

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 5		
Ant.Polar.:	Vertical		

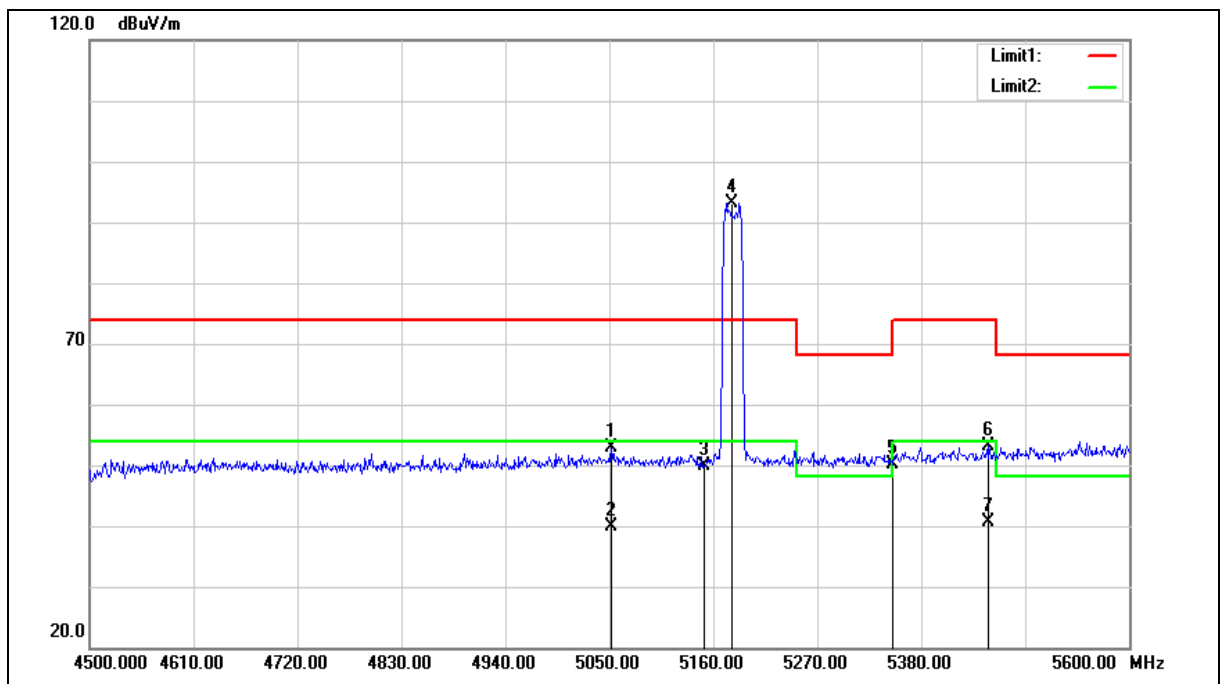
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.45	-3.87	51.58	68.20	-16.62	peak
2	5700.000	55.08	-3.74	51.34	105.20	-53.86	peak
3	5720.000	54.71	-3.70	51.01	110.80	-59.79	peak
4	5725.000	55.20	-3.68	51.52	122.20	-70.68	peak
5	5825.000	98.95	-3.42	95.53	---	---	peak
6	5850.000	54.89	-3.35	51.54	122.20	-70.66	peak
7	5855.000	54.60	-3.34	51.26	110.80	-59.54	peak
8	5875.000	55.21	-3.28	51.93	105.20	-53.27	peak
9	5925.000	55.90	-3.15	52.75	68.20	-15.45	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:	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		



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		

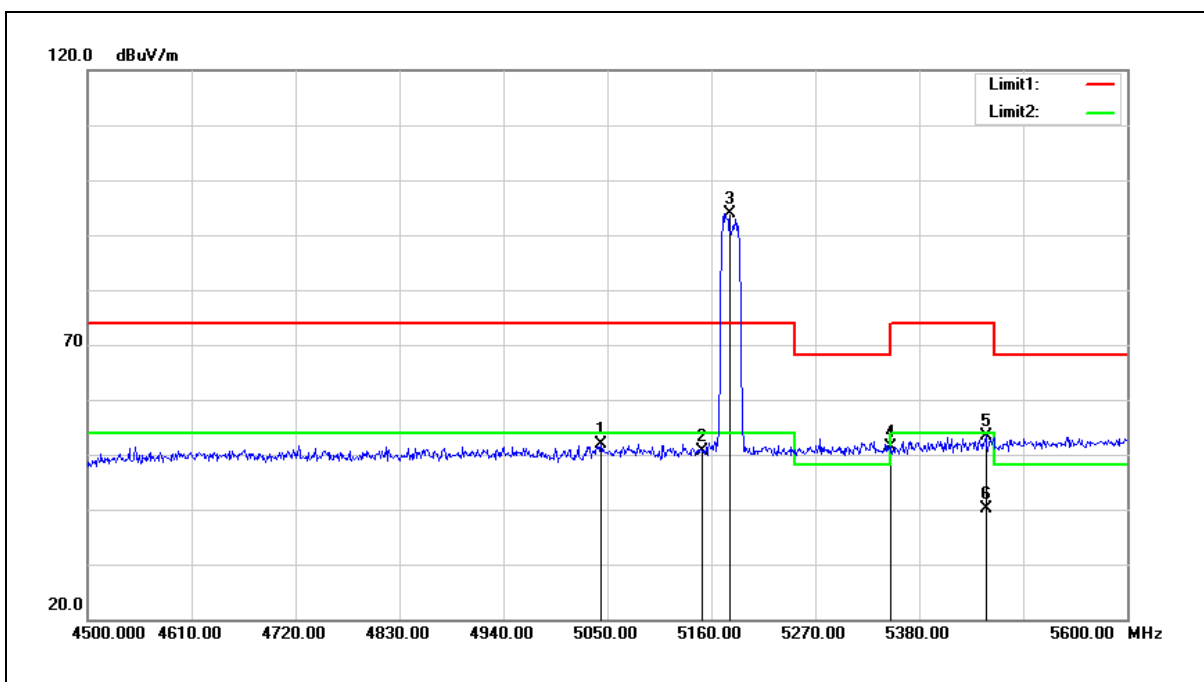
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5052.200	58.05	-5.11	52.94	74.00	-21.06	peak
2	5052.200	45.06	-5.11	39.95	54.00	-14.05	AVG
3	5150.000	54.86	-4.95	49.91	74.00	-24.09	peak
4	5180.000	98.09	-4.89	93.20	---	---	peak
5	5350.000	54.58	-4.47	50.11	74.00	-23.89	peak
6	5451.500	57.30	-4.28	53.02	74.00	-20.98	peak
7	5451.500	44.84	-4.28	40.56	54.00	-13.44	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:	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		



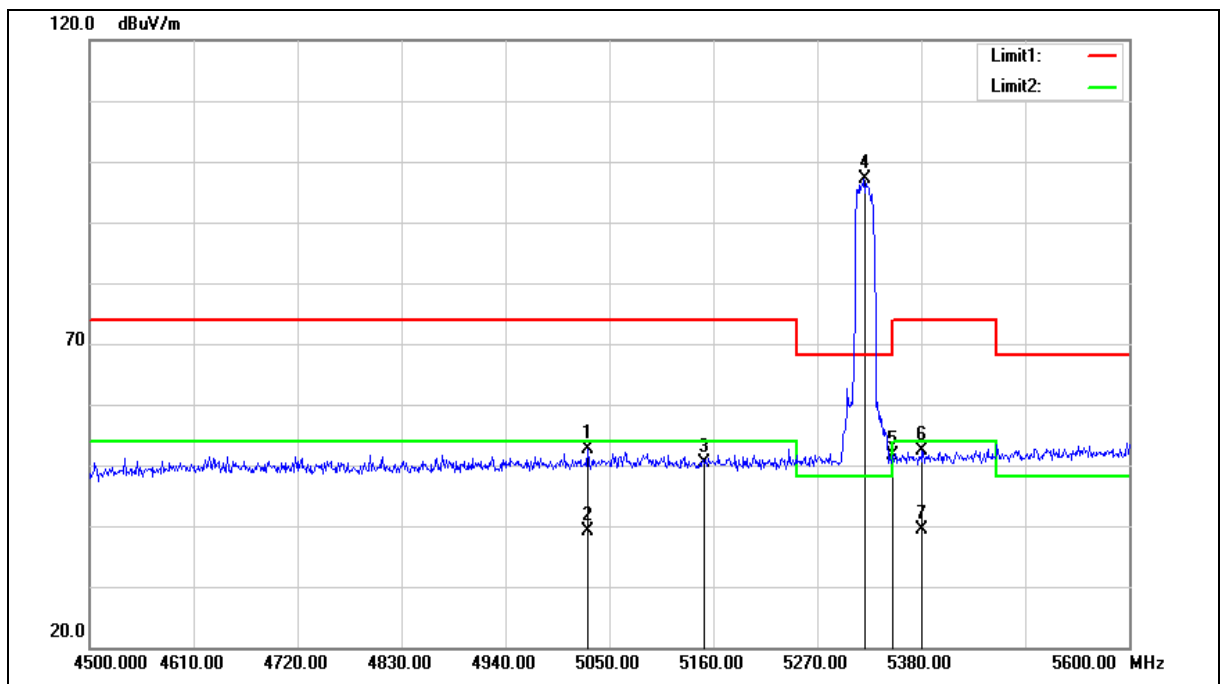
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5043.400	56.96	-5.12	51.84	74.00	-22.16	peak
2	5150.000	55.50	-4.95	50.55	74.00	-23.45	peak
3	5180.000	98.70	-4.89	93.81	---	---	peak
4	5350.000	55.77	-4.47	51.30	74.00	-22.70	peak
5	5450.400	57.62	-4.28	53.34	74.00	-20.66	peak
6	5450.400	44.41	-4.28	40.13	54.00	-13.87	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:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5320 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:	5320 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		

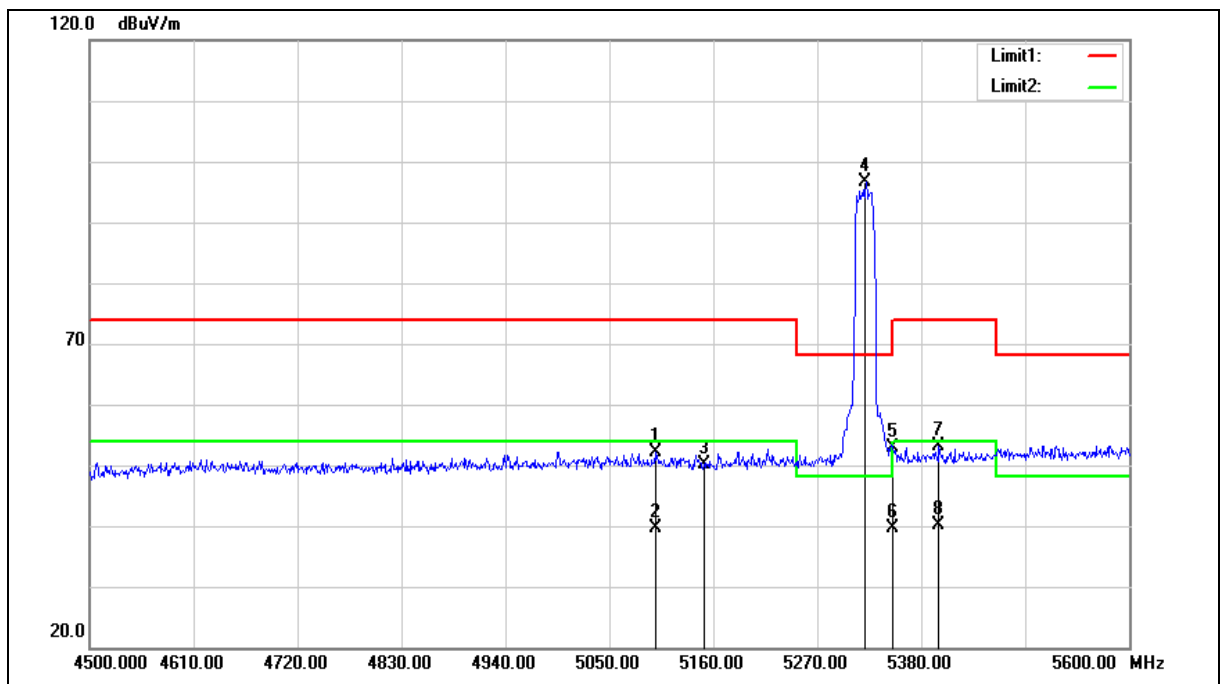
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5026.900	57.68	-5.15	52.53	74.00	-21.47	peak
2	5026.900	44.25	-5.15	39.10	54.00	-14.90	AVG
3	5150.000	55.21	-4.95	50.26	74.00	-23.74	peak
4	5320.000	101.66	-4.55	97.11	---	---	peak
5	5350.000	56.16	-4.47	51.69	74.00	-22.31	peak
6	5381.100	56.70	-4.39	52.31	74.00	-21.69	peak
7	5381.100	43.71	-4.39	39.32	54.00	-14.68	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:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5320 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:	5320 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		

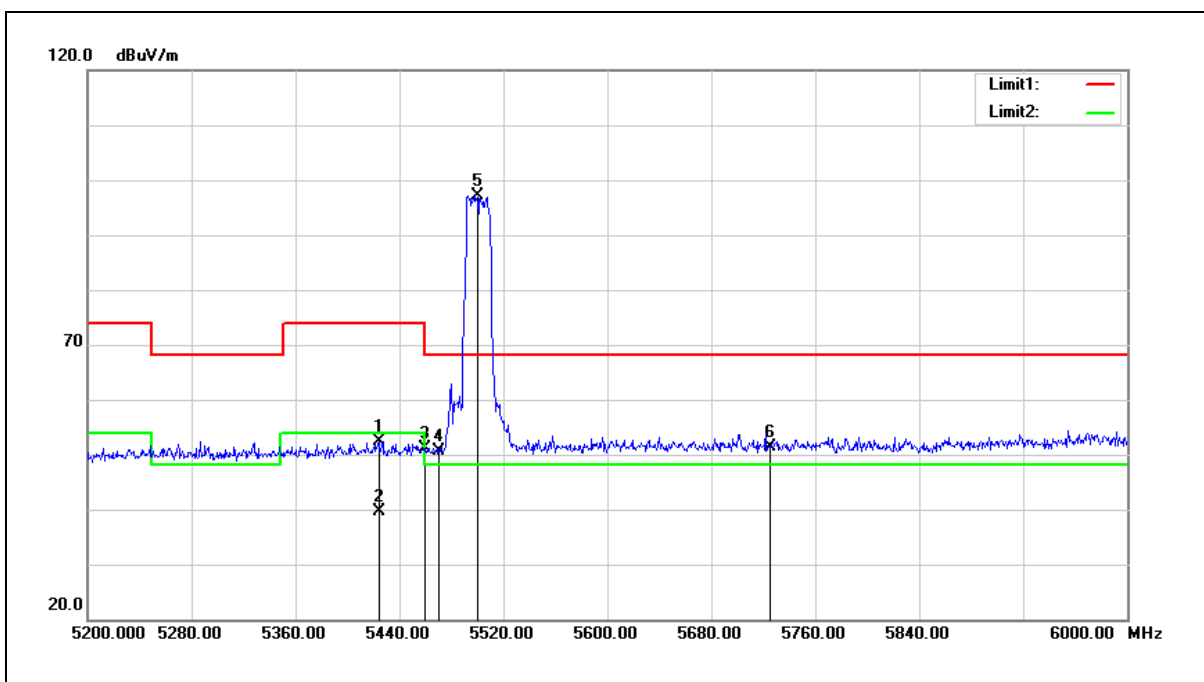
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5098.400	57.25	-5.03	52.22	74.00	-21.78	peak
2	5098.400	44.59	-5.03	39.56	54.00	-14.44	AVG
3	5150.000	55.15	-4.95	50.20	74.00	-23.80	peak
4	5320.000	101.10	-4.55	96.55	---	---	peak
5	5350.000	57.38	-4.47	52.91	74.00	-21.09	peak
6	5350.000	44.09	-4.47	39.62	54.00	-14.38	AVG
7	5398.700	57.36	-4.34	53.02	74.00	-20.98	peak
8	5398.700	44.57	-4.34	40.23	54.00	-13.77	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:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



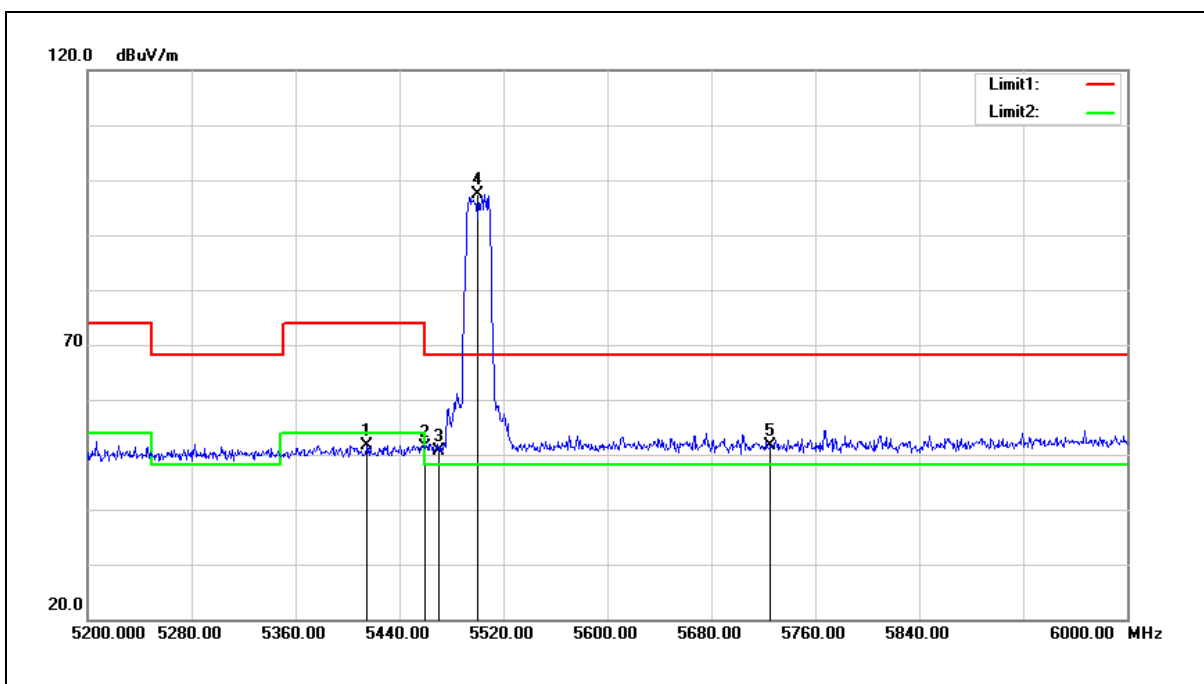
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5424.000	56.76	-4.32	52.44	74.00	-21.56	peak
2	5424.000	43.83	-4.32	39.51	54.00	-14.49	AVG
3	5460.000	55.48	-4.26	51.22	74.00	-22.78	peak
4	5470.000	54.94	-4.26	50.68	68.20	-17.52	peak
5	5500.000	101.38	-4.22	97.16	---	---	peak
6	5725.000	55.09	-3.68	51.41	68.20	-16.79	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:	5500 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



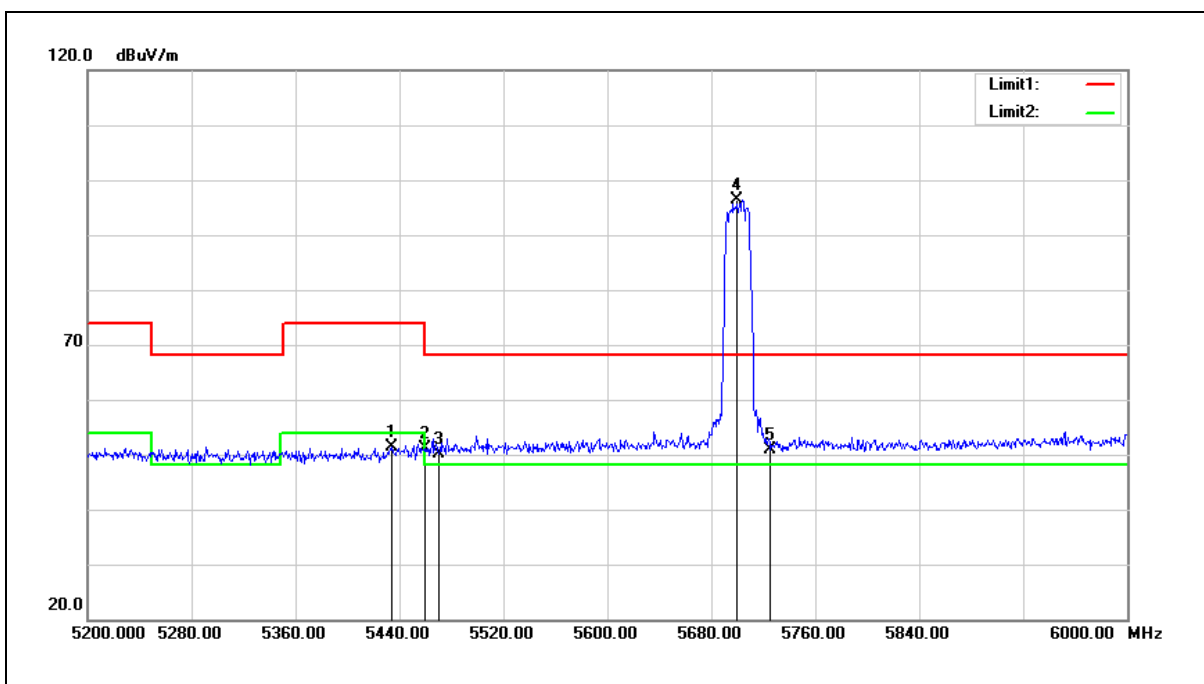
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5415.200	56.06	-4.32	51.74	74.00	-22.26	peak
2	5460.000	55.64	-4.26	51.38	74.00	-22.62	peak
3	5470.000	54.84	-4.26	50.58	68.20	-17.62	peak
4	5500.000	101.63	-4.22	97.41	---	---	peak
5	5725.000	55.28	-3.68	51.60	68.20	-16.60	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:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Horizontal		



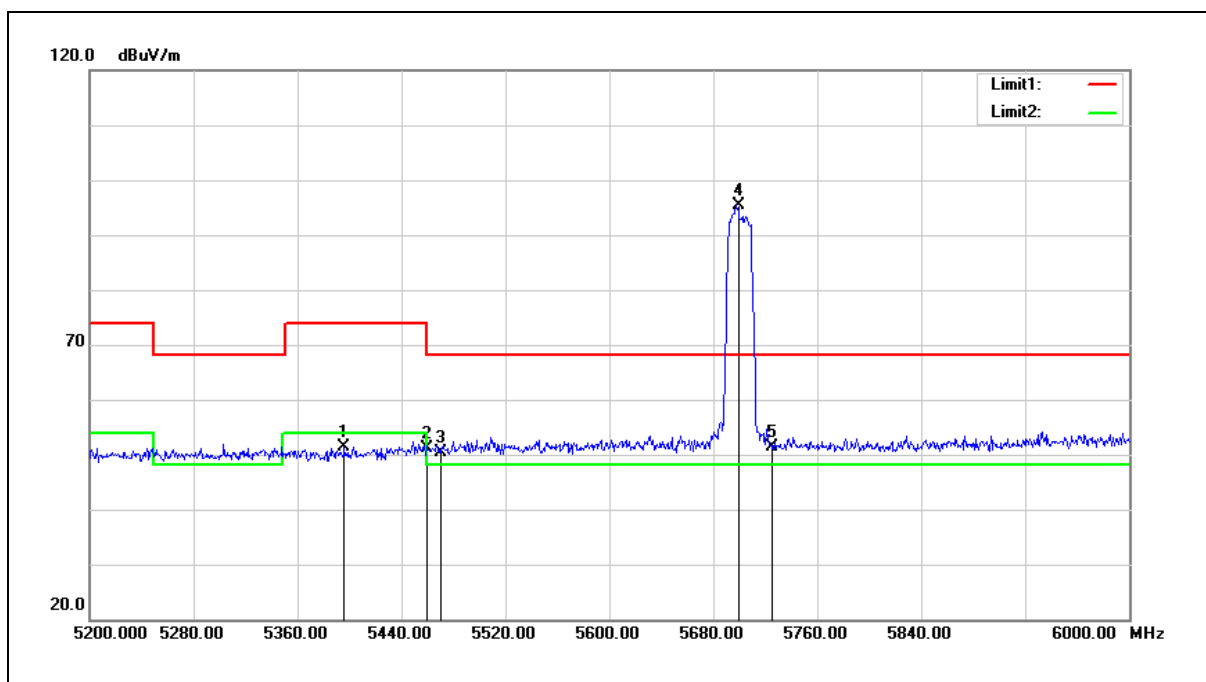
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5434.400	55.80	-4.30	51.50	74.00	-22.50	peak
2	5460.000	55.28	-4.26	51.02	74.00	-22.98	peak
3	5470.000	54.37	-4.26	50.11	68.20	-18.09	peak
4	5700.000	100.00	-3.74	96.26	---	---	peak
5	5725.000	54.48	-3.68	50.80	68.20	-17.40	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:	5700 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 6		
Ant.Polar.:	Vertical		



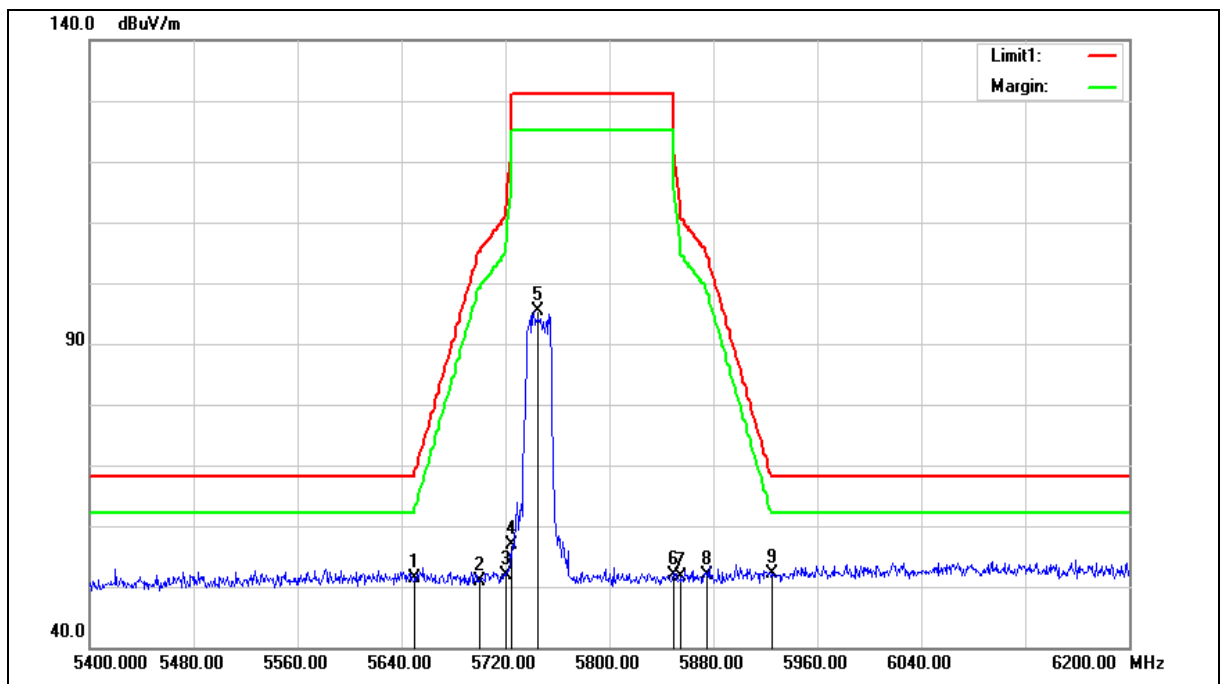
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5396.000	55.71	-4.35	51.36	74.00	-22.64	peak
2	5460.000	55.40	-4.26	51.14	74.00	-22.86	peak
3	5470.000	54.71	-4.26	50.45	68.20	-17.75	peak
4	5700.000	99.19	-3.74	95.45	---	---	peak
5	5725.000	55.09	-3.68	51.41	68.20	-16.79	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		

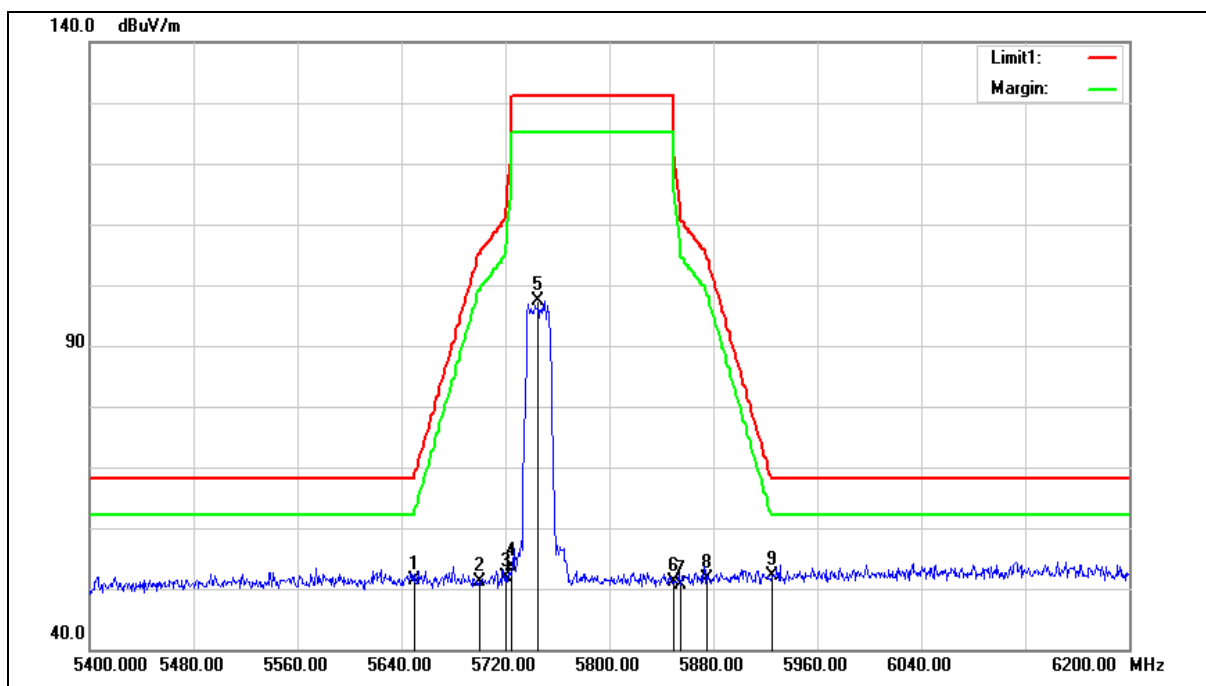
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.21	-3.87	51.34	68.20	-16.86	peak
2	5700.000	54.68	-3.74	50.94	105.20	-54.26	peak
3	5720.000	55.60	-3.70	51.90	110.80	-58.90	peak
4	5725.000	60.59	-3.68	56.91	122.20	-65.29	peak
5	5745.000	98.93	-3.63	95.30	---	---	peak
6	5850.000	55.22	-3.35	51.87	122.20	-70.33	peak
7	5855.000	55.02	-3.34	51.68	110.80	-59.12	peak
8	5875.000	55.19	-3.28	51.91	105.20	-53.29	peak
9	5925.000	55.29	-3.15	52.14	68.20	-16.06	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:	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		

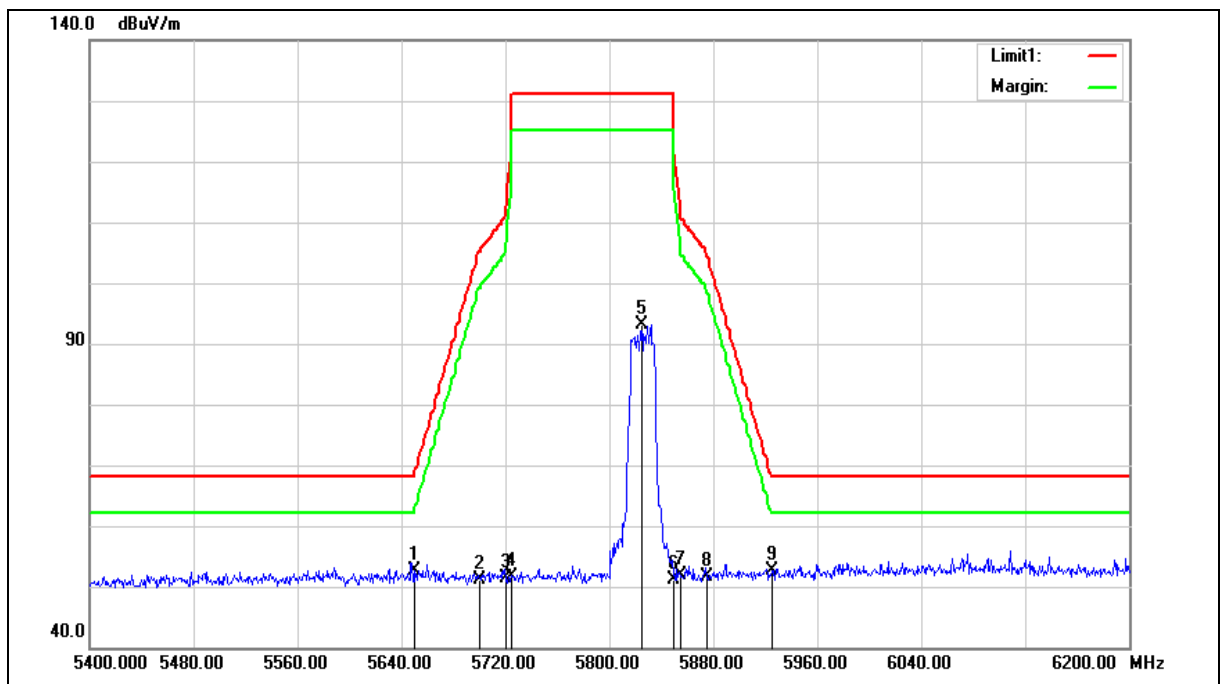
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.34	-3.87	51.47	68.20	-16.73	peak
2	5700.000	54.78	-3.74	51.04	105.20	-54.16	peak
3	5720.000	55.58	-3.70	51.88	110.80	-58.92	peak
4	5725.000	57.30	-3.68	53.62	122.20	-68.58	peak
5	5745.000	101.12	-3.63	97.49	---	---	peak
6	5850.000	54.43	-3.35	51.08	122.20	-71.12	peak
7	5855.000	54.06	-3.34	50.72	110.80	-60.08	peak
8	5875.000	55.01	-3.28	51.73	105.20	-53.47	peak
9	5925.000	55.38	-3.15	52.23	68.20	-15.97	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:	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		

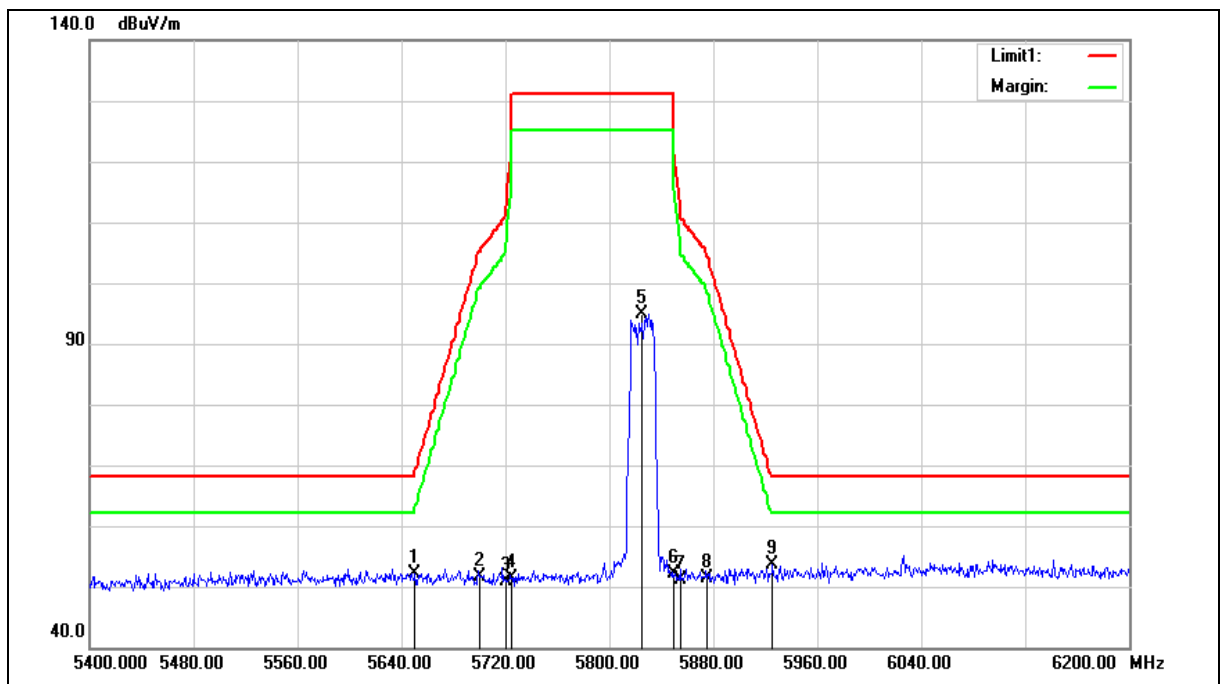
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	56.59	-3.87	52.72	68.20	-15.48	peak
2	5700.000	54.99	-3.74	51.25	105.20	-53.95	peak
3	5720.000	55.03	-3.70	51.33	110.80	-59.47	peak
4	5725.000	55.42	-3.68	51.74	122.20	-70.46	peak
5	5825.000	96.57	-3.42	93.15	---	---	peak
6	5850.000	54.39	-3.35	51.04	122.20	-71.16	peak
7	5855.000	55.18	-3.34	51.84	110.80	-58.96	peak
8	5875.000	54.89	-3.28	51.61	105.20	-53.59	peak
9	5925.000	55.78	-3.15	52.63	68.20	-15.57	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		

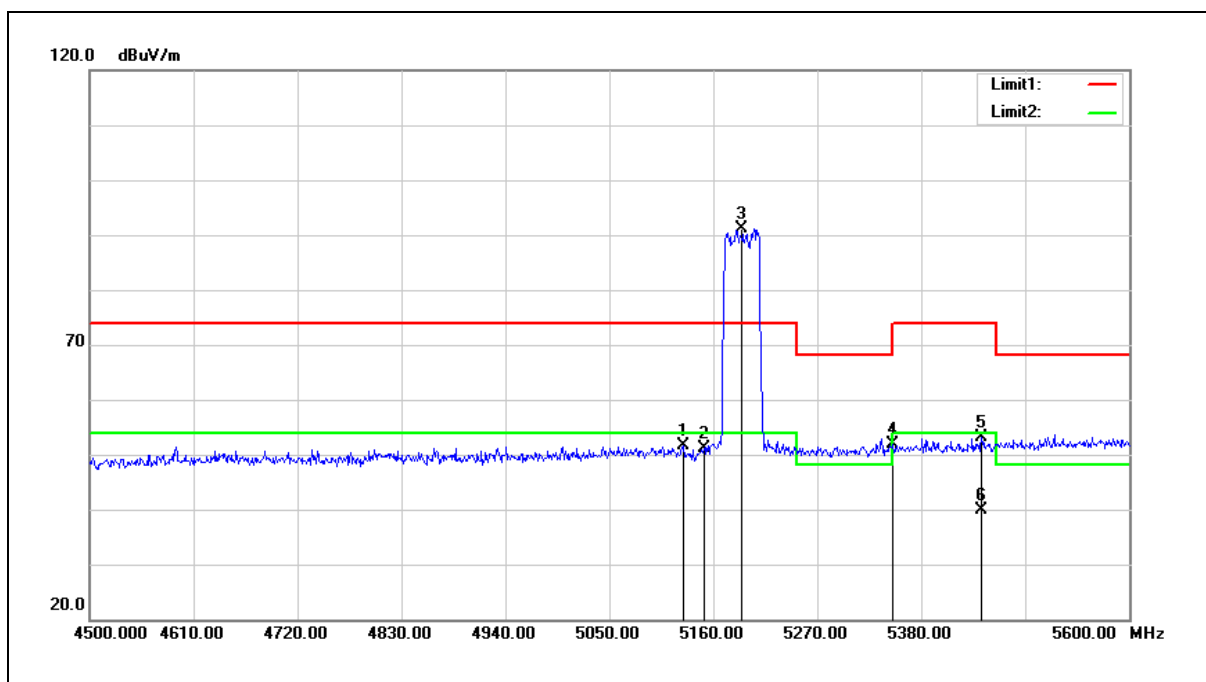
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.97	-3.87	52.10	68.20	-16.10	peak
2	5700.000	55.48	-3.74	51.74	105.20	-53.46	peak
3	5720.000	54.51	-3.70	50.81	110.80	-59.99	peak
4	5725.000	54.94	-3.68	51.26	122.20	-70.94	peak
5	5825.000	98.34	-3.42	94.92	---	---	peak
6	5850.000	55.53	-3.35	52.18	122.20	-70.02	peak
7	5855.000	54.55	-3.34	51.21	110.80	-59.59	peak
8	5875.000	54.75	-3.28	51.47	105.20	-53.73	peak
9	5925.000	56.87	-3.15	53.72	68.20	-14.48	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 7		
Ant.Polar.:	Horizontal		



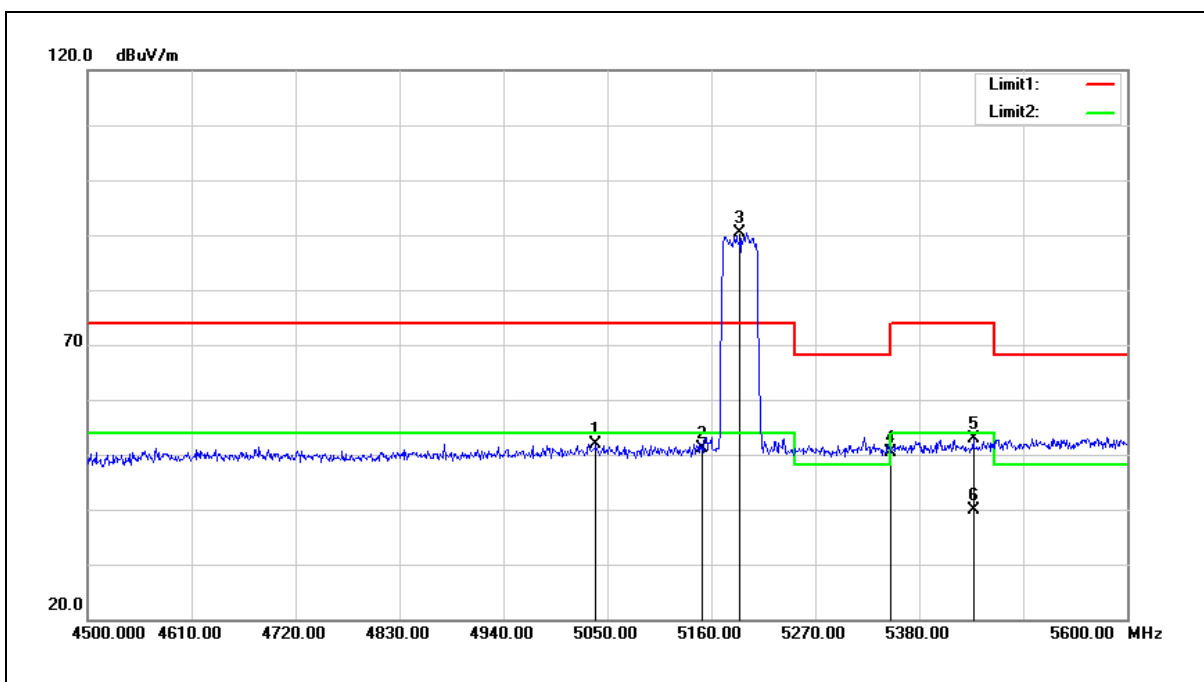
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5128.100	56.57	-4.98	51.59	74.00	-22.41	peak
2	5150.000	56.07	-4.95	51.12	74.00	-22.88	peak
3	5190.000	95.89	-4.88	91.01	---	---	peak
4	5350.000	56.27	-4.47	51.80	74.00	-22.20	peak
5	5443.800	57.45	-4.28	53.17	74.00	-20.83	peak
6	5443.800	44.21	-4.28	39.93	54.00	-14.07	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:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5190 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



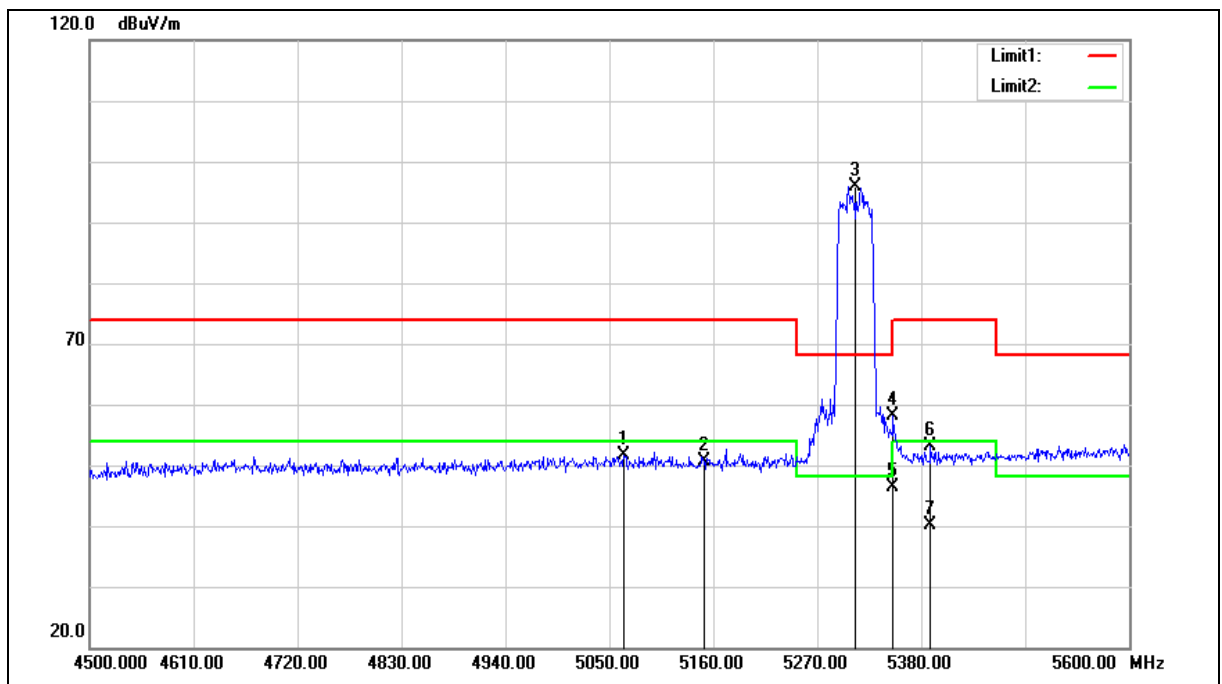
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5037.900	56.99	-5.14	51.85	74.00	-22.15	peak
2	5150.000	56.02	-4.95	51.07	74.00	-22.93	peak
3	5190.000	95.22	-4.88	90.34	---	---	peak
4	5350.000	54.93	-4.47	50.46	74.00	-23.54	peak
5	5437.200	57.06	-4.30	52.76	74.00	-21.24	peak
6	5437.200	44.17	-4.30	39.87	54.00	-14.13	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5310 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:	5310 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		

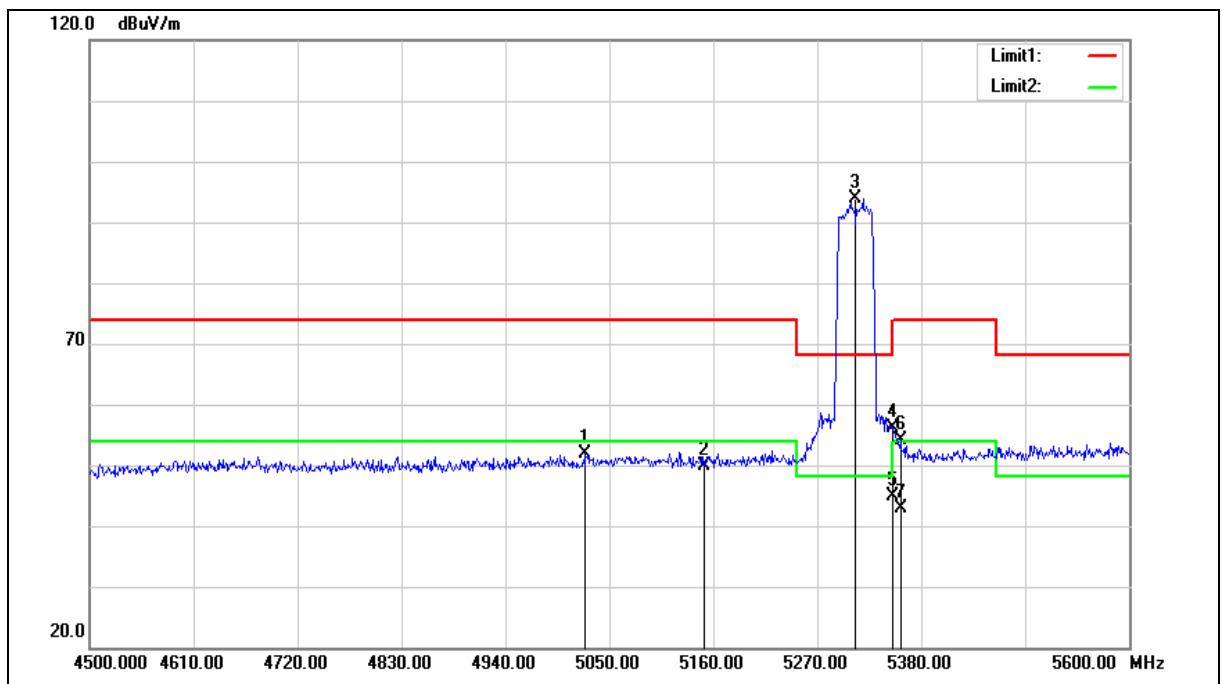
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5065.400	56.81	-5.09	51.72	74.00	-22.28	peak
2	5150.000	55.59	-4.95	50.64	74.00	-23.36	peak
3	5310.000	100.36	-4.57	95.79	---	---	peak
4	5350.000	62.68	-4.47	58.21	74.00	-15.79	peak
5	5350.000	50.78	-4.47	46.31	54.00	-7.69	AVG
6	5389.900	57.40	-4.37	53.03	74.00	-20.97	peak
7	5389.900	44.45	-4.37	40.08	54.00	-13.92	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5310 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:	5310 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		

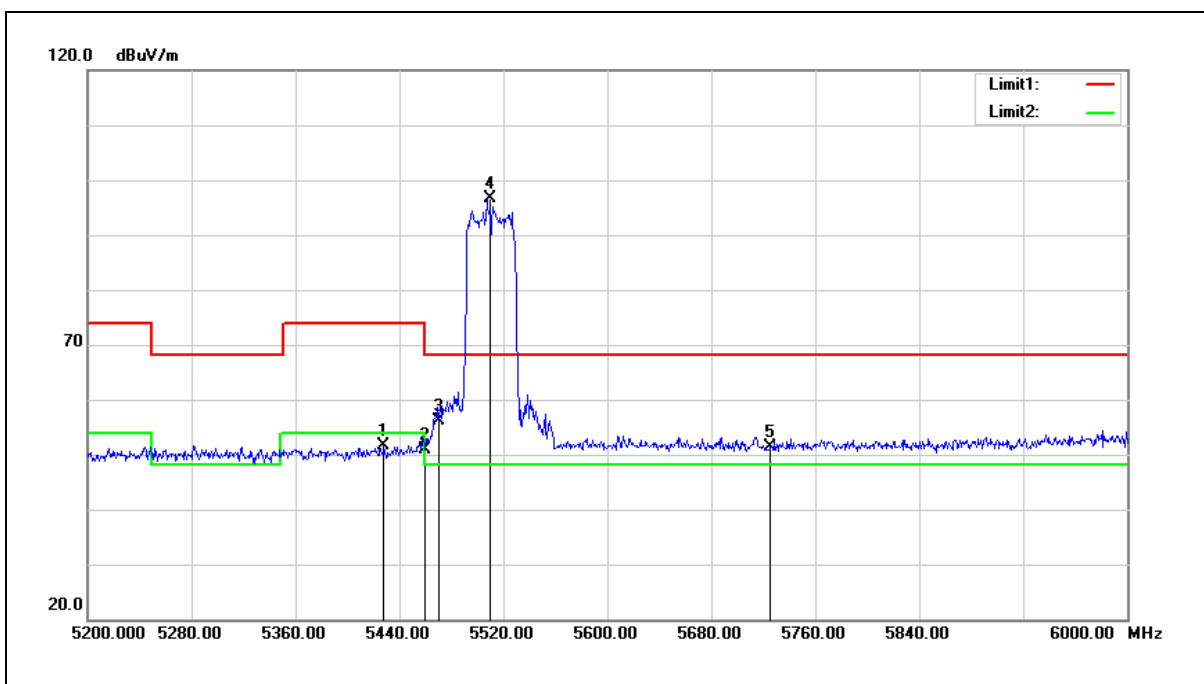
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5024.700	56.99	-5.16	51.83	74.00	-22.17	peak
2	5150.000	54.89	-4.95	49.94	74.00	-24.06	peak
3	5310.000	98.51	-4.57	93.94	---	---	peak
4	5350.000	60.49	-4.47	56.02	74.00	-17.98	peak
5	5350.000	49.26	-4.47	44.79	54.00	-9.21	AVG
6	5358.000	58.47	-4.45	54.02	74.00	-19.98	peak
7	5358.000	47.23	-4.45	42.78	54.00	-11.22	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:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



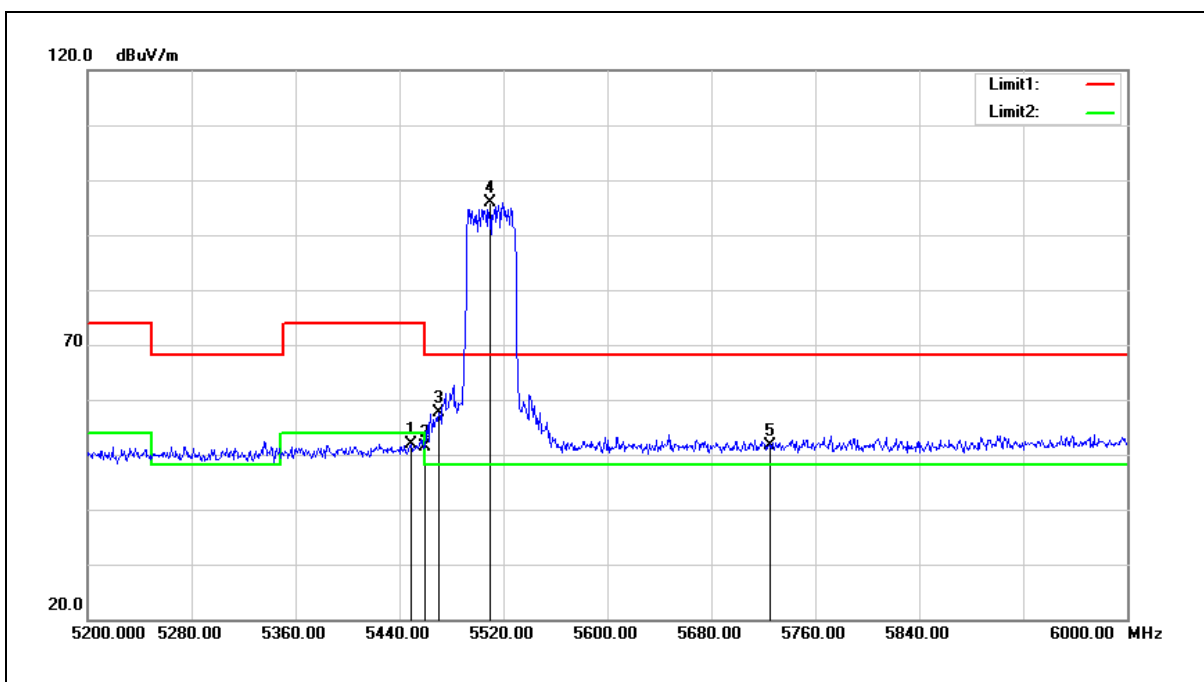
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5428.000	55.88	-4.30	51.58	74.00	-22.42	peak
2	5460.000	55.04	-4.26	50.78	74.00	-23.22	peak
3	5470.000	60.49	-4.26	56.23	68.20	-11.97	peak
4	5510.000	100.81	-4.19	96.62	---	---	peak
5	5725.000	55.10	-3.68	51.42	68.20	-16.78	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:	5510 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



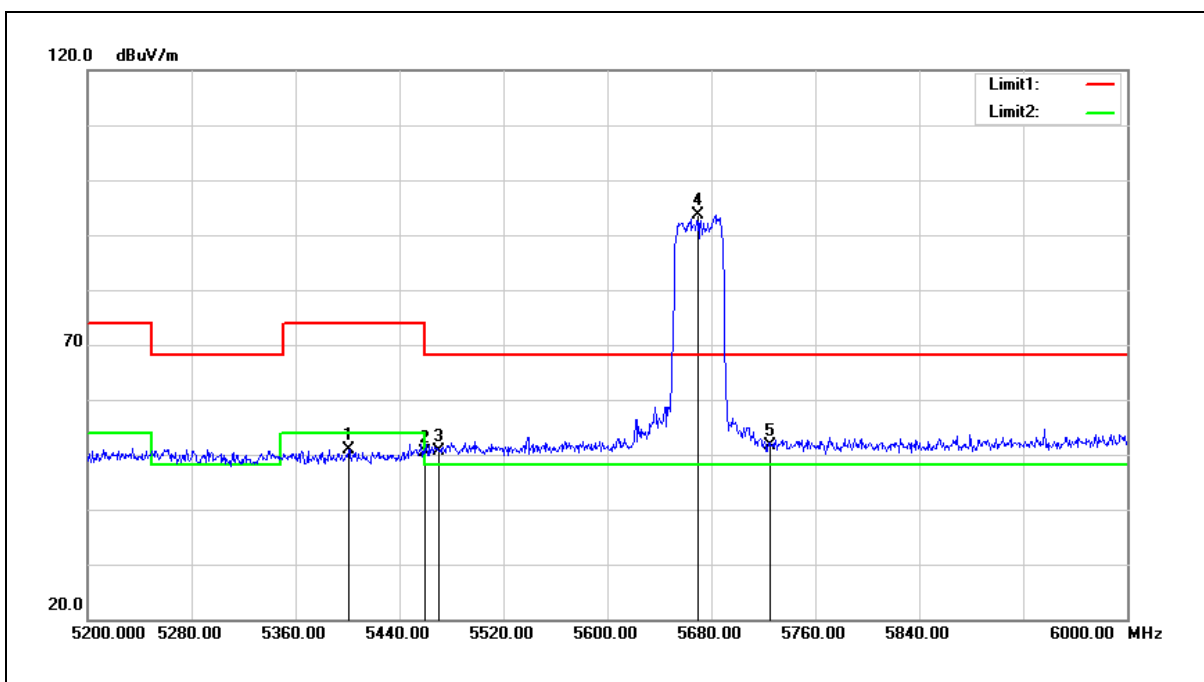
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5448.800	56.20	-4.28	51.92	74.00	-22.08	peak
2	5460.000	55.62	-4.26	51.36	74.00	-22.64	peak
3	5470.000	61.79	-4.26	57.53	68.20	-10.67	peak
4	5510.000	99.97	-4.19	95.78	---	---	peak
5	5725.000	55.38	-3.68	51.70	68.20	-16.50	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:	5670 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		



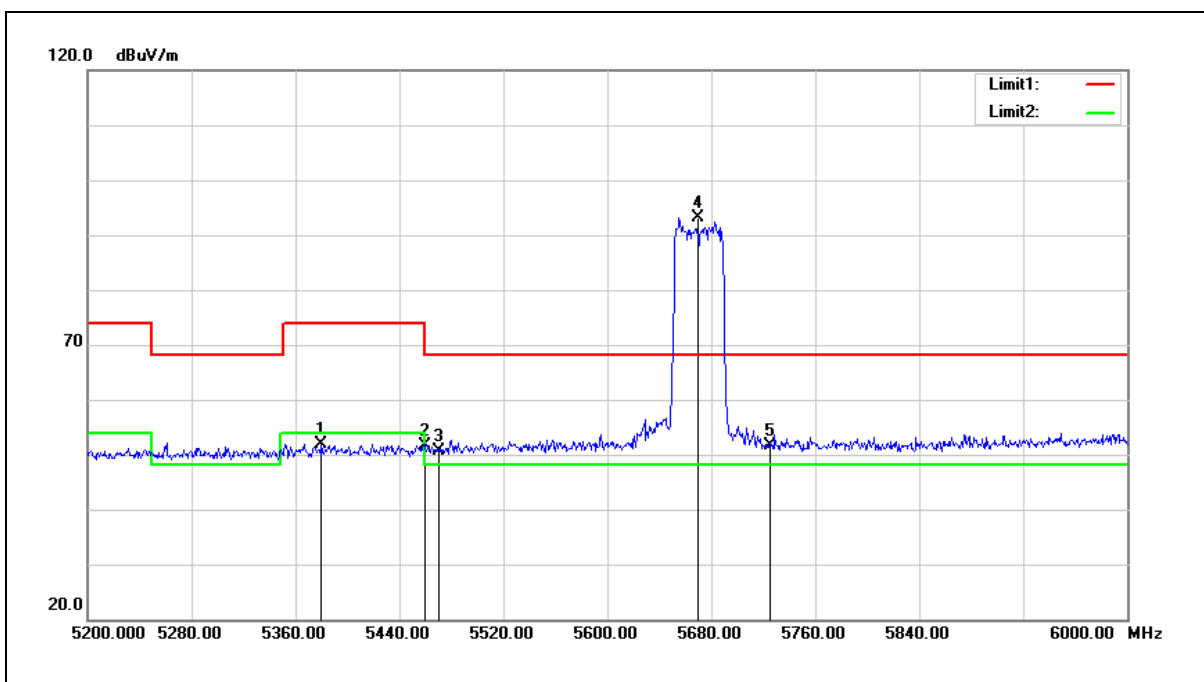
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5400.800	55.23	-4.34	50.89	74.00	-23.11	peak
2	5460.000	54.53	-4.26	50.27	74.00	-23.73	peak
3	5470.000	55.00	-4.26	50.74	68.20	-17.46	peak
4	5670.000	97.56	-3.82	93.74	---	---	peak
5	5725.000	55.29	-3.68	51.61	68.20	-16.59	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.

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5670 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Vertical		



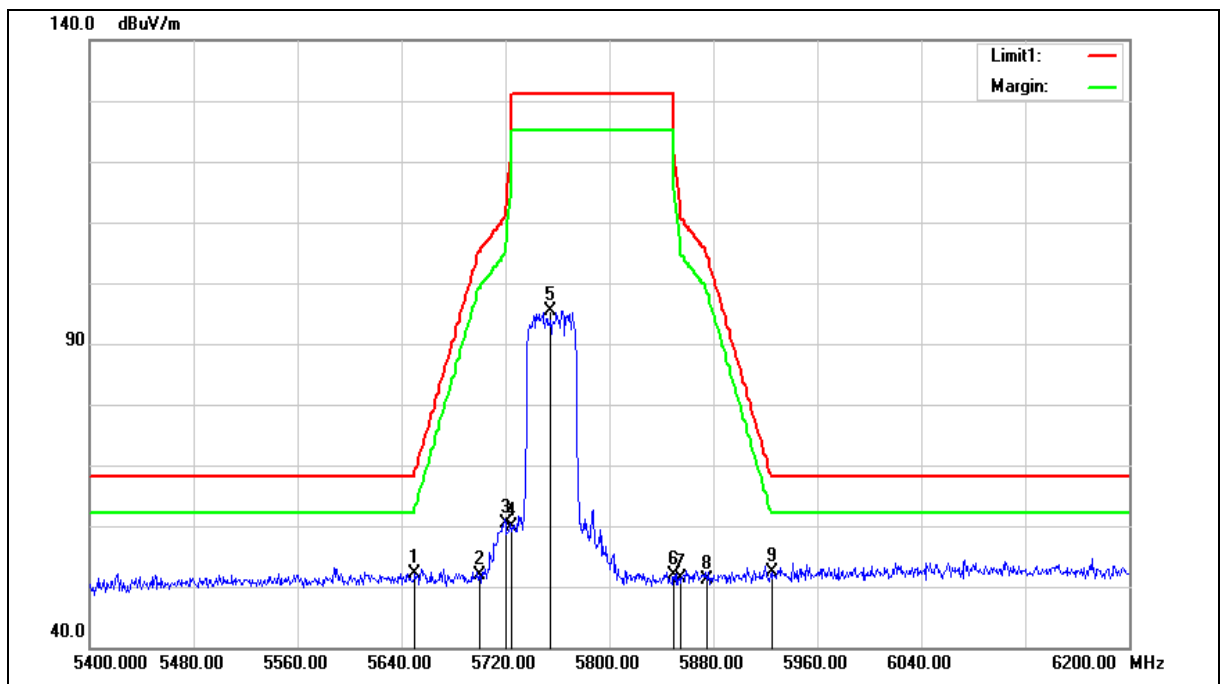
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5380.000	56.30	-4.39	51.91	74.00	-22.09	peak
2	5460.000	55.89	-4.26	51.63	74.00	-22.37	peak
3	5470.000	54.97	-4.26	50.71	68.20	-17.49	peak
4	5670.000	97.07	-3.82	93.25	---	---	peak
5	5725.000	55.37	-3.68	51.69	68.20	-16.51	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:	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 7		
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 7		
Ant.Polar.:	Horizontal		

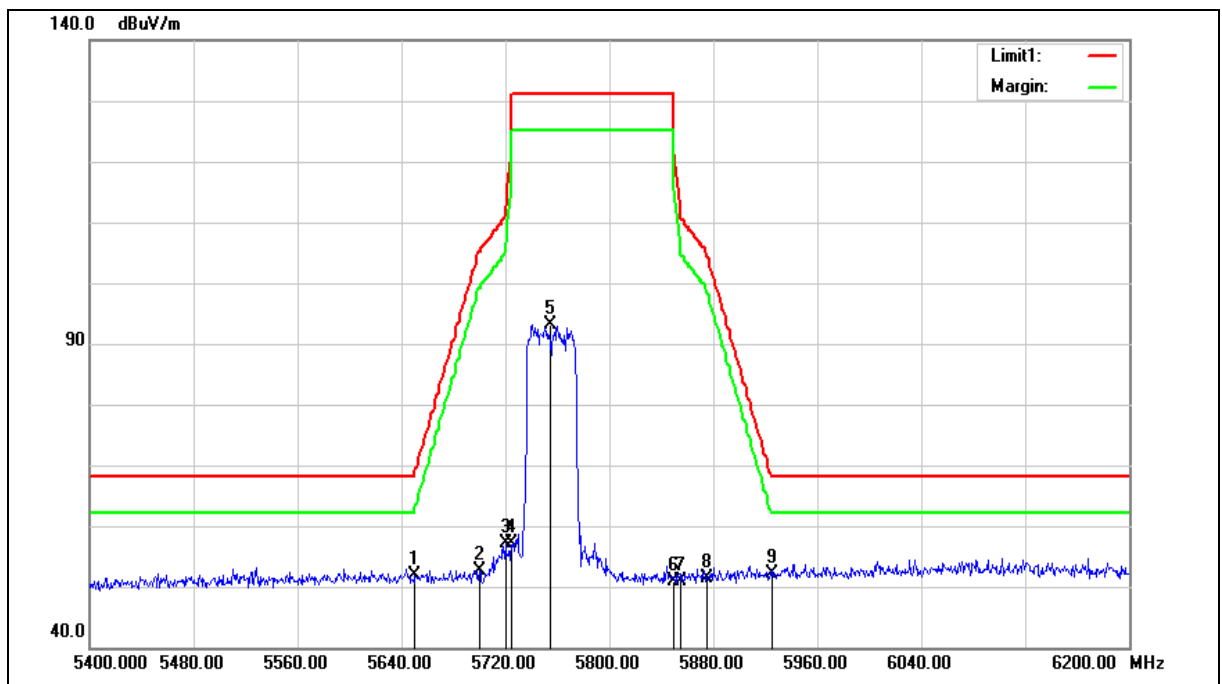
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.98	-3.87	52.11	68.20	-16.09	peak
2	5700.000	55.53	-3.74	51.79	105.20	-53.41	peak
3	5720.000	63.97	-3.70	60.27	110.80	-50.53	peak
4	5725.000	63.66	-3.68	59.98	122.20	-62.22	peak
5	5755.000	99.04	-3.60	95.44	---	---	peak
6	5850.000	55.22	-3.35	51.87	122.20	-70.33	peak
7	5855.000	54.70	-3.34	51.36	110.80	-59.44	peak
8	5875.000	54.36	-3.28	51.08	105.20	-54.12	peak
9	5925.000	55.42	-3.15	52.27	68.20	-15.93	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 7		
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 7		
Ant.Polar.:	Vertical		

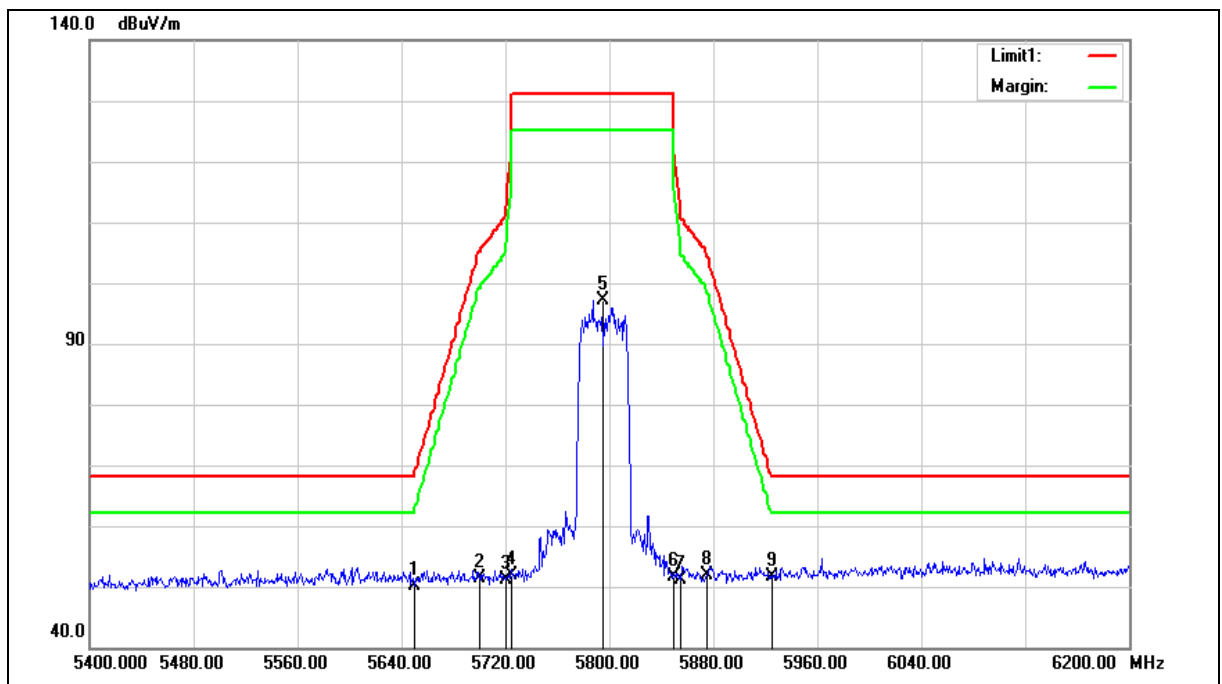
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.86	-3.87	51.99	68.20	-16.21	peak
2	5700.000	56.33	-3.74	52.59	105.20	-52.61	peak
3	5720.000	60.84	-3.70	57.14	110.80	-53.66	peak
4	5725.000	60.93	-3.68	57.25	122.20	-64.95	peak
5	5755.000	96.61	-3.60	93.01	---	---	peak
6	5850.000	54.20	-3.35	50.85	122.20	-71.35	peak
7	5855.000	54.18	-3.34	50.84	110.80	-59.96	peak
8	5875.000	54.74	-3.28	51.46	105.20	-53.74	peak
9	5925.000	55.31	-3.15	52.16	68.20	-16.04	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:	5795 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:	5795 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 7		
Ant.Polar.:	Horizontal		

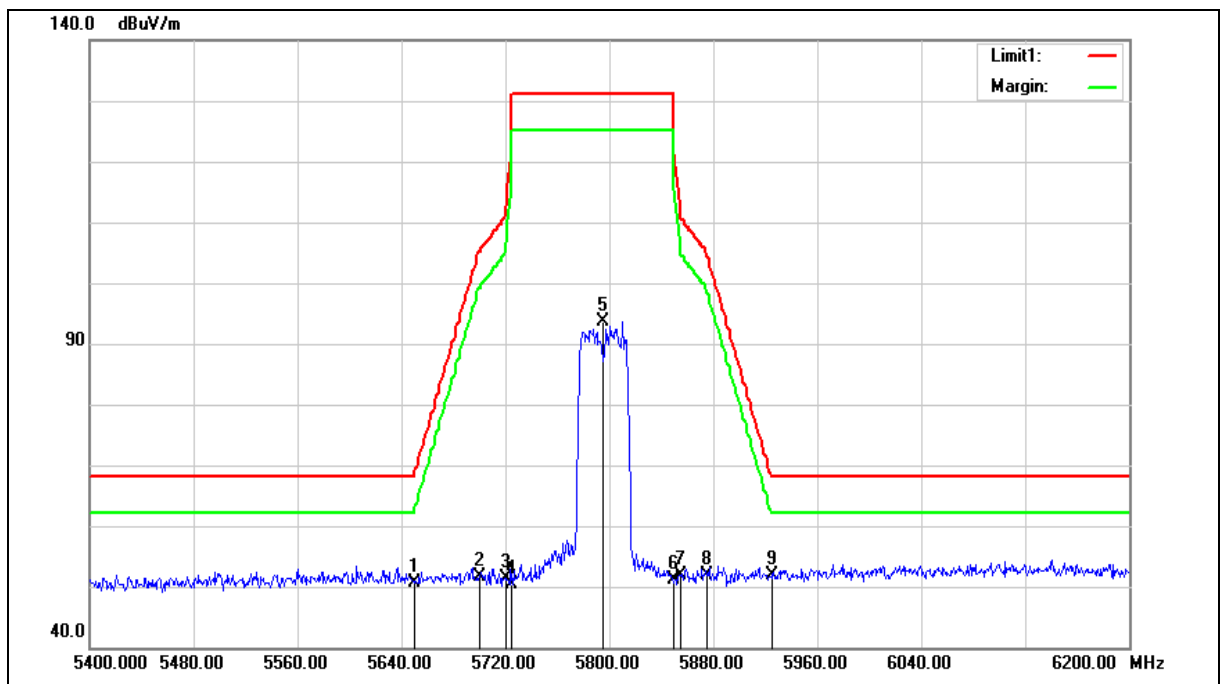
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	54.09	-3.87	50.22	68.20	-17.98	peak
2	5700.000	55.03	-3.74	51.29	105.20	-53.91	peak
3	5720.000	54.92	-3.70	51.22	110.80	-59.58	peak
4	5725.000	55.56	-3.68	51.88	122.20	-70.32	peak
5	5795.000	100.66	-3.50	97.16	---	---	peak
6	5850.000	55.08	-3.35	51.73	122.20	-70.47	peak
7	5855.000	54.44	-3.34	51.10	110.80	-59.70	peak
8	5875.000	55.16	-3.28	51.88	105.20	-53.32	peak
9	5925.000	54.82	-3.15	51.67	68.20	-16.53	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 7		
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 7		
Ant.Polar.:	Vertical		

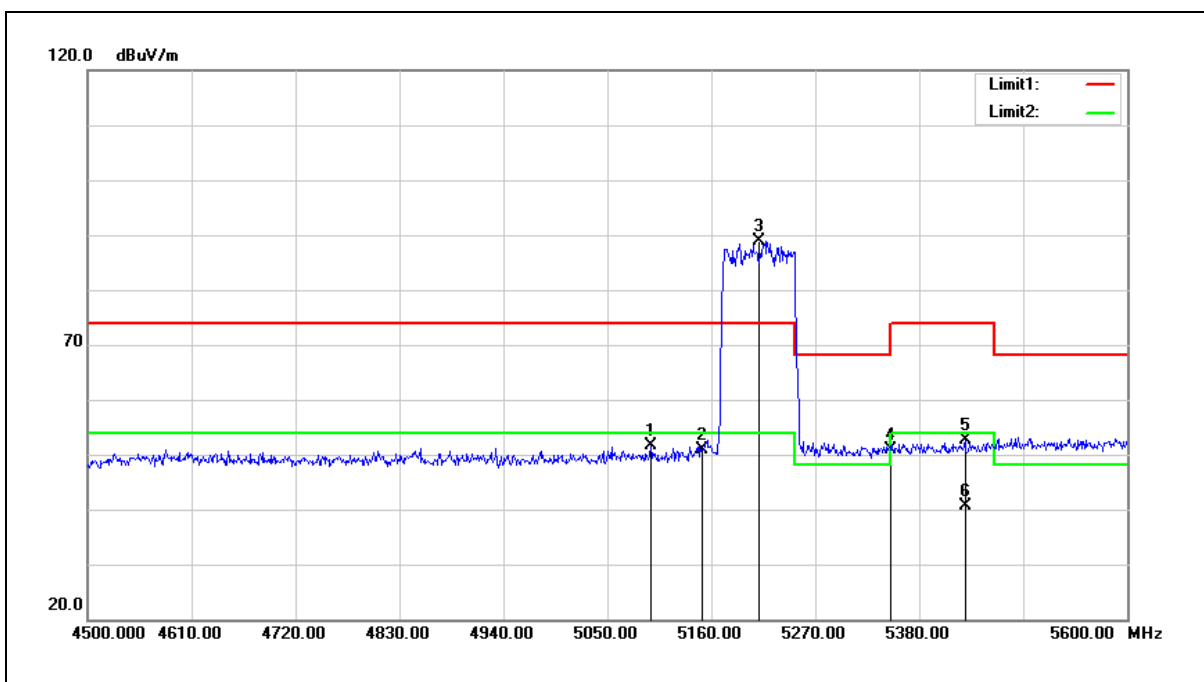
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	54.55	-3.87	50.68	68.20	-17.52	peak
2	5700.000	55.38	-3.74	51.64	105.20	-53.56	peak
3	5720.000	55.17	-3.70	51.47	110.80	-59.33	peak
4	5725.000	54.15	-3.68	50.47	122.20	-71.73	peak
5	5795.000	97.15	-3.50	93.65	---	---	peak
6	5850.000	54.41	-3.35	51.06	122.20	-71.14	peak
7	5855.000	55.19	-3.34	51.85	110.80	-58.95	peak
8	5875.000	55.06	-3.28	51.78	105.20	-53.42	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 10		
Ant.Polar.:	Horizontal		



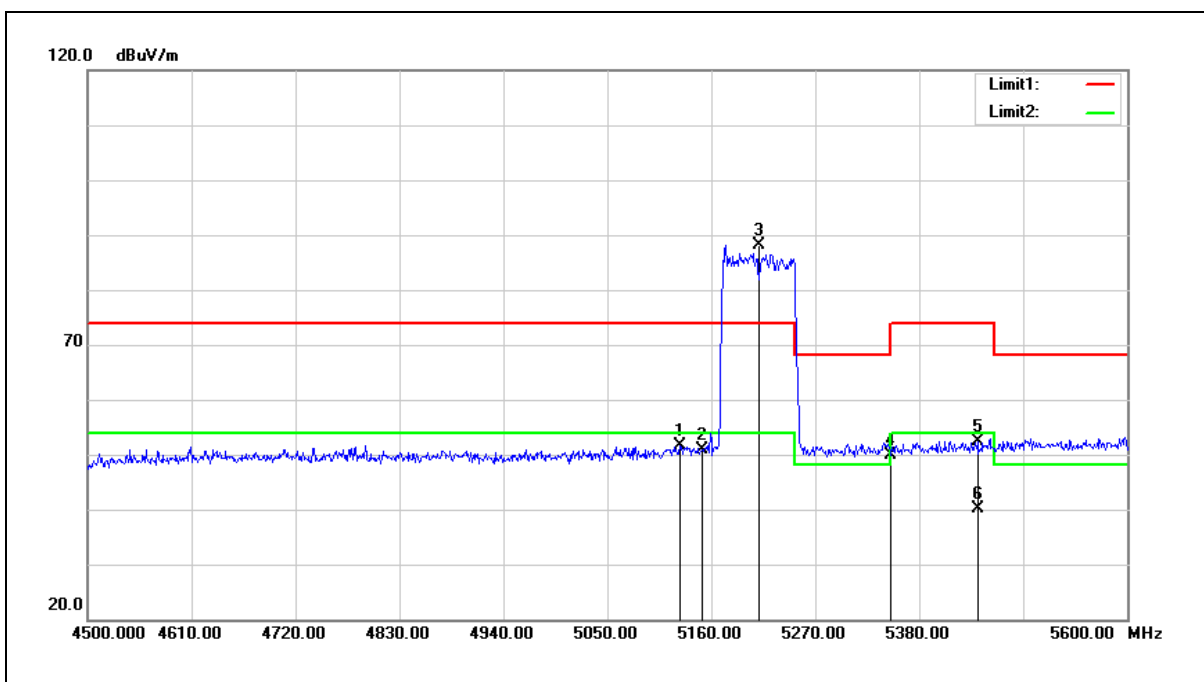
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5096.200	56.74	-5.03	51.71	74.00	-22.29	peak
2	5150.000	55.78	-4.95	50.83	74.00	-23.17	peak
3	5210.000	93.71	-4.83	88.88	---	---	peak
4	5350.000	55.36	-4.47	50.89	74.00	-23.11	peak
5	5428.400	57.03	-4.30	52.73	74.00	-21.27	peak
6	5428.400	44.88	-4.30	40.58	54.00	-13.42	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:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Vertical		



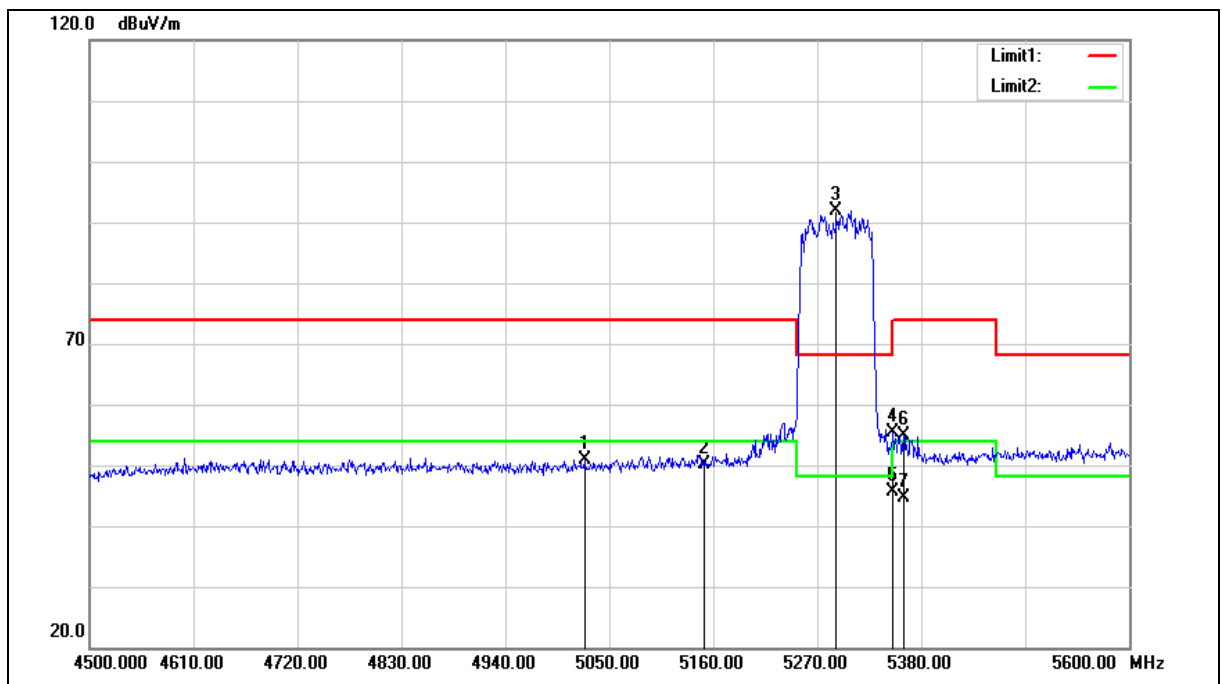
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5127.000	56.60	-4.98	51.62	74.00	-22.38	peak
2	5150.000	55.90	-4.95	50.95	74.00	-23.05	peak
3	5210.000	92.86	-4.83	88.03	---	---	peak
4	5350.000	54.46	-4.47	49.99	74.00	-24.01	peak
5	5441.600	56.78	-4.30	52.48	74.00	-21.52	peak
6	5441.600	44.32	-4.30	40.02	54.00	-13.98	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:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5290 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5290 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

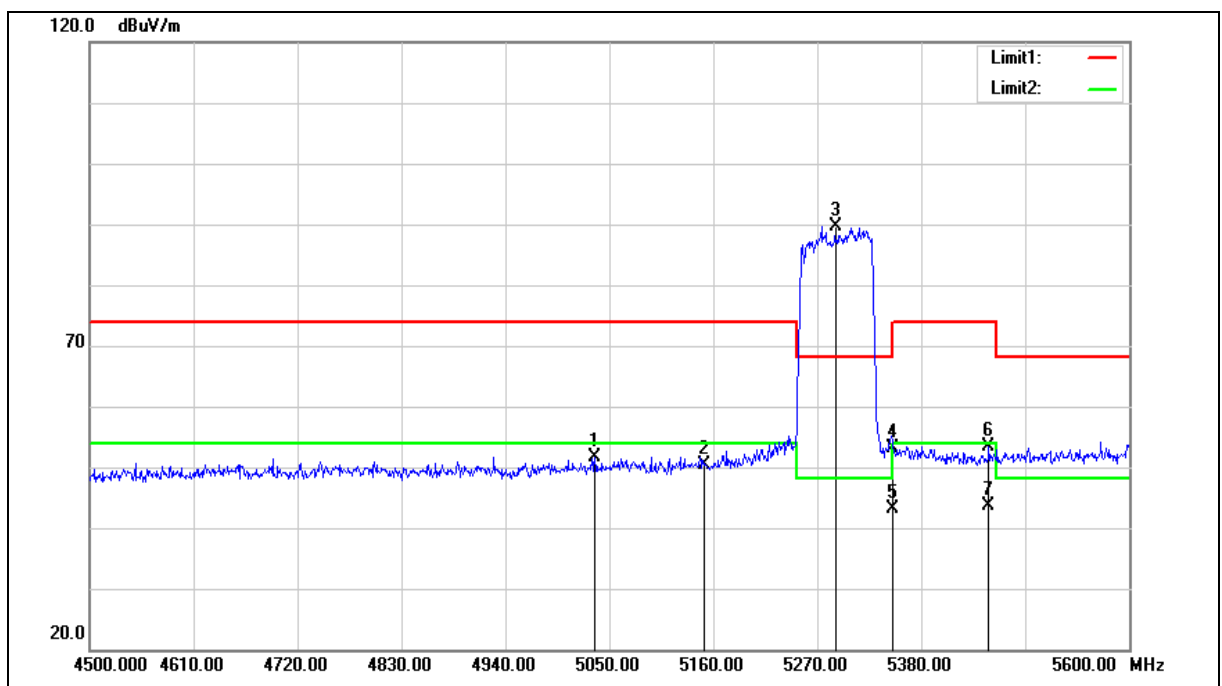
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5023.600	55.97	-5.16	50.81	74.00	-23.19	peak
2	5150.000	55.00	-4.95	50.05	74.00	-23.95	peak
3	5290.000	96.44	-4.63	91.81	---	---	peak
4	5350.000	59.84	-4.47	55.37	74.00	-18.63	peak
5	5350.000	50.12	-4.47	45.65	54.00	-8.35	AVG
6	5361.300	59.24	-4.44	54.80	74.00	-19.20	peak
7	5361.300	48.99	-4.44	44.55	54.00	-9.45	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:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5290 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5290 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Vertical		

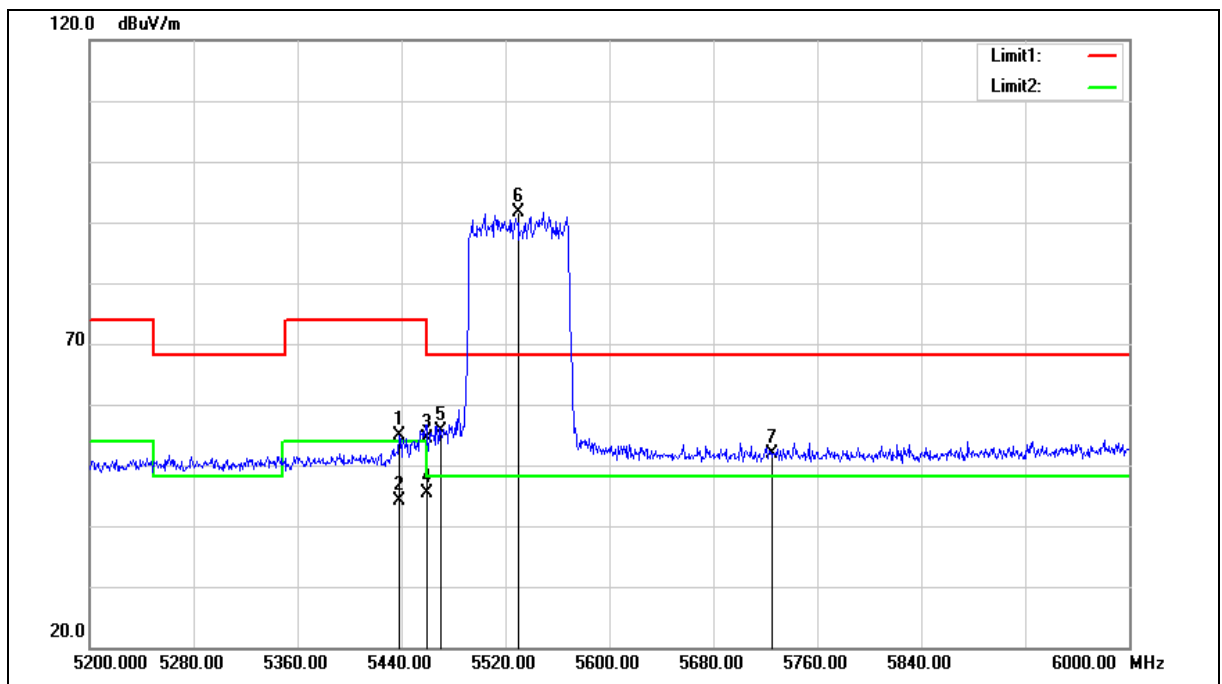
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5034.600	56.79	-5.14	51.65	74.00	-22.35	peak
2	5150.000	55.40	-4.95	50.45	74.00	-23.55	peak
3	5290.000	94.17	-4.63	89.54	---	---	peak
4	5350.000	57.71	-4.47	53.24	74.00	-20.76	peak
5	5350.000	47.48	-4.47	43.01	54.00	-10.99	AVG
6	5451.500	57.77	-4.28	53.49	74.00	-20.51	peak
7	5451.500	47.80	-4.28	43.52	54.00	-10.48	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:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5530 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5530 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

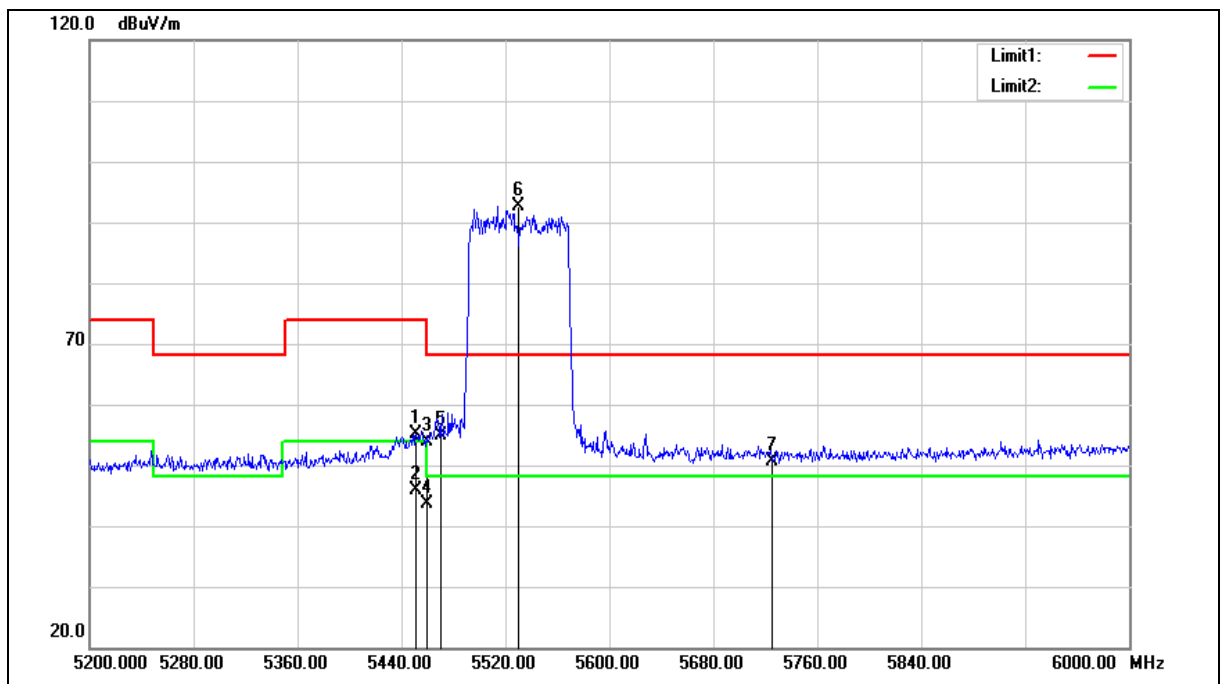
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5438.400	59.13	-4.30	54.83	74.00	-19.17	peak
2	5438.400	48.31	-4.30	44.01	54.00	-9.99	AVG
3	5460.000	58.52	-4.26	54.26	74.00	-19.74	peak
4	5460.000	49.71	-4.26	45.45	54.00	-8.55	AVG
5	5470.000	59.89	-4.26	55.63	68.20	-12.57	peak
6	5530.000	95.79	-4.15	91.64	---	---	peak
7	5725.000	55.59	-3.68	51.91	68.20	-16.29	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:	5530 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5530 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Vertical		

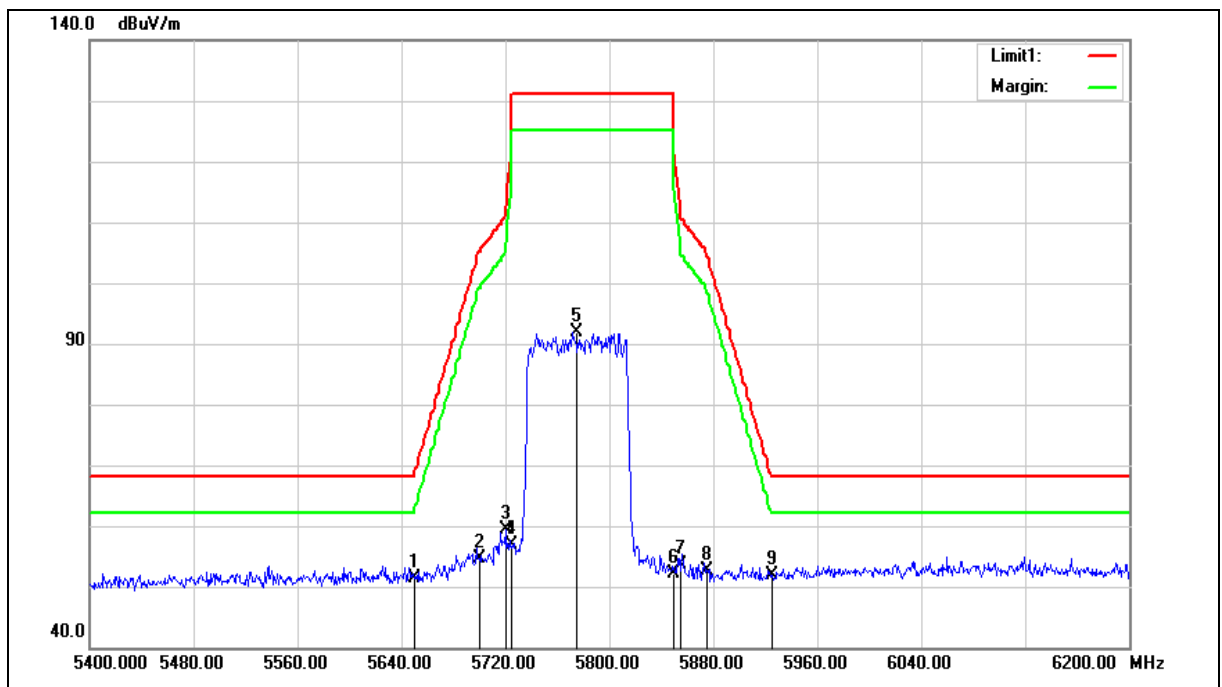
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5451.200	59.32	-4.28	55.04	74.00	-18.96	peak
2	5451.200	50.13	-4.28	45.85	54.00	-8.15	AVG
3	5460.000	58.09	-4.26	53.83	74.00	-20.17	peak
4	5460.000	47.79	-4.26	43.53	54.00	-10.47	AVG
5	5470.000	59.07	-4.26	54.81	68.20	-13.39	peak
6	5530.000	96.81	-4.15	92.66	---	---	peak
7	5725.000	54.29	-3.68	50.61	68.20	-17.59	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.

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 10		
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 10		
Ant.Polar.:	Horizontal		

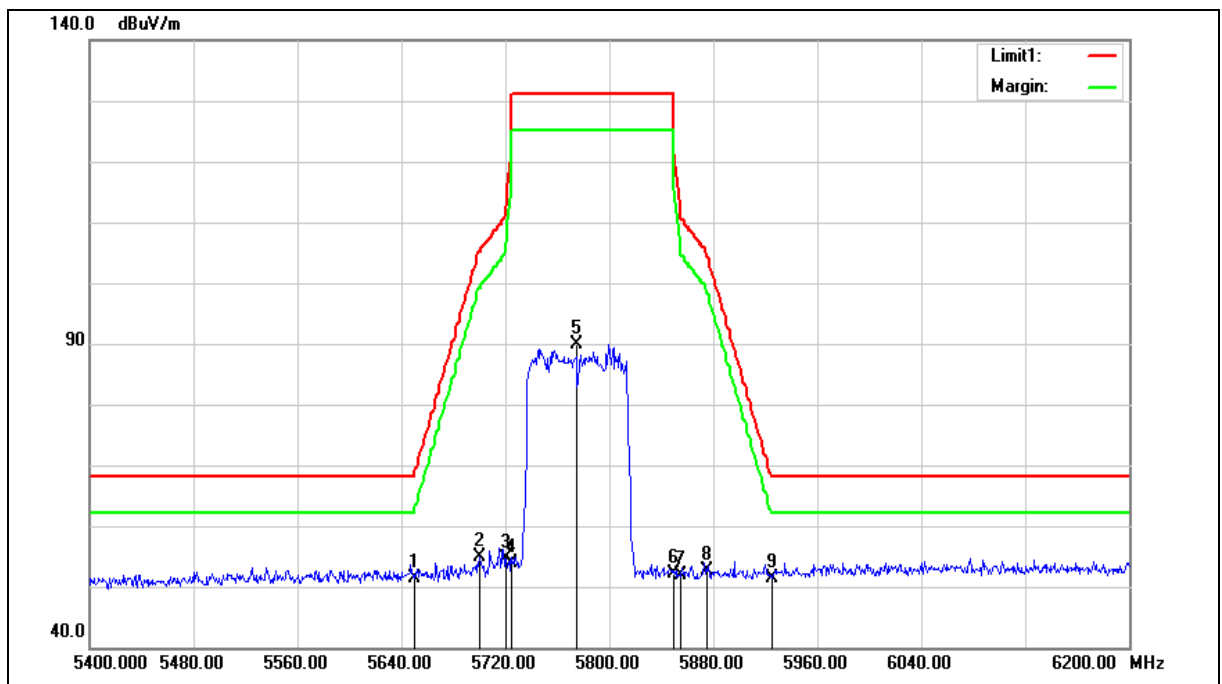
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.20	-3.87	51.33	68.20	-16.87	peak
2	5700.000	58.33	-3.74	54.59	105.20	-50.61	peak
3	5720.000	62.96	-3.70	59.26	110.80	-51.54	peak
4	5725.000	60.54	-3.68	56.86	122.20	-65.34	peak
5	5775.000	95.36	-3.55	91.81	---	---	peak
6	5850.000	55.60	-3.35	52.25	122.20	-69.95	peak
7	5855.000	57.03	-3.34	53.69	110.80	-57.11	peak
8	5875.000	55.97	-3.28	52.69	105.20	-52.51	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 10		
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 10		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5650.000	55.30	-3.87	51.43	68.20	-16.77	peak
2	5700.000	58.54	-3.74	54.80	105.20	-50.40	peak
3	5720.000	58.26	-3.70	54.56	110.80	-56.24	peak
4	5725.000	57.58	-3.68	53.90	122.20	-68.30	peak
5	5775.000	93.49	-3.55	89.94	---	---	peak
6	5850.000	55.55	-3.35	52.20	122.20	-70.00	peak
7	5855.000	55.30	-3.34	51.96	110.80	-58.84	peak
8	5875.000	55.86	-3.28	52.58	105.20	-52.62	peak
9	5925.000	54.64	-3.15	51.49	68.20	-16.71	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.

4.3.2 最大傳導輸出功率之量測

合格標準:

依據 NCC 低功率射頻電機技術規範(LP0002)之 4.7.3 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 1W。
- 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 17dBm。
- 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 1W。
- 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 17dBm。
- 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 1W。
- 在任何 1MHz 頻帶中最大功率頻譜密度不能超過 17dBm。
- 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 250mW。
- 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 5.470-5.725 GHz 頻帶

- (1) 最大傳導輸出功率不能超過 250mW 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 1MHz 頻帶中不能超過 11dBm。
- (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. 5.725-5.850GHz 頻帶

- (1) 最大傳導輸出功率不能超過 1W。
- (2) 在任何 500 kHz 頻帶中最大功率頻譜密度不能超過 30dBm。
- (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 U-NII

Diversity Mode

Directional Gain = Max. Gain = 5.08 dBi < 6 dBi

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

MIMO Mode

Band I : Directional Gain = $10 \cdot \log(10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(GN/20)})^2 / N$ = 7.55 dBi > 6 dBi

Power Limit = 24 - 1.55 = 22.45 dBm

Band II-A : Directional Gain = $10 \cdot \log(10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(GN/20)})^2 / N$ = 6.85 dBi > 6 dBi

Power Limit = 24 - 0.85 = 23.15 dBm

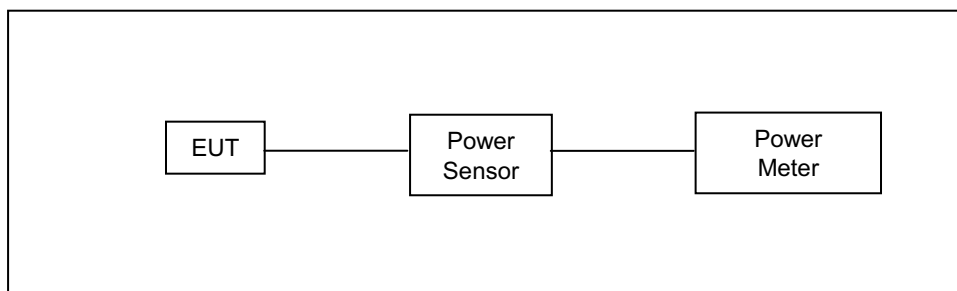
Band II-C : Directional Gain = $10 \cdot \log(10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(GN/20)})^2 / N$ = 7.92 dBi > 6 dBi

Power Limit = 24 - 1.92 = 22.08 dBm

Band III : Directional Gain = $10 \cdot \log(10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(GN/20)})^2 / N$ = 8.02 dBi > 6 dBi

Power Limit = 30 - 2.02 = 27.98 dBm

測試架構圖：



測試結果:

操作模式 : Mode 5 / Mode 6 / Mode 7 / Mode 8 / Mode 9 / Mode 10								
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		dBm
				dBm	W	dBm	W	
Mode 5	36	5180.0	6	4.91	0.003	4.12	0.003	≤ 24.00
	40	5200.0		5.42	0.003	4.58	0.003	≤ 24.00
	44	5220.0		5.87	0.004	4.99	0.003	≤ 24.00
	48	5240.0		6.06	0.004	5.21	0.003	≤ 24.00
	52	5260.0		5.64	0.004	5.61	0.004	≤ 24.00
	56	5280.0		5.66	0.004	5.58	0.004	≤ 24.00
	60	5300.0		5.58	0.004	5.53	0.004	≤ 24.00
	64	5320.0		5.40	0.003	5.29	0.003	≤ 24.00
	100	5500.0		2.67	0.002	2.61	0.002	≤ 24.00
	104	5520.0		2.39	0.002	2.31	0.002	≤ 24.00
	108	5540.0		2.49	0.002	2.42	0.002	≤ 24.00
	112	5560.0		2.19	0.002	2.15	0.002	≤ 24.00
	116	5580.0		2.25	0.002	2.19	0.002	≤ 24.00
	132	5660.0		2.97	0.002	2.95	0.002	≤ 24.00
	136	5680.0		3.42	0.002	3.38	0.002	≤ 24.00
	140	5700.0		4.20	0.003	4.14	0.003	≤ 24.00
	149	5745.0		5.70	0.004	5.50	0.004	≤ 30.00
	153	5765.0		5.52	0.004	5.34	0.003	≤ 30.00
	157	5785.0		4.96	0.003	4.88	0.003	≤ 30.00
	161	5805.0		4.03	0.003	3.97	0.002	≤ 30.00
	165	5825.0		3.00	0.002	2.95	0.002	≤ 30.00

操作模式：Mode 5 / Mode 6 / Mode 7 / Mode 8 / Mode 9 / Mode 10										
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	13	5.25	0.003	3.95	0.002	7.66	0.006	≤ 22.45
	40	5200.0		5.68	0.004	4.32	0.003	8.06	0.006	≤ 22.45
	44	5220.0		6.05	0.004	5.12	0.003	8.62	0.007	≤ 22.45
	48	5240.0		5.77	0.004	5.75	0.004	8.77	0.008	≤ 22.45
	52	5260.0		5.72	0.004	5.70	0.004	8.72	0.007	≤ 23.15
	56	5280.0		5.69	0.004	5.73	0.004	8.72	0.007	≤ 23.15
	60	5300.0		5.54	0.004	5.45	0.004	8.51	0.007	≤ 23.15
	64	5320.0		5.21	0.003	5.17	0.003	8.20	0.007	≤ 23.15
	100	5500.0		2.63	0.002	2.76	0.002	5.71	0.004	≤ 22.08
	104	5520.0		2.35	0.002	2.84	0.002	5.61	0.004	≤ 22.08
	108	5540.0		1.99	0.002	2.78	0.002	5.41	0.003	≤ 22.08
	112	5560.0		1.95	0.002	3.01	0.002	5.52	0.004	≤ 22.08
	116	5580.0		2.00	0.002	3.09	0.002	5.59	0.004	≤ 22.08
	132	5660.0		2.45	0.002	3.86	0.002	6.22	0.004	≤ 22.08
	136	5680.0		3.07	0.002	4.07	0.003	6.61	0.005	≤ 22.08
	140	5700.0		3.76	0.002	4.51	0.003	7.16	0.005	≤ 22.08
	149	5745.0		5.14	0.003	5.23	0.003	8.20	0.007	≤ 27.98
	153	5765.0		5.10	0.003	5.07	0.003	8.10	0.006	≤ 27.98
	157	5785.0		4.41	0.003	4.68	0.003	7.56	0.006	≤ 27.98
	161	5805.0		3.58	0.002	4.13	0.003	6.87	0.005	≤ 27.98
	165	5825.0		2.47	0.002	3.30	0.002	5.92	0.004	≤ 27.98

操作模式：Mode 5 / Mode 6 / Mode 7 / Mode 8 / Mode 9 / Mode 10										
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 7	38	5190.0	27	5.59	0.004	4.11	0.003	7.92	0.006	≤ 22.45
	46	5230.0		6.15	0.004	5.08	0.003	8.66	0.007	≤ 22.45
	54	5270.0		5.99	0.004	5.92	0.004	8.97	0.008	≤ 23.15
	62	5310.0		5.61	0.004	5.52	0.004	8.58	0.007	≤ 23.15
	102	5510.0		2.53	0.002	3.10	0.002	5.83	0.004	≤ 22.08
	110	5550.0		2.19	0.002	3.17	0.002	5.72	0.004	≤ 22.08
	134	5670.0		3.20	0.002	4.39	0.003	6.85	0.005	≤ 22.08
	151	5755.0		5.54	0.004	5.56	0.004	8.56	0.007	≤ 27.98
	159	5795.0		4.47	0.003	4.69	0.003	7.59	0.006	≤ 27.98
Mode 8	36	5180.0	13	5.02	0.003	3.72	0.002	7.43	0.006	≤ 22.45
	40	5200.0		5.45	0.004	4.09	0.003	7.83	0.006	≤ 22.45
	44	5220.0		5.82	0.004	4.89	0.003	8.39	0.007	≤ 22.45
	48	5240.0		5.54	0.004	5.52	0.004	8.54	0.007	≤ 22.45
	52	5260.0		5.51	0.004	5.47	0.004	8.50	0.007	≤ 23.15
	56	5280.0		5.48	0.004	5.52	0.004	8.51	0.007	≤ 23.15
	60	5300.0		5.33	0.003	5.22	0.003	8.29	0.007	≤ 23.15
	64	5320.0		4.98	0.003	4.93	0.003	7.97	0.006	≤ 23.15
	100	5500.0		2.41	0.002	2.55	0.002	5.49	0.004	≤ 22.08
	104	5520.0		2.11	0.002	2.61	0.002	5.38	0.003	≤ 22.08
	108	5540.0		1.76	0.001	2.56	0.002	5.19	0.003	≤ 22.08
	112	5560.0		1.72	0.001	2.79	0.002	5.30	0.003	≤ 22.08
	116	5580.0		1.79	0.002	2.86	0.002	5.37	0.003	≤ 22.08
	132	5660.0		2.24	0.002	3.64	0.002	6.01	0.004	≤ 22.08
	136	5680.0		2.85	0.002	3.86	0.002	6.39	0.004	≤ 22.08
	140	5700.0		3.55	0.002	4.28	0.003	6.94	0.005	≤ 22.08
	149	5745.0		4.92	0.003	5.01	0.003	7.98	0.006	≤ 27.98
	153	5765.0		4.86	0.003	4.84	0.003	7.86	0.006	≤ 27.98
	157	5785.0		4.17	0.003	4.44	0.003	7.32	0.005	≤ 27.98
	161	5805.0		3.35	0.002	3.90	0.002	6.64	0.005	≤ 27.98
	165	5825.0		2.24	0.002	3.09	0.002	5.70	0.004	≤ 27.98

操作模式：Mode 5 / Mode 6 / Mode 7 / Mode 8 / Mode 9 / Mode 10										
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 9	38	5190.0	27	5.57	0.004	4.07	0.003	7.89	0.006	≤ 22.45
	46	5230.0		6.11	0.004	5.06	0.003	8.63	0.007	≤ 22.45
	54	5270.0		5.96	0.004	5.88	0.004	8.93	0.008	≤ 23.15
	62	5310.0		5.60	0.004	5.49	0.004	8.56	0.007	≤ 23.15
	102	5510.0		2.51	0.002	3.06	0.002	5.80	0.004	≤ 22.08
	110	5550.0		2.15	0.002	3.13	0.002	5.68	0.004	≤ 22.08
	134	5670.0		3.17	0.002	4.36	0.003	6.82	0.005	≤ 22.08
	151	5755.0		5.51	0.004	5.55	0.004	8.54	0.007	≤ 27.98
	159	5795.0		4.43	0.003	4.67	0.003	7.56	0.006	≤ 27.98
Mode 10	42	5210.0	58.6	5.19	0.003	3.84	0.002	7.58	0.006	≤ 22.45
	58	5290.0		5.10	0.003	5.06	0.003	8.09	0.006	≤ 23.15
	106	5530.0		1.87	0.002	2.45	0.002	5.18	0.003	≤ 22.08
	155	5775.0		4.41	0.003	4.48	0.003	7.46	0.006	≤ 27.98

4.3.3 最大傳導功率頻譜密度之要求

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 U-NII

Diversity Mode

Directional Gain =Max. Gain = 5.08 dBi < 6 dBi

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

MIMO Mode

Band I : Directional Gain = $10 \cdot \log(10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(GN/20)})^2 / N$ = 7.55 dBi > 6 dBi

Conducted Power Spectral Density Limit = 11 - 1.55 = 9.45 dBm/MHz

Band II-A : Directional Gain = $10 \cdot \log(10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(GN/20)})^2 / N$ = 6.85 dBi > 6 dBi

Conducted Power Spectral Density Limit = 11 - 0.85 = 10.15 dBm/MHz

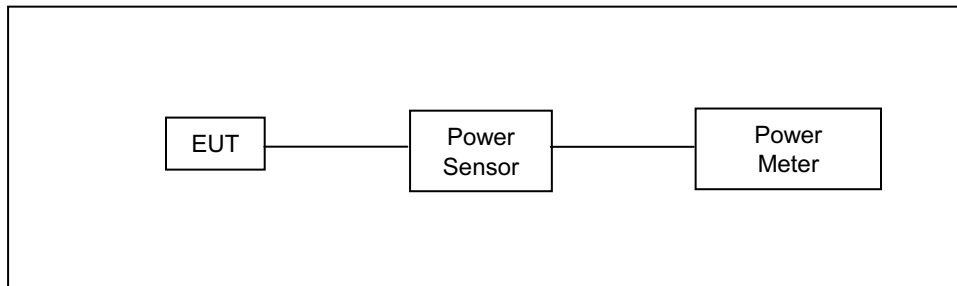
Band II-C : Directional Gain = $10 \cdot \log(10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(GN/20)})^2 / N$ = 7.92 dBi > 6 dBi

Conducted Power Spectral Density Limit = 11 - 1.92 = 9.08 dBm/MHz

Band III : Directional Gain = $10 \cdot \log(10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(GN/20)})^2 / N$ = 8.02 dBi > 6 dBi

Conducted Power Spectral Density Limit = 30 - 2.02 = 27.98 dBm/MHz

測試架構圖：



測試結果:

操作模式	: Mode 5 / Mode 6 / Mode 7 / Mode 10
測試結果	: 合格

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 5	36	5180.0	-6.309	0.030	-6.279	11
	40	5200.0	-5.708	0.030	-5.678	11
	48	5240.0	-5.096	0.030	-5.066	11
	52	5260.0	-5.669	0.030	-5.639	11
	56	5280.0	-5.622	0.030	-5.592	11
	64	5320.0	-5.776	0.030	-5.746	11
	100	5500.0	-8.210	0.030	-8.180	11
	112	5560.0	-8.877	0.030	-8.847	11
	140	5700.0	-7.837	0.030	-7.807	11
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/100 kHz)	Duty Factor (dB)	轉換值 (dBm/500 kHz)	限制值 (dBm/500 kHz)
Mode 5	149	5745.0	-14.91	0.030	-7.89	30
	157	5785.0	-14.59	0.030	-7.57	30
	165	5825.0	-16.93	0.030	-9.91	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 5 / Mode 6 / Mode 7 / Mode 10
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	-6.674	0.077	-6.597	9.45
	40	5200.0	-6.440	0.077	-6.363	9.45
	48	5240.0	-5.856	0.077	-5.779	9.45
	52	5260.0	-6.110	0.077	-6.033	10.15
	56	5280.0	-5.982	0.077	-5.905	10.15
	64	5320.0	-6.453	0.077	-6.376	10.15
	100	5500.0	-8.600	0.077	-8.523	9.08
	112	5560.0	-9.753	0.077	-9.676	9.08
	140	5700.0	-8.289	0.077	-8.212	9.08
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 6	36	5180.0	-8.053	0.077	-7.976	9.45
	40	5200.0	-6.990	0.077	-6.913	9.45
	48	5240.0	-6.128	0.077	-6.051	9.45
	52	5260.0	-5.494	0.077	-5.417	10.15
	56	5280.0	-5.043	0.077	-4.966	10.15
	64	5320.0	-5.555	0.077	-5.478	10.15
	100	5500.0	-8.168	0.077	-8.091	9.08
	112	5560.0	-8.109	0.077	-8.032	9.08
	140	5700.0	-7.263	0.077	-7.186	9.08
ANT-0+1						
操作模式	頻道 (CH)	頻率 (MHz)	轉換值 (dBm/MHz)		限制值 (dBm/MHz)	
Mode 6	36	5180.0	-4.222		9.45	
	40	5200.0	-3.619		9.45	
	48	5240.0	-2.903		9.45	
	52	5260.0	-2.704		10.15	
	56	5280.0	-2.400		10.15	
	64	5320.0	-2.894		10.15	
	100	5500.0	-5.291		9.08	
	112	5560.0	-5.767		9.08	
	140	5700.0	-4.659		9.08	

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

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

操作模式	: Mode 5 / Mode 6 / Mode 7 / Mode 10
測試結果	: 合格

ANT-0						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/100 kHz)	Duty Factor (dB)	轉換值 (dBm/500 kHz)	限制值 (dBm/500 kHz)
Mode 6	149	5745.0	-15.47	0.077	-8.40	27.98
	157	5785.0	-15.44	0.077	-8.38	27.98
	165	5825.0	-17.69	0.077	-10.62	27.98
ANT-1						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/100 kHz)	Duty Factor (dB)	轉換值 (dBm/500 kHz)	限制值 (dBm/500 kHz)
Mode 6	149	5745.0	-15.11	0.077	-8.04	27.98
	157	5785.0	-15.70	0.077	-8.63	27.98
	165	5825.0	-16.94	0.077	-9.88	27.98
ANT-0+1						
操作模式	頻道 (CH)	頻率 (MHz)	轉換值 (dBm/500 kHz)		限制值 (dBm/500 kHz)	
Mode 6	149	5745.0	-5.21		27.98	
	157	5785.0	-5.49		27.98	
	165	5825.0	-7.22		27.98	

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 5 / Mode 6 / Mode 7 / Mode 10
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	38	5190.0	-9.202	0.127	-9.075	9.45
	46	5230.0	-8.363	0.127	-8.236	9.45
	54	5270.0	-8.713	0.127	-8.586	10.15
	62	5310.0	-8.798	0.127	-8.671	10.15
	102	5510.0	-11.862	0.127	-11.735	9.08
	110	5550.0	-12.151	0.127	-12.024	9.08
	134	5670.0	-11.531	0.127	-11.404	9.08
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	38	5190.0	-9.739	0.127	-9.612	9.45
	46	5230.0	-8.836	0.127	-8.709	9.45
	54	5270.0	-7.820	0.127	-7.693	10.15
	62	5310.0	-8.438	0.127	-8.311	10.15
	102	5510.0	-10.998	0.127	-10.871	9.08
	110	5550.0	-11.061	0.127	-10.934	9.08
	134	5670.0	-10.157	0.127	-10.030	9.08
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	38	5190.0	-6.325		9.45	
	46	5230.0	-5.456		9.45	
	54	5270.0	-5.106		10.15	
	62	5310.0	-5.477		10.15	
	102	5510.0	-8.271		9.08	
	110	5550.0	-8.435		9.08	
	134	5670.0	-7.653		9.08	

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

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

操作模式	: Mode 5 / Mode 6 / Mode 7 / Mode 10
測試結果	: 合格

ANT-0						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/100 kHz)	Duty Factor (dB)	轉換值 (dBm/500 kHz)	限制值 (dBm/500 kHz)
Mode 7	151	5755.0	-17.92	0.127	-10.80	27.98
	159	5795.0	-18.31	0.127	-11.20	27.98
ANT-1						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/100 kHz)	Duty Factor (dB)	轉換值 (dBm/500 kHz)	限制值 (dBm/500 kHz)
Mode 7	151	5755.0	-17.43	0.127	-10.31	27.98
	159	5795.0	-18.05	0.127	-10.93	27.98
ANT-0+1						
操作模式	頻道 (CH)	頻率 (MHz)	轉換值 (dBm/500 kHz)		限制值 (dBm/500 kHz)	
Mode 7	151	5755.0	-7.54		27.98	
	159	5795.0	-8.05		27.98	

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 5 / Mode 6 / Mode 7 / Mode 10
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 10	42	5210.0	-12.174	0.302	-11.872	9.45
	58	5290.0	-12.283	0.302	-11.981	10.15
	106	5530.0	-15.582	0.302	-15.280	9.08
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 10	42	5210.0	-13.087	0.302	-12.785	9.45
	58	5290.0	-11.508	0.302	-11.206	10.15
	106	5530.0	-14.674	0.302	-14.372	9.08
ANT-0+1						
操作模式	頻道 (CH)	頻率 (MHz)	轉換值 (dBm/MHz)		限制值 (dBm/MHz)	
Mode 10	42	5210.0	-9.294		9.45	
	58	5290.0	-8.566		10.15	
	106	5530.0	-11.792		9.08	

ANT-0						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/100 kHz)	Duty Factor (dB)	轉換值 (dBm/500 kHz)	限制值 (dBm/500 kHz)
Mode 10	155	5775.0	-20.97	0.302	-13.67	27.98
ANT-1						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/100 kHz)	Duty Factor (dB)	轉換值 (dBm/500 kHz)	限制值 (dBm/500 kHz)
Mode 10	155	5775.0	-20.51	0.302	-13.22	27.98
ANT-0+1						
操作模式	頻道 (CH)	頻率 (MHz)	轉換值 (dBm/500 kHz)		限制值 (dBm/500 kHz)	
Mode 10	155	5775.0	-10.43		27.98	

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

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

Mode 5: IEEE 802.11a Continuous TX Mode _ANT-0

CH36



CH40



CH48





Mode 5: IEEE 802.11a Continuous TX Mode _ANT-0

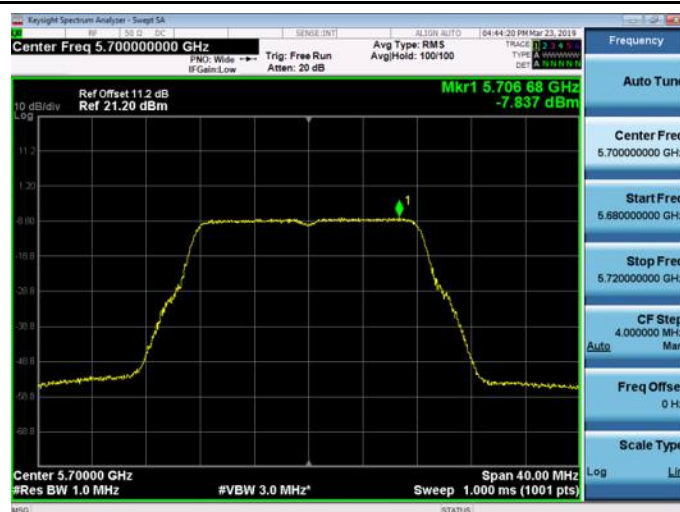
CH100



CH112



CH140

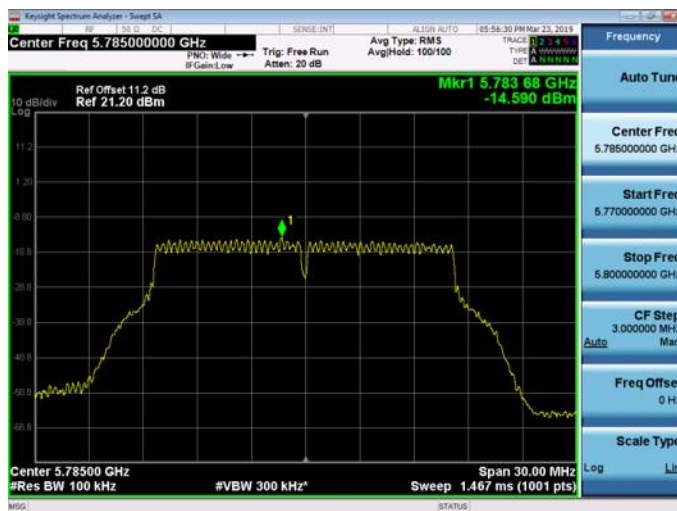


Mode 5: IEEE 802.11a Continuous TX Mode _ANT-0

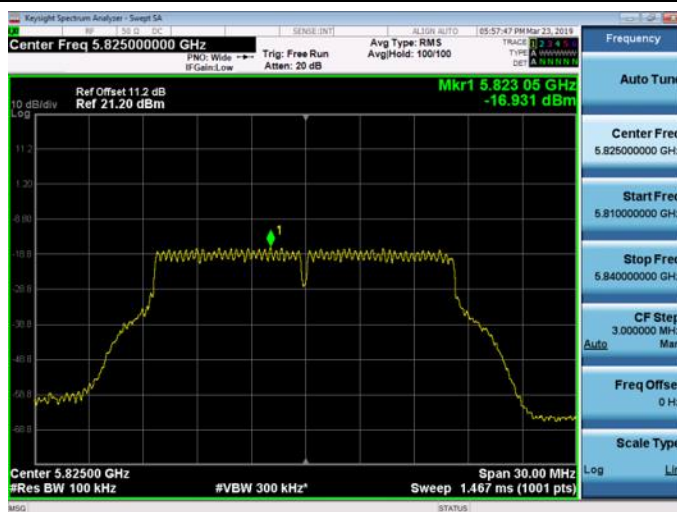
CH149

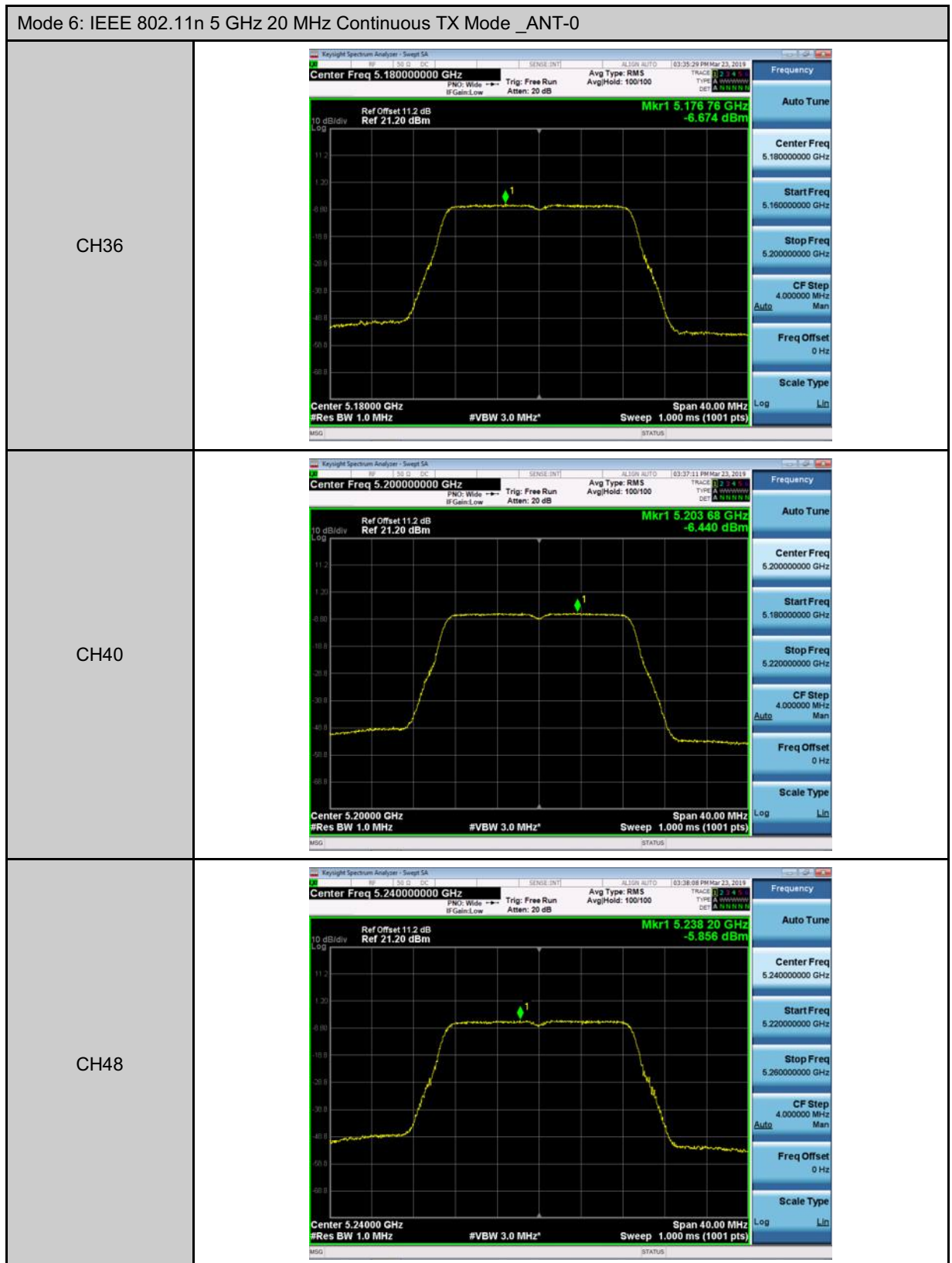


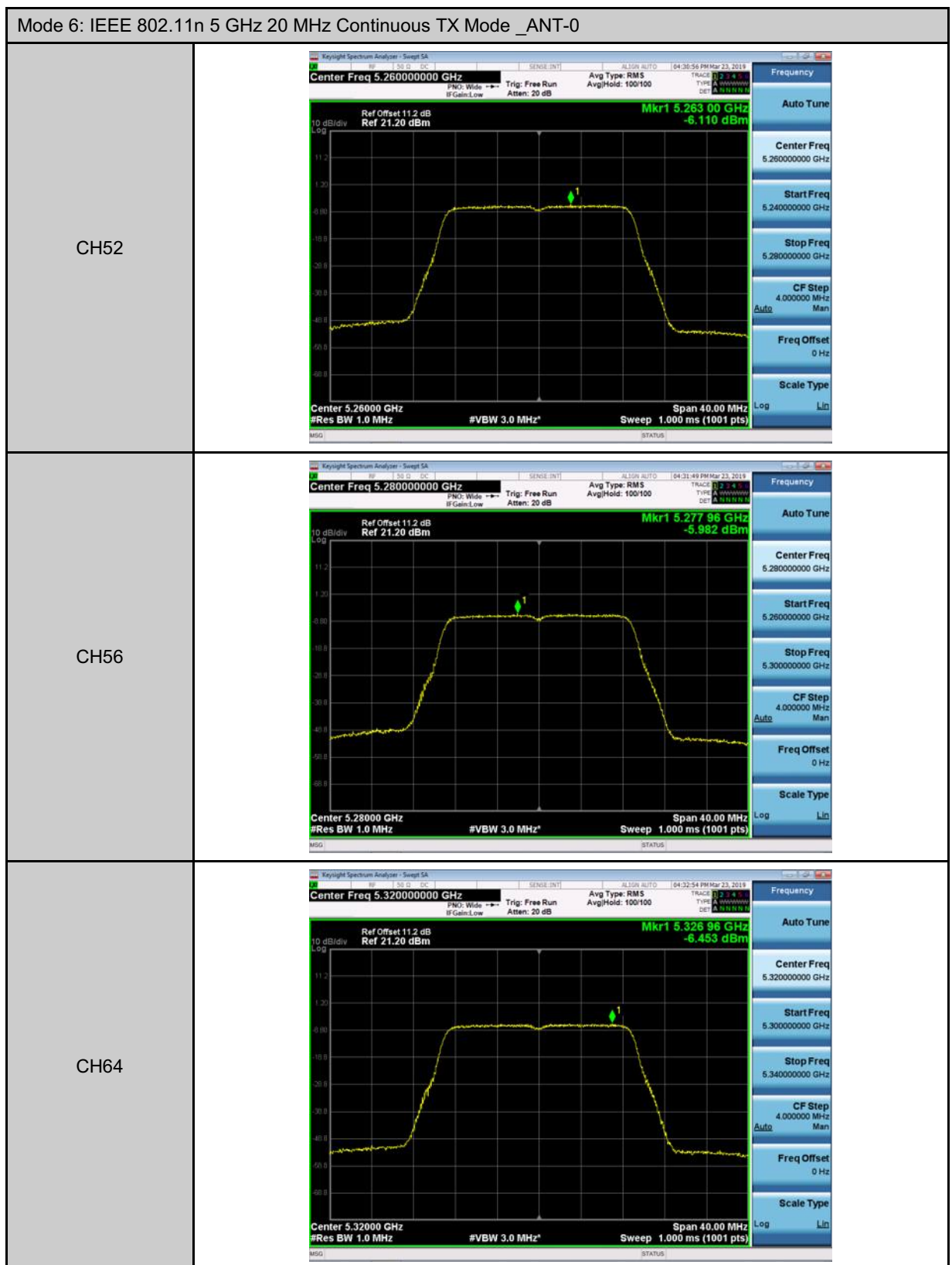
CH157

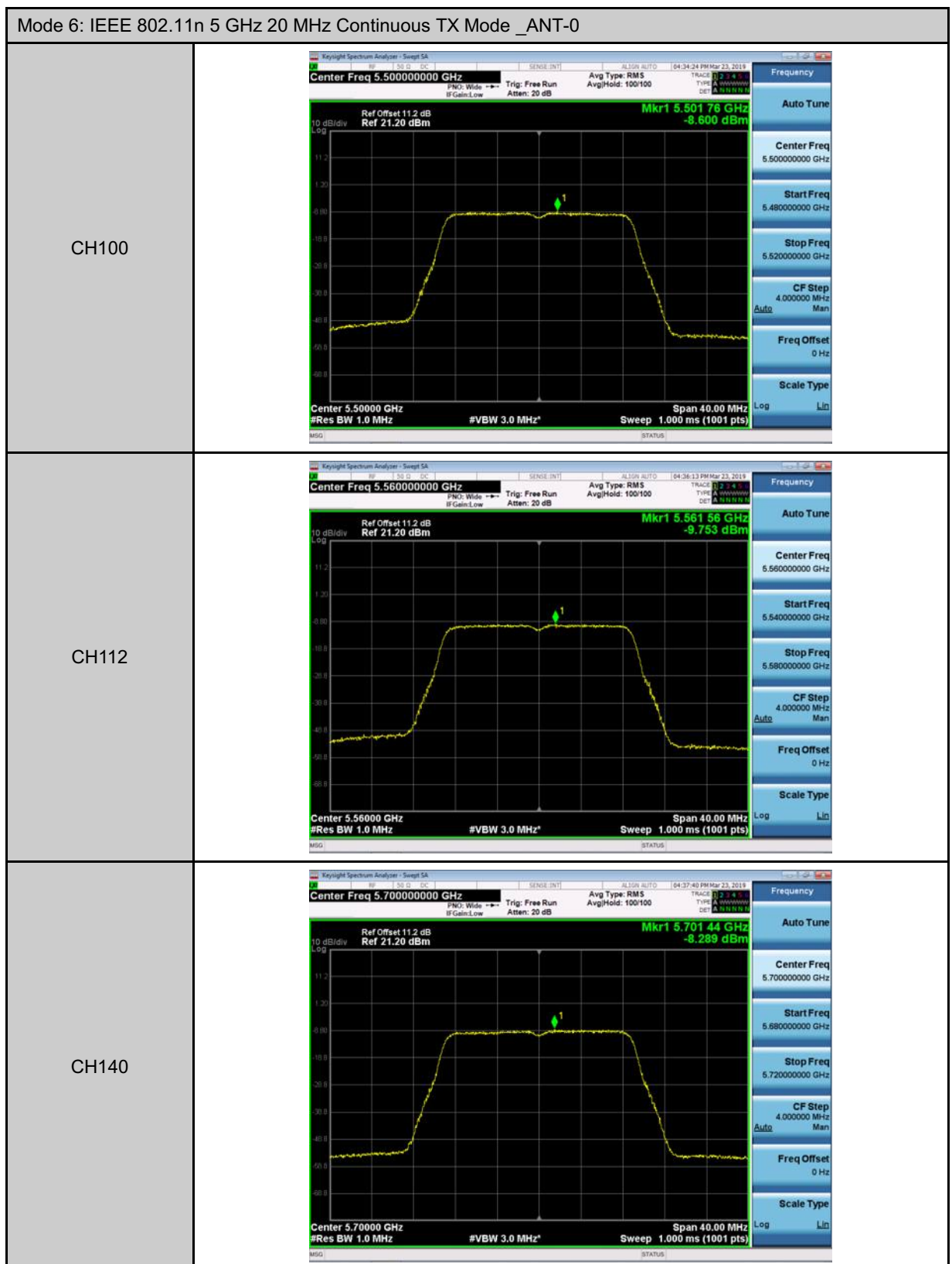


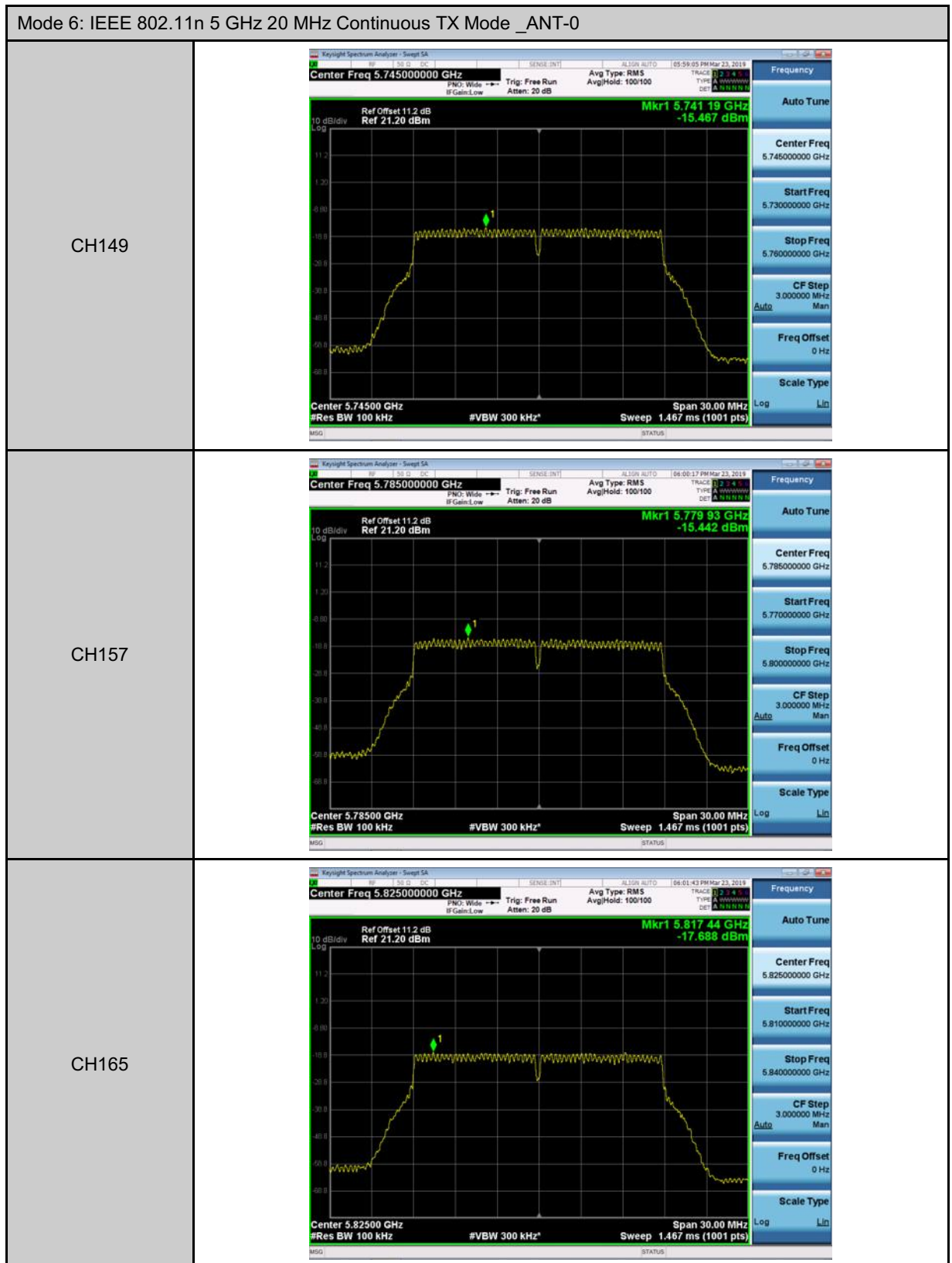
CH165

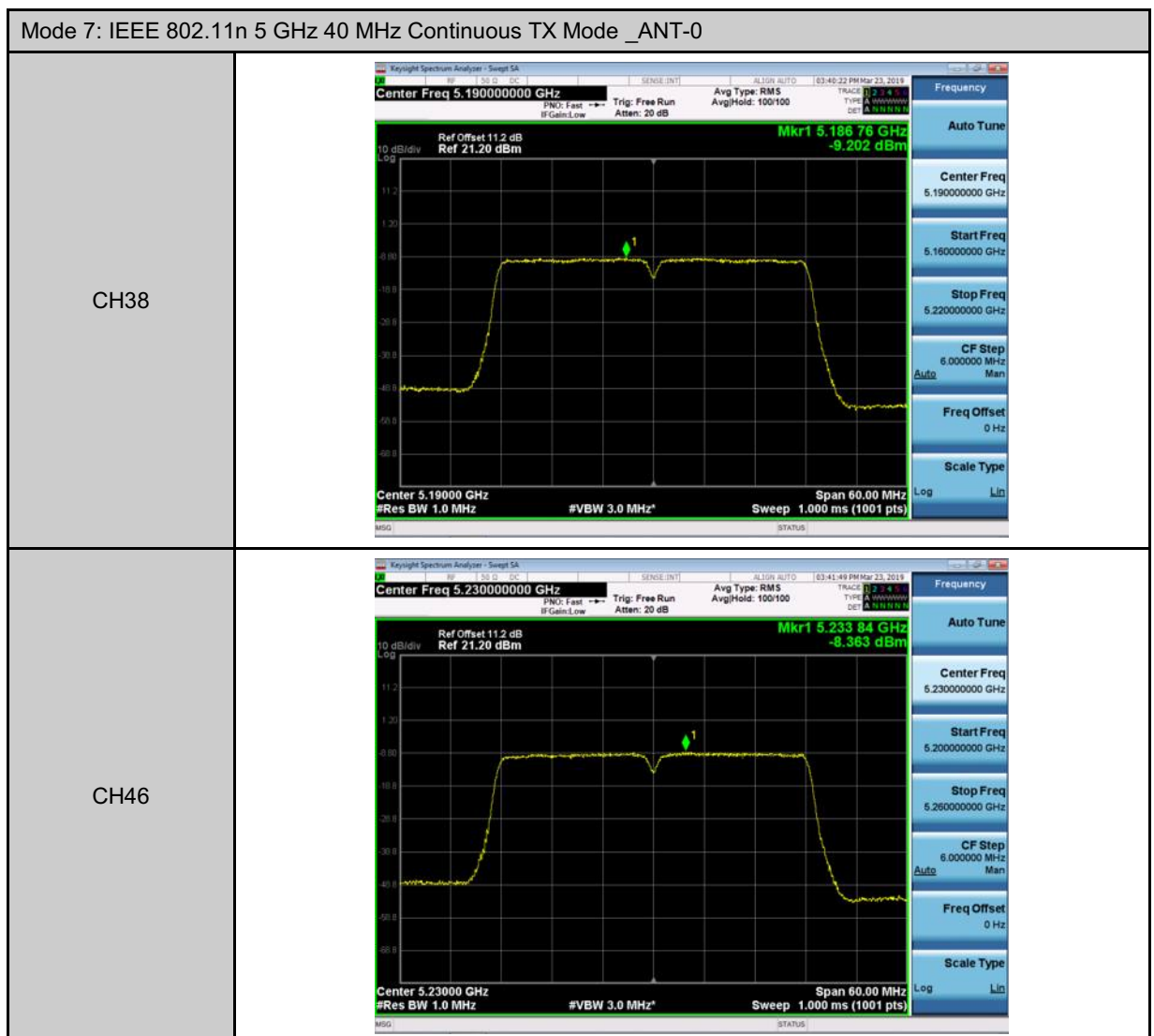


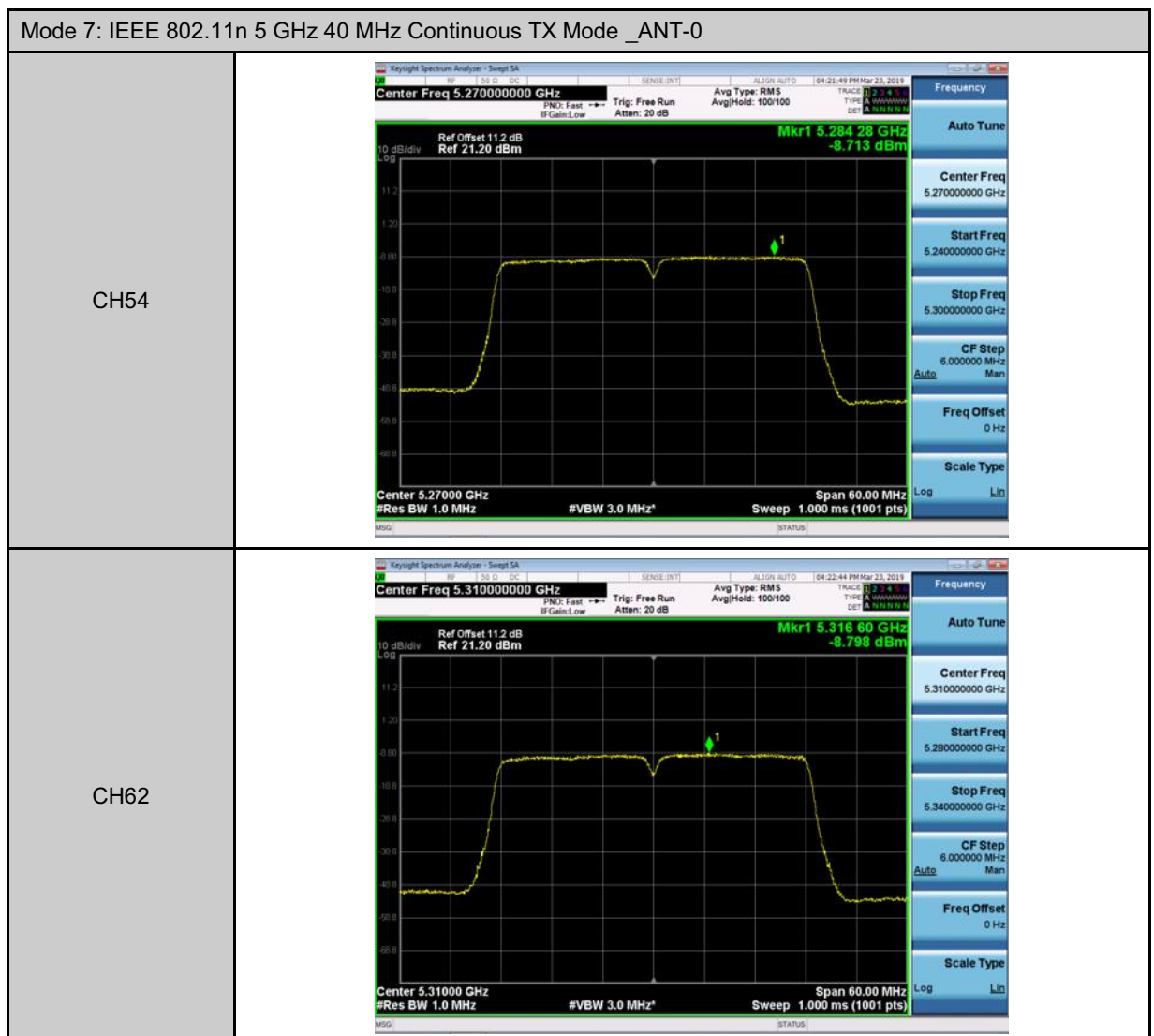


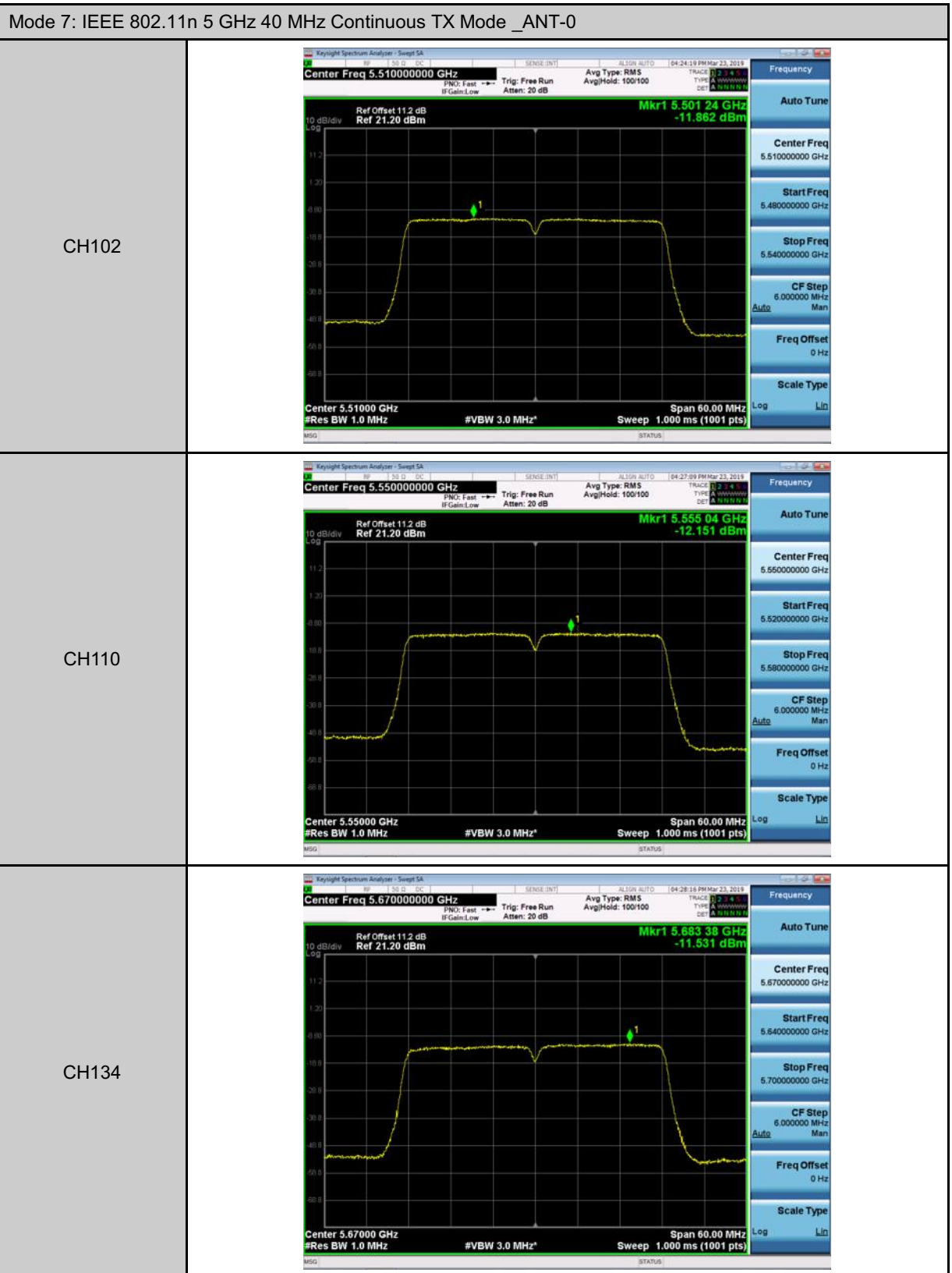


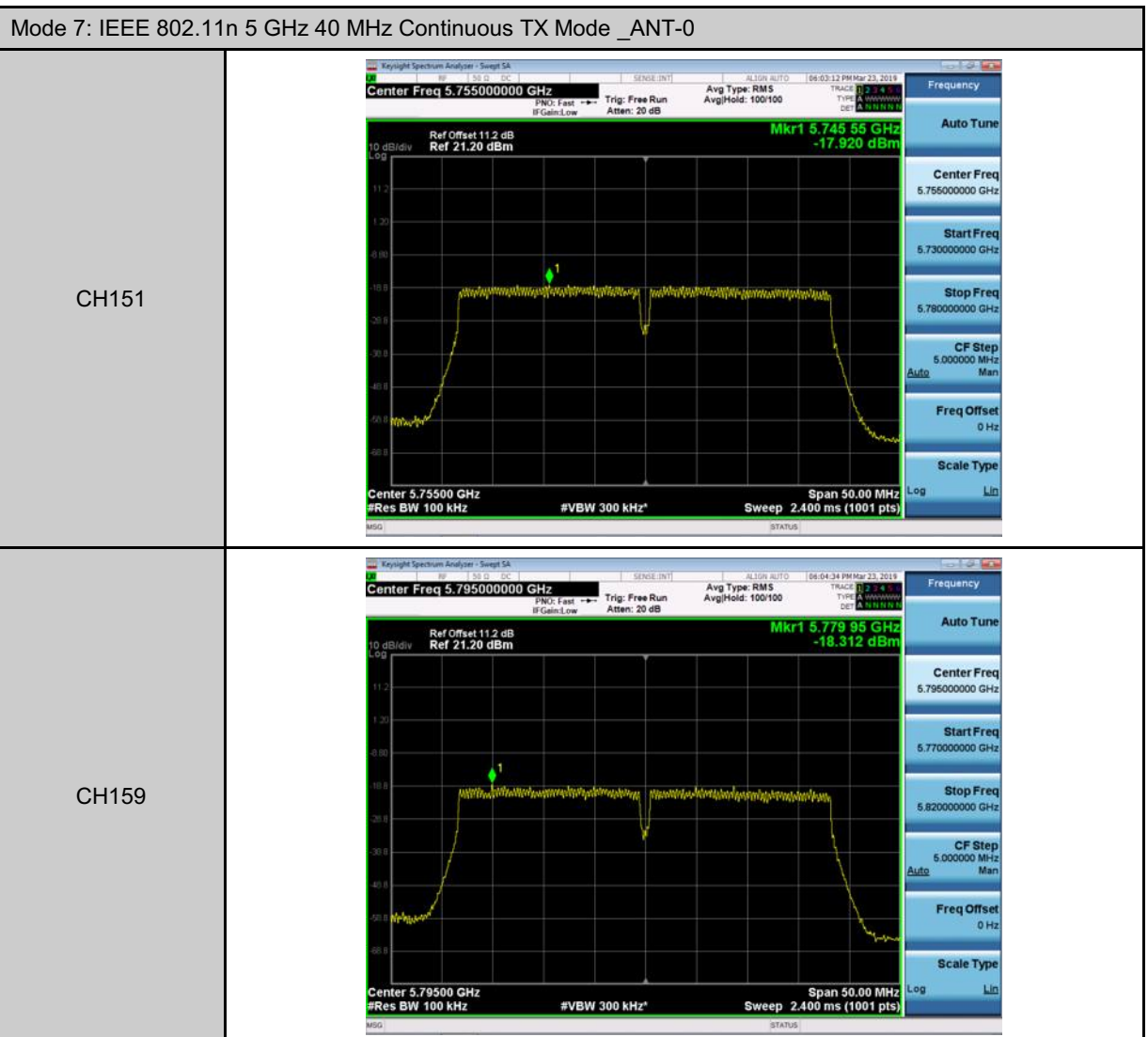




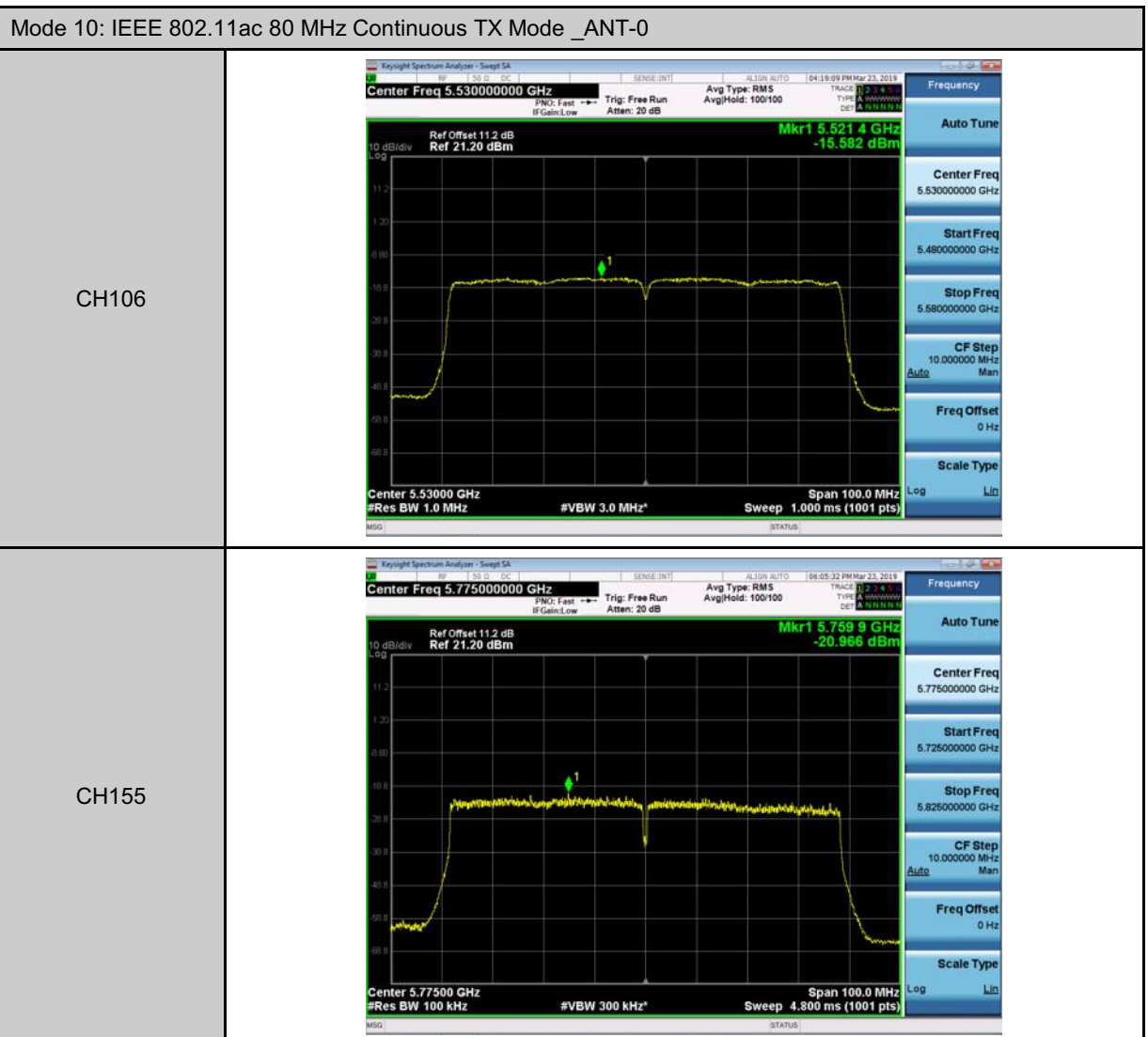




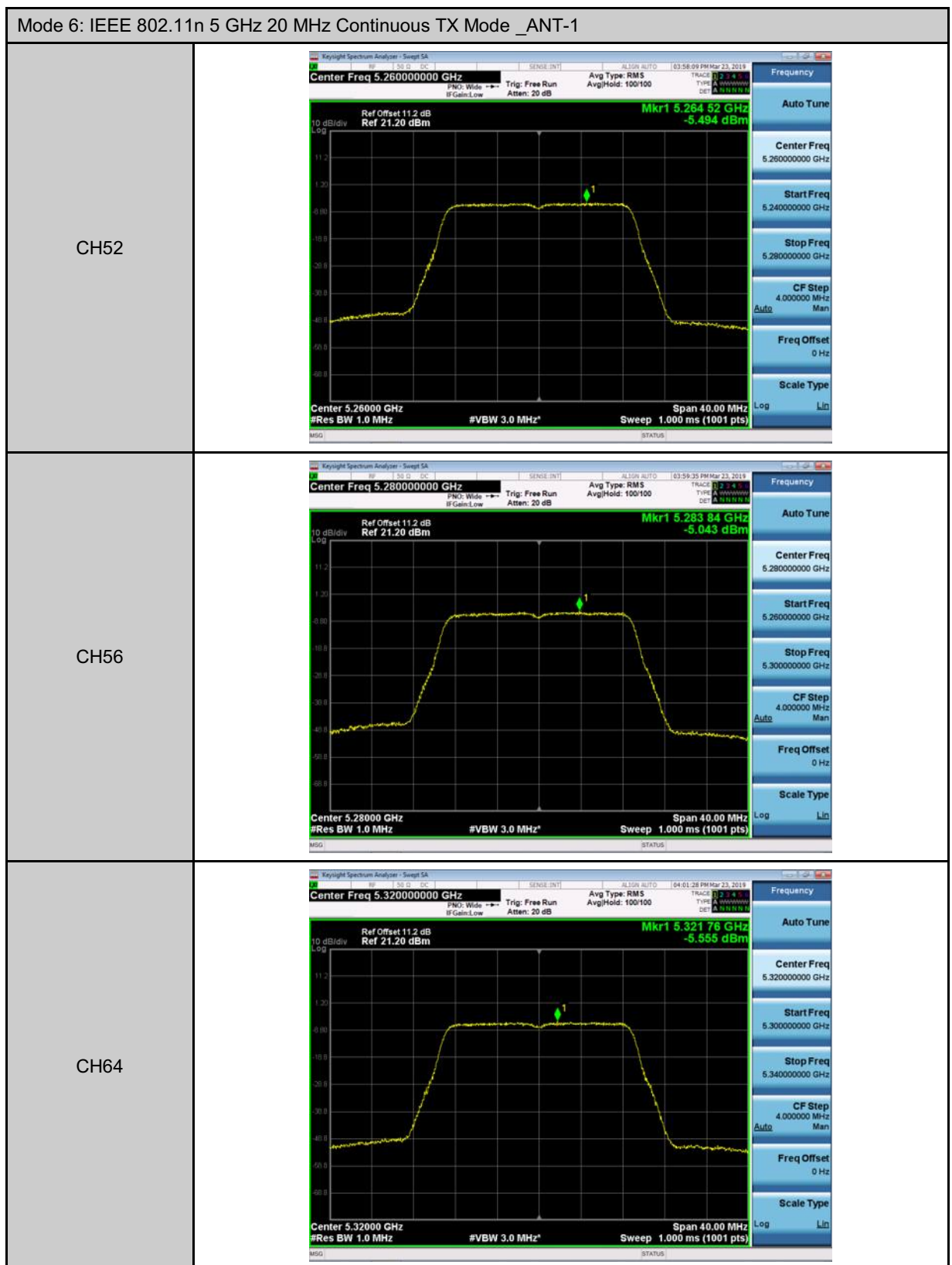


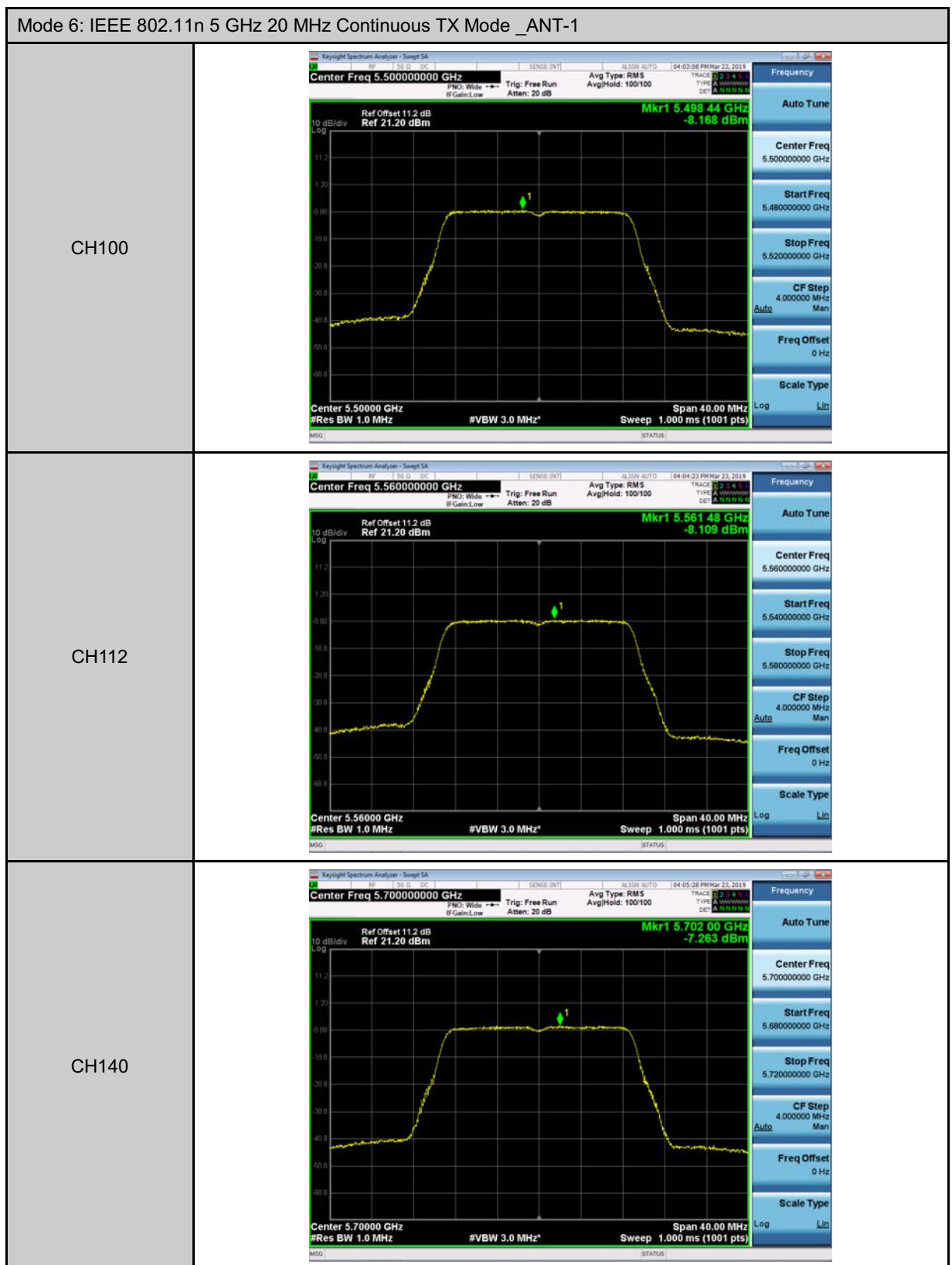




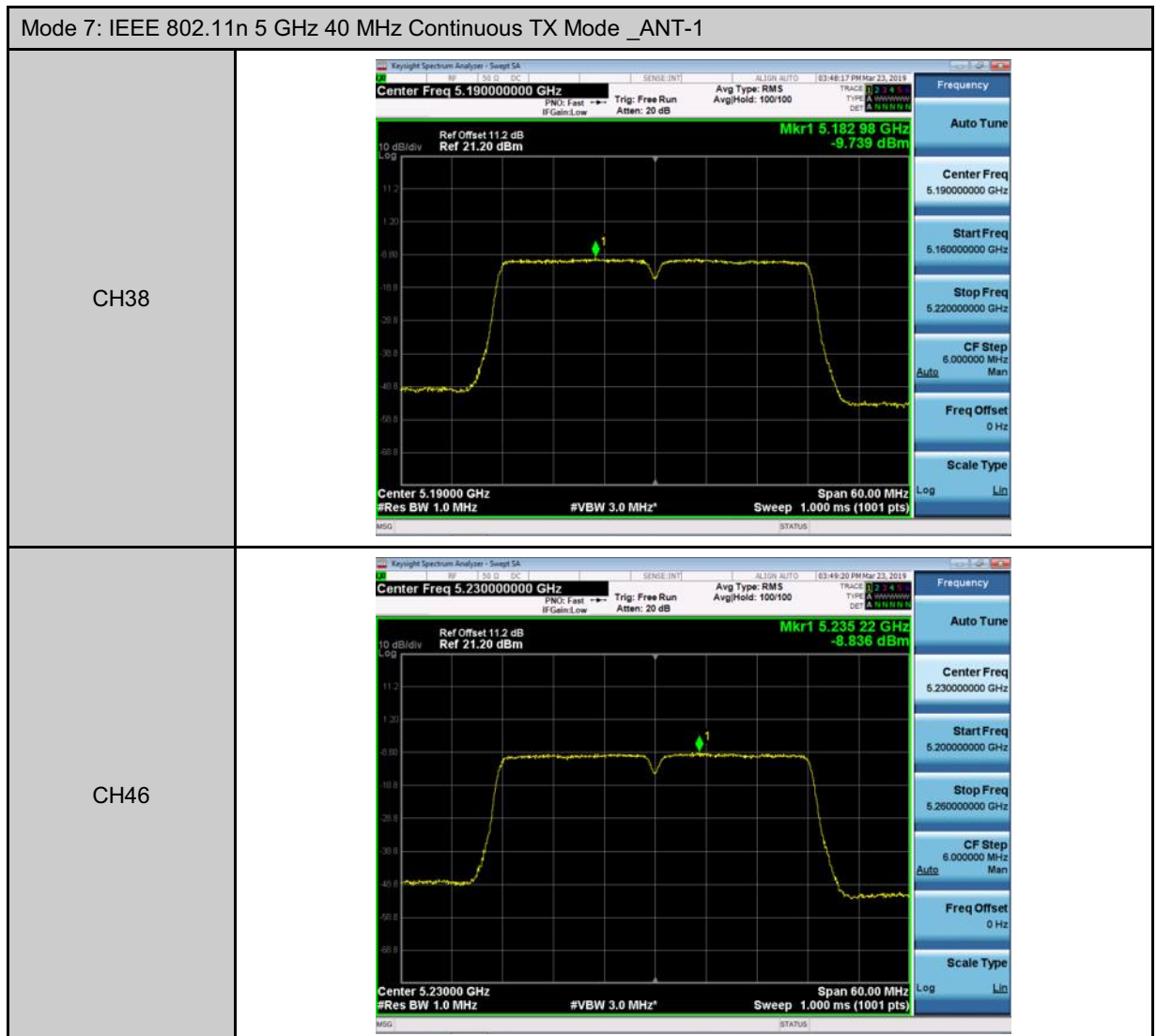




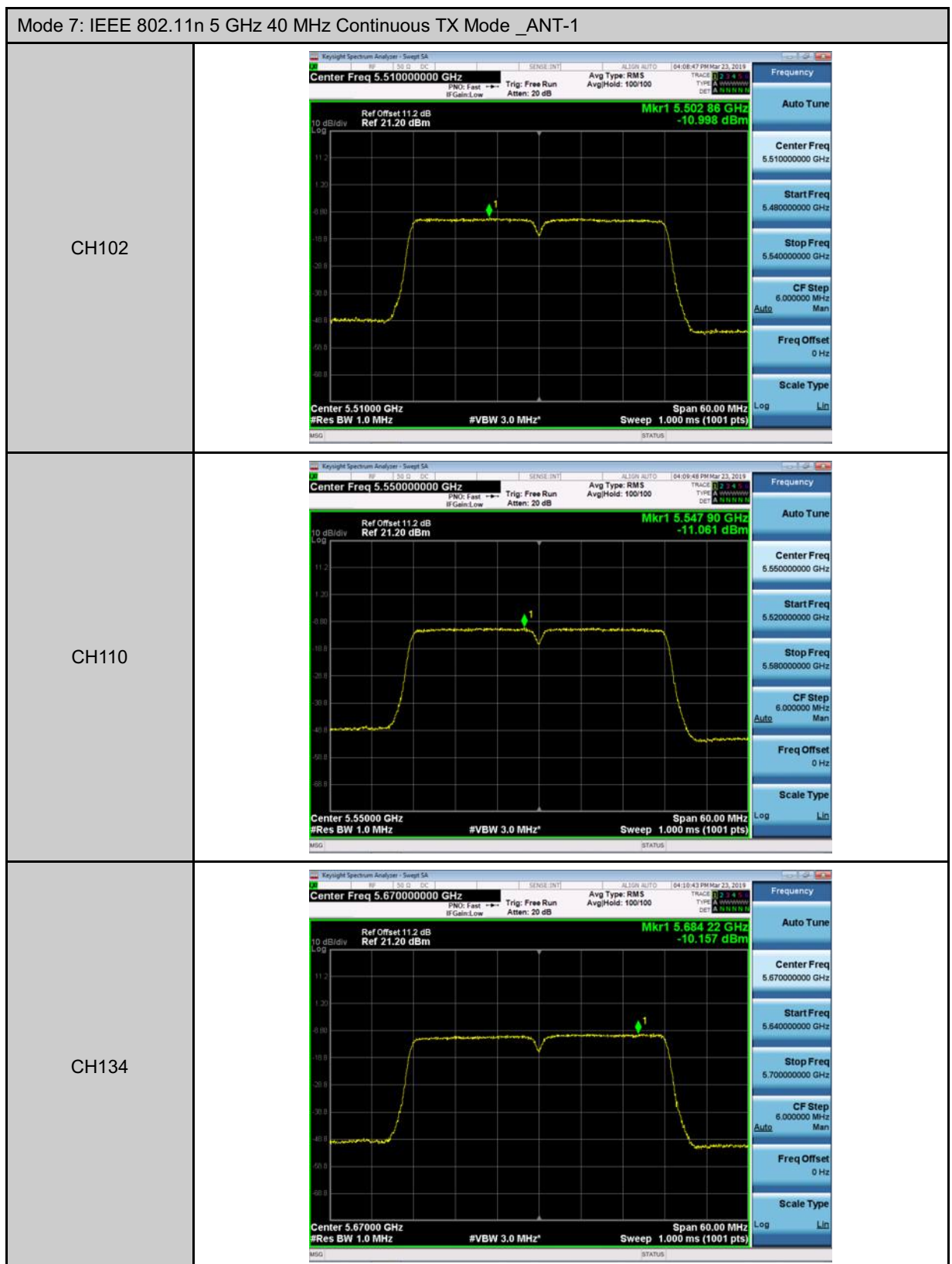


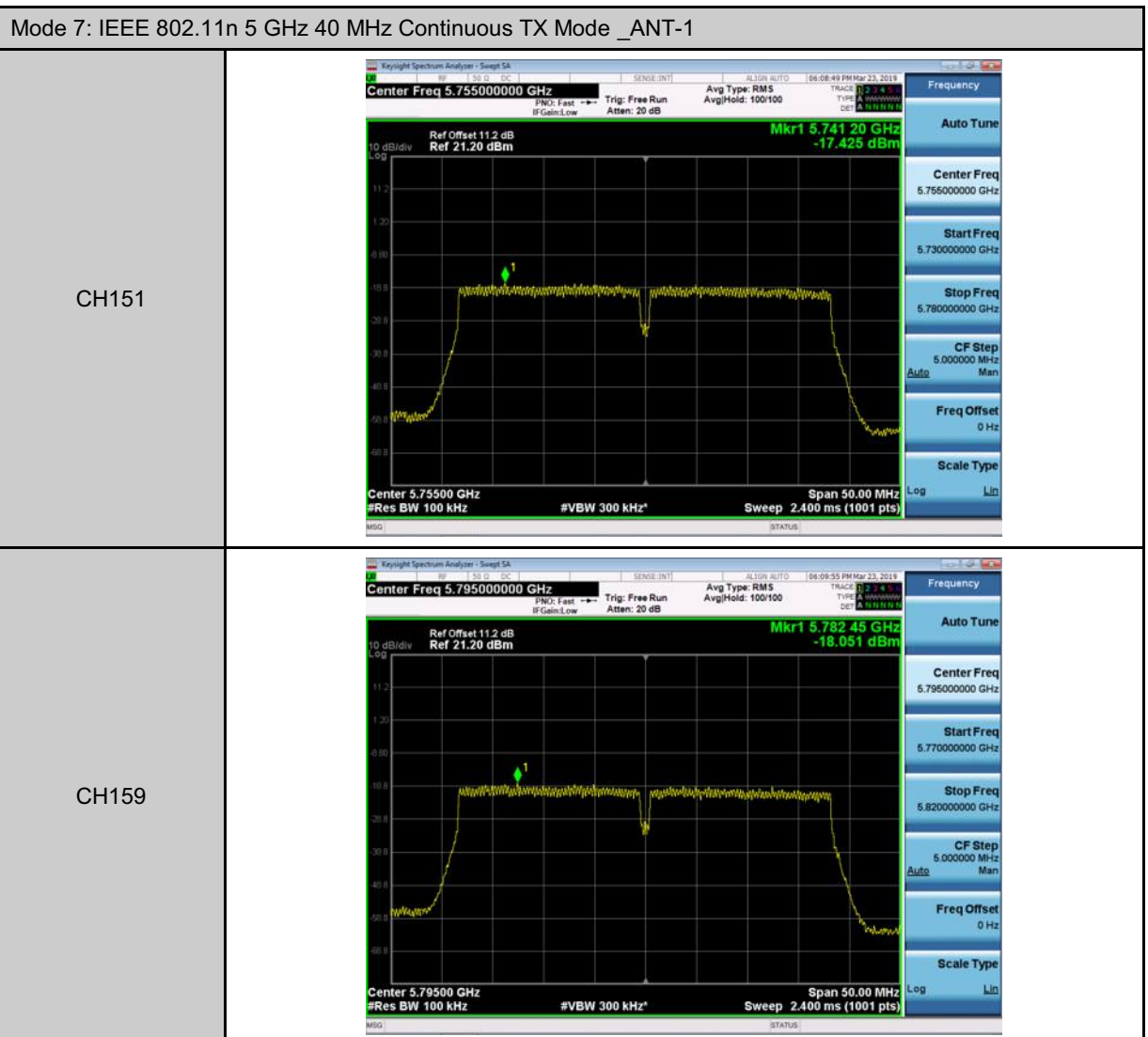


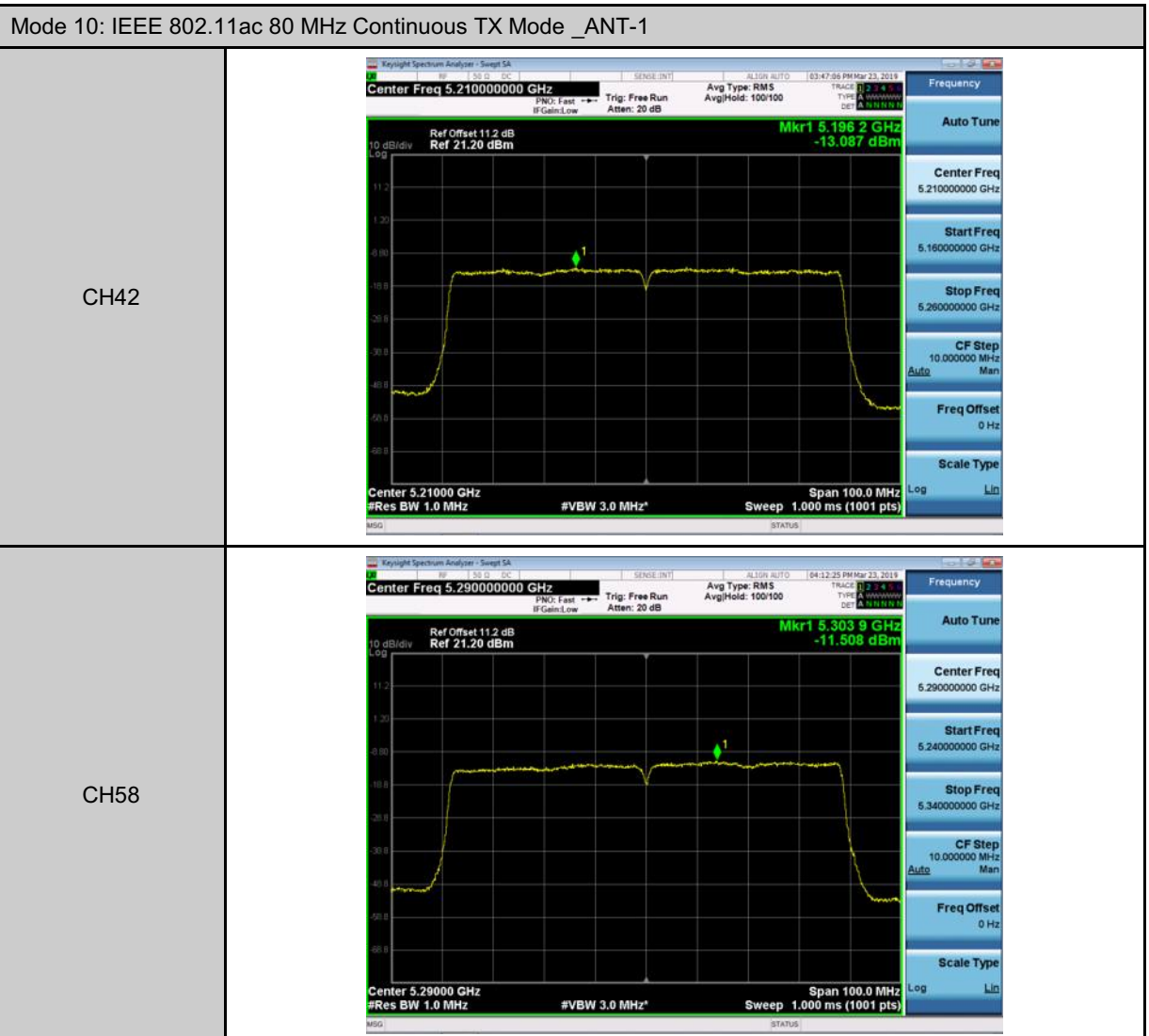


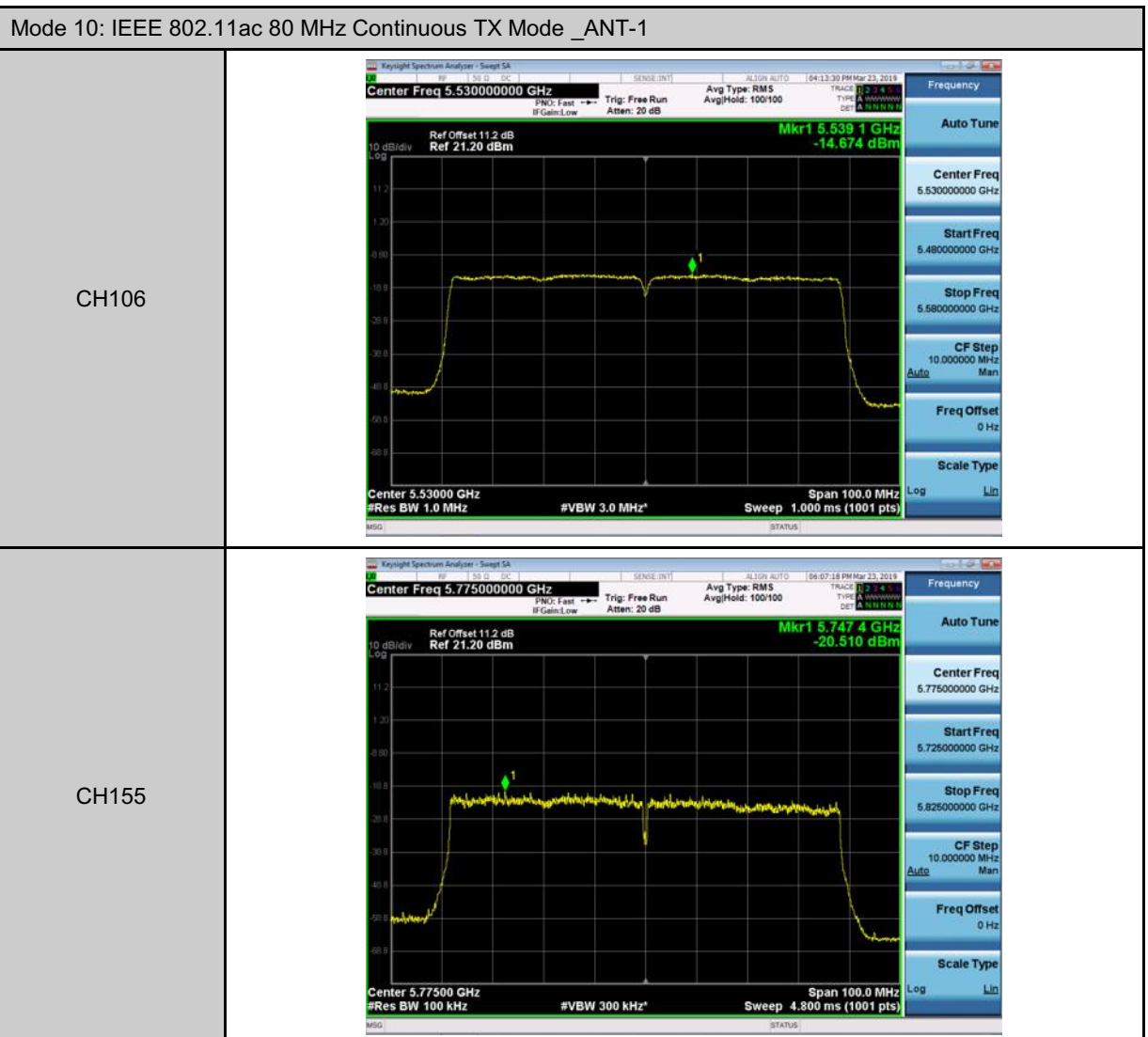










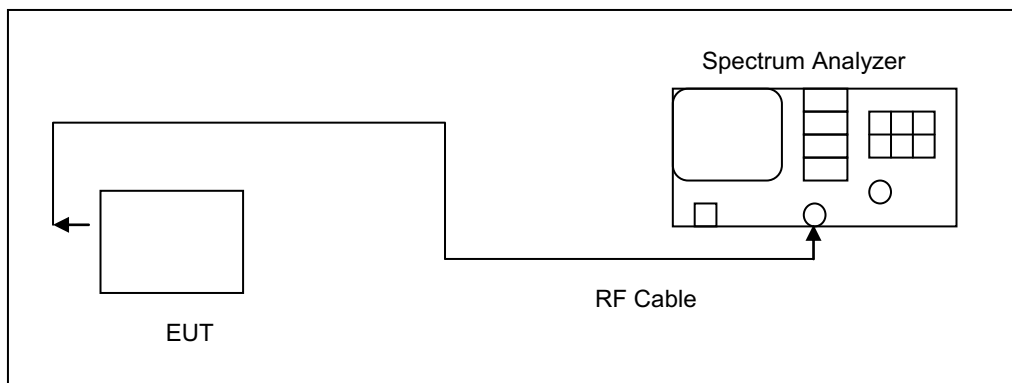


4.3.4 26 dB頻寬之要求

合格標準:

N/A

測試架構圖：



測試結果:

操作模式	: Mode 5 / Mode 6 / Mode 7 / Mode 10
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 5	36	5180.0	21.640	---
	40	5200.0	21.470	---
	48	5240.0	21.530	---
	52	5260.0	21.400	---
	56	5280.0	21.750	---
	64	5320.0	21.590	---
	100	5500.0	21.660	---
	112	5560.0	21.630	---
	140	5700.0	21.940	---
Mode 6	36	5180.0	21.730	21.750
	40	5200.0	21.870	21.600
	48	5240.0	21.890	21.650
	52	5260.0	21.810	21.460
	56	5280.0	21.670	21.330
	64	5320.0	21.800	21.600
	100	5500.0	21.980	21.540
	112	5560.0	21.930	21.590
	140	5700.0	21.890	21.650
Mode 7	38	5190.0	40.440	40.590
	46	5230.0	40.650	40.520
	54	5270.0	40.730	40.660
	62	5310.0	40.800	40.670
	102	5510.0	40.730	40.360
	110	5550.0	40.660	40.590
	134	5670.0	40.790	40.580
Mode 10	42	5210.0	82.120	81.260
	58	5290.0	81.780	81.770
	106	5530.0	81.340	81.820



Mode 5: IEEE 802.11a Continuous TX Mode _ANT-0

CH52



CH56



CH64



Mode 5: IEEE 802.11a Continuous TX Mode _ANT-0

CH100



CH112



CH140





Mode 6: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode _ANT-0

CH52



CH56



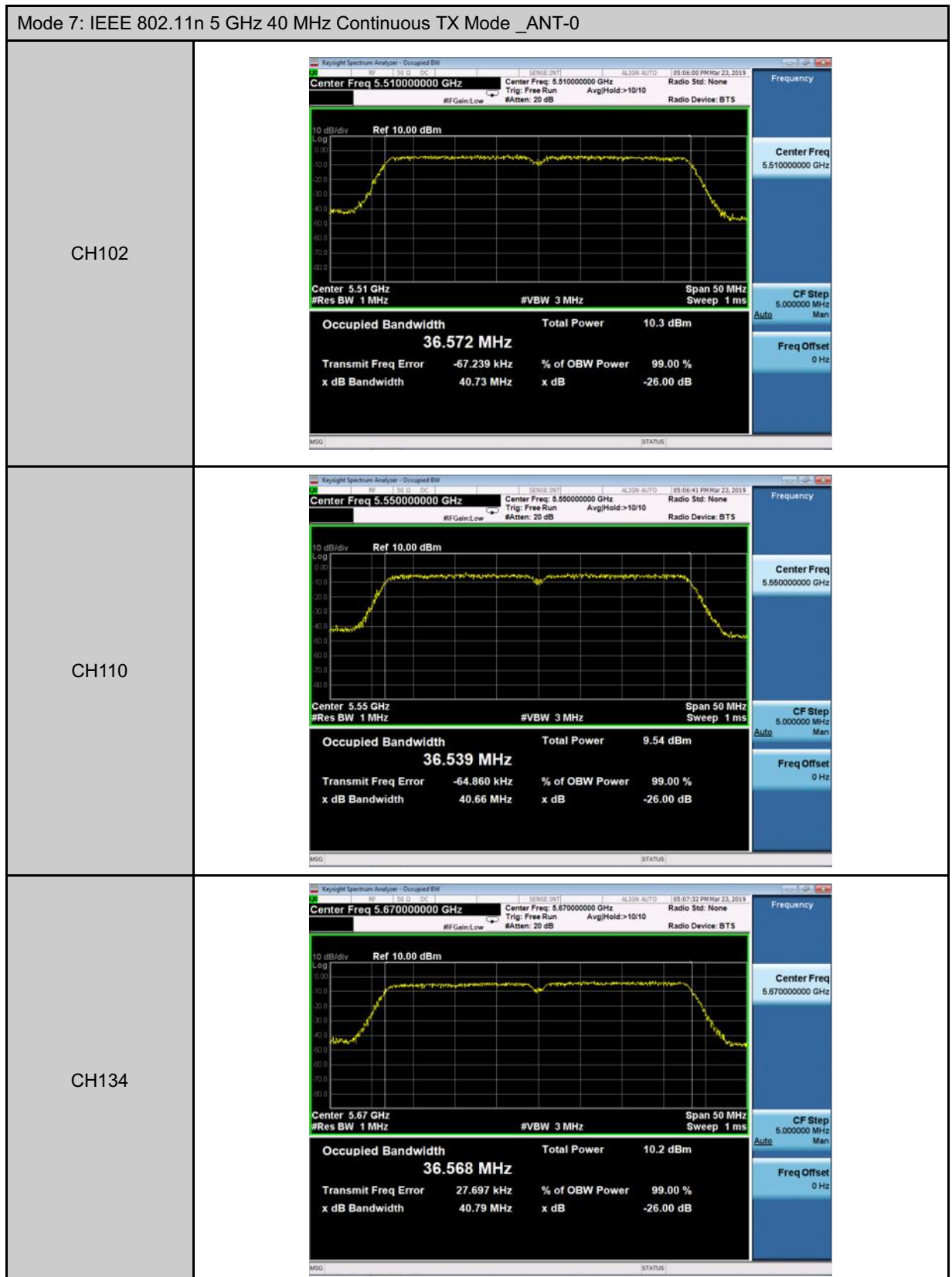
CH64





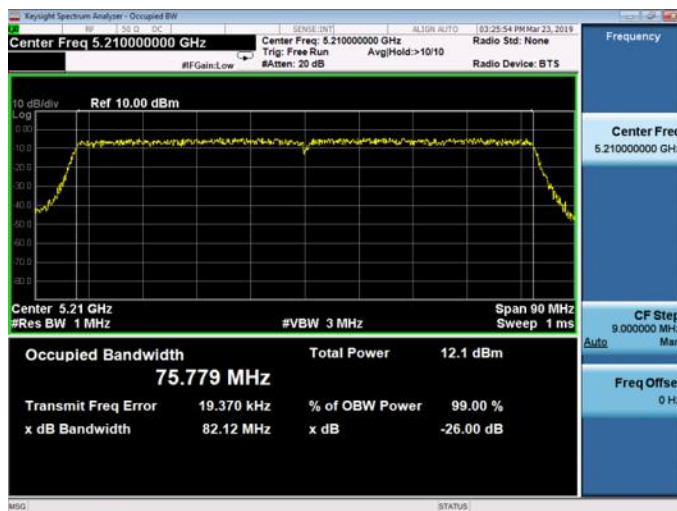






Mode 10: IEEE 802.11ac 80 MHz Continuous TX Mode _ANT-0

CH42



CH58



CH106

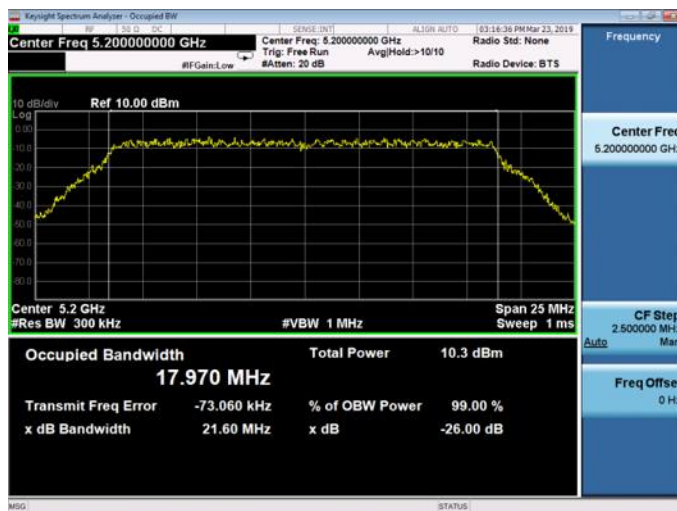


Mode 6: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode_ANT-1

CH36

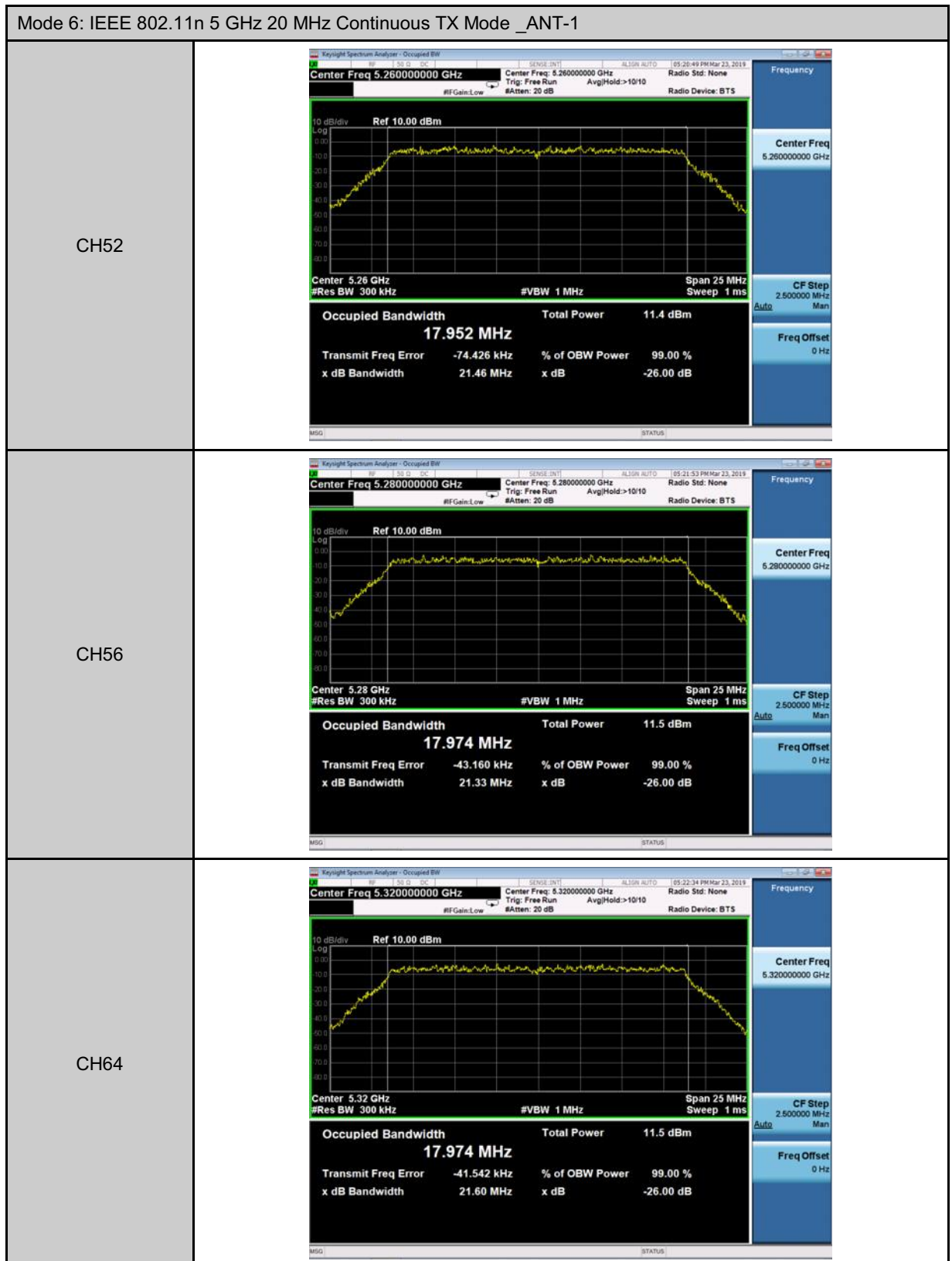


CH40



CH48





Mode 6: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode _ANT-1

CH100



CH112



CH140



Mode 7: IEEE 802.11n 5 GHz 40 MHz Continuous TX Mode _ANT-1

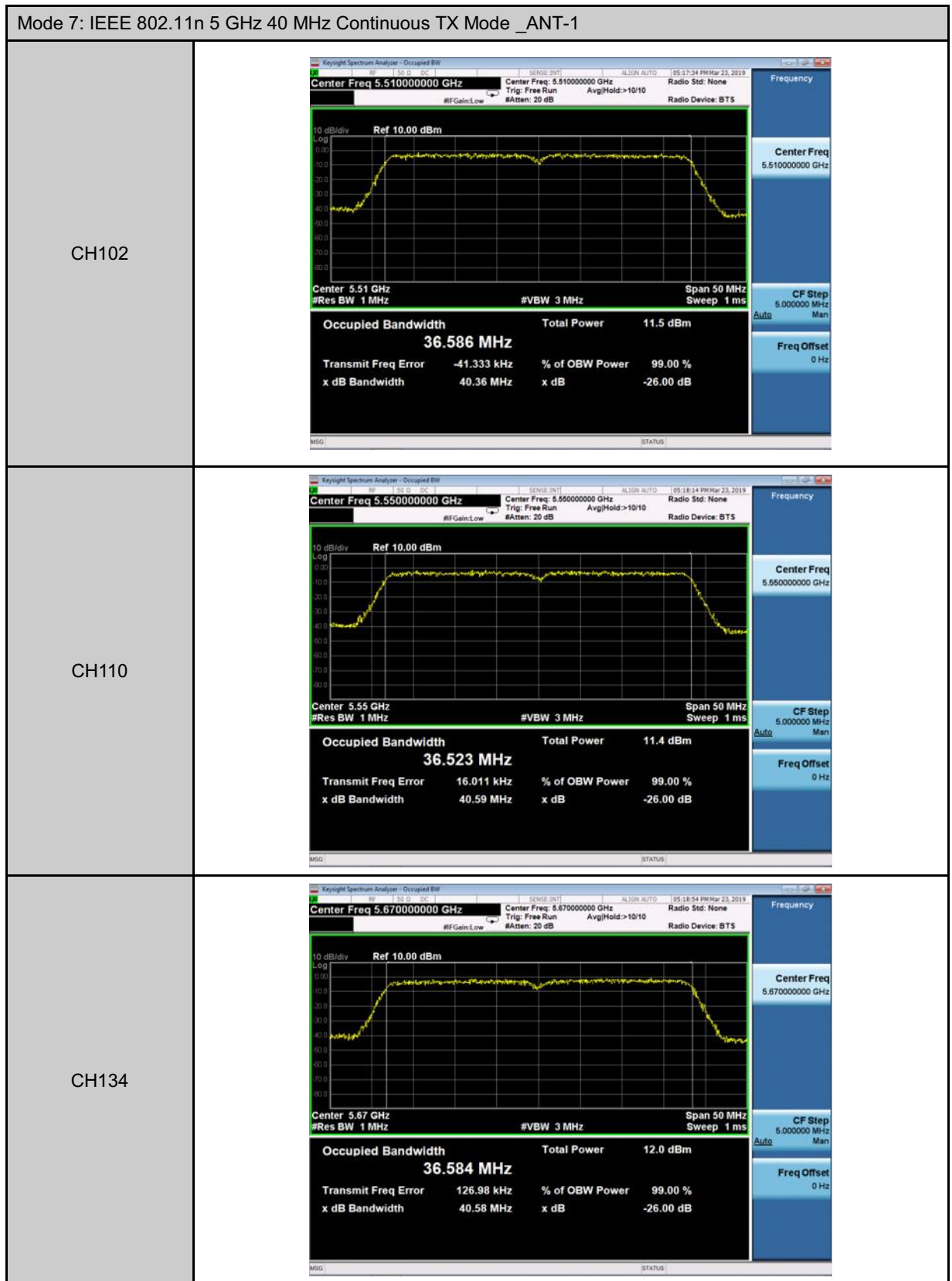
CH38

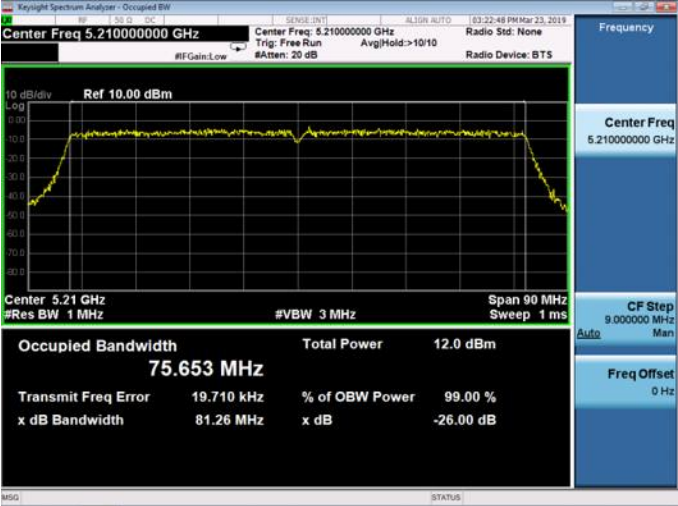


CH46







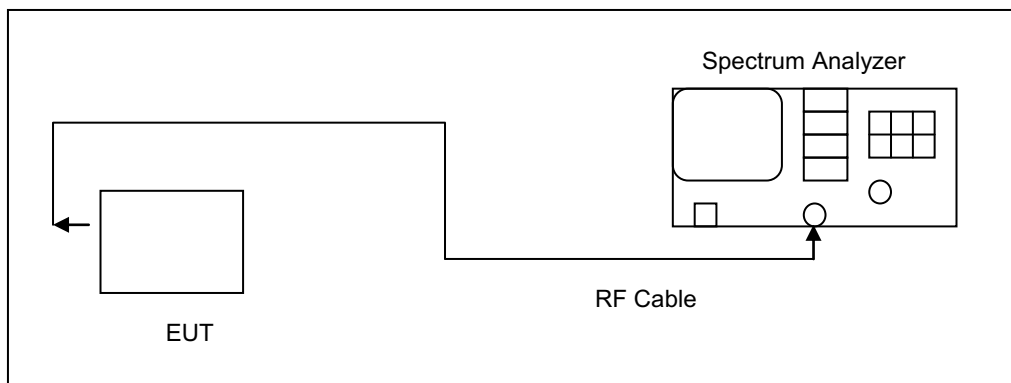
Mode 10: IEEE 802.11ac 80 MHz Continuous TX Mode _ANT-1	
CH42	 KeySight Spectrum Analyzer - Occupied BW Center Freq 5.210000000 GHz Center Freq: 5.210000000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 10.00 dBm Center 5.21 GHz #Res BW 1 MHz #VBW 3 MHz Span 90 MHz Sweep 1 ms Occupied Bandwidth 75.653 MHz Total Power 12.0 dBm Transmit Freq Error 19.710 kHz % of OBW Power 99.00 % x dB Bandwidth 81.26 MHz x dB -26.00 dB Frequency Center Freq 5.210000000 GHz CF Step 9.000000 MHz Auto Freq Offset 0 Hz MSG STATUS
CH58	 KeySight Spectrum Analyzer - Occupied BW Center Freq 5.290000000 GHz Center Freq: 5.290000000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 10.00 dBm Center 5.29 GHz #Res BW 1 MHz #VBW 3 MHz Span 90 MHz Sweep 1 ms Occupied Bandwidth 75.671 MHz Total Power 13.8 dBm Transmit Freq Error 136.05 kHz % of OBW Power 99.00 % x dB Bandwidth 81.77 MHz x dB -26.00 dB Frequency Center Freq 5.290000000 GHz CF Step 9.000000 MHz Auto Freq Offset 0 Hz MSG STATUS
CH106	 KeySight Spectrum Analyzer - Occupied BW Center Freq 5.530000000 GHz Center Freq: 5.530000000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref 10.00 dBm Center 5.53 GHz #Res BW 1 MHz #VBW 3 MHz Span 90 MHz Sweep 1 ms Occupied Bandwidth 75.764 MHz Total Power 11.6 dBm Transmit Freq Error -2.093 kHz % of OBW Power 99.00 % x dB Bandwidth 81.82 MHz x dB -26.00 dB Frequency Center Freq 5.530000000 GHz CF Step 9.000000 MHz Auto Freq Offset 0 Hz MSG STATUS

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：

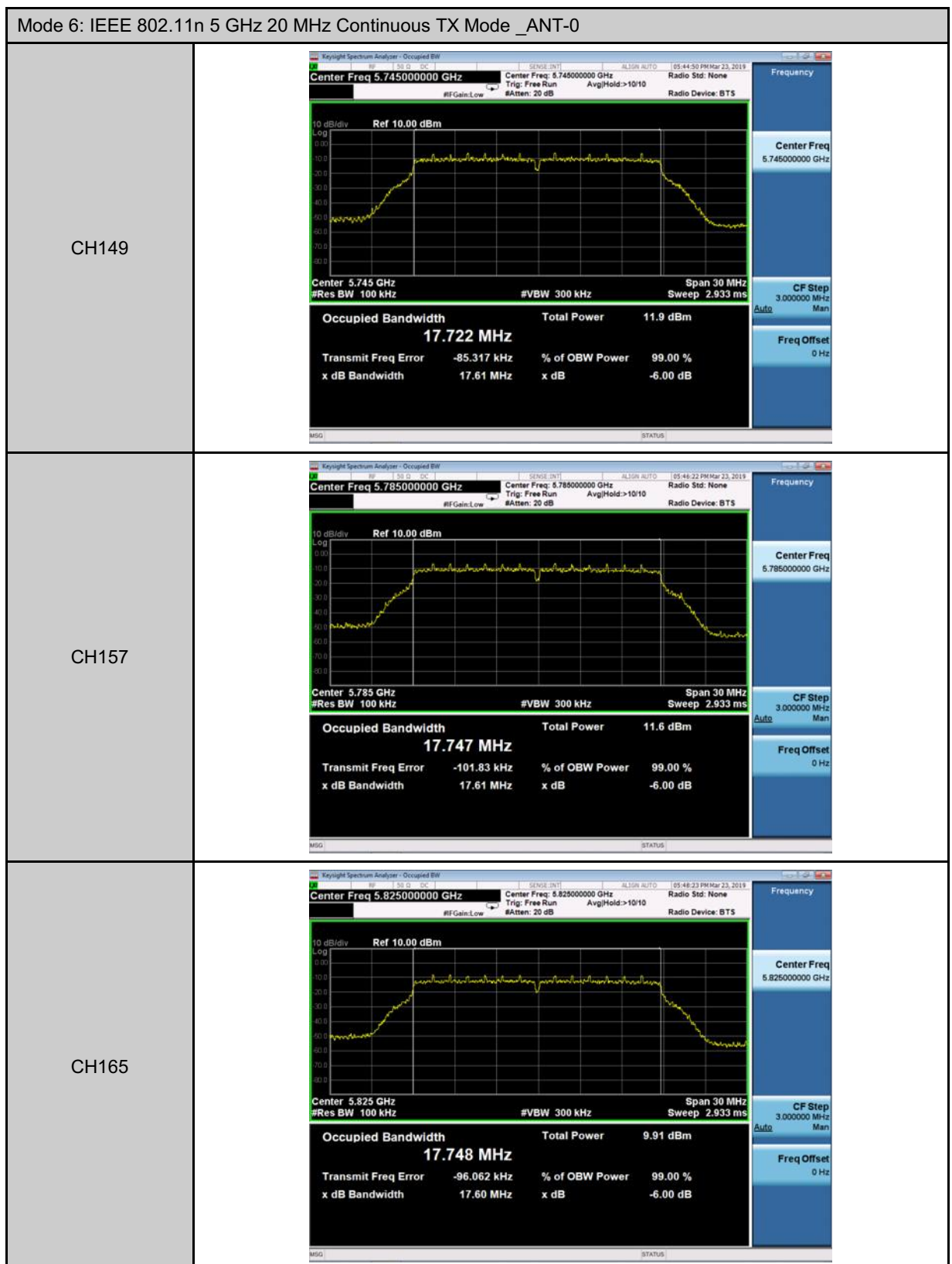


測試結果:

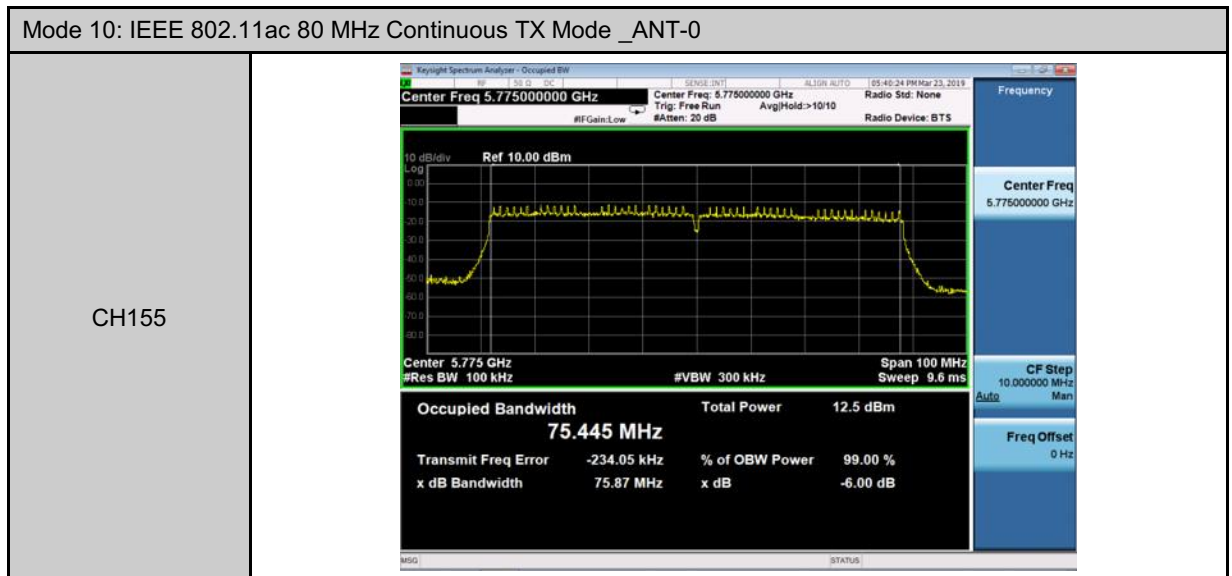
操作模式	: Mode 5 / Mode 6 / Mode 7 / Mode 10
測試結果	: 合格

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 5	149	5745.0	16360	---	≥ 500
	157	5785.0	16360	---	≥ 500
	165	5825.0	16340	---	≥ 500
Mode 6	149	5745.0	17610	17610	≥ 500
	157	5785.0	17610	17610	≥ 500
	165	5825.0	17600	17620	≥ 500
Mode 7	151	5755.0	36090	36320	≥ 500
	159	5795.0	36090	35790	≥ 500
Mode 10	155	5775.0	75870	75850	≥ 500







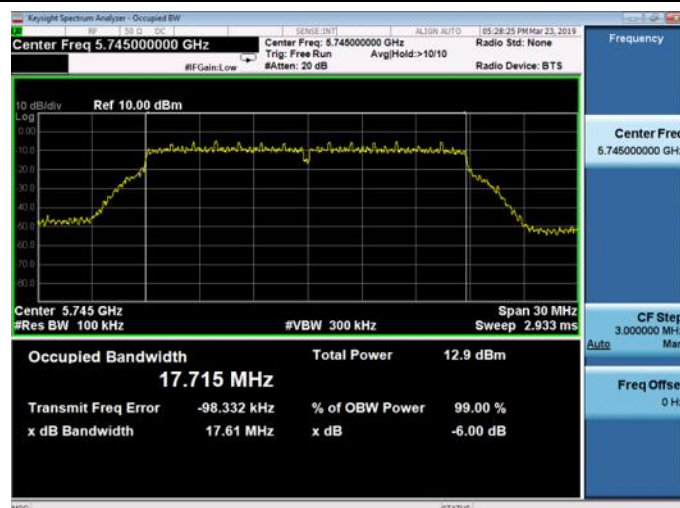


Mode 6: IEEE 802.11n 5 GHz 20 MHz Continuous TX Mode _ANT-1

CH149



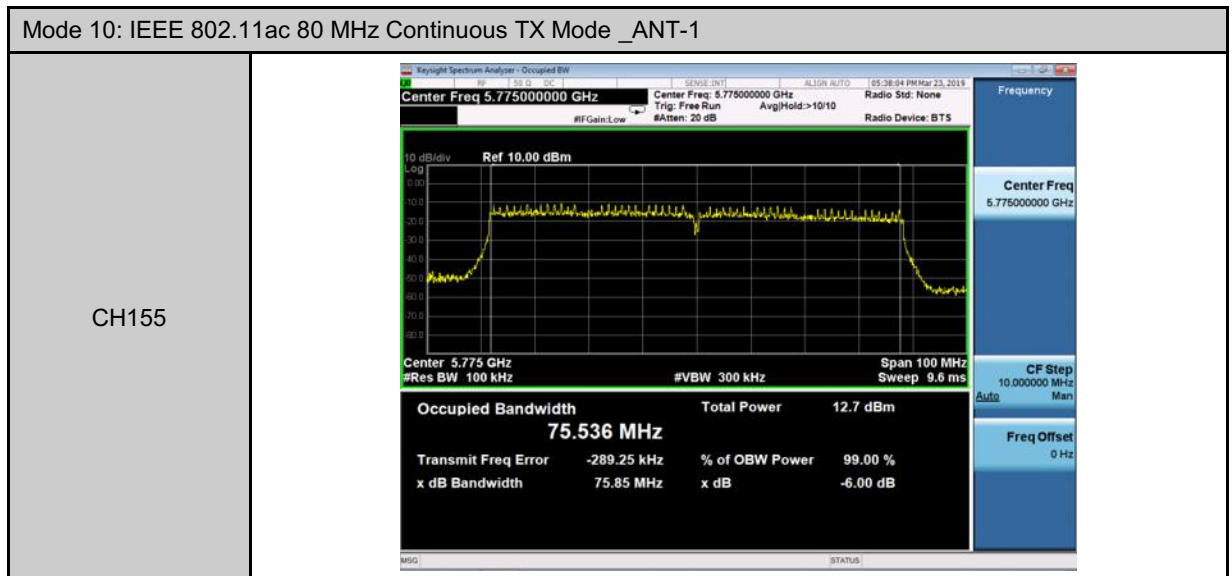
CH157



CH165





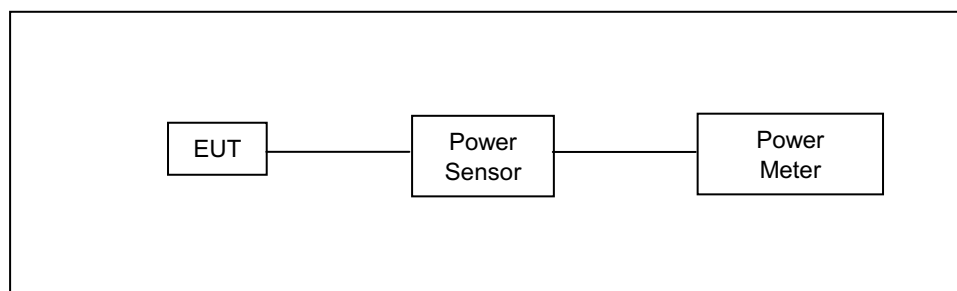


4.3.6 發射功率控制(TPC)之量測

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 5 / Mode 6 / Mode 7 / Mode 10
測試結果	: Mode 5: EIRP = 11.07 mW < 500 mW , 故不需評估發射功率控制(TPC)。 Mode 6: EIRP = 36.06 mW < 500 mW , 故不需評估發射功率控制(TPC)。 Mode 7: EIRP = 6.19 mW < 500 mW , 故不需評估發射功率控制(TPC)。 Mode 10: EIRP 31.19 mW < 500 mW , 故不需評估發射功率控制(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:

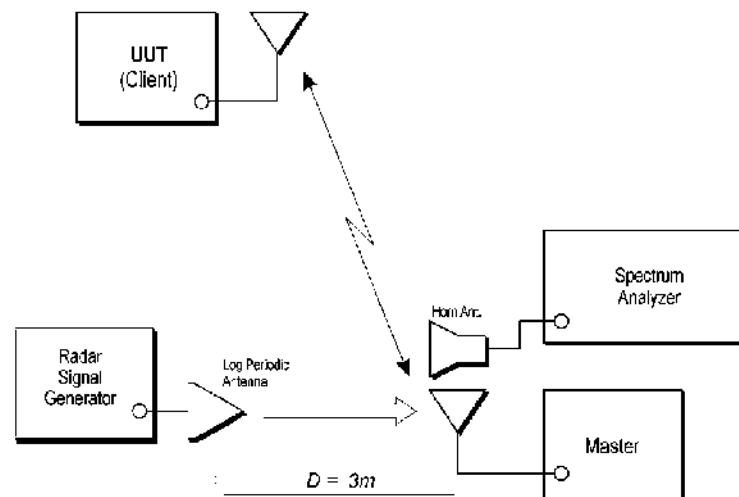
最低動態頻率選擇的偵測門檻

- 最大 EIRP 為 200 mW 至 1W 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-64 dBm。
- 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:

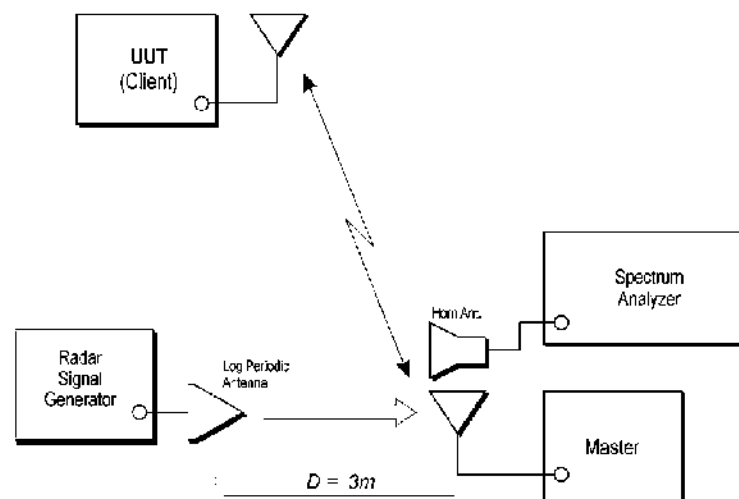
操作模式	: Mode 6 / Mode 7 / Mode 10
測試結果	: 不適用, 此產品為受控裝置, 因此不須評估動態頻率選擇(DFS)

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：

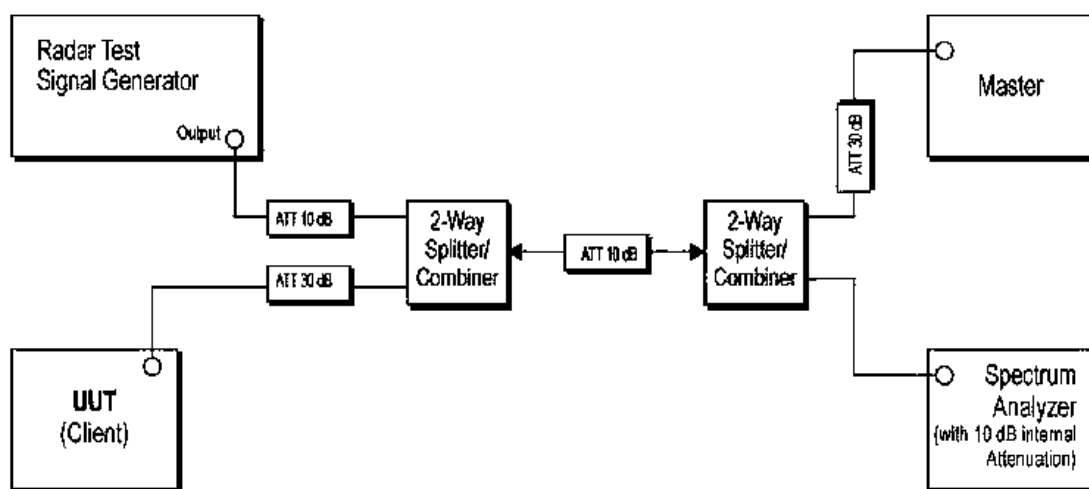
操作模式	: Mode 6
測試結果	: 不適用；此產品為受控裝置，因此不須評估頻道可用性檢查時間

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：



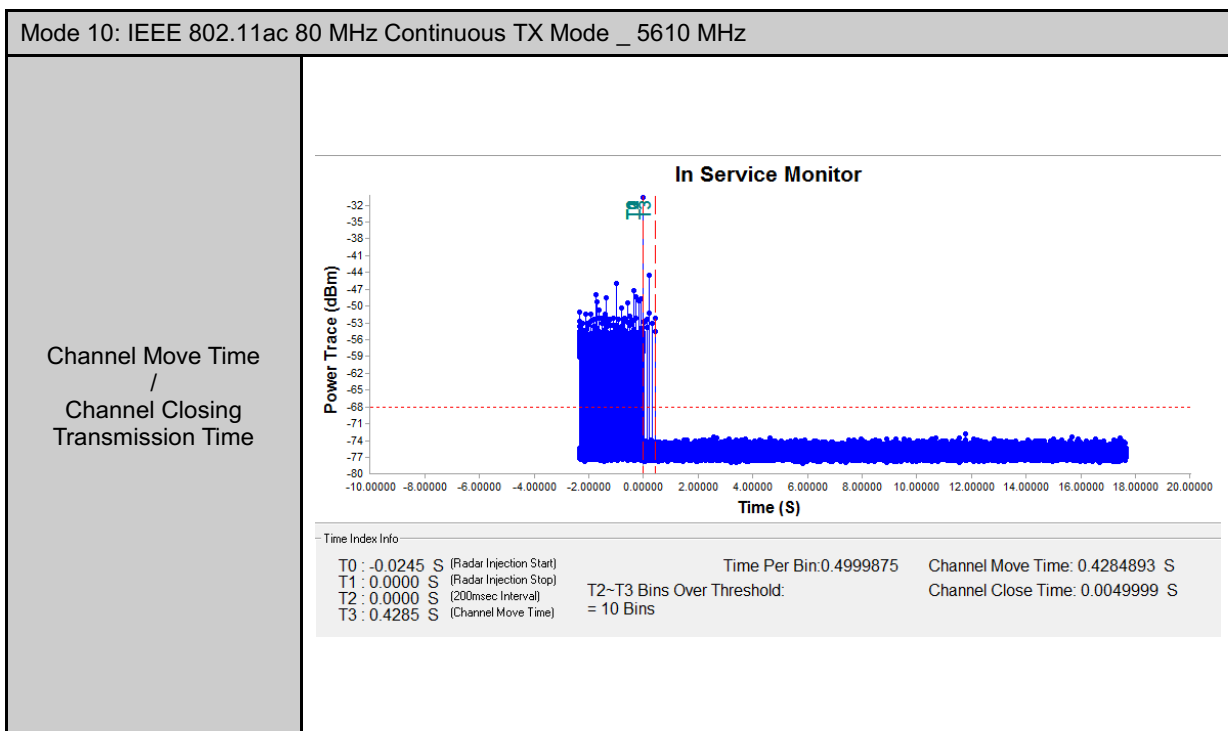
Product	Manufacturer	Model No.	ID
1. Netgear Access Point	Netgear	R7800	FCC : PY35100319

測試結果:

操作模式	: Mode 10
測試結果	: 合格

Frequency (MHz)	Radar Type	Channel Move Time (sec)	Limit (sec)
5530	Type 0	0.4285	10

Frequency (MHz)	Radar Type	Aggregate Channel Closing Transmission Time (msec)	Limit (msec)
5530	Type 0	4.9999	200

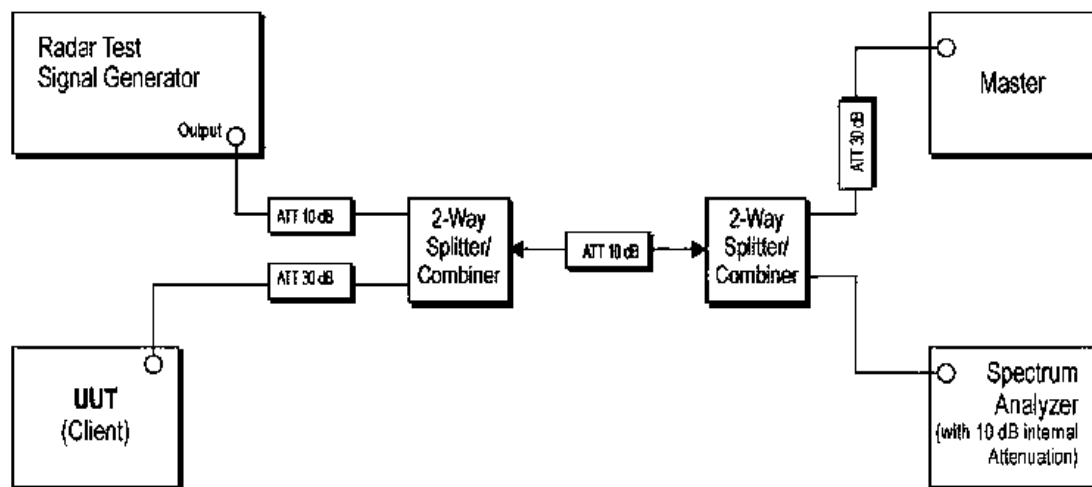


4.3.10 不可佔用時間之量測

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 6
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	Frequency (MHz)	增益值(dBi)
ANT-0	yitoa	2400112600	FPC Antenna	5150~5250	5.08
				5250~5350	4.78
				5470~5725	4.59
				5725~5850	5.31
ANT-1	yitoa	2400213600	FPC Antenna	5150~5250	3.96
				5250~5350	2.79
				5470~5725	5.22
				5725~5850	4.69