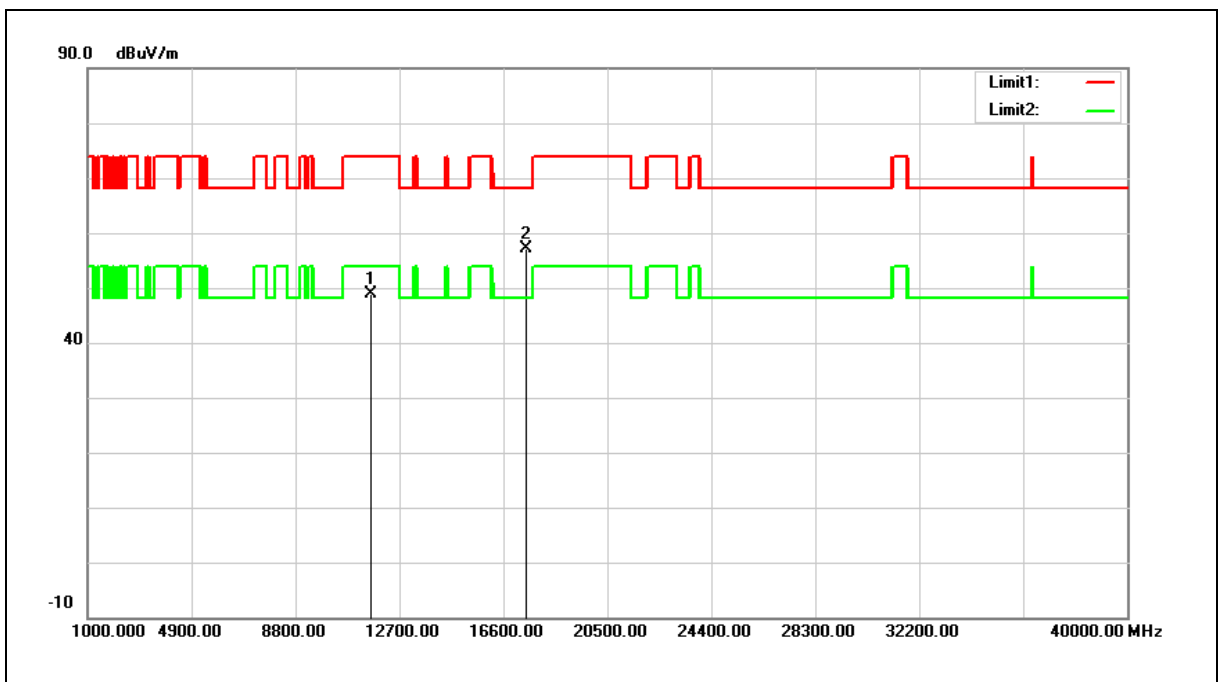


Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



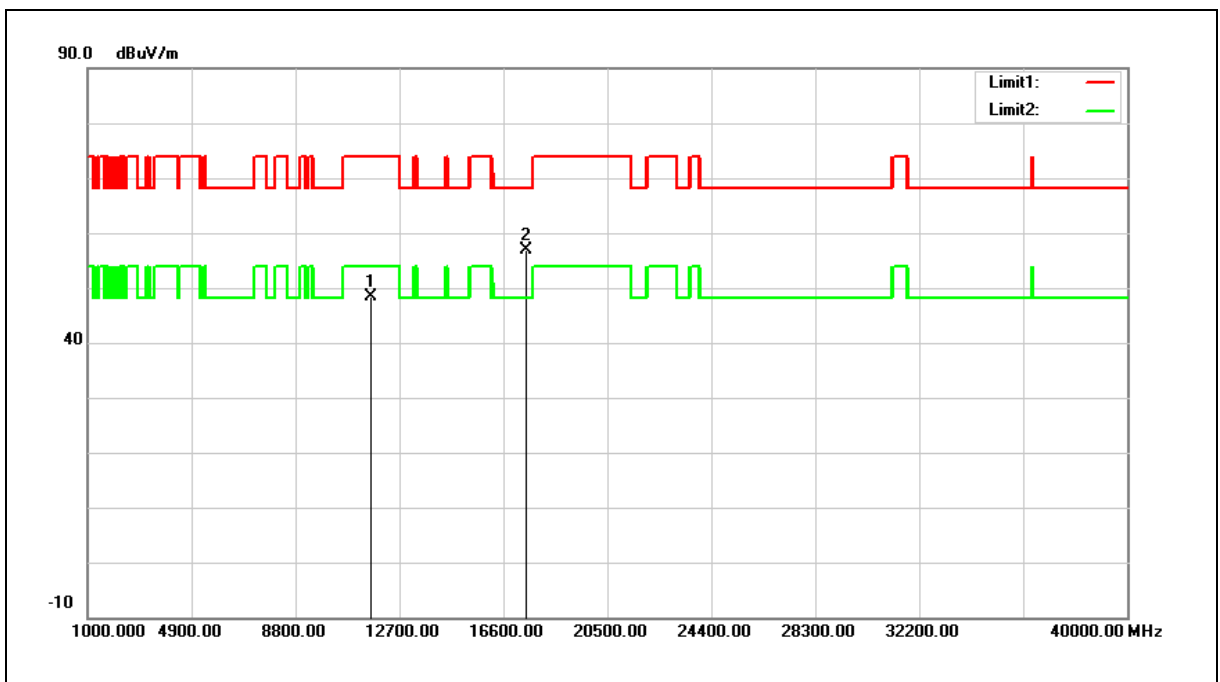
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	42.64	6.14	48.78	74.00	-25.22	peak
2	17475.000	42.54	14.51	57.05	68.20	-11.15	peak

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



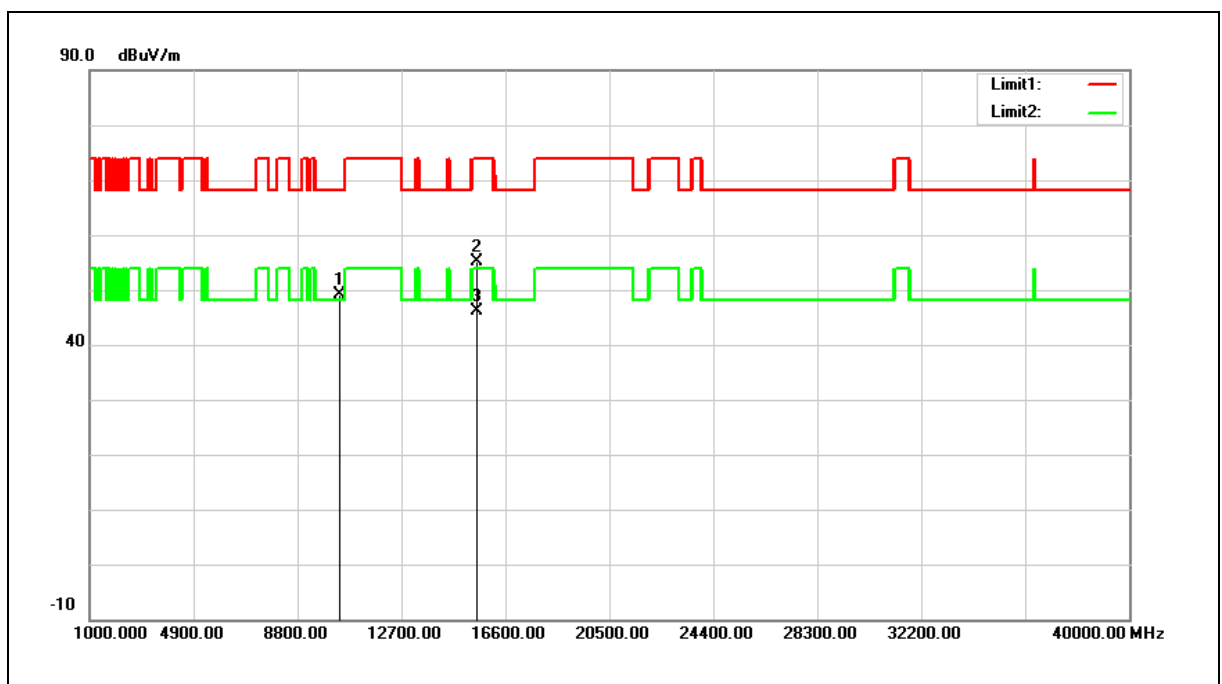
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	42.32	6.14	48.46	74.00	-25.54	peak
2	17475.000	42.39	14.51	56.90	68.20	-11.30	peak

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



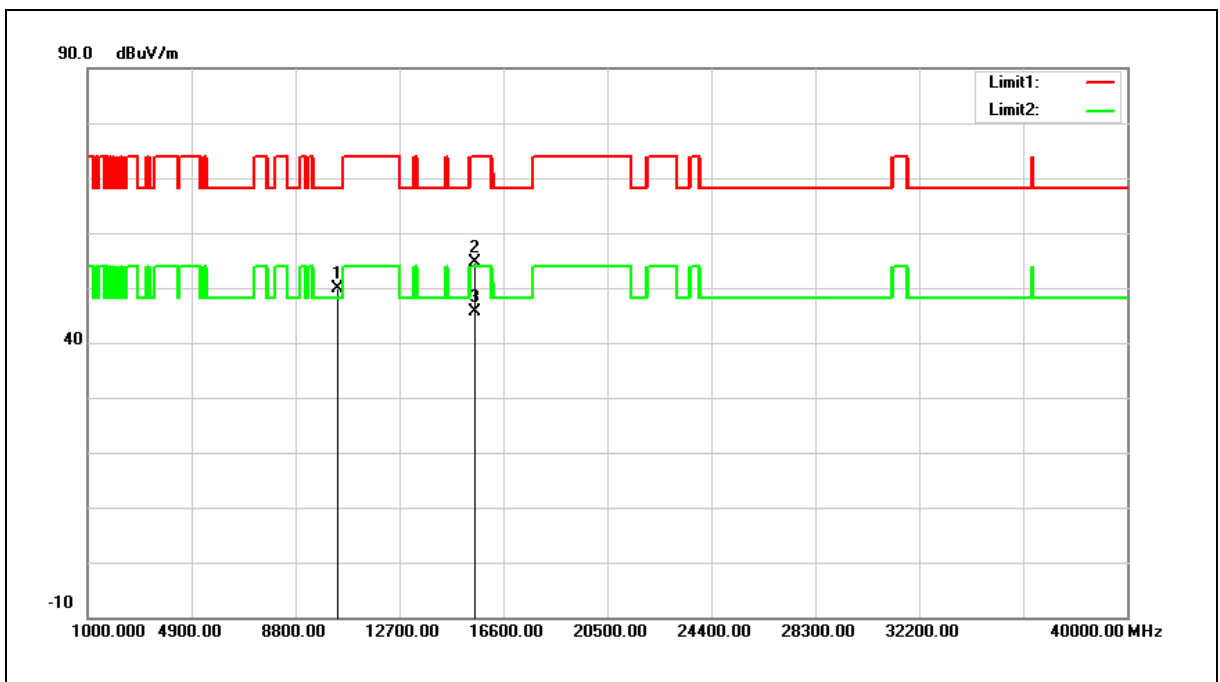
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	44.14	5.01	49.15	68.20	-19.05	peak
2	15540.000	42.68	12.57	55.25	74.00	-18.75	peak
3	15540.000	33.55	12.57	46.12	54.00	-7.88	AVG

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



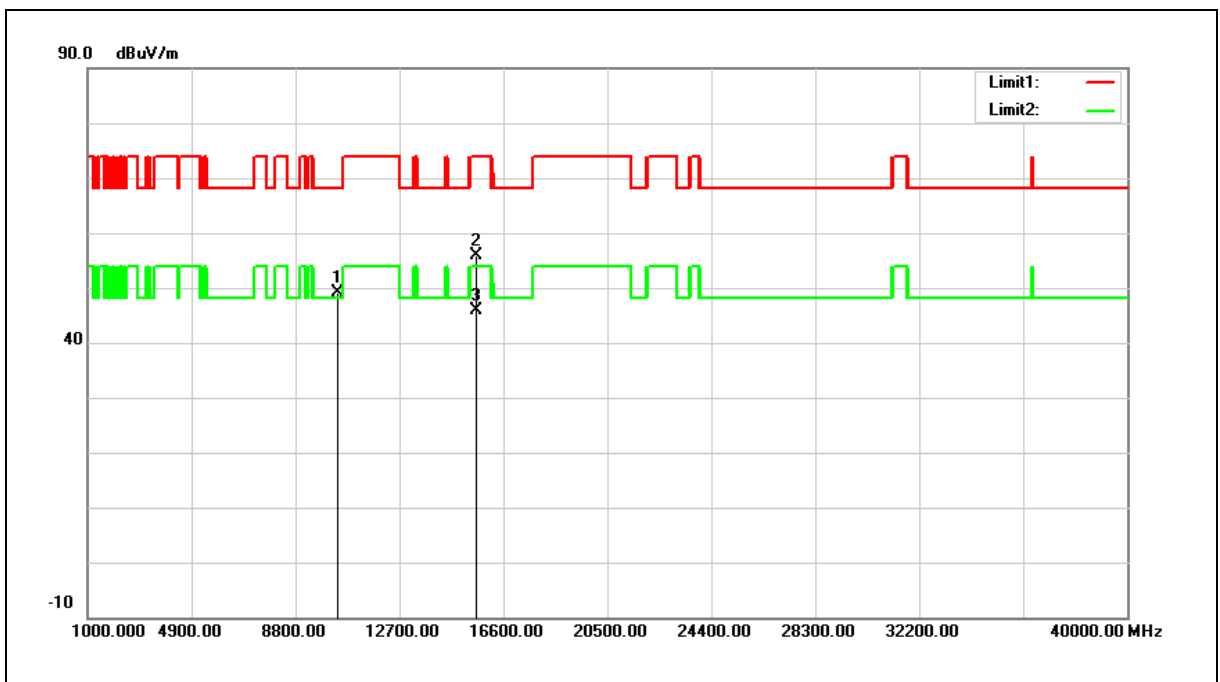
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	44.77	5.01	49.78	68.20	-18.42	peak
2	15540.000	42.15	12.57	54.72	74.00	-19.28	peak
3	15540.000	33.15	12.57	45.72	54.00	-8.28	AVG

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5200 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



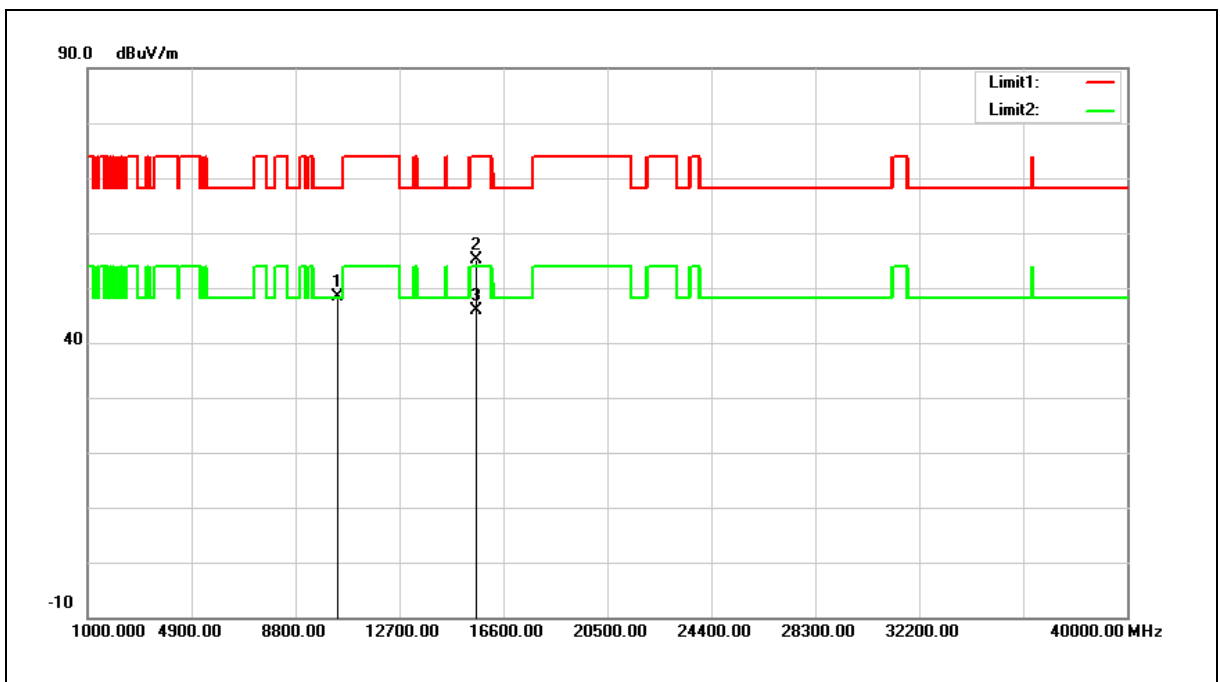
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	44.11	5.08	49.19	68.20	-19.01	peak
2	15600.000	43.09	12.81	55.90	74.00	-18.10	peak
3	15600.000	33.13	12.81	45.94	54.00	-8.06	AVG

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5200 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



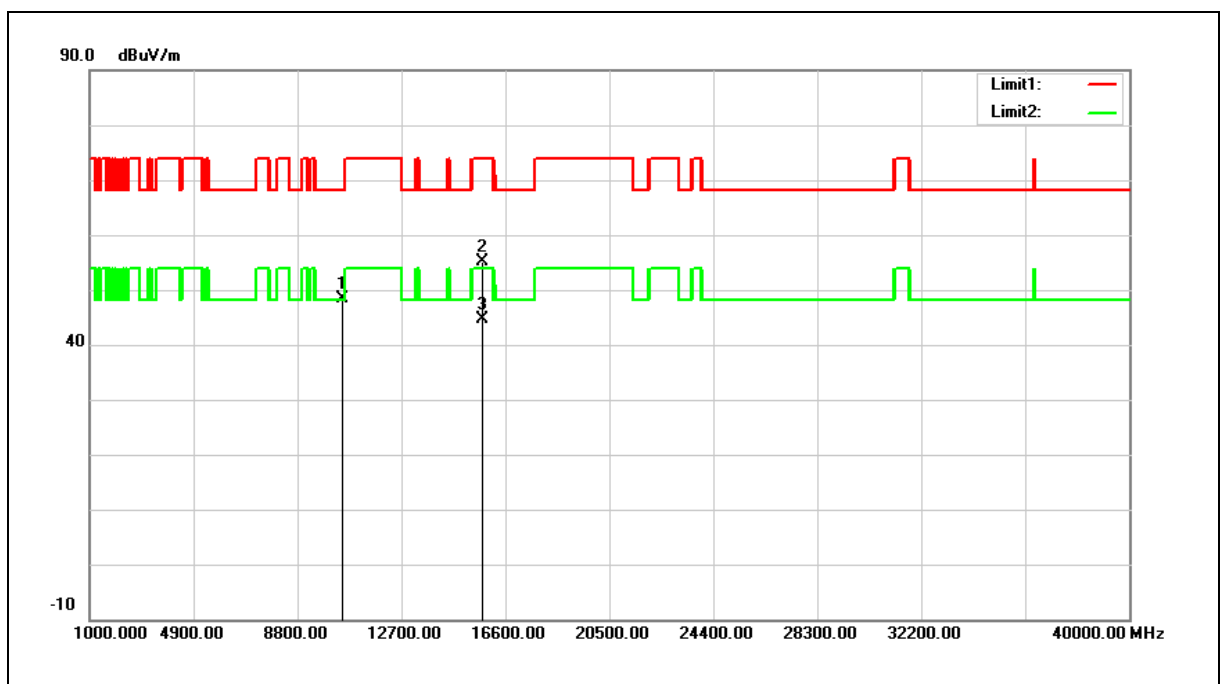
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	43.25	5.08	48.33	68.20	-19.87	peak
2	15600.000	42.40	12.81	55.21	74.00	-18.79	peak
3	15600.000	33.05	12.81	45.86	54.00	-8.14	AVG

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5240 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



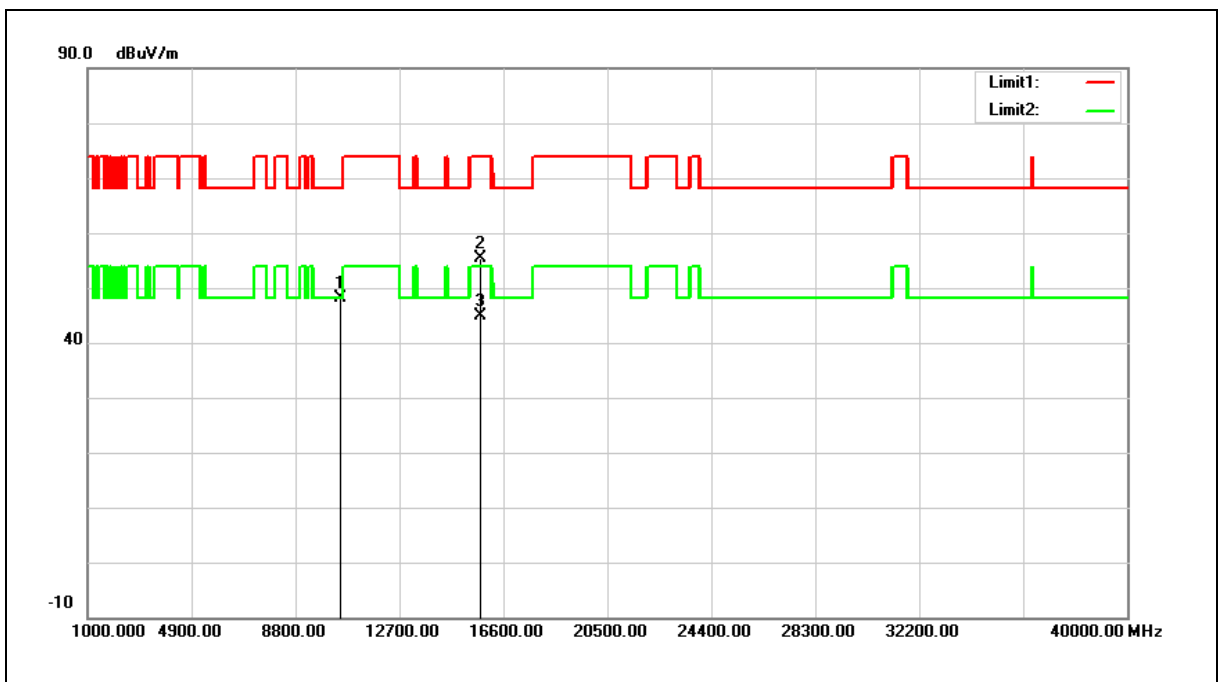
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	43.18	5.14	48.32	68.20	-19.88	peak
2	15720.000	42.25	12.76	55.01	74.00	-18.99	peak
3	15720.000	31.78	12.76	44.54	54.00	-9.46	AVG

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5240 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



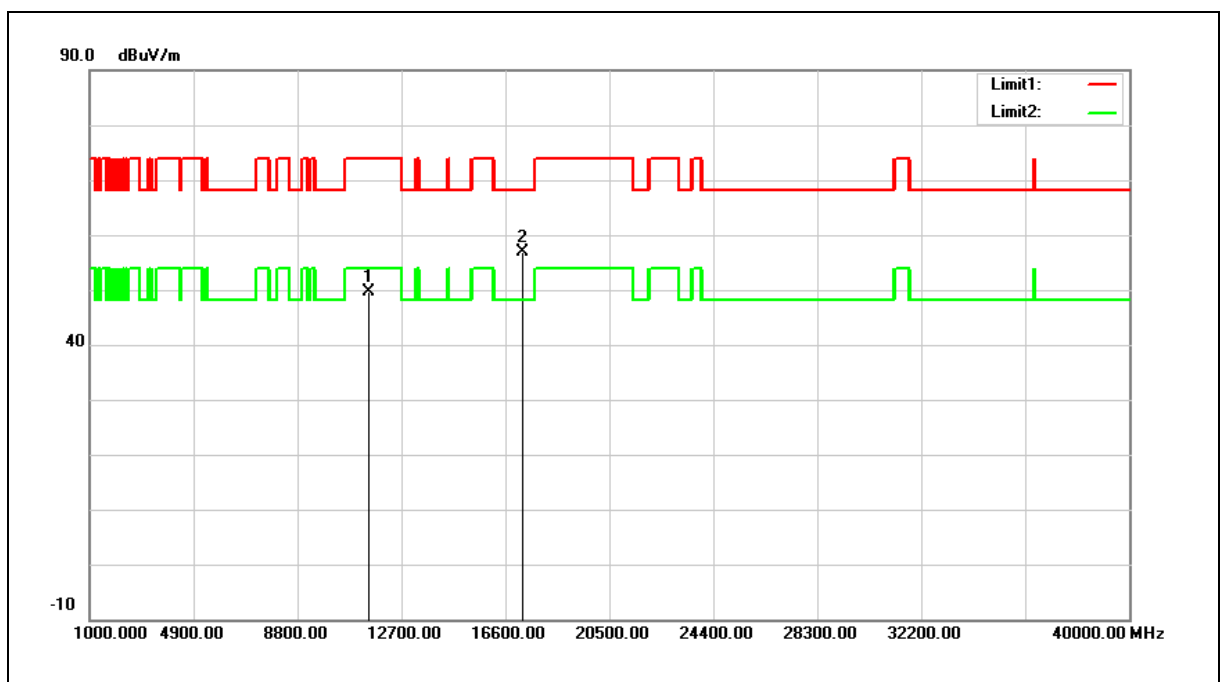
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	42.93	5.14	48.07	68.20	-20.13	peak
2	15720.000	42.54	12.76	55.30	74.00	-18.70	peak
3	15720.000	32.10	12.76	44.86	54.00	-9.14	AVG

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



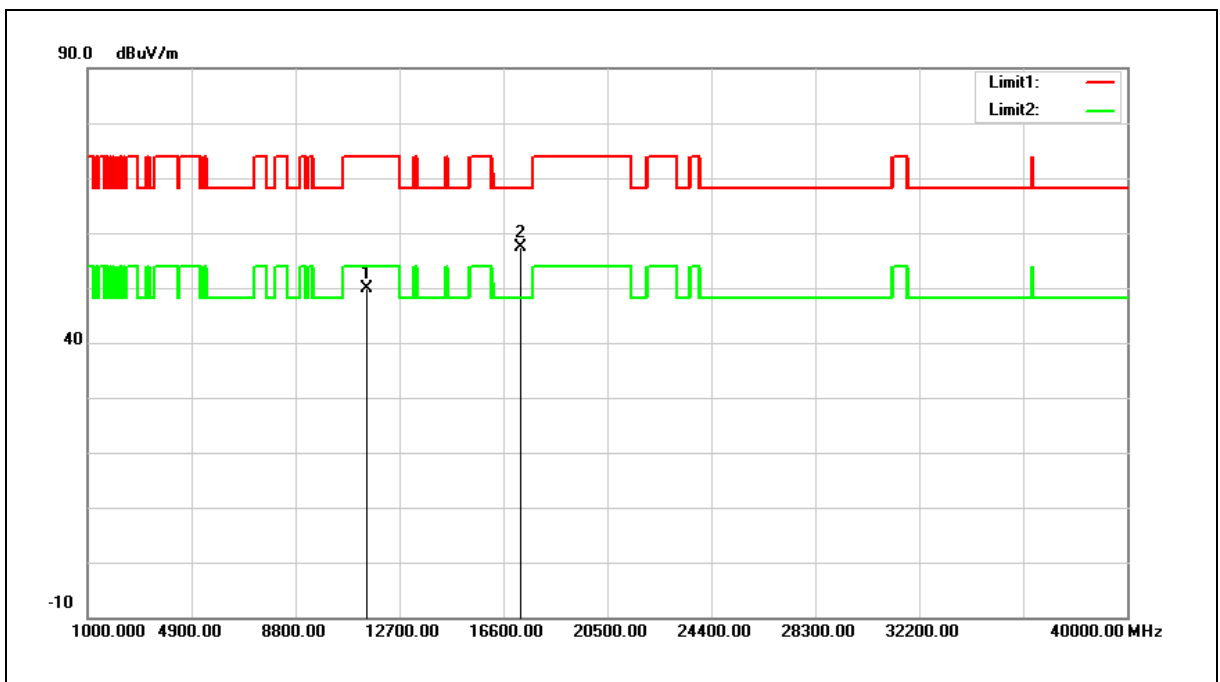
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	43.66	5.99	49.65	74.00	-24.35	peak
2	17235.000	42.07	14.78	56.85	68.20	-11.35	peak

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



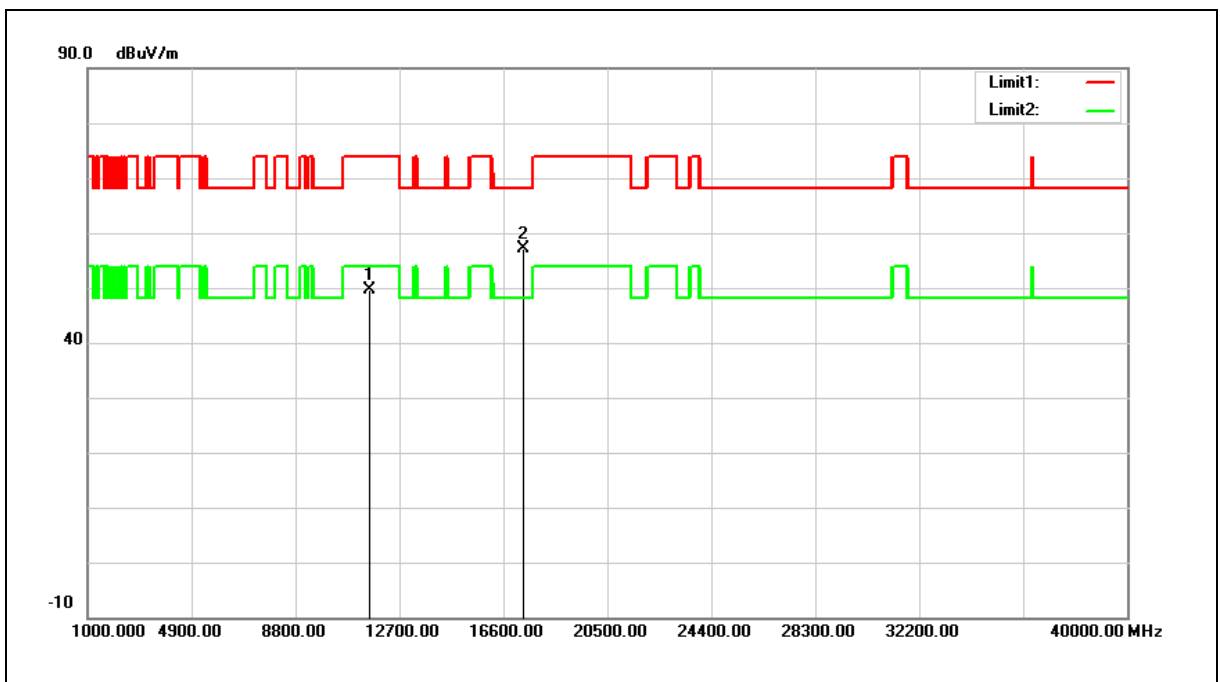
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	43.87	5.99	49.86	74.00	-24.14	peak
2	17235.000	42.70	14.78	57.48	68.20	-10.72	peak

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



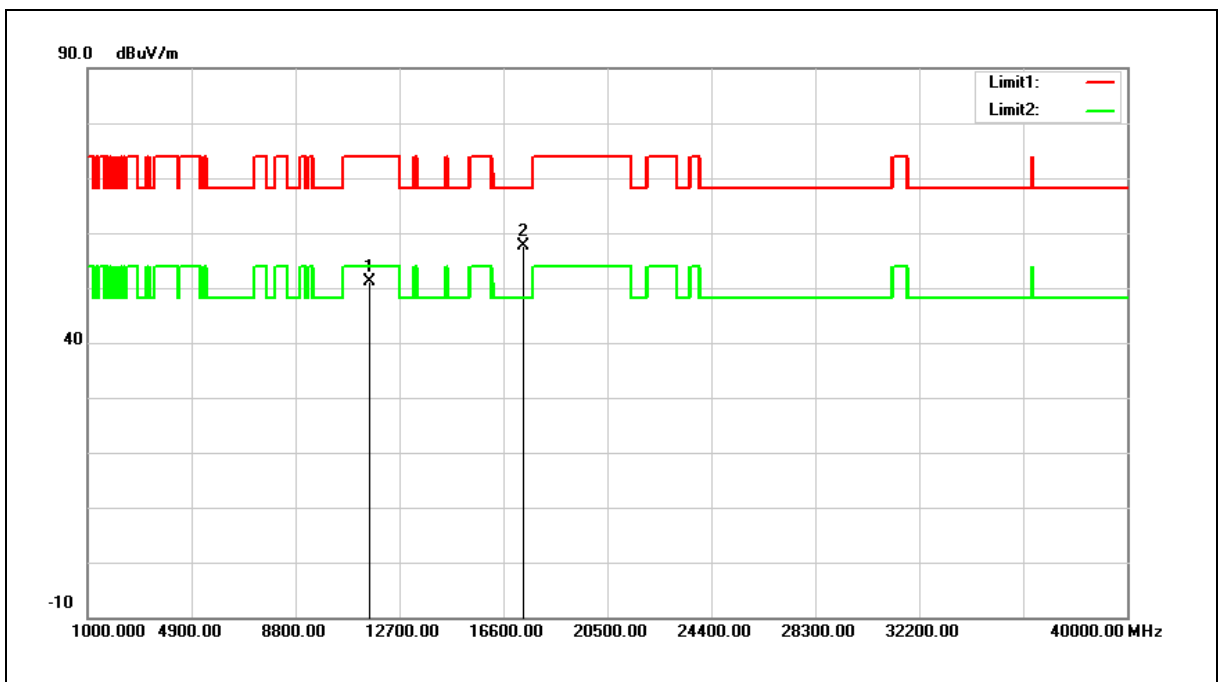
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	43.65	6.02	49.67	74.00	-24.33	peak
2	17355.000	42.68	14.49	57.17	68.20	-11.03	peak

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



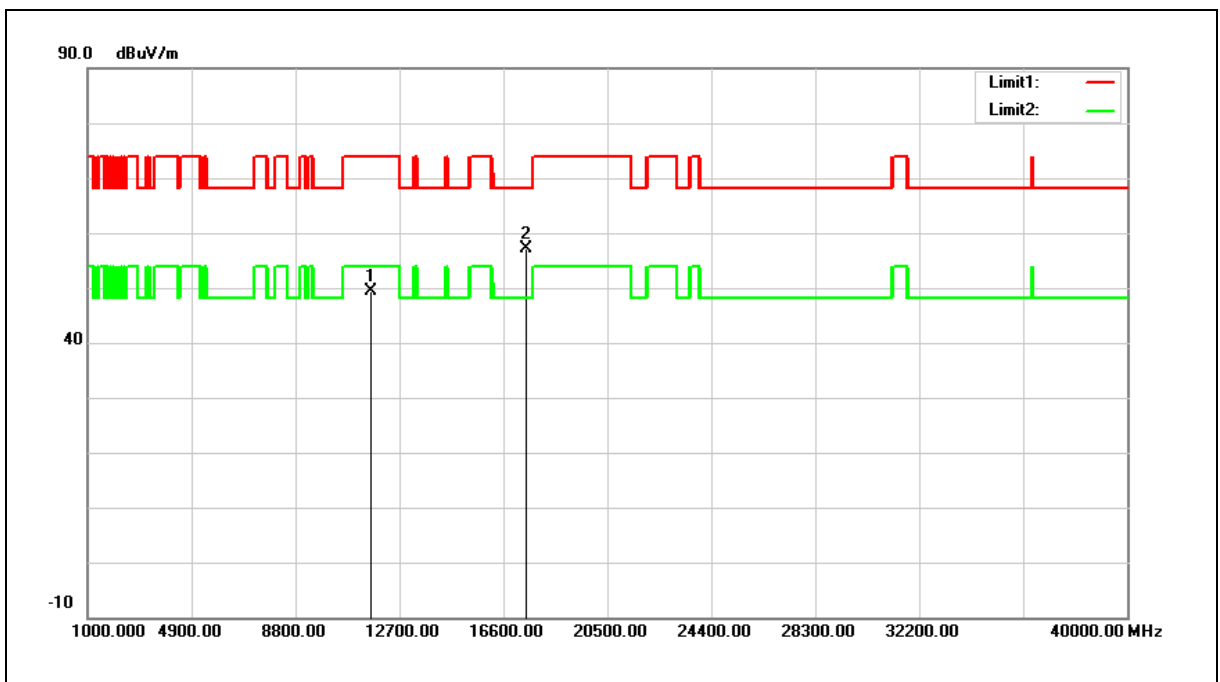
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	45.00	6.02	51.02	74.00	-22.98	peak
2	17355.000	43.25	14.49	57.74	68.20	-10.46	peak

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



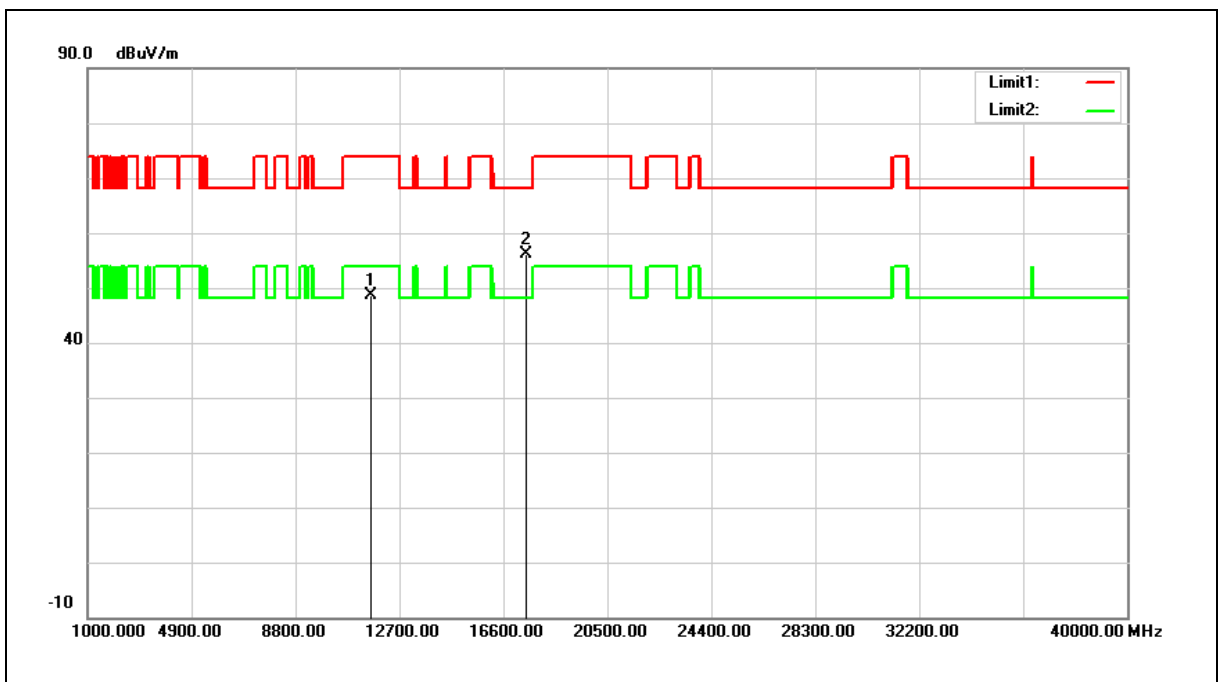
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	43.13	6.14	49.27	74.00	-24.73	peak
2	17475.000	42.72	14.51	57.23	68.20	-10.97	peak

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



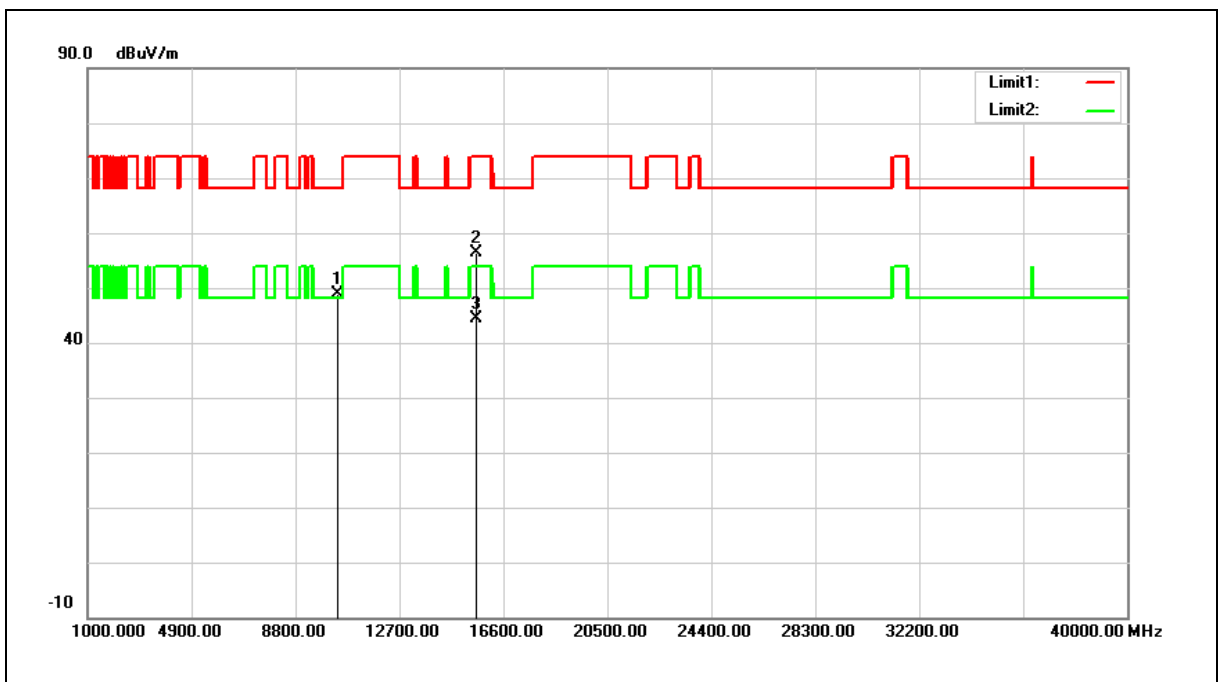
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	42.61	6.14	48.75	74.00	-25.25	peak
2	17475.000	41.63	14.51	56.14	68.20	-12.06	peak

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5190 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



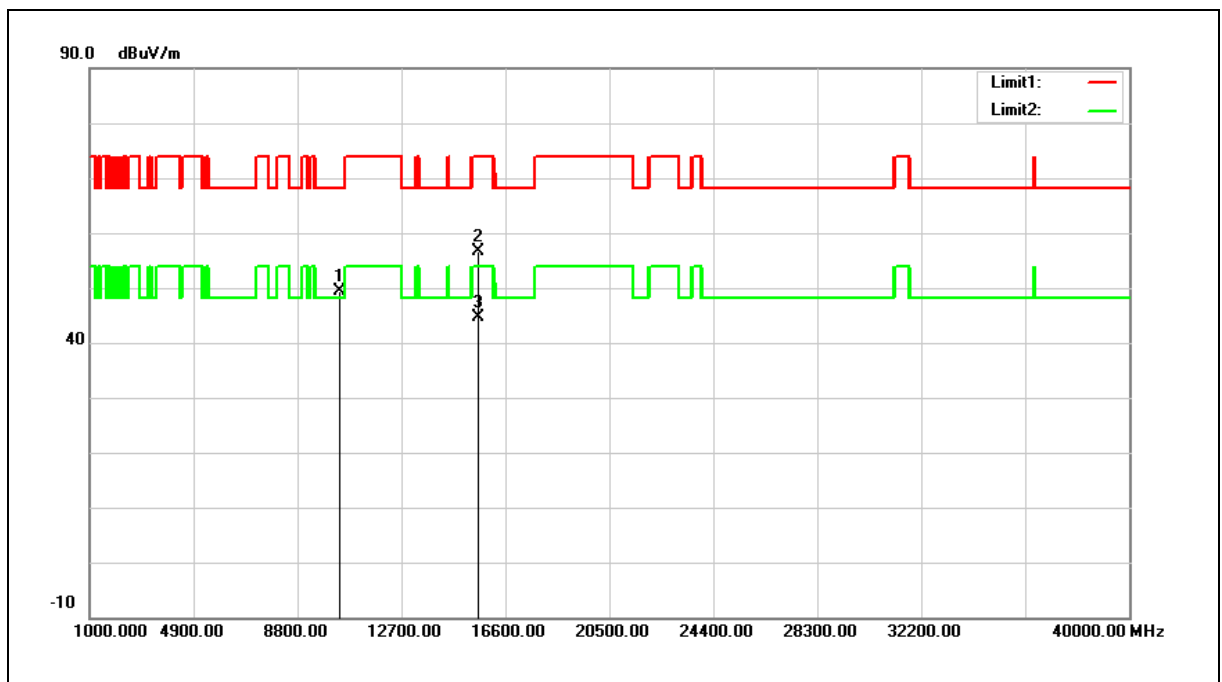
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	43.95	5.04	48.99	68.20	-19.21	peak
2	15570.000	43.71	12.68	56.39	74.00	-17.61	peak
3	15570.000	31.64	12.68	44.32	54.00	-9.68	AVG

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5190 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Vertical		



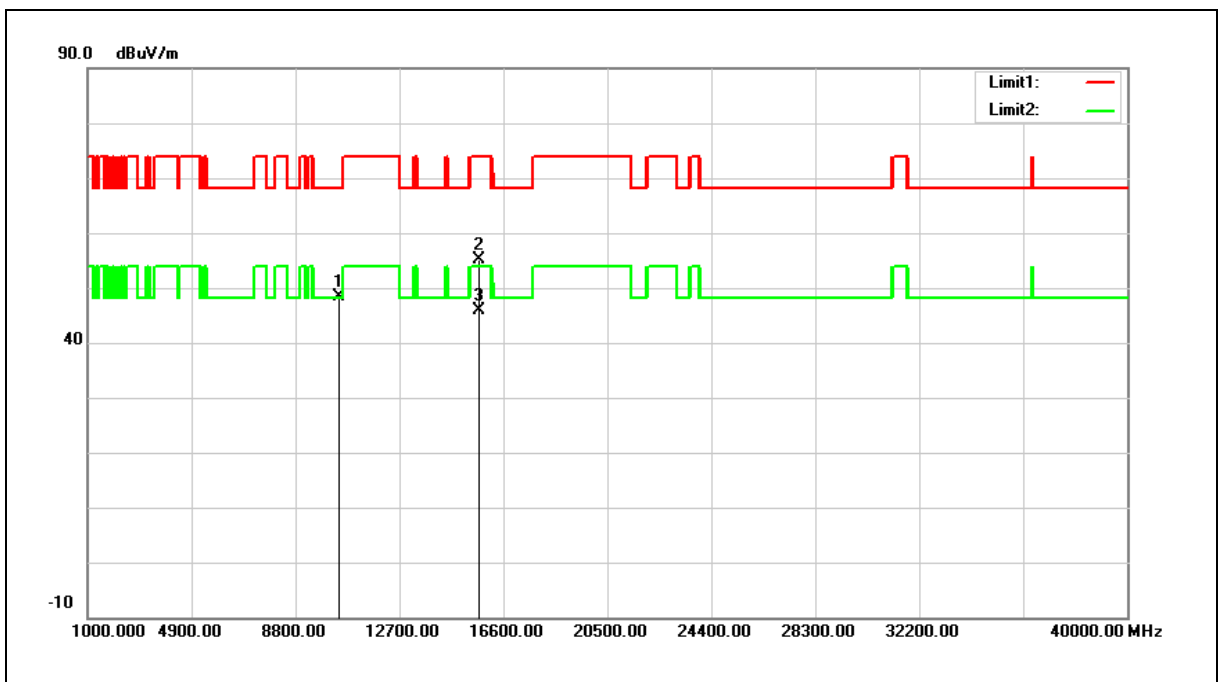
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	44.26	5.04	49.30	68.20	-18.90	peak
2	15570.000	43.84	12.68	56.52	74.00	-17.48	peak
3	15570.000	31.95	12.68	44.63	54.00	-9.37	AVG

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



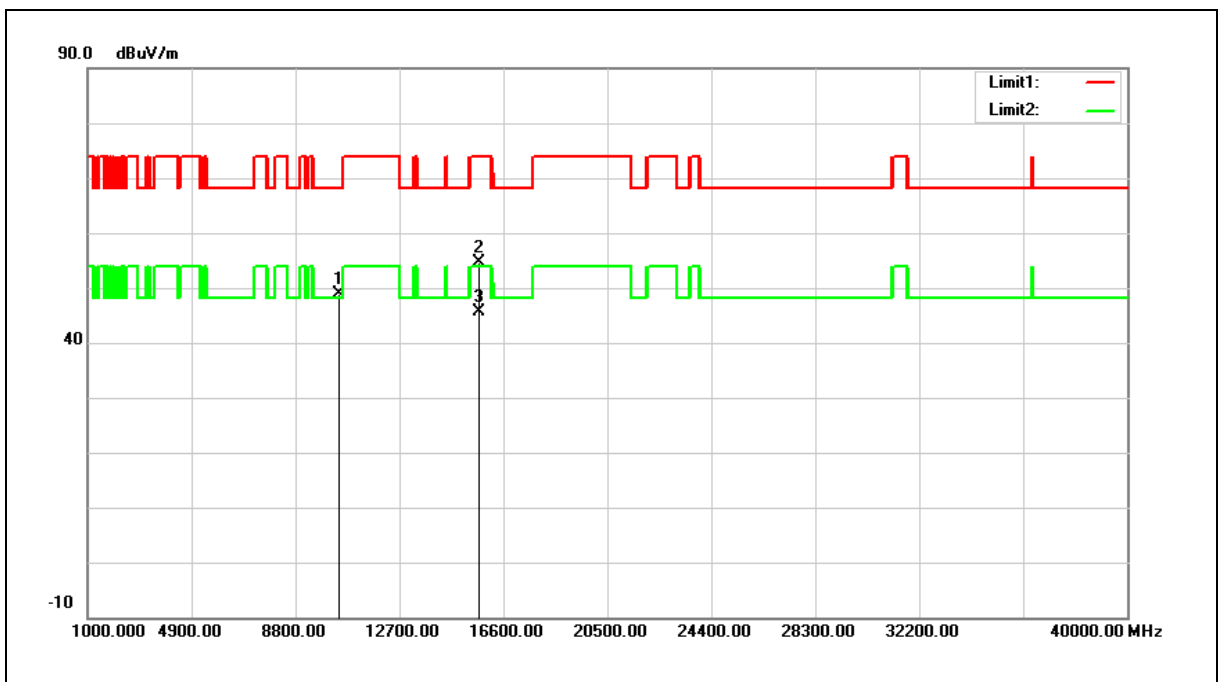
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	43.30	5.13	48.43	68.20	-19.77	peak
2	15690.000	42.45	12.78	55.23	74.00	-18.77	peak
3	15690.000	33.20	12.78	45.98	54.00	-8.02	AVG

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Vertical		



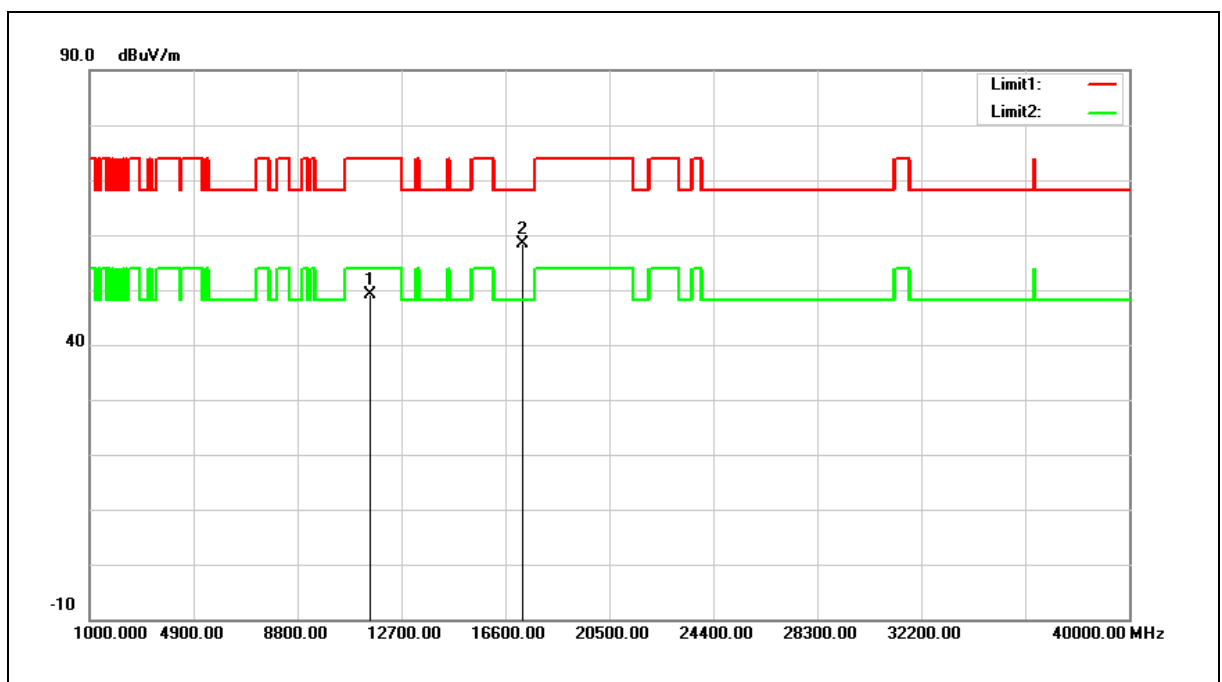
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	43.65	5.13	48.78	68.20	-19.42	peak
2	15690.000	41.74	12.78	54.52	74.00	-19.48	peak
3	15690.000	32.80	12.78	45.58	54.00	-8.42	AVG

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5755 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



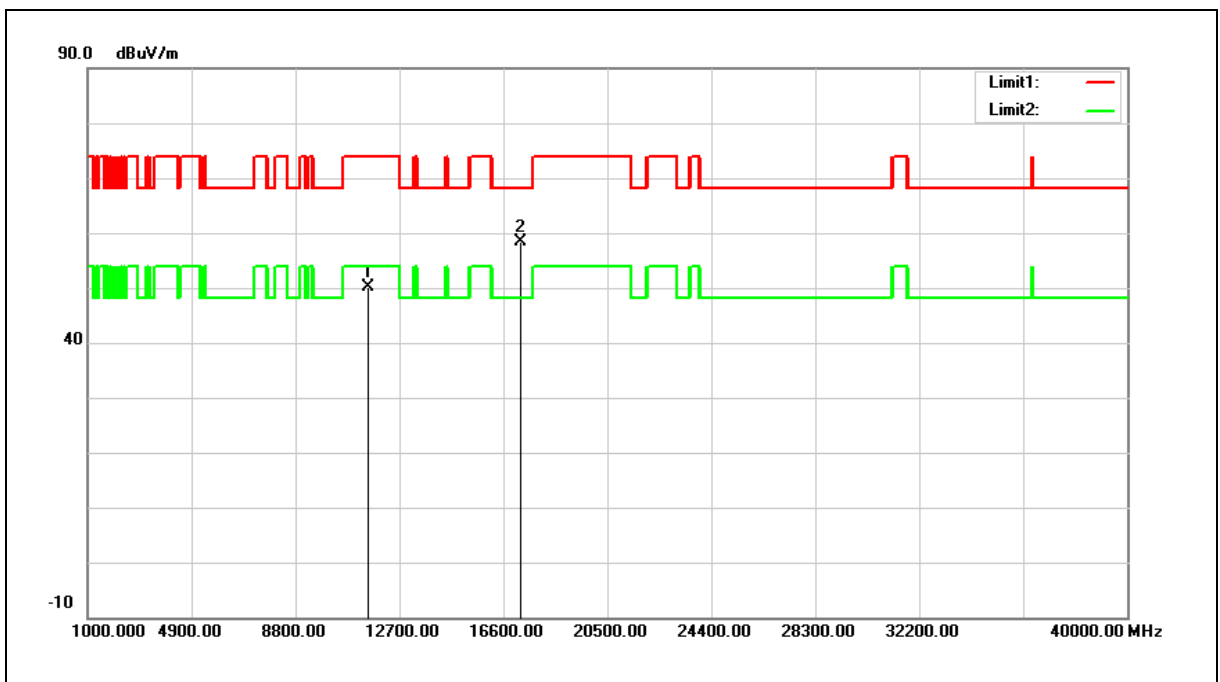
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	43.27	5.98	49.25	74.00	-24.75	peak
2	17265.000	43.68	14.71	58.39	68.20	-9.81	peak

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.

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5755 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Vertical		



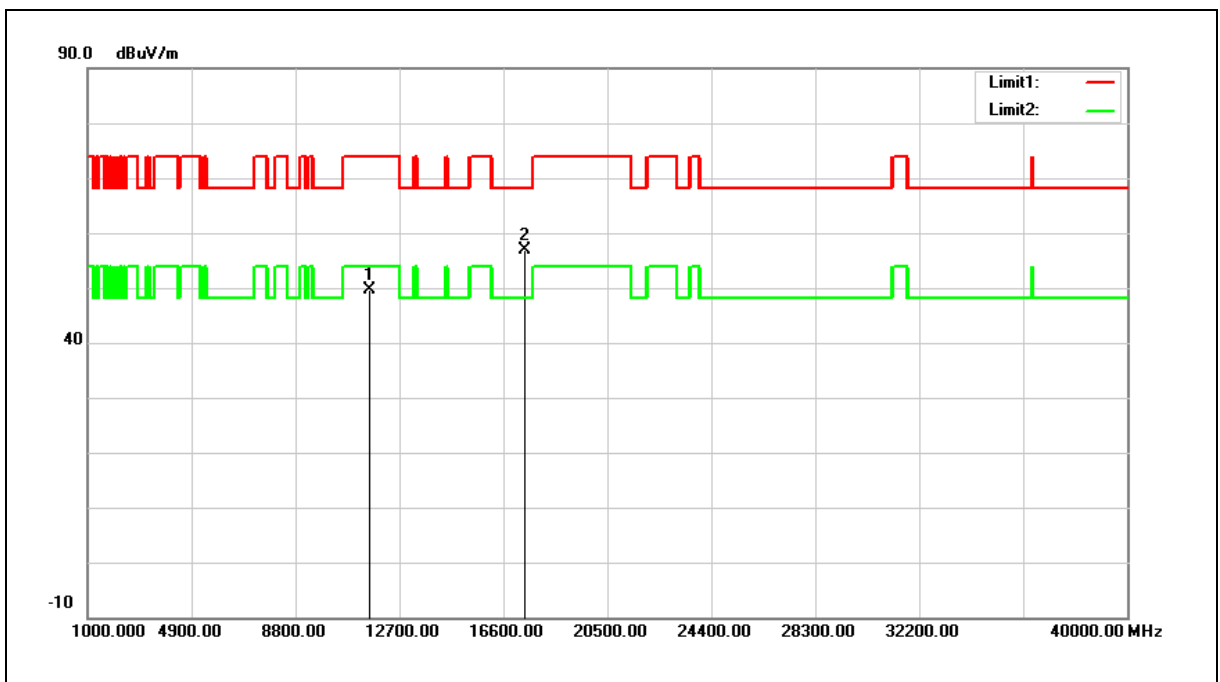
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	44.04	5.98	50.02	74.00	-23.98	peak
2	17265.000	43.64	14.71	58.35	68.20	-9.85	peak

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5795 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



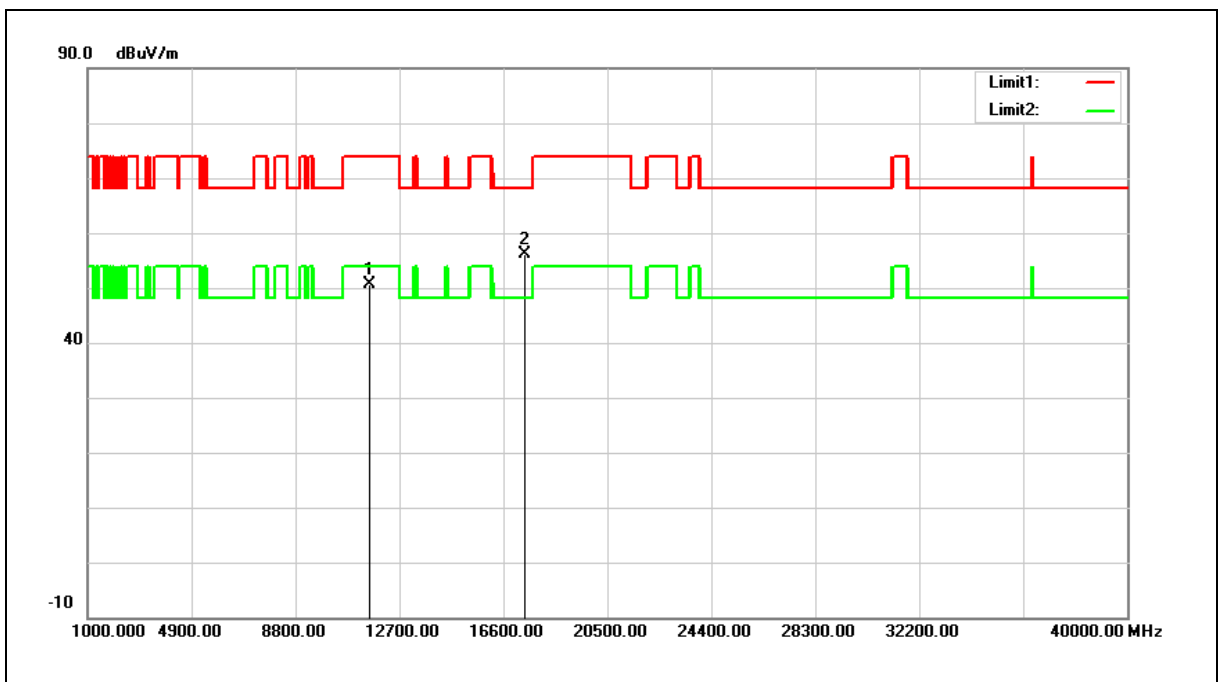
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	43.61	6.03	49.64	74.00	-24.36	peak
2	17385.000	42.40	14.41	56.81	68.20	-11.39	peak

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5795 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Vertical		



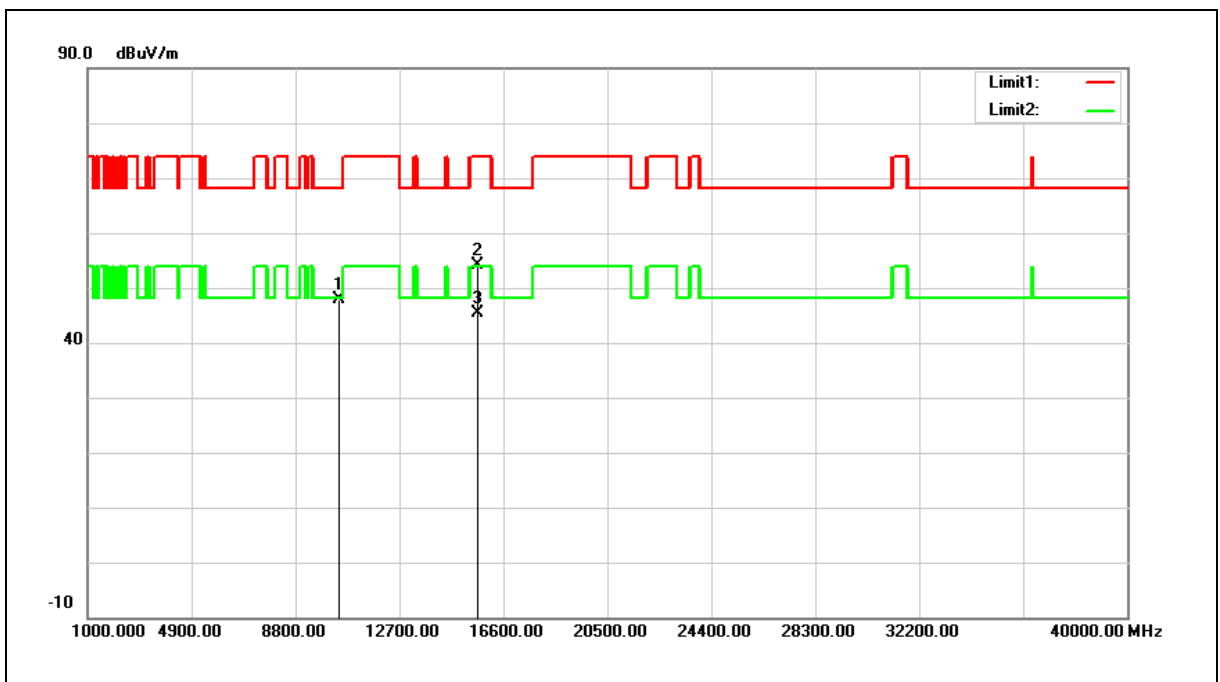
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	44.55	6.03	50.58	74.00	-23.42	peak
2	17385.000	41.81	14.41	56.22	68.20	-11.98	peak

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



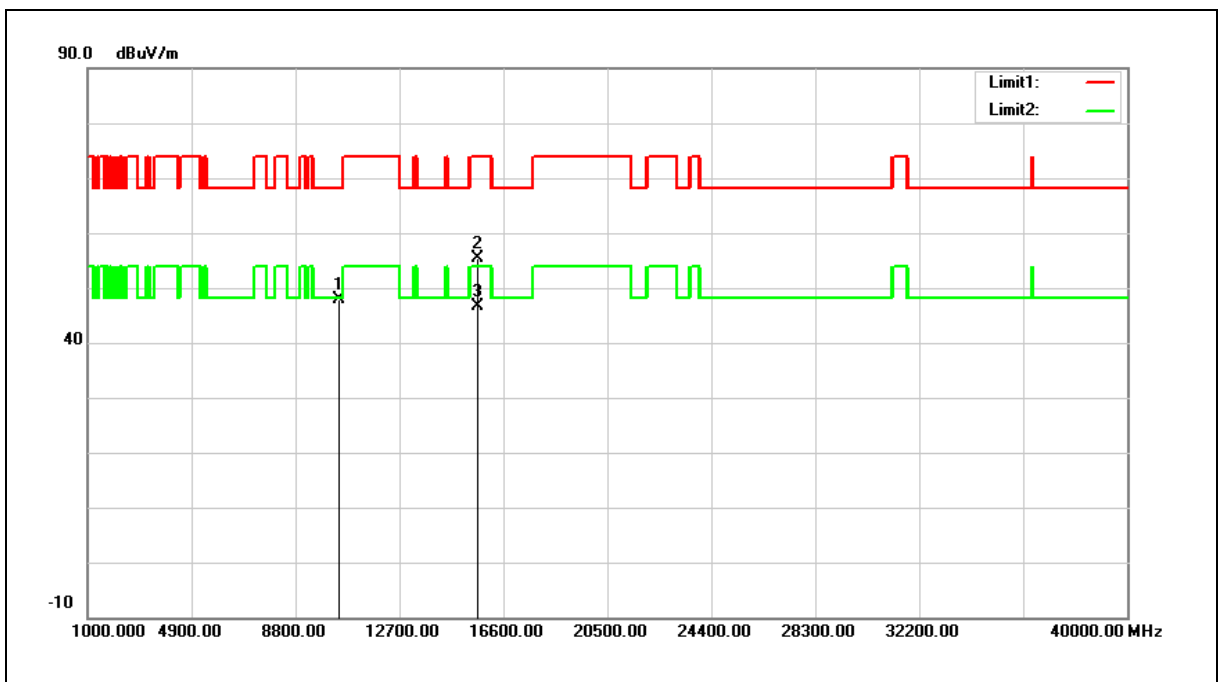
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	42.81	5.10	47.91	68.20	-20.29	peak
2	15630.000	41.21	12.80	54.01	74.00	-19.99	peak
3	15630.000	32.52	12.80	45.32	54.00	-8.68	AVG

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Vertical		



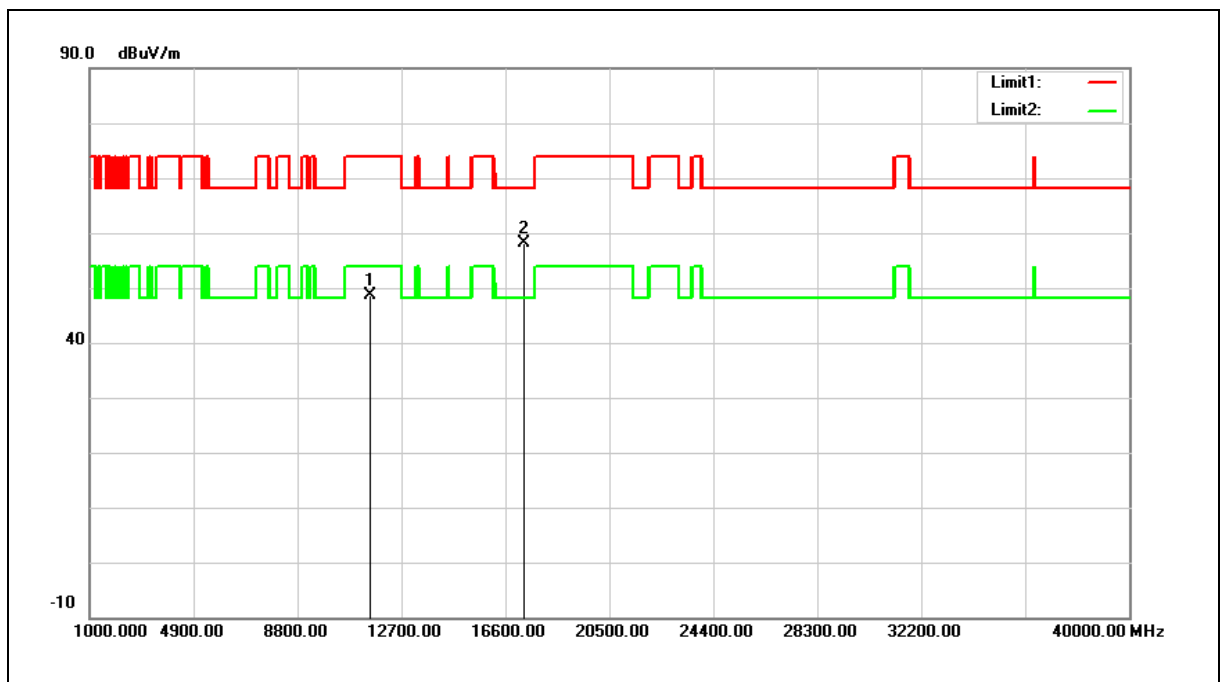
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	42.85	5.10	47.95	68.20	-20.25	peak
2	15630.000	42.65	12.80	55.45	74.00	-18.55	peak
3	15630.000	33.72	12.80	46.52	54.00	-7.48	AVG

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5775 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



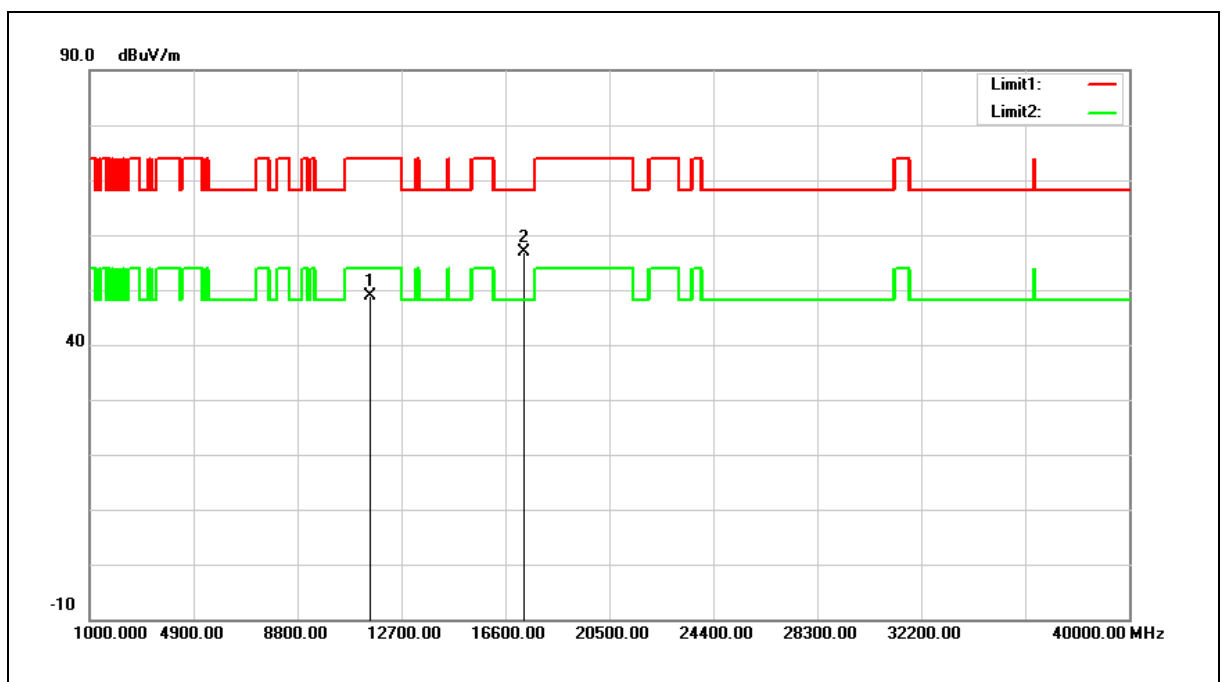
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	42.73	6.01	48.74	74.00	-25.26	peak
2	17325.000	43.60	14.56	58.16	68.20	-10.04	peak

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5775 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Vertical		



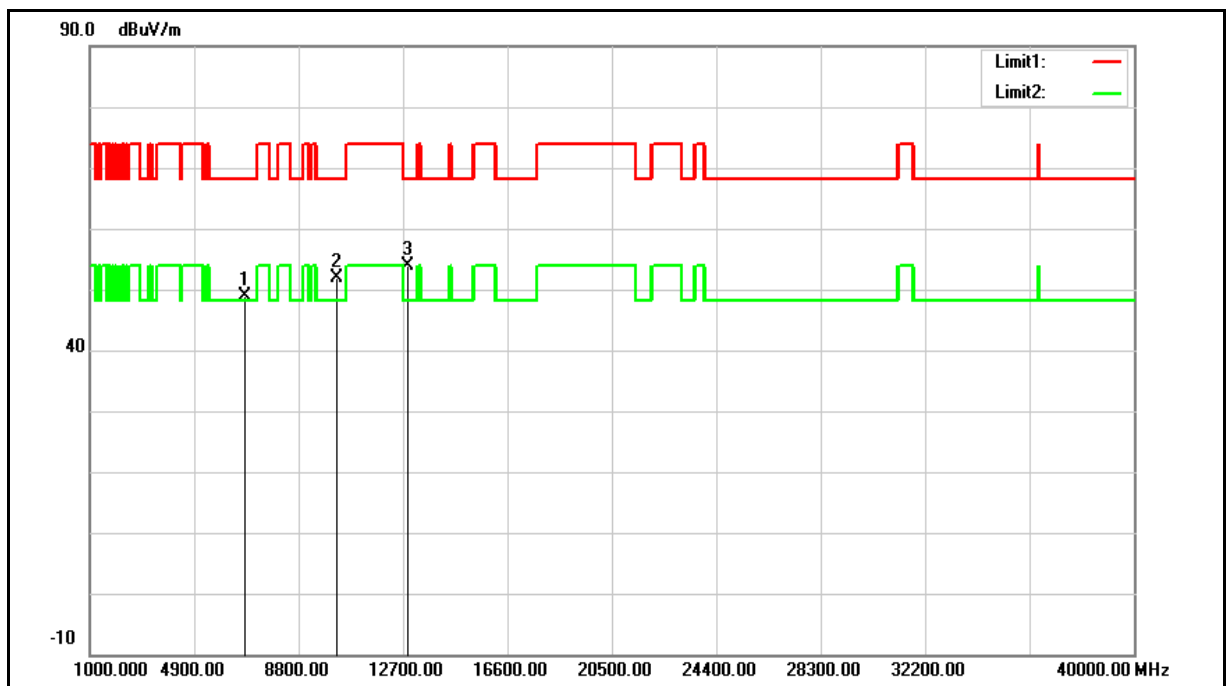
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	42.95	6.01	48.96	74.00	-25.04	peak
2	17325.000	42.23	14.56	56.79	68.20	-11.41	peak

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Test Mode:	Simultaneous Transmitting (5 GHz WLAN+Bluetooth)	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Horizontal		



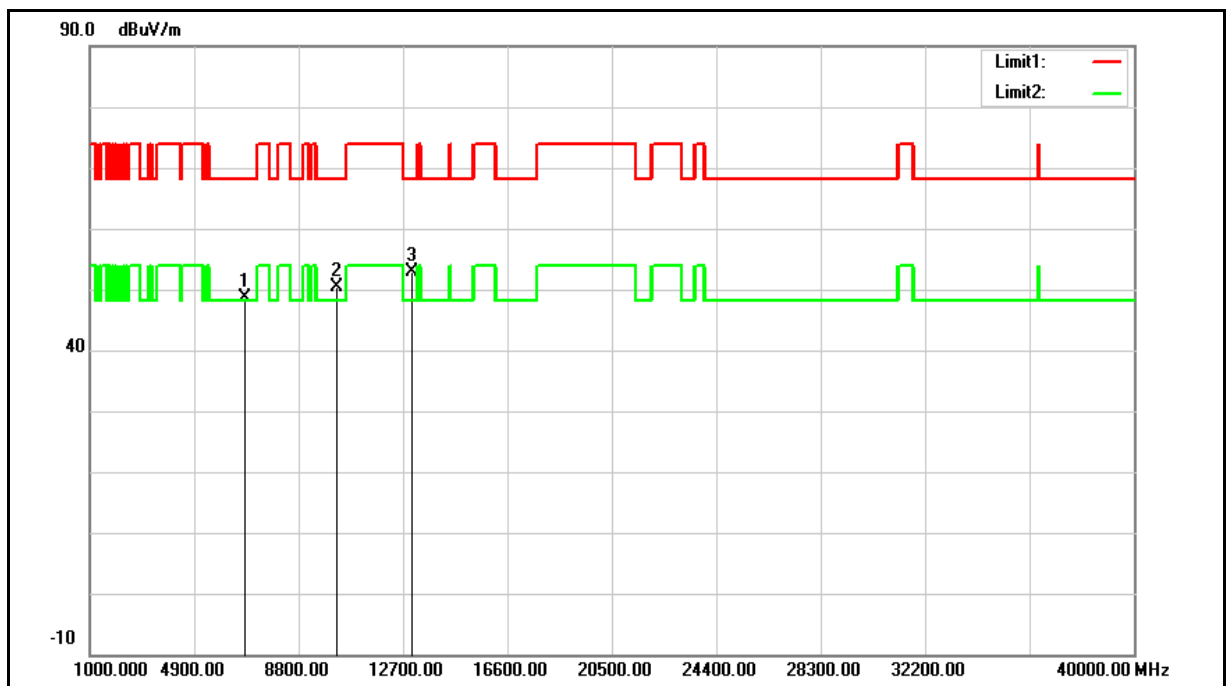
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6746.000	50.72	-1.86	48.86	68.20	-19.34	peak
2	10197.000	47.10	4.74	51.84	68.20	-16.36	peak
3	12849.000	46.18	7.65	53.83	68.20	-14.37	peak

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Test Mode:	Simultaneous Transmitting (5 GHz WLAN+Bluetooth)	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Ant.Polar.:	Vertical		



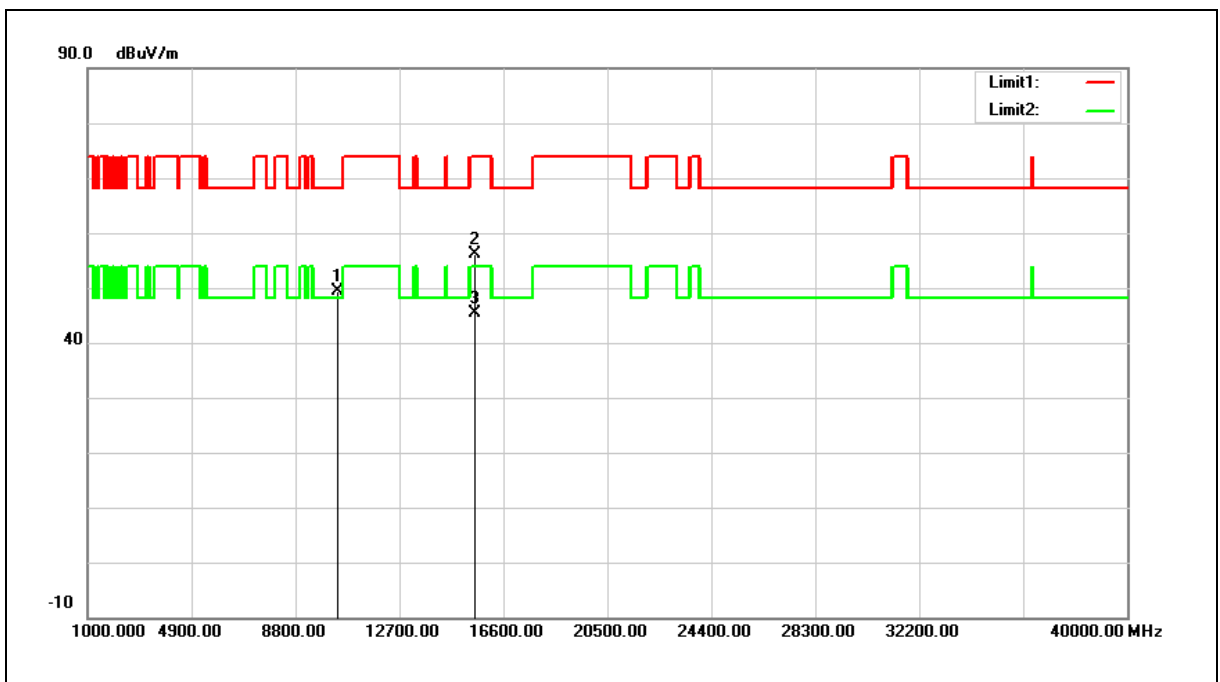
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6763.000	50.48	-1.83	48.65	68.20	-19.55	peak
2	10197.000	45.64	4.74	50.38	68.20	-17.82	peak
3	13002.000	45.29	7.66	52.95	68.20	-15.25	peak

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



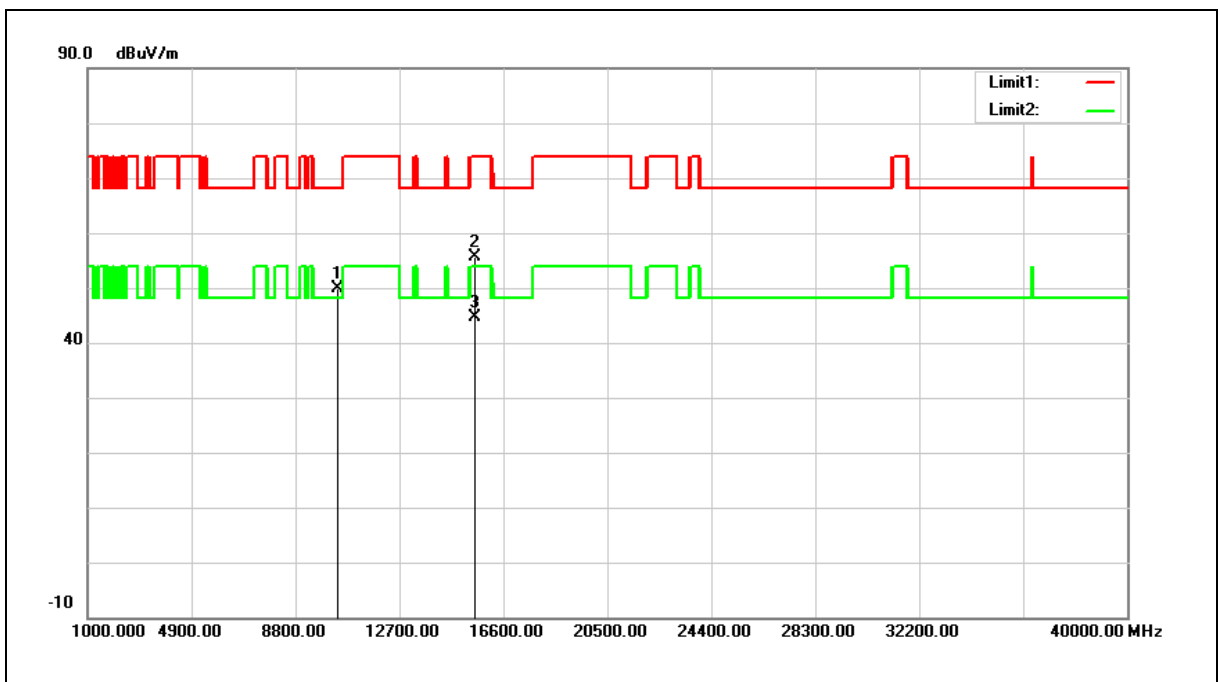
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	44.49	5.01	49.50	68.20	-18.70	peak
2	15540.000	43.57	12.57	56.14	74.00	-17.86	peak
3	15540.000	32.75	12.57	45.32	54.00	-8.68	AVG

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:	LP0002	Test Distance:	3 m
Test item:	Harmonic	Power:	AC 110 V/60 Hz
Frequency:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Vertical		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	44.91	5.01	49.92	68.20	-18.28	peak
2	15540.000	43.06	12.57	55.63	74.00	-18.37	peak
3	15540.000	32.08	12.57	44.65	54.00	-9.35	AVG

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

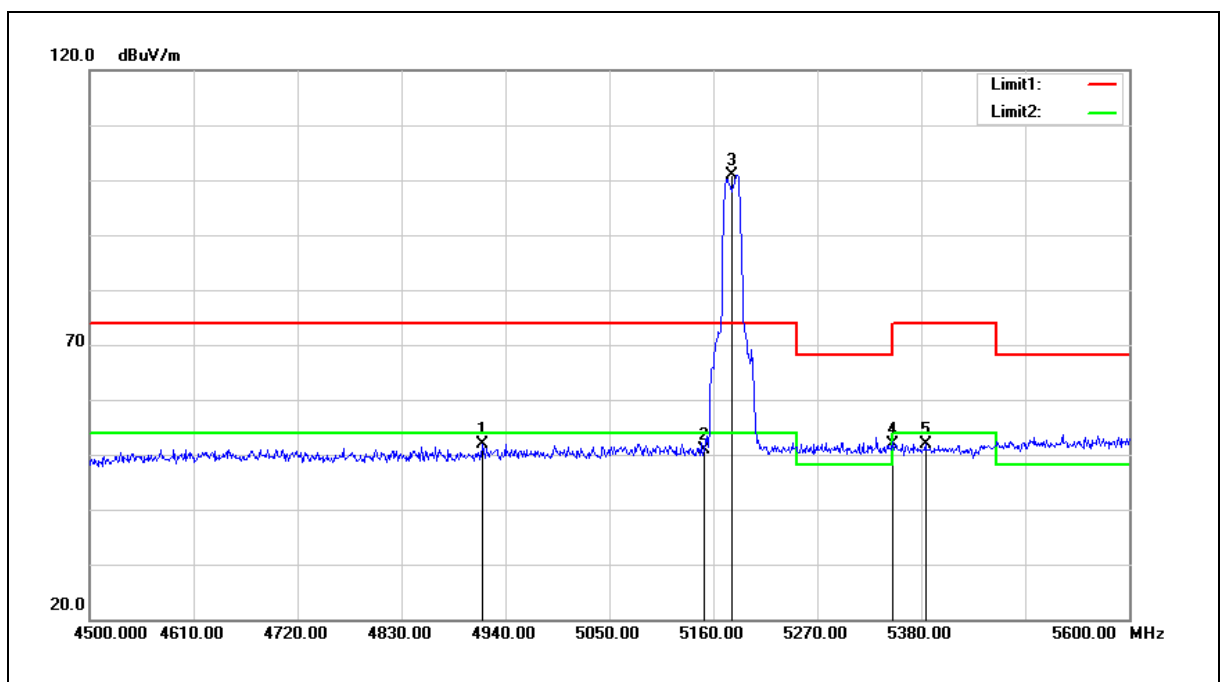
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

頻帶邊緣

附註：其上下邊緣落於低功率射頻電機第 2.7 節所列頻帶內之混附發射，其電場強度必須符合第 2.8 節的限制規定。

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



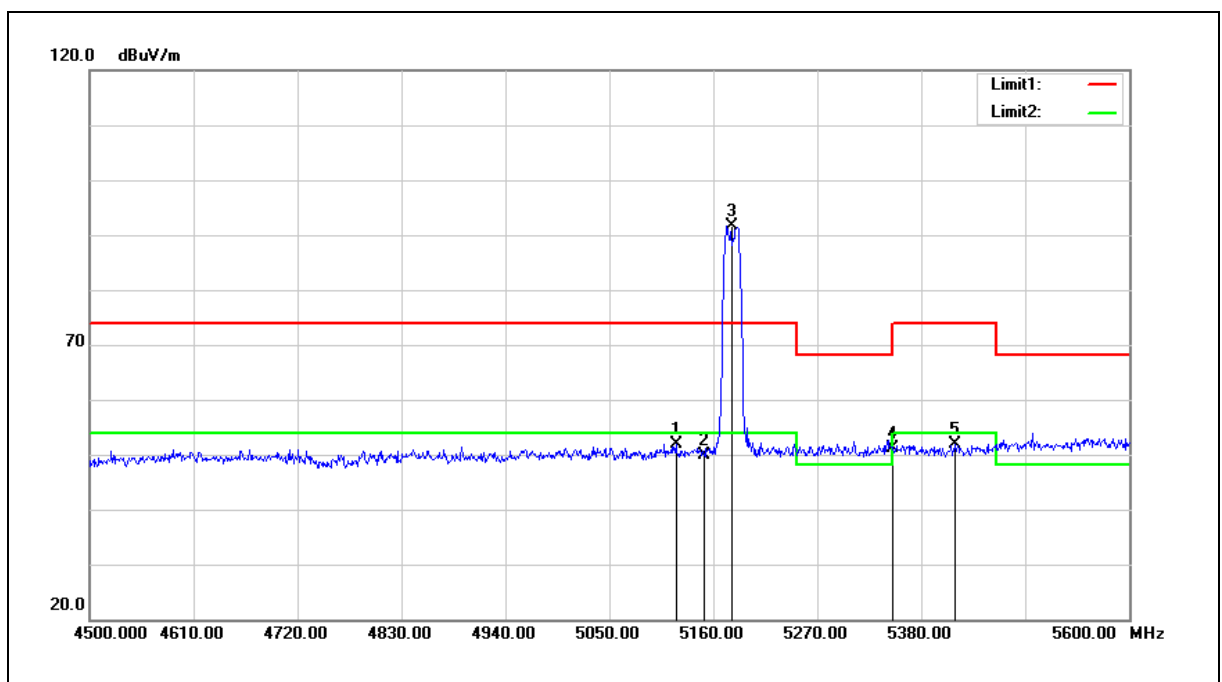
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4915.800	57.07	-5.13	51.94	74.00	-22.06	peak
2	5150.000	55.76	-4.95	50.81	74.00	-23.19	peak
3	5180.000	105.87	-4.89	100.98	---	---	peak
4	5350.000	56.39	-4.47	51.92	74.00	-22.08	peak
5	5384.400	56.28	-4.38	51.90	74.00	-22.10	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



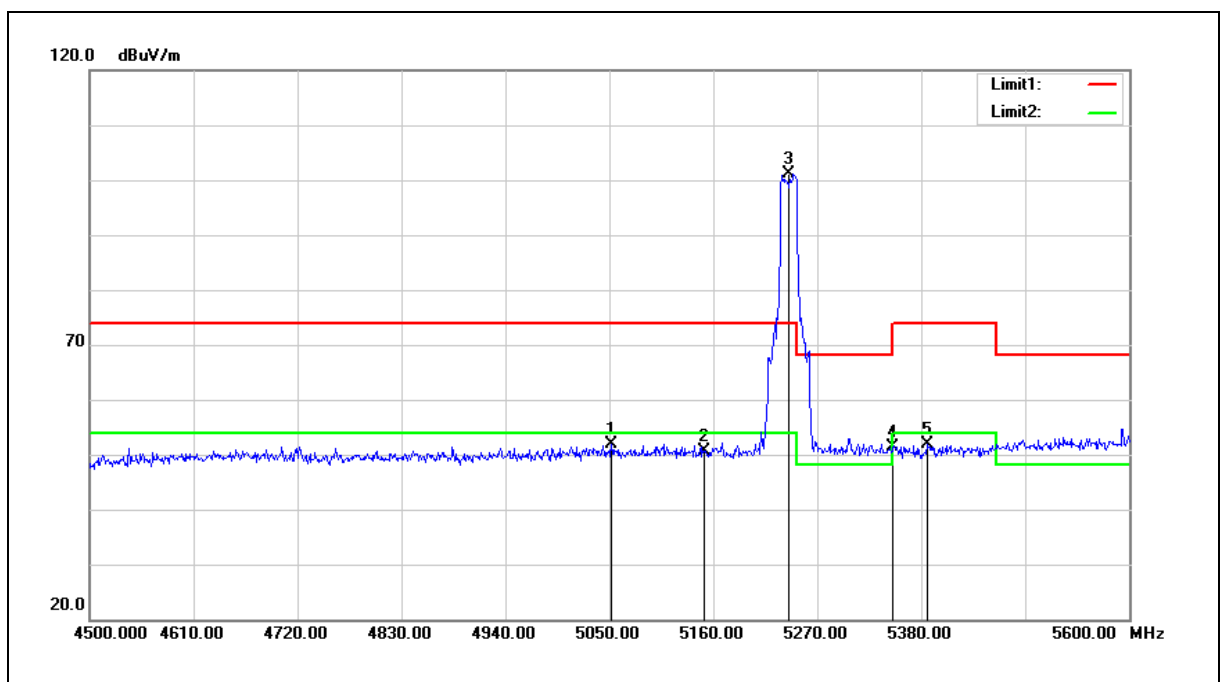
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.400	56.81	-5.00	51.81	74.00	-22.19	peak
2	5150.000	54.76	-4.95	49.81	74.00	-24.19	peak
3	5180.000	96.43	-4.89	91.54	---	---	peak
4	5350.000	55.56	-4.47	51.09	74.00	-22.91	peak
5	5416.300	56.16	-4.32	51.84	74.00	-22.16	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5240 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



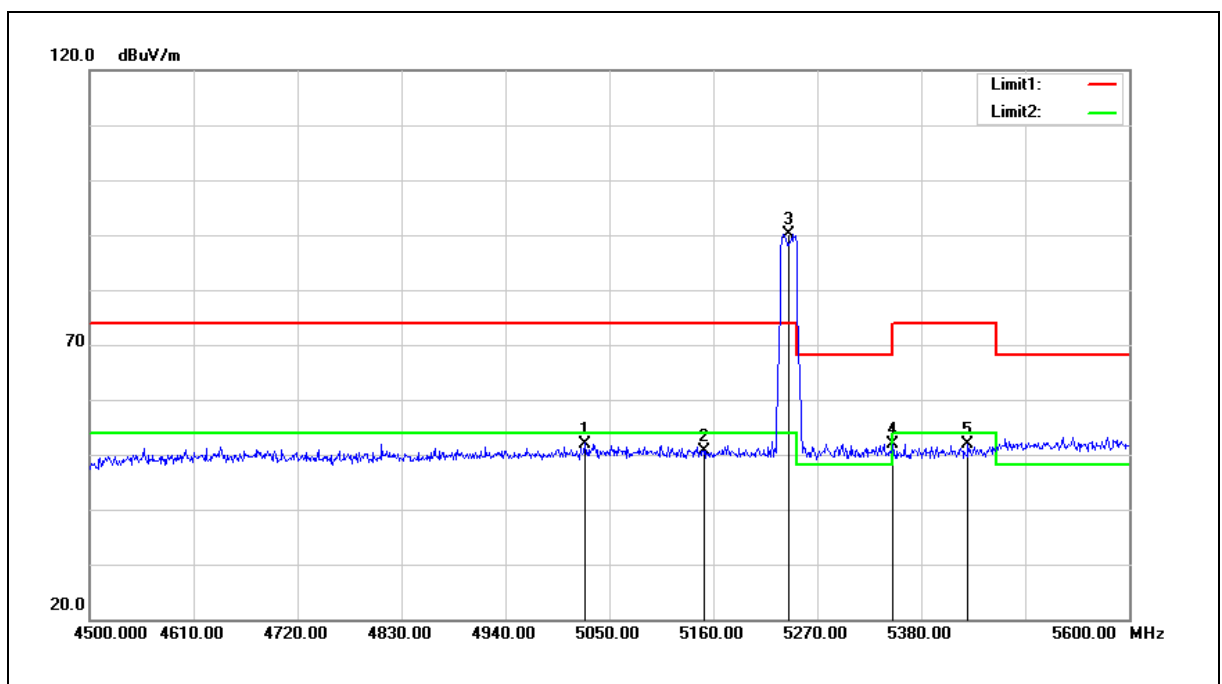
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5052.200	57.00	-5.11	51.89	74.00	-22.11	peak
2	5150.000	55.61	-4.95	50.66	74.00	-23.34	peak
3	5240.000	105.81	-4.76	101.05	---	---	peak
4	5350.000	55.96	-4.47	51.49	74.00	-22.51	peak
5	5386.600	56.15	-4.38	51.77	74.00	-22.23	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5240 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



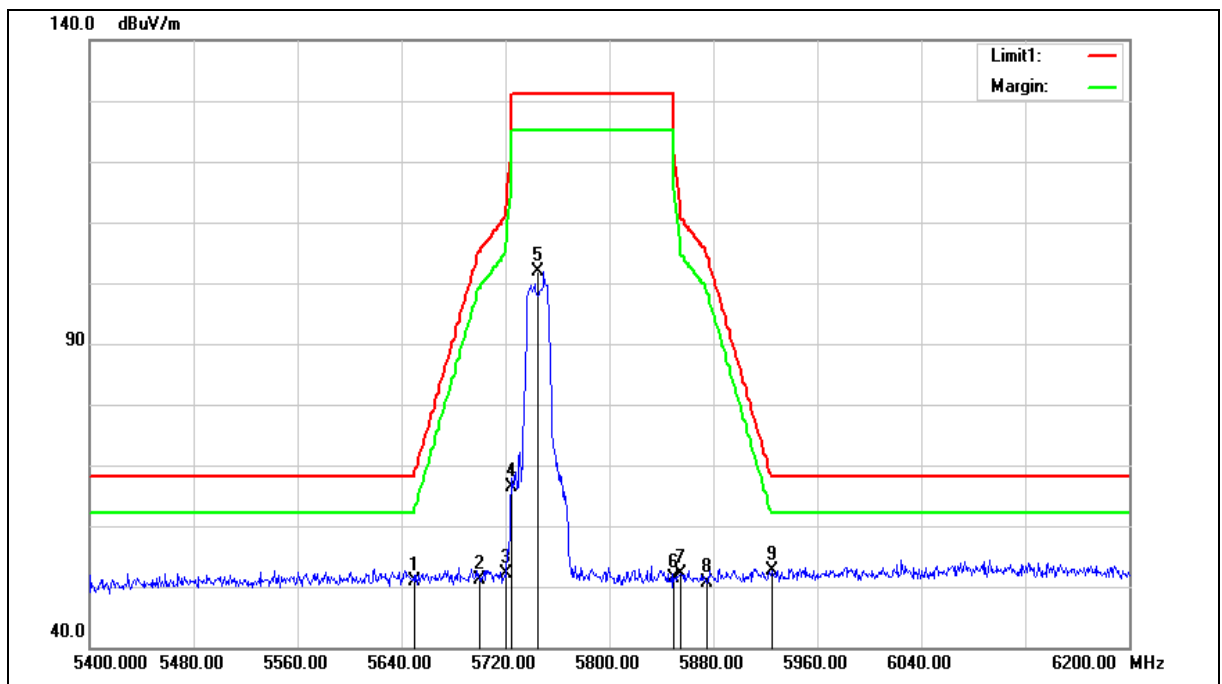
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5024.700	57.16	-5.16	52.00	74.00	-22.00	peak
2	5150.000	55.54	-4.95	50.59	74.00	-23.41	peak
3	5240.000	94.92	-4.76	90.16	---	---	peak
4	5350.000	56.23	-4.47	51.76	74.00	-22.24	peak
5	5429.500	56.18	-4.30	51.88	74.00	-22.12	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5745 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

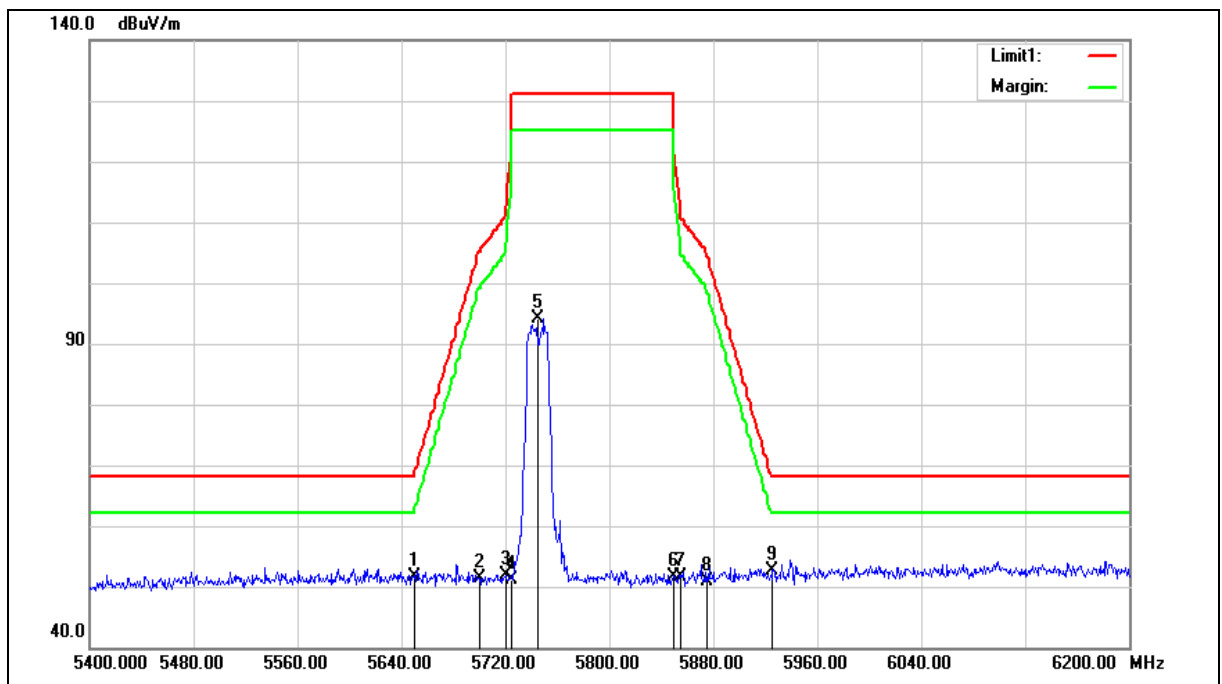
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	54.83	-3.87	50.96	68.20	-17.24	peak
2	5700.000	54.76	-3.74	51.02	105.20	-54.18	peak
3	5720.000	55.93	-3.70	52.23	110.80	-58.57	peak
4	5725.000	69.94	-3.68	66.26	122.20	-55.94	peak
5	5745.000	105.48	-3.63	101.85	---	---	peak
6	5850.000	54.68	-3.35	51.33	122.20	-70.87	peak
7	5855.000	55.39	-3.34	52.05	110.80	-58.75	peak
8	5875.000	53.96	-3.28	50.68	105.20	-54.52	peak
9	5925.000	55.72	-3.15	52.57	68.20	-15.63	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		

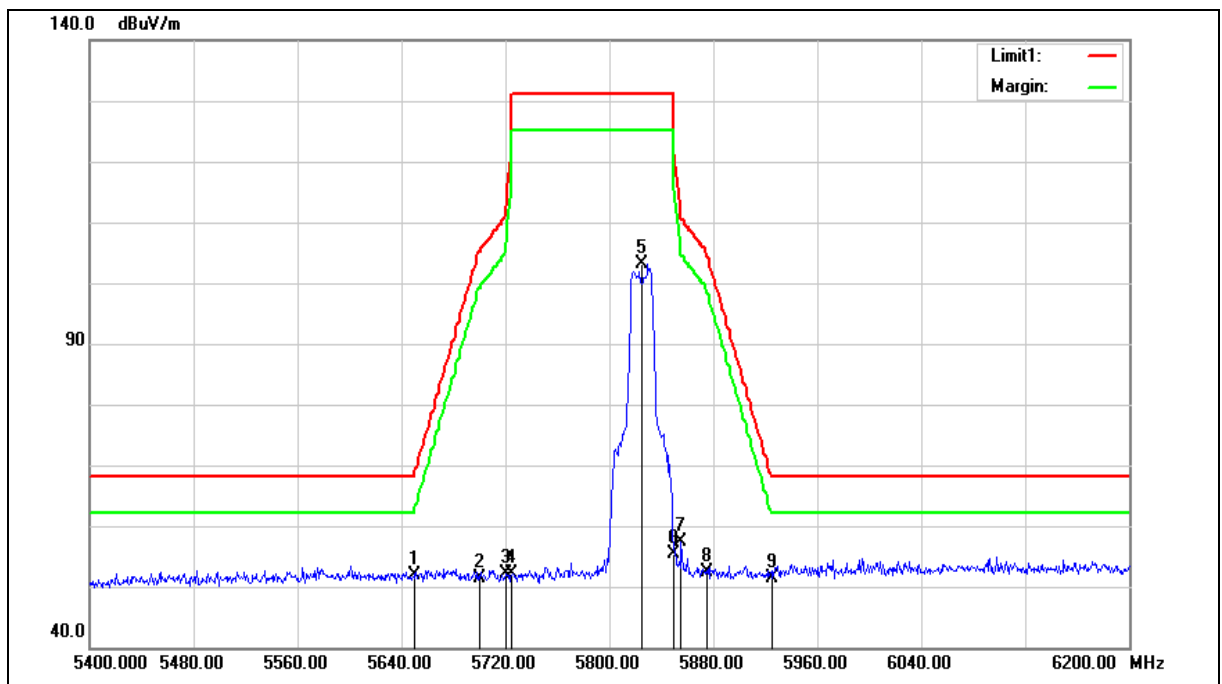
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.40	-3.87	51.53	68.20	-16.67	peak
2	5700.000	55.09	-3.74	51.35	105.20	-53.85	peak
3	5720.000	55.60	-3.70	51.90	110.80	-58.90	peak
4	5725.000	54.90	-3.68	51.22	122.20	-70.98	peak
5	5745.000	97.64	-3.63	94.01	---	---	peak
6	5850.000	54.89	-3.35	51.54	122.20	-70.66	peak
7	5855.000	54.91	-3.34	51.57	110.80	-59.23	peak
8	5875.000	54.26	-3.28	50.98	105.20	-54.22	peak
9	5925.000	55.69	-3.15	52.54	68.20	-15.66	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

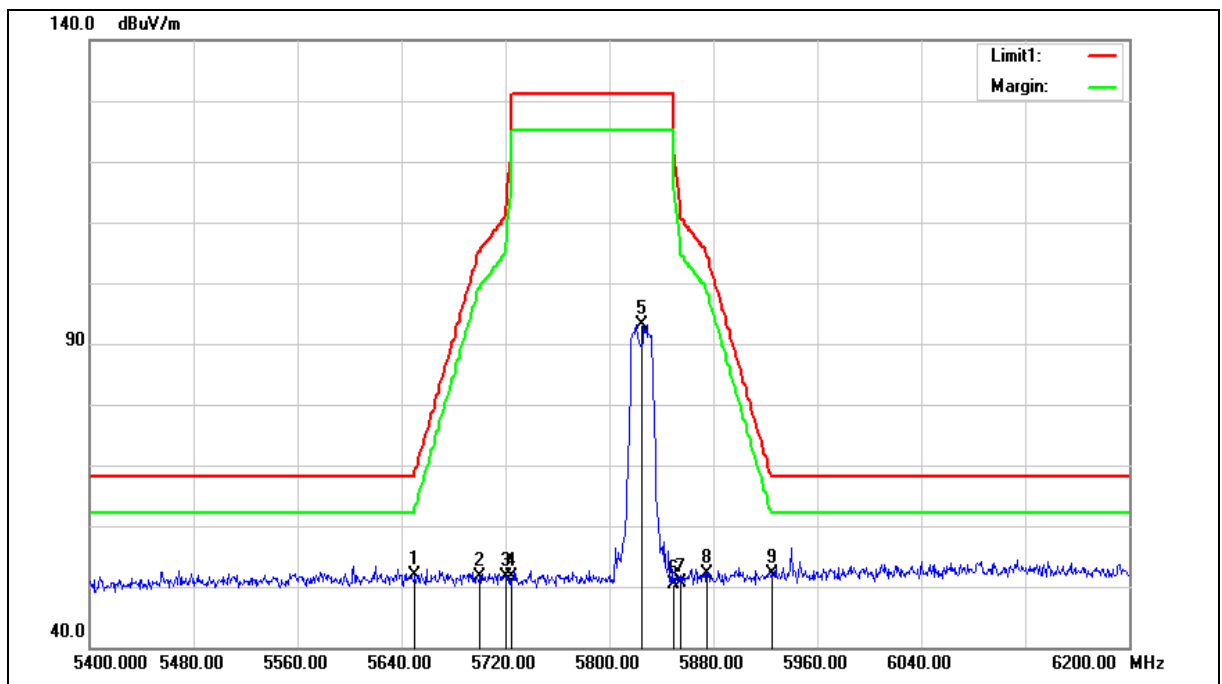
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.70	-3.87	51.83	68.20	-16.37	peak
2	5700.000	55.22	-3.74	51.48	105.20	-53.72	peak
3	5720.000	55.82	-3.70	52.12	110.80	-58.68	peak
4	5725.000	55.78	-3.68	52.10	122.20	-70.10	peak
5	5825.000	106.60	-3.42	103.18	---	---	peak
6	5850.000	58.68	-3.35	55.33	122.20	-66.87	peak
7	5855.000	60.76	-3.34	57.42	110.80	-53.38	peak
8	5875.000	55.55	-3.28	52.27	105.20	-52.93	peak
9	5925.000	54.58	-3.15	51.43	68.20	-16.77	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		

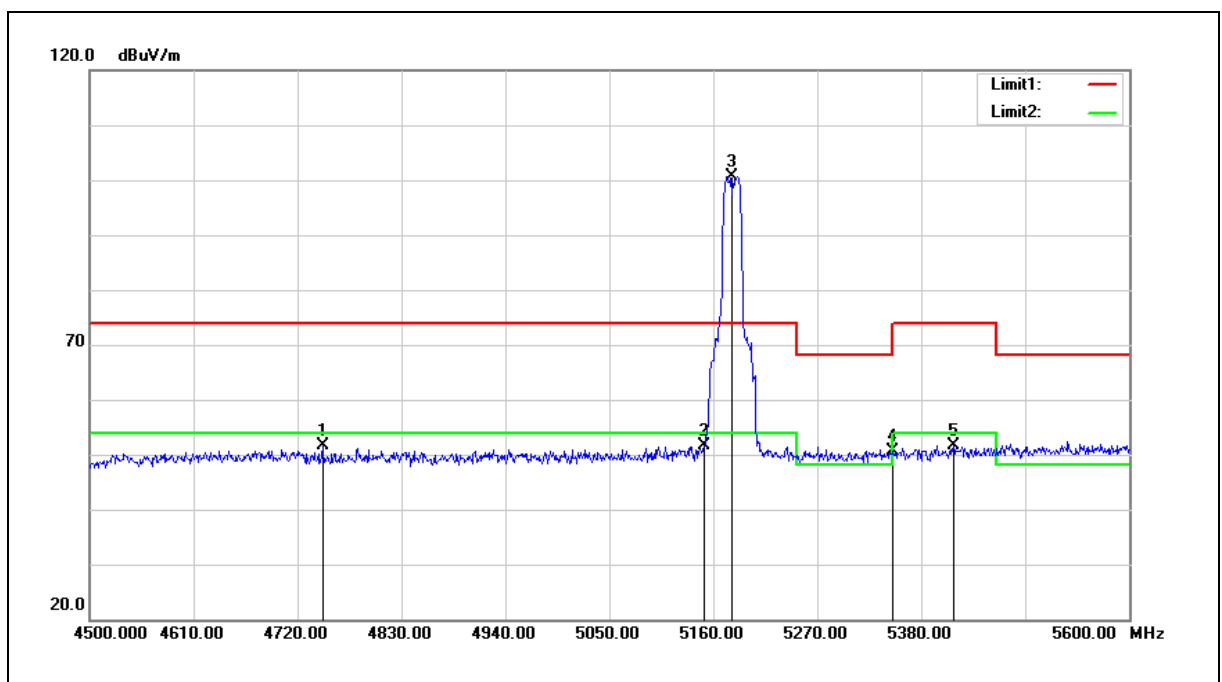
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.68	-3.87	51.81	68.20	-16.39	peak
2	5700.000	55.35	-3.74	51.61	105.20	-53.59	peak
3	5720.000	55.43	-3.70	51.73	110.80	-59.07	peak
4	5725.000	55.23	-3.68	51.55	122.20	-70.65	peak
5	5825.000	96.61	-3.42	93.19	---	---	peak
6	5850.000	53.78	-3.35	50.43	122.20	-71.77	peak
7	5855.000	54.08	-3.34	50.74	110.80	-60.06	peak
8	5875.000	55.47	-3.28	52.19	105.20	-53.01	peak
9	5925.000	55.18	-3.15	52.03	68.20	-16.17	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



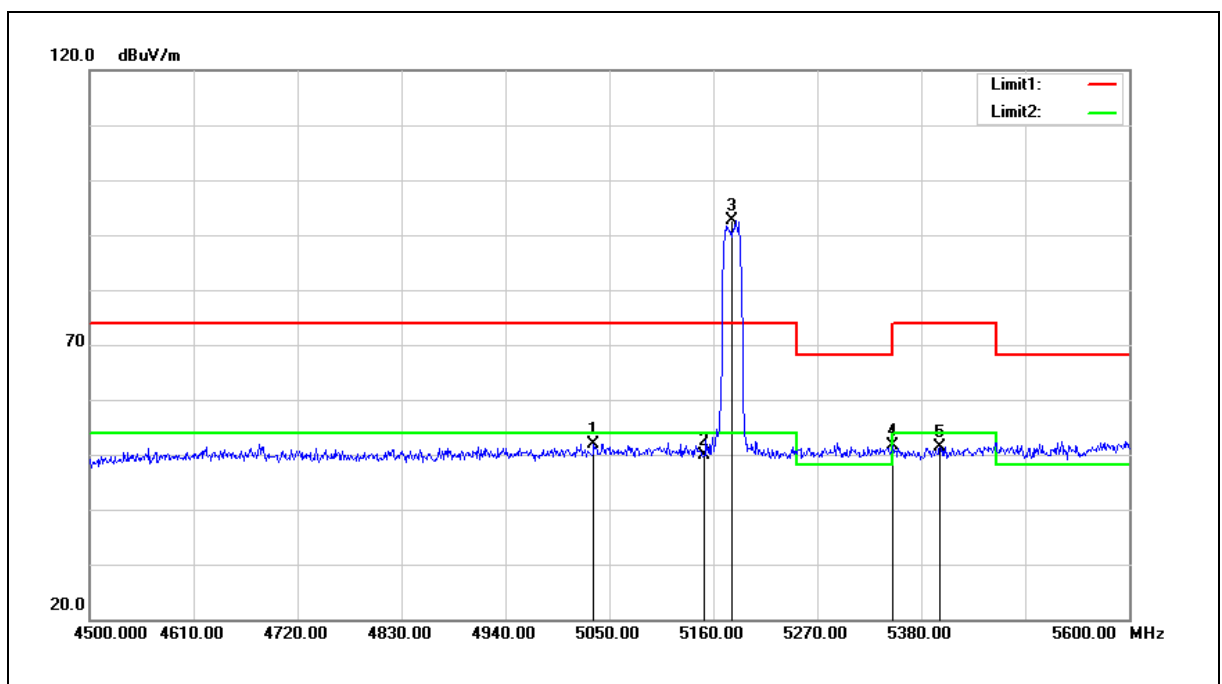
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4746.400	56.61	-5.04	51.57	74.00	-22.43	peak
2	5150.000	56.63	-4.95	51.68	74.00	-22.32	peak
3	5180.000	105.42	-4.89	100.53	---	---	peak
4	5350.000	55.01	-4.47	50.54	74.00	-23.46	peak
5	5414.100	55.97	-4.32	51.65	74.00	-22.35	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5180 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



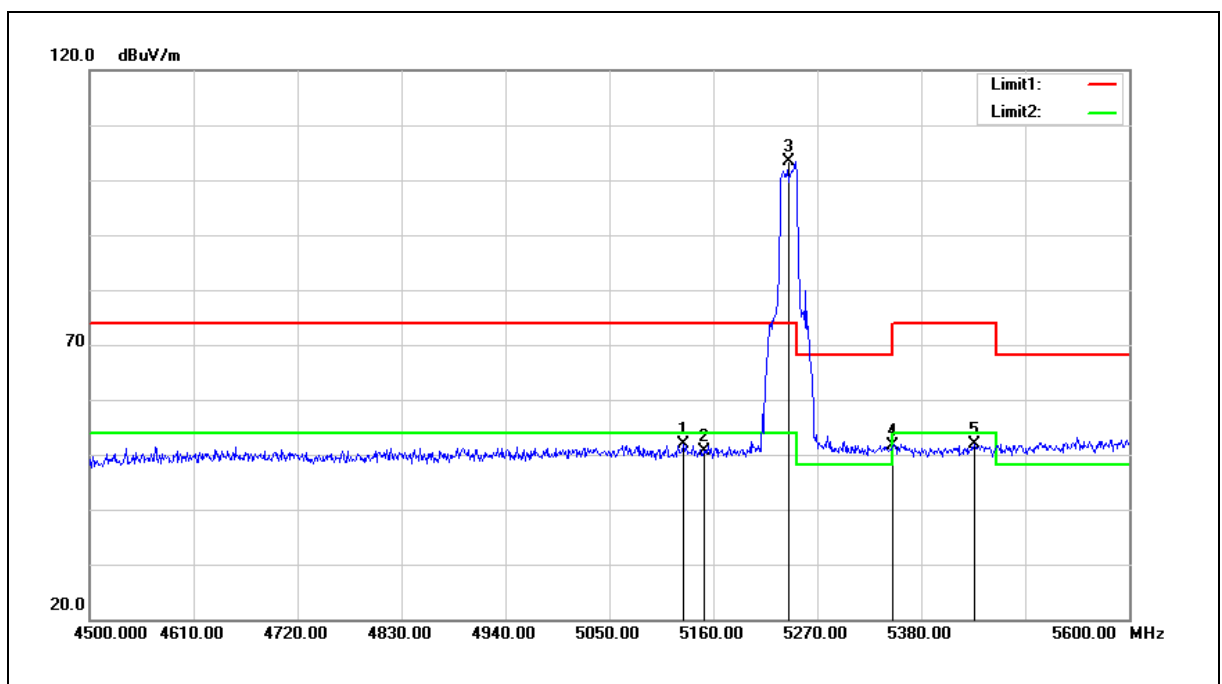
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5033.500	57.09	-5.14	51.95	74.00	-22.05	peak
2	5150.000	54.82	-4.95	49.87	74.00	-24.13	peak
3	5180.000	97.41	-4.89	92.52	---	---	peak
4	5350.000	56.20	-4.47	51.73	74.00	-22.27	peak
5	5399.800	55.82	-4.34	51.48	74.00	-22.52	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5240 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



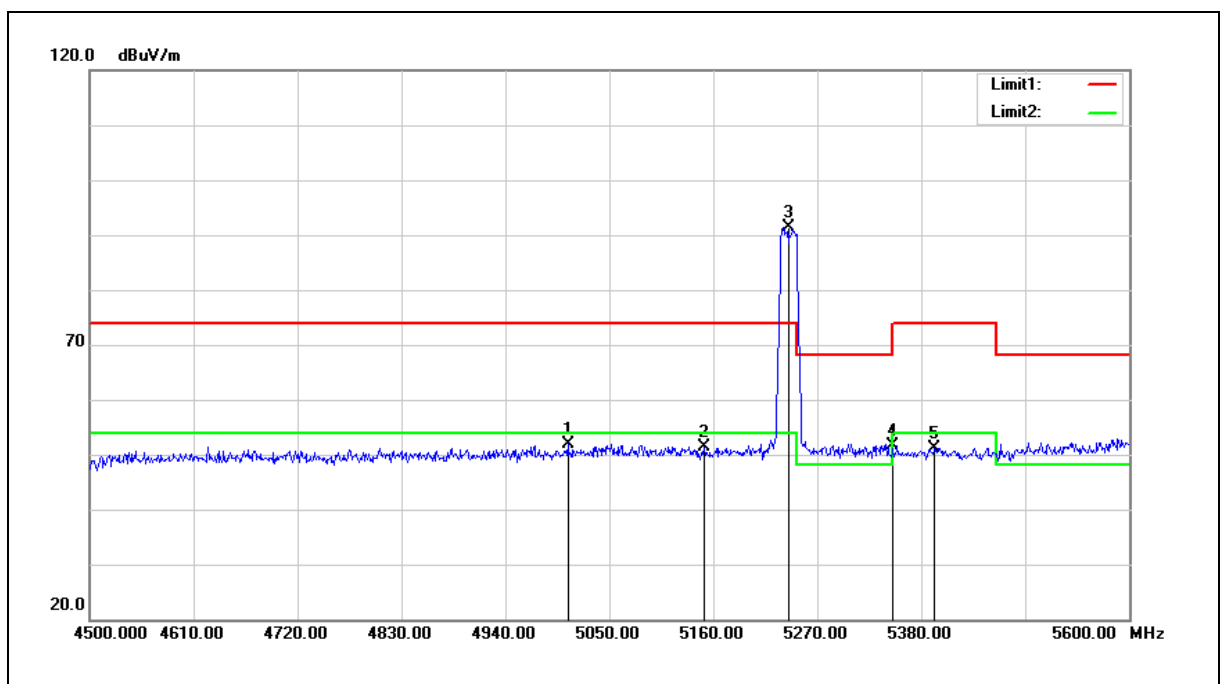
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5128.100	56.77	-4.98	51.79	74.00	-22.21	peak
2	5150.000	55.46	-4.95	50.51	74.00	-23.49	peak
3	5240.000	108.08	-4.76	103.32	---	---	peak
4	5350.000	56.19	-4.47	51.72	74.00	-22.28	peak
5	5436.100	56.24	-4.30	51.94	74.00	-22.06	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5240 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



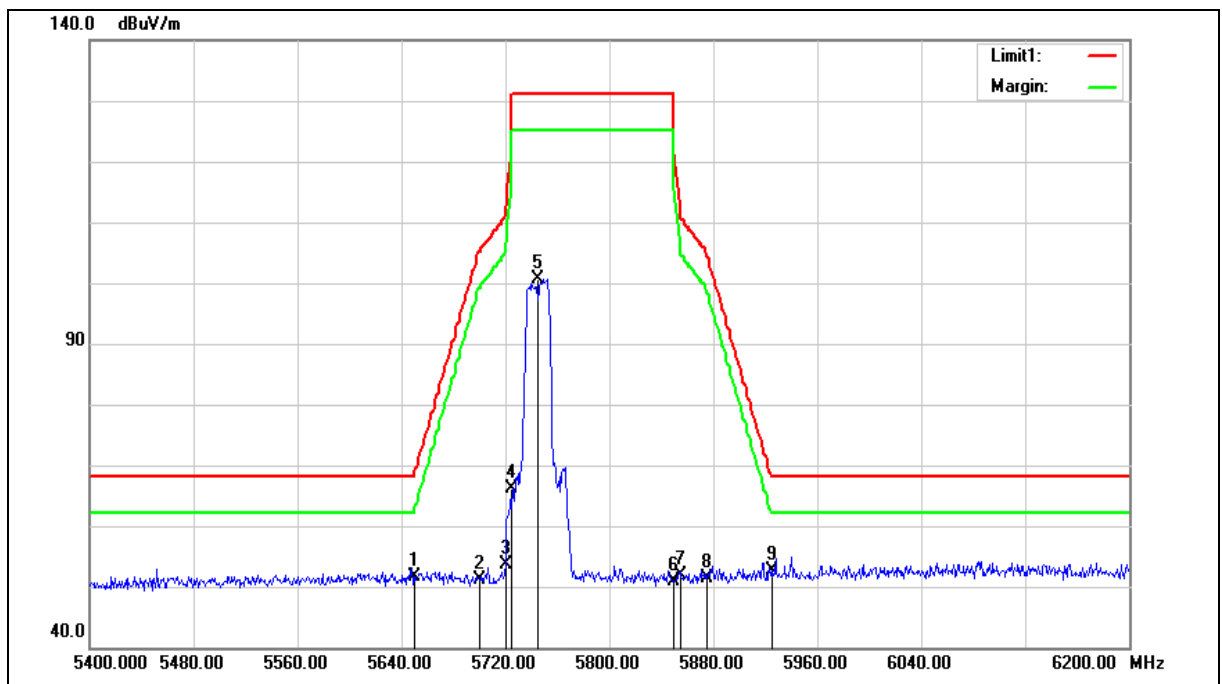
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5006.000	57.04	-5.19	51.85	74.00	-22.15	peak
2	5150.000	56.28	-4.95	51.33	74.00	-22.67	peak
3	5240.000	96.11	-4.76	91.35	---	---	peak
4	5350.000	56.19	-4.47	51.72	74.00	-22.28	peak
5	5394.300	55.57	-4.35	51.22	74.00	-22.78	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		

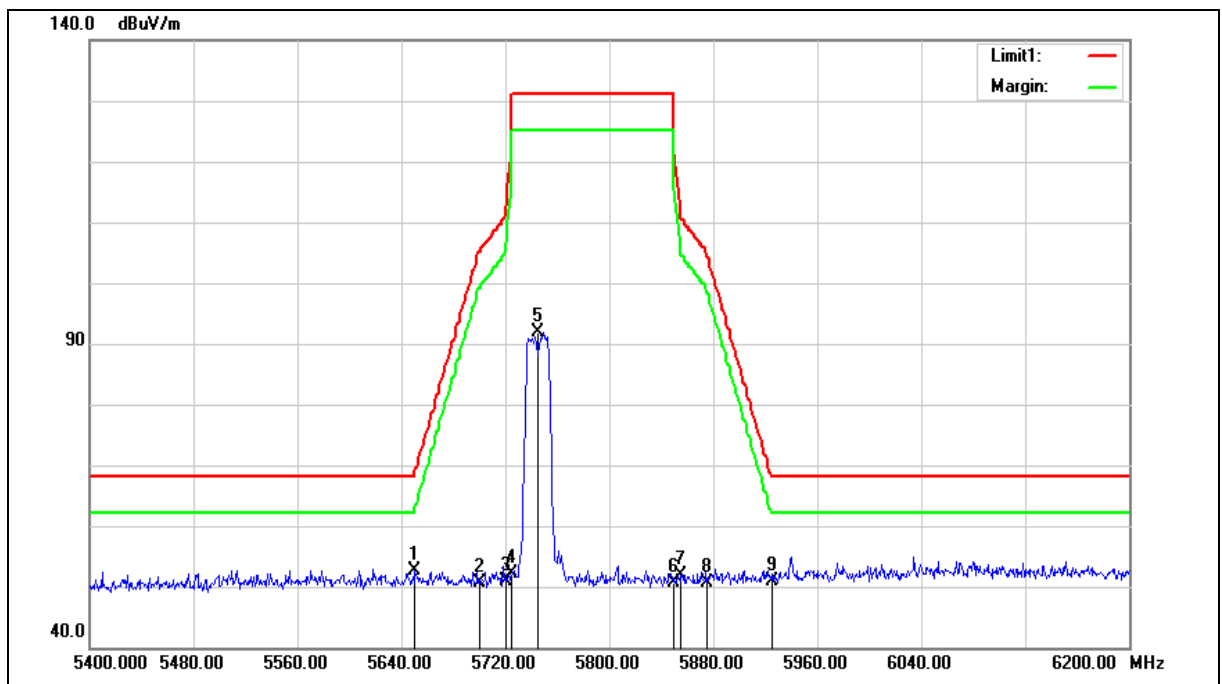
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.50	-3.87	51.63	68.20	-16.57	peak
2	5700.000	54.97	-3.74	51.23	105.20	-53.97	peak
3	5720.000	57.42	-3.70	53.72	110.80	-57.08	peak
4	5725.000	69.74	-3.68	66.06	122.20	-56.14	peak
5	5745.000	104.28	-3.63	100.65	---	---	peak
6	5850.000	54.33	-3.35	50.98	122.20	-71.22	peak
7	5855.000	55.18	-3.34	51.84	110.80	-58.96	peak
8	5875.000	54.69	-3.28	51.41	105.20	-53.79	peak
9	5925.000	55.70	-3.15	52.55	68.20	-15.65	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		

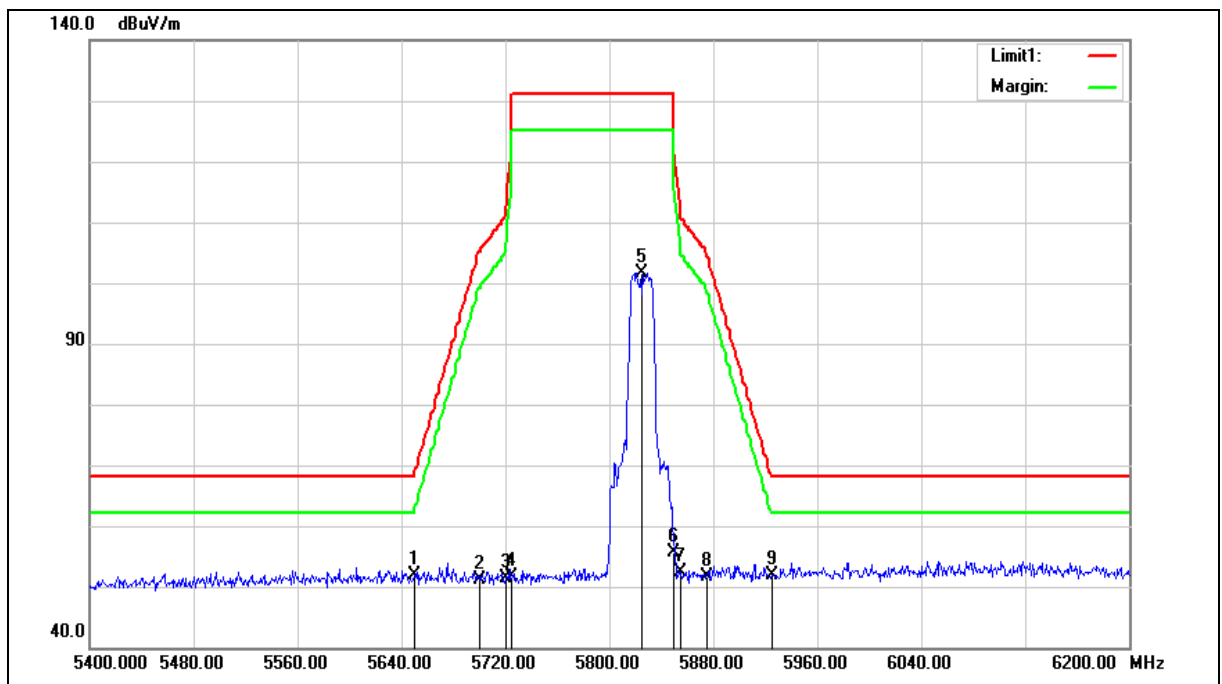
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	56.51	-3.87	52.64	68.20	-15.56	peak
2	5700.000	54.38	-3.74	50.64	105.20	-54.56	peak
3	5720.000	54.46	-3.70	50.76	110.80	-60.04	peak
4	5725.000	55.75	-3.68	52.07	122.20	-70.13	peak
5	5745.000	95.47	-3.63	91.84	---	---	peak
6	5850.000	53.98	-3.35	50.63	122.20	-71.57	peak
7	5855.000	55.10	-3.34	51.76	110.80	-59.04	peak
8	5875.000	53.91	-3.28	50.63	105.20	-54.57	peak
9	5925.000	54.11	-3.15	50.96	68.20	-17.24	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		

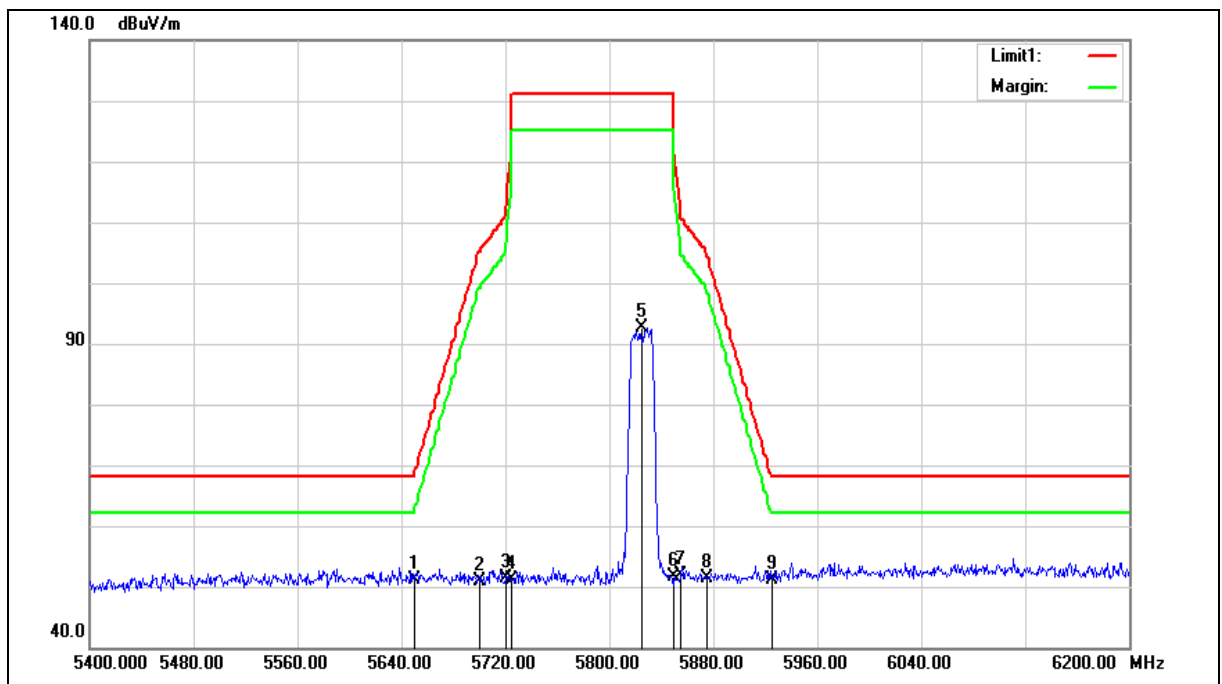
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.85	-3.87	51.98	68.20	-16.22	peak
2	5700.000	54.90	-3.74	51.16	105.20	-54.04	peak
3	5720.000	55.19	-3.70	51.49	110.80	-59.31	peak
4	5725.000	55.33	-3.68	51.65	122.20	-70.55	peak
5	5825.000	105.07	-3.42	101.65	---	---	peak
6	5850.000	58.90	-3.35	55.55	122.20	-66.65	peak
7	5855.000	55.72	-3.34	52.38	110.80	-58.42	peak
8	5875.000	55.03	-3.28	51.75	105.20	-53.45	peak
9	5925.000	55.02	-3.15	51.87	68.20	-16.33	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		

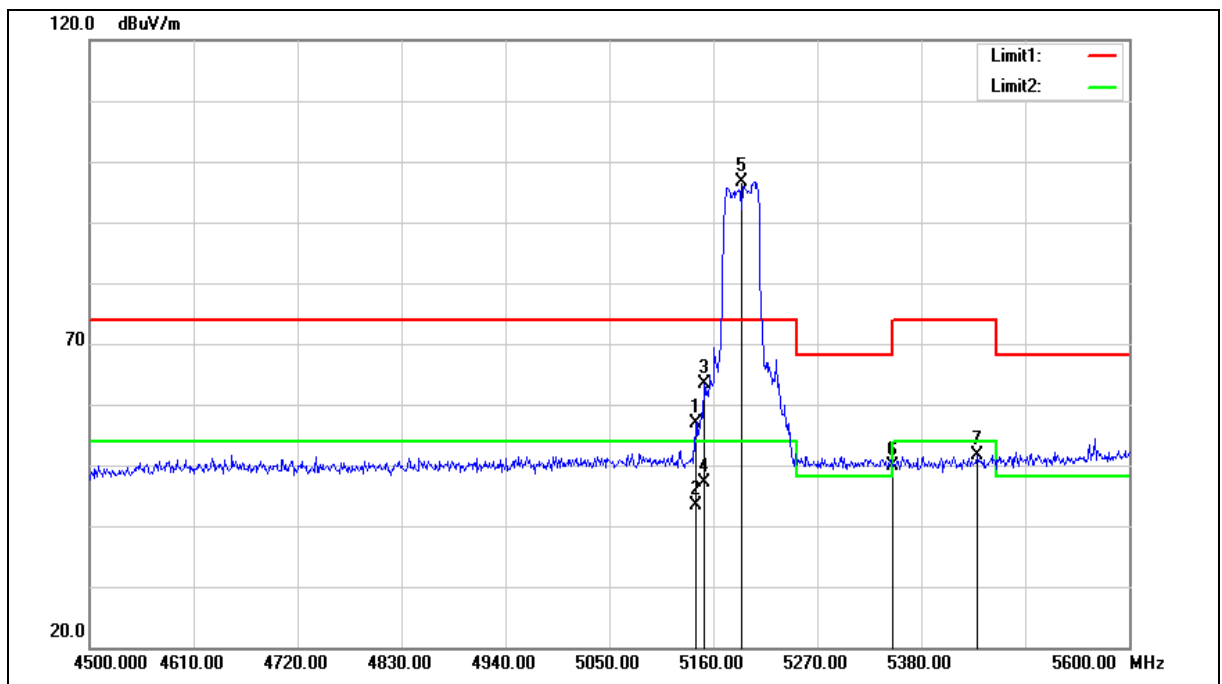
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.11	-3.87	51.24	68.20	-16.96	peak
2	5700.000	54.63	-3.74	50.89	105.20	-54.31	peak
3	5720.000	55.01	-3.70	51.31	110.80	-59.49	peak
4	5725.000	54.72	-3.68	51.04	122.20	-71.16	peak
5	5825.000	96.12	-3.42	92.70	---	---	peak
6	5850.000	54.94	-3.35	51.59	122.20	-70.61	peak
7	5855.000	55.32	-3.34	51.98	110.80	-58.82	peak
8	5875.000	54.61	-3.28	51.33	105.20	-53.87	peak
9	5925.000	54.28	-3.15	51.13	68.20	-17.07	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5190 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5190 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Horizontal		

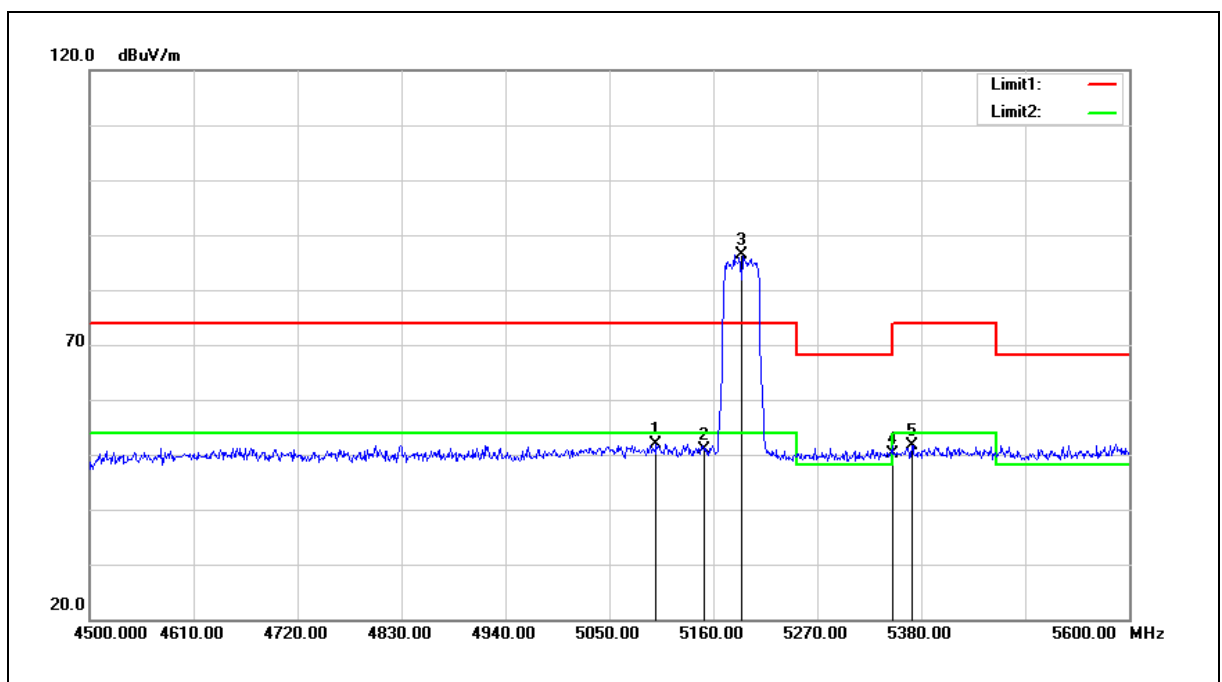
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5141.300	61.93	-4.96	56.97	74.00	-17.03	peak
2	5141.300	48.22	-4.96	43.26	54.00	-10.74	AVG
3	5150.000	68.36	-4.95	63.41	74.00	-10.59	peak
4	5150.000	52.07	-4.95	47.12	54.00	-6.88	AVG
5	5190.000	101.61	-4.88	96.73	---	---	peak
6	5350.000	54.26	-4.47	49.79	74.00	-24.21	peak
7	5439.400	55.99	-4.30	51.69	74.00	-22.31	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5190 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Vertical		



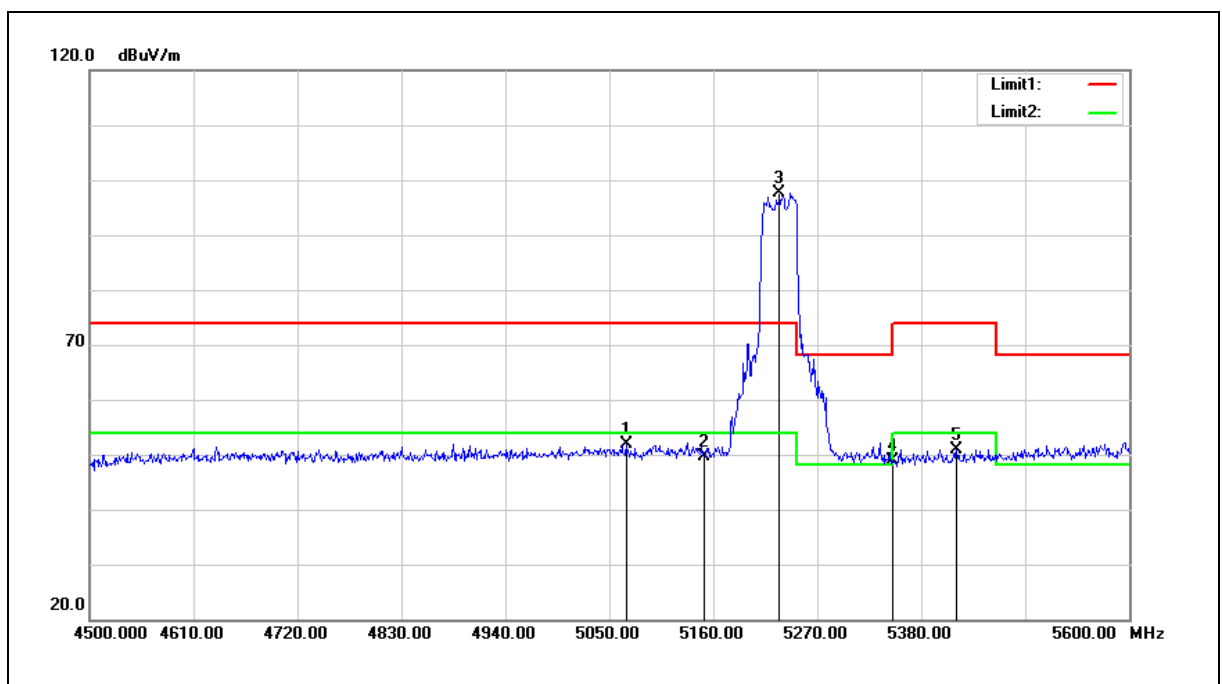
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5099.500	56.96	-5.03	51.93	74.00	-22.07	peak
2	5150.000	55.90	-4.95	50.95	74.00	-23.05	peak
3	5190.000	91.22	-4.88	86.34	---	---	peak
4	5350.000	54.48	-4.47	50.01	74.00	-23.99	peak
5	5370.100	56.11	-4.42	51.69	74.00	-22.31	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



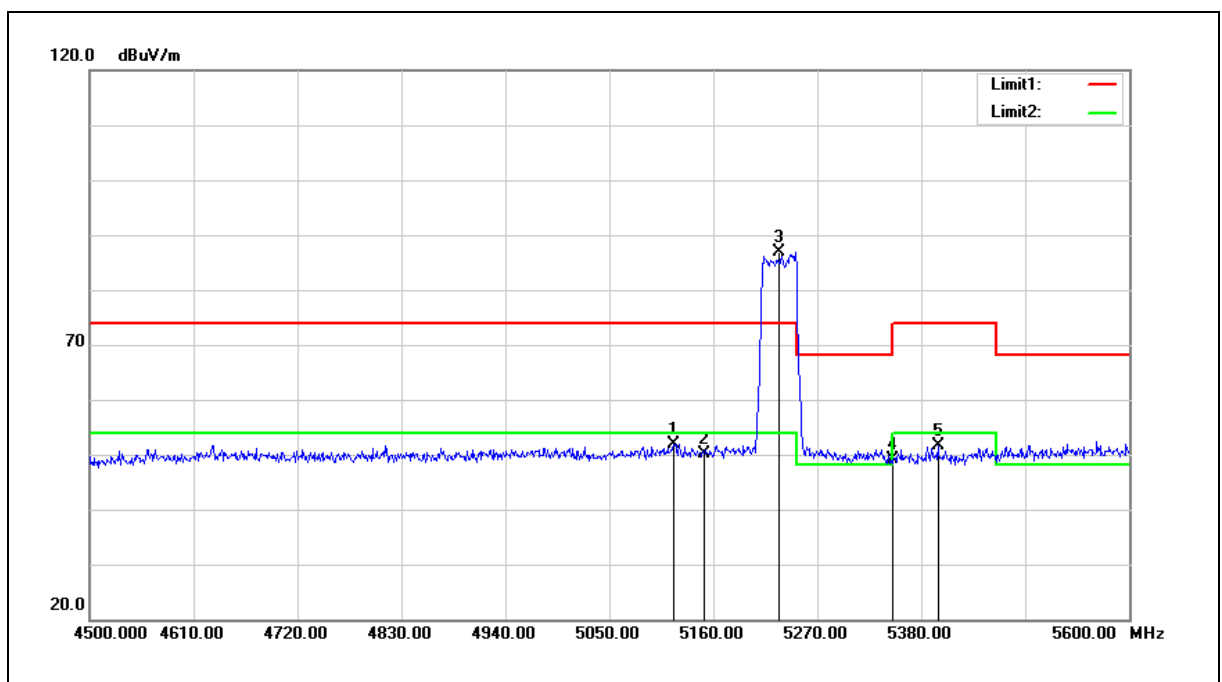
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5067.600	57.01	-5.09	51.92	74.00	-22.08	peak
2	5150.000	54.69	-4.95	49.74	74.00	-24.26	peak
3	5230.000	102.40	-4.78	97.62	---	---	peak
4	5350.000	53.40	-4.47	48.93	74.00	-25.07	peak
5	5417.400	55.31	-4.32	50.99	74.00	-23.01	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Vertical		



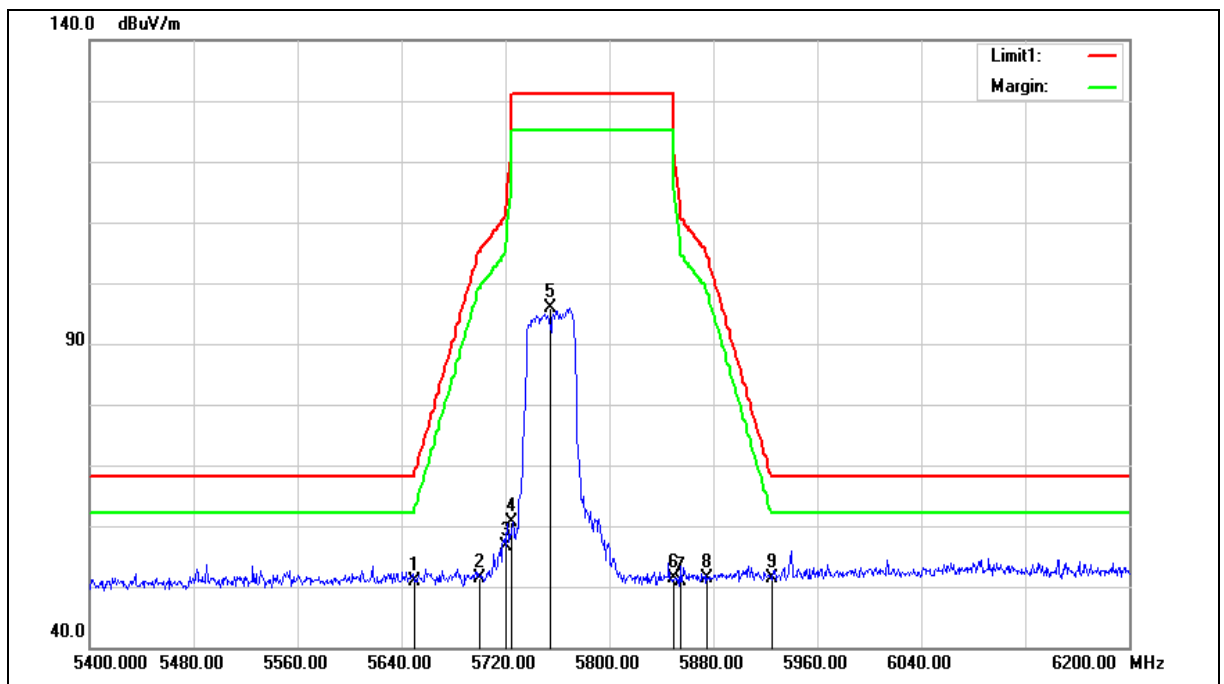
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5118.200	56.93	-5.00	51.93	74.00	-22.07	peak
2	5150.000	54.97	-4.95	50.02	74.00	-23.98	peak
3	5230.000	91.56	-4.78	86.78	---	---	peak
4	5350.000	53.55	-4.47	49.08	74.00	-24.92	peak
5	5397.600	55.97	-4.34	51.63	74.00	-22.37	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5755 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5755 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Horizontal		

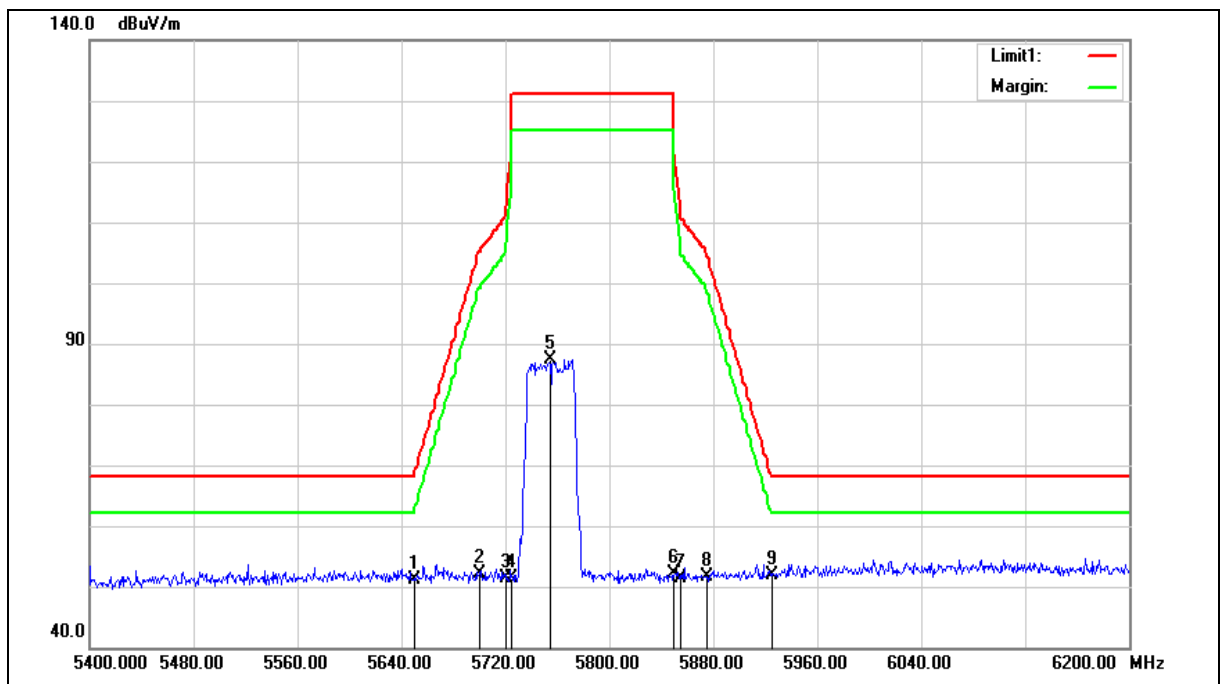
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	54.78	-3.87	50.91	68.20	-17.29	peak
2	5700.000	55.24	-3.74	51.50	105.20	-53.70	peak
3	5720.000	60.29	-3.70	56.59	110.80	-54.21	peak
4	5725.000	64.28	-3.68	60.60	122.20	-61.60	peak
5	5755.000	99.53	-3.60	95.93	---	---	peak
6	5850.000	54.65	-3.35	51.30	122.20	-70.90	peak
7	5855.000	54.28	-3.34	50.94	110.80	-59.86	peak
8	5875.000	54.68	-3.28	51.40	105.20	-53.80	peak
9	5925.000	54.60	-3.15	51.45	68.20	-16.75	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5755 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5755 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Vertical		

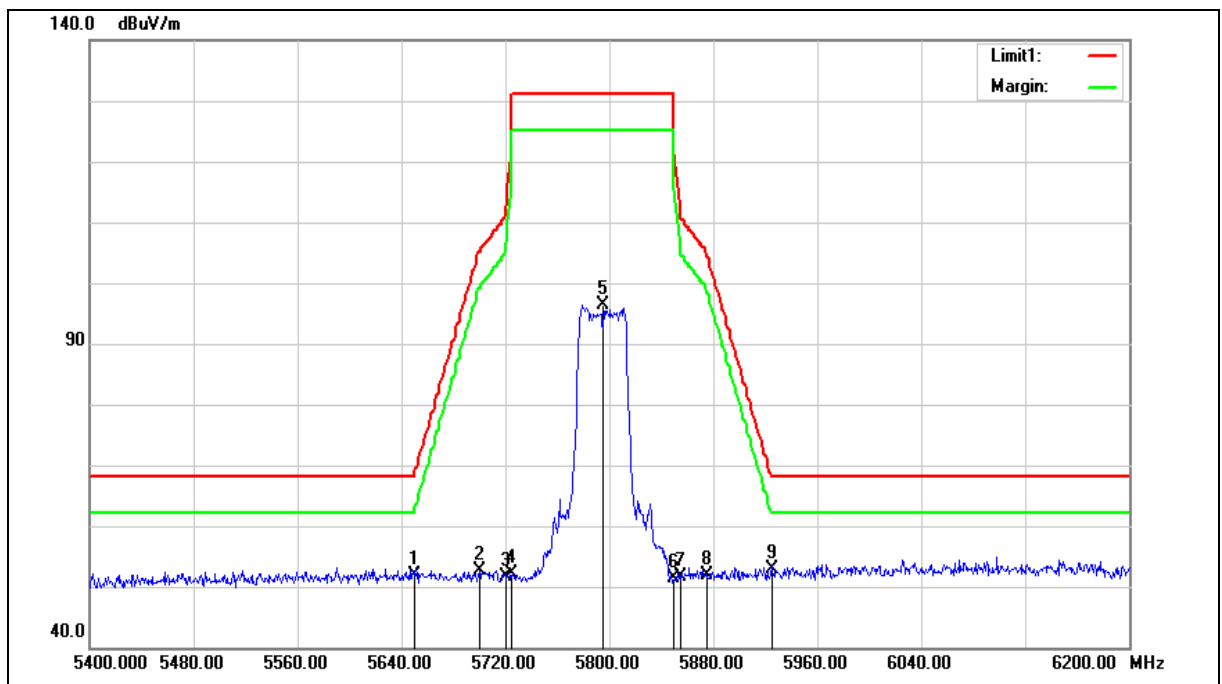
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	54.97	-3.87	51.10	68.20	-17.10	peak
2	5700.000	55.76	-3.74	52.02	105.20	-53.18	peak
3	5720.000	55.05	-3.70	51.35	110.80	-59.45	peak
4	5725.000	55.03	-3.68	51.35	122.20	-70.85	peak
5	5755.000	91.06	-3.60	87.46	---	---	peak
6	5850.000	55.38	-3.35	52.03	122.20	-70.17	peak
7	5855.000	54.66	-3.34	51.32	110.80	-59.48	peak
8	5875.000	54.90	-3.28	51.62	105.20	-53.58	peak
9	5925.000	55.00	-3.15	51.85	68.20	-16.35	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5795 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5795 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Horizontal		

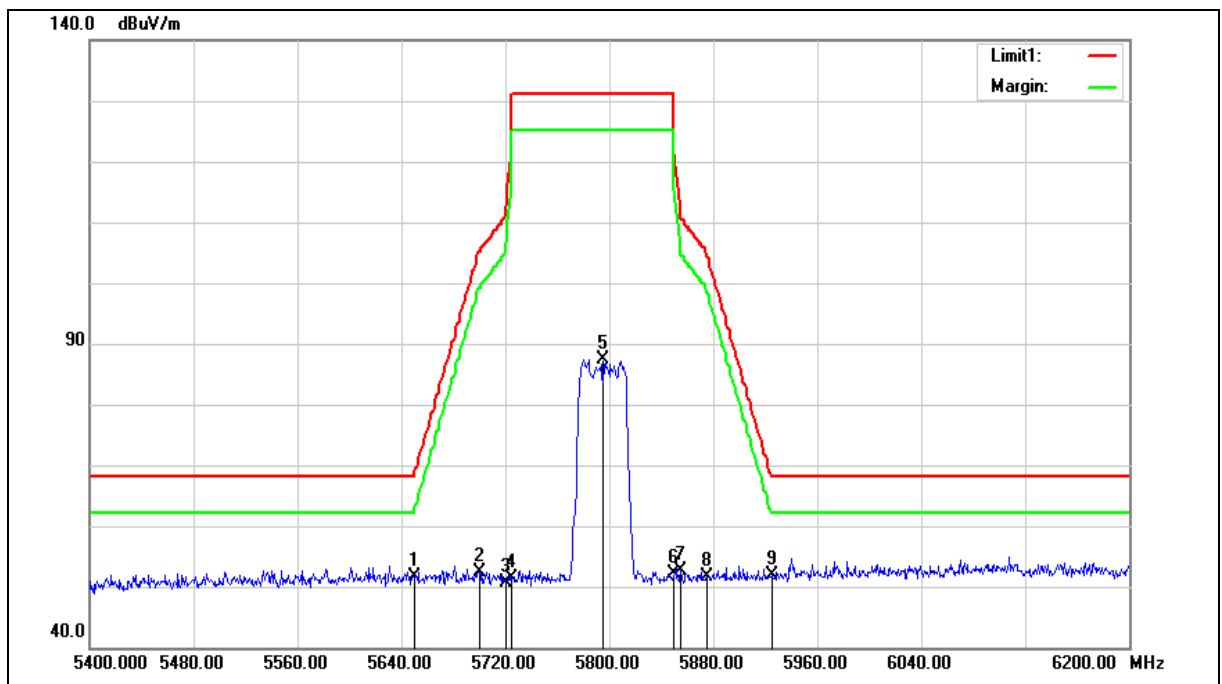
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.81	-3.87	51.94	68.20	-16.26	peak
2	5700.000	56.38	-3.74	52.64	105.20	-52.56	peak
3	5720.000	55.37	-3.70	51.67	110.80	-59.13	peak
4	5725.000	55.73	-3.68	52.05	122.20	-70.15	peak
5	5795.000	99.77	-3.50	96.27	---	---	peak
6	5850.000	54.64	-3.35	51.29	122.20	-70.91	peak
7	5855.000	55.01	-3.34	51.67	110.80	-59.13	peak
8	5875.000	55.11	-3.28	51.83	105.20	-53.37	peak
9	5925.000	56.15	-3.15	53.00	68.20	-15.20	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5795 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5795 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 8		
Ant.Polar.:	Vertical		

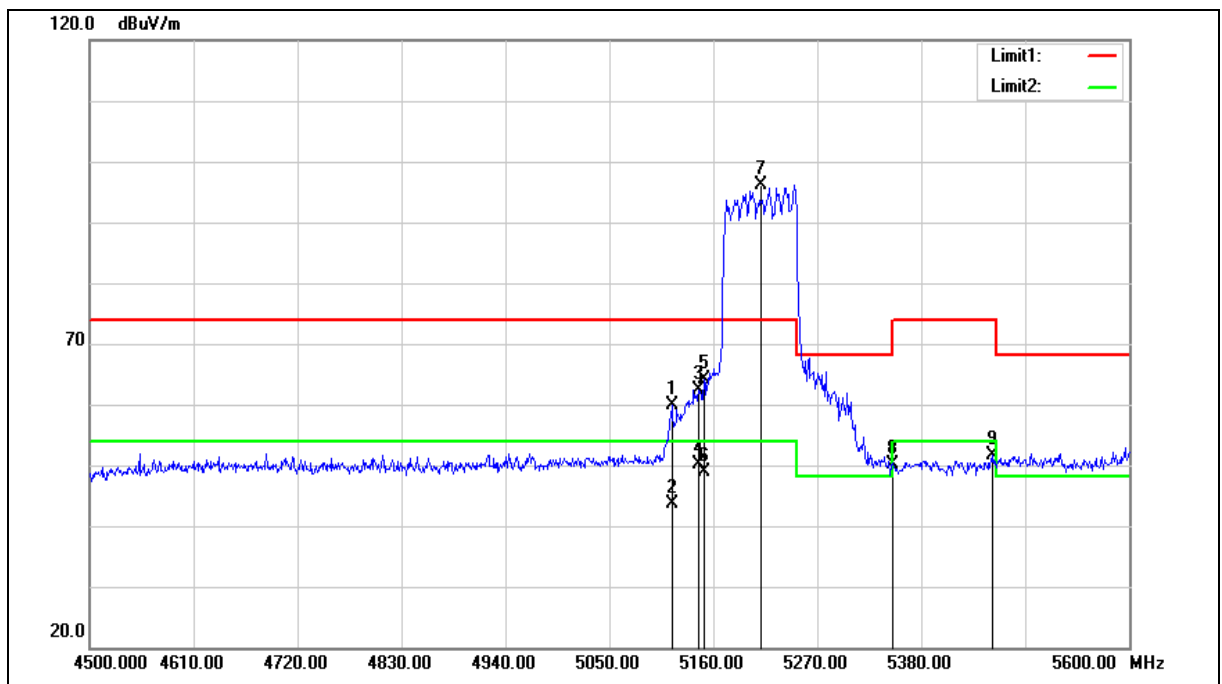
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.45	-3.87	51.58	68.20	-16.62	peak
2	5700.000	56.15	-3.74	52.41	105.20	-52.79	peak
3	5720.000	54.33	-3.70	50.63	110.80	-60.17	peak
4	5725.000	54.95	-3.68	51.27	122.20	-70.93	peak
5	5795.000	90.91	-3.50	87.41	---	---	peak
6	5850.000	55.40	-3.35	52.05	122.20	-70.15	peak
7	5855.000	56.08	-3.34	52.74	110.80	-58.06	peak
8	5875.000	54.95	-3.28	51.67	105.20	-53.53	peak
9	5925.000	54.92	-3.15	51.77	68.20	-16.43	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

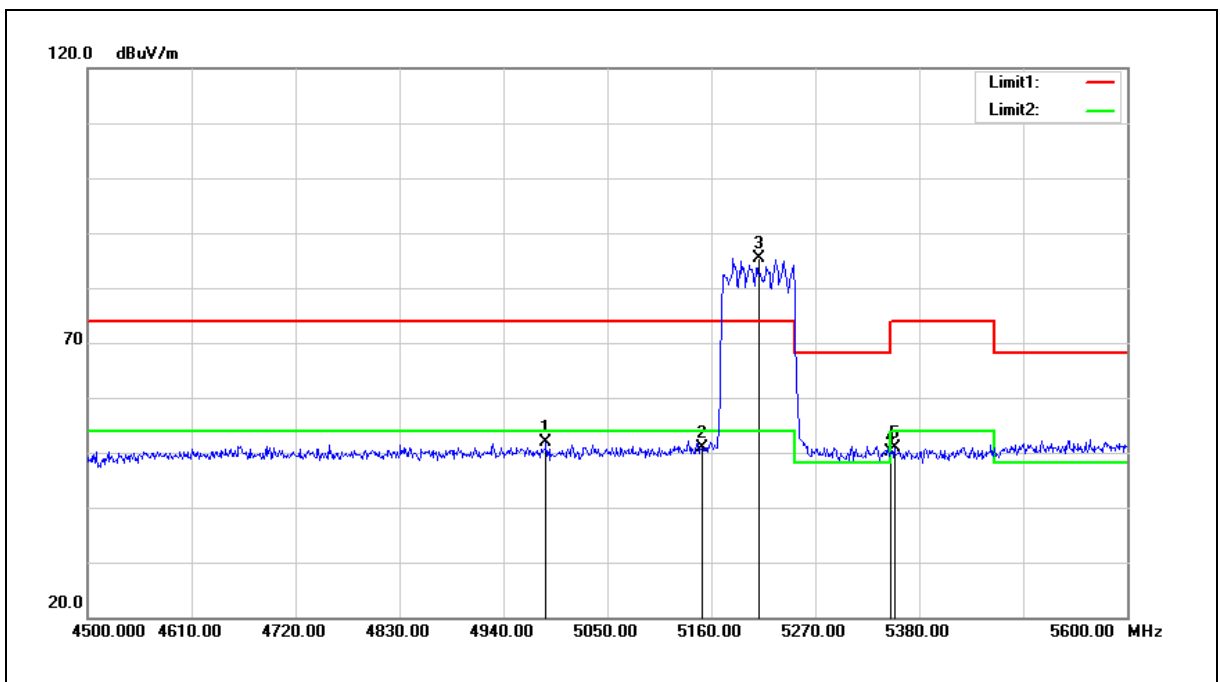
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5116.000	64.80	-5.00	59.80	74.00	-14.20	peak
2	5116.000	48.55	-5.00	43.55	54.00	-10.45	AVG
3	5144.600	67.38	-4.95	62.43	74.00	-11.57	peak
4	5144.600	55.13	-4.95	50.18	54.00	-3.82	AVG
5	5150.000	69.18	-4.95	64.23	74.00	-9.77	peak
6	5150.000	53.88	-4.95	48.93	54.00	-5.07	AVG
7	5210.000	100.85	-4.83	96.02	---	---	peak
8	5350.000	54.58	-4.47	50.11	74.00	-23.89	peak
9	5455.900	55.93	-4.28	51.65	74.00	-22.35	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Vertical		



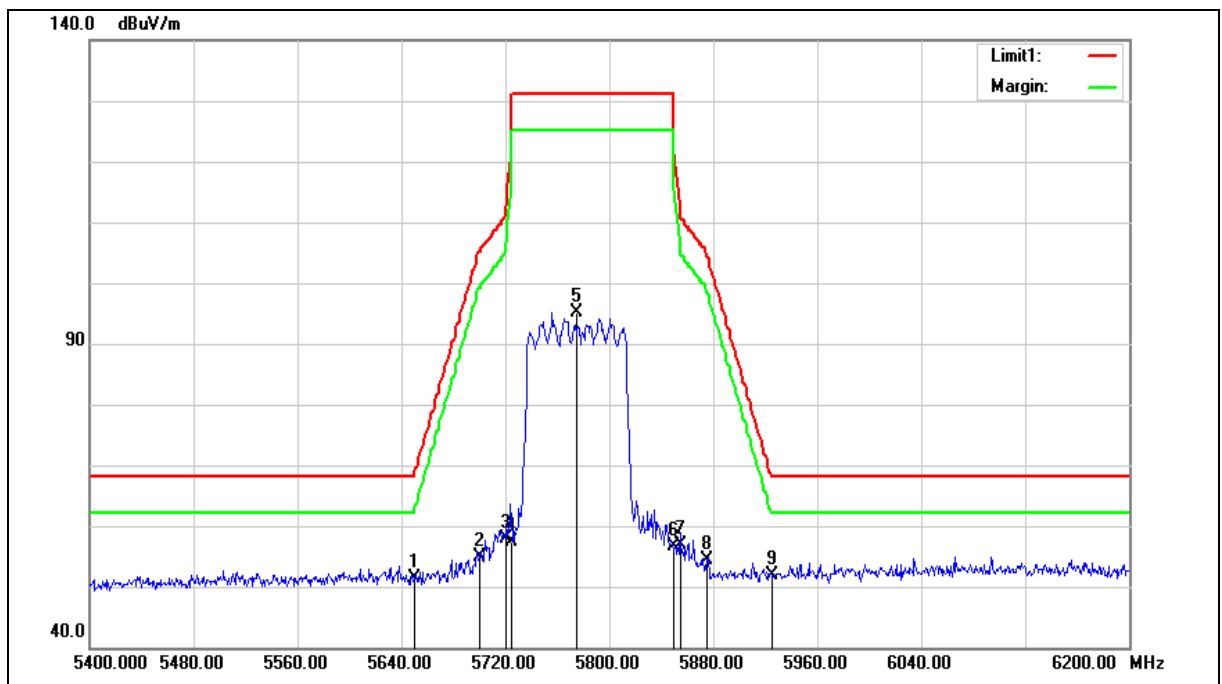
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4985.100	57.16	-5.19	51.97	74.00	-22.03	peak
2	5150.000	55.84	-4.95	50.89	74.00	-23.11	peak
3	5210.000	90.16	-4.83	85.33	---	---	peak
4	5350.000	54.53	-4.47	50.06	74.00	-23.94	peak
5	5353.600	55.42	-4.46	50.96	74.00	-23.04	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5775 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5775 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

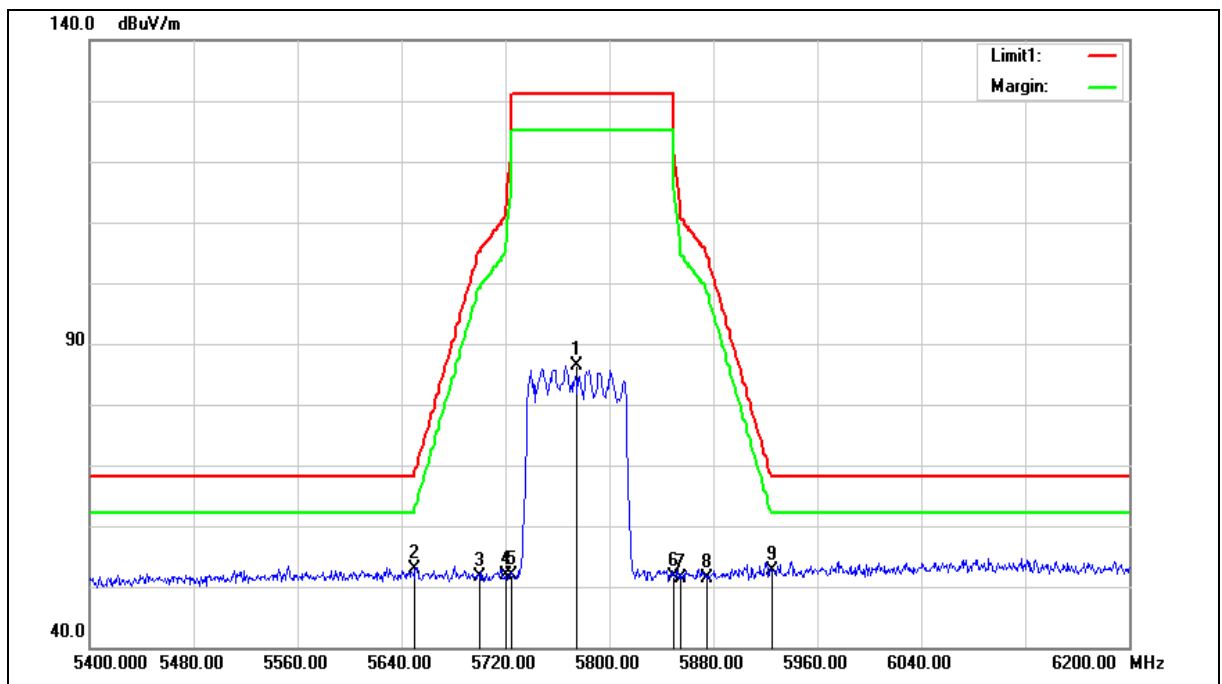
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.23	-3.87	51.36	68.20	-16.84	peak
2	5700.000	58.66	-3.74	54.92	105.20	-50.28	peak
3	5720.000	61.58	-3.70	57.88	110.80	-52.92	peak
4	5725.000	61.06	-3.68	57.38	122.20	-64.82	peak
5	5775.000	98.74	-3.55	95.19	---	---	peak
6	5850.000	59.98	-3.35	56.63	122.20	-65.57	peak
7	5855.000	60.26	-3.34	56.92	110.80	-53.88	peak
8	5875.000	57.75	-3.28	54.47	105.20	-50.73	peak
9	5925.000	55.11	-3.15	51.96	68.20	-16.24	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5775 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5775 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5775.000	89.86	-3.55	86.31	---	---	peak
2	5650.000	56.63	-3.87	52.76	68.20	-15.44	peak
3	5700.000	55.48	-3.74	51.74	105.20	-53.46	peak
4	5720.000	55.50	-3.70	51.80	110.80	-59.00	peak
5	5725.000	55.48	-3.68	51.80	122.20	-70.40	peak
6	5850.000	54.93	-3.35	51.58	122.20	-70.62	peak
7	5855.000	54.83	-3.34	51.49	110.80	-59.31	peak
8	5875.000	54.71	-3.28	51.43	105.20	-53.77	peak
9	5925.000	55.76	-3.15	52.61	68.20	-15.59	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.

4.3.2 最大傳導輸出功率

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之 4.7.3 節之要求:

1. 5.15-5.25 GHz 頻帶

(1) 供戶外操作使用:

- 最大傳導輸出功率不能超過 1 W。
- 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。
- 在水平面仰角超過 30 度時，其最大 EIRP 不能超過 21dBm。

(2) 供室內操作使用:

- 最大傳導輸出功率不能超過 1 W。
- 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(3) 供固定式點對點操作使用:

- 最大傳導輸出功率不能超過 1 W。
- 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 使用超過 23dBi 方向增益之指向性天線時，應依超過 23dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。
- 固定式點對點操作，不包括點對多點系統、全方向性應用及多台共站發射機傳送相同資訊。

(4) 供行動或可攜式裝置操作使用:

- 最大傳導輸出功率不能超過 250 mW。
- 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 11dBm。
- 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

2. 5.25-5.35 GHz 與 5.470-5.725GHz 頻帶

- (1) 最大傳導輸出功率不能超過 250 mW 或 $11 \text{ dBm} + 10 \log B$ (B 是 26 dB 發射頻寬，單位 MHz)之較小者。
- (2) 最大功率頻譜密度在任何 1 MHz 頻帶中不能超過 11 dBm。
- (3) 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

3. 5.725-5.850 GHz 頻帶

- (1) 最大傳導輸出功率不能超過 1 W。
- (2) 在任何 500 kHz 頻帶中最大功率頻譜密度不能超過 30 dBm。
- (3) 供固定式點對點操作時，使用方向增益超過 6 dBi 之發射天線，可不需對應減少發射器之傳導輸出功率限制值。
- (4) 除(3)外，使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

4. 最大傳導輸出功率必須使用依據均方根等效電壓校準之儀器量測於任何連續傳輸之時段，量測結果須依儀器限制（如偵測器反應時間、相較於發射頻寬有限之解析頻寬能力，靈敏度等）調整得出正確之峰值量測，以符合本段落所提之發射定義。

IEEE 802.11a

Band I :

- * Directional Gain = Max. Gain = 4.95 dBi < 6dBi

Band III :

- * Directional Gain = Max. Gain = 4.72 dBi < 6dBi

IEEE 802.11n 5 GHz 20 / IEEE 802.11n 5 GHz 40 / IEEE 802.11ac 80

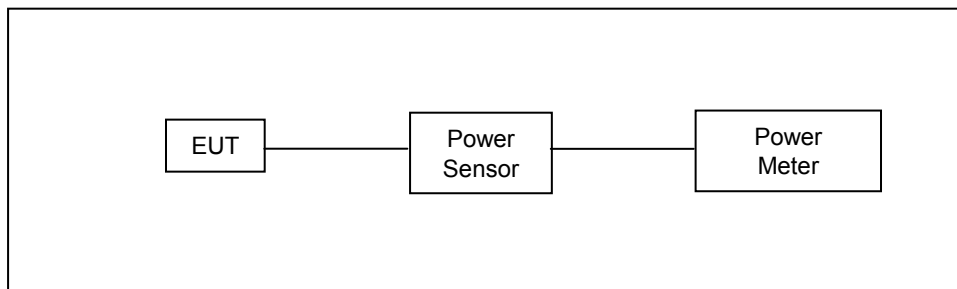
Band I :

- * Directional Gain = $10 \cdot \log\{[10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20}]^2 / NANT\} = 7.96 \text{ dBi} > 6\text{dBi}$
- * Power Limit = 11 - 1.96 = 9.04 dBm

Band III :

- * Directional Gain = $10 \cdot \log\{[10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20}]^2 / NANT\} = 7.73 \text{ dBi} > 6\text{dBi}$
- * Power Limit = 30 - 1.73 = 28.27 dBm

測試架構圖：



測試結果:

操作模式：Mode 6 / Mode 7 / Mode 8 / Mode 9										
測試結果：合格										
操作模式	頻道 CH	頻率 MHz	Data Rate (Mbps)	最大傳導輸出功率						
				量測值						限制值
				ANT-0		ANT-1		ANT-0+1		
				dBm	W	dBm	W	dBm	W	
Mode 6	36	5180.0	6	12.64	0.018	12.17	0.016	---	---	≤ 24.00
	40	5200.0		11.99	0.016	11.89	0.015	---	---	≤ 24.00
	44	5220.0		12.15	0.016	11.78	0.015	---	---	≤ 24.00
	48	5240.0		12.20	0.017	11.96	0.016	---	---	≤ 24.00
	149	5745.0		12.33	0.017	11.83	0.015	---	---	≤ 30.00
	153	5765.0		12.27	0.017	12.00	0.016	---	---	≤ 30.00
	157	5785.0		12.22	0.017	12.01	0.016	---	---	≤ 30.00
	161	5805.0		11.78	0.015	11.68	0.015	---	---	≤ 30.00
	165	5825.0		11.50	0.014	11.26	0.013	---	---	≤ 30.00
Mode 7	36	5180.0	13	12.14	0.016	11.82	0.015	14.99	0.032	≤ 22.04
	40	5200.0		12.06	0.016	11.84	0.015	14.96	0.031	≤ 22.04
	44	5220.0		12.18	0.017	11.92	0.016	15.06	0.032	≤ 22.04
	48	5240.0		12.04	0.016	12.03	0.016	15.05	0.032	≤ 22.04
	149	5745.0		11.26	0.013	10.42	0.011	13.87	0.024	≤ 28.27
	153	5765.0		11.09	0.013	10.54	0.011	13.83	0.024	≤ 28.27
	157	5785.0		10.97	0.013	10.75	0.012	13.87	0.024	≤ 28.27
	161	5805.0		10.61	0.012	10.42	0.011	13.53	0.023	≤ 28.27
	165	5825.0		10.34	0.011	10.20	0.010	13.28	0.021	≤ 28.27
Mode 8	38	5190.0	27	9.81	0.010	9.17	0.008	12.51	0.018	≤ 22.04
	46	5230.0		10.04	0.010	9.92	0.010	12.99	0.020	≤ 22.04
	151	5755.0		8.94	0.008	8.29	0.007	11.64	0.015	≤ 28.27
	159	5795.0		8.75	0.007	8.20	0.007	11.49	0.014	≤ 28.27
Mode 9	42	5210.0	58.6	9.46	0.009	8.40	0.007	11.97	0.016	≤ 22.04
	155	5775.0		9.31	0.009	8.13	0.007	11.77	0.015	≤ 28.27

4.3.3 最大功率頻譜密度

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之 4.7.3 節之要求:

1. 5.15-5.25 GHz 頻帶

(1) 供戶外操作使用:

- 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。
- 在水平面仰角超過 30 度時，其最大 EIRP 不能超過 21 dBm。

(2) 供室內操作使用:

- 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

(3) 供固定式點對點操作使用:

- 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 17 dBm。
- 使用超過 23 dBi 方向增益之指向性天線時，應依超過 23 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。
- 固定式點對點操作，不包括點對多點系統、全方向性應用及多台共站發射機傳送相同資訊。

(4) 供行動或可攜式裝置操作使用:

- 在任何 1 MHz 頻帶中最大功率頻譜密度不能超過 11 dBm。
- 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

2. 5.25-5.35 GHz 與 5.470-5.725 GHz 頻帶

(1) 最大功率頻譜密度在任何 1 MHz 頻帶中不能超過 11 dBm。

(2) 使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

3. 5.725-5.850 GHz 頻帶

(1) 在任何 500 kHz 頻帶中最大功率頻譜密度不能超過 30 dBm。

(2) 供固定式點對點操作時，使用方向增益超過 6 dBi 之發射天線，可不需對應減少發射器之傳導輸出功率限制值。

(3) 除(2)外，使用超過 6 dBi 方向增益之發射天線時，應依超過 6 dBi 天線方向增益的 dBi 總量，等量減少最大傳導輸出功率及最大功率頻譜密度。

4. 最大功率頻譜密度量測規定:

(1) 應將量測儀器直接連接待測物，以傳導方式執行。

(2) 5.15 GHz~5.25 GHz、5.25 GHz~5.35 GHz 及 5.47 GHz~5.725 GHz 頻帶，量測儀器之頻寬應設定為 1 MHz 頻寬或待測物之 26 dB 發射頻寬，兩者取較小者。

(3) 5.725 GHz~5.850 GHz 頻帶，量測器之頻寬應設定為 500 kHz 或待測物之 26 dB 發射頻寬，兩者取較小者。

(4) 解析頻寬小於(2)或(3)時，應以補償方式計算總功率頻譜密度。

IEEE 802.11a

Band I :

* Directional Gain = Max. Gain = 4.95 dBi < 6dBi

Band III :

* Directional Gain = Max. Gain = 4.72 dBi < 6dBi

IEEE 802.11n 5 GHz 20 / IEEE 802.11n 5 GHz 40 / IEEE 802.11ac 80

Band I :

* Directional Gain = $10 \cdot \log\{[10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(Gn/20)}]^2 / NANT\} = 7.96 \text{ dBi} > 6\text{dBi}$

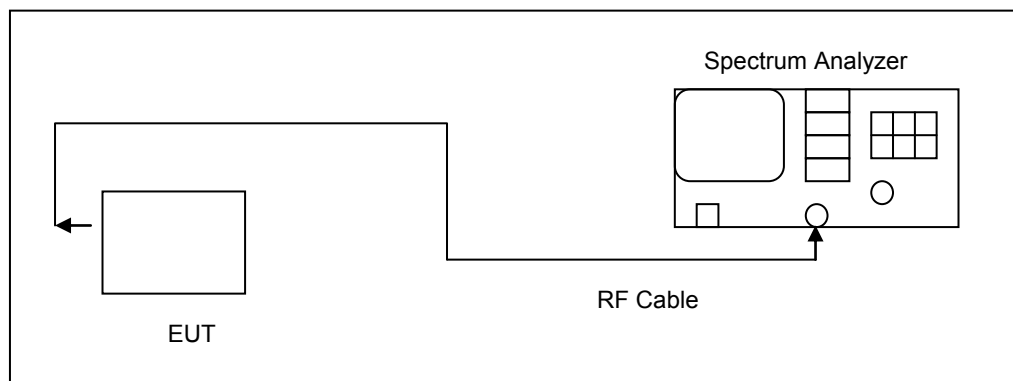
* Power Limit = 11 - 1.96 = 9.04 dBm

Band III :

* Directional Gain = $10 \cdot \log\{[10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(Gn/20)}]^2 / NANT\} = 7.73 \text{ dBi} > 6\text{dBi}$

* Power Limit = 30 - 1.73 = 28.27 dBm

測試架構圖：



測試結果:

操作模式	: Mode 6 / Mode 7 / Mode 8 / Mode 9
測試結果	: 合格

ANT-0						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/MHz)	Duty Factor (dB)	轉換值 (dBm/MHz)	限制值 (dBm/MHz)
Mode 6	36	5180.0	-2.533	0.063	-2.470	11
	40	5200.0	-2.430	0.063	-2.367	11
	48	5240.0	-2.759	0.063	-2.696	11

ANT-0						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/100kHz)	Duty Factor (dB)	轉換值 (dBm/500KHz)	限制值 (dBm/500 kHz)
Mode 6	149	5745.0	-9.445	0.063	-2.39	30
	157	5785.0	-9.876	0.063	-2.82	30
	165	5825.0	-10.377	0.063	-3.32	30

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

Conversion ration = 10*Log(500 k/100 k)

操作模式	: Mode 6 / Mode 7 / Mode 8 / Mode 9
測試結果	: 合格

ANT-0						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/MHz)	Duty Factor (dB)	轉換值 (dBm/MHz)	限制值 (dBm/MHz)
Mode 7	36	5180.0	-1.435	0.067	-1.368	9.04
	40	5200.0	-1.109	0.067	-1.042	9.04
	48	5240.0	0.335	0.067	0.402	9.04
ANT-1						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/MHz)	Duty Factor (dB)	轉換值 (dBm/MHz)	限制值 (dBm/MHz)
Mode 7	36	5180.0	-1.813	0.067	-1.746	9.04
	40	5200.0	-1.488	0.067	-1.421	9.04
	48	5240.0	-1.522	0.067	-1.455	9.04
ANT-0+1						
操作模式	頻道 (CH)	頻率 (MHz)	轉換值 (dBm/MHz)		限制值 (dBm/MHz)	
Mode 7	36	5180.0	1.458		9.04	
	40	5200.0	1.783		9.04	
	48	5240.0	2.583		9.04	

ANT-0						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/100kHz)	Duty Factor (dB)	轉換值 (dBm/500KHz)	限制值 (dBm/500 kHz)
Mode 7	149	5745.0	-9.567	0.067	-2.51	28.27
	157	5785.0	-9.721	0.067	-2.66	28.27
	165	5825.0	-10.532	0.067	-3.47	28.27
ANT-1						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/100kHz)	Duty Factor (dB)	轉換值 (dBm/500KHz)	限制值 (dBm/500 kHz)
Mode 7	149	5745.0	-11.275	0.067	-4.22	28.27
	157	5785.0	-12.172	0.067	-5.11	28.27
	165	5825.0	-13.072	0.067	-6.01	28.27
ANT-0+1						
操作模式	頻道 (CH)	頻率 (MHz)	轉換值 (dBm/500KHz)		限制值 (dBm/500 kHz)	
Mode 7	149	5745.0	-0.27		28.27	
	157	5785.0	-0.71		28.27	
	165	5825.0	-1.55		28.27	

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

Conversion ration = 10*Log(500 k/100 k)

操作模式	: Mode 6 / Mode 7 / Mode 8 / Mode 9
測試結果	: 合格

ANT-0						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/MHz)	Duty Factor (dB)	轉換值 (dBm/MHz)	限制值 (dBm/MHz)
Mode 8	38	5190.0	-7.498	0.108	-7.390	9.04
	46	5230.0	-6.773	0.108	-6.665	9.04
ANT-1						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/MHz)	Duty Factor (dB)	轉換值 (dBm/MHz)	限制值 (dBm/MHz)
Mode 8	38	5190.0	-7.580	0.108	-7.472	9.04
	46	5230.0	-7.657	0.108	-7.549	9.04
ANT-0+1						
操作模式	頻道 (CH)	頻率 (MHz)	轉換值 (dBm/MHz)		限制值 (dBm/MHz)	
Mode 8	38	5190.0	-4.420		9.04	
	46	5230.0	-4.074		9.04	

ANT-0						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/100kHz)	Duty Factor (dB)	轉換值 (dBm/500KHz)	限制值 (dBm/500 kHz)
Mode 8	151	5755.0	-14.424	0.108	-7.33	28.27
	159	5795.0	-14.566	0.108	-7.47	28.27
ANT-1						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/100kHz)	Duty Factor (dB)	轉換值 (dBm/500KHz)	限制值 (dBm/500 kHz)
Mode 8	151	5755.0	-18.238	0.108	-11.14	28.27
	159	5795.0	-18.851	0.108	-11.75	28.27
ANT-0+1						
操作模式	頻道 (CH)	頻率 (MHz)	轉換值 (dBm/500KHz)		限制值 (dBm/500 kHz)	
Mode 8	151	5755.0	-5.82		28.27	
	159	5795.0	-6.09		28.27	

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

Conversion ration = 10*Log(500 k/100 k)

操作模式	: Mode 6 / Mode 7 / Mode 8 / Mode 9
測試結果	: 合格

ANT-0						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/MHz)	Duty Factor (dB)	轉換值 (dBm/MHz)	限制值 (dBm/MHz)
Mode 9	42	5210.0	-7.816	0.355	-7.461	9.04
ANT-1						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/MHz)	Duty Factor (dB)	轉換值 (dBm/MHz)	限制值 (dBm/MHz)
Mode 9	42	5210.0	-8.492	0.355	-8.137	9.04
ANT-0+1						
操作模式	頻道 (CH)	頻率 (MHz)	轉換值 (dBm/MHz)			限制值 (dBm/MHz)
Mode 9	42	5210.0	-4.776			9.04

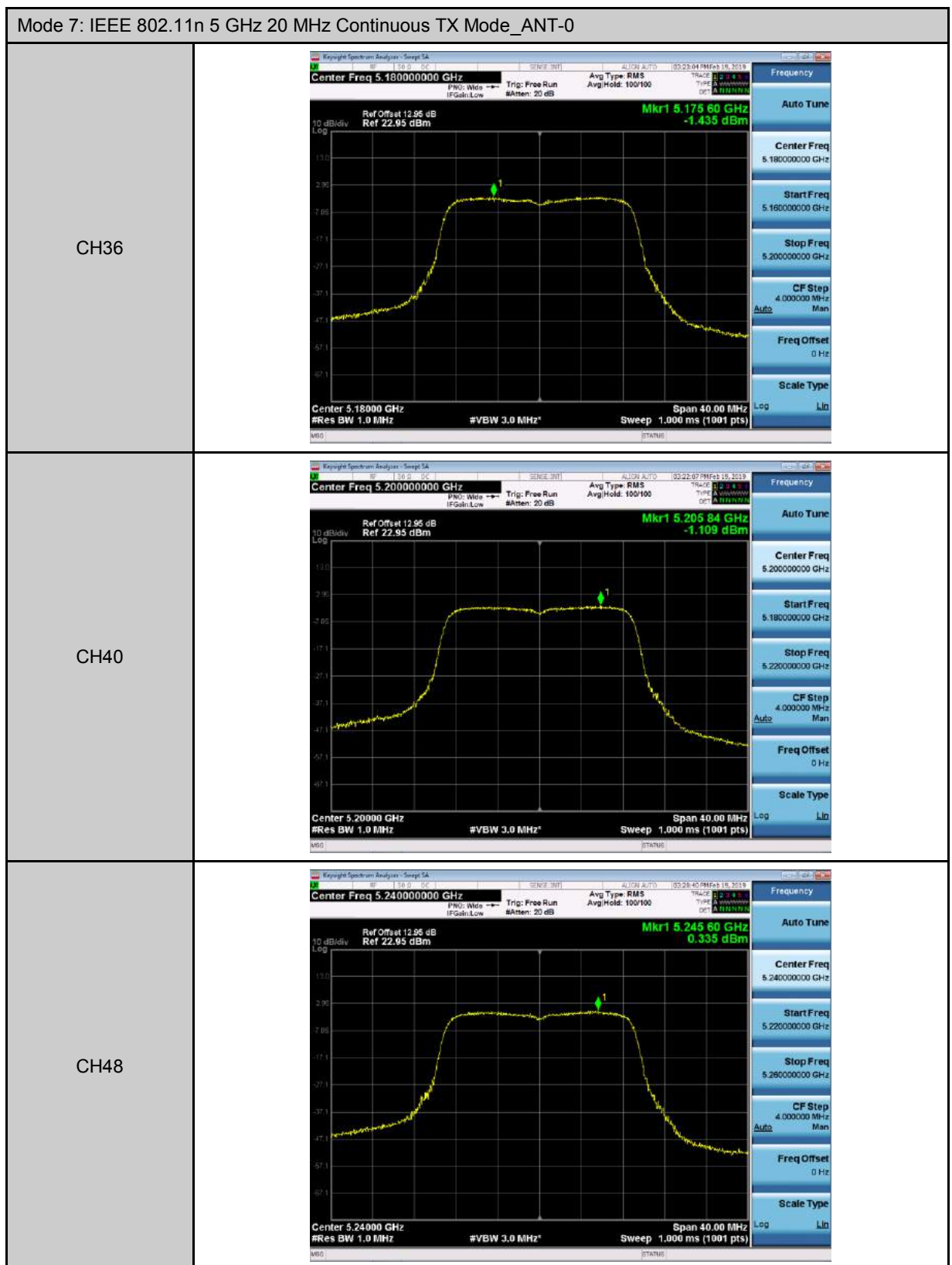
ANT-0						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/100kHz)	Duty Factor (dB)	轉換值 (dBm/500KHz)	限制值 (dBm/500 kHz)
Mode 9	155	5775.0	-16.426	0.355	-9.08	28.27
ANT-1						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/100kHz)	Duty Factor (dB)	轉換值 (dBm/500KHz)	限制值 (dBm/500 kHz)
Mode 9	155	5775.0	-18.587	0.355	-11.24	28.27
ANT-0+1						
操作模式	頻道 (CH)	頻率 (MHz)	轉換值 (dBm/500KHz)			限制值 (dBm/500 kHz)
Mode 9	155	5775.0	-7.02			28.27

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.

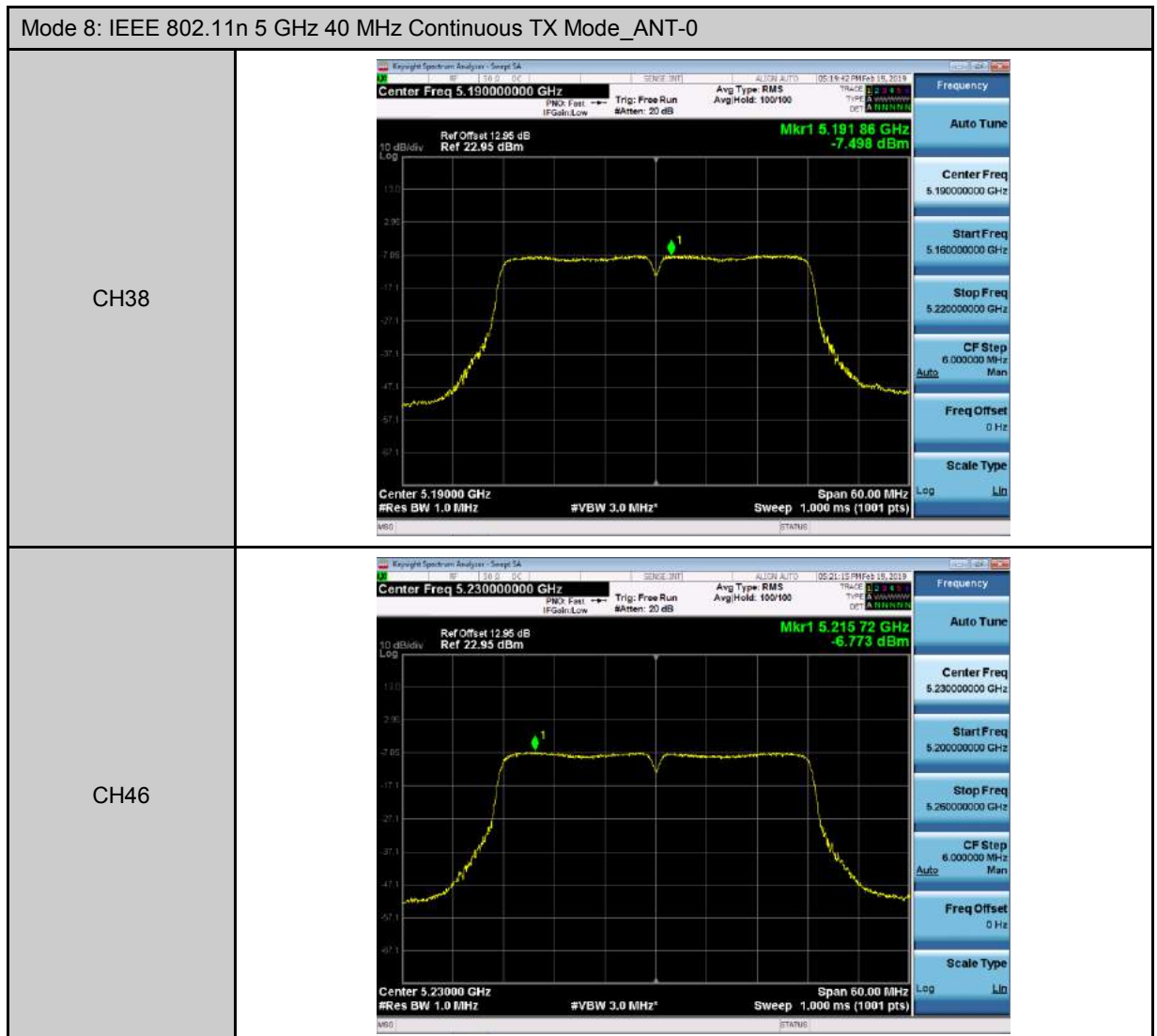
Conversion ration = 10*Log(500 k/100 k)

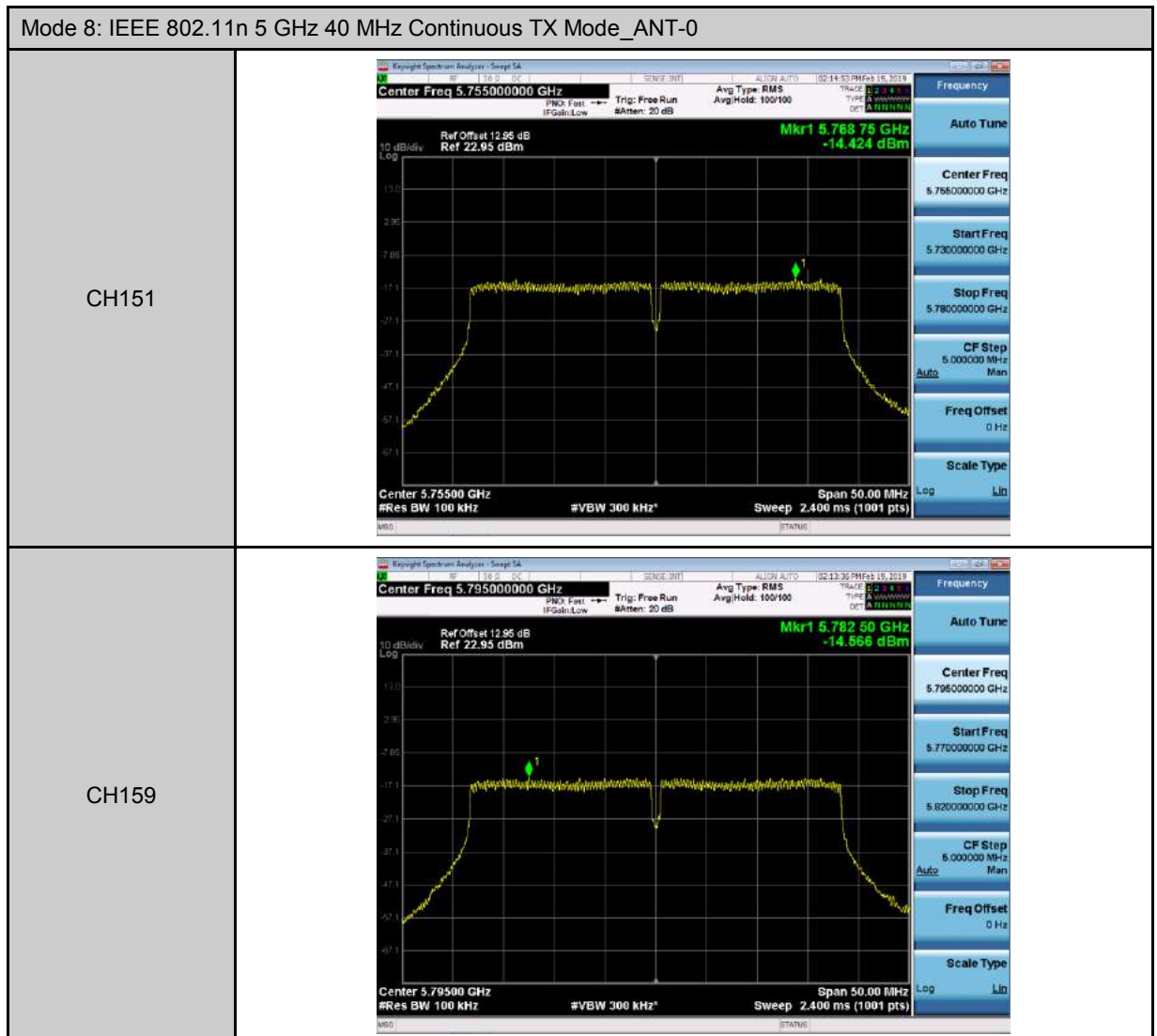


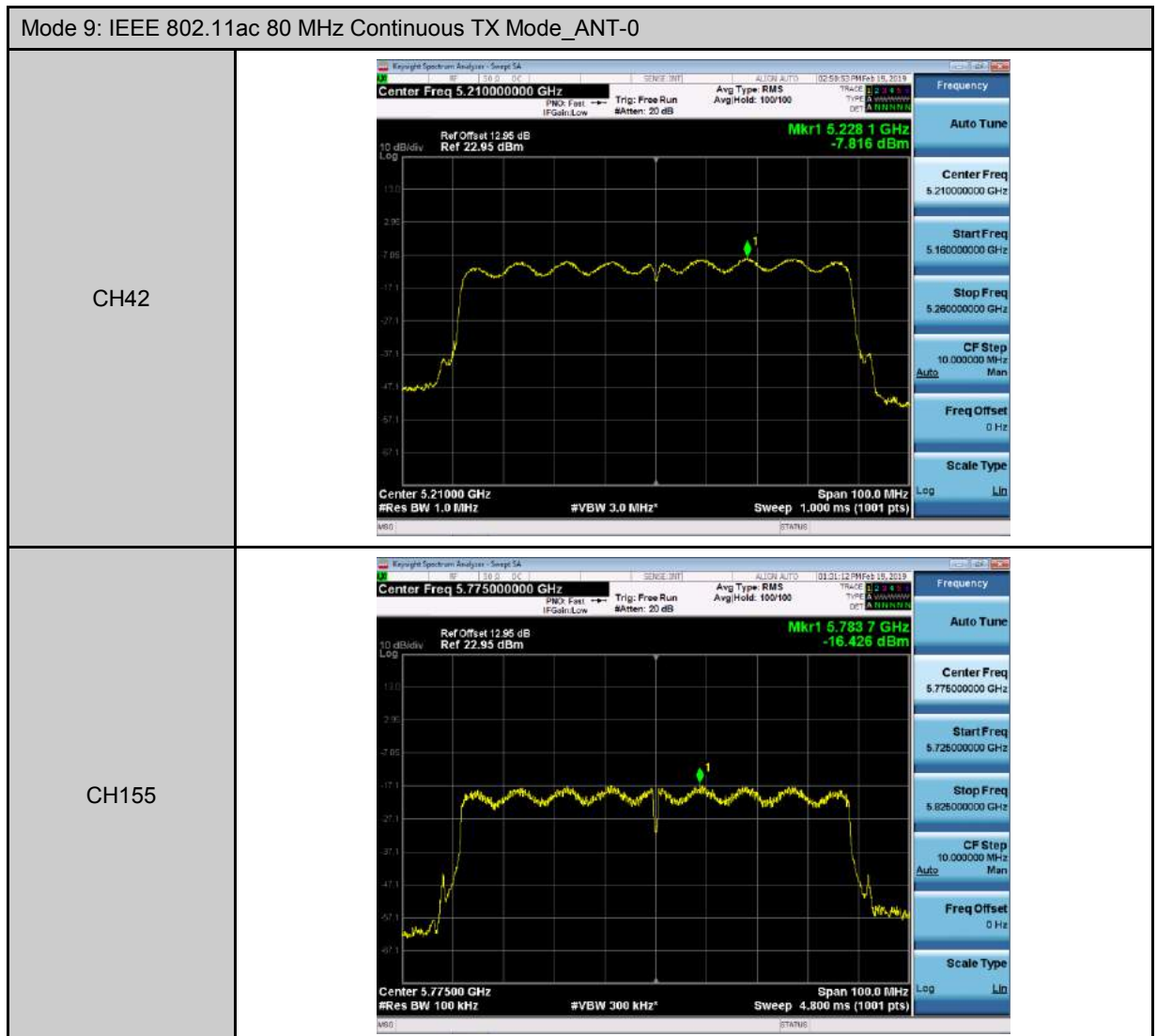


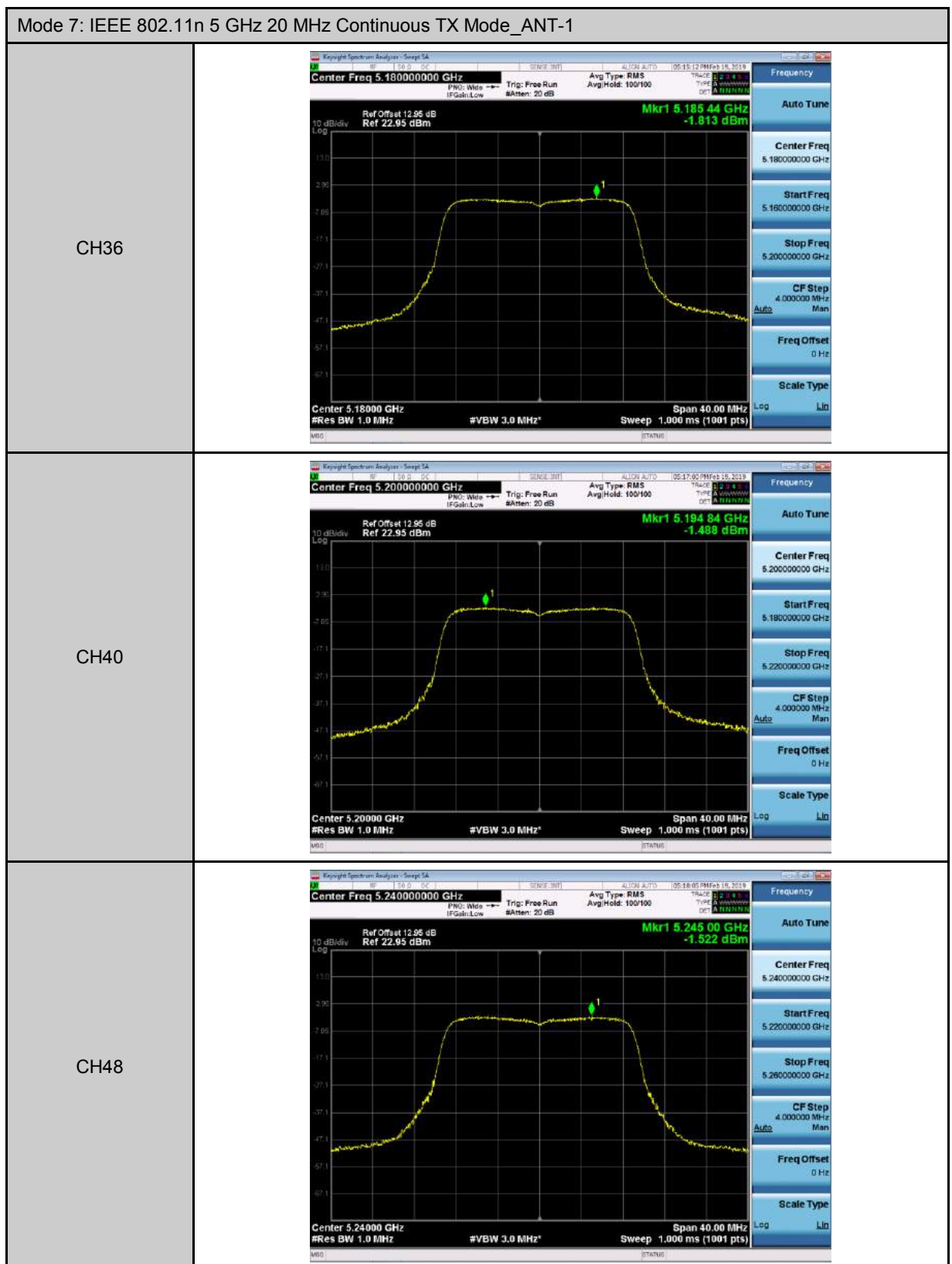


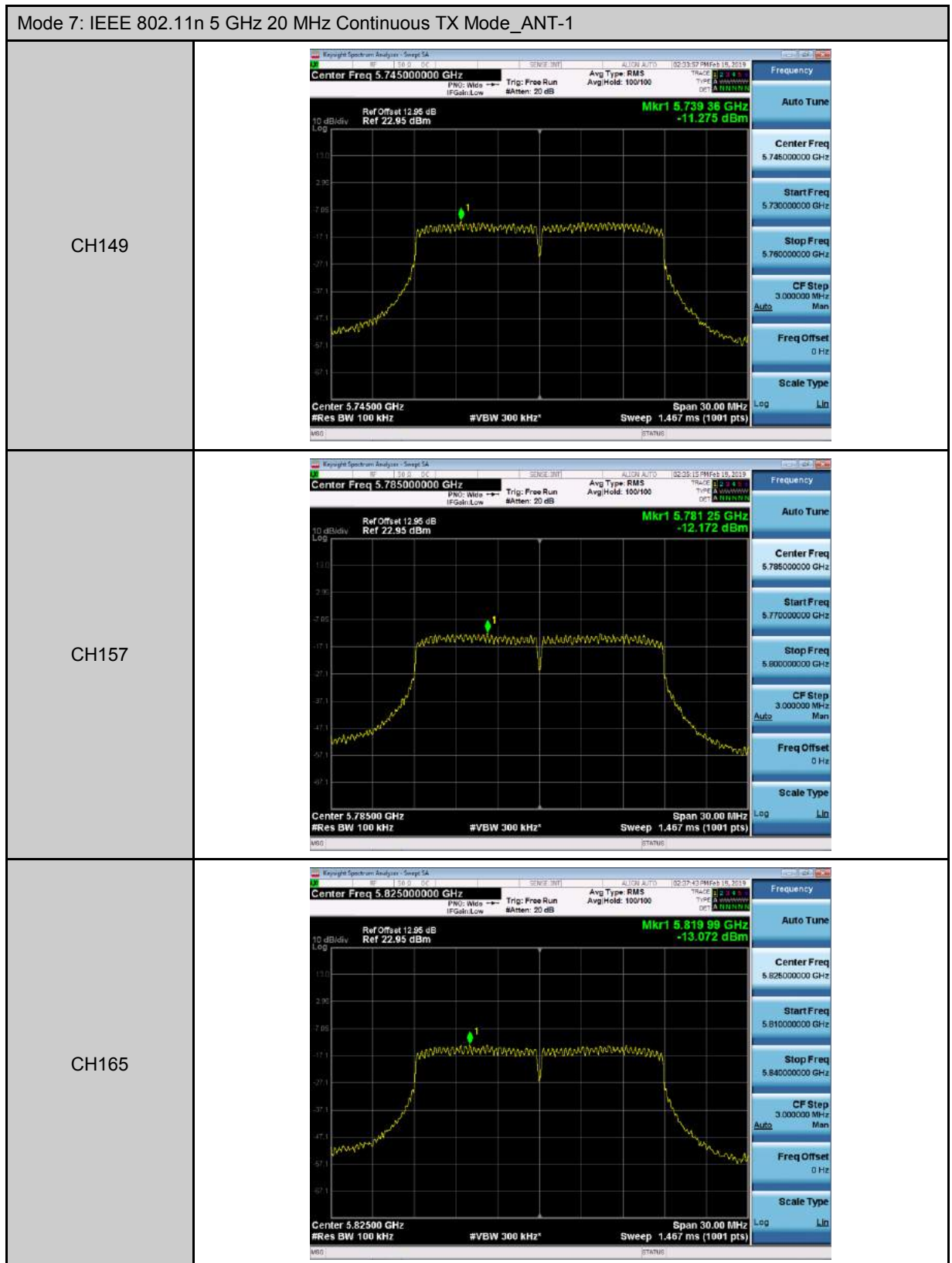


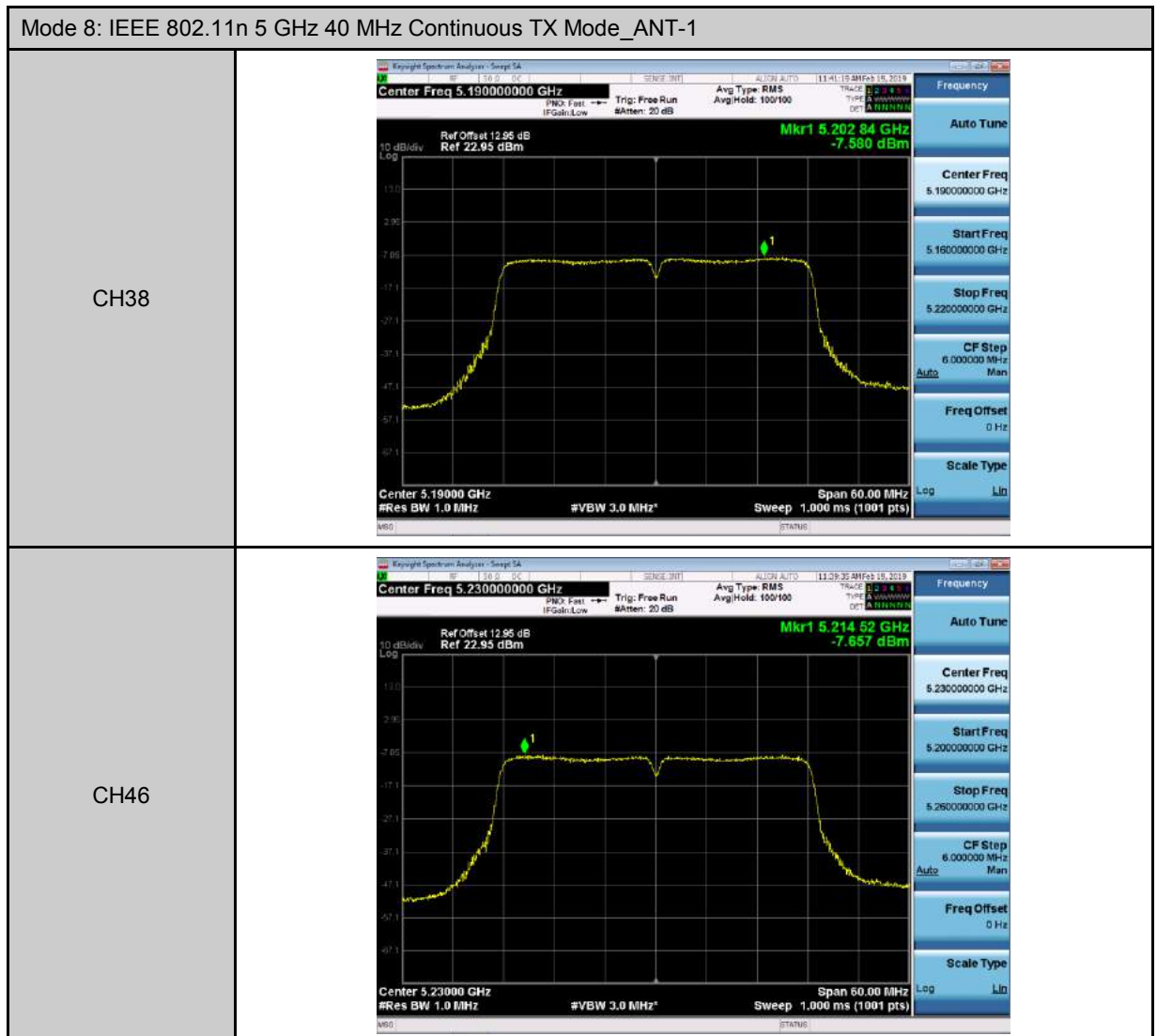


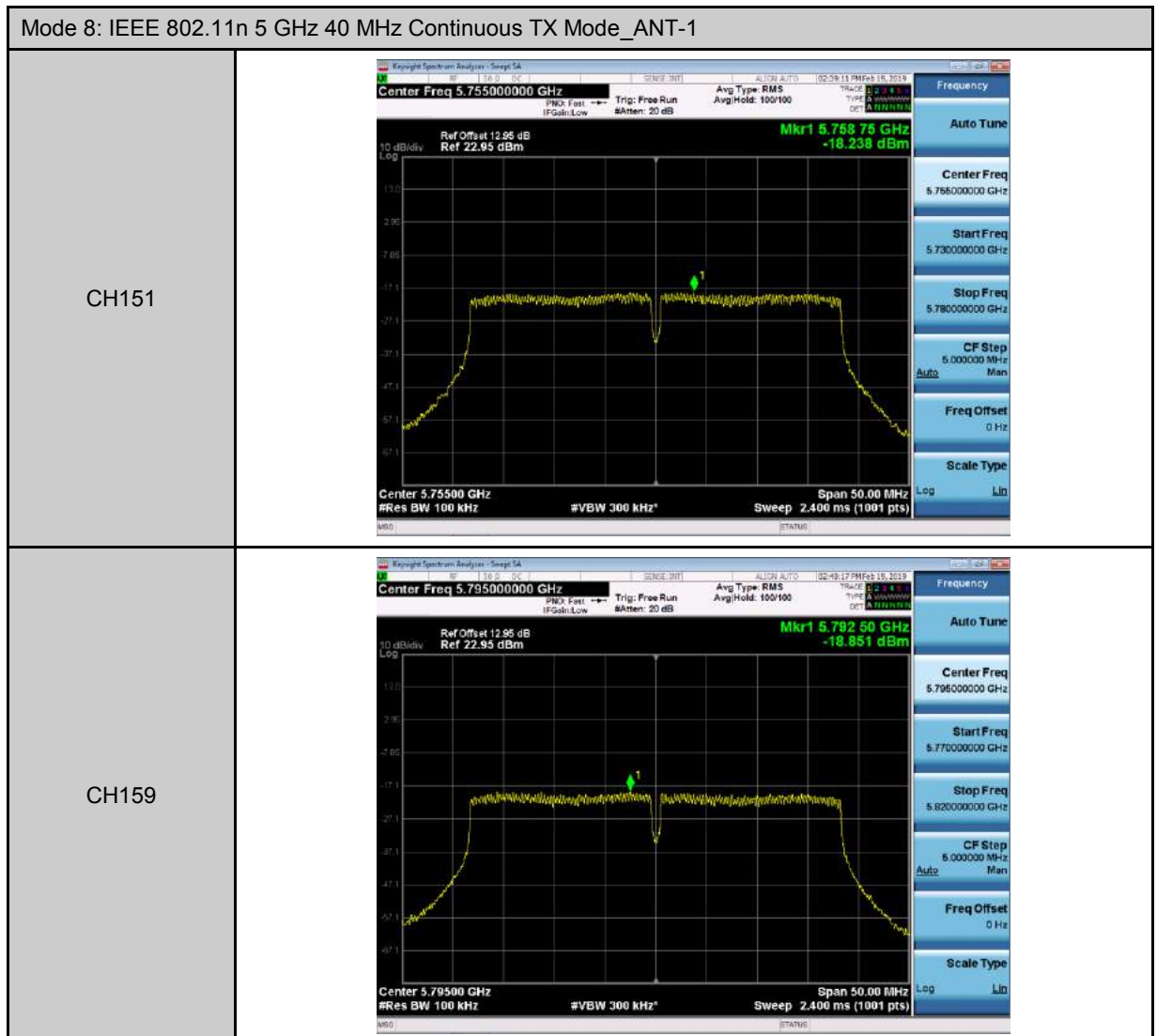


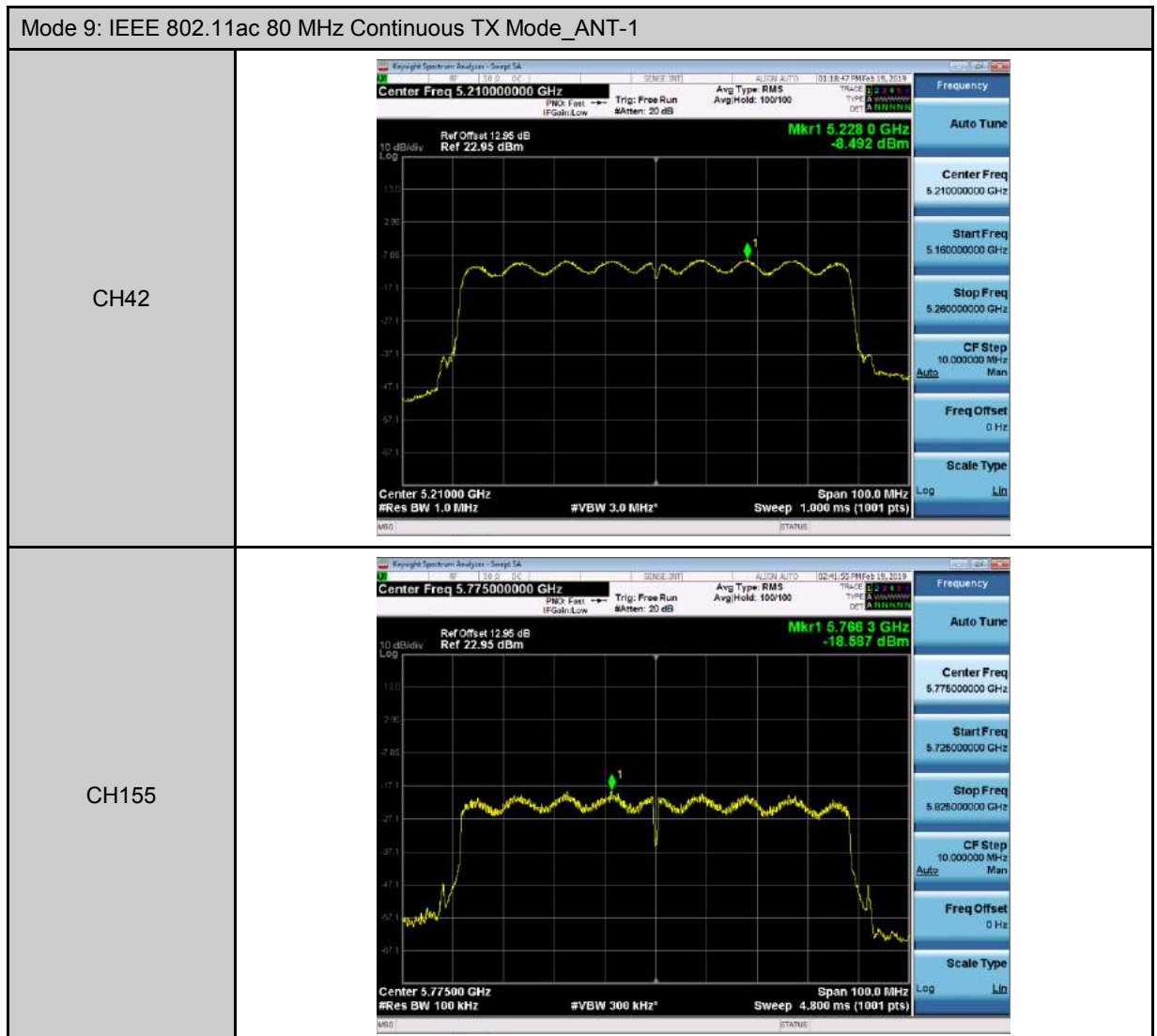










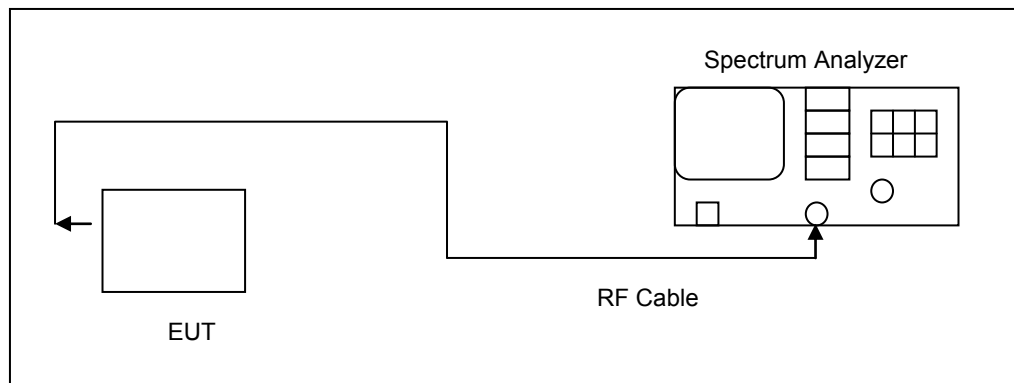


4.3.4 26 dB頻寬之要求

合格標準:

N/A

測試架構圖：

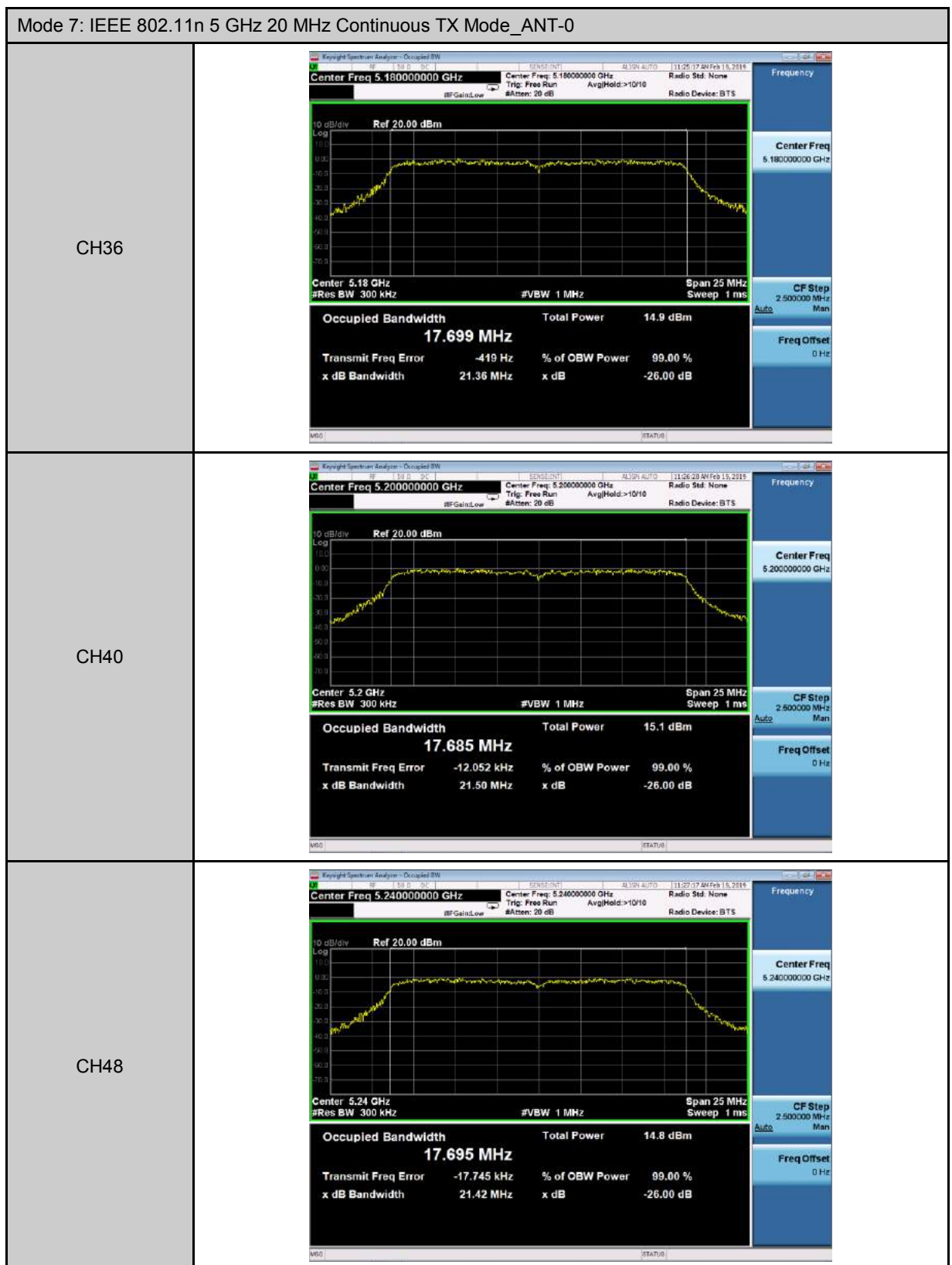


測試結果:

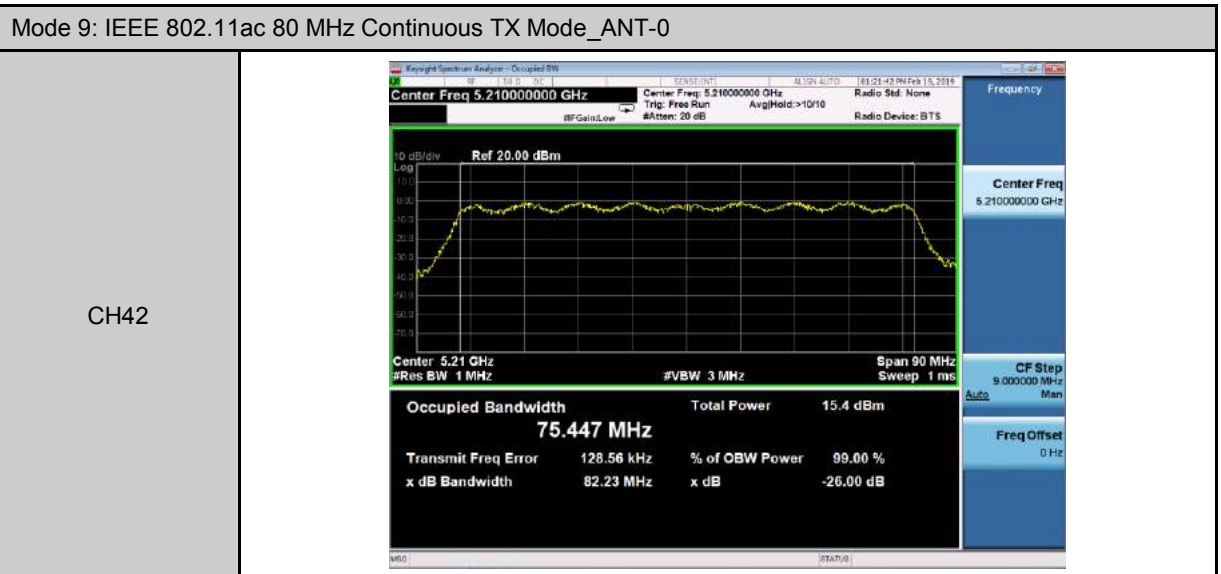
操作模式	: Mode 6 / Mode 7 / Mode 8 / Mode 9
測試結果	: 合格

操作模式	頻道 (CH)	頻率 (MHz)	26 dB 頻寬量測值 (MHz)	
			ANT-0	ANT-1
Mode 6	36	5180.0	20.510	---
	40	5200.0	20.650	---
	48	5240.0	20.430	---
Mode 7	36	5180.0	21.360	21.070
	40	5200.0	21.500	20.960
	48	5240.0	21.420	20.830
Mode 8	38	5190.0	44.050	44.320
	46	5230.0	44.630	44.440
Mode 9	42	5210.0	82.230	82.920











Mode 8: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-1

CH38

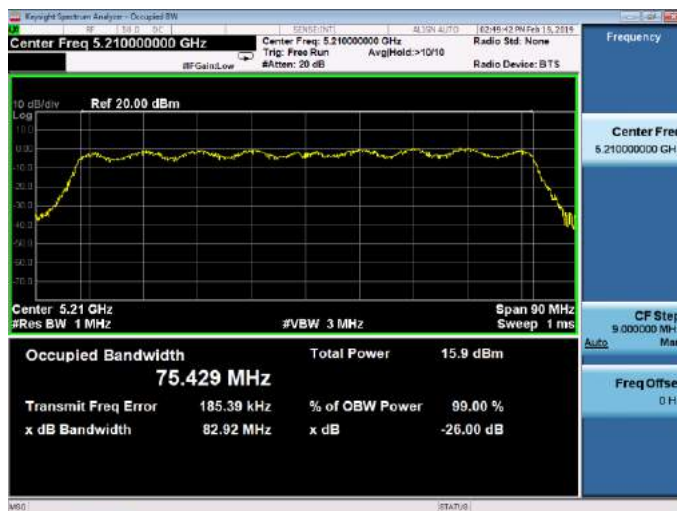


CH46



Mode 9: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-1

CH42

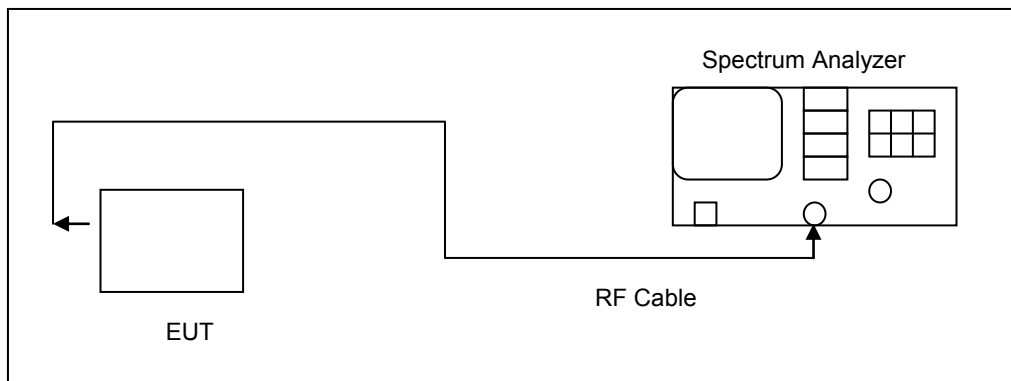


4.3.5 6 dB頻寬之要求

合格標準:

在 5.725 GHz~5.850 GHz 頻帶操作之設備，其 6 dB 頻寬至少應有 500 kHz。

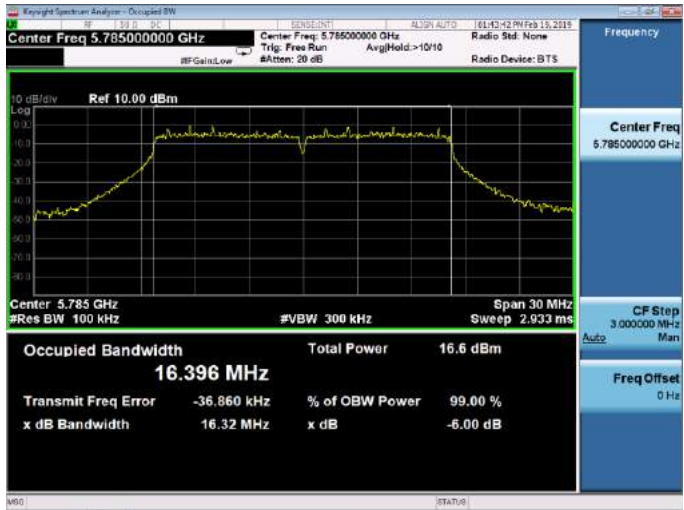
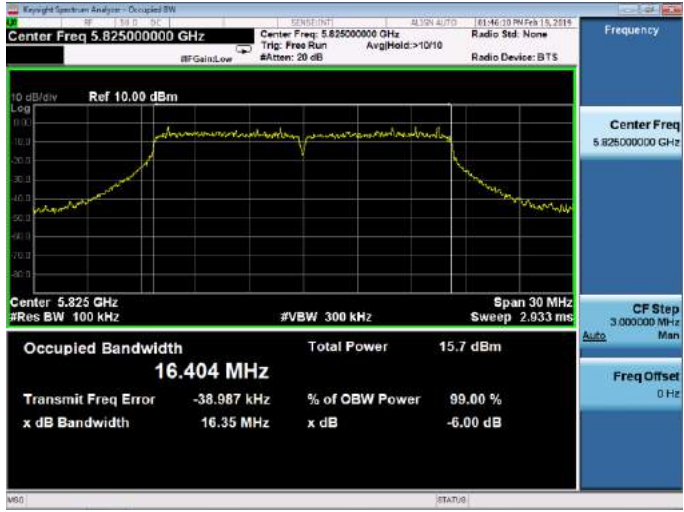
測試架構圖：

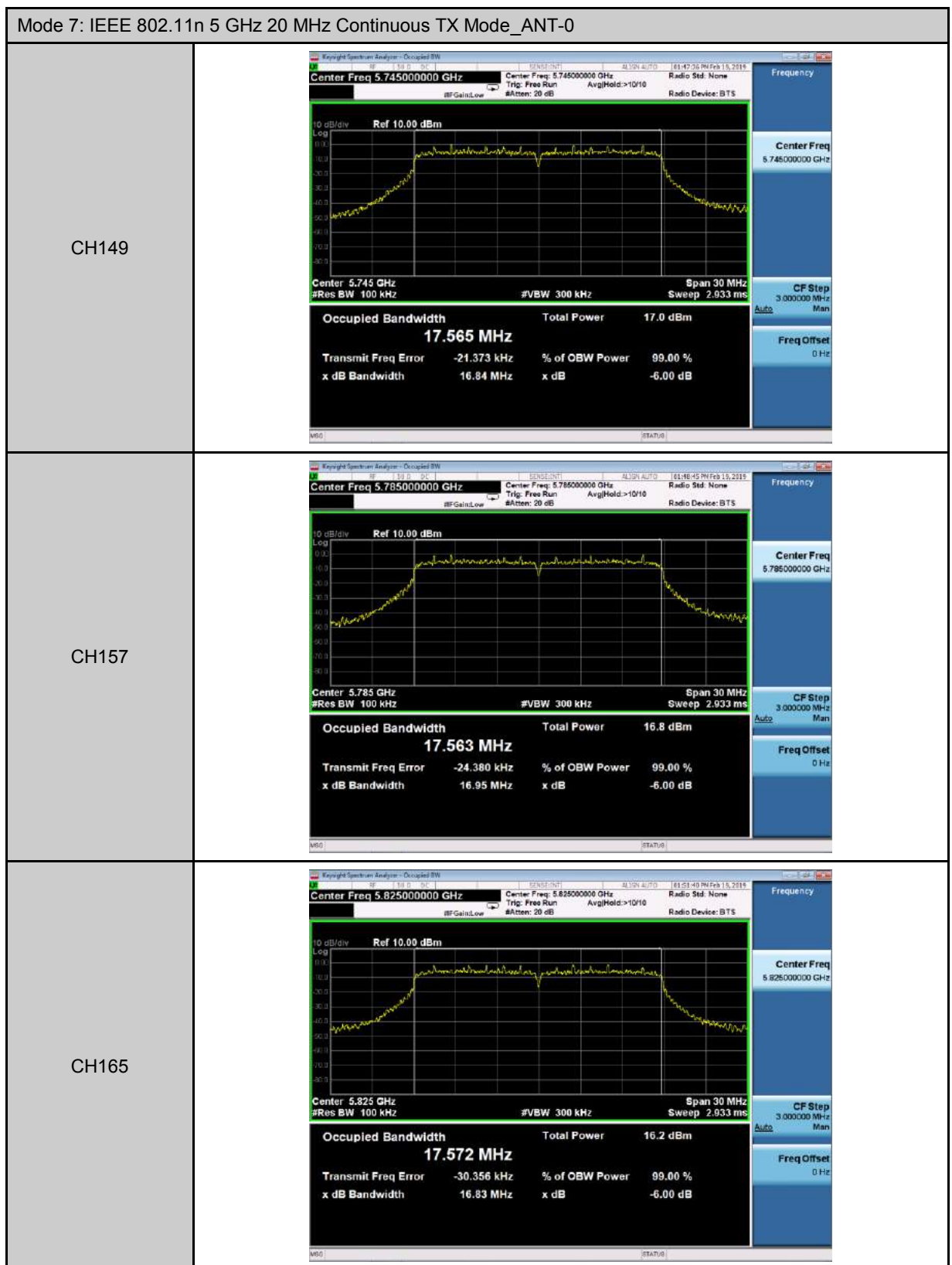


測試結果:

操作模式	: Mode 6 / Mode 7 / Mode 8 / Mode 9
測試結果	: 合格

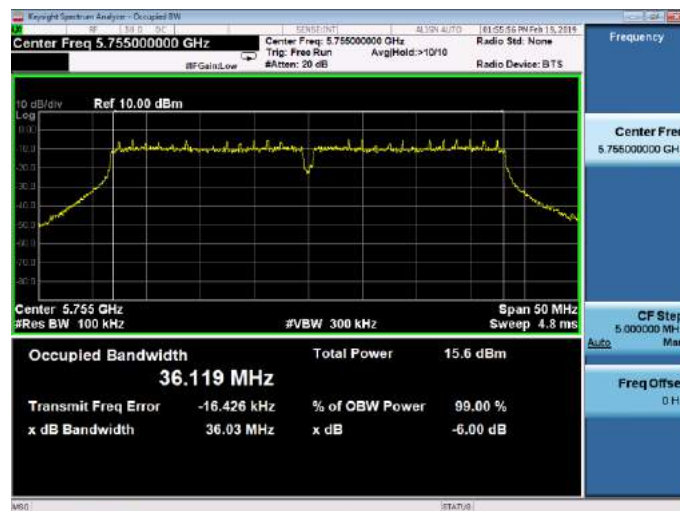
操作模式	頻道 (CH)	頻率 (MHz)	6 dB 頻寬量測值 (kHz)		限制值 (kHz)
			ANT-0	ANT-1	
Mode 6	149	5745.0	16320	---	≥ 500
	157	5785.0	16320	---	≥ 500
	165	5825.0	16350	---	≥ 500
Mode 7	149	5745.0	16840	16830	≥ 500
	157	5785.0	16950	16830	≥ 500
	165	5825.0	16830	16810	≥ 500
Mode 8	151	5755.0	36030	35410	≥ 500
	159	5795.0	35480	35460	≥ 500
Mode 9	155	5775.0	75230	75220	≥ 500

Mode 6: IEEE 802.11a Continuous TX Mode_ANT-0	
CH149	 Keynote Spectrum Analyzer - Occupied BW Center Freq 5.745000000 GHz Center Freq: 5.745000000 GHz Trig: Free Run AvgHold: >10/10 Radio Std: None Radio Device: BTS Ref 10.00 dBm Center: 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 16.382 MHz Total Power 17.2 dBm Transmit Freq Error -27.632 kHz % of OBW Power 99.00 % x dB Bandwidth 16.32 MHz x dB -6.00 dB Frequency Center Freq 5.745000000 GHz CF Step 3.000000 MHz Man Freq Offset 0 Hz
CH157	 Keynote Spectrum Analyzer - Occupied BW Center Freq 5.785000000 GHz Center Freq: 5.785000000 GHz Trig: Free Run AvgHold: >10/10 Radio Std: None Radio Device: BTS Ref 10.00 dBm Center: 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 16.396 MHz Total Power 16.6 dBm Transmit Freq Error -36.860 kHz % of OBW Power 99.00 % x dB Bandwidth 16.32 MHz x dB -6.00 dB Frequency Center Freq 5.785000000 GHz CF Step 3.000000 MHz Man Freq Offset 0 Hz
CH165	 Keynote Spectrum Analyzer - Occupied BW Center Freq 5.825000000 GHz Center Freq: 5.825000000 GHz Trig: Free Run AvgHold: >10/10 Radio Std: None Radio Device: BTS Ref 10.00 dBm Center: 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 30 MHz Sweep 2.933 ms Occupied Bandwidth 16.404 MHz Total Power 15.7 dBm Transmit Freq Error -38.987 kHz % of OBW Power 99.00 % x dB Bandwidth 16.35 MHz x dB -6.00 dB Frequency Center Freq 5.825000000 GHz CF Step 3.000000 MHz Man Freq Offset 0 Hz

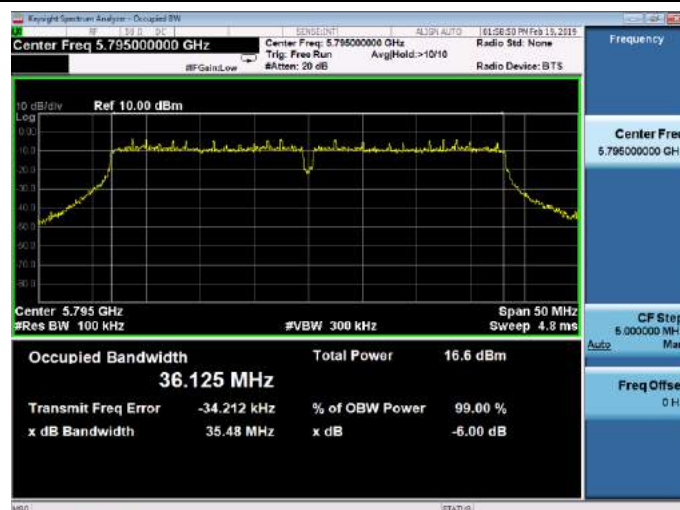


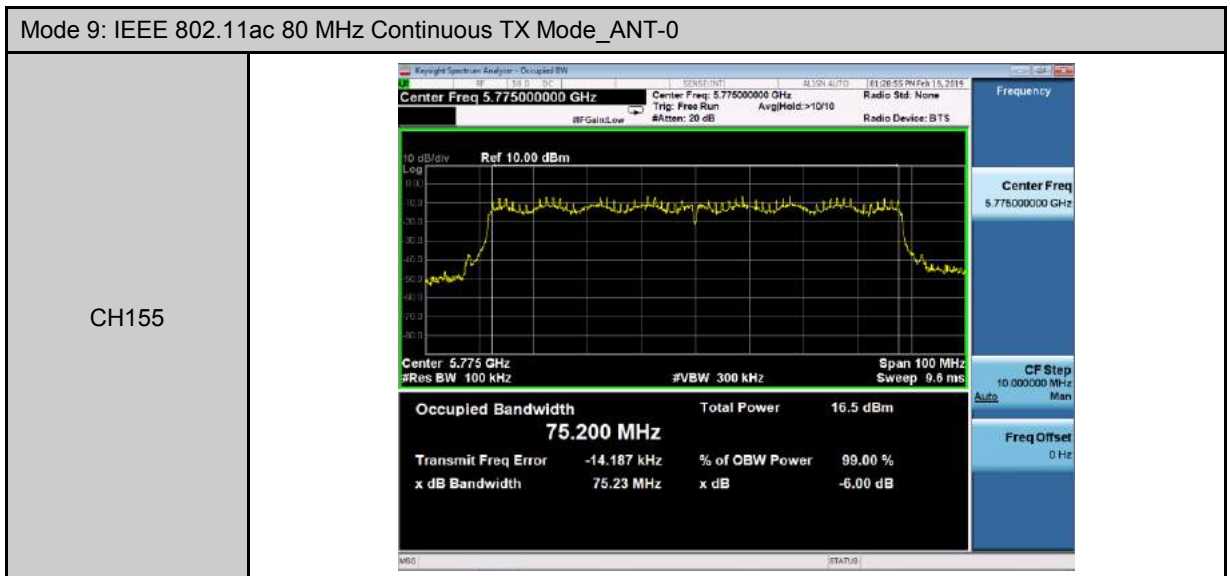
Mode 8: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode_ANT-0

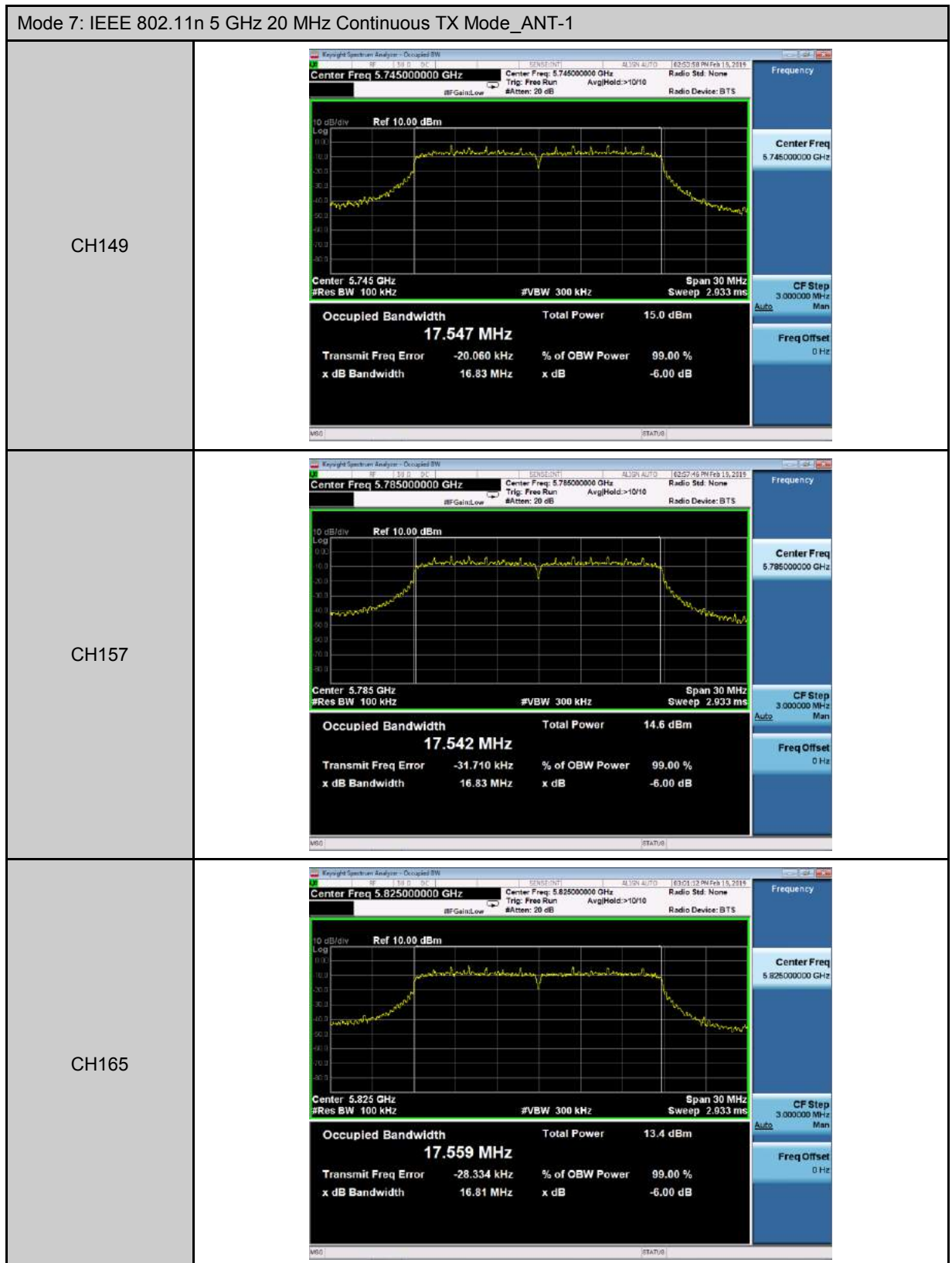
CH151



CH159



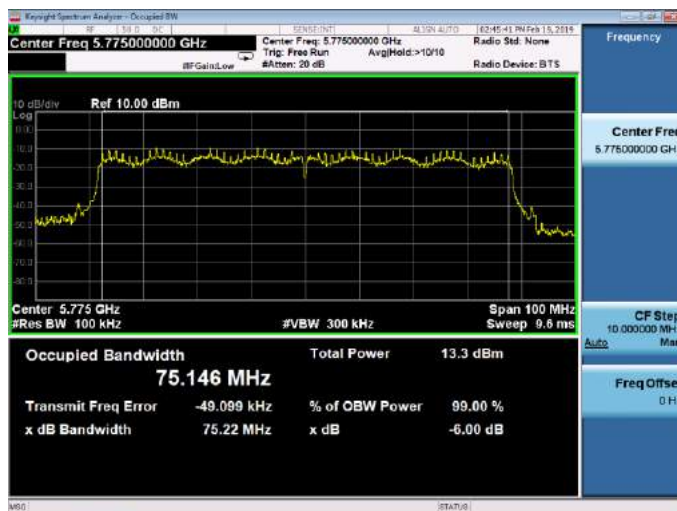






Mode 9: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-1

CH155

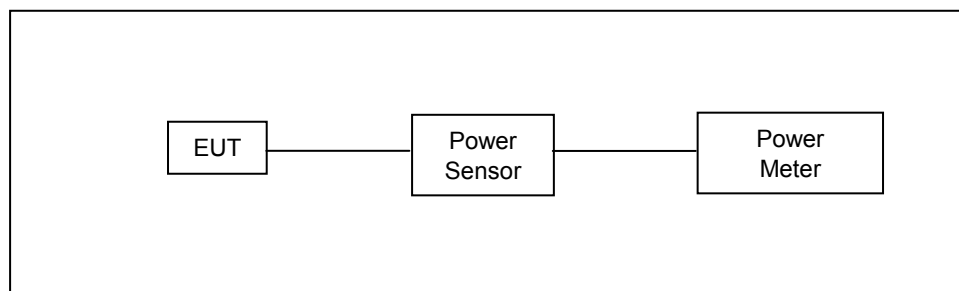


4.3.6 發射功率控制(TPC)之量測

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)4.7.7.1 節之要求, 發射功率控制(TPC)操作於 5.25 GHz~5.35 GHz 與 5.470 GHz~5.725 GHz 頻帶的設備, 應具備發射功率控制功能。設備必須至少具有 6 dB 低於平均 EIRP 值 30 dBm 的能力。EIRP 值低於 500 mW 之系統不須具備 TPC 功能。

測試架構圖：



測試結果:

操作模式	: Mode 6 / Mode 7 / Mode 8 / Mode 9
測試結果	: 不適用, 此產品不具有 TPC 功能, 因此不須評估發射功率控制(TPC)

4.3.7 動態頻率選擇(DFS)之量測

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)4.7.7.2 節之要求, 操作於 5.25 GHz~5.35 GHz 與 5.470 GHz~5.725 GHz 頻帶之設備應具備動態頻率選擇雷達偵測功能並啟動之, 以完整偵測使用頻帶內之雷達訊號, 避免與雷達系統

同頻道操作。相關規定如下:

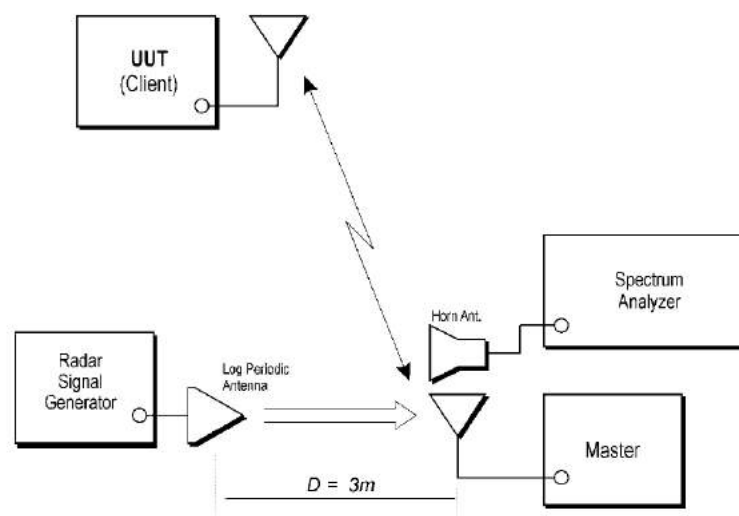
最低動態頻率選擇的偵測門檻

- 最大 EIRP 為 200 mW 至 1 W 之設備, 其最低動態頻率選擇的偵測門檻值為-64 dBm。
- 最大 EIRP 低於 200 mW, 且功率頻譜密度小於 10 dBm/MHz 之設備, 其最低動態頻率選擇的偵測門檻值為-62 dBm。
- 最大 EIRP 低於 200 mW, 且功率頻譜密度大於或等於 10 dBm/MHz 之設備, 其最低動態頻率選擇的偵測門檻值為-64dBm。
- 此偵測門檻值為 1 微秒內之平均接收功率, 並以 0 dBi 天線為參考基準。頻道初始設定得由系統隨機選取或使用者手動選取。

操作模式: 動態頻率選擇之規定適用於以下之操作模式:

- 頻道可用性檢查時間之規定, 適用於主控運作模式。
- 頻道移動時間之規定, 適用於主控及受控運作模式。

測試架構圖:



測試結果:

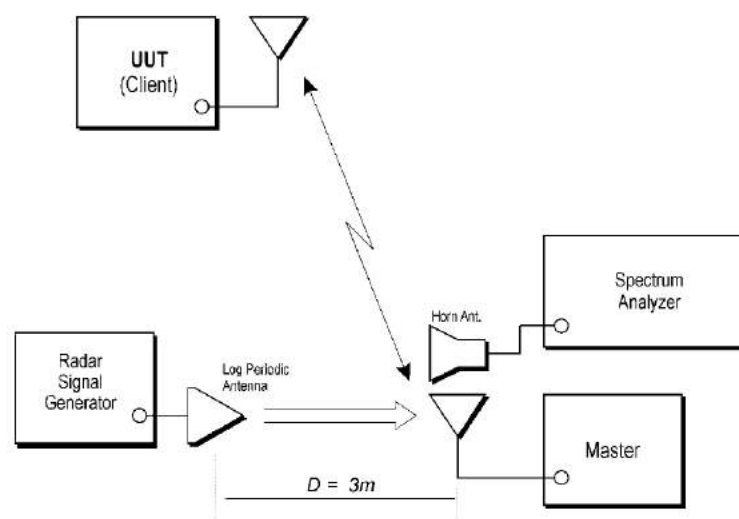
操作模式	: Mode 7 / Mode 8 / Mode 9
測試結果	: 不適用, 此產品為受控裝置, 因此不須評估動態頻率選擇(DFS)

4.3.8 頻道可用性檢查時間之量測

合格標準：

依據 NCC 低功率射頻電機技術規範(LP0002)之 4.7.7.2(3)節之要求，設備必須檢查其可在某一頻道上起始傳送之前是否有雷達系統已經操作在該頻道上，以及何時其必須移動到另一新的頻道，在 60 秒內若沒有偵測到功率位準大過上述之干擾門檻值的雷達信號時，設備才可開始使用該頻道。

測試架構圖：



測試結果：

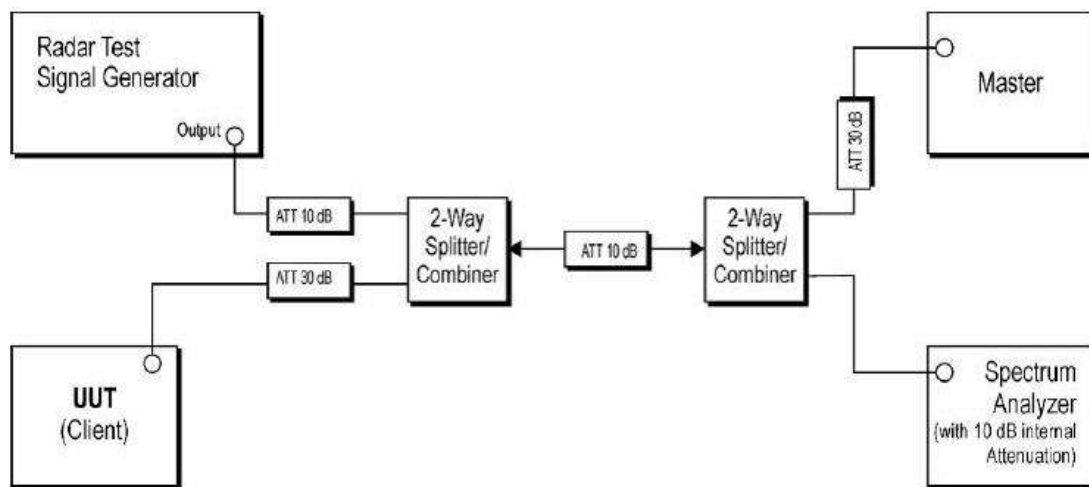
操作模式	: Mode 7
測試結果	: 不適用；此產品為受控裝置，因此不須評估頻道可用性檢查時間

4.3.9 頻道移動時間之量測

合格標準：

依據 NCC 低功率射頻電機技術規範(LP0002)之 4.7.7.2(4)節節之要求，在偵測到雷達的存在後，所有在該操作頻道上的所有傳輸須在 10 秒內停止，在偵測到雷達信號後，該期間內的傳輸應維持最多 200 毫秒的正常通訊。另外，間歇性的管理與控制信號可在剩餘的時間中傳送，以便撤離該操作頻道。

測試架構圖：



測試結果：

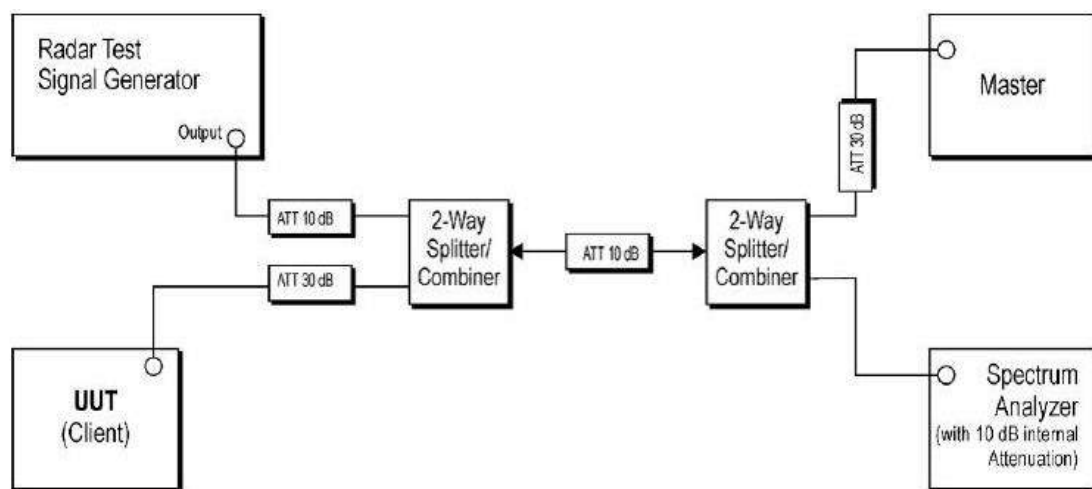
操作模式	: Mode 9
測試結果	: 不適用；此產品為受控裝置，因此不須評估頻道移動時間之量測

4.3.10 不可佔用時間之量測

合格標準：

依據 NCC 低功率射頻電機技術規範(LP0002)之 4.7.7.2(5)節節之要求，某一頻道已被頻道可用性檢查或”服務中”監視顯示含有雷達系統，至少須有 30 分鐘的不可佔用期間。不可佔用期間起始於偵測到雷達系統的當時。

測試架構圖：



測試結果：

操作模式	: Mode 7
測試結果	: 不適用，此產品為受控裝置，因此不須評估不可佔用時間

4.3.11 天線規格之要求

合格標準:

據 NCC 低功率射頻電機技術規範(LP0002)之 4.7.8 節之要求，天線之規格不受第 2.2 節規定之限制

判定結果:

符合。

Antenna	製造商	型號	型態	增益值(dBi)	
ANT-0/ ANT-1	深圳麒新弘澤 科技有限公司	RFDPA171300 SFLB801	External Antenna	Band I	4.95
				Band III	4.72

4.3.12 電波暴露量之評估

合格標準：

若受測物於正常操作模式下，其發射機距離人體 20 公分以上者，可測試最大暴露允許值(Maximum Permissible Exposure, MPE)以證明其符合電波暴露量之要求。限制值如下：

5.20.2.1 職業性/可控制之暴露

頻率範圍 (MHz)	電場強度 (V/m)	磁場強度 (A/m)	功率密度 (mW/cm ²)	平均時間 (minutes)
0.3~3.0	614	1.63	*100	6
3~30	1842/f	4.89/f	*900/f ²	6
30~300	61.4	0.163	1.0	6
300~1,500	-----	-----	f/300	6
1,500~100,000	-----	-----	5.0	6

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

5.20.2.2 一般人/不可控制之暴露

頻率範圍 (MHz)	電場強度 (V/m)	磁場強度 (A/m)	功率密度 (mW/cm ²)	平均時間 (minutes)
0.3~1.34	614	1.63	*100	30
1.34~30	824/f	2.19/f	*180/f ²	30
30~300	27.5	0.073	0.2	30
300~1,500	-----	-----	f/1500	30
1,500~100,000	-----	-----	1.0	30

註 1：標記*表平面波等效功率密度。

註 2：f 表測試頻率，單位：MHz。

判定結果:

Band	Frequency (MHz)	Limit (mW/cm ²)	Distance [R] (cm)	Power [P] (dBm)	ANT Gain (dBi)	Numeric Gain [G] (dBi)	Duty Cycle	With Duty cycle [P] x [G] (mW)	Power Density [S] (mW/cm ²)
IEEE 802.11a	5180.0	1.0	20	12.64	4.95	3.13	1	57.484	0.0114
	5200.0	1.0	20	11.99	4.95	3.13	1	49.493	0.0098
	5220.0	1.0	20	12.15	4.95	3.13	1	51.350	0.0102
	5240.0	1.0	20	12.20	4.95	3.13	1	51.945	0.0103
	5745.0	1.0	20	12.33	4.72	2.96	1	50.616	0.0101
	5765.0	1.0	20	12.27	4.72	2.96	1	49.922	0.0099
	5785.0	1.0	20	12.22	4.72	2.96	1	49.351	0.0098
	5805.0	1.0	20	11.78	4.72	2.96	1	44.596	0.0089
	5825.0	1.0	20	11.50	4.72	2.96	1	41.811	0.0083
IEEE 802.11n 5 GHz 20 MHz	5180.0	1.0	20	14.99	7.96	6.25	1	197.188	0.0392
	5200.0	1.0	20	14.96	7.96	6.25	1	195.830	0.0390
	5220.0	1.0	20	15.06	7.96	6.25	1	200.392	0.0399
	5240.0	1.0	20	15.05	7.96	6.25	1	199.931	0.0398
	5745.0	1.0	20	13.87	7.73	5.93	1	144.562	0.0288
	5765.0	1.0	20	13.83	7.73	5.93	1	143.237	0.0285
	5785.0	1.0	20	13.87	7.73	5.93	1	144.562	0.0288
	5805.0	1.0	20	13.53	7.73	5.93	1	133.676	0.0266
	5825.0	1.0	20	13.28	7.73	5.93	1	126.199	0.0251
IEEE 802.11n 5 GHz 40 MHz	5190.0	1.0	20	12.51	7.96	6.25	1	111.399	0.0222
	5230.0	1.0	20	12.99	7.96	6.25	1	124.417	0.0248
	5755.0	1.0	20	11.64	7.73	5.93	1	86.508	0.0172
	5795.0	1.0	20	11.49	7.73	5.93	1	83.571	0.0166
IEEE 802.11ac 80 MHz	5210.0	1.0	20	11.97	7.96	6.25	1	98.374	0.0196
	5775.0	1.0	20	11.77	7.73	5.93	1	89.136	0.0177

Note : Simultaneous MPE = WLAN 5G MPE + BT MPE = 0.0399 + 0.0013 = 0.0412 mW/cm²