95	400	86	A	V
		5385.76	61.34	-12.66	74	48.81	31.88	11.6	30.95	400	86	P	V
		5353.6	51.19	-2.81	54	38.77	31.85	11.52	30.95	400	86	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	46.24	-27.76	74	46.16	39.9	17.36	57.18	100	0	P	H
		15870	46.26	-27.74	74	44.38	37.84	21.88	57.84	100	0	P	H
													H
													H
		10580	46.53	-27.47	74	46.45	39.9	17.36	57.18	100	0	P	V
		15870	45.33	-28.67	74	43.45	37.84	21.88	57.84	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 802.11a (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+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11a CH 100 5500MHz		5451.76	63.19	-10.81	74	50.55	31.95	11.64	30.95	100	93	P	H
		5469.84	66.87	-1.43	68.3	54.18	31.97	11.67	30.95	100	93	P	H
		5459.92	51.83	-2.17	54	39.19	31.95	11.64	30.95	100	93	A	H
	*	5500	113.8	-	-	101.08	32	11.67	30.95	100	93	P	H
	*	5500	104.17	-	-	91.45	32	11.67	30.95	100	93	A	H
													H
		5450.48	61.03	-12.97	74	48.39	31.95	11.64	30.95	374	108	P	V
		5469.52	65.06	-3.24	68.3	52.37	31.97	11.67	30.95	374	108	P	V
		5460	49.66	-4.34	54	37.02	31.95	11.64	30.95	374	108	A	V
	*	5500	110.94	-	-	98.22	32	11.67	30.95	374	108	P	V
	*	5500	101.04	-	-	88.32	32	11.67	30.95	374	108	A	V
													V
802.11a CH 116 5580MHz		5423.44	59.74	-14.26	74	47.13	31.92	11.64	30.95	139	101	P	H
		5463.76	58.62	-9.68	68.3	45.93	31.97	11.67	30.95	139	101	P	H
		5446.24	48.41	-5.59	54	35.77	31.95	11.64	30.95	139	101	A	H
	*	5582	114.69	-	-	101.78	32.12	11.77	30.98	139	101	P	H
	*	5582	104.78	-	-	91.87	32.12	11.77	30.98	139	101	A	H
		5735.775	60.13	-8.17	68.3	46.98	32.34	11.84	31.03	139	101	P	H
		5426.8	59.54	-14.46	74	46.93	31.92	11.64	30.95	363	106	P	V
		5469.28	58.68	-9.62	68.3	45.99	31.97	11.67	30.95	363	106	P	V
		5450.32	48.21	-5.79	54	35.57	31.95	11.64	30.95	363	106	A	V
	*	5582	113.2	-	-	100.29	32.12	11.77	30.98	363	106	P	V
	*	5582	103.21	-	-	90.3	32.12	11.77	30.98	363	106	A	V
		5763.25	59.88	-8.42	68.3	46.7	32.36	11.86	31.04	363	106	P	V



802.11a CH 140 5700MHz	*	5700	112.64	-	-	99.56	32.27	11.82	31.01	100	94	P	H
	*	5700	102.41	-	-	89.33	32.27	11.82	31.01	100	94	A	H
		5726.6	67.01	-1.29	68.3	53.88	32.31	11.84	31.02	100	94	P	H
													H
													H
													H
	*	5700	108.44	-	-	95.36	32.27	11.82	31.01	332	102	P	V
	*	5700	99.1	-	-	86.02	32.27	11.82	31.01	332	102	A	V
		5727.32	61.81	-6.49	68.3	48.68	32.31	11.84	31.02	332	102	P	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 802.11a (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)
802.11a CH 100 5500MHz		11000	48.21	-25.79	74	47.05	40.4	17.86	57.1	100	0	P	H
		16500	45.31	-22.99	68.3	39.59	39.3	22.42	56	100	0	P	H
													H
													H
		11000	48.25	-25.75	74	47.09	40.4	17.86	57.1	100	0	P	V
		16500	46.2	-22.1	68.3	40.48	39.3	22.42	56	100	0	P	V
													V
													V
802.11a CH 116 5580MHz		11160	47.38	-26.62	74	46.37	40.3	18.04	57.33	100	0	P	H
		16740	57.35	-16.65	74	50.77	40.07	22.65	56.14	249	314	P	H
		16740	43.6	-10.4	54	37.02	40.07	22.65	56.14	249	314	A	H
													H
		11160	48.25	-25.75	74	47.24	40.3	18.04	57.33	100	0	P	V
		16740	50.24	-23.76	74	43.66	40.07	22.65	56.14	100	0	P	V
													V
													V
802.11a CH 140 5700MHz		11400	47.06	-26.94	74	46.25	40.16	18.31	57.66	100	0	P	H
		17100	50.44	-17.86	68.3	42.89	41.22	22.99	56.66	100	0	P	H
													H
													H
		11400	46.86	-27.14	74	46.05	40.16	18.31	57.66	100	0	P	V
		17100	52.11	-16.19	68.3	44.56	41.22	22.99	56.66	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 VHT20 (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 VHT20 CH 100 5500MHz		5455.76	62.07	-11.93	74	49.43	31.95	11.64	30.95	100	94	P	H
		5468.08	66.87	-1.43	68.3	54.18	31.97	11.67	30.95	100	94	P	H
		5459.92	51.44	-2.56	54	38.8	31.95	11.64	30.95	100	94	A	H
	*	5500	111.78	-	-	99.06	32	11.67	30.95	100	94	P	H
	*	5500	102.99	-	-	90.27	32	11.67	30.95	100	94	A	H
													H
		5452.08	60.39	-13.61	74	47.75	31.95	11.64	30.95	358	109	P	V
		5470	62.22	-6.08	68.3	49.53	31.97	11.67	30.95	358	109	P	V
		5459.92	49.93	-4.07	54	37.29	31.95	11.64	30.95	358	109	A	V
	*	5500	108.78	-	-	96.06	32	11.67	30.95	358	109	P	V
	*	5500	99.44	-	-	86.72	32	11.67	30.95	358	109	A	V
													V
802.11ac VHT20 CH 116 5580MHz		5377.36	59.68	-14.32	74	47.24	31.87	11.52	30.95	116	102	P	H
		5464.24	58.32	-9.98	68.3	45.63	31.97	11.67	30.95	116	102	P	H
		5453.92	48.29	-5.71	54	35.65	31.95	11.64	30.95	116	102	P	H
	*	5578	113.7	-	-	100.84	32.1	11.74	30.98	116	102	P	H
	*	5578	104.23	-	-	91.37	32.1	11.74	30.98	116	102	A	H
		5763.6	59.91	-8.39	68.3	46.73	32.36	11.86	31.04	116	102	P	H
		5443.84	59.85	-14.15	74	47.23	31.93	11.64	30.95	400	94	P	V
		5466.4	58.7	-9.6	68.3	46.01	31.97	11.67	30.95	400	94	P	V
		5425.84	48.28	-5.72	54	35.67	31.92	11.64	30.95	400	94	A	V
	*	5582	111.41	-	-	98.5	32.12	11.77	30.98	400	94	P	V
	*	5582	101.97	-	-	89.06	32.12	11.77	30.98	400	94	A	V
		5759.4	60.31	-7.99	68.3	47.13	32.36	11.86	31.04	400	94	P	V



802.11ac VHT20 CH 140 5700MHz	*	5700	109.59	-	-	96.51	32.27	11.82	31.01	100	96	P	H
	*	5700	100.23	-	-	87.15	32.27	11.82	31.01	100	96	A	H
		5725.24	66.79	-1.51	68.3	53.66	32.31	11.84	31.02	100	96	P	H
													H
													H
													H
	*	5700	106.77	-	-	93.69	32.27	11.82	31.01	384	95	P	V
	*	5700	97.65	-	-	84.57	32.27	11.82	31.01	384	95	A	V
		5731.8	62.46	-5.84	68.3	49.34	32.31	11.84	31.03	384	95	P	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 802.11ac VHT20 (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 VHT20 CH 100 5500MHz		11000	48.11	-25.89	74	46.95	40.4	17.86	57.1	100	0	P	H
		16500	46.24	-22.06	68.3	40.52	39.3	22.42	56	100	0	P	H
													H
													H
		11000	47.68	-26.32	74	46.52	40.4	17.86	57.1	100	0	P	V
		16500	45.99	-22.31	68.3	40.27	39.3	22.42	56	100	0	P	V
													V
													V
802.11ac VHT20 CH 116 5580MHz		11160	48.72	-25.28	74	47.71	40.3	18.04	57.33	100	0	P	H
		16740	51.99	-16.31	68.3	45.41	40.07	22.65	56.14	100	0	P	H
													H
													H
		11160	50.95	-23.05	74	49.94	40.3	18.04	57.33	400	0	P	V
		16740	51.7	-16.6	68.3	45.12	40.07	22.65	56.14	100	0	P	V
													V
													V
802.11ac VHT20 CH 140 5700MHz		11400	46.44	-27.56	74	45.63	40.16	18.31	57.66	100	0	P	H
		17100	49.62	-18.68	68.3	42.07	41.22	22.99	56.66	100	0	P	H
													H
													H
		11400	46.06	-27.94	74	45.25	40.16	18.31	57.66	100	0	P	V
		17100	51.41	-16.89	68.3	43.86	41.22	22.99	56.66	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 VHT40 (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 VHT40 CH 102 5510MHz		5457.28	62.2	-11.8	74	49.56	31.95	11.64	30.95	100	92	P	H
		5464.96	66.47	-1.83	68.3	53.78	31.97	11.67	30.95	100	92	P	H
		5459.92	51.77	-2.23	54	39.13	31.95	11.64	30.95	100	92	A	H
	*	5510	104.5	-	-	91.76	32	11.7	30.96	100	92	P	H
	*	5510	95.07	-	-	82.33	32	11.7	30.96	100	92	A	H
		5749.6	59.96	-8.34	68.3	46.79	32.34	11.86	31.03	100	92	P	H
		5459.2	59.91	-14.09	74	47.27	31.95	11.64	30.95	394	103	P	V
		5464.24	63.25	-5.05	68.3	50.56	31.97	11.67	30.95	394	103	P	V
		5459.68	50.55	-3.45	54	37.91	31.95	11.64	30.95	394	103	A	V
	*	5510	103.77	-	-	91.03	32	11.7	30.96	394	103	P	V
	*	5510	94.63	-	-	81.89	32	11.7	30.96	394	103	A	V
		5730	59.96	-8.34	68.3	46.83	32.31	11.84	31.02	394	103	P	V
802.11ac VHT40 CH 110 5550MHz		5455.84	63.04	-10.96	74	50.4	31.95	11.64	30.95	131	96	P	H
		5468.08	64.85	-3.45	68.3	52.16	31.97	11.67	30.95	131	96	P	H
		5459.44	52.98	-1.02	54	40.34	31.95	11.64	30.95	131	96	A	H
	*	5548	110.24	-	-	97.4	32.07	11.74	30.97	131	96	P	H
	*	5548	101.39	-	-	88.55	32.07	11.74	30.97	131	96	A	H
		5755.025	59.72	-8.58	68.3	46.53	32.36	11.86	31.03	131	96	P	H
		5451.28	60.58	-13.42	74	47.94	31.95	11.64	30.95	386	97	P	V
		5469.76	50.7	-3.3	54	38.01	31.97	11.67	30.95	386	97	A	V
	*	5548	107.25	-	-	94.41	32.07	11.74	30.97	386	97	P	V
	*	5548	98.5	-	-	85.66	32.07	11.74	30.97	386	97	A	V
		5739.1	60.07	-13.93	74	46.92	32.34	11.84	31.03	386	97	P	V
													V



802.11ac VHT40 CH 134 5670MHz		5402.08	59.93	-14.07	74	47.38	31.9	11.6	30.95	100	93	P	H
		5460.4	58.78	-9.52	68.3	46.11	31.95	11.67	30.95	100	93	P	H
		5422	48.94	-5.06	54	36.33	31.92	11.64	30.95	100	93	A	H
	*	5670	109.55	-	-	96.5	32.24	11.82	31.01	100	93	P	H
	*	5670	99.62	-	-	86.57	32.24	11.82	31.01	100	93	A	H
		5727.55	66.96	-1.34	68.3	53.83	32.31	11.84	31.02	100	93	P	H
		5388.88	59.82	-14.18	74	47.29	31.88	11.6	30.95	393	101	P	V
		5470	58.44	-9.86	68.3	45.75	31.97	11.67	30.95	393	101	P	V
		5448.64	49.23	-4.77	54	36.59	31.95	11.64	30.95	393	101	A	V
	*	5670	107.13	-	-	94.08	32.24	11.82	31.01	393	101	P	V
	*	5670	98.49	-	-	85.44	32.24	11.82	31.01	393	101	A	V
		5727.2	62.79	-5.51	68.3	49.66	32.31	11.84	31.02	393	101	P	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 VHT40 (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 VHT40 CH 102 5510MHz		11020	46.85	-27.15	74	45.72	40.39	17.86	57.12	100	0	P	H
		16530	45.03	-23.27	68.3	39.18	39.41	22.46	56.02	100	0	P	H
													H
													H
		11020	46.1	-27.9	74	44.97	40.39	17.86	57.12	100	0	P	V
		16530	44.37	-23.93	68.3	38.52	39.41	22.46	56.02	100	0	P	V
													V
													V
802.11ac VHT40 CH 110 5550MHz		11100	45.78	-28.22	74	44.73	40.34	17.95	57.24	100	0	P	H
		16650	45.25	-23.05	68.3	38.97	39.8	22.57	56.09	100	0	P	H
													H
													H
		11100	45.53	-28.47	74	44.48	40.34	17.95	57.24	100	0	P	V
		16650	45.29	-23.01	68.3	39.01	39.8	22.57	56.09	100	0	P	V
													V
													V
802.11ac VHT40 CH 134 5670MHz		11340	45.91	-28.09	74	45.06	40.2	18.22	57.57	100	0	P	H
		17010	46.82	-21.48	68.3	39.32	40.95	22.91	56.36	100	0	P	H
													H
													H
		11340	46.46	-27.54	74	45.61	40.2	18.22	57.57	100	0	P	V
		17010	46.36	-21.94	68.3	38.86	40.95	22.91	56.36	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		5455.84	62.76	-11.24	74	50.12	31.95	11.64	30.95	100	90	P	H
		5470	63.54	-4.76	68.3	50.85	31.97	11.67	30.95	100	90	P	H
		5455.36	52.58	-1.42	54	39.94	31.95	11.64	30.95	100	90	A	H
	*	5532	100.72	-	-	87.94	32.05	11.7	30.97	100	90	P	H
	*	5532	91.11	-	-	78.33	32.05	11.7	30.97	100	90	A	H
		5763.25	59.96	-8.34	68.3	46.78	32.36	11.86	31.04	100	90	P	H
		5432.08	60.45	-13.55	74	47.83	31.93	11.64	30.95	390	104	P	V
		5461.6	60.47	-7.83	68.3	47.8	31.95	11.67	30.95	390	104	P	V
		5439.04	50.68	-3.32	54	38.06	31.93	11.64	30.95	390	104	A	V
	*	5532	98.33	-	-	85.55	32.05	11.7	30.97	390	104	P	V
	*	5532	89.14	-	-	76.36	32.05	11.7	30.97	390	104	A	V
		5751.875	59.93	-8.37	68.3	46.74	32.36	11.86	31.03	390	104	P	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	46.76	-27.24	74	45.69	40.36	17.9	57.19	100	0	P	H
		16590	45.36	-22.94	68.3	39.29	39.58	22.54	56.05	100	0	P	H
													H
													H
		11060	46.8	-27.2	74	45.73	40.36	17.9	57.19	100	0	P	V
		16590	45.89	-22.41	68.3	39.82	39.58	22.54	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	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)
802.11a CH 144 5720MHz	*	5720	114.99	-	-	101.86	32.31	11.84	31.02	100	91	P	H
	*	5720	104.84	-	-	91.71	32.31	11.84	31.02	100	91	A	H
													H
													H
													H
													H
	*	5720	111.91	-	-	98.78	32.31	11.84	31.02	400	91	P	V
	*	5720	103.02	-	-	89.89	32.31	11.84	31.02	400	91	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. 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)
802.11a CH 144 5720MHz		11440	46.33	-27.67	74	45.54	40.14	18.36	57.71	100	0	P	H
		17160	58.4	-15.6	74	50.81	41.43	23.06	56.9	202	252	P	H
		17160	42.9	-11.1	54	35.31	41.43	23.06	56.9	202	252	A	H
													H
		11440	45.9	-28.1	74	45.11	40.14	18.36	57.71	100	0	P	V
		17160	59.51	-14.49	74	51.92	41.43	23.06	56.9	210	302	P	V
		17160	43.81	-10.19	54	36.22	41.43	23.06	56.9	210	302	A	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 VHT20 (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 VHT20 CH 144 5720MHz	*	5720	113.18	-	-	100.05	32.31	11.84	31.02	100	92	P	H
	*	5720	102.91	-	-	89.78	32.31	11.84	31.02	100	92	A	H
													H
													H
													H
													H
	*	5720	110.89	-	-	97.76	32.31	11.84	31.02	326	103	P	V
	*	5720	101.7	-	-	88.57	32.31	11.84	31.02	326	103	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 VHT20 (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 VHT20 CH 144 5720MHz		11440	45.72	-28.28	74	44.93	40.14	18.36	57.71	100	0	P	H
		17160	57.67	-16.33	74	50.08	41.43	23.06	56.9	209	305	P	H
		17160	43.55	-10.45	54	35.96	41.43	23.06	56.9	209	305	A	H
													H
		11440	46.13	-27.87	74	45.34	40.14	18.36	57.71	100	0	P	V
		17160	58.09	-15.91	74	50.5	41.43	23.06	56.9	208	302	P	V
		17160	43.51	-10.49	54	35.92	41.43	23.06	56.9	208	302	A	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 VHT40 (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 VHT40 CH 142 5710MHz	*	5710	109.7	-	-	96.59	32.29	11.84	31.02	100	91	P	H
	*	5710	100.64	-	-	87.53	32.29	11.84	31.02	100	91	A	H
													H
													H
													H
													H
	*	5710	107.56	-	-	94.45	32.29	11.84	31.02	312	104	P	V
	*	5710	98.26	-	-	85.15	32.29	11.84	31.02	312	104	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 VHT40 (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 VHT40 CH 142 5710MHz		11420	45.51	-28.49	74	44.73	40.15	18.31	57.68	100	0	P	H
		17130	50.28	-23.72	74	42.71	41.33	23.02	56.78	100	0	P	H
													H
													H
		11420	46.03	-27.97	74	45.25	40.15	18.31	57.68	100	0	P	V
		17130	49.96	-24.04	74	42.39	41.33	23.02	56.78	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	106.02	-	-	92.94	32.27	11.82	31.01	100	91	P	H
	*	5690	96.07	-	-	82.99	32.27	11.82	31.01	100	91	A	H
													H
													H
													H
													H
	*	5690	103.16	-	-	90.08	32.27	11.82	31.01	310	103	P	V
	*	5690	94.39	-	-	81.31	32.27	11.82	31.01	310	103	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		10380	45.88	-28.12	74	46.57	39.61	17.13	57.43	100	0	P	H
		17070	48.34	-25.66	74	40.78	41.11	22.99	56.54	100	0	P	H
													H
													H
		10380	47.16	-26.84	74	47.85	39.61	17.13	57.43	100	0	P	V
		17070	48.43	-25.57	74	40.87	41.11	22.99	56.54	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 VHT40 (LF @ 3m)

[illegible]



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”.