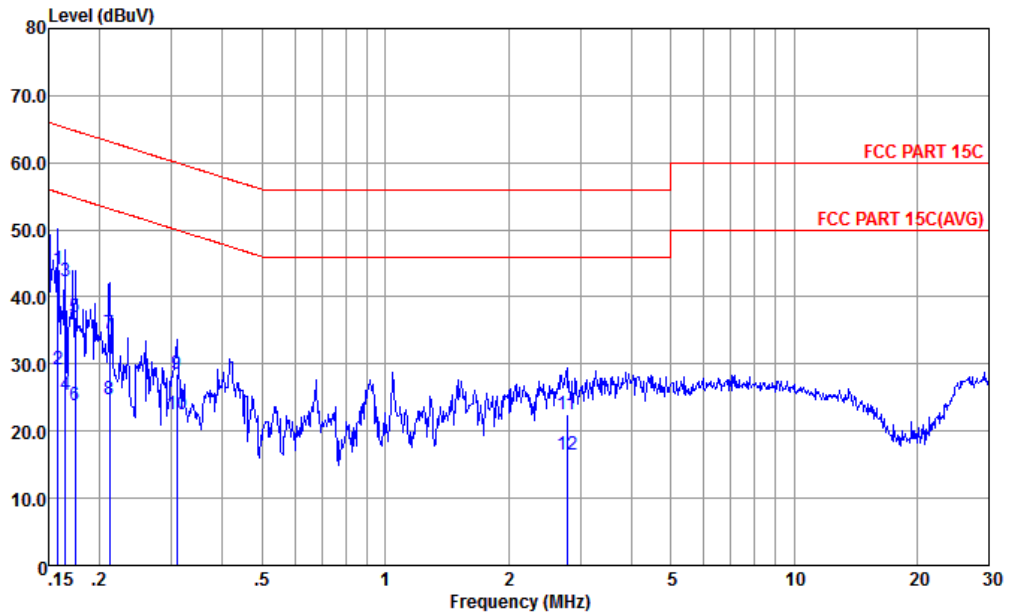




Appendix B. AC Conducted Emission Test Results

Test Engineer :	Amos Zhang	Temperature :	24.2~25.6°C
		Relative Humidity :	37~39%
Test Voltage :	120Vac / 60Hz	Phase :	Line
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		

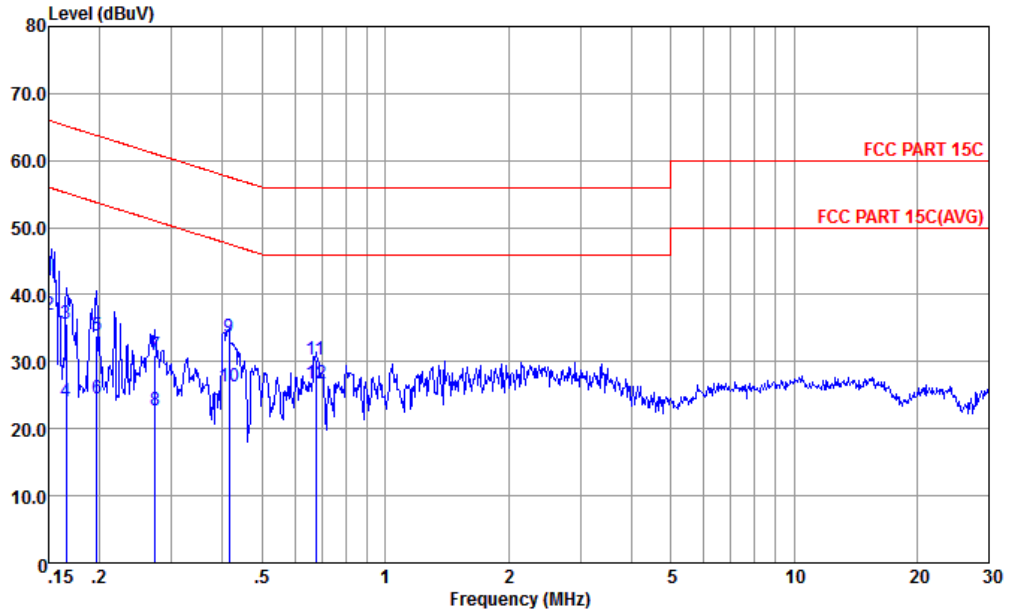


Site : CO01-KS
 Condition : FCC PART 15C LISN-060105-L LINE

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
			dB	dBuV	dBuV	dB	dB	
1 *	0.158	44.08	-21.48	65.56	33.60	0.02	10.46	QP
2	0.158	29.08	-26.48	55.56	18.60	0.02	10.46	Average
3	0.165	42.27	-22.94	65.21	31.80	0.03	10.44	QP
4	0.165	25.37	-29.84	55.21	14.90	0.03	10.44	Average
5	0.174	36.95	-27.82	64.77	26.50	0.03	10.42	QP
6	0.174	23.95	-30.82	54.77	13.50	0.03	10.42	Average
7	0.212	34.60	-28.54	63.14	24.20	0.04	10.36	QP
8	0.212	24.70	-28.44	53.14	14.30	0.04	10.36	Average
9	0.308	28.57	-31.45	60.02	18.20	0.07	10.30	QP
10	0.308	22.57	-27.45	50.02	12.20	0.07	10.30	Average
11	2.779	22.59	-33.41	56.00	12.20	0.15	10.24	QP
12	2.779	16.59	-29.41	46.00	6.20	0.15	10.24	Average



Test Engineer :	Amos Zhang	Temperature :	24.2~25.6°C
		Relative Humidity :	37~39%
Test Voltage :	120Vac / 60Hz	Phase :	Neutral
Remark :	All emissions not reported here are more than 10 dB below the prescribed limit.		



Site : CO01-KS
 Condition : FCC PART 15C LISN-060105-N NEUTRAL

	Freq	Level	Over	Limit	Read	LISN	Cable	Remark
	MHz	dBuV	Limit	Line	Level	Factor	Loss	
			dB	dBuV	dBuV	dB	dB	
1	0.150	42.89	-23.11	66.00	32.30	0.11	10.48	QP
2 *	0.150	36.89	-19.11	56.00	26.30	0.11	10.48	Average
3	0.166	35.75	-29.41	65.16	25.20	0.11	10.44	QP
4	0.166	24.15	-31.01	55.16	13.60	0.11	10.44	Average
5	0.197	33.97	-29.79	63.76	23.50	0.10	10.37	QP
6	0.197	24.57	-29.19	53.76	14.10	0.10	10.37	Average
7	0.273	31.02	-30.01	61.03	20.60	0.10	10.32	QP
8	0.273	22.62	-28.41	51.03	12.20	0.10	10.32	Average
9	0.415	33.67	-23.88	57.55	23.30	0.11	10.26	QP
10	0.415	26.27	-21.28	47.55	15.90	0.11	10.26	Average
11	0.675	30.25	-25.75	56.00	19.90	0.11	10.24	QP
12	0.675	26.65	-19.35	46.00	16.30	0.11	10.24	Average

Note:

- Level(dBμV) = Read Level(dBμV) + LISN Factor(dB) + Cable Loss(dB)
- Over Limit(dB) = Level(dBμV) – Limit Line(dBμV)



Appendix C. Radiated Spurious Emission

2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2387.87	56.01	-17.99	74	50.28	32	6.61	32.88	298	183	P	H
		2386.18	45.73	-8.27	54	40	32	6.61	32.88	298	183	A	H
	*	2412	110.92	-	-	105.06	32.07	6.63	32.84	298	183	P	H
	*	2410	107.56	-	-	101.7	32.07	6.63	32.84	298	183	A	H
		2385.4	56.77	-17.23	74	51.14	31.93	6.58	32.88	295	122	P	V
		2386.05	46.48	-7.52	54	40.75	32	6.61	32.88	295	122	A	V
	*	2412	111.96	-	-	106.1	32.07	6.63	32.84	295	122	P	V
	*	2410	108.48	-	-	102.62	32.07	6.63	32.84	295	122	A	V
802.11b CH 06 2437MHz		2365.64	56.45	-17.55	74	49.82	32.41	7.1	32.88	296	286	P	H
		2388.39	44.35	-9.65	54	37.61	32.46	7.16	32.88	296	286	A	H
		2486.26	55.93	-18.07	74	48.72	32.58	7.27	32.64	296	286	P	H
		2488.96	44.85	-9.15	54	37.59	32.6	7.3	32.64	296	286	A	H
	*	2436	112.03	-	-	105.1	32.5	7.2	32.77	296	286	P	H
	*	2436	108.82	-	-	101.89	32.5	7.2	32.77	296	286	A	H
		2360.18	55.79	-18.21	74	49.2	32.41	7.1	32.92	100	282	P	V
		2388.52	44.46	-9.54	54	37.72	32.46	7.16	32.88	100	282	A	V
		2487.46	55.89	-18.11	74	48.68	32.58	7.27	32.64	100	282	P	V
		2491.72	44.92	-9.08	54	37.66	32.6	7.3	32.64	100	282	A	V
	*	2436	113.49	-	-	106.56	32.5	7.2	32.77	100	282	P	V
*	2436	110.16	-	-	103.23	32.5	7.2	32.77	100	282	A	V	



802.11b CH 11 2462MHz		2487.82	57.16	-16.84	74	50.85	32.2	6.75	32.64	126	186	P	H
		2488.12	46.51	-7.49	54	40.2	32.2	6.75	32.64	126	186	A	H
	*	2462	111.04	-	-	104.85	32.2	6.7	32.71	126	186	P	H
	*	2464	107.9	-	-	101.71	32.2	6.7	32.71	126	186	A	H
		2488.48	56.59	-17.41	74	50.28	32.2	6.75	32.64	285	118	P	V
		2487.94	46.64	-7.36	54	40.33	32.2	6.75	32.64	285	118	A	V
	*	2462	110.53	-	-	104.34	32.2	6.7	32.71	285	118	P	V
	*	2464	107.43	-	-	101.24	32.2	6.7	32.71	285	118	A	V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 												



2.4GHz 2400~2483.5MHz
WIFI 802.11b (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 1, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for CH 01 (2412MHz), CH 06 (2437MHz), and CH 11 (2462MHz).



2.4GHz 2400~2483.5MHz

WIFI 802.11b (Band Edge @ 3m)

WIFI	Note	Frequency	Level	Over	Limit	Read	Antenna	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b CH 01 2412MHz		2385.66	55.75	-18.25	74	50.02	32	6.61	32.88	233	256	P	H
		2386.05	45.89	-8.11	54	40.16	32	6.61	32.88	233	256	A	H
	*	2412	110.92	-	-	105.06	32.07	6.63	32.84	233	256	P	H
	*	2414	107.77	-	-	101.91	32.07	6.63	32.84	233	256	A	H
		2386.57	56.95	-17.05	74	51.22	32	6.61	32.88	200	268	P	V
		2386.31	46.61	-7.39	54	40.88	32	6.61	32.88	200	268	A	V
	*	2412	111.28	-	-	105.42	32.07	6.63	32.84	200	268	P	V
	*	2412	108.04	-	-	102.18	32.07	6.63	32.84	200	268	A	V
802.11b CH 06 2437MHz		2325.34	55.28	-18.72	74	48.84	32.36	7.04	32.96	107	237	P	H
		2389.69	44.39	-9.61	54	37.65	32.46	7.16	32.88	107	237	A	H
		2489.98	56.67	-17.33	74	49.41	32.6	7.3	32.64	107	237	P	H
		2489.68	44.88	-9.12	54	37.62	32.6	7.3	32.64	107	237	A	H
	*	2436	112.93	-	-	106	32.5	7.2	32.77	107	237	P	H
	*	2436	109.72	-	-	102.79	32.5	7.2	32.77	107	237	A	H
		2388.39	55.6	-18.4	74	48.86	32.46	7.16	32.88	200	330	P	V
		2389.43	44.42	-9.58	54	37.68	32.46	7.16	32.88	200	330	A	V
		2486.2	56.9	-17.1	74	49.69	32.58	7.27	32.64	200	330	P	V
		2488.96	44.92	-9.08	54	37.66	32.6	7.3	32.64	200	330	A	V
	*	2438	113.7	-	-	106.71	32.53	7.23	32.77	200	330	P	V
	*	2438	110.47	-	-	103.48	32.53	7.23	32.77	200	330	A	V



802.11b CH 11 2462MHz		2488.24	57.32	-16.68	74	51.01	32.2	6.75	32.64	145	280	P	H
		2487.88	47.21	-6.79	54	40.9	32.2	6.75	32.64	145	280	A	H
	*	2462	111.93	-	-	105.74	32.2	6.7	32.71	145	280	P	H
	*	2464	108.72	-	-	102.53	32.2	6.7	32.71	145	280	A	H
		2490.1	56.64	-17.36	74	50.33	32.2	6.75	32.64	100	272	P	V
		2487.94	46.46	-7.54	54	40.15	32.2	6.75	32.64	100	272	A	V
	*	2462	109.93	-	-	103.74	32.2	6.7	32.71	100	272	P	V
	*	2462	106.71	-	-	100.52	32.2	6.7	32.71	100	272	A	V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 												



2.4GHz 2400~2483.5MHz
WIFI 802.11b (Harmonic @ 3m)

Table with 14 columns: WIFI Ant. 2, Note, Frequency (MHz), Level (dBµV/m), Over Limit (dB), Limit Line (dBµV/m), Read Level (dBµV), Antenna Factor (dB/m), Path Loss (dB), Preamp Factor (dB), Ant Pos (cm), Table Pos (deg), Peak Avg. (P/A), Pol. (H/V). Rows include data for CH 01 (2412MHz), CH 06 (2437MHz), and CH 11 (2462MHz).



**2.4GHz 2400~2483.5MHz
WIFI 802.11g (Band Edge @ 3m)**

WIFI Ant. CDD 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		2386.44	63.4	-10.6	74	57.67	32	6.61	32.88	342	283	P	H
		2389.95	47.71	-6.29	54	41.94	32	6.61	32.84	342	283	A	H
	*	2412	112.1	-	-	106.24	32.07	6.63	32.84	342	283	P	H
	*	2406	103.99	-	-	98.13	32.07	6.63	32.84	342	283	A	H
	!	2389.69	68.63	-5.37	74	62.9	32	6.61	32.88	234	238	P	V
	!	2389.95	50.9	-3.1	54	45.13	32	6.61	32.84	234	238	A	V
	*	2410	114.78	-	-	108.92	32.07	6.63	32.84	234	238	P	V
	*	2410	106.81	-	-	100.95	32.07	6.63	32.84	234	238	A	V
802.11g CH 06 2437MHz		2389.82	56.46	-17.54	74	49.68	32.46	7.16	32.84	100	85	P	H
		2389.82	45.3	-8.7	54	38.52	32.46	7.16	32.84	100	85	A	H
		2490.34	56.67	-17.33	74	49.41	32.6	7.3	32.64	100	85	P	H
		2483.62	45.36	-8.64	54	38.15	32.58	7.27	32.64	100	85	A	H
	*	2440	116.3	-	-	109.31	32.53	7.23	32.77	100	85	P	H
	*	2440	108.7	-	-	101.71	32.53	7.23	32.77	100	85	A	H
		2388.65	58.01	-15.99	74	51.27	32.46	7.16	32.88	138	81	P	V
		2389.95	45.93	-8.07	54	39.15	32.46	7.16	32.84	138	81	A	V
		2485.72	59.11	-14.89	74	51.9	32.58	7.27	32.64	138	81	P	V
		2483.98	46.12	-7.88	54	38.91	32.58	7.27	32.64	138	81	A	V
	*	2432	118.84	-	-	111.91	32.5	7.2	32.77	138	81	P	V
	*	2436	111.39	-	-	104.46	32.5	7.2	32.77	138	81	A	V



802.11g CH 11 2462MHz		2483.56	59.82	-14.18	74	53.53	32.2	6.73	32.64	317	266	P	H
		2483.5	47.58	-6.42	54	41.29	32.2	6.73	32.64	317	266	A	H
	*	2458	110.64	-	-	104.45	32.2	6.7	32.71	317	266	P	H
	*	2458	102.29	-	-	96.1	32.2	6.7	32.71	317	266	A	H
		2483.98	61.29	-12.71	74	55	32.2	6.73	32.64	100	284	P	V
		2483.5	47.37	-6.63	54	41.08	32.2	6.73	32.64	100	284	A	V
	*	2458	110.74	-	-	104.55	32.2	6.7	32.71	100	284	P	V
	*	2456	102.49	-	-	96.3	32.2	6.7	32.71	100	284	A	V
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 												



WIFI Ant. CDD 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 02 2417MHz		2389.95	63.73	-10.27	74	57.96	32	6.61	32.84	227	272	P	H
		2389.95	45.88	-8.12	54	40.11	32	6.61	32.84	227	272	A	H
	*	2416	112.12	-	-	106.19	32.07	6.63	32.77	227	272	P	H
	*	2422	104.35	-	-	98.33	32.13	6.66	32.77	227	272	A	H
	!	2389.04	67.11	-6.89	74	61.38	32	6.61	32.88	189	237	P	V
	!	2389.3	48.01	-5.99	54	42.28	32	6.61	32.88	189	237	A	V
	*	2414	113.91	-	-	108.05	32.07	6.63	32.84	189	237	P	V
	*	2420	106.59	-	-	100.57	32.13	6.66	32.77	189	239	A	V
802.11g CH 03 2422MHz		2387.61	61.18	-12.82	74	55.45	32	6.61	32.88	227	280	P	H
		2389.69	46.62	-7.38	54	40.89	32	6.61	32.88	227	280	A	H
		2422	115.22	-	-	109.2	32.13	6.66	32.77	227	280	P	H
		2422	107.23	-	-	101.21	32.13	6.66	32.77	227	280	A	H
		2389.69	66.55	-7.45	74	60.82	32	6.61	32.88	184	236	P	V
		2389.56	49.7	-4.3	54	43.97	32	6.61	32.88	184	236	A	V
		2420	116.63	-	-	110.61	32.13	6.66	32.77	184	236	P	V
802.11g CH 08 2447MHz		2374.87	55.47	-18.53	74	49.84	31.93	6.58	32.88	196	45	P	H
		2389.82	43.91	-10.09	54	38.14	32	6.61	32.84	196	45	A	H
	*	2484.64	64.94	-9.06	74	58.65	32.2	6.73	32.64	196	45	P	H
	*	2484.16	46.6	-7.4	54	40.31	32.2	6.73	32.64	196	45	A	H
		2446	115.04	-	-	108.87	32.2	6.68	32.71	196	45	P	H
		2446	107.5	-	-	101.33	32.2	6.68	32.71	196	45	A	H
		2350.82	55.13	-18.87	74	49.72	31.8	6.53	32.92	130	19	P	V
		2388.52	44.21	-9.79	54	38.48	32	6.61	32.88	130	19	A	V
	*	2483.62	67.52	-6.48	74	61.23	32.2	6.73	32.64	130	19	P	V
	*	2483.68	47.54	-6.46	54	41.25	32.2	6.73	32.64	130	19	A	V
		2444	116.06	-	-	109.89	32.2	6.68	32.71	130	19	P	V
	2444	108.5	-	-	102.33	32.2	6.68	32.71	130	19	A	V	



802.11g CH 09 2452MHz		2484.34	68.89	-5.11	74	62.6	32.2	6.73	32.64	132	232	P	H
		2483.56	49.38	-4.62	54	43.09	32.2	6.73	32.64	132	232	A	H
	*	2454	114.11	-	-	107.92	32.2	6.7	32.71	132	232	P	H
	*	2454	106.52	-	-	100.33	32.2	6.7	32.71	132	232	A	H
		2484.04	70.45	-3.55	74	64.16	32.2	6.73	32.64	166	232	P	V
		2485	49.64	-4.36	54	43.35	32.2	6.73	32.64	166	232	A	V
	*	2452	116.64	-	-	110.47	32.2	6.68	32.71	166	232	P	V
	*	2450	109.04	-	-	102.87	32.2	6.68	32.71	166	232	A	V
802.11g CH 10 2457MHz		2484.64	62.2	-11.8	74	55.91	32.2	6.73	32.64	272	276	P	H
		2484.88	46.11	-7.89	54	39.82	32.2	6.73	32.64	272	276	A	H
	*	2462	110.52	-	-	104.33	32.2	6.7	32.71	272	276	P	H
	*	2462	103.19	-	-	97	32.2	6.7	32.71	272	276	A	H
		2484.82	61.78	-12.22	74	55.49	32.2	6.73	32.64	124	272	P	V
		2485.36	44.8	-9.2	54	38.51	32.2	6.73	32.64	124	272	A	V
	*	2460	111.05	-	-	104.86	32.2	6.7	32.71	124	272	P	V
	*	2460	103	-	-	96.81	32.2	6.7	32.71	124	272	A	V



**2.4GHz 2400~2483.5MHz
WIFI 802.11g (Harmonic @ 3m)**

WIFI Ant. CDD 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 01 2412MHz		4830	40.57	-33.43	74	58.81	34.1	9.47	61.81	300	0	P	H
		4830	39.04	-34.96	74	57.28	34.1	9.47	61.81	100	0	P	V
802.11g CH 06 2437MHz		4875	41.91	-32.09	74	60.23	33.93	9.52	61.77	300	0	P	H
		7305	47.79	-26.21	74	62.56	35.6	11.69	62.06	300	0	P	H
		4875	40.39	-33.61	74	58.71	33.93	9.52	61.77	100	0	P	V
		7305	49.53	-24.47	74	64.3	35.6	11.69	62.06	100	0	P	V
802.11g CH 11 2462MHz		4920	42.28	-31.72	74	59.07	34.56	10.39	61.74	300	0	P	H
		7380	43.04	-30.96	74	56.39	35.9	12.81	62.06	300	0	P	H
		4920	41.06	-32.94	74	57.85	34.56	10.39	61.74	100	0	P	V
		7380	43.26	-30.74	74	56.61	35.9	12.81	62.06	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**2.4GHz 2400~2483.5MHz
WIFI 802.11g (Harmonic @ 3m)**

WIFI Ant. CDD 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11g CH 02 2417MHz		4830	40.87	-33.13	74	59.11	34.1	9.47	61.81	300	0	P	H
		7245	45.11	-28.89	74	59.9	35.6	11.66	62.05	300	0	P	H
		4830	42.34	-31.66	74	60.58	34.1	9.47	61.81	100	0	P	V
		7245	43.85	-30.15	74	58.64	35.6	11.66	62.05	100	0	P	V
802.11g CH 03 2422MHz		4845	41.04	-32.96	74	59.34	34	9.49	61.79	300	0	P	H
		7260	49.13	-24.87	74	63.91	35.6	11.67	62.05	300	0	P	H
		4845	41.51	-32.49	74	59.81	34	9.49	61.79	100	0	P	V
		7260	49.32	-24.68	74	64.1	35.6	11.67	62.05	100	0	P	V
802.11g CH 08 2447MHz		4890	41.85	-32.15	74	60.17	33.9	9.54	61.76	300	0	P	H
		7335	48.4	-25.6	74	63.12	35.64	11.7	62.06	300	0	P	H
		4890	43.16	-30.84	74	61.48	33.9	9.54	61.76	100	0	P	V
		7335	47.86	-26.14	74	62.58	35.64	11.7	62.06	100	0	P	V
802.11g CH 09 2452MHz		4905	41.67	-32.33	74	59.96	33.9	9.56	61.75	300	0	P	H
		7350	47.2	-26.8	74	61.89	35.66	11.71	62.06	300	0	P	H
		4905	43.78	-30.22	74	62.07	33.9	9.56	61.75	100	0	P	V
		7350	49.23	-24.77	74	63.92	35.66	11.71	62.06	308	330	P	V
		7350	39.02	-14.98	54	53.71	35.66	11.71	62.06	308	330	A	V
802.11g CH 10 2457MHz		4920	41.51	-32.49	74	59.77	33.9	9.58	61.74	300	0	P	H
		7365	44.94	-29.06	74	59.63	35.66	11.71	62.06	300	0	P	H
		4920	42.54	-31.46	74	60.8	33.9	9.58	61.74	100	0	P	V
		7365	44.36	-29.64	74	59.05	35.66	11.71	62.06	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



**2.4GHz 2400~2483.5MHz
WIFI 802.11 ax HE20 Full (Band Edge @ 3m)**

WIFI Ant. CDD 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 01 2412MHz		2388.65	62.16	-11.84	74	56.43	32	6.61	32.88	299	283	P	H
		2389.95	47.21	-6.79	54	41.44	32	6.61	32.84	299	283	A	H
	*	2414	110.03	-	-	104.17	32.07	6.63	32.84	299	283	P	H
	*	2410	99.54	-	-	93.68	32.07	6.63	32.84	299	283	A	H
		2388.91	67.6	-6.4	74	61.87	32	6.61	32.88	233	238	P	V
		2389.95	50.27	-3.73	54	44.5	32	6.61	32.84	233	238	A	V
	*	2412	112.82	-	-	106.96	32.07	6.63	32.84	233	238	P	V
	*	2410	102.55	-	-	96.69	32.07	6.63	32.84	233	238	A	V
802.11ax HE20 Full CH 06 2437MHz		2389.69	56.32	-17.68	74	49.58	32.46	7.16	32.88	103	167	P	H
		2389.95	44.92	-9.08	54	38.14	32.46	7.16	32.84	103	167	A	H
		2486.32	60.59	-13.41	74	53.38	32.58	7.27	32.64	103	167	P	H
		2483.5	45.67	-8.33	54	38.46	32.58	7.27	32.64	103	167	A	H
	*	2442	115.27	-	-	108.22	32.53	7.23	32.71	103	167	P	H
	*	2438	105.68	-	-	98.69	32.53	7.23	32.77	103	167	A	H
		2389.43	59.71	-14.29	74	52.97	32.46	7.16	32.88	132	78	P	V
		2389.95	45.92	-8.08	54	39.14	32.46	7.16	32.84	132	78	A	V
		2484.4	60.9	-13.1	74	53.69	32.58	7.27	32.64	132	78	P	V
		2483.5	46.3	-7.7	54	39.09	32.58	7.27	32.64	132	78	A	V
	*	2440	117.59	-	-	110.6	32.53	7.23	32.77	132	78	P	V
	*	2434	107.25	-	-	100.32	32.5	7.2	32.77	132	78	A	V
8802.11ax HE20 Full CH 11 2462MHz		2484.46	63.75	-10.25	74	57.46	32.2	6.73	32.64	317	267	P	H
		2483.5	48.9	-5.1	54	42.61	32.2	6.73	32.64	317	267	A	H
	*	2464	109.75	-	-	103.56	32.2	6.7	32.71	317	267	P	H
	*	2460	99.12	-	-	92.93	32.2	6.7	32.71	317	267	A	H
		2485.18	66.61	-7.39	74	60.32	32.2	6.73	32.64	225	244	P	V
		2483.5	50.92	-3.08	54	44.63	32.2	6.73	32.64	225	244	A	V
	*	2466	111.08	-	-	104.89	32.2	6.7	32.71	225	244	P	V
	*	2466	100.68	-	-	94.49	32.2	6.7	32.71	225	244	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. CDD 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 02 2417MHz		2388.91	63.44	-10.56	74	57.71	32	6.61	32.88	226	278	P	H
		2389.95	47.24	-6.76	54	41.47	32	6.61	32.84	226	278	A	H
		2412	111.14	-	-	105.28	32.07	6.63	32.84	226	278	P	H
		2418	101.22	-	-	95.29	32.07	6.63	32.77	226	278	A	H
		2389.69	64.92	-9.08	74	59.19	32	6.61	32.88	147	234	P	V
		2389.95	50	-4	54	44.23	32	6.61	32.84	147	234	A	V
		2416	114.01	-	-	108.08	32.07	6.63	32.77	147	234	P	V
802.11ax HE20 Full CH 03 2422MHz		2414	104.25	-	-	98.39	32.07	6.63	32.84	147	234	A	V
		2389.56	64.76	-9.24	74	59.03	32	6.61	32.88	148	46	P	H
		2389.95	50.19	-3.81	54	44.42	32	6.61	32.84	148	46	A	H
		2430	113.86	-	-	107.84	32.13	6.66	32.77	148	46	P	H
		2424	104.53	-	-	98.51	32.13	6.66	32.77	148	46	A	H
		2389.3	65.83	-8.17	74	60.1	32	6.61	32.88	127	139	P	V
		2389.95	50.73	-3.27	54	44.96	32	6.61	32.84	127	139	A	V
802.11ax HE20 Full CH 08 2447MHz		2418	115.3	-	-	109.37	32.07	6.63	32.77	127	139	P	V
		2420	106.22	-	-	100.2	32.13	6.66	32.77	127	139	A	V
		2385.14	55.16	-18.84	74	49.53	31.93	6.58	32.88	143	48	P	H
		2388.78	44.06	-9.94	54	38.33	32	6.61	32.88	143	48	A	H
		2483.8	67.06	-6.94	74	60.77	32.2	6.73	32.64	143	48	P	H
		2483.5	49.23	-4.77	54	42.94	32.2	6.73	32.64	143	48	A	H
		2446	115.5	-	-	109.33	32.2	6.68	32.71	143	48	P	H
		2446	104.91	-	-	98.74	32.2	6.68	32.71	143	48	A	H
		2386.7	55.83	-18.17	74	50.1	32	6.61	32.88	212	62	P	V
		2389.95	44.46	-9.54	54	38.69	32	6.61	32.84	212	62	A	V
		2484.16	67.52	-6.48	74	61.23	32.2	6.73	32.64	212	62	P	V
		2483.5	50.5	-3.5	54	44.21	32.2	6.73	32.64	212	62	A	V
	2442	116.02	-	-	109.85	32.2	6.68	32.71	212	62	P	V	
	2444	105.94	-	-	99.77	32.2	6.68	32.71	212	62	A	V	



802.11ax HE20 Full CH 09 2452MHz		2386.05	55.33	-18.67	74	49.6	32	6.61	32.88	199	43	P	H
		2388.91	43.82	-10.18	54	38.09	32	6.61	32.88	199	43	A	H
		2484.46	64.34	-9.66	74	58.05	32.2	6.73	32.64	199	43	P	H
		2483.5	48.53	-5.47	54	42.24	32.2	6.73	32.64	199	43	A	H
		2448	113.03	-	-	106.86	32.2	6.68	32.71	199	43	P	H
		2446	102.72	-	-	96.55	32.2	6.68	32.71	199	43	A	H
		2357.19	55.39	-18.61	74	49.88	31.87	6.56	32.92	174	65	P	V
		2389.3	44.03	-9.97	54	38.3	32	6.61	32.88	174	65	A	V
		2484.22	69.81	-4.19	74	63.52	32.2	6.73	32.64	174	65	P	V
		2483.5	50.58	-3.42	54	44.29	32.2	6.73	32.64	174	65	A	V
		2454	114.58	-	-	108.39	32.2	6.7	32.71	174	65	P	V
		2456	103.92	-	-	97.73	32.2	6.7	32.71	174	65	A	V
802.11ax HE20 Full CH 10 2457MHz		2484.16	64.29	-9.71	74	58	32.2	6.73	32.64	225	264	P	H
		2483.5	48.28	-5.72	54	41.99	32.2	6.73	32.64	225	264	A	H
		2452	110.87	-	-	104.7	32.2	6.68	32.71	225	264	P	H
		2462	100.64	-	-	94.45	32.2	6.7	32.71	225	264	A	H
		2484.76	64.32	-9.68	74	58.03	32.2	6.73	32.64	195	235	P	V
		2483.5	49.14	-4.86	54	42.85	32.2	6.73	32.64	195	235	A	V
		2458	112.62	-	-	106.43	32.2	6.7	32.71	195	235	P	V
	2456	102.38	-	-	96.19	32.2	6.7	32.71	195	235	A	V	
Remark	<ol style="list-style-type: none"> No other spurious found. All results are PASS against Peak and Average limit line. 												



2.4GHz 2400~2483.5MHz

WIFI 802.11 ax HE20 Full (Harmonic @ 3m)

WIFI Ant. CDD 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Full CH 01 2412MHz		4830	42.44	-31.56	74	59.35	34.64	10.26	61.81	300	0	P	H
		4830	41.15	-32.85	74	58.06	34.64	10.26	61.81	100	0	P	V
802.11ax HE20 Full CH 06 2437MHz		4875	42.44	-31.56	74	59.29	34.6	10.32	61.77	300	0	P	H
		7305	43.14	-30.86	74	56.55	35.9	12.75	62.06	300	0	P	H
		4875	41.7	-32.3	74	58.55	34.6	10.32	61.77	100	0	P	V
		7305	43.35	-30.65	74	56.76	35.9	12.75	62.06	100	0	P	V
802.11ax HE20 Full CH 11 2462MHz		4920	42.4	-31.6	74	60.66	33.9	9.58	61.74	300	0	P	H
		7380	43.02	-30.98	74	57.69	35.68	11.71	62.06	300	0	P	H
		4920	41.2	-32.8	74	59.46	33.9	9.58	61.74	100	0	P	V
		7380	42.56	-31.44	74	57.23	35.68	11.71	62.06	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



WIFI Ant. CDD 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax		4830	41.38	-32.62	74	59.62	34.1	9.47	61.81	300	0	P	H
HE20 Full		7245	47.49	-26.51	74	62.28	35.6	11.66	62.05	300	0	P	H
CH 02		4830	41.57	-32.43	74	59.81	34.1	9.47	61.81	100	0	P	V
2417MHz		7245	47.68	-26.32	74	62.47	35.6	11.66	62.05	100	0	P	V
802.11ax		4845	41.61	-32.39	74	59.91	34	9.49	61.79	300	0	P	H
HE20 Full		7260	46.26	-27.74	74	61.04	35.6	11.67	62.05	300	0	P	H
CH 03		4845	41.33	-32.67	74	59.63	34	9.49	61.79	100	0	P	V
2422MHz		7260	47.76	-26.24	74	62.54	35.6	11.67	62.05	100	0	P	V
802.11ax		4890	41.85	-32.15	74	60.17	33.9	9.54	61.76	300	0	P	H
HE20 Full		7335	46.74	-27.26	74	61.46	35.64	11.7	62.06	300	0	P	H
CH 08		4890	41.96	-32.04	74	60.28	33.9	9.54	61.76	100	0	P	V
2447MHz		7335	48.66	-25.34	74	63.38	35.64	11.7	62.06	100	0	P	V
802.11ax		4905	41.64	-32.36	74	59.93	33.9	9.56	61.75	300	0	P	H
HE20 Full		7350	44.59	-29.41	74	59.28	35.66	11.71	62.06	300	0	P	H
CH 09		4905	42.03	-31.97	74	60.32	33.9	9.56	61.75	100	0	P	V
2452MHz		7350	45.05	-28.95	74	59.74	35.66	11.71	62.06	100	0	P	V
802.11ax		4920	41.37	-32.63	74	59.63	33.9	9.58	61.74	300	0	P	H
HE20 Full		7365	48.44	-25.56	74	63.13	35.66	11.71	62.06	300	0	P	H
CH 10		4920	40.78	-33.22	74	59.04	33.9	9.58	61.74	100	0	P	V
2457MHz		7365	45.91	-28.09	74	60.6	35.66	11.71	62.06	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial RU_26 Tone(Band Edge @ 3m)

WIFI Ant. CDD 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 01 2412MHz		2389.3	68.01	-5.99	74	62.28	32	6.61	32.88	235	274	P	H
		2388.52	47.9	-6.1	54	42.17	32	6.61	32.88	235	274	A	H
		2404	118.09	-	-	112.23	32.07	6.63	32.84	235	274	P	H
		2404	108.99	-	-	103.13	32.07	6.63	32.84	235	274	A	H
		2386.31	65.31	-8.69	74	59.58	32	6.61	32.88	185	300	P	V
		2389.82	49.15	-4.85	54	43.38	32	6.61	32.84	185	300	A	V
		2404	120.45	-	-	114.59	32.07	6.63	32.84	185	300	P	V
		2404	111.48	-	-	105.62	32.07	6.63	32.84	185	300	A	V
802.11ax HE20 Partial 26/8 CH 11 2462MHz		2484.1	69.08	-4.92	74	62.79	32.2	6.73	32.64	100	50	P	H
		2483.5	45.49	-8.51	54	39.2	32.2	6.73	32.64	100	50	A	H
		2470	118.94	-	-	112.68	32.2	6.7	32.64	100	50	P	H
		2470	109.91	-	-	103.65	32.2	6.7	32.64	100	50	A	H
		2485.3	70.14	-3.86	74	63.85	32.2	6.73	32.64	149	25	P	V
		2483.56	50.02	-3.98	54	43.73	32.2	6.73	32.64	149	25	A	V
		2470	121.05	-	-	114.79	32.2	6.7	32.64	149	25	P	V
		2470	111.79	-	-	105.53	32.2	6.7	32.64	149	25	A	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial RU_26 Tone (Harmonic @ 3m)

WIFI Ant. CDD 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 26/0 CH 01 2412MHz		4830	40.15	-33.85	74	57.06	34.64	10.26	61.81	300	0	P	H
		4830	40.43	-33.57	74	57.34	34.64	10.26	61.81	100	0	P	V
802.11ax HE20 Partial 26/8 CH 11 2462MHz		4920	40.17	-33.83	74	58.43	33.9	9.58	61.74	300	0	P	H
		7380	42.34	-31.66	74	57.01	35.68	11.71	62.06	300	0	P	H
		4920	41.44	-32.56	74	59.7	33.9	9.58	61.74	100	0	P	V
		7380	42.51	-31.49	74	57.18	35.68	11.71	62.06	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial RU_52 Tone (Band Edge @ 3m)

WIFI Ant. CDD 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/37 CH 01 2412MHz		2387.61	63.82	-10.18	74	58.09	32	6.61	32.88	240	280	P	H
		2389.3	49.55	-4.45	54	43.82	32	6.61	32.88	240	280	A	H
		2404	117.98	-	-	112.12	32.07	6.63	32.84	240	280	P	H
		2406	108.88	-	-	103.02	32.07	6.63	32.84	240	280	A	H
		2389.82	66.96	-7.04	74	61.19	32	6.61	32.84	198	237	P	V
		2389.95	50.12	-3.88	54	44.35	32	6.61	32.84	198	237	A	V
		2404	121.28	-	-	115.42	32.07	6.63	32.84	198	237	P	V
	2404	111.95	-	-	106.09	32.07	6.63	32.84	198	237	A	V	
802.11ax HE20 Partial 52/40 CH 11 2462MHz		2486.32	67.92	-6.08	74	61.63	32.2	6.73	32.64	245	271	P	H
		2485.36	45.93	-8.07	54	39.64	32.2	6.73	32.64	245	271	A	H
		2470	119.01	-	-	112.75	32.2	6.7	32.64	245	271	P	H
		2468	109.73	-	-	103.47	32.2	6.7	32.64	245	271	A	H
		2484.34	70.05	-3.95	74	63.76	32.2	6.73	32.64	215	239	P	V
		2484.04	46.53	-7.47	54	40.24	32.2	6.73	32.64	215	239	A	V
		2470	119.76	-	-	113.5	32.2	6.7	32.64	215	239	P	V
	2468	110.8	-	-	104.54	32.2	6.7	32.64	215	239	A	V	



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial RU_52 Tone (Harmonic @ 3m)

WIFI Ant. CDD 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 52/37 CH 01 2412MHz		4830	39.75	-34.25	74	56.66	34.64	10.26	61.81	300	0	P	H
		4830	40.27	-33.73	74	57.18	34.64	10.26	61.81	100	0	P	V
802.11ax HE20 Partial 52/40 CH 11 2462MHz		4920	42.23	-31.77	74	59.02	34.56	10.39	61.74	300	0	P	H
		7380	43.42	-30.58	74	56.77	35.9	12.81	62.06	300	0	P	H
		4920	42	-32	74	58.79	34.56	10.39	61.74	100	0	P	V
		7380	43.57	-30.43	74	56.92	35.9	12.81	62.06	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial RU_106 Tone (Band Edge @ 3m)

WIFI Ant. CDD 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial 106/53 CH 01 2412MHz		2389.3	65.64	-8.36	74	59.91	32	6.61	32.88	265	274	P	H
		2389.95	47.4	-6.6	54	41.63	32	6.61	32.84	265	274	A	H
		2410	117.41	-	-	111.55	32.07	6.63	32.84	265	274	P	H
		2410	107.03	-	-	101.17	32.07	6.63	32.84	265	274	A	H
		2389.95	70.17	-3.83	74	64.4	32	6.61	32.84	168	235	P	V
		2389.95	49.12	-4.88	54	43.35	32	6.61	32.84	168	235	A	V
		2410	118.26	-	-	112.4	32.07	6.63	32.84	168	235	P	V
		2408	108.56	-	-	102.7	32.07	6.63	32.84	168	235	A	V
802.11ax HE20 Partial 106/54 CH 11 2462MHz		2483.5	68.15	-5.85	74	61.86	32.2	6.73	32.64	244	274	P	H
		2483.5	47.91	-6.09	54	41.62	32.2	6.73	32.64	244	274	A	H
		2466	117.86	-	-	111.67	32.2	6.7	32.71	244	274	P	H
		2466	107.59	-	-	101.4	32.2	6.7	32.71	244	274	A	H
		2483.68	68.92	-5.08	74	62.63	32.2	6.73	32.64	214	237	P	V
		2483.5	49.2	-4.8	54	42.91	32.2	6.73	32.64	214	237	A	V
		2464	118.91	-	-	112.72	32.2	6.7	32.71	214	237	P	V
		2464	108.54	-	-	102.35	32.2	6.7	32.71	214	237	A	V



2.4GHz 2400~2483.5MHz

WIFI 802.11ax HE20 Partial RU 106_Tone (Harmonic @ 3m)

WIFI Ant. CDD 1+2	Note	Frequency (MHz)	Level (dBμV/m)	Over Limit (dB)	Limit Line (dBμV/m)	Read Level (dBμV)	Antenna Factor (dB/m)	Path Loss (dB)	Preamp Factor (dB)	Ant Pos (cm)	Table Pos (deg)	Peak Avg. (P/A)	Pol. (H/V)
802.11ax HE20 Partial		4830	39.84	-34.16	74	58.08	34.1	9.47	61.81	300	0	P	H
106/53 CH 01 2412MHz		4830	39.35	-34.65	74	57.59	34.1	9.47	61.81	100	0	P	V
802.11ax HE20 Partial		4920	40.87	-33.13	74	59.13	33.9	9.58	61.74	300	0	P	H
106/54 CH 11 2462MHz		7380	42.26	-31.74	74	56.93	35.68	11.71	62.06	300	0	P	H
		4920	40.56	-33.44	74	58.82	33.9	9.58	61.74	100	0	P	V
		7380	43.32	-30.68	74	57.99	35.68	11.71	62.06	100	0	P	V
Remark	1. No other spurious found. 2. All results are PASS against Peak and Average limit line.												



2.4GHz 2400~2483.5MHz

Emission below 1GHz

2.4GHz WIFI 802.11ax HE20 (LF)

WIFI Ant.	Note	Frequency	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Path Loss	Preamp Factor	Ant Pos	Table Pos	Peak Avg.	Pol.
CDD 1+2		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
2.4GHz 802.11ax HE20 LF		30	25.15	-14.85	40	30.78	25.15	0.45	31.23			P	H
		74.62	22.85	-17.15	40	40.78	12.91	1.02	31.86			P	H
		174.53	25.56	-17.94	43.5	39.08	16.04	1.77	31.33			P	H
		246.31	31.72	-14.28	46	42.62	18.34	2.12	31.36			P	H
		843.83	35.3	-10.7	46	36.07	26.62	3.92	31.31			P	H
		869.05	29.83	-16.17	46	30.42	26.69	3.97	31.25			P	H
		37.76	31.37	-8.63	40	41.23	21.1	0.56	31.52			P	V
		55.22	28.17	-11.83	40	44.45	14.2	0.78	31.26			P	V
		96.93	22.17	-21.33	43.5	35.3	17.47	1.31	31.91			P	V
		246.31	26.5	-19.5	46	36.58	19.16	2.12	31.36			P	V
		448.07	25.39	-20.61	46	30.23	23.57	2.85	31.26			P	V
	842.86	32.63	-13.37	46	32.87	27.16	3.91	31.31			P	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	Path	Preamp	Ant	Table	Peak	Pol.
Ant.				Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Avg.	
1		(MHz)	(dBμV/m)	(dB)	(dBμV/m)	(dBμV)	(dB/m)	(dB)	(dB)	(cm)	(deg)	(P/A)	(H/V)
802.11b		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. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =
Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)
3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

For Peak Limit @ 2390MHz:

1. Level(dBμV/m)
= Antenna Factor(dB/m) + Path 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) + Path 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”.

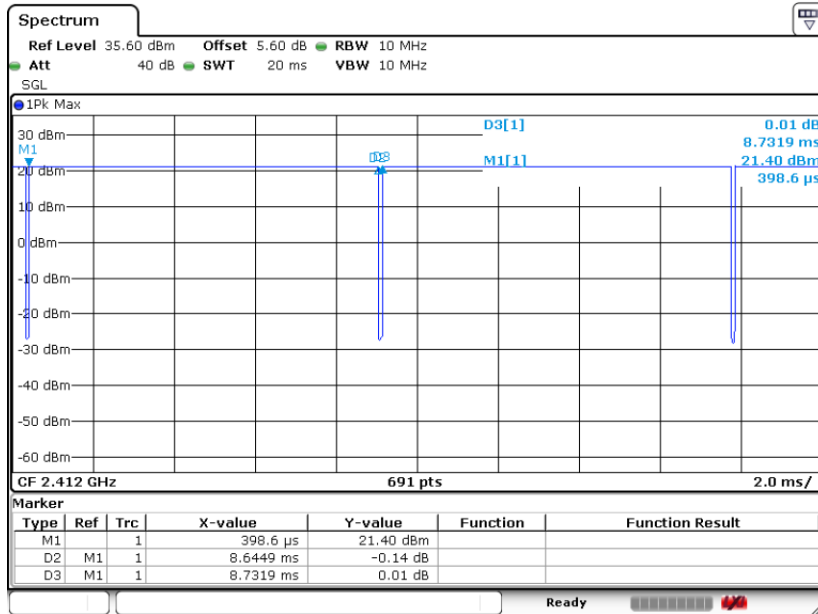


Appendix D. Duty Cycle Plots

Antenna	Band	Duty Cycle(%)	T(ms)	1/T(kHz)	VBW Setting
1/2	802.11b	99.00	-	-	10Hz
1+2	802.11g	100	-	-	10Hz
1+2	802.11ax HE20	98.05	-	-	10Hz
1+2	802.11ax HE20 RU_26T	98.54	-	-	10Hz
1+2	802.11ax HE20 RU_52T	98.96	-	-	10Hz
1+2	802.11ax HE20 RU_106T	98.31	-	-	10Hz

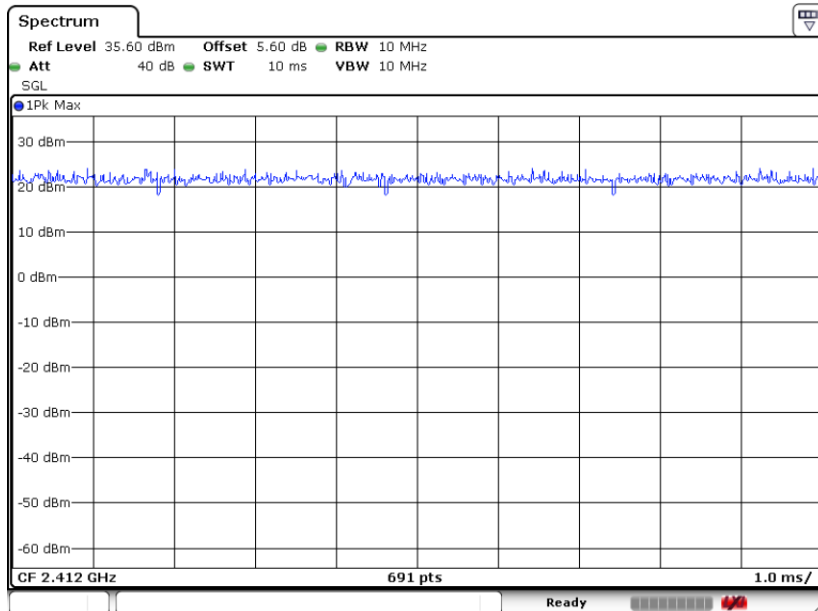


802.11b



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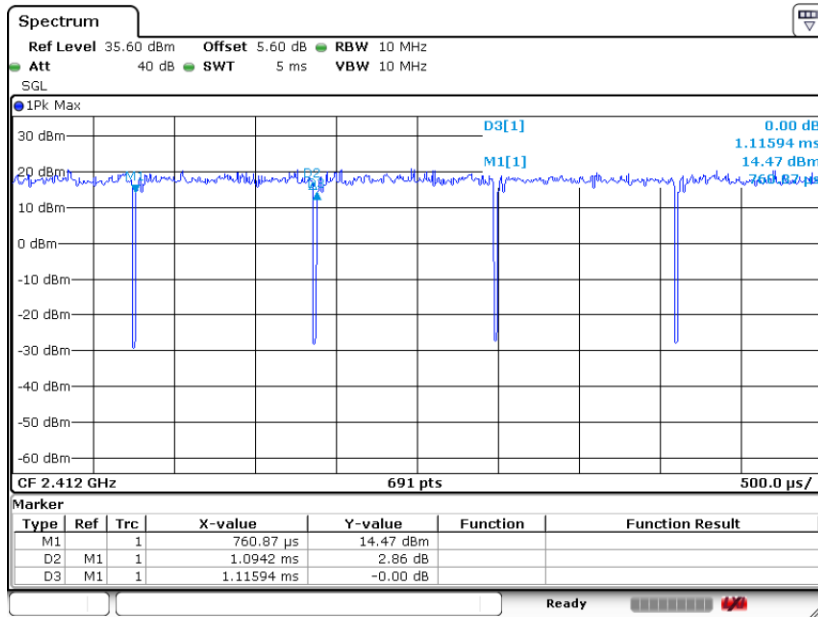
802.11g



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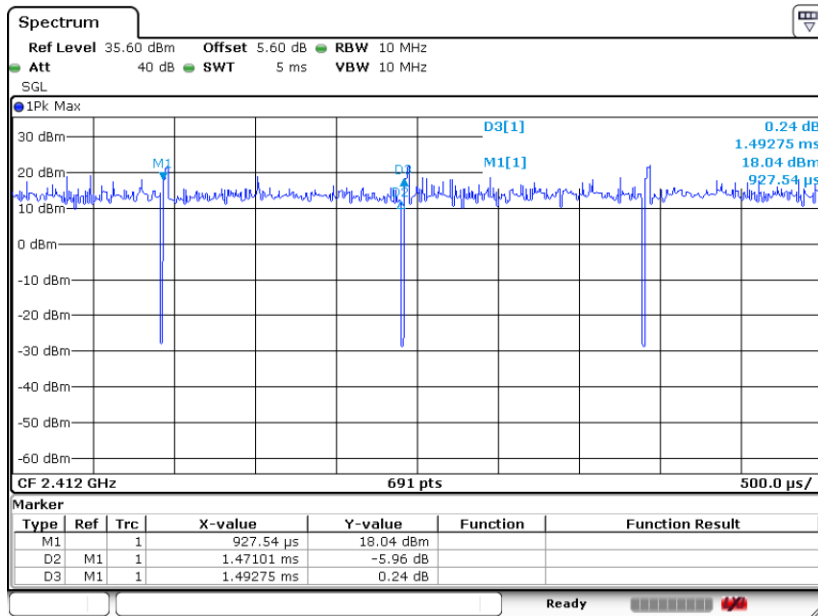


802.11ax HE20



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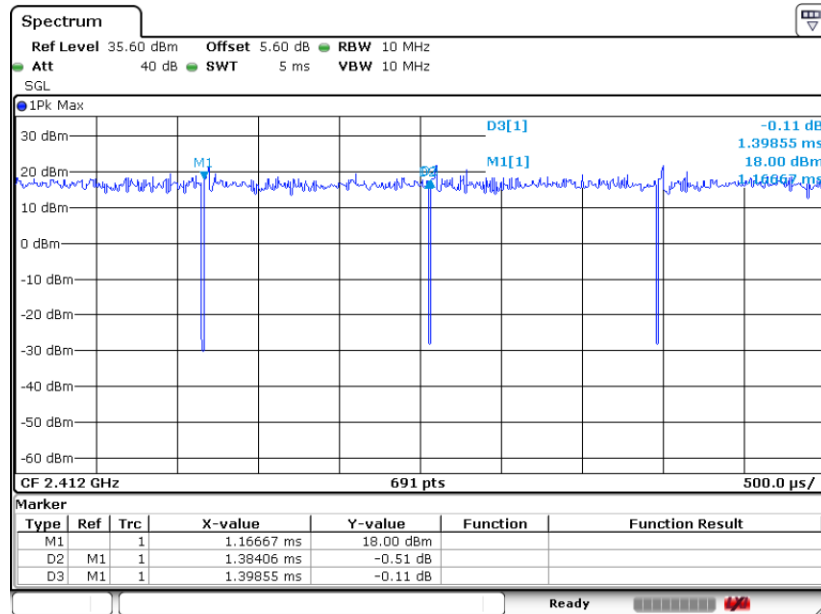
802.11ax HE20 RU_26T



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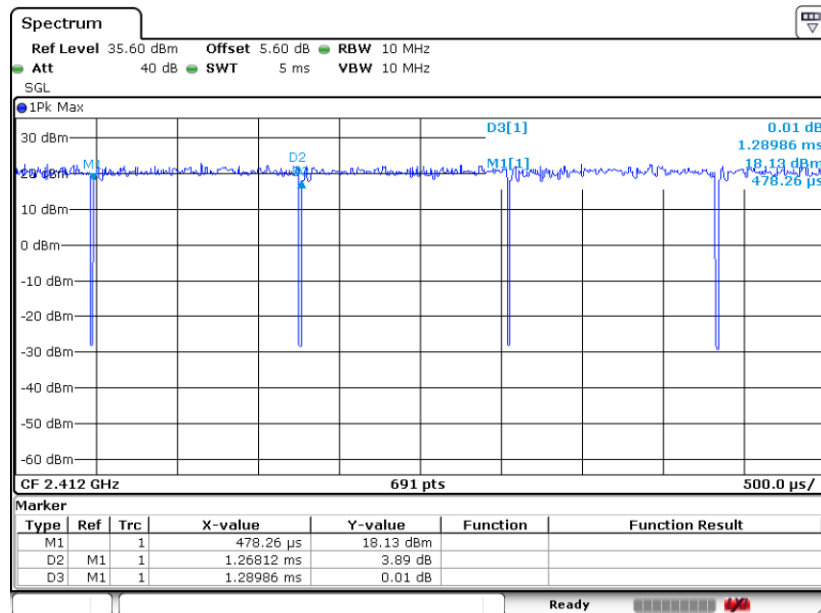


802.11ax HE20 RU_52T



Date: 3.MAR.2022 15:05:32

802.11ax HE20 RU_106T



Date: 3.MAR.2022 15:04:28