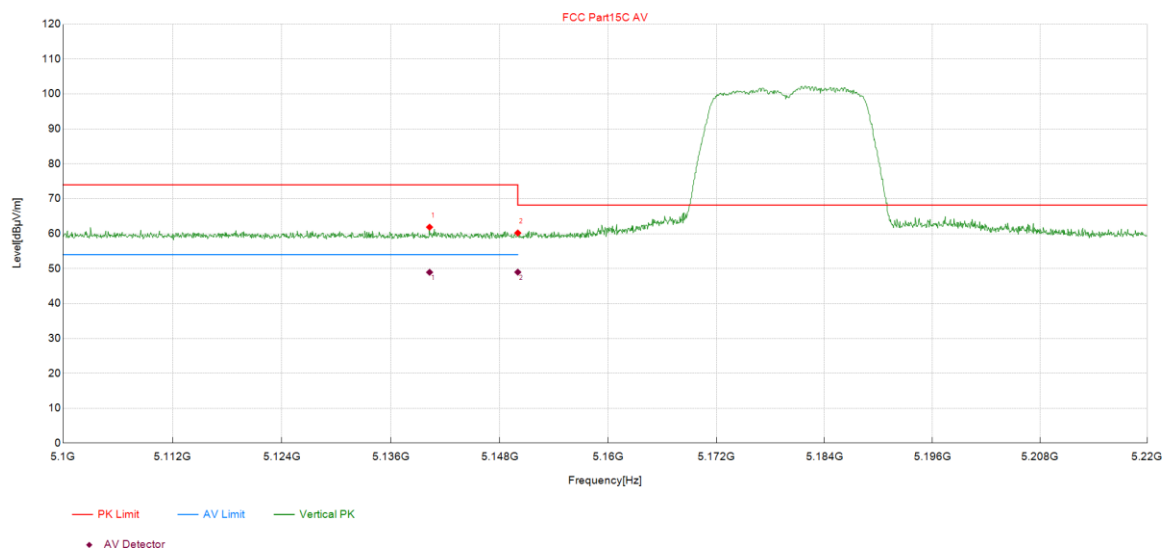


Radiated Emission Test Result

Memo : 11AC20 5180MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5140.26	54.00	61.87	7.87	74.00	12.13	Peak	VERTICAL
		41.08	48.95	7.87	54.00	5.05	Average	VERTICAL
2	5150.00	52.31	60.21	7.90	68.20	7.99	Peak	VERTICAL
		41.08	48.98	7.90	54.00	5.02	Average	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

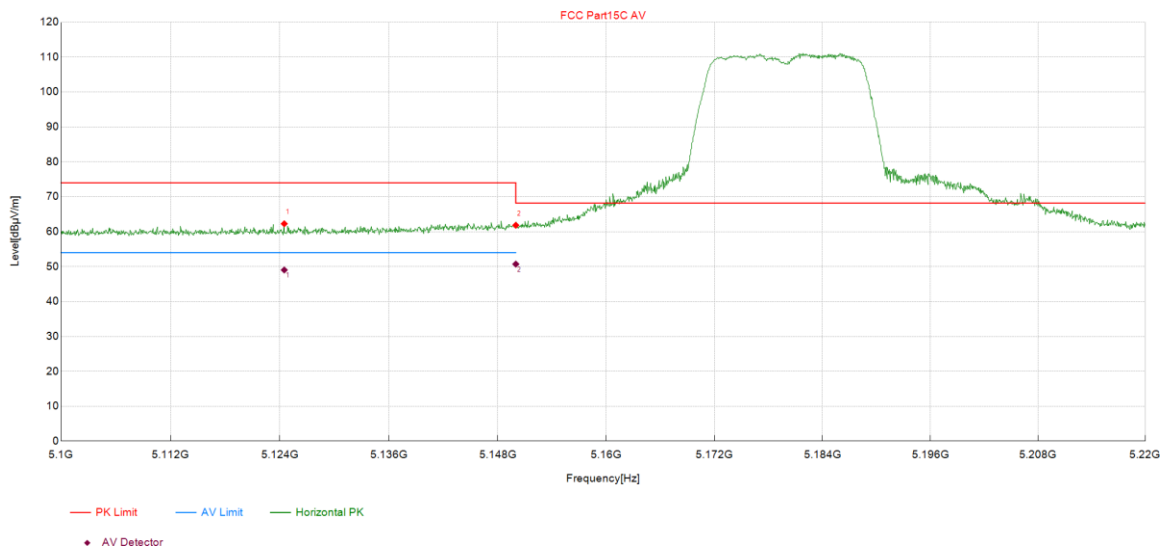
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC20 5180MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5124.48	54.45	62.27	7.82	74.00	11.73	Peak	HORIZONTAL
		41.21	49.03	7.82	54.00	4.97	Average	HORIZONTAL
2	5150.00	53.94	61.84	7.90	68.20	6.36	Peak	HORIZONTAL
		42.82	50.72	7.90	54.00	3.28	Average	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

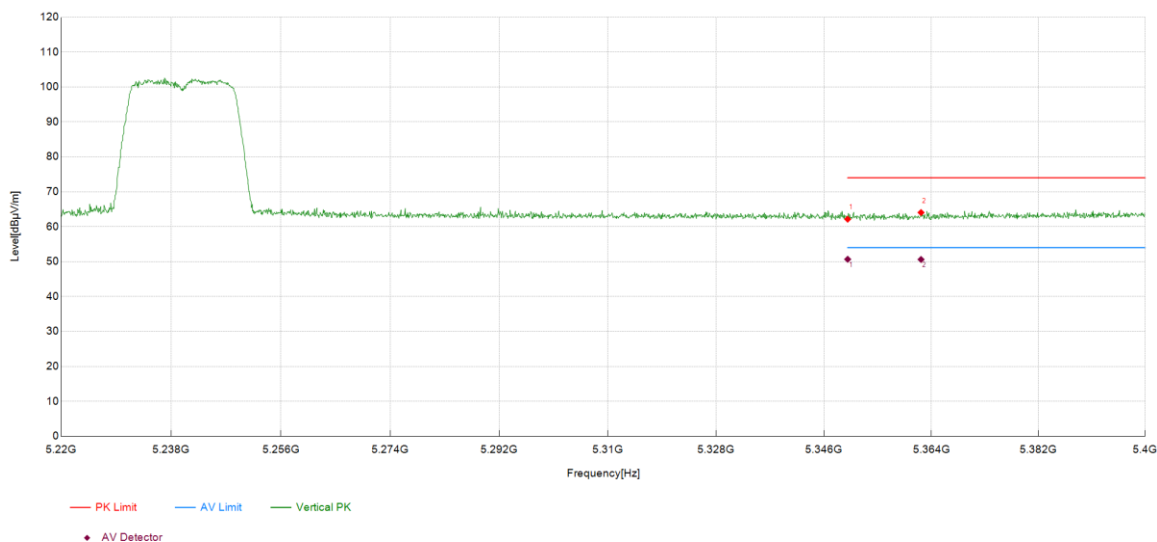
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC20 5240MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5350.00	54.24	62.15	7.91	74.00	11.85	Peak	VERTICAL
		42.76	50.67	7.91	54.00	3.33	Average	VERTICAL
2	5362.29	56.05	64.05	8.00	74.00	9.95	Peak	VERTICAL
		42.61	50.61	8.00	54.00	3.39	Average	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

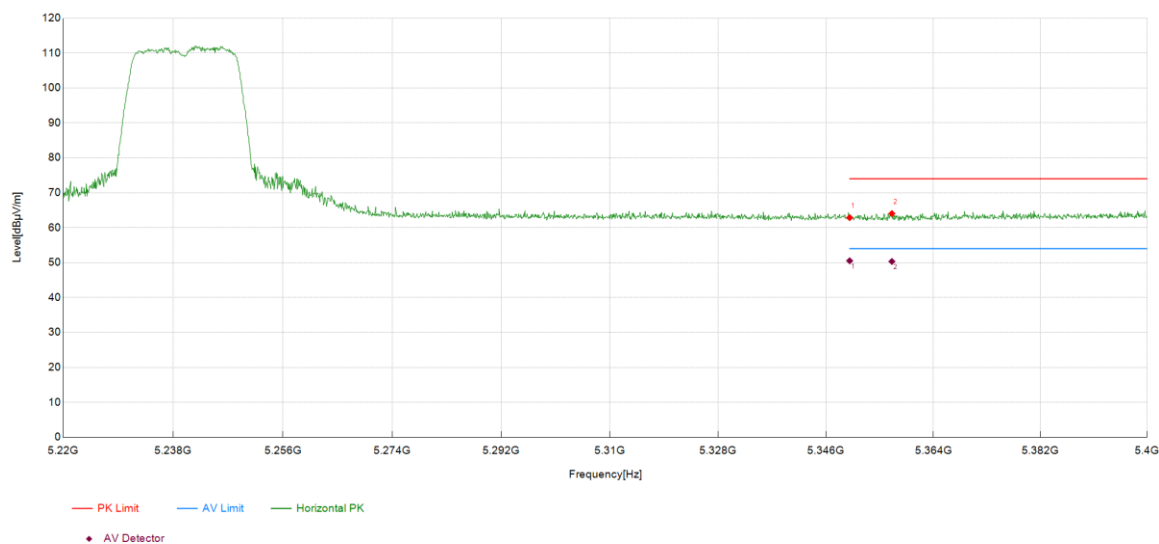
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC20 5240MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5350.00	54.96	62.87	7.91	74.00	11.13	Peak	HORIZONTAL
		42.61	50.52	7.91	54.00	3.48	Average	HORIZONTAL
2	5357.07	56.09	64.05	7.96	74.00	9.95	Peak	HORIZONTAL
		42.36	50.32	7.96	54.00	3.68	Average	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

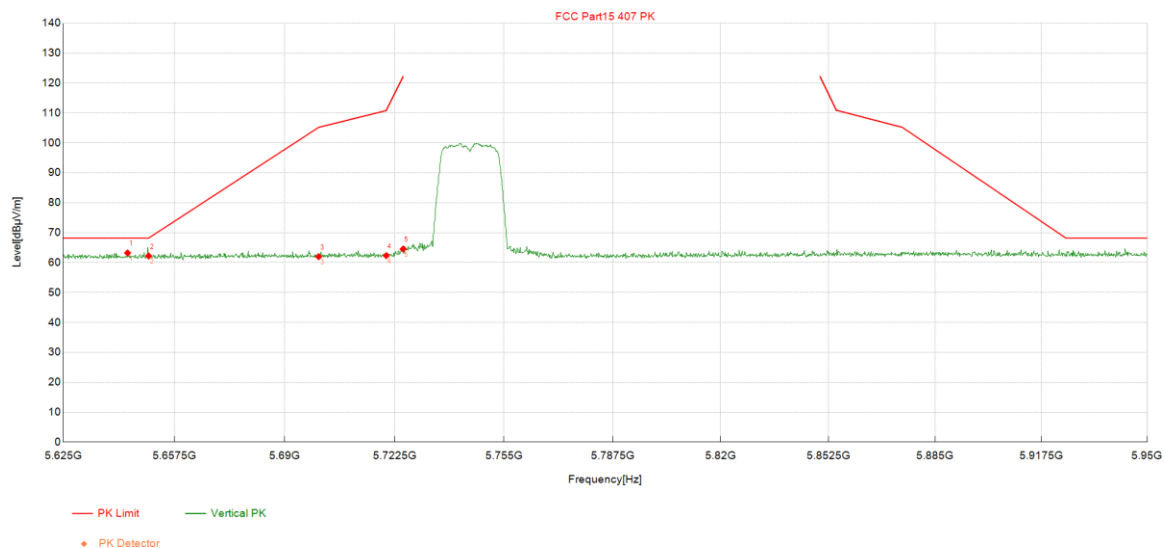
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC20 5745MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5643.85	54.83	63.23	8.40	68.20	4.97	Peak	VERTICAL
2	5650.00	53.82	62.22	8.40	68.22	6.00	Peak	VERTICAL
3	5700.00	53.57	61.99	8.42	105.22	43.23	Peak	VERTICAL
4	5720.00	53.91	62.34	8.43	111.04	48.70	Peak	VERTICAL
5	5725.00	56.10	64.54	8.44	-	-	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

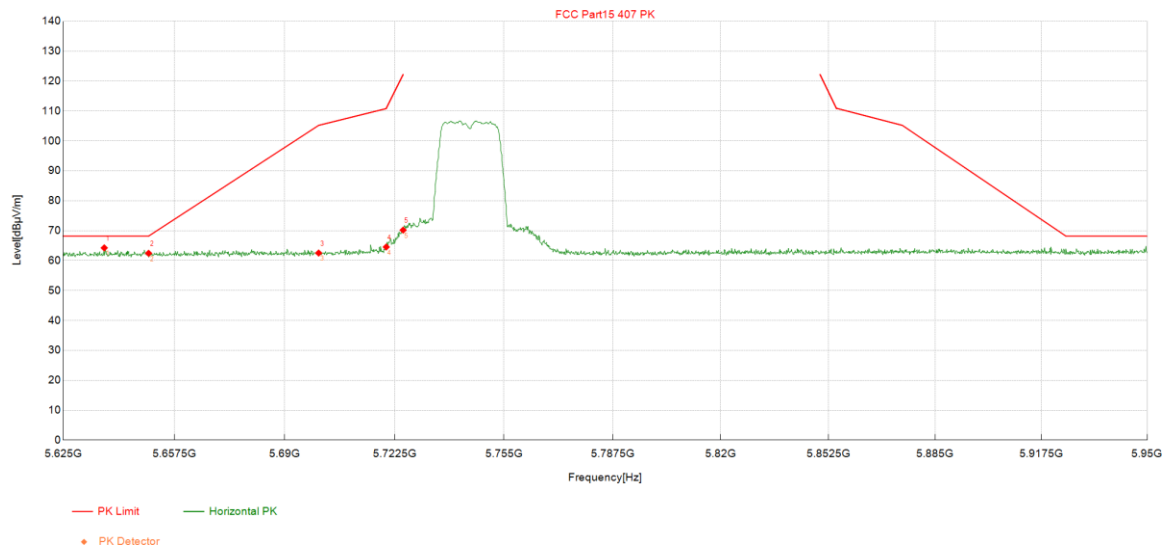
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC20 5745MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5637.03	55.87	64.25	8.38	68.20	3.95	Peak	HORIZONTAL
2	5650.00	54.05	62.45	8.40	68.22	5.77	Peak	HORIZONTAL
3	5700.00	54.11	62.53	8.42	105.22	42.69	Peak	HORIZONTAL
4	5720.00	56.12	64.55	8.43	111.04	46.49	Peak	HORIZONTAL
5	5725.00	61.75	70.19	8.44	-	-	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

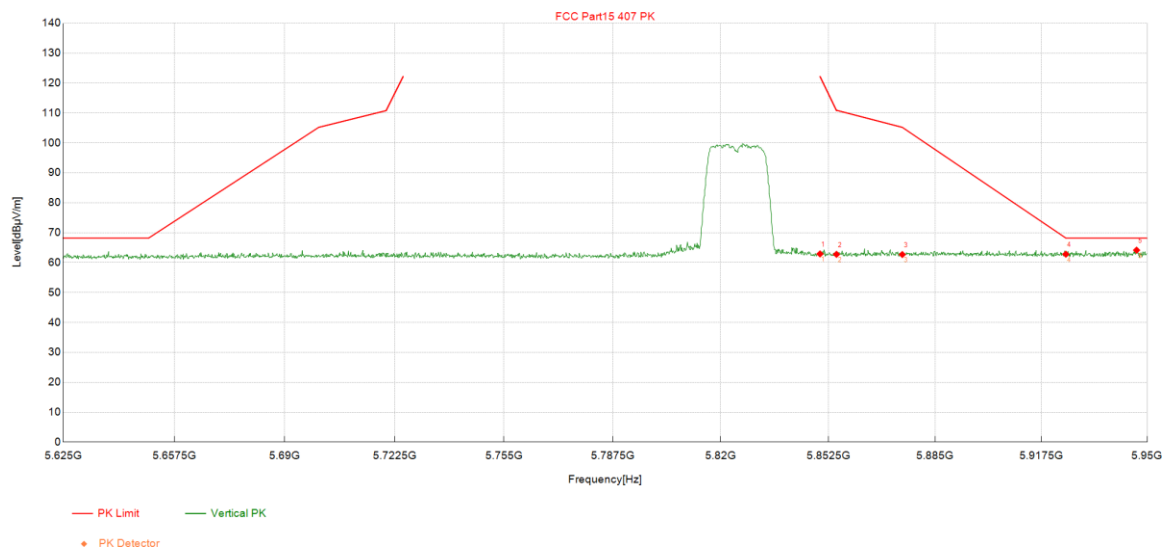
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC20 5825MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5850.00	54.05	62.91	8.86	122.06	59.15	Peak	VERTICAL
2	5855.00	53.92	62.76	8.84	110.87	48.11	Peak	VERTICAL
3	5875.00	53.94	62.70	8.76	105.13	42.43	Peak	VERTICAL
4	5925.00	54.12	62.81	8.69	68.20	5.39	Peak	VERTICAL
5	5946.75	55.47	64.17	8.70	68.20	4.03	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

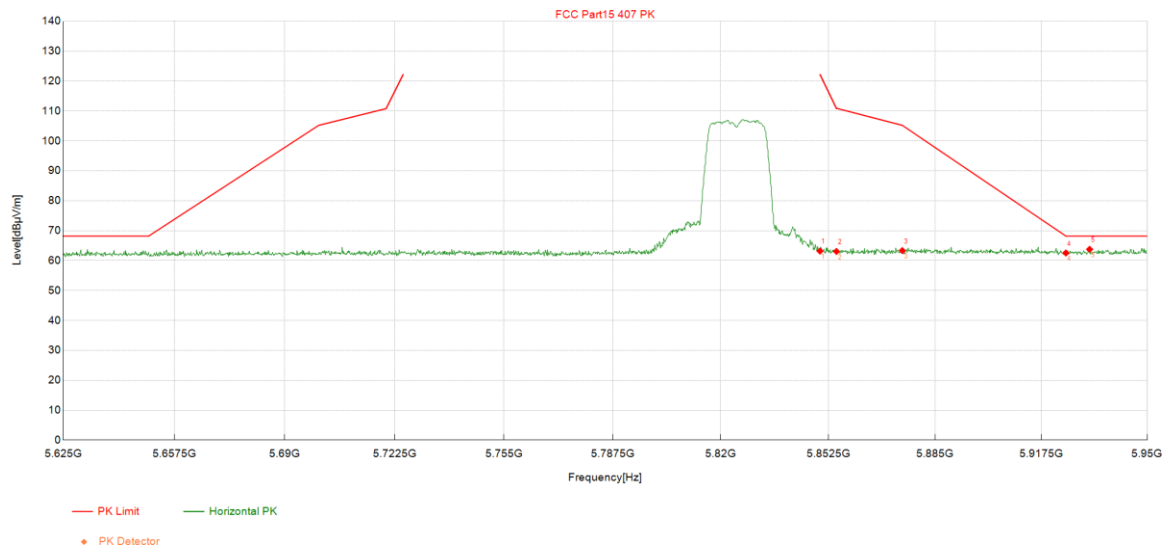
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC20 5825MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5850.00	54.33	63.19	8.86	122.06	58.87	Peak	HORIZONTAL
2	5855.00	54.22	63.06	8.84	110.87	47.81	Peak	HORIZONTAL
3	5875.00	54.58	63.34	8.76	105.13	41.79	Peak	HORIZONTAL
4	5925.00	53.86	62.55	8.69	68.20	5.65	Peak	HORIZONTAL
5	5932.29	55.08	63.77	8.69	68.20	4.43	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

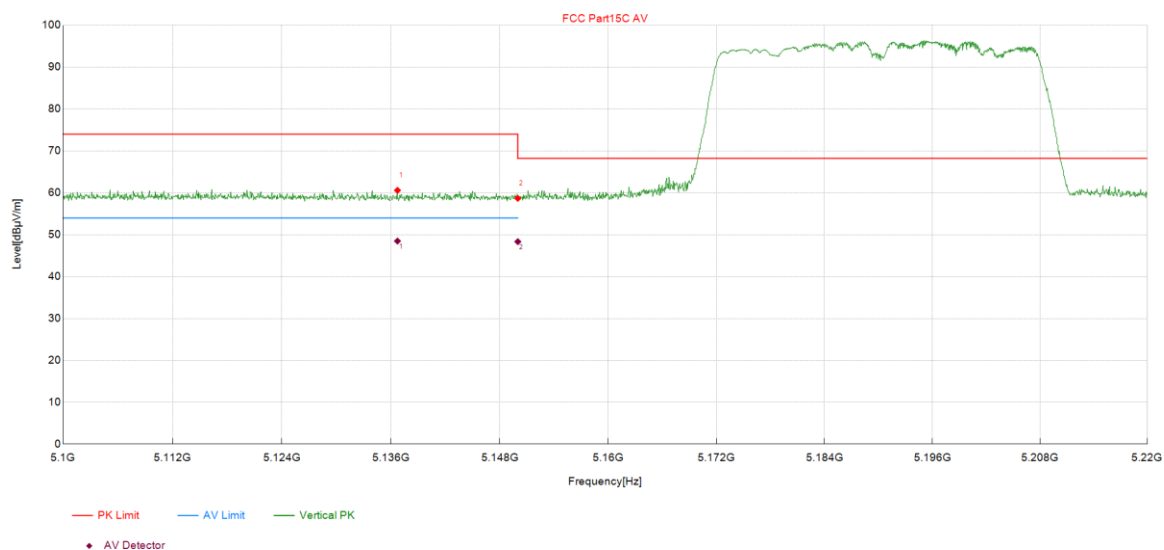
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC40 5190MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5136.72	52.73	60.59	7.86	74.00	13.41	Peak	VERTICAL
		40.62	48.48	7.86	54.00	5.52	Average	VERTICAL
2	5150.00	50.76	58.66	7.90	68.20	9.54	Peak	VERTICAL
		40.44	48.34	7.90	54.00	5.66	Average	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

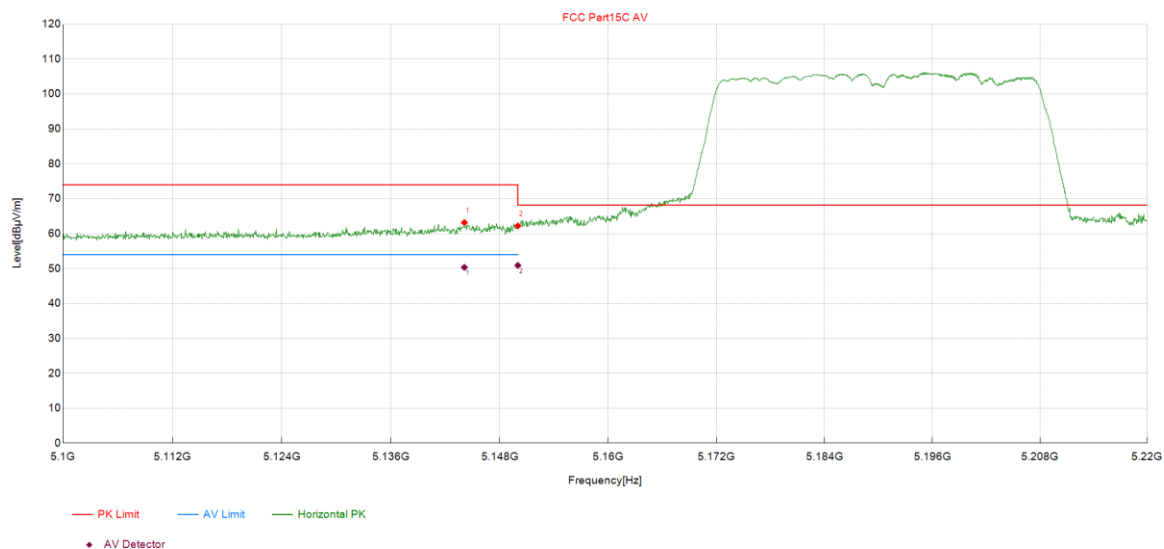
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC40 5190MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5144.10	55.31	63.19	7.88	74.00	10.81	Peak	HORIZONTAL
		42.48	50.36	7.88	54.00	3.64	Average	HORIZONTAL
2	5150.00	54.32	62.22	7.90	68.20	5.98	Peak	HORIZONTAL
		43.03	50.93	7.90	54.00	3.07	Average	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

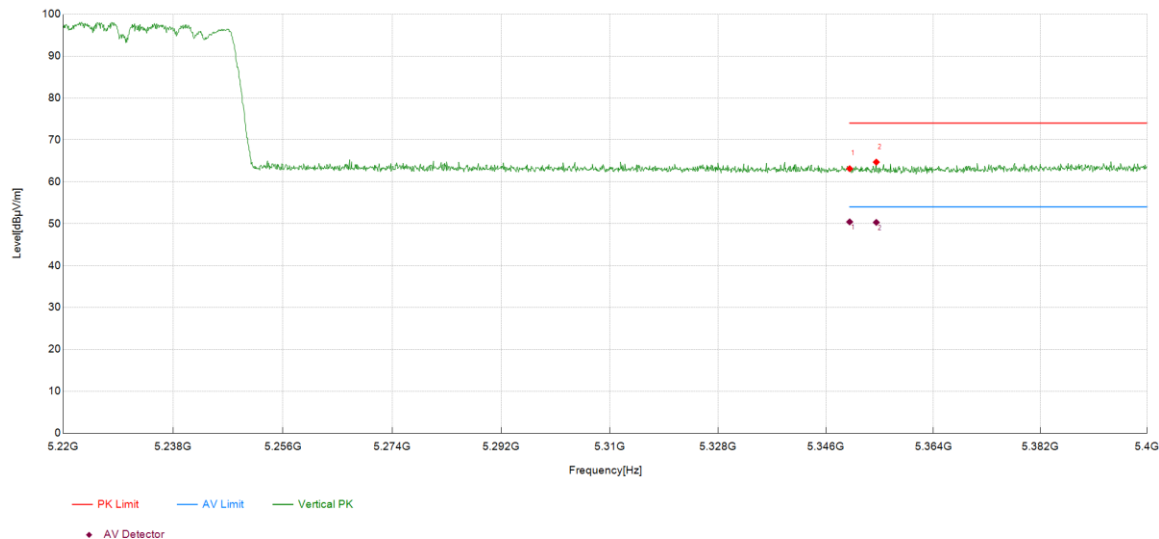
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC40 5230MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5350.00	55.22	63.13	7.91	74.00	10.87	Peak	VERTICAL
		42.52	50.43	7.91	54.00	3.57	Average	VERTICAL
2	5354.46	56.76	64.70	7.94	74.00	9.30	Peak	VERTICAL
		42.37	50.31	7.94	54.00	3.69	Average	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

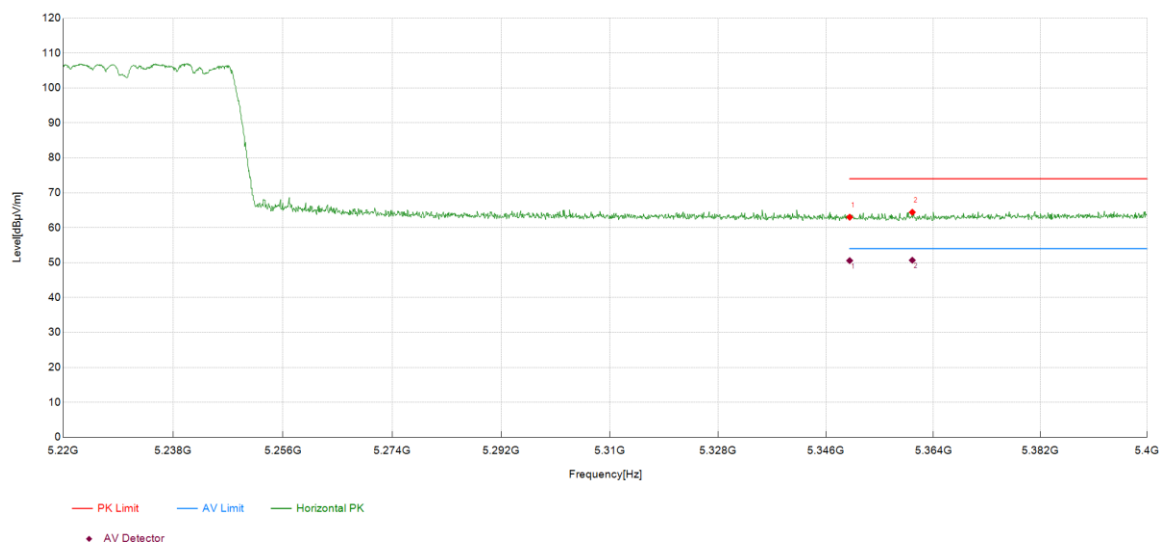
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC40 5230MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5350.00	55.10	63.01	7.91	74.00	10.99	Peak	HORIZONTAL
		42.66	50.57	7.91	54.00	3.43	Average	HORIZONTAL
2	5360.49	56.44	64.42	7.98	74.00	9.58	Peak	HORIZONTAL
		42.70	50.68	7.98	54.00	3.32	Average	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

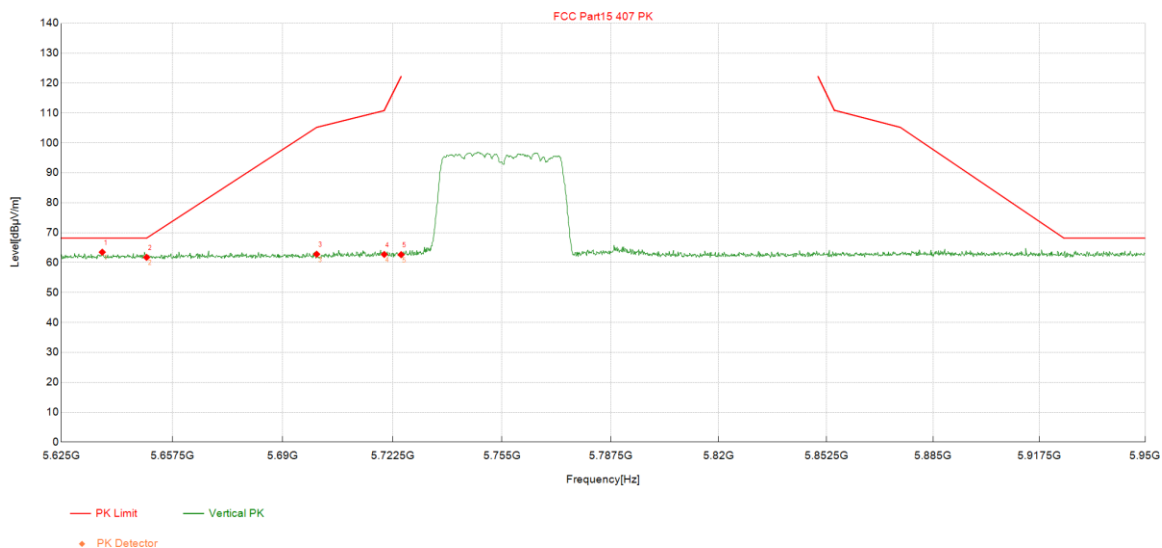
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC40 5755MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5637.03	55.11	63.49	8.38	68.20	4.71	Peak	VERTICAL
2	5650.00	53.36	61.76	8.40	68.22	6.46	Peak	VERTICAL
3	5700.00	54.39	62.81	8.42	105.22	42.41	Peak	VERTICAL
4	5720.00	54.30	62.73	8.43	111.04	48.31	Peak	VERTICAL
5	5725.00	54.22	62.66	8.44	-	-	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

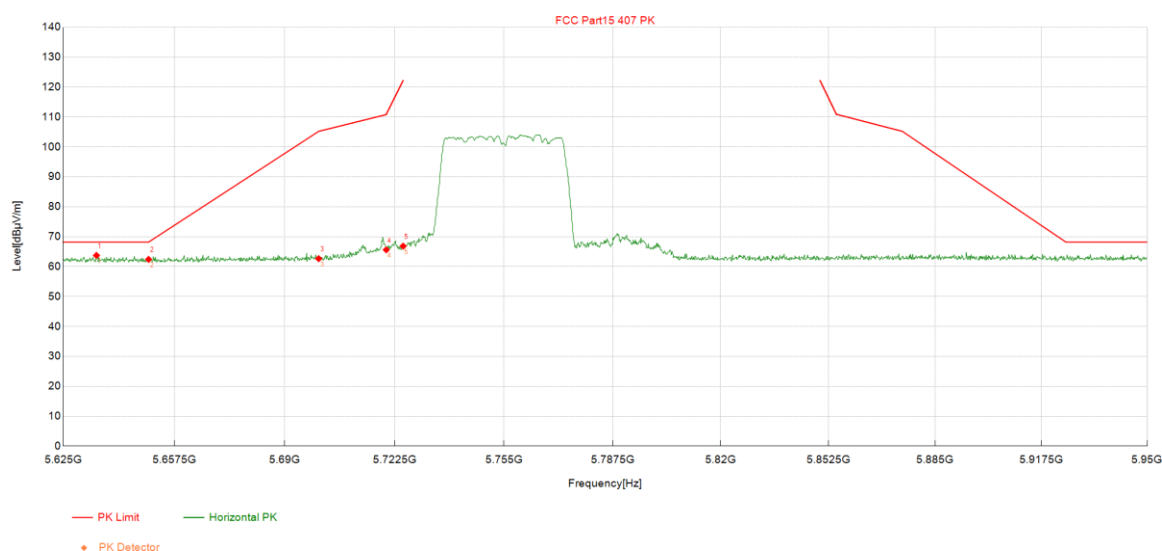
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC40 5755MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5634.75	55.36	63.73	8.37	68.20	4.47	Peak	HORIZONTAL
2	5650.00	54.02	62.42	8.40	68.22	5.80	Peak	HORIZONTAL
3	5700.00	54.24	62.66	8.42	105.22	42.56	Peak	HORIZONTAL
4	5720.00	57.18	65.61	8.43	111.04	45.43	Peak	HORIZONTAL
5	5725.00	58.41	66.85	8.44	-	-	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

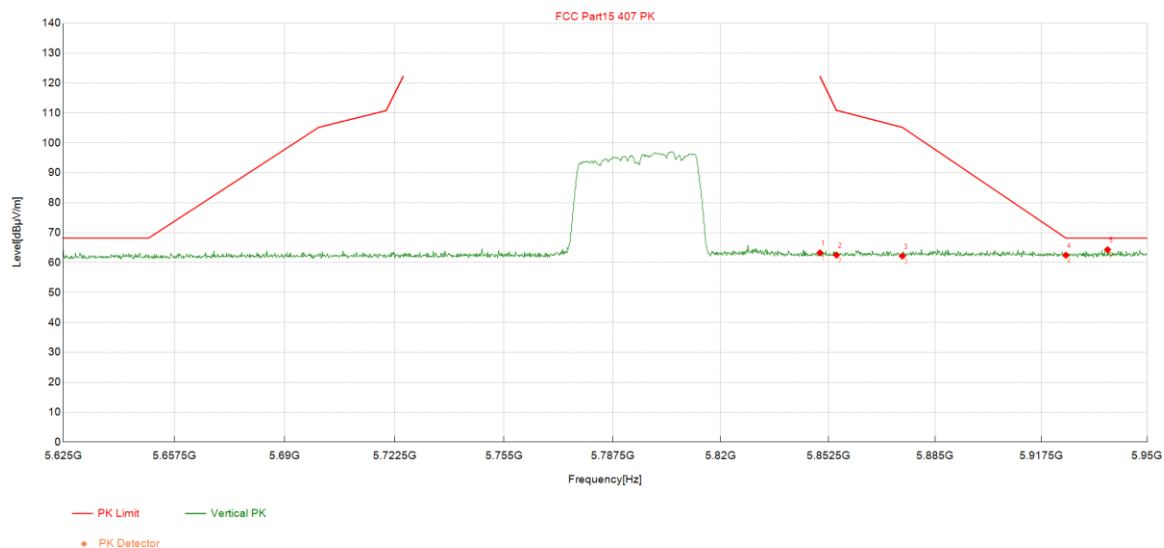
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC40 5795MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5850.00	54.42	63.28	8.86	122.06	58.78	Peak	VERTICAL
2	5855.00	53.69	62.53	8.84	110.87	48.34	Peak	VERTICAL
3	5875.00	53.45	62.21	8.76	105.13	42.92	Peak	VERTICAL
4	5925.00	53.79	62.48	8.69	68.20	5.72	Peak	VERTICAL
5	5937.81	55.64	64.33	8.69	68.20	3.87	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

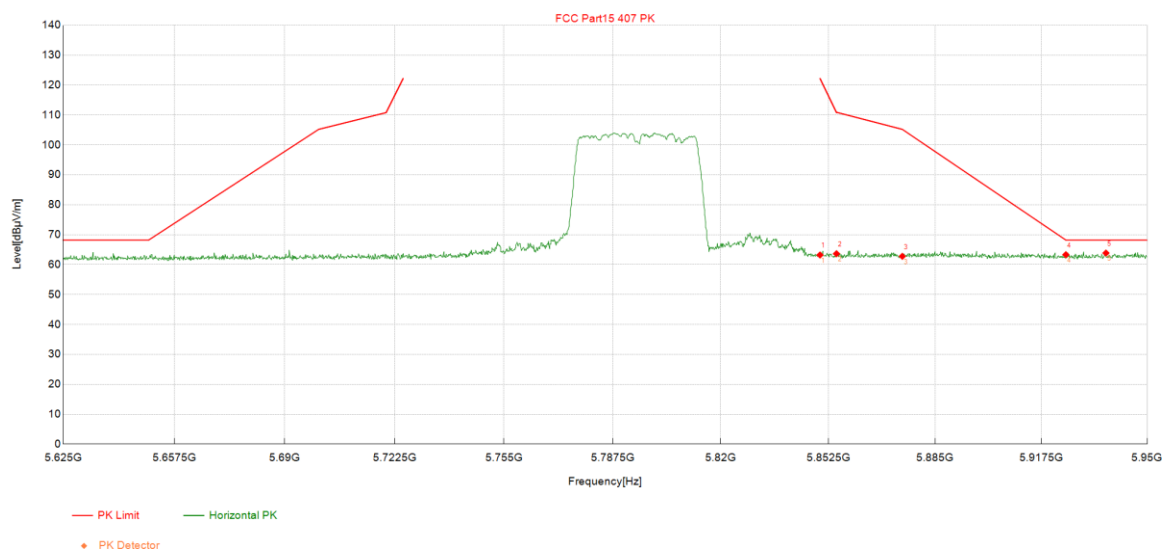
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC40 5795MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5850.00	54.35	63.21	8.86	122.06	58.85	Peak	HORIZONTAL
2	5855.00	54.80	63.64	8.84	110.87	47.23	Peak	HORIZONTAL
3	5875.00	54.01	62.77	8.76	105.13	42.36	Peak	HORIZONTAL
4	5925.00	54.62	63.31	8.69	68.20	4.89	Peak	HORIZONTAL
5	5937.33	55.18	63.87	8.69	68.20	4.33	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

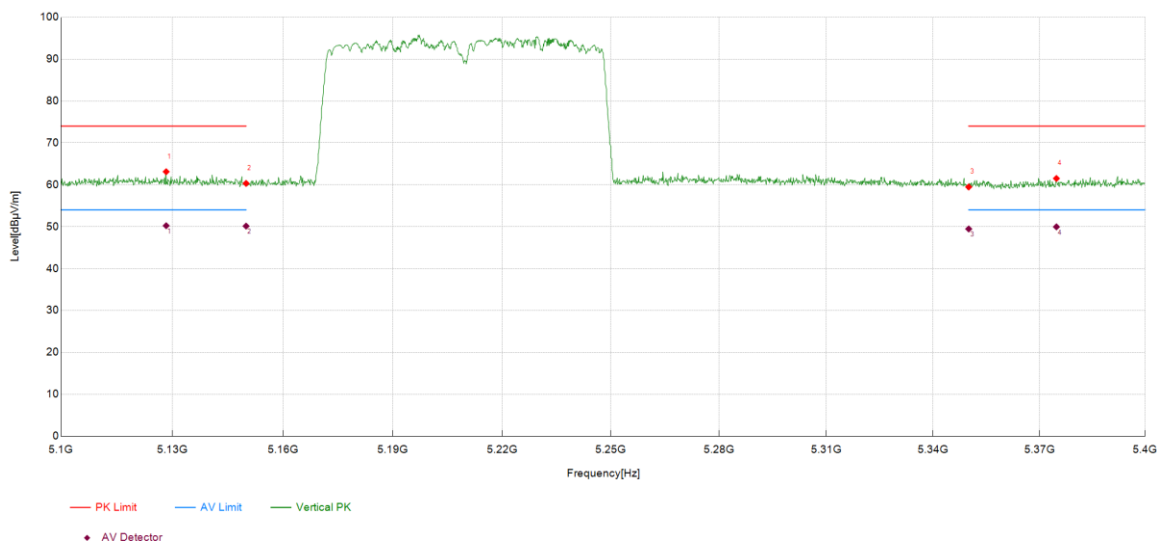
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC80 5210MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5128.35	55.28	63.12	7.84	74.00	10.88	Peak	VERTICAL
		42.39	50.23	7.84	54.00	3.77	Average	VERTICAL
2	5150.00	52.43	60.33	7.90	68.20	7.87	Peak	VERTICAL
		42.24	50.14	7.90	54.00	3.86	Average	VERTICAL
3	5350.00	51.57	59.48	7.91	74.00	14.52	Peak	VERTICAL
		41.55	49.46	7.91	54.00	4.54	Average	VERTICAL
4	5374.80	53.44	61.51	8.07	74.00	12.49	Peak	VERTICAL
		41.89	49.96	8.07	54.00	4.04	Average	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

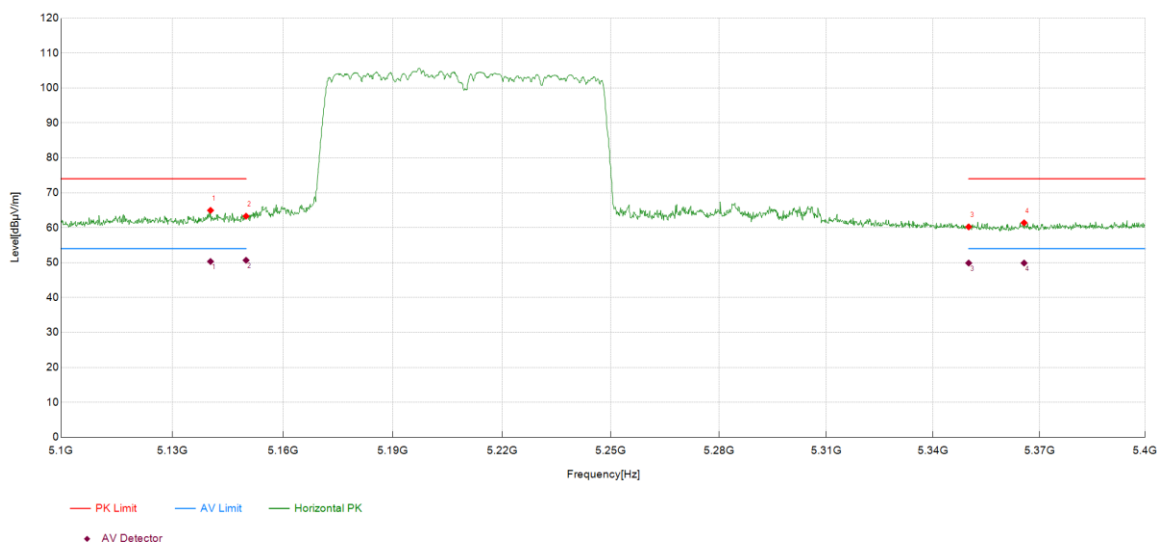
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC80 5210MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5140.35	57.09	64.96	7.87	74.00	9.04	Peak	HORIZONTAL
		42.45	50.32	7.87	54.00	3.68	Average	HORIZONTAL
2	5150.00	55.39	63.29	7.90	68.20	4.94	Peak	HORIZONTAL
		42.77	50.67	7.90	54.00	3.33	Average	HORIZONTAL
3	5350.00	52.32	60.23	7.91	74.00	13.77	Peak	HORIZONTAL
		41.96	49.87	7.91	54.00	4.13	Average	HORIZONTAL
4	5365.65	53.38	61.40	8.02	74.00	12.60	Peak	HORIZONTAL
		41.85	49.87	8.02	54.00	4.13	Average	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

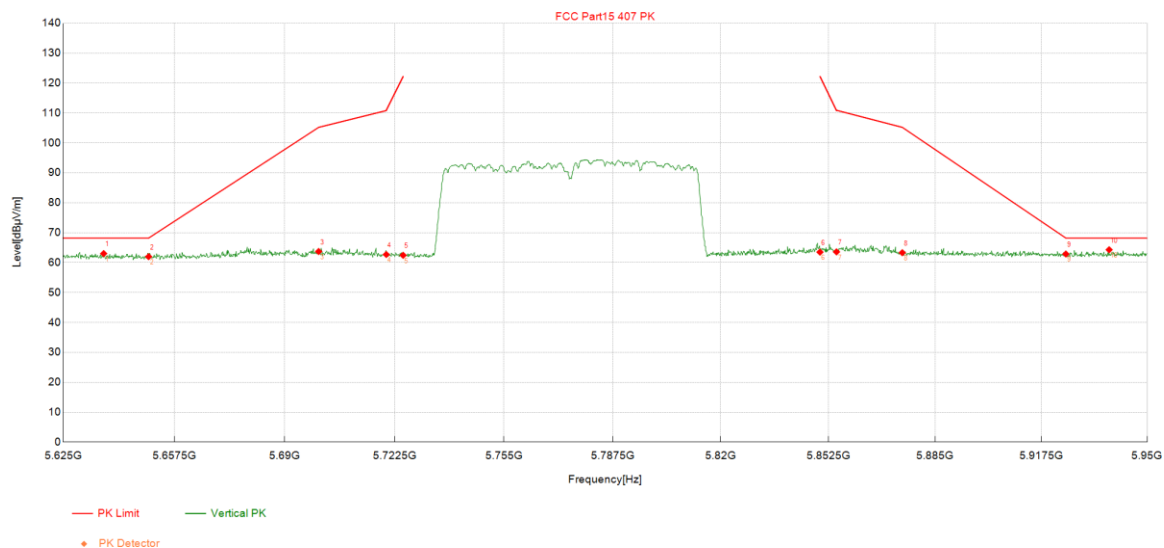
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC80 5775MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5636.86	54.64	63.02	8.38	68.20	5.18	Peak	VERTICAL
2	5650.00	53.59	61.99	8.40	68.22	6.23	Peak	VERTICAL
3	5700.00	55.29	63.71	8.42	105.22	41.51	Peak	VERTICAL
4	5720.00	54.28	62.71	8.43	111.04	48.33	Peak	VERTICAL
5	5725.00	54.00	62.44	8.44	-	-	Peak	VERTICAL
6	5850.00	54.65	63.51	8.86	122.06	58.55	Peak	VERTICAL
7	5855.00	54.75	63.59	8.84	110.87	47.28	Peak	VERTICAL
8	5875.00	54.55	63.31	8.76	105.13	41.82	Peak	VERTICAL
9	5925.00	54.19	62.88	8.69	68.20	5.32	Peak	VERTICAL
10	5938.30	55.61	64.30	8.69	68.20	3.90	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

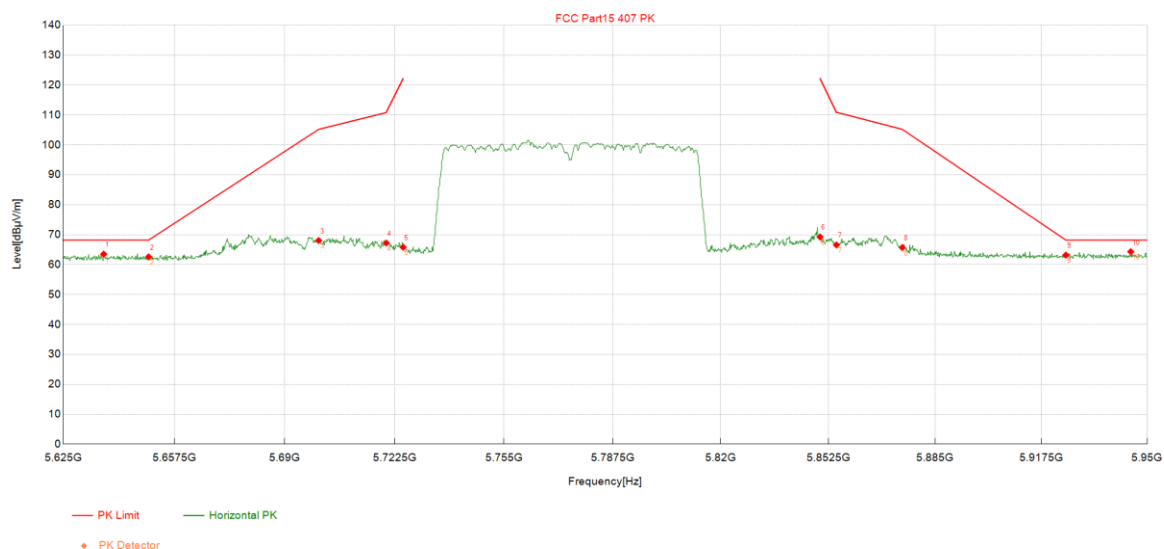
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AC80 5775MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5636.86	55.13	63.51	8.38	68.20	4.69	Peak	HORIZONTAL
2	5650.00	54.18	62.58	8.40	68.22	5.64	Peak	HORIZONTAL
3	5700.00	59.64	68.06	8.42	105.22	37.16	Peak	HORIZONTAL
4	5720.00	58.77	67.20	8.43	111.04	43.84	Peak	HORIZONTAL
5	5725.00	57.36	65.80	8.44	-	-	Peak	HORIZONTAL
6	5850.00	60.39	69.25	8.86	122.06	52.81	Peak	HORIZONTAL
7	5855.00	57.75	66.59	8.84	110.87	44.28	Peak	HORIZONTAL
8	5875.00	56.94	65.70	8.76	105.13	39.43	Peak	HORIZONTAL
9	5925.00	54.49	63.18	8.69	68.20	5.02	Peak	HORIZONTAL
10	5944.96	55.61	64.31	8.70	68.20	3.89	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

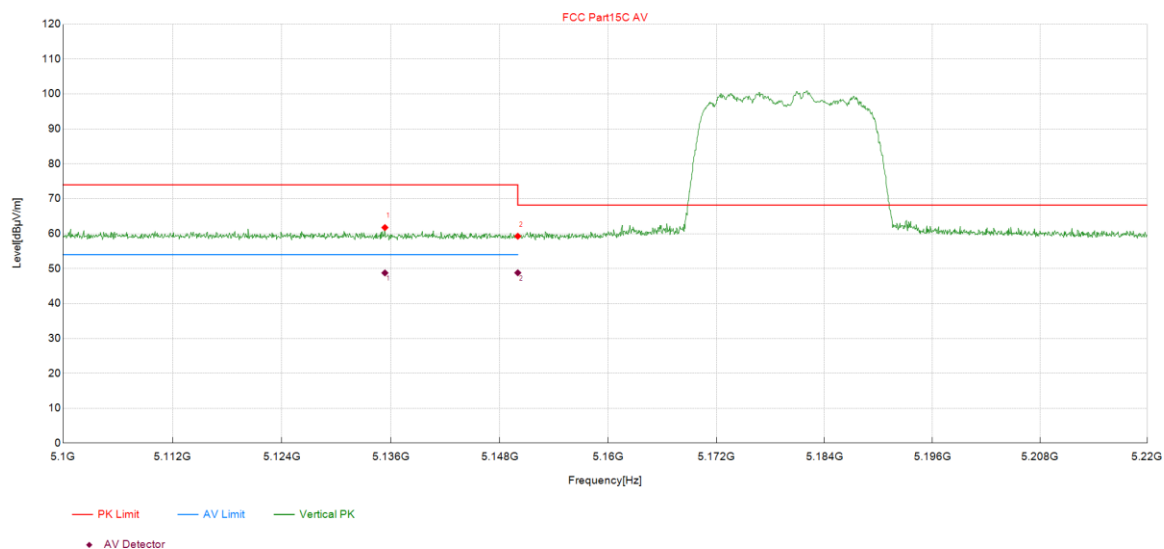
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX20 5180MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5135.34	53.90	61.76	7.86	74.00	12.24	Peak	VERTICAL
		40.90	48.76	7.86	54.00	5.24	Average	VERTICAL
2	5150.00	51.37	59.27	7.90	68.20	8.93	Peak	VERTICAL
		40.90	48.80	7.90	54.00	5.20	Average	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

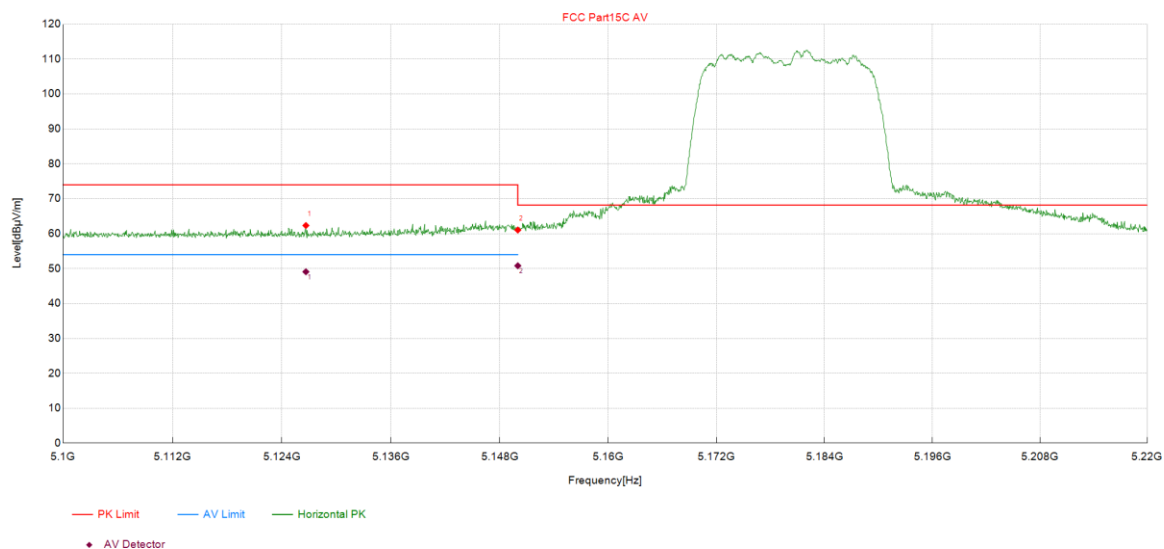
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX20 5180MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5135.34	53.90	61.76	7.86	74.00	12.24	Peak	HORIZONTAL
		40.90	48.76	7.86	54.00	5.24	Average	HORIZONTAL
2	5150.00	51.37	59.27	7.90	68.20	8.93	Peak	HORIZONTAL
		40.90	48.80	7.90	54.00	5.20	Average	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

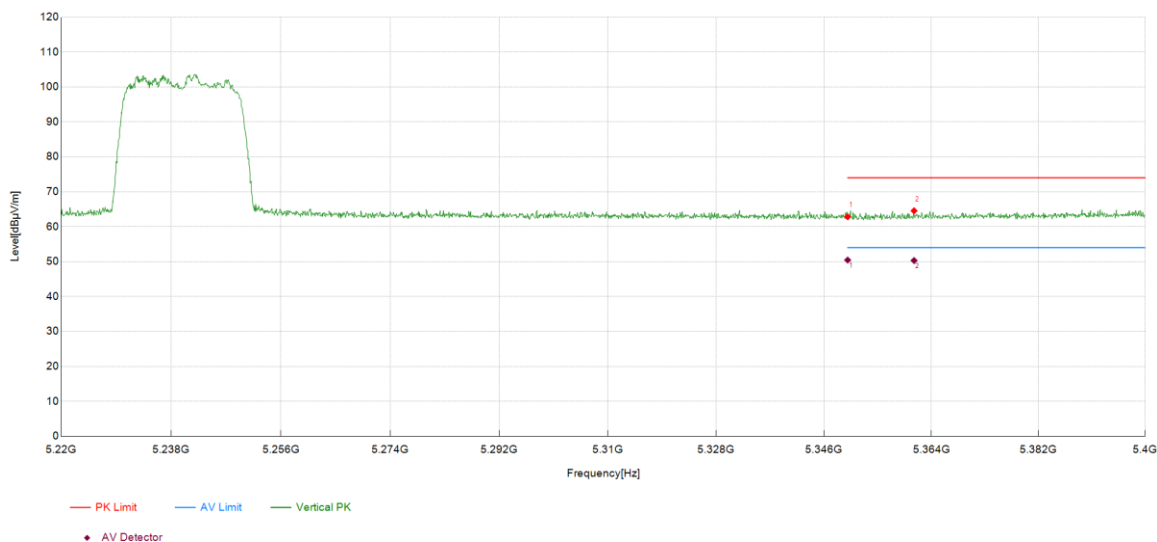
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX20 5240MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5350.00	54.91	62.82	7.91	74.00	11.18	Peak	VERTICAL
		42.53	50.44	7.91	54.00	3.56	Average	VERTICAL
2	5361.12	56.56	64.55	7.99	74.00	9.45	Peak	VERTICAL
		42.31	50.30	7.99	54.00	3.70	Average	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

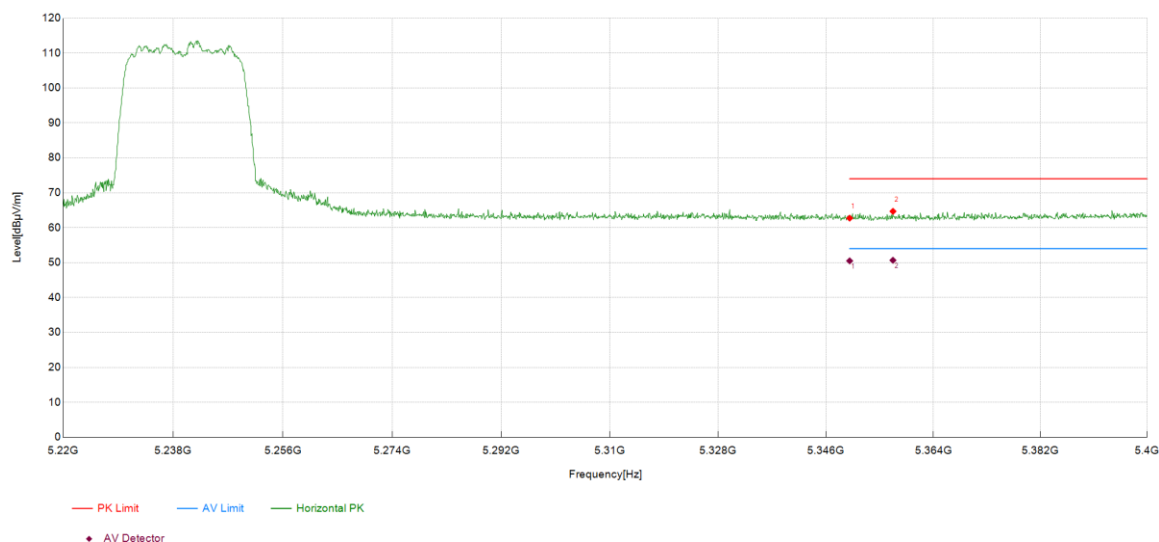
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX20 5240MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5350.00	54.82	62.73	7.91	74.00	11.27	Peak	HORIZONTAL
		42.59	50.50	7.91	54.00	3.50	Average	HORIZONTAL
2	5357.25	56.73	64.69	7.96	74.00	9.31	Peak	HORIZONTAL
		42.71	50.67	7.96	54.00	3.33	Average	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

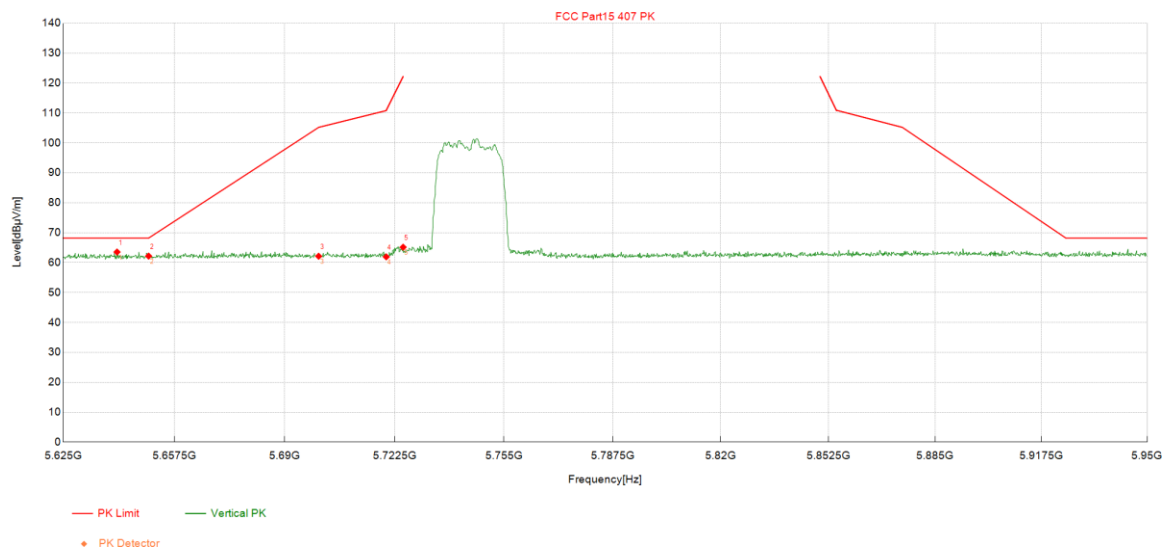
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX20 5745MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5640.76	55.16	63.54	8.38	68.20	4.66	Peak	VERTICAL
2	5650.00	53.77	62.17	8.40	68.22	6.05	Peak	VERTICAL
3	5700.00	53.71	62.13	8.42	105.22	43.09	Peak	VERTICAL
4	5720.00	53.50	61.93	8.43	111.04	49.11	Peak	VERTICAL
5	5725.00	56.72	65.16	8.44	-	-	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

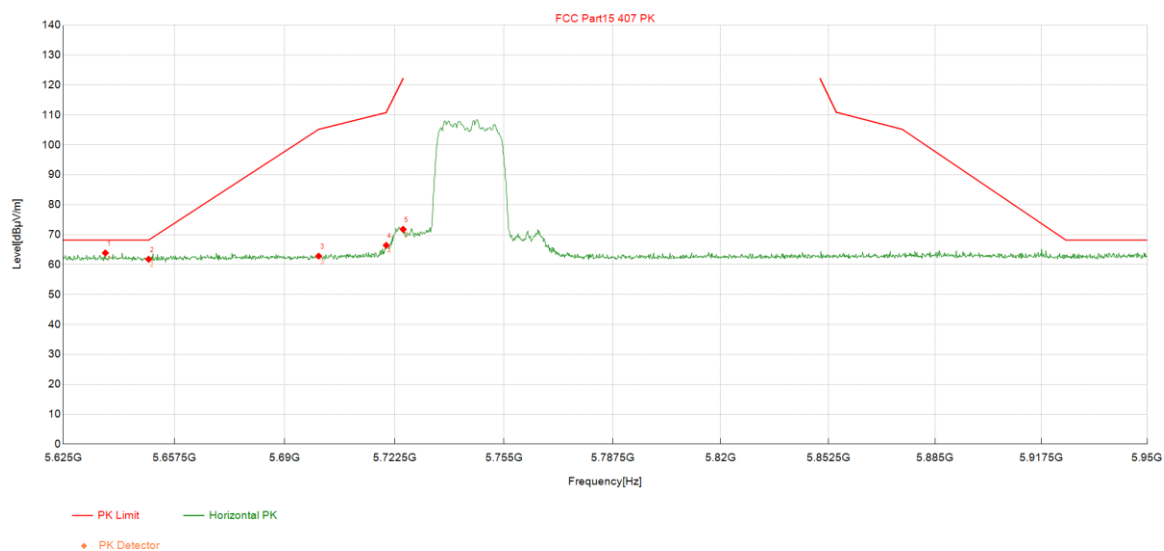
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX20 5745MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5637.35	55.52	63.90	8.38	68.20	4.30	Peak	HORIZONTAL
2	5650.00	53.40	61.80	8.40	68.22	6.42	Peak	HORIZONTAL
3	5700.00	54.41	62.83	8.42	105.22	42.39	Peak	HORIZONTAL
4	5720.00	58.01	66.44	8.43	111.04	44.60	Peak	HORIZONTAL
5	5725.00	63.35	71.79	8.44	-	-	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

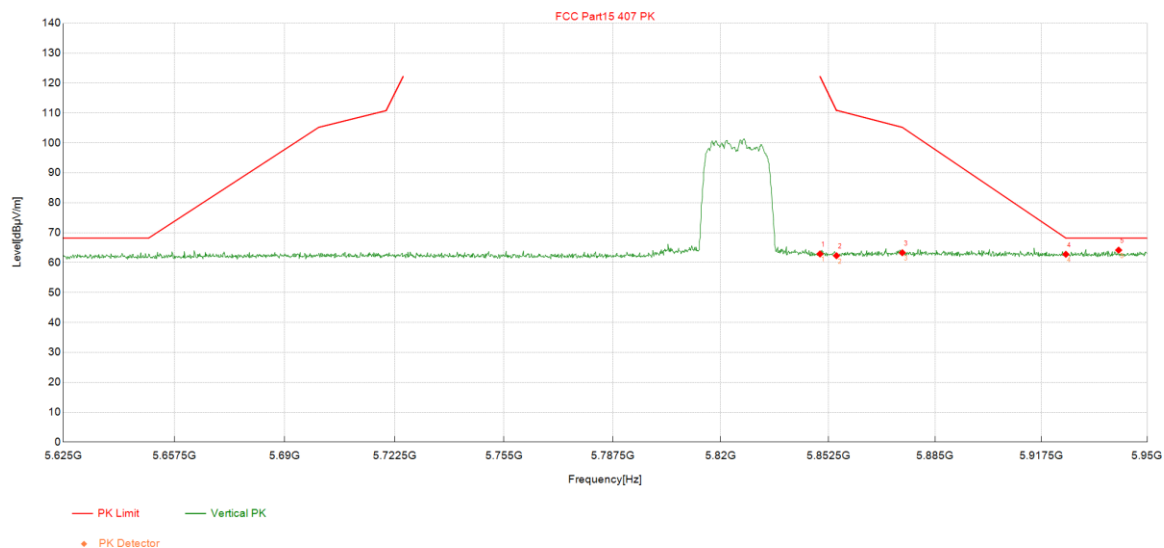
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX20 5825MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5850.00	54.04	62.90	8.86	122.06	59.16	Peak	VERTICAL
2	5855.00	53.46	62.30	8.84	110.87	48.57	Peak	VERTICAL
3	5875.00	54.54	63.30	8.76	105.13	41.83	Peak	VERTICAL
4	5925.00	54.09	62.78	8.69	68.20	5.42	Peak	VERTICAL
5	5941.23	55.48	64.17	8.69	68.20	4.03	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

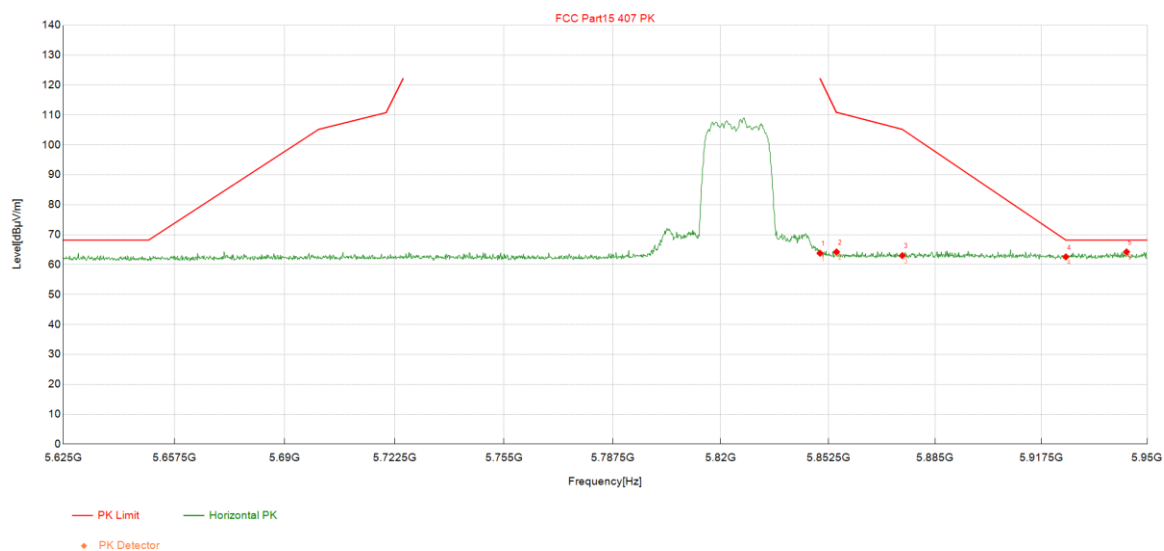
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX20 5825MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5850.00	54.95	63.81	8.86	122.06	58.25	Peak	HORIZONTAL
2	5855.00	55.40	64.24	8.84	110.87	46.63	Peak	HORIZONTAL
3	5875.00	54.26	63.02	8.76	105.13	42.11	Peak	HORIZONTAL
4	5925.00	53.91	62.60	8.69	68.20	5.60	Peak	HORIZONTAL
5	5943.66	55.56	64.26	8.70	68.20	3.94	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

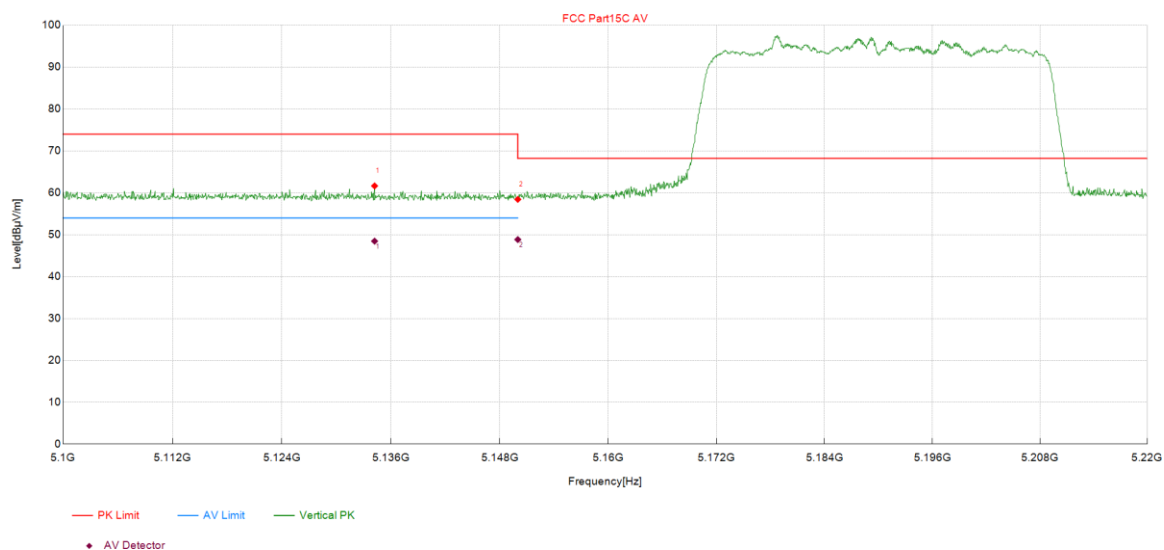
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX40 5190MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5134.20	53.79	61.64	7.85	74.00	12.36	Peak	VERTICAL
		40.61	48.46	7.85	54.00	5.54	Average	VERTICAL
2	5150.00	50.53	58.43	7.90	68.20	9.77	Peak	VERTICAL
		40.94	48.84	7.90	54.00	5.16	Average	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

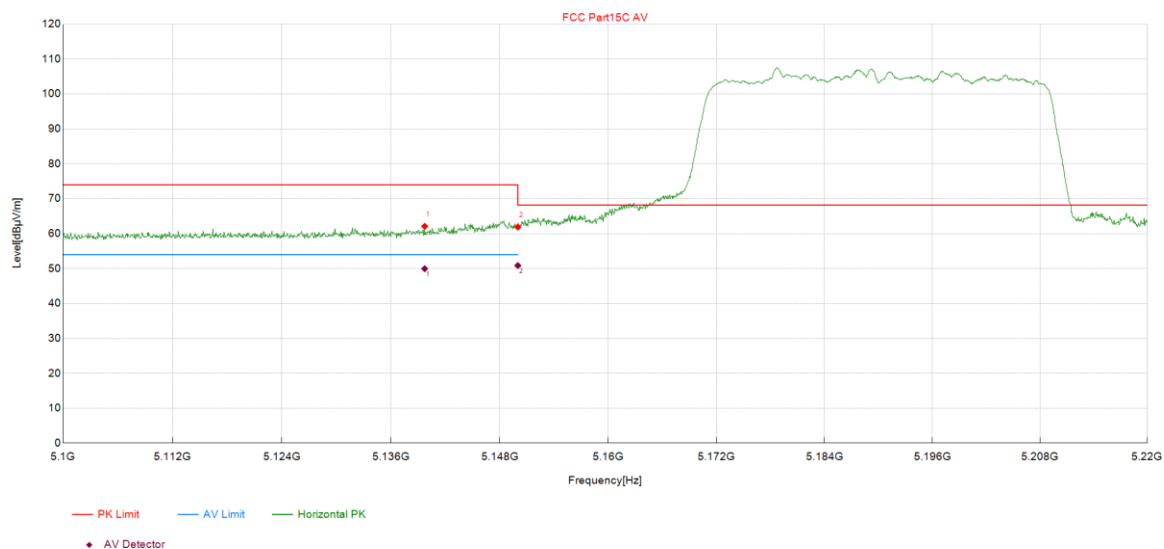
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX40 5190MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5139.72	54.24	62.11	7.87	74.00	11.89	Peak	HORIZONTAL
		42.11	49.98	7.87	54.00	4.02	Average	HORIZONTAL
2	5150.00	54.00	61.90	7.90	68.20	6.30	Peak	HORIZONTAL
		42.98	50.88	7.90	54.00	3.12	Average	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

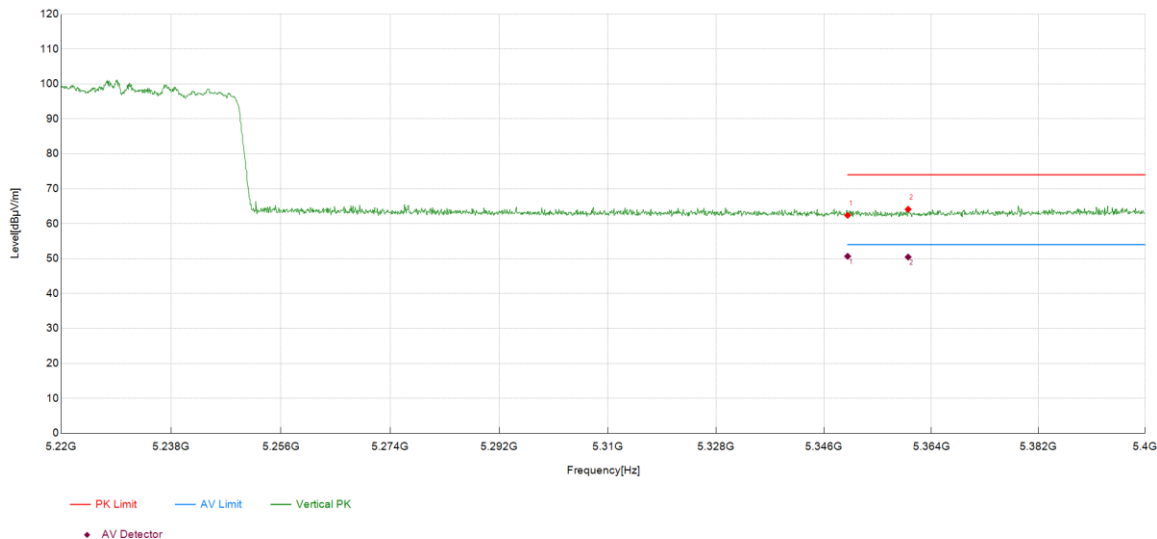
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX40 5230MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5350.00	54.50	62.41	7.91	74.00	11.59	Peak	VERTICAL
		42.75	50.66	7.91	54.00	3.34	Average	VERTICAL
2	5360.13	56.15	64.13	7.98	74.00	9.87	Peak	VERTICAL
		42.47	50.45	7.98	54.00	3.55	Average	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

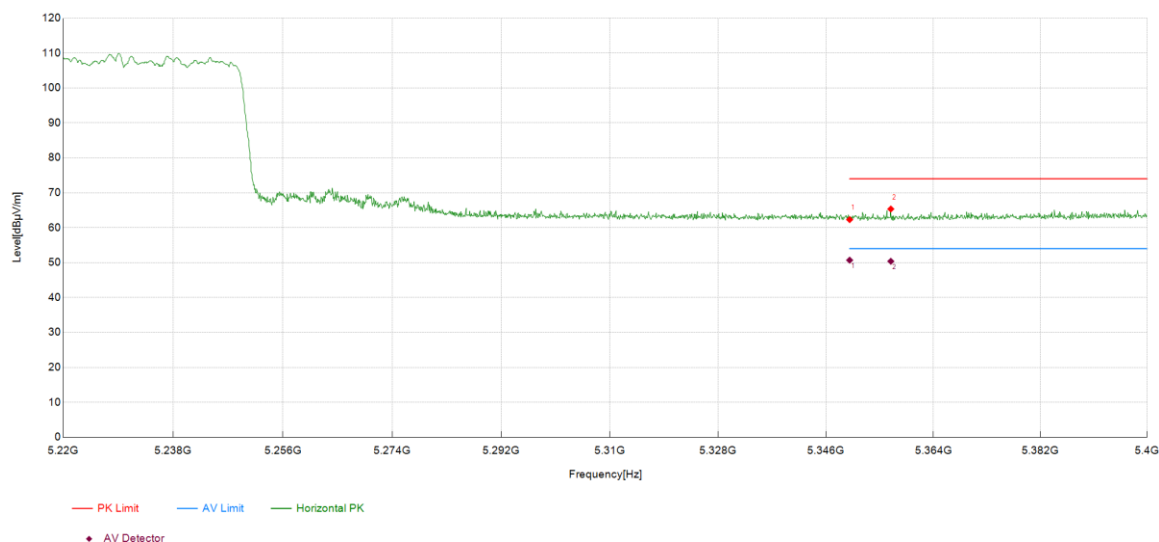
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX40 5230MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5350.00	54.40	62.31	7.91	74.00	11.69	Peak	HORIZONTAL
		42.79	50.70	7.91	54.00	3.30	Average	HORIZONTAL
2	5356.89	57.39	65.35	7.96	74.00	8.65	Peak	HORIZONTAL
		42.42	50.38	7.96	54.00	3.62	Average	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

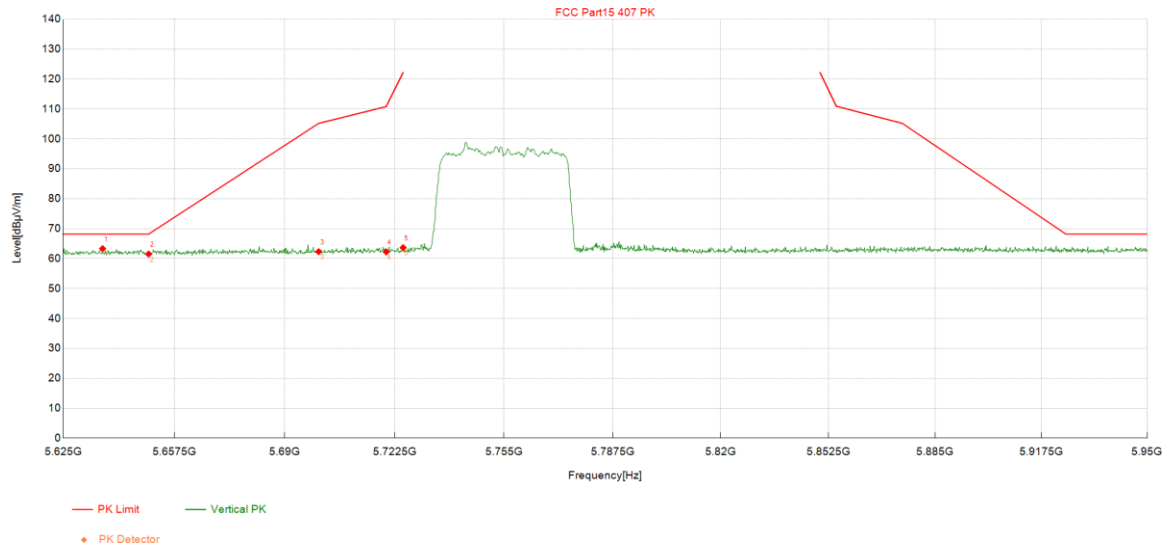
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX40 5755MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5636.54	54.96	63.33	8.37	68.20	4.87	Peak	VERTICAL
2	5650.00	53.12	61.52	8.40	68.22	6.70	Peak	VERTICAL
3	5700.00	53.90	62.32	8.42	105.22	42.90	Peak	VERTICAL
4	5720.00	53.82	62.25	8.43	111.04	48.79	Peak	VERTICAL
5	5725.00	55.22	63.66	8.44	-	-	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

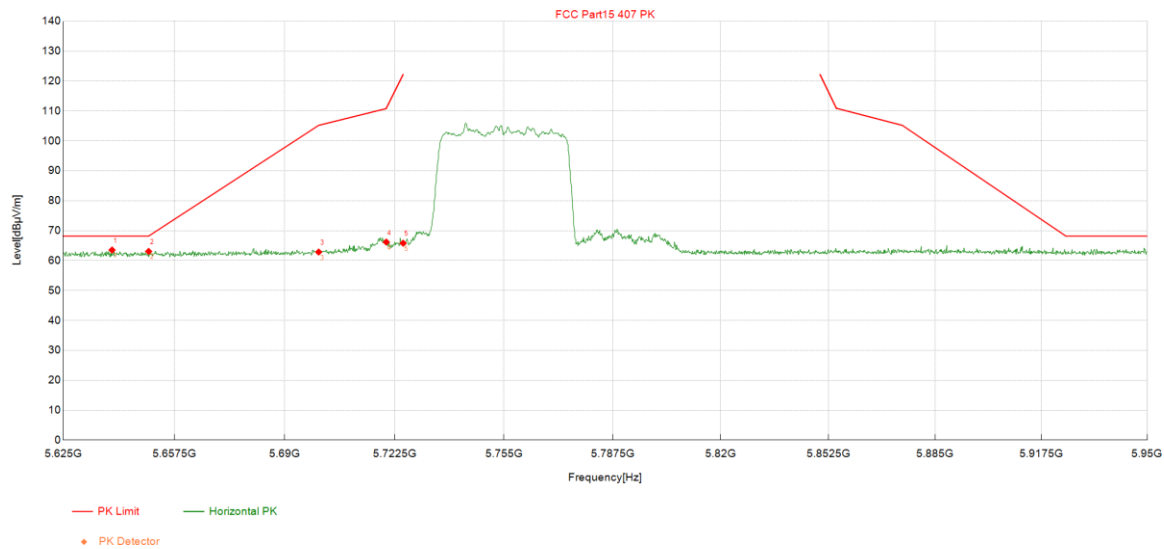
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX40 5755MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5639.30	55.16	63.54	8.38	68.20	4.66	Peak	HORIZONTAL
2	5650.00	54.67	63.07	8.40	68.22	5.15	Peak	HORIZONTAL
3	5700.00	54.45	62.87	8.42	105.22	42.35	Peak	HORIZONTAL
4	5720.00	57.76	66.19	8.43	111.04	44.85	Peak	HORIZONTAL
5	5725.00	57.39	65.83	8.44	-	-	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

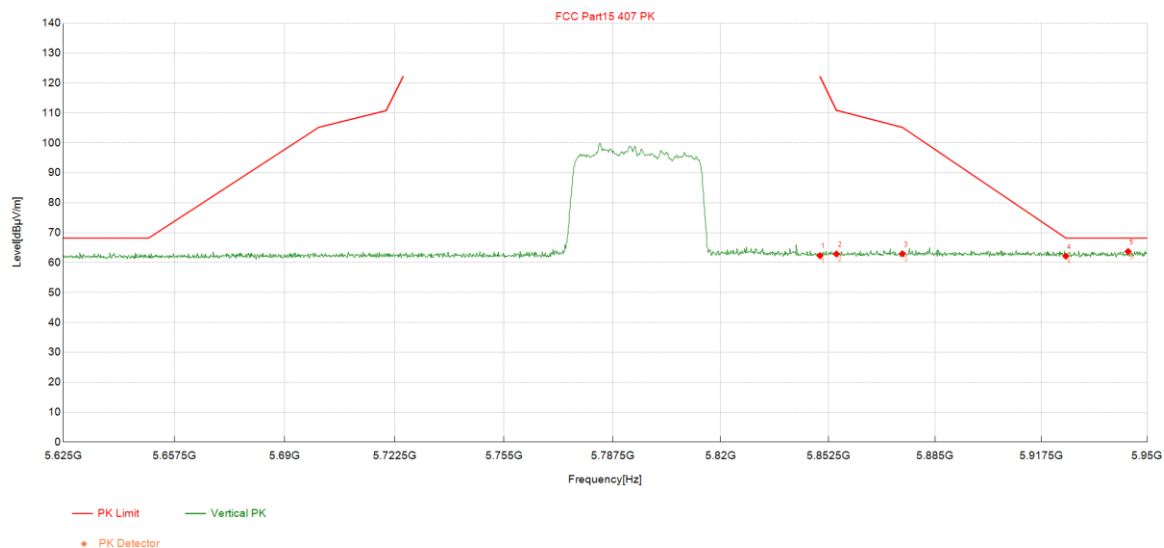
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX40 5795MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5850.00	53.46	62.32	8.86	122.06	59.74	Peak	VERTICAL
2	5855.00	54.04	62.88	8.84	110.87	47.99	Peak	VERTICAL
3	5875.00	54.18	62.94	8.76	105.13	42.19	Peak	VERTICAL
4	5925.00	53.48	62.17	8.69	68.20	6.03	Peak	VERTICAL
5	5944.15	55.01	63.71	8.70	68.20	4.49	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

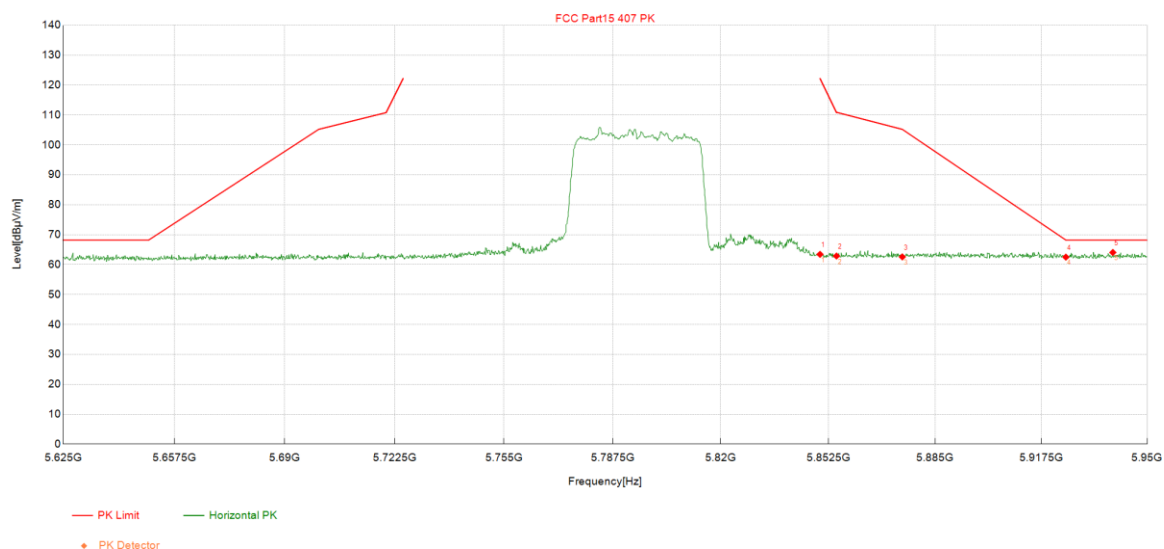
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX40 5795MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5850.00	54.57	63.43	8.86	122.06	58.63	Peak	HORIZONTAL
2	5855.00	54.03	62.87	8.84	110.87	48.00	Peak	HORIZONTAL
3	5875.00	53.82	62.58	8.76	105.13	42.55	Peak	HORIZONTAL
4	5925.00	53.82	62.51	8.69	68.20	5.69	Peak	HORIZONTAL
5	5939.44	55.37	64.06	8.69	68.20	4.14	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

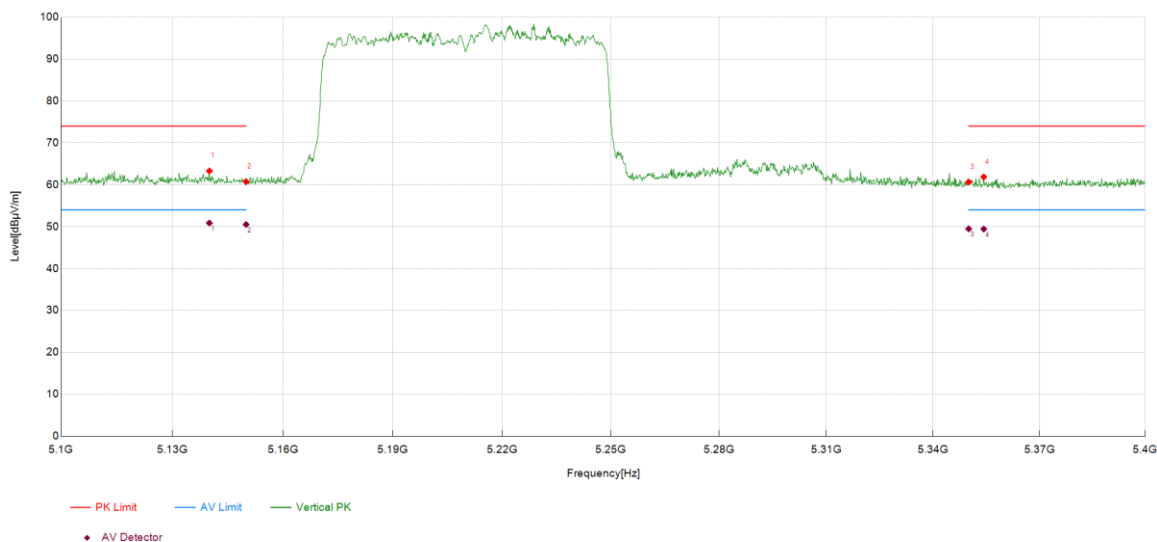
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX80 5210MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5140.05	55.43	63.30	7.87	74.00	10.70	Peak	VERTICAL
		43.00	50.87	7.87	54.00	3.13	Average	VERTICAL
2	5150.00	52.86	60.76	7.90	68.20	7.44	Peak	VERTICAL
		42.63	50.53	7.90	54.00	3.47	Average	VERTICAL
3	5350.00	52.76	60.67	7.91	74.00	13.33	Peak	VERTICAL
		41.58	49.49	7.91	54.00	4.51	Average	VERTICAL
4	5354.25	53.93	61.87	7.94	74.00	12.13	Peak	VERTICAL
		41.50	49.44	7.94	54.00	4.56	Average	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX80 5210MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5133.45	64.98	72.82	7.84	74.00	1.18	Peak	HORIZONTAL
		42.04	49.88	7.84	54.00	4.12	Average	HORIZONTAL
2	5150.00	60.04	67.94	7.90	68.20	0.26	Peak	HORIZONTAL
		42.74	50.64	7.90	54.00	3.36	Average	HORIZONTAL
3	5350.00	53.48	61.39	7.91	74.00	12.61	Peak	HORIZONTAL
		42.50	50.41	7.91	54.00	3.59	Average	HORIZONTAL
4	5362.20	53.35	61.35	8.00	74.00	12.65	Peak	HORIZONTAL
		41.59	49.59	8.00	54.00	4.41	Average	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

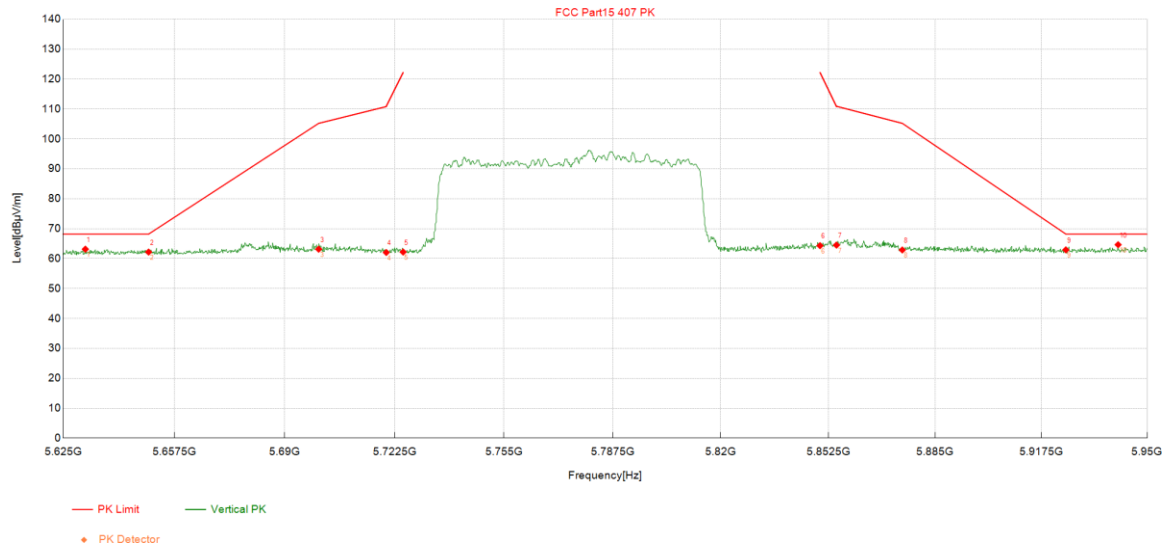
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX80 5775MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5631.50	54.79	63.16	8.37	68.20	5.04	Peak	VERTICAL
2	5650.00	53.79	62.19	8.40	68.22	6.03	Peak	VERTICAL
3	5700.00	54.73	63.15	8.42	105.22	42.07	Peak	VERTICAL
4	5720.00	53.61	62.04	8.43	111.04	49.00	Peak	VERTICAL
5	5725.00	53.77	62.21	8.44	-	-	Peak	VERTICAL
6	5850.00	55.47	64.33	8.86	122.06	57.73	Peak	VERTICAL
7	5855.00	55.68	64.52	8.84	110.87	46.35	Peak	VERTICAL
8	5875.00	54.13	62.89	8.76	105.13	42.24	Peak	VERTICAL
9	5925.00	54.23	62.92	8.69	68.20	5.28	Peak	VERTICAL
10	5941.06	55.96	64.65	8.69	68.20	3.55	Peak	VERTICAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

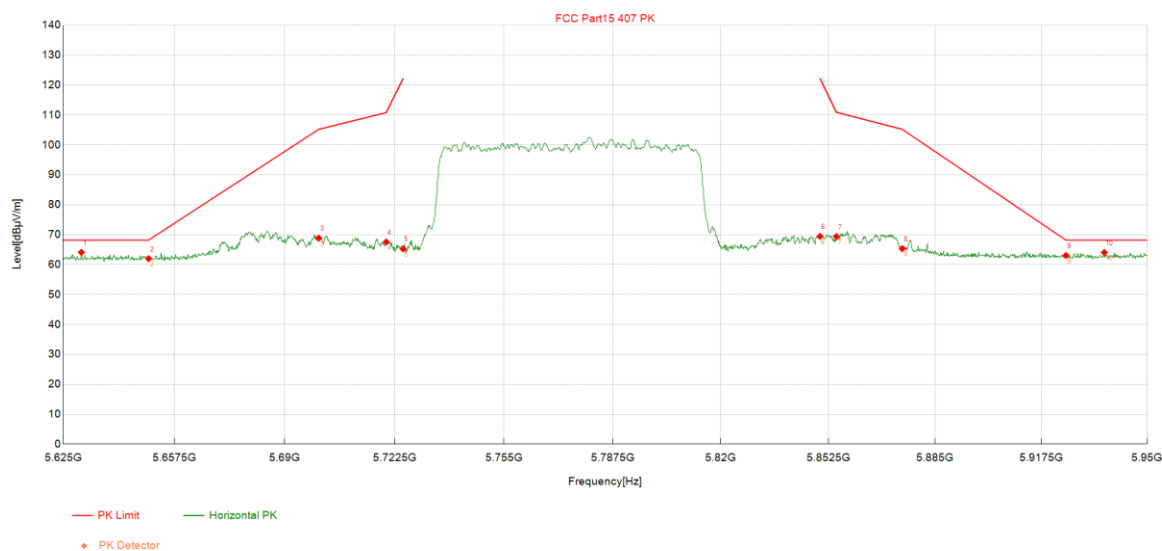
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

Radiated Emission Test Result

Memo : 11AX80 5775MHz



Item	Freq.	Read Level	Result Level	Factor	Limit Line	Over Limit	Detector	Polarization
(Mark)	(MHz)	(dBμV)	(dBμV/m)	dB/m	(dBμV/m)	(dB)		
1	5630.36	55.74	64.10	8.36	68.20	4.10	Peak	HORIZONTAL
2	5650.00	53.59	61.99	8.40	68.22	6.23	Peak	HORIZONTAL
3	5700.00	60.44	68.86	8.42	105.22	36.36	Peak	HORIZONTAL
4	5720.00	59.15	67.58	8.43	111.04	43.46	Peak	HORIZONTAL
5	5725.00	56.82	65.26	8.44	-	-	Peak	HORIZONTAL
6	5850.00	60.58	69.44	8.86	122.06	52.62	Peak	HORIZONTAL
7	5855.00	60.55	69.39	8.84	110.87	41.48	Peak	HORIZONTAL
8	5875.00	56.59	65.35	8.76	105.13	39.78	Peak	HORIZONTAL
9	5925.00	54.36	63.05	8.69	68.20	5.15	Peak	HORIZONTAL
10	5936.84	55.36	64.05	8.69	68.20	4.15	Peak	HORIZONTAL

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.

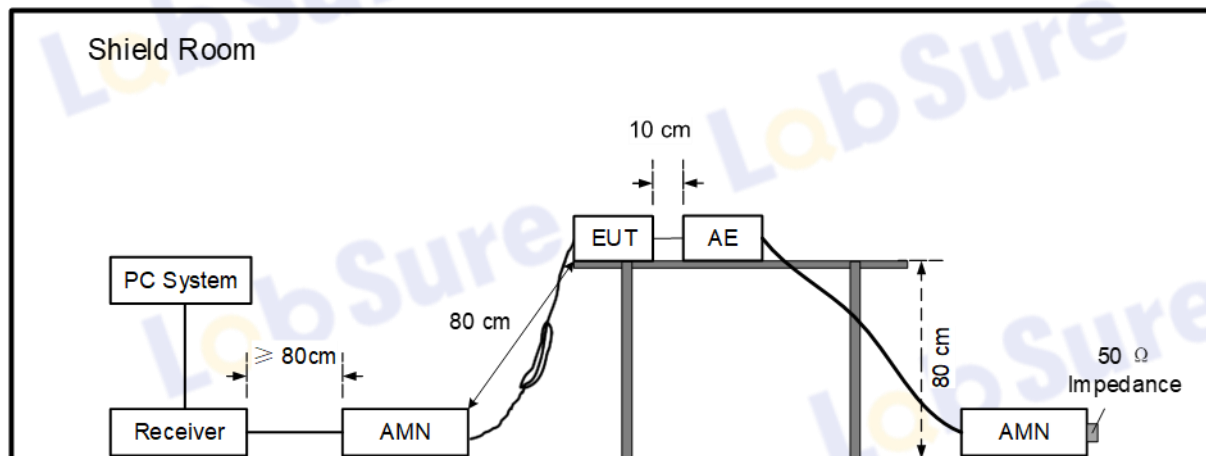
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

4. Margin = Result Level - Limit.

10. Power Line Conducted Emission

10.1. Block diagram of test setup



10.2. Power line conducted emission limits

Frequency	Quasi-Peak Level dB(μ V)	Average Level dB(μ V)
150 kHz ~ 500 kHz	66 ~ 56*	56 ~ 46*
500 kHz ~ 5 MHz	56	46
5 MHz ~ 30 MHz	60	50

Note 1: * Decreasing linearly with logarithm of frequency.

Note 2: The lower limit shall apply at the transition frequencies.

10.3. Test procedure

The EUT and Support equipment, if needed, were put placed on a non-metallic table, 80 cm above the ground plane.

Configuration EUT to simulate typical usage as described in clause 2.4 and test equipment as described in clause 3.0 of this report.

All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.

All support equipment power received from a second LISN.

Emissions were measured on each current carrying line of the EUT using an EMI Test Receiver connected to the LISN powering the EUT.

The Receiver scanned from 150 kHz to 30 MHz for emissions in each of the test modes.

During the above scans, the emissions were maximized by cable manipulation.

The test mode(s) described in clause 2.4 were scanned during the preliminary test.

After the preliminary scan, we found the test mode producing the highest emission level.

The EUT configuration and worse cable configuration of the above highest emission levels were recorded for reference of the final test.

EUT and support equipment were set up on the test bench as per the configuration with highest emission level in the preliminary test.

A scan was taken on both power lines, Neutral and Line, recording at least the six highest emissions.

Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit.

The test data of the worst-case condition(s) was recorded.

The bandwidth of test receiver is set at 9 kHz.

10.4. Test result

TEST ENVIRONMENT

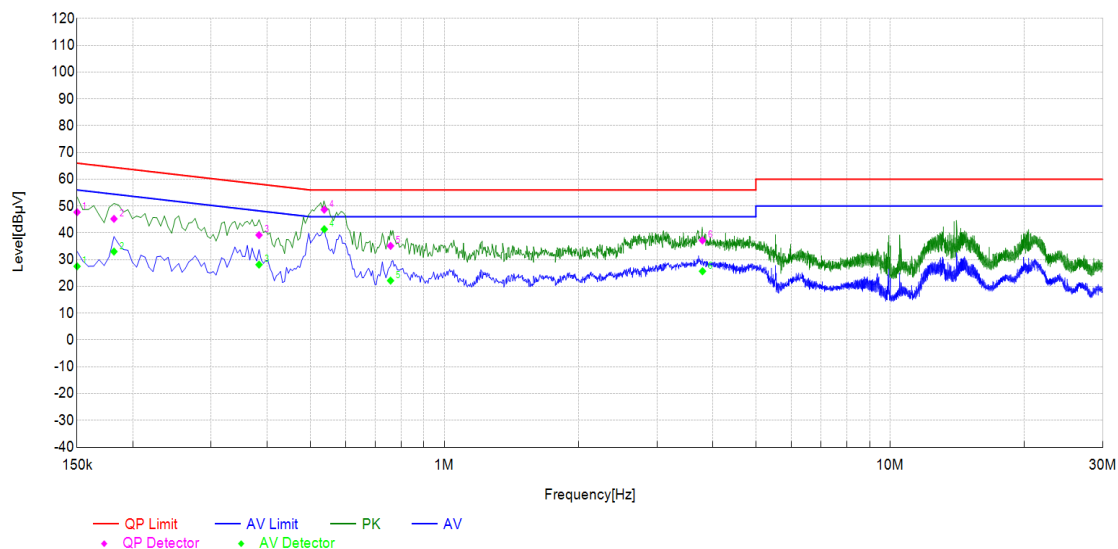
Temperature	21.2 °C	Relative Humidity	56.3%
Atmosphere Pressure	101.2kPa	Test Voltage	AC 120V 60Hz

PASS. (See below detailed test result)

Note1: All emissions not reported below are too low against the prescribed limits.

Note2: "-----" means Peak detection; "-----" means Average detection.

Conducted Emission Test Result

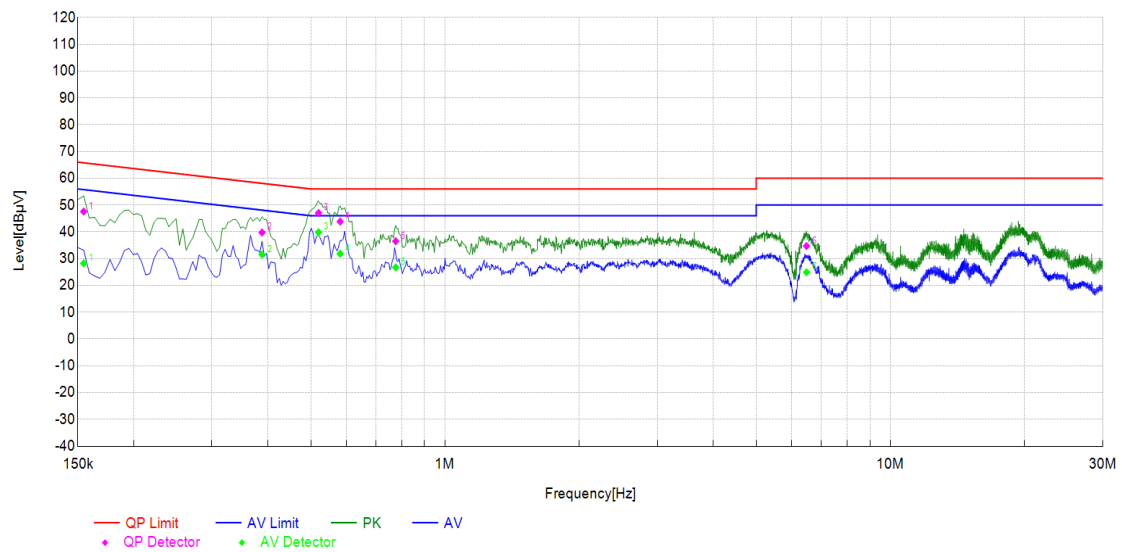


Final Data List

NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Phase	Verdict
1	0.1500	19.25	28.44	47.69	66.00	18.31	8.23	27.48	56.00	28.52	L	PASS
2	0.1815	19.26	25.95	45.21	64.42	19.21	13.73	32.99	54.42	21.43	L	PASS
3	0.3840	19.19	19.96	39.15	58.19	19.04	8.93	28.12	48.19	20.07	L	PASS
4	0.5378	19.11	29.53	48.64	56.00	7.36	22.22	41.33	46.00	4.67	L	PASS
5	0.7575	18.98	16.13	35.11	56.00	20.89	3.17	22.15	46.00	23.85	L	PASS
6	3.7950	19.58	17.59	37.17	56.00	18.83	6.08	25.66	46.00	20.34	L	PASS

Note:(1)Result Level=Reading Level+ LISN Factor

(2)Margin=Limit- Result Level



Final Data List

NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV]	QP Limit [dBμV]	QP Margin [dB]	AV Reading [dBμV]	AV Value [dBμV]	AV Limit [dBμV]	AV Margin [dB]	Phase	Verdict
1	0.1545	19.25	28.33	47.58	65.75	18.17	8.99	28.24	55.75	27.51	N	PASS
2	0.3885	19.18	20.57	39.75	58.10	18.35	12.35	31.53	48.10	16.57	N	PASS
3	0.5203	19.12	27.91	47.03	56.00	8.97	20.71	39.83	46.00	6.17	N	PASS
4	0.5820	19.08	24.74	43.82	56.00	12.18	12.73	31.81	46.00	14.19	N	PASS
5	0.7755	18.97	17.52	36.49	56.00	19.51	7.74	26.71	46.00	19.29	N	PASS
6	6.4860	19.96	14.73	34.69	60.00	25.31	4.95	24.91	50.00	25.09	N	PASS

Note:(1)Result Level=Reading Level+ LISN Factor

(2)Margin=Limit- Result Level

11. Antenna Requirements

11.1. Limit

For intentional device, according to FCC 47 CFR Section 15.203, 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. And according to FCC 47 CFR Section 15.247 (b), 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.

11.2. Result

The antennas used for this product are ceramic antenna and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is 0.19 dBi.

12. Test setup photograph

See the Appendix Test Setup Photos

13. Photos of the EUT

See the Appendix External EUT Photos and Appendix Internal EUT Photos

END OF REPORT