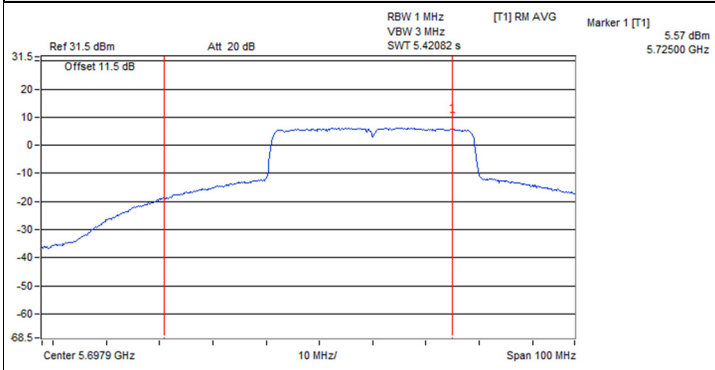
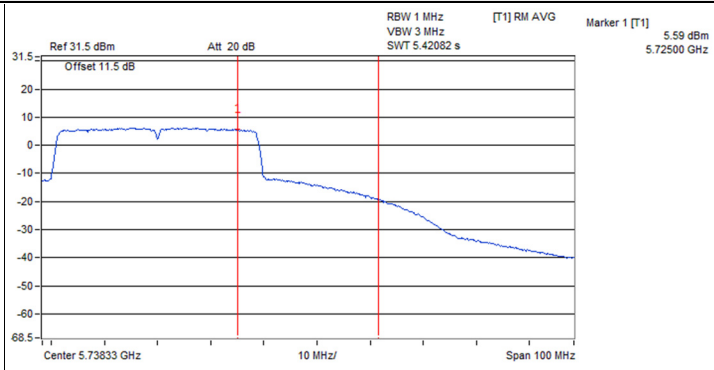
Spectrum Plot for channel straddling



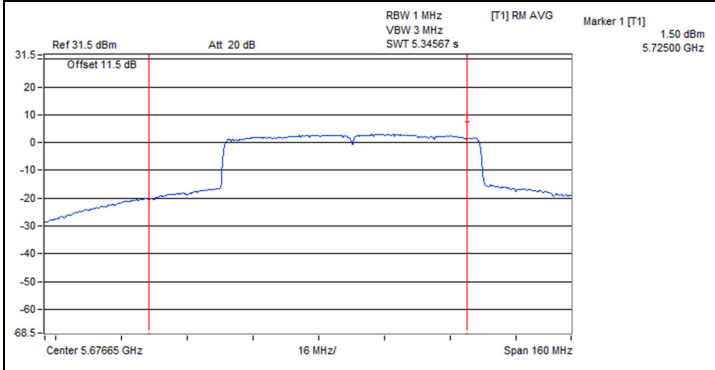
TX Channel Bandwidth 54.19 MHz Power 20.28 dBm

802.11ax (HE40) / Chain 1 : CH 142 (U-NII-2C)



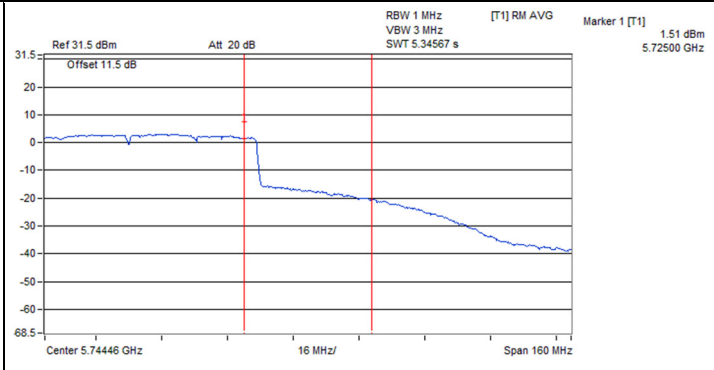
TX Channel Bandwidth 26.67 MHz Power 10.77 dBm

802.11ax (HE40) / Chain 1 : CH 142 (U-NII-3)



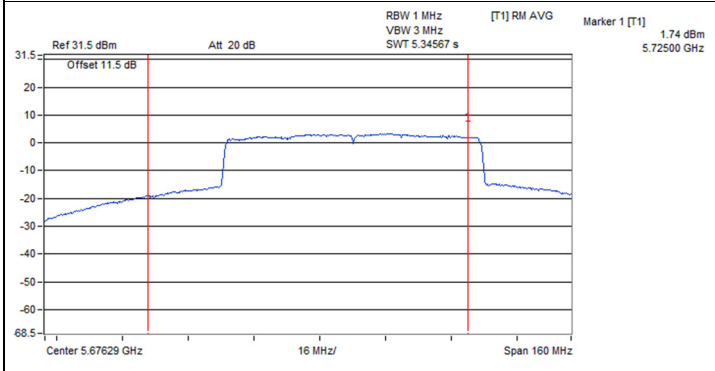
TX Channel Bandwidth 96.7 MHz Power 20.21 dBm

802.11ax (HE80) / Chain 0 : CH 138 (U-NII-2C)



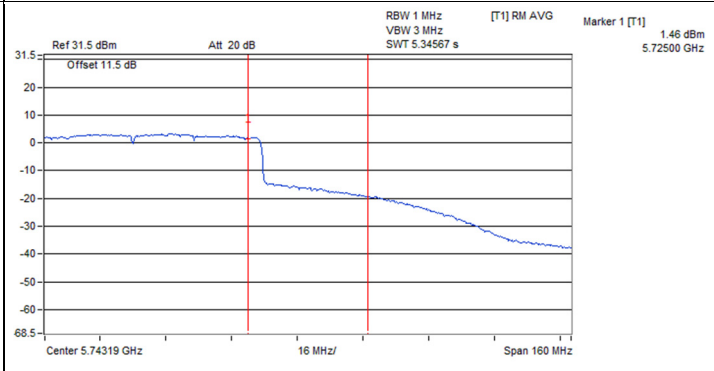
TX Channel Bandwidth 38.93 MHz Power 7.36 dBm

802.11ax (HE80) / Chain 0 : CH 138 (U-NII-3)



TX Channel Bandwidth 97.41 MHz Power 20.4 dBm

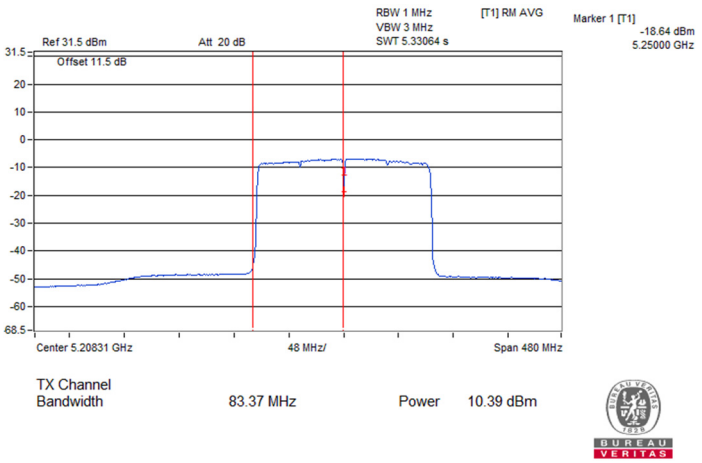
802.11ax (HE80) / Chain 1 : CH 138 (U-NII-2C)



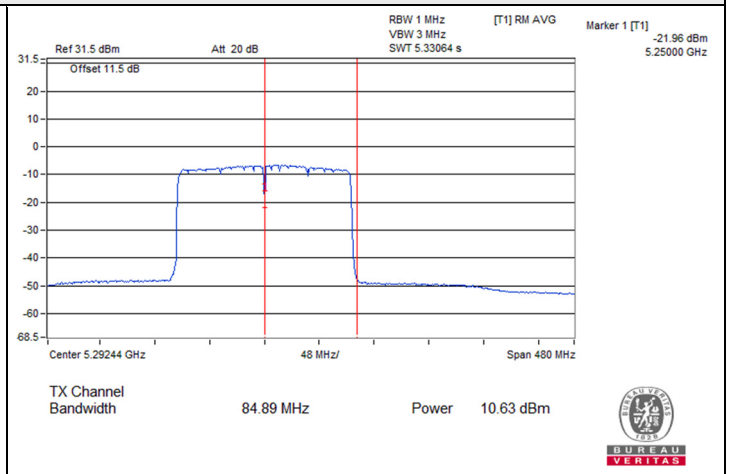
TX Channel Bandwidth 36.38 MHz Power 7.6 dBm

802.11ax (HE80) / Chain 1 : CH 138 (U-NII-3)

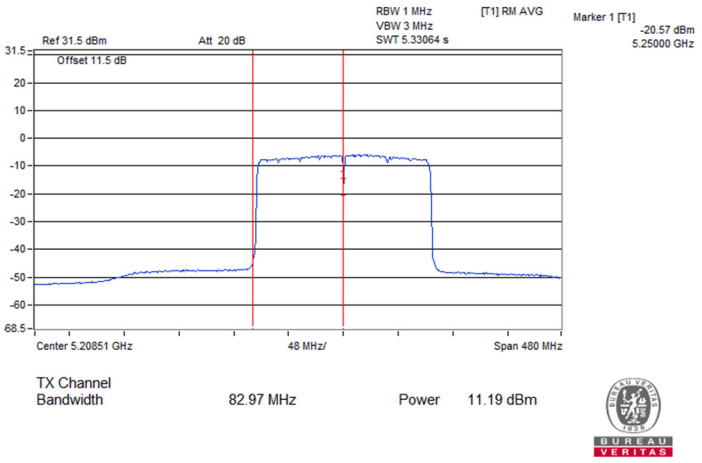
Spectrum Plot for channel straddling



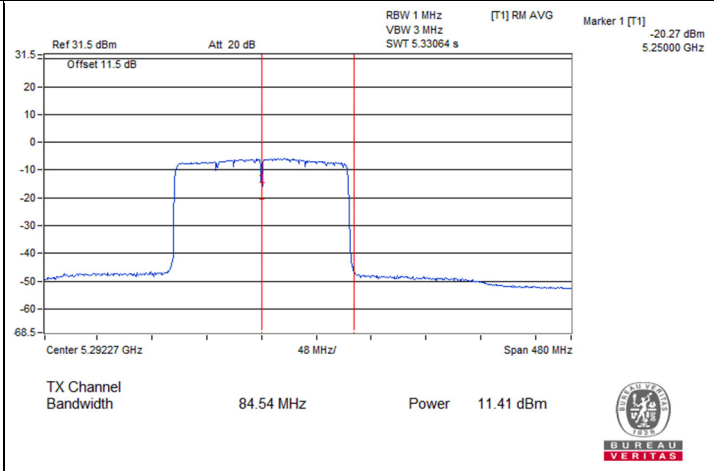
802.11ax (HE160) / Chain 0 : CH 50 (U-NII-1)



802.11ax (HE160) / Chain 0 : CH 50 (U-NII-2A)



802.11ax (HE160) / Chain 1 : CH 50 (U-NII-1)



802.11ax (HE160) / Chain 1 : CH 50 (U-NII-2A)

7.3 Power Spectral Density

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Wayne Lin

Test Mode A

Radio 1

802.11a

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
100	5500	3.16	4.04	0.33	6.96	8.38	Pass
116	5580	4.67	5.21	0.33	8.29	8.38	Pass
140	5700	4.00	4.36	0.33	7.52	8.38	Pass
144 (U-NII-2C)	5720	4.92	5.10	0.33	8.35	8.38	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-2C, the directional gain is 8.62 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.62-6) = 8.38 dBm/MHz.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
100	5500	4.33	4.62	0.09	7.58	8.38	Pass
116	5580	4.92	5.07	0.09	8.10	8.38	Pass
140	5700	1.03	1.01	0.09	4.12	8.38	Pass
144 (U-NII-2C)	5720	5.01	5.43	0.09	8.33	8.38	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-2C, the directional gain is 8.62 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.62-6) = 8.38 dBm/MHz.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
102	5510	-2.19	-1.50	0.10	1.28	8.38	Pass
110	5550	3.52	4.32	0.10	7.05	8.38	Pass
134	5670	2.03	2.31	0.10	5.28	8.38	Pass
142 (U-NII-2C)	5710	4.58	5.43	0.10	8.14	8.38	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-2C, the directional gain is 8.62 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.62-6) = 8.38 dBm/MHz.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1			
106	5530	-6.13	-5.28	-2.67	8.38	Pass
122	5610	1.12	1.77	4.47	8.38	Pass
138 (U-NII-2C)	5690	1.18	2.23	4.75	8.38	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-2C, the directional gain is 8.62 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.62-6) = 8.38 dBm/MHz.

802.11a

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-2.84	-3.10	0.04	0.33	2.59	27.33	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-3, the directional gain is 8.67 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.67-6) = 27.33 dBm/500kHz.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-3.63	-3.39	-0.5	0.09	1.81	27.33	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-3, the directional gain is 8.67 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.67-6) = 27.33 dBm/500kHz.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
142 (U-NII-3)	5710	-4.00	-3.24	-0.59	0.1	1.73	27.33	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-3, the directional gain is 8.67 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.67-6) = 27.33 dBm/500kHz.

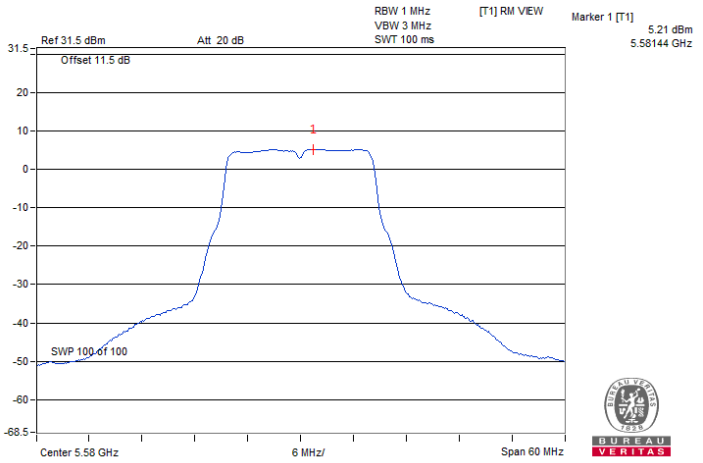
802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1				
138 (U-NII-3)	5690	-7.52	-6.37	-3.9	-1.68	27.33	Pass

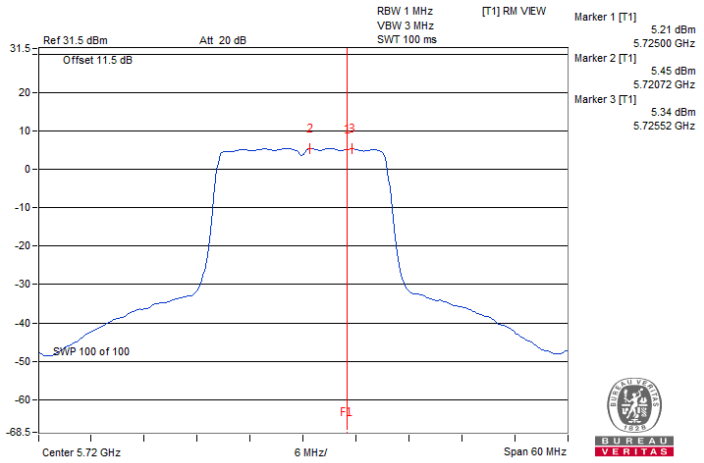
Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-3, the directional gain is 8.67 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.67-6) = 27.33 dBm/500kHz.

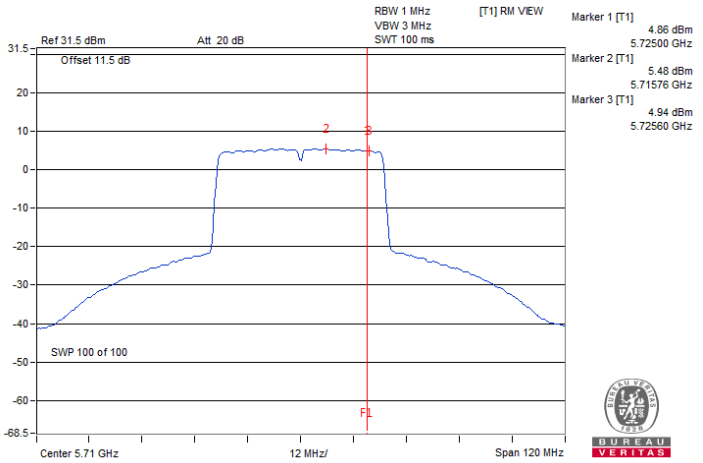
Spectrum Plot of Maximum Value



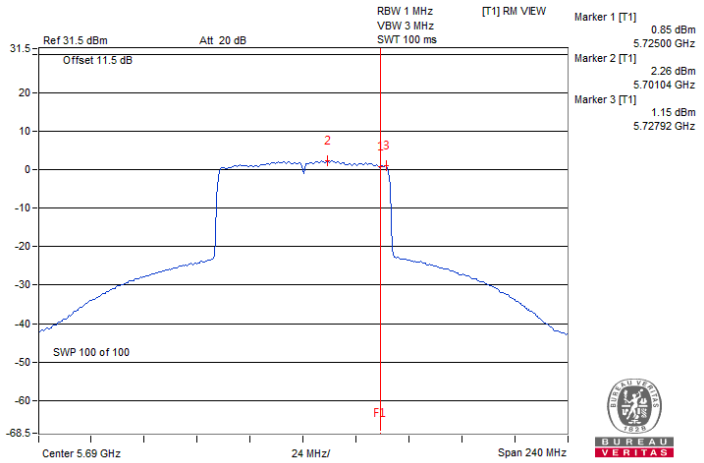
802.11a / Chain 1 : CH 116



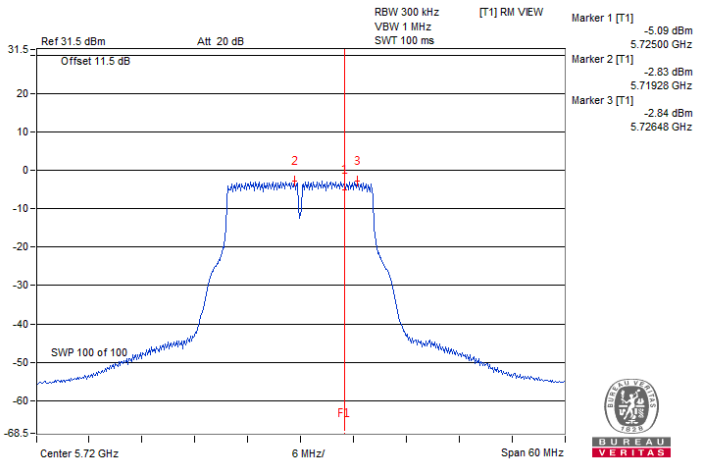
802.11ax (HE20) / Chain 1 : CH 144 (U-NII-2C)



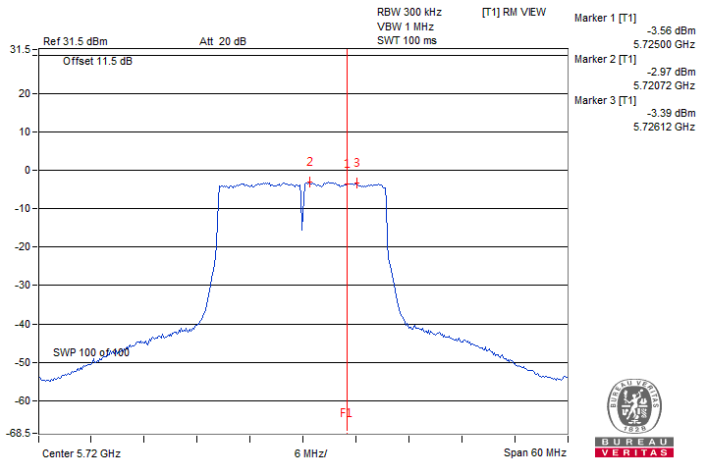
802.11ax (HE40) / Chain 1 : CH 142 (U-NII-2C)



802.11ax (HE80) / Chain 1 : CH 138 (U-NII-2C)

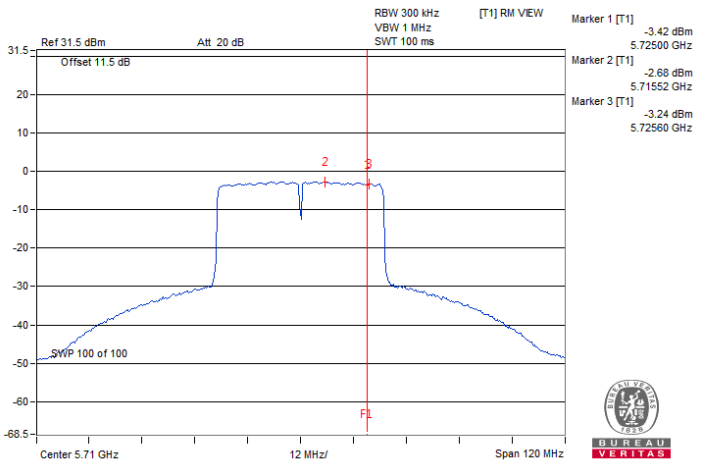


802.11a / Chain 0 : CH 144 (U-NII-3)

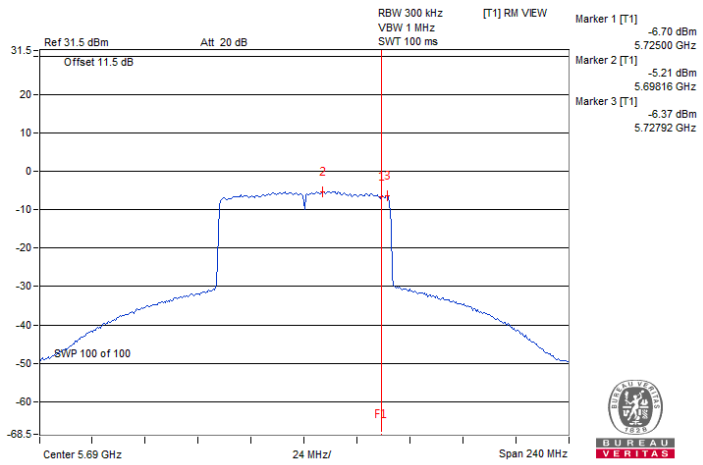


802.11ax (HE20) / Chain 1 : CH 144 (U-NII-3)

Spectrum Plot of Maximum Value



802.11ax (HE40) / Chain 1 : CH 142 (U-NII-3)



802.11ax (HE80) / Chain 1 : CH 138 (U-NII-3)

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Wayne Lin

Test Mode C

Radio 2

802.11a

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
52	5260	5.91	5.45	0.40	9.10	9.15	Pass
60	5300	5.94	5.37	0.40	9.07	9.15	Pass
64	5320	5.90	5.36	0.40	9.05	9.15	Pass
100	5500	4.05	4.55	0.40	7.72	8.44	Pass
116	5580	4.81	5.02	0.40	8.33	8.44	Pass
140	5700	4.06	4.03	0.40	7.46	8.44	Pass
144 (U-NII-2C)	5720	5.20	4.66	0.40	8.35	8.44	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-2A, the directional gain is 7.85 dBi > 6 dBi, so the power density limit shall be reduced to 11-(7.85-6) = 9.15 dBm/MHz.
4. For U-NII-2C, the directional gain is 8.56 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.56-6) = 8.44 dBm/MHz.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)		Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1			
52	5260	6.21	5.48	8.87	9.15	Pass
60	5300	6.46	5.41	8.98	9.15	Pass
64	5320	5.73	4.63	8.23	9.15	Pass
100	5500	3.01	3.37	6.20	8.44	Pass
116	5580	4.93	5.37	8.17	8.44	Pass
140	5700	3.03	2.36	5.72	8.44	Pass
144 (U-NII-2C)	5720	5.53	5.01	8.29	8.44	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-2A, the directional gain is 7.85 dBi > 6 dBi, so the power density limit shall be reduced to 11-(7.85-6) = 9.15 dBm/MHz.
4. For U-NII-2C, the directional gain is 8.56 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.56-6) = 8.44 dBm/MHz.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
54	5270	4.35	3.67	0.09	7.12	9.15	Pass
62	5310	0.54	-0.14	0.09	3.31	9.15	Pass
102	5510	-2.30	-1.48	0.09	1.23	8.44	Pass
110	5550	2.36	2.59	0.09	5.58	8.44	Pass
134	5670	2.23	1.94	0.09	5.19	8.44	Pass
142 (U-NII-2C)	5710	5.45	4.98	0.09	8.32	8.44	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-2A, the directional gain is 7.85 dBi > 6 dBi, so the power density limit shall be reduced to 11-(7.85-6) = 9.15 dBm/MHz.
4. For U-NII-2C, the directional gain is 8.56 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.56-6) = 8.44 dBm/MHz.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
58	5290	-3.17	-3.67	0.09	-0.31	9.15	Pass
106	5530	-5.26	-4.86	0.09	-1.96	8.44	Pass
122	5610	-0.79	-0.65	0.09	2.38	8.44	Pass
138 (U-NII-2C)	5690	2.08	2.31	0.09	5.30	8.44	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-2A, the directional gain is 7.85 dBi > 6 dBi, so the power density limit shall be reduced to 11-(7.85-6) = 9.15 dBm/MHz.
4. For U-NII-2C, the directional gain is 8.56 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.56-6) = 8.44 dBm/MHz.

802.11a

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-2.86	-3.48	-0.15	0.4	2.47	27.57	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-3, the directional gain is 8.43 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.43-6) = 27.57 dBm/500kHz.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/300kHz)		Total PSD (dBm/300kHz)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1				
144 (U-NII-3)	5720	-4.63	-4.76	-1.68	0.54	27.57	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-3, the directional gain is 8.43 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.43-6) = 27.57 dBm/500kHz.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
142 (U-NII-3)	5710	-5.11	-5.25	-2.17	0.09	0.14	27.57	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-3, the directional gain is 8.43 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.43-6) = 27.57 dBm/500kHz.

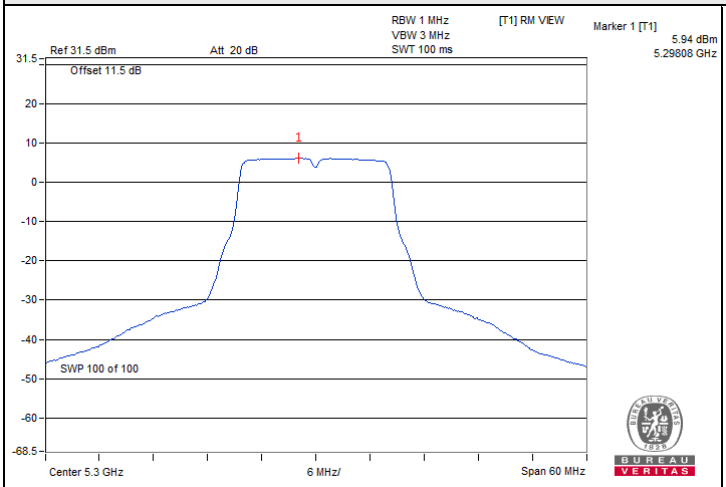
802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
138 (U-NII-3)	5690	-8.80	-8.44	-5.61	0.09	-3.30	27.57	Pass

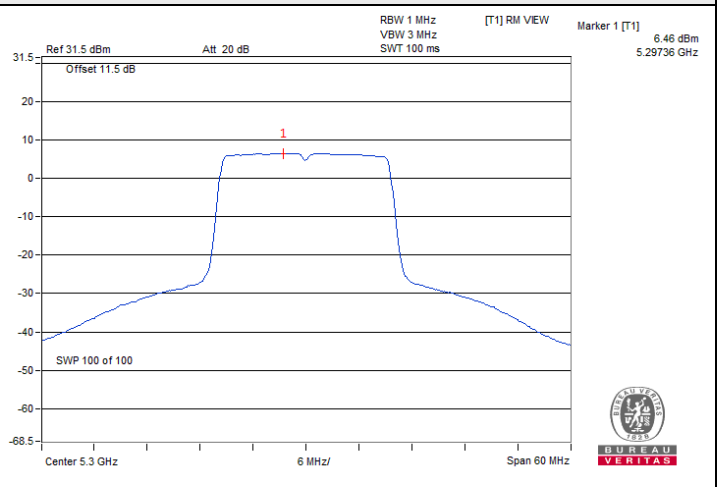
Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-3, the directional gain is 8.43 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.43-6) = 27.57 dBm/500kHz.

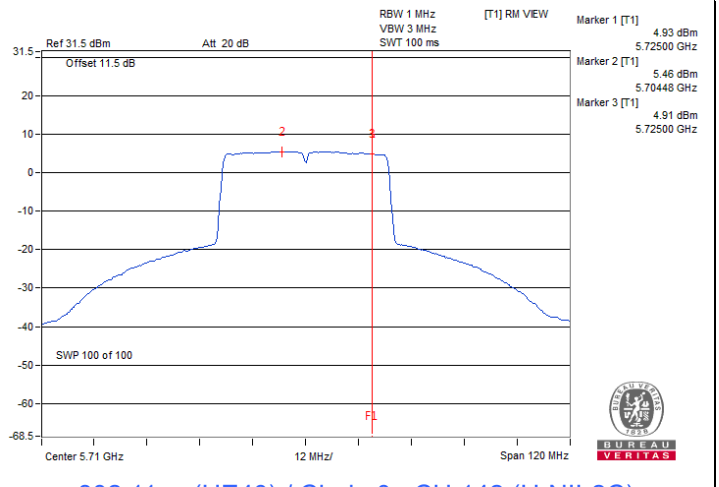
Spectrum Plot of Maximum Value



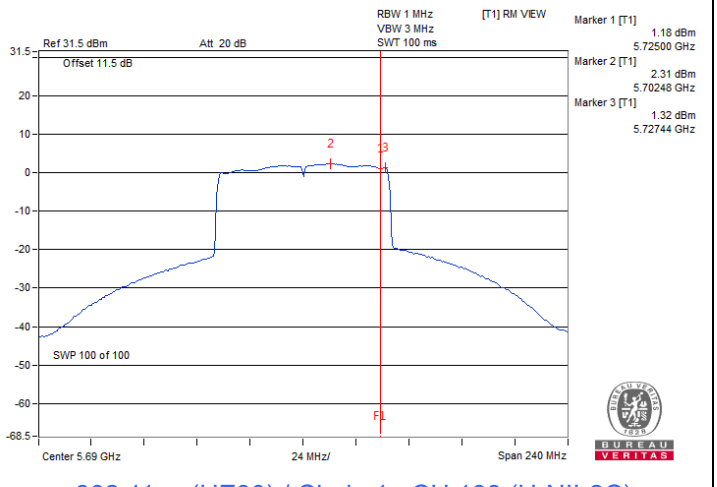
802.11a / Chain 0 : CH 60



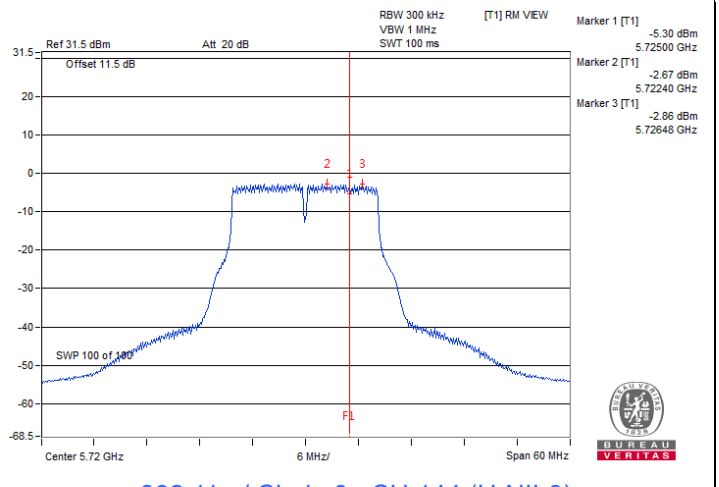
802.11ax (HE20) / Chain 0 : CH 60



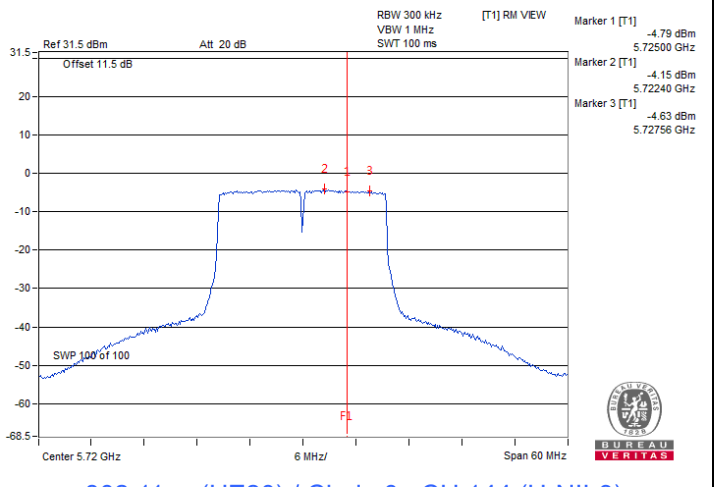
802.11ax (HE40) / Chain 0 : CH 142 (U-NII-2C)



802.11ax (HE80) / Chain 1 : CH 138 (U-NII-2C)

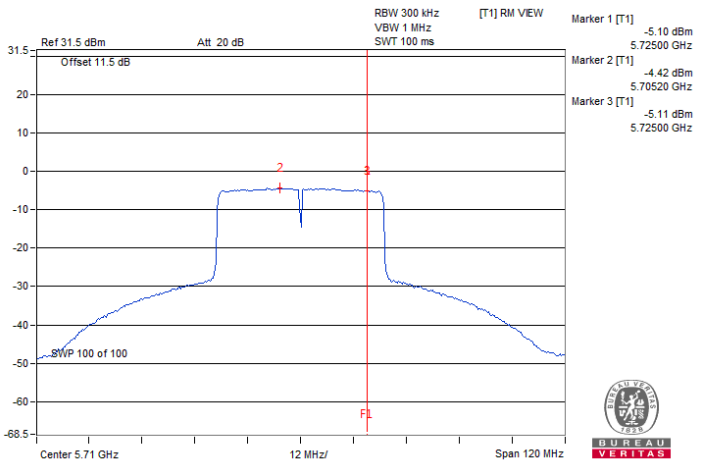


802.11a / Chain 0 : CH 144 (U-NII-3)

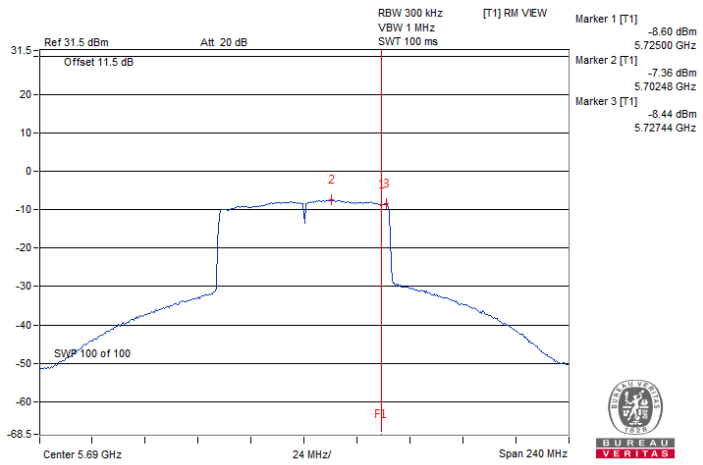


802.11ax (HE20) / Chain 0 : CH 144 (U-NII-3)

Spectrum Plot of Maximum Value



802.11ax (HE40) / Chain 0 : CH 142 (U-NII-3)



802.11ax (HE80) / Chain 1 : CH 138 (U-NII-3)

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Alan Wu/Wayne Lin

Test Mode E

Radio 3

802.11a

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
52	5260	5.52	5.80	0.39	9.06	9.07	Pass
60	5300	5.55	5.74	0.39	9.05	9.07	Pass
64	5320	5.57	5.74	0.39	9.06	9.07	Pass
100	5500	3.86	4.23	0.39	7.45	8.21	Pass
116	5580	4.75	4.81	0.39	8.18	8.21	Pass
140	5700	4.72	4.83	0.39	8.18	8.21	Pass
144 (U-NII-2C)	5720	4.63	4.85	0.39	8.14	8.21	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-2A, the directional gain is 7.93 dBi > 6 dBi, so the power density limit shall be reduced to 11-(7.93-6) = 9.07 dBm/MHz.
4. For U-NII-2C, the directional gain is 8.79 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.79-6) = 8.21 dBm/MHz.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
52	5260	5.63	5.80	0.09	8.82	9.07	Pass
60	5300	5.60	5.66	0.09	8.73	9.07	Pass
64	5320	4.93	5.36	0.09	8.25	9.07	Pass
100	5500	4.26	4.37	0.09	7.42	8.21	Pass
116	5580	4.73	4.75	0.09	7.84	8.21	Pass
140	5700	2.66	3.17	0.09	6.02	8.21	Pass
144 (U-NII-2C)	5720	4.75	5.05	0.09	8.00	8.21	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-2A, the directional gain is 7.93 dBi > 6 dBi, so the power density limit shall be reduced to 11-(7.93-6) = 9.07 dBm/MHz.
4. For U-NII-2C, the directional gain is 8.79 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.79-6) = 8.21 dBm/MHz.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
54	5270	4.08	4.34	0.11	7.33	9.07	Pass
62	5310	-0.48	-0.13	0.11	2.82	9.07	Pass
102	5510	-0.64	-0.31	0.11	2.65	8.21	Pass
110	5550	4.72	5.08	0.11	8.02	8.21	Pass
134	5670	2.98	3.26	0.11	6.24	8.21	Pass
142 (U-NII-2C)	5710	4.53	4.56	0.11	7.67	8.21	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-2A, the directional gain is 7.93 dBi > 6 dBi, so the power density limit shall be reduced to 11-(7.93-6) = 9.07 dBm/MHz.
4. For U-NII-2C, the directional gain is 8.79 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.79-6) = 8.21 dBm/MHz.

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
58	5290	-4.09	-3.59	0.11	-0.71	9.07	Pass
106	5530	-3.91	-3.61	0.11	-0.64	8.21	Pass
122	5610	0.24	0.42	0.11	3.45	8.21	Pass
138 (U-NII-2C)	5690	1.79	2.07	0.11	5.05	8.21	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-2A, the directional gain is 7.93 dBi > 6 dBi, so the power density limit shall be reduced to 11-(7.93-6) = 9.07 dBm/MHz.
4. For U-NII-2C, the directional gain is 8.79 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.79-6) = 8.21 dBm/MHz.

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)		Duty Factor (dB)	Total PSD (dBm/MHz)	Max. PSD Limit (dBm/MHz)	Test Result
		Chain 0	Chain 1				
50 (U-NII-1)	5250	-8.46	-7.91	0.10	-5.07	15.22	Pass
50 (U-NII-2A)	5250	-8.23	-7.85	0.10	-4.93	9.07	Pass
114	5570	-6.73	-6.54	0.10	-3.52	8.21	Pass

Notes:

1. Method E) 2) a) of power density measurement of KDB 662911 is using for calculating total power density. Total power density is summing entire spectra across corresponding frequency bins on the various outputs by computer.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-1, the directional gain is 7.78 dBi > 6dBi, so the power density limit shall be reduced to 17-(7.78-6) = 15.22 dBm/MHz.
4. For U-NII-2A, the directional gain is 7.93 dBi > 6 dBi, so the power density limit shall be reduced to 11-(7.93-6) = 9.07 dBm/MHz.
5. For U-NII-2C, the directional gain is 8.79 dBi > 6 dBi, so the power density limit shall be reduced to 11-(8.79-6) = 8.21 dBm/MHz.

802.11a

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-3.60	-3.30	-0.44	0.39	2.17	27.62	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-3, the directional gain is 8.38 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.38-6) = 27.62 dBm/500kHz.

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
144 (U-NII-3)	5720	-4.00	-3.10	-0.52	0.09	1.79	27.62	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = 10 log[$(10^{Chain0/20} + 10^{Chain1/20})^2$ / 2]
3. For U-NII-3, the directional gain is 8.38 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.38-6) = 27.62 dBm/500kHz.

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
142 (U-NII-3)	5710	-4.93	-4.72	-1.81	0.11	0.52	27.62	Pass

Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = 10 log[($10^{Chain0/20}$ + $10^{Chain1/20}$)^2 / 2]
3. For U-NII-3, the directional gain is 8.38 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.38-6) = 27.62 dBm/500kHz.

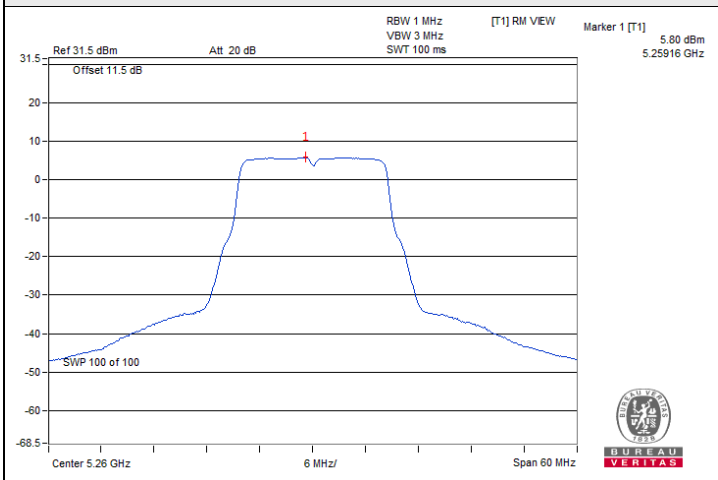
802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/300kHz)		Total PSD w/o Duty Factor (dBm/300kHz)	Duty Factor (dB)	Total PSD (dBm/500kHz)	PSD Limit (dBm/500kHz)	Test Result
		Chain 0	Chain 1					
138 (U-NII-3)	5690	-8.34	-8.05	-5.18	0.11	-2.85	27.62	Pass

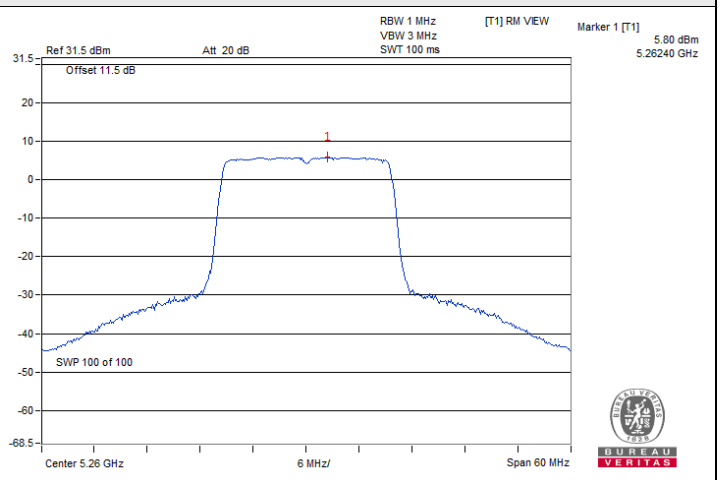
Notes:

1. Method E) 2) b) Measure and sum spectral maxima across the outputs of KDB 662911 is using for calculating total power density.
2. Directional gain = 10 log[($10^{Chain0/20}$ + $10^{Chain1/20}$)^2 / 2]
3. For U-NII-3, the directional gain is 8.38 dBi > 6 dBi, so the power density limit shall be reduced to 30-(8.38-6) = 27.62 dBm/500kHz.

Spectrum Plot of Maximum Value

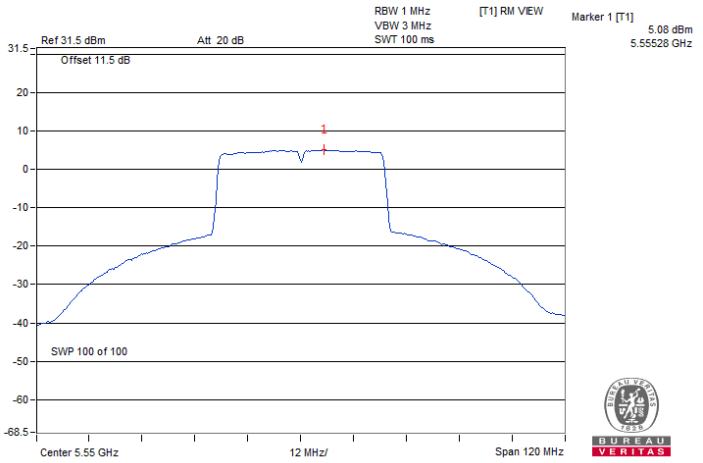


802.11a / Chain 1 : CH 52

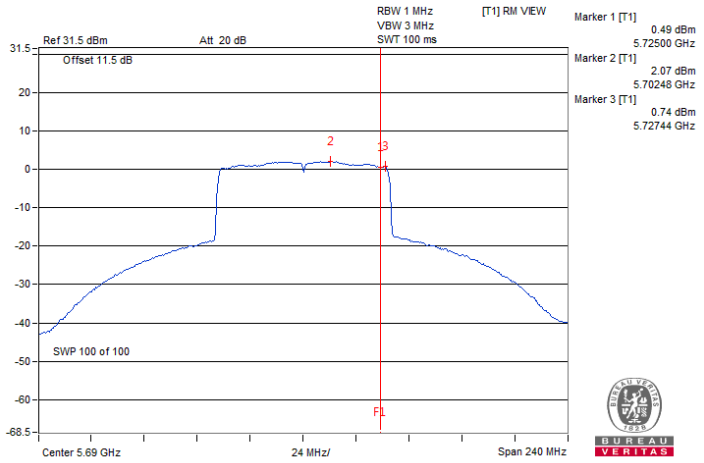


802.11ax (HE20) / Chain 1 : CH 52

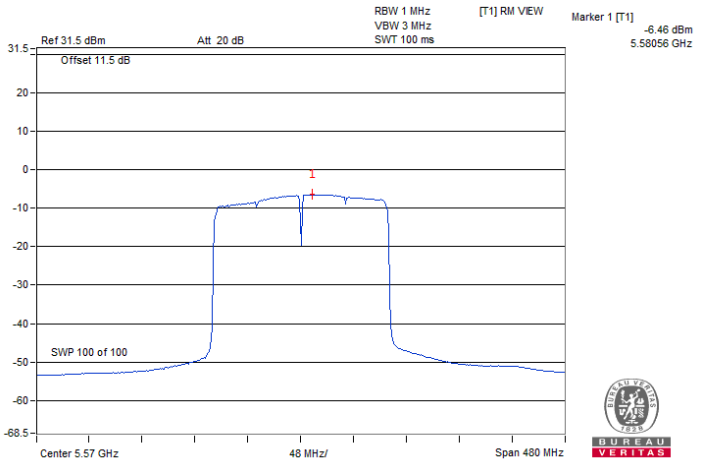
Spectrum Plot of Maximum Value



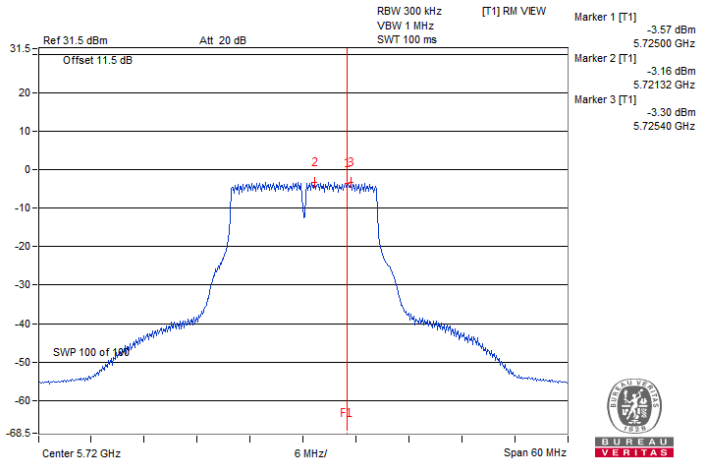
802.11ax (HE40) / Chain 1 : CH 110



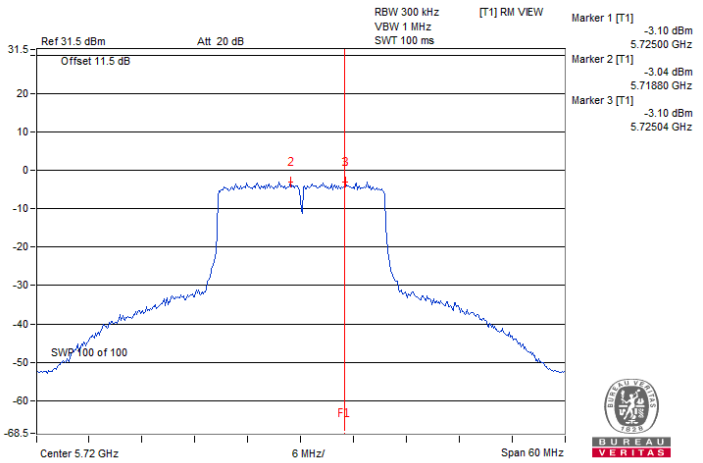
802.11ax (HE80) / Chain 1 : CH 138 (U-NII-2C)



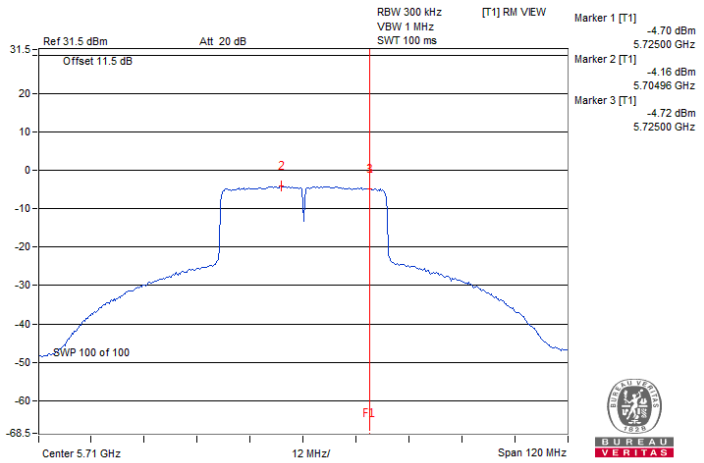
802.11ax (HE160) / Chain 1 : CH 114



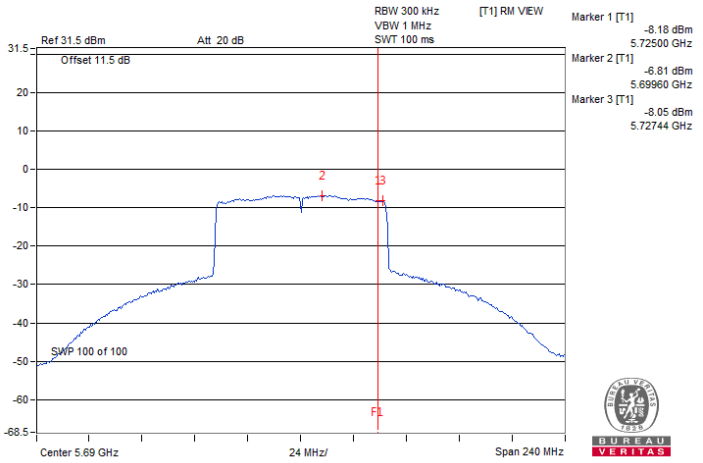
802.11a / Chain 1 : CH 144 (U-NII-3)



802.11ax (HE20) / Chain 1 : CH 144 (U-NII-3)



802.11ax (HE40) / Chain 1 : CH 142 (U-NII-3)

Spectrum Plot of Maximum Value	
 802.11ax (HE80) / Chain 1 : CH 138 (U-NII-3)	

7.4 Occupied Bandwidth

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Wayne Lin

Test Mode A

Radio 1

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
100	5500	17.28	17.04
116	5580	16.92	16.92
140	5700	17.04	16.92
144 (U-NII-2C)	5720	13.64	13.64
144 (U-NII-3)	5720	3.28	3.28

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
100	5500	19.08	19.20
116	5580	19.08	19.08
140	5700	19.08	19.08
144 (U-NII-2C)	5720	14.72	14.72
144 (U-NII-3)	5720	4.36	4.36

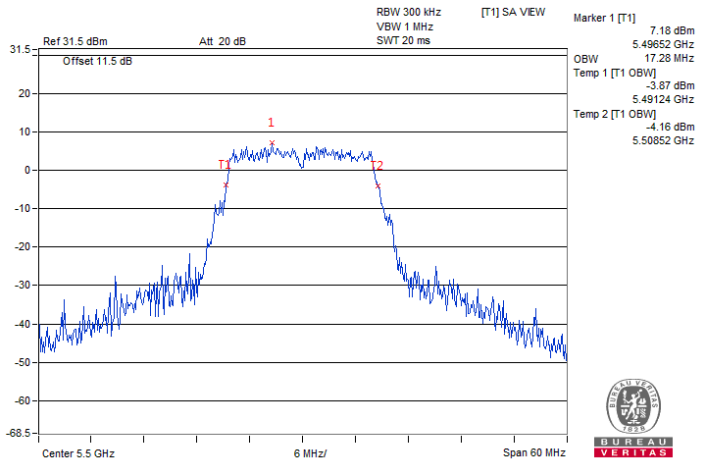
802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
102	5510	37.68	37.92
110	5550	38.08	38.08
134	5670	37.89	38.08
142 (U-NII-2C)	5710	34.20	34.23
142 (U-NII-3)	5710	3.96	3.85

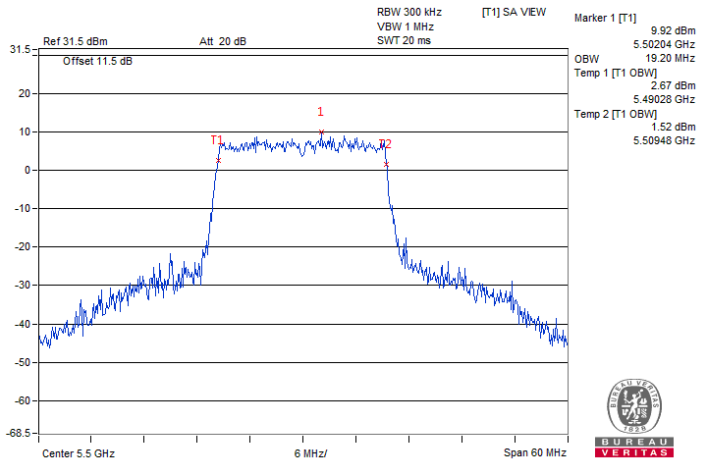
802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
106	5530	77.31	76.93
122	5610	77.28	77.28
138 (U-NII-2C)	5690	73.88	74.36
138 (U-NII-3)	5690	3.88	3.88

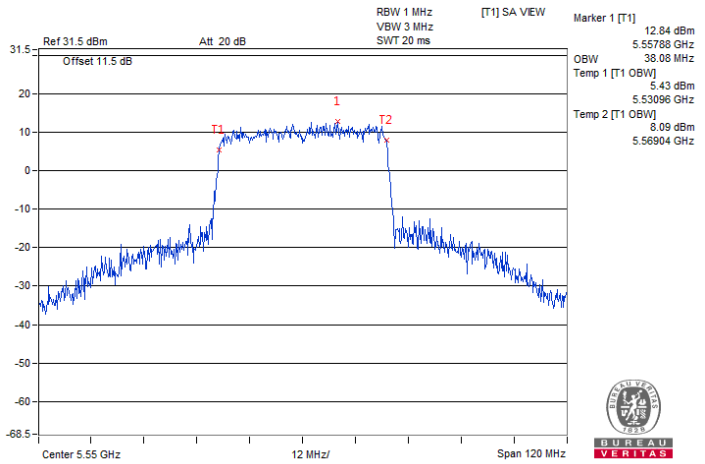
Spectrum Plot of Maximum Value



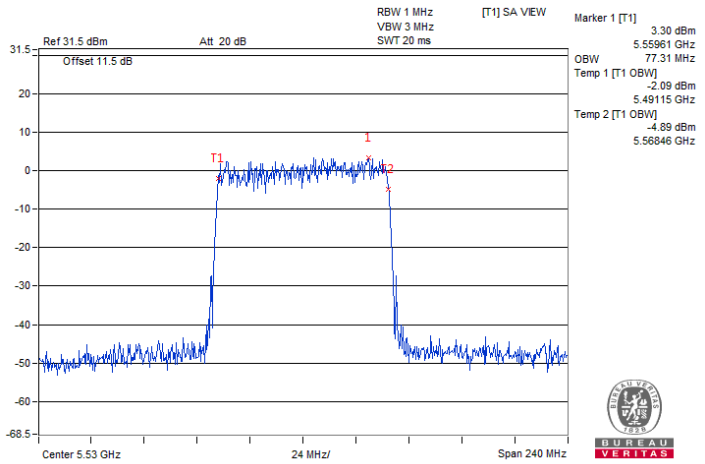
802.11a / Chain 0 : CH 100



802.11ax (HE20) / Chain 1 : CH 100



802.11ax (HE40) / Chain 0 : CH 110



802.11ax (HE80) / Chain 0 : CH 106

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Wayne Lin

Test Mode C

Radio 2

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	17.04	16.92
60	5300	17.04	16.92
64	5320	17.16	16.92
100	5500	17.16	16.92
116	5580	16.92	17.04
140	5700	17.04	17.04
144 (U-NII-2C)	5720	13.76	13.52
144 (U-NII-3)	5720	3.40	3.28

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	19.08	19.20
60	5300	19.08	19.08
64	5320	19.20	19.08
100	5500	19.08	18.96
116	5580	19.08	19.08
140	5700	18.96	19.08
144 (U-NII-2C)	5720	14.72	14.72
144 (U-NII-3)	5720	4.36	4.36

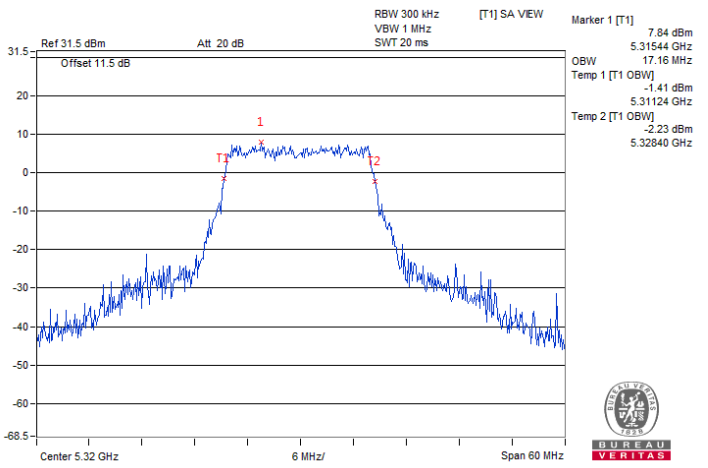
802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	37.92	38.16
62	5310	37.92	37.68
102	5510	38.16	37.92
110	5550	37.89	38.08
134	5670	38.16	38.16
142 (U-NII-2C)	5710	34.44	34.44
142 (U-NII-3)	5710	3.96	4.20

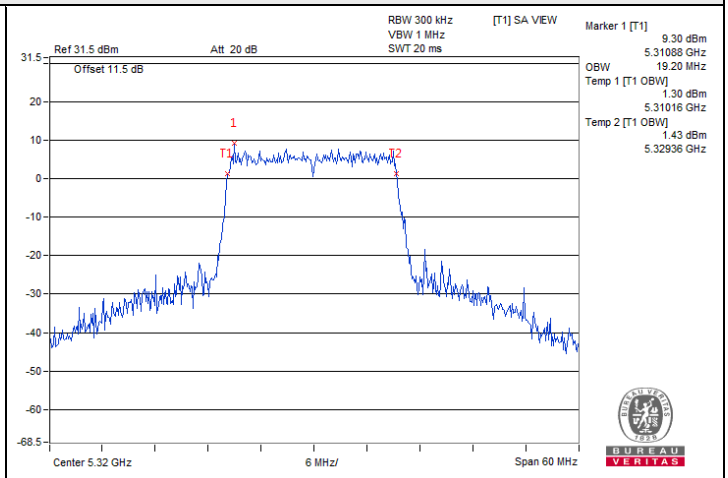
802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	77.28	76.32
106	5530	77.31	76.92
122	5610	76.80	77.28
138 (U-NII-2C)	5690	74.36	74.36
138 (U-NII-3)	5690	3.88	8.20

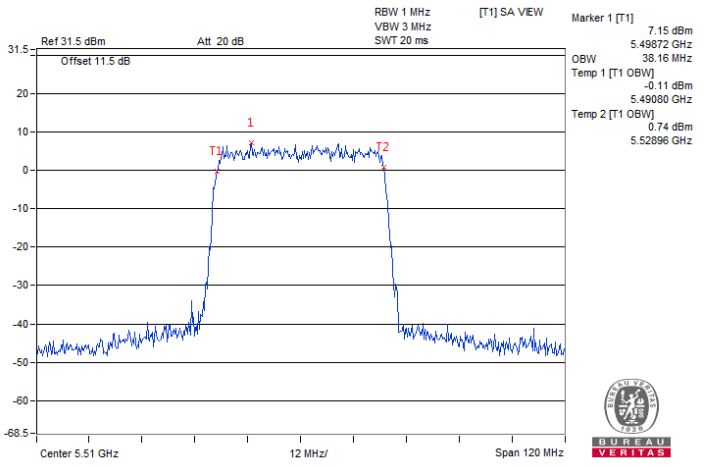
Spectrum Plot of Maximum Value



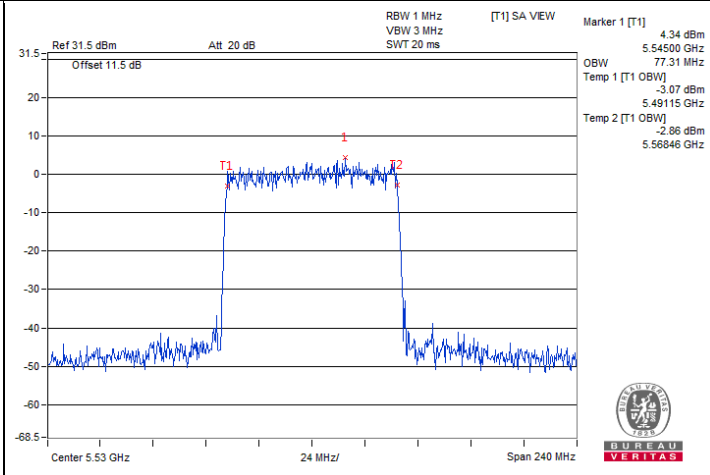
802.11a / Chain 0 : CH 64



802.11ax (HE20) / Chain 0 : CH 64



802.11ax (HE40) / Chain 0 : CH 102



802.11ax (HE80) / Chain 0 : CH 106

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Alan Wu/Wayne Lin

Test Mode E

Radio 3

802.11a

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	17.04	16.92
60	5300	16.92	17.04
64	5320	17.04	17.16
100	5500	16.92	16.80
116	5580	17.16	16.92
140	5700	17.04	16.80
144 (U-NII-2C)	5720	13.52	13.64
144 (U-NII-3)	5720	3.52	3.52

802.11ax (HE20)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
52	5260	19.08	19.32
60	5300	19.08	19.08
64	5320	18.96	19.20
100	5500	19.20	19.20
116	5580	19.08	19.20
140	5700	18.96	19.08
144 (U-NII-2C)	5720	14.60	14.60
144 (U-NII-3)	5720	4.60	4.48

802.11ax (HE40)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
54	5270	38.08	38.08
62	5310	37.89	38.08
102	5510	37.70	38.08
110	5550	38.46	38.27
134	5670	37.89	38.08
142 (U-NII-2C)	5710	34.44	34.20
142 (U-NII-3)	5710	4.44	4.44

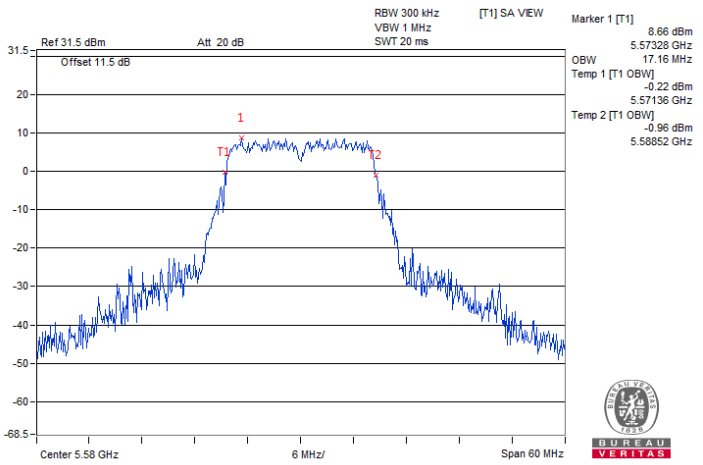
802.11ax (HE80)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
58	5290	77.28	77.28
106	5530	76.92	76.92
122	5610	77.28	77.28
138 (U-NII-2C)	5690	73.46	73.88
138 (U-NII-3)	5690	3.85	3.88

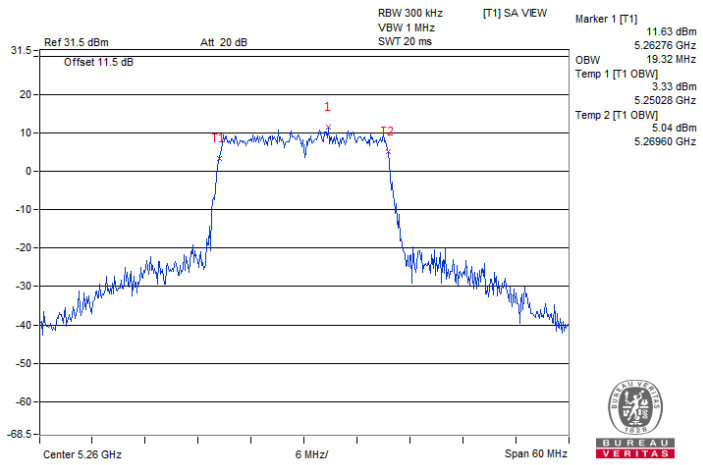
802.11ax (HE160)

Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	
		Chain 0	Chain 1
50 (U-NII-1)	5250	77.76	77.76
50 (U-NII-2A)	5250	77.76	76.80
114	5570	155.52	154.56

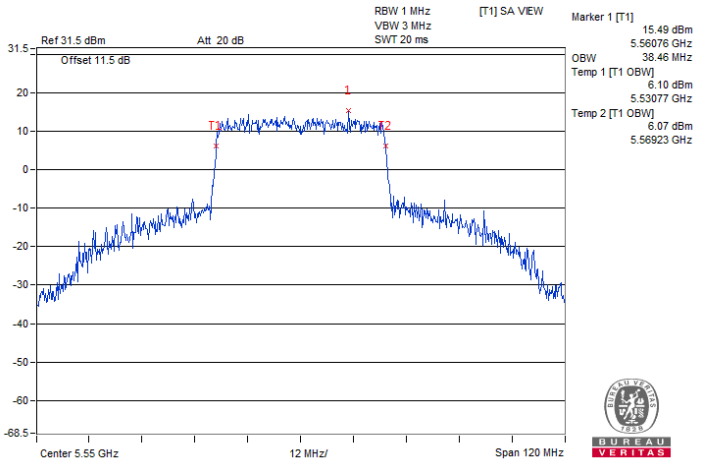
Spectrum Plot of Maximum Value



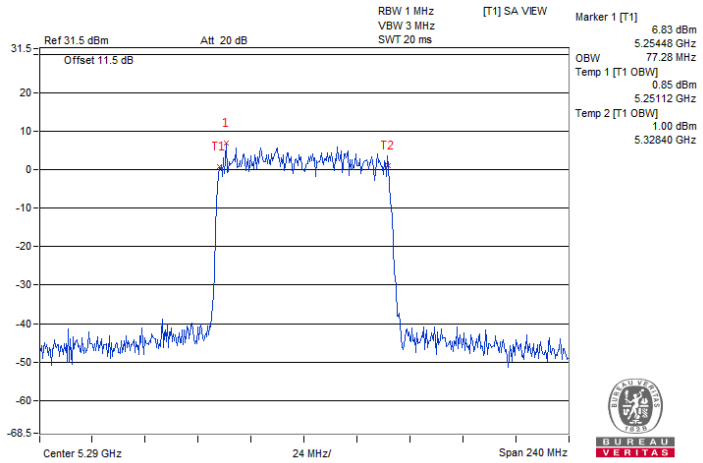
802.11a / Chain 0 : CH 116



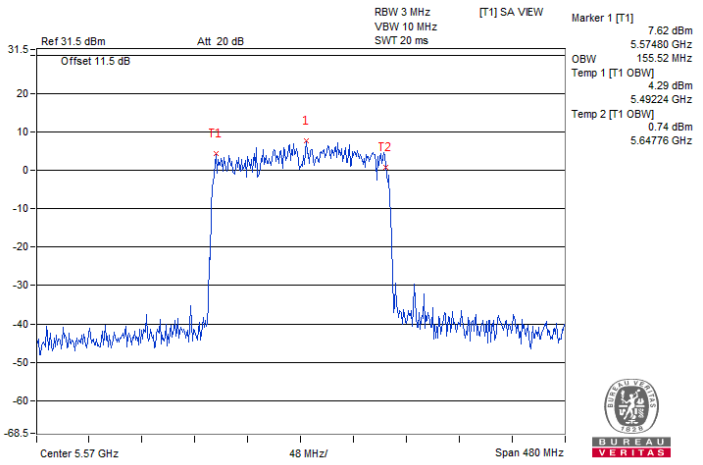
802.11ax (HE20) / Chain 1 : CH 52



802.11ax (HE40) / Chain 0 : CH 110



802.11ax (HE80) / Chain 0 : CH 58



802.11ax (HE160) / Chain 0 : CH 114

7.5 Frequency Stability

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Wayne Lin

Test Mode A

Radio 1

802.11a

Frequency Stability Versus Temperature									
Operating Frequency: 5500 MHz									
Temp. (℃)	Power Supply (Vac)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
50	120	5499.9781	Pass	5499.9824	Pass	5499.9823	Pass	5499.9813	Pass
40	120	5499.9996	Pass	5500.0007	Pass	5499.9989	Pass	5499.9988	Pass
30	120	5499.9895	Pass	5499.9924	Pass	5499.9893	Pass	5499.9932	Pass
20	120	5499.9749	Pass	5499.9713	Pass	5499.9753	Pass	5499.9757	Pass
10	120	5499.9873	Pass	5499.987	Pass	5499.9919	Pass	5499.9916	Pass
0	120	5500.0154	Pass	5500.0177	Pass	5500.0148	Pass	5500.0154	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5500 MHz									
Temp. (℃)	Power Supply (Vac)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
20	138	5499.9671	Pass	5499.9675	Pass	5499.969	Pass	5499.9684	Pass
	120	5499.9749	Pass	5499.9713	Pass	5499.9753	Pass	5499.9757	Pass
	102	5499.9801	Pass	5499.9757	Pass	5499.9806	Pass	5499.9783	Pass

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Wayne Lin

Test Mode C

Radio 2

802.11a

Frequency Stability Versus Temperature									
Operating Frequency: 5260 MHz									
Temp. (℃)	Power Supply (Vac)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
50	120	5260.0109	Pass	5260.0097	Pass	5260.0118	Pass	5260.0108	Pass
40	120	5259.997	Pass	5259.9981	Pass	5259.9963	Pass	5259.9963	Pass
30	120	5260.011	Pass	5260.0138	Pass	5260.0108	Pass	5260.0121	Pass
20	120	5260.0224	Pass	5260.0242	Pass	5260.0203	Pass	5260.0207	Pass
10	120	5260.0124	Pass	5260.0122	Pass	5260.0116	Pass	5260.0116	Pass
0	120	5259.9903	Pass	5259.9873	Pass	5259.9897	Pass	5259.9903	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5260 MHz									
Temp. (℃)	Power Supply (Vac)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
20	138	5260.0278	Pass	5260.0282	Pass	5260.0244	Pass	5260.0266	Pass
	120	5260.0224	Pass	5260.0242	Pass	5260.0203	Pass	5260.0207	Pass
	102	5260.0279	Pass	5260.0236	Pass	5260.0259	Pass	5260.0236	Pass

Input Power:	120 Vac, 60 Hz	Environmental Conditions:	25°C, 60% RH	Tested By:	Alan Wu/Wayne Lin

Test Mode E

Radio 3

802.11a

Frequency Stability Versus Temperature									
Operating Frequency: 5260 MHz									
Temp. (℃)	Power Supply (Vac)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
50	120	5259.9797	Pass	5259.9838	Pass	5259.9806	Pass	5259.9796	Pass
40	120	5260.0184	Pass	5260.0194	Pass	5260.0177	Pass	5260.0215	Pass
30	120	5259.9987	Pass	5260.0015	Pass	5259.9985	Pass	5259.9998	Pass
20	120	5260.0102	Pass	5260.012	Pass	5260.0106	Pass	5260.011	Pass
10	120	5260.0155	Pass	5260.0153	Pass	5260.0146	Pass	5260.0165	Pass
0	120	5260.008	Pass	5260.0103	Pass	5260.0075	Pass	5260.0081	Pass

Frequency Stability Versus Voltage									
Operating Frequency: 5260 MHz									
Temp. (℃)	Power Supply (Vac)	0 Minute		2 Minutes		5 Minutes		10 Minutes	
		Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result	Measured Frequency (MHz)	Test Result
20	138	5259.9998	Pass	5260.0001	Pass	5260.0002	Pass	5260.0024	Pass
	120	5260.0102	Pass	5260.012	Pass	5260.0106	Pass	5260.011	Pass
	102	5260.0192	Pass	5260.0149	Pass	5260.0144	Pass	5260.0173	Pass

7.6 AC Power Conducted Emissions

Radio 1

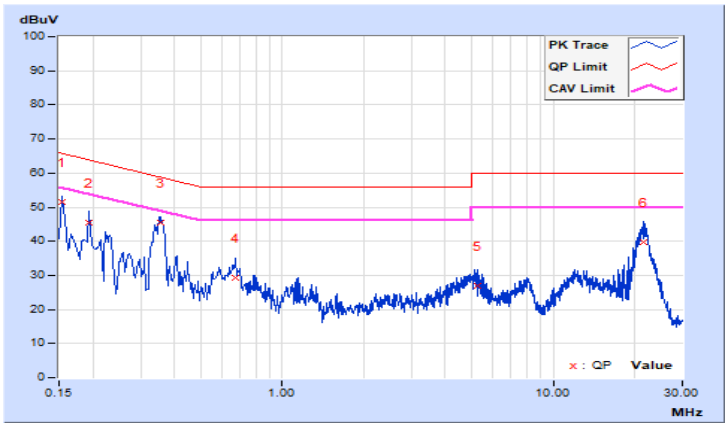
Test Mode A

RF Mode	802.11ax (HE40)	**Channel**	CH 110：5550 MHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 30 MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP), 200 Hz; Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Phase Of Power : Line (L)										
No	**Frequency (MHz)**	**Correction Factor (dB)**	**Reading Value (dBuV)**		**Emission Level (dBuV)**		**Limit (dBuV)**		**Margin (dB)**	
			Q.P.	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**
1	0.15400	10.19	41.22	28.08	51.41	38.27	65.78	55.78	-14.37	-17.51
2	0.19400	10.22	35.33	21.11	45.55	31.33	63.86	53.86	-18.31	-22.53
3	**0.35800**	**10.24**	**35.11**	**28.32**	**45.35**	**38.56**	**58.77**	**48.77**	**-13.42**	**-10.21**
4	0.67000	10.26	18.95	12.50	29.21	22.76	56.00	46.00	-26.79	-23.24
5	5.23000	10.43	16.50	6.91	26.93	17.34	60.00	50.00	-33.07	-32.66
6	21.45800	10.60	29.20	20.38	39.80	30.98	60.00	50.00	-20.20	-19.02

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

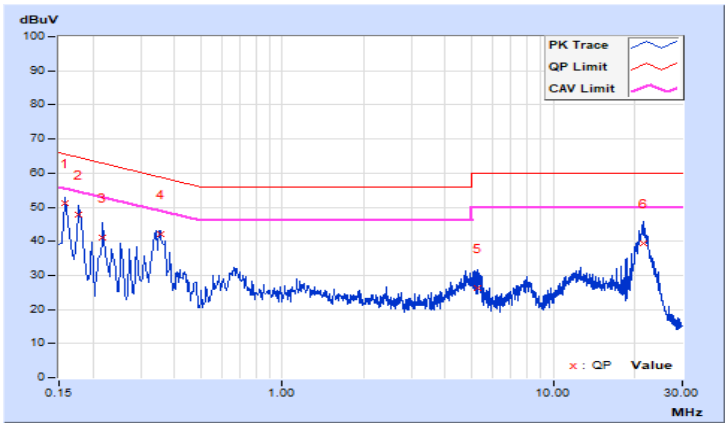


RF Mode	802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP), 200 Hz; Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15800	10.18	40.97	26.53	51.15	36.71	65.57	55.57	-14.42	-18.86
2	0.17800	10.20	37.64	23.95	47.84	34.15	64.58	54.58	-16.74	-20.43
3	0.21800	10.21	30.99	16.50	41.20	26.71	62.89	52.89	-21.69	-26.18
4	0.35400	10.24	31.99	24.47	42.23	34.71	58.87	48.87	-16.64	-14.16
5	5.24200	10.46	15.93	6.21	26.39	16.67	60.00	50.00	-33.61	-33.33
6	21.57000	10.75	28.54	19.93	39.29	30.68	60.00	50.00	-20.71	-19.32

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



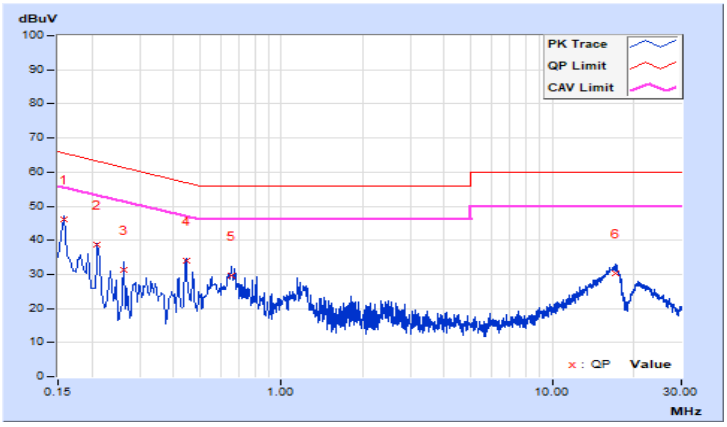
Test Mode B

RF Mode	802.11ax (HE40)	**Channel**	CH 110：5550 MHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 30 MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP), 200 Hz; Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Phase Of Power : Line (L)										
No	**Frequency (MHz)**	**Correction Factor (dB)**	**Reading Value (dBuV)**		**Emission Level (dBuV)**		**Limit (dBuV)**		**Margin (dB)**	
			Q.P.	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**
1	0.15800	10.12	36.05	26.95	46.17	37.07	65.57	55.57	-19.40	-18.50
2	0.21000	10.14	28.55	18.24	38.69	28.38	63.21	53.21	-24.52	-24.83
3	0.26200	10.15	21.15	9.16	31.30	19.31	61.37	51.37	-30.07	-32.06
4	0.44600	10.16	23.72	21.84	33.88	32.00	56.95	46.95	-23.07	-14.95
5	0.65763	10.17	19.51	13.17	29.68	23.34	56.00	46.00	-26.32	-22.66
6	17.11400	10.38	19.97	15.62	30.35	26.00	60.00	50.00	-29.65	-24.00

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

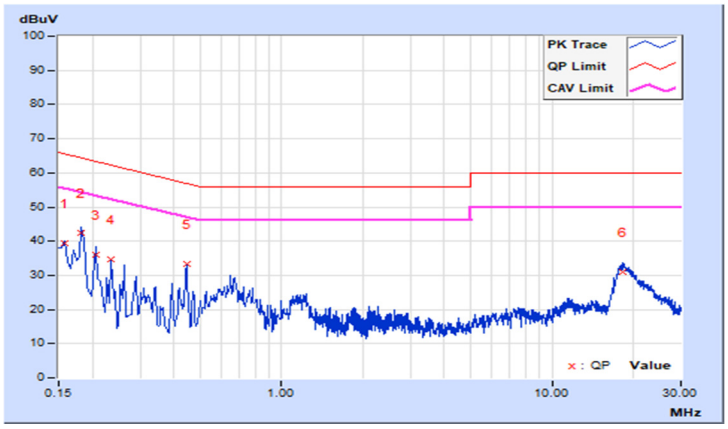


RF Mode	802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP), 200 Hz; Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15770	10.13	29.22	28.27	39.35	38.40	65.58	55.58	-26.23	-17.18
2	0.18200	10.14	32.41	23.76	42.55	33.90	64.39	54.39	-21.84	-20.49
3	0.20600	10.15	25.81	16.38	35.96	26.53	63.37	53.37	-27.41	-26.84
4	0.23400	10.15	24.49	13.26	34.64	23.41	62.31	52.31	-27.67	-28.90
5	0.44600	10.17	23.11	21.24	33.28	31.41	56.95	46.95	-23.67	-15.54
6	18.16600	10.53	20.60	16.54	31.13	27.07	60.00	50.00	-28.87	-22.93

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



Radio 2

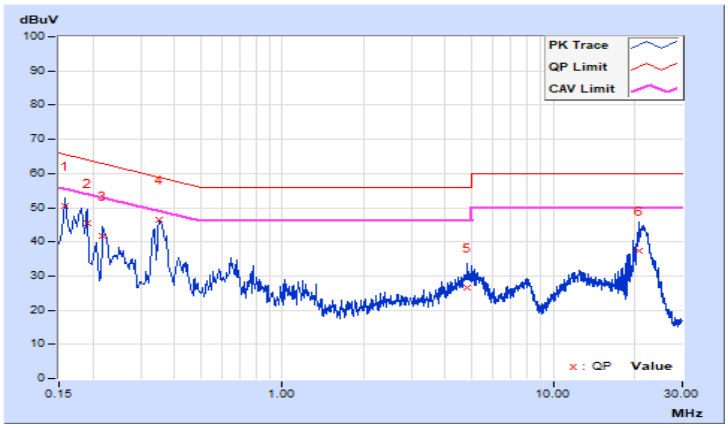
Test Mode C

RF Mode	802.11ax (HE40)	**Channel**	CH 54：5270 MHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 30 MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP), 200 Hz; Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Phase Of Power : Line (L)										
No	**Frequency (MHz)**	**Correction Factor (dB)**	**Reading Value (dBuV)**		**Emission Level (dBuV)**		**Limit (dBuV)**		**Margin (dB)**	
			Q.P.	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**
1	0.15800	10.19	40.31	26.47	50.50	36.66	65.57	55.57	-15.07	-18.91
2	0.19000	10.21	35.28	21.60	45.49	31.81	64.04	54.04	-18.55	-22.23
3	0.21800	10.22	31.57	17.71	41.79	27.93	62.89	52.89	-21.10	-24.96
4	0.35000	10.24	36.07	28.21	46.31	38.45	58.96	48.96	-12.65	-10.51
5	4.83000	10.43	16.15	7.51	26.58	17.94	56.00	46.00	-29.42	-28.06
6	20.67800	10.62	26.59	16.36	37.21	26.98	60.00	50.00	-22.79	-23.02

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

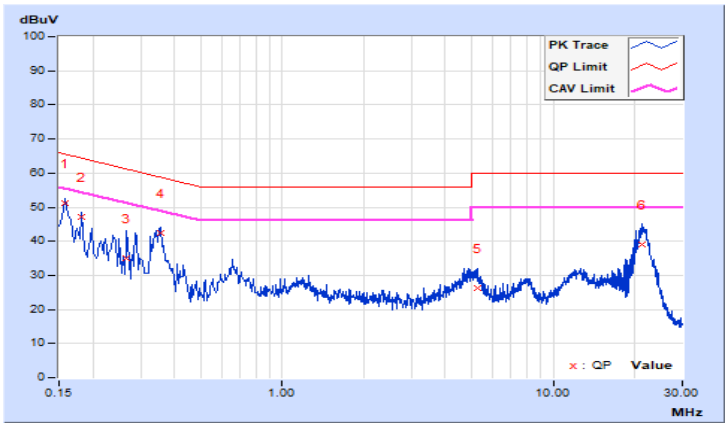


RF Mode	802.11ax (HE40)	Channel	CH 54：5270 MHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP), 200 Hz; Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15800	10.18	40.92	26.28	51.10	36.46	65.57	55.57	-14.47	-19.11
2	0.18200	10.20	37.02	23.75	47.22	33.95	64.39	54.39	-17.17	-20.44
3	0.26600	10.22	24.84	9.22	35.06	19.44	61.24	51.24	-26.18	-31.80
4	0.35400	10.24	32.13	24.67	42.37	34.91	58.87	48.87	-16.50	-13.96
5	5.25400	10.46	15.85	6.13	26.31	16.59	60.00	50.00	-33.69	-33.41
6	21.26200	10.76	28.38	19.32	39.14	30.08	60.00	50.00	-20.86	-19.92

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



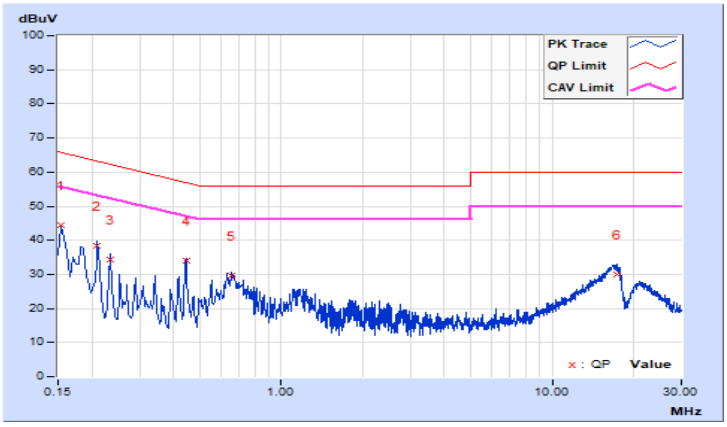
Test Mode D

RF Mode	802.11ax (HE40)	Channel	CH 54：5270 MHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP), 200 Hz; Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15400	10.12	34.47	26.33	44.59	36.45	65.78	55.78	-21.19	-19.33
2	0.21000	10.14	28.35	17.20	38.49	27.34	63.21	53.21	-24.72	-25.87
3	0.23400	10.14	24.29	12.32	34.43	22.46	62.31	52.31	-27.88	-29.85
4	0.44529	10.16	23.73	22.20	33.89	32.36	56.96	46.96	-23.07	-14.60
5	0.65800	10.17	19.43	12.95	29.60	23.12	56.00	46.00	-26.40	-22.88
6	17.29400	10.38	19.62	15.13	30.00	25.51	60.00	50.00	-30.00	-24.49

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

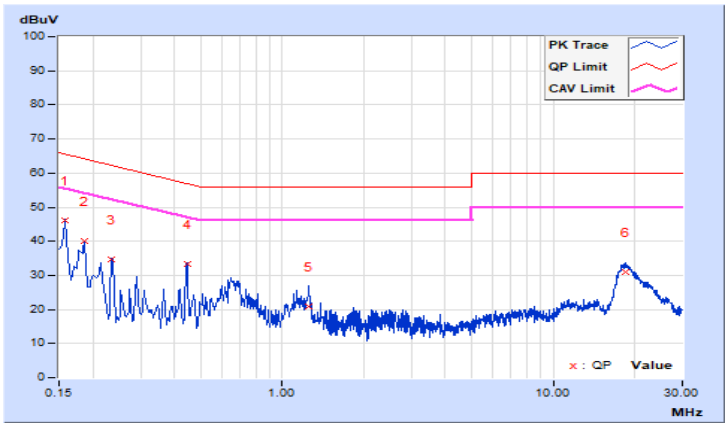


RF Mode	802.11ax (HE40)	Channel	CH 54：5270 MHz
Frequency Range	9 kHz ~ 150 kHz; 150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP), 200 Hz; Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15800	10.13	36.08	27.94	46.21	38.07	65.57	55.57	-19.36	-17.50
2	0.18600	10.14	30.03	21.54	40.17	31.68	64.21	54.21	-24.04	-22.53
3	0.23400	10.15	24.42	13.23	34.57	23.38	62.31	52.31	-27.74	-28.93
4	0.44529	10.17	23.02	21.62	33.19	31.79	56.96	46.96	-23.77	-15.17
5	1.25400	10.20	10.82	4.95	21.02	15.15	56.00	46.00	-34.98	-30.85
6	18.47800	10.53	20.45	15.41	30.98	25.94	60.00	50.00	-29.02	-24.06

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



Radio 3

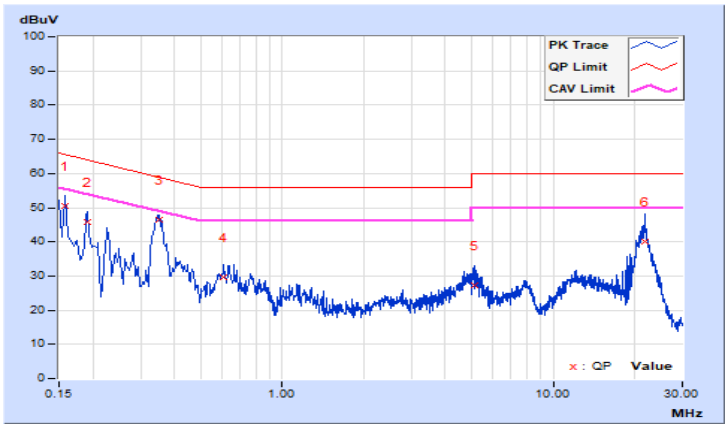
Test Mode E

RF Mode	802.11ax (HE40)	**Channel**	CH 110：5550 MHz
Frequency Range	150kHz ~ 30MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Phase Of Power : Line (L)										
No	**Frequency (MHz)**	**Correction Factor (dB)**	**Reading Value (dBuV)**		**Emission Level (dBuV)**		**Limit (dBuV)**		**Margin (dB)**	
			Q.P.	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**
1	0.15800	10.19	40.26	26.49	50.45	36.68	65.57	55.57	-15.12	-18.89
2	0.19000	10.21	35.42	21.68	45.63	31.89	64.04	54.04	-18.41	-22.15
3	0.34944	10.24	36.06	27.85	46.30	38.09	58.98	48.98	-12.68	-10.89
4	0.61000	10.26	19.22	13.16	29.48	23.42	56.00	46.00	-26.52	-22.58
5	5.12600	10.43	16.97	7.68	27.40	18.11	60.00	50.00	-32.60	-31.89
6	21.71400	10.60	29.36	20.94	39.96	31.54	60.00	50.00	-20.04	-18.46

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

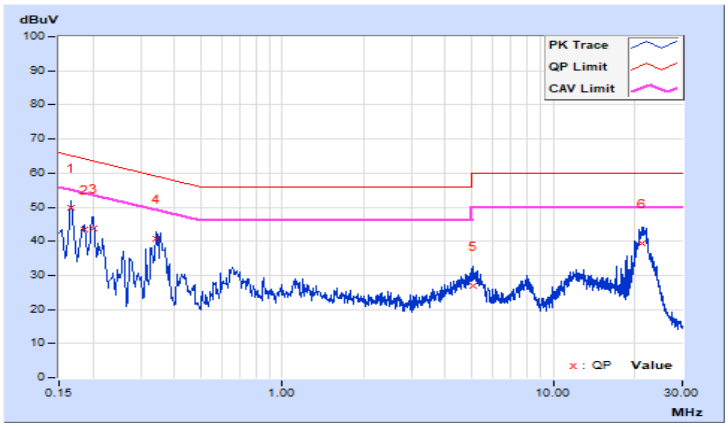


RF Mode	802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Phase Of Power : Neutral (N)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.16600	10.19	39.68	23.54	49.87	33.73	65.16	55.16	-15.29	-21.43
2	0.18568	10.20	33.15	22.97	43.35	33.17	64.23	54.23	-20.88	-21.06
3	0.19989	10.21	33.51	19.08	43.72	29.29	63.62	53.62	-19.90	-24.33
4	0.34200	10.24	30.60	20.36	40.84	30.60	59.15	49.15	-18.31	-18.55
5	5.03800	10.46	16.37	7.25	26.83	17.71	60.00	50.00	-33.17	-32.29
6	21.37400	10.75	28.79	19.74	39.54	30.49	60.00	50.00	-20.46	-19.51

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



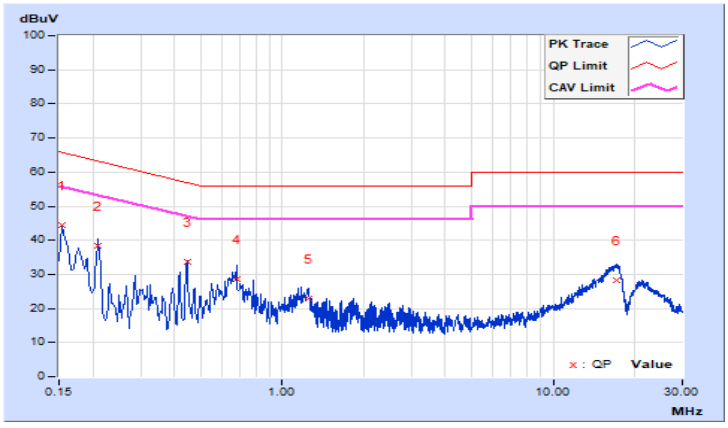
Test Mode F

RF Mode	802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	150kHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 66% RH
Tested By	Titan Hsu		

Phase Of Power : Line (L)										
No	Frequency (MHz)	Correction Factor (dB)	Reading Value (dBuV)		Emission Level (dBuV)		Limit (dBuV)		Margin (dB)	
			Q.P.	AV.	Q.P.	AV.	Q.P.	AV.	Q.P.	AV.
1	0.15400	10.12	34.46	26.29	44.58	36.41	65.78	55.78	-21.20	-19.37
2	0.21000	10.14	28.39	17.28	38.53	27.42	63.21	53.21	-24.68	-25.79
3	0.44600	10.16	23.40	21.88	33.56	32.04	56.95	46.95	-23.39	-14.91
4	0.67800	10.17	18.45	11.93	28.62	22.10	56.00	46.00	-27.38	-23.90
5	1.25400	10.19	12.82	6.99	23.01	17.18	56.00	46.00	-32.99	-28.82
6	17.05800	10.38	18.00	12.09	28.38	22.47	60.00	50.00	-31.62	-27.53

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value

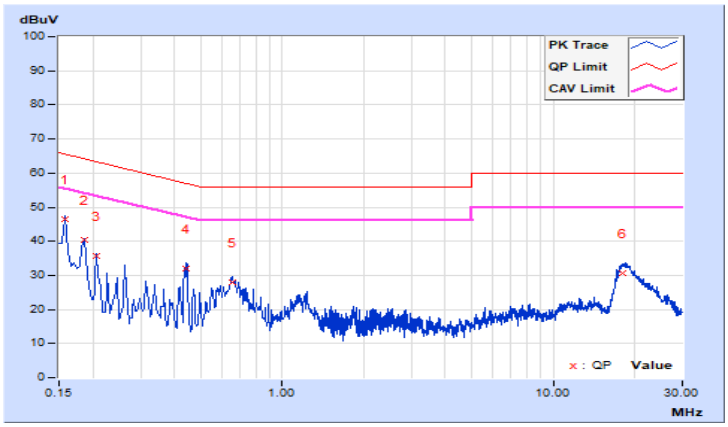


RF Mode	802.11ax (HE40)	**Channel**	CH 110：5550 MHz
Frequency Range	150kHz ~ 30MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	23°C, 66% RH
Tested By	Titan Hsu		

Phase Of Power : Neutral (N)										
No	**Frequency (MHz)**	**Correction Factor (dB)**	**Reading Value (dBuV)**		**Emission Level (dBuV)**		**Limit (dBuV)**		**Margin (dB)**	
			Q.P.	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**	**Q.P.**	**AV.**
1	0.15800	10.13	36.21	27.97	46.34	38.10	65.57	55.57	-19.23	-17.47
2	0.18600	10.14	30.16	21.54	40.30	31.68	64.21	54.21	-23.91	-22.53
3	0.20600	10.15	25.60	16.16	35.75	26.31	63.37	53.37	-27.62	-27.06
4	0.44200	10.17	21.73	19.73	31.90	29.90	57.02	47.02	-25.12	-17.12
5	0.65400	10.18	17.73	11.14	27.91	21.32	56.00	46.00	-28.09	-24.68
6	17.98600	10.52	20.03	15.61	30.55	26.13	60.00	50.00	-29.45	-23.87

Remarks:

1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. The emission levels of other frequencies were very low against the limit.
3. Margin value = Emission level – Limit value
4. Correction factor = Insertion loss + Cable loss
5. Emission Level = Correction Factor + Reading Value



7.7 Unwanted Emissions below 1 GHz

Radio 1

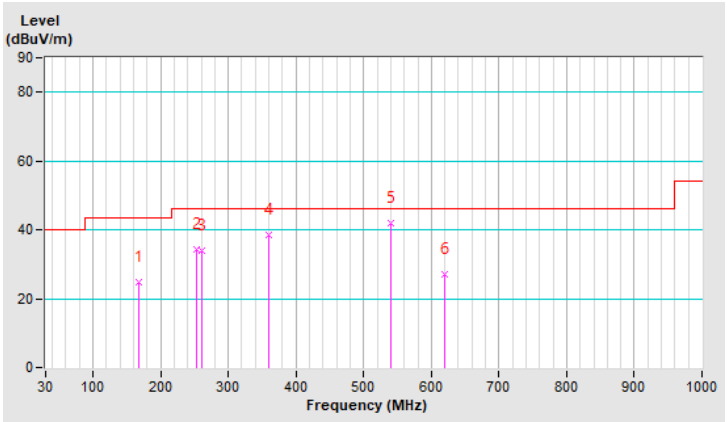
Test Mode A

RF Mode	802.11ax (HE40)	**Channel**	CH 110：5550 MHz
Frequency Range	9 kHz ~ 1 GHz	**Detector Function & Bandwidth**	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 59% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	167.55	24.8 QP	43.5	-18.7	1.78 H	88	42.7	-17.9
2	253.30	34.4 QP	46.0	-11.6	1.97 H	7	53.4	-19.0
3	260.55	34.0 QP	46.0	-12.0	1.89 H	336	52.6	-18.6
4	360.41	38.5 QP	46.0	-7.5	1.75 H	5	54.4	-15.9
5	540.00	41.9 QP	46.0	-4.1	1.42 H	155	53.8	-11.9
6	619.99	27.1 QP	46.0	-18.9	1.50 H	266	37.3	-10.2

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

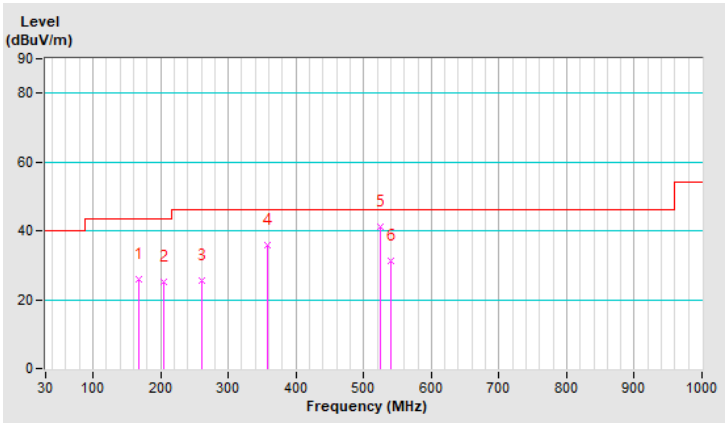


RF Mode	802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	168.54	26.1 QP	43.5	-17.4	1.85 V	347	44.0	-17.9
2	205.44	25.3 QP	43.5	-18.2	1.85 V	333	46.3	-21.0
3	259.90	25.7 QP	46.0	-20.3	1.45 V	144	44.3	-18.6
4	357.88	36.0 QP	46.0	-10.0	1.50 V	192	51.9	-15.9
5	524.44	41.1 QP	46.0	-4.9	1.89 V	9	53.3	-12.2
6	540.00	31.1 QP	46.0	-14.9	1.15 V	125	43.0	-11.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



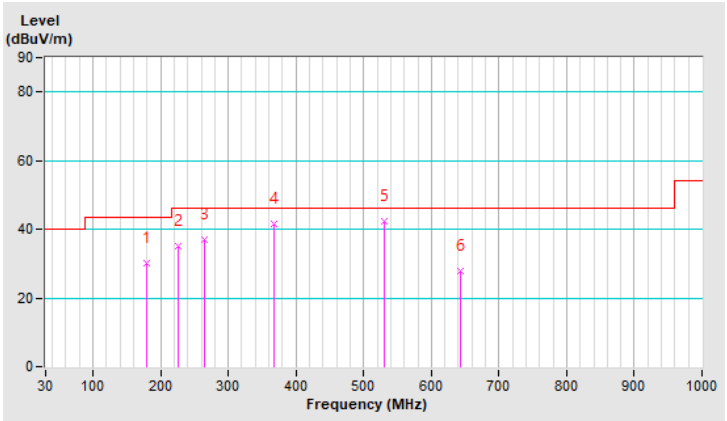
Test Mode B

RF Mode	802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	178.87	30.2 QP	43.5	-13.3	1.90 H	141	49.2	-19.0
2	225.00	34.9 QP	46.0	-11.1	1.46 H	307	55.7	-20.8
3	265.56	37.1 QP	46.0	-8.9	1.82 H	23	55.5	-18.4
4	366.64	41.4 QP	46.0	-4.6	1.78 H	177	57.0	-15.6
5	530.87	42.5 QP	46.0	-3.5	1.15 H	198	54.6	-12.1
6	644.00	27.9 QP	46.0	-18.1	1.80 H	180	37.7	-9.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

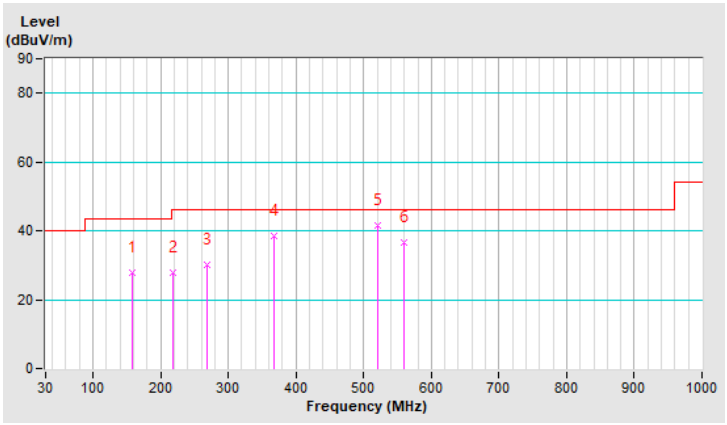


RF Mode	802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	158.84	27.7 QP	43.5	-15.8	1.80 V	169	45.3	-17.6
2	217.77	28.0 QP	46.0	-18.0	1.60 V	326	48.7	-20.7
3	267.78	30.0 QP	46.0	-16.0	1.90 V	314	48.2	-18.2
4	366.65	38.7 QP	46.0	-7.3	1.78 V	197	54.3	-15.6
5	520.25	41.7 QP	46.0	-4.3	1.14 V	145	54.0	-12.3
6	560.10	36.5 QP	46.0	-9.5	1.00 V	101	48.2	-11.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



Radio 2

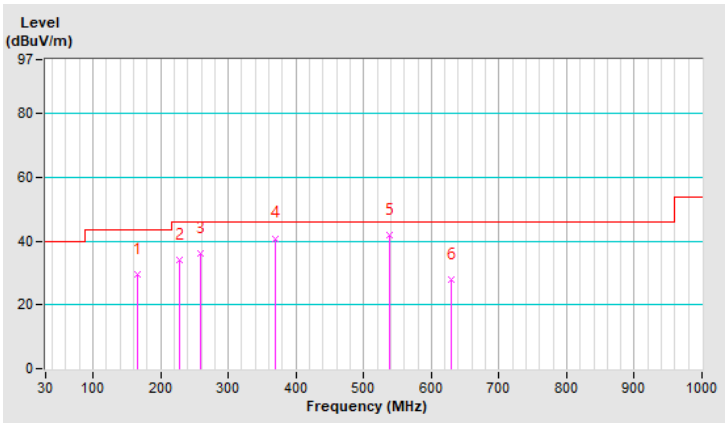
Test Mode C

RF Mode	802.11ax (HE40)	Channel	CH 54：5270 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	165.82	29.5 QP	43.5	-14.0	1.17 H	178	47.3	-17.8
2	228.51	34.1 QP	46.0	-11.9	1.53 H	110	54.5	-20.4
3	258.91	36.0 QP	46.0	-10.0	1.46 H	246	54.7	-18.7
4	370.11	40.9 QP	46.0	-5.1	1.14 H	141	56.3	-15.4
5	537.90	42.0 QP	46.0	-4.0	1.43 H	331	54.0	-12.0
6	628.81	27.9 QP	46.0	-18.1	1.03 H	100	37.9	-10.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

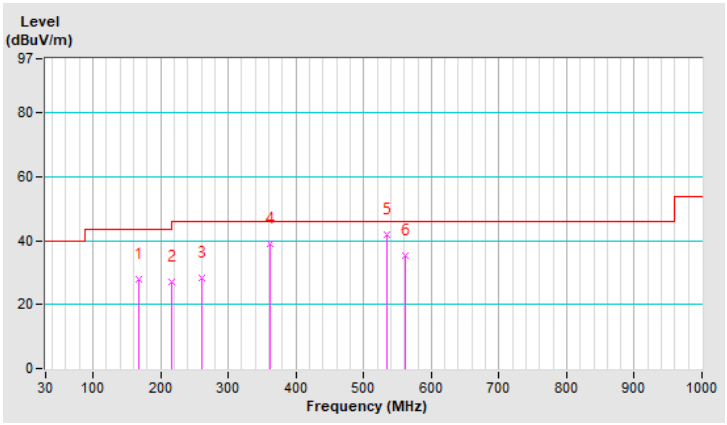


RF Mode	802.11ax (HE40)	Channel	CH 54：5270 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	167.91	28.0 QP	43.5	-15.5	1.72 V	117	45.8	-17.8
2	215.51	27.3 QP	43.5	-16.2	1.46 V	100	48.0	-20.7
3	260.30	28.3 QP	46.0	-17.7	1.78 V	227	46.9	-18.6
4	360.80	39.1 QP	46.0	-6.9	1.04 V	200	55.0	-15.9
5	534.41	41.8 QP	46.0	-4.2	1.45 V	160	53.8	-12.0
6	561.35	35.3 QP	46.0	-10.7	1.99 V	297	47.0	-11.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



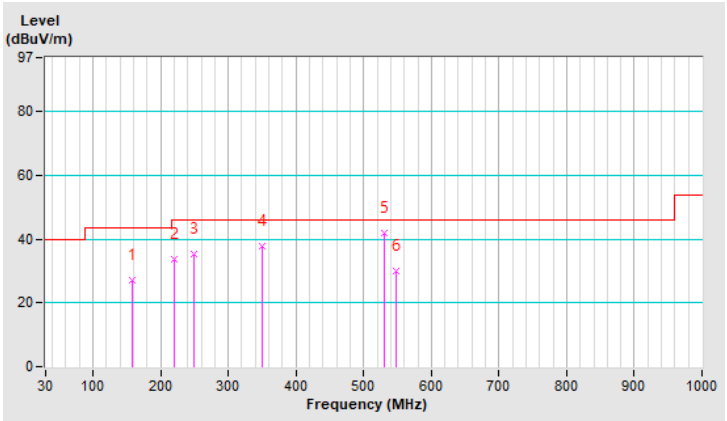
Test Mode D

RF Mode	802.11ax (HE40)	Channel	CH 54：5270 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	157.74	27.0 QP	43.5	-16.5	1.45 H	182	44.5	-17.5
2	219.63	33.8 QP	46.0	-12.2	1.45 H	105	54.5	-20.7
3	249.41	35.5 QP	46.0	-10.5	1.11 H	327	54.5	-19.0
4	350.52	37.8 QP	46.0	-8.2	1.78 H	49	53.8	-16.0
5	530.33	42.0 QP	46.0	-4.0	1.45 H	55	54.1	-12.1
6	548.88	30.1 QP	46.0	-15.9	1.39 H	90	41.9	-11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

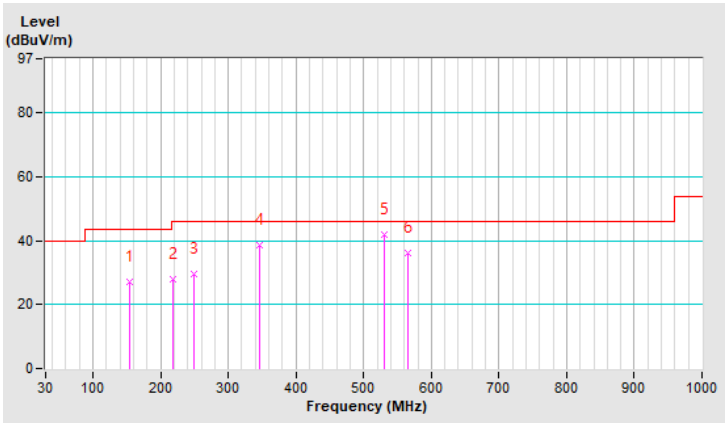


RF Mode	802.11ax (HE40)	**Channel**	CH 54：5270 MHz
Frequency Range	9 kHz ~ 1 GHz	**Detector Function & Bandwidth**	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 59% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	154.45	27.3 QP	43.5	-16.2	1.62 V	141	44.8	-17.5
2	218.84	28.0 QP	46.0	-18.0	1.46 V	106	48.7	-20.7
3	248.97	29.4 QP	46.0	-16.6	1.05 V	126	48.4	-19.0
4	345.82	38.7 QP	46.0	-7.3	1.77 V	161	54.8	-16.1
5	530.00	41.8 QP	46.0	-4.2	1.45 V	11	53.9	-12.1
6	565.00	36.0 QP	46.0	-10.0	1.06 V	350	47.6	-11.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



Radio 3

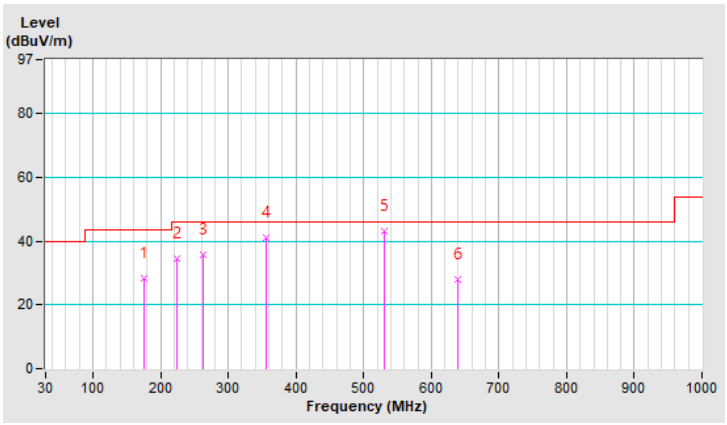
Test Mode E

RF Mode	802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 60% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	174.99	28.5 QP	43.5	-15.0	1.13 H	315	47.0	-18.5
2	224.52	34.4 QP	46.0	-11.6	1.07 H	100	55.2	-20.8
3	261.93	35.8 QP	46.0	-10.2	1.78 H	130	54.3	-18.5
4	355.54	41.0 QP	46.0	-5.0	1.24 H	188	56.9	-15.9
5	**530.90**	**43.0 QP**	**46.0**	**-3.0**	**1.45 H**	**121**	**55.1**	**-12.1**
6	639.10	27.8 QP	46.0	-18.2	1.15 H	19	37.7	-9.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

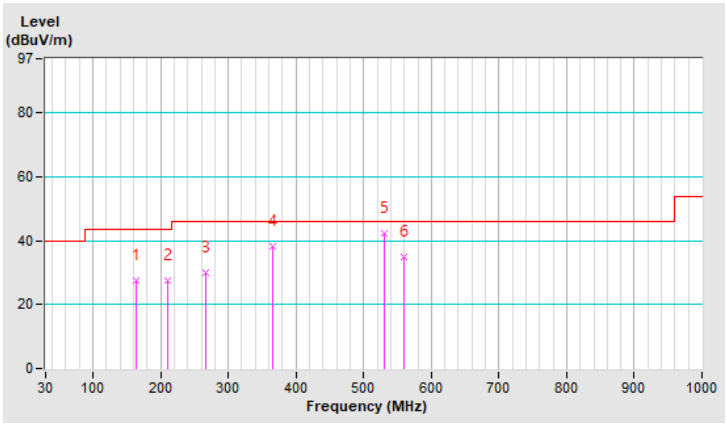


RF Mode	802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 60% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	163.32	27.4 QP	43.5	-16.1	1.14 V	145	45.0	-17.6
2	211.10	27.6 QP	43.5	-15.9	1.50 V	184	48.4	-20.8
3	265.71	29.8 QP	46.0	-16.2	1.04 V	103	48.1	-18.3
4	366.56	38.4 QP	46.0	-7.6	1.14 V	151	54.0	-15.6
5	529.94	42.3 QP	46.0	-3.7	1.45 V	322	54.5	-12.2
6	560.00	35.1 QP	46.0	-10.9	1.24 V	117	46.8	-11.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



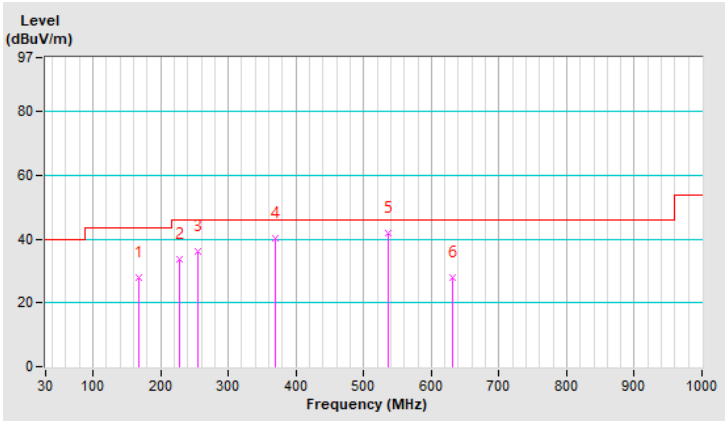
Test Mode F

RF Mode	802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 60% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	167.22	28.1 QP	43.5	-15.4	1.43 H	332	46.0	-17.9
2	227.81	33.6 QP	46.0	-12.4	1.63 H	309	54.1	-20.5
3	255.54	36.1 QP	46.0	-9.9	1.52 H	199	54.8	-18.7
4	368.84	40.1 QP	46.0	-5.9	1.52 H	163	55.6	-15.5
5	535.43	41.8 QP	46.0	-4.2	1.60 H	3	53.8	-12.0
6	630.80	27.9 QP	46.0	-18.1	1.64 H	216	37.9	-10.0

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.

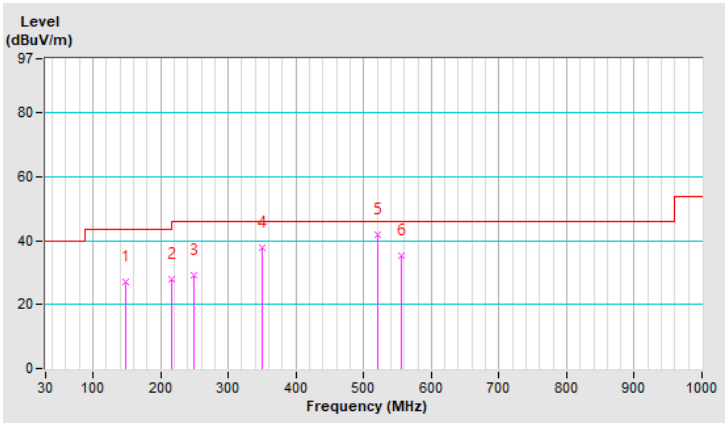


RF Mode	802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	9 kHz ~ 1 GHz	Detector Function & Bandwidth	(QP) RB = 120kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 60% RH
Tested By	Karl Lee		

Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	148.87	27.1 QP	43.5	-16.4	1.14 V	140	44.7	-17.6
2	215.51	28.0 QP	43.5	-15.5	1.63 V	333	48.7	-20.7
3	249.94	29.3 QP	46.0	-16.7	1.88 V	347	48.3	-19.0
4	350.51	37.8 QP	46.0	-8.2	1.56 V	160	53.8	-16.0
5	519.94	42.0 QP	46.0	-4.0	1.45 V	123	54.3	-12.3
6	555.84	35.2 QP	46.0	-10.8	1.05 V	271	47.0	-11.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit of frequency range 30 MHz ~ 1 GHz.
5. The emission levels were very low against the limit of frequency range 9 kHz ~ 30 MHz: the amplitude of spurious emissions attenuated more than 20 dB below the permissible value to be report.



7.8 Unwanted Emissions above 1 GHz

Test Mode A

Radio 1

RF Mode	802.11a	**Channel**	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	**Detector Function & Bandwidth**	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	**Environmental Conditions**	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5460.00	58.0 PK	74.0	-16.0	2.35 H	179	45.3	12.7
2	5460.00	47.9 AV	54.0	-6.1	2.35 H	179	35.2	12.7
3	#5470.00	61.6 PK	68.2	-6.6	2.35 H	179	48.9	12.7
4	*5500.00	110.9 PK			2.35 H	179	67.7	43.2
5	*5500.00	103.7 AV			2.35 H	179	60.5	43.2
6	11000.00	58.0 PK	74.0	-16.0	1.32 H	250	39.9	18.1
7	11000.00	48.1 AV	54.0	-5.9	1.32 H	250	30.0	18.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	**Frequency (MHz)**	**Emission Level (dBuV/m)**	**Limit (dBuV/m)**	**Margin (dB)**	**Antenna Height (m)**	**Table Angle (Degree)**	**Raw Value (dBuV)**	**Correction Factor (dB/m)**
1	5460.00	60.6 PK	74.0	-13.4	2.47 V	168	47.9	12.7
2	5460.00	48.7 AV	54.0	-5.3	2.47 V	168	36.0	12.7
3	#5470.00	66.7 PK	68.2	-1.5	2.47 V	168	54.0	12.7
4	*5500.00	114.3 PK			2.50 V	170	71.1	43.2
5	*5500.00	107.7 AV			2.50 V	170	64.5	43.2
6	11000.00	58.1 PK	74.0	-15.9	1.31 V	118	40.0	18.1
7	11000.00	48.3 AV	54.0	-5.7	1.31 V	118	30.2	18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	117.6 PK			2.35 H	179	74.2	43.4
2	*5580.00	110.3 AV			2.35 H	179	66.9	43.4
3	11160.00	60.5 PK	74.0	-13.5	1.32 H	29	42.4	18.1
4	11160.00	50.7 AV	54.0	-3.3	1.32 H	29	32.6	18.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	121.0 PK			2.47 V	168	77.6	43.4
2	*5580.00	114.7 AV			2.47 V	168	71.3	43.4
3	11160.00	61.2 PK	74.0	-12.8	1.81 V	171	43.1	18.1
4	11160.00	52.9 AV	54.0	-1.1	1.81 V	171	34.8	18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11a	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	111.3 PK			2.35 H	179	67.9	43.4
2	*5700.00	104.5 AV			2.35 H	179	61.1	43.4
3	#5725.00	62.3 PK	68.2	-5.9	2.35 H	179	49.5	12.8
4	11400.00	58.5 PK	74.0	-15.5	1.05 H	100	39.9	18.6
5	11400.00	49.2 AV	54.0	-4.8	1.05 H	100	30.6	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	115.0 PK			2.47 V	167	71.6	43.4
2	*5700.00	108.4 AV			2.47 V	167	65.0	43.4
3	#5725.00	66.7 PK	68.2	-1.5	2.48 V	169	53.9	12.8
4	11400.00	58.9 PK	74.0	-15.1	1.23 V	360	40.3	18.6
5	11400.00	49.7 AV	54.0	-4.3	1.23 V	360	31.1	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.1 PK	74.0	-15.9	2.35 H	179	45.4	12.7
2	5460.00	47.6 AV	54.0	-6.4	2.35 H	179	34.9	12.7
3	#5470.00	58.2 PK	68.2	-10.0	2.35 H	179	45.5	12.7
4	*5720.00	116.6 PK			2.35 H	179	73.0	43.6
5	*5720.00	108.7 AV			2.35 H	179	65.1	43.6
6	11440.00	58.7 PK	74.0	-15.3	1.04 H	17	40.1	18.6
7	11440.00	49.0 AV	54.0	-5.0	1.04 H	17	30.4	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.4 PK	74.0	-15.6	2.47 V	168	45.7	12.7
2	5460.00	47.7 AV	54.0	-6.3	2.47 V	168	35.0	12.7
3	#5470.00	59.6 PK	68.2	-8.6	2.47 V	168	46.9	12.7
4	*5720.00	119.4 PK			2.47 V	168	75.8	43.6
5	*5720.00	111.6 AV			2.47 V	168	68.0	43.6
6	11440.00	61.5 PK	74.0	-12.5	1.56 V	186	42.9	18.6
7	11440.00	51.3 AV	54.0	-2.7	1.56 V	186	32.7	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.6 PK	74.0	-15.4	2.35 H	179	45.9	12.7
2	5460.00	48.0 AV	54.0	-6.0	2.35 H	179	35.3	12.7
3	#5470.00	60.3 PK	68.2	-7.9	2.35 H	179	47.6	12.7
4	*5500.00	111.1 PK			2.35 H	179	67.9	43.2
5	*5500.00	104.7 AV			2.35 H	179	61.5	43.2
6	11000.00	58.4 PK	74.0	-15.6	1.63 H	359	40.3	18.1
7	11000.00	48.3 AV	54.0	-5.7	1.63 H	359	30.2	18.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.4 PK	74.0	-12.6	2.50 V	169	48.7	12.7
2	5460.00	49.8 AV	54.0	-4.2	2.50 V	169	37.1	12.7
3	#5470.00	66.7 PK	68.2	-1.5	2.50 V	169	54.0	12.7
4	*5500.00	115.2 PK			2.47 V	168	72.0	43.2
5	*5500.00	108.7 AV			2.47 V	168	65.5	43.2
6	11000.00	58.4 PK	74.0	-15.6	1.04 V	163	40.3	18.1
7	11000.00	48.9 AV	54.0	-5.1	1.04 V	163	30.8	18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	116.4 PK			2.35 H	179	73.0	43.4
2	*5580.00	109.8 AV			2.35 H	179	66.4	43.4
3	11160.00	58.8 PK	74.0	-15.2	1.74 H	4	40.7	18.1
4	11160.00	49.0 AV	54.0	-5.0	1.74 H	4	30.9	18.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	120.8 PK			2.47 V	168	77.4	43.4
2	*5580.00	113.3 AV			2.47 V	168	69.9	43.4
3	11160.00	59.6 PK	74.0	-14.4	1.32 V	274	41.5	18.1
4	11160.00	49.9 AV	54.0	-4.1	1.32 V	274	31.8	18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE20)	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	111.4 PK			2.35 H	179	68.0	43.4
2	*5700.00	101.2 AV			2.35 H	179	57.8	43.4
3	#5725.00	63.3 PK	68.2	-4.9	2.35 H	172	50.5	12.8
4	11400.00	58.7 PK	74.0	-15.3	1.28 H	307	40.1	18.6
5	11400.00	49.3 AV	54.0	-4.7	1.28 H	307	30.7	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	113.2 PK			2.47 V	167	69.8	43.4
2	*5700.00	104.5 AV			2.47 V	167	61.1	43.4
3	#5725.00	67.1 PK	68.2	-1.1	2.44 V	162	54.3	12.8
4	11400.00	59.1 PK	74.0	-14.9	1.65 V	112	40.5	18.6
5	11400.00	49.5 AV	54.0	-4.5	1.65 V	112	30.9	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.3 PK	74.0	-15.7	2.35 H	179	45.6	12.7
2	5460.00	47.7 AV	54.0	-6.3	2.35 H	179	35.0	12.7
3	#5470.00	58.8 PK	68.2	-9.4	2.35 H	179	46.1	12.7
4	*5720.00	114.8 PK			2.35 H	179	71.2	43.6
5	*5720.00	106.6 AV			2.35 H	179	63.0	43.6
6	11440.00	58.3 PK	74.0	-15.7	1.07 H	111	39.7	18.6
7	11440.00	48.8 AV	54.0	-5.2	1.07 H	111	30.2	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.3 PK	74.0	-15.7	2.47 V	168	45.6	12.7
2	5460.00	48.1 AV	54.0	-5.9	2.47 V	168	35.4	12.7
3	#5470.00	58.7 PK	68.2	-9.5	2.47 V	168	46.0	12.7
4	*5720.00	118.4 PK			2.47 V	168	74.8	43.6
5	*5720.00	110.7 AV			2.47 V	168	67.1	43.6
6	11440.00	60.2 PK	74.0	-13.8	1.07 V	186	41.6	18.6
7	11440.00	50.2 AV	54.0	-3.8	1.07 V	186	31.6	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 102：5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.4 PK	74.0	-18.6	2.39 H	177	42.7	12.7
2	5460.00	48.8 AV	54.0	-5.2	2.39 H	177	36.1	12.7
3	#5470.00	64.5 PK	68.2	-3.7	2.35 H	185	51.8	12.7
4	*5510.00	108.6 PK			2.35 H	179	65.2	43.4
5	*5510.00	100.0 AV			2.35 H	179	56.6	43.4
6	#5725.00	57.4 PK	68.2	-10.8	2.35 H	179	44.6	12.8
7	11020.00	58.3 PK	74.0	-15.7	1.06 H	248	40.2	18.1
8	11020.00	48.7 AV	54.0	-5.3	1.06 H	248	30.6	18.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.2 PK	74.0	-16.8	2.26 V	167	44.5	12.7
2	5460.00	47.7 AV	54.0	-6.3	2.26 V	167	35.0	12.7
3	**#5470.00**	**67.2 PK**	**68.2**	**-1.0**	**2.39 V**	**152**	**54.5**	**12.7**
4	*5510.00	112.9 PK			2.47 V	168	69.5	43.4
5	*5510.00	104.3 AV			2.47 V	168	60.9	43.4
6	#5725.00	57.2 PK	68.2	-11.0	2.47 V	168	44.4	12.8
7	11020.00	58.6 PK	74.0	-15.4	1.35 V	279	40.5	18.1
8	11020.00	49.3 AV	54.0	-4.7	1.35 V	279	31.2	18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.7 PK	74.0	-16.3	2.26 H	174	45.0	12.7
2	5460.00	49.0 AV	54.0	-5.0	2.26 H	174	36.3	12.7
3	#5470.00	63.1 PK	68.2	-5.1	2.35 H	177	50.4	12.7
4	*5550.00	112.6 PK			2.35 H	179	69.2	43.4
5	*5550.00	104.8 AV			2.35 H	179	61.4	43.4
6	#5725.00	59.0 PK	68.2	-9.2	2.35 H	184	46.2	12.8
7	11100.00	58.7 PK	74.0	-15.3	2.06 H	28	40.1	18.6
8	11100.00	49.3 AV	54.0	-4.7	2.06 H	28	30.7	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.4 PK	74.0	-15.6	2.35 V	174	45.7	12.7
2	5460.00	51.3 AV	54.0	-2.7	2.35 V	174	38.6	12.7
3	#5470.00	66.4 PK	68.2	-1.8	2.45 V	157	53.7	12.7
4	*5550.00	116.9 PK			2.47 V	168	73.5	43.4
5	*5550.00	109.2 AV			2.47 V	168	65.8	43.4
6	#5725.00	59.6 PK	68.2	-8.6	2.47 V	168	46.8	12.8
7	11100.00	58.4 PK	74.0	-15.6	1.59 V	41	39.8	18.6
8	11100.00	49.1 AV	54.0	-4.9	1.59 V	41	30.5	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 134：5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.6 PK	74.0	-16.4	2.34 H	172	44.9	12.7
2	5460.00	47.9 AV	54.0	-6.1	2.34 H	172	35.2	12.7
3	#5470.00	58.9 PK	68.2	-9.3	2.44 H	179	46.2	12.7
4	*5670.00	111.7 PK			2.35 H	179	68.2	43.5
5	*5670.00	103.5 AV			2.35 H	179	60.0	43.5
6	#5725.00	64.7 PK	68.2	-3.5	2.35 H	174	51.9	12.8
7	11340.00	58.1 PK	74.0	-15.9	2.05 H	347	39.7	18.4
8	11340.00	48.7 AV	54.0	-5.3	2.05 H	347	30.3	18.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.6 PK	74.0	-17.4	2.57 V	173	43.9	12.7
2	5460.00	48.2 AV	54.0	-5.8	2.57 V	173	35.5	12.7
3	#5470.00	59.0 PK	68.2	-9.2	2.54 V	167	46.3	12.7
4	*5670.00	115.6 PK			2.57 V	173	72.1	43.5
5	*5670.00	107.9 AV			2.57 V	173	64.4	43.5
6	#5725.00	66.4 PK	68.2	-1.8	2.57 V	173	53.6	12.8
7	11340.00	58.7 PK	74.0	-15.3	1.31 V	187	40.3	18.4
8	11340.00	49.3 AV	54.0	-4.7	1.31 V	187	30.9	18.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 142：5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.6 PK	74.0	-15.4	2.35 H	179	45.9	12.7
2	5460.00	47.8 AV	54.0	-6.2	2.35 H	179	35.1	12.7
3	#5470.00	58.8 PK	68.2	-9.4	2.35 H	179	46.1	12.7
4	*5710.00	112.1 PK			2.35 H	179	68.7	43.4
5	*5710.00	104.7 AV			2.35 H	179	61.3	43.4
6	11420.00	58.5 PK	74.0	-15.5	1.06 H	333	39.9	18.6
7	11420.00	48.9 AV	54.0	-5.1	1.06 H	333	30.3	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.4 PK	74.0	-15.6	2.47 V	168	45.7	12.7
2	5460.00	48.8 AV	54.0	-5.2	2.47 V	168	36.1	12.7
3	#5470.00	59.8 PK	68.2	-8.4	2.47 V	168	47.1	12.7
4	*5710.00	115.4 PK			2.47 V	168	72.0	43.4
5	*5710.00	107.9 AV			2.47 V	168	64.5	43.4
6	11420.00	59.2 PK	74.0	-14.8	1.07 V	186	40.6	18.6
7	11420.00	49.7 AV	54.0	-4.3	1.07 V	186	31.1	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80)	Channel	CH 106：5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	54.3 PK	74.0	-19.7	2.35 H	172	41.6	12.7
2	5460.00	46.9 AV	54.0	-7.1	2.35 H	172	34.2	12.7
3	#5470.00	58.4 PK	68.2	-9.8	2.12 H	174	45.7	12.7
4	*5530.00	102.0 PK			2.35 H	179	58.6	43.4
5	*5530.00	93.5 AV			2.35 H	179	50.1	43.4
6	#5725.00	55.4 PK	68.2	-12.8	2.35 H	174	42.6	12.8
7	11060.00	58.8 PK	74.0	-15.2	1.43 H	75	40.5	18.3
8	11060.00	49.5 AV	54.0	-4.5	1.43 H	75	31.2	18.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.4 PK	74.0	-13.6	2.16 V	179	47.7	12.7
2	5460.00	52.9 AV	54.0	-1.1	2.16 V	179	40.2	12.7
3	#5470.00	62.8 PK	68.2	-5.4	2.36 V	166	50.1	12.7
4	*5530.00	105.9 PK			2.33 V	168	62.5	43.4
5	*5530.00	97.8 AV			2.33 V	168	54.4	43.4
6	#5725.00	58.6 PK	68.2	-9.6	2.35 V	163	45.8	12.8
7	11060.00	57.8 PK	74.0	-16.2	1.98 V	16	39.5	18.3
8	11060.00	48.5 AV	54.0	-5.5	1.98 V	16	30.2	18.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80)	Channel	CH 122：5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.4 PK	74.0	-14.6	2.35 H	179	46.7	12.7
2	5460.00	50.1 AV	54.0	-3.9	2.35 H	179	37.4	12.7
3	#5470.00	60.3 PK	68.2	-7.9	2.35 H	179	47.6	12.7
4	*5610.00	108.5 PK			2.35 H	179	65.1	43.4
5	*5610.00	101.3 AV			2.35 H	179	57.9	43.4
6	#5725.00	64.0 PK	68.2	-4.2	2.35 H	179	51.2	12.8
7	11220.00	58.4 PK	74.0	-15.6	1.93 H	3	40.5	17.9
8	11220.00	48.2 AV	54.0	-5.8	1.93 H	3	30.3	17.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	62.7 PK	74.0	-11.3	2.48 V	171	50.0	12.7
2	5460.00	52.4 AV	54.0	-1.6	2.48 V	171	39.7	12.7
3	#5470.00	63.3 PK	68.2	-4.9	2.48 V	171	50.6	12.7
4	*5610.00	111.9 PK			2.47 V	168	68.5	43.4
5	*5610.00	104.7 AV			2.47 V	168	61.3	43.4
6	#5725.00	67.1 PK	68.2	-1.1	2.49 V	172	54.3	12.8
7	11220.00	58.7 PK	74.0	-15.3	1.48 V	117	40.8	17.9
8	11220.00	48.6 AV	54.0	-5.4	1.48 V	117	30.7	17.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80)	Channel	CH 138：5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.6 PK	74.0	-14.4	2.35 H	179	46.9	12.7
2	5460.00	49.1 AV	54.0	-4.9	2.35 H	179	36.4	12.7
3	#5470.00	60.3 PK	68.2	-7.9	2.35 H	179	47.6	12.7
4	#5470.00	61.5 PK	68.2	-6.7	2.35 H	179	48.8	12.7
5	*5690.00	110.7 PK			2.35 H	179	67.3	43.4
6	*5690.00	102.8 AV			2.35 H	179	59.4	43.4
7	11380.00	58.8 PK	74.0	-15.2	1.78 H	38	40.3	18.5
8	11380.00	48.7 AV	54.0	-5.3	1.78 H	38	30.2	18.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.4 PK	74.0	-14.6	2.47 V	168	46.7	12.7
2	5460.00	51.5 AV	54.0	-2.5	2.47 V	168	38.8	12.7
3	*5690.00	114.1 PK			2.47 V	168	70.7	43.4
4	*5690.00	108.5 AV			2.47 V	168	65.1	43.4
5	#5850.00	67.1 PK	68.2	-1.1	2.50 V	170	54.0	13.1
6	11380.00	59.8 PK	74.0	-14.2	1.22 V	227	41.3	18.5
7	11380.00	49.4 AV	54.0	-4.6	1.22 V	227	30.9	18.5

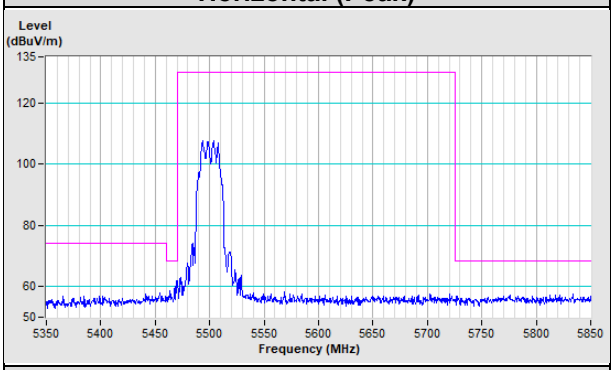
Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

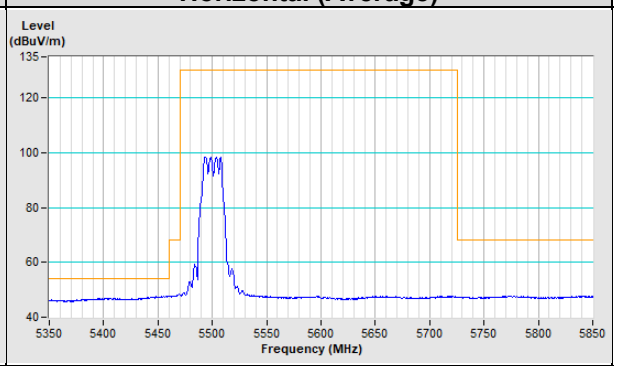
Radio 1_Plot of Band Edge

802.11a Channel 100

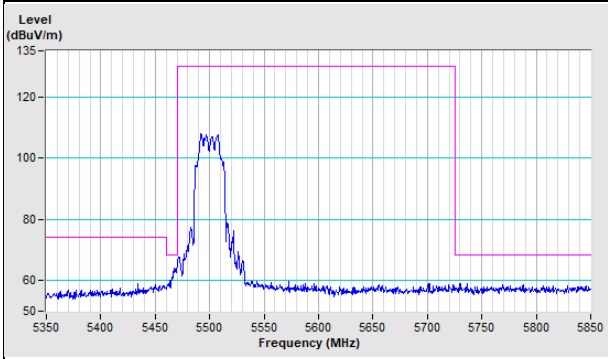
Horizontal (Peak)



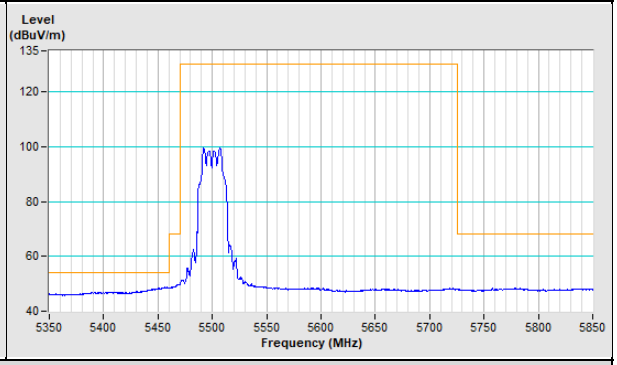
Horizontal (Average)



Vertical (Peak)

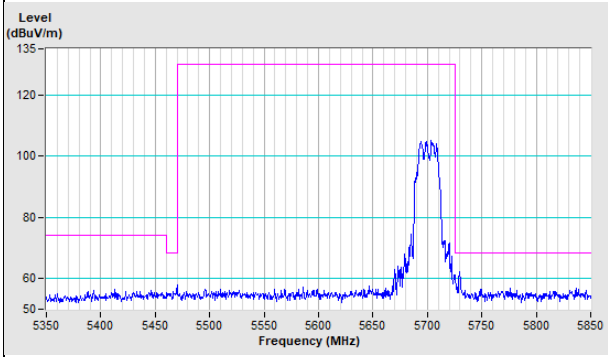


Vertical (Average)

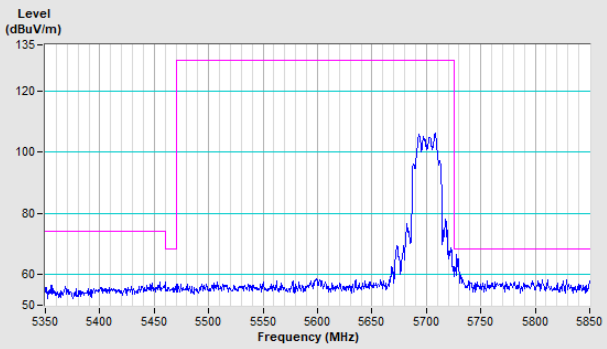


802.11a Channel 140

Horizontal (Peak)

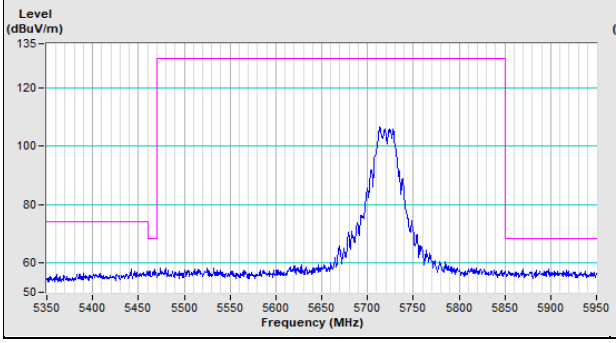


Vertical (Peak)

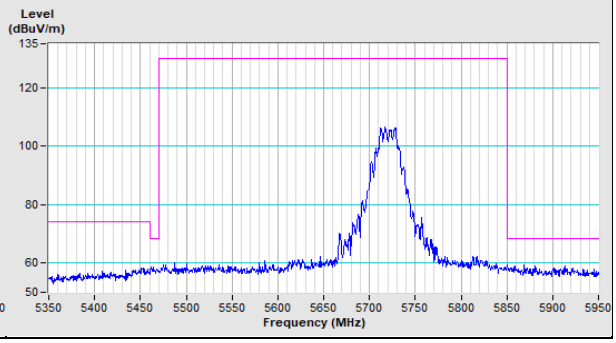


802.11a Channel 144

Horizontal (Peak)

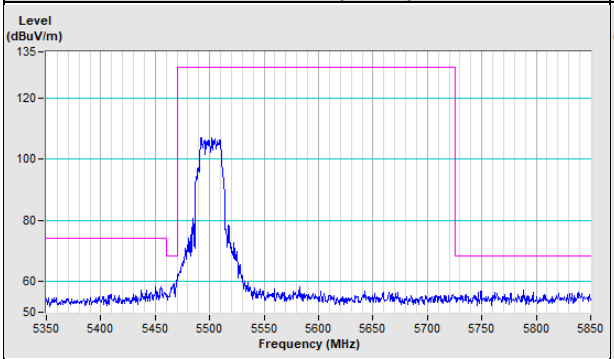


Vertical (Peak)

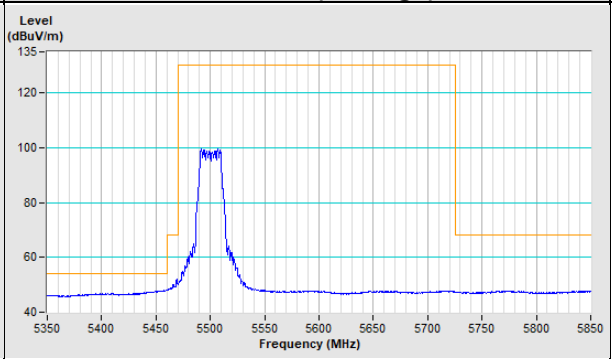


802.11ax (HE20) Channel 100

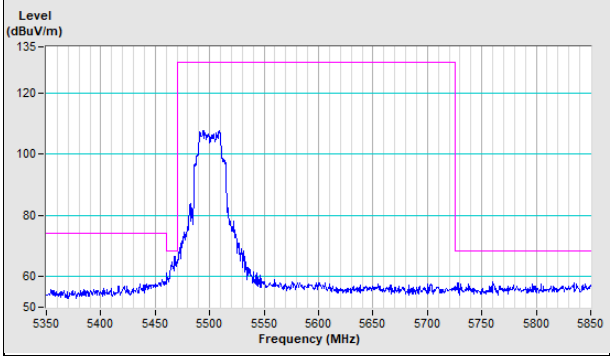
Horizontal (Peak)



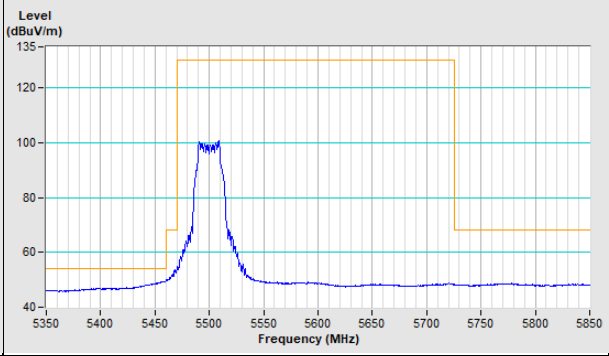
Horizontal (Average)



Vertical (Peak)

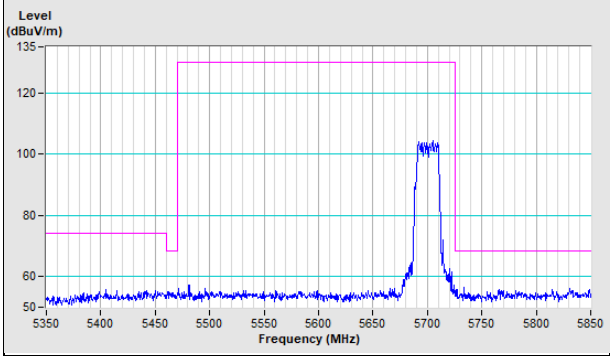


Vertical (Average)

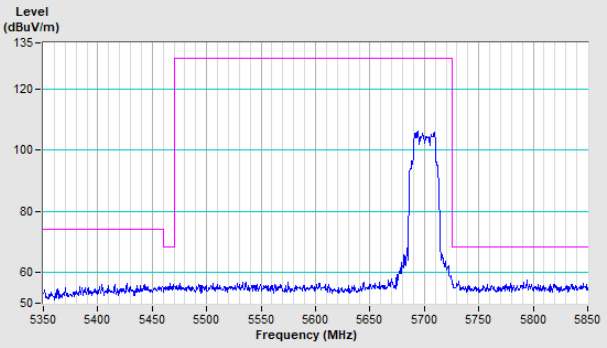


802.11ax (HE20) Channel 140

Horizontal (Peak)

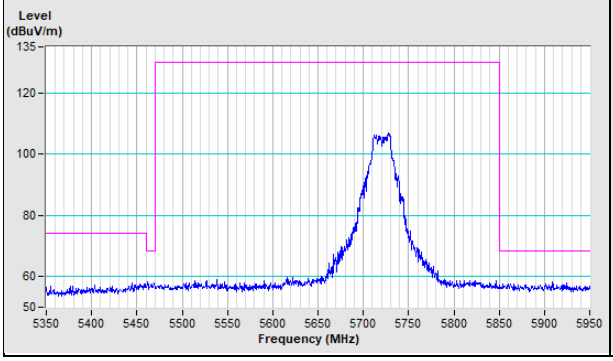


Vertical (Peak)

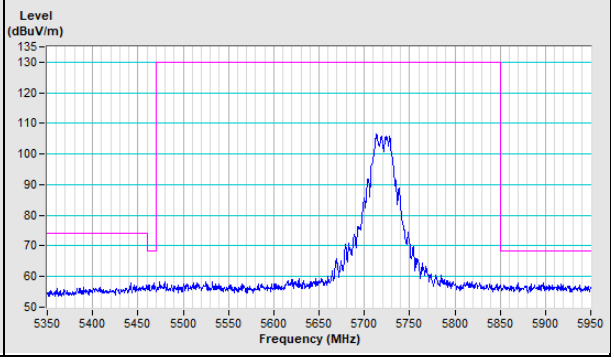


802.11ax (HE20) Channel 144

Horizontal (Peak)

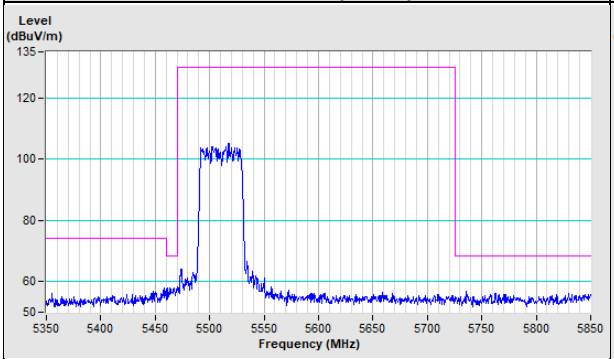


Vertical (Peak)

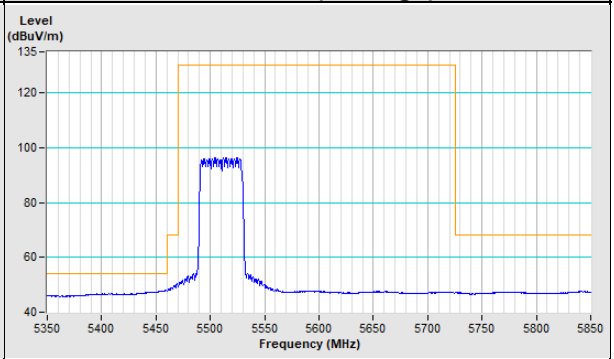


802.11ax (HE40) Channel 102

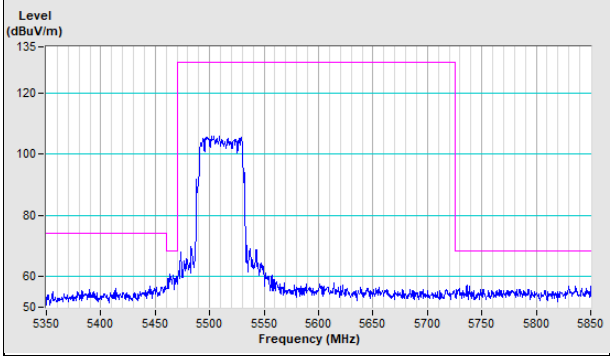
Horizontal (Peak)



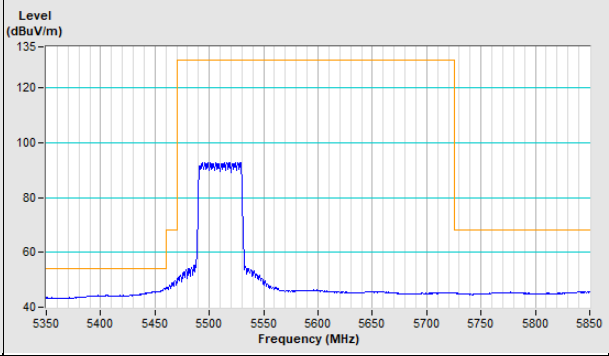
Horizontal (Average)



Vertical (Peak)

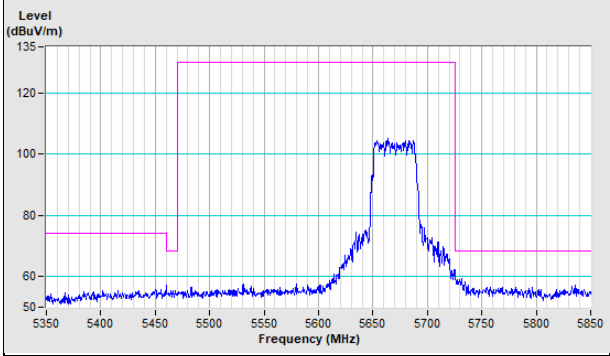


Vertical (Average)

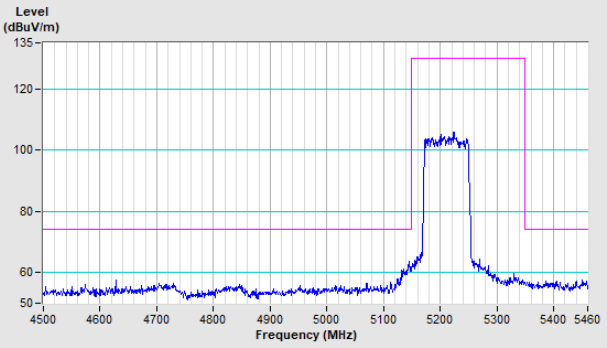


802.11ax (HE40) Channel 134

Horizontal (Peak)

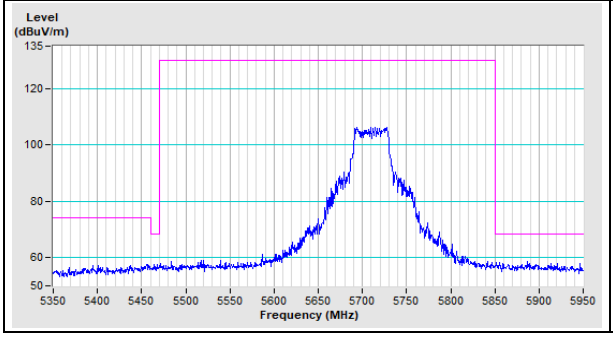


Vertical (Peak)

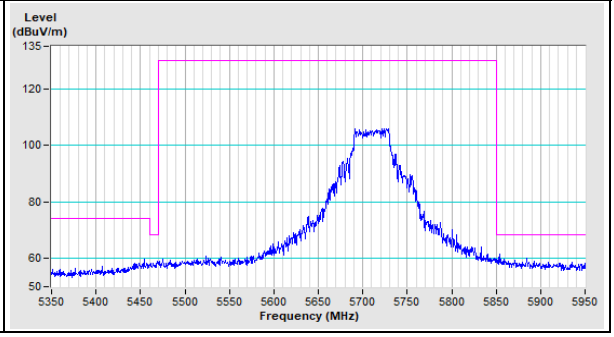


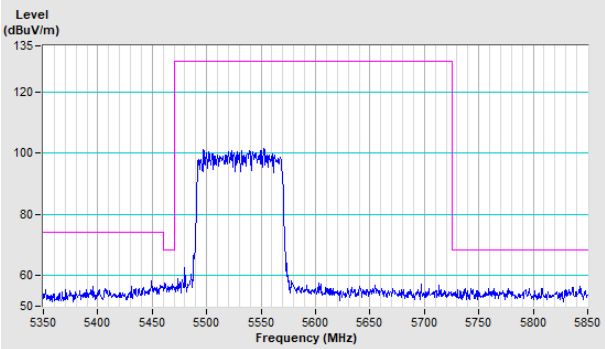
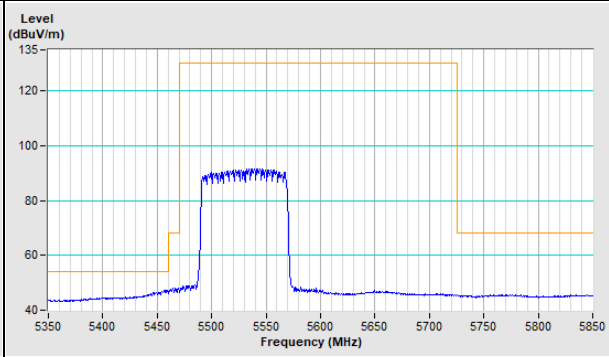
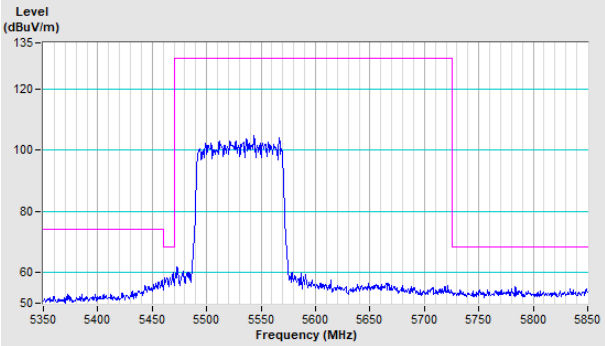
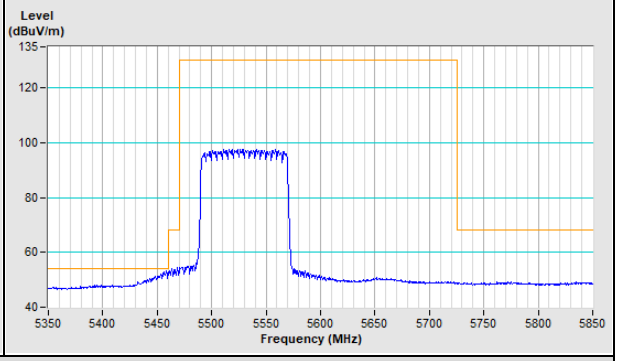
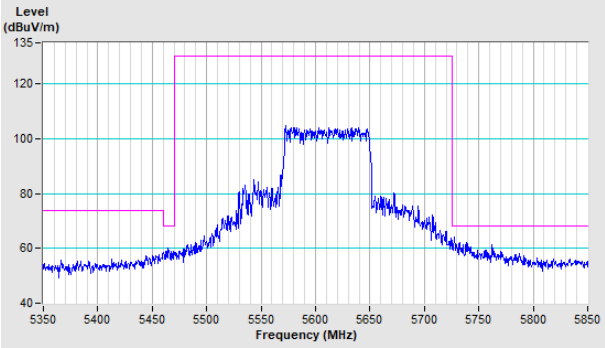
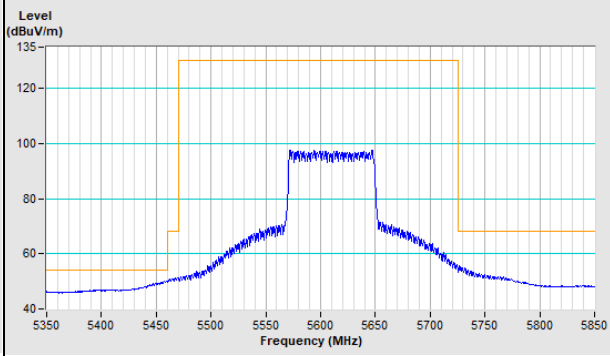
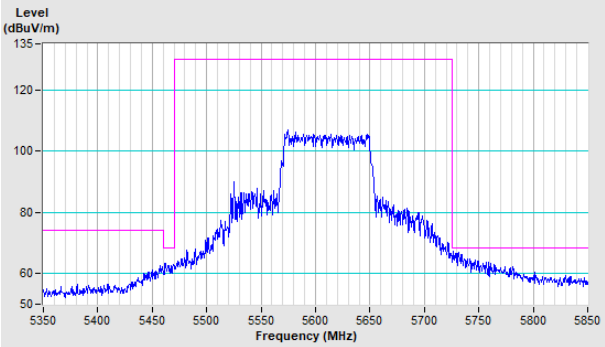
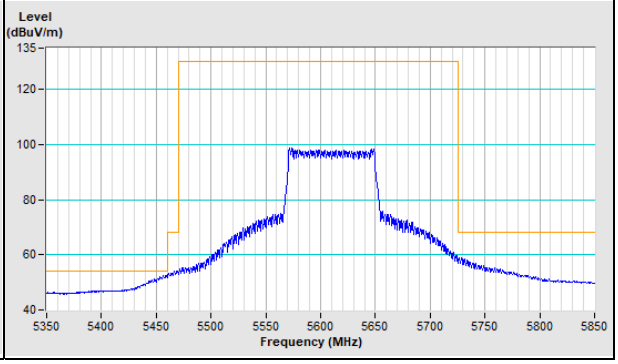
802.11ax (HE40) Channel 142

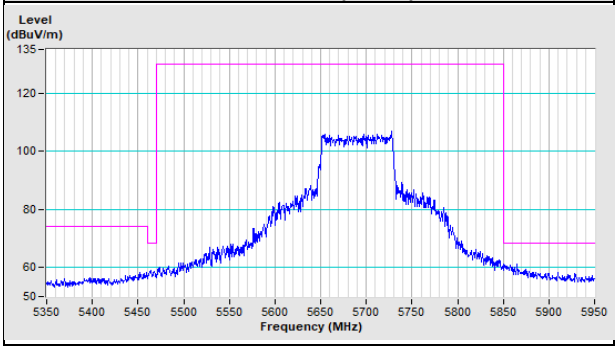
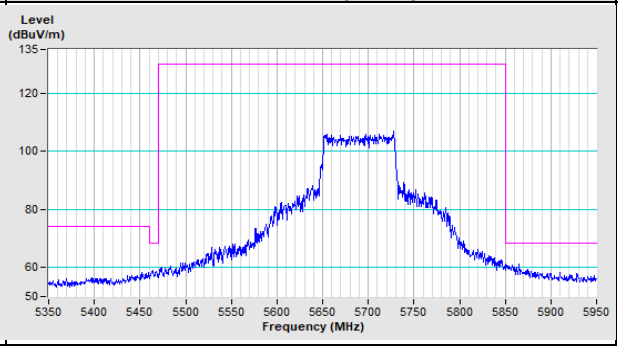
Horizontal (Peak)



Vertical (Peak)



802.11ax (HE80) Channel 106	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	
802.11ax (HE80) Channel 122	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

802.11ax (HE80) Channel 138	
Horizontal (Peak)	Horizontal (Peak)
	

Test Mode C

Radio 2

RF Mode	802.11a	Channel	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.0 PK	74.0	-16.0	2.37 H	199	45.9	12.1
2	5150.00	48.2 AV	54.0	-5.8	2.37 H	199	36.1	12.1
3	*5260.00	111.3 PK			2.37 H	199	68.4	42.9
4	*5260.00	104.1 AV			2.37 H	199	61.2	42.9
5	#10520.00	57.8 PK	68.2	-10.4	1.79 H	357	40.0	17.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	58.4 PK	74.0	-15.6	2.43 V	246	46.3	12.1
2	5150.00	51.2 AV	54.0	-2.8	2.43 V	246	39.1	12.1
3	*5260.00	112.0 PK			2.43 V	246	69.1	42.9
4	*5260.00	105.7 AV			2.43 V	246	62.8	42.9
5	#10520.00	58.3 PK	68.2	-9.9	1.64 V	199	40.5	17.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.6 PK	74.0	-18.4	2.37 H	199	43.5	12.1
2	5150.00	47.1 AV	54.0	-6.9	2.37 H	199	35.0	12.1
3	*5300.00	109.5 PK			2.37 H	199	66.5	43.0
4	*5300.00	102.2 AV			2.37 H	199	59.2	43.0
5	5350.00	55.7 PK	74.0	-18.3	2.37 H	199	43.4	12.3
6	5350.00	47.3 AV	54.0	-6.7	2.37 H	199	35.0	12.3
7	10600.00	58.4 PK	74.0	-15.6	1.04 H	145	40.7	17.7
8	10600.00	48.5 AV	54.0	-5.5	1.04 H	145	30.8	17.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.4 PK	74.0	-18.6	2.43 V	246	43.3	12.1
2	5150.00	47.2 AV	54.0	-6.8	2.43 V	246	35.1	12.1
3	*5300.00	118.8 PK			2.43 V	246	75.8	43.0
4	*5300.00	111.9 AV			2.43 V	246	68.9	43.0
5	5350.00	66.8 PK	74.0	-7.2	2.48 V	246	54.5	12.3
6	5350.00	52.8 AV	54.0	-1.2	2.48 V	246	40.5	12.3
7	10600.00	58.4 PK	74.0	-15.6	1.52 V	22	40.7	17.7
8	10600.00	48.6 AV	54.0	-5.4	1.52 V	22	30.9	17.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11a	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	106.8 PK			2.37 H	199	63.8	43.0
2	*5320.00	99.8 AV			2.37 H	199	56.8	43.0
3	5350.00	56.1 PK	74.0	-17.9	2.37 H	199	43.8	12.3
4	5350.00	47.0 AV	54.0	-7.0	2.37 H	199	34.7	12.3
5	10640.00	57.6 PK	74.0	-16.4	1.88 H	57	39.8	17.8
6	10640.00	47.9 AV	54.0	-6.1	1.88 H	57	30.1	17.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	116.1 PK			2.43 V	246	73.1	43.0
2	*5320.00	109.8 AV			2.43 V	246	66.8	43.0
3	5350.00	68.6 PK	74.0	-5.4	2.48 V	246	56.3	12.3
4	5350.00	52.4 AV	54.0	-1.6	2.48 V	246	40.1	12.3
5	10640.00	58.2 PK	74.0	-15.8	1.53 V	178	40.4	17.8
6	10640.00	48.2 AV	54.0	-5.8	1.53 V	178	30.4	17.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11a	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.6 PK	74.0	-18.4	2.50 H	238	42.9	12.7
2	5460.00	47.4 AV	54.0	-6.6	2.50 H	238	34.7	12.7
3	#5470.00	56.0 PK	68.2	-12.2	2.50 H	238	43.3	12.7
4	*5500.00	106.7 PK			2.50 H	238	63.5	43.2
5	*5500.00	99.8 AV			2.50 H	238	56.6	43.2
6	11000.00	58.3 PK	74.0	-15.7	1.81 H	150	40.2	18.1
7	11000.00	49.1 AV	54.0	-4.9	1.81 H	150	31.0	18.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.0 PK	74.0	-13.0	2.48 V	247	48.3	12.7
2	5460.00	50.3 AV	54.0	-3.7	2.48 V	247	37.6	12.7
3	#5470.00	66.0 PK	68.2	-2.2	2.48 V	247	53.3	12.7
4	*5500.00	115.2 PK			2.47 V	246	72.0	43.2
5	*5500.00	108.8 AV			2.47 V	246	65.6	43.2
6	11000.00	60.2 PK	74.0	-13.8	1.15 V	241	42.1	18.1
7	11000.00	51.3 AV	54.0	-2.7	1.15 V	241	33.2	18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.8 PK	74.0	-17.2	2.75 H	322	44.1	12.7
2	5460.00	47.5 AV	54.0	-6.5	2.75 H	322	34.8	12.7
3	#5470.00	58.2 PK	68.2	-10.0	2.54 H	304	45.5	12.7
4	*5580.00	114.4 PK			2.72 H	330	71.0	43.4
5	*5580.00	105.5 AV			2.72 H	330	62.1	43.4
6	#5725.00	57.9 PK	68.2	-10.3	2.71 H	323	45.1	12.8
7	11160.00	58.7 PK	74.0	-15.3	1.82 H	134	40.6	18.1
8	11160.00	49.3 AV	54.0	-4.7	1.82 H	134	31.2	18.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.5 PK	74.0	-16.5	2.54 V	236	44.8	12.7
2	5460.00	50.3 AV	54.0	-3.7	2.54 V	236	37.6	12.7
3	#5470.00	62.6 PK	68.2	-5.6	2.55 V	241	49.9	12.7
4	*5580.00	123.5 PK			2.51 V	248	80.1	43.4
5	*5580.00	114.4 AV			2.51 V	248	71.0	43.4
6	#5725.00	59.2 PK	68.2	-9.0	2.51 V	233	46.4	12.8
7	11160.00	59.4 PK	74.0	-14.6	2.51 V	196	41.3	18.1
8	11160.00	49.5 AV	54.0	-4.5	2.51 V	196	31.4	18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	104.4 PK			2.34 H	238	61.0	43.4
2	*5700.00	95.9 AV			2.34 H	238	52.5	43.4
3	#5725.00	55.7 PK	68.2	-12.5	2.34 H	238	42.9	12.8
4	11400.00	57.9 PK	74.0	-16.1	1.31 H	72	39.3	18.6
5	11400.00	48.7 AV	54.0	-5.3	1.31 H	72	30.1	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	113.8 PK			2.59 V	247	70.4	43.4
2	*5700.00	104.9 AV			2.59 V	247	61.5	43.4
3	#5725.00	66.9 PK	68.2	-1.3	2.59 V	243	54.1	12.8
4	11400.00	58.6 PK	74.0	-15.4	2.26 V	142	40.0	18.6
5	11400.00	49.2 AV	54.0	-4.8	2.26 V	142	30.6	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.4 PK	74.0	-15.6	2.50 H	207	45.7	12.7
2	5460.00	47.3 AV	54.0	-6.7	2.50 H	207	34.6	12.7
3	#5470.00	58.8 PK	68.2	-9.4	2.50 H	207	46.1	12.7
4	*5720.00	114.8 PK			2.50 H	207	71.2	43.6
5	*5720.00	106.3 AV			2.50 H	207	62.7	43.6
6	11440.00	58.6 PK	74.0	-15.4	1.05 H	117	40.0	18.6
7	11440.00	48.5 AV	54.0	-5.5	1.05 H	117	29.9	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.7 PK	74.0	-15.3	2.49 V	203	46.0	12.7
2	5460.00	47.5 AV	54.0	-6.5	2.49 V	203	34.8	12.7
3	#5470.00	58.9 PK	68.2	-9.3	2.49 V	203	46.2	12.7
4	*5720.00	124.0 PK			2.49 V	203	80.4	43.6
5	*5720.00	116.6 AV			2.49 V	203	73.0	43.6
6	11440.00	58.7 PK	74.0	-15.3	1.15 V	134	40.1	18.6
7	11440.00	48.6 AV	54.0	-5.4	1.15 V	134	30.0	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.7 PK	74.0	-18.3	2.37 H	199	43.6	12.1
2	5150.00	47.3 AV	54.0	-6.7	2.37 H	199	35.2	12.1
3	*5260.00	110.4 PK			2.37 H	199	67.5	42.9
4	*5260.00	103.6 AV			2.37 H	199	60.7	42.9
5	#10520.00	57.5 PK	68.2	-10.7	1.52 H	2	39.7	17.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.6 PK	74.0	-18.4	2.43 V	246	43.5	12.1
2	5150.00	51.5 AV	54.0	-2.5	2.43 V	246	39.4	12.1
3	*5260.00	112.4 PK			2.43 V	246	69.5	42.9
4	*5260.00	105.7 AV			2.43 V	246	62.8	42.9
5	#10520.00	57.8 PK	68.2	-10.4	1.96 V	3	40.0	17.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.5 PK	74.0	-18.5	2.37 H	199	43.4	12.1
2	5150.00	47.0 AV	54.0	-7.0	2.37 H	199	34.9	12.1
3	*5300.00	108.7 PK			2.37 H	199	65.7	43.0
4	*5300.00	101.4 AV			2.37 H	199	58.4	43.0
5	5350.00	56.1 PK	74.0	-17.9	2.37 H	199	43.8	12.3
6	5350.00	47.3 AV	54.0	-6.7	2.37 H	199	35.0	12.3
7	10600.00	57.8 PK	74.0	-16.2	1.17 H	141	40.1	17.7
8	10600.00	48.4 AV	54.0	-5.6	1.17 H	141	30.7	17.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	56.4 PK	74.0	-17.6	2.43 V	245	44.3	12.1
2	5150.00	47.1 AV	54.0	-6.9	2.43 V	245	35.0	12.1
3	*5300.00	117.4 PK			2.43 V	245	74.4	43.0
4	*5300.00	110.9 AV			2.43 V	245	67.9	43.0
5	5350.00	63.4 PK	74.0	-10.6	2.48 V	246	51.1	12.3
6	5350.00	52.5 AV	54.0	-1.5	2.48 V	246	40.2	12.3
7	10600.00	58.1 PK	74.0	-15.9	1.17 V	141	40.4	17.7
8	10600.00	48.4 AV	54.0	-5.6	1.17 V	141	30.7	17.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE20)	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	105.6 PK			2.37 H	199	62.6	43.0
2	*5320.00	98.7 AV			2.37 H	199	55.7	43.0
3	5350.00	58.5 PK	74.0	-15.5	2.37 H	199	46.2	12.3
4	5350.00	47.4 AV	54.0	-6.6	2.37 H	199	35.1	12.3
5	10640.00	58.2 PK	74.0	-15.8	1.19 H	327	40.4	17.8
6	10640.00	48.4 AV	54.0	-5.6	1.19 H	327	30.6	17.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	114.8 PK			2.43 V	245	71.8	43.0
2	*5320.00	107.7 AV			2.43 V	245	64.7	43.0
3	5350.00	66.4 PK	74.0	-7.6	2.48 V	246	54.1	12.3
4	5350.00	52.8 AV	54.0	-1.2	2.48 V	246	40.5	12.3
5	10640.00	58.2 PK	74.0	-15.8	1.35 V	350	40.4	17.8
6	10640.00	48.6 AV	54.0	-5.4	1.35 V	350	30.8	17.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE20)	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.3 PK	74.0	-17.7	2.37 H	239	43.6	12.7
2	5460.00	47.5 AV	54.0	-6.5	2.37 H	239	34.8	12.7
3	#5470.00	58.7 PK	68.2	-9.5	2.49 H	204	46.0	12.7
4	*5500.00	109.4 PK			2.50 H	238	66.2	43.2
5	*5500.00	100.0 AV			2.50 H	238	56.8	43.2
6	11000.00	58.8 PK	74.0	-15.2	1.84 H	227	40.7	18.1
7	11000.00	49.3 AV	54.0	-4.7	1.84 H	227	31.2	18.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.9 PK	74.0	-16.1	2.64 V	247	45.2	12.7
2	5460.00	49.6 AV	54.0	-4.4	2.64 V	247	36.9	12.7
3	#5470.00	66.8 PK	68.2	-1.4	2.55 V	241	54.1	12.7
4	*5500.00	117.4 PK			2.47 V	247	74.2	43.2
5	*5500.00	108.8 AV			2.47 V	247	65.6	43.2
6	11000.00	59.1 PK	74.0	-14.9	1.96 V	206	41.0	18.1
7	11000.00	49.6 AV	54.0	-4.4	1.96 V	206	31.5	18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.1 PK	74.0	-17.9	2.74 H	238	43.4	12.7
2	5460.00	48.0 AV	54.0	-6.0	2.74 H	238	35.3	12.7
3	#5470.00	59.1 PK	68.2	-9.1	2.54 H	238	46.4	12.7
4	*5580.00	115.1 PK			2.72 H	238	71.7	43.4
5	*5580.00	105.6 AV			2.72 H	238	62.2	43.4
6	#5725.00	58.3 PK	68.2	-9.9	2.72 H	238	45.5	12.8
7	11160.00	58.4 PK	74.0	-15.6	1.76 H	14	40.3	18.1
8	11160.00	49.0 AV	54.0	-5.0	1.76 H	14	30.9	18.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.3 PK	74.0	-16.7	2.51 V	239	44.6	12.7
2	5460.00	50.3 AV	54.0	-3.7	2.51 V	239	37.6	12.7
3	#5470.00	62.4 PK	68.2	-5.8	2.49 V	253	49.7	12.7
4	*5580.00	124.1 PK			2.51 V	248	80.7	43.4
5	*5580.00	115.1 AV			2.51 V	248	71.7	43.4
6	#5725.00	58.9 PK	68.2	-9.3	2.51 V	246	46.1	12.8
7	11160.00	58.6 PK	74.0	-15.4	2.37 V	214	40.5	18.1
8	11160.00	49.1 AV	54.0	-4.9	2.37 V	214	31.0	18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	105.8 PK			2.34 H	238	62.4	43.4
2	*5700.00	96.5 AV			2.34 H	238	53.1	43.4
3	#5725.00	58.2 PK	68.2	-10.0	2.21 H	238	45.4	12.8
4	11400.00	59.2 PK	74.0	-14.8	1.35 H	112	40.6	18.6
5	11400.00	29.8 AV	54.0	-24.2	1.35 H	112	11.2	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	115.7 PK			2.59 V	243	72.3	43.4
2	*5700.00	106.6 AV			2.59 V	243	63.2	43.4
3	#5725.00	66.8 PK	68.2	-1.4	2.56 V	263	54.0	12.8
4	11400.00	58.5 PK	74.0	-15.5	2.14 V	155	39.9	18.6
5	11400.00	49.3 AV	54.0	-4.7	2.14 V	155	30.7	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.3 PK	74.0	-15.7	2.50 H	207	45.6	12.7
2	5460.00	47.4 AV	54.0	-6.6	2.50 H	207	34.7	12.7
3	#5470.00	58.7 PK	68.2	-9.5	2.50 H	207	46.0	12.7
4	*5720.00	113.4 PK			2.50 H	207	69.8	43.6
5	*5720.00	107.8 AV			2.50 H	207	64.2	43.6
6	11440.00	58.6 PK	74.0	-15.4	1.15 H	241	40.0	18.6
7	11440.00	49.0 AV	54.0	-5.0	1.15 H	241	30.4	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.3 PK	74.0	-15.7	2.49 V	203	45.6	12.7
2	5460.00	47.4 AV	54.0	-6.6	2.49 V	203	34.7	12.7
3	#5470.00	58.6 PK	68.2	-9.6	2.49 V	203	45.9	12.7
4	*5720.00	123.1 PK			2.49 V	203	79.5	43.6
5	*5720.00	115.3 AV			2.49 V	203	71.7	43.6
6	11440.00	58.4 PK	74.0	-15.6	1.05 V	186	39.8	18.6
7	11440.00	48.0 AV	54.0	-6.0	1.05 V	186	29.4	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 54：5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.8 PK	74.0	-18.2	2.37 H	199	43.7	12.1
2	5150.00	47.1 AV	54.0	-6.9	2.37 H	199	35.0	12.1
3	*5270.00	106.7 PK			2.37 H	199	63.8	42.9
4	*5270.00	99.8 AV			2.37 H	199	56.9	42.9
5	5350.00	57.0 PK	74.0	-17.0	2.37 H	199	44.7	12.3
6	5350.00	48.0 AV	54.0	-6.0	2.37 H	199	35.7	12.3
7	#10540.00	57.7 PK	68.2	-10.5	1.07 H	100	39.9	17.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	54.7 PK	74.0	-19.3	2.43 V	245	42.6	12.1
2	5150.00	49.0 AV	54.0	-5.0	2.43 V	245	36.9	12.1
3	*5270.00	114.7 PK			2.43 V	245	71.8	42.9
4	*5270.00	107.9 AV			2.43 V	245	65.0	42.9
5	5350.00	66.2 PK	74.0	-7.8	2.48 V	247	53.9	12.3
6	5350.00	52.9 AV	54.0	-1.1	2.48 V	247	40.6	12.3
7	#10540.00	58.2 PK	68.2	-10.0	1.16 V	245	40.4	17.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 62：5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.6 PK	74.0	-18.4	2.37 H	199	43.5	12.1
2	5150.00	47.3 AV	54.0	-6.7	2.37 H	199	35.2	12.1
3	*5310.00	102.5 PK			2.37 H	199	59.5	43.0
4	*5310.00	95.8 AV			2.37 H	199	52.8	43.0
5	5350.00	57.0 PK	74.0	-17.0	2.37 H	199	44.7	12.3
6	5350.00	47.7 AV	54.0	-6.3	2.37 H	199	35.4	12.3
7	10620.00	57.6 PK	74.0	-16.4	1.37 H	18	39.9	17.7
8	10620.00	48.1 AV	54.0	-5.9	1.37 H	18	30.4	17.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.6 PK	74.0	-18.4	2.43 V	245	43.5	12.1
2	5150.00	47.1 AV	54.0	-6.9	2.43 V	245	35.0	12.1
3	*5310.00	111.6 PK			2.43 V	245	68.6	43.0
4	*5310.00	104.7 AV			2.43 V	245	61.7	43.0
5	5350.00	67.0 PK	74.0	-7.0	2.48 V	246	54.7	12.3
6	5350.00	52.9 AV	54.0	-1.1	2.48 V	246	40.6	12.3
7	10620.00	57.7 PK	74.0	-16.3	1.08 V	107	40.0	17.7
8	10620.00	48.2 AV	54.0	-5.8	1.08 V	107	30.5	17.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE40)	Channel	CH 102：5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.8 PK	74.0	-18.2	2.38 H	247	43.1	12.7
2	5460.00	48.5 AV	54.0	-5.5	2.38 H	247	35.8	12.7
3	#5470.00	59.3 PK	68.2	-8.9	2.56 H	232	46.6	12.7
4	*5510.00	103.7 PK			2.50 H	238	60.3	43.4
5	*5510.00	95.2 AV			2.50 H	238	51.8	43.4
6	#5725.00	57.3 PK	68.2	-10.9	2.62 H	247	44.5	12.8
7	11020.00	57.8 PK	74.0	-16.2	2.20 H	53	39.7	18.1
8	11020.00	48.6 AV	54.0	-5.4	2.20 H	53	30.5	18.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.0 PK	74.0	-15.0	2.51 V	249	46.3	12.7
2	5460.00	51.7 AV	54.0	-2.3	2.51 V	249	39.0	12.7
3	#5470.00	66.7 PK	68.2	-1.5	2.55 V	241	54.0	12.7
4	*5510.00	113.9 PK			2.47 V	247	70.5	43.4
5	*5510.00	104.8 AV			2.47 V	247	61.4	43.4
6	#5725.00	57.7 PK	68.2	-10.5	2.35 V	247	44.9	12.8
7	11020.00	57.4 PK	74.0	-16.6	1.54 V	137	39.3	18.1
8	11020.00	47.9 AV	54.0	-6.1	1.54 V	137	29.8	18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.0 PK	74.0	-16.0	2.72 H	205	45.3	12.7
2	5460.00	49.0 AV	54.0	-5.0	2.72 H	205	36.3	12.7
3	#5470.00	58.8 PK	68.2	-9.4	2.68 H	225	46.1	12.7
4	*5550.00	107.3 PK			2.72 H	238	63.9	43.4
5	*5550.00	98.9 AV			2.72 H	238	55.5	43.4
6	#5725.00	58.1 PK	68.2	-10.1	2.59 H	236	45.3	12.8
7	11100.00	58.3 PK	74.0	-15.7	1.33 H	156	39.7	18.6
8	11100.00	48.7 AV	54.0	-5.3	1.33 H	156	30.1	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.5 PK	74.0	-14.5	2.58 V	259	46.8	12.7
2	5460.00	52.9 AV	54.0	-1.1	2.58 V	259	40.2	12.7
3	#5470.00	66.0 PK	68.2	-2.2	2.74 V	245	53.3	12.7
4	*5550.00	116.1 PK			2.59 V	248	72.7	43.4
5	*5550.00	108.7 AV			2.59 V	248	65.3	43.4
6	#5725.00	58.5 PK	68.2	-9.7	2.59 V	237	45.7	12.8
7	11100.00	58.1 PK	74.0	-15.9	1.25 V	304	39.5	18.6
8	11100.00	48.7 AV	54.0	-5.3	1.25 V	304	30.1	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 134：5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.7 PK	74.0	-18.3	2.34 H	231	43.0	12.7
2	5460.00	48.3 AV	54.0	-5.7	2.34 H	231	35.6	12.7
3	#5470.00	58.7 PK	68.2	-9.5	2.11 H	234	46.0	12.7
4	*5670.00	105.4 PK			2.34 H	238	61.9	43.5
5	*5670.00	96.9 AV			2.34 H	238	53.4	43.5
6	#5725.00	59.9 PK	68.2	-8.3	2.34 H	246	47.1	12.8
7	11340.00	57.4 PK	74.0	-16.6	1.72 H	243	39.0	18.4
8	11340.00	48.0 AV	54.0	-6.0	1.72 H	243	29.6	18.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.6 PK	74.0	-16.4	2.30 V	247	44.9	12.7
2	5460.00	49.2 AV	54.0	-4.8	2.30 V	247	36.5	12.7
3	#5470.00	60.0 PK	68.2	-8.2	2.34 V	251	47.3	12.7
4	*5670.00	115.1 PK			2.30 V	243	71.6	43.5
5	*5670.00	108.3 AV			2.30 V	243	64.8	43.5
6	#5725.00	67.1 PK	68.2	-1.1	2.35 V	240	54.3	12.8
7	11340.00	58.3 PK	74.0	-15.7	1.06 V	294	39.9	18.4
8	11340.00	48.9 AV	54.0	-5.1	1.06 V	294	30.5	18.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 142：5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.4 PK	74.0	-15.6	2.50 H	207	45.7	12.7
2	5460.00	47.3 AV	54.0	-6.7	2.50 H	207	34.6	12.7
3	#5470.00	58.8 PK	68.2	-9.4	2.50 H	207	46.1	12.7
4	*5710.00	112.4 PK			2.50 H	207	68.9	43.5
5	*5710.00	104.7 AV			2.50 H	207	61.2	43.5
6	11420.00	58.6 PK	74.0	-15.4	1.86 H	252	40.0	18.6
7	11420.00	48.7 AV	54.0	-5.3	1.86 H	252	30.1	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.5 PK	74.0	-15.5	2.49 V	203	45.8	12.7
2	5460.00	47.7 AV	54.0	-6.3	2.49 V	203	35.0	12.7
3	#5470.00	59.0 PK	68.2	-9.2	2.49 V	203	46.3	12.7
4	*5710.00	119.3 PK			2.49 V	203	75.9	43.4
5	*5710.00	111.7 AV			2.49 V	203	68.3	43.4
6	11420.00	58.6 PK	74.0	-15.4	1.35 V	2	40.0	18.6
7	11420.00	48.0 AV	54.0	-6.0	1.35 V	2	29.4	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80)	Channel	CH 58：5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.4 PK	74.0	-18.6	2.37 H	199	43.3	12.1
2	5150.00	47.3 AV	54.0	-6.7	2.37 H	199	35.2	12.1
3	*5290.00	97.1 PK			2.37 H	199	54.1	43.0
4	*5290.00	90.6 AV			2.37 H	199	47.6	43.0
5	5350.00	56.4 PK	74.0	-17.6	2.37 H	199	44.1	12.3
6	5350.00	47.7 AV	54.0	-6.3	2.37 H	199	35.4	12.3
7	#10580.00	57.6 PK	68.2	-10.6	1.10 H	311	39.9	17.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.6 PK	74.0	-18.4	2.43 V	246	43.5	12.1
2	5150.00	47.2 AV	54.0	-6.8	2.43 V	246	35.1	12.1
3	*5290.00	105.5 PK			2.43 V	246	62.5	43.0
4	*5290.00	98.7 AV			2.43 V	246	55.7	43.0
5	5350.00	67.1 PK	74.0	-6.9	2.48 V	240	54.8	12.3
6	5350.00	52.8 AV	54.0	-1.2	2.48 V	240	40.5	12.3
7	#10580.00	57.9 PK	68.2	-10.3	1.17 V	154	40.2	17.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80)	Channel	CH 106：5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.1 PK	74.0	-16.9	2.50 H	238	44.4	12.7
2	5460.00	48.0 AV	54.0	-6.0	2.50 H	238	35.3	12.7
3	#5470.00	57.4 PK	68.2	-10.8	2.50 H	238	44.7	12.7
4	*5530.00	98.6 PK			2.50 H	238	55.2	43.4
5	*5530.00	91.7 AV			2.50 H	238	48.3	43.4
6	#5725.00	56.9 PK	68.2	-11.3	2.50 H	238	44.1	12.8
7	11060.00	58.6 PK	74.0	-15.4	1.17 H	148	40.3	18.3
8	11060.00	48.4 AV	54.0	-5.6	1.17 H	148	30.1	18.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	63.8 PK	74.0	-10.2	2.48 V	247	51.1	12.7
2	5460.00	52.8 AV	54.0	-1.2	2.48 V	247	40.1	12.7
3	#5470.00	65.8 PK	68.2	-2.4	2.48 V	247	53.1	12.7
4	*5530.00	107.1 PK			2.45 V	245	63.7	43.4
5	*5530.00	100.5 AV			2.45 V	245	57.1	43.4
6	#5725.00	56.6 PK	68.2	-11.6	2.45 V	245	43.8	12.8
7	11060.00	58.8 PK	74.0	-15.2	1.35 V	350	40.5	18.3
8	11060.00	48.6 AV	54.0	-5.4	1.35 V	350	30.3	18.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80)	Channel	CH 122：5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.7 PK	74.0	-16.3	2.50 H	238	45.0	12.7
2	5460.00	47.9 AV	54.0	-6.1	2.50 H	238	35.2	12.7
3	#5470.00	58.2 PK	68.2	-10.0	2.50 H	238	45.5	12.7
4	*5610.00	99.3 PK			2.50 H	238	55.9	43.4
5	*5610.00	92.2 AV			2.50 H	238	48.8	43.4
6	#5725.00	57.7 PK	68.2	-10.5	2.50 H	238	44.9	12.8
7	11220.00	58.4 PK	74.0	-15.6	1.06 H	317	40.5	17.9
8	11220.00	48.3 AV	54.0	-5.7	1.06 H	317	30.4	17.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	63.0 PK	74.0	-11.0	2.48 V	247	50.3	12.7
2	5460.00	52.8 AV	54.0	-1.2	2.48 V	247	40.1	12.7
3	#5470.00	64.1 PK	68.2	-4.1	2.48 V	247	51.4	12.7
4	*5610.00	108.7 PK			2.44 V	245	65.3	43.4
5	*5610.00	101.4 AV			2.44 V	245	58.0	43.4
6	#5725.00	61.0 PK	68.2	-7.2	2.44 V	245	48.2	12.8
7	11220.00	58.6 PK	74.0	-15.4	1.05 V	179	40.7	17.9
8	11220.00	48.6 AV	54.0	-5.4	1.05 V	179	30.7	17.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

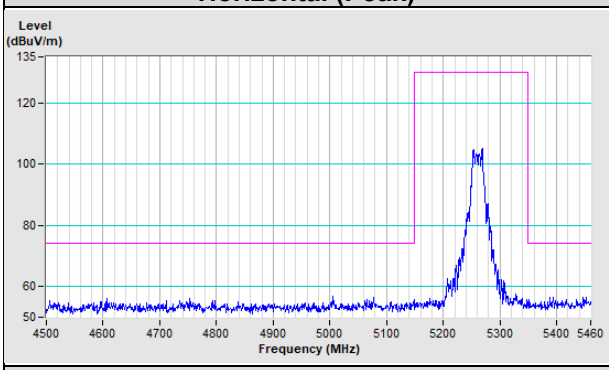
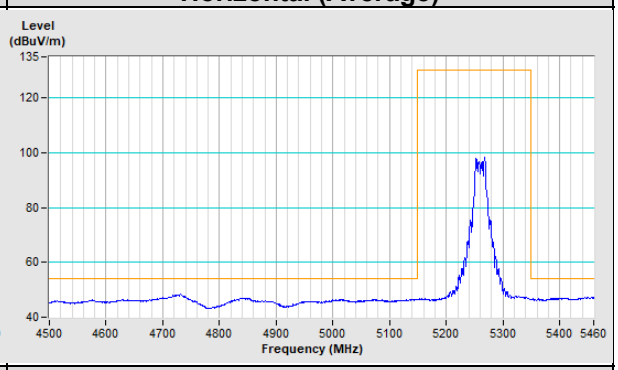
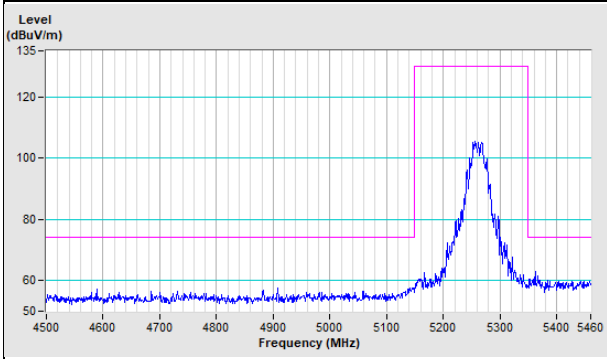
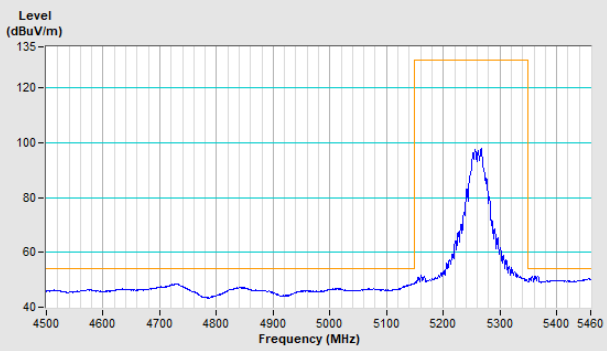
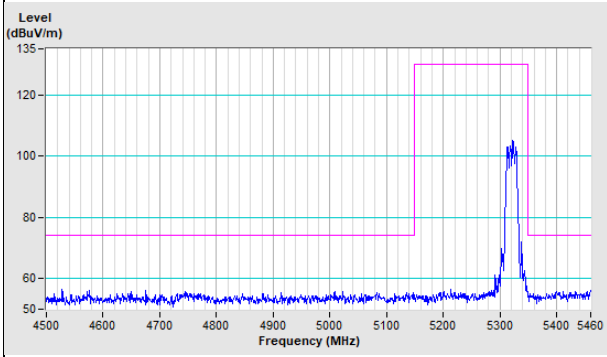
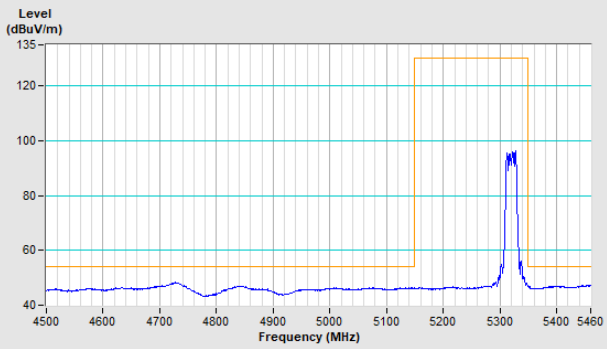
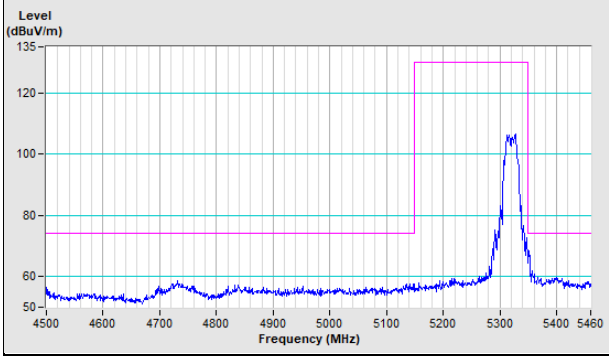
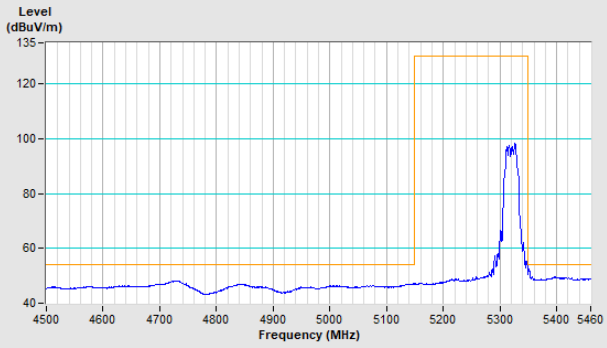
RF Mode	802.11ax (HE80)	Channel	CH 138：5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	58.4 PK	74.0	-15.6	2.50 H	207	45.7	12.7
2	5460.00	47.6 AV	54.0	-6.4	2.50 H	207	34.9	12.7
3	#5470.00	58.7 PK	68.2	-9.5	2.50 H	207	46.0	12.7
4	*5690.00	109.2 PK			2.50 H	207	65.8	43.4
5	*5690.00	101.7 AV			2.50 H	207	58.3	43.4
6	#5850.00	58.6 PK	68.2	-9.6	2.50 H	207	45.5	13.1
7	11380.00	58.4 PK	74.0	-15.6	1.55 H	329	39.9	18.5
8	11380.00	47.7 AV	54.0	-6.3	1.55 H	329	29.2	18.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	59.7 PK	74.0	-14.3	2.49 V	203	47.0	12.7
2	5460.00	50.1 AV	54.0	-3.9	2.49 V	203	37.4	12.7
3	#5470.00	60.5 PK	68.2	-7.7	2.49 V	203	47.8	12.7
4	*5690.00	116.1 PK			2.49 V	203	72.7	43.4
5	*5690.00	107.4 AV			2.49 V	203	64.0	43.4
6	#5850.00	63.1 PK	68.2	-5.1	2.49 V	203	50.0	13.1
7	11380.00	58.7 PK	74.0	-15.3	1.85 V	227	40.2	18.5
8	11380.00	49.1 AV	54.0	-4.9	1.85 V	227	30.6	18.5

Remarks:

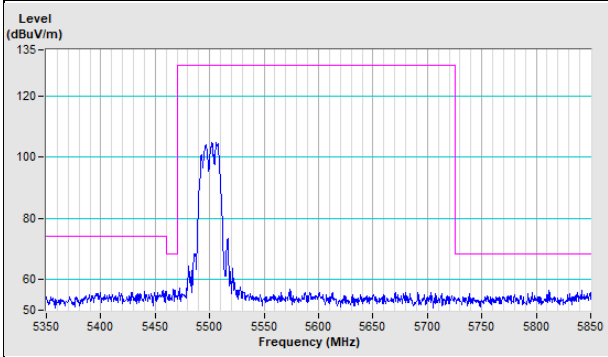
1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

Radio 2_Plot of Band Edge

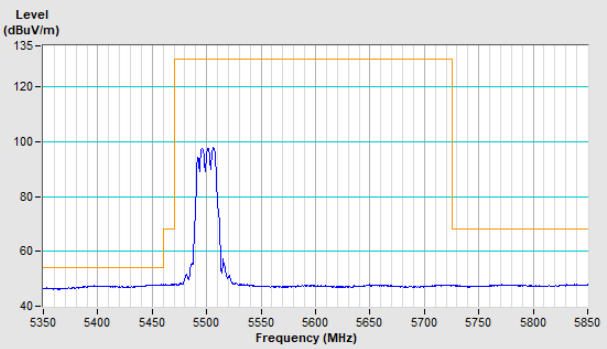
802.11a Channel 52	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	
802.11a Channel 64	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	

802.11a Channel 100

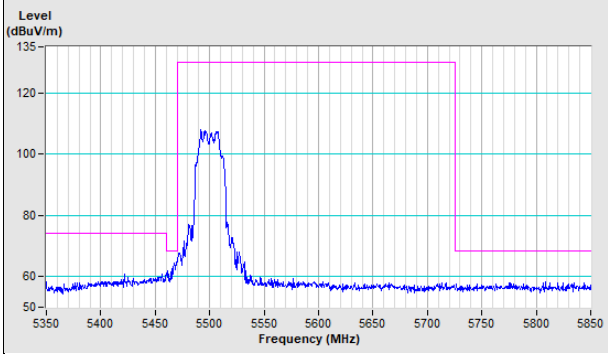
Horizontal (Peak)



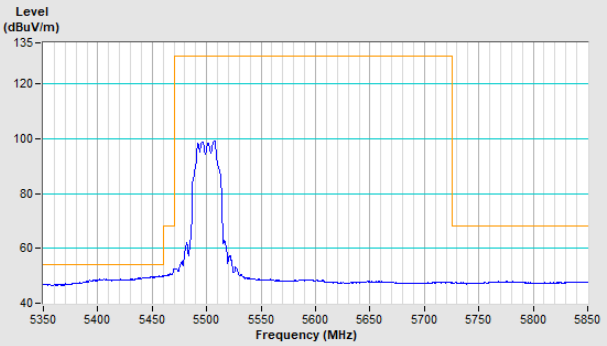
Horizontal (Average)



Vertical (Peak)

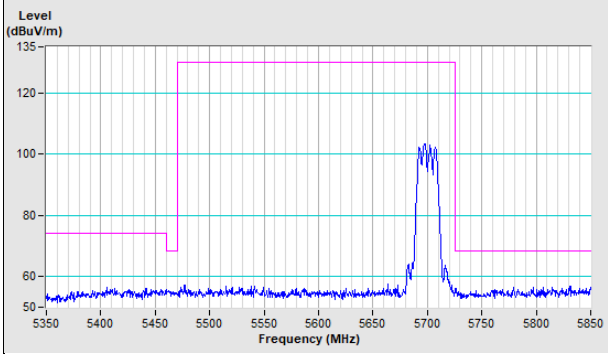


Vertical (Average)

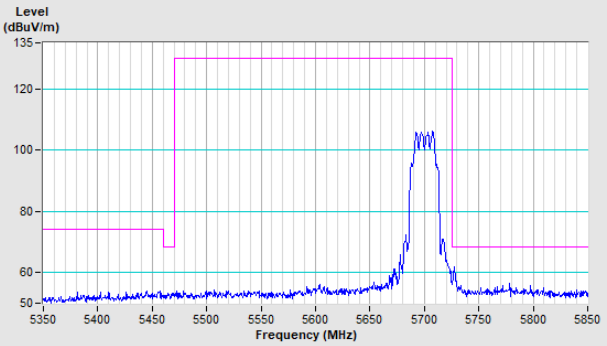


802.11a Channel 140

Horizontal (Peak)

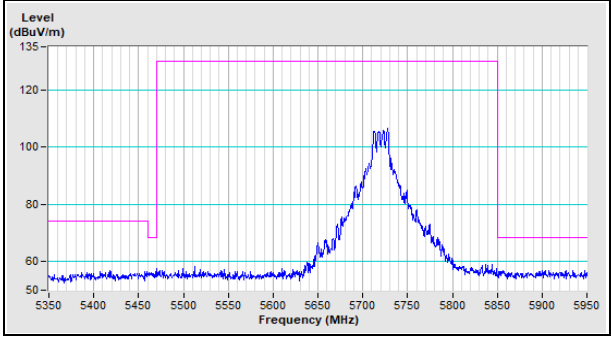


Vertical (Peak)

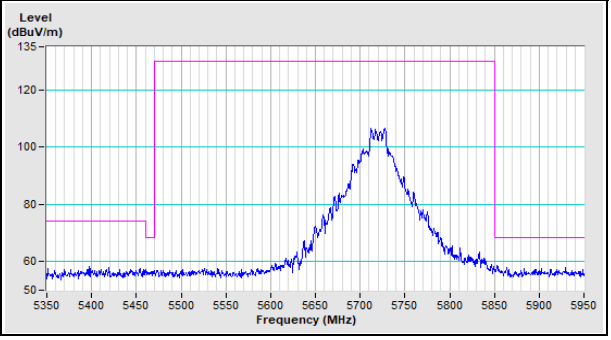


802.11a Channel 144

Horizontal (Peak)

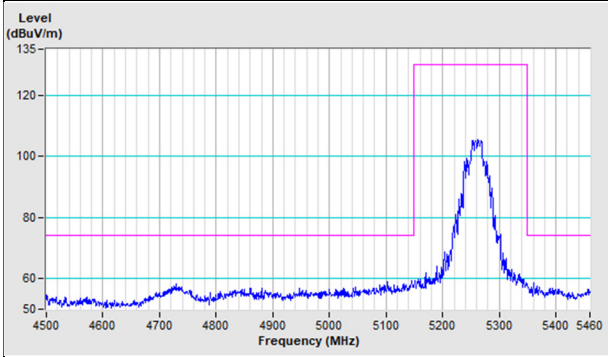


Vertical (Peak)

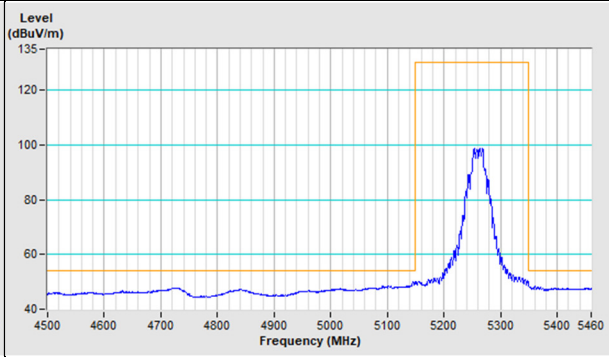


802.11ax (HE20) Channel 52

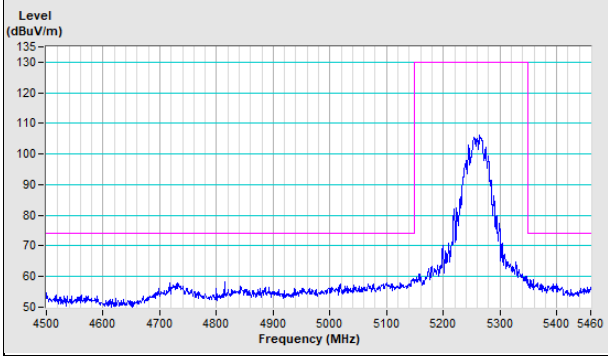
Horizontal (Peak)



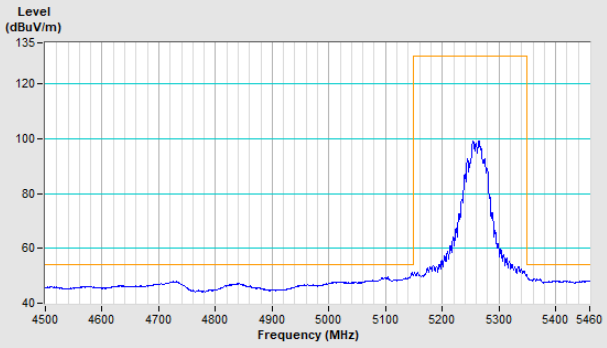
Horizontal (Average)



Vertical (Peak)

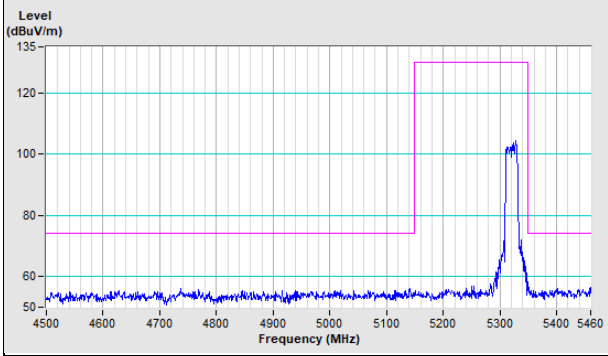


Vertical (Average)

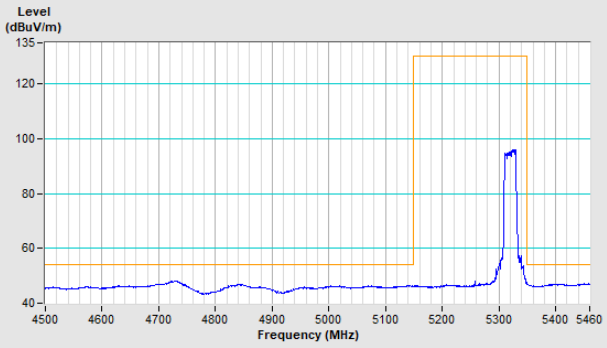


802.11ax (HE20) Channel 64

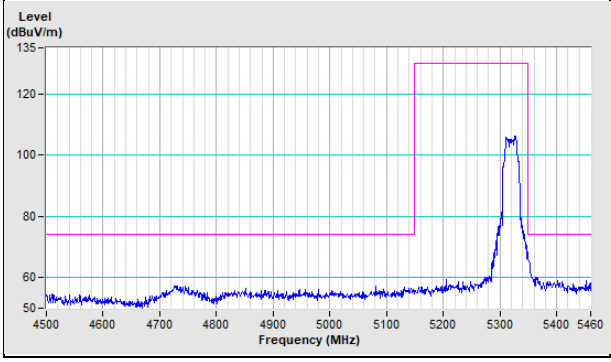
Horizontal (Peak)



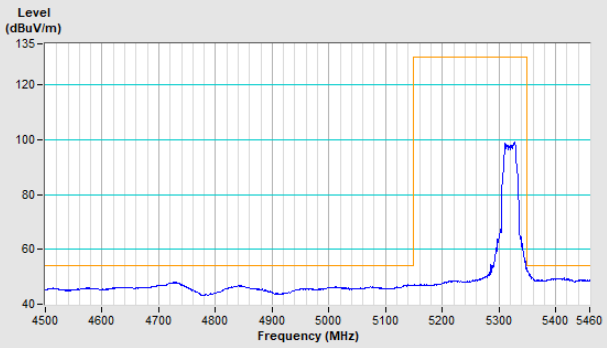
Horizontal (Average)



Vertical (Peak)

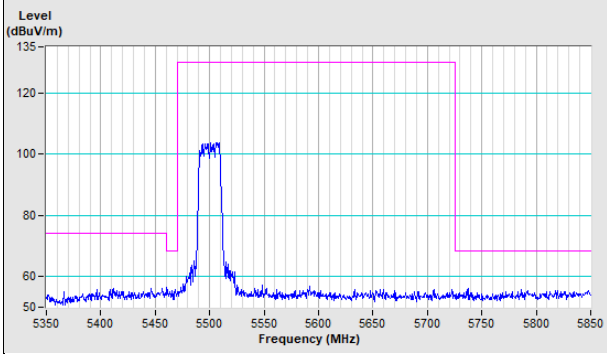


Vertical (Average)

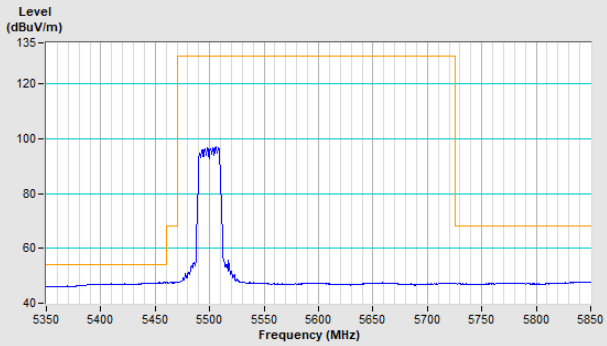


802.11ax (HE20) Channel 100

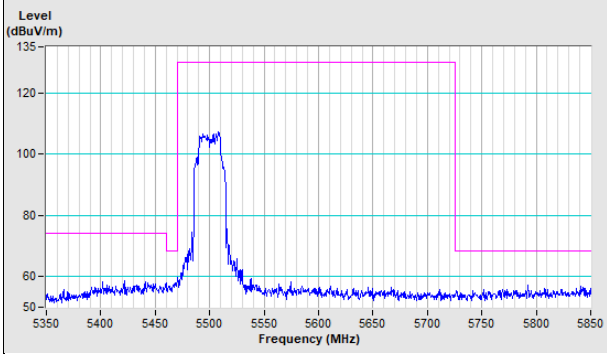
Horizontal (Peak)



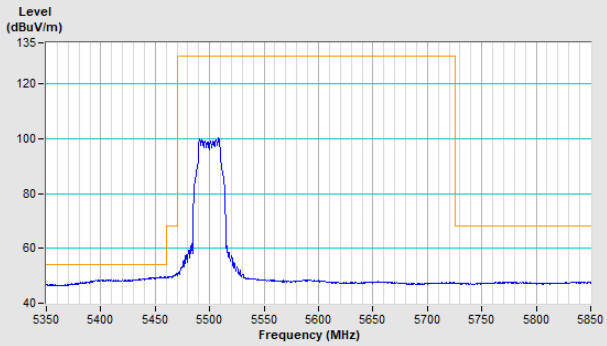
Horizontal (Average)



Vertical (Peak)

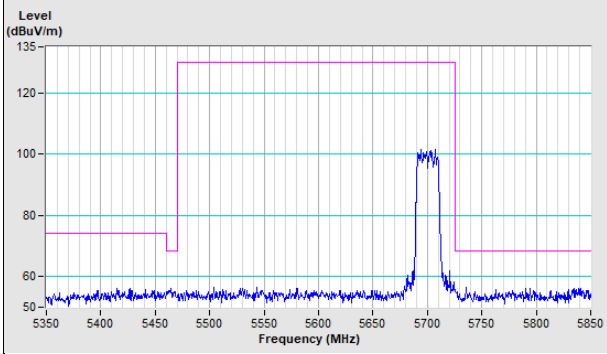


Vertical (Average)

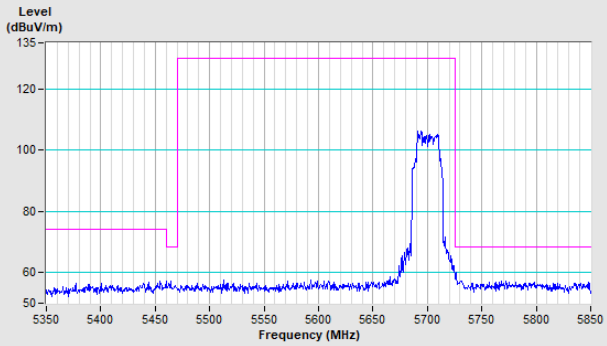


802.11ax (HE20) Channel 140

Horizontal (Peak)

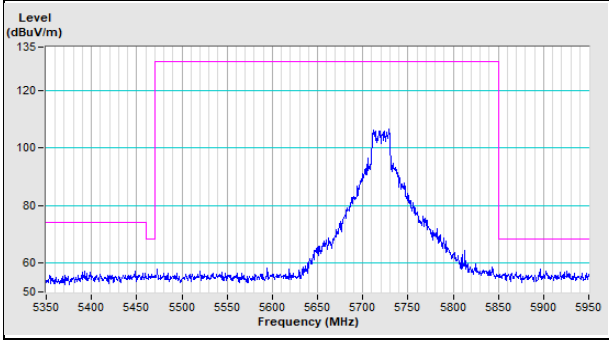


Vertical (Peak)

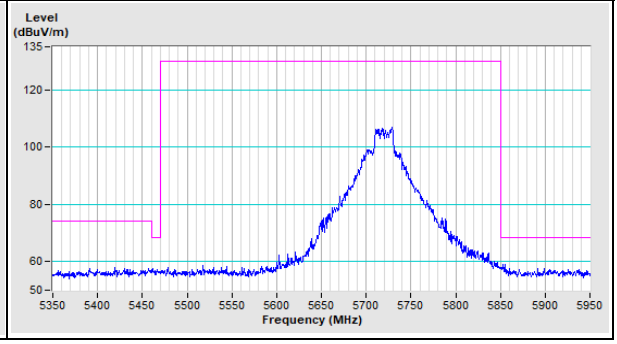


802.11ax (HE20) Channel 144

Horizontal (Peak)

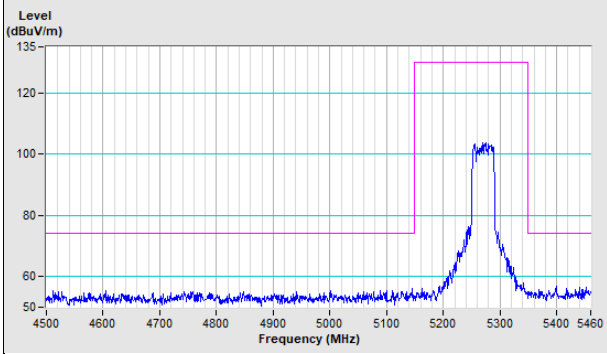


Vertical (Peak)

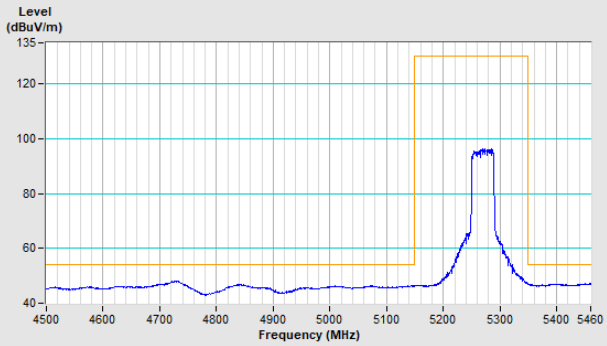


802.11ax (HE40) Channel 54

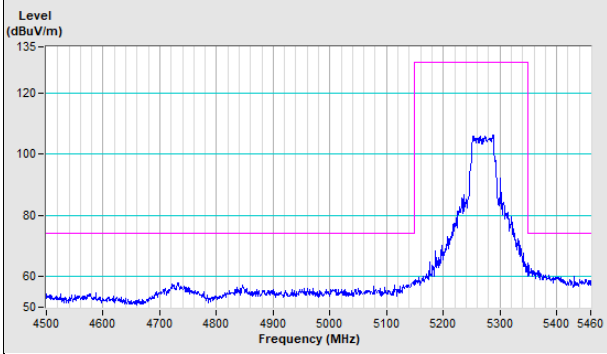
Horizontal (Peak)



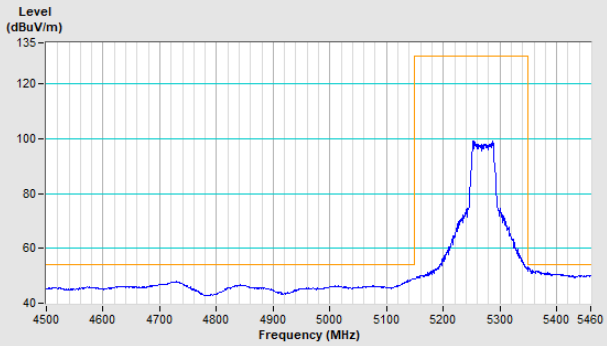
Horizontal (Average)



Vertical (Peak)

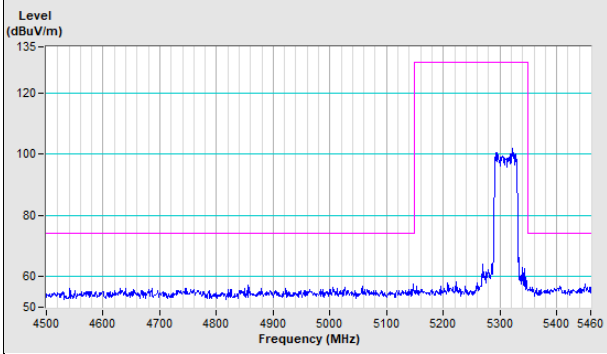


Vertical (Average)

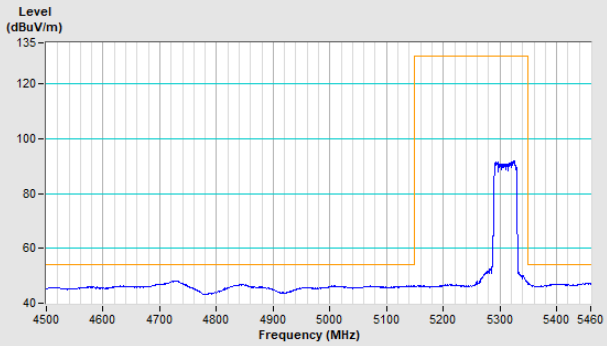


802.11ax (HE40) Channel 62

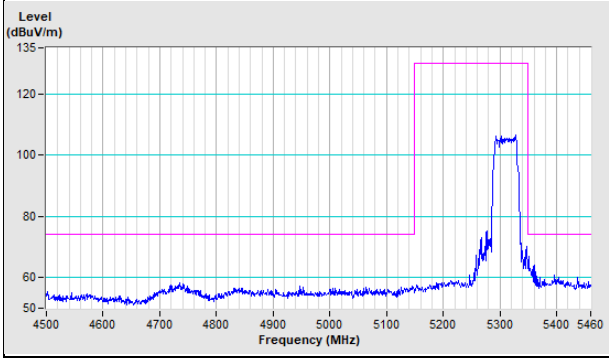
Horizontal (Peak)



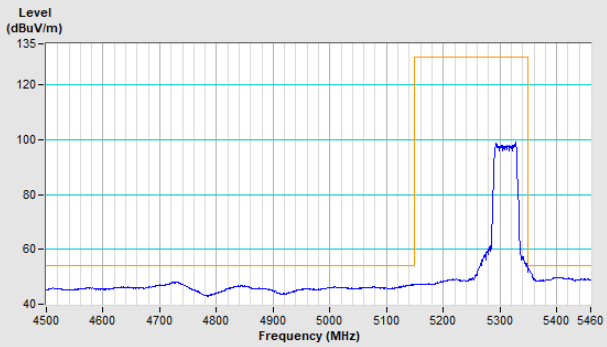
Horizontal (Average)



Vertical (Peak)

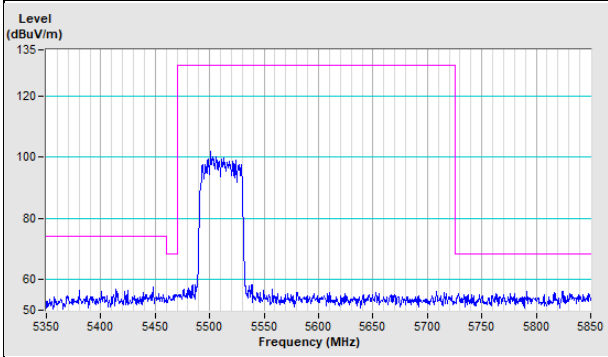


Vertical (Average)

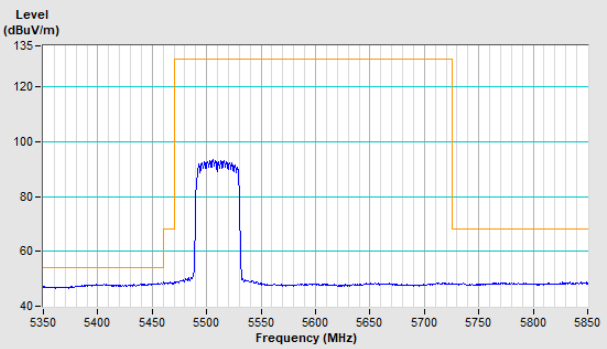


802.11ax (HE40) Channel 102

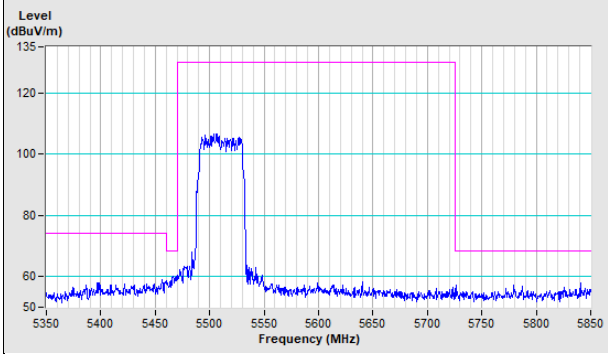
Horizontal (Peak)



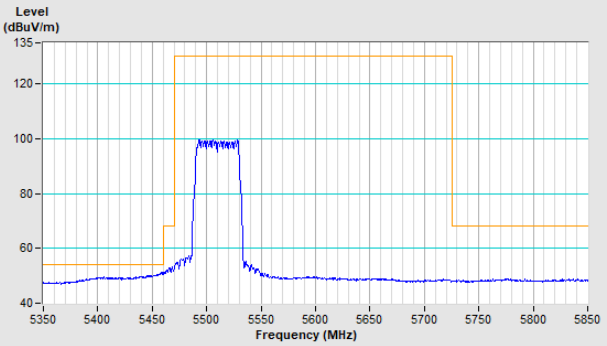
Horizontal (Average)



Vertical (Peak)

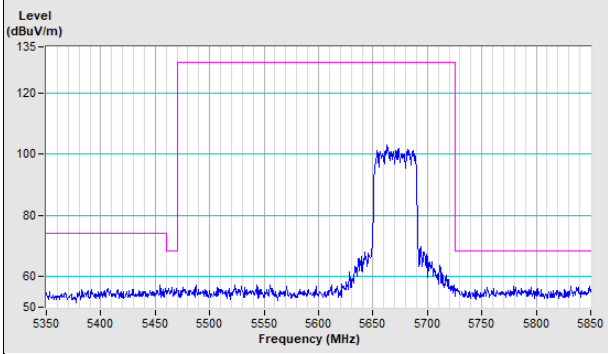


Vertical (Average)

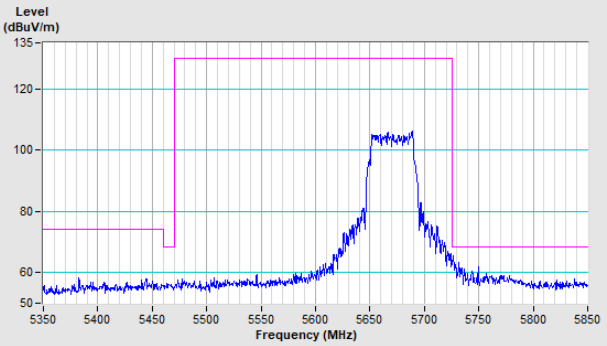


802.11ax (HE40) Channel 134

Horizontal (Peak)

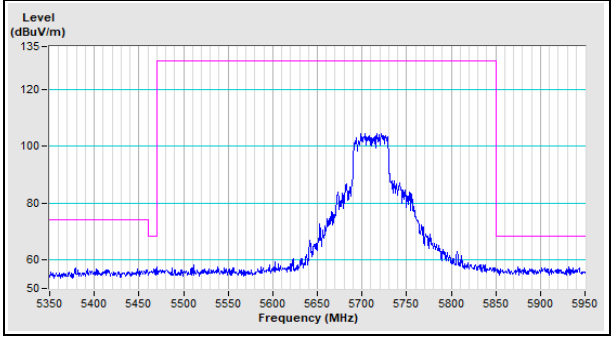


Vertical (Peak)

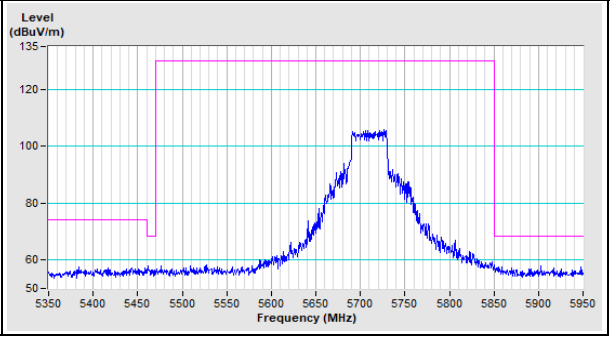


802.11ax (HE40) Channel 142

Horizontal (Peak)

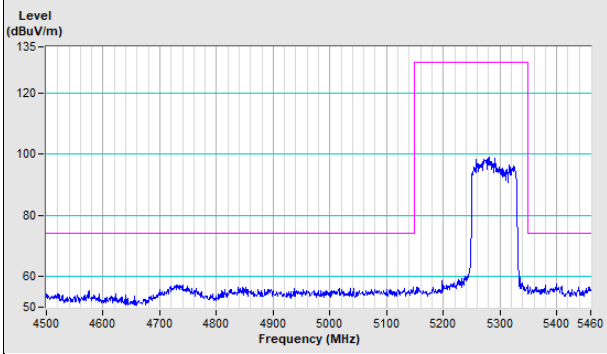


Vertical (Peak)

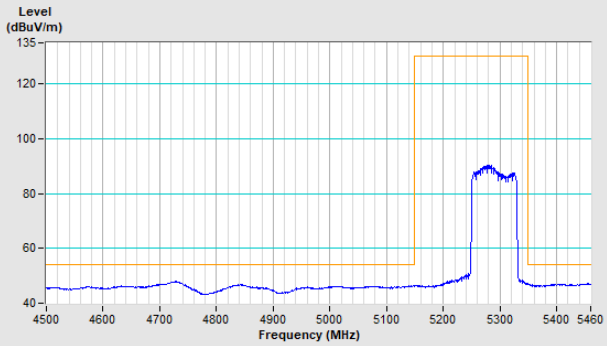


802.11ax (HE80) Channel 58

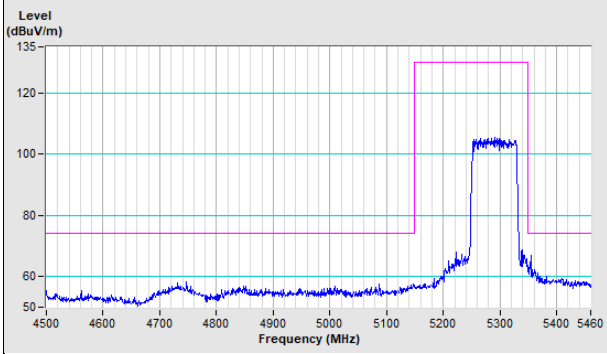
Horizontal (Peak)



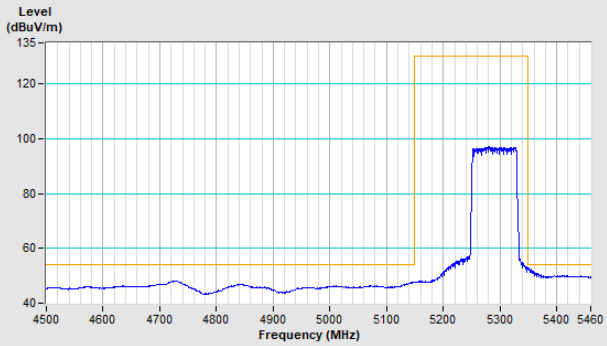
Horizontal (Average)



Vertical (Peak)

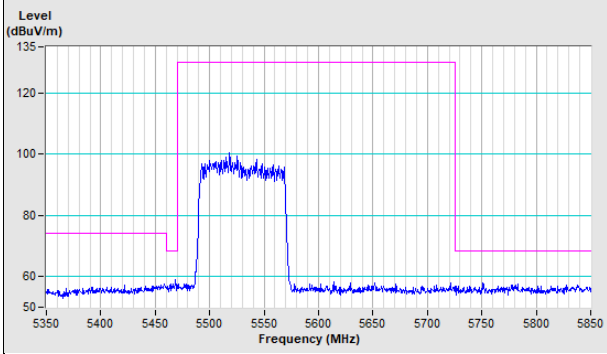


Vertical (Average)

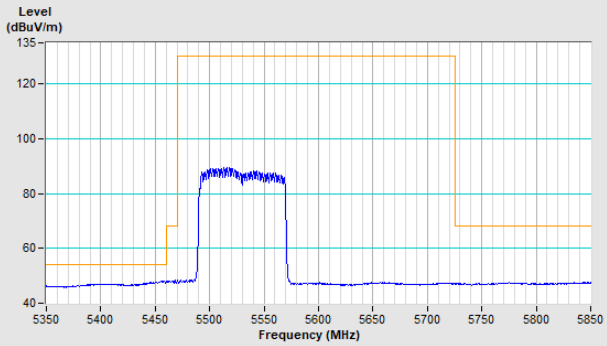


802.11ax (HE80) Channel 106

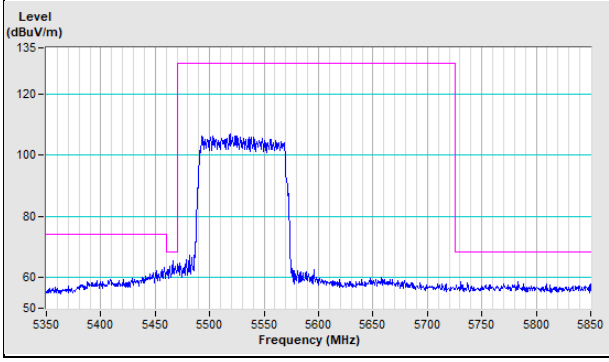
Horizontal (Peak)



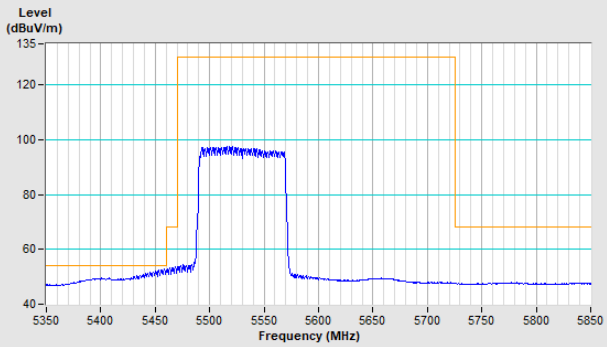
Horizontal (Average)

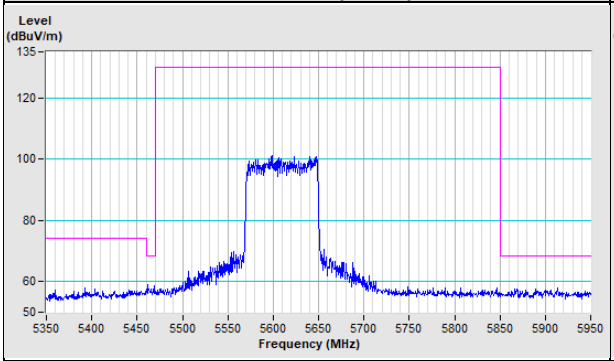
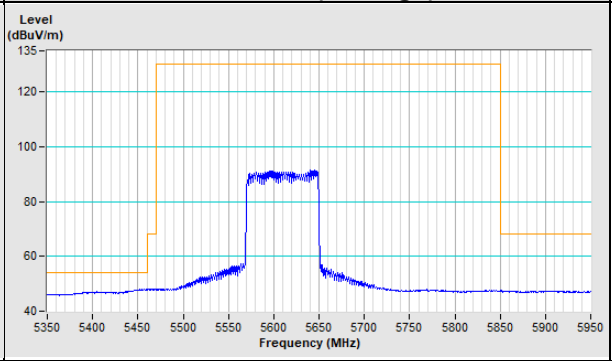
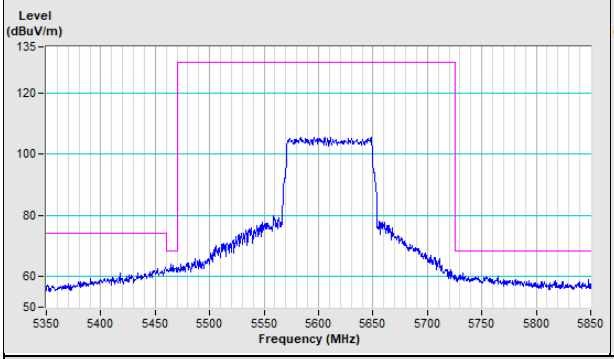
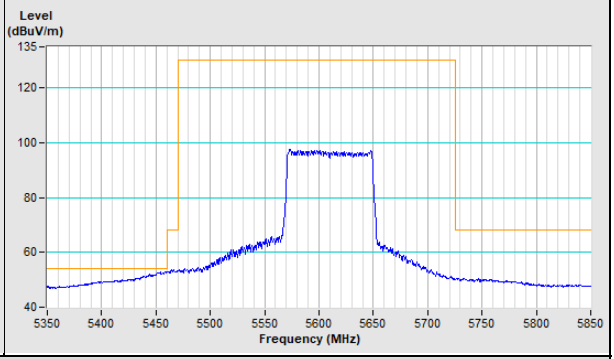
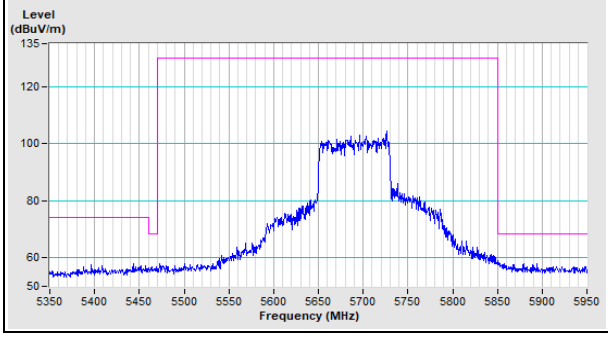
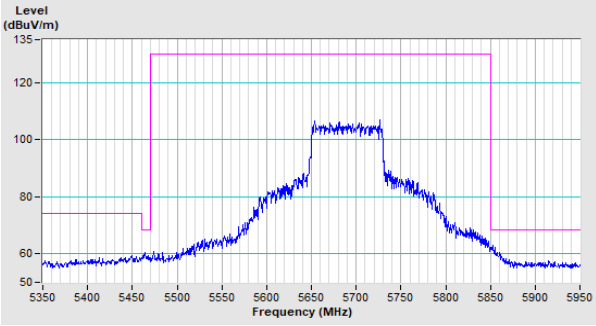


Vertical (Peak)



Vertical (Average)



802.11ax (HE80) Channel 122	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	
802.11ax (HE80) Channel 138	
Horizontal (Peak)	Vertical (Peak)
	

Test Mode E

Radio 3

RF Mode	802.11a	Channel	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.4 PK	74.0	-16.6	2.30 H	232	45.3	12.1
2	5150.00	49.9 AV	54.0	-4.1	2.30 H	232	37.8	12.1
3	*5260.00	109.1 PK			2.30 H	232	66.2	42.9
4	*5260.00	99.8 AV			2.30 H	232	56.9	42.9
5	#10520.00	57.6 PK	68.2	-10.6	1.36 H	6	39.8	17.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.3 PK	74.0	-13.7	2.41 V	237	48.2	12.1
2	5150.00	51.2 AV	54.0	-2.8	2.41 V	237	39.1	12.1
3	*5260.00	111.4 PK			2.41 V	237	68.5	42.9
4	*5260.00	102.7 AV			2.41 V	237	59.8	42.9
5	#10520.00	58.4 PK	68.2	-9.8	1.15 V	57	40.6	17.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	56.2 PK	74.0	-17.8	2.49 H	235	44.1	12.1
2	5150.00	48.4 AV	54.0	-5.6	2.49 H	235	36.3	12.1
3	*5300.00	118.2 PK			2.74 H	234	75.2	43.0
4	*5300.00	110.7 AV			2.74 H	234	67.7	43.0
5	5350.00	57.9 PK	74.0	-16.1	2.71 H	205	45.6	12.3
6	5350.00	49.8 AV	54.0	-4.2	2.71 H	205	37.5	12.3
7	10600.00	57.8 PK	74.0	-16.2	1.05 H	296	40.1	17.7
8	10600.00	49.2 AV	54.0	-4.8	1.05 H	296	31.5	17.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	56.3 PK	74.0	-17.7	2.29 V	272	44.2	12.1
2	5150.00	48.4 AV	54.0	-5.6	2.29 V	272	36.3	12.1
3	*5300.00	122.7 PK			2.42 V	267	79.7	43.0
4	*5300.00	115.4 AV			2.42 V	267	72.4	43.0
5	5350.00	65.7 PK	74.0	-8.3	2.28 V	247	53.4	12.3
6	5350.00	52.5 AV	54.0	-1.5	2.28 V	247	40.2	12.3
7	10600.00	58.2 PK	74.0	-15.8	1.98 V	131	40.5	17.7
8	10600.00	48.3 AV	54.0	-5.7	1.98 V	131	30.6	17.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11a	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	112.4 PK			2.74 H	232	69.4	43.0
2	*5320.00	105.3 AV			2.74 H	232	62.3	43.0
3	5350.00	61.1 PK	74.0	-12.9	2.65 H	232	48.8	12.3
4	5350.00	50.4 AV	54.0	-3.6	2.65 H	232	38.1	12.3
5	10640.00	57.7 PK	74.0	-16.3	2.08 H	137	39.9	17.8
6	10640.00	48.3 AV	54.0	-5.7	2.08 H	137	30.5	17.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	116.6 PK			2.47 V	288	73.6	43.0
2	*5320.00	109.3 AV			2.47 V	288	66.3	43.0
3	5350.00	61.9 PK	74.0	-12.1	2.47 V	274	49.6	12.3
4	5350.00	52.8 AV	54.0	-1.2	2.47 V	274	40.5	12.3
5	10640.00	57.5 PK	74.0	-16.5	1.54 V	108	39.7	17.8
6	10640.00	47.8 AV	54.0	-6.2	1.54 V	108	30.0	17.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11a	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.5 PK	74.0	-16.5	1.69 H	194	44.8	12.7
2	5460.00	48.6 AV	54.0	-5.4	1.69 H	194	35.9	12.7
3	#5470.00	62.7 PK	68.2	-5.5	1.69 H	194	50.0	12.7
4	*5500.00	108.1 PK			1.69 H	194	64.9	43.2
5	*5500.00	99.7 AV			1.69 H	194	56.5	43.2
6	11000.00	58.4 PK	74.0	-15.6	1.05 H	241	40.3	18.1
7	11000.00	48.8 AV	54.0	-5.2	1.05 H	241	30.7	18.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.6 PK	74.0	-13.4	2.31 V	85	47.9	12.7
2	5460.00	48.7 AV	54.0	-5.3	2.31 V	85	36.0	12.7
3	#5470.00	66.6 PK	68.2	-1.6	2.31 V	85	53.9	12.7
4	*5500.00	112.2 PK			2.12 V	168	69.0	43.2
5	*5500.00	103.8 AV			2.12 V	168	60.6	43.2
6	11000.00	58.9 PK	74.0	-15.1	1.34 V	181	40.8	18.1
7	11000.00	48.4 AV	54.0	-5.6	1.34 V	181	30.3	18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	115.5 PK			1.69 H	194	72.1	43.4
2	*5580.00	106.7 AV			1.69 H	194	63.3	43.4
3	11160.00	58.8 PK	74.0	-15.2	1.34 H	150	40.7	18.1
4	11160.00	48.3 AV	54.0	-5.7	1.34 H	150	30.2	18.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	121.0 PK			2.12 V	168	77.6	43.4
2	*5580.00	113.3 AV			2.12 V	168	69.9	43.4
3	11160.00	59.2 PK	74.0	-14.8	1.12 V	114	41.1	18.1
4	11160.00	48.5 AV	54.0	-5.5	1.12 V	114	30.4	18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11a	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	106.4 PK			1.69 H	194	63.0	43.4
2	*5700.00	97.8 AV			1.69 H	194	54.4	43.4
3	#5725.00	60.3 PK	68.2	-7.9	1.69 H	194	47.5	12.8
4	11400.00	58.4 PK	74.0	-15.6	1.68 H	111	39.8	18.6
5	11400.00	48.3 AV	54.0	-5.7	1.68 H	111	29.7	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	111.1 PK			2.12 V	168	67.7	43.4
2	*5700.00	102.5 AV			2.12 V	168	59.1	43.4
3	#5725.00	66.4 PK	68.2	-1.8	2.12 V	343	53.6	12.8
4	11400.00	58.7 PK	74.0	-15.3	1.05 V	241	40.1	18.6
5	11400.00	48.5 AV	54.0	-5.5	1.05 V	241	29.9	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11a	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.7 PK	74.0	-17.3	2.54 H	194	44.0	12.7
2	5460.00	47.7 AV	54.0	-6.3	2.54 H	194	35.0	12.7
3	#5470.00	58.6 PK	68.2	-9.6	2.54 H	194	45.9	12.7
4	*5720.00	119.0 PK			2.43 H	192	75.4	43.6
5	*5720.00	110.6 AV			2.43 H	192	67.0	43.6
6	11440.00	58.4 PK	74.0	-15.6	1.78 H	202	39.8	18.6
7	11440.00	49.1 AV	54.0	-4.9	1.78 H	202	30.5	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.2 PK	74.0	-16.8	2.26 V	93	44.5	12.7
2	5460.00	48.7 AV	54.0	-5.3	2.26 V	93	36.0	12.7
3	#5470.00	59.0 PK	68.2	-9.2	2.34 V	89	46.3	12.7
4	*5720.00	122.5 PK			2.34 V	93	78.9	43.6
5	*5720.00	114.8 AV			2.34 V	93	71.2	43.6
6	11440.00	58.8 PK	74.0	-15.2	2.47 V	109	40.2	18.6
7	11440.00	49.1 AV	54.0	-4.9	2.47 V	109	30.5	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 52：5260 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.1 PK	74.0	-16.9	2.41 H	195	45.0	12.1
2	5150.00	48.9 AV	54.0	-5.1	2.41 H	195	36.8	12.1
3	*5260.00	109.1 PK			2.32 H	199	66.2	42.9
4	*5260.00	100.1 AV			2.32 H	199	57.2	42.9
5	5350.00	58.4 PK	74.0	-15.6	2.32 H	199	46.1	12.3
6	5350.00	50.3 AV	54.0	-3.7	2.32 H	199	38.0	12.3
7	#10520.00	57.6 PK	68.2	-10.6	2.71 H	24	39.8	17.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.0 PK	74.0	-17.0	2.54 V	92	44.9	12.1
2	5150.00	49.8 AV	54.0	-4.2	2.54 V	92	37.7	12.1
3	*5260.00	113.7 PK			2.50 V	94	70.8	42.9
4	*5260.00	104.1 AV			2.50 V	94	61.2	42.9
5	5350.00	59.7 PK	74.0	-14.3	2.44 V	102	47.4	12.3
6	5350.00	52.8 AV	54.0	-1.2	2.44 V	102	40.5	12.3
7	#10520.00	58.1 PK	68.2	-10.1	2.55 V	141	40.3	17.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 60：5300 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	56.6 PK	74.0	-17.4	2.63 H	235	44.5	12.1
2	5150.00	48.5 AV	54.0	-5.5	2.63 H	235	36.4	12.1
3	*5300.00	117.3 PK			2.74 H	234	74.3	43.0
4	*5300.00	107.4 AV			2.74 H	234	64.4	43.0
5	5350.00	61.7 PK	74.0	-12.3	2.75 H	206	49.4	12.3
6	5350.00	51.2 AV	54.0	-2.8	2.75 H	206	38.9	12.3
7	10600.00	57.6 PK	74.0	-16.4	1.71 H	264	39.9	17.7
8	10600.00	48.2 AV	54.0	-5.8	1.71 H	264	30.5	17.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.9 PK	74.0	-18.1	2.42 V	267	43.8	12.1
2	5150.00	48.2 AV	54.0	-5.8	2.42 V	267	36.1	12.1
3	*5300.00	120.4 PK			2.42 V	267	77.4	43.0
4	*5300.00	111.0 AV			2.42 V	267	68.0	43.0
5	5350.00	63.3 PK	74.0	-10.7	2.39 V	247	51.0	12.3
6	5350.00	52.8 AV	54.0	-1.2	2.39 V	247	40.5	12.3
7	10600.00	58.1 PK	74.0	-15.9	2.16 V	223	40.4	17.7
8	10600.00	48.6 AV	54.0	-5.4	2.16 V	223	30.9	17.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE20)	Channel	CH 64：5320 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	113.0 PK			2.74 H	232	70.0	43.0
2	*5320.00	102.8 AV			2.74 H	232	59.8	43.0
3	5350.00	58.9 PK	74.0	-15.1	2.68 H	202	46.6	12.3
4	5350.00	50.3 AV	54.0	-3.7	2.68 H	202	38.0	12.3
5	10640.00	57.6 PK	74.0	-16.4	2.58 H	142	39.8	17.8
6	10640.00	48.2 AV	54.0	-5.8	2.58 H	142	30.4	17.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5320.00	116.4 PK			2.47 V	288	73.4	43.0
2	*5320.00	106.8 AV			2.47 V	288	63.8	43.0
3	5350.00	61.7 PK	74.0	-12.3	2.49 V	256	49.4	12.3
4	5350.00	52.9 AV	54.0	-1.1	2.49 V	256	40.6	12.3
5	10640.00	57.4 PK	74.0	-16.6	1.12 V	43	39.6	17.8
6	10640.00	47.9 AV	54.0	-6.1	1.12 V	43	30.1	17.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE20)	Channel	CH 100：5500 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.1 PK	74.0	-13.9	1.69 H	194	47.4	12.7
2	5460.00	48.2 AV	54.0	-5.8	1.69 H	194	35.5	12.7
3	#5470.00	62.2 PK	68.2	-6.0	1.69 H	194	49.5	12.7
4	*5500.00	107.8 PK			1.69 H	194	64.6	43.2
5	*5500.00	98.8 AV			1.69 H	194	55.6	43.2
6	11000.00	58.4 PK	74.0	-15.6	1.74 H	48	40.3	18.1
7	11000.00	48.4 AV	54.0	-5.6	1.74 H	48	30.3	18.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	62.1 PK	74.0	-11.9	2.31 V	85	49.4	12.7
2	5460.00	50.3 AV	54.0	-3.7	2.31 V	85	37.6	12.7
3	#5470.00	66.5 PK	68.2	-1.7	2.31 V	85	53.8	12.7
4	*5500.00	112.5 PK			2.12 V	168	69.3	43.2
5	*5500.00	103.9 AV			2.12 V	168	60.7	43.2
6	11000.00	58.8 PK	74.0	-15.2	1.35 V	181	40.7	18.1
7	11000.00	48.6 AV	54.0	-5.4	1.35 V	181	30.5	18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 116：5580 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	115.5 PK			1.69 H	194	72.1	43.4
2	*5580.00	106.7 AV			1.69 H	194	63.3	43.4
3	11160.00	58.6 PK	74.0	-15.4	1.63 H	325	40.5	18.1
4	11160.00	48.6 AV	54.0	-5.4	1.63 H	325	30.5	18.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5580.00	120.2 PK			2.12 V	168	76.8	43.4
2	*5580.00	111.4 AV			2.12 V	168	68.0	43.4
3	11160.00	58.7 PK	74.0	-15.3	1.69 V	333	40.6	18.1
4	11160.00	48.6 AV	54.0	-5.4	1.69 V	333	30.5	18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE20)	Channel	CH 140：5700 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	105.4 PK			1.69 H	194	62.0	43.4
2	*5700.00	96.7 AV			1.69 H	194	53.3	43.4
3	#5725.00	58.7 PK	68.2	-9.5	1.69 H	194	45.9	12.8
4	11400.00	58.3 PK	74.0	-15.7	1.05 H	220	39.7	18.6
5	11400.00	48.5 AV	54.0	-5.5	1.05 H	220	29.9	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*5700.00	110.4 PK			2.12 V	168	67.0	43.4
2	*5700.00	101.7 AV			2.12 V	168	58.3	43.4
3	#5725.00	66.8 PK	68.2	-1.4	2.12 V	343	54.0	12.8
4	11400.00	58.6 PK	74.0	-15.4	1.75 V	339	40.0	18.6
5	11400.00	48.4 AV	54.0	-5.6	1.75 V	339	29.8	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE20)	Channel	CH 144：5720 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	55.3 PK	74.0	-18.7	2.43 H	192	42.6	12.7
2	5460.00	48.1 AV	54.0	-5.9	2.43 H	192	35.4	12.7
3	#5470.00	58.4 PK	68.2	-9.8	2.51 H	193	45.7	12.7
4	*5720.00	118.3 PK			2.43 H	192	74.7	43.6
5	*5720.00	109.6 AV			2.43 H	192	66.0	43.6
6	11440.00	58.3 PK	74.0	-15.7	2.29 H	115	39.7	18.6
7	11440.00	48.9 AV	54.0	-5.1	2.29 H	115	30.3	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.0 PK	74.0	-17.0	2.36 V	95	44.3	12.7
2	5460.00	48.7 AV	54.0	-5.3	2.36 V	95	36.0	12.7
3	#5470.00	59.7 PK	68.2	-8.5	2.24 V	89	47.0	12.7
4	*5720.00	122.2 PK			2.34 V	93	78.6	43.6
5	*5720.00	113.6 AV			2.34 V	93	70.0	43.6
6	11440.00	58.1 PK	74.0	-15.9	1.87 V	225	39.5	18.6
7	11440.00	48.7 AV	54.0	-5.3	1.87 V	225	30.1	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 54：5270 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	56.9 PK	74.0	-17.1	2.32 H	199	44.8	12.1
2	5150.00	48.2 AV	54.0	-5.8	2.32 H	199	36.1	12.1
3	*5270.00	112.3 PK			2.32 H	199	69.4	42.9
4	*5270.00	103.7 AV			2.32 H	199	60.8	42.9
5	5350.00	59.2 PK	74.0	-14.8	2.32 H	199	46.9	12.3
6	5350.00	50.8 AV	54.0	-3.2	2.32 H	199	38.5	12.3
7	#10540.00	57.2 PK	68.2	-11.0	2.14 H	161	39.4	17.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.7 PK	74.0	-18.3	2.54 V	96	43.6	12.1
2	5150.00	46.5 AV	54.0	-7.5	2.54 V	96	34.4	12.1
3	*5270.00	117.7 PK			2.50 V	94	74.8	42.9
4	*5270.00	107.9 AV			2.50 V	94	65.0	42.9
5	5350.00	61.5 PK	74.0	-12.5	2.41 V	97	49.2	12.3
6	5350.00	52.9 AV	54.0	-1.1	2.41 V	97	40.6	12.3
7	#10540.00	57.7 PK	68.2	-10.5	2.62 V	123	39.9	17.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 62：5310 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	56.1 PK	74.0	-17.9	2.74 H	200	44.0	12.1
2	5150.00	47.3 AV	54.0	-6.7	2.74 H	200	35.2	12.1
3	*5310.00	107.5 PK			2.74 H	200	64.5	43.0
4	*5310.00	99.7 AV			2.74 H	200	56.7	43.0
5	5350.00	58.6 PK	74.0	-15.4	2.67 H	204	46.3	12.3
6	5350.00	50.6 AV	54.0	-3.4	2.67 H	204	38.3	12.3
7	10620.00	57.6 PK	74.0	-16.4	1.21 H	175	39.9	17.7
8	10620.00	48.2 AV	54.0	-5.8	1.21 H	175	30.5	17.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	55.0 PK	74.0	-19.0	2.48 V	102	42.9	12.1
2	5150.00	47.5 AV	54.0	-6.5	2.48 V	102	35.4	12.1
3	*5310.00	111.0 PK			2.48 V	102	68.0	43.0
4	*5310.00	103.1 AV			2.48 V	102	60.1	43.0
5	5350.00	62.2 PK	74.0	-11.8	2.48 V	102	49.9	12.3
6	5350.00	52.8 AV	54.0	-1.2	2.48 V	102	40.5	12.3
7	10620.00	57.4 PK	74.0	-16.6	1.04 V	212	39.7	17.7
8	10620.00	48.1 AV	54.0	-5.9	1.04 V	212	30.4	17.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.

RF Mode	802.11ax (HE40)	Channel	CH 102：5510 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	61.6 PK	74.0	-12.4	1.69 H	194	48.9	12.7
2	5460.00	49.3 AV	54.0	-4.7	1.69 H	194	36.6	12.7
3	#5470.00	62.1 PK	68.2	-6.1	1.69 H	194	49.4	12.7
4	*5510.00	103.4 PK			1.69 H	194	60.0	43.4
5	*5510.00	94.8 AV			1.69 H	194	51.4	43.4
6	#5725.00	60.2 PK	68.2	-8.0	1.69 H	194	47.4	12.8
7	11020.00	58.4 PK	74.0	-15.6	1.18 H	181	40.3	18.1
8	11020.00	48.5 AV	54.0	-5.5	1.18 H	181	30.4	18.1
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	62.1 PK	74.0	-11.9	2.12 V	80	49.4	12.7
2	5460.00	50.3 AV	54.0	-3.7	2.12 V	80	37.6	12.7
3	#5470.00	66.8 PK	68.2	-1.4	2.12 V	80	54.1	12.7
4	*5510.00	108.1 PK			2.12 V	168	64.7	43.4
5	*5510.00	99.7 AV			2.12 V	168	56.3	43.4
6	#5725.00	60.3 PK	68.2	-7.9	2.12 V	168	47.5	12.8
7	11020.00	58.8 PK	74.0	-15.2	1.02 V	284	40.7	18.1
8	11020.00	48.3 AV	54.0	-5.7	1.02 V	284	30.2	18.1

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 110：5550 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.2 PK	74.0	-13.8	1.69 H	194	47.5	12.7
2	5460.00	48.7 AV	54.0	-5.3	1.69 H	194	36.0	12.7
3	#5470.00	63.0 PK	68.2	-5.2	1.69 H	194	50.3	12.7
4	*5550.00	107.4 PK			1.69 H	194	64.0	43.4
5	*5550.00	98.8 AV			1.69 H	194	55.4	43.4
6	#5725.00	60.3 PK	68.2	-7.9	1.69 H	194	47.5	12.8
7	11100.00	58.5 PK	74.0	-15.5	1.05 H	100	39.9	18.6
8	11100.00	48.5 AV	54.0	-5.5	1.05 H	100	29.9	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	65.5 PK	74.0	-8.5	2.10 V	165	52.8	12.7
2	5460.00	52.4 AV	54.0	-1.6	2.10 V	165	39.7	12.7
3	#5470.00	66.4 PK	68.2	-1.8	2.10 V	165	53.7	12.7
4	*5550.00	112.2 PK			2.12 V	168	68.8	43.4
5	*5550.00	103.7 AV			2.12 V	168	60.3	43.4
6	#5725.00	60.4 PK	68.2	-7.8	2.12 V	168	47.6	12.8
7	11100.00	58.7 PK	74.0	-15.3	1.96 V	15	40.1	18.6
8	11100.00	48.6 AV	54.0	-5.4	1.96 V	15	30.0	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 134：5670 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.4 PK	74.0	-13.6	1.69 H	194	47.7	12.7
2	5460.00	48.3 AV	54.0	-5.7	1.69 H	194	35.6	12.7
3	#5470.00	60.6 PK	68.2	-7.6	1.69 H	194	47.9	12.7
4	*5670.00	106.4 PK			1.69 H	194	62.9	43.5
5	*5670.00	97.7 AV			1.69 H	194	54.2	43.5
6	#5725.00	60.0 PK	68.2	-8.2	1.69 H	194	47.2	12.8
7	11340.00	58.4 PK	74.0	-15.6	1.35 H	112	40.0	18.4
8	11340.00	48.3 AV	54.0	-5.7	1.35 H	112	29.9	18.4
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.2 PK	74.0	-13.8	2.12 V	168	47.5	12.7
2	5460.00	48.2 AV	54.0	-5.8	2.12 V	168	35.5	12.7
3	#5470.00	60.5 PK	68.2	-7.7	2.12 V	168	47.8	12.7
4	*5670.00	111.0 PK			2.12 V	168	67.5	43.5
5	*5670.00	102.4 AV			2.12 V	168	58.9	43.5
6	#5725.00	67.1 PK	68.2	-1.1	2.12 V	184	54.3	12.8
7	11340.00	58.8 PK	74.0	-15.2	1.12 V	217	40.4	18.4
8	11340.00	48.7 AV	54.0	-5.3	1.12 V	217	30.3	18.4

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE40)	Channel	CH 142：5710 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.7 PK	74.0	-17.3	2.49 H	195	44.0	12.7
2	5460.00	48.3 AV	54.0	-5.7	2.49 H	195	35.6	12.7
3	#5470.00	58.8 PK	68.2	-9.4	2.44 H	186	46.1	12.7
4	*5710.00	114.1 PK			2.43 H	192	70.7	43.4
5	*5710.00	106.6 AV			2.43 H	192	63.2	43.4
6	11420.00	58.7 PK	74.0	-15.3	2.27 H	92	40.1	18.6
7	11420.00	49.1 AV	54.0	-4.9	2.27 H	92	30.5	18.6
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	57.5 PK	74.0	-16.5	2.34 V	84	44.8	12.7
2	5460.00	48.9 AV	54.0	-5.1	2.34 V	84	36.2	12.7
3	#5470.00	59.8 PK	68.2	-8.4	2.26 V	93	47.1	12.7
4	*5710.00	119.0 PK			2.34 V	93	75.6	43.4
5	*5710.00	110.6 AV			2.34 V	93	67.2	43.4
6	11420.00	58.5 PK	74.0	-15.5	1.25 V	287	39.9	18.6
7	11420.00	49.0 AV	54.0	-5.0	1.25 V	287	30.4	18.6

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80)	Channel	CH 58：5290 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	57.7 PK	74.0	-16.3	2.57 H	191	45.6	12.1
2	5150.00	47.9 AV	54.0	-6.1	2.57 H	191	35.8	12.1
3	*5290.00	103.8 PK			2.61 H	198	60.8	43.0
4	*5290.00	96.8 AV			2.61 H	198	53.8	43.0
5	5350.00	59.9 PK	74.0	-14.1	2.49 H	198	47.6	12.3
6	5350.00	51.3 AV	54.0	-2.7	2.49 H	198	39.0	12.3
7	#10580.00	57.8 PK	68.2	-10.4	2.46 H	108	40.1	17.7
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	56.4 PK	74.0	-17.6	2.47 V	89	44.3	12.1
2	5150.00	48.2 AV	54.0	-5.8	2.47 V	89	36.1	12.1
3	*5290.00	107.4 PK			2.50 V	94	64.4	43.0
4	*5290.00	99.7 AV			2.50 V	94	56.7	43.0
5	5350.00	61.0 PK	74.0	-13.0	2.56 V	98	48.7	12.3
6	5350.00	52.9 AV	54.0	-1.1	2.56 V	98	40.6	12.3
7	#10580.00	57.2 PK	68.2	-11.0	2.25 V	194	39.5	17.7

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80)	Channel	CH 106：5530 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.0 PK	74.0	-14.0	1.69 H	194	47.3	12.7
2	5460.00	48.5 AV	54.0	-5.5	1.69 H	194	35.8	12.7
3	#5470.00	62.0 PK	68.2	-6.2	1.69 H	194	49.3	12.7
4	*5530.00	101.2 PK			1.69 H	194	57.8	43.4
5	*5530.00	92.8 AV			1.69 H	194	49.4	43.4
6	#5725.00	60.5 PK	68.2	-7.7	1.69 H	194	47.7	12.8
7	11060.00	58.4 PK	74.0	-15.6	1.95 H	250	40.1	18.3
8	11060.00	48.6 AV	54.0	-5.4	1.95 H	250	30.3	18.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	66.2 PK	74.0	-7.8	2.15 V	165	53.5	12.7
2	5460.00	52.9 AV	54.0	-1.1	2.15 V	165	40.2	12.7
3	#5470.00	66.9 PK	68.2	-1.3	2.15 V	165	54.2	12.7
4	*5530.00	105.6 PK			2.13 V	169	62.2	43.4
5	*5530.00	96.7 AV			2.13 V	169	53.3	43.4
6	#5725.00	60.3 PK	68.2	-7.9	2.13 V	169	47.5	12.8
7	11060.00	58.7 PK	74.0	-15.3	1.15 V	183	40.4	18.3
8	11060.00	48.7 AV	54.0	-5.3	1.15 V	183	30.4	18.3

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80)	Channel	CH 122：5610 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.1 PK	74.0	-13.9	1.69 H	194	47.4	12.7
2	5460.00	48.3 AV	54.0	-5.7	1.69 H	194	35.6	12.7
3	#5470.00	60.4 PK	68.2	-7.8	1.69 H	194	47.7	12.7
4	*5610.00	105.7 PK			1.69 H	194	62.3	43.4
5	*5610.00	96.8 AV			1.69 H	194	53.4	43.4
6	#5725.00	63.5 PK	68.2	-4.7	1.69 H	194	50.7	12.8
7	11220.00	58.3 PK	74.0	-15.7	1.96 H	350	40.4	17.9
8	11220.00	48.4 AV	54.0	-5.6	1.96 H	350	30.5	17.9
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.3 PK	74.0	-13.7	2.12 V	168	47.6	12.7
2	5460.00	48.4 AV	54.0	-5.6	2.12 V	168	35.7	12.7
3	#5470.00	60.7 PK	68.2	-7.5	2.12 V	168	48.0	12.7
4	*5610.00	110.2 PK			2.12 V	168	66.8	43.4
5	*5610.00	101.4 AV			2.12 V	168	58.0	43.4
6	#5725.00	67.1 PK	68.2	-1.1	2.11 V	91	54.3	12.8
7	11220.00	58.6 PK	74.0	-15.4	1.85 V	179	40.7	17.9
8	11220.00	48.7 AV	54.0	-5.3	1.85 V	179	30.8	17.9

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE80)	Channel	CH 138：5690 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.4 PK	74.0	-17.6	2.43 H	181	43.7	12.7
2	5460.00	48.4 AV	54.0	-5.6	2.43 H	181	35.7	12.7
3	#5470.00	58.8 PK	68.2	-9.4	2.40 H	194	46.1	12.7
4	*5690.00	108.6 PK			2.43 H	192	65.2	43.4
5	*5690.00	102.2 AV			2.43 H	192	58.8	43.4
6	#5850.00	62.9 PK	68.2	-5.3	2.33 H	191	49.8	13.1
7	11380.00	57.7 PK	74.0	-16.3	1.42 H	171	39.2	18.5
8	11380.00	48.1 AV	54.0	-5.9	1.42 H	171	29.6	18.5
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	56.9 PK	74.0	-17.1	2.32 V	81	44.2	12.7
2	5460.00	49.5 AV	54.0	-4.5	2.32 V	81	36.8	12.7
3	#5470.00	61.1 PK	68.2	-7.1	2.34 V	92	48.4	12.7
4	*5690.00	113.0 PK			2.32 V	88	69.6	43.4
5	*5690.00	106.3 AV			2.32 V	88	62.9	43.4
6	#5850.00	67.1 PK	68.2	-1.1	2.32 V	88	54.0	13.1
7	11380.00	59.0 PK	74.0	-15.0	1.05 V	39	40.5	18.5
8	11380.00	49.3 AV	54.0	-4.7	1.05 V	39	30.8	18.5

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE160)	Channel	CH 50：5250 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	60.5 PK	74.0	-13.5	2.30 H	232	48.4	12.1
2	5150.00	48.1 AV	54.0	-5.9	2.30 H	232	36.0	12.1
3	*5250.00	98.8 PK			2.30 H	232	55.8	43.0
4	*5250.00	90.7 AV			2.30 H	232	47.7	43.0
5	5350.00	57.1 PK	74.0	-16.9	2.30 H	232	44.8	12.3
6	5350.00	48.2 AV	54.0	-5.8	2.30 H	232	35.9	12.3
7	#10500.00	58.2 PK	68.2	-10.0	1.05 H	24	40.4	17.8
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5150.00	62.4 PK	74.0	-11.6	2.38 V	95	50.3	12.1
2	5150.00	50.2 AV	54.0	-3.8	2.38 V	95	38.1	12.1
3	*5250.00	102.2 PK			2.38 V	95	59.2	43.0
4	*5250.00	93.6 AV			2.38 V	95	50.6	43.0
5	5350.00	65.5 PK	74.0	-8.5	2.41 V	90	53.2	12.3
6	5350.00	52.7 AV	54.0	-1.3	2.41 V	90	40.4	12.3
7	#10500.00	58.4 PK	68.2	-9.8	1.12 V	249	40.6	17.8

Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

RF Mode	802.11ax (HE160)	Channel	CH 114：5570 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	(PK) RB = 1 MHz, VB = 3 MHz (AV) RB = 1 MHz, VB = 1 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	25°C, 59% RH
Tested By	Charles Hsiao		

Antenna Polarity & Test Distance : Horizontal at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	60.0 PK	74.0	-14.0	1.69 H	194	47.3	12.7
2	5460.00	48.2 AV	54.0	-5.8	1.69 H	194	35.5	12.7
3	#5470.00	61.8 PK	68.2	-6.4	1.69 H	194	49.1	12.7
4	*5570.00	98.1 PK			1.69 H	194	54.7	43.4
5	*5570.00	89.6 AV			1.69 H	194	46.2	43.4
6	#5725.00	60.3 PK	68.2	-7.9	1.69 H	194	47.5	12.8
7	11140.00	58.7 PK	74.0	-15.3	1.15 H	184	40.4	18.3
8	11140.00	48.5 AV	54.0	-5.5	1.15 H	184	30.2	18.3
Antenna Polarity & Test Distance : Vertical at 3 m								
No	Frequency (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	5460.00	66.9 PK	74.0	-7.1	2.10 V	165	54.2	12.7
2	5460.00	50.7 AV	54.0	-3.3	2.10 V	165	38.0	12.7
3	#5470.00	66.5 PK	68.2	-1.7	2.10 V	165	53.8	12.7
4	*5570.00	103.5 PK			2.12 V	168	60.1	43.4
5	*5570.00	94.5 AV			2.12 V	168	51.1	43.4
6	#5725.00	64.0 PK	68.2	-4.2	2.12 V	168	51.2	12.8
7	11140.00	59.0 PK	74.0	-15.0	1.15 V	350	40.7	18.3
8	11140.00	48.8 AV	54.0	-5.2	1.15 V	350	30.5	18.3

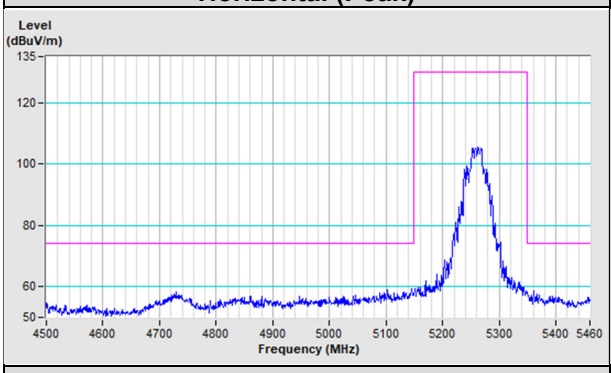
Remarks:

1. Emission Level(dBuV/m) = Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre-Amplifier Factor(dB)
3. Margin value = Emission Level – Limit value
4. The other emission levels were very low against the limit.
5. " * ": Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # ": The radiated frequency is out of the restricted band.

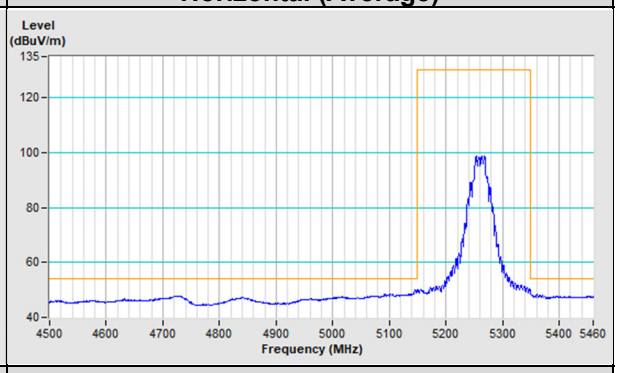
Radio 3_Plot of Band Edge

802.11a Channel 52

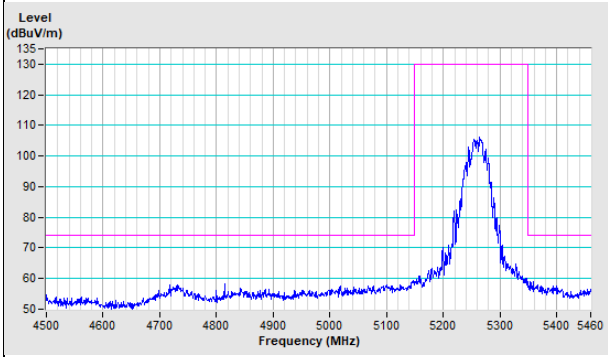
Horizontal (Peak)



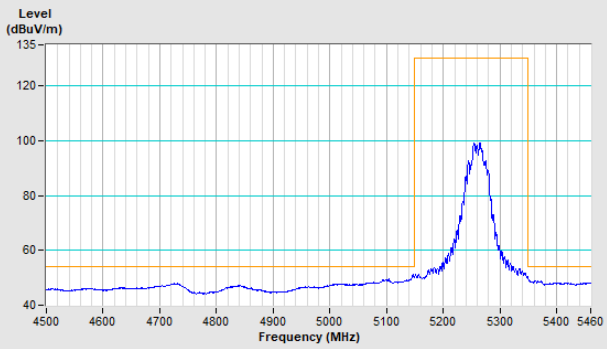
Horizontal (Average)



Vertical (Peak)

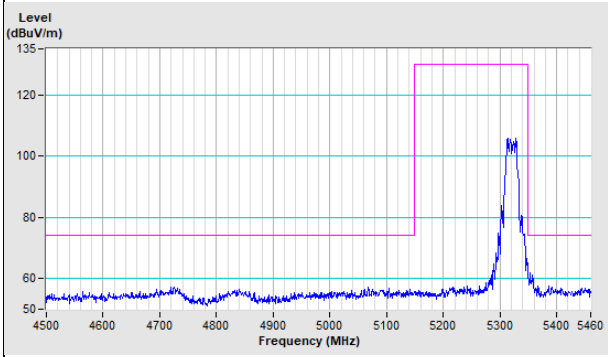


Vertical (Average)

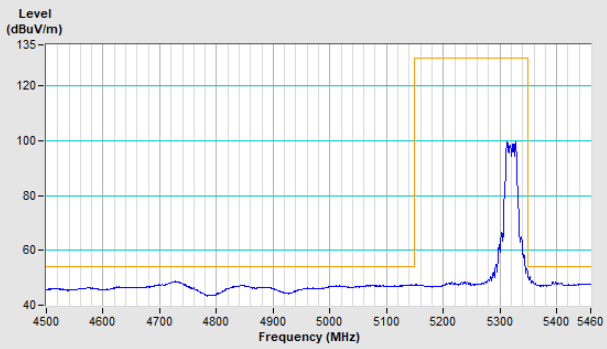


802.11a Channel 64

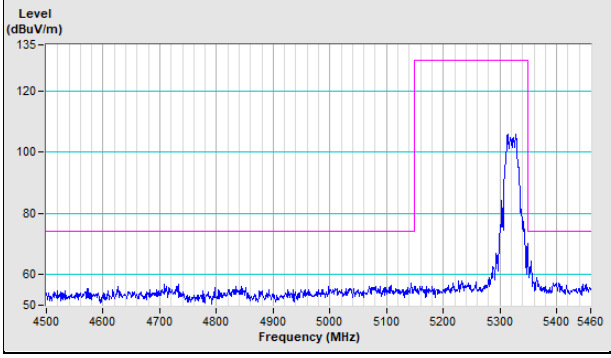
Horizontal (Peak)



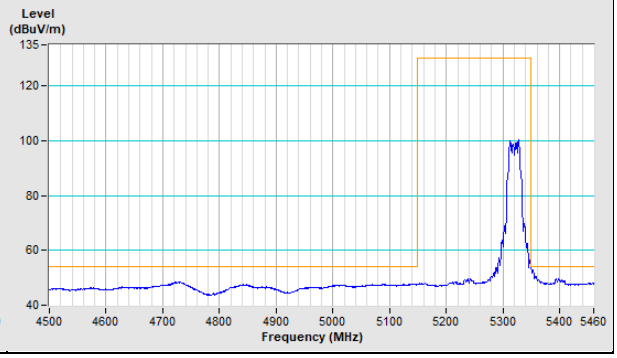
Horizontal (Average)



Vertical (Peak)

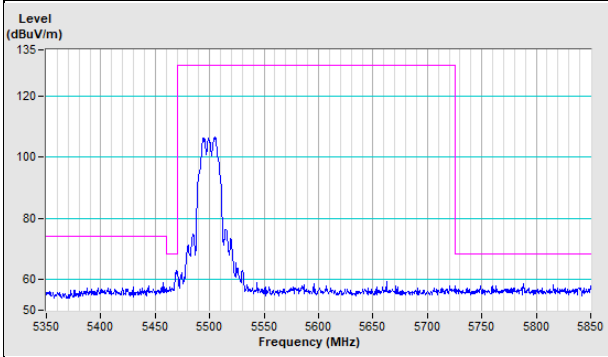


Vertical (Average)

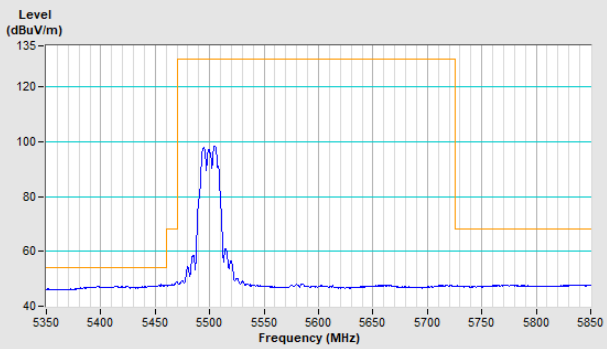


802.11a Channel 100

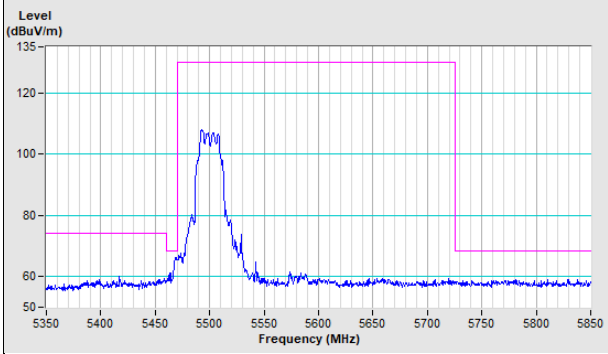
Horizontal (Peak)



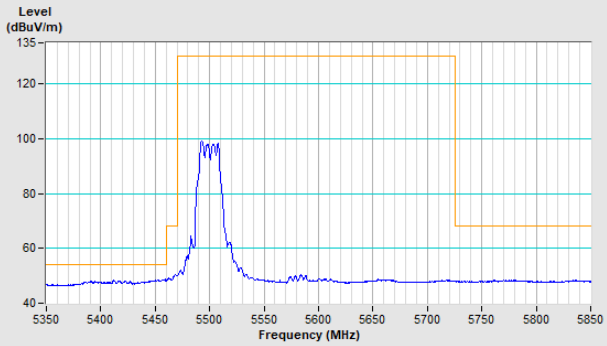
Horizontal (Average)



Vertical (Peak)

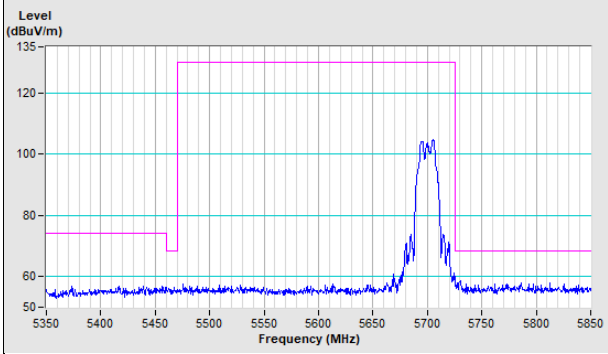


Vertical (Average)

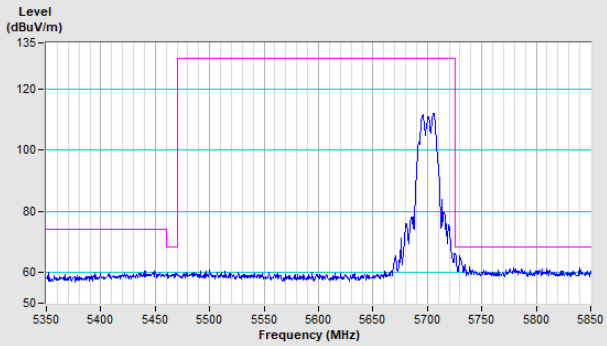


802.11a Channel 140

Horizontal (Peak)

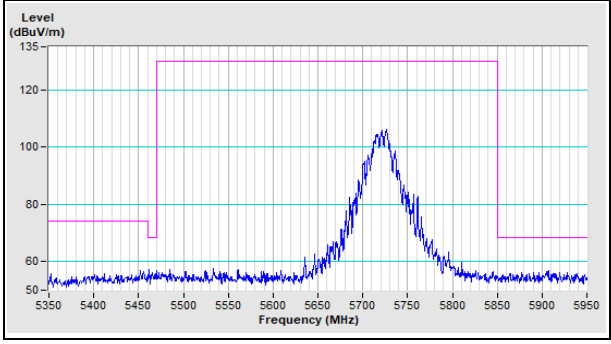


Vertical (Peak)

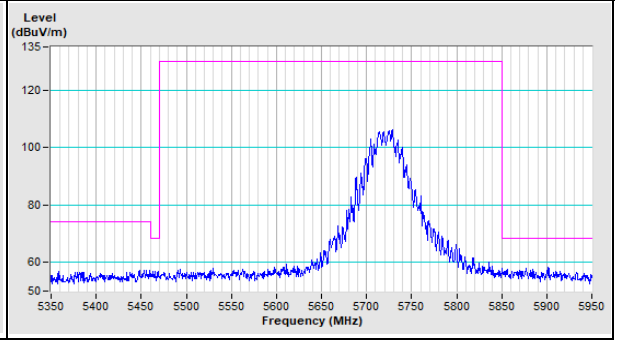


802.11a Channel 144

Horizontal (Peak)

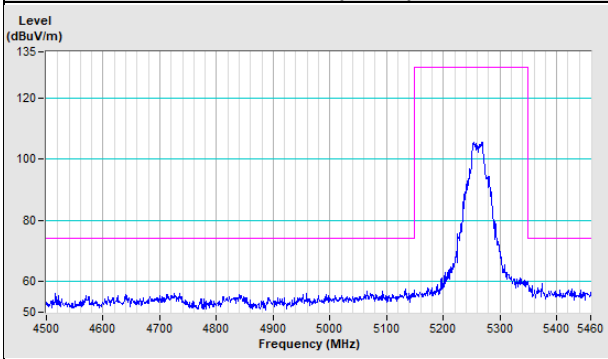


Vertical (Peak)

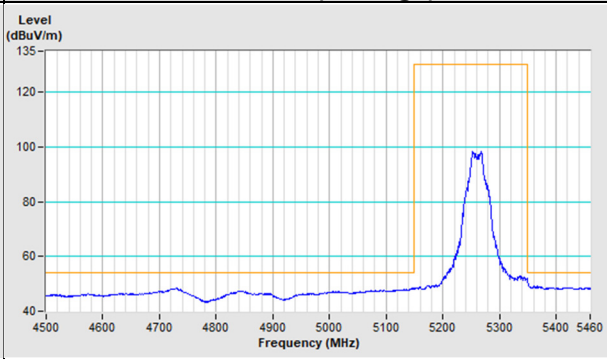


802.11ax (HE20) Channel 52

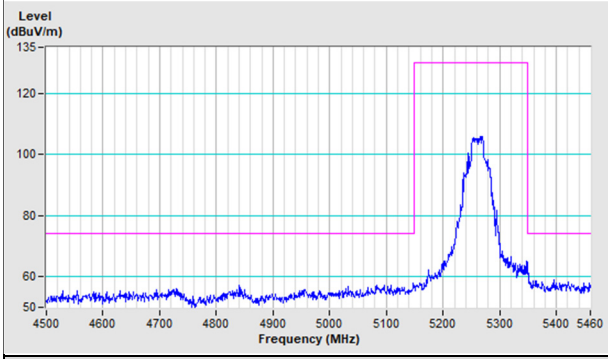
Horizontal (Peak)



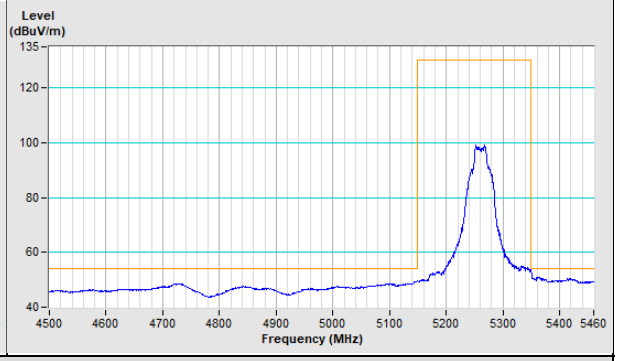
Horizontal (Average)



Vertical (Peak)

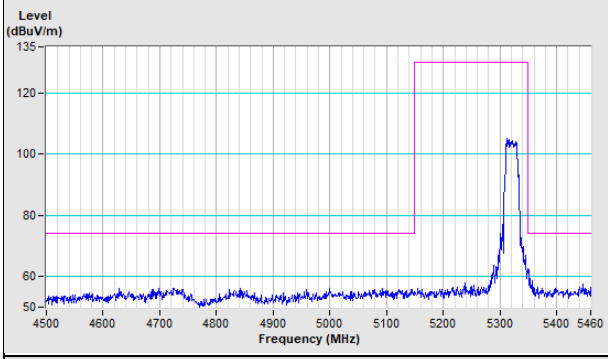


Vertical (Average)

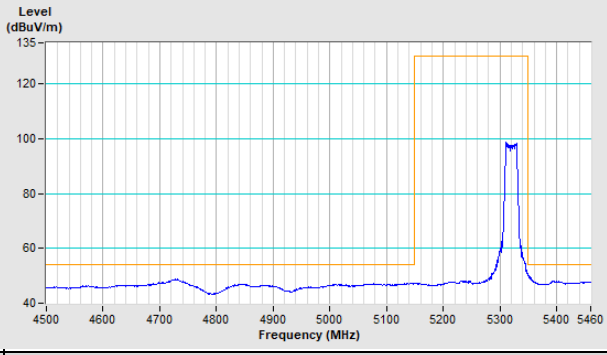


802.11ax (HE20) Channel 64

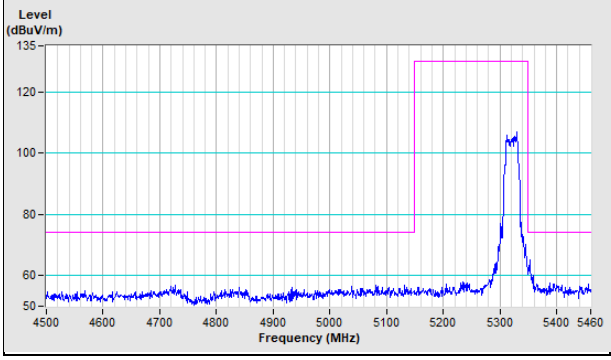
Horizontal (Peak)



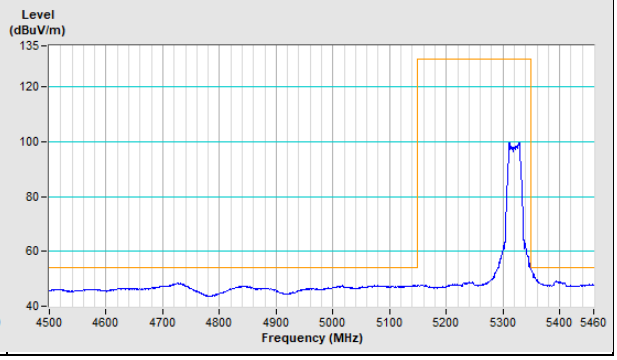
Horizontal (Average)



Vertical (Peak)

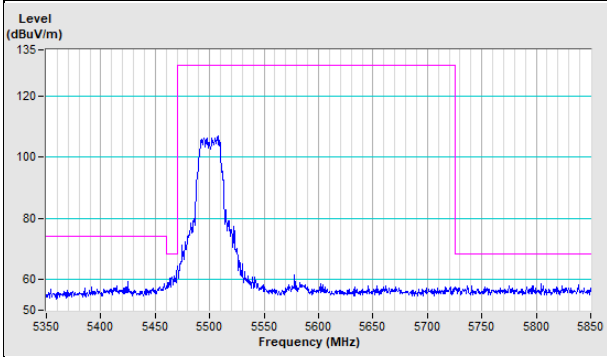


Vertical (Average)

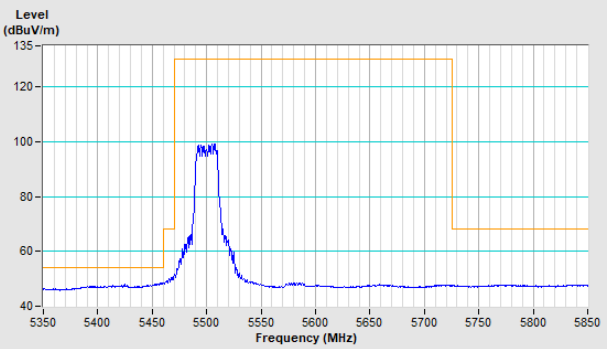


802.11ax (HE20) Channel 100

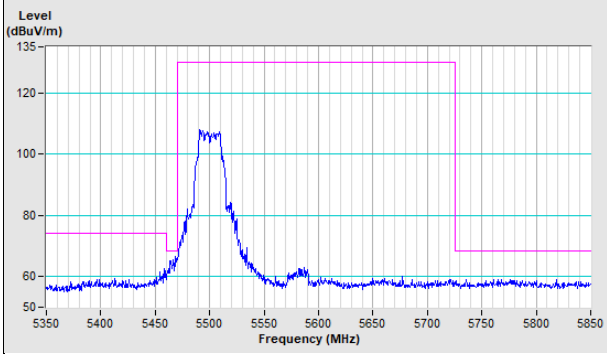
Horizontal (Peak)



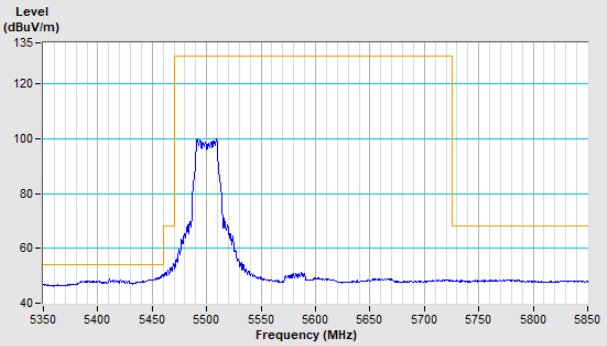
Horizontal (Average)



Vertical (Peak)

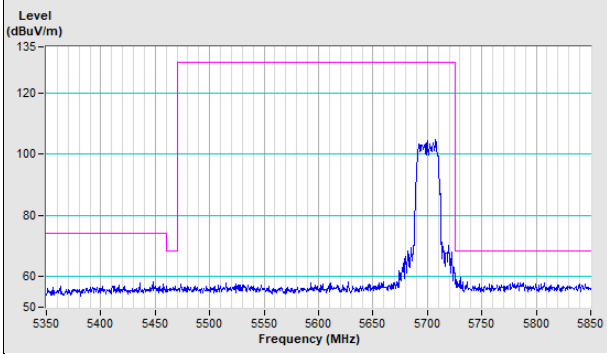


Vertical (Average)

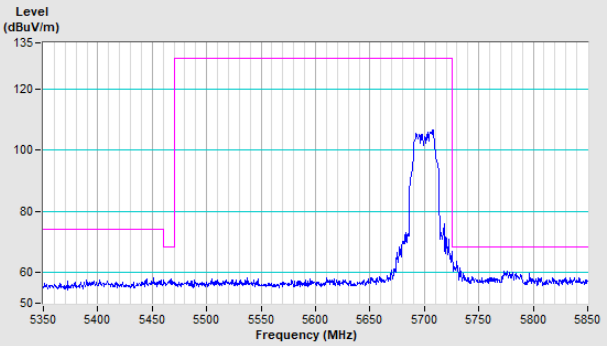


802.11ax (HE20) Channel 140

Horizontal (Peak)

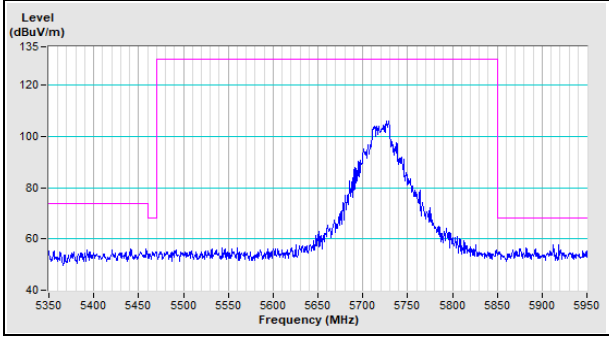


Vertical (Peak)

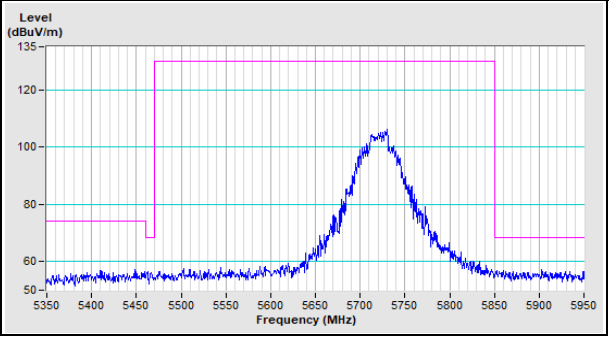


802.11ax (HE20) Channel 144

Horizontal (Peak)

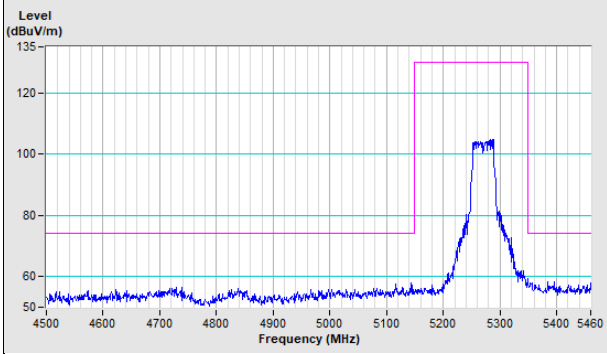


Vertical (Peak)

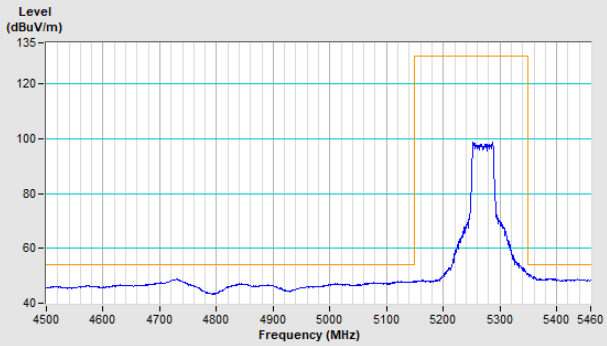


802.11ax (HE40) Channel 54

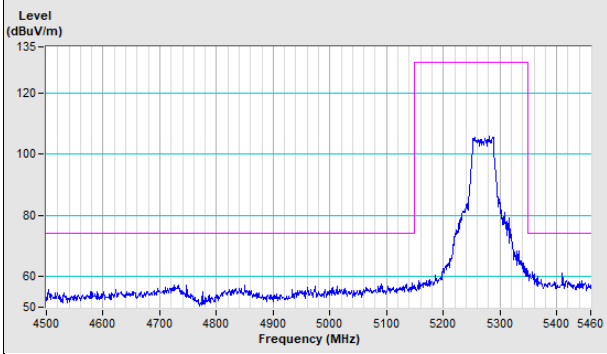
Horizontal (Peak)



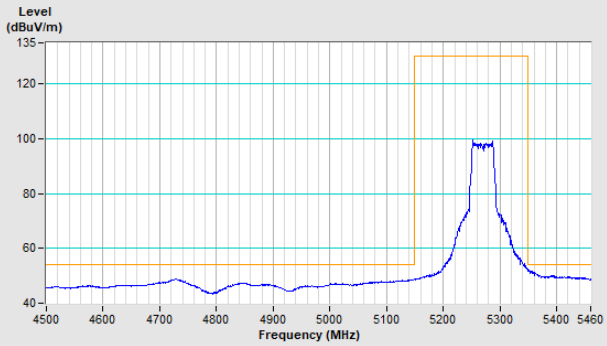
Horizontal (Average)



Vertical (Peak)

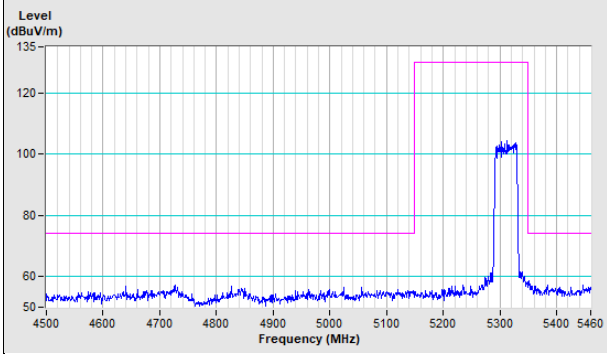


Vertical (Average)

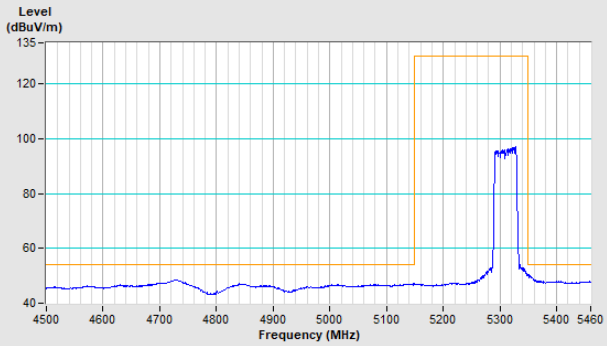


802.11ax (HE40) Channel 62

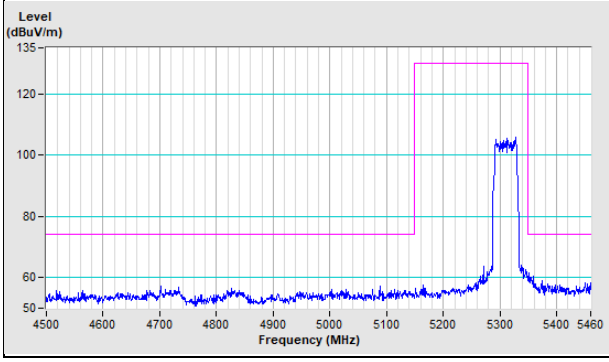
Horizontal (Peak)



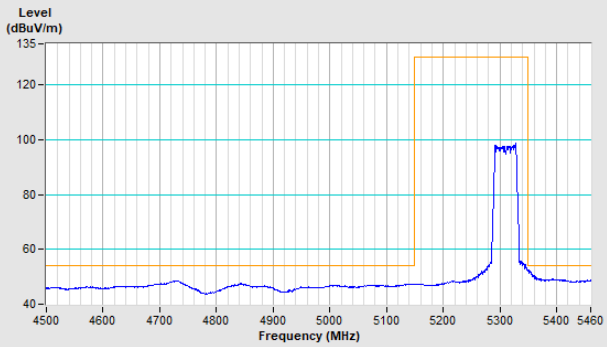
Horizontal (Average)



Vertical (Peak)

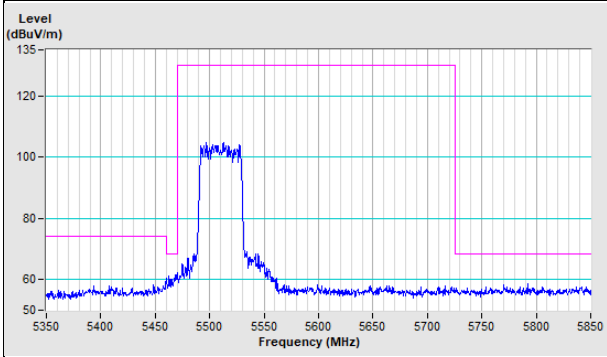


Vertical (Average)

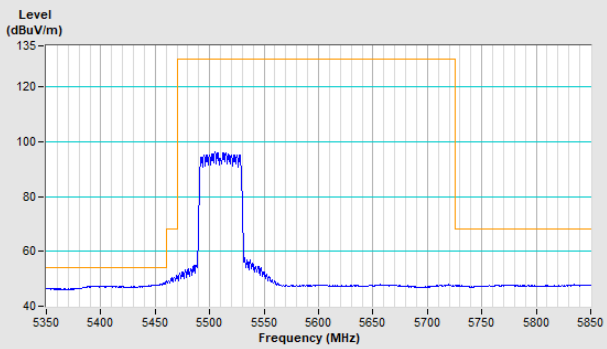


802.11ax (HE40) Channel 102

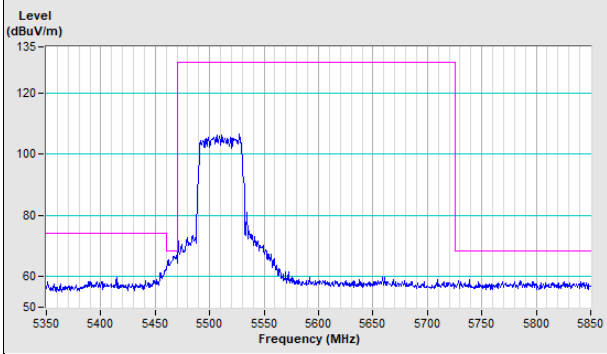
Horizontal (Peak)



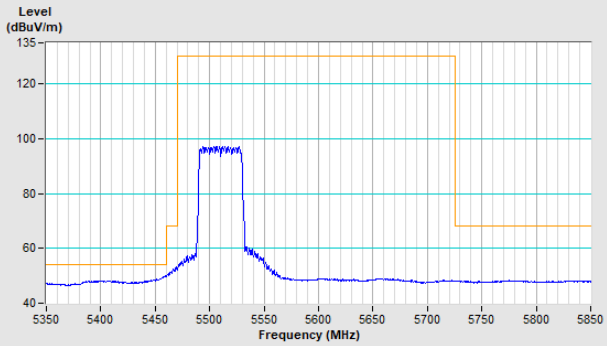
Horizontal (Average)



Vertical (Peak)

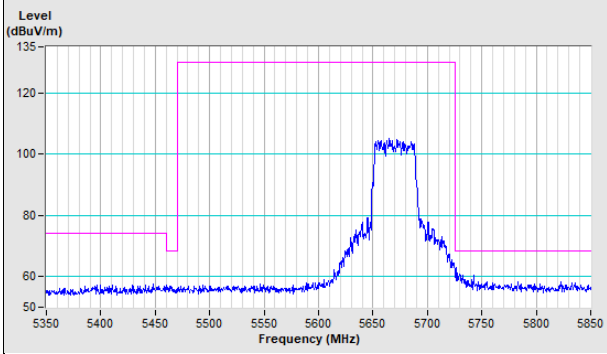


Vertical (Average)

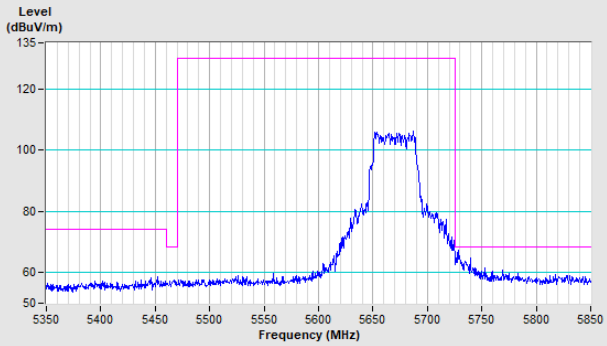


802.11ax (HE40) Channel 134

Horizontal (Peak)

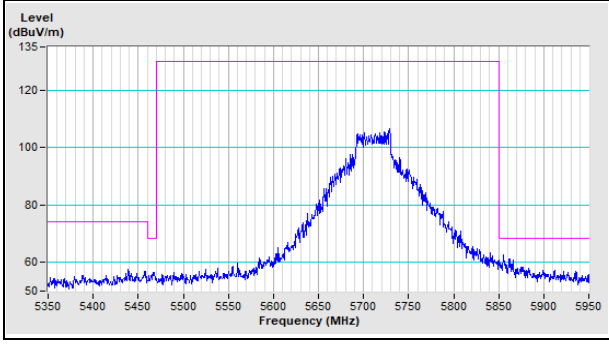


Vertical (Peak)

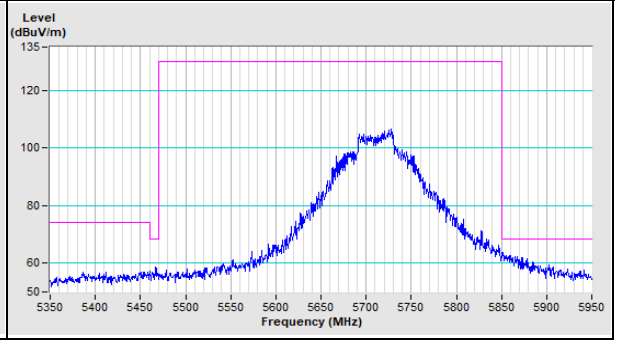


802.11ax (HE40) Channel 142

Horizontal (Peak)

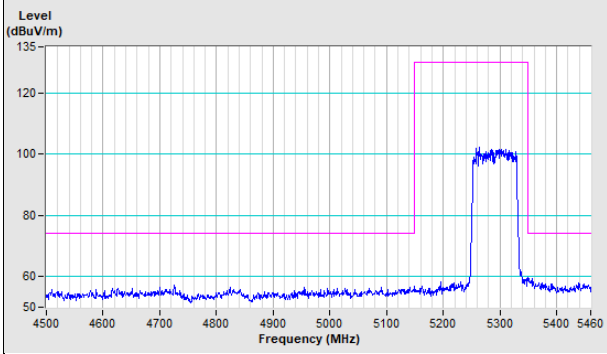


Vertical (Peak)

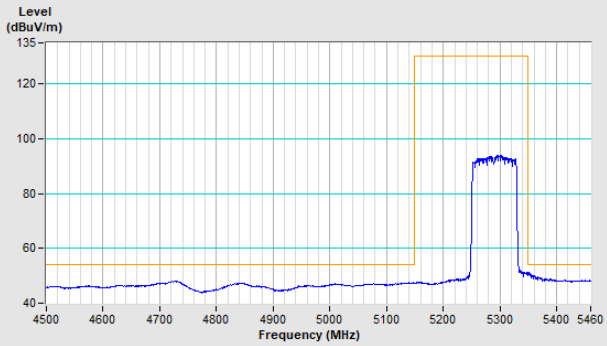


802.11ax (HE80) Channel 58

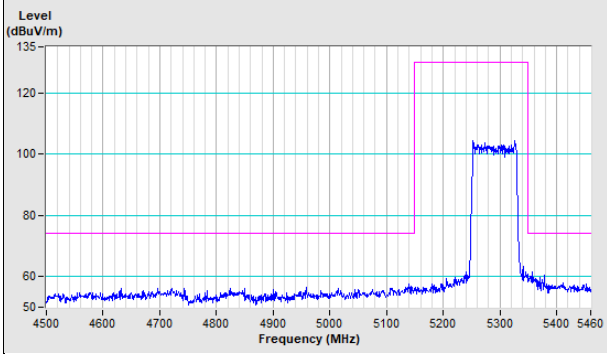
Horizontal (Peak)



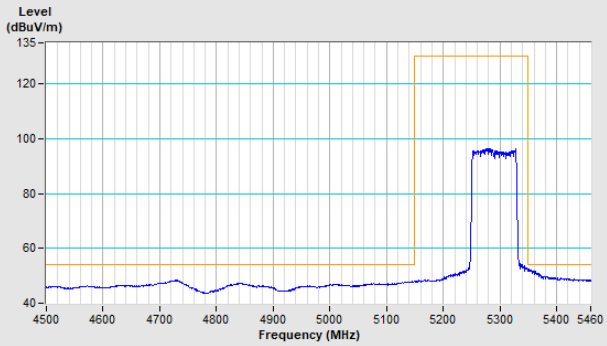
Horizontal (Average)



Vertical (Peak)

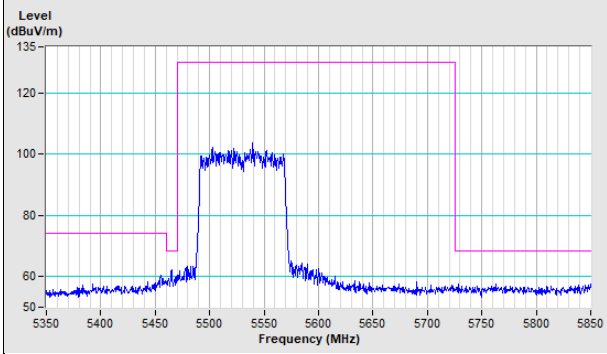


Vertical (Average)

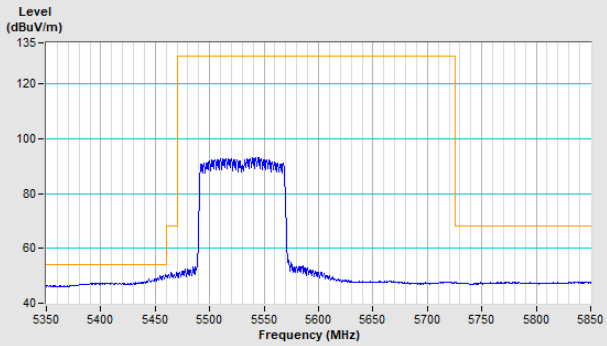


802.11ax (HE80) Channel 106

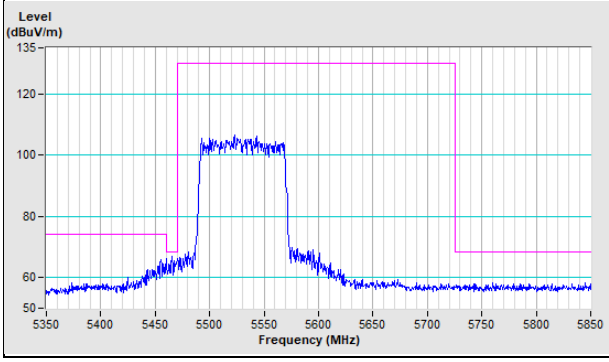
Horizontal (Peak)



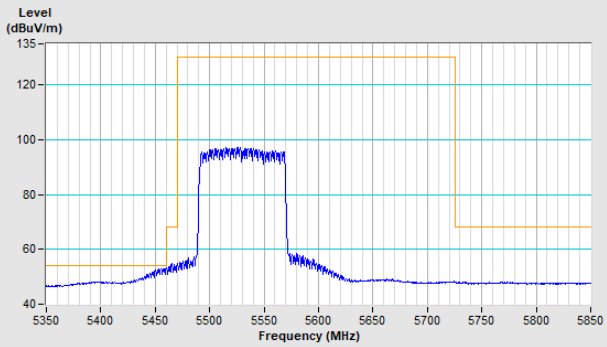
Horizontal (Average)

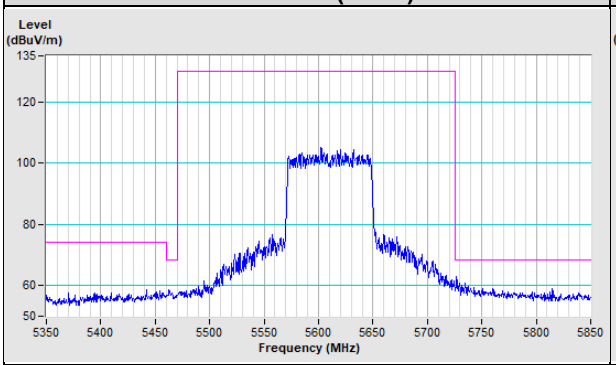
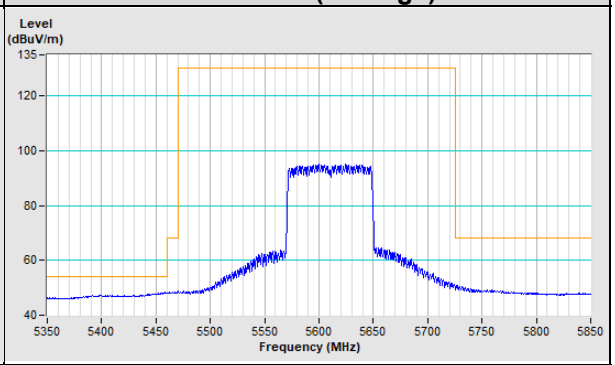
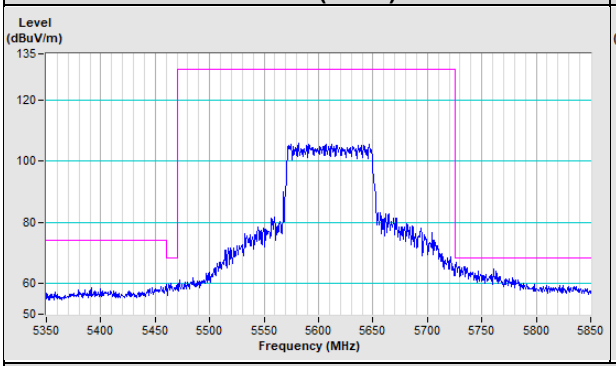
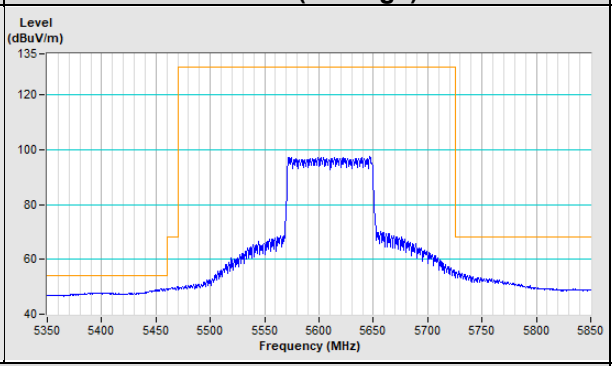
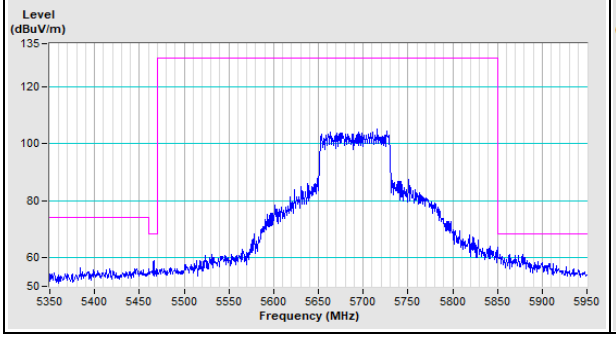
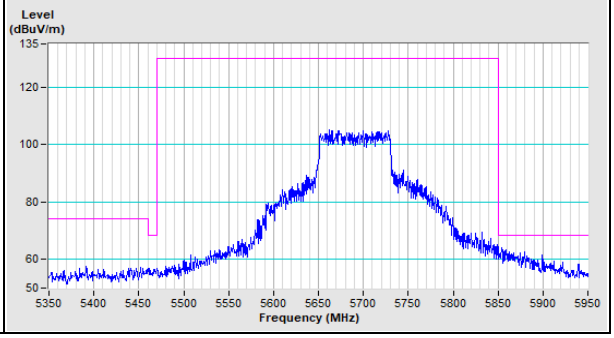


Vertical (Peak)



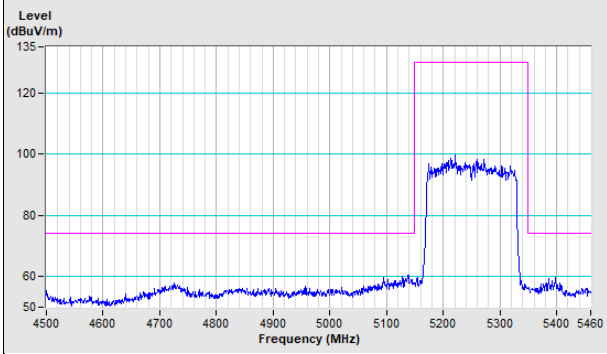
Vertical (Average)



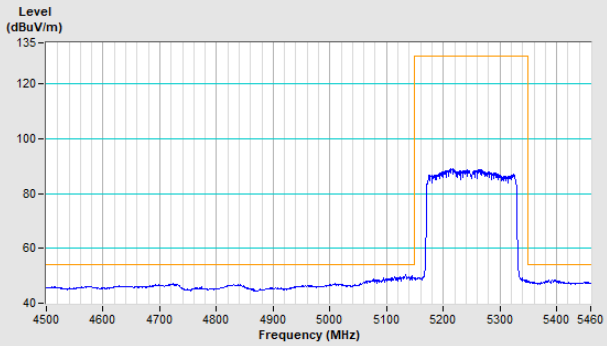
802.11ax (HE80) Channel 122	
Horizontal (Peak)	Horizontal (Average)
	
Vertical (Peak)	Vertical (Average)
	
802.11ax (HE80) Channel 138	
Horizontal (Peak)	Vertical (Peak)
	

802.11ax (HE160) Channel 50

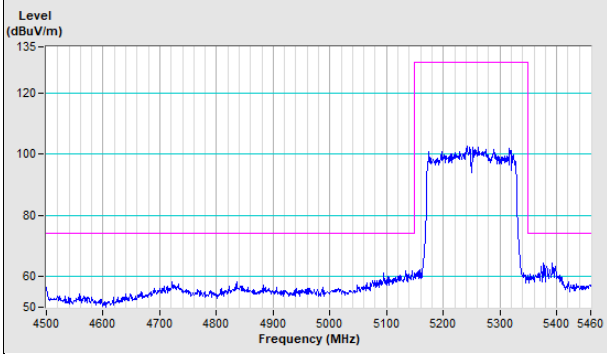
Horizontal (Peak)



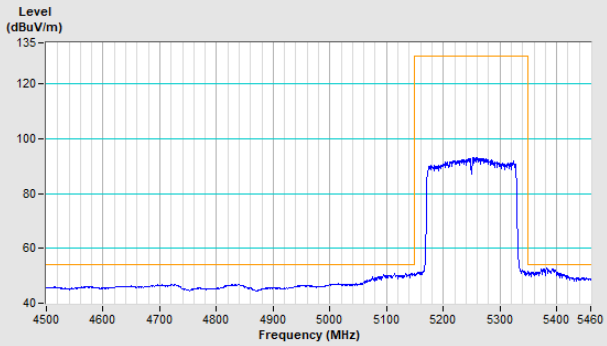
Horizontal (Average)



Vertical (Peak)

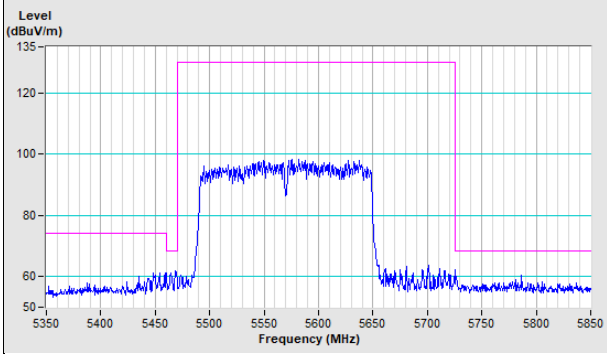


Vertical (Average)

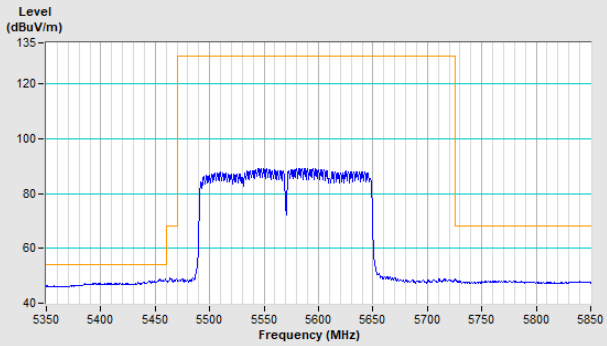


802.11ax (HE160) Channel 114

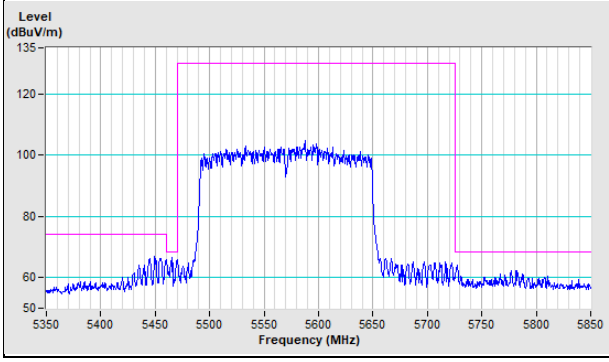
Horizontal (Peak)



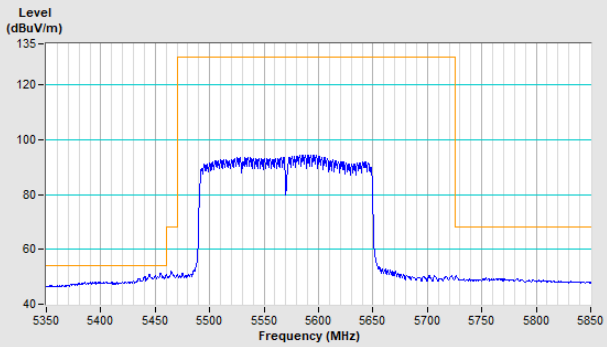
Horizontal (Average)



Vertical (Peak)



Vertical (Average)



8 Pictures of Test Arrangements

Please refer to the attached file (Test Setup Photo)

9 Information of the Testing Laboratories

We, Bureau Veritas Consumer Products Services (H.K.) Ltd., Taoyuan Branch, were founded in 1988 to provide our best service in EMC, Radio, Telecom and Safety consultation. Our laboratories are FCC recognized accredited test firms and accredited according to ISO/IEC 17025.

If you have any comments, please feel free to contact us at the following:

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The address and road map of all our labs can be found in our web site also.

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