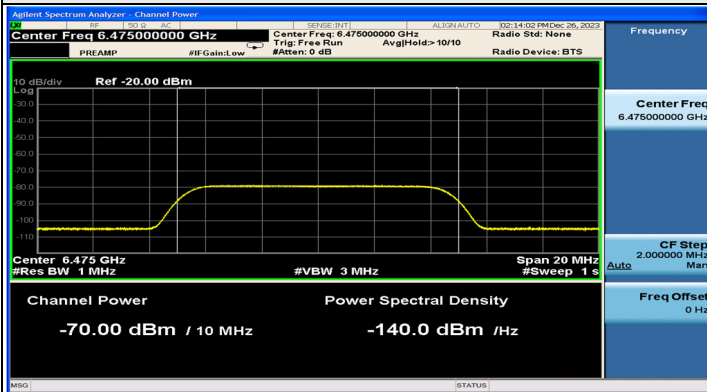
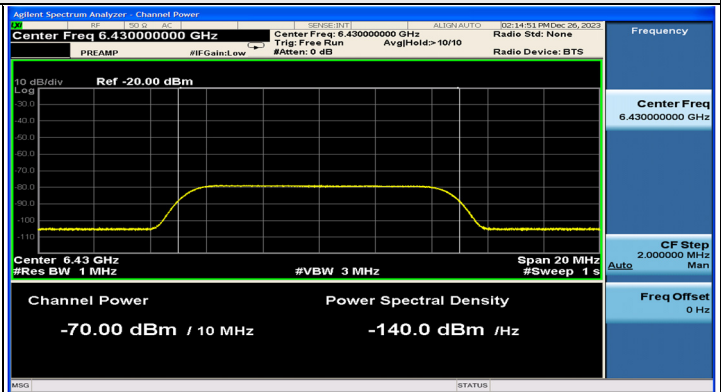


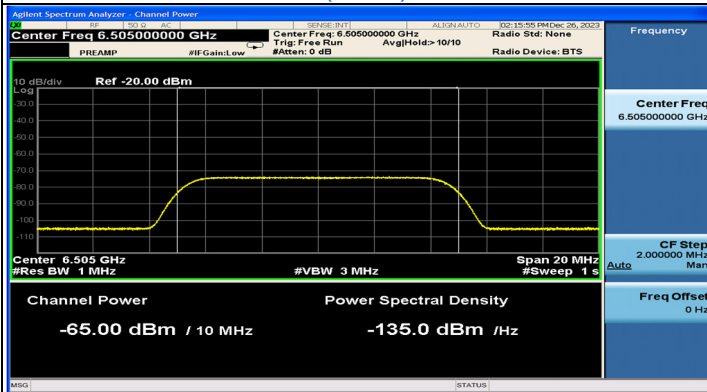
Plots of Injected signal (AWGN) level



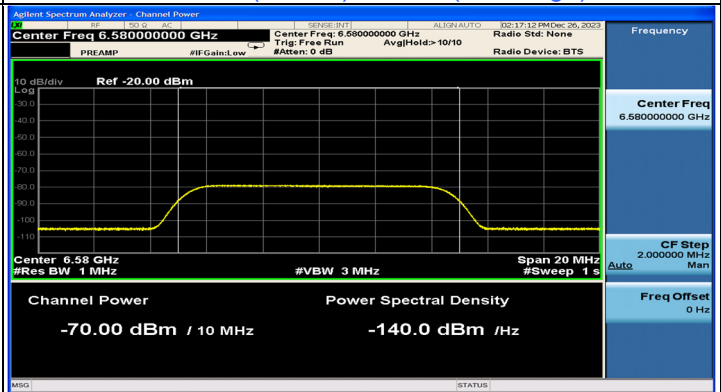
802.11ax (HE20) / CH105



802.11ax (HE160) / CH111(Low Edge)

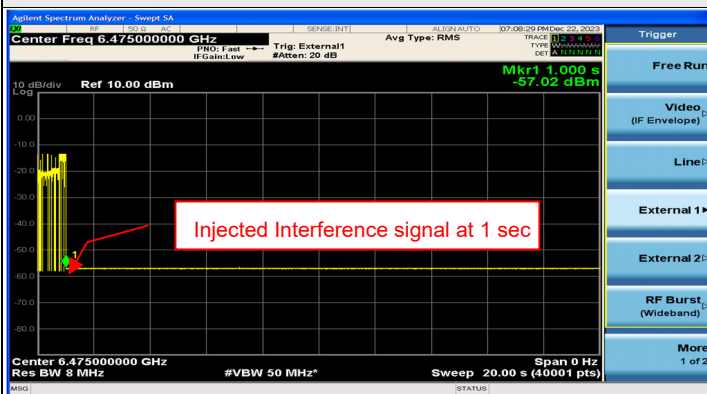


802.11ax (HE160) / CH111(Middle)

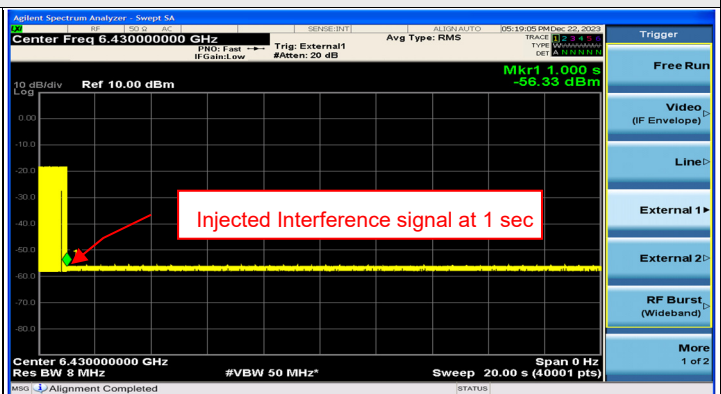


802.11ax (HE160) / CH111(High Edge)

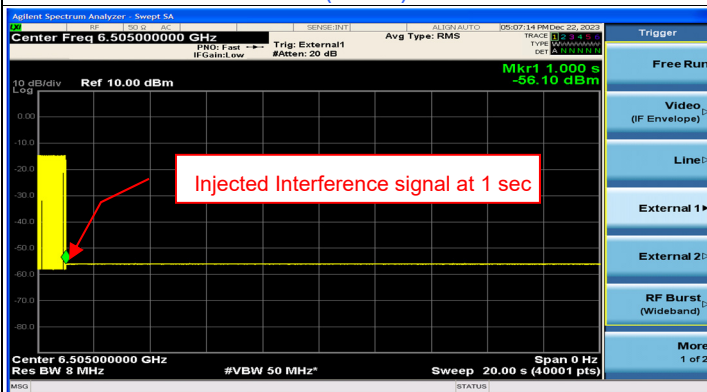
Plots of EUT ceased transmission in the time domain



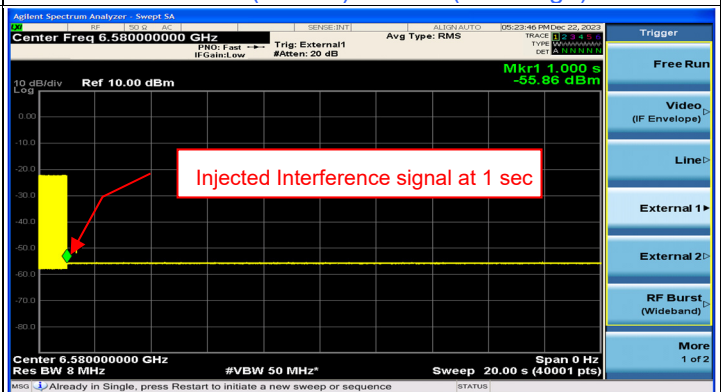
802.11ax (HE20) / CH105



802.11ax (HE160) / CH111(Low Edge)



802.11ax (HE160) / CH111(Middle)



802.11ax (HE160) / CH111(High Edge)

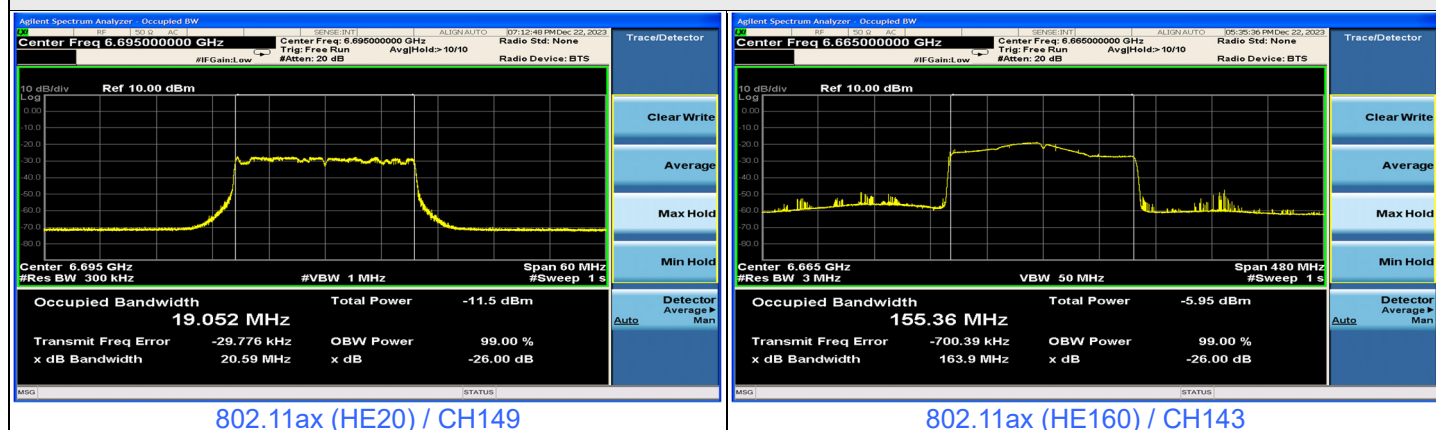
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	149	6695	6695	-70	0.2	0	-70.2	-62	OFF
					-74	0.2	0	-74.2	-62	Minimal
					-81.8	0.2	0	-82	-62	ON
	160	143	6665	6590	-70	0.2	0	-70.2	-62	OFF
					-73	0.2	0	-73.2	-62	Minimal
					-81.8	0.2	0	-82	-62	ON
				6665	-66	0.2	0	-66.2	-62	OFF
					-69	0.2	0	-69.2	-62	Minimal
					-81.8	0.2	0	-82	-62	ON
				6740	-70	0.2	0	-70.2	-62	OFF
					-74	0.2	0	-74.2	-62	Minimal
					-81.8	0.2	0	-82	-62	ON

Notes:

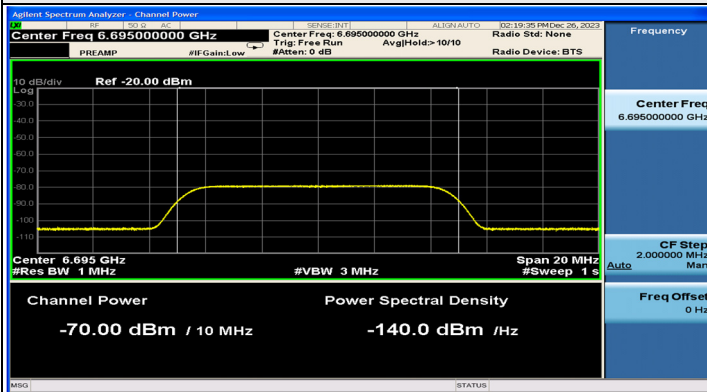
1. After investigation (consider antenna gain and path loss) , the one representative port (Chain 0) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.

Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6695	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6590	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6665	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6740	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

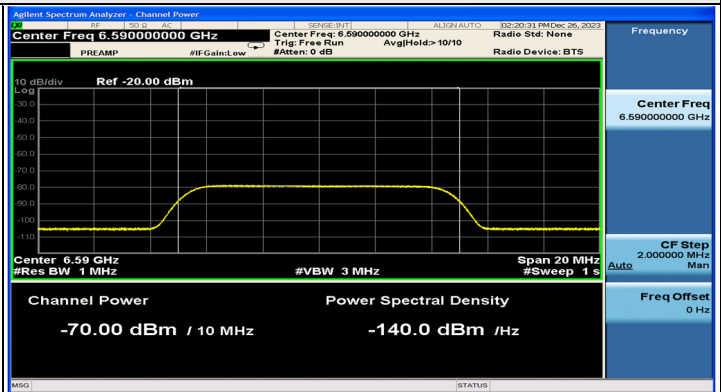
Plots of EUT Tx waveform



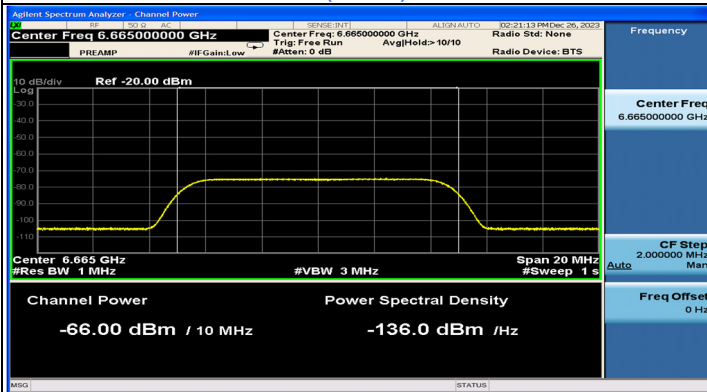
Plots of Injected signal (AWGN) level



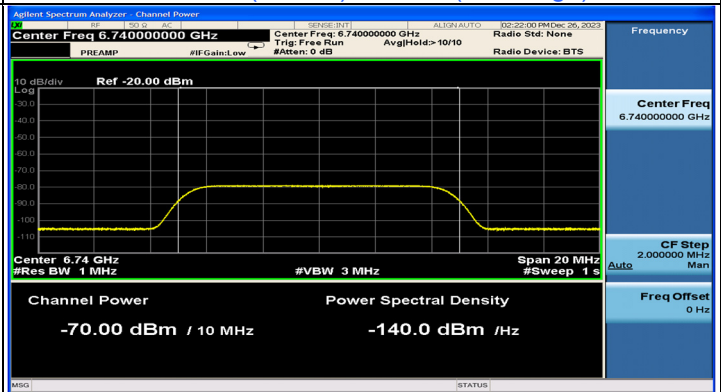
802.11ax (HE20) / CH149



802.11ax (HE160) / CH143(Low Edge)

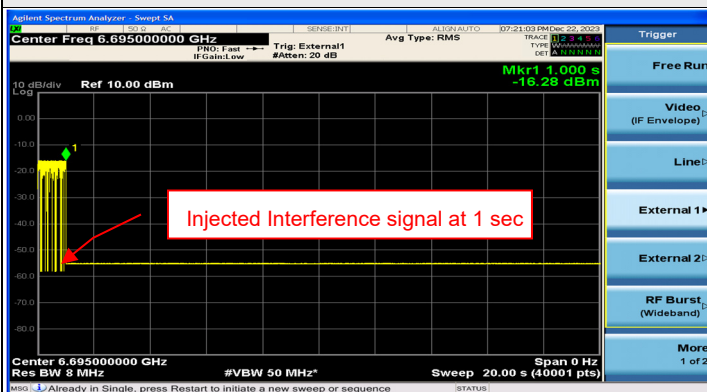


802.11ax (HE160) / CH143(Middle)

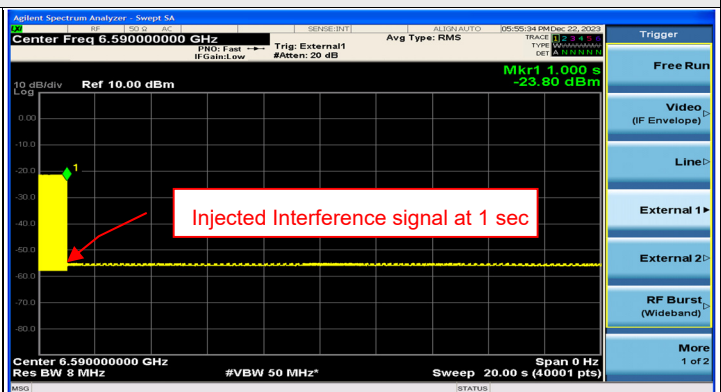


802.11ax (HE160) / CH143(High Edge)

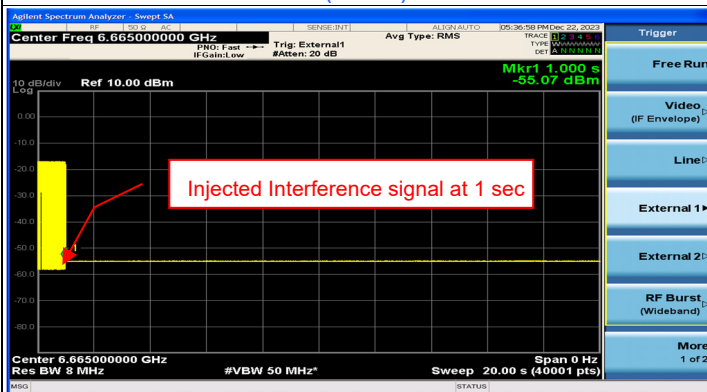
Plots of EUT ceased transmission in the time domain



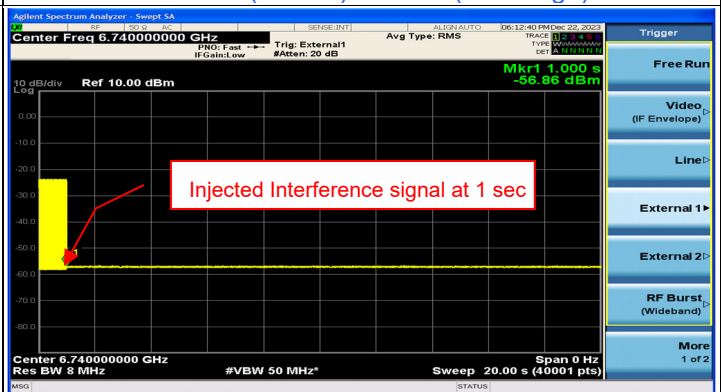
802.11ax (HE20) / CH149



802.11ax (HE160) / CH143(Low Edge)



802.11ax (HE160) / CH143(Middle)



802.11ax (HE160) / CH143(High Edge)

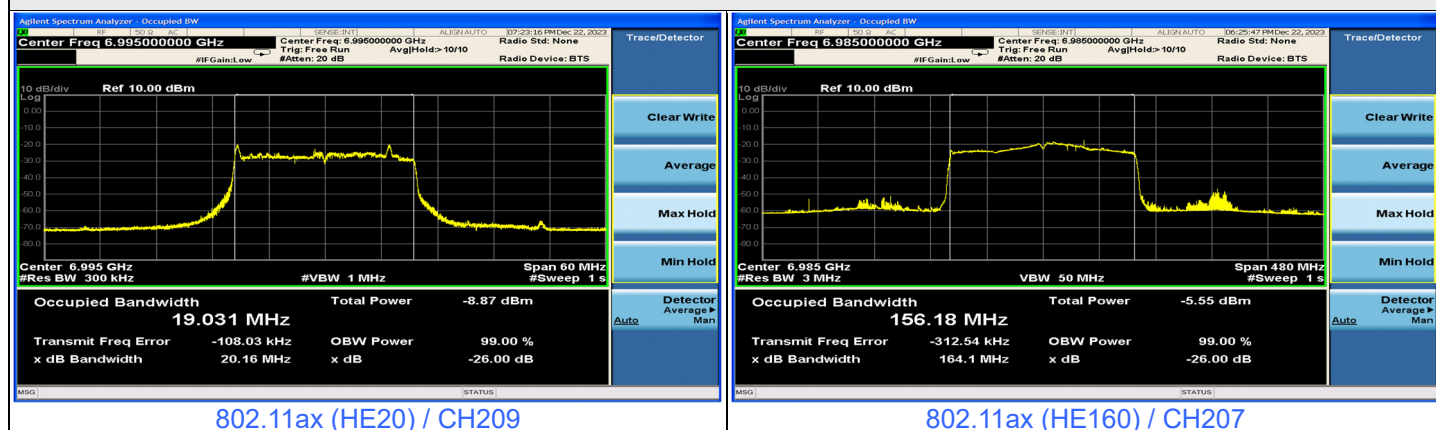
Contention Based Protocol Measurement										
Operation Mode	Channel Bandwidth (MHz)	Channel Number	Channel Freq. (MHz)	Injected Signal (AWGN)		Antenna Gain (dBi)	Path Loss (dB) (Note 3)	Adjusted Power (dBm)	Detection Limit	EUT TX Status
				Freq. (MHz)	Power (dBm)					
802.11ax	20	209	6995	6995	-71	0.2	0	-71.2	-62	OFF
					-74	0.2	0	-74.2	-62	Minimal
					-81.8	0.2	0	-82	-62	ON
	160	207	6985	6910	-70	0.2	0	-70.2	-62	OFF
					-73	0.2	0	-73.2	-62	Minimal
					-81.8	0.2	0	-82	-62	ON
				6985	-65	0.2	0	-65.2	-62	OFF
					-68	0.2	0	-68.2	-62	Minimal
					-81.8	0.2	0	-82	-62	ON
				7060	-69	0.2	0	-69.2	-62	OFF
					-73	0.2	0	-73.2	-62	Minimal
					-81.8	0.2	0	-82	-62	ON

Notes:

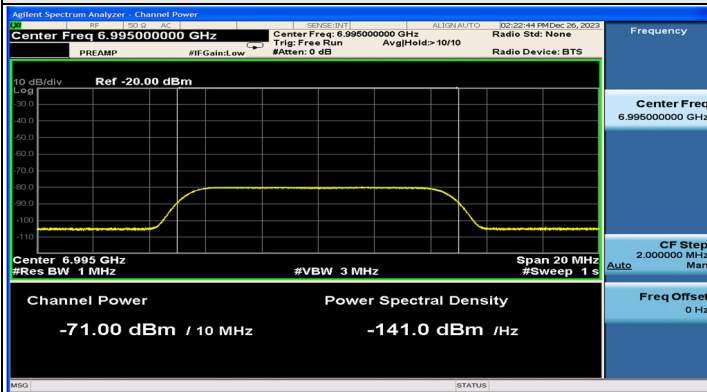
1. After investigation (consider antenna gain and path loss) , the one representative port (Chain 0) was measured and presented in the report.
2. Adjusted Power (dBm) = Injected Signal (AWGN) Power (dBm) - Antenna Gain (dBi) + Path Loss (dB)
3. Antenna gain values include all the applicable path losses.

Contention Based Protocol Detection Probability															
Operation Mode	Channel Bandwidth (MHz)	AWGN Signal Freq. (MHz)	#01	#02	#03	#04	#05	#06	#07	#08	#09	#10	Detection Probability	Detection Limit	Test Result
802.11ax	20	6995	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
	160	6910	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		6985	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass
		7060	v	v	v	v	v	v	v	v	v	v	100%	90%	Pass

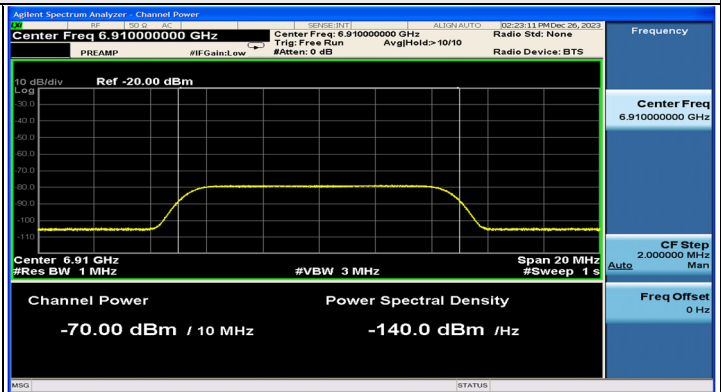
Plots of EUT Tx waveform



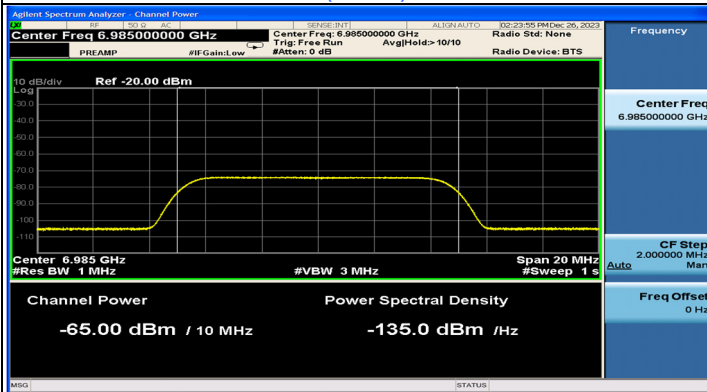
Plots of Injected signal (AWGN) level



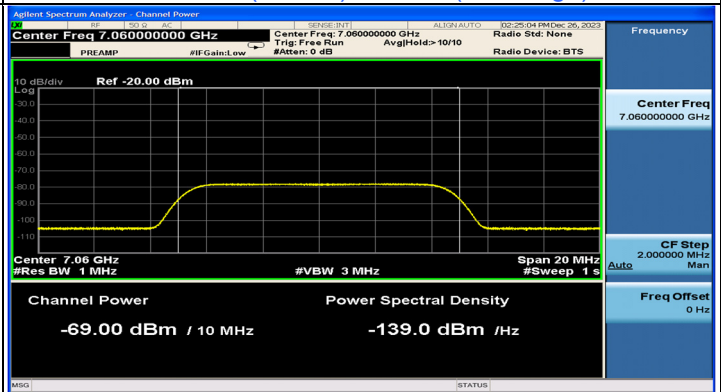
802.11ax (HE20) / CH209



802.11ax (HE160) / CH207(Low Edge)

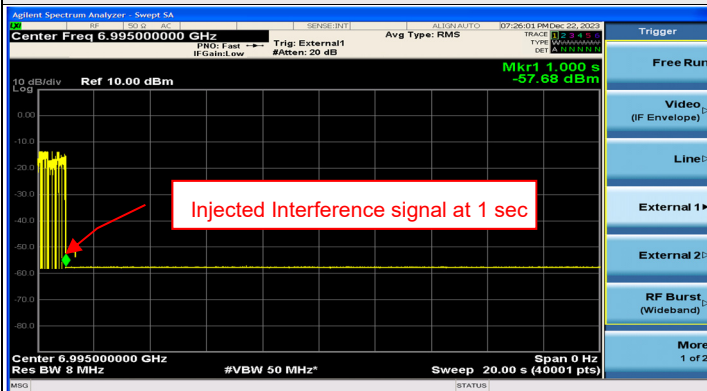


802.11ax (HE160) / CH207(Middle)

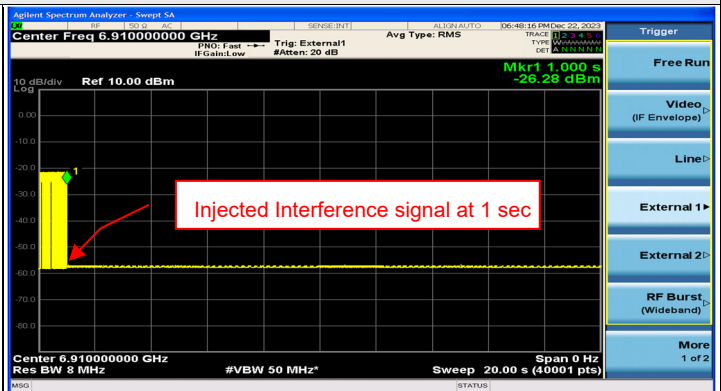


802.11ax (HE160) / CH207(High Edge)

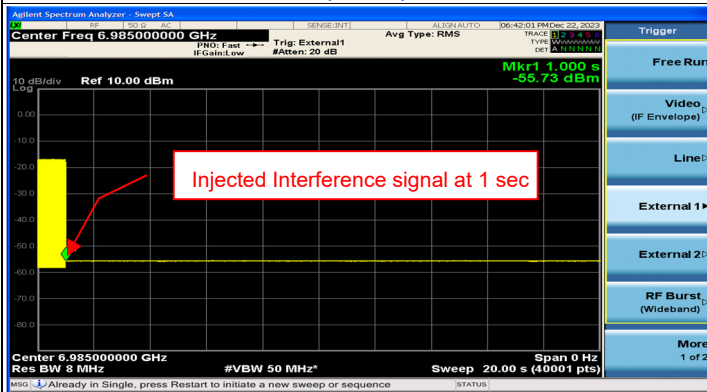
Plots of EUT ceased transmission in the time domain



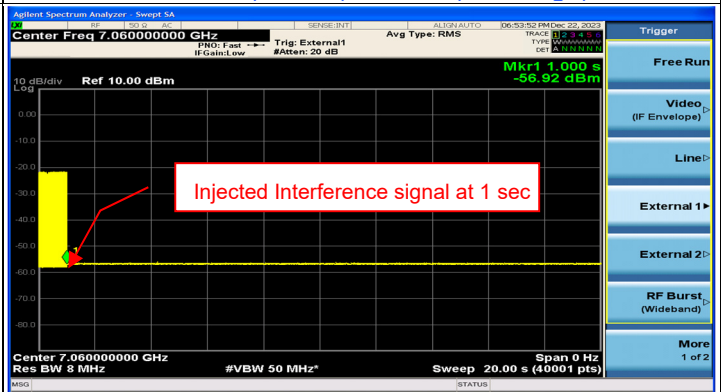
802.11ax (HE20) / CH209



802.11ax (HE160) / CH207(Low Edge)



802.11ax (HE160) / CH207(Middle)



802.11ax (HE160) / CH207(High Edge)

7.8 AC Power Conducted Emissions

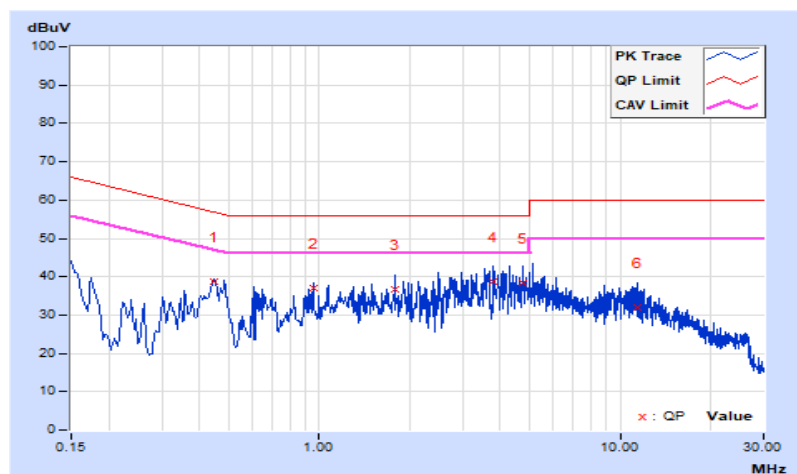
Test Mode A

RF Mode	802.11a	Channel	CH 45 : 6175 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 62% RH
Tested By	Vincent 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	0.44999	10.42	28.31	21.11	38.73	31.53	56.88	46.88	-18.15	-15.35
2	0.95400	10.43	26.68	17.30	37.11	27.73	56.00	46.00	-18.89	-18.27
3	1.78600	10.42	26.15	15.03	36.57	25.45	56.00	46.00	-19.43	-20.55
4	3.80200	10.51	28.20	16.59	38.71	27.10	56.00	46.00	-17.29	-18.90
5	4.78200	10.53	27.92	14.89	38.45	25.42	56.00	46.00	-17.55	-20.58
6	11.36200	10.59	21.34	9.77	31.93	20.36	60.00	50.00	-28.07	-29.64

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

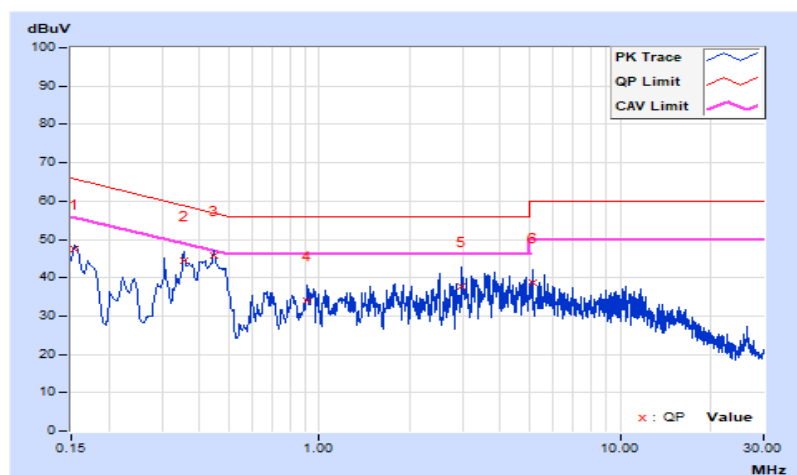


RF Mode	802.11a	Channel	CH 45 : 6175 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	23°C, 62% RH
Tested By	Vincent Chen		

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	0.15400	10.33	37.15	32.82	47.48	43.15	65.78	55.78	-18.30	-12.63
2	0.35407	10.42	34.00	26.94	44.42	37.36	58.87	48.87	-14.45	-11.51
3	0.44999	10.44	35.31	27.96	45.75	38.40	56.88	46.88	-11.13	-8.48
4	0.91000	10.45	23.67	11.96	34.12	22.41	56.00	46.00	-21.88	-23.59
5	2.98200	10.49	27.21	17.07	37.70	27.56	56.00	46.00	-18.30	-18.44
6	5.10600	10.57	27.99	15.64	38.56	26.21	60.00	50.00	-21.44	-23.79

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



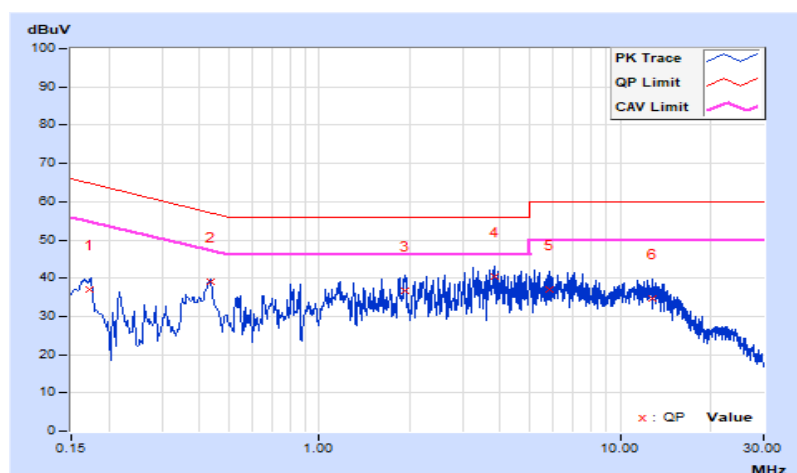
Test Mode B

RF Mode	802.11ax (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	120 Vac, 60 Hz	Environmental Conditions	22°C, 64% RH
Tested By	Vincent 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	0.17338	10.33	26.64	18.81	36.97	29.14	64.80	54.80	-27.83	-25.66
2	0.43714	10.42	28.65	22.05	39.07	32.47	57.12	47.12	-18.05	-14.65
3	1.93000	10.42	26.36	15.04	36.78	25.46	56.00	46.00	-19.22	-20.54
4	3.80600	10.51	29.96	18.26	40.47	28.77	56.00	46.00	-15.53	-17.23
5	5.85800	10.54	26.53	17.16	37.07	27.70	60.00	50.00	-22.93	-22.30
6	12.81400	10.62	24.18	12.80	34.80	23.42	60.00	50.00	-25.20	-26.58

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

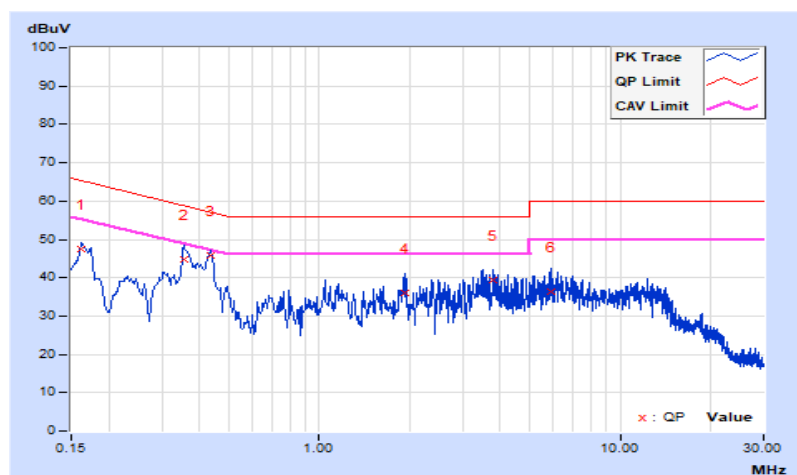


RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	150 kHz ~ 30 MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120 Vac, 60 Hz	Environmental Conditions	22°C, 64% RH
Tested By	Vincent Chen		

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	0.16200	10.34	36.97	31.09	47.31	41.43	65.36	55.36	-18.05	-13.93
2	0.35400	10.42	34.38	27.15	44.80	37.57	58.87	48.87	-14.07	-11.30
3	0.43484	10.44	35.38	29.51	45.82	39.95	57.16	47.16	-11.34	-7.21
4	1.93000	10.44	25.43	15.67	35.87	26.11	56.00	46.00	-20.13	-19.89
5	3.79800	10.54	28.93	18.13	39.47	28.67	56.00	46.00	-16.53	-17.33
6	5.87400	10.58	25.86	17.72	36.44	28.30	60.00	50.00	-23.56	-21.70

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



7.9 Unwanted Emissions below 1 GHz

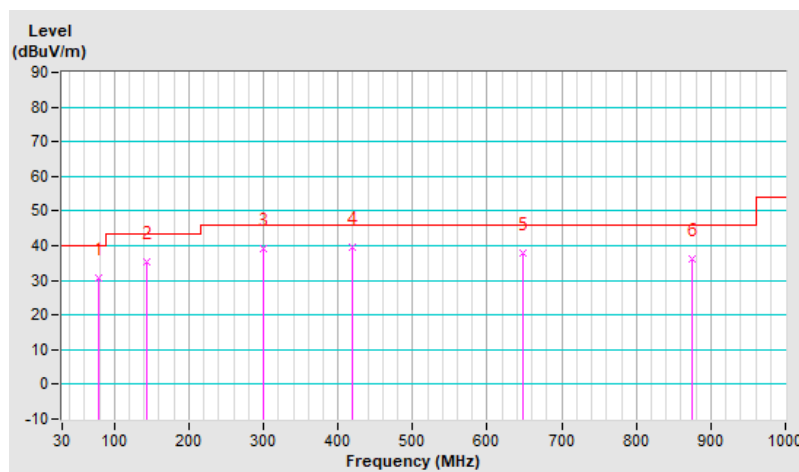
Test Mode A

RF Mode	802.11a	Channel	CH 45 : 6175 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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	78.42	30.7 QP	40.0	-9.3	1.50 H	16	47.7	-17.0
2	144.28	35.4 QP	43.5	-8.1	1.50 H	274	48.3	-12.9
3	299.51	39.1 QP	46.0	-6.9	1.50 H	208	51.2	-12.1
4	420.03	39.7 QP	46.0	-6.3	2.00 H	254	48.8	-9.1
5	647.82	38.0 QP	46.0	-8.0	1.00 H	178	42.1	-4.1
6	875.42	36.2 QP	46.0	-9.8	1.00 H	169	37.0	-0.8

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

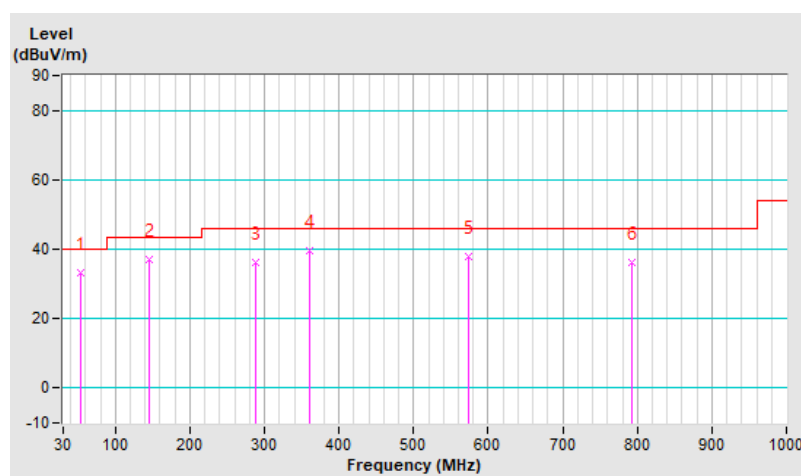


RF Mode	802.11a	Channel	CH 45 : 6175 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent Chen		

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	53.32	33.4 QP	40.0	-6.6	1.50 V	234	45.9	-12.5
2	144.58	36.9 QP	43.5	-6.6	1.50 V	57	49.7	-12.8
3	288.19	36.2 QP	46.0	-9.8	2.00 V	241	48.5	-12.3
4	359.72	39.6 QP	46.0	-6.4	2.00 V	241	50.4	-10.8
5	574.23	38.0 QP	46.0	-8.0	1.50 V	225	43.7	-5.7
6	792.34	36.3 QP	46.0	-9.7	1.00 V	214	37.3	-1.0

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.



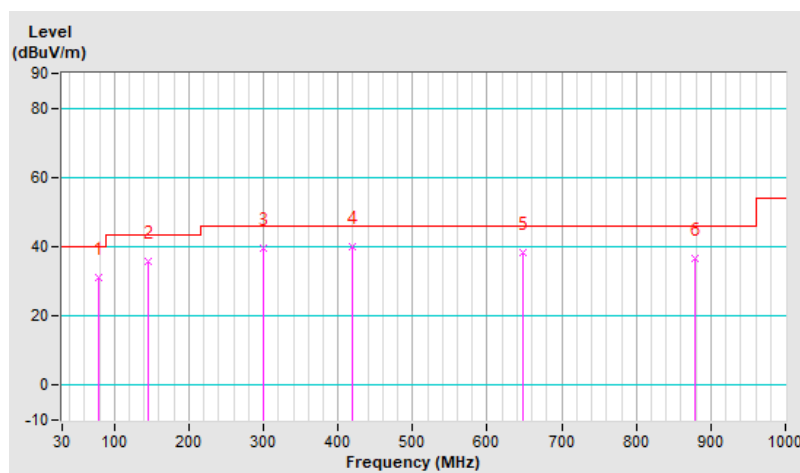
Test Mode B

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	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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	78.50	30.9 QP	40.0	-9.1	2.00 H	2	47.9	-17.0
2	144.46	35.8 QP	43.5	-7.7	1.00 H	224	48.6	-12.8
3	299.66	39.4 QP	46.0	-6.6	1.00 H	64	51.5	-12.1
4	419.94	39.9 QP	46.0	-6.1	2.00 H	333	49.0	-9.1
5	647.89	38.3 QP	46.0	-7.7	1.00 H	264	42.4	-4.1
6	877.78	36.5 QP	46.0	-9.5	1.50 H	143	37.4	-0.9

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

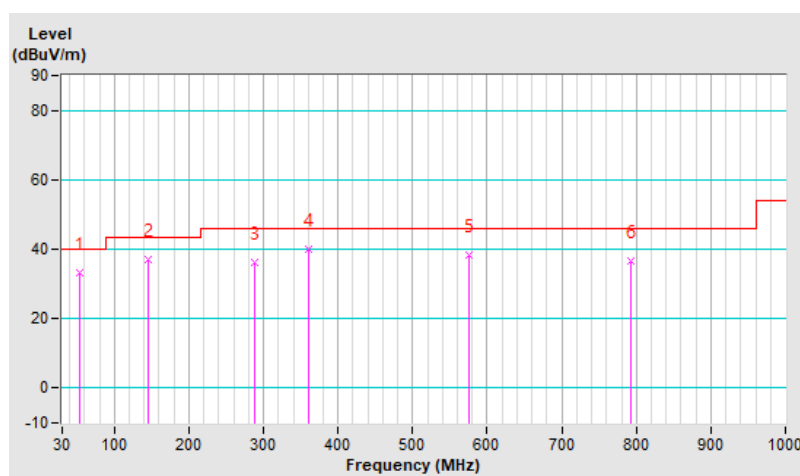


RF Mode	802.11ax (HE160)	Channel	CH 15 : 6025 MHz
Frequency Range	30 MHz ~ 1 GHz	Detector Function & Bandwidth	QP: RB=120kHz, DET=Quasi-Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent Chen		

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	53.28	33.4 QP	40.0	-6.6	1.00 V	17	45.9	-12.5
2	144.46	36.9 QP	43.5	-6.6	1.00 V	67	49.7	-12.8
3	288.02	36.3 QP	46.0	-9.7	1.50 V	104	48.6	-12.3
4	359.80	39.8 QP	46.0	-6.2	1.00 V	304	50.6	-10.8
5	576.11	38.3 QP	46.0	-7.7	2.00 V	178	43.9	-5.6
6	792.42	36.6 QP	46.0	-9.4	2.00 V	245	37.6	-1.0

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.



7.10 Unwanted Emissions above 1 GHz

Test Mode A

RF Mode	802.11a	Channel	CH 2 : 5935 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	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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	81.3 PK	88.2	-6.9	1.73 H	206	76.8	4.5
2	#5925.00	65.7 AV	68.2	-2.5	1.73 H	206	61.2	4.5
3	*5935.00	107.8 PK			1.72 H	202	65.7	42.1
4	*5935.00	98.0 AV			1.72 H	202	55.9	42.1
5	11870.00	59.6 PK	74.0	-14.4	2.53 H	123	49.6	10.0
6	11870.00	46.9 AV	54.0	-7.1	2.53 H	123	36.9	10.0
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	80.3 PK	88.2	-7.9	3.51 V	200	75.8	4.5
2	#5925.00	63.3 AV	68.2	-4.9	3.51 V	200	58.8	4.5
3	*5935.00	105.5 PK			3.56 V	207	63.4	42.1
4	*5935.00	95.8 AV			3.56 V	207	53.7	42.1
5	11870.00	58.5 PK	74.0	-15.5	1.62 V	105	48.5	10.0
6	11870.00	45.3 AV	54.0	-8.7	1.62 V	105	35.3	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.
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=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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	68.9 PK	88.2	-19.3	1.62 H	193	64.4	4.5
2	#5925.00	53.0 AV	68.2	-15.2	1.62 H	193	48.5	4.5
3	*5955.00	113.2 PK			1.68 H	202	71.0	42.2
4	*5955.00	103.3 AV			1.68 H	202	61.1	42.2
5	11910.00	59.3 PK	74.0	-14.7	2.47 H	112	49.4	9.9
6	11910.00	47.0 AV	54.0	-7.0	2.47 H	112	37.1	9.9
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	#5925.00	66.6 PK	88.2	-21.6	1.31 V	224	62.1	4.5
2	#5925.00	51.0 AV	68.2	-17.2	1.31 V	224	46.5	4.5
3	*5955.00	111.3 PK			1.35 V	221	69.1	42.2
4	*5955.00	101.1 AV			1.35 V	221	58.9	42.2
5	11910.00	58.6 PK	74.0	-15.4	2.89 V	120	48.7	9.9
6	11910.00	46.8 AV	54.0	-7.2	2.89 V	120	36.9	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.
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 45 : 6175 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	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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	*6175.00	116.7 PK			1.55 H	181	72.3	44.4
2	*6175.00	107.0 AV			1.55 H	181	62.6	44.4
3	12350.00	61.5 PK	74.0	-12.5	2.47 H	231	50.9	10.6
4	12350.00	49.0 AV	54.0	-5.0	2.47 H	231	38.4	10.6
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	*6175.00	112.7 PK			1.00 V	334	68.3	44.4
2	*6175.00	102.7 AV			1.00 V	334	58.3	44.4
3	12350.00	60.9 PK	74.0	-13.1	2.32 V	157	50.3	10.6
4	12350.00	48.5 AV	54.0	-5.5	2.32 V	157	37.9	10.6

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.

RF Mode	802.11a	Channel	CH 93 : 6415 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	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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	*6415.00	116.3 PK			1.50 H	187	70.9	45.4
2	*6415.00	106.6 AV			1.50 H	187	61.2	45.4
3	#12830.00	61.1 PK	88.2	-27.1	2.29 H	285	50.2	10.9
4	#12830.00	49.0 AV	68.2	-19.2	2.29 H	285	38.1	10.9
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	*6415.00	114.5 PK			1.54 V	143	69.1	45.4
2	*6415.00	104.5 AV			1.54 V	143	59.1	45.4
3	#12830.00	60.4 PK	88.2	-27.8	1.87 V	209	49.5	10.9
4	#12830.00	48.5 AV	68.2	-19.7	1.87 V	209	37.6	10.9

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 117 : 6535 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	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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	*6535.00	116.9 PK			1.46 H	168	71.0	45.9
2	*6535.00	107.1 AV			1.46 H	168	61.2	45.9
3	#13070.00	59.9 PK	88.2	-28.3	2.09 H	102	49.3	10.6
4	#13070.00	47.7 AV	68.2	-20.5	2.09 H	102	37.1	10.6
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	*6535.00	112.6 PK			1.54 V	329	66.7	45.9
2	*6535.00	103.5 AV			1.54 V	329	57.6	45.9
3	#13070.00	59.3 PK	88.2	-28.9	2.74 V	113	48.7	10.6
4	#13070.00	47.2 AV	68.2	-21.0	2.74 V	113	36.6	10.6

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 149 : 6695 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	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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	*6695.00	115.8 PK			1.00 H	179	69.8	46.0
2	*6695.00	106.1 AV			1.00 H	179	60.1	46.0
3	13390.00	62.0 PK	74.0	-12.0	2.71 H	205	50.6	11.4
4	13390.00	49.6 AV	54.0	-4.4	2.71 H	205	38.2	11.4
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	*6695.00	114.2 PK			2.12 V	123	68.2	46.0
2	*6695.00	104.5 AV			2.12 V	123	58.5	46.0
3	13390.00	61.7 PK	74.0	-12.3	2.78 V	263	50.3	11.4
4	13390.00	49.5 AV	54.0	-4.5	2.78 V	263	38.1	11.4

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.

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=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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	113.2 PK			2.36 H	201	66.6	46.6
2	*6855.00	104.1 AV			2.36 H	201	57.5	46.6
3	#13710.00	62.6 PK	88.2	-25.6	1.53 H	254	50.5	12.1
4	#13710.00	50.4 AV	68.2	-17.8	1.53 H	254	38.3	12.1
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	*6855.00	112.8 PK			2.00 V	118	66.2	46.6
2	*6855.00	103.7 AV			2.00 V	118	57.1	46.6
3	#13710.00	61.8 PK	88.2	-26.4	3.05 V	198	49.7	12.1
4	#13710.00	49.6 AV	68.2	-18.6	3.05 V	198	37.5	12.1

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 2 : 5935 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	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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	77.4 PK	88.2	-10.8	1.63 H	214	72.9	4.5
2	#5925.00	65.7 AV	68.2	-2.5	1.63 H	214	61.2	4.5
3	*5935.00	95.2 PK			1.65 H	202	53.1	42.1
4	*5935.00	81.9 AV			1.65 H	202	39.8	42.1
5	11870.00	59.5 PK	74.0	-14.5	2.33 H	152	49.5	10.0
6	11870.00	47.5 AV	54.0	-6.5	2.33 H	152	37.5	10.0
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	75.2 PK	88.2	-13.0	1.28 V	221	70.7	4.5
2	#5925.00	64.6 AV	68.2	-3.6	1.28 V	221	60.1	4.5
3	*5935.00	93.4 PK			1.28 V	221	51.3	42.1
4	*5935.00	79.4 AV			1.28 V	221	37.3	42.1
5	11870.00	59.2 PK	74.0	-14.8	1.96 V	140	49.2	10.0
6	11870.00	47.1 AV	54.0	-6.9	1.96 V	140	37.1	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.
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=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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	68.0 PK	88.2	-20.2	1.58 H	188	63.5	4.5
2	#5925.00	53.1 AV	68.2	-15.1	1.58 H	188	48.6	4.5
3	*5955.00	114.6 PK			1.63 H	201	72.4	42.2
4	*5955.00	101.4 AV			1.63 H	201	59.2	42.2
5	11910.00	59.5 PK	74.0	-14.5	2.06 H	154	49.6	9.9
6	11910.00	47.4 AV	54.0	-6.6	2.06 H	154	37.5	9.9
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	#5925.00	66.0 PK	88.2	-22.2	1.34 V	218	61.5	4.5
2	#5925.00	51.2 AV	68.2	-17.0	1.34 V	218	46.7	4.5
3	*5955.00	113.2 PK			1.35 V	221	71.0	42.2
4	*5955.00	99.7 AV			1.35 V	221	57.5	42.2
5	11910.00	58.3 PK	74.0	-15.7	2.34 V	188	48.4	9.9
6	11910.00	46.6 AV	54.0	-7.4	2.34 V	188	36.7	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.
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 45 : 6175 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	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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	*6175.00	115.5 PK			1.00 H	153	71.1	44.4
2	*6175.00	102.3 AV			1.00 H	153	57.9	44.4
3	12350.00	64.2 PK	74.0	-9.8	2.53 H	159	53.6	10.6
4	12350.00	50.2 AV	54.0	-3.8	2.53 H	159	39.6	10.6
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	*6175.00	113.5 PK			1.00 V	335	69.1	44.4
2	*6175.00	100.0 AV			1.00 V	335	55.6	44.4
3	12350.00	62.8 PK	74.0	-11.2	1.88 V	222	52.2	10.6
4	12350.00	49.2 AV	54.0	-4.8	1.88 V	222	38.6	10.6

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.

RF Mode	802.11ax (HE20)	Channel	CH 93 : 6415 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	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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	*6415.00	118.8 PK			1.29 H	177	73.4	45.4
2	*6415.00	105.1 AV			1.29 H	177	59.7	45.4
3	#12830.00	63.7 PK	88.2	-24.5	2.62 H	159	52.8	10.9
4	#12830.00	50.2 AV	68.2	-18.0	2.62 H	159	39.3	10.9
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	*6415.00	115.9 PK			2.24 V	330	70.5	45.4
2	*6415.00	102.5 AV			2.24 V	330	57.1	45.4
3	#12830.00	63.1 PK	88.2	-25.1	1.74 V	209	52.2	10.9
4	#12830.00	49.2 AV	68.2	-19.0	1.74 V	209	38.3	10.9

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 117 : 6535 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	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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	*6535.00	118.7 PK			1.46 H	168	72.8	45.9
2	*6535.00	105.5 AV			1.46 H	168	59.6	45.9
3	#13070.00	63.4 PK	88.2	-24.8	2.45 H	168	52.8	10.6
4	#13070.00	49.9 AV	68.2	-18.3	2.45 H	168	39.3	10.6
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	*6535.00	115.0 PK			1.55 V	329	69.1	45.9
2	*6535.00	101.6 AV			1.55 V	329	55.7	45.9
3	#13070.00	63.0 PK	88.2	-25.2	1.93 V	221	52.4	10.6
4	#13070.00	49.9 AV	68.2	-18.3	1.93 V	221	39.3	10.6

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 149 : 6695 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	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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	*6695.00	119.1 PK			1.00 H	179	73.1	46.0
2	*6695.00	105.4 AV			1.00 H	179	59.4	46.0
3	13390.00	63.5 PK	74.0	-10.5	2.52 H	157	52.1	11.4
4	13390.00	49.8 AV	54.0	-4.2	2.52 H	157	38.4	11.4
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	*6695.00	115.5 PK			1.59 V	347	69.5	46.0
2	*6695.00	102.3 AV			1.59 V	347	56.3	46.0
3	13390.00	63.7 PK	74.0	-10.3	1.94 V	234	52.3	11.4
4	13390.00	50.5 AV	54.0	-3.5	1.94 V	234	39.1	11.4

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.

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=1 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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			1.53 H	200	69.1	46.6
2	*6855.00	102.2 AV			1.53 H	200	55.6	46.6
3	#13710.00	64.5 PK	88.2	-23.7	2.46 H	155	52.4	12.1
4	#13710.00	51.2 AV	68.2	-17.0	2.46 H	155	39.1	12.1
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	*6855.00	112.3 PK			1.96 V	118	65.7	46.6
2	*6855.00	98.7 AV			1.96 V	118	52.1	46.6
3	#13710.00	64.4 PK	88.2	-23.8	1.83 V	224	52.3	12.1
4	#13710.00	51.2 AV	68.2	-17.0	1.83 V	224	39.1	12.1

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 3 : 5965 MHz
Frequency Range	1 GHz ~ 40 GHz	Detector Function & Bandwidth	PK: RB=1 MHz, VB=3 MHz, DET=Peak AV: RB=1 MHz, VB=2 kHz, DET=Peak
Input Power	120 Vac, 60 Hz	Environmental Conditions	24°C, 78% RH
Tested By	Vincent 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	64.4 PK	88.2	-23.8	1.92 H	181	59.9	4.5
2	#5925.00	60.1 AV	68.2	-8.1	1.92 H	181	55.6	4.5
3	*5965.00	112.2 PK			1.92 H	181	70.0	42.2
4	*5965.00	99.5 AV			1.92 H	181	57.3	42.2
5	11930.00	62.8 PK	74.0	-11.2	2.53 H	164	52.9	9.9
6	11930.00	49.5 AV	54.0	-4.5	2.53 H	164	39.6	9.9
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	#5925.00	75.3 PK	88.2	-12.9	2.96 V	185	70.8	4.5
2	#5925.00	59.6 AV	68.2	-8.6	2.96 V	185	55.1	4.5
3	*5965.00	110.7 PK			2.90 V	184	68.5	42.2
4	*5965.00	98.9 AV			2.90 V	184	56.7	42.2
5	11930.00	62.4 PK	74.0	-11.6	1.95 V	231	52.5	9.9
6	11930.00	49.2 AV	54.0	-4.8	1.95 V	231	39.3	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.
5. " * " : Fundamental frequency, the limit was restricted at the RF Output Power.
6. " # " : The radiated frequency is out of the restricted band.