



<TXBF Modes>

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		5150	62.07	-11.93	74	50.16	31.65	11.21	30.95	123	79	P	H
		5150	50.44	-3.56	54	38.53	31.65	11.21	30.95	123	79	A	H
	*	5180	109.94	-	-	98	31.68	11.21	30.95	123	79	P	H
	*	5180	100.24	-	-	88.3	31.68	11.21	30.95	123	79	A	H
													H
													H
		5144.82	64.27	-9.73	74	52.36	31.65	11.21	30.95	100	102	P	V
		5149.76	52.04	-1.96	54	40.13	31.65	11.21	30.95	100	102	A	V
	*	5180	113.6	-	-	101.66	31.68	11.21	30.95	100	102	P	V
	*	5180	104.26	-	-	92.32	31.68	11.21	30.95	100	102	A	V
													V
													V
802.11ac VHT20 CH 44 5220MHz		5132.34	59.09	-14.91	74	47.17	31.63	11.24	30.95	100	14	P	H
		5149.76	48.87	-5.13	54	36.96	31.65	11.21	30.95	100	14	A	H
	*	5220	113.43	-	-	101.48	31.72	11.18	30.95	100	14	P	H
	*	5220	103.6	-	-	91.65	31.72	11.18	30.95	100	14	A	H
		5427.6	60.43	-13.57	74	47.82	31.92	11.64	30.95	100	14	P	H
		5434.32	48.35	-5.65	54	35.73	31.93	11.64	30.95	100	14	A	H
		5149.5	59.05	-14.95	74	47.14	31.65	11.21	30.95	100	105	P	V
		5148.72	48.33	-5.67	54	36.42	31.65	11.21	30.95	100	105	A	V
	*	5220	114.13	-	-	102.18	31.72	11.18	30.95	100	105	P	V
	*	5220	104.3	-	-	92.35	31.72	11.18	30.95	100	105	A	V
		5430.96	59.65	-14.35	74	47.03	31.93	11.64	30.95	100	105	P	V
		5433.12	48.46	-5.54	54	35.84	31.93	11.64	30.95	100	105	A	V



802.11ac VHT20 CH 48 5240MHz		5111.28	58.89	-15.11	74	46.98	31.62	11.24	30.95	100	14	P	H
		5150	47.61	-6.39	54	35.7	31.65	11.21	30.95	100	14	A	H
	*	5240	114.48	-	-	102.44	31.73	11.26	30.95	100	14	P	H
	*	5240	105.41	-	-	93.37	31.73	11.26	30.95	100	14	A	H
		5409.84	60	-14	74	47.45	31.9	11.6	30.95	100	14	P	H
		5352.96	48.16	-5.84	54	35.74	31.85	11.52	30.95	100	14	A	H
		5131.82	59.55	-14.45	74	47.63	31.63	11.24	30.95	180	101	P	V
		5136.76	47.57	-6.43	54	35.65	31.63	11.24	30.95	180	101	A	V
	*	5240	115.05	-	-	103.01	31.73	11.26	30.95	180	101	P	V
	*	5240	96.95	-	-	84.91	31.73	11.26	30.95	180	101	A	V
		5432.64	59.54	-14.46	74	46.92	31.93	11.64	30.95	180	101	P	V
		5353.44	48.22	-5.78	54	35.8	31.85	11.52	30.95	180	101	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	45.26	-28.74	74	46.01	39.59	17.13	57.47	100	0	P	H
		15540	45.39	-28.61	74	44.05	38.26	21.61	58.53	100	0	P	H
													H
													H
		10360	45.32	-28.68	74	46.07	39.59	17.13	57.47	100	0	P	V
		15540	43.49	-30.51	74	42.15	38.26	21.61	58.53	100	0	P	V
													V
													V
802.11ac VHT20 CH 44 5220MHz		10440	47.91	-26.09	74	48.33	39.69	17.22	57.33	100	0	P	H
		15660	44.29	-29.71	74	42.77	38.11	21.7	58.29	100	0	P	H
													H
													H
		10440	49.13	-24.87	74	49.55	39.69	17.22	57.33	100	0	P	V
		15660	45.39	-28.61	74	43.87	38.11	21.7	58.29	100	0	P	V
													V
													V
802.11ac VHT20 CH 48 5240MHz		10480	47.03	-26.97	74	47.22	39.77	17.27	57.23	100	0	P	H
		15720	44.9	-29.1	74	43.26	38.03	21.76	58.15	100	0	P	H
													H
													H
		10480	48.63	-25.37	74	48.82	39.77	17.27	57.23	100	0	P	V
		15720	44.31	-29.69	74	42.67	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		5147.16	62.91	-11.09	74	51	31.65	11.21	30.95	129	77	P	H
		5150	52.26	-1.74	54	40.35	31.65	11.21	30.95	129	77	A	H
	*	5190	102.03	-	-	90.12	31.68	11.18	30.95	129	77	P	H
	*	5190	92.12	-	-	80.21	31.68	11.18	30.95	129	77	A	H
		5398.56	60.18	-13.82	74	47.63	31.9	11.6	30.95	129	77	P	H
		5457.36	47.77	-6.23	54	35.13	31.95	11.64	30.95	129	77	A	H
		5149.5	61.31	-12.69	74	49.4	31.65	11.21	30.95	100	85	P	V
		5147.94	52.77	-1.23	54	40.86	31.65	11.21	30.95	100	85	A	V
	*	5190	107.09	-	-	95.18	31.68	11.18	30.95	100	85	P	V
	*	5190	97.14	-	-	85.23	31.68	11.18	30.95	100	85	A	V
		5406.72	59.38	-14.62	74	46.83	31.9	11.6	30.95	100	85	P	V
		5357.52	47.86	-6.14	54	35.44	31.85	11.52	30.95	100	85	A	V
802.11ac VHT40 CH 46 5230MHz		5145.6	62.05	-11.95	74	50.14	31.65	11.21	30.95	217	129	P	H
		5149.76	50.95	-3.05	54	39.04	31.65	11.21	30.95	217	129	A	H
	*	5230	110.54	-	-	98.5	31.73	11.26	30.95	217	129	P	H
	*	5230	100.73	-	-	88.69	31.73	11.26	30.95	217	129	A	H
		5364.24	59.47	-14.53	74	47.03	31.87	11.52	30.95	217	129	P	H
		5350.56	49.45	-4.55	54	37.03	31.85	11.52	30.95	217	129	A	H
		5148.98	62.48	-11.52	74	50.57	31.65	11.21	30.95	185	100	P	V
		5150	52.41	-1.59	54	40.5	31.65	11.21	30.95	185	100	A	V
	*	5230	111.82	-	-	99.78	31.73	11.26	30.95	185	100	P	V
	*	5230	102.97	-	-	90.93	31.73	11.26	30.95	185	100	A	V
		5358.24	60.73	-13.27	74	48.31	31.85	11.52	30.95	185	100	P	V
		5352.96	49.24	-4.76	54	36.82	31.85	11.52	30.95	185	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 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	45.56	-28.44	74	46.25	39.61	17.13	57.43	100	0	P	H
		15570	43.82	-30.18	74	42.42	38.22	21.64	58.46	100	0	P	H
													H
													H
		10380	46.78	-27.22	74	47.47	39.61	17.13	57.43	100	0	P	V
		15570	42.64	-31.36	74	41.24	38.22	21.64	58.46	100	0	P	V
													V
													V
802.11ac VHT40 CH 46 5230MHz		10460	45.98	-28.02	74	46.34	39.72	17.22	57.3	100	0	P	H
		15690	44.67	-29.33	74	43.09	38.07	21.73	58.22	100	0	P	H
													H
													H
		10460	46.34	-27.66	74	46.7	39.72	17.22	57.3	100	0	P	V
		15690	43.58	-30.42	74	42	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		5137.02	64.19	-9.81	74	52.27	31.63	11.24	30.95	112	118	P	H
		5149.76	50.44	-3.56	54	38.53	31.65	11.21	30.95	112	118	A	H
	*	5212	101.28	-	-	89.33	31.72	11.18	30.95	112	118	P	H
	*	5212	92.07	-	-	80.12	31.72	11.18	30.95	112	118	A	H
		5412.72	61.34	-12.66	74	48.77	31.92	11.6	30.95	112	118	P	H
		5433.36	47.92	-6.08	54	35.3	31.93	11.64	30.95	112	118	A	H
		5148.98	64.79	-9.21	74	52.88	31.65	11.21	30.95	123	81	P	V
		5150	53	-1	54	41.09	31.65	11.21	30.95	123	81	A	V
	*	5208	101.74	-	-	89.79	31.72	11.18	30.95	123	81	P	V
	*	5208	92.6	-	-	80.65	31.72	11.18	30.95	123	81	A	V
		5394	59.81	-14.19	74	47.28	31.88	11.6	30.95	123	81	P	V
		5350.56	47.99	-6.01	54	35.57	31.85	11.52	30.95	123	81	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	45.83	-28.17	74	46.35	39.67	17.18	57.37	100	0	P	H
		15630	45.16	-28.84	74	43.65	38.13	21.7	58.32	100	0	P	H
													H
													H
		10420	45.58	-28.42	74	46.1	39.67	17.18	57.37	100	0	P	V
		15630	43.78	-30.22	74	42.27	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 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT20 CH 52 5260MHz		5058.5	59.17	-14.83	74	47.24	31.57	11.31	30.95	100	16	P	H
		5150	47.23	-6.77	54	35.32	31.65	11.21	30.95	100	16	A	H
	*	5260	113.07	-	-	100.99	31.77	11.26	30.95	100	16	P	H
	*	5260	103.8	-	-	91.72	31.77	11.26	30.95	100	16	A	H
		5357.12	59.8	-14.2	74	47.38	31.85	11.52	30.95	100	16	P	H
		5350.4	48.78	-5.22	54	36.36	31.85	11.52	30.95	100	16	A	H
		5142.48	58.97	-15.03	74	47.06	31.65	11.21	30.95	138	102	P	V
		5147.68	47.23	-6.77	54	35.32	31.65	11.21	30.95	138	102	A	V
	*	5260	114.3	-	-	102.22	31.77	11.26	30.95	138	102	P	V
	*	5260	105.96	-	-	93.88	31.77	11.26	30.95	138	102	A	V
		5457.44	59.97	-14.03	74	47.33	31.95	11.64	30.95	138	102	P	V
		5352.16	48.58	-5.42	54	36.16	31.85	11.52	30.95	138	102	A	V
802.11ac VHT20 CH 60 5300MHz		5133.12	58.7	-15.3	74	46.78	31.63	11.24	30.95	100	114	P	H
		5082.16	47.08	-6.92	54	35.18	31.58	11.27	30.95	100	114	A	H
	*	5300	112.99	-	-	100.79	31.8	11.35	30.95	100	114	P	H
	*	5300	104.44	-	-	92.24	31.8	11.35	30.95	100	114	A	H
		5352	62.64	-11.36	74	50.22	31.85	11.52	30.95	100	114	P	H
		5350.32	50.37	-3.63	54	37.95	31.85	11.52	30.95	100	114	A	H
		5149.5	59.27	-14.73	74	47.36	31.65	11.21	30.95	117	105	P	V
		5104.26	47.09	-6.91	54	35.2	31.6	11.24	30.95	117	105	A	V
	*	5300	114.34	-	-	102.14	31.8	11.35	30.95	117	105	P	V
	*	5300	105.19	-	-	92.99	31.8	11.35	30.95	117	105	A	V
		5350.8	63.17	-10.83	74	50.75	31.85	11.52	30.95	117	105	P	V
		5350.08	52.13	-1.87	54	39.71	31.85	11.52	30.95	117	105	A	V



802.11ac VHT20 CH 64 5320MHz	*	5320	105.29	-	-	92.99	31.82	11.43	30.95	138	87	P	H
	*	5320	94.55	-	-	82.25	31.82	11.43	30.95	138	87	A	H
		5350.4	61.84	-12.16	74	49.42	31.85	11.52	30.95	138	87	P	H
		5350.88	49.5	-4.5	54	37.08	31.85	11.52	30.95	138	87	A	H
													H
													H
	*	5320	110.58	-	-	98.28	31.82	11.43	30.95	100	86	P	V
	*	5320	100.51	-	-	88.21	31.82	11.43	30.95	100	86	A	V
		5351.68	62.99	-11.01	74	50.57	31.85	11.52	30.95	100	86	P	V
		5350.24	52.91	-1.09	54	40.49	31.85	11.52	30.95	100	86	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	46.2	-27.8	74	46.27	39.82	17.31	57.2	100	0	P	H
		15780	43.87	-30.13	74	42.16	37.97	21.79	58.05	100	0	P	H
													H
													H
		10520	46.69	-27.31	74	46.76	39.82	17.31	57.2	100	0	P	V
		15780	44.36	-29.64	74	42.65	37.97	21.79	58.05	100	0	P	V
													V
													V
802.11ac VHT20 CH 60 5300MHz		10600	46.43	-27.57	74	46.29	39.92	17.4	57.18	100	0	P	H
		15900	43	-31	74	41.11	37.82	21.88	57.81	100	0	P	H
													H
													H
		10600	46.78	-27.22	74	46.64	39.92	17.4	57.18	100	0	P	V
		15900	42.97	-31.03	74	41.08	37.82	21.88	57.81	100	0	P	V
													V
													V
802.11ac VHT20 CH 64 5320MHz		10640	46.98	-27.02	74	46.73	39.97	17.45	57.17	100	0	P	H
		15960	43.49	-30.51	74	41.48	37.74	21.94	57.67	100	0	P	H
													H
													H
		10640	45.98	-28.02	74	45.73	39.97	17.45	57.17	100	0	P	V
		15960	42.96	-31.04	74	40.95	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		5075.92	59.16	-14.84	74	47.26	31.58	11.27	30.95	100	133	P	H
		5142.74	47.05	-6.95	54	35.14	31.65	11.21	30.95	100	133	A	H
	*	5270	105.9	-	-	93.73	31.77	11.35	30.95	100	133	P	H
	*	5270	97.88	-	-	85.71	31.77	11.35	30.95	100	133	A	H
		5371.68	59.91	-14.09	74	47.47	31.87	11.52	30.95	100	133	P	H
		5352.48	48.56	-5.44	54	36.14	31.85	11.52	30.95	100	133	A	H
		5138.84	59.43	-14.57	74	47.51	31.63	11.24	30.95	100	105	P	V
		5150	48.25	-5.75	54	36.34	31.65	11.21	30.95	100	105	A	V
	*	5270	110.32	-	-	98.15	31.77	11.35	30.95	100	105	P	V
	*	5270	100.48	-	-	88.31	31.77	11.35	30.95	100	105	A	V
		5359.92	61.54	-12.46	74	49.12	31.85	11.52	30.95	100	105	P	V
		5350.8	52.6	-1.4	54	40.18	31.85	11.52	30.95	100	105	A	V
802.11ac VHT40 CH 62 5310MHz		5022.62	59.11	-14.89	74	47.22	31.53	11.31	30.95	121	74	P	H
		5137.8	47.07	-6.93	54	35.15	31.63	11.24	30.95	121	74	A	H
	*	5310	101.86	-	-	89.56	31.82	11.43	30.95	121	74	P	H
	*	5310	91.95	-	-	79.65	31.82	11.43	30.95	121	74	A	H
		5454.24	59.4	-14.6	74	46.76	31.95	11.64	30.95	121	74	P	H
		5350.08	49.33	-4.67	54	36.91	31.85	11.52	30.95	121	74	A	H
		5112.84	59.08	-14.92	74	47.17	31.62	11.24	30.95	121	84	P	V
		5144.82	47.12	-6.88	54	35.21	31.65	11.21	30.95	121	84	A	V
	*	5310	105.09	-	-	92.79	31.82	11.43	30.95	121	84	P	V
	*	5310	95	-	-	82.7	31.82	11.43	30.95	121	84	A	V
		5350.24	62.47	-11.53	74	50.05	31.85	11.52	30.95	121	84	P	V
		5350.08	52.8	-1.2	54	40.38	31.85	11.52	30.95	121	84	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	46.88	-27.12	74	46.92	39.84	17.31	57.19	100	0	P	H
		15810	44.52	-29.48	74	42.75	37.93	21.82	57.98	100	0	P	H
													H
													H
		10540	46.3	-27.7	74	46.34	39.84	17.31	57.19	100	0	P	V
		15810	44.06	-29.94	74	42.29	37.93	21.82	57.98	100	0	P	V
													V
													V
802.11ac VHT40 CH 62 5310MHz		10620	45.82	-28.18	74	45.66	39.94	17.4	57.18	100	0	P	H
		15930	43.33	-30.67	74	41.38	37.78	21.91	57.74	100	0	P	H
													H
													H
		10620	46.1	-27.9	74	45.94	39.94	17.4	57.18	100	0	P	V
		15930	42.62	-31.38	74	40.67	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		5021.84	59.13	-14.87	74	47.24	31.53	11.31	30.95	106	126	P	H
		5112.84	47.15	-6.85	54	35.24	31.62	11.24	30.95	106	126	A	H
	*	5292	99.37	-	-	87.19	31.78	11.35	30.95	106	126	P	H
	*	5292	93.02	-	-	80.84	31.78	11.35	30.95	106	126	A	H
		5374.56	65.58	-8.42	74	53.14	31.87	11.52	30.95	106	126	P	H
		5375.04	52.08	-1.92	54	39.64	31.87	11.52	30.95	106	126	A	H
		5109.46	58.67	-15.33	74	46.76	31.62	11.24	30.95	104	92	P	V
		5142.74	47.23	-6.77	54	35.32	31.65	11.21	30.95	104	92	A	V
	*	5292	104.67	-	-	92.49	31.78	11.35	30.95	104	92	P	V
	*	5292	95.04	-	-	82.86	31.78	11.35	30.95	104	92	A	V
		5375.68	67.28	-6.72	74	54.84	31.87	11.52	30.95	104	92	P	V
		5386.08	52.98	-1.02	54	40.45	31.88	11.6	30.95	104	92	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	46.56	-27.44	74	46.48	39.9	17.36	57.18	100	0	P	H
		15870	43.06	-30.94	74	41.18	37.84	21.88	57.84	100	0	P	H
													H
													H
		10580	46.34	-27.66	74	46.26	39.9	17.36	57.18	100	0	P	V
		15870	42.62	-31.38	74	40.74	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 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT20 CH 100 5500MHz		5453.2	62.22	-11.78	74	49.58	31.95	11.64	30.95	100	116	P	H
		5469.84	65.48	-2.82	68.3	52.79	31.97	11.67	30.95	100	116	P	H
		5460	50.6	-3.4	54	37.96	31.95	11.64	30.95	100	116	A	H
	*	5500	111.75	-	-	99.03	32	11.67	30.95	100	116	P	H
	*	5500	102.15	-	-	89.43	32	11.67	30.95	100	116	A	H
													H
		5459.28	62.91	-11.09	74	50.27	31.95	11.64	30.95	139	83	P	V
		5468.88	67.11	-1.19	68.3	54.42	31.97	11.67	30.95	139	83	P	V
		5459.92	52.05	-1.95	54	39.41	31.95	11.64	30.95	139	83	A	V
	*	5500	113.05	-	-	100.33	32	11.67	30.95	139	83	P	V
	*	5500	102.84	-	-	90.12	32	11.67	30.95	139	83	A	V
													V
802.11ac VHT20 CH 116 5580MHz		5422.48	60.63	-13.37	74	48.02	31.92	11.64	30.95	224	344	P	H
		5465.68	58.78	-9.52	68.3	46.09	31.97	11.67	30.95	224	344	P	H
		5425.84	47.9	-6.1	54	35.29	31.92	11.64	30.95	224	344	A	H
	*	5578	113.09	-	-	100.23	32.1	11.74	30.98	224	344	P	H
	*	5578	104.9	-	-	92.04	32.1	11.74	30.98	224	344	A	H
		5745.23	60.39	-7.91	68.3	47.22	32.34	11.86	31.03	224	344	P	H
		5370.4	59.46	-14.54	74	47.02	31.87	11.52	30.95	115	96	P	V
		5461.36	59.14	-9.16	68.3	46.47	31.95	11.67	30.95	115	96	P	V
		5441.2	47.95	-6.05	54	35.33	31.93	11.64	30.95	115	96	A	V
	*	5582	115.78	-	-	102.87	32.12	11.77	30.98	115	96	P	V
	*	5582	106.18	-	-	93.27	32.12	11.77	30.98	115	96	A	V
		5762.73	60	-8.3	68.3	46.82	32.36	11.86	31.04	115	96	P	V



802.11ac VHT20 CH 140 5700MHz	*	5700	110.92	-	-	97.84	32.27	11.82	31.01	108	76	P	H
	*	5700	101.09	-	-	88.01	32.27	11.82	31.01	108	76	A	H
		5725.08	66.93	-1.37	68.3	53.8	32.31	11.84	31.02	108	76	P	H
													H
													H
													H
	*	5700	111.74	-	-	98.66	32.27	11.82	31.01	120	102	P	V
	*	5700	102.77	-	-	89.69	32.27	11.82	31.01	120	102	A	V
		5725	67.25	-1.05	68.3	54.12	32.31	11.84	31.02	120	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 802.11ac 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	46.15	-27.85	74	44.99	40.4	17.86	57.1	100	0	P	H
		16500	43.6	-24.7	68.3	37.88	39.3	22.42	56	100	0	P	H
													H
													H
		11000	46.65	-27.35	74	45.49	40.4	17.86	57.1	100	0	P	V
		16500	43.64	-24.66	68.3	37.92	39.3	22.42	56	100	0	P	V
													V
													V
802.11ac VHT20 CH 116 5580MHz		11160	46.28	-27.72	74	45.27	40.3	18.04	57.33	100	0	P	H
		16740	49.05	-19.25	68.3	42.47	40.07	22.65	56.14	100	0	P	H
													H
													H
		11160	48.16	-25.84	74	47.15	40.3	18.04	57.33	100	0	P	V
		16740	47.69	-20.61	68.3	41.11	40.07	22.65	56.14	100	0	P	V
													V
													V
802.11ac VHT20 CH 140 5700MHz		11140	45.23	-28.77	74	44.21	40.32	17.99	57.29	100	0	P	H
		17100	52.95	-15.35	68.3	45.4	41.22	22.99	56.66	100	0	P	H
													H
													H
		11140	45.46	-28.54	74	44.44	40.32	17.99	57.29	100	0	P	V
		17100	53.13	-15.17	68.3	45.58	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		5459.68	63.02	-10.98	74	50.38	31.95	11.64	30.95	100	124	P	H
		5470	66.68	-1.62	68.3	53.99	31.97	11.67	30.95	100	124	P	H
		5459.92	52.33	-1.67	54	39.69	31.95	11.64	30.95	100	124	A	H
	*	5510	105.56	-	-	92.82	32	11.7	30.96	100	124	P	H
	*	5510	95.37	-	-	82.63	32	11.7	30.96	100	124	A	H
		5753.63	60.55	-7.75	68.3	47.36	32.36	11.86	31.03	100	124	P	H
		5459.92	63.52	-10.48	74	50.88	31.95	11.64	30.95	100	85	P	V
		5469.52	67.1	-1.2	68.3	54.41	31.97	11.67	30.95	100	85	P	V
		5459.92	51.27	-2.73	54	38.63	31.95	11.64	30.95	100	85	A	V
	*	5510	107.7	-	-	94.96	32	11.7	30.96	100	85	P	V
	*	5510	97.4	-	-	84.66	32	11.7	30.96	100	85	A	V
		5760.98	60.68	-7.62	68.3	47.5	32.36	11.86	31.04	100	85	P	V
802.11ac VHT40 CH 110 5550MHz		5456.56	63.05	-10.95	74	50.41	31.95	11.64	30.95	100	123	P	H
		5466.88	66.46	-1.84	68.3	53.77	31.97	11.67	30.95	100	123	P	H
		5459.92	52.13	-1.87	54	39.49	31.95	11.64	30.95	100	123	A	H
	*	5550	111.98	-	-	99.14	32.07	11.74	30.97	100	123	P	H
	*	5550	102.64	-	-	89.8	32.07	11.74	30.97	100	123	A	H
		5760.63	60.25	-8.05	68.3	47.07	32.36	11.86	31.04	100	123	P	H
		5449.84	63.43	-10.57	74	50.79	31.95	11.64	30.95	115	101	P	V
		5468.08	64.66	-3.64	68.3	51.97	31.97	11.67	30.95	115	101	P	V
		5459.2	52.03	-1.97	54	39.39	31.95	11.64	30.95	115	101	A	V
	*	5550	111.05	-	-	98.21	32.07	11.74	30.97	115	101	P	V
	*	5550	101.53	-	-	88.69	32.07	11.74	30.97	115	101	A	V
		5750.48	59.81	-8.49	68.3	46.64	32.34	11.86	31.03	115	101	P	V



802.11ac VHT40 CH 134 5670MHz		5458.96	59.96	-14.04	74	47.32	31.95	11.64	30.95	100	74	P	H
		5465.2	59.24	-9.06	68.3	46.55	31.97	11.67	30.95	100	74	P	H
		5383.84	47.68	-6.32	54	35.15	31.88	11.6	30.95	100	74	A	H
	*	5670	107.6	-	-	94.55	32.24	11.82	31.01	100	74	P	H
	*	5670	97.56	-	-	84.51	32.24	11.82	31.01	100	74	A	H
		5730.35	66.98	-1.32	68.3	53.86	32.31	11.84	31.03	100	74	P	H
		5372.56	60.04	-13.96	74	47.6	31.87	11.52	30.95	100	103	P	V
		5463.04	59.31	-8.99	68.3	46.62	31.97	11.67	30.95	100	103	P	V
		5458.24	47.89	-6.11	54	35.25	31.95	11.64	30.95	100	103	A	V
	*	5670	108.06	-	-	95.01	32.24	11.82	31.01	100	103	P	V
	*	5670	98.36	-	-	85.31	32.24	11.82	31.01	100	103	A	V
		5731.58	66.88	-1.42	68.3	53.76	32.31	11.84	31.03	100	103	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	46.38	-27.62	74	45.25	40.39	17.86	57.12	100	0	P	H
		16530	43.08	-25.22	68.3	37.23	39.41	22.46	56.02	100	0	P	H
													H
													H
		11020	46.2	-27.8	74	45.07	40.39	17.86	57.12	100	0	P	V
		16530	43.5	-24.8	68.3	37.65	39.41	22.46	56.02	100	0	P	V
													V
													V
802.11ac VHT40 CH 110 5550MHz		11100	45.91	-28.09	74	44.86	40.34	17.95	57.24	100	0	P	H
		16500	42.75	-25.55	68.3	37.03	39.3	22.42	56	100	0	P	H
													H
													H
		11100	45.98	-28.02	74	44.93	40.34	17.95	57.24	100	0	P	V
		16500	43.5	-24.8	68.3	37.78	39.3	22.42	56	100	0	P	V
													V
													V
802.11ac VHT40 CH 134 5670MHz		11340	45.71	-28.29	74	44.86	40.2	18.22	57.57	100	0	P	H
		17010	50.83	-17.47	68.3	43.33	40.95	22.91	56.36	100	0	P	H
													H
													H
		11340	45.7	-28.3	74	44.85	40.2	18.22	57.57	100	0	P	V
		17010	47.45	-20.85	68.3	39.95	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		5457.04	69.08	-4.92	74	56.44	31.95	11.64	30.95	113	124	P	H
		5461.6	62.46	-5.84	68.3	49.79	31.95	11.67	30.95	113	124	P	H
		5457.04	52.17	-1.83	54	39.53	31.95	11.64	30.95	113	124	A	H
	*	5532	101.31	-	-	88.53	32.05	11.7	30.97	113	124	P	H
	*	5532	91.61	-	-	78.83	32.05	11.7	30.97	113	124	A	H
		5735.25	60.55	-7.75	68.3	47.4	32.34	11.84	31.03	113	124	P	H
		5449.36	65.16	-8.84	74	52.52	31.95	11.64	30.95	133	83	P	V
		5460.64	66.7	-1.6	68.3	54.03	31.95	11.67	30.95	133	83	P	V
		5459.44	52.8	-1.2	54	40.16	31.95	11.64	30.95	133	83	A	V
	*	5528	105.21	-	-	92.46	32.02	11.7	30.97	133	83	P	V
	*	5528	93.04	-	-	80.29	32.02	11.7	30.97	133	83	A	V
		5730.35	59.92	-8.38	68.3	46.8	32.31	11.84	31.03	133	83	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	46.37	-27.63	74	45.3	40.36	17.9	57.19	100	0	P	H
		16590	44.37	-23.93	68.3	38.3	39.58	22.54	56.05	100	0	P	H
													H
													H
		11060	45.78	-28.22	74	44.71	40.36	17.9	57.19	100	0	P	V
		16590	44.11	-24.19	68.3	38.04	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 802.11ac VHT20 (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11ac VHT20 CH 144 5720MHz	*	5720	110.31	-	-	97.18	32.31	11.84	31.02	100	19	P	H
	*	5720	100.4	-	-	87.27	32.31	11.84	31.02	100	19	A	H
													H
													H
													H
													H
	*	5720	112.91	-	-	99.78	32.31	11.84	31.02	116	104	P	V
	*	5720	104.19	-	-	91.06	32.31	11.84	31.02	116	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 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	54.05	-19.95	74	46.46	41.43	23.06	56.9	230	28	P	H
		17160	43.4	-10.6	54	35.81	41.43	23.06	56.9	230	28	A	H
													H
		11440	45.16	-28.84	74	44.37	40.14	18.36	57.71	100	0	P	V
		17160	50.14	-23.86	74	42.55	41.43	23.06	56.9	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 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	105.73	-	-	92.62	32.29	11.84	31.02	100	19	P	H
	*	5710	95.83	-	-	82.72	32.29	11.84	31.02	100	19	A	H
													H
													H
													H
													H
	*	5710	107.56	-	-	94.45	32.29	11.84	31.02	122	103	P	V
	*	5710	98.28	-	-	85.17	32.29	11.84	31.02	122	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 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	45.8	-28.2	74	45.02	40.15	18.31	57.68	100	0	P	H
		17130	47.76	-26.24	74	40.19	41.33	23.02	56.78	100	0	P	H
													H
													H
		11420	45.57	-28.43	74	44.79	40.15	18.31	57.68	100	0	P	V
		17130	46.63	-27.37	74	39.06	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	102.25	-	-	89.17	32.27	11.82	31.01	100	19	P	H
	*	5690	92.97	-	-	79.89	32.27	11.82	31.01	100	19	A	H
													H
													H
													H
													H
	*	5690	104.15	-	-	91.07	32.27	11.82	31.01	128	103	P	V
	*	5690	95.06	-	-	81.98	32.27	11.82	31.01	128	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		11380	45.92	-28.08	74	45.12	40.17	18.27	57.64	100	0	P	H
		17070	47.29	-26.71	74	39.73	41.11	22.99	56.54	100	0	P	H
													H
													H
		11380	45.76	-28.24	74	44.96	40.17	18.27	57.64	100	0	P	V
		17070	46.82	-27.18	74	39.26	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 VHT80 (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”.