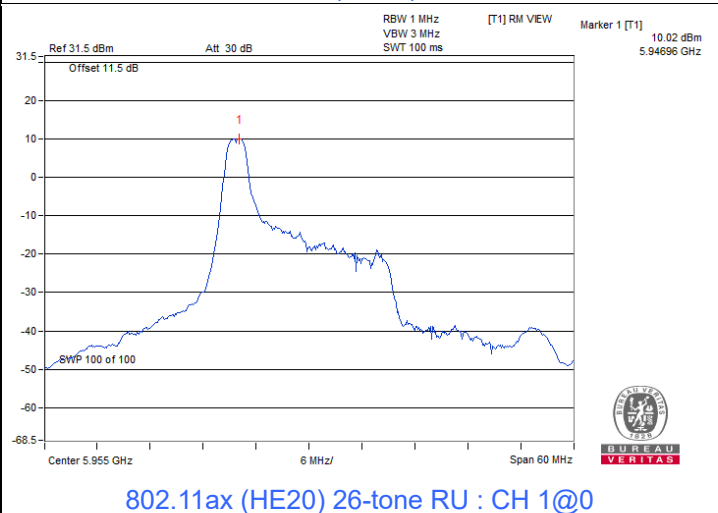
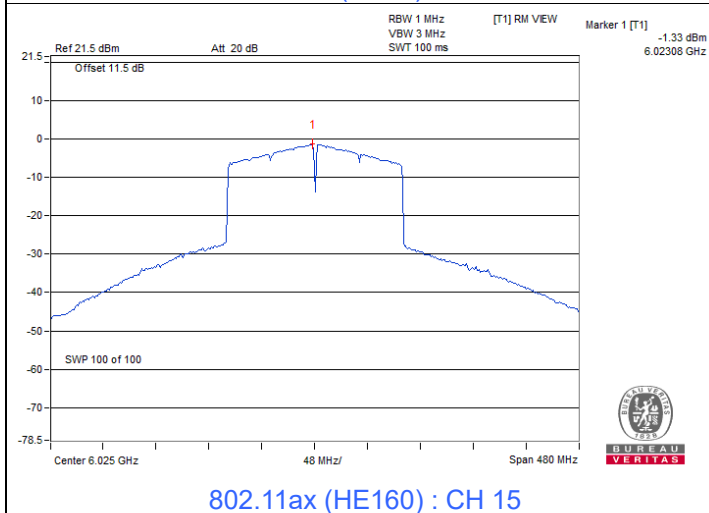
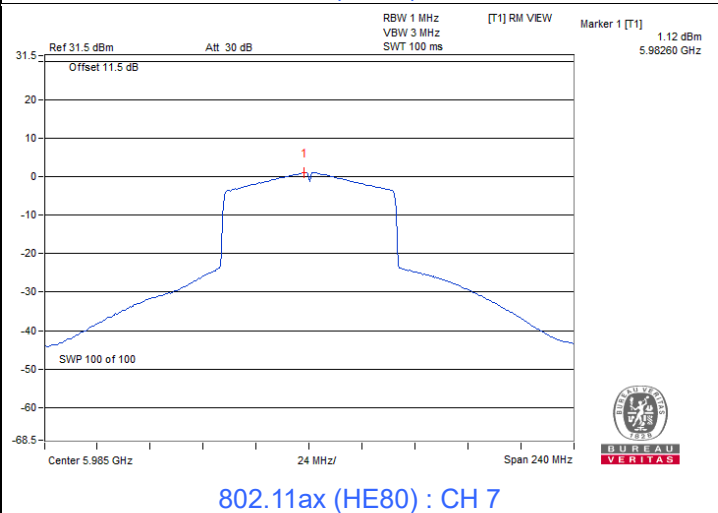
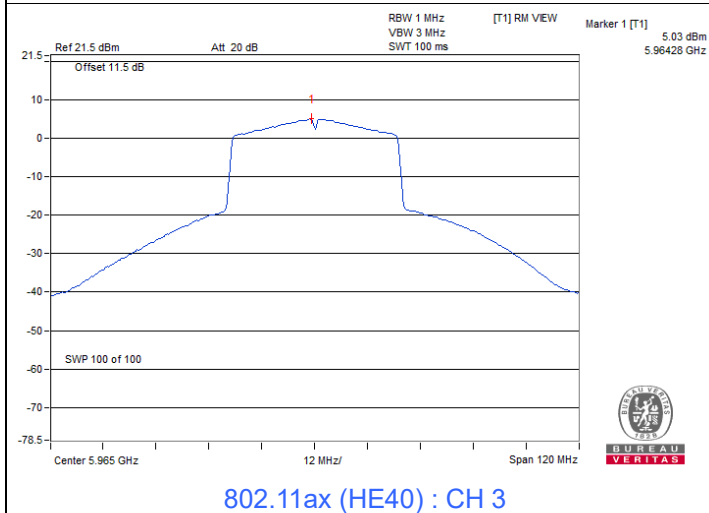
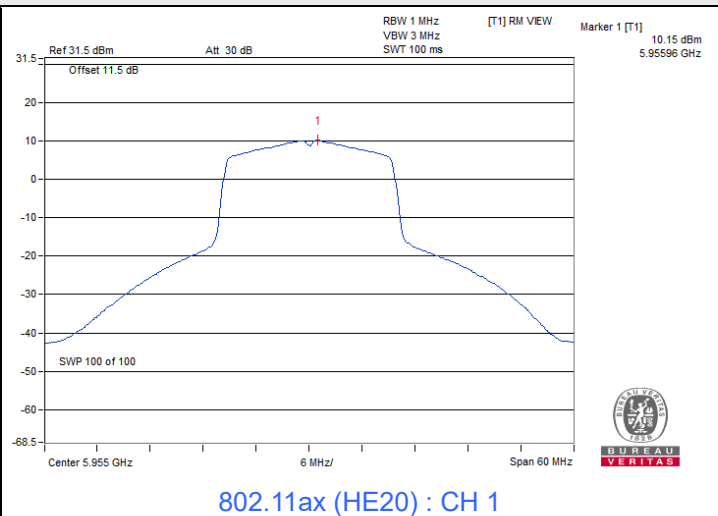
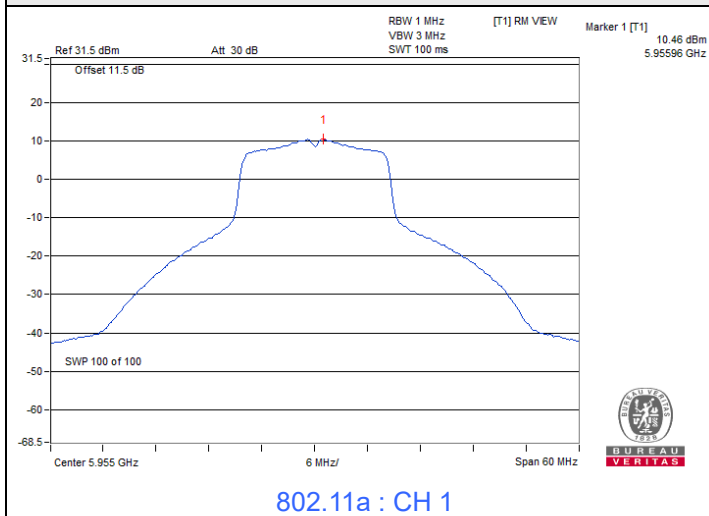
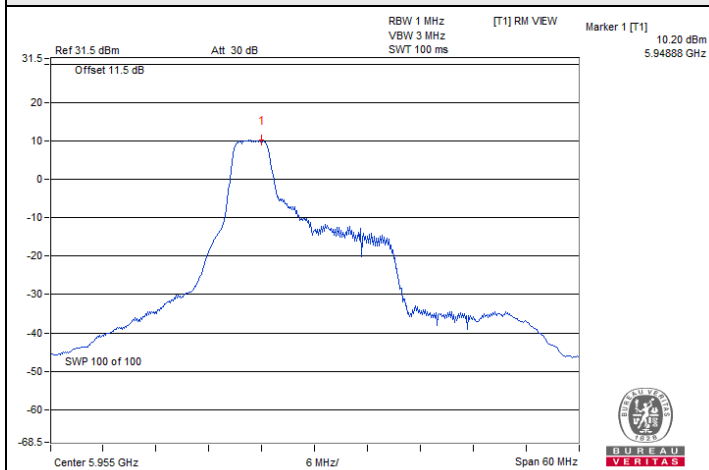


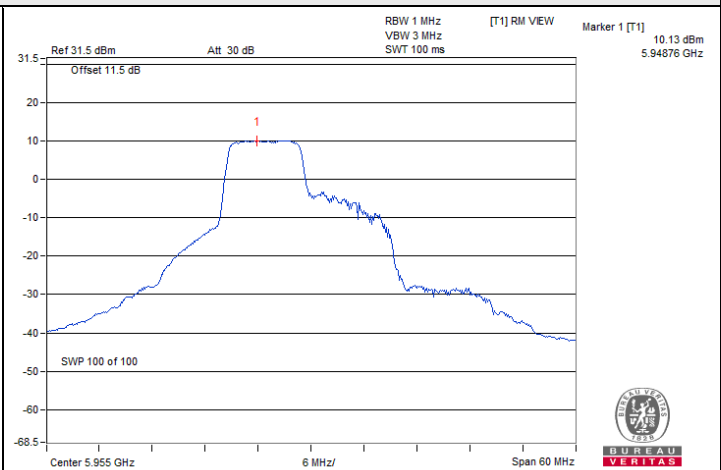
Spectrum Plot of Maximum Value



Spectrum Plot of Maximum Value



802.11ax (HE20) 52-tone RU : CH 1@37



802.11ax (HE20) 106-tone RU : CH 1@53

1 TX only version A

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	10.59	4.76	15.35	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	10.26	4.76	15.02	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
3	5965	5.02	0.16	5.18	4.76	9.94	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
7	5985	1.25	0.11	1.36	4.76	6.12	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
15	6025	-1.25	0.2	-1.05	4.76	3.71	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 26-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	10.08	1.24	11.32	4.76	16.08	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 52-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	10.21	1.31	11.52	4.76	16.28	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

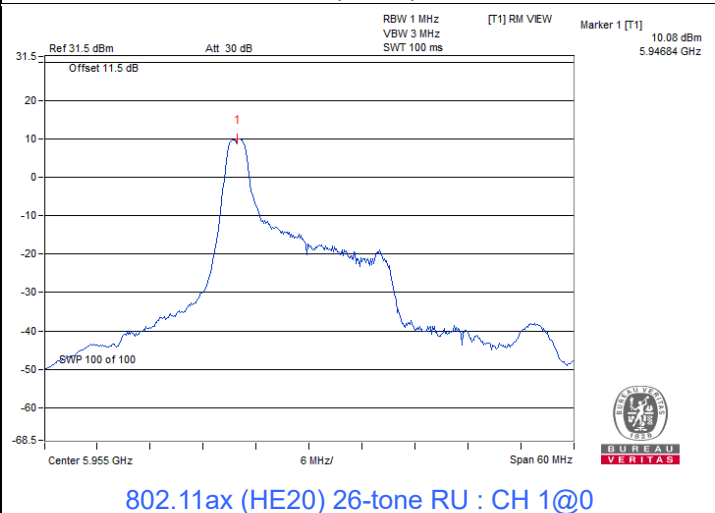
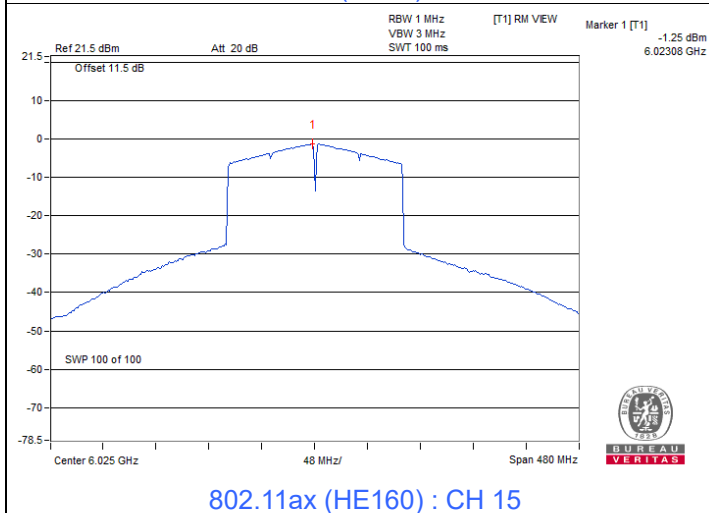
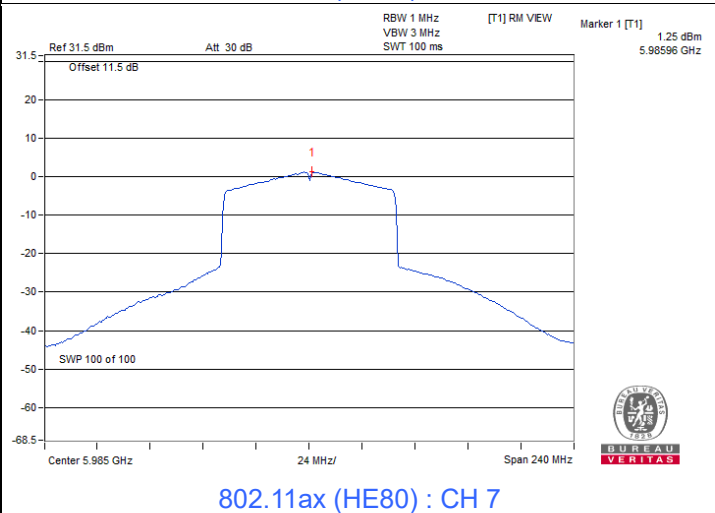
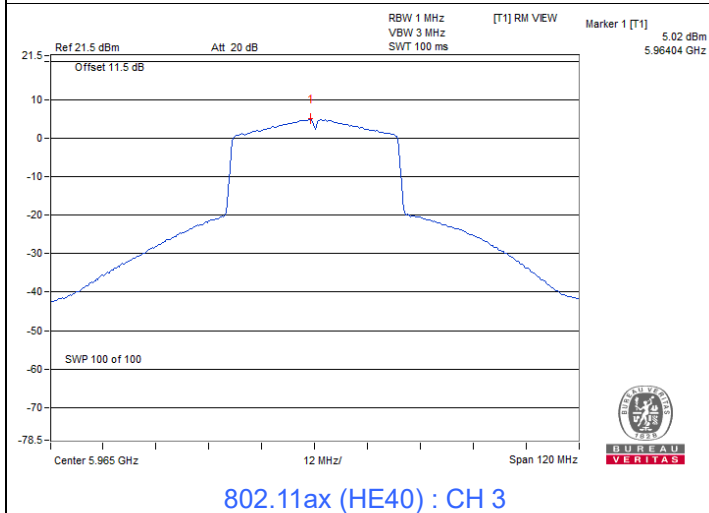
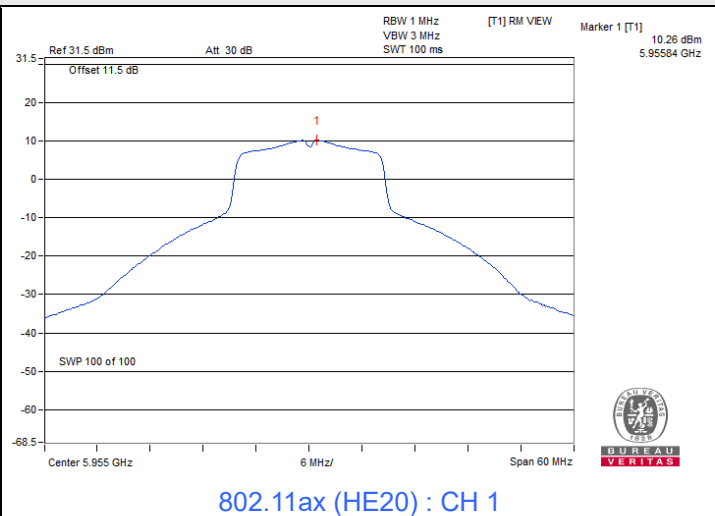
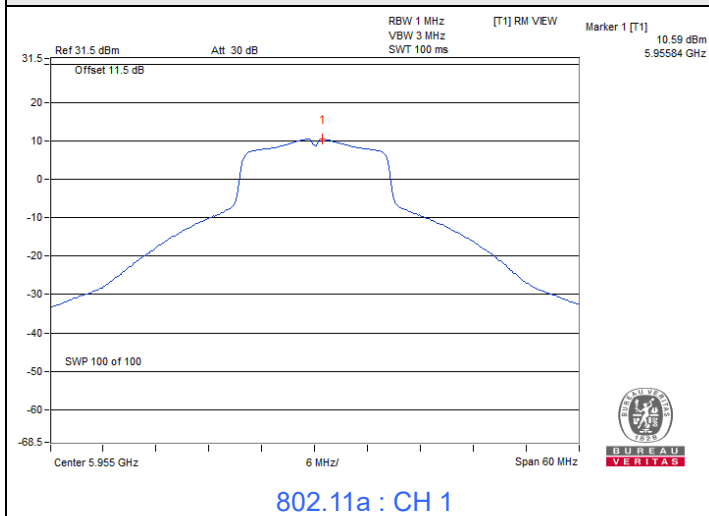
802.11ax (HE20) 106-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	10.12	1.48	11.60	4.76	16.36	17	Pass

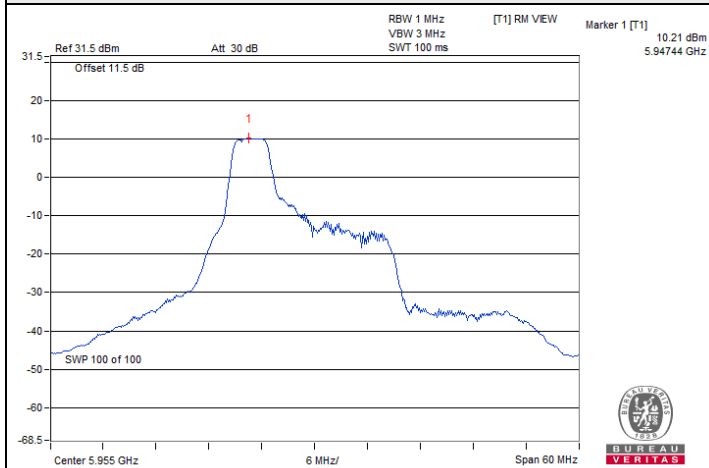
Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

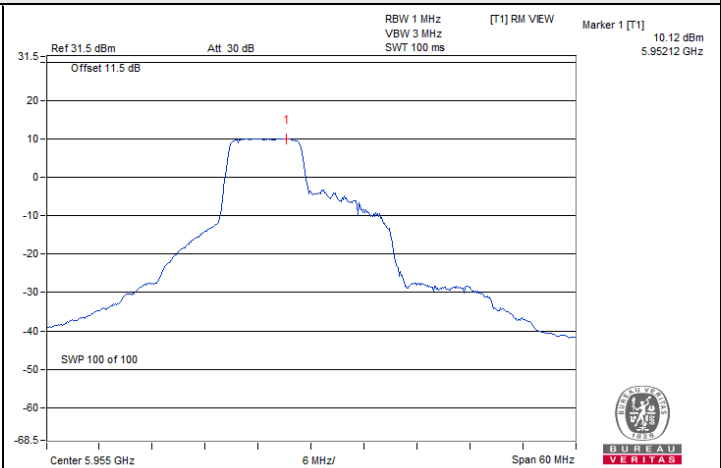
Spectrum Plot of Maximum Value



Spectrum Plot of Maximum Value



802.11ax (HE20) 52-tone RU : CH 1@37



802.11ax (HE20) 106-tone RU : CH 1@53

1 TX only version B

802.11a

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	10.26	4.76	15.02	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20)

Chan.	Chan. Freq. (MHz)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	4.67	4.76	9.43	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE40)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
3	5965	4.77	0.11	4.88	4.76	9.64	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE80)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
7	5985	0.91	0.16	1.07	4.76	5.83	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE160)

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
15	6025	-1.62	0.23	-1.39	4.76	3.37	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 26-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	10.04	1.21	11.25	4.76	16.01	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

802.11ax (HE20) 52-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	10.18	1.35	11.53	4.76	16.29	17	Pass

Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

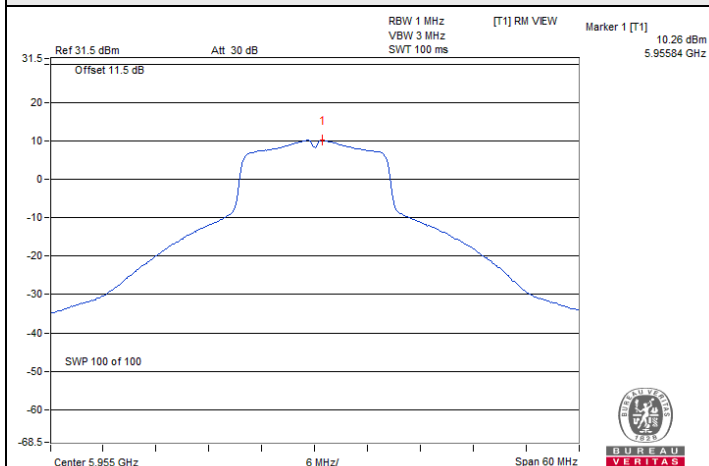
802.11ax (HE20) 106-tone RU

Chan.	Chan. Freq. (MHz)	PSD w/o Duty Factor (dBm/MHz)	Duty Factor (dB)	PSD (dBm/MHz)	Antenna Gain (dBi)	EIRP PSD (dBm/MHz)	EIRP PSD Limit (dBm/MHz)	Test Result
1	5955	10.06	1.48	11.54	4.76	16.3	17	Pass

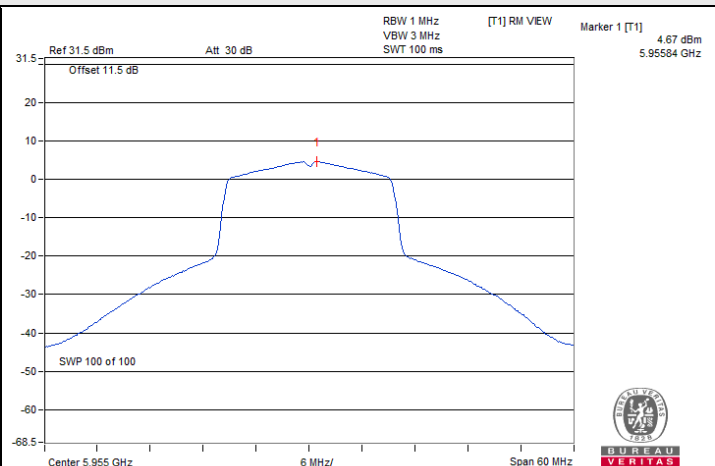
Notes:

1. For U-NII-5, The antenna gain is 4.76 dBi
2. For U-NII-7, The antenna gain is 4.61 dBi

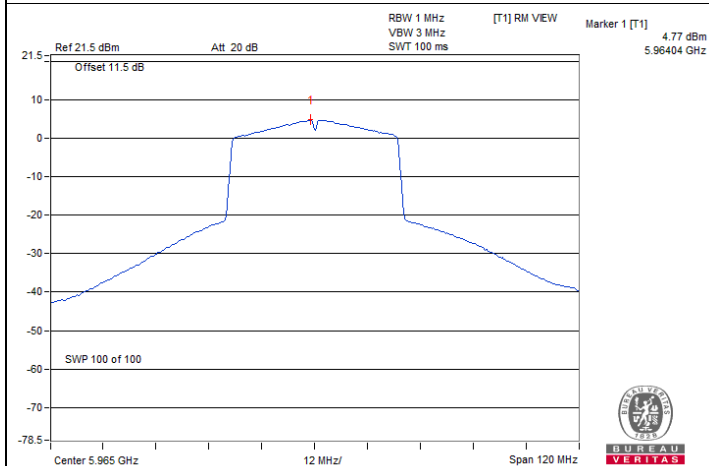
Spectrum Plot of Maximum Value



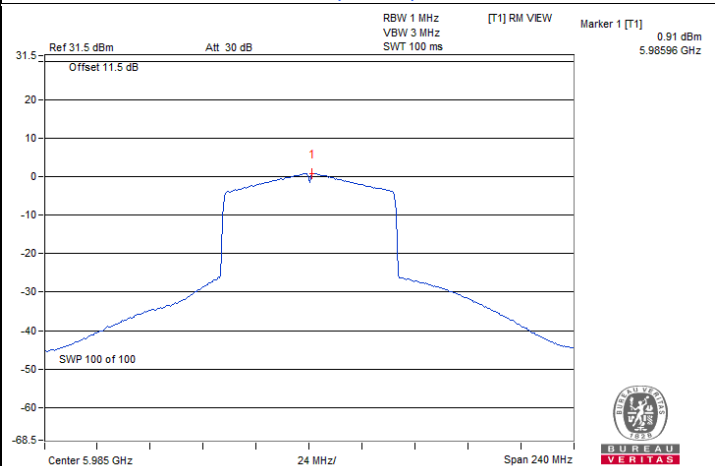
802.11a : CH 1



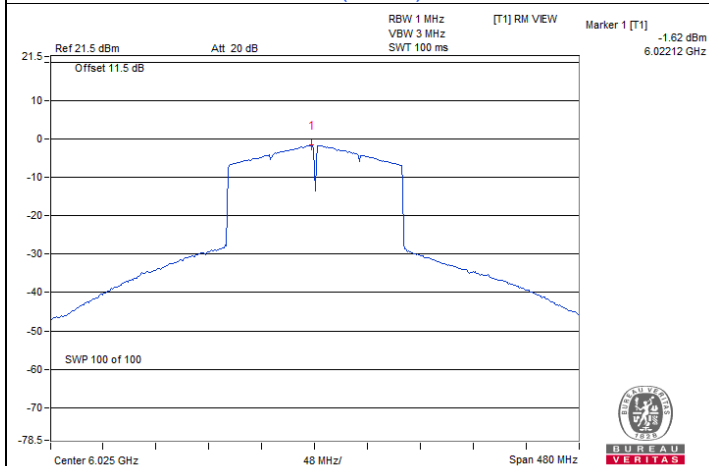
802.11ax (HE20) : CH 1



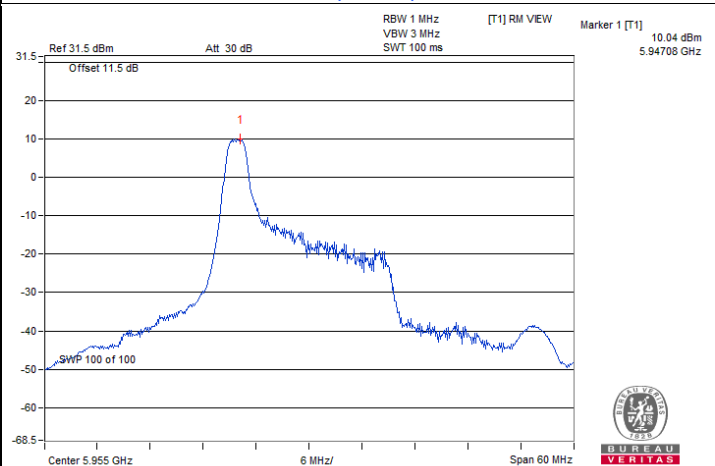
802.11ax (HE40) : CH 3



802.11ax (HE80) : CH 7

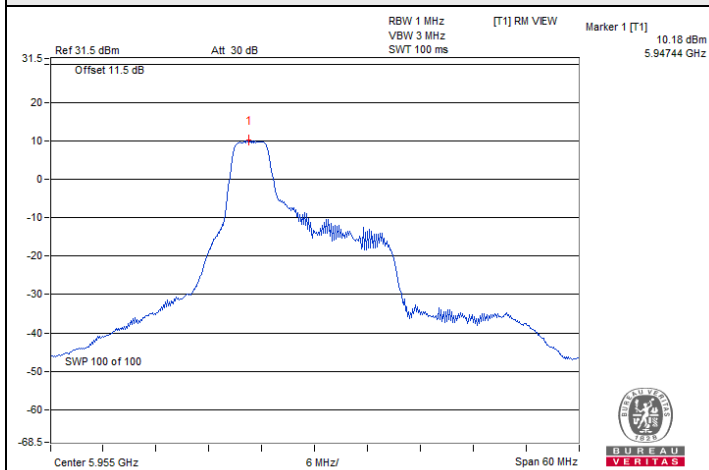


802.11ax (HE160) : CH 15

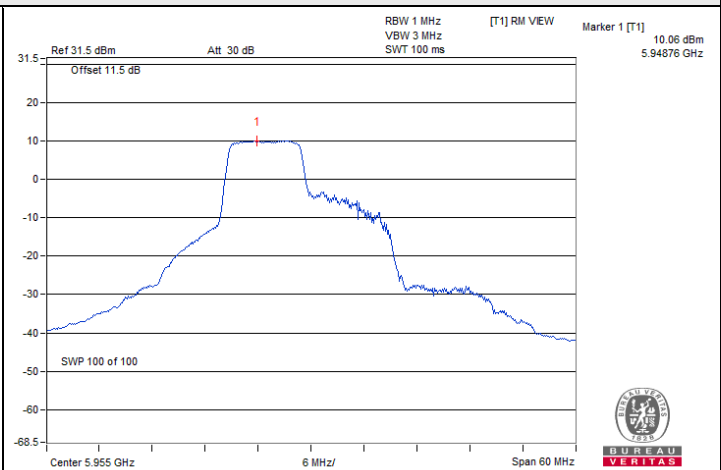


802.11ax (HE20) 26-tone RU : CH 1@0

Spectrum Plot of Maximum Value



802.11ax (HE20) 52-tone RU : CH 1@37



802.11ax (HE20) 106-tone RU : CH 1@53

9.3 AC Power Conducted Emissions

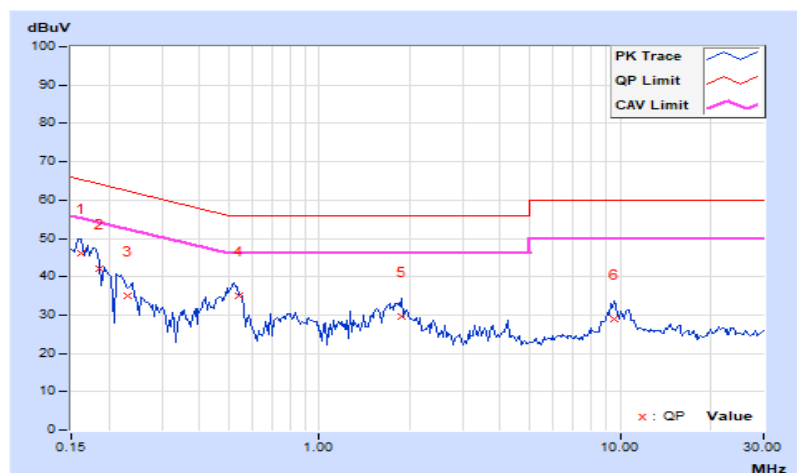
Diversity version B

RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 73% RH
Tested By	Sampson Chen		

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	0.16105	9.94	36.32	27.56	46.26	37.50	65.41	55.41	-19.15	-17.91
2	0.18715	9.94	31.98	21.42	41.92	31.36	64.16	54.16	-22.24	-22.80
3	0.23173	9.94	25.23	12.16	35.17	22.10	62.39	52.39	-27.22	-30.29
4	0.54313	9.96	25.09	16.43	35.05	26.39	56.00	46.00	-20.95	-19.61
5	1.89169	10.01	19.52	10.32	29.53	20.33	56.00	46.00	-26.47	-25.67
6	9.60150	10.44	18.42	12.23	28.86	22.67	60.00	50.00	-31.14	-27.33

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

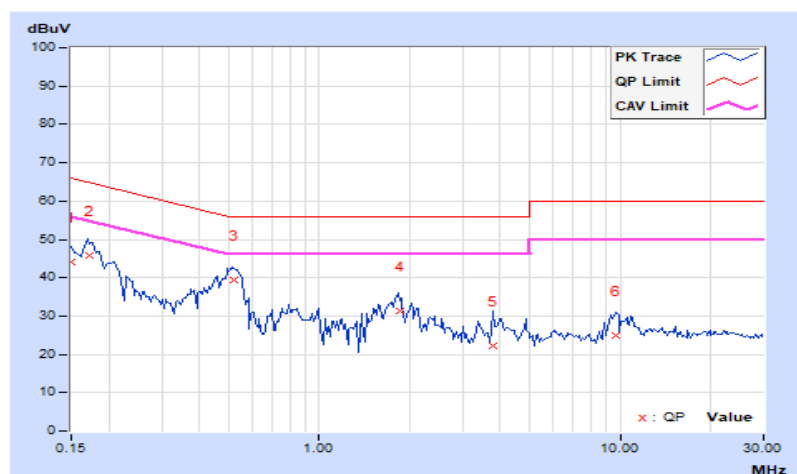


RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 73% RH
Tested By	Sampson Chen		

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	0.15010	9.99	34.02	20.73	44.01	30.72	65.99	55.99	-21.98	-25.27
2	0.17151	9.99	35.76	23.89	45.75	33.88	64.89	54.89	-19.14	-21.01
3	0.51960	10.01	29.54	16.33	39.55	26.34	56.00	46.00	-16.45	-19.66
4	1.85882	10.06	21.21	12.32	31.27	22.38	56.00	46.00	-24.73	-23.62
5	3.79520	10.17	12.06	3.92	22.23	14.09	56.00	46.00	-33.77	-31.91
6	9.71628	10.43	14.54	8.13	24.97	18.56	60.00	50.00	-35.03	-31.44

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



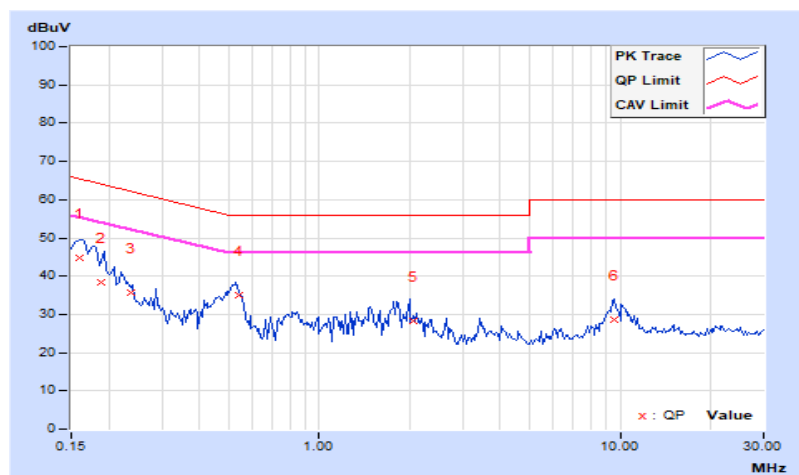
1 TX only version A

RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 73% RH
Tested By	Sampson Chen		

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	0.15914	9.94	34.89	26.33	44.83	36.27	65.51	55.51	-20.68	-19.24
2	0.18869	9.94	28.36	12.76	38.30	22.70	64.09	54.09	-25.79	-31.39
3	0.23570	9.94	25.72	12.34	35.66	22.28	62.25	52.25	-26.59	-29.97
4	0.54319	9.96	25.06	17.89	35.02	27.85	56.00	46.00	-20.98	-18.15
5	2.05905	10.01	18.16	9.14	28.17	19.15	56.00	46.00	-27.83	-26.85
6	9.58433	10.44	18.04	12.15	28.48	22.59	60.00	50.00	-31.52	-27.41

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

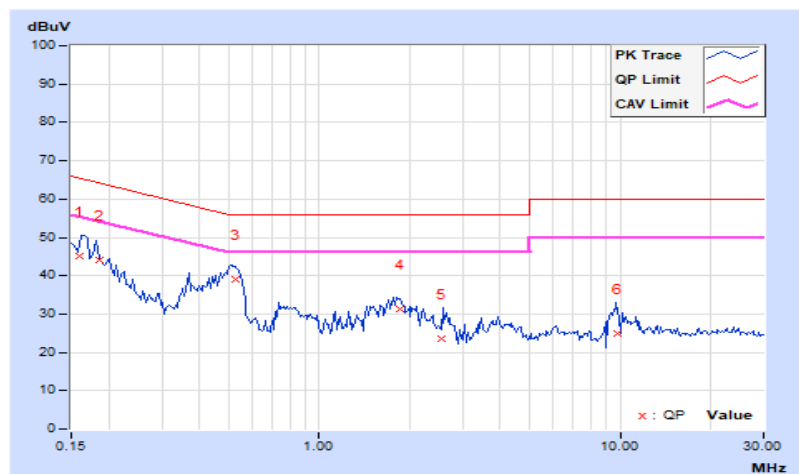


RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 73% RH
Tested By	Sampson Chen		

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	0.16052	9.99	35.21	25.13	45.20	35.12	65.44	55.44	-20.24	-20.32
2	0.18650	9.99	34.05	23.02	44.04	33.01	64.19	54.19	-20.15	-21.18
3	0.52629	10.01	29.10	15.76	39.11	25.77	56.00	46.00	-16.89	-20.23
4	1.85571	10.06	21.28	12.81	31.34	22.87	56.00	46.00	-24.66	-23.13
5	2.53712	10.09	13.64	4.02	23.73	14.11	56.00	46.00	-32.27	-31.89
6	9.75470	10.43	14.55	8.29	24.98	18.72	60.00	50.00	-35.02	-31.28

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



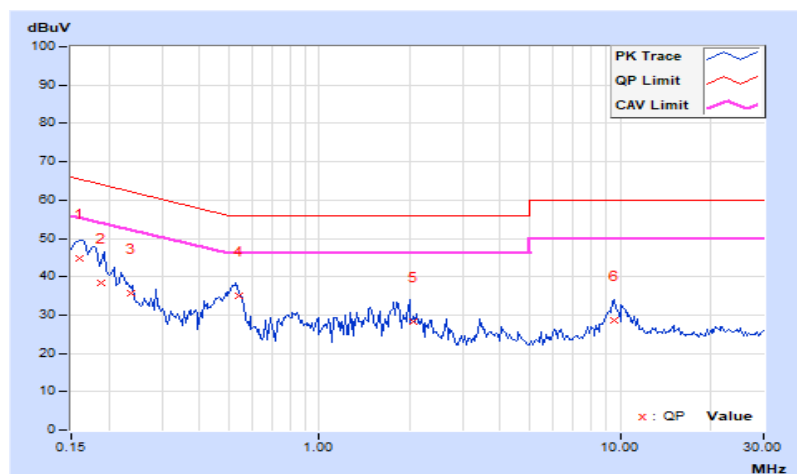
1 TX only version B

RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 73% RH
Tested By	Sampson Chen		

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	0.15914	9.94	34.82	26.32	44.76	36.26	65.51	55.51	-20.75	-19.25
2	0.18872	9.94	28.31	12.74	38.25	22.68	64.09	54.09	-25.84	-31.41
3	0.23570	9.94	25.74	12.34	35.68	22.28	62.25	52.25	-26.57	-29.97
4	0.54320	9.96	25.13	17.95	35.09	27.91	56.00	46.00	-20.91	-18.09
5	2.05906	10.01	18.21	9.14	28.22	19.15	56.00	46.00	-27.78	-26.85
6	9.58434	10.44	18.06	12.01	28.50	22.45	60.00	50.00	-31.50	-27.55

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

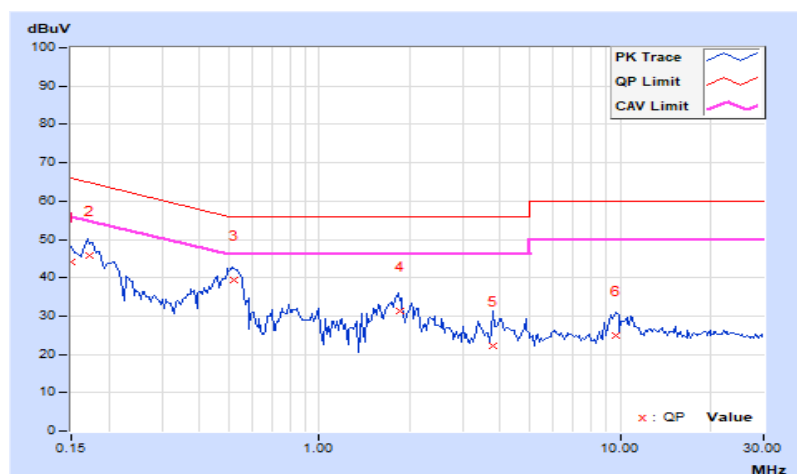


RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 73% RH
Tested By	Sampson Chen		

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	0.15010	9.99	34.01	20.65	44.00	30.64	65.99	55.99	-21.99	-25.35
2	0.17150	9.99	35.70	23.88	45.69	33.87	64.89	54.89	-19.20	-21.02
3	0.51961	10.01	29.53	16.31	39.54	26.32	56.00	46.00	-16.46	-19.68
4	1.85882	10.06	21.11	12.24	31.17	22.30	56.00	46.00	-24.83	-23.70
5	3.79521	10.17	12.02	3.76	22.19	13.93	56.00	46.00	-33.81	-32.07
6	9.71628	10.43	14.34	8.03	24.77	18.46	60.00	50.00	-35.23	-31.54

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



9.4 Unwanted Emissions below 1 GHz

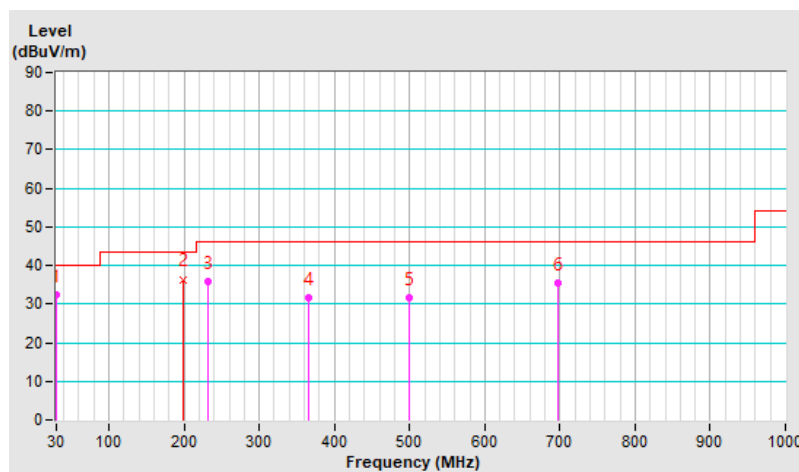
Diversity version B

RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 66% RH
Tested By	Louis Yang		

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	30.35	32.5 QP	40.0	-7.5	1.14 H	263	46.5	-14.0
2	199.05	36.4 QP	43.5	-7.1	1.00 H	243	52.7	-16.3
3	232.54	35.8 QP	46.0	-10.2	1.55 H	294	51.3	-15.5
4	365.52	31.8 QP	46.0	-14.2	1.15 H	241	42.6	-10.8
5	499.06	31.5 QP	46.0	-14.5	2.25 H	145	39.2	-7.7
6	697.30	35.6 QP	46.0	-10.4	1.25 H	305	39.6	-4.0

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

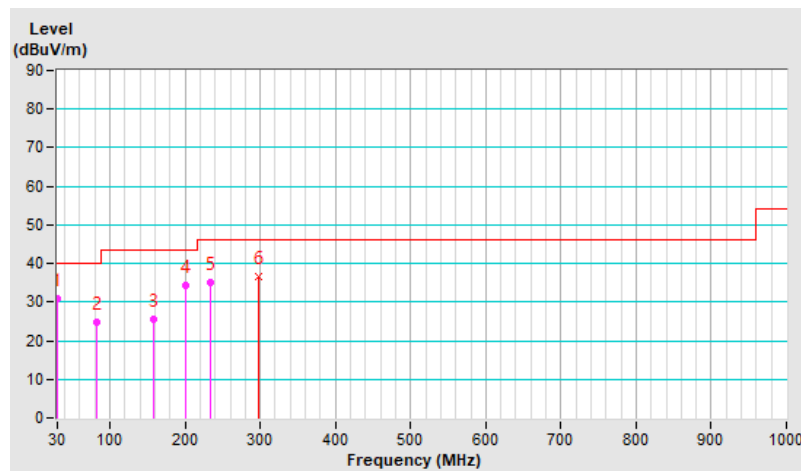


RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 66% RH
Tested By	Louis Yang		

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	30.60	30.7 QP	40.0	-9.3	1.14 V	239	44.8	-14.1
2	83.15	24.7 QP	40.0	-15.3	1.55 V	269	43.2	-18.5
3	157.96	25.6 QP	43.5	-17.9	1.00 V	241	38.7	-13.1
4	200.01	34.3 QP	43.5	-9.2	1.00 V	314	50.5	-16.2
5	234.60	35.0 QP	46.0	-11.0	1.55 V	264	50.2	-15.2
6	297.96	36.7 QP	46.0	-9.3	1.06 V	241	49.4	-12.7

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



Ver.A Only

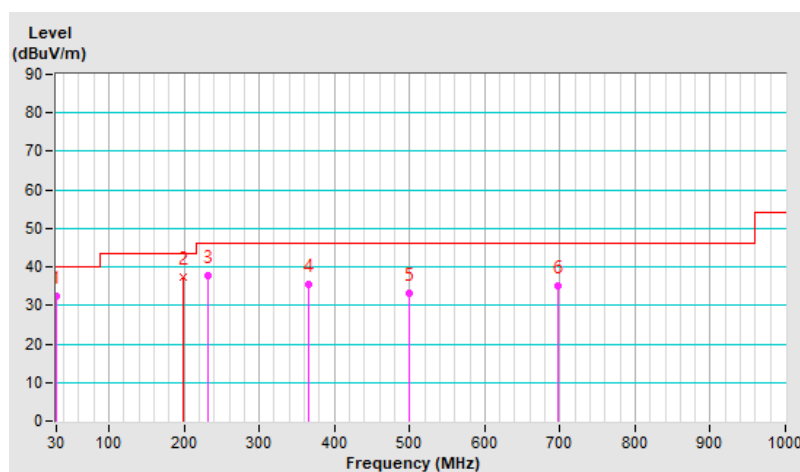
1 TX only version A

RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 66% RH
Tested By	Louis Yang		

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	30.34	32.3 QP	40.0	-7.7	1.00 H	215	46.3	-14.0
2	199.50	37.3 QP	43.5	-6.2	1.00 H	264	53.6	-16.3
3	232.35	37.8 QP	46.0	-8.2	1.55 H	267	53.3	-15.5
4	365.75	35.3 QP	46.0	-10.7	1.00 H	119	46.1	-10.8
5	498.95	33.2 QP	46.0	-12.8	1.50 H	148	40.9	-7.7
6	697.55	35.1 QP	46.0	-10.9	1.00 H	198	39.1	-4.0

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

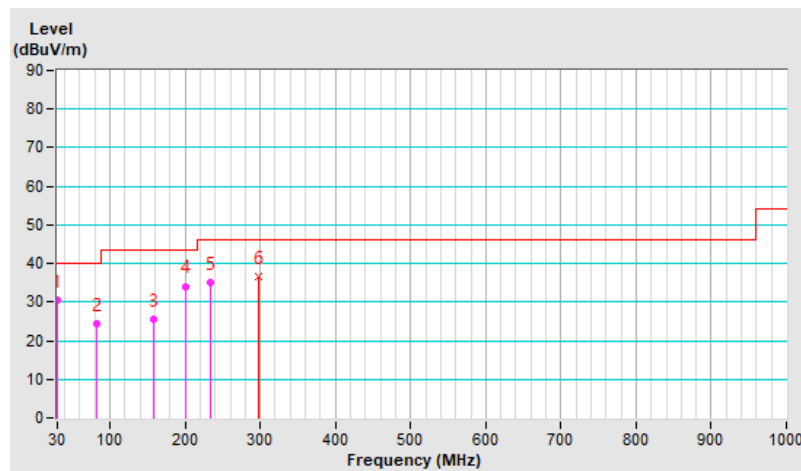


RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 66% RH
Tested By	Louis Yang		

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	30.62	30.6 QP	40.0	-9.4	1.00 V	244	44.7	-14.1
2	83.15	24.4 QP	40.0	-15.6	1.53 V	242	42.9	-18.5
3	157.95	25.4 QP	43.5	-18.1	1.00 V	264	38.5	-13.1
4	199.99	34.1 QP	43.5	-9.4	1.00 V	233	50.4	-16.3
5	234.59	34.9 QP	46.0	-11.1	1.00 V	252	50.1	-15.2
6	297.96	36.5 QP	46.0	-9.5	1.00 V	331	49.2	-12.7

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



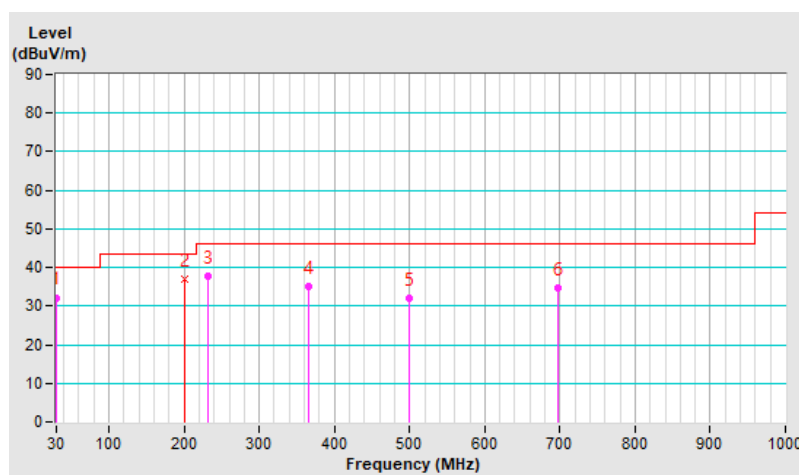
1 TX only version B

RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 66% RH
Tested By	Louis Yang		

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	30.35	32.2 QP	40.0	-7.8	1.25 H	304	46.2	-14.0
2	199.80	37.1 QP	43.5	-6.4	1.20 H	265	53.4	-16.3
3	232.38	37.6 QP	46.0	-8.4	1.50 H	143	53.1	-15.5
4	365.80	35.2 QP	46.0	-10.8	1.35 H	121	46.0	-10.8
5	498.95	32.1 QP	46.0	-13.9	1.55 H	234	39.8	-7.7
6	697.50	34.8 QP	46.0	-11.2	1.00 H	221	38.8	-4.0

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.

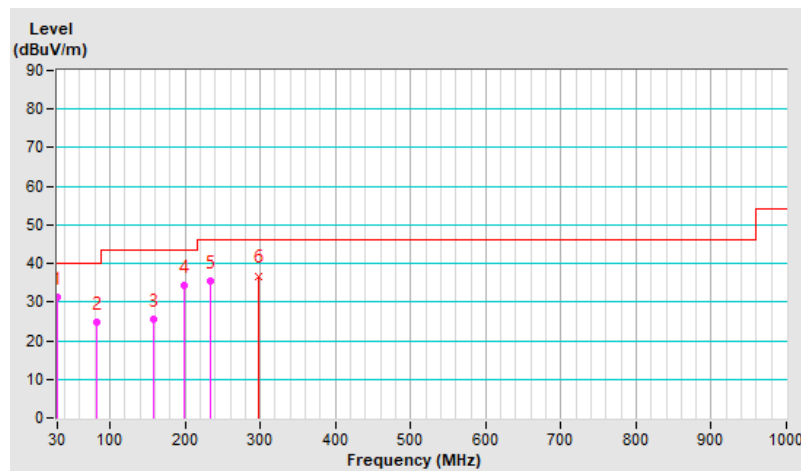


RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	25°C, 66% RH
Tested By	Louis Yang		

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	30.65	31.2 QP	40.0	-8.8	1.50 V	221	45.3	-14.1
2	83.15	24.7 QP	40.0	-15.3	1.00 V	236	43.2	-18.5
3	157.96	25.6 QP	43.5	-17.9	1.50 V	149	38.7	-13.1
4	199.00	34.3 QP	43.5	-9.2	1.00 V	265	50.7	-16.4
5	234.65	35.5 QP	46.0	-10.5	1.20 V	304	50.7	-15.2
6	297.96	36.8 QP	46.0	-9.2	1.00 V	221	49.5	-12.7

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 frequency range 9 kHz ~ 30 MHz: all emissions are more than 20 dB below the limit, therefore do not be recorded in this report.



9.5 Unwanted Emissions above 1 GHz

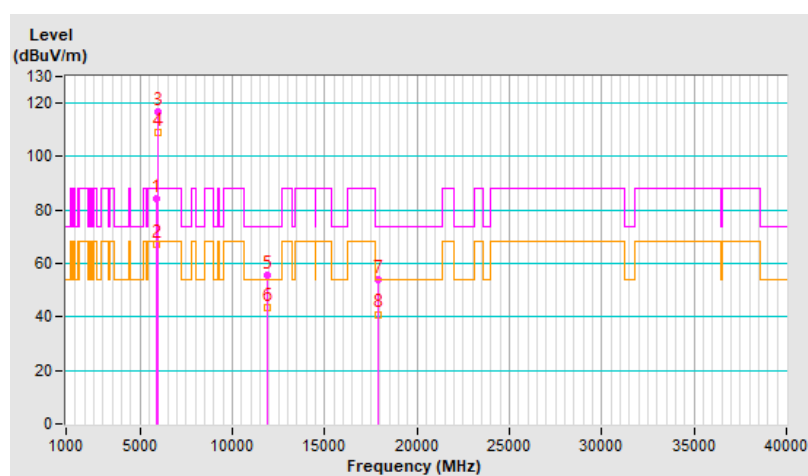
Diversity version B

RF Mode	802.11a	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=200 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	84.5 PK	88.2	-3.7	2.09 H	81	78.4	6.1
2	#5925.00	67.0 AV	68.2	-1.2	2.09 H	81	60.9	6.1
3	*5955.00	116.9 PK			2.09 H	81	110.7	6.2
4	*5955.00	108.9 AV			2.09 H	81	102.7	6.2
5	11910.00	55.4 PK	74.0	-18.6	1.41 H	80	39.5	15.9
6	11910.00	43.3 AV	54.0	-10.7	1.41 H	80	27.4	15.9
7	17865.00	53.9 PK	74.0	-20.1	1.32 H	186	27.2	26.7
8	17865.00	41.0 AV	54.0	-13.0	1.32 H	186	14.3	26.7

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.

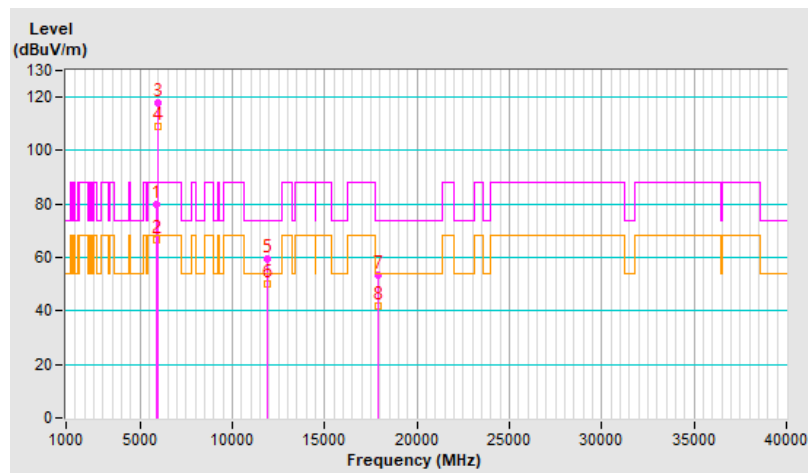


RF Mode	802.11a	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=200 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	80.0 PK	88.2	-8.2	2.55 V	87	73.9	6.1
2	#5925.00	66.4 AV	68.2	-1.8	2.55 V	87	60.3	6.1
3	*5955.00	117.8 PK			2.55 V	87	111.6	6.2
4	*5955.00	109.1 AV			2.55 V	87	102.9	6.2
5	11910.00	59.3 PK	74.0	-14.7	1.74 V	90	43.4	15.9
6	11910.00	50.0 AV	54.0	-4.0	1.74 V	90	34.1	15.9
7	17865.00	53.4 PK	74.0	-20.6	1.45 V	6	26.7	26.7
8	17865.00	42.0 AV	54.0	-12.0	1.45 V	6	15.3	26.7

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.

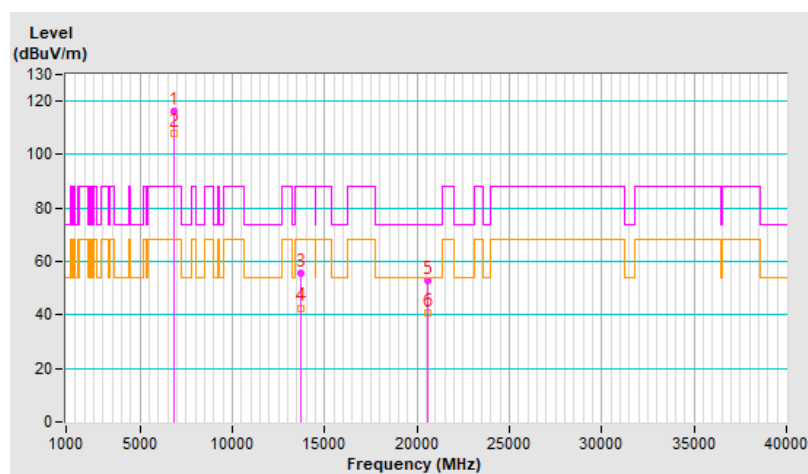


RF Mode	802.11a	Channel	CH 181 : 6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=200 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6855.00	116.1 PK			2.24 H	89	106.3	9.8
2	*6855.00	108.0 AV			2.24 H	89	98.2	9.8
3	#13710.00	55.5 PK	88.2	-32.7	1.57 H	115	36.6	18.9
4	#13710.00	42.7 AV	68.2	-25.5	1.57 H	115	23.8	18.9
5	20565.00	52.8 PK	74.0	-21.2	1.41 H	190	54.7	-1.9
6	20565.00	40.7 AV	54.0	-13.3	1.41 H	190	42.6	-1.9

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.

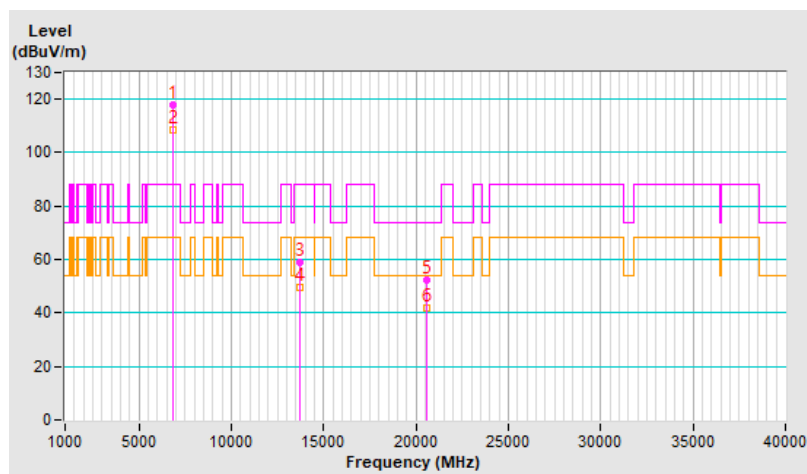


RF Mode	802.11a	Channel	CH 181 : 6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=200 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6855.00	117.7 PK			2.46 V	68	107.9	9.8
2	*6855.00	108.5 AV			2.46 V	68	98.7	9.8
3	#13710.00	58.9 PK	88.2	-29.3	1.65 V	107	40.0	18.9
4	#13710.00	49.5 AV	68.2	-18.7	1.65 V	107	30.6	18.9
5	20565.00	52.5 PK	74.0	-21.5	1.44 V	52	54.4	-1.9
6	20565.00	41.9 AV	54.0	-12.1	1.44 V	52	43.8	-1.9

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.

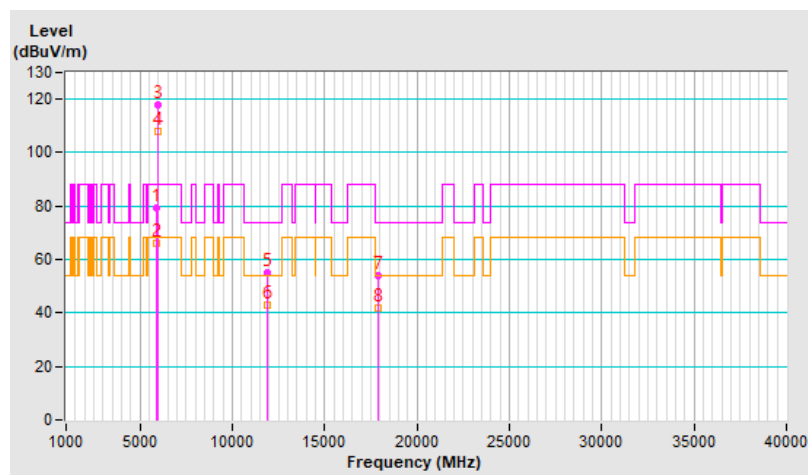


RF Mode	802.11ax (HE20)	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	79.5 PK	88.2	-8.7	2.15 H	104	73.4	6.1
2	#5925.00	66.2 AV	68.2	-2.0	2.15 H	104	60.1	6.1
3	*5955.00	118.1 PK			2.15 H	104	111.9	6.2
4	*5955.00	107.9 AV			2.15 H	104	101.7	6.2
5	11910.00	54.9 PK	74.0	-19.1	1.49 H	98	39.0	15.9
6	11910.00	42.9 AV	54.0	-11.1	1.49 H	98	27.0	15.9
7	17865.00	54.0 PK	74.0	-20.0	1.42 H	181	27.3	26.7
8	17865.00	41.7 AV	54.0	-12.3	1.42 H	181	15.0	26.7

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.

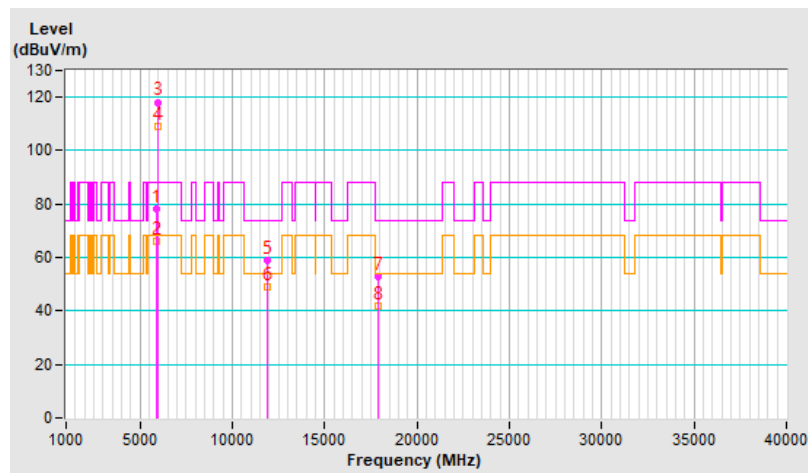


RF Mode	802.11ax (HE20)	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	78.1 PK	88.2	-10.1	2.51 V	107	72.0	6.1
2	#5925.00	66.2 AV	68.2	-2.0	2.51 V	107	60.1	6.1
3	*5955.00	118.2 PK			2.51 V	107	112.0	6.2
4	*5955.00	108.9 AV			2.51 V	107	102.7	6.2
5	11910.00	58.9 PK	74.0	-15.1	1.73 V	136	43.0	15.9
6	11910.00	48.9 AV	54.0	-5.1	1.73 V	136	33.0	15.9
7	17865.00	53.0 PK	74.0	-21.0	1.44 V	48	26.3	26.7
8	17865.00	42.0 AV	54.0	-12.0	1.44 V	48	15.3	26.7

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.

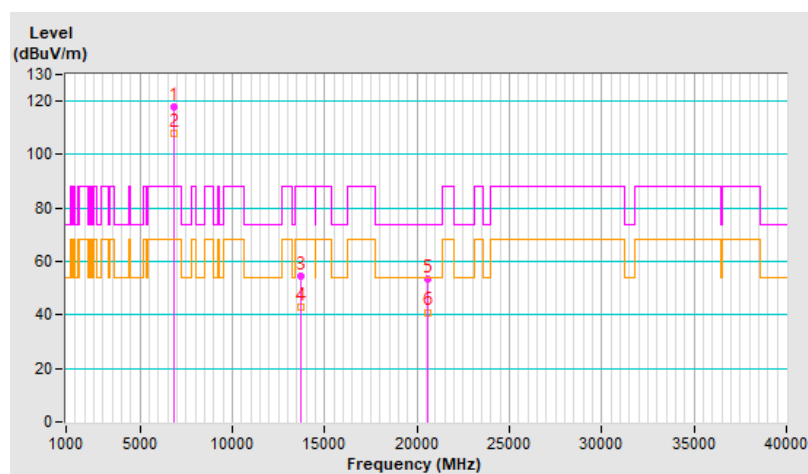


RF Mode	802.11ax (HE20)	Channel	CH 181 : 6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6855.00	117.8 PK			2.06 H	95	108.0	9.8
2	*6855.00	108.0 AV			2.06 H	95	98.2	9.8
3	#13710.00	54.3 PK	88.2	-33.9	1.43 H	77	35.4	18.9
4	#13710.00	42.8 AV	68.2	-25.4	1.43 H	77	23.9	18.9
5	20565.00	53.5 PK	74.0	-20.5	1.44 H	196	55.4	-1.9
6	20565.00	41.0 AV	54.0	-13.0	1.44 H	196	42.9	-1.9

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.

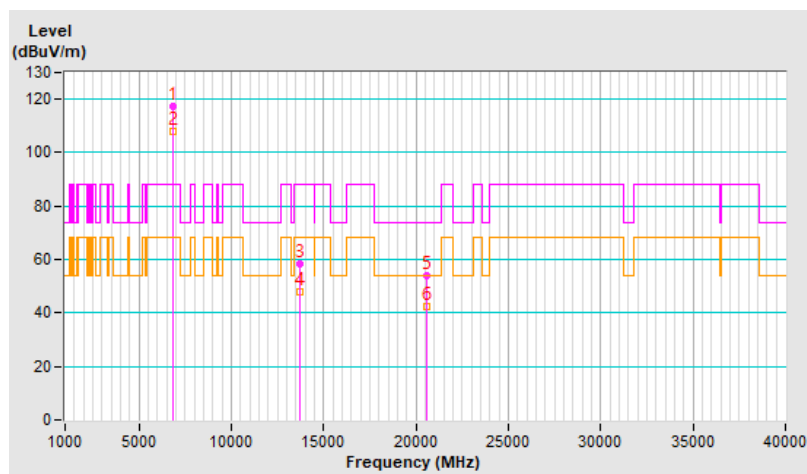


RF Mode	802.11ax (HE20)	Channel	CH 181 : 6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6855.00	117.4 PK			2.52 V	95	107.6	9.8
2	*6855.00	108.1 AV			2.52 V	95	98.3	9.8
3	#13710.00	58.2 PK	88.2	-30.0	1.76 V	140	39.3	18.9
4	#13710.00	48.0 AV	68.2	-20.2	1.76 V	140	29.1	18.9
5	20565.00	54.2 PK	74.0	-19.8	1.52 V	26	56.1	-1.9
6	20565.00	42.6 AV	54.0	-11.4	1.52 V	26	44.5	-1.9

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.

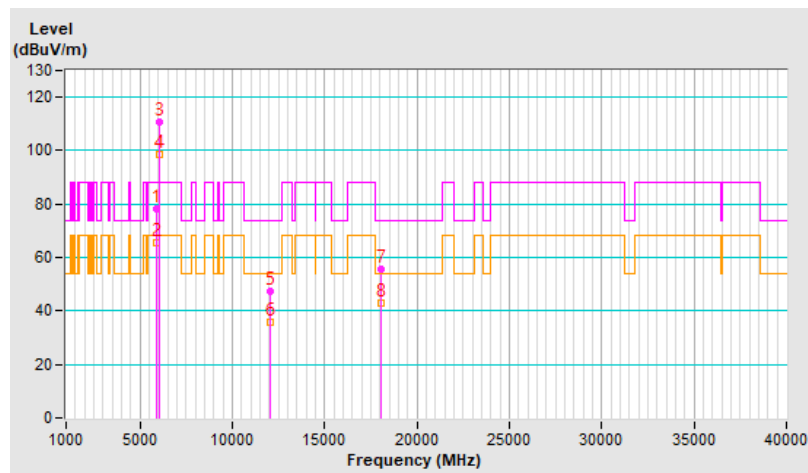


RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	78.3 PK	88.2	-9.9	2.11 H	109	72.2	6.1
2	#5925.00	65.3 AV	68.2	-2.9	2.11 H	109	59.2	6.1
3	*6025.00	110.8 PK			2.11 H	109	104.6	6.2
4	*6025.00	98.6 AV			2.11 H	109	92.4	6.2
5	12050.00	47.3 PK	74.0	-26.7	1.53 H	109	31.1	16.2
6	12050.00	35.9 AV	54.0	-18.1	1.53 H	109	19.7	16.2
7	18075.00	55.8 PK	74.0	-18.2	1.22 H	185	51.3	4.5
8	18075.00	43.0 AV	54.0	-11.0	1.22 H	185	38.5	4.5

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.

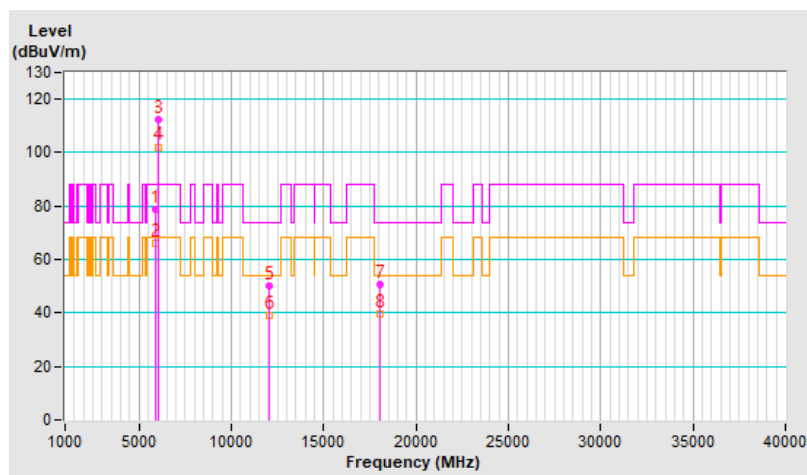


RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	78.7 PK	88.2	-9.5	2.48 V	109	72.6	6.1
2	#5925.00	66.2 AV	68.2	-2.0	2.48 V	109	60.1	6.1
3	*6025.00	112.3 PK			2.48 V	109	106.1	6.2
4	*6025.00	102.2 AV			2.48 V	109	96.0	6.2
5	12050.00	50.0 PK	74.0	-24.0	1.68 V	80	33.8	16.2
6	12050.00	39.1 AV	54.0	-14.9	1.68 V	80	22.9	16.2
7	18075.00	50.7 PK	74.0	-23.3	1.49 V	24	46.2	4.5
8	18075.00	39.7 AV	54.0	-14.3	1.49 V	24	35.2	4.5

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.

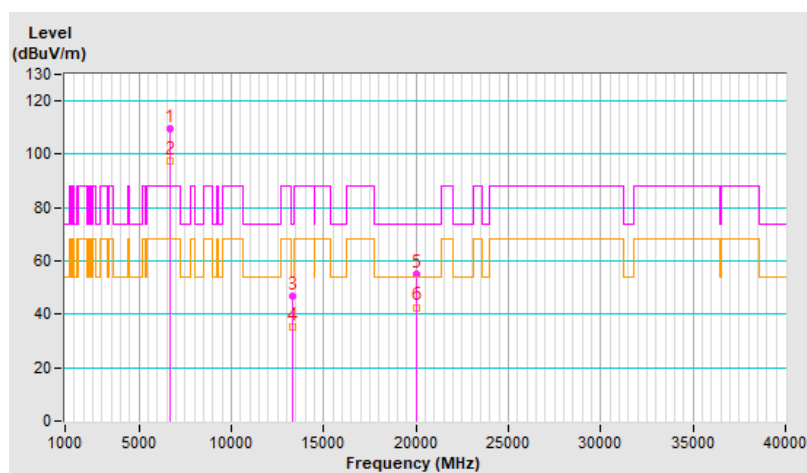


RF Mode	802.11ax (HE160)	Channel	CH 143 : 6665 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6665.00	109.4 PK			2.17 H	121	100.2	9.2
2	*6665.00	97.3 AV			2.17 H	121	88.1	9.2
3	13330.00	46.7 PK	74.0	-27.3	1.63 H	120	28.9	17.8
4	13330.00	35.2 AV	54.0	-18.8	1.63 H	120	17.4	17.8
5	19995.00	55.2 PK	74.0	-18.8	1.12 H	166	57.5	-2.3
6	19995.00	42.7 AV	54.0	-11.3	1.12 H	166	45.0	-2.3

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.

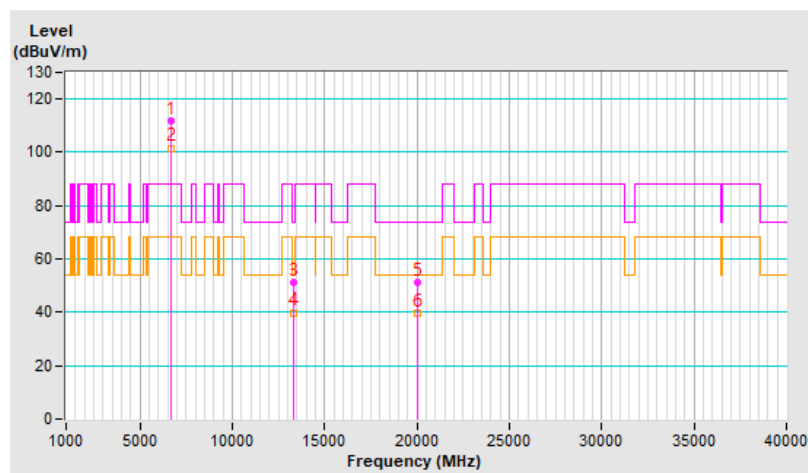


RF Mode	802.11ax (HE160)	Channel	CH 143 : 6665 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6665.00	111.6 PK			2.56 V	103	102.4	9.2
2	*6665.00	101.6 AV			2.56 V	103	92.4	9.2
3	13330.00	51.1 PK	74.0	-22.9	1.74 V	98	33.3	17.8
4	13330.00	39.9 AV	54.0	-14.1	1.74 V	98	22.1	17.8
5	19995.00	51.2 PK	74.0	-22.8	1.48 V	33	53.5	-2.3
6	19995.00	39.5 AV	54.0	-14.5	1.48 V	33	41.8	-2.3

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.



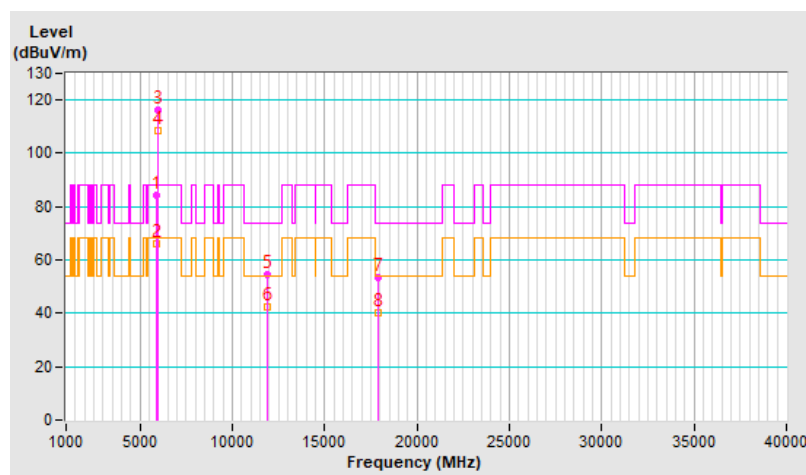
1 TX only version A

RF Mode	802.11a	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=200 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	84.1 PK	88.2	-4.1	2.06 H	67	78.0	6.1
2	#5925.00	65.9 AV	68.2	-2.3	2.06 H	67	59.8	6.1
3	*5955.00	116.3 PK			2.06 H	67	110.1	6.2
4	*5955.00	108.4 AV			2.06 H	67	102.2	6.2
5	11910.00	54.5 PK	74.0	-19.5	1.38 H	81	38.6	15.9
6	11910.00	42.2 AV	54.0	-11.8	1.38 H	81	26.3	15.9
7	17865.00	53.2 PK	74.0	-20.8	1.26 H	192	26.5	26.7
8	17865.00	40.4 AV	54.0	-13.6	1.26 H	192	13.7	26.7

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.

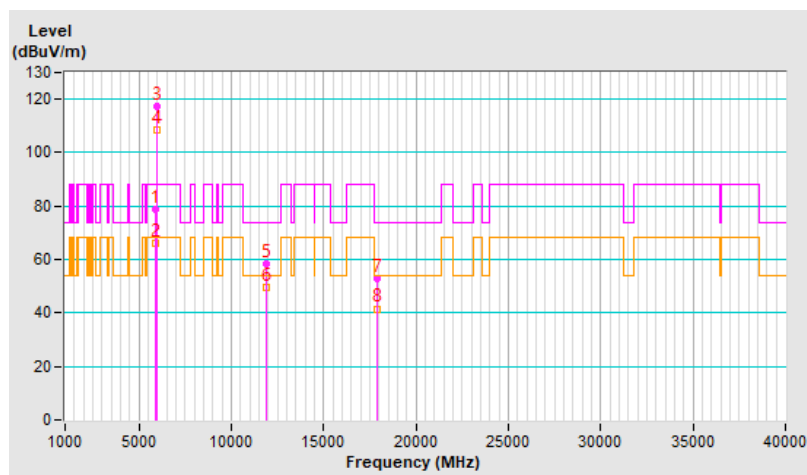


RF Mode	802.11a	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=200 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	78.9 PK	88.2	-9.3	2.60 V	84	72.8	6.1
2	#5925.00	66.2 AV	68.2	-2.0	2.60 V	84	60.1	6.1
3	*5955.00	117.2 PK			2.60 V	84	111.0	6.2
4	*5955.00	108.4 AV			2.60 V	84	102.2	6.2
5	11910.00	58.5 PK	74.0	-15.5	1.74 V	98	42.6	15.9
6	11910.00	49.4 AV	54.0	-4.6	1.74 V	98	33.5	15.9
7	17865.00	53.0 PK	74.0	-21.0	1.41 V	2	26.3	26.7
8	17865.00	41.6 AV	54.0	-12.4	1.41 V	2	14.9	26.7

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.

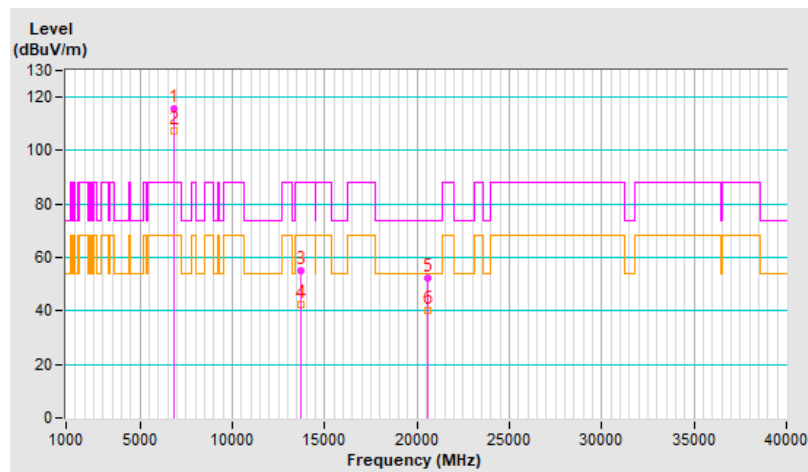


RF Mode	802.11a	Channel	CH 181 : 6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=200 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6855.00	115.7 PK			2.30 H	103	105.9	9.8
2	*6855.00	107.4 AV			2.30 H	103	97.6	9.8
3	#13710.00	55.0 PK	88.2	-33.2	1.58 H	125	36.1	18.9
4	#13710.00	42.3 AV	68.2	-25.9	1.58 H	125	23.4	18.9
5	20565.00	52.4 PK	74.0	-21.6	1.43 H	199	54.3	-1.9
6	20565.00	40.3 AV	54.0	-13.7	1.43 H	199	42.2	-1.9

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.

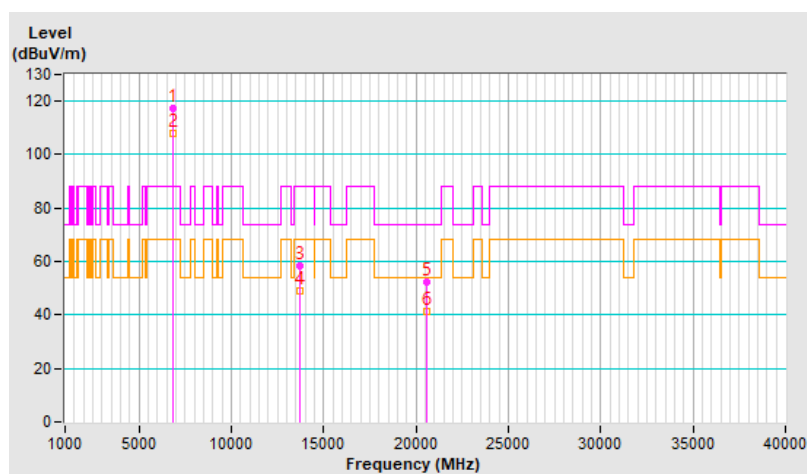


RF Mode	802.11a	Channel	CH 181 : 6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=200 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6855.00	117.2 PK			2.45 V	77	107.4	9.8
2	*6855.00	108.0 AV			2.45 V	77	98.2	9.8
3	#13710.00	58.5 PK	88.2	-29.7	1.64 V	98	39.6	18.9
4	#13710.00	49.1 AV	68.2	-19.1	1.64 V	98	30.2	18.9
5	20565.00	52.2 PK	74.0	-21.8	1.43 V	65	54.1	-1.9
6	20565.00	41.4 AV	54.0	-12.6	1.43 V	65	43.3	-1.9

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.

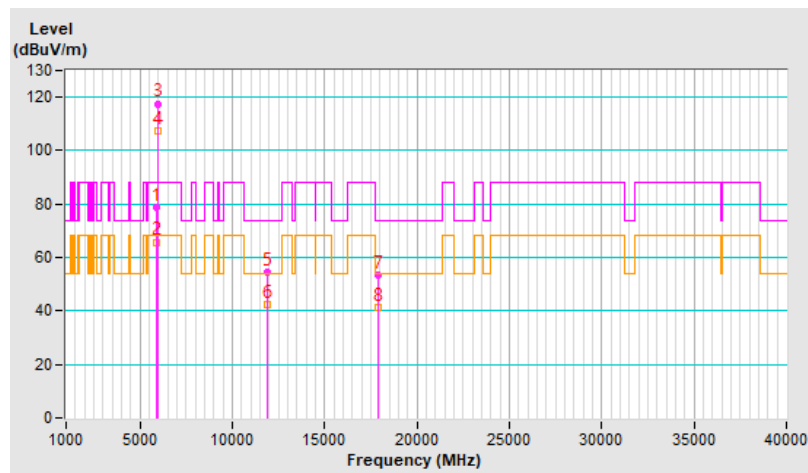


RF Mode	802.11ax (HE20)	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	78.9 PK	88.2	-9.3	2.18 H	116	72.8	6.1
2	#5925.00	65.8 AV	68.2	-2.4	2.18 H	116	59.7	6.1
3	*5955.00	117.6 PK			2.18 H	116	111.4	6.2
4	*5955.00	107.5 AV			2.18 H	116	101.3	6.2
5	11910.00	54.5 PK	74.0	-19.5	1.53 H	104	38.6	15.9
6	11910.00	42.4 AV	54.0	-11.6	1.53 H	104	26.5	15.9
7	17865.00	53.5 PK	74.0	-20.5	1.37 H	170	26.8	26.7
8	17865.00	41.2 AV	54.0	-12.8	1.37 H	170	14.5	26.7

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.

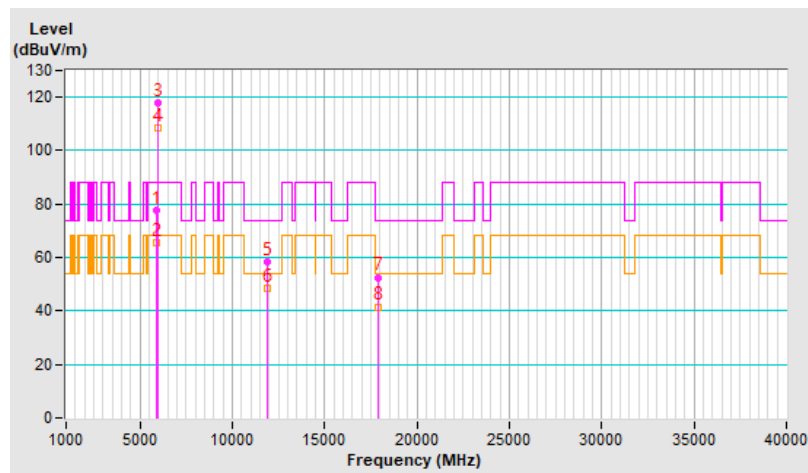


RF Mode	802.11ax (HE20)	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	77.7 PK	88.2	-10.5	2.61 V	106	71.6	6.1
2	#5925.00	65.7 AV	68.2	-2.5	2.61 V	106	59.6	6.1
3	*5955.00	117.7 PK			2.61 V	106	111.5	6.2
4	*5955.00	108.5 AV			2.61 V	106	102.3	6.2
5	11910.00	58.3 PK	74.0	-15.7	1.76 V	135	42.4	15.9
6	11910.00	48.4 AV	54.0	-5.6	1.76 V	135	32.5	15.9
7	17865.00	52.6 PK	74.0	-21.4	1.48 V	55	25.9	26.7
8	17865.00	41.6 AV	54.0	-12.4	1.48 V	55	14.9	26.7

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.

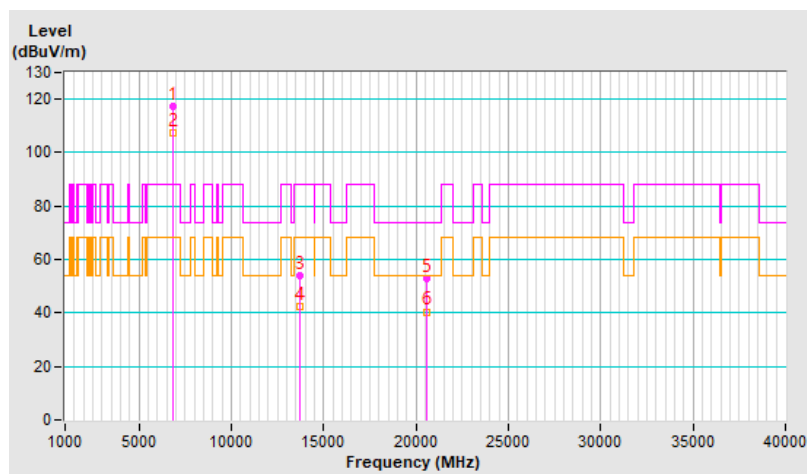


RF Mode	802.11ax (HE20)	Channel	CH 181 : 6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6855.00	117.4 PK			2.01 H	91	107.6	9.8
2	*6855.00	107.5 AV			2.01 H	91	97.7	9.8
3	#13710.00	53.9 PK	88.2	-34.3	1.38 H	89	35.0	18.9
4	#13710.00	42.3 AV	68.2	-25.9	1.38 H	89	23.4	18.9
5	20565.00	53.0 PK	74.0	-21.0	1.50 H	207	54.9	-1.9
6	20565.00	40.5 AV	54.0	-13.5	1.50 H	207	42.4	-1.9

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.

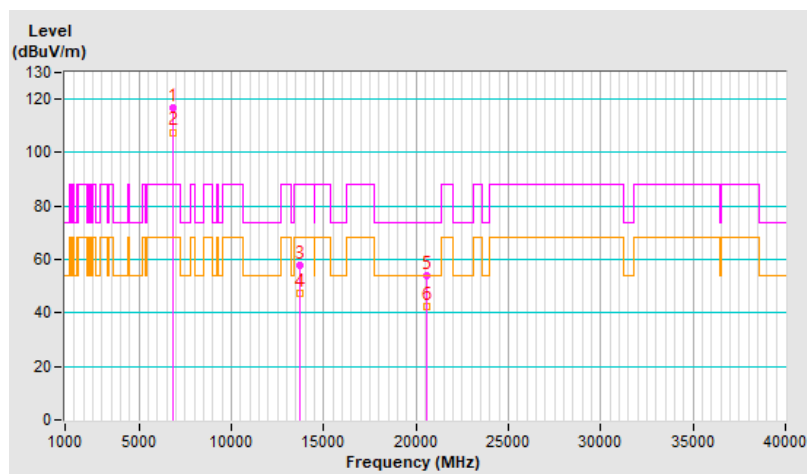


RF Mode	802.11ax (HE20)	Channel	CH 181 : 6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6855.00	117.0 PK			2.53 V	89	107.2	9.8
2	*6855.00	107.7 AV			2.53 V	89	97.9	9.8
3	#13710.00	57.9 PK	88.2	-30.3	1.74 V	136	39.0	18.9
4	#13710.00	47.6 AV	68.2	-20.6	1.74 V	136	28.7	18.9
5	20565.00	53.7 PK	74.0	-20.3	1.53 V	13	55.6	-1.9
6	20565.00	42.2 AV	54.0	-11.8	1.53 V	13	44.1	-1.9

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.

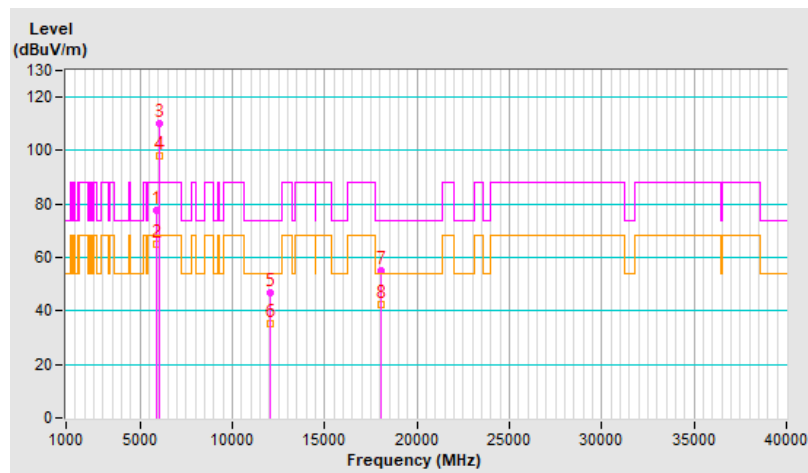


RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	77.8 PK	88.2	-10.4	2.13 H	122	71.7	6.1
2	#5925.00	64.8 AV	68.2	-3.4	2.13 H	122	58.7	6.1
3	*6025.00	110.3 PK			2.13 H	122	104.1	6.2
4	*6025.00	98.0 AV			2.13 H	122	91.8	6.2
5	12050.00	46.6 PK	74.0	-27.4	1.51 H	122	30.4	16.2
6	12050.00	35.2 AV	54.0	-18.8	1.51 H	122	19.0	16.2
7	18075.00	55.3 PK	74.0	-18.7	1.21 H	201	50.8	4.5
8	18075.00	42.6 AV	54.0	-11.4	1.21 H	201	38.1	4.5

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.

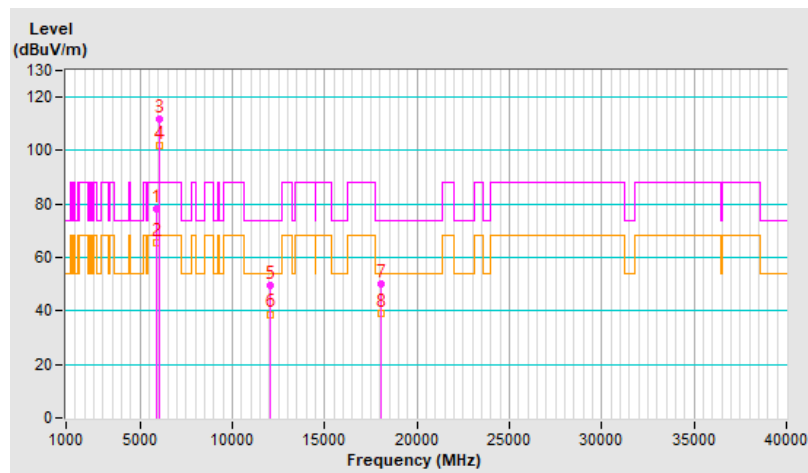


RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	78.1 PK	88.2	-10.1	2.53 V	93	72.0	6.1
2	#5925.00	65.7 AV	68.2	-2.5	2.53 V	93	59.6	6.1
3	*6025.00	112.0 PK			2.53 V	93	105.8	6.2
4	*6025.00	101.7 AV			2.53 V	93	95.5	6.2
5	12050.00	49.5 PK	74.0	-24.5	1.69 V	67	33.3	16.2
6	12050.00	38.8 AV	54.0	-15.2	1.69 V	67	22.6	16.2
7	18075.00	50.2 PK	74.0	-23.8	1.46 V	18	45.7	4.5
8	18075.00	39.2 AV	54.0	-14.8	1.46 V	18	34.7	4.5

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.

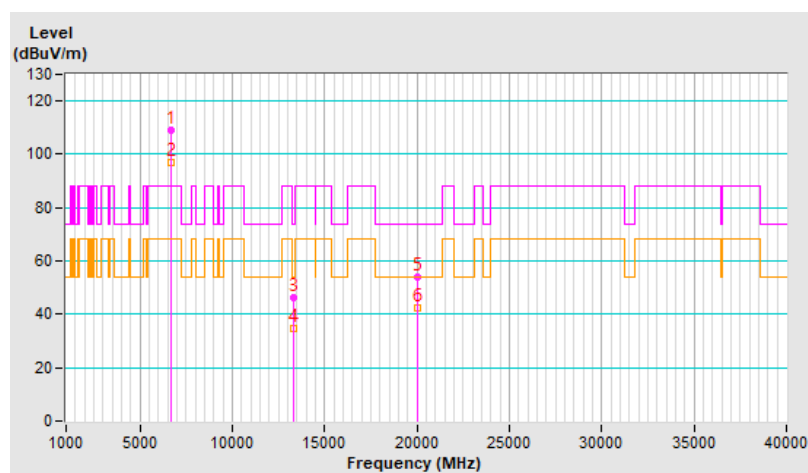


RF Mode	802.11ax (HE160)	Channel	CH 143 : 6665 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6665.00	108.9 PK			2.22 H	132	99.7	9.2
2	*6665.00	96.8 AV			2.22 H	132	87.6	9.2
3	13330.00	46.2 PK	74.0	-27.8	1.66 H	131	28.4	17.8
4	13330.00	34.9 AV	54.0	-19.1	1.66 H	131	17.1	17.8
5	19995.00	54.1 PK	74.0	-19.9	1.06 H	141	56.4	-2.3
6	19995.00	42.5 AV	54.0	-11.5	1.06 H	141	44.8	-2.3

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.

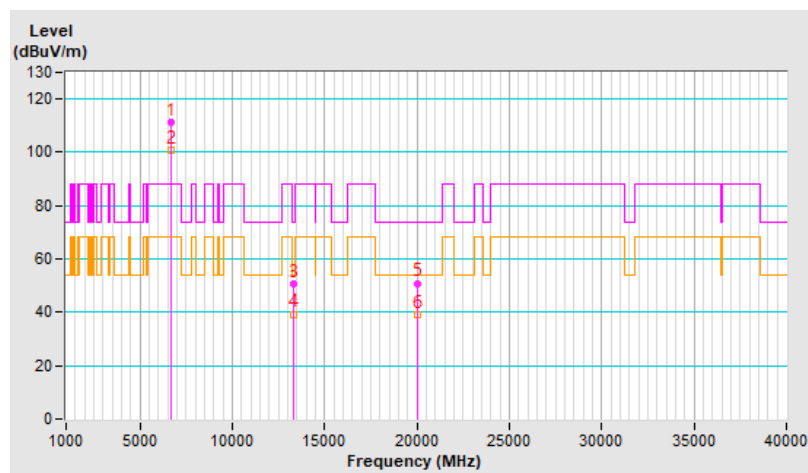


RF Mode	802.11ax (HE160)	Channel	CH 143 : 6665 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6665.00	111.1 PK			2.52 V	105	101.9	9.2
2	*6665.00	101.0 AV			2.52 V	105	91.8	9.2
3	13330.00	50.8 PK	74.0	-23.2	1.74 V	88	33.0	17.8
4	13330.00	39.4 AV	54.0	-14.6	1.74 V	88	21.6	17.8
5	19995.00	51.0 PK	74.0	-23.0	1.45 V	23	53.3	-2.3
6	19995.00	39.1 AV	54.0	-14.9	1.45 V	23	41.4	-2.3

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.



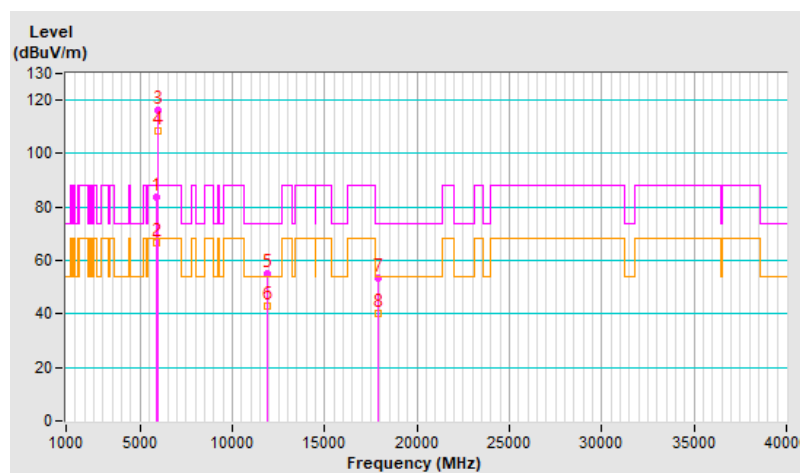
1 TX only version B

RF Mode	802.11a	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=200 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	83.9 PK	88.2	-4.3	2.09 H	89	77.8	6.1
2	#5925.00	66.5 AV	68.2	-1.7	2.09 H	89	60.4	6.1
3	*5955.00	116.2 PK			2.09 H	89	110.0	6.2
4	*5955.00	108.4 AV			2.09 H	89	102.2	6.2
5	11910.00	54.9 PK	74.0	-19.1	1.42 H	69	39.0	15.9
6	11910.00	42.8 AV	54.0	-11.2	1.42 H	69	26.9	15.9
7	17865.00	53.4 PK	74.0	-20.6	1.27 H	188	26.7	26.7
8	17865.00	40.4 AV	54.0	-13.6	1.27 H	188	13.7	26.7

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.

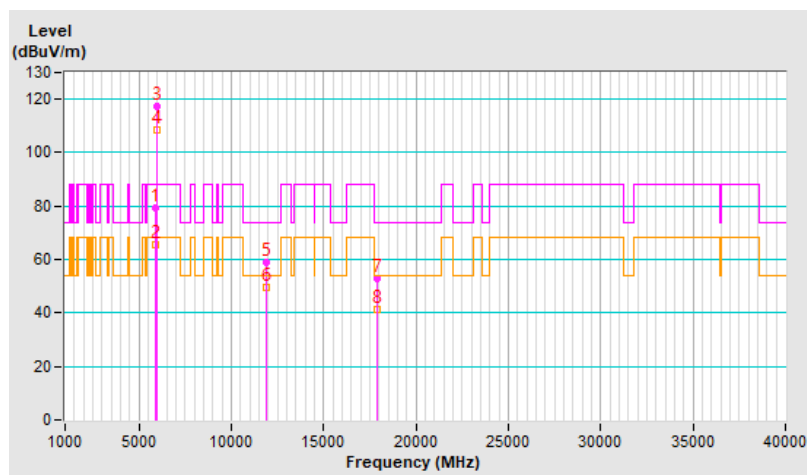


RF Mode	802.11a	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=200 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	79.1 PK	88.2	-9.1	2.55 V	101	73.0	6.1
2	#5925.00	65.5 AV	68.2	-2.7	2.55 V	101	59.4	6.1
3	*5955.00	117.3 PK			2.55 V	101	111.1	6.2
4	*5955.00	108.5 AV			2.55 V	101	102.3	6.2
5	11910.00	58.8 PK	74.0	-15.2	1.70 V	93	42.9	15.9
6	11910.00	49.5 AV	54.0	-4.5	1.70 V	93	33.6	15.9
7	17865.00	52.8 PK	74.0	-21.2	1.41 V	13	26.1	26.7
8	17865.00	41.4 AV	54.0	-12.6	1.41 V	13	14.7	26.7

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.

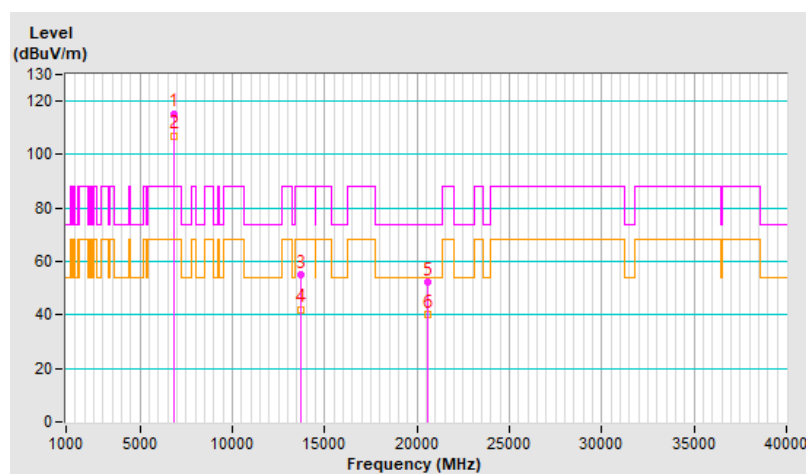


RF Mode	802.11a	Channel	CH 181 : 6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=200 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6855.00	115.4 PK			2.29 H	101	105.6	9.8
2	*6855.00	107.1 AV			2.29 H	101	97.3	9.8
3	#13710.00	55.1 PK	88.2	-33.1	1.60 H	119	36.2	18.9
4	#13710.00	42.1 AV	68.2	-26.1	1.60 H	119	23.2	18.9
5	20565.00	52.4 PK	74.0	-21.6	1.42 H	202	54.3	-1.9
6	20565.00	40.3 AV	54.0	-13.7	1.42 H	202	42.2	-1.9

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.

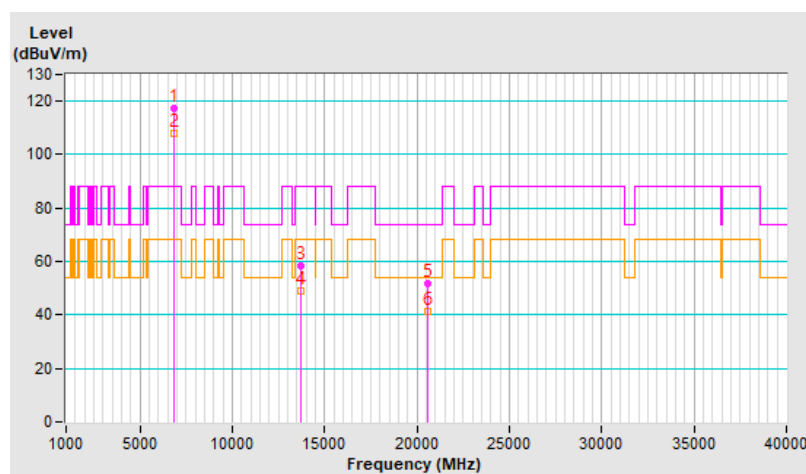


RF Mode	802.11a	Channel	CH 181 : 6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=200 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6855.00	117.1 PK			2.41 V	83	107.3	9.8
2	*6855.00	107.9 AV			2.41 V	83	98.1	9.8
3	#13710.00	58.4 PK	88.2	-29.8	1.70 V	100	39.5	18.9
4	#13710.00	49.1 AV	68.2	-19.1	1.70 V	100	30.2	18.9
5	20565.00	52.0 PK	74.0	-22.0	1.44 V	53	53.9	-1.9
6	20565.00	41.2 AV	54.0	-12.8	1.44 V	53	43.1	-1.9

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.

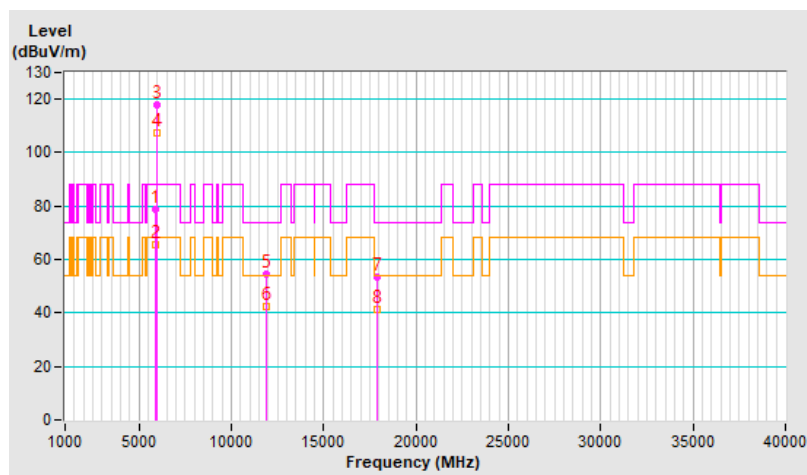


RF Mode	802.11ax (HE20)	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	78.9 PK	88.2	-9.3	2.15 H	100	72.8	6.1
2	#5925.00	65.7 AV	68.2	-2.5	2.15 H	100	59.6	6.1
3	*5955.00	117.7 PK			2.15 H	100	111.5	6.2
4	*5955.00	107.3 AV			2.15 H	100	101.1	6.2
5	11910.00	54.5 PK	74.0	-19.5	1.48 H	86	38.6	15.9
6	11910.00	42.2 AV	54.0	-11.8	1.48 H	86	26.3	15.9
7	17865.00	53.5 PK	74.0	-20.5	1.44 H	191	26.8	26.7
8	17865.00	41.2 AV	54.0	-12.8	1.44 H	191	14.5	26.7

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.

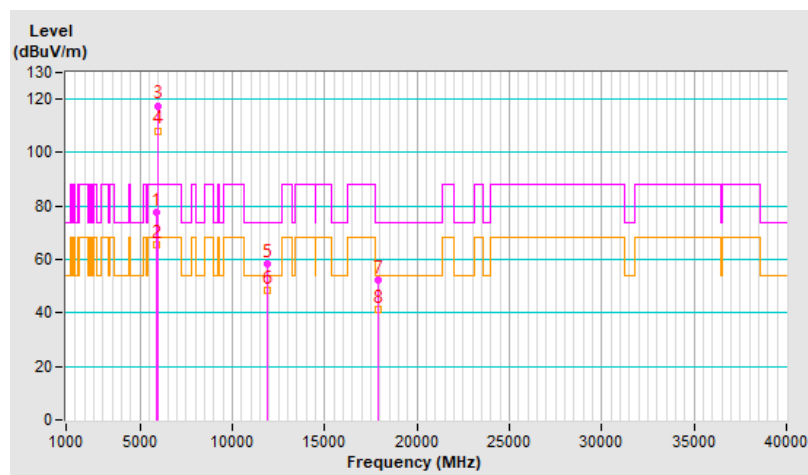


RF Mode	802.11ax (HE20)	Channel	CH 1 : 5955 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	77.6 PK	88.2	-10.6	2.56 V	92	71.5	6.1
2	#5925.00	65.6 AV	68.2	-2.6	2.56 V	92	59.5	6.1
3	*5955.00	117.6 PK			2.56 V	92	111.4	6.2
4	*5955.00	108.2 AV			2.56 V	92	102.0	6.2
5	11910.00	58.3 PK	74.0	-15.7	1.73 V	124	42.4	15.9
6	11910.00	48.5 AV	54.0	-5.5	1.73 V	124	32.6	15.9
7	17865.00	52.4 PK	74.0	-21.6	1.48 V	54	25.7	26.7
8	17865.00	41.3 AV	54.0	-12.7	1.48 V	54	14.6	26.7

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.

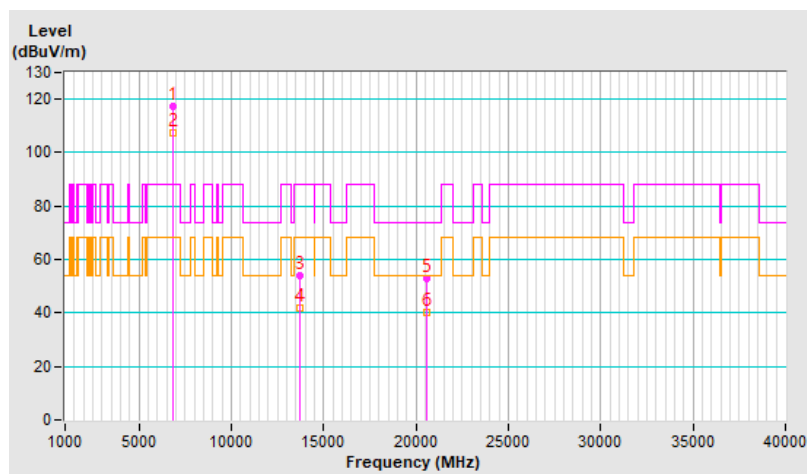


RF Mode	802.11ax (HE20)	Channel	CH 181 : 6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6855.00	117.3 PK			2.08 H	96	107.5	9.8
2	*6855.00	107.4 AV			2.08 H	96	97.6	9.8
3	#13710.00	53.8 PK	88.2	-34.4	1.44 H	82	34.9	18.9
4	#13710.00	42.0 AV	68.2	-26.2	1.44 H	82	23.1	18.9
5	20565.00	52.8 PK	74.0	-21.2	1.45 H	184	54.7	-1.9
6	20565.00	40.3 AV	54.0	-13.7	1.45 H	184	42.2	-1.9

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.

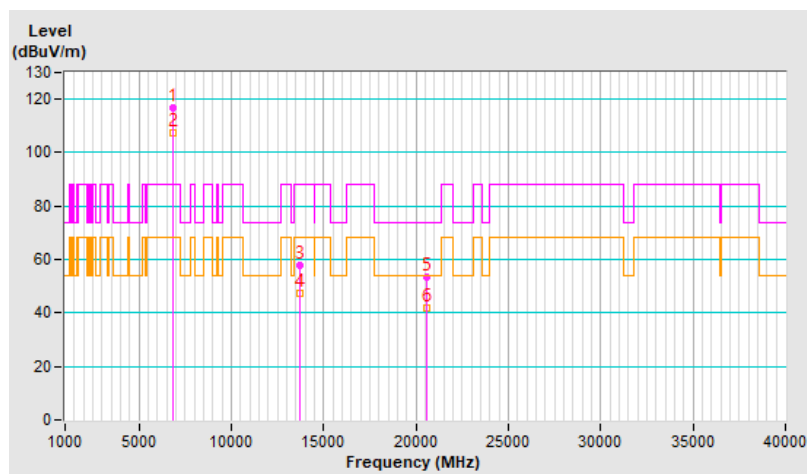


RF Mode	802.11ax (HE20)	Channel	CH 181 : 6855 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=300 Hz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6855.00	116.8 PK			2.49 V	90	107.0	9.8
2	*6855.00	107.6 AV			2.49 V	90	97.8	9.8
3	#13710.00	57.7 PK	88.2	-30.5	1.78 V	143	38.8	18.9
4	#13710.00	47.4 AV	68.2	-20.8	1.78 V	143	28.5	18.9
5	20565.00	53.6 PK	74.0	-20.4	1.53 V	18	55.5	-1.9
6	20565.00	42.0 AV	54.0	-12.0	1.53 V	18	43.9	-1.9

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.

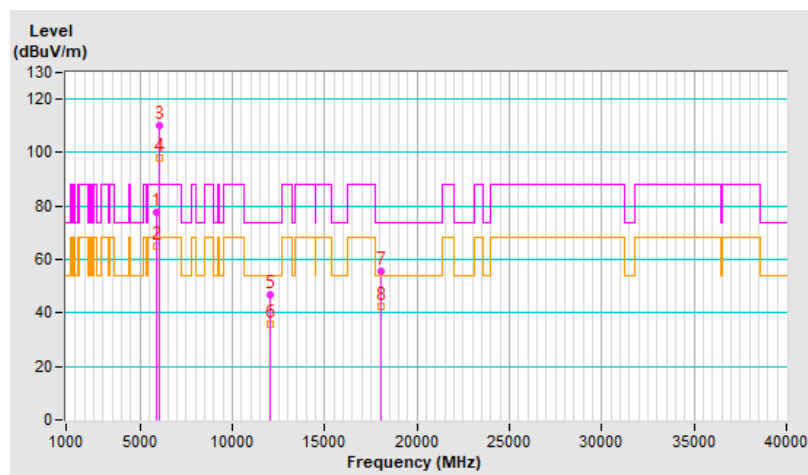


RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	77.8 PK	88.2	-10.4	2.08 H	109	71.7	6.1
2	#5925.00	64.8 AV	68.2	-3.4	2.08 H	109	58.7	6.1
3	*6025.00	110.3 PK			2.08 H	109	104.1	6.2
4	*6025.00	98.2 AV			2.08 H	109	92.0	6.2
5	12050.00	46.9 PK	74.0	-27.1	1.57 H	110	30.7	16.2
6	12050.00	35.5 AV	54.0	-18.5	1.57 H	110	19.3	16.2
7	18075.00	55.5 PK	74.0	-18.5	1.27 H	192	51.0	4.5
8	18075.00	42.6 AV	54.0	-11.4	1.27 H	192	38.1	4.5

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.

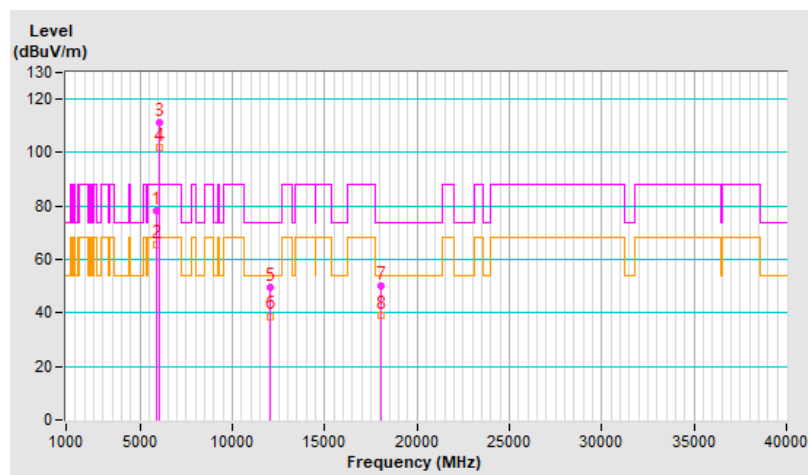


RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	#5925.00	78.2 PK	88.2	-10.0	2.50 V	103	72.1	6.1
2	#5925.00	65.7 AV	68.2	-2.5	2.50 V	103	59.6	6.1
3	*6025.00	111.3 PK			2.50 V	103	105.1	6.2
4	*6025.00	101.8 AV			2.50 V	103	95.6	6.2
5	12050.00	49.5 PK	74.0	-24.5	1.69 V	71	33.3	16.2
6	12050.00	38.8 AV	54.0	-15.2	1.69 V	71	22.6	16.2
7	18075.00	50.1 PK	74.0	-23.9	1.46 V	17	45.6	4.5
8	18075.00	39.2 AV	54.0	-14.8	1.46 V	17	34.7	4.5

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.

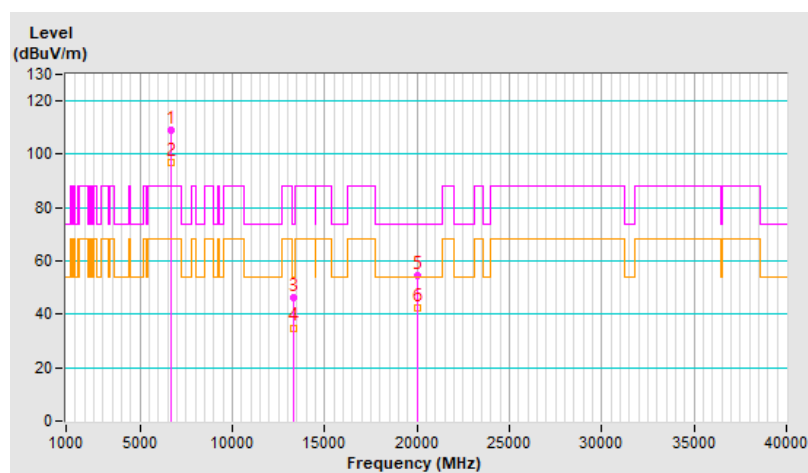


RF Mode	802.11ax (HE160)	Channel	CH 143 : 6665 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6665.00	109.0 PK			2.18 H	121	99.8	9.2
2	*6665.00	96.9 AV			2.18 H	121	87.7	9.2
3	13330.00	46.4 PK	74.0	-27.6	1.60 H	125	28.6	17.8
4	13330.00	35.0 AV	54.0	-19.0	1.60 H	125	17.2	17.8
5	19995.00	54.7 PK	74.0	-19.3	1.09 H	156	57.0	-2.3
6	19995.00	42.2 AV	54.0	-11.8	1.09 H	156	44.5	-2.3

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.

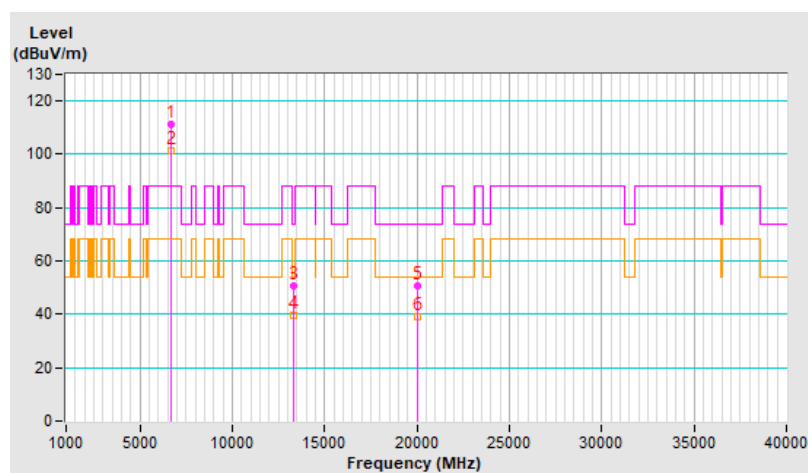


RF Mode	802.11ax (HE160)	Channel	CH 143 : 6665 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=1 kHz, DET=Peak
Input Power (System)	120 Vac, 60 Hz	Environmental Conditions	23°C, 71% RH
Tested By	Sampson Chen		

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	*6665.00	111.3 PK			2.53 V	110	102.1	9.2
2	*6665.00	101.3 AV			2.53 V	110	92.1	9.2
3	13330.00	50.8 PK	74.0	-23.2	1.79 V	112	33.0	17.8
4	13330.00	39.4 AV	54.0	-14.6	1.79 V	112	21.6	17.8
5	19995.00	50.6 PK	74.0	-23.4	1.43 V	34	52.9	-2.3
6	19995.00	39.1 AV	54.0	-14.9	1.43 V	34	41.4	-2.3

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.



10 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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