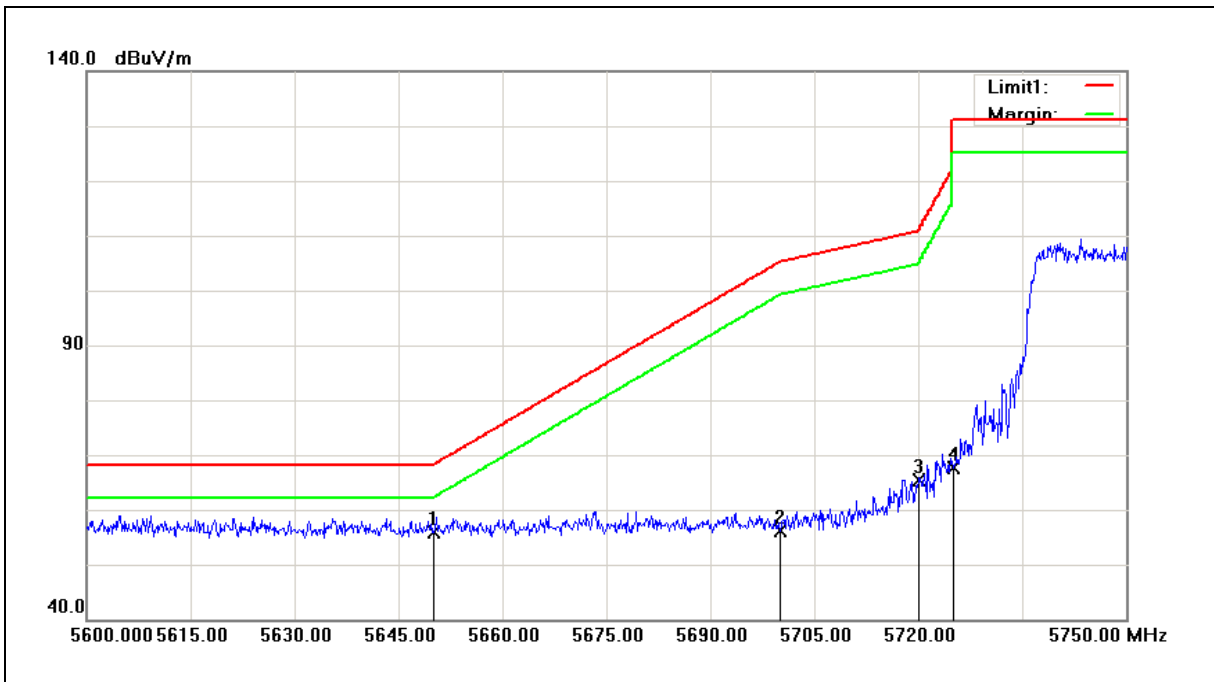




Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5745MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 2	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.29	9.53	55.82	68.20	-12.38	peak
2	5700.000	46.48	9.64	56.12	105.20	-49.08	peak
3	5720.000	55.57	9.69	65.26	110.80	-45.54	peak
4	5725.000	58.01	9.70	67.71	122.20	-54.49	peak

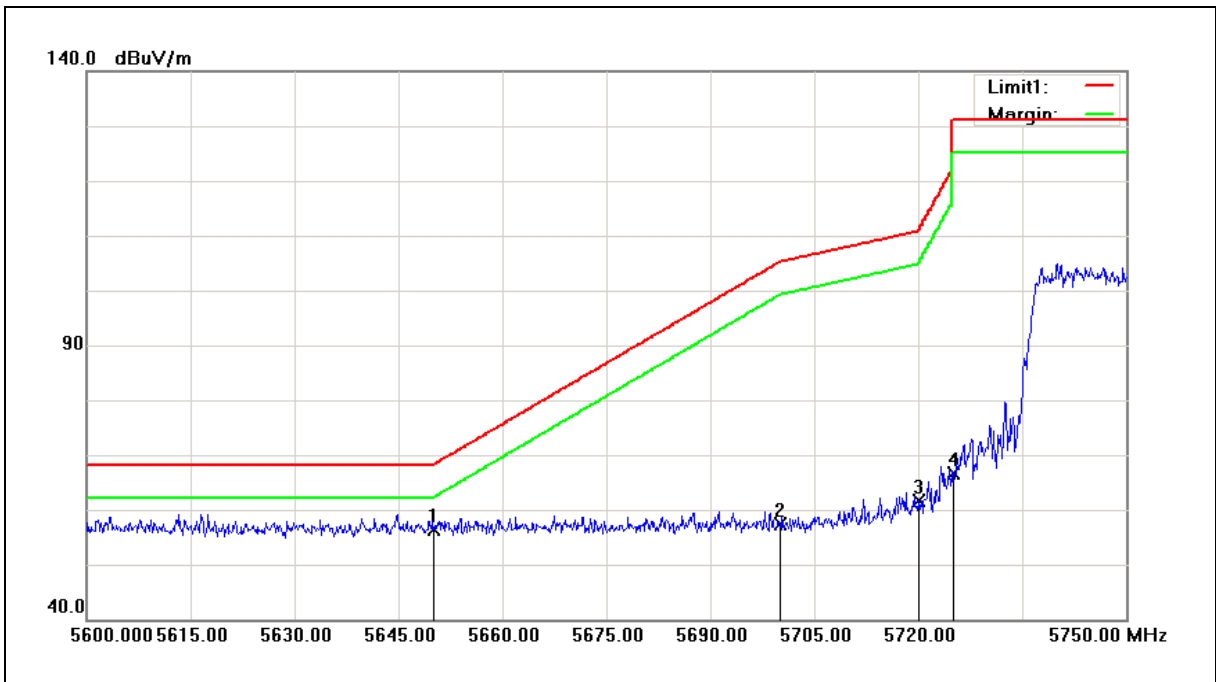
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5745MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 2	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.79	9.53	56.32	68.20	-11.88	peak
2	5700.000	47.66	9.64	57.30	105.20	-47.90	peak
3	5720.000	51.96	9.69	61.65	110.80	-49.15	peak
4	5725.000	57.05	9.70	66.75	122.20	-55.45	peak

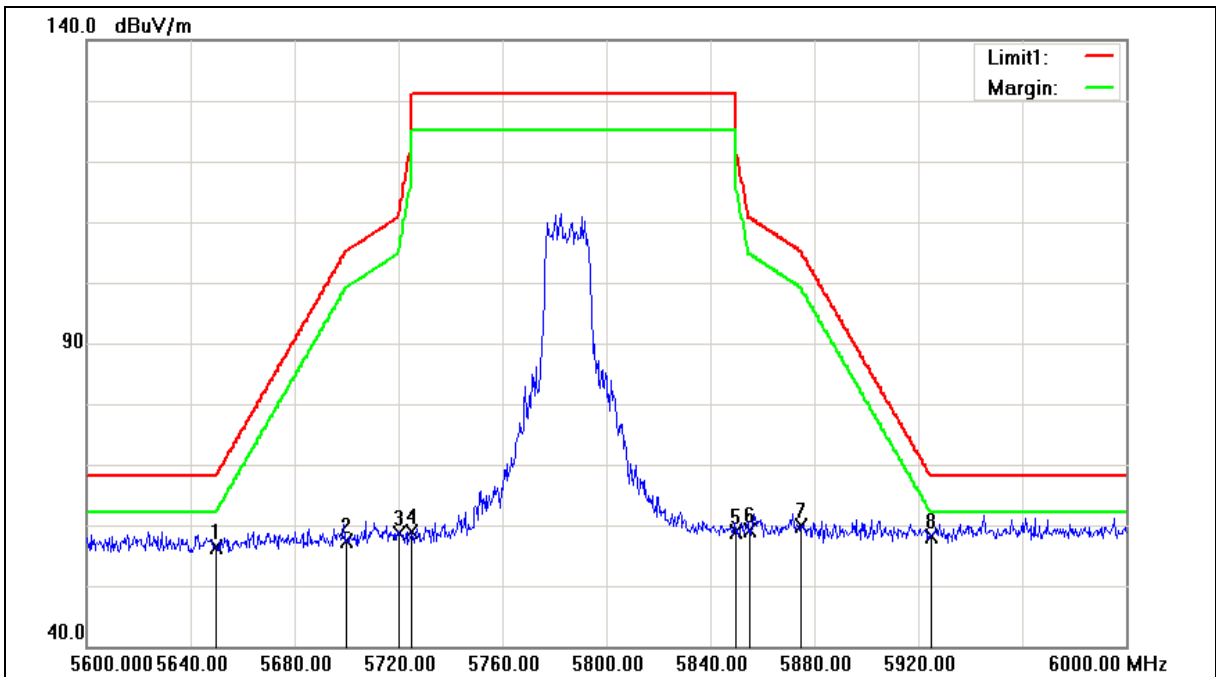
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5785MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 2	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5785MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 2	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.84	9.53	56.37	68.20	-11.83	peak
2	5700.000	47.75	9.64	57.39	105.20	-47.81	peak
3	5720.000	48.84	9.69	58.53	110.80	-52.27	peak
4	5725.000	49.20	9.70	58.90	122.20	-63.30	peak
5	5850.000	48.88	9.98	58.86	122.20	-63.34	peak
6	5855.000	49.21	9.99	59.20	110.80	-51.60	peak
7	5875.000	49.72	10.04	59.76	105.20	-45.44	peak
8	5925.000	48.07	10.16	58.23	68.20	-9.97	peak

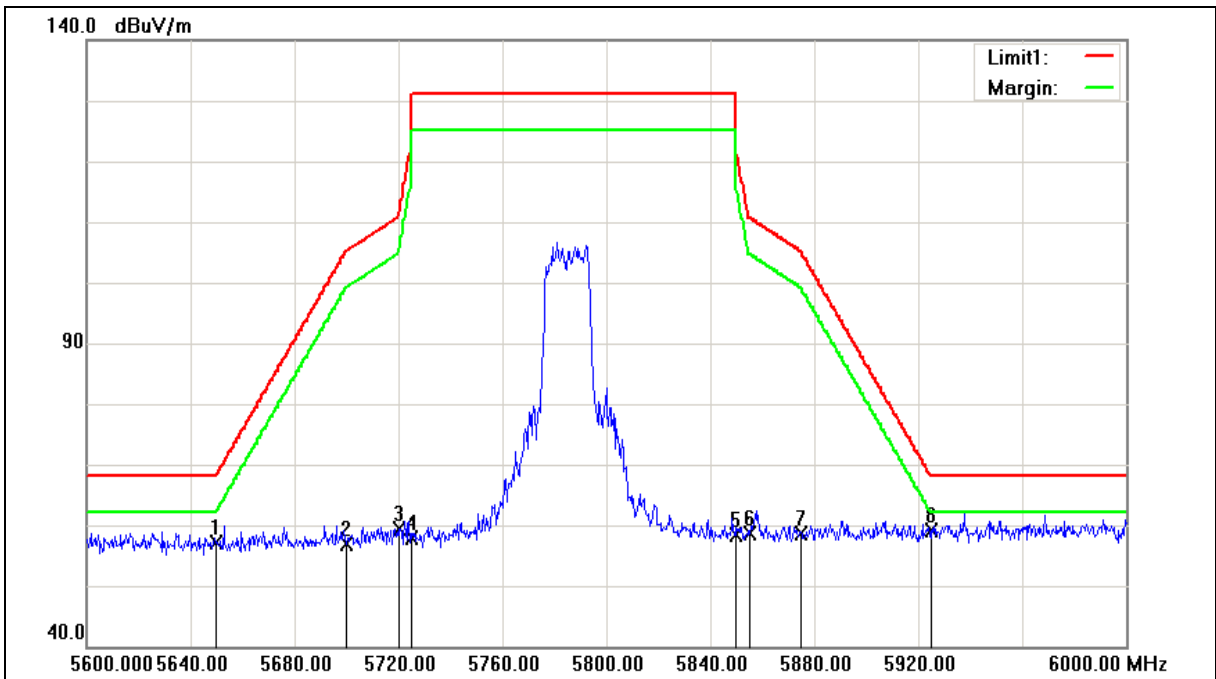
Note:1. Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5785MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 2	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5785MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 2	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.57	9.53	57.10	68.20	-11.10	peak
2	5700.000	47.36	9.64	57.00	105.20	-48.20	peak
3	5720.000	49.79	9.69	59.48	110.80	-51.32	peak
4	5725.000	48.11	9.70	57.81	122.20	-64.39	peak
5	5850.000	48.38	9.98	58.36	122.20	-63.84	peak
6	5855.000	48.70	9.99	58.69	110.80	-52.11	peak
7	5875.000	48.67	10.04	58.71	105.20	-46.49	peak
8	5925.000	49.07	10.16	59.23	68.20	-8.97	peak

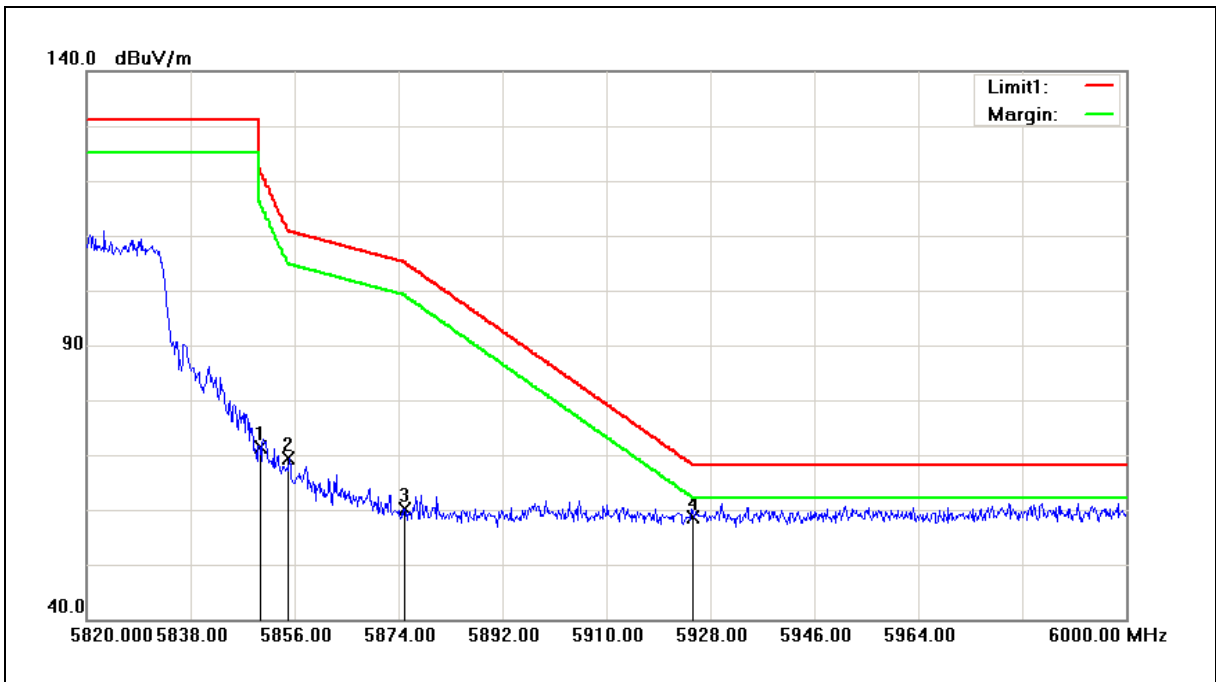
Note:1. Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5825MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 2	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	61.46	9.98	71.44	122.20	-50.76	peak
2	5855.000	59.33	9.99	69.32	110.80	-41.48	peak
3	5875.000	50.04	10.04	60.08	105.20	-45.12	peak
4	5925.000	48.53	10.16	58.69	68.20	-9.51	peak

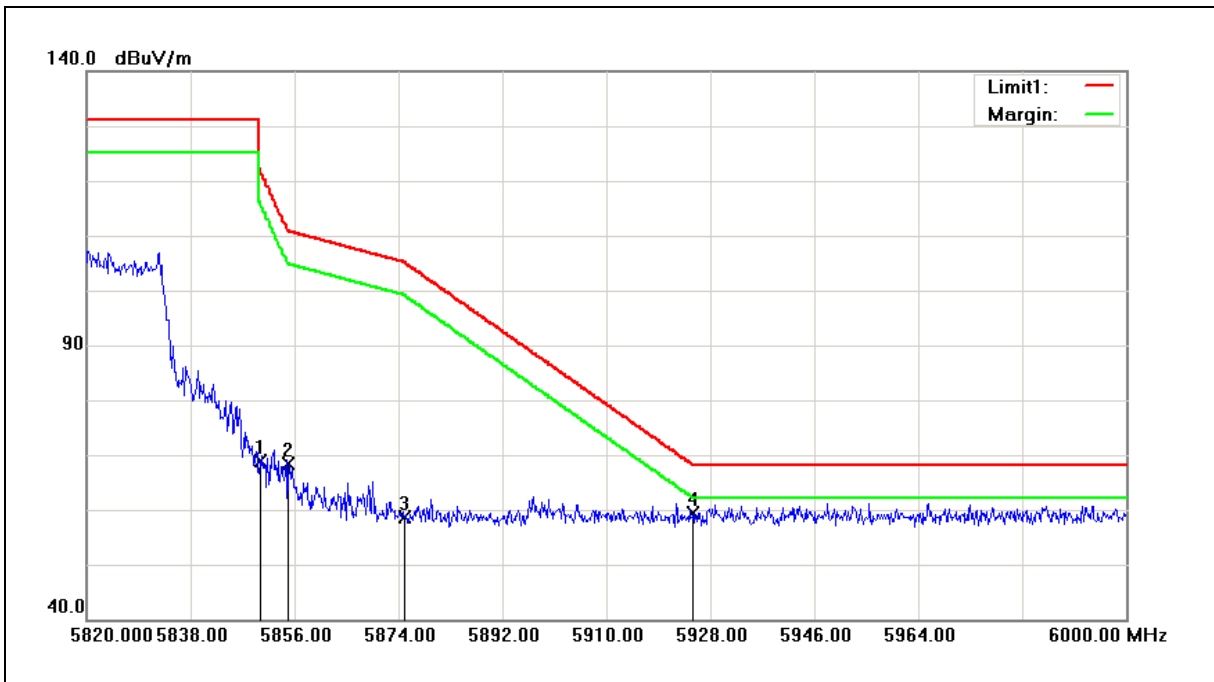
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5825MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 2	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	58.90	9.98	68.88	122.20	-53.32	peak
2	5855.000	58.27	9.99	68.26	110.80	-42.54	peak
3	5875.000	48.55	10.04	58.59	105.20	-46.61	peak
4	5925.000	49.15	10.16	59.31	68.20	-8.89	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

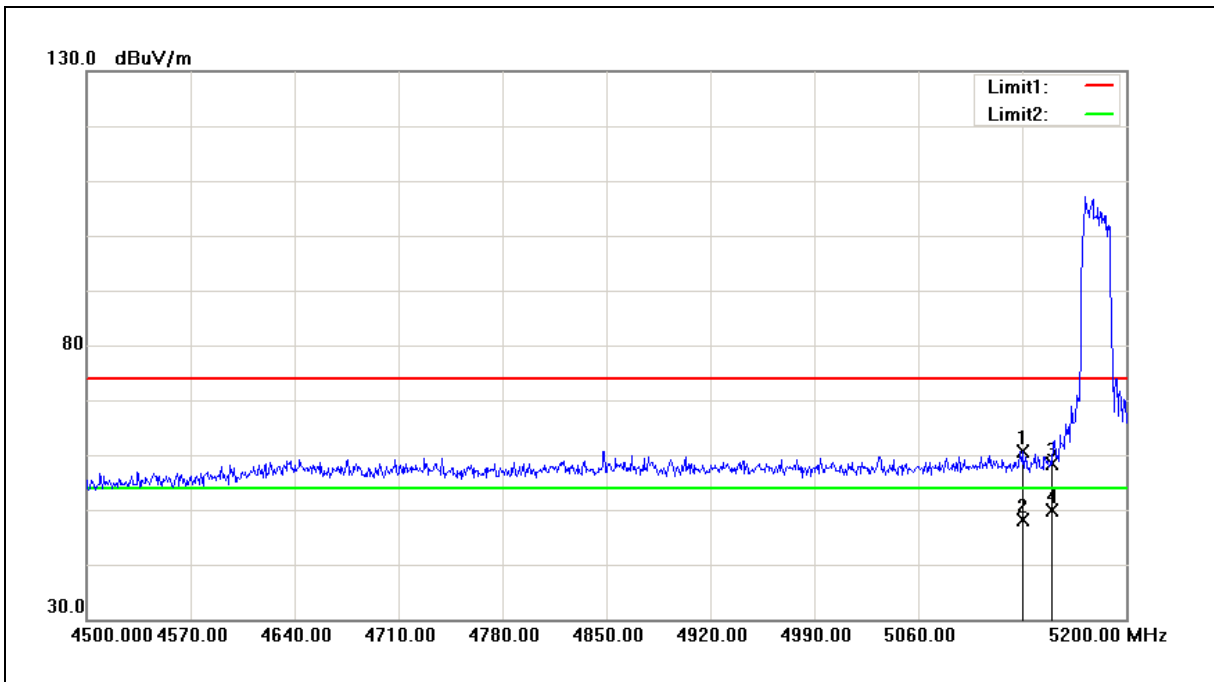
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5180MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5130.700	51.61	8.95	60.56	74.00	-13.44	peak
2	5130.700	39.21	8.95	48.16	54.00	-5.84	AVG
3	5150.000	49.39	8.97	58.36	74.00	-15.64	peak
4	5150.000	40.88	8.97	49.85	54.00	-4.15	AVG

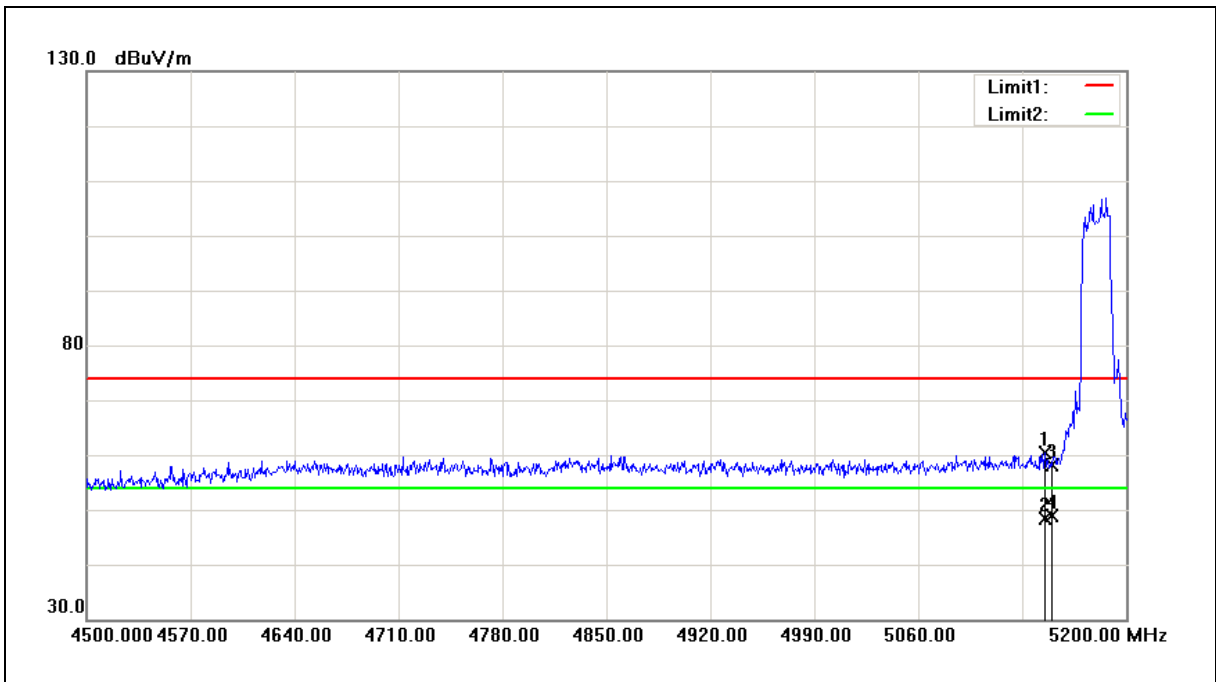
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5180MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5145.400	51.31	8.97	60.28	74.00	-13.72	peak
2	5145.400	39.46	8.97	48.43	54.00	-5.57	AVG
3	5150.000	49.23	8.97	58.20	74.00	-15.80	peak
4	5150.000	39.80	8.97	48.77	54.00	-5.23	AVG

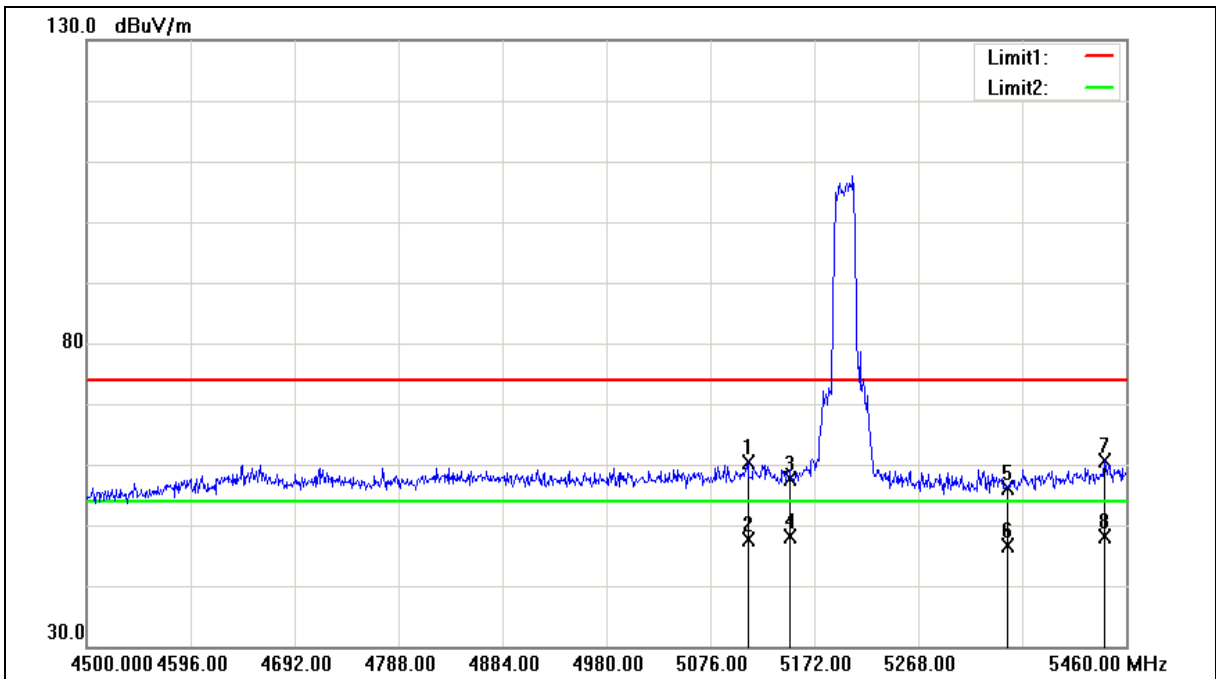
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5200MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5200MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5110.560	51.36	8.93	60.29	74.00	-13.71	peak
2	5110.560	38.65	8.93	47.58	54.00	-6.42	AVG
3	5150.000	48.67	8.97	57.64	74.00	-16.36	peak
4	5150.000	39.16	8.97	48.13	54.00	-5.87	AVG
5	5350.000	47.05	9.08	56.13	74.00	-17.87	peak
6	5350.000	37.63	9.08	46.71	54.00	-7.29	AVG
7	5439.840	51.44	9.15	60.59	74.00	-13.41	peak
8	5439.840	39.01	9.15	48.16	54.00	-5.84	AVG

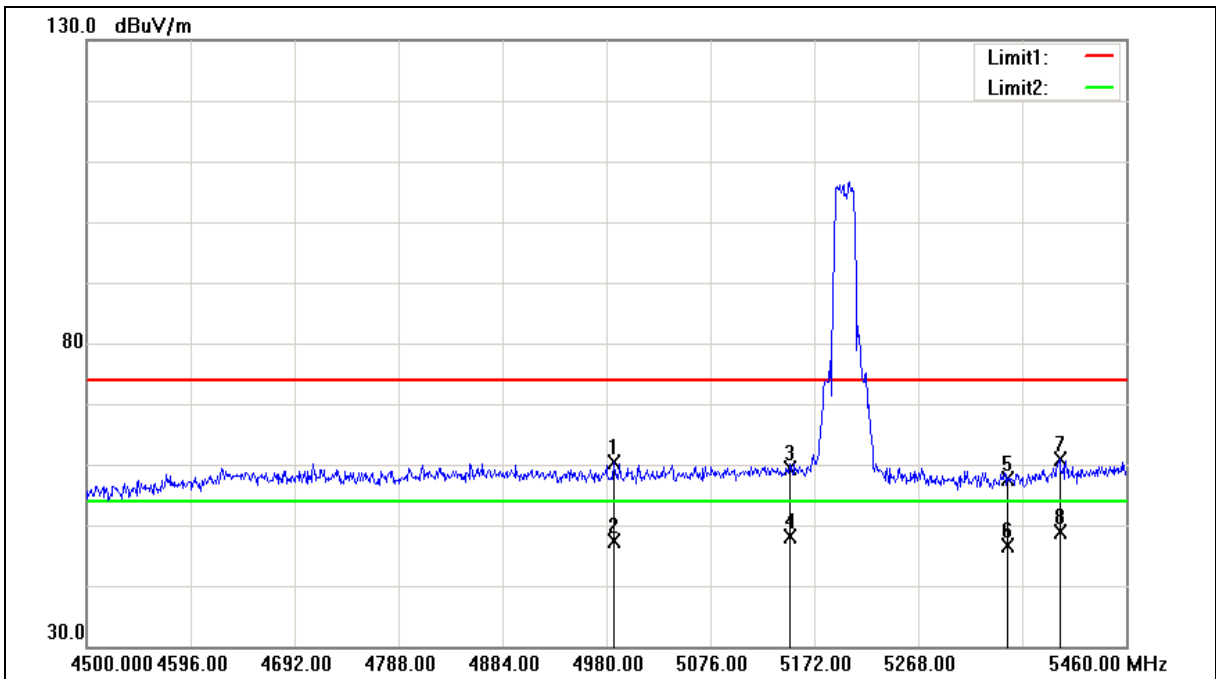
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5200MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5200MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4986.720	51.50	8.82	60.32	74.00	-13.68	peak
2	4986.720	38.54	8.82	47.36	54.00	-6.64	AVG
3	5150.000	50.33	8.97	59.30	74.00	-14.70	peak
4	5150.000	39.13	8.97	48.10	54.00	-5.90	AVG
5	5350.000	48.53	9.08	57.61	74.00	-16.39	peak
6	5350.000	37.52	9.08	46.60	54.00	-7.40	AVG
7	5398.560	51.72	9.12	60.84	74.00	-13.16	peak
8	5398.560	39.68	9.12	48.80	54.00	-5.20	AVG

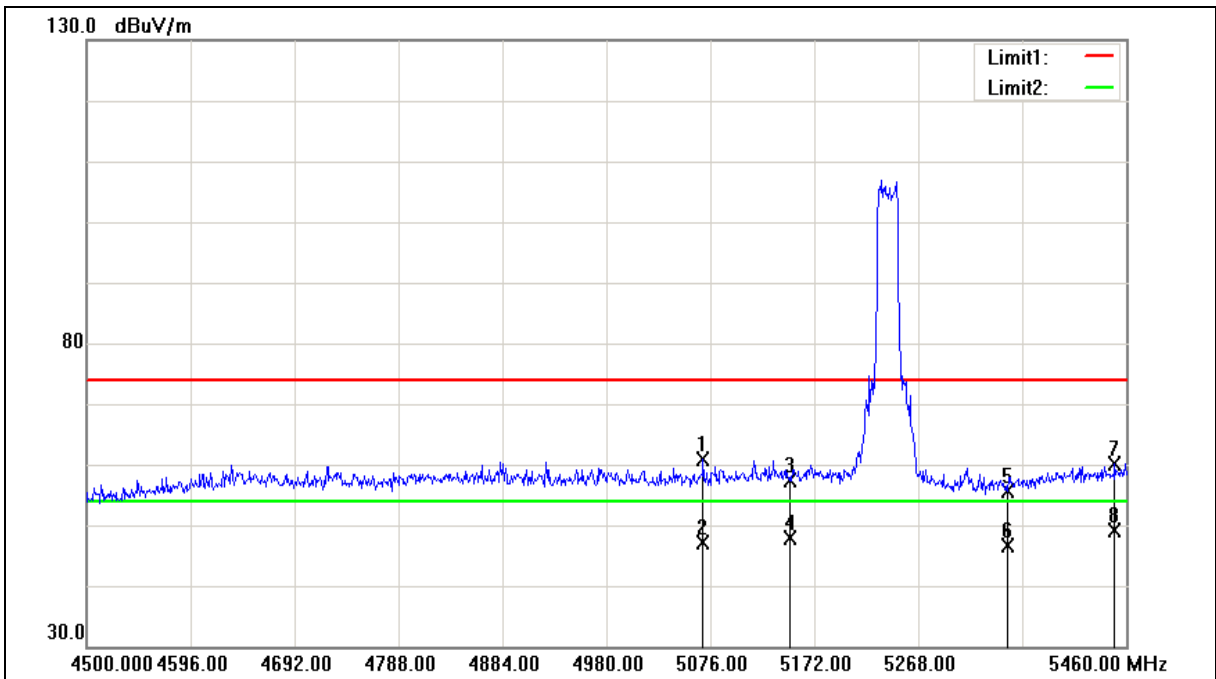
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5240MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5240MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5069.280	52.04	8.91	60.95	74.00	-13.05	peak
2	5069.280	38.33	8.91	47.24	54.00	-6.76	AVG
3	5150.000	48.44	8.97	57.41	74.00	-16.59	peak
4	5150.000	38.92	8.97	47.89	54.00	-6.11	AVG
5	5350.000	46.46	9.08	55.54	74.00	-18.46	peak
6	5350.000	37.52	9.08	46.60	54.00	-7.40	AVG
7	5449.440	50.90	9.15	60.05	74.00	-13.95	peak
8	5449.440	40.01	9.15	49.16	54.00	-4.84	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

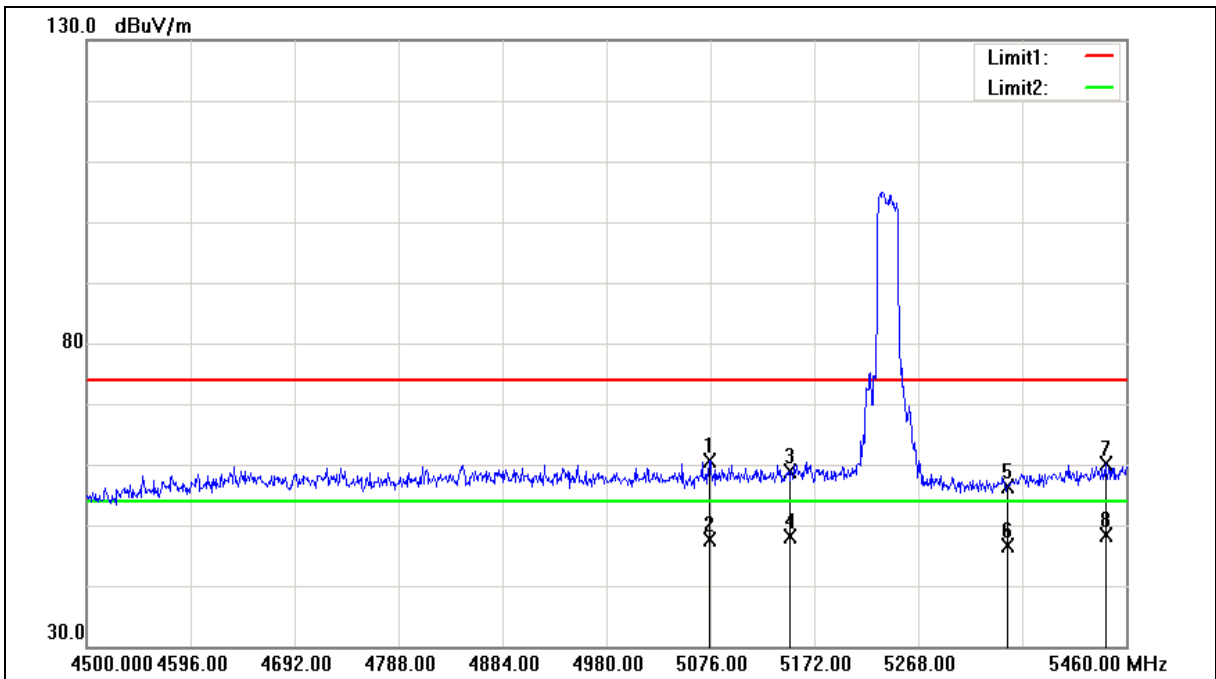
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5240MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5240MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5075.040	51.82	8.91	60.73	74.00	-13.27	peak
2	5075.040	38.81	8.91	47.72	54.00	-6.28	AVG
3	5150.000	49.82	8.97	58.79	74.00	-15.21	peak
4	5150.000	39.10	8.97	48.07	54.00	-5.93	AVG
5	5350.000	47.22	9.08	56.30	74.00	-17.70	peak
6	5350.000	37.50	9.08	46.58	54.00	-7.42	AVG
7	5440.800	51.07	9.15	60.22	74.00	-13.78	peak
8	5440.800	39.30	9.15	48.45	54.00	-5.55	AVG

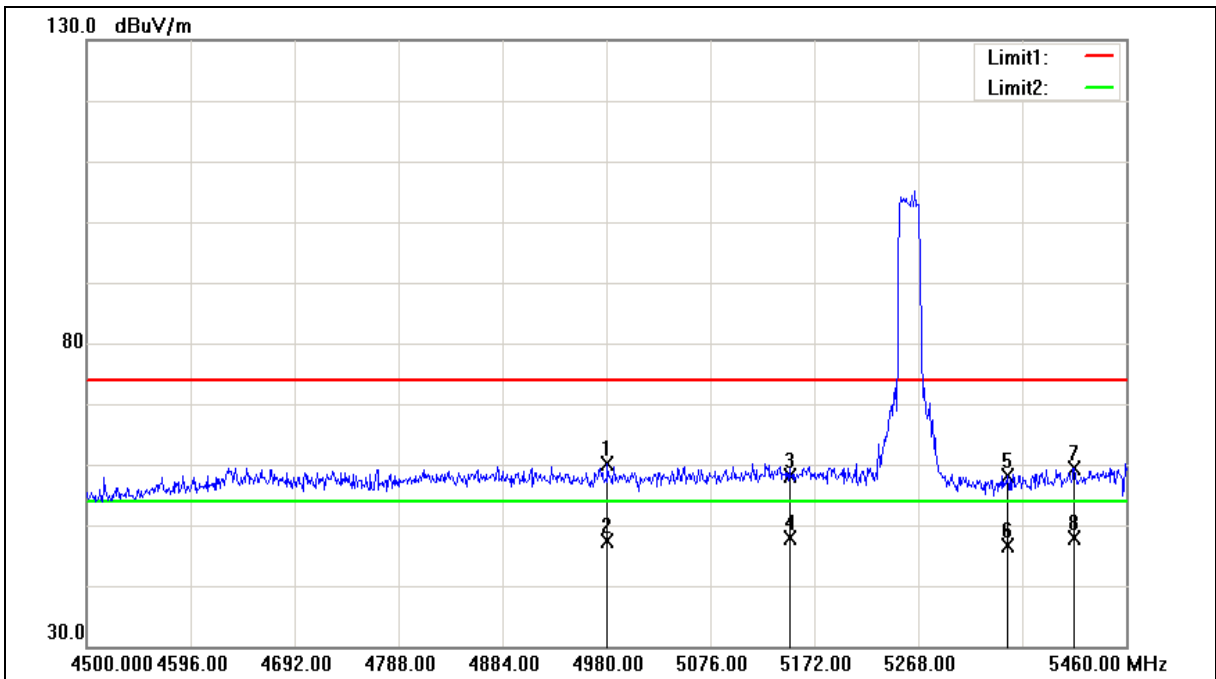
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5260MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5260MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4980.960	51.27	8.80	60.07	74.00	-13.93	peak
2	4980.960	38.61	8.80	47.41	54.00	-6.59	AVG
3	5150.000	49.16	8.97	58.13	74.00	-15.87	peak
4	5150.000	38.95	8.97	47.92	54.00	-6.08	AVG
5	5350.000	48.95	9.08	58.03	74.00	-15.97	peak
6	5350.000	37.55	9.08	46.63	54.00	-7.37	AVG
7	5412.000	50.26	9.12	59.38	74.00	-14.62	peak
8	5412.000	38.86	9.12	47.98	54.00	-6.02	AVG

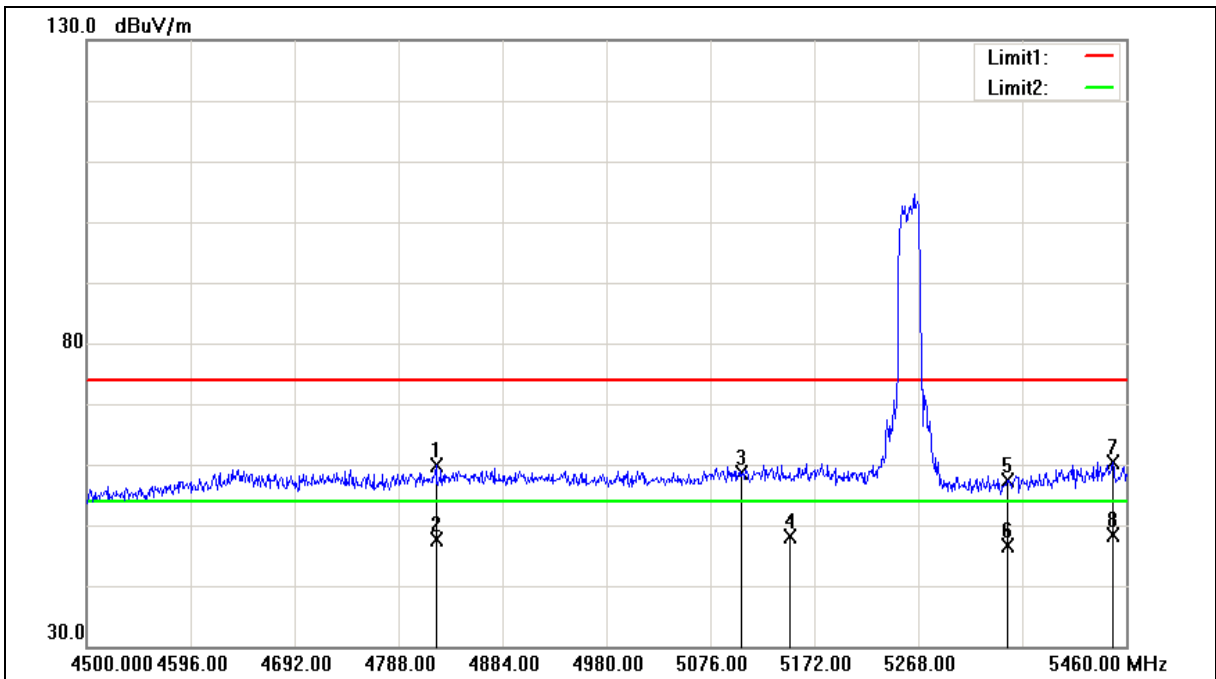
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5260MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5260MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4822.560	51.82	8.16	59.98	74.00	-14.02	peak
2	4822.560	39.41	8.16	47.57	54.00	-6.43	AVG
3	5105.000	49.70	8.93	58.63	74.00	-15.37	peak
4	5150.000	39.07	8.97	48.04	54.00	-5.96	AVG
5	5350.000	48.28	9.08	57.36	74.00	-16.64	peak
6	5350.000	37.59	9.08	46.67	54.00	-7.33	AVG
7	5447.520	51.24	9.15	60.39	74.00	-13.61	peak
8	5447.520	39.28	9.15	48.43	54.00	-5.57	AVG

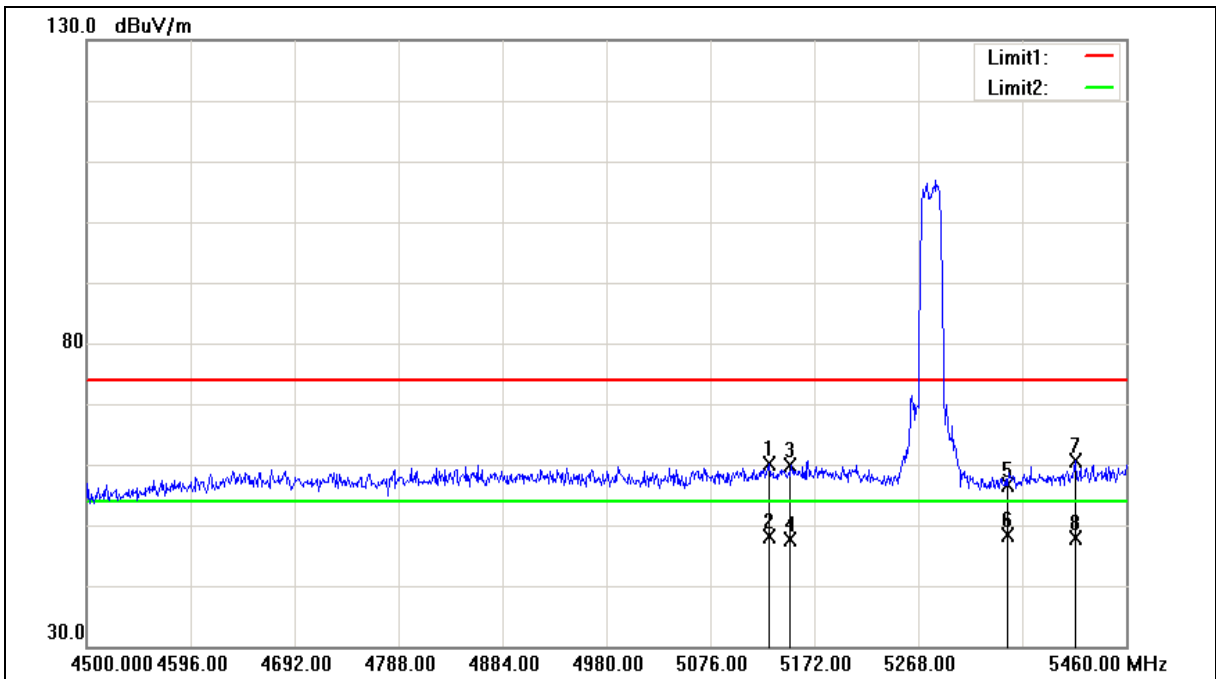
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5280MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5280MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5130.720	51.21	8.95	60.16	74.00	-13.84	peak
2	5130.720	39.14	8.95	48.09	54.00	-5.91	AVG
3	5150.000	50.89	8.97	59.86	74.00	-14.14	peak
4	5150.000	38.55	8.97	47.52	54.00	-6.48	AVG
5	5350.000	47.47	9.08	56.55	74.00	-17.45	peak
6	5350.000	39.19	9.08	48.27	54.00	-5.73	AVG
7	5412.960	51.60	9.13	60.73	74.00	-13.27	peak
8	5412.960	38.75	9.13	47.88	54.00	-6.12	AVG

Note:1. Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

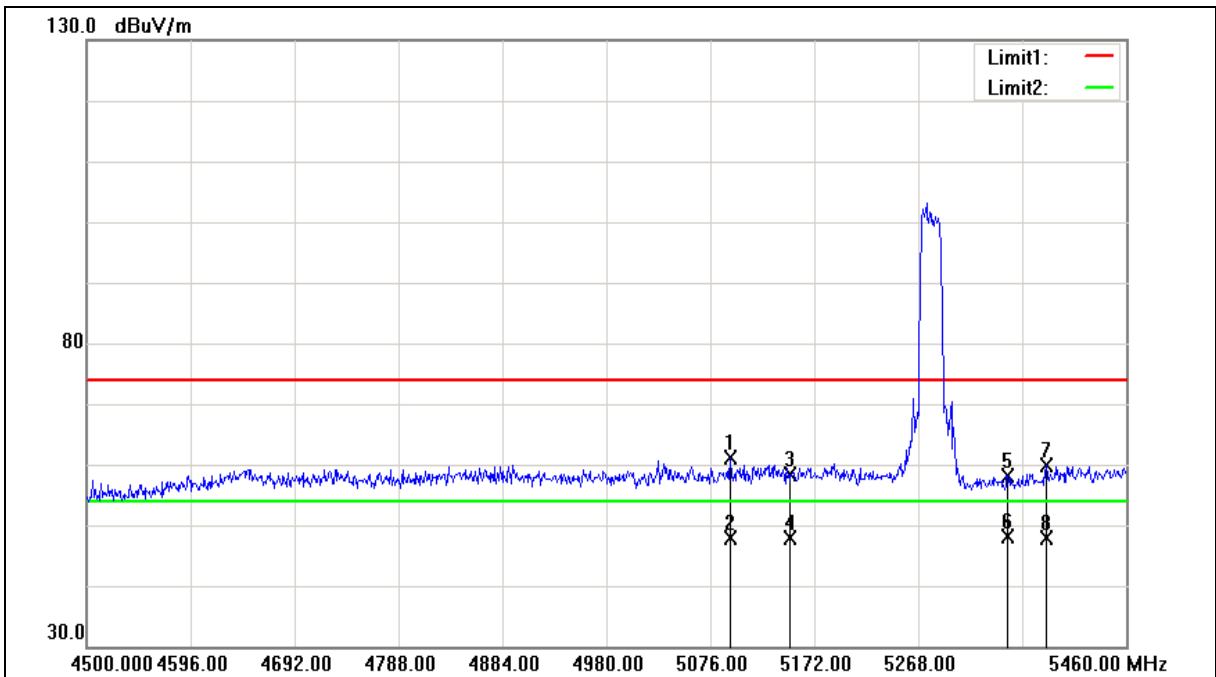
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5280MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5280MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5094.240	52.12	8.93	61.05	74.00	-12.95	peak
2	5094.240	38.99	8.93	47.92	54.00	-6.08	AVG
3	5150.000	49.51	8.97	58.48	74.00	-15.52	peak
4	5150.000	38.86	8.97	47.83	54.00	-6.17	AVG
5	5350.000	48.97	9.08	58.05	74.00	-15.95	peak
6	5350.000	39.09	9.08	48.17	54.00	-5.83	AVG
7	5386.080	50.89	9.11	60.00	74.00	-14.00	peak
8	5386.080	38.78	9.11	47.89	54.00	-6.11	AVG

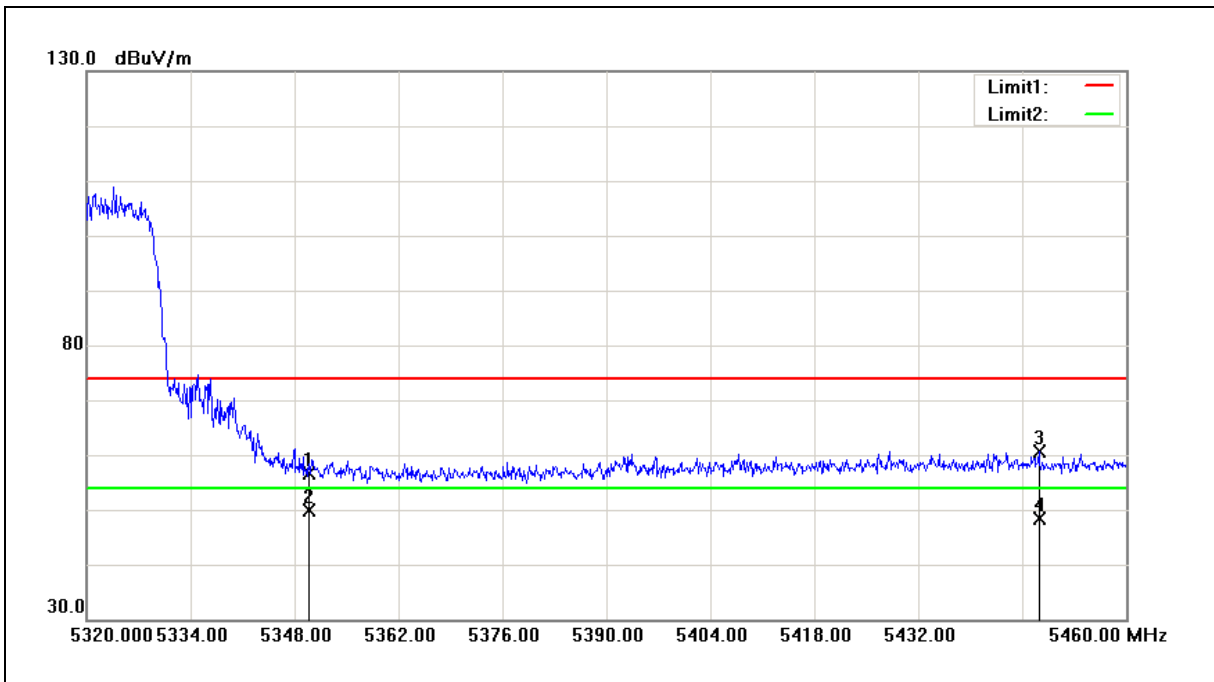
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5320MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	47.61	9.08	56.69	74.00	-17.31	peak
2	5350.000	40.78	9.08	49.86	54.00	-4.14	AVG
3	5448.240	51.57	9.15	60.72	74.00	-13.28	peak
4	5448.240	39.33	9.15	48.48	54.00	-5.52	AVG

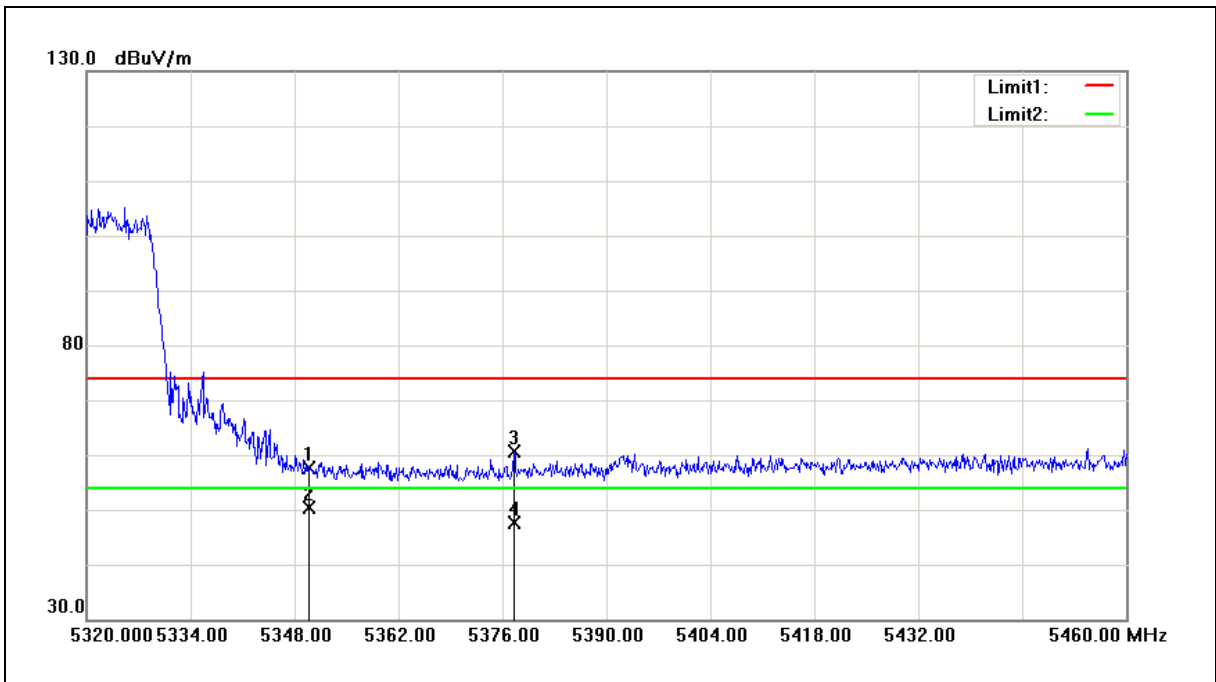
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5320MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	48.57	9.08	57.65	74.00	-16.35	peak
2	5350.000	41.28	9.08	50.36	54.00	-3.64	AVG
3	5377.540	51.61	9.11	60.72	74.00	-13.28	peak
4	5377.540	38.64	9.11	47.75	54.00	-6.25	AVG

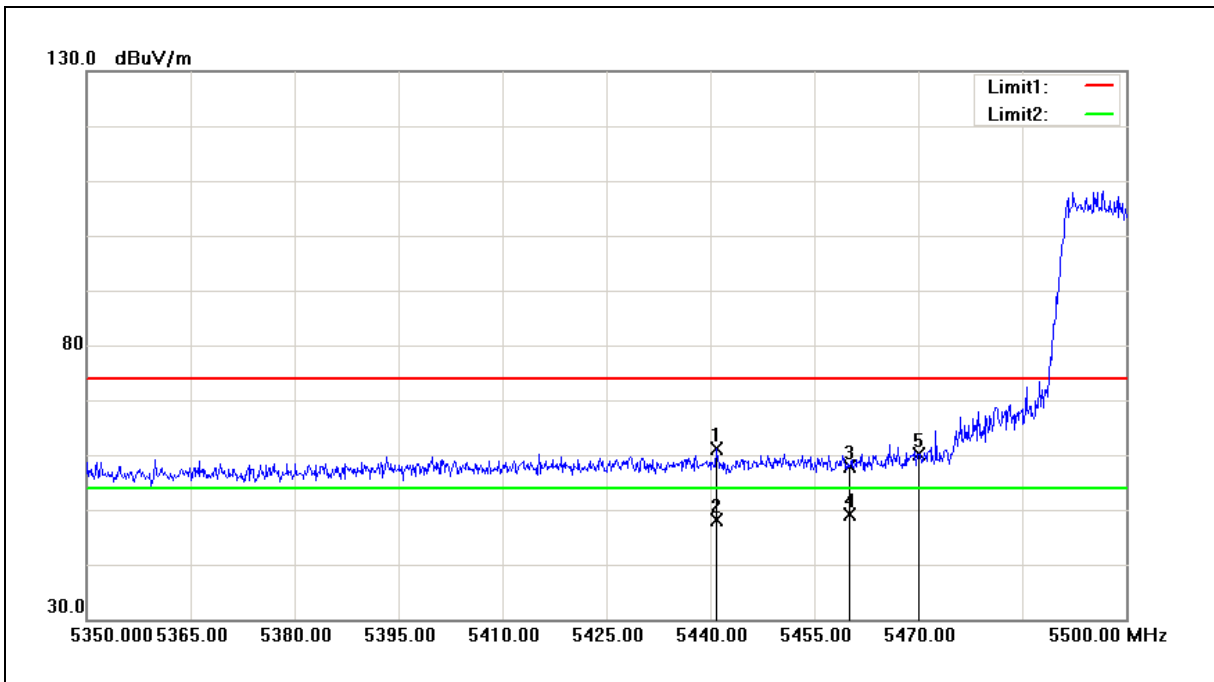
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5500MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5440.900	51.89	9.15	61.04	74.00	-12.96	peak
2	5440.900	38.99	9.15	48.14	54.00	-5.86	AVG
3	5460.000	48.74	9.15	57.89	74.00	-16.11	peak
4	5460.000	39.91	9.15	49.06	54.00	-4.94	AVG
5	5470.000	51.09	9.16	60.25	68.20	-7.95	peak

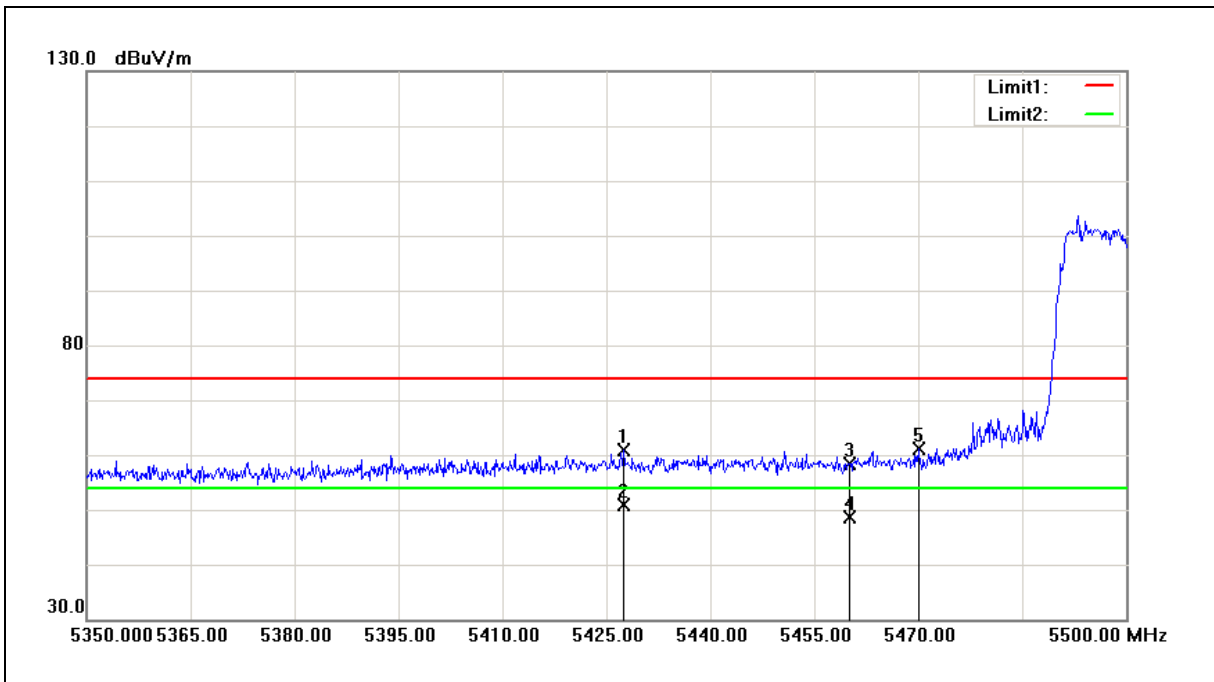
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5500MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5427.400	51.80	9.14	60.94	74.00	-13.06	peak
2	5427.400	41.72	9.14	50.86	54.00	-3.14	AVG
3	5460.000	49.16	9.15	58.31	74.00	-15.69	peak
4	5460.000	39.48	9.15	48.63	54.00	-5.37	AVG
5	5470.000	52.01	9.16	61.17	68.20	-7.03	peak

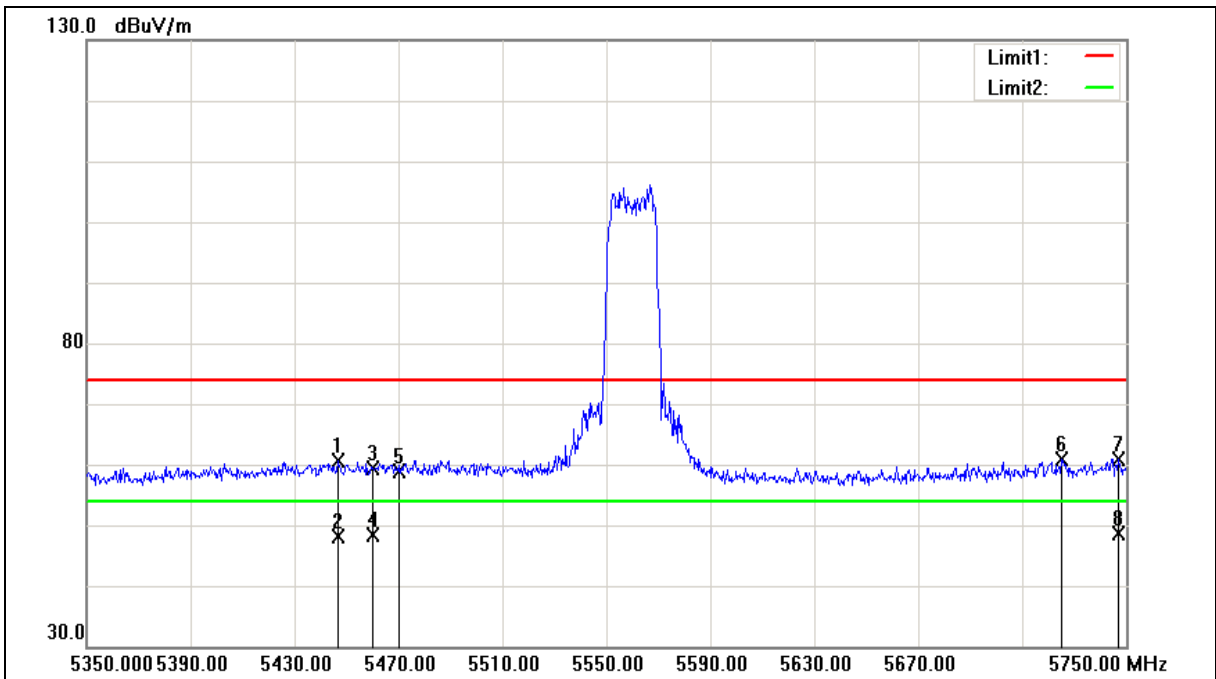
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5560MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5560MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5446.800	51.44	9.15	60.59	74.00	-13.41	peak
2	5446.800	39.09	9.15	48.24	54.00	-5.76	AVG
3	5460.000	50.25	9.15	59.40	74.00	-14.60	peak
4	5460.000	39.19	9.15	48.34	54.00	-5.66	AVG
5	5470.000	49.74	9.16	58.90	68.20	-9.3	peak
6	5725.000	51.06	9.70	60.76	68.20	-7.44	peak
7	5746.800	51.09	9.74	60.83	74.00	-13.17	peak
8	5746.800	38.97	9.74	48.71	54.00	-5.29	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

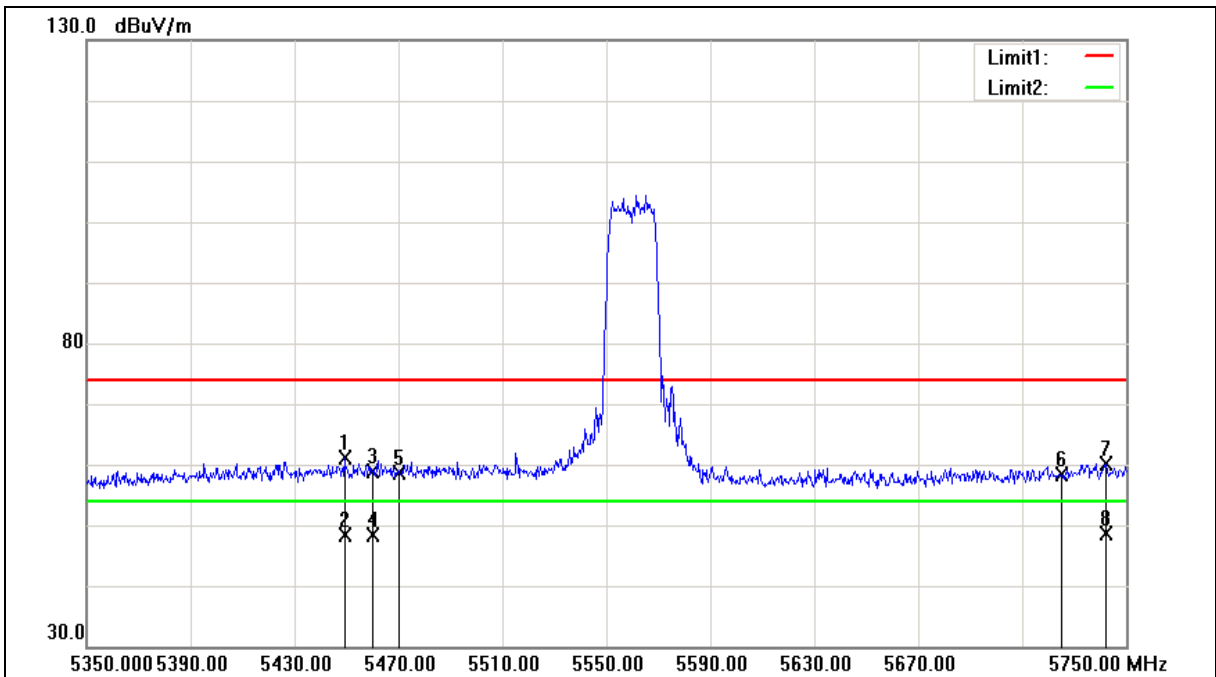
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5560MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5560MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5449.200	52.01	9.15	61.16	74.00	-12.84	peak
2	5449.200	39.28	9.15	48.43	54.00	-5.57	AVG
3	5460.000	49.81	9.15	58.96	74.00	-15.04	peak
4	5460.000	39.20	9.15	48.35	54.00	-5.65	AVG
5	5470.000	49.50	9.16	58.66	68.20	-9.54	peak
6	5725.000	48.59	9.70	58.29	68.20	-9.91	peak
7	5742.000	50.47	9.74	60.21	74.00	-13.79	peak
8	5742.000	38.94	9.74	48.68	54.00	-5.32	AVG

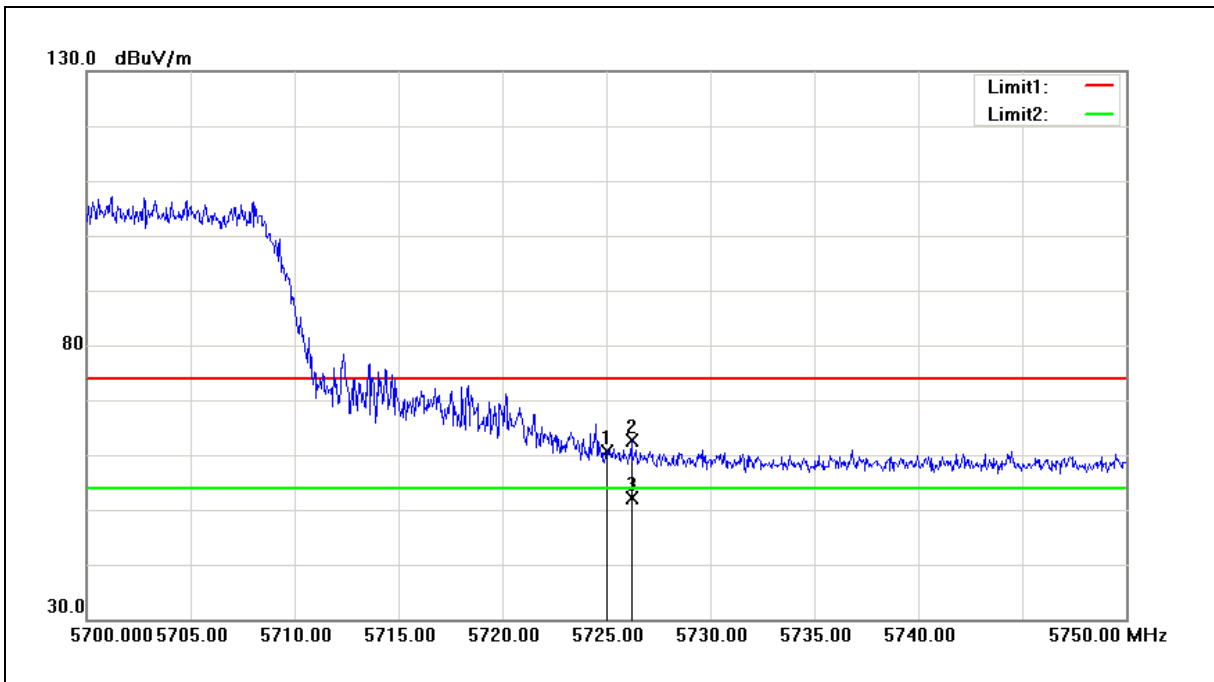
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5700MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5725.000	50.95	9.70	60.65	68.20	-7.55	peak
2	5726.200	52.84	9.70	62.54	74.00	-11.46	peak
3	5726.200	42.41	9.70	52.11	54.00	-1.89	AVG

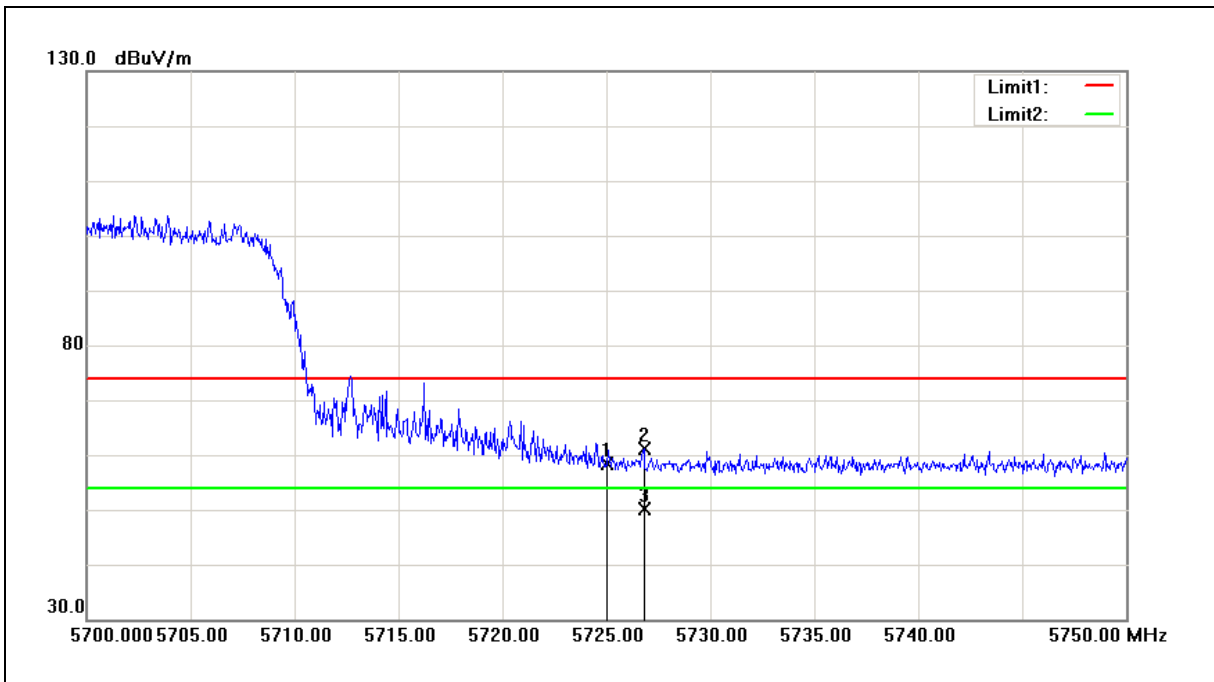
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5700MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5725.000	48.64	9.70	58.34	68.20	-9.86	peak
2	5726.800	51.45	9.70	61.15	74.00	-12.85	peak
3	5726.800	40.38	9.70	50.08	54.00	-3.92	AVG

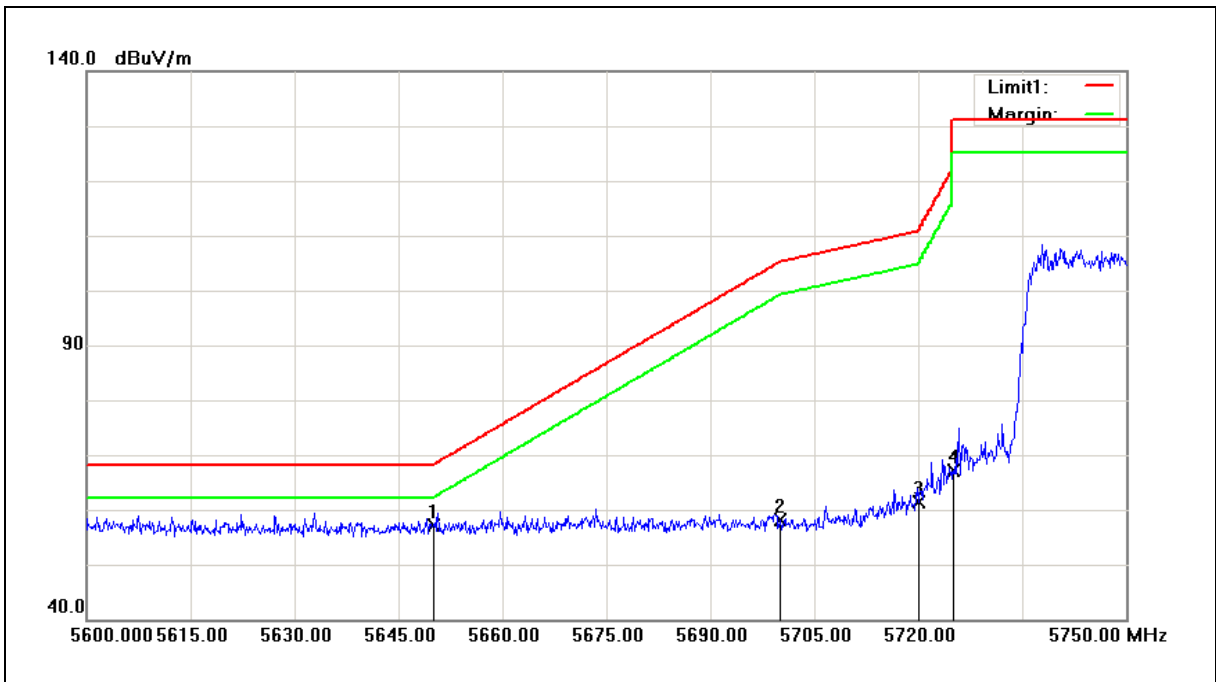
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5745MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.58	9.53	57.11	68.20	-11.09	peak
2	5700.000	48.37	9.64	58.01	105.20	-47.19	peak
3	5720.000	51.71	9.69	61.40	110.80	-49.40	peak
4	5725.000	57.47	9.70	67.17	122.20	-55.03	peak

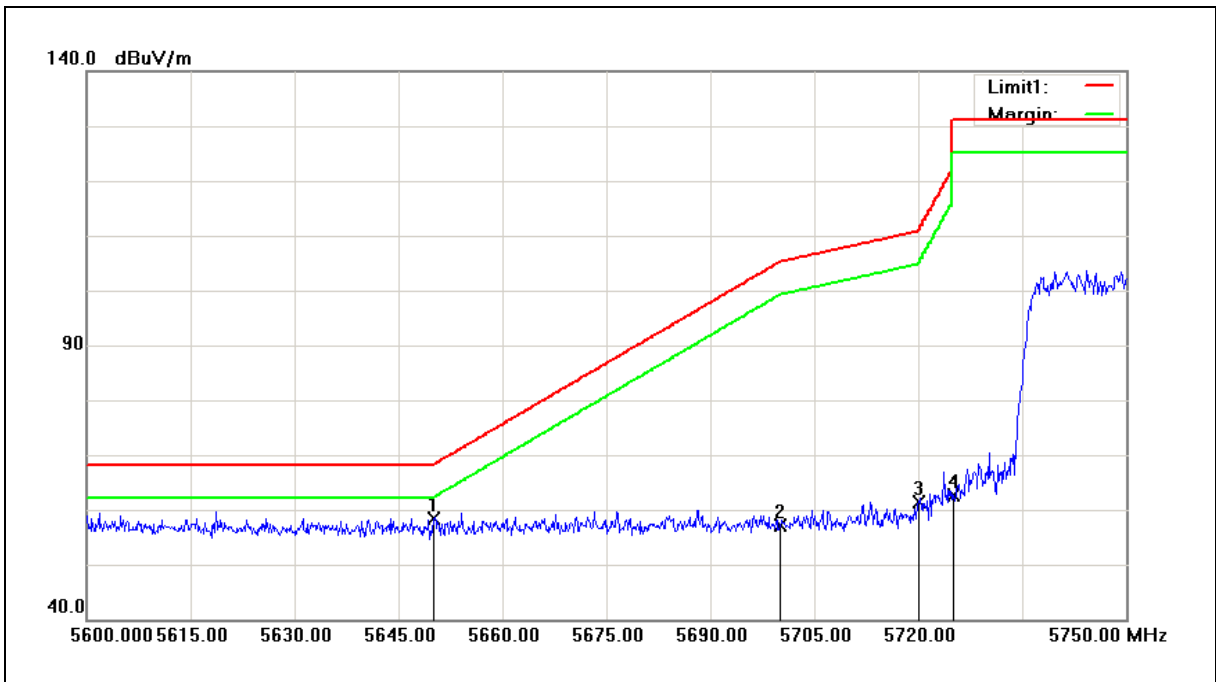
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5745MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	48.94	9.53	58.47	68.20	-9.73	peak
2	5700.000	47.56	9.64	57.20	105.20	-48.00	peak
3	5720.000	51.60	9.69	61.29	110.80	-49.51	peak
4	5725.000	53.01	9.70	62.71	122.20	-59.49	peak

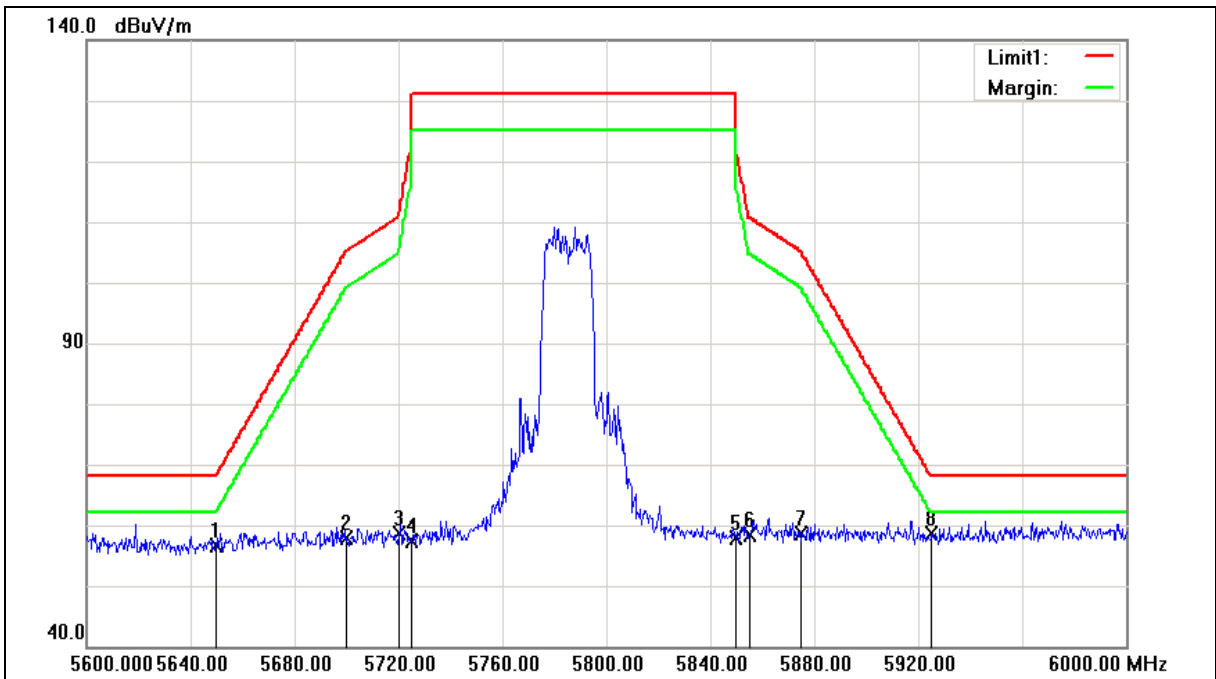
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5785MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5785MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	47.02	9.53	56.55	68.20	-11.65	peak
2	5700.000	48.18	9.64	57.82	105.20	-47.38	peak
3	5720.000	48.86	9.69	58.55	110.80	-52.25	peak
4	5725.000	47.75	9.70	57.45	122.20	-64.75	peak
5	5850.000	47.89	9.98	57.87	122.20	-64.33	peak
6	5855.000	48.36	9.99	58.35	110.80	-52.45	peak
7	5875.000	48.62	10.04	58.66	105.20	-46.54	peak
8	5925.000	48.41	10.16	58.57	68.20	-9.63	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

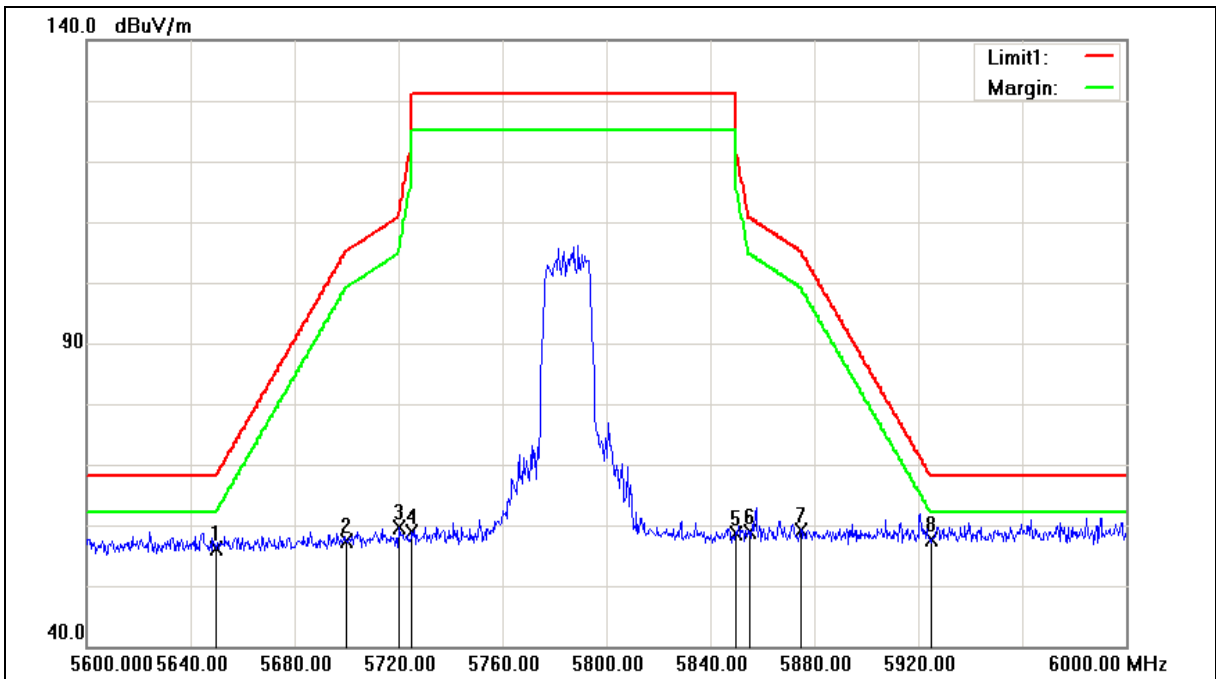
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5785MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5785MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	46.56	9.53	56.09	68.20	-12.11	peak
2	5700.000	47.75	9.64	57.39	105.20	-47.81	peak
3	5720.000	49.86	9.69	59.55	110.80	-51.25	peak
4	5725.000	49.14	9.70	58.84	122.20	-63.36	peak
5	5850.000	48.57	9.98	58.55	122.20	-63.65	peak
6	5855.000	48.82	9.99	58.81	110.80	-51.99	peak
7	5875.000	49.12	10.04	59.16	105.20	-46.04	peak
8	5925.000	47.46	10.16	57.62	68.20	-10.58	peak

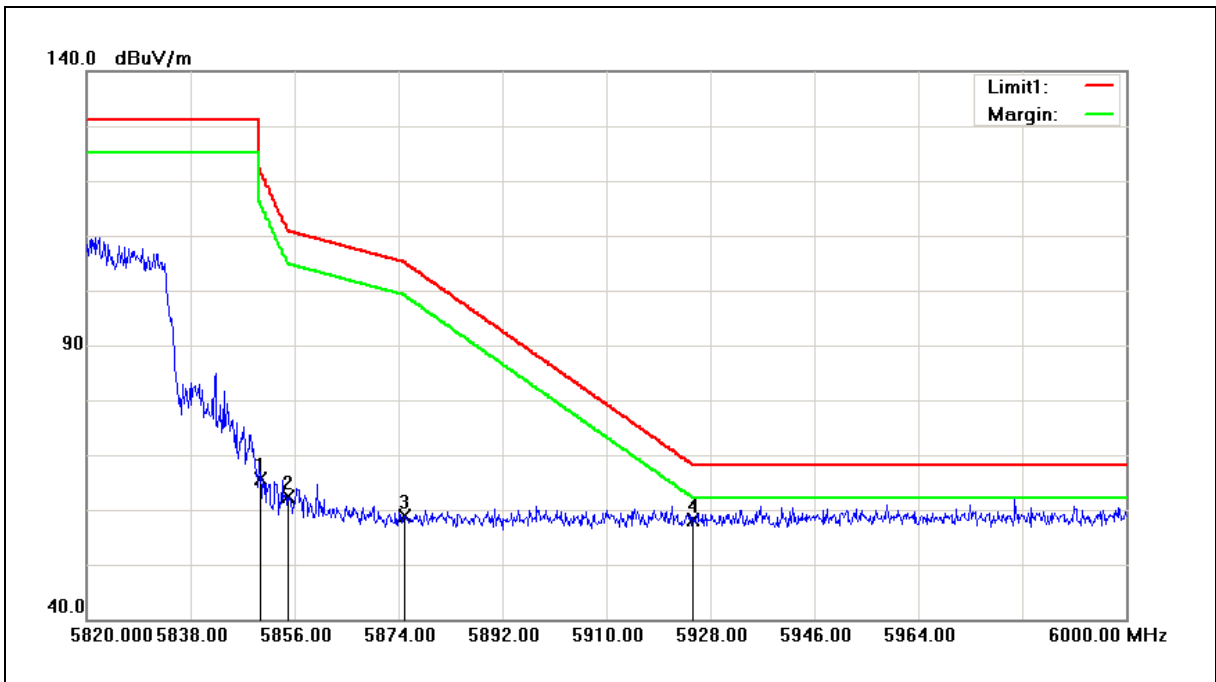
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5825MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	55.63	9.98	65.61	122.20	-56.59	peak
2	5855.000	52.43	9.99	62.42	110.80	-48.38	peak
3	5875.000	48.75	10.04	58.79	105.20	-46.41	peak
4	5925.000	48.06	10.16	58.22	68.20	-9.98	peak

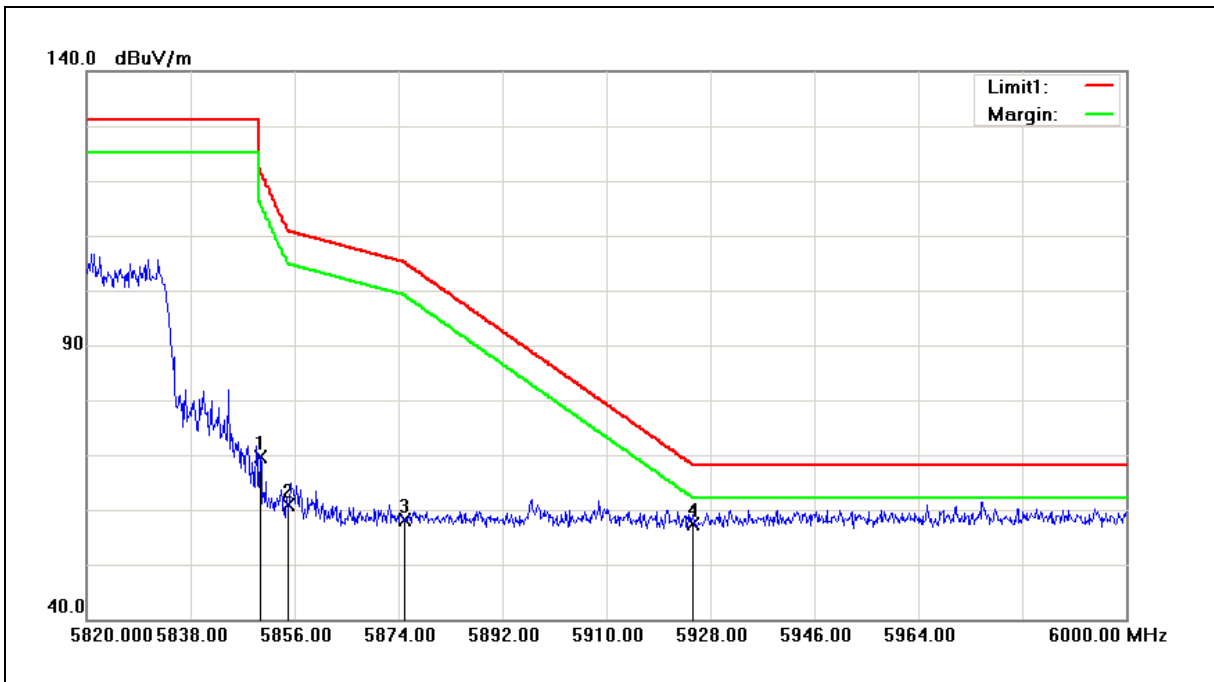
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5825MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 3	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	59.77	9.98	69.75	122.20	-52.45	peak
2	5855.000	50.97	9.99	60.96	110.80	-49.84	peak
3	5875.000	48.12	10.04	58.16	105.20	-47.04	peak
4	5925.000	47.21	10.16	57.37	68.20	-10.83	peak

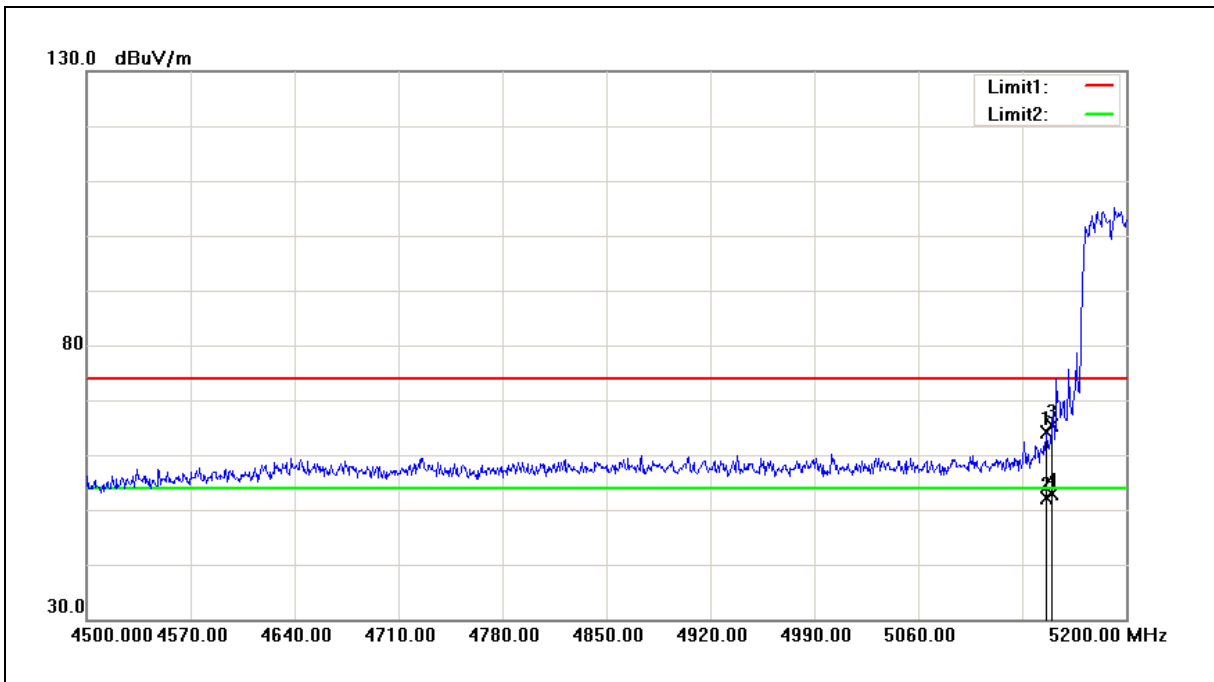
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5190MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5146.100	55.08	8.97	64.05	74.00	-9.95	peak
2	5146.100	43.20	8.97	52.17	54.00	-1.83	AVG
3	5150.000	56.47	8.97	65.44	74.00	-8.56	peak
4	5150.000	44.02	8.97	52.99	54.00	-1.01	AVG

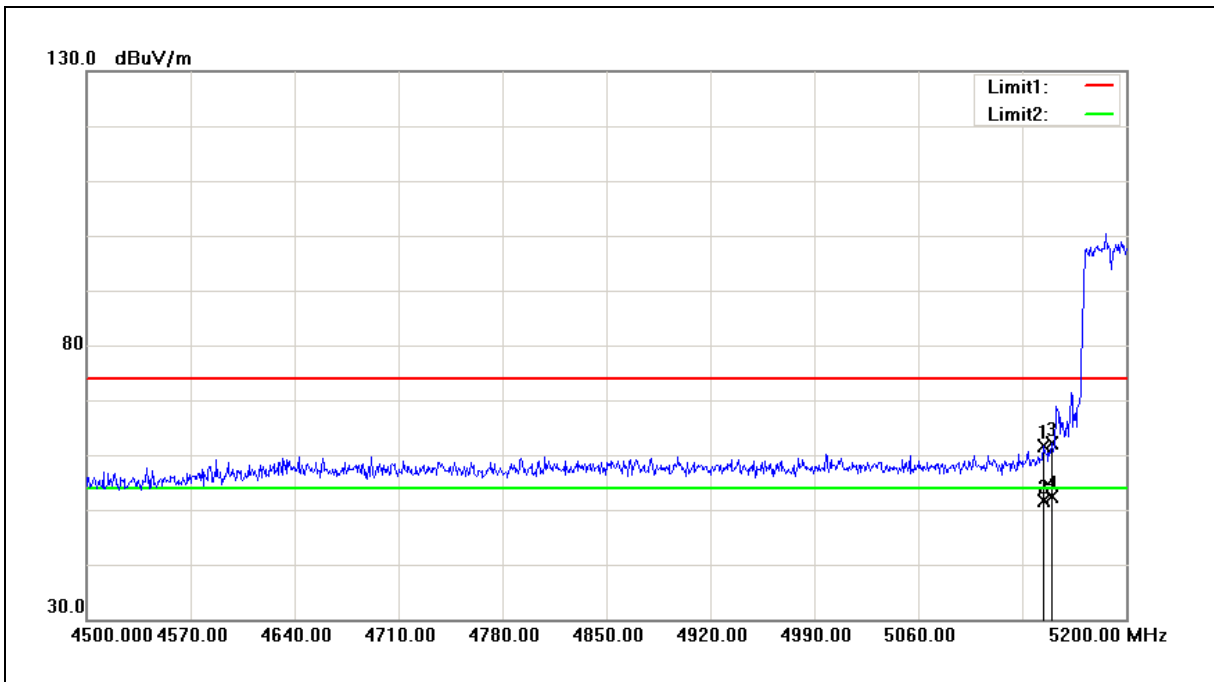
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5190MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5144.700	52.63	8.97	61.60	74.00	-12.40	peak
2	5144.700	42.66	8.97	51.63	54.00	-2.37	AVG
3	5150.000	53.13	8.97	62.10	74.00	-11.90	peak
4	5150.000	43.40	8.97	52.37	54.00	-1.63	AVG

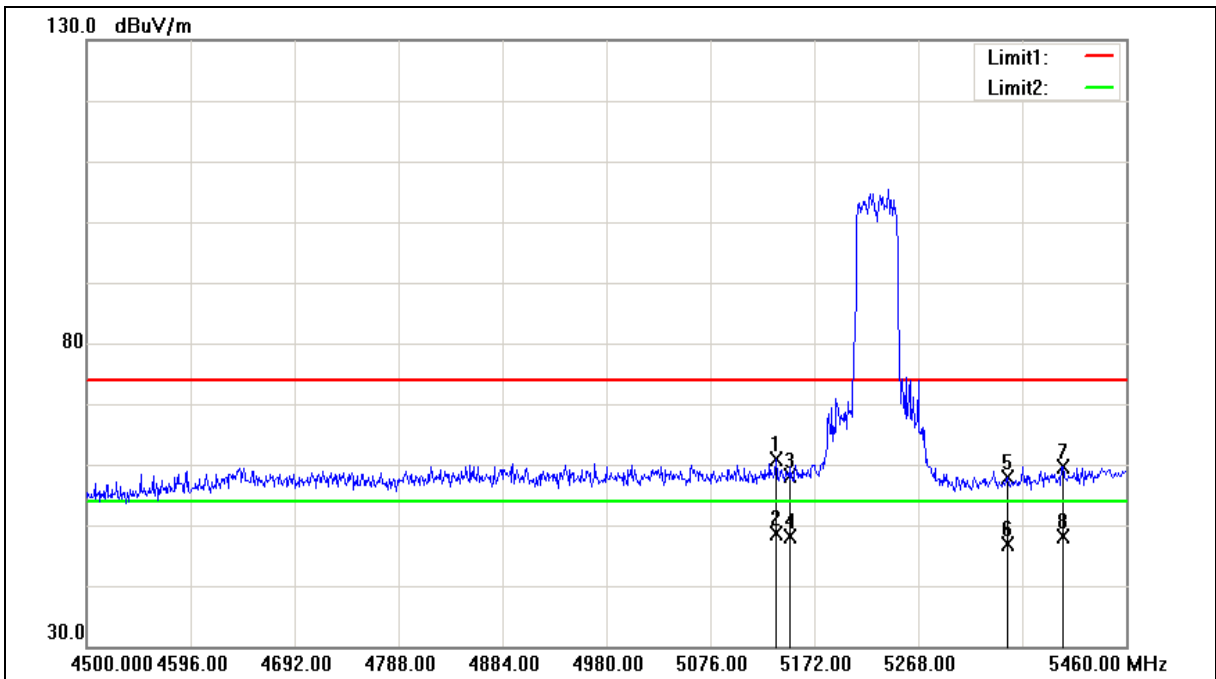
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5230MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5230MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5136.480	51.90	8.95	60.85	74.00	-13.15	peak
2	5136.480	39.57	8.95	48.52	54.00	-5.48	AVG
3	5150.000	49.04	8.97	58.01	74.00	-15.99	peak
4	5150.000	39.22	8.97	48.19	54.00	-5.81	AVG
5	5350.000	48.85	9.08	57.93	74.00	-16.07	peak
6	5350.000	37.86	9.08	46.94	54.00	-7.06	AVG
7	5401.440	50.56	9.12	59.68	74.00	-14.32	peak
8	5401.440	39.04	9.12	48.16	54.00	-5.84	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

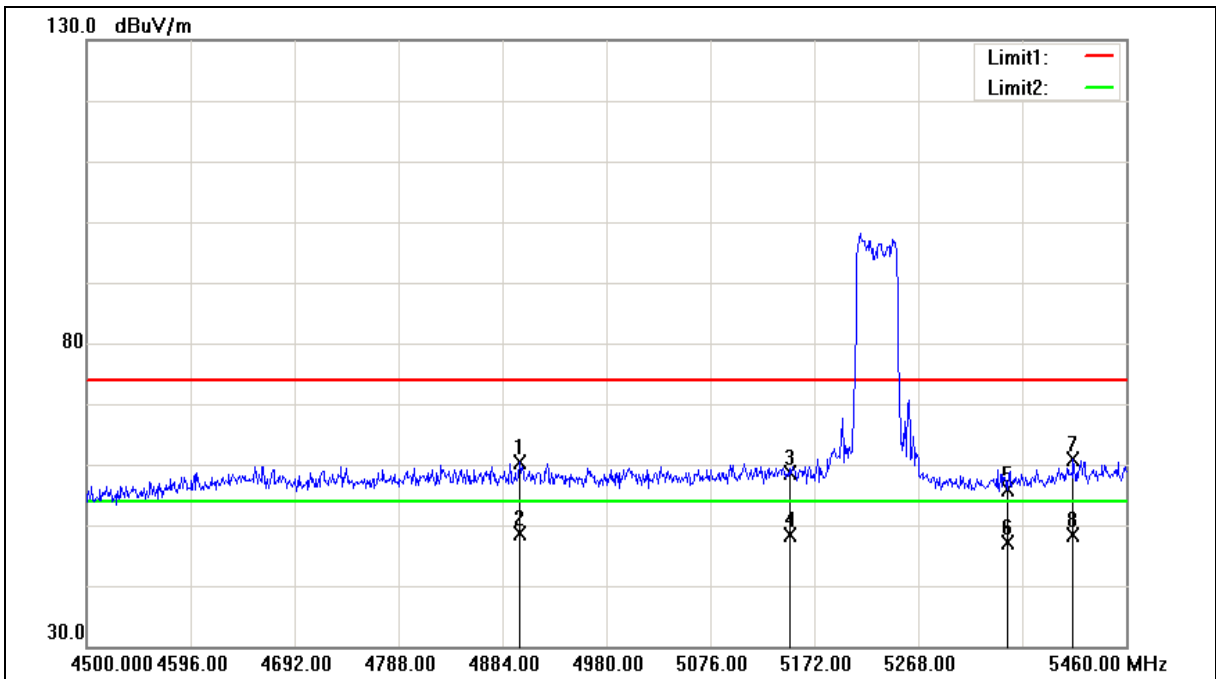
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5230MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5230MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4899.360	52.00	8.46	60.46	74.00	-13.54	peak
2	4899.360	40.21	8.46	48.67	54.00	-5.33	AVG
3	5150.000	49.64	8.97	58.61	74.00	-15.39	peak
4	5150.000	39.34	8.97	48.31	54.00	-5.69	AVG
5	5350.000	46.87	9.08	55.95	74.00	-18.05	peak
6	5350.000	37.98	9.08	47.06	54.00	-6.94	AVG
7	5411.040	51.68	9.12	60.80	74.00	-13.20	peak
8	5411.040	39.24	9.12	48.36	54.00	-5.64	AVG

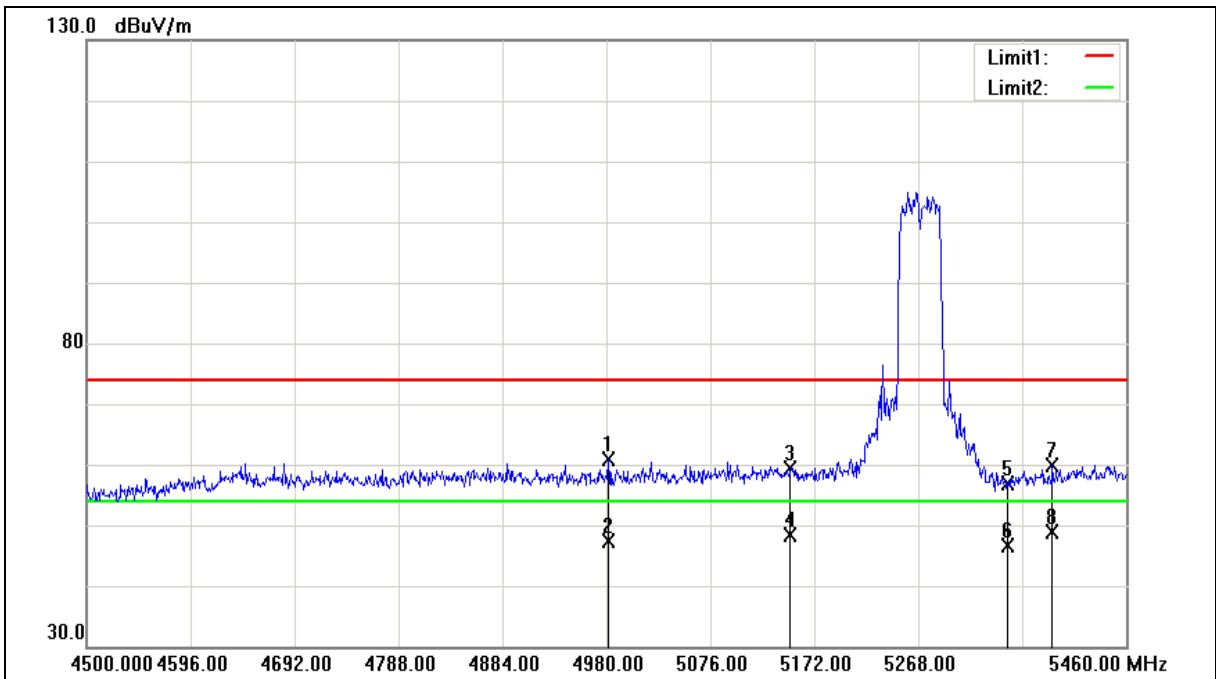
Note:1. Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5270MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5270MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4981.920	51.99	8.80	60.79	74.00	-13.21	peak
2	4981.920	38.51	8.80	47.31	54.00	-6.69	AVG
3	5150.000	50.40	8.97	59.37	74.00	-14.63	peak
4	5150.000	39.32	8.97	48.29	54.00	-5.71	AVG
5	5350.000	47.88	9.08	56.96	74.00	-17.04	peak
6	5350.000	37.63	9.08	46.71	54.00	-7.29	AVG
7	5391.840	50.67	9.12	59.79	74.00	-14.21	peak
8	5391.840	39.75	9.12	48.87	54.00	-5.13	AVG

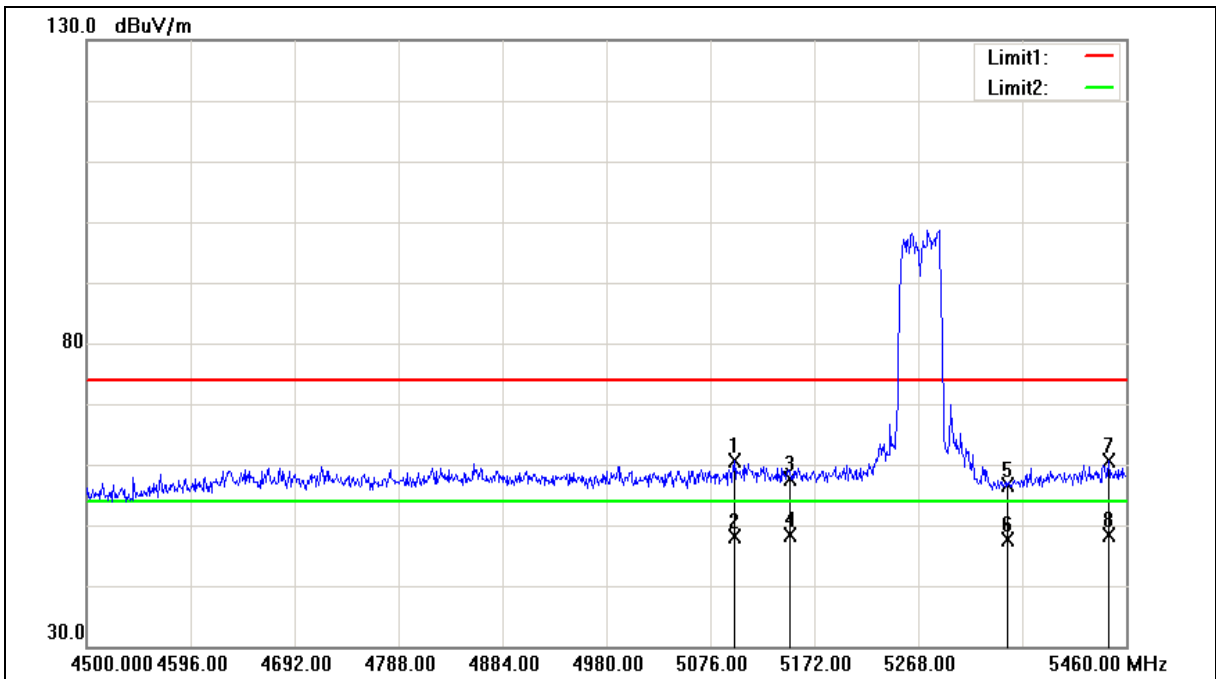
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5270MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5270MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5098.080	51.58	8.93	60.51	74.00	-13.49	peak
2	5098.080	39.14	8.93	48.07	54.00	-5.93	AVG
3	5150.000	48.67	8.97	57.64	74.00	-16.36	peak
4	5150.000	39.36	8.97	48.33	54.00	-5.67	AVG
5	5350.000	47.56	9.08	56.64	74.00	-17.36	peak
6	5350.000	38.49	9.08	47.57	54.00	-6.43	AVG
7	5443.680	51.48	9.15	60.63	74.00	-13.37	peak
8	5443.680	39.14	9.15	48.29	54.00	-5.71	AVG

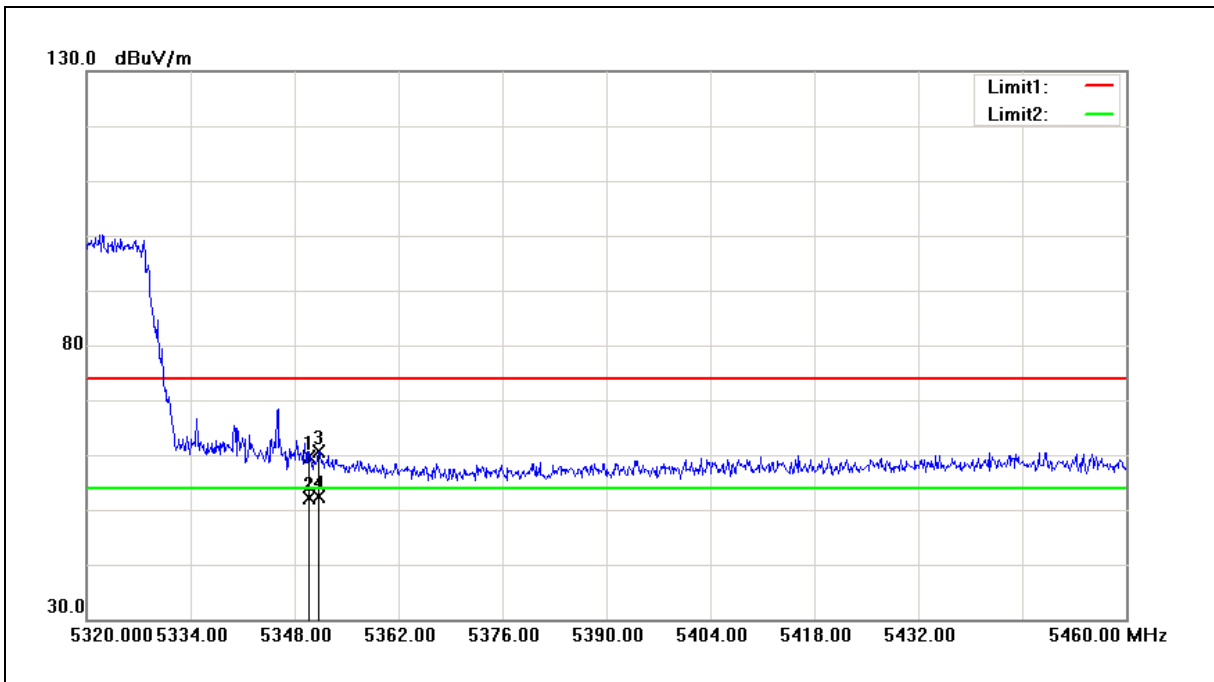
Note:1. Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	50.64	9.08	59.72	74.00	-14.28	peak
2	5350.000	43.05	9.08	52.13	54.00	-1.87	AVG
3	5351.220	51.58	9.08	60.66	74.00	-13.34	peak
4	5351.220	43.34	9.08	52.42	54.00	-1.58	AVG

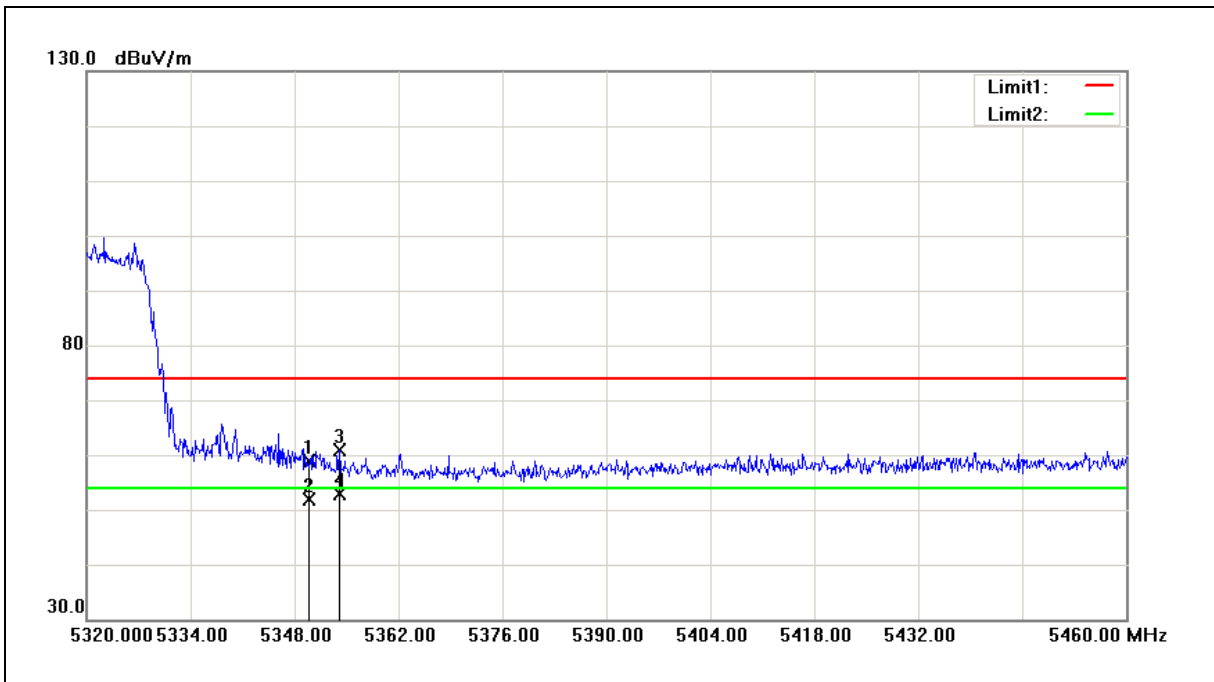
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5310MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	49.83	9.08	58.91	74.00	-15.09	peak
2	5350.000	42.78	9.08	51.86	54.00	-2.14	AVG
3	5354.020	51.68	9.08	60.76	74.00	-13.24	peak
4	5354.020	43.70	9.08	52.78	54.00	-1.22	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

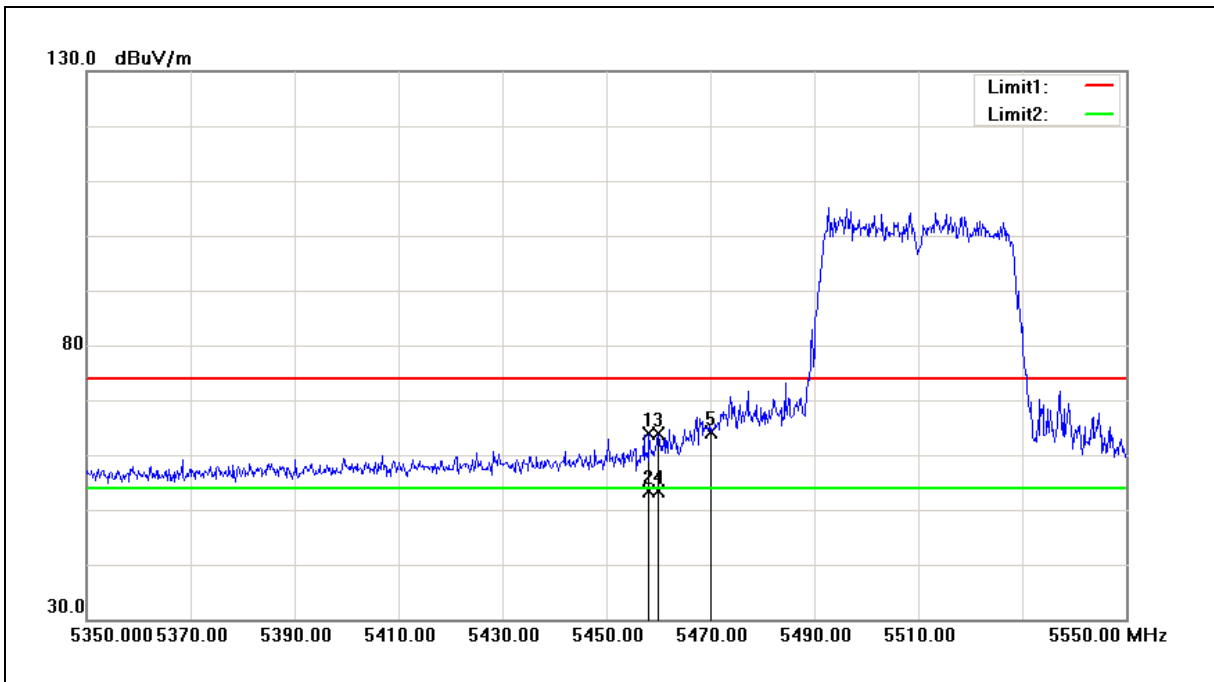
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5510MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			

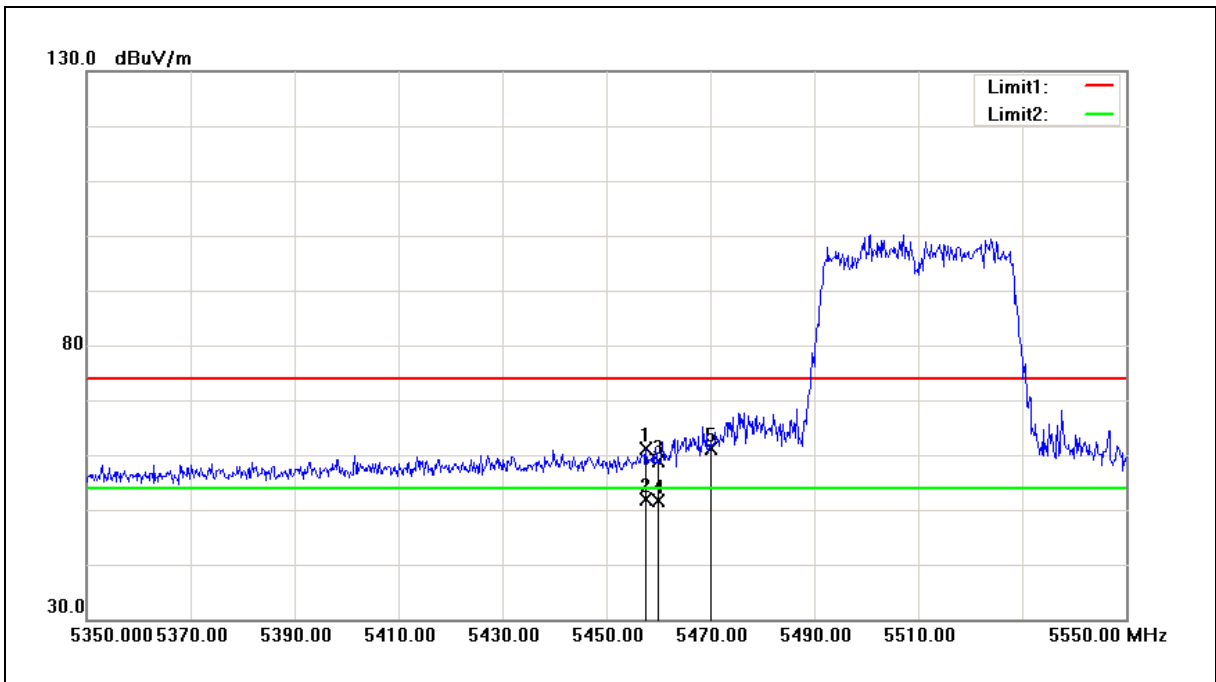


No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5458.200	54.67	9.15	63.82	74.00	-10.18	peak
2	5458.200	44.34	9.15	53.49	54.00	-0.51	AVG
3	5460.000	54.66	9.15	63.81	74.00	-10.19	peak
4	5460.000	44.32	9.15	53.47	54.00	-0.53	AVG
5	5470.000	54.96	9.16	64.12	68.20	-4.08	peak

- Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).
- 2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5510MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5457.600	52.06	9.15	61.21	74.00	-12.79	peak
2	5457.600	42.62	9.15	51.77	54.00	-2.23	AVG
3	5460.000	49.85	9.15	59.00	74.00	-15.00	peak
4	5460.000	42.39	9.15	51.54	54.00	-2.46	AVG
5	5470.000	52.09	9.16	61.25	68.20	-6.95	peak

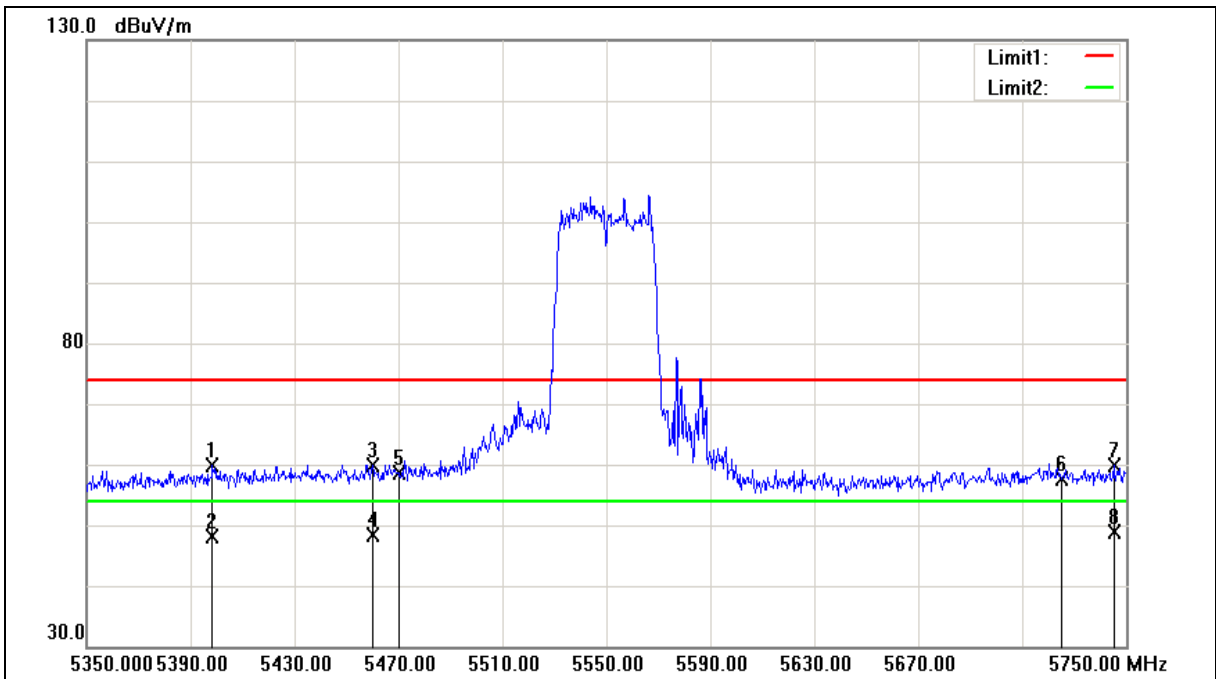
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5550MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5550MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5398.400	50.85	9.12	59.97	74.00	-14.03	peak
2	5398.400	39.06	9.12	48.18	54.00	-5.82	AVG
3	5460.000	50.85	9.15	60.00	74.00	-14.00	peak
4	5460.000	39.29	9.15	48.44	54.00	-5.56	AVG
5	5470.000	49.52	9.16	58.68	68.20	-9.52	peak
6	5725.000	48.03	9.70	57.73	68.20	-10.47	peak
7	5745.200	50.14	9.74	59.88	74.00	-14.12	peak
8	5745.200	39.15	9.74	48.89	54.00	-5.11	AVG

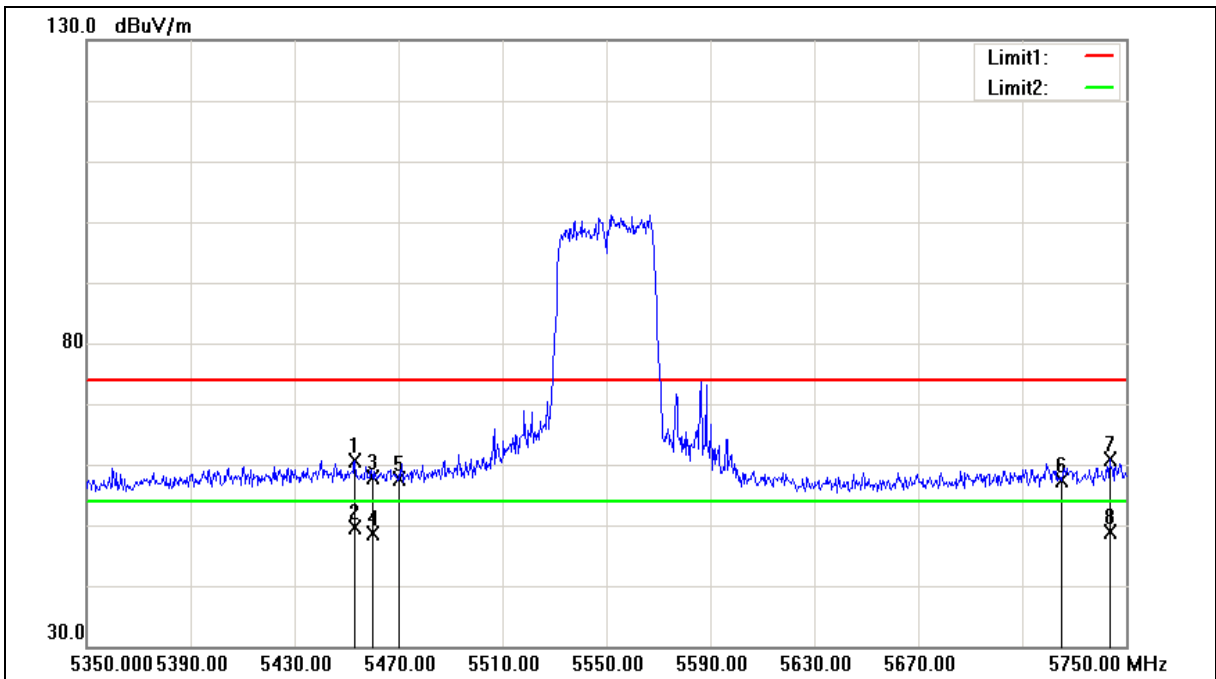
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5550MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5550MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5453.200	51.49	9.15	60.64	74.00	-13.36	peak
2	5453.200	40.43	9.15	49.58	54.00	-4.42	AVG
3	5460.000	48.70	9.15	57.85	74.00	-16.15	peak
4	5460.000	39.51	9.15	48.66	54.00	-5.34	AVG
5	5470.000	48.37	9.16	57.53	68.20	-10.67	peak
6	5725.000	47.60	9.70	57.30	68.20	-10.9	peak
7	5743.600	51.12	9.74	60.86	74.00	-13.14	peak
8	5743.600	39.11	9.74	48.85	54.00	-5.15	AVG

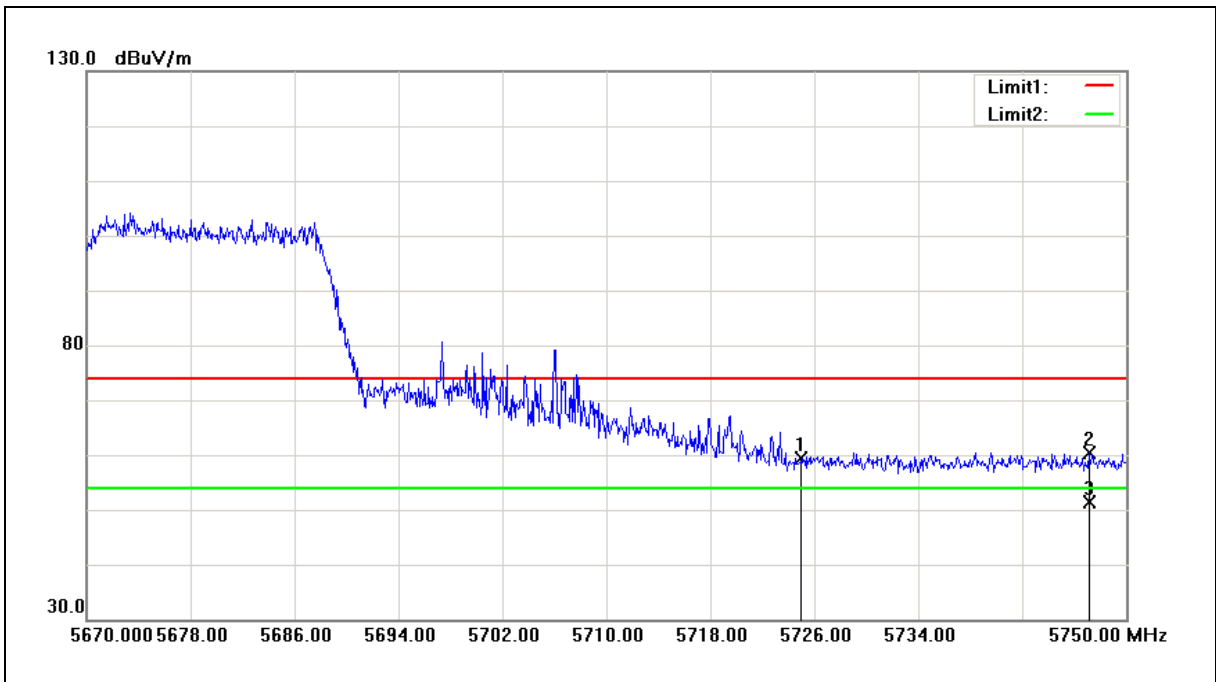
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5670MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5725.000	49.69	9.70	59.39	68.20	-8.81	peak
2	5747.120	50.74	9.75	60.49	74.00	-13.51	peak
3	5747.120	41.51	9.75	51.26	54.00	-2.74	AVG

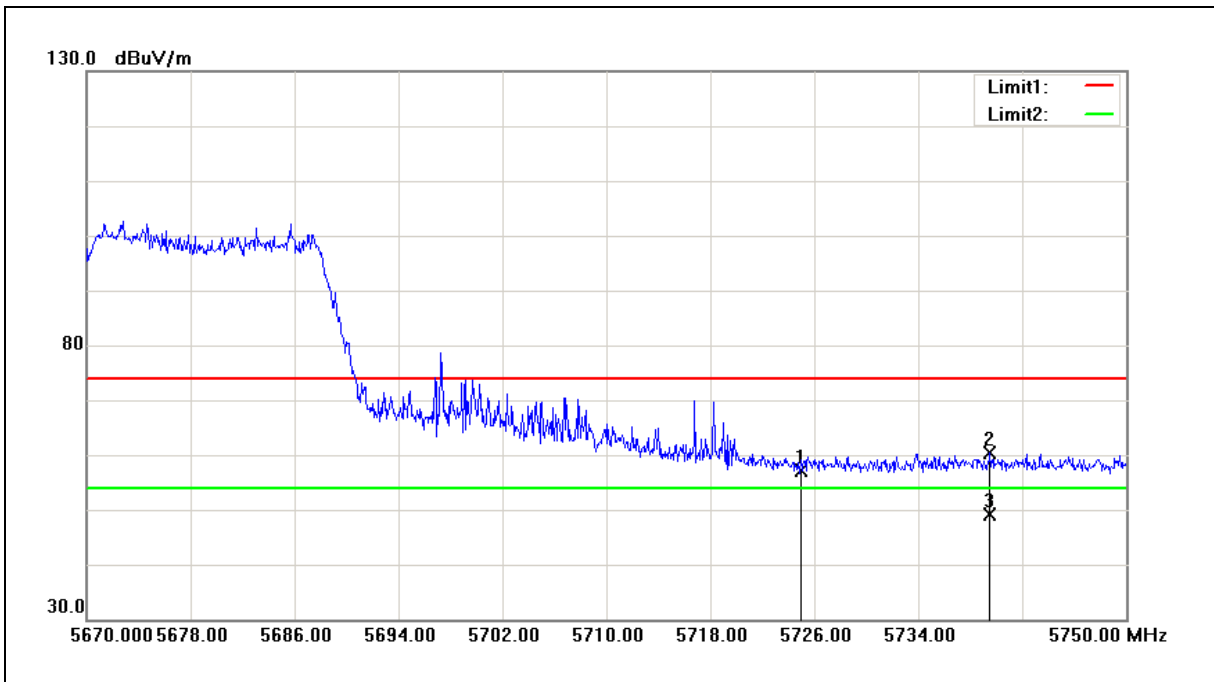
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5670MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5725.000	47.32	9.70	57.02	68.20	-11.18	peak
2	5739.520	50.59	9.73	60.32	74.00	-13.68	peak
3	5739.520	39.48	9.73	49.21	54.00	-4.79	AVG

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

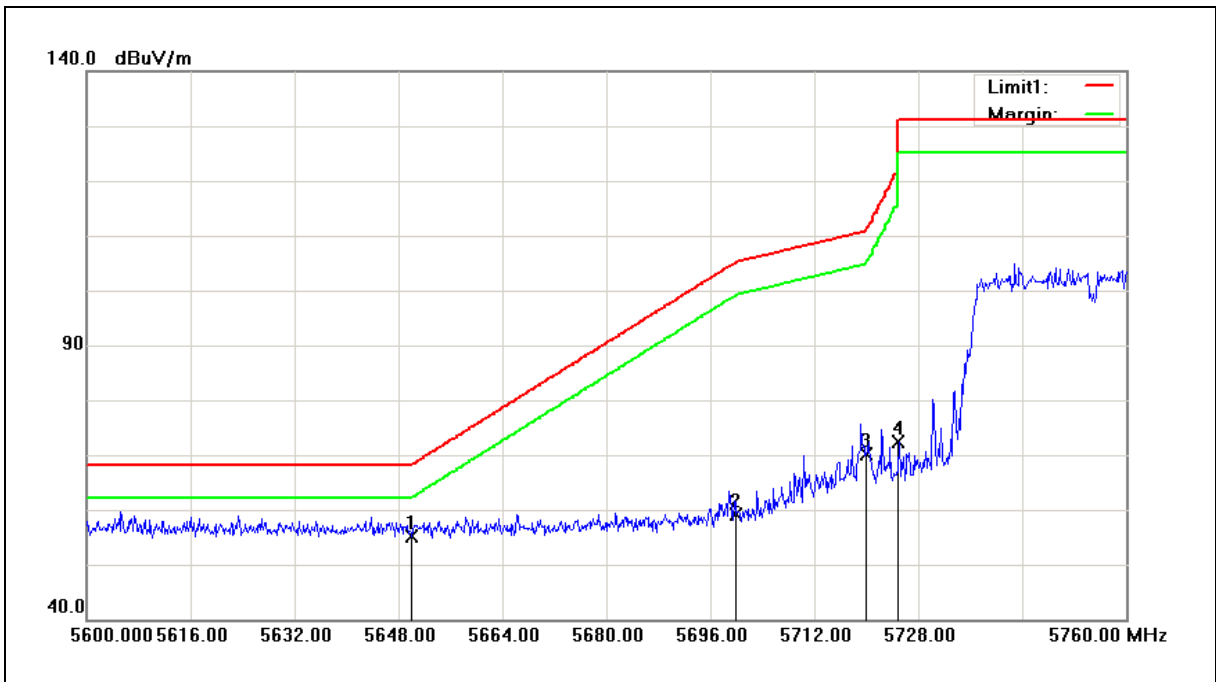
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.





Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5755MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	45.52	9.53	55.05	68.20	-13.15	peak
2	5700.000	49.46	9.64	59.10	105.20	-46.10	peak
3	5720.000	60.33	9.69	70.02	110.80	-40.78	peak
4	5725.000	62.79	9.70	72.49	122.20	-49.71	peak

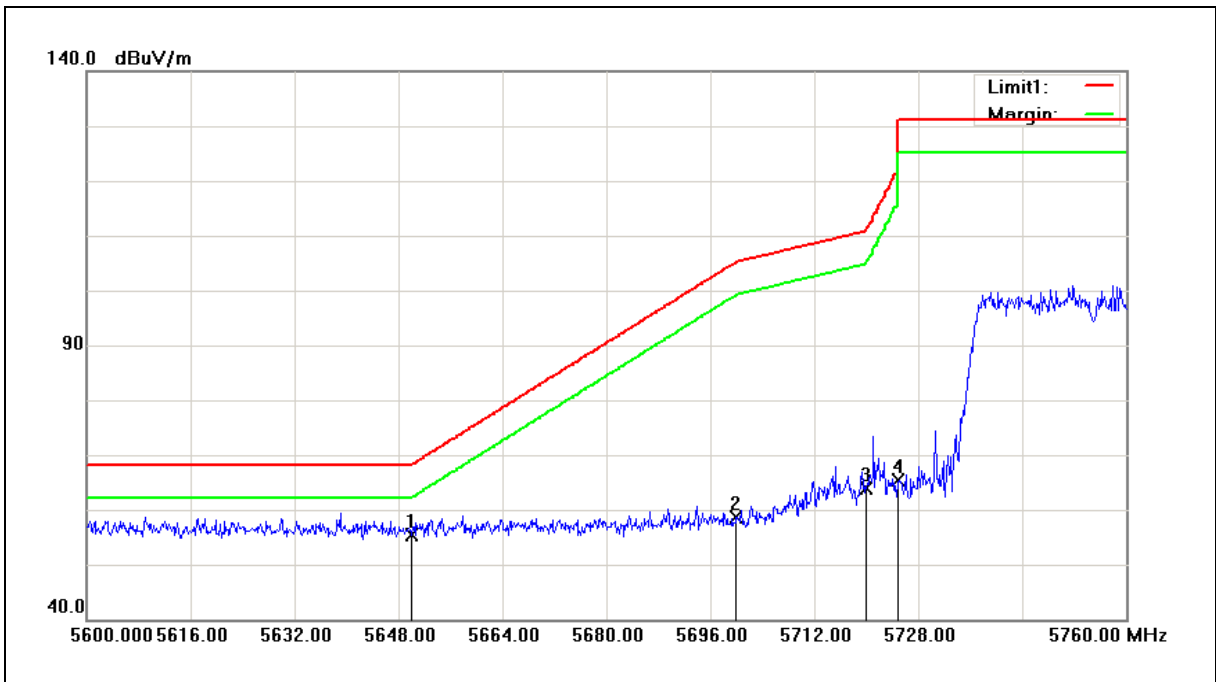
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5755MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	45.79	9.53	55.32	68.20	-12.88	peak
2	5700.000	48.93	9.64	58.57	105.20	-46.63	peak
3	5720.000	54.27	9.69	63.96	110.80	-46.84	peak
4	5725.000	55.66	9.70	65.36	122.20	-56.84	peak

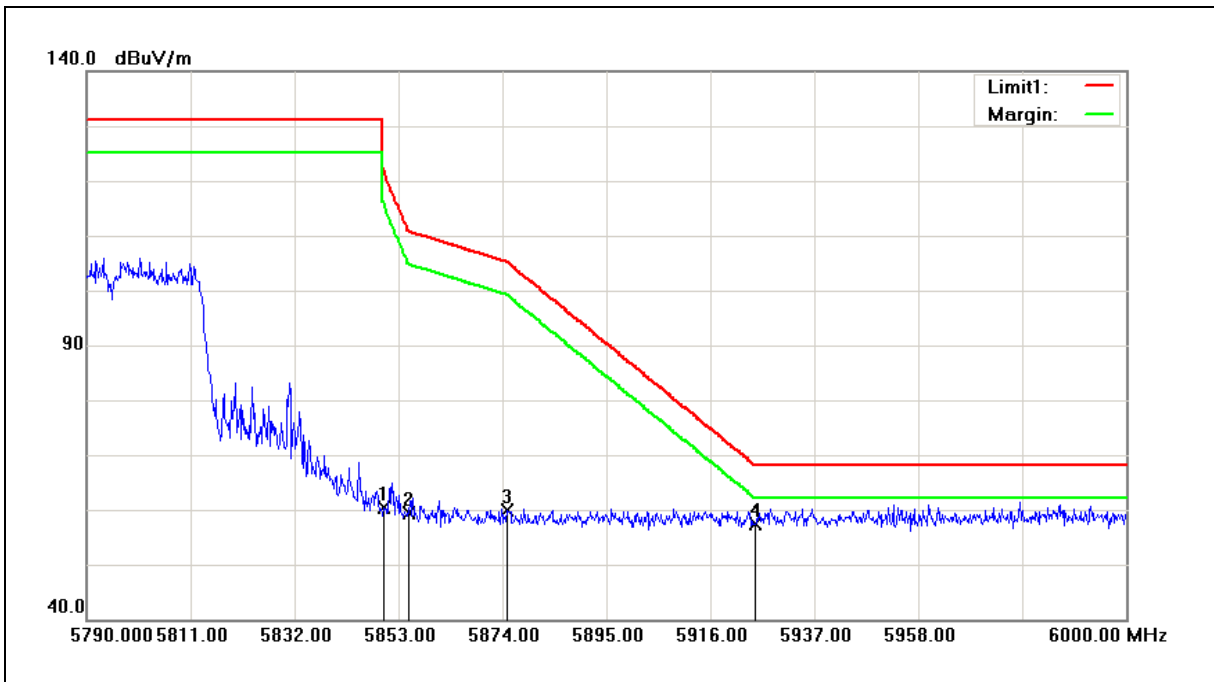
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5795MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Horizontal		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	50.46	9.98	60.44	122.20	-61.76	peak
2	5855.000	49.46	9.99	59.45	110.80	-51.35	peak
3	5875.000	49.92	10.04	59.96	105.20	-45.24	peak
4	5925.000	47.24	10.16	57.40	68.20	-10.80	peak

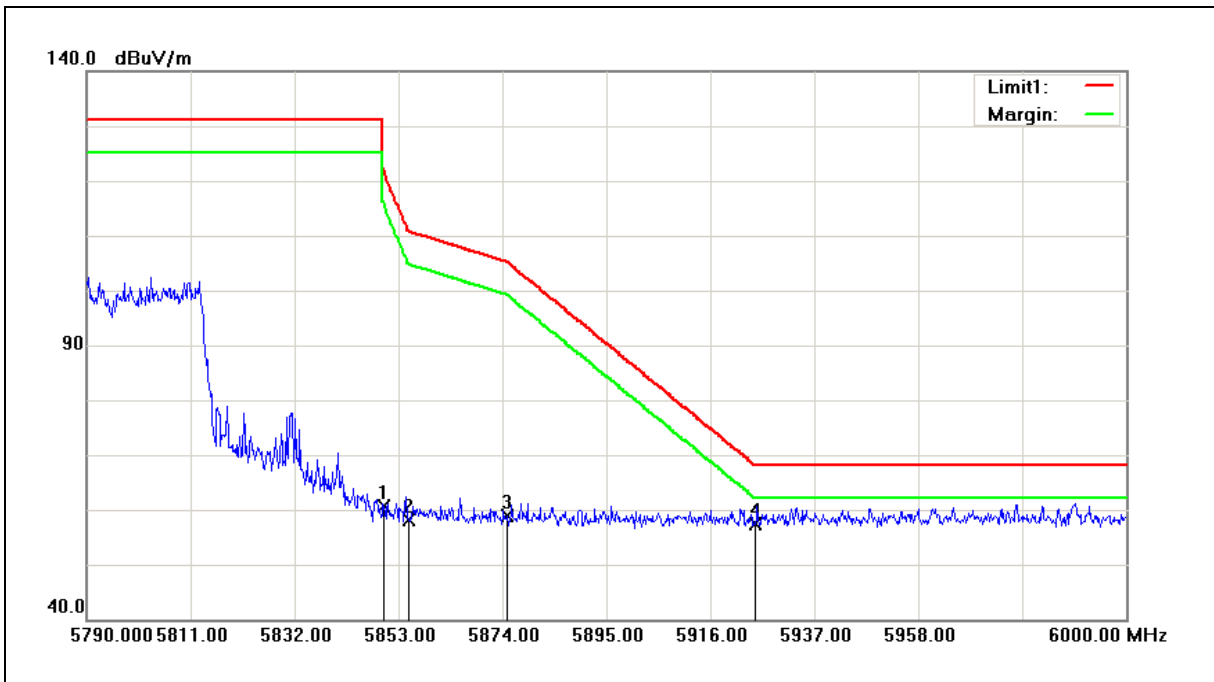
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.



Standard:	FCC Part 15.407	Test Distance:	3m
Test item:	Band edge	Power:	AC 120V/60Hz
Frequency:	5795MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60%RH
Mode:	Mode 4	Date:	07/20/2017
Ant.Polar.:	Vertical		
Description:			



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	50.68	9.98	60.66	122.20	-61.54	peak
2	5855.000	48.12	9.99	58.11	110.80	-52.69	peak
3	5875.000	48.92	10.04	58.96	105.20	-46.24	peak
4	5925.000	47.23	10.16	57.39	68.20	-10.81	peak

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3. When the peak results are less than average limit, so not need to evaluate the average.

#### 4.4. Maximum Conducted Output Power Measurement

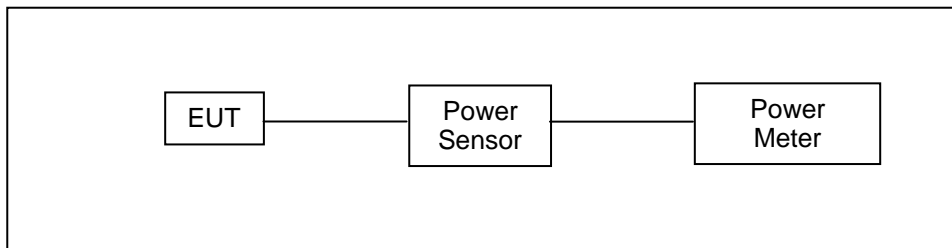
##### ■ Limit

Frequency Range (MHz)	FCC Maximum Conducted Output Power Limit
	Client
5.150 ~ 5.250 GHz	The lesser of 250mW (24dBm)
5.250 ~ 5.350 GHz	The lesser of 250mW (24dBm) or 11dBm + 10log (B)
5.470 ~ 5.725 GHz	The lesser of 250mW (24dBm) or 11dBm + 10log (B)
5.725 ~ 5.850 GHz	The lesser of 1W (30dBm)

According FCC KDB 662911 D01 v02r01 – for power measurements on IEEE802.11 devices,

\* Diversity mode : Max. Gain = 6.06 dBi > 6dBi

##### ■ Test Setup



##### ■ Test Instruments

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Remark
Power Sensor	Anritsu	MA2411B	1126022	08/29/2016	1 year
Power Meter	Anritsu	ML2495A	1135009	08/29/2016	1 year
Microwave Cable	EMCI	EMC104-SM-SM-1 500	140303	02/22/2017	1 year
Test Site	ATL	TE05	TE05	N.C.R.	-----

Note: N.C.R. = No Calibration Request.

##### ■ Test Procedure

The test is performed in accordance with KDB789033: D02 General UNII Test Procedures New Rules v01r04, Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices

Section (E) Maximum Conducted Output Power

3. Measurement using a Power Meter (PM)

b) Method PM-G (Measurement using a gated RF average power meter)



■ Test Result

Test Item		Maximum Conducted Output Power				FCC Limit (dBm)
Test Mode		Mode 2: IEEE 802.11a Continuous TX mode				
Frequency (MHz)	Data Rate	ANT-0		ANT-1		
		Max. Output Power				
		(dBm)	(W)	(dBm)	(W)	
5180.0	6M	13.50	0.022	13.42	0.022	≤ 23.94
5200.0		13.34	0.022	13.28	0.021	
5220.0		13.38	0.022	13.30	0.021	
5240.0		<b>13.87</b>	<b>0.024</b>	13.81	0.024	
5260.0		13.25	0.021	13.18	0.021	
5280.0		13.28	0.021	13.22	0.021	
5300.0		13.46	0.022	13.44	0.022	
5320.0		<b>13.78</b>	<b>0.024</b>	13.75	0.024	
5500.0		13.12	0.021	13.07	0.020	
5520.0		13.17	0.021	13.15	0.021	
5540.0		<b>13.65</b>	<b>0.023</b>	13.63	0.023	
5560.0		13.09	0.020	13.03	0.020	
5580.0		13.14	0.021	13.10	0.020	
5660.0		13.06	0.020	13.02	0.020	
5680.0		13.17	0.021	13.08	0.020	
5700.0		13.07	0.020	12.97	0.020	
5745.0		13.53	0.023	13.50	0.022	
5765.0		13.57	0.023	13.52	0.022	
5785.0		13.70	0.023	13.63	0.023	
5805.0		13.78	0.024	13.72	0.024	
5825.0	<b>13.82</b>	<b>0.024</b>	13.77	0.024		

Note: The relevant measured result has the offset with cable loss already.



Test Item		Maximum Conducted Output Power				
Test Mode		Mode 2: IEEE 802.11a Continuous TX mode				
Frequency (MHz)	Data Rate	ANT-0		ANT-1		FCC Limit (dBm)
		Max. Output Power				
		(dBm)	(W)	(dBm)	(W)	
5180.0	54M	13.44	0.022	13.38	0.022	≤ 23.94
5200.0		13.30	0.021	13.28	0.021	
5220.0		13.36	0.022	13.30	0.021	
5240.0		13.82	0.024	13.72	0.024	
5260.0		13.21	0.021	13.13	0.021	
5280.0		13.24	0.021	13.17	0.021	
5300.0		13.44	0.022	13.42	0.022	
5320.0		13.73	0.024	13.69	0.023	
5500.0		13.10	0.020	13.04	0.020	
5520.0		13.14	0.021	13.08	0.020	
5540.0		13.63	0.023	13.59	0.023	
5560.0		13.06	0.020	13.00	0.020	
5580.0		13.11	0.020	13.08	0.020	
5660.0		13.02	0.020	12.99	0.020	
5680.0		13.13	0.021	13.07	0.020	
5700.0		13.05	0.020	12.94	0.020	
5745.0		13.47	0.022	13.38	0.022	
5765.0		13.56	0.023	13.48	0.022	
5785.0		13.64	0.023	13.60	0.023	
5805.0		13.75	0.024	13.68	0.023	
5825.0	13.79	0.024	13.69	0.023		

Note: The relevant measured result has the offset with cable loss already.



Test Item		Maximum Conducted Output Power				FCC Limit (dBm)
Test Mode		Mode 3: IEEE 802.11n 5GHz 20MHz Continuous TX mode				
Frequency (MHz)	Data Rate	ANT-0		ANT-1		
		Max. Output Power				
		(dBm)	(W)	(dBm)	(W)	
5180.0	6.5M	11.58	0.014	11.52	0.014	≤ 23.94
5200.0		11.35	0.014	11.30	0.013	
5220.0		11.51	0.014	11.47	0.014	
5240.0		<b>11.78</b>	<b>0.015</b>	11.68	0.015	
5260.0		11.04	0.013	11.00	0.013	
5280.0		11.15	0.013	11.11	0.013	
5300.0		11.65	0.015	11.59	0.014	
5320.0		<b>11.71</b>	<b>0.015</b>	11.63	0.015	
5500.0		11.10	0.013	11.01	0.013	
5520.0		11.30	0.013	11.22	0.013	
5540.0		11.03	0.013	10.98	0.013	
5560.0		11.55	0.014	11.52	0.014	
5580.0		11.62	0.015	11.58	0.014	
5660.0		<b>11.79</b>	<b>0.015</b>	11.72	0.015	
5680.0		11.44	0.014	11.37	0.014	
5700.0		11.23	0.013	11.13	0.013	
5745.0		11.56	0.014	11.52	0.014	
5765.0		11.86	0.015	11.78	0.015	
5785.0		11.82	0.015	11.75	0.015	
5805.0		11.80	0.015	11.76	0.015	
5825.0	<b>11.94</b>	<b>0.016</b>	11.85	0.015		

Note: The relevant measured result has the offset with cable loss already.





Test Item		Maximum Conducted Output Power				FCC Limit (dBm)
Test Mode		Mode 3: IEEE 802.11n 5GHz 20MHz Continuous TX mode				
Frequency (MHz)	Data Rate	ANT-0		ANT-1		
		Max. Output Power				
		(dBm)	(W)	(dBm)	(W)	
5180.0	72.2M	11.53	0.014	11.47	0.014	≤ 23.94
5200.0		11.32	0.014	11.22	0.013	
5220.0		11.46	0.014	11.39	0.014	
5240.0		11.76	0.015	11.63	0.015	
5260.0		11.03	0.013	10.98	0.013	
5280.0		11.11	0.013	11.04	0.013	
5300.0		11.61	0.014	11.55	0.014	
5320.0		11.67	0.015	11.61	0.014	
5500.0		11.09	0.013	10.98	0.013	
5520.0		11.24	0.013	11.15	0.013	
5540.0		10.99	0.013	10.97	0.013	
5560.0		11.53	0.014	11.49	0.014	
5580.0		11.59	0.014	11.52	0.014	
5660.0		11.78	0.015	11.69	0.015	
5680.0		11.41	0.014	11.32	0.014	
5700.0		11.18	0.013	11.12	0.013	
5745.0		11.52	0.014	11.43	0.014	
5765.0		11.81	0.015	11.75	0.015	
5785.0		11.79	0.015	11.72	0.015	
5805.0		11.77	0.015	11.73	0.015	
5825.0	11.92	0.016	11.80	0.015		

Note: The relevant measured result has the offset with cable loss already.



Test Item		Maximum Conducted Output Power				FCC Limit (dBm)
Test Mode		Mode 4: IEEE 802.11n 5GHz 40MHz Continuous TX mode				
Frequency (MHz)	Data Rate	ANT-0		ANT-0		
		Max. Output Power				
		(dBm)	(W)	(dBm)	(W)	
5190.0	13.5M	9.61	0.009	9.52	0.009	≤ 23.94
5230.0		<b>11.39</b>	<b>0.014</b>	11.33	0.014	
5270.0		<b>11.66</b>	<b>0.015</b>	11.62	0.015	
5310.0		8.24	0.007	8.18	0.007	
5510.0		10.68	0.012	10.60	0.011	
5550.0		<b>11.69</b>	<b>0.015</b>	11.59	0.014	
5590.0		11.41	0.014	11.37	0.014	
56700.		11.68	0.015	11.60	0.014	
5755.0		11.43	0.014	11.35	0.014	
5795.0		<b>11.69</b>	<b>0.015</b>	11.63	0.015	
5190.0	150M	9.52	0.009	9.49	0.009	≤ 23.94
5230.0		11.35	0.014	11.31	0.014	
5270.0		11.64	0.015	11.59	0.014	
5310.0		8.18	0.007	8.12	0.006	
5510.0		10.62	0.012	10.52	0.011	
5550.0		11.68	0.015	11.57	0.014	
5590.0		11.39	0.014	11.32	0.014	
56700.		11.63	0.015	11.56	0.014	
5755.0		11.40	0.014	11.32	0.014	
5795.0		11.66	0.015	11.53	0.014	

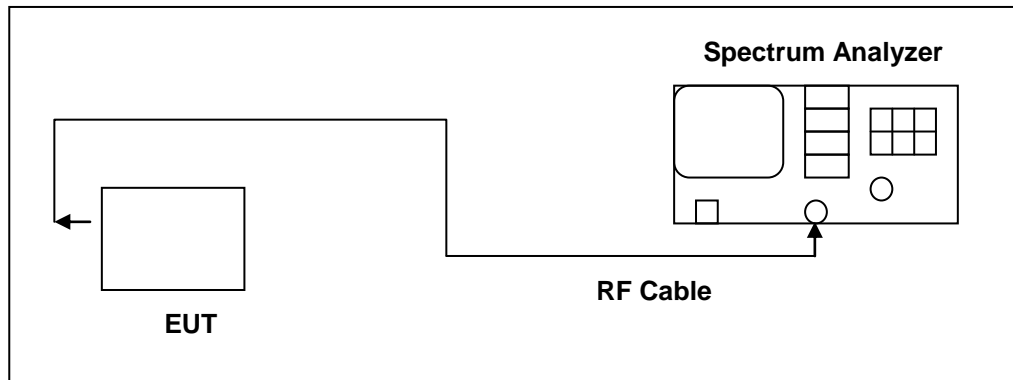
Note: The relevant measured result has the offset with cable loss already.

#### 4.5. 26dB RF Bandwidth Measurement

■ **Limit**

N/A

■ **Test Setup**



■ **Test Instruments**

Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Remark
Spectrum Analyzer	Agilent	E4445A	MY45300744	12/19/2016	1 year
Microwave Cable	EMCI	EMC104-SM-SM-1 500	140303	02/22/2017	1 year
Test Site	ATL	TE05	TE05	N.C.R.	-----

Note: N.C.R. = No Calibration Request.

■ **Test Procedure**

The test is performed in accordance with KDB789033: D02 General UNII Test Procedures New Rules v01r04, Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - Part 15, Subpart E.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	>26dB Bandwidth
RBW	Approximately 1% of the emission bandwidth
VBW	VBW > RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto



■ Test Result

Test Item	26dB RF Bandwidth Measurement
Test Mode	Mode 2: IEEE 802.11a Continuous TX mode
Frequency (MHz)	ANT-0
	26dB Bandwidth (MHz)
5180	23.430
5200	23.470
5240	24.920
5260	24.330
5280	23.070
5320	24.010
5500	20.350
5560	21.200
5700	24.290

Test Item	26dB RF Bandwidth Measurement
Test Mode	Mode 3: IEEE 802.11n 5GHz 20MHz Continuous TX mode
Frequency (MHz)	ANT-0
	26dB Bandwidth (MHz)
5180	20.440
5200	21.230
5240	21.150
5260	20.450
5280	20.280
5320	20.380
5500	20.450
5560	20.520
5700	20.680

Note: The 99% occupied bandwidth not crossed 5250MHz.



Test Item	26dB RF Bandwidth Measurement
Test Mode	Mode 4: IEEE 802.11n 5GHz 40MHz Continuous TX mode
Frequency (MHz)	ANT-0
	26dB Bandwidth (MHz)
5190	41.670
5230	47.110
5270	49.270
5310	49.220
5510	41.480
5550	41.470
5670	47.820

Note: The 99% occupied bandwidth not crossed 5250MHz.



■ Test Graphs

Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0	
5180 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.18000000 GHz</p> <p>Ref Offset 11.8 dB Ref 21.80 dBm</p> <p>Center 5.18 GHz #Res BW 300 kHz</p> <p>Span 25 MHz #VBW 1 MHz Sweep 1 ms</p> <p>Occupied Bandwidth <b>16.752 MHz</b></p> <p>Total Power 16.0 dBm</p> <p>Transmit Freq Error -18.295 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 23.43 MHz</p> <p>x dB -26.00 dB</p>
5200 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.20000000 GHz</p> <p>Ref Offset 11.8 dB Ref 21.80 dBm</p> <p>Center 5.2 GHz #Res BW 300 kHz</p> <p>Span 25 MHz #VBW 1 MHz Sweep 1 ms</p> <p>Occupied Bandwidth <b>16.753 MHz</b></p> <p>Total Power 16.1 dBm</p> <p>Transmit Freq Error -6.733 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 23.47 MHz</p> <p>x dB -26.00 dB</p>
5240 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.24000000 GHz</p> <p>Ref Offset 11.8 dB Ref 21.80 dBm</p> <p>Center 5.24 GHz #Res BW 300 kHz</p> <p>Span 25 MHz #VBW 1 MHz Sweep 1 ms</p> <p>Occupied Bandwidth <b>16.788 MHz</b></p> <p>Total Power 17.9 dBm</p> <p>Transmit Freq Error 38.628 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 24.92 MHz</p> <p>x dB -26.00 dB</p>



Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0	
5260 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.26000000 GHz</p> <p>Ref Offset 11.8 dB Ref 21.80 dBm</p> <p>Center 5.26 GHz #Res BW 300 kHz</p> <p>Span 25 MHz Sweep 1 ms</p> <p>Occupied Bandwidth <b>16.763 MHz</b></p> <p>Total Power 17.3 dBm</p> <p>Transmit Freq Error -15.215 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 24.33 MHz</p> <p>x dB -26.00 dB</p>
5280 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.28000000 GHz</p> <p>Ref Offset 11.8 dB Ref 21.80 dBm</p> <p>Center 5.28 GHz #Res BW 300 kHz</p> <p>Span 25 MHz Sweep 1 ms</p> <p>Occupied Bandwidth <b>16.752 MHz</b></p> <p>Total Power 17.7 dBm</p> <p>Transmit Freq Error -21.342 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 23.07 MHz</p> <p>x dB -26.00 dB</p>
5320 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.32000000 GHz</p> <p>Ref Offset 11.8 dB Ref 21.80 dBm</p> <p>Center 5.32 GHz #Res BW 300 kHz</p> <p>Span 25 MHz Sweep 1 ms</p> <p>Occupied Bandwidth <b>16.760 MHz</b></p> <p>Total Power 17.9 dBm</p> <p>Transmit Freq Error -36.516 kHz</p> <p>OBW Power 99.00 %</p> <p>x dB Bandwidth 24.01 MHz</p> <p>x dB -26.00 dB</p>





Mode 2: IEEE 802.11a Continuous TX mode_ ANT-0	
5500 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.500000000 GHz        Trig: Free Run        #Atten: 20 dB</p> <p>Ref Offset 11.8 dB        Ref 21.80 dBm</p> <p>Center 5.5 GHz        #Res BW 300 kHz        #VBW 1 MHz        Span 25 MHz        Sweep 1 ms</p> <p>Occupied Bandwidth <b>16.742 MHz</b>        Total Power 16.5 dBm        Transmit Freq Error -10.597 kHz        x dB Bandwidth 20.35 MHz</p> <p>OBW Power 99.00 %        x dB -26.00 dB</p> <p>Center Freq 5.500000000 GHz        CF Step 2.500000 MHz        Freq Offset 0 Hz</p>
5560 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.560000000 GHz        Trig: Free Run        #Atten: 20 dB</p> <p>Ref Offset 11.8 dB        Ref 21.80 dBm</p> <p>Center 5.56 GHz        #Res BW 300 kHz        #VBW 1 MHz        Span 25 MHz        Sweep 1 ms</p> <p>Occupied Bandwidth <b>16.696 MHz</b>        Total Power 16.9 dBm        Transmit Freq Error -7.498 kHz        x dB Bandwidth 21.20 MHz</p> <p>OBW Power 99.00 %        x dB -26.00 dB</p> <p>Center Freq 5.560000000 GHz        CF Step 2.500000 MHz        Freq Offset 0 Hz</p>
5700 MHz	<p>Agilent Spectrum Analyzer - Occupied BW</p> <p>Center Freq: 5.700000000 GHz        Trig: Free Run        #Atten: 20 dB</p> <p>Ref Offset 11.8 dB        Ref 21.80 dBm</p> <p>Center 5.7 GHz        #Res BW 300 kHz        #VBW 1 MHz        Span 25 MHz        Sweep 1 ms</p> <p>Occupied Bandwidth <b>16.691 MHz</b>        Total Power 17.4 dBm        Transmit Freq Error -7.816 kHz        x dB Bandwidth 24.29 MHz</p> <p>OBW Power 99.00 %        x dB -26.00 dB</p> <p>Center Freq 5.700000000 GHz        CF Step 2.500000 MHz        Freq Offset 0 Hz</p>