Test mode: 802.11a				Frequency:		Channel 36: 5180MHz	
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
8072.41	V	57.37	40.57	74	54	16.63	13.43
10013.5	V	63.22	42.12	74	54	10.78	11.88
12587.6	V	64.95	46.43	74	54	9.05	7.57
8074.41	H	57.15	40.73	74	54	16.85	13.27
11113.5	H	63.11	44.18	74	54	10.89	9.82
14184.7	H	64.42	45.04	74	54	9.58	8.96

Test mode: 802.11a				Frequency:		Channel 40: 5200MHz	
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
7988.41	V	56.61	39.95	74	54	17.39	14.05
10973.5	V	62.49	44.33	74	54	11.51	9.67
14353.7	V	65.16	47.17	74	54	8.84	6.83
7535.38	H	55.50	39.81	74	54	18.50	14.19
10097.5	H	61.25	42.73	74	54	12.75	11.27
12576.6	H	64.56	46.26	74	54	9.44	7.74

Test mode: 802.11a				Frequency:		Channel 48: 5240MHz	
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
7590.38	V	56.42	39.67	74	54	17.58	14.33
10013.5	V	60.44	41.98	74	54	13.56	12.02
12564.6	V	63.88	45.85	74	54	10.12	8.15
8693.45	H	58.48	42.85	74	54	15.52	11.15
10012.5	H	61.32	42.11	74	54	12.68	11.89
12553.6	H	64.44	45.15	74	54	9.56	8.85

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor.
(3) Correct Factor= Ant_F + Cab_L - Preamp
(4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

●Undesirable radiated Undesirable radiatedSpurious Emission in Band Edge
All the antenna(Antenna 1) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1,802.11ax(HE20)) result recorded was report as below:

Test mode:	802.11ax(HE20)	Frequency:	Channel 36: 5180MHz		
Freq. (MHz)	Ant.Pol.	Field Strength (RBW=100KHz) (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Verdict
5149.35	H	43.67	-51.56	-27	Pass
5146.3438	V	44.75	-50.48	-27	Pass

Test mode:	802.11ax(HE20)	Frequency:	Channel 48: 5240MHz		
Freq. (MHz)	Ant.Pol.	Field Strength (RBW=100KHz) (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Verdict
5350.9487	H	53.62	-41.61	-27	Pass
5350.715	V	53.51	-41.72	-27	Pass

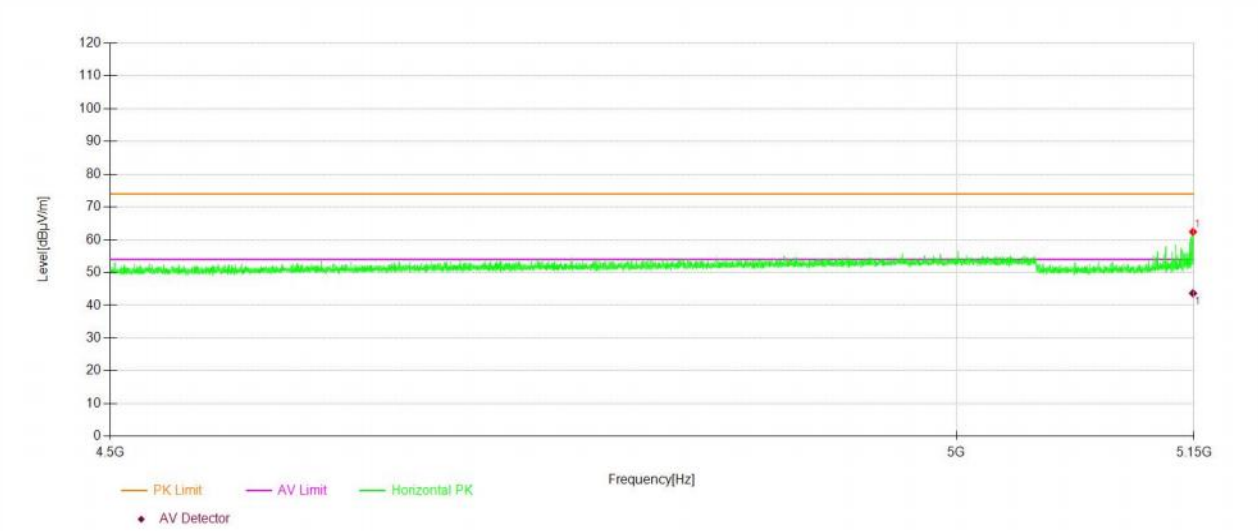
Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value(VBW=10Hz).
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.
(3)EIRP[dBm] = E[dBμV/m] + 20 log(d[meters]) - 104.77
d is the measurement distance in 3 meters

Test mode:	802.11ax(HE20)	Frequency:	Channel 36: 5180MHz		
Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5149.35	H	62.41	74.00	43.67	54.00
5146.3438	V	69.86	74.00	44.75	54.00

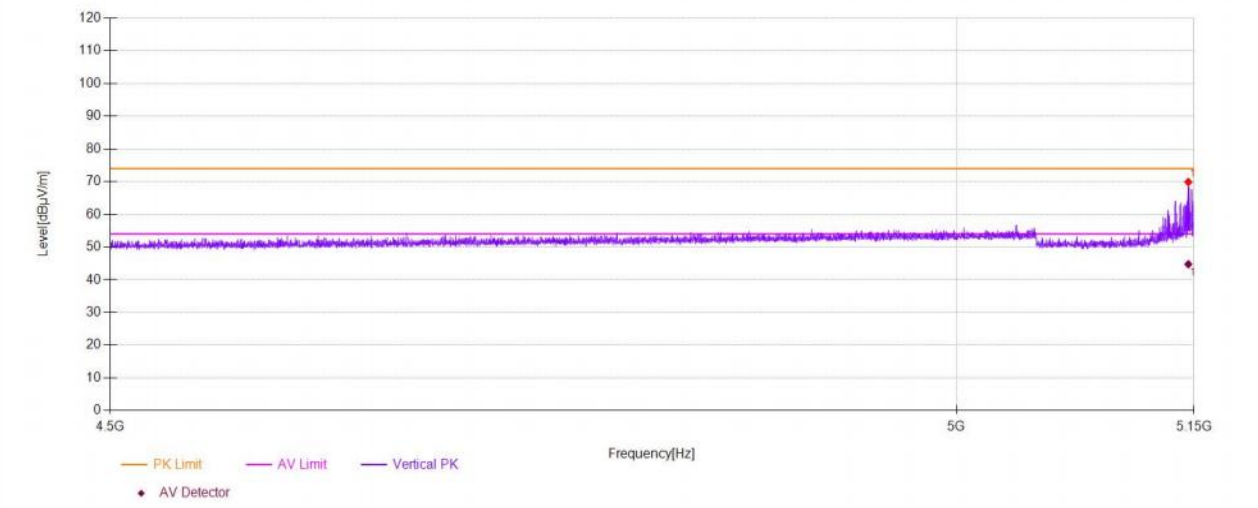
Test mode:	802.11ax(HE20)	Frequency:	Channel 48: 5240MHz		
Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5350.9487	H	53.62	74.00	45.53	54.00
5350.715	V	53.51	74.00	45.34	54.00

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor.
(3) Correct Factor= Ant_F + Cab_L - Preamp
(4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

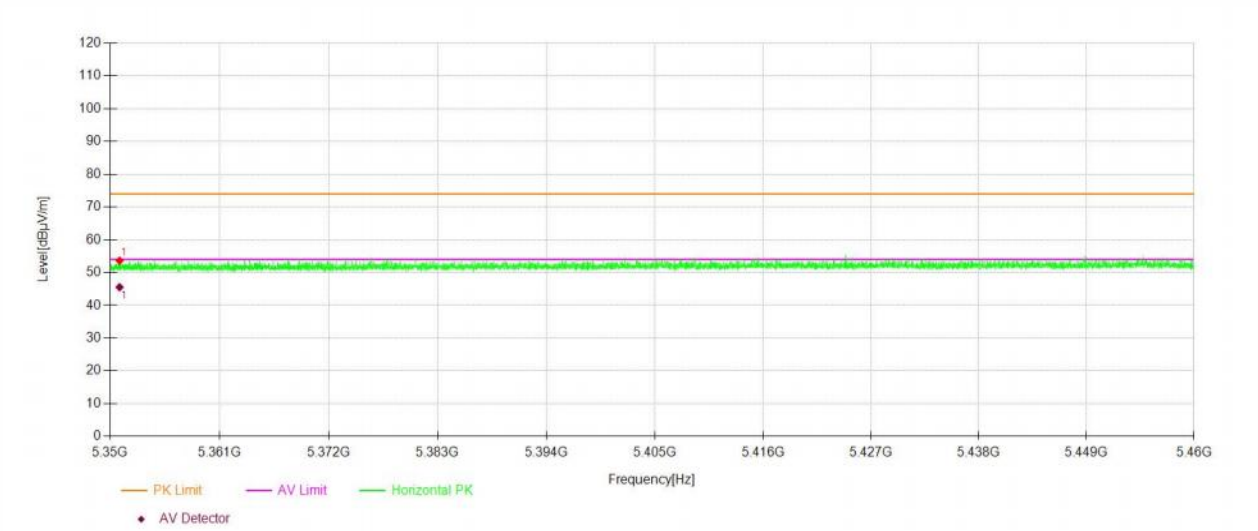
		U-NII - 1		
Test Model	Undesirable radiated Undesirable radiated		Spurious Emission in Band Edge	
	802.11ax(HE20)	Channel 36: 5180MHz	Ant.Pol	H



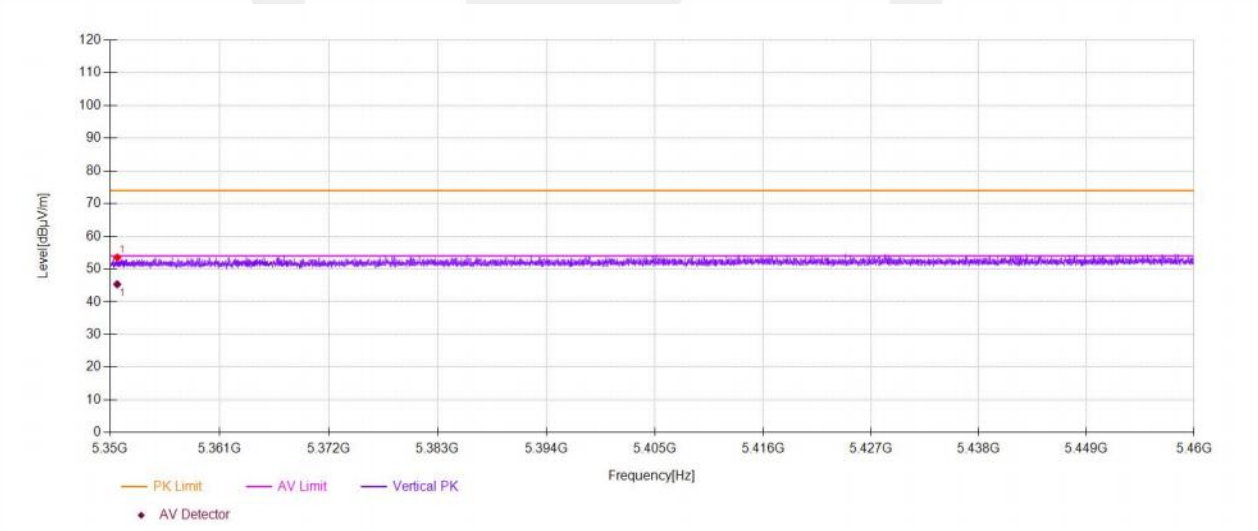
		U-NII - 1		
Test Model	Undesirable radiated Undesirable radiated		Spurious Emission in Band Edge	
	802.11ax(HE20)	Channel 36: 5180MHz	Ant.Pol	V



		U-NII - 1		
Test Model	Undesirable radiated Undesirable radiated	Spurious Emission in Band Edge		
	802.11ax(HE20)	Channel 48: 5240MHz	Ant.Pol	H



		U-NII - 1		
Test Model	Undesirable radiated Undesirable radiated	Spurious Emission in Band Edge		
	802.11ax(HE20)	Channel 48: 5240MHz	Ant.Pol	V



■ For Undesirable RadiatedSpurious Emission in U-NII -2A

●Undesirable radiated Spurious Emission Above 1GHz(1GHz to 40GHz)

All the antenna(Antenna 1) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1,802.11a) result recorded was report as below:

Test mode:	802.11a	Frequency:	Channel 52: 5260MHz		
Freq. (MHz)	Ant.Pol.	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8697.4528	V	58.04	-37.19	-27	10.19
10058.5329	V	60.71	-34.52	-27	7.52
12584.6815	V	64.37	-30.86	-27	3.86
8108.4181	H	57.53	-37.7	-27	10.7
9993.529	H	60.66	-34.57	-27	7.57
14219.7776	H	63.77	-31.46	-27	4.46

Test mode:	802.11a	Frequency:	Channel 56: 5280MHz		
Freq. (MHz)	Ant.Pol.	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8065.4156	V	57.17	-38.06	-27	11.06
10058.5329	V	62.18	-33.05	-27	6.05
14228.7782	V	65.13	-30.1	-27	3.1
7794.3997	H	55.87	-39.36	-27	12.36
9996.5292	H	61.49	-33.74	-27	6.74
12753.6914	H	63.96	-31.27	-27	4.27

Test mode:	802.11a	Frequency:	Channel 64: 5320MHz		
Freq. (MHz)	Ant.Pol.	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
7910.4065	V	57.27	-37.96	-27	10.96
10048.5323	V	62.17	-33.06	-27	6.06
12584.6815	V	65.09	-30.14	-27	3.14
8096.4174	H	57.36	-37.87	-27	10.87
9984.5285	H	61.10	-34.13	-27	7.13
12758.6917	H	64.13	-31.1	-27	4.1

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value(VBW=10Hz).
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.
(3)EIRP[dBm] = E[dBμV/m] + 20 log(d[meters]) - 104.77
d is the measurement distance in 3 meters

Test mode: 802.11a	Frequency:	Channel 52: 5260MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
8697.45	V	58.04	42.70	74	54	15.96	11.30
10058.5	V	60.71	42.56	74	54	13.29	11.44
12584.6	V	64.37	46.38	74	54	9.63	7.62
8108.41	H	57.53	40.74	74	54	16.47	13.26
9993.52	H	60.66	41.54	74	54	13.34	12.46
14219.7	H	63.77	45.90	74	54	10.23	8.10

Test mode: 802.11a	Frequency:	Channel 56: 5280MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
8065.41	V	57.17	40.43	74	54	16.83	13.57
10058.5	V	62.18	42.54	74	54	11.82	11.46
14228.7	V	65.13	46.50	74	54	8.87	7.50
7794.39	H	55.87	39.38	74	54	18.13	14.62
9996.52	H	61.49	42.30	74	54	12.51	11.70
12753.6	H	63.96	44.94	74	54	10.04	9.06

Test mode: 802.11a	Frequency:	Channel 64: 5320MHz

Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
7910.40	V	57.27	39.78	74	54	16.73	14.22
10048.5	V	62.17	41.87	74	54	11.83	12.13
12584.6	V	65.09	45.99	74	54	8.91	8.01
8096.41	H	57.36	40.92	74	54	16.64	13.08
9984.52	H	61.10	41.90	74	54	12.90	12.10
12758.6	H	64.13	45.73	74	54	9.87	8.27

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor.
(3) Correct Factor= Ant_F + Cab_L - Preamp
(4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

●Undesirable radiated Undesirable radiatedSpurious Emission in Band Edge
All the antenna(Antenna 1&2) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1,802.11ax(HE20)) result recorded was report as below:

Test mode:	802.11ax(HE20)	Frequency:	Channel 52: 5260MHz

Freq. (MHz)	Ant.Pol.	Field Strength (RBW=100KHz) (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Verdict
5149.4312	H	53.42	-41.81	-27	Pass
5147.4812	V	54.18	-41.05	-27	Pass

Test mode:	802.11ax(HE20)	Frequency:	Channel 64: 5320MHz

Freq. (MHz)	Ant.Pol.	Field Strength (RBW=100KHz) (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Verdict
5351.7875	H	50.32	-44.91	-27	Pass
5352.4062	V	49.95	-45.28	-27	Pass

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value(VBW=10Hz).
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.
(3)EIRP[dBm] = E[dBμV/m] + 20 log(d[meters]) - 104.77
d is the measurement distance in 3 meters

Test mode:	802.11ax(HE20)	Frequency:	Channel 52: 5260MHz

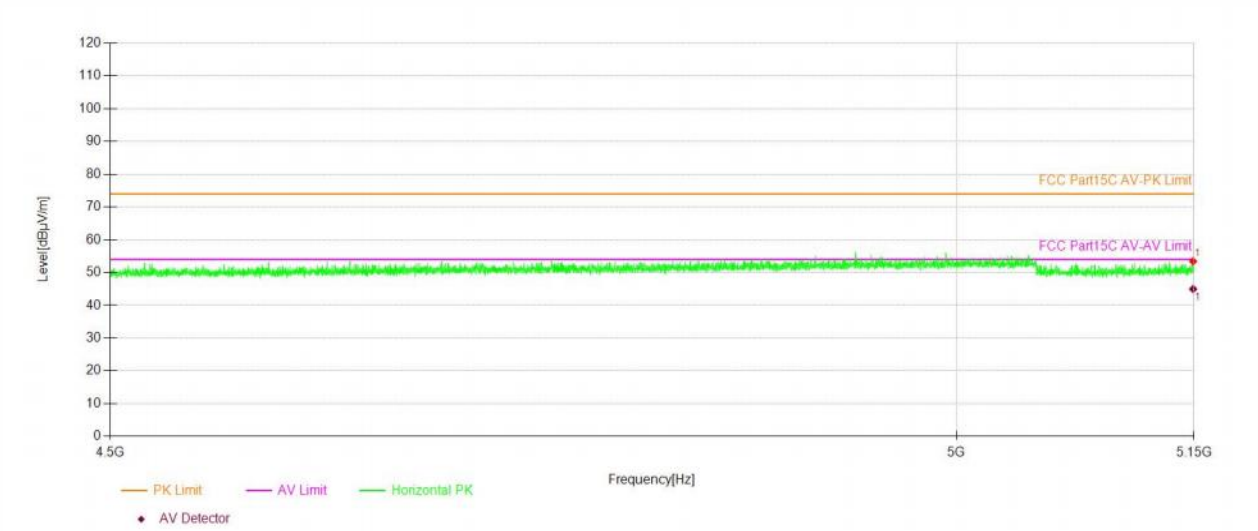
Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5149.4312	H	53.42	74.00	44.97	54.00
5147.4812	V	54.18	74.00	44.70	54.00

Test mode:	802.11ax(HE20)	Frequency:	Channel 64: 5320MHz

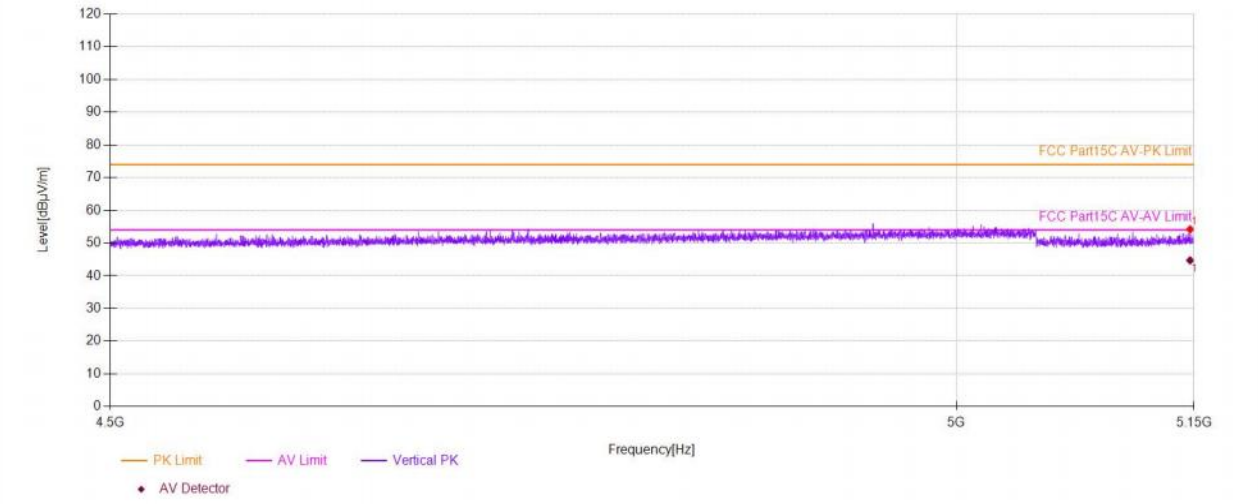
Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5351.7875	H	71.08	74.00	50.32	54.00
5352.4062	V	71.98	74.00	49.95	54.00

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor.
(3) Correct Factor= Ant_F + Cab_L - Preamp
(4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

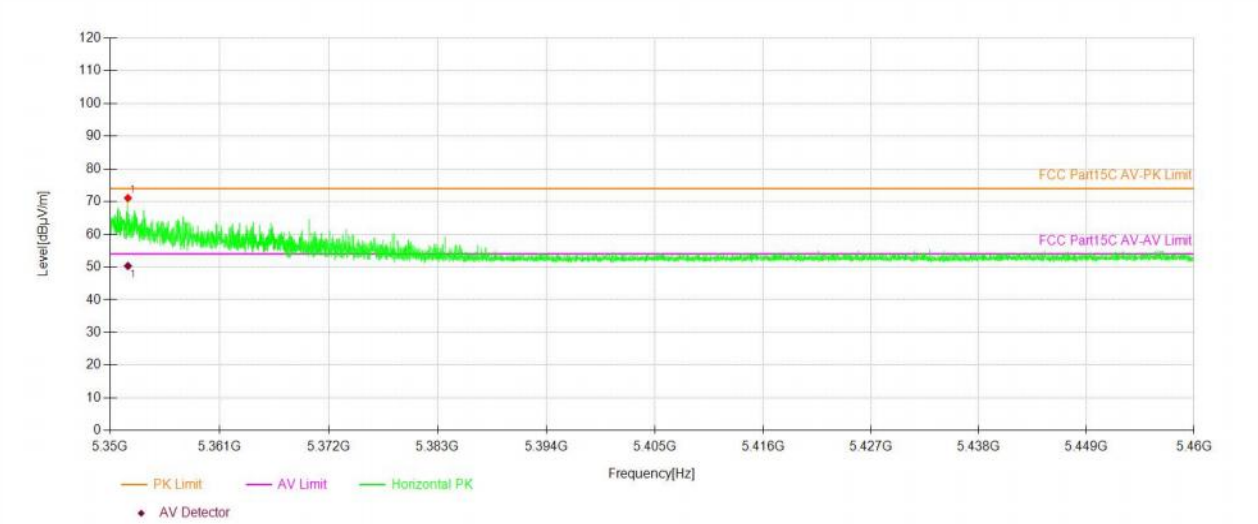
		U-NII -2A		
Test Model	Undesirable radiated	Undesirable radiated	Spurious Emission in Band Edge	
	802.11ax(HE20)	Channel 52: 5260MHz	Ant.Pol	H



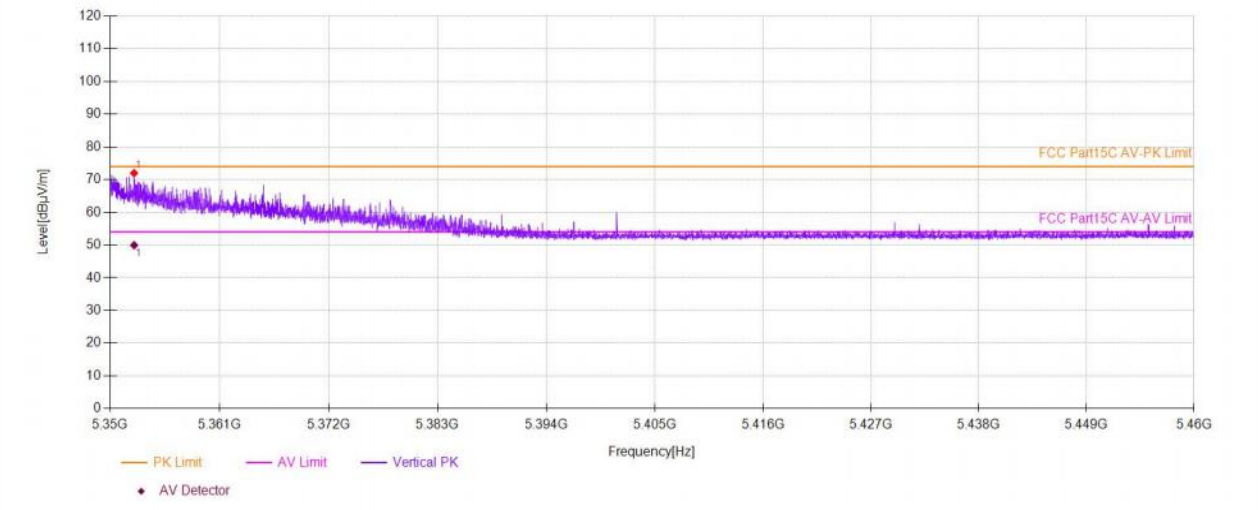
		U-NII -2A		
Test Model	Undesirable radiated	Undesirable radiated	Spurious Emission in Band Edge	
	802.11ax(HE20)	Channel 52: 5260MHz	Ant.Pol	V



U-NII -2A				
Test Model	Undesirable radiated Undesirable radiated	Spurious Emission in Band Edge		
	802.11ax(HE20)	Channel 64: 5320MHz	Ant.Pol	H



U-NII -2A				
Test Model	Undesirable radiated Undesirable radiated	Spurious Emission in Band Edge		
	802.11ax(HE20)	Channel 64: 5320MHz	Ant.Pol	V



■ For Undesirable radiatedSpurious Emission in U-NII -2C

●Undesirable radiated Spurious Emission Above 1GHz(1GHz to 40GHz)

All the antenna(Antenna 1) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1,802.11a) result recorded was report as below:

Test mode:	802.11a	Frequency:	Channel 100: 5500MHz		
Freq. (MHz)	Ant.Pol.	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
7791.3995	V	56.63	-38.6	-27	11.6
9964.5273	V	61.58	-33.65	-27	6.65
12577.681	V	64.79	-30.44	-27	3.44
8700.453	H	57.91	-37.32	-27	10.32
11141.5966	H	62.36	-32.87	-27	5.87
14180.7753	H	63.58	-31.65	-27	4.65

Test mode:	802.11a	Frequency:	Channel 116: 5580MHz		
Freq. (MHz)	Ant.Pol.	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8095.4174	V	57.27	-37.96	-27	10.96
10683.5696	V	61.85	-33.38	-27	6.38
12575.6809	V	64.22	-31.01	-27	4.01
8685.4521	H	57.90	-37.33	-27	10.33
10645.5674	H	61.73	-33.5	-27	6.5
12530.6783	H	64.60	-30.63	-27	3.63

Test mode:	802.11a	Frequency:	Channel 140: 5700MHz		
Freq. (MHz)	Ant.Pol.	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8766.4568	V	58.44	-36.79	-27	9.79
10684.5697	V	62.37	-32.86	-27	5.86
14283.7814	V	63.99	-31.24	-27	4.24
9354.4914	H	58.70	-36.53	-27	9.53
10739.5729	H	62.55	-32.68	-27	5.68
14173.7749	H	64.53	-30.7	-27	3.7

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value(VBW=10Hz).
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.
(3)EIRP[dBm] = E[dBμV/m] + 20 log(d[meters]) - 104.77
d is the measurement distance in 3 meters

Test mode: 802.11a		Frequency:		Channel 100: 5500MHz			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
7791.39	V	56.63	39.66	74	54	17.37	14.34
9964.52	V	61.58	41.43	74	54	12.42	12.57
12577.6	V	64.79	45.50	74	54	9.21	8.50
8700.45	H	57.91	42.74	74	54	16.09	11.26
11141.5	H	62.36	43.80	74	54	11.64	10.20
14180.7	H	63.58	45.78	74	54	10.42	8.22

Test mode: 802.11a		Frequency:		Channel 116: 5580MHz			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
8095.41	V	57.27	**40.94**	74	54	16.73	13.06
10683.5	V	61.85	45.14	74	54	12.15	8.86
12575.6	V	64.22	46.34	74	54	9.78	7.66
8685.45	H	57.90	42.81	74	54	16.10	11.19
10645.5	H	61.73	43.88	74	54	12.27	10.12
12530.6	H	64.60	45.55	74	54	9.40	8.45

Test mode: 802.11a		Frequency:		Channel 140: 5700MHz			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
8766.45	V	58.44	42.08	74	54	15.56	11.92
10684.5	V	62.37	45.17	74	54	11.63	8.83
14283.7	V	63.99	46.00	74	54	10.01	8.00
9354.49	H	58.70	43.75	74	54	15.30	10.25
10739.5	H	62.55	44.51	74	54	11.45	9.49
14173.7	H	64.53	45.48	74	54	9.47	8.52

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor.
(3) Correct Factor= Ant_F + Cab_L - Preamp
(4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

●Undesirable radiated Undesirable radiatedSpurious Emission in Band Edge
All the antenna(Antenna 1) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1,802.11ax(HE20)) result recorded was report as below:

Test mode:	802.11ax(HE20)	Frequency:	Channel 100: 5500MHz		
Freq. (MHz)	Ant.Pol.	Field Strength (RBW=100KHz) (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Verdict
5469.5438	H	70.25	-24.98	-27	Pass
5468.3125	V	72.71	-22.52	-27	Pass

Test mode:	802.11ax(HE20)	Frequency:	Channel 140: 5700MHz		
Freq. (MHz)	Ant.Pol.	Field Strength (RBW=100KHz) (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Verdict
5729.91	H	67.18	-28.05	-27	Pass
5725.75	V	72.79	-22.44	-27	Pass

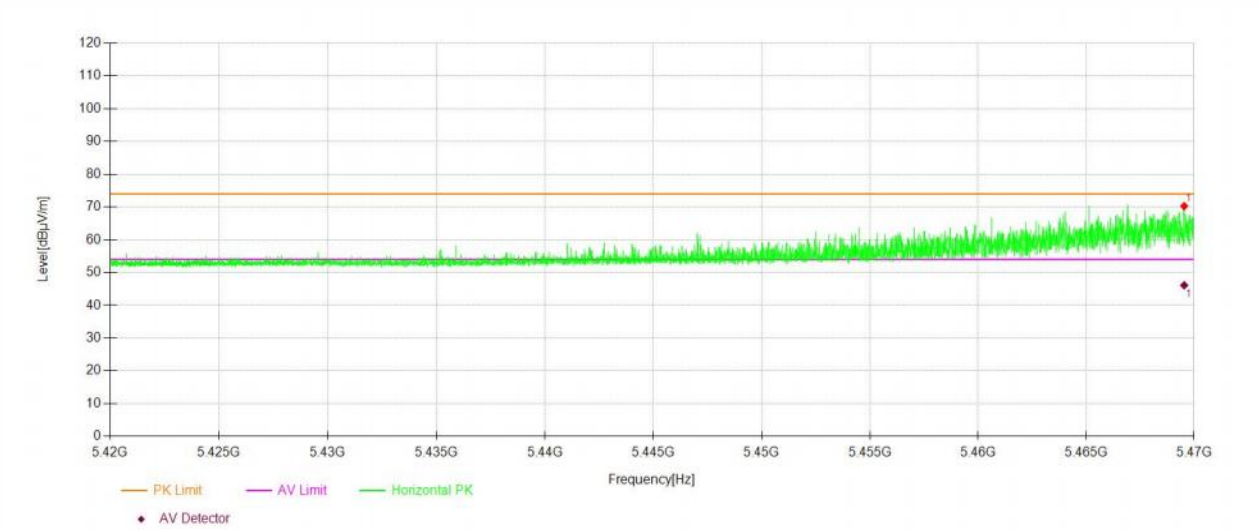
Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value(VBW=10Hz).
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.
(3)EIRP[dBm] = E[dBμV/m] + 20 log(d[meters]) - 104.77
d is the measurement distance in 3 meters

Test mode:	802.11ax(HE20)	Frequency:	Channel 100: 5500MHz		
Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5468.3125	V	72.71	74.00	46.03	54.00
5469.5438	H	70.25	74.00	46.11	54.00

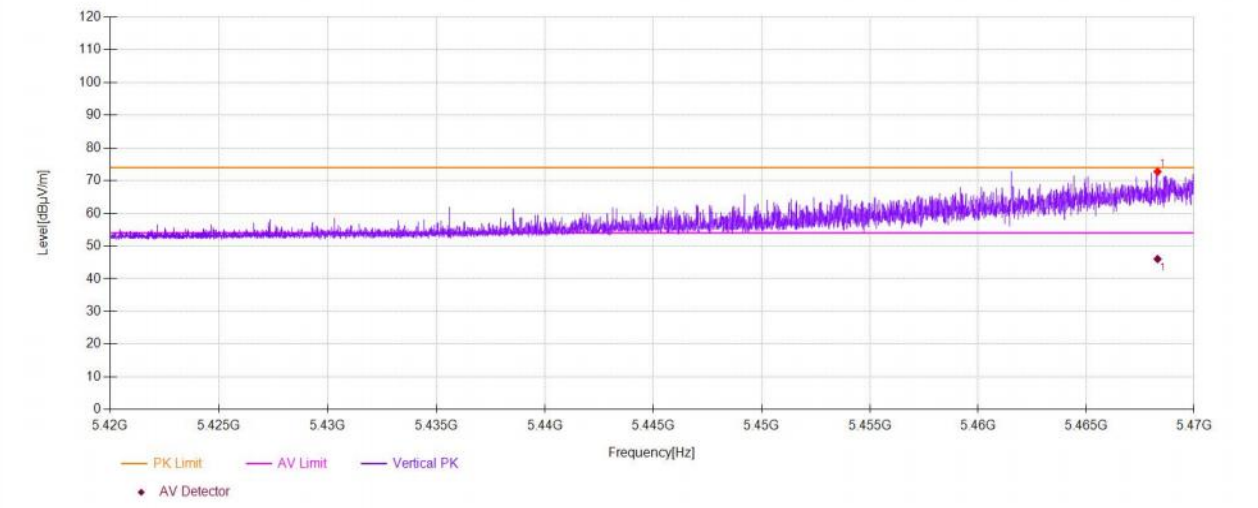
Test mode:	802.11ax(HE20)	Frequency:	Channel 140: 5700MHz		
Frequency (MHz)	Polarity	PK(dBuV/m) (VBW=3MHz)	Limit 3m (dBuV/m)	AV(dBuV/m) (VBW=10Hz)	Limit 3m (dBuV/m)
5729.9125	H	67.18	74.00	44.36	54.00
5725.75	V	72.79	74.00	45.09	54.00

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor.
(3) Correct Factor= Ant_F + Cab_L - Preamp
(4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

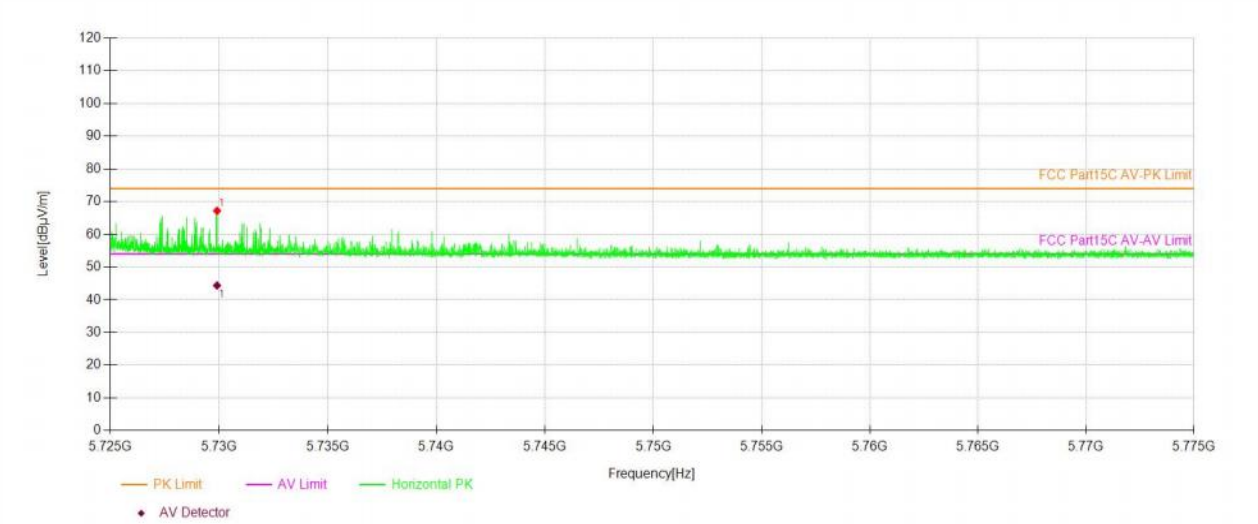
U-NII -2C				
Test Model	Undesirable radiated Undesirable radiated	Spurious Emission in Band Edge		
	802.11ax(HE20)	Channel 100: 5500MHz	Ant.Pol	H



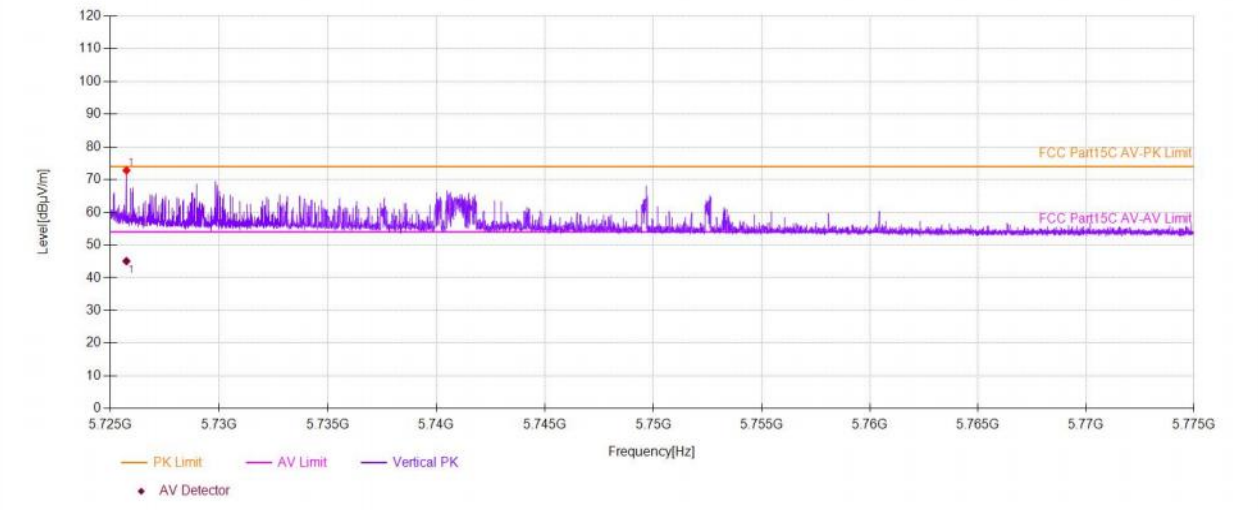
U-NII -2C				
Test Model	Undesirable radiated Undesirable radiated	Spurious Emission in Band Edge		
	802.11ax(HE20)	Channel 100: 5500MHz	Ant.Pol	V



		U-NII -2C		
Test Model	Undesirable radiated Undesirable radiated		Spurious Emission in Band Edge	
	802.11ax(HE20)	Channel 140: 5700MHz	Ant.Pol	H



		U-NII -2C		
Test Model	Undesirable radiated Undesirable radiated		Spurious Emission in Band Edge	
	802.11ax(HE20)	Channel 140: 5700MHz	Ant.Pol	V



■ For Undesirable radiated Spurious Emission in U-NII -3

●Undesirable radiated Spurious Emission Above 1GHz(1GHz to 40GHz)

All the antenna(Antenna 1) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1,802.11a) result recorded was report as below:

Test mode:	802.11a	Frequency:	Channel 149: 5745MHz		
Freq. (MHz)	Ant.Pol.	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8104.4179	V	57.68	-37.55	-27	10.55
11092.5937	V	62.86	-32.37	-27	5.37
14189.7759	V	65.20	-30.03	-27	3.03
8091.4171	H	57.02	-38.21	-27	11.21
11162.5978	H	62.67	-32.56	-27	5.56
14229.7782	H	63.76	-31.47	-27	4.47

Test mode:	802.11a	Frequency:	Channel 157: 5785MHz		
Freq. (MHz)	Ant.Pol.	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
7013.3537	V	55.16	-40.07	-27	13.07
10086.5345	V	62.81	-32.42	-27	5.42
14239.7788	V	63.90	-31.33	-27	4.33
7791.3995	H	56.53	-38.7	-27	11.7
9970.5277	H	61.17	-34.06	-27	7.06
14320.7836	H	63.68	-31.55	-27	4.55

Test mode:	802.11a	Frequency:	Channel 165: 5825MHz		
Freq. (MHz)	Ant.Pol.	Field Strength (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Over(dB)
8699.4529	V	58.01	-37.22	-27	10.22
11120.5953	V	62.79	-32.44	-27	5.44
15335.8433	V	63.56	-31.67	-27	4.67
7801.4001	H	56.25	-38.98	-27	11.98
10697.5704	H	63.21	-32.02	-27	5.02
14192.776	H	64.27	-30.96	-27	3.96

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value(VBW=10Hz).
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.
(3)EIRP[dBm] = E[dBμV/m] + 20 log(d[meters]) - 104.77
d is the measurement distance in 3 meters

Test mode: 802.11a		Frequency:		Channel 149: 5745MHz			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
8104.41	V	57.68	41.08	74	54	16.32	12.92
11092.5	V	62.86	44.52	74	54	11.14	9.48
14189.7	V	65.20	45.83	74	54	8.80	8.17
8091.41	H	57.02	40.80	74	54	16.98	13.20
11162.5	H	62.67	43.42	74	54	11.33	10.58
14229.7	H	63.76	46.11	74	54	10.24	7.89

Test mode: 802.11a		Frequency:		Channel 157: 5785MHz			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
7013.35	V	55.16	40.08	74	54	18.84	13.92
10086.5	V	62.81	42.35	74	54	11.19	11.65
14239.7	V	63.90	46.73	74	54	10.10	7.27
7791.39	H	56.53	39.76	74	54	17.47	14.24
9970.52	H	61.17	41.72	74	54	12.83	12.28
14320.7	H	63.68	47.42	74	54	10.32	6.58

Test mode:: 802.11a		Frequency:		Channel 165: 5825MHz			
Freq. (MHz)	Ant.Pol.	Emission Level(dBuV/m)		Limit 3m(dBuV/m)		Over(dB)	
	H/V	PK	AV	PK	AV	PK	AV
8699.45	V	58.01	43.19	74	54	15.99	10.81
11120.5	V	62.79	44.05	74	54	11.21	9.95
15335.8	V	63.56	43.10	74	54	10.44	10.90
7801.40	H	56.25	39.66	74	54	17.75	14.34
10697.5	H	63.21	45.34	74	54	10.79	8.66
14192.7	H	64.27	45.98	74	54	9.73	8.02

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value (VBW=10Hz).
(2) Emission Level= Reading Level+Correct Factor.
(3) Correct Factor= Ant_F + Cab_L - Preamp
(4) The reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

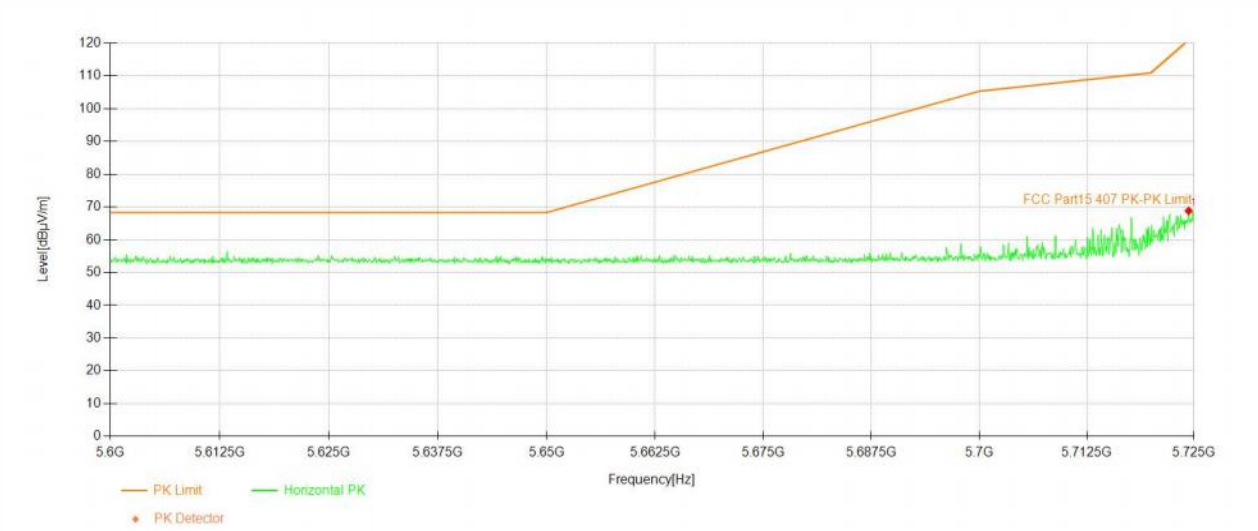
●Undesirable radiated Undesirable radiatedSpurious Emission in Band Edge
All the antenna(Antenna 1) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1,802.11ax(HE20)) result recorded was report as below:

Test mode:	802.11ax(HE20)	Frequency:	Channel 149: 5745MHz		
Freq. (MHz)	Ant.Pol.	Field Strength (RBW=100KHz) (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Verdict
5724.3747	H	68.81	-26.42	25.57	Pass
5724.7499	V	74.93	-20.3	26.43	Pass

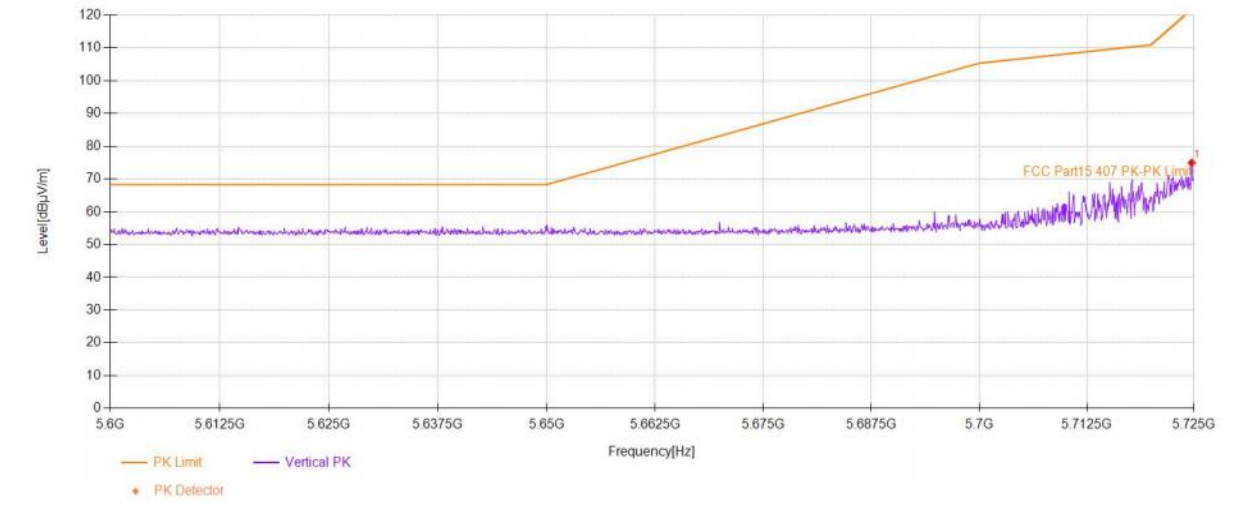
Test mode:	802.11ax(HE20)	Frequency:	Channel 165: 5825MHz		
Freq. (MHz)	Ant.Pol.	Field Strength (RBW=100KHz) (dBuV/m)	E.I.R.P (dBm)	Limit (dBm)	Verdict
5850.4377	H	70.35	-24.88	26	Pass
5856.5658	V	68.44	-26.79	15.16	Pass

Note: (1) All Readings are Peak Value (VBW=3MHz) and Average Value(VBW=10Hz).
(2) Emission Level= Reading Level+Probe Factor +Cable Loss.
(3)EIRP[dBm] = E[dBμV/m] + 20 log(d[meters]) - 104.77
d is the measurement distance in 3 meters

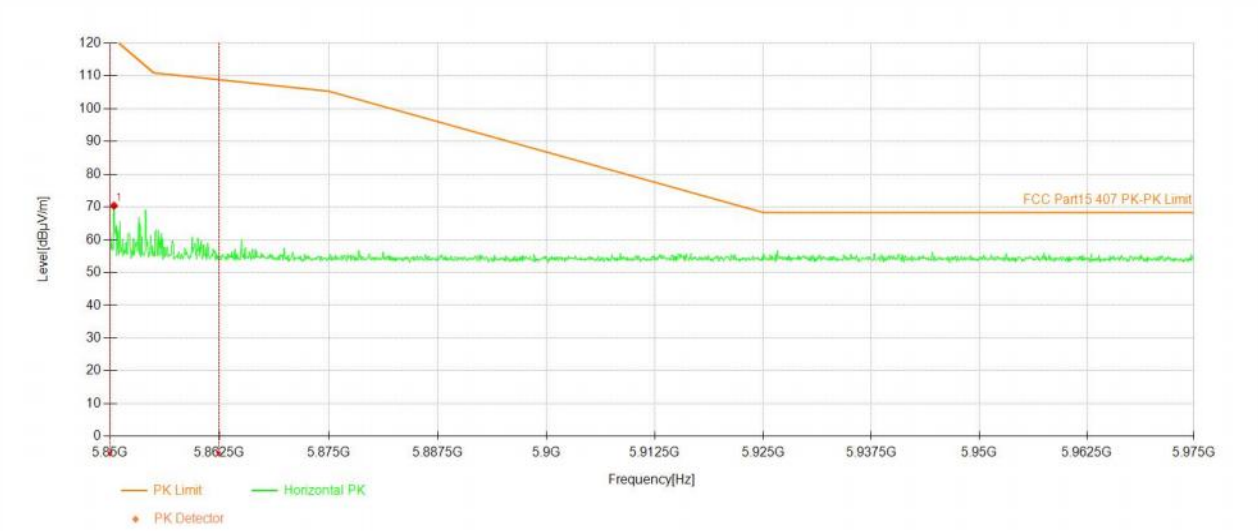
		U-NII-3		
Test Model	Undesirable radiated	Undesirable radiated	Spurious Emission in Band Edge	
	802.11ax(HE20)	Channel 149: 5745MHz	Ant.Pol	H



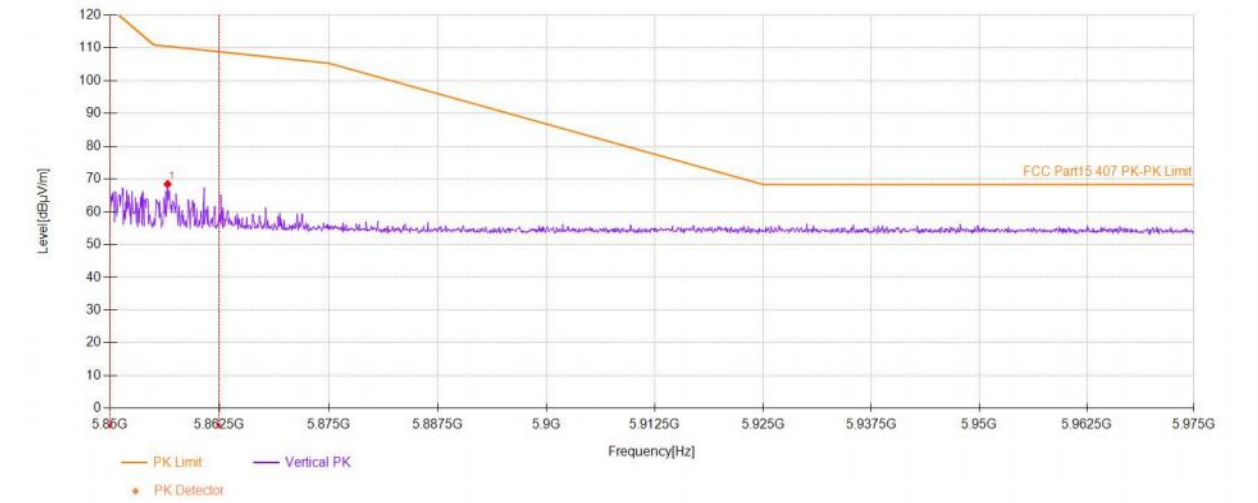
		U-NII-3		
Test Model	Undesirable radiated	Undesirable radiated	Spurious Emission in Band Edge	
	802.11ax(HE20)	Channel 149: 5745MHz	Ant.Pol	V



		U-NII-3		
Test Model	Undesirable radiated Undesirable radiated	Spurious Emission in Band Edge		
	802.11ax(HE20)	Channel 165: 5825MHz	Ant.Pol	H

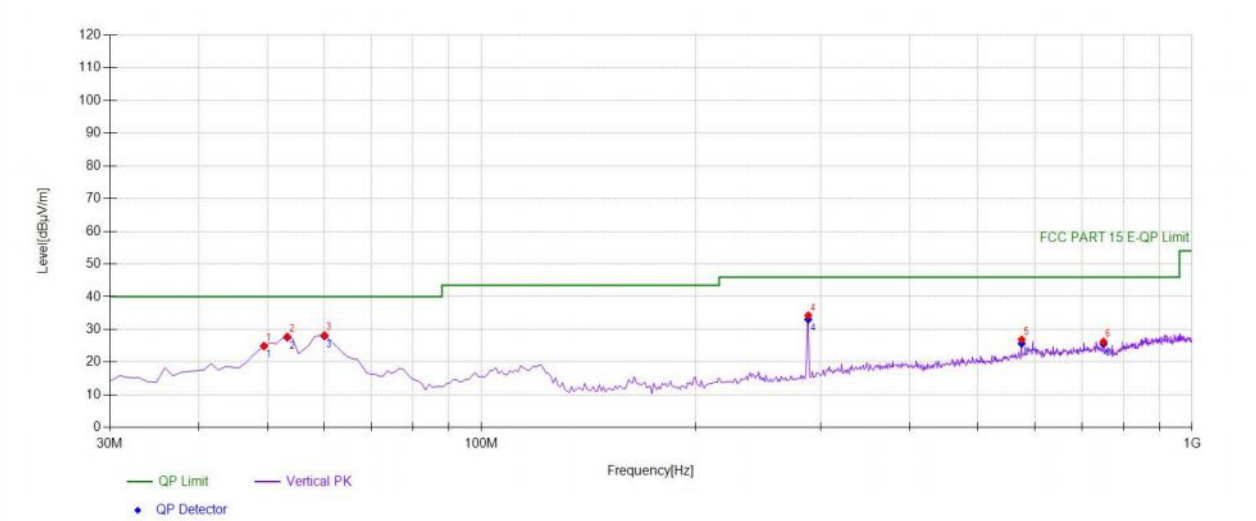


		U-NII-3		
Test Model	Undesirable radiated Undesirable radiated	Spurious Emission in Band Edge		
	802.11ax(HE20)	Channel 165: 5825MHz	Ant.Pol	V



■ Undesirable radiated Spurious Emission below 1GHz (30MHz to 1GHz)
All the antenna(Antenna 1) and modes(802.11a/n/ac/ax) has been tested and the worst(Antenna 1,802.11a) result recorded was report as below:

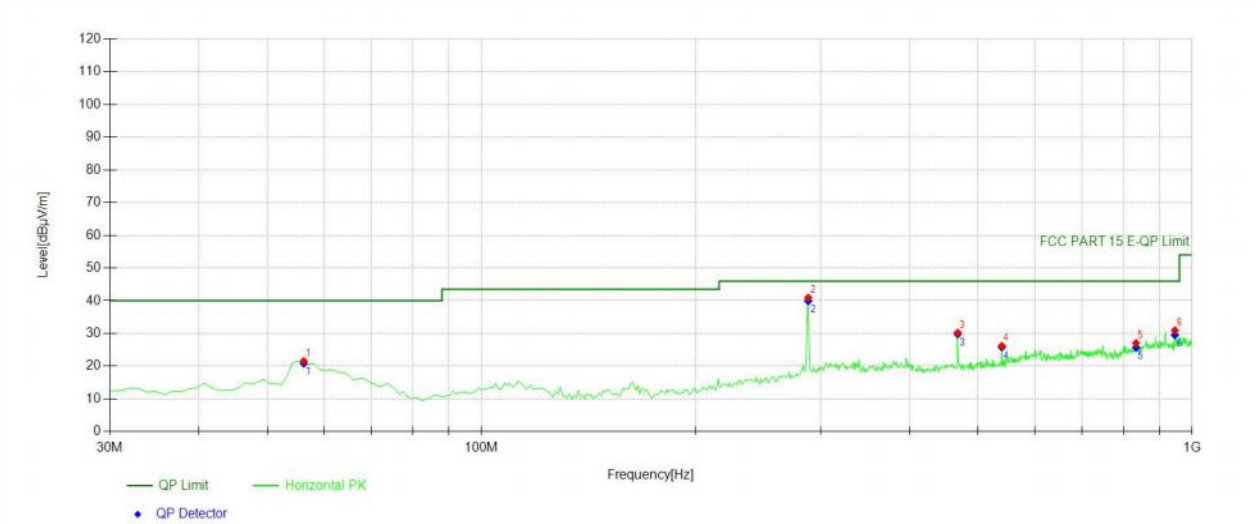
Mode:	11A 5180



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	49.4194	41.04	-16.10	24.94	PK	40.00	15.06	Vertical
2	53.3033	44.28	-16.47	27.81	PK	40.00	12.19	Vertical
3	60.1001	45.65	-17.41	28.24	PK	40.00	11.76	Vertical
4	288.278	48.73	-14.44	34.29	PK	46.00	11.71	Vertical
5	575.685	34.31	-7.40	26.91	PK	46.00	19.09	Vertical
6	750.460	32.12	-5.85	26.27	PK	46.00	19.73	Vertical

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]
1	49.4194	-16.10	24.93	40.00	15.07
2	53.3033	-16.47	27.55	40.00	12.45
3	60.1001	-17.41	27.98	40.00	12.02
4	288.2783	-14.44	33.07	46.00	12.93
5	575.6857	-7.40	25.69	46.00	20.31
6	750.4605	-5.85	25.59	46.00	20.41

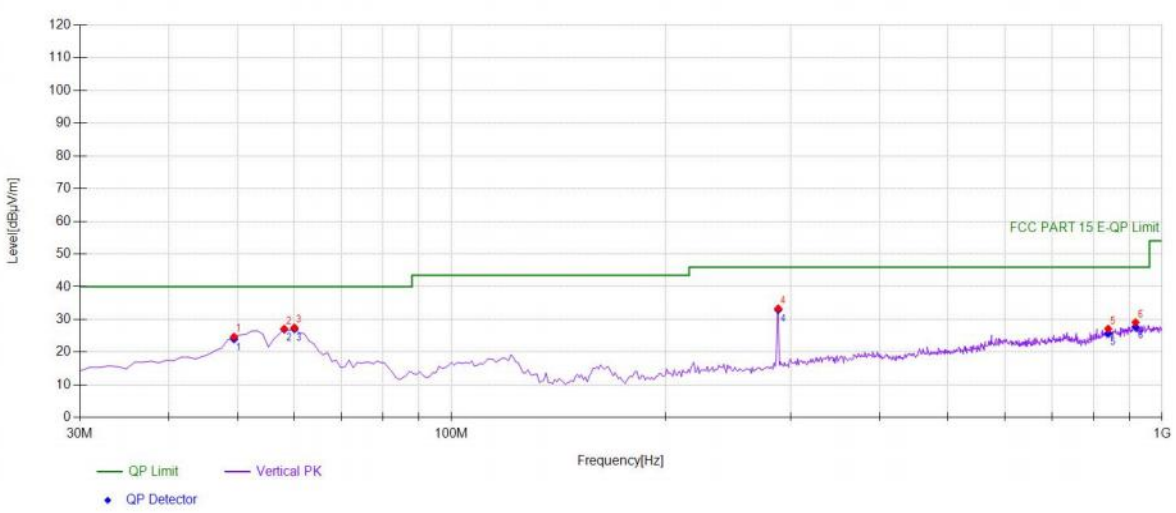
Mode:	11A 5180



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	56.2162	38.44	-16.87	21.57	PK	40.00	18.43	Horizontal
2	288.278	55.34	-14.44	40.90	PK	46.00	5.10	Horizontal
3	467.907	40.33	-10.13	30.20	PK	46.00	15.80	Horizontal
4	539.759	35.25	-9.03	26.22	PK	46.00	19.78	Horizontal
5	833.964	31.56	-4.50	27.06	PK	46.00	18.94	Horizontal
6	945.625	33.78	-2.86	30.92	PK	46.00	15.08	Horizontal

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]
1	56.2162	-16.87	20.85	40.00	19.15
2	288.2783	-14.44	39.93	46.00	6.07
3	467.9079	-10.13	29.77	46.00	16.23
4	539.7598	-9.03	25.79	46.00	20.21
5	833.964	-4.50	25.67	46.00	20.33
6	945.6256	-2.86	29.53	46.00	16.47

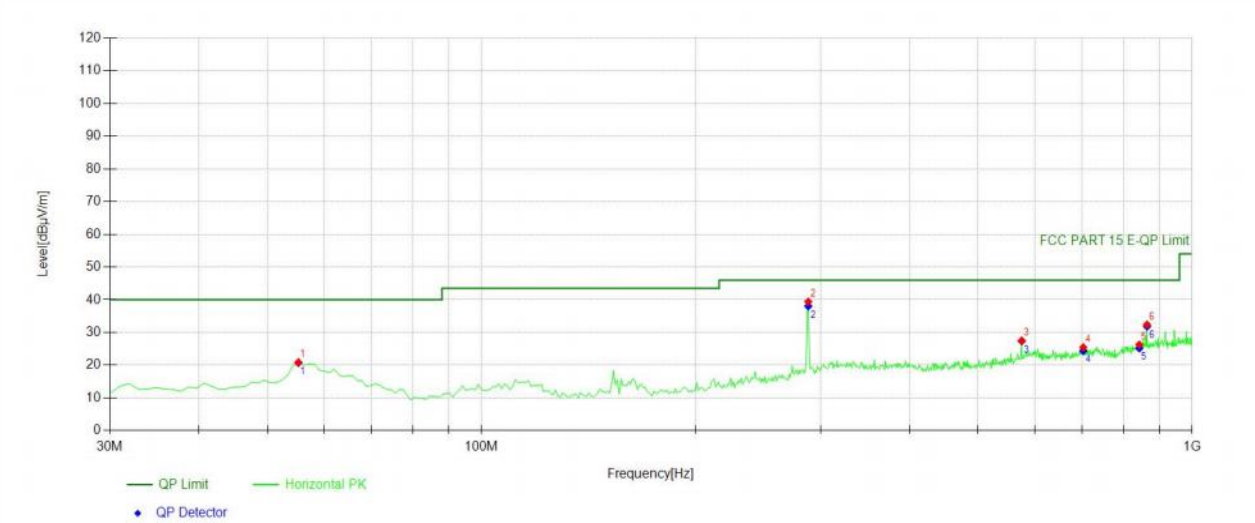
Mode:	11A 5200



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	49.4194	40.81	-16.10	24.71	PK	40.00	15.29	Vertical
2	58.1582	44.27	-17.14	27.13	PK	40.00	12.87	Vertical
3	60.1001	44.92	-17.41	27.51	PK	40.00	12.49	Vertical
4	288.278	47.80	-14.44	33.36	PK	46.00	12.64	Vertical
5	839.789	31.52	-4.37	27.15	PK	46.00	18.85	Vertical
6	917.467	31.71	-2.61	29.10	PK	46.00	16.90	Vertical

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]
1	49.4194	-16.10	24.00	40.00	16.00
2	58.1582	-17.14	26.96	40.00	13.04
3	60.1001	-17.41	27.09	40.00	12.91
4	288.2783	-14.44	32.94	46.00	13.06
5	839.7898	-4.37	25.77	46.00	20.23
6	917.4675	-2.61	27.72	46.00	18.28

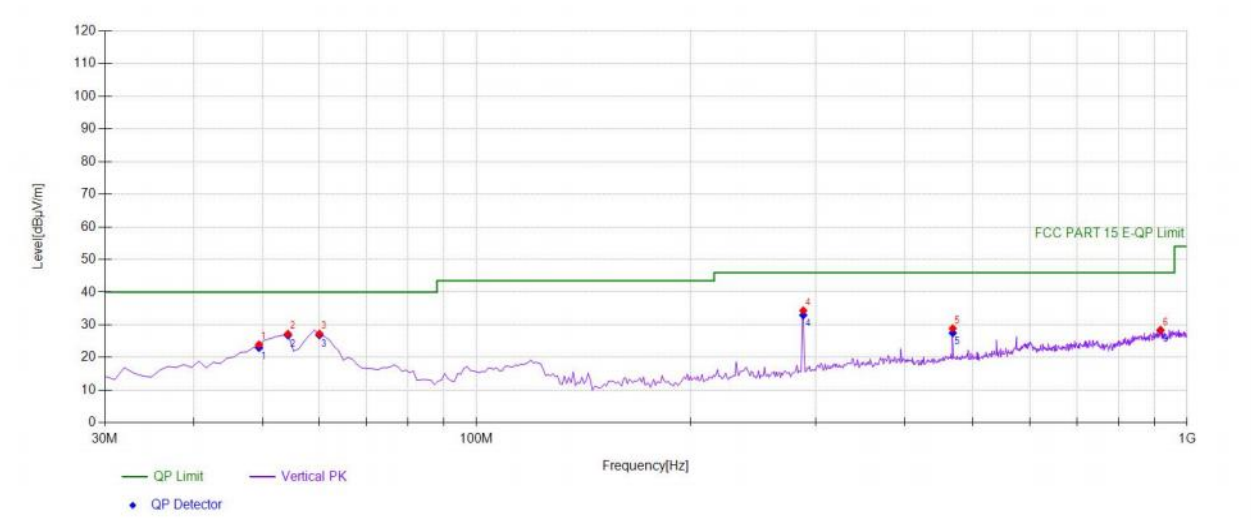
Mode:	11A 5200



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	55.2452	37.61	-16.74	20.87	PK	40.00	19.13	Horizontal
2	288.278	53.85	-14.44	39.41	PK	46.00	6.59	Horizontal
3	575.685	34.90	-7.40	27.50	PK	46.00	18.50	Horizontal
4	702.882	31.30	-5.84	25.46	PK	46.00	20.54	Horizontal
5	842.702	30.51	-4.23	26.28	PK	46.00	19.72	Horizontal
6	864.064	35.79	-3.40	32.39	PK	46.00	13.61	Horizontal

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]
1	55.2452	-16.74	20.73	40.00	19.27
2	288.2783	-14.44	38.02	46.00	7.98
3	575.6857	-7.40	27.36	46.00	18.64
4	702.8829	-5.84	24.36	46.00	21.64
5	842.7027	-4.23	25.18	46.00	20.82
6	864.0641	-3.40	31.83	46.00	14.17

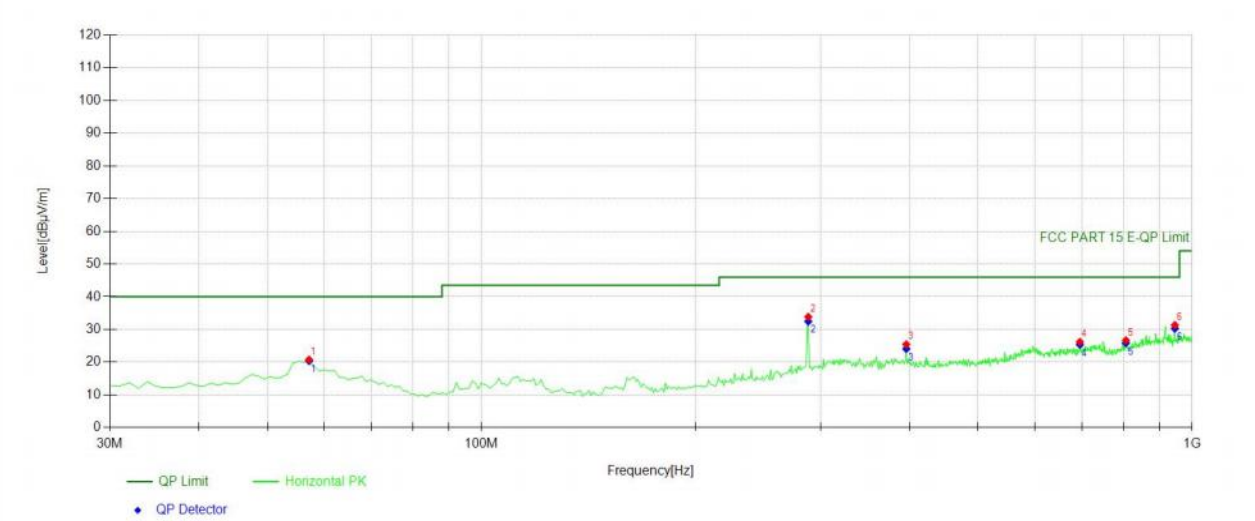
Mode:	11A 5240



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	49.4194	40.05	-16.10	23.95	PK	40.00	16.05	Vertical
2	54.2743	43.82	-16.60	27.22	PK	40.00	12.78	Vertical
3	60.1001	44.68	-17.41	27.27	PK	40.00	12.73	Vertical
4	288.278	48.82	-14.44	34.38	PK	46.00	11.62	Vertical
5	467.907	39.03	-10.13	28.90	PK	46.00	17.10	Vertical
6	917.467	31.06	-2.61	28.45	PK	46.00	17.55	Vertical

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]
1	49.4194	-16.10	22.99	40.00	17.01
2	54.2743	-16.60	26.80	40.00	13.20
3	60.1001	-17.41	26.85	40.00	13.15
4	288.2783	-14.44	32.99	46.00	13.01
5	467.9079	-10.13	27.51	46.00	18.49
6	917.4675	-2.61	28.32	46.00	17.68

Mode:	11A 5240



Suspected Data List								
NO.	Freq. [MHz]	Reading [dBµV]	Factor [dB/m]	Level [dBµV/m]	Detector	Limit [dBµV/m]	Margin [dB]	Polarity
1	57.1872	37.78	-17.00	20.78	PK	40.00	19.22	Horizontal
2	288.278	48.28	-14.44	33.84	PK	46.00	12.16	Horizontal
3	396.056	36.76	-11.31	25.45	PK	46.00	20.55	Horizontal
4	695.115	32.30	-6.10	26.20	PK	46.00	19.80	Horizontal
5	806.776	31.62	-4.95	26.67	PK	46.00	19.33	Horizontal
6	945.625	34.22	-2.86	31.36	PK	46.00	14.64	Horizontal

Final Data List					
NO.	Freq. [MHz]	Factor [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]
1	57.1872	-17.00	20.37	40.00	19.63
2	288.2783	-14.44	32.47	46.00	13.53
3	396.0561	-11.31	24.08	46.00	21.92
4	695.1151	-6.10	25.36	46.00	20.64
5	806.7768	-4.95	25.83	46.00	20.17
6	945.6256	-2.86	30.28	46.00	15.72

8.5 POWER LINE CONDUCTED EMISSIONS

8.5.1 Applicable Standard

According to FCC Part 15.207(a)
According to IC RSS-Gen 8.8

8.5.2 Conformance Limit

Conducted Emission Limit		
Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

8.5.3 Test Configuration

Test according to clause 6.3 conducted emission test setup

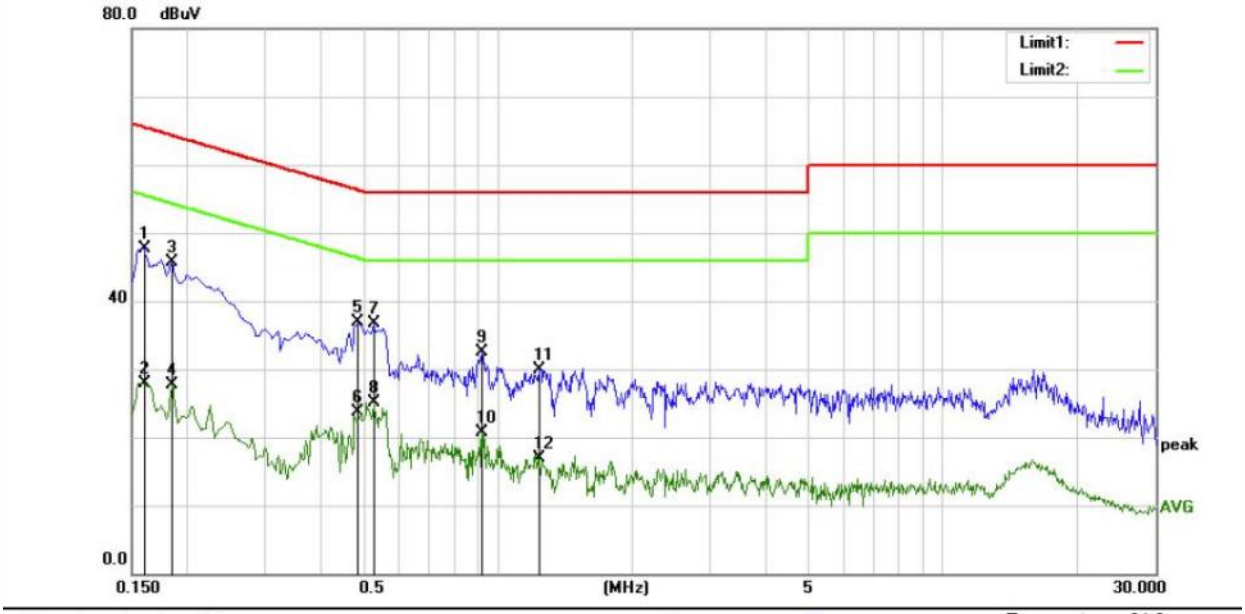
8.5.4 Test Procedure

The EUT was placed on a table which is 0.8m above ground plane.
Maximum procedure was performed on the highest emissions to ensure EUT compliance.
Repeat above procedures until all frequency measured were complete.

8.5.5 Test Results

Pass

The AC120V &240V voltage have been tested, and the worst result recorded was report as below:



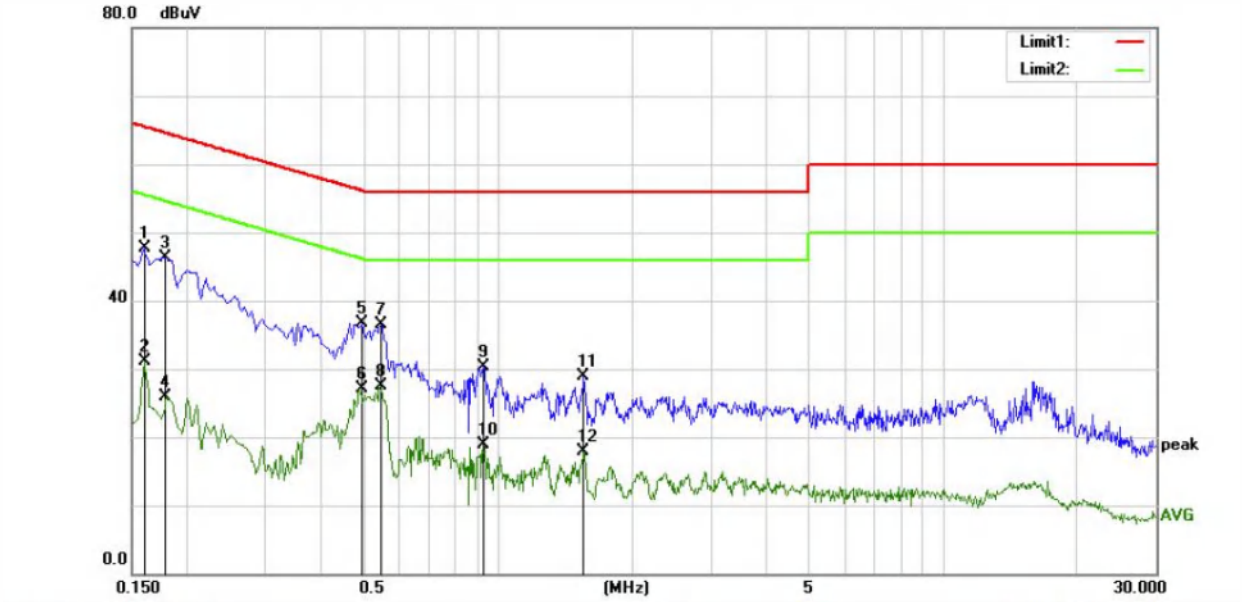
Site Conduction #1 Phase: N Temperature: 21.2

Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 55 %

Mode: WiFi

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1600	37.78	9.93	47.71	65.46	-17.75	QP	
2		0.1600	17.97	9.93	27.90	55.46	-27.56	AVG	
3		0.1850	35.72	9.91	45.63	64.26	-18.63	QP	
4		0.1850	17.86	9.91	27.77	54.26	-26.49	AVG	
5		0.4850	27.06	9.92	36.98	56.25	-19.27	QP	
6		0.4850	13.76	9.92	23.68	46.25	-22.57	AVG	
7		0.5250	26.74	9.94	36.68	56.00	-19.32	QP	
8		0.5250	15.20	9.94	25.14	46.00	-20.86	AVG	
9		0.9200	22.53	10.00	32.53	56.00	-23.47	QP	
10		0.9200	10.65	10.00	20.65	46.00	-25.35	AVG	
11		1.2400	19.96	10.02	29.98	56.00	-26.02	QP	
12		1.2400	6.82	10.02	16.84	46.00	-29.16	AVG	



Site Conduction #1 Phase: L1 Temperature: 21.2

Limit: (CE)FCC PART 15 class B_QP Power: AC 120V/60Hz Humidity: 55 %

Mode: WiFi

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1600	37.66	10.02	47.68	65.46	-17.78	QP	
2		0.1600	21.09	10.02	31.11	55.46	-24.35	AVG	
3		0.1785	36.18	10.04	46.22	64.56	-18.34	QP	
4		0.1785	15.84	10.04	25.88	54.56	-28.68	AVG	
5		0.4950	26.67	9.96	36.63	56.08	-19.45	QP	
6		0.4950	17.10	9.96	27.06	46.08	-19.02	AVG	
7		0.5450	26.48	9.96	36.44	56.00	-19.56	QP	
8		0.5450	17.45	9.96	27.41	46.00	-18.59	AVG	
9		0.9250	20.30	9.99	30.29	56.00	-25.71	QP	
10		0.9250	8.98	9.99	18.97	46.00	-27.03	AVG	
11		1.5550	18.95	9.98	28.93	56.00	-27.07	QP	
12		1.5550	7.85	9.98	17.83	46.00	-28.17	AVG	

8.6 ANTENNA APPLICATION

8.6.1 Antenna Requirement

Standard	Requirement
FCC CRF Part15.203	An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.
FCC 47 CFR Part15.407(a)	If transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.
RSS-Gen Section 6.8	The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

8.6.2 Result

PASS.

Note: ☑ Antenna use a permanently attached antenna which is not replaceable.
☐ Not using a standard antenna jack or electrical connector for antenna replacement
☐ The antenna has to be professionally installed (please provide method of installation)

Please refer to the attached documentInternal Photos to show the antenna connector.

--------- END OF REPORT --------

9 APPENDIX PHOTOGRAPHS OF EUT

Please refer to the file of External Photo and Internal Photo.

10 APPENDIX PHOTOGRAPHS OF TEST SETUP

Please refer to the file of Test Setup Photo.