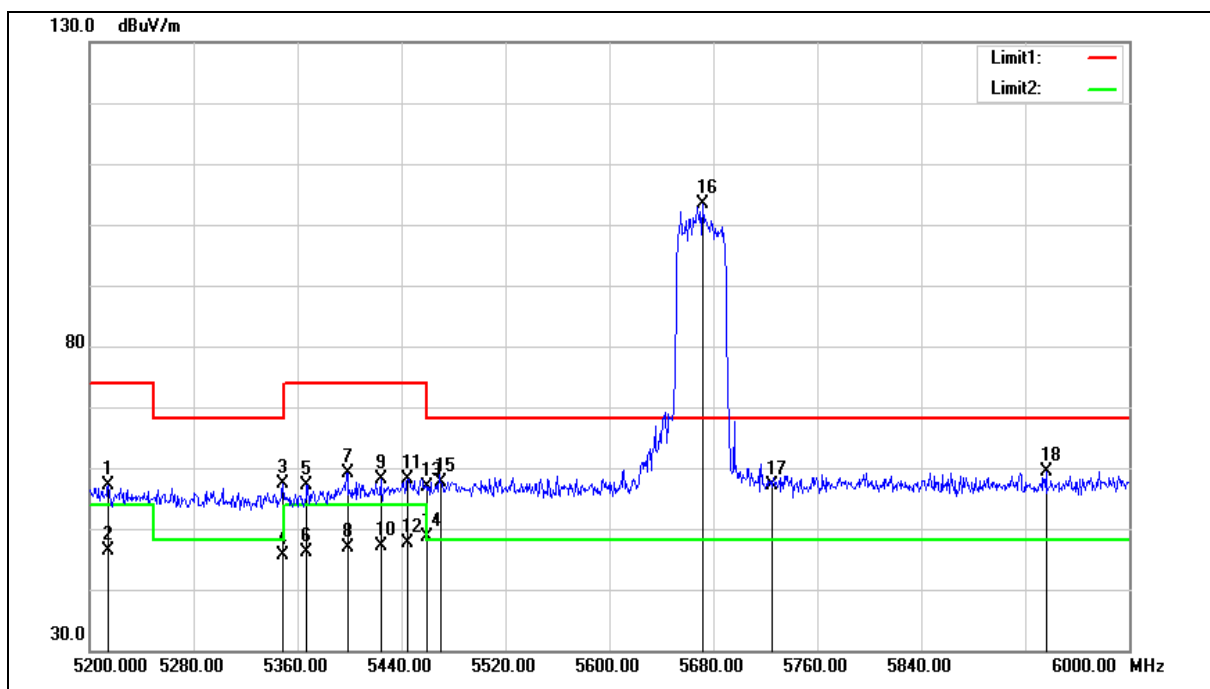


Standard:	LP0002	Test Distance:	3m
Test item:	Band edge		
Frequency:	5670 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5214.400	50.06	7.12	57.18	74.00	-16.82	peak
2	5214.400	39.25	7.12	46.37	54.00	-7.63	AVG
3	5348.800	49.96	7.50	57.46	68.20	-10.74	peak
4	5348.800	38.12	7.50	45.62	48.20	-2.58	AVG
5	5367.200	49.52	7.55	57.07	74.00	-16.93	peak
6	5367.200	38.59	7.55	46.14	54.00	-7.86	AVG
7	5398.400	51.49	7.65	59.14	74.00	-14.86	peak
8	5398.400	39.12	7.65	46.77	54.00	-7.23	AVG
9	5424.000	50.50	7.71	58.21	74.00	-15.79	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:	3m
Test item:	Band edge		
Frequency:	5670 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

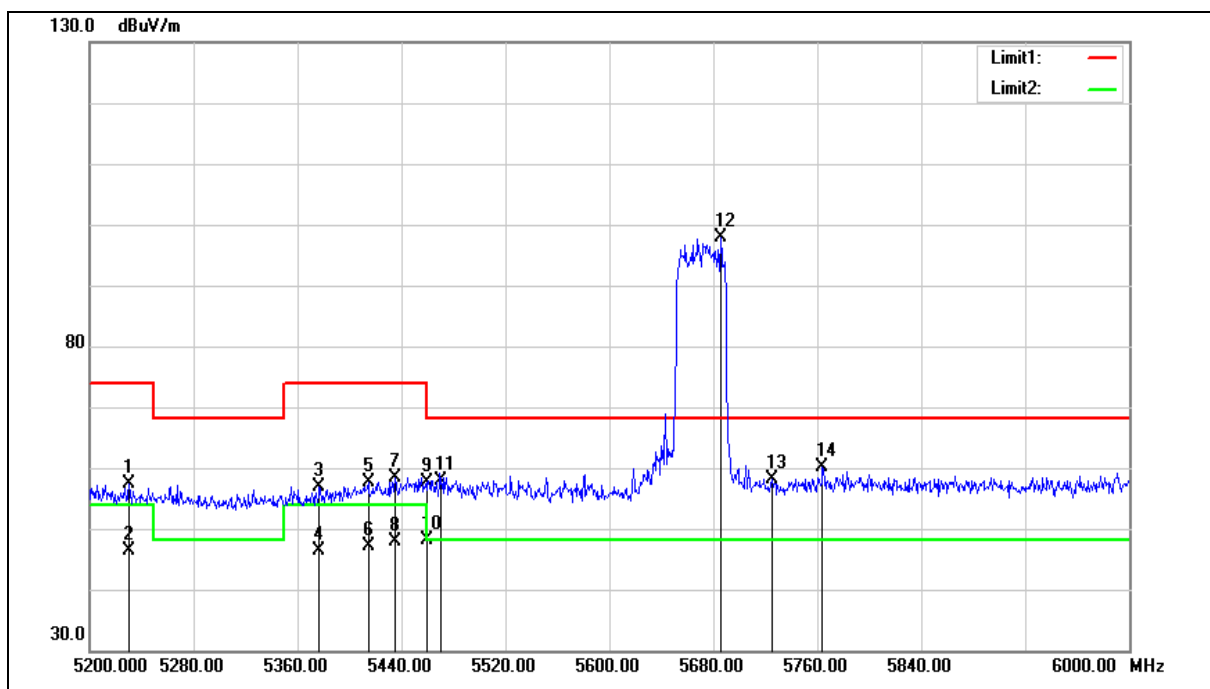
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	5424.000	39.45	7.71	47.16	54.00	-6.84	AVG
11	5444.800	50.36	7.77	58.13	74.00	-15.87	peak
12	5444.800	39.87	7.77	47.64	54.00	-6.36	AVG
13	5460.000	49.02	7.82	56.84	74.00	-17.16	peak
14	5460.000	40.69	7.82	48.51	54.00	-5.49	AVG
15	5470.000	49.90	7.85	57.75	68.20	-10.45	peak
16	5672.000	95.07	8.28	103.35	--	--	peak
17	5725.000	48.80	8.39	57.19	68.20	-11.01	peak
18	5936.000	50.60	8.82	59.42	68.20	-8.78	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:	3m
Test item:	Band edge		
Frequency:	5670 MHz		
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	5230.400	50.14	7.16	57.30	74.00	-16.70	peak
2	5230.400	39.11	7.16	46.27	54.00	-7.73	AVG
3	5376.800	49.38	7.59	56.97	74.00	-17.03	peak
4	5376.800	38.89	7.59	46.48	54.00	-7.52	AVG
5	5414.400	49.94	7.69	57.63	74.00	-16.37	peak
6	5414.400	39.36	7.69	47.05	54.00	-6.95	AVG
7	5435.200	50.62	7.75	58.37	74.00	-15.63	peak
8	5435.200	40.17	7.75	47.92	54.00	-6.08	AVG
9	5460.000	49.73	7.82	57.55	74.00	-16.45	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:	3m
Test item:	Band edge		
Frequency:	5670 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		

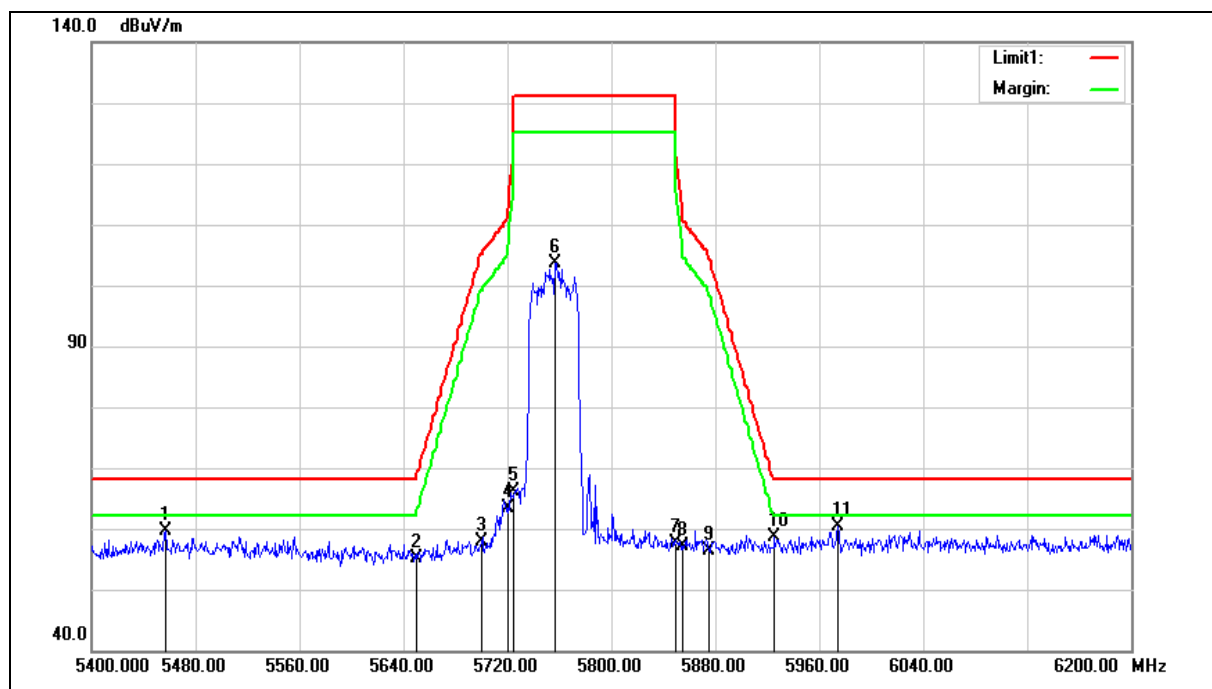
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	5460.000	40.26	7.82	48.08	54.00	-5.92	AVG
11	5470.000	49.98	7.85	57.83	68.20	-10.37	peak
12	5685.600	89.63	8.31	97.94	--	--	peak
13	5725.000	49.79	8.39	58.18	68.20	-10.02	peak
14	5764.000	51.72	8.46	60.18	68.20	-8.02	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:	3m
Test item:	Band edge		
Frequency:	5755 MHz		
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	5456.800	51.70	7.81	59.51	68.20	-8.69	peak
2	5650.000	46.89	8.24	55.13	68.20	-13.07	peak
3	5700.000	49.60	8.34	57.94	105.20	-47.26	peak
4	5720.000	55.07	8.38	63.45	110.80	-47.35	peak
5	5725.000	57.70	8.39	66.09	122.20	-56.11	peak
6	5756.800	95.09	8.45	103.54	--	--	peak
7	5850.000	48.96	8.63	57.59	122.20	-64.61	peak
8	5855.000	48.44	8.64	57.08	110.80	-53.72	peak
9	5875.000	47.80	8.69	56.49	105.20	-48.71	peak

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

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

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

Standard:	LP0002	Test Distance:	3m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

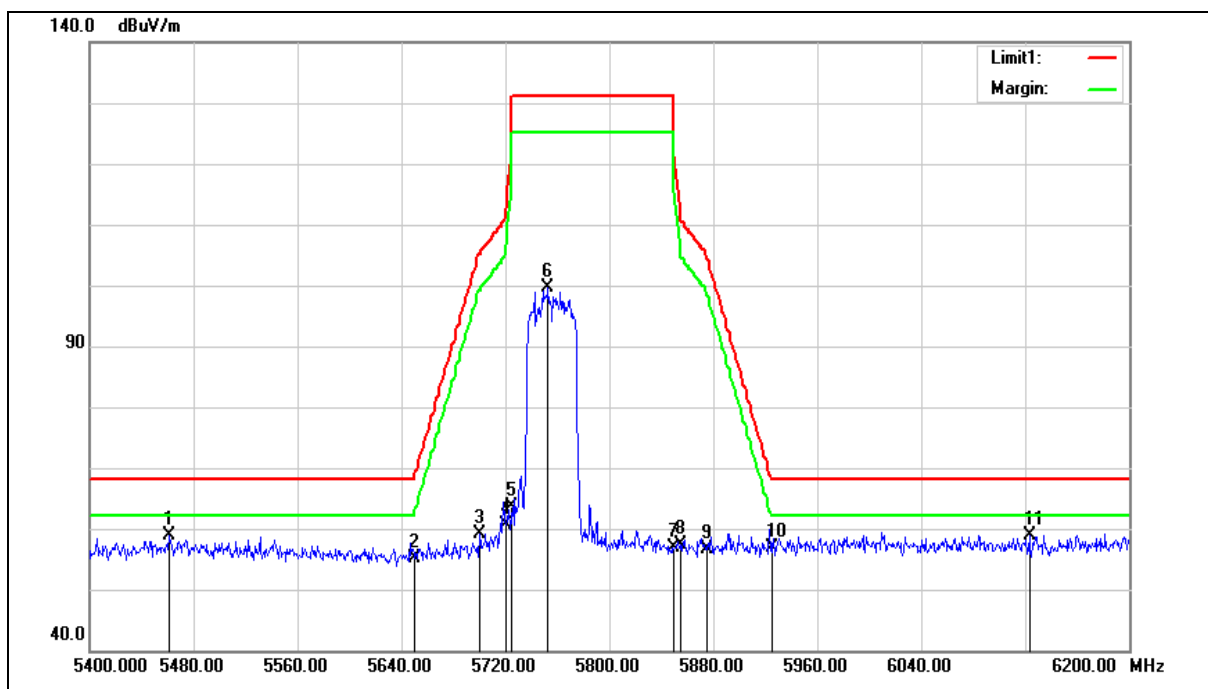
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	5925.000	49.91	8.79	58.70	68.20	-9.50	peak
11	5974.400	51.48	8.88	60.36	68.20	-7.84	peak

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

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

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

Standard:	LP0002	Test Distance:	3m
Test item:	Band edge		
Frequency:	5755 MHz		
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	5461.600	51.01	7.82	58.83	68.20	-9.37	peak
2	5650.000	46.79	8.24	55.03	68.20	-13.17	peak
3	5700.000	50.68	8.34	59.02	105.20	-46.18	peak
4	5720.000	52.26	8.38	60.64	110.80	-50.16	peak
5	5725.000	55.32	8.39	63.71	122.20	-58.49	peak
6	5752.800	91.27	8.44	99.71	--	--	peak
7	5850.000	48.26	8.63	56.89	122.20	-65.31	peak
8	5855.000	48.62	8.64	57.26	110.80	-53.54	peak
9	5875.000	47.87	8.69	56.56	105.20	-48.64	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:	3m
Test item:	Band edge		
Frequency:	5755 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		

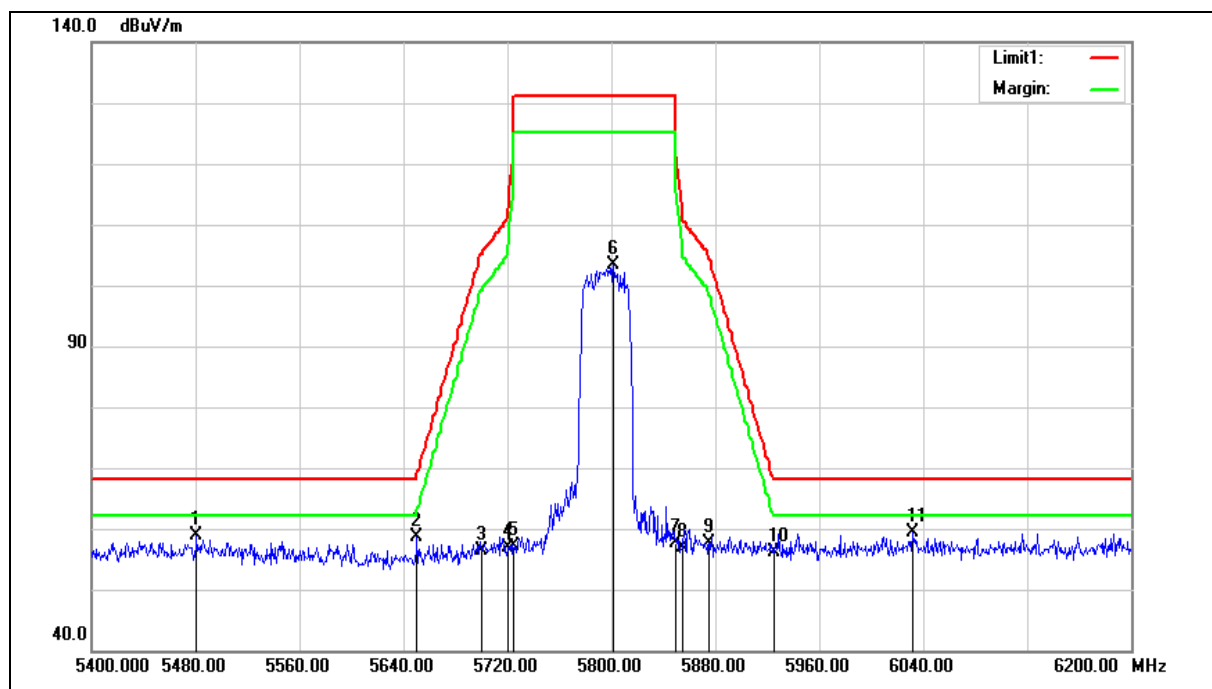
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	5925.000	48.00	8.79	56.79	68.20	-11.41	peak
11	6123.200	49.61	9.31	58.92	68.20	-9.28	peak

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:	3m
Test item:	Band edge		
Frequency:	5795 MHz		
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	5480.800	50.89	7.88	58.77	68.20	-9.43	peak
2	5650.000	50.45	8.24	58.69	68.20	-9.51	peak
3	5700.000	48.12	8.34	56.46	105.20	-48.74	peak
4	5720.000	48.58	8.38	56.96	110.80	-53.84	peak
5	5725.000	48.82	8.39	57.21	122.20	-64.99	peak
6	5801.600	94.82	8.54	103.36	--	--	peak
7	5850.000	48.98	8.63	57.61	122.20	-64.59	peak
8	5855.000	48.31	8.64	56.95	110.80	-53.85	peak
9	5875.000	49.02	8.69	57.71	105.20	-47.49	peak

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

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

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

Standard:	LP0002	Test Distance:	3m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

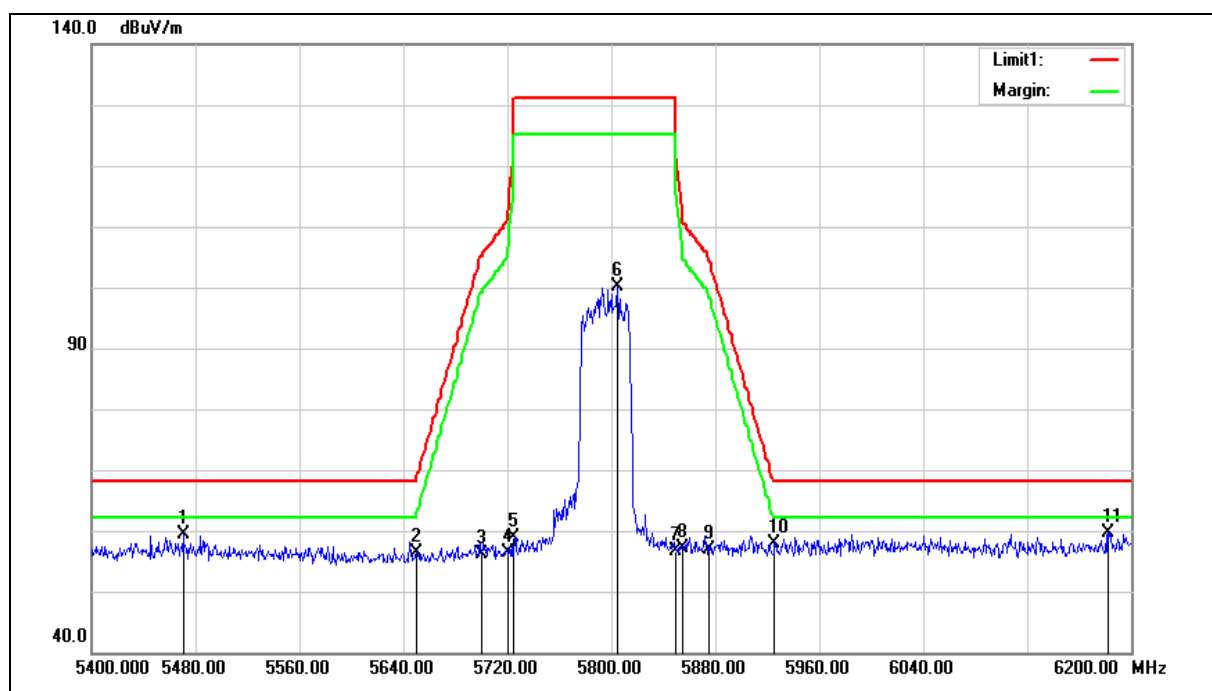
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5480.800	50.89	7.88	58.77	68.20	-9.43	peak
2	5650.000	50.45	8.24	58.69	68.20	-9.51	peak
3	5700.000	48.12	8.34	56.46	105.20	-48.74	peak
4	5720.000	48.58	8.38	56.96	110.80	-53.84	peak
5	5725.000	48.82	8.39	57.21	122.20	-64.99	peak
6	5801.600	94.82	8.54	103.36	--	--	peak
7	5850.000	48.98	8.63	57.61	122.20	-64.59	peak
8	5855.000	48.31	8.64	56.95	110.80	-53.85	peak
9	5875.000	49.02	8.69	57.71	105.20	-47.49	peak

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

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

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

Standard:	LP0002	Test Distance:	3m
Test item:	Band edge		
Frequency:	5795 MHz		
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	5470.400	51.47	7.85	59.32	68.20	-8.88	peak
2	5650.000	48.05	8.24	56.29	68.20	-11.91	peak
3	5700.000	47.74	8.34	56.08	105.20	-49.12	peak
4	5720.000	48.10	8.38	56.48	110.80	-54.32	peak
5	5725.000	50.57	8.39	58.96	122.20	-63.24	peak
6	5804.800	91.49	8.54	100.03	--	--	peak
7	5850.000	48.10	8.63	56.73	122.20	-65.47	peak
8	5855.000	48.41	8.64	57.05	110.80	-53.75	peak
9	5875.000	48.28	8.69	56.97	105.20	-48.23	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:	3m
Test item:	Band edge		
Frequency:	5795 MHz		
Mode:	Mode 9		
Ant.Polar.:	Vertical		

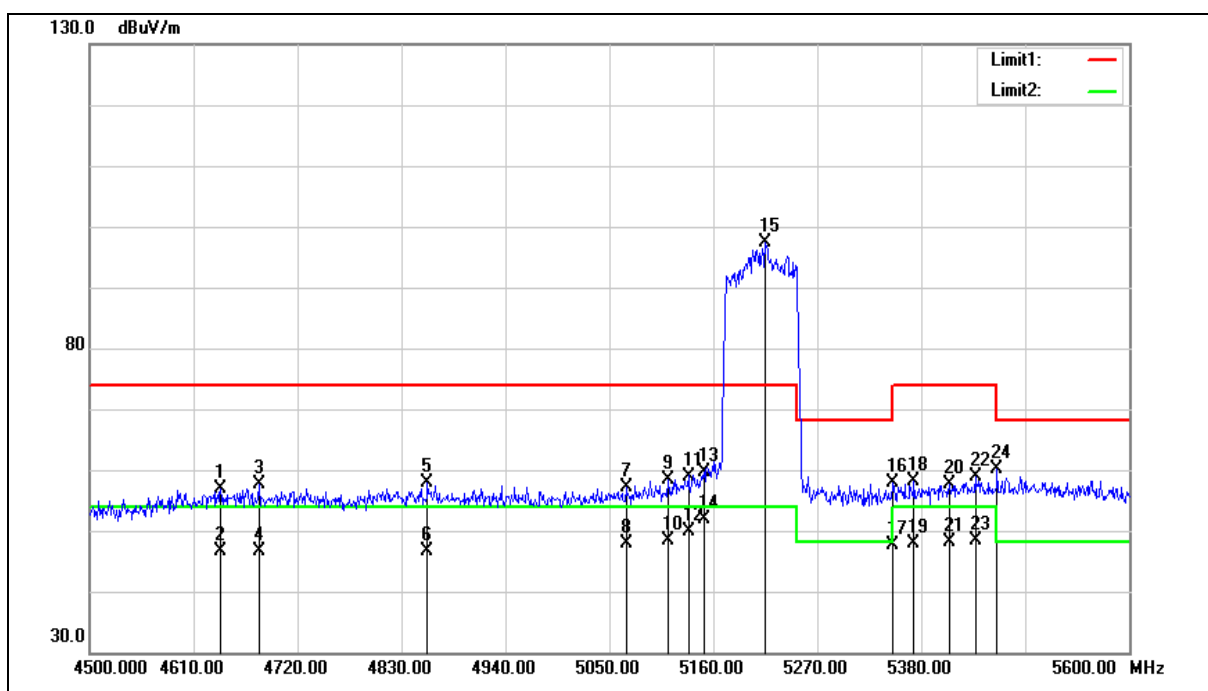
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	5925.000	49.04	8.79	57.83	68.20	-10.37	peak
11	6182.400	50.17	9.48	59.65	68.20	-8.55	peak

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:	3m
Test item:	Band edge		
Frequency:	5210 MHz		
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	4638.600	51.59	5.40	56.99	74.00	-17.01	peak
2	4638.600	41.27	5.40	46.67	54.00	-7.33	AVG
3	4679.300	52.04	5.53	57.57	74.00	-16.43	peak
4	4679.300	41.21	5.53	46.74	54.00	-7.26	AVG
5	4857.500	51.76	6.08	57.84	74.00	-16.16	peak
6	4857.500	40.56	6.08	46.64	54.00	-7.36	AVG
7	5067.600	50.50	6.70	57.20	74.00	-16.80	peak
8	5067.600	41.27	6.70	47.97	54.00	-6.03	AVG
9	5112.700	51.57	6.82	58.39	74.00	-15.61	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:	3m
Test item:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

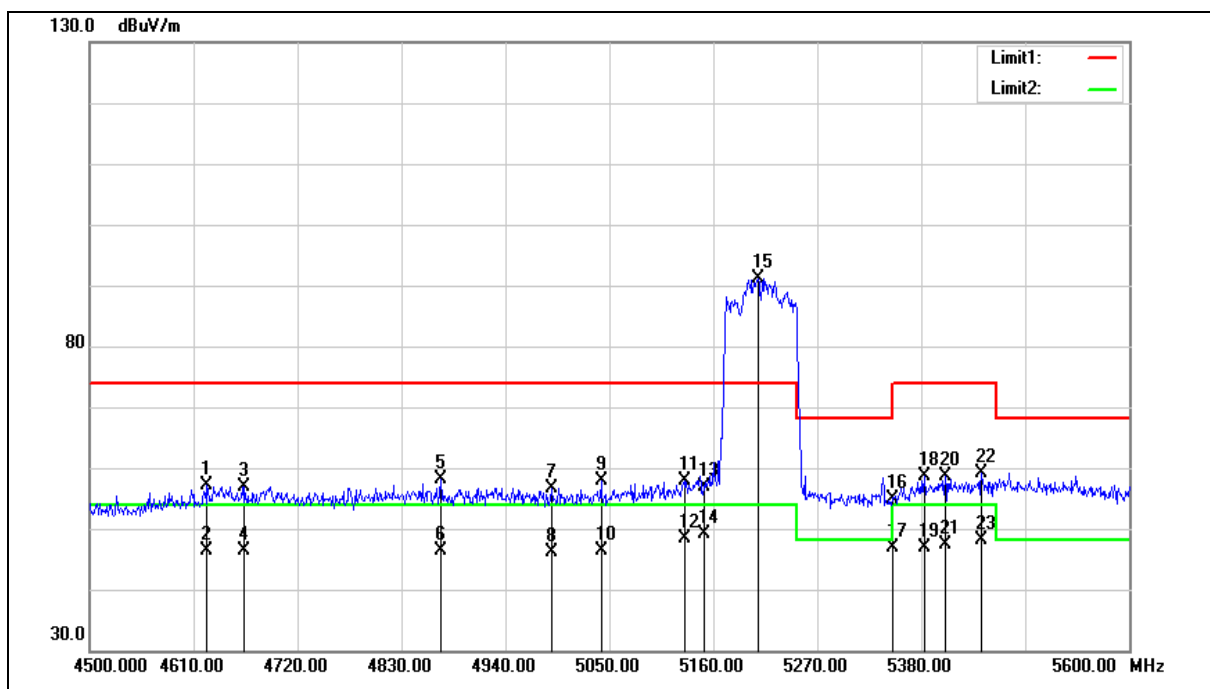
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	5112.700	41.47	6.82	48.29	54.00	-5.71	AVG
11	5133.600	52.11	6.89	59.00	74.00	-15.00	peak
12	5133.600	43.08	6.89	49.97	54.00	-4.03	AVG
13	5150.000	52.68	6.94	59.62	74.00	-14.38	peak
14	5150.000	45.03	6.94	51.97	54.00	-2.03	AVG
15	5215.000	90.30	7.13	97.43	--	--	peak
16	5350.000	50.27	7.50	57.77	74.00	-16.23	peak
17	5350.000	40.14	7.50	47.64	54.00	-6.36	AVG
18	5372.300	50.61	7.56	58.17	74.00	-15.83	peak
19	5372.300	40.30	7.56	47.86	54.00	-6.14	AVG
20	5409.700	50.05	7.68	57.73	74.00	-16.27	peak
21	5409.700	40.47	7.68	48.15	54.00	-5.85	AVG
22	5437.200	51.20	7.76	58.96	74.00	-15.04	peak
23	5437.200	40.62	7.76	48.38	54.00	-5.62	AVG
24	5460.300	52.23	7.82	60.05	68.20	-8.15	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:	3m
Test item:	Band edge		
Frequency:	5210 MHz		
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	4624.300	51.87	5.36	57.23	74.00	-16.77	peak
2	4624.300	40.94	5.36	46.30	54.00	-7.70	AVG
3	4663.900	51.50	5.48	56.98	74.00	-17.02	peak
4	4663.900	40.78	5.48	46.26	54.00	-7.74	AVG
5	4871.800	52.05	6.12	58.17	74.00	-15.83	peak
6	4871.800	40.32	6.12	46.44	54.00	-7.56	AVG
7	4988.400	50.26	6.47	56.73	74.00	-17.27	peak
8	4988.400	39.74	6.47	46.21	54.00	-7.79	AVG
9	5041.200	51.18	6.62	57.80	74.00	-16.20	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:	3m
Test item:	Band edge		
Frequency:	5210 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		

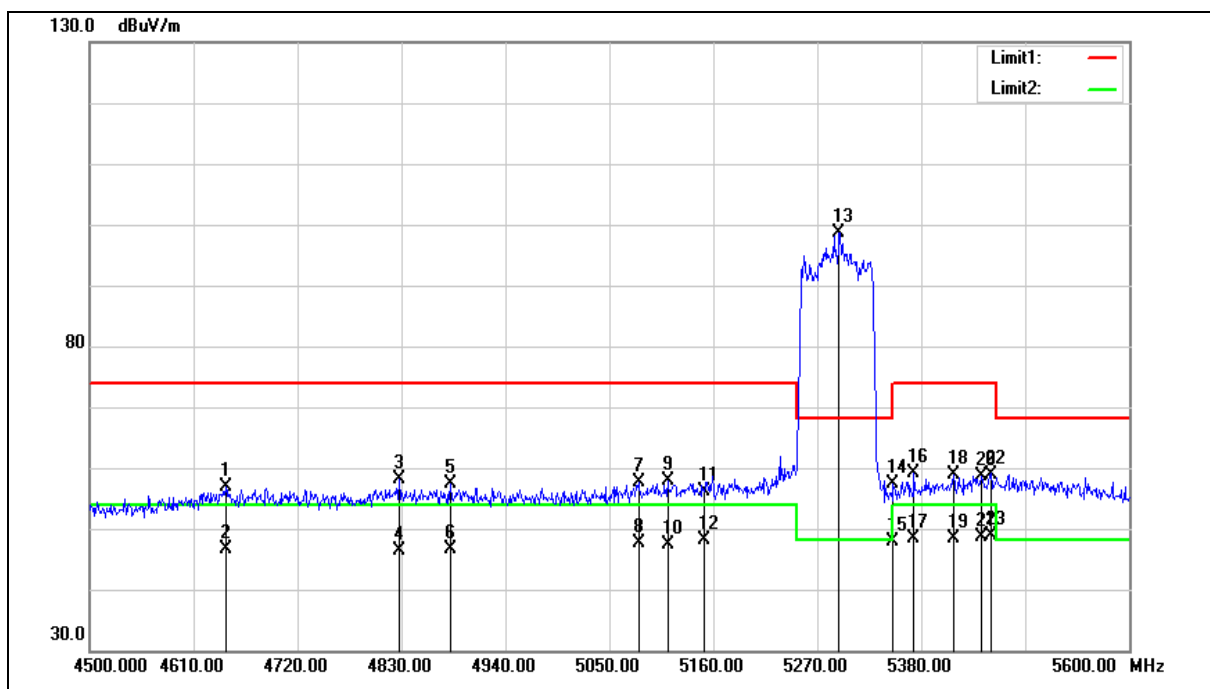
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	5041.200	39.76	6.62	46.38	54.00	-7.62	AVG
11	5130.300	51.05	6.88	57.93	74.00	-16.07	peak
12	5130.300	41.38	6.88	48.26	54.00	-5.74	AVG
13	5150.000	49.89	6.94	56.83	74.00	-17.17	peak
14	5150.000	42.21	6.94	49.15	54.00	-4.85	AVG
15	5207.300	83.98	7.10	91.08	--	--	peak
16	5350.000	47.30	7.50	54.80	74.00	-19.20	peak
17	5350.000	39.44	7.50	46.94	54.00	-7.06	AVG
18	5383.300	51.04	7.60	58.64	74.00	-15.36	peak
19	5383.300	39.39	7.60	46.99	54.00	-7.01	AVG
20	5405.300	50.96	7.67	58.63	74.00	-15.37	peak
21	5405.300	39.69	7.67	47.36	54.00	-6.64	AVG
22	5443.800	51.33	7.77	59.10	74.00	-14.90	peak
23	5443.800	40.36	7.77	48.13	54.00	-5.87	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:	3m
Test item:	Band edge		
Frequency:	5290 MHz		
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	4644.100	51.58	5.42	57.00	74.00	-17.00	peak
2	4644.100	41.23	5.42	46.65	54.00	-7.35	AVG
3	4827.800	52.16	5.98	58.14	74.00	-15.86	peak
4	4827.800	40.34	5.98	46.32	54.00	-7.68	AVG
5	4881.700	51.11	6.15	57.26	74.00	-16.74	peak
6	4881.700	40.40	6.15	46.55	54.00	-7.45	AVG
7	5080.800	50.80	6.74	57.54	74.00	-16.46	peak
8	5080.800	40.87	6.74	47.61	54.00	-6.39	AVG
9	5111.600	51.05	6.82	57.87	74.00	-16.13	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:	3m
Test item:	Band edge		
Frequency:	5290 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

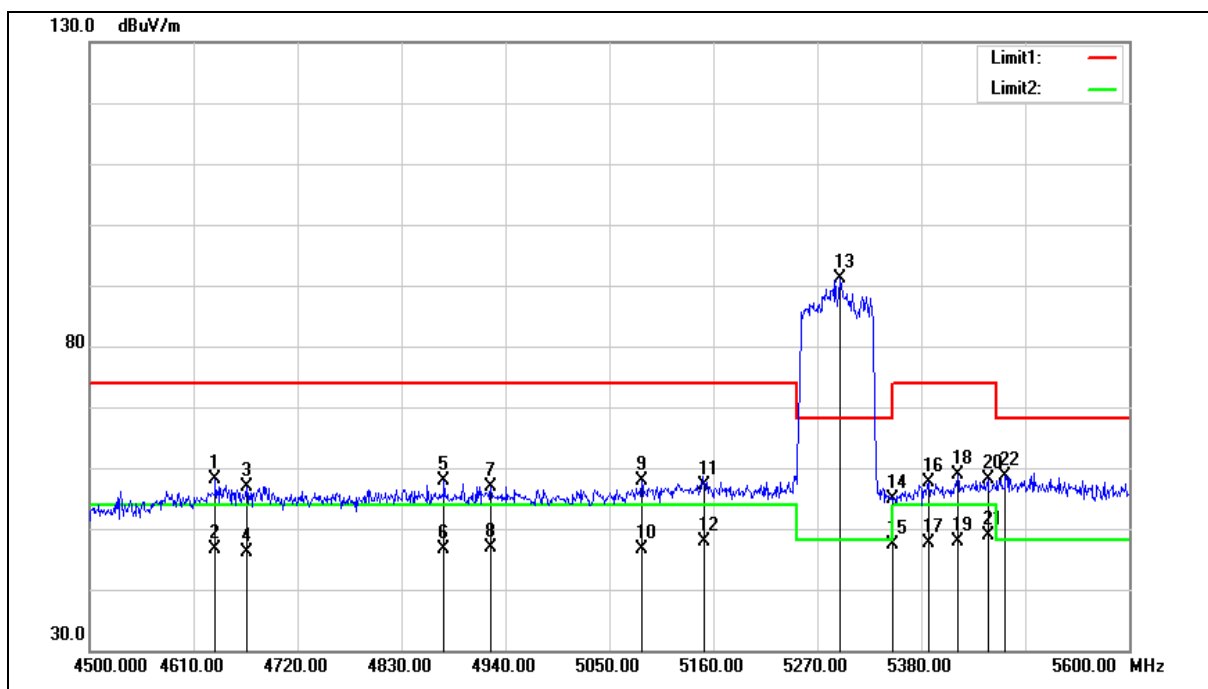
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	5111.600	40.59	6.82	47.41	54.00	-6.59	AVG
11	5150.000	49.17	6.94	56.11	74.00	-17.89	peak
12	5150.000	41.14	6.94	48.08	54.00	-5.92	AVG
13	5293.100	91.36	7.34	98.70	--	--	peak
14	5350.000	49.82	7.50	57.32	74.00	-16.68	peak
15	5350.000	40.42	7.50	47.92	54.00	-6.08	AVG
16	5372.300	51.57	7.56	59.13	74.00	-14.87	peak
17	5372.300	40.94	7.56	48.50	54.00	-5.50	AVG
18	5414.100	51.09	7.69	58.78	74.00	-15.22	peak
19	5414.100	40.80	7.69	48.49	54.00	-5.51	AVG
20	5443.800	50.90	7.77	58.67	74.00	-15.33	peak
21	5443.800	40.92	7.77	48.69	54.00	-5.31	AVG
22	5453.700	51.20	7.80	59.00	74.00	-15.00	peak
23	5453.700	41.05	7.80	48.85	54.00	-5.15	AVG

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

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

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

Standard:	LP0002	Test Distance:	3m
Test item:	Band edge		
Frequency:	5290 MHz		
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	4633.100	52.70	5.38	58.08	74.00	-15.92	peak
2	4633.100	41.17	5.38	46.55	54.00	-7.45	AVG
3	4666.100	51.49	5.50	56.99	74.00	-17.01	peak
4	4666.100	40.69	5.50	46.19	54.00	-7.81	AVG
5	4875.100	51.84	6.13	57.97	74.00	-16.03	peak
6	4875.100	40.39	6.13	46.52	54.00	-7.48	AVG
7	4924.600	50.60	6.28	56.88	74.00	-17.12	peak
8	4924.600	40.54	6.28	46.82	54.00	-7.18	AVG
9	5084.100	51.08	6.74	57.82	74.00	-16.18	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:	3m
Test item:	Band edge		
Frequency:	5290 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		

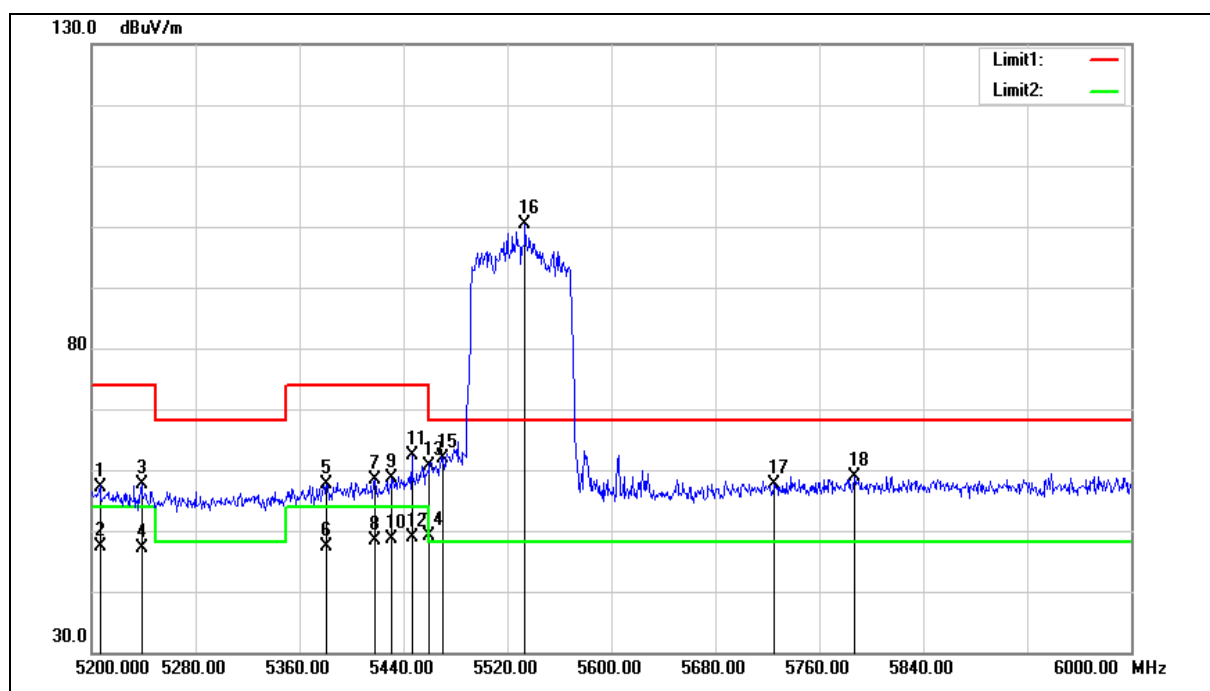
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	5084.100	40.00	6.74	46.74	54.00	-7.26	AVG
11	5150.000	50.14	6.94	57.08	74.00	-16.92	peak
12	5150.000	40.92	6.94	47.86	54.00	-6.14	AVG
13	5294.200	83.85	7.34	91.19	--	--	peak
14	5350.000	47.26	7.50	54.76	74.00	-19.24	peak
15	5350.000	39.88	7.50	47.38	54.00	-6.62	AVG
16	5387.700	50.04	7.62	57.66	74.00	-16.34	peak
17	5387.700	40.12	7.62	47.74	54.00	-6.26	AVG
18	5418.500	51.10	7.70	58.80	74.00	-15.20	peak
19	5418.500	40.14	7.70	47.84	54.00	-6.16	AVG
20	5450.400	50.30	7.79	58.09	74.00	-15.91	peak
21	5450.400	41.00	7.79	48.79	54.00	-5.21	AVG
22	5469.100	50.85	7.84	58.69	68.20	-9.51	peak

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

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

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

Standard:	LP0002	Test Distance:	3m
Test item:	Band edge		
Frequency:	5530 MHz		
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	5206.400	50.15	7.10	57.25	74.00	-16.75	peak
2	5206.400	40.39	7.10	47.49	54.00	-6.51	AVG
3	5238.400	50.32	7.19	57.51	74.00	-16.49	peak
4	5238.400	39.83	7.19	47.02	54.00	-6.98	AVG
5	5380.800	49.93	7.60	57.53	74.00	-16.47	peak
6	5380.800	39.77	7.60	47.37	54.00	-6.63	AVG
7	5418.400	50.69	7.70	58.39	74.00	-15.61	peak
8	5418.400	40.56	7.70	48.26	54.00	-5.74	AVG
9	5431.200	50.95	7.74	58.69	74.00	-15.31	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:	3m
Test item:	Band edge		
Frequency:	5530 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

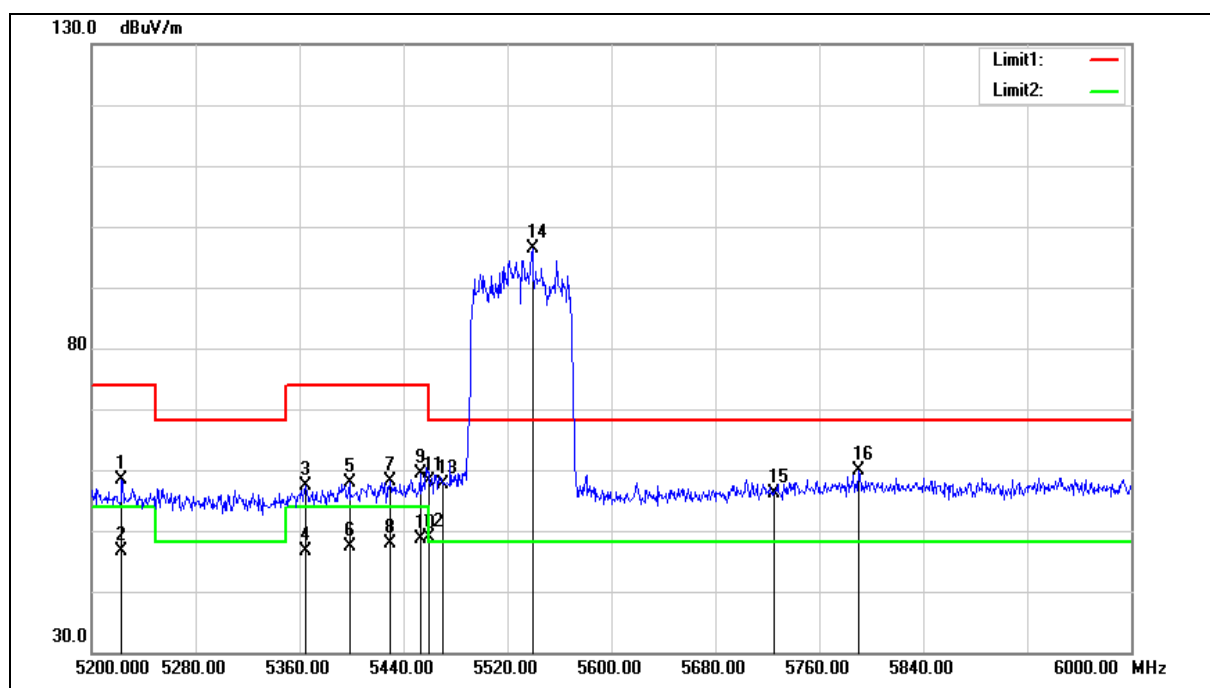
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	5431.200	40.80	7.74	48.54	54.00	-5.46	AVG
11	5446.400	54.52	7.78	62.30	74.00	-11.70	peak
12	5446.400	41.12	7.78	48.90	54.00	-5.10	AVG
13	5460.000	52.70	7.82	60.52	74.00	-13.48	peak
14	5460.000	41.27	7.82	49.09	54.00	-4.91	AVG
15	5470.000	54.13	7.85	61.98	68.20	-6.22	peak
16	5533.600	92.46	7.99	100.45	--	--	peak
17	5725.000	49.29	8.39	57.68	68.20	-10.52	peak
18	5787.200	50.43	8.51	58.94	68.20	-9.26	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:	3m
Test item:	Band edge		
Frequency:	5530 MHz		
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	5223.200	51.31	7.14	58.45	74.00	-15.55	peak
2	5223.200	39.48	7.14	46.62	54.00	-7.38	AVG
3	5364.800	49.85	7.54	57.39	74.00	-16.61	peak
4	5364.800	39.17	7.54	46.71	54.00	-7.29	AVG
5	5398.400	50.12	7.65	57.77	74.00	-16.23	peak
6	5398.400	39.71	7.65	47.36	54.00	-6.64	AVG
7	5429.600	50.44	7.73	58.17	74.00	-15.83	peak
8	5429.600	40.14	7.73	47.87	54.00	-6.13	AVG
9	5452.800	51.46	7.80	59.26	74.00	-14.74	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:	3m
Test item:	Band edge		
Frequency:	5530 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		

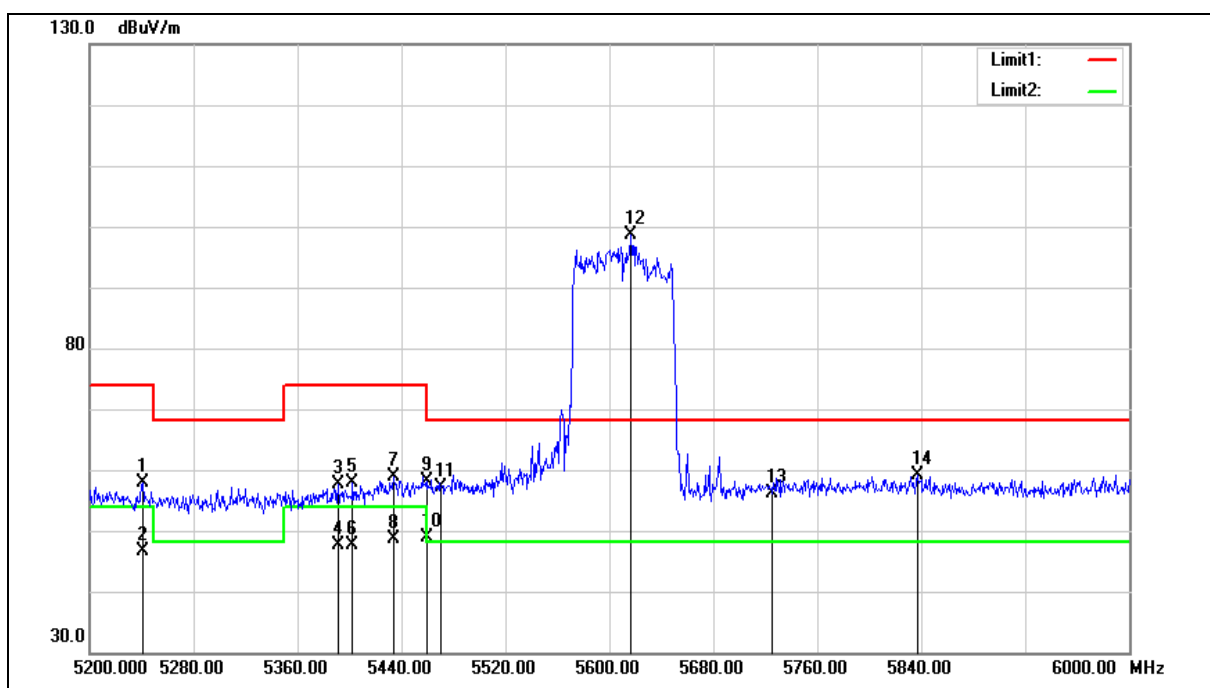
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	5452.800	40.73	7.80	48.53	54.00	-5.47	AVG
11	5460.000	50.24	7.82	58.06	74.00	-15.94	peak
12	5460.000	41.00	7.82	48.82	54.00	-5.18	AVG
13	5470.000	49.89	7.85	57.74	68.20	-10.46	peak
14	5539.200	88.30	8.01	96.31	--	--	peak
15	5725.000	47.72	8.39	56.11	68.20	-12.09	peak
16	5790.400	51.28	8.51	59.79	68.20	-8.41	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:	3m
Test item:	Band edge		
Frequency:	5610 MHz		
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	5240.800	50.68	7.19	57.87	74.00	-16.13	peak
2	5240.800	39.47	7.19	46.66	54.00	-7.34	AVG
3	5391.200	50.06	7.62	57.68	74.00	-16.32	peak
4	5391.200	39.89	7.62	47.51	54.00	-6.49	AVG
5	5402.400	50.29	7.65	57.94	74.00	-16.06	peak
6	5402.400	40.09	7.65	47.74	54.00	-6.26	AVG
7	5433.600	51.05	7.74	58.79	74.00	-15.21	peak
8	5433.600	40.96	7.74	48.70	54.00	-5.30	AVG
9	5460.000	50.37	7.82	58.19	74.00	-15.81	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:	3m
Test item:	Band edge		
Frequency:	5610 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

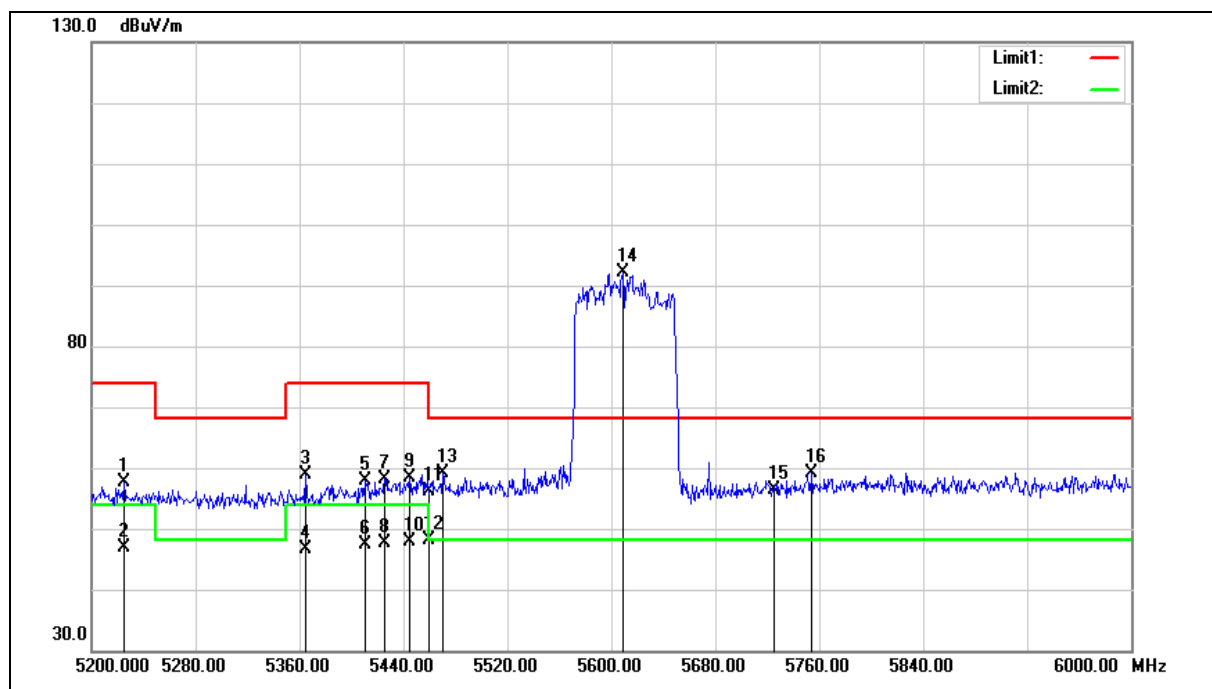
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	5460.000	41.09	7.82	48.91	54.00	-5.09	AVG
11	5470.000	49.25	7.85	57.10	68.20	-11.10	peak
12	5616.000	90.57	8.16	98.73	--	--	peak
13	5725.000	47.74	8.39	56.13	68.20	-12.07	peak
14	5836.800	50.40	8.61	59.01	68.20	-9.19	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:	3m
Test item:	Band edge		
Frequency:	5610 MHz		
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	5224.800	50.46	7.14	57.60	74.00	-16.40	peak
2	5224.800	39.67	7.14	46.81	54.00	-7.19	AVG
3	5364.800	51.24	7.54	58.78	74.00	-15.22	peak
4	5364.800	39.11	7.54	46.65	54.00	-7.35	AVG
5	5410.400	50.25	7.68	57.93	74.00	-16.07	peak
6	5410.400	39.71	7.68	47.39	54.00	-6.61	AVG
7	5425.600	50.52	7.73	58.25	74.00	-15.75	peak
8	5425.600	40.02	7.73	47.75	54.00	-6.25	AVG
9	5444.800	50.66	7.77	58.43	74.00	-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:	3m
Test item:	Band edge		
Frequency:	5610 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		

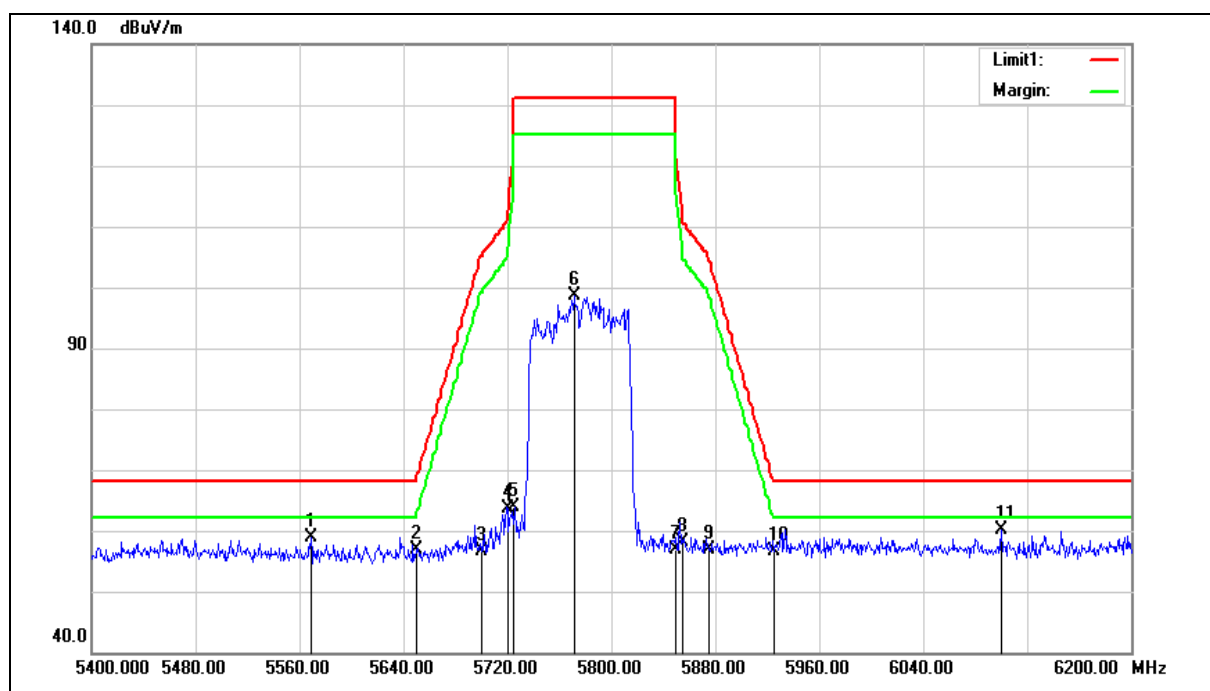
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	5444.800	40.19	7.77	47.96	54.00	-6.04	AVG
11	5460.000	48.27	7.82	56.09	74.00	-17.91	peak
12	5460.000	40.42	7.82	48.24	54.00	-5.76	AVG
13	5470.000	51.24	7.85	59.09	68.20	-9.11	peak
14	5608.800	83.94	8.15	92.09	--	--	peak
15	5725.000	47.97	8.39	56.36	68.20	-11.84	peak
16	5754.400	50.79	8.44	59.23	68.20	-8.97	peak

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

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

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

Standard:	LP0002	Test Distance:	3m
Test item:	Band edge		
Frequency:	5775 MHz		
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	5568.800	50.87	8.07	58.94	68.20	-9.26	peak
2	5650.000	48.67	8.24	56.91	68.20	-11.29	peak
3	5700.000	48.39	8.34	56.73	105.20	-48.47	peak
4	5720.000	55.21	8.38	63.59	110.80	-47.21	peak
5	5725.000	55.50	8.39	63.89	122.20	-58.31	peak
6	5771.200	90.20	8.48	98.68	--	--	peak
7	5850.000	48.31	8.63	56.94	122.20	-65.26	peak
8	5855.000	49.48	8.64	58.12	110.80	-52.68	peak
9	5875.000	48.09	8.69	56.78	105.20	-48.42	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:	3m
Test item:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

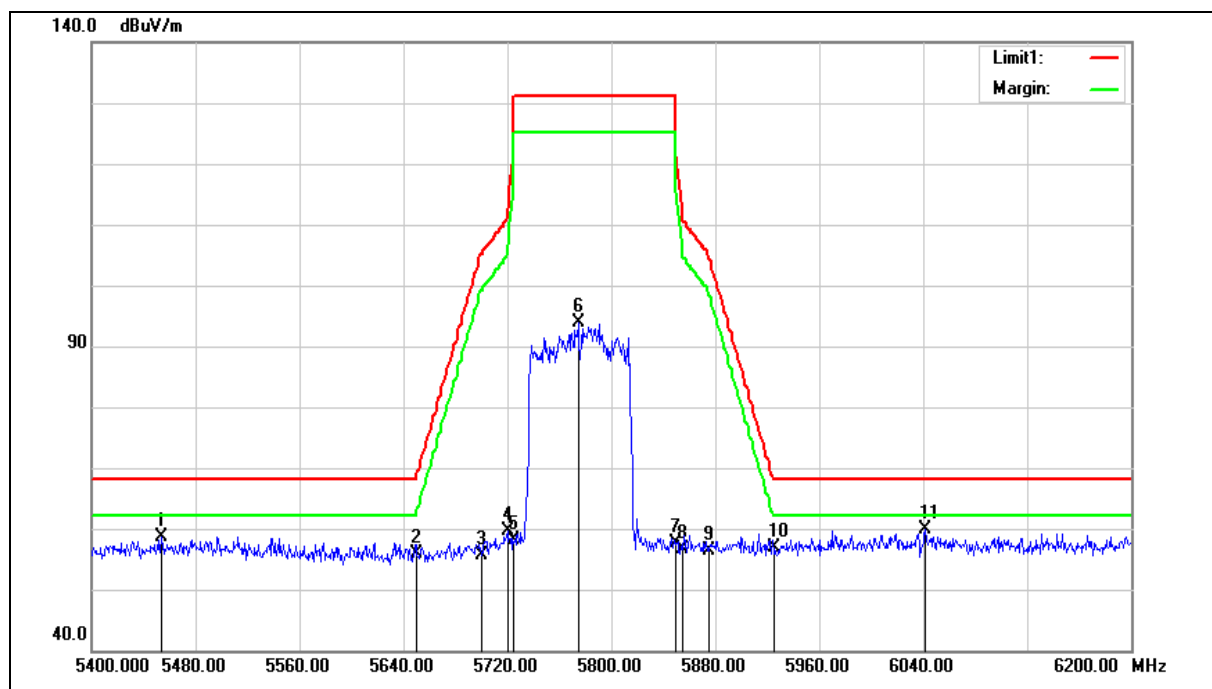
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	5925.000	47.86	8.79	56.65	68.20	-11.55	peak
11	6100.000	50.78	9.24	60.02	68.20	-8.18	peak

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:	3m
Test item:	Band edge		
Frequency:	5775 MHz		
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	5453.600	50.88	7.80	58.68	68.20	-9.52	peak
2	5650.000	47.67	8.24	55.91	68.20	-12.29	peak
3	5700.000	47.30	8.34	55.64	105.20	-49.56	peak
4	5720.000	51.24	8.38	59.62	110.80	-51.18	peak
5	5725.000	49.64	8.39	58.03	122.20	-64.17	peak
6	5774.400	85.43	8.48	93.91	--	--	peak
7	5850.000	48.88	8.63	57.51	122.20	-64.69	peak
8	5855.000	48.09	8.64	56.73	110.80	-54.07	peak
9	5875.000	47.66	8.69	56.35	105.20	-48.85	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:	3m
Test item:	Band edge		
Frequency:	5775 MHz		
Mode:	Mode 10		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
10	5925.000	48.21	8.79	57.00	68.20	-11.20	peak
11	6041.600	50.78	9.06	59.84	68.20	-8.36	peak

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

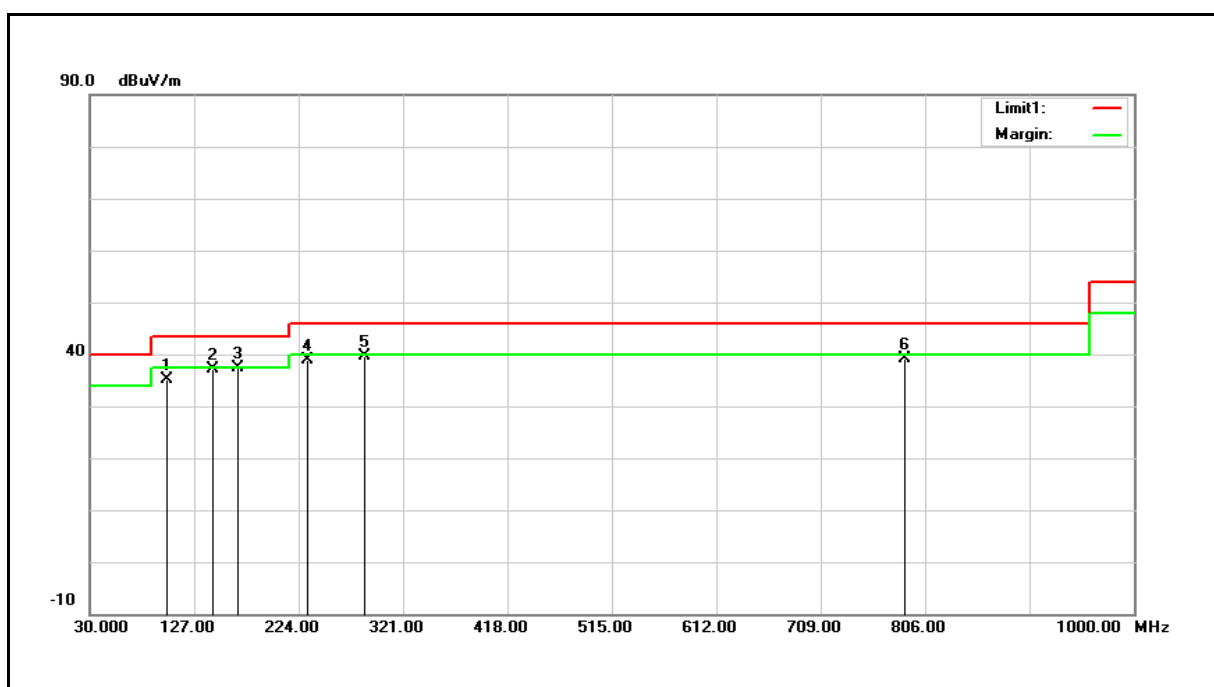
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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

With HDMI

其它不必要之訊號 (1 GHz 以下)

Standard:	LP0002	Test Distance:	3 m
Test item:	Radiated Emission		
Frequency:	5500 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	101.7800	45.63	-10.51	35.12	43.50	-8.38	QP
2	144.4600	43.01	-5.98	37.03	43.50	-6.47	QP
3	167.7400	43.18	-5.71	37.47	43.50	-6.03	QP
4	232.7300	45.67	-6.76	38.91	46.00	-7.09	QP
5	285.1100	44.24	-4.56	39.68	46.00	-6.32	QP
6	786.6000	33.40	5.65	39.05	46.00	-6.95	QP

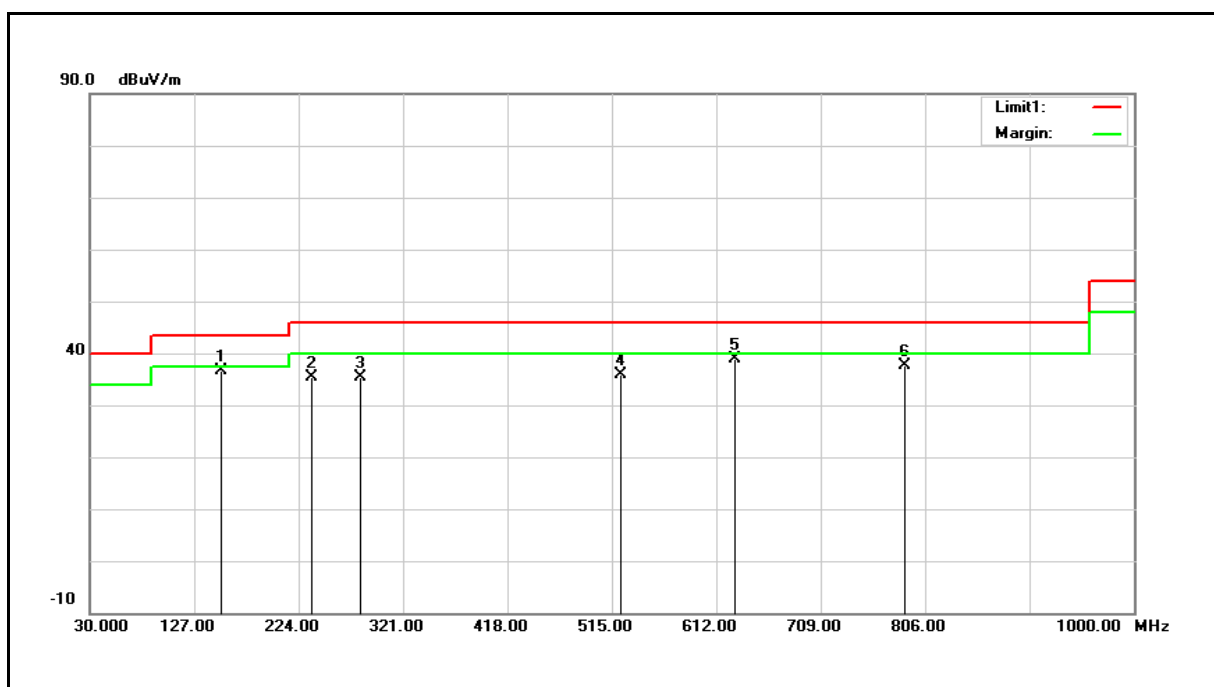
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: 35.12 = -10.51 + 45.63.

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:	Radiated Emission		
Frequency:	5500 MHz		
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	152.2200	42.35	-5.68	36.67	43.50	-6.83	QP
2	236.6100	41.75	-6.43	35.32	46.00	-10.68	QP
3	281.2300	40.04	-4.66	35.38	46.00	-10.62	QP
4	522.7600	35.37	0.40	35.77	46.00	-10.23	QP
5	629.4600	36.23	2.74	38.97	46.00	-7.03	QP
6	786.6000	31.87	5.65	37.52	46.00	-8.48	QP

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

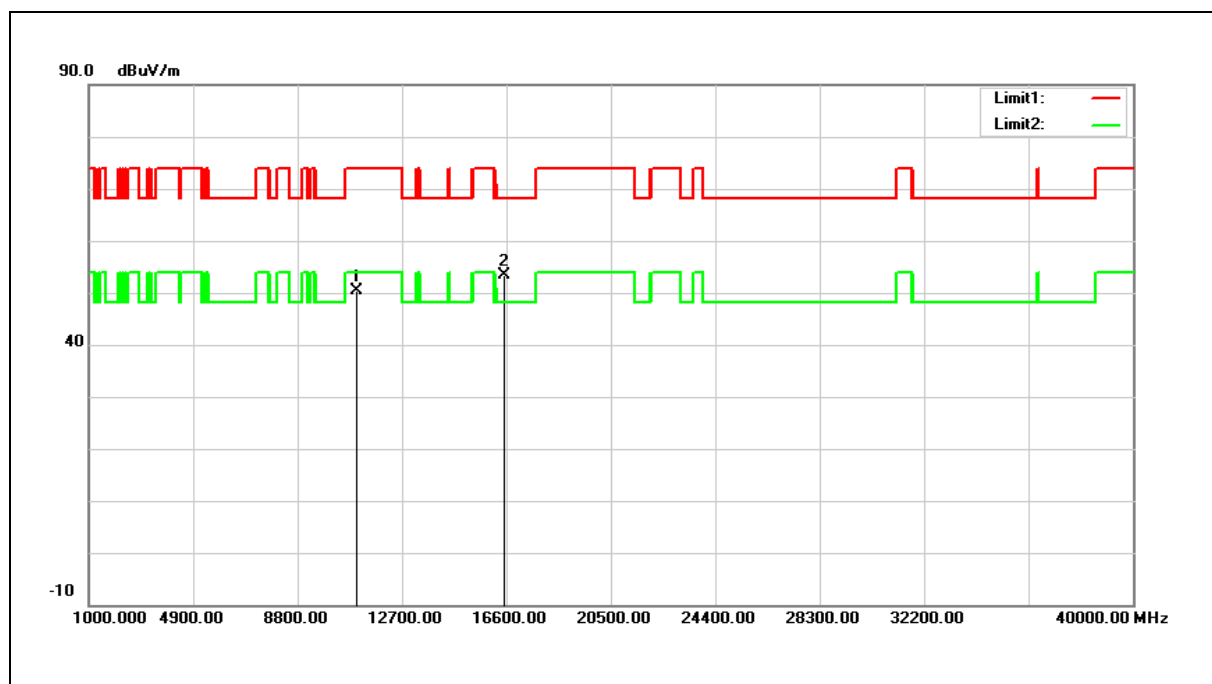
Example: $36.67 = -5.68 + 42.35$.

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.

場強輻射量側 (1 GHz 以上)

Standard:	LP0002	Test Distance:	3 m
Test item:	Harmonic		
Frequency:	5500 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	31.64	18.63	50.27	74.00	-23.73	peak
2	16500.000	31.61	21.66	53.27	68.20	-14.93	peak

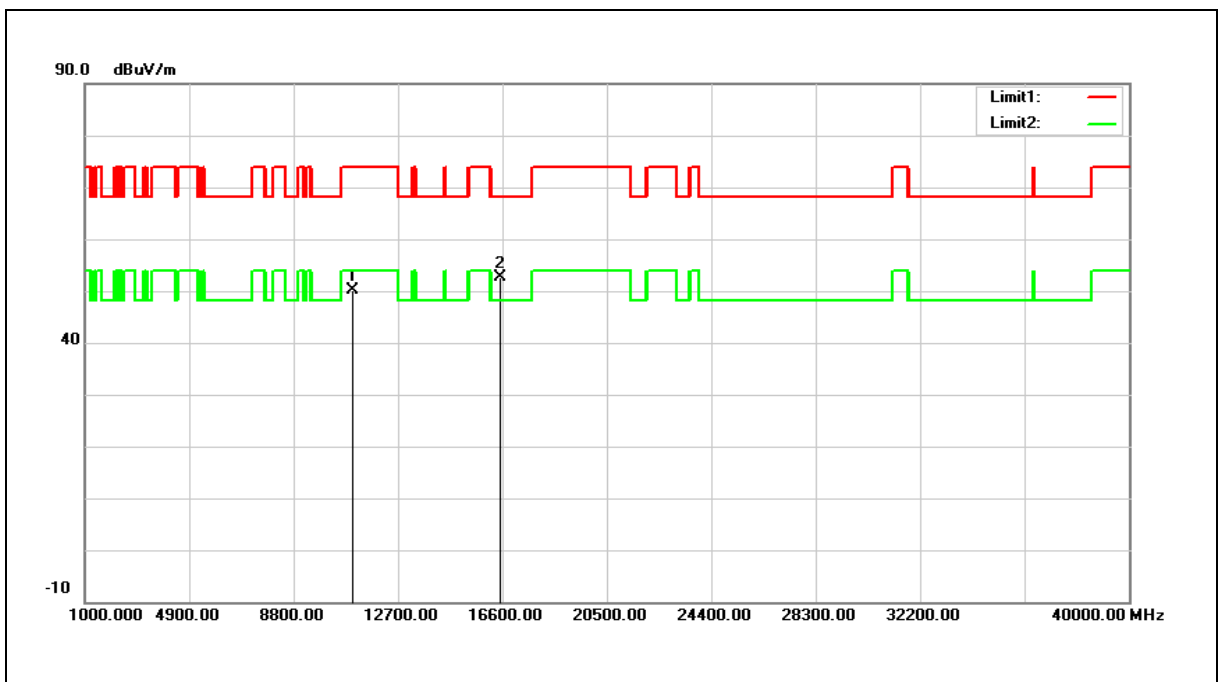
Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

Example: $50.27 = 18.63 + 31.64$.

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		
Frequency:	5500 MHz		
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	11000.000	31.54	18.63	50.17	74.00	-23.83	peak
2	16500.000	30.89	21.66	52.55	68.20	-15.65	peak

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

Example: 50.17 = 18.63 + 31.54.

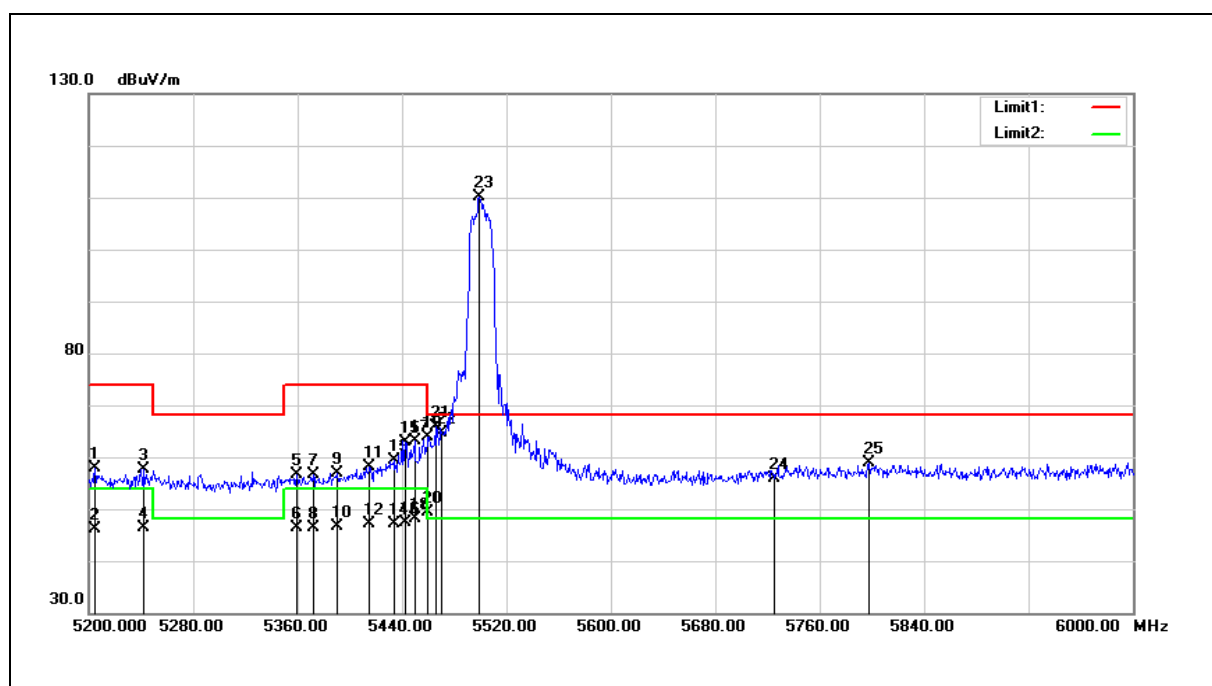
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

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		
Frequency:	5500 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5204.800	50.77	7.09	57.86	74.00	-16.14	peak
2	5204.800	39.13	7.09	46.22	54.00	-7.78	AVG
3	5242.400	50.52	7.20	57.72	74.00	-16.28	peak
4	5242.400	39.11	7.20	46.31	54.00	-7.69	AVG
5	5359.200	49.03	7.53	56.56	74.00	-17.44	peak
6	5359.200	38.85	7.53	46.38	54.00	-7.62	AVG
7	5372.000	49.06	7.56	56.62	74.00	-17.38	peak
8	5372.000	38.90	7.56	46.46	54.00	-7.54	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		
Frequency:	5500 MHz		
Mode:	Mode 5		
Ant.Polar.:	Horizontal		

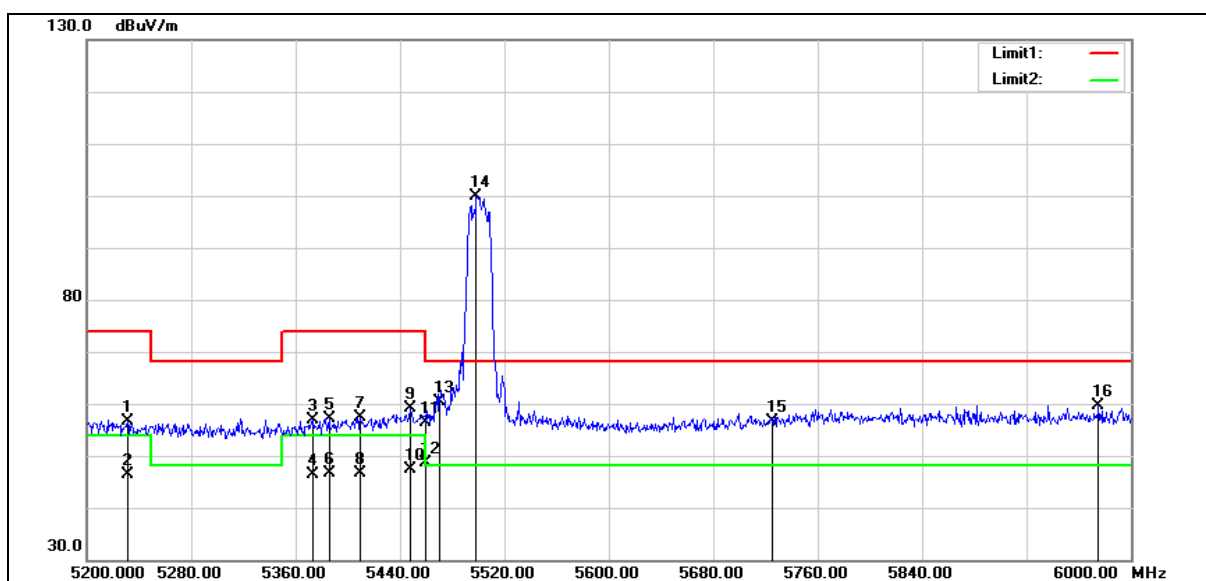
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
9	5390.400	49.22	7.62	56.84	74.00	-17.16	peak
10	5390.400	39.00	7.62	46.62	54.00	-7.38	AVG
11	5415.200	50.42	7.70	58.12	74.00	-15.88	peak
12	5415.200	39.33	7.70	47.03	54.00	-6.97	AVG
13	5433.600	51.60	7.74	59.34	74.00	-14.66	peak
14	5433.600	39.43	7.74	47.17	54.00	-6.83	AVG
15	5442.400	55.08	7.77	62.85	74.00	-11.15	peak
16	5442.400	39.68	7.77	47.45	54.00	-6.55	AVG
17	5449.600	55.42	7.79	63.21	74.00	-10.79	peak
18	5449.600	40.34	7.79	48.13	54.00	-5.87	AVG
19	5460.000	55.95	7.82	63.77	74.00	-10.23	peak
20	5460.000	41.68	7.82	49.50	54.00	-4.50	AVG
21	5465.600	58.07	7.84	65.91	68.20	-2.29	peak
22	5470.000	56.87	7.85	64.72	68.20	-3.48	peak
23	5499.200	102.20	7.93	110.13	---	---	peak
24	5725.000	47.39	8.39	55.78	68.20	-12.42	peak
25	5797.600	50.35	8.53	58.88	68.20	-9.32	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		
Frequency:	5500 MHz		
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	5231.200	49.47	7.17	56.64	74.00	-17.36	peak
2	5231.200	39.25	7.17	46.42	54.00	-7.58	AVG
3	5373.600	49.32	7.56	56.88	74.00	-17.12	peak
4	5373.600	38.94	7.56	46.50	54.00	-7.50	AVG
5	5385.600	49.64	7.61	57.25	74.00	-16.75	peak
6	5385.600	38.98	7.61	46.59	54.00	-7.41	AVG
7	5409.600	49.81	7.68	57.49	74.00	-16.51	peak
8	5409.600	38.99	7.68	46.67	54.00	-7.33	AVG
9	5448.000	51.33	7.79	59.12	74.00	-14.88	peak
10	5448.000	39.52	7.79	47.31	54.00	-6.69	AVG
11	5460.000	48.59	7.82	56.41	74.00	-17.59	peak
12	5460.000	40.73	7.82	48.55	54.00	-5.45	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		
Frequency:	5500 MHz		
Mode:	Mode 5		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
13	5470.000	52.51	7.85	60.36	68.20	-7.84	peak
14	5498.400	92.03	7.93	99.96	---	---	peak
15	5725.000	48.35	8.39	56.74	68.20	-11.46	peak
16	5975.200	50.80	8.90	59.70	68.20	-8.50	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.

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 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 5.470-5.725 GHz 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。

Diversity mode :

Directional = Max. Gain : 3.24 dBi < 6 dBi (5.150 ~ 5.250 GHz)

Directional = Max. Gain : 3.24 dBi < 6 dBi (5.725 ~ 5.850 GHz)

MIMO mode :

(5.150 ~ 5.250 GHz)

Directional Gain = $10 \cdot \log\{[10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(Gn/20)}]^2 / NANT\}$ = 6.47 dBi > 6 dBi

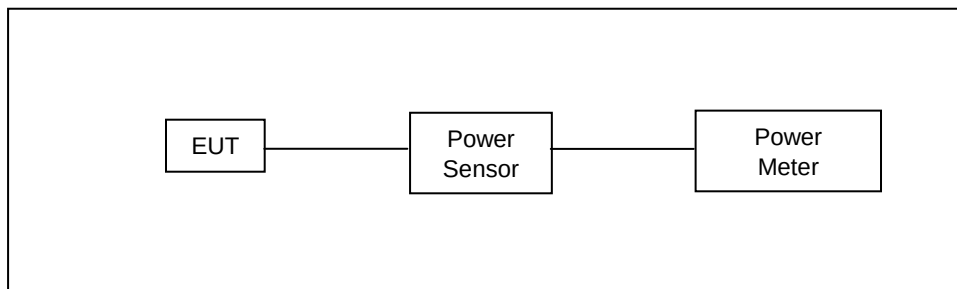
* power limit shall be reduced = 24 – 0.47 = 23.53 dBm

(5.725 ~ 5.850 GHz)

Directional Gain = $10 \cdot \log\{[10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(Gn/20)}]^2 / NANT\}$ = 6.47 dBi > 6 dBi

* power limit shall be reduced = 30 – 0.47 = 29.53 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	Data Rate (Mbps)	頻道 CH	頻率 MHz	最大傳導輸出功率(Average)		
				ANT-0		Limit (dBm)
				dBm	W	
Mode 5	6	36	5180	16.24	0.042	≤ 24.00
		40	5200	16.06	0.040	≤ 24.00
		44	5220	15.95	0.039	≤ 24.00
		48	5240	16.20	0.042	≤ 24.00
		52	5260	16.41	0.044	≤ 24.00
		56	5280	16.09	0.041	≤ 24.00
		60	5300	15.94	0.039	≤ 24.00
		64	5320	15.81	0.038	≤ 24.00
		100	5500	14.38	0.027	≤ 24.00
		104	5520	15.16	0.033	≤ 24.00
		108	5540	15.25	0.033	≤ 24.00
		112	5560	15.38	0.035	≤ 24.00
		116	5580	15.24	0.033	≤ 24.00
		120	5600	15.12	0.033	≤ 24.00
		124	5620	15.15	0.033	≤ 24.00
		128	5640	15.13	0.033	≤ 24.00
		132	5660	15.21	0.033	≤ 24.00
		136	5680	15.30	0.034	≤ 24.00
		140	5700	15.42	0.035	≤ 24.00
		149	5745	15.60	0.036	≤ 30.00
		153	5765	15.68	0.037	≤ 30.00
		157	5785	15.77	0.038	≤ 30.00
		161	5805	15.75	0.038	≤ 30.00
		165	5825	15.91	0.039	≤ 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	Data Rate (Mbps)	頻道 CH	頻率 MHz	最大傳導輸出功率(Average)		
				ANT-0		Limit (dBm)
				dBm	W	
Mode 6	13	36	5180.0	13.48	0.022	≤ 23.53
		40	5200.0	13.83	0.024	≤ 23.53
		44	5220.0	13.89	0.024	≤ 23.53
		48	5240.0	14.17	0.026	≤ 23.53
		52	5260.0	14.39	0.027	≤ 23.53
		56	5280.0	14.32	0.027	≤ 23.53
		60	5300.0	13.98	0.025	≤ 23.53
		64	5320.0	14.12	0.026	≤ 23.53
		100	5500.0	13.39	0.022	≤ 23.53
		104	5520.0	13.40	0.022	≤ 23.53
		108	5540.0	13.41	0.022	≤ 23.53
		112	5560.0	13.62	0.023	≤ 23.53
		116	5580.0	13.22	0.021	≤ 23.53
		120	5600.0	13.54	0.023	≤ 23.53
		124	5620.0	13.51	0.022	≤ 23.53
		128	5640.0	13.06	0.020	≤ 23.53
		132	5660.0	13.19	0.021	≤ 23.53
		136	5680.0	13.72	0.024	≤ 23.53
		140	5700.0	13.29	0.021	≤ 23.53
		149	5745.0	13.41	0.022	≤ 23.53
		153	5765.0	13.26	0.021	≤ 23.53
		157	5785.0	13.89	0.024	≤ 23.53
		161	5805.0	13.56	0.023	≤ 23.53
		165	5825.0	13.68	0.023	≤ 23.53
Mode 7	27	38	5190.0	10.22	0.011	≤ 23.53
		46	5230.0	10.39	0.011	≤ 23.53
		54	5270.0	10.36	0.011	≤ 23.53
		62	5310.0	10.37	0.011	≤ 23.53
		102	5510.0	10.19	0.010	≤ 23.53
		110	5550.0	10.13	0.010	≤ 23.53
		118	5590.0	9.90	0.010	≤ 23.53
		126	5630.0	10.15	0.010	≤ 23.53
		134	5670.0	10.28	0.011	≤ 23.53
		151	5755.0	10.49	0.011	≤ 29.53
		159	5795.0	10.50	0.011	≤ 29.53

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	Data Rate (Mbps)	頻道 CH	頻率 MHz	最大傳導輸出功率(Average)		
				ANT-0		Limit (dBm)
				dBm	W	
Mode 8	13	36	5180.0	13.93	0.025	≤ 23.53
		40	5200.0	14.32	0.027	≤ 23.53
		44	5220.0	14.07	0.026	≤ 23.53
		48	5240.0	14.36	0.027	≤ 23.53
		52	5260.0	14.44	0.028	≤ 23.53
		56	5280.0	14.47	0.028	≤ 23.53
		60	5300.0	14.43	0.028	≤ 23.53
		64	5320.0	14.29	0.027	≤ 23.53
		100	5500.0	13.77	0.024	≤ 23.53
		104	5520.0	13.52	0.022	≤ 23.53
		108	5540.0	13.55	0.023	≤ 23.53
		112	5560.0	13.88	0.024	≤ 23.53
		116	5580.0	13.60	0.023	≤ 23.53
		120	5600.0	13.73	0.024	≤ 23.53
		124	5620.0	13.78	0.024	≤ 23.53
		128	5640.0	13.46	0.022	≤ 23.53
		132	5660.0	13.61	0.023	≤ 23.53
		136	5680.0	13.77	0.024	≤ 23.53
		140	5700.0	13.68	0.023	≤ 23.53
		149	5745.0	13.59	0.023	≤ 29.53
		153	5765.0	13.71	0.023	≤ 29.53
		157	5785.0	14.04	0.025	≤ 29.53
		161	5805.0	13.79	0.024	≤ 29.53
		165	5825.0	14.09	0.026	≤ 29.53
Mode 9	27	38	5190.0	10.29	0.011	≤ 23.53
		46	5230.0	10.47	0.011	≤ 23.53
		54	5270.0	10.61	0.012	≤ 23.53
		62	5310.0	10.50	0.011	≤ 23.53
		102	5510.0	10.46	0.011	≤ 23.53
		110	5550.0	10.47	0.011	≤ 23.53
		118	5590.0	10.39	0.011	≤ 23.53
		126	5630.0	10.42	0.011	≤ 23.53
		134	5670.0	10.48	0.011	≤ 23.53
		151	5755.0	10.66	0.012	≤ 29.53
		159	5795.0	10.79	0.012	≤ 29.53
Mode 10	58.6	42	5210	8.19	0.007	≤ 23.53
		58	5290	7.96	0.006	≤ 23.53
		106	5530	7.37	0.005	≤ 23.53
		122	5610	7.87	0.006	≤ 23.53
		155	5775	8.32	0.007	≤ 29.53

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	Data Rate (Mbps)	頻道 CH	頻率 MHz	最大傳導輸出功率(Average)		
				ANT-1		Limit (dBm)
				dBm	W	
Mode 5	6	36	5180	15.95	0.039	≤ 24.00
		40	5200	15.71	0.037	≤ 24.00
		44	5220	15.56	0.036	≤ 24.00
		48	5240	16.13	0.041	≤ 24.00
		52	5260	16.06	0.040	≤ 24.00
		56	5280	15.86	0.039	≤ 24.00
		60	5300	15.63	0.037	≤ 24.00
		64	5320	15.49	0.035	≤ 24.00
		100	5500	14.24	0.027	≤ 24.00
		104	5520	15.05	0.032	≤ 24.00
		108	5540	15.14	0.033	≤ 24.00
		112	5560	15.25	0.033	≤ 24.00
		116	5580	15.12	0.033	≤ 24.00
		120	5600	15.07	0.032	≤ 24.00
		124	5620	15.10	0.032	≤ 24.00
		128	5640	15.05	0.032	≤ 24.00
		132	5660	15.13	0.033	≤ 24.00
		136	5680	15.21	0.033	≤ 24.00
		140	5700	15.33	0.034	≤ 24.00
		149	5745	15.33	0.034	≤ 30.00
		153	5765	15.36	0.034	≤ 30.00
		157	5785	15.43	0.035	≤ 30.00
		161	5805	15.40	0.035	≤ 30.00
		165	5825	15.53	0.036	≤ 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	Data Rate (Mbps)	頻道 CH	頻率 MHz	最大傳導輸出功率(Average)		
				ANT-1		Limit (dBm)
				dBm	W	
Mode 6	13	36	5180.0	14.39	0.027	≤ 23.53
		40	5200.0	13.89	0.024	≤ 23.53
		44	5220.0	13.92	0.025	≤ 23.53
		48	5240.0	13.92	0.025	≤ 23.53
		52	5260.0	14.14	0.026	≤ 23.53
		56	5280.0	13.64	0.023	≤ 23.53
		60	5300.0	14.00	0.025	≤ 23.53
		64	5320.0	13.58	0.023	≤ 23.53
		100	5500.0	13.48	0.022	≤ 23.53
		104	5520.0	12.76	0.019	≤ 23.53
		108	5540.0	13.44	0.022	≤ 23.53
		112	5560.0	13.60	0.023	≤ 23.53
		116	5580.0	13.18	0.021	≤ 23.53
		120	5600.0	13.26	0.021	≤ 23.53
		124	5620.0	13.05	0.020	≤ 23.53
		128	5640.0	12.78	0.019	≤ 23.53
		132	5660.0	13.13	0.021	≤ 23.53
		136	5680.0	12.98	0.020	≤ 23.53
		140	5700.0	13.54	0.023	≤ 23.53
		149	5745.0	13.24	0.021	≤ 23.53
		153	5765.0	12.50	0.018	≤ 23.53
		157	5785.0	13.00	0.020	≤ 23.53
Mode 7	27	38	5190.0	10.64	0.012	≤ 23.53
		46	5230.0	10.74	0.012	≤ 23.53
		54	5270.0	10.41	0.011	≤ 23.53
		62	5310.0	9.98	0.010	≤ 23.53
		102	5510.0	10.02	0.010	≤ 23.53
		110	5550.0	10.23	0.011	≤ 23.53
		118	5590.0	10.08	0.010	≤ 23.53
		126	5630.0	9.98	0.010	≤ 23.53
		134	5670.0	10.12	0.010	≤ 23.53
		151	5755.0	10.07	0.010	≤ 29.53
		159	5795.0	10.39	0.011	≤ 29.53

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	Data Rate (Mbps)	頻道 CH	頻率 MHz	最大傳導輸出功率(Average)		
				ANT-1		Limit (dBm)
				dBm	W	
Mode 8	13	36	5180.0	14.49	0.028	≤ 23.53
		40	5200.0	14.38	0.027	≤ 23.53
		44	5220.0	14.33	0.027	≤ 23.53
		48	5240.0	14.30	0.027	≤ 23.53
		52	5260.0	14.20	0.026	≤ 23.53
		56	5280.0	14.05	0.025	≤ 23.53
		60	5300.0	14.01	0.025	≤ 23.53
		64	5320.0	13.92	0.025	≤ 23.53
		100	5500.0	13.63	0.023	≤ 23.53
		104	5520.0	13.10	0.020	≤ 23.53
		108	5540.0	13.51	0.022	≤ 23.53
		112	5560.0	13.84	0.024	≤ 23.53
		116	5580.0	13.67	0.023	≤ 23.53
		120	5600.0	13.52	0.022	≤ 23.53
		124	5620.0	13.07	0.020	≤ 23.53
		128	5640.0	13.18	0.021	≤ 23.53
		132	5660.0	13.36	0.022	≤ 23.53
		136	5680.0	13.36	0.022	≤ 23.53
		140	5700.0	13.59	0.023	≤ 23.53
		149	5745.0	13.50	0.022	≤ 29.53
Mode 9	27	38	5190.0	11.00	0.013	≤ 23.53
		46	5230.0	10.93	0.012	≤ 23.53
		54	5270.0	10.91	0.012	≤ 23.53
		62	5310.0	10.41	0.011	≤ 23.53
		102	5510.0	10.45	0.011	≤ 23.53
		110	5550.0	10.41	0.011	≤ 23.53
		118	5590.0	10.36	0.011	≤ 23.53
		126	5630.0	10.35	0.011	≤ 23.53
		134	5670.0	10.44	0.011	≤ 23.53
		151	5755.0	10.43	0.011	≤ 29.53
Mode 10	58.6	159	5795.0	10.56	0.011	≤ 29.53
		42	5210	7.82	0.006	≤ 23.53
		58	5290	7.72	0.006	≤ 23.53
		106	5530	6.98	0.005	≤ 23.53
		122	5610	7.53	0.006	≤ 23.53
		155	5775	8.19	0.007	≤ 29.53

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	Data Rate (Mbps)	頻道 CH	頻率 MHz	最大傳導輸出功率(Average)		
				ANT-0+1		Limit (dBm)
				dBm	W	
Mode 6	13	36	5180.0	16.97	0.050	≤ 23.53
		40	5200.0	16.87	0.049	≤ 23.53
		44	5220.0	16.92	0.049	≤ 23.53
		48	5240.0	17.06	0.051	≤ 23.53
		52	5260.0	17.28	0.053	≤ 23.53
		56	5280.0	17.00	0.050	≤ 23.53
		60	5300.0	17.00	0.050	≤ 23.53
		64	5320.0	16.87	0.049	≤ 23.53
		100	5500.0	16.45	0.044	≤ 23.53
		104	5520.0	16.10	0.041	≤ 23.53
		108	5540.0	16.44	0.044	≤ 23.53
		112	5560.0	16.62	0.046	≤ 23.53
		116	5580.0	16.21	0.042	≤ 23.53
		120	5600.0	16.41	0.044	≤ 23.53
		124	5620.0	16.30	0.043	≤ 23.53
		128	5640.0	15.93	0.039	≤ 23.53
		132	5660.0	16.17	0.041	≤ 23.53
		136	5680.0	16.38	0.043	≤ 23.53
		140	5700.0	16.43	0.044	≤ 23.53
		149	5745.0	16.34	0.043	≤ 23.53
		153	5765.0	15.91	0.039	≤ 23.53
		157	5785.0	16.48	0.044	≤ 23.53
		161	5805.0	16.17	0.041	≤ 23.53
		165	5825.0	16.36	0.043	≤ 23.53
Mode 7	27	38	5190.0	13.45	0.022	≤ 23.53
		46	5230.0	13.58	0.023	≤ 23.53
		54	5270.0	13.40	0.022	≤ 23.53
		62	5310.0	13.19	0.021	≤ 23.53
		102	5510.0	13.12	0.020	≤ 23.53
		110	5550.0	13.19	0.021	≤ 23.53
		118	5590.0	13.00	0.020	≤ 23.53
		126	5630.0	13.08	0.020	≤ 23.53
		134	5670.0	13.21	0.021	≤ 23.53
		151	5755.0	13.30	0.021	≤ 29.53
		159	5795.0	13.46	0.022	≤ 29.53

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	Data Rate (Mbps)	頻道 CH	頻率 MHz	最大傳導輸出功率(Average)		
				ANT-0+1		Limit (dBm)
				dBm	W	
Mode 8	13	36	5180.0	17.23	0.053	≤ 23.53
		40	5200.0	17.36	0.054	≤ 23.53
		44	5220.0	17.21	0.053	≤ 23.53
		48	5240.0	17.34	0.054	≤ 23.53
		52	5260.0	17.33	0.054	≤ 23.53
		56	5280.0	17.28	0.053	≤ 23.53
		60	5300.0	17.24	0.053	≤ 23.53
		64	5320.0	17.12	0.052	≤ 23.53
		100	5500.0	16.71	0.047	≤ 23.53
		104	5520.0	16.33	0.043	≤ 23.53
		108	5540.0	16.54	0.045	≤ 23.53
		112	5560.0	16.87	0.049	≤ 23.53
		116	5580.0	16.65	0.046	≤ 23.53
		120	5600.0	16.64	0.046	≤ 23.53
		124	5620.0	16.45	0.044	≤ 23.53
		128	5640.0	16.33	0.043	≤ 23.53
		132	5660.0	16.50	0.045	≤ 23.53
		136	5680.0	16.58	0.046	≤ 23.53
		140	5700.0	16.65	0.046	≤ 23.53
		149	5745.0	16.56	0.045	≤ 29.53
		153	5765.0	16.38	0.043	≤ 29.53
		157	5785.0	16.65	0.046	≤ 29.53
		161	5805.0	16.38	0.043	≤ 29.53
		165	5825.0	16.72	0.047	≤ 29.53
Mode 9	27	38	5190.0	13.67	0.023	≤ 23.53
		46	5230.0	13.72	0.024	≤ 23.53
		54	5270.0	13.77	0.024	≤ 23.53
		62	5310.0	13.47	0.022	≤ 23.53
		102	5510.0	13.47	0.022	≤ 23.53
		110	5550.0	13.45	0.022	≤ 23.53
		118	5590.0	13.39	0.022	≤ 23.53
		126	5630.0	13.40	0.022	≤ 23.53
		134	5670.0	13.47	0.022	≤ 23.53
		151	5755.0	13.56	0.023	≤ 29.53
		159	5795.0	13.69	0.023	≤ 29.53
Mode 10	58.6	42	5210	11.02	0.013	≤ 23.53
		58	5290	10.85	0.012	≤ 23.53
		106	5530	10.19	0.010	≤ 23.53
		122	5610	10.71	0.012	≤ 23.53
		155	5775	11.27	0.013	≤ 29.53

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。

Diversity mode :

Directional = Max. Gain : 3.24 dBi < 6 dBi (5.150 ~ 5.250 GHz)

Directional = Max. Gain : 3.24 dBi < 6 dBi (5.725 ~ 5.850 GHz)

MIMO mode :

(5.150 ~ 5.725 GHz)

Directional Gain = $10 \cdot \log\{[10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(Gn/20)}]^2 / NANT\} = 6.47 \text{ dBi} > 6 \text{ dBi}$

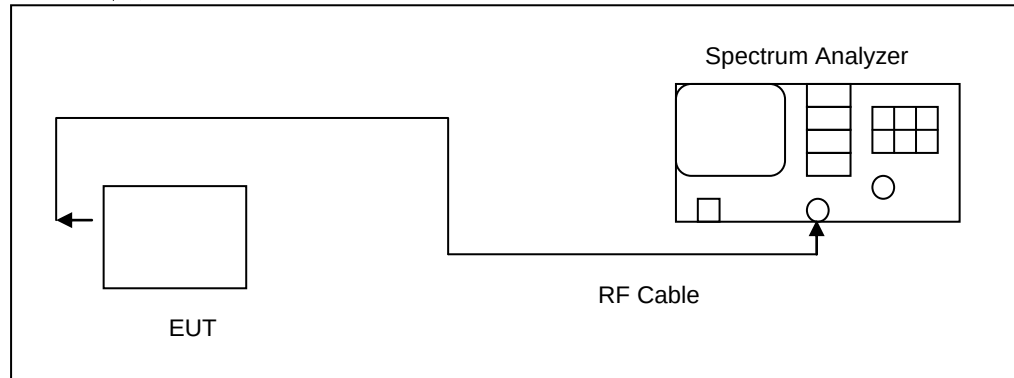
* power limit shall be reduced = $11 - 0.47 = 10.53 \text{ dBm}$

(5.725 ~ 5.850 GHz)

Directional Gain = $10 \cdot \log\{[10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(Gn/20)}]^2 / NANT\} = 6.47 \text{ dBi} > 6 \text{ dBi}$

* power limit shall be reduced = $30 - 0.47 = 29.53 \text{ dBm}$

測試架構圖：



測試結果:

操作模式	: Mode 5 / Mode 8 / Mode 9 / 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 5	36	5180	5.342	0.077	5.419	11.00
	40	5200	5.517	0.077	5.594	11.00
	48	5240	5.882	0.077	5.959	11.00
	52	5260	5.685	0.077	5.762	11.00
	56	5280	5.632	0.077	5.709	11.00
	64	5320	4.965	0.077	5.042	11.00
	100	5500	3.739	0.077	3.816	11.00
	112	5560	4.670	0.077	4.747	11.00
	140	5700	5.605	0.077	5.682	11.00
Mode 8	36	5180	2.595	0.097	2.692	10.53
	40	5200	2.645	0.097	2.742	10.53
	48	5240	2.513	0.097	2.610	10.53
	52	5260	2.566	0.097	2.663	10.53
	56	5280	2.013	0.097	2.110	10.53
	64	5320	1.631	0.097	1.728	10.53
	100	5500	1.825	0.097	1.922	10.53
	112	5560	2.280	0.097	2.377	10.53
	140	5700	2.663	0.097	2.760	10.53
Mode 9	38	5190	-2.563	0.097	2.692	10.53
	46	5230	-2.735	0.210	-2.353	10.53
	54	5270	-2.961	0.210	-2.525	10.53
	62	5310	-3.583	0.210	-2.751	10.53
	102	5510	-3.216	0.210	-3.373	10.53
	110	5550	-2.826	0.210	-3.006	10.53
	134	5670	-2.025	0.210	-2.616	10.53
Mode 10	42	5210	-8.804	0.437	-8.367	10.53
	58	5290	-9.478	0.437	-9.041	10.53
	106	5530	-9.028	0.437	-8.591	10.53
	122	5610	-8.433	0.437	-7.996	10.53

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + dutNote: 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 8 / Mode 9 / 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 5	149	5745.0	-3.335	0.077	3.73	30.00
	157	5785.0	-3.508	0.077	3.56	30.00
	165	5825.0	-3.517	0.077	3.55	30.00
Mode 8	149	5745.0	-6.602	0.097	0.48	29.53
	157	5785.0	-7.173	0.097	-0.09	29.53
	165	5825.0	-7.390	0.097	-0.30	29.53
Mode 9	151	5755.0	-11.923	0.210	-4.72	29.53
	159	5795.0	-12.060	0.210	-4.86	29.53
Mode 10	155	5775.0	-17.279	0.437	-9.85	29.53

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 8 / Mode 9 / Mode 10
測試結果	: 合格

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	36	5180	2.165	0.097	2.262	10.53
	40	5200	2.316	0.097	2.413	10.53
	48	5240	2.279	0.097	2.376	10.53
	52	5260	2.638	0.097	2.735	10.53
	56	5280	2.043	0.097	2.140	10.53
	64	5320	1.347	0.097	1.444	10.53
	100	5500	1.441	0.097	1.538	10.53
	112	5560	1.837	0.097	1.934	10.53
	140	5700	2.520	0.097	2.617	10.53
Mode 9	38	5190	-3.317	0.210	-3.107	10.53
	46	5230	-3.251	0.210	-3.041	10.53
	54	5270	-2.965	0.210	-2.755	10.53
	62	5310	-3.706	0.210	-3.496	10.53
	102	5510	-3.455	0.210	-3.245	10.53
	110	5550	-3.566	0.210	-3.356	10.53
	134	5670	-2.587	0.210	-2.377	10.53
Mode 10	42	5210	-8.959	0.437	-8.522	10.53
	58	5290	-9.635	0.437	-9.198	10.53
	106	5530	-10.634	0.437	-10.197	10.53
	122	5610	-9.654	0.437	-9.217	10.53

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 8 / Mode 9 / Mode 10
測試結果	: 合格

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 8	149	5745.0	-6.936	0.097	0.15	29.53
	157	5785.0	-6.931	0.097	0.16	29.53
	165	5825.0	-7.235	0.097	-0.15	29.53
Mode 9	151	5755.0	-11.563	0.210	-4.36	29.53
	159	5795.0	-12.315	0.210	-5.12	29.53
Mode 10	155	5775.0	-17.156	0.437	-9.73	29.53

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 8 / Mode 9 / Mode 10
測試結果	: 合格

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	36	5180	5.492	10.53
	40	5200	5.591	10.53
	48	5240	5.505	10.53
	52	5260	5.709	10.53
	56	5280	5.135	10.53
	64	5320	4.598	10.53
	100	5500	4.744	10.53
	112	5560	5.171	10.53
Mode 9	140	5700	5.699	10.53
	38	5190	0.297	10.53
	46	5230	0.235	10.53
	54	5270	0.257	10.53
	62	5310	-0.424	10.53
	102	5510	-0.114	10.53
	110	5550	0.040	10.53
Mode 10	134	5670	0.923	10.53
	42	5210	-5.434	10.53
	58	5290	-6.109	10.53
	106	5530	-6.310	10.53
	122	5610	-5.554	10.53

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

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

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 8	149	5745.0	3.331	29.53
	157	5785.0	3.047	29.53
	165	5825.0	2.785	29.53
Mode 9	151	5755.0	-1.529	29.53
	159	5795.0	-1.976	29.53
Mode 10	155	5775.0	-6.781	29.53

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

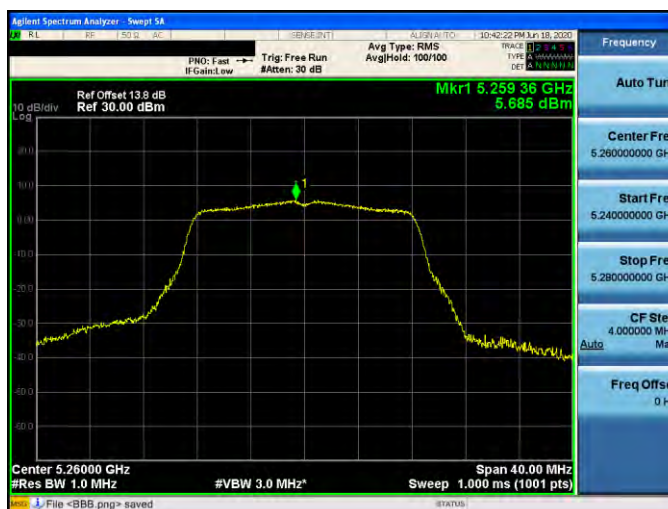


CH48



Mode 5: IEEE 802.11a Continuous TX Mode_ANT-0

CH52



CH56



CH64



Mode 5: IEEE 802.11a Continuous TX Mode_ANT-0

CH100



CH112

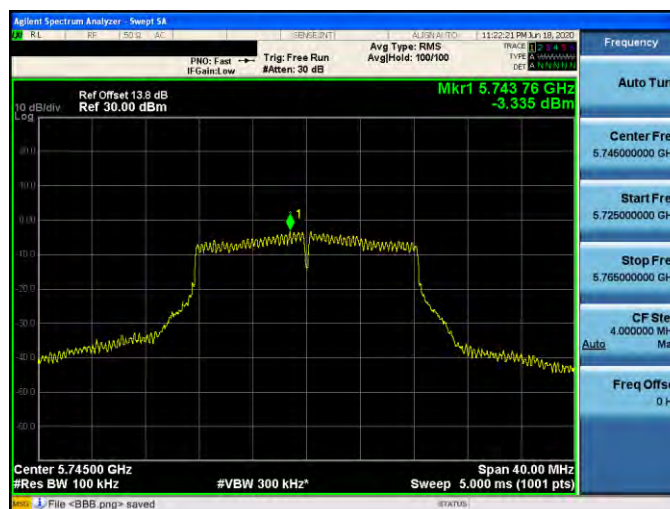


CH140

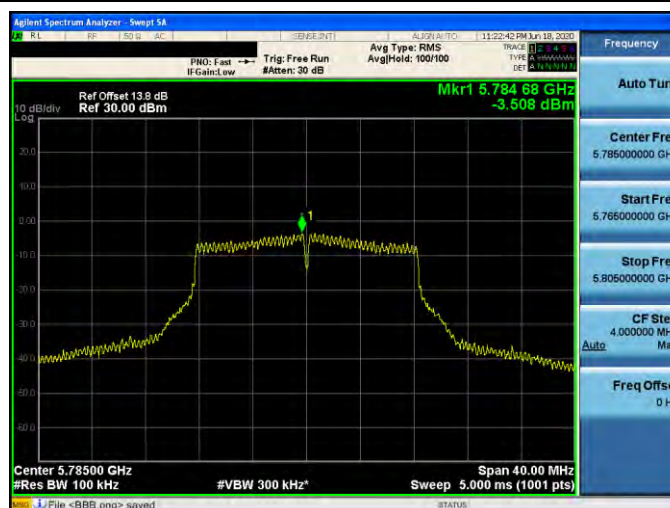


Mode 5: IEEE 802.11a Continuous TX Mode_ANT-0

CH149



CH157



CH165



Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

CH36



CH40



CH48



Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

CH52



CH56



CH64



Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

CH100



CH112

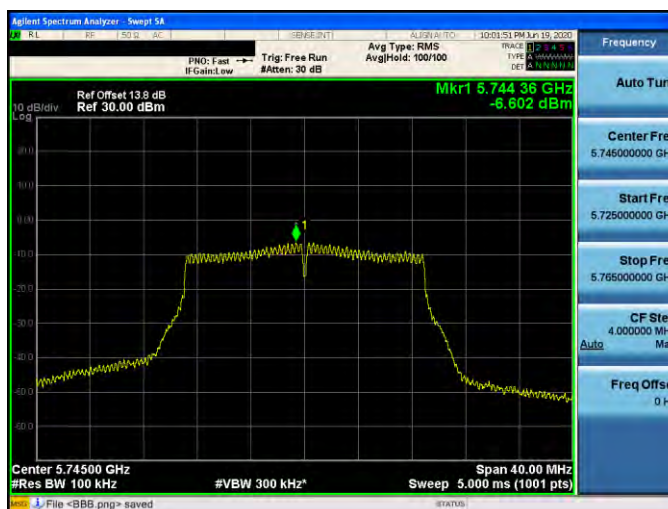


CH140

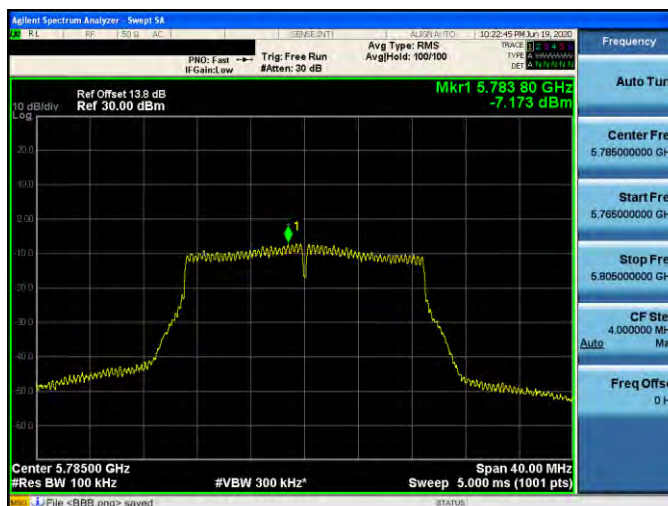


Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

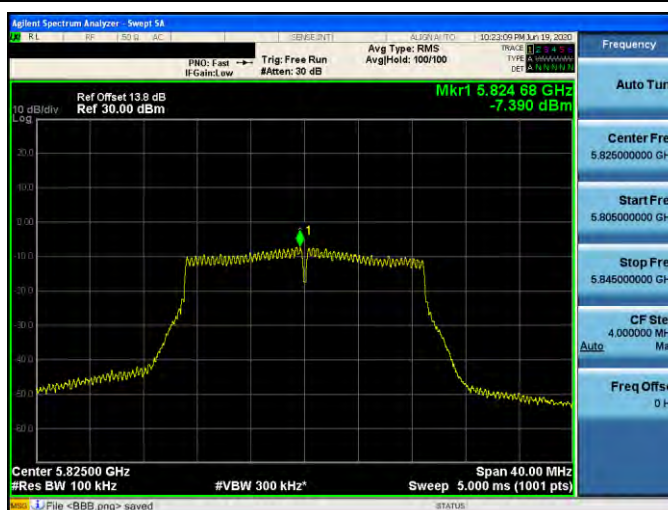
CH149



CH157



CH165



Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0

CH38



CH46



CH54



Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0

CH62



CH102



CH110

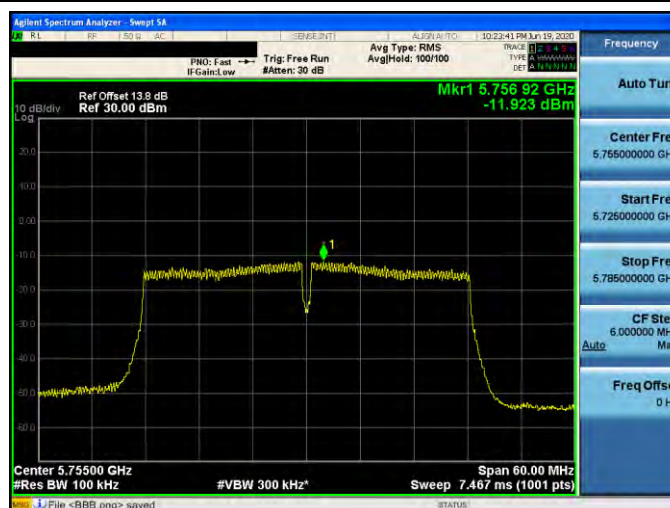


Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0

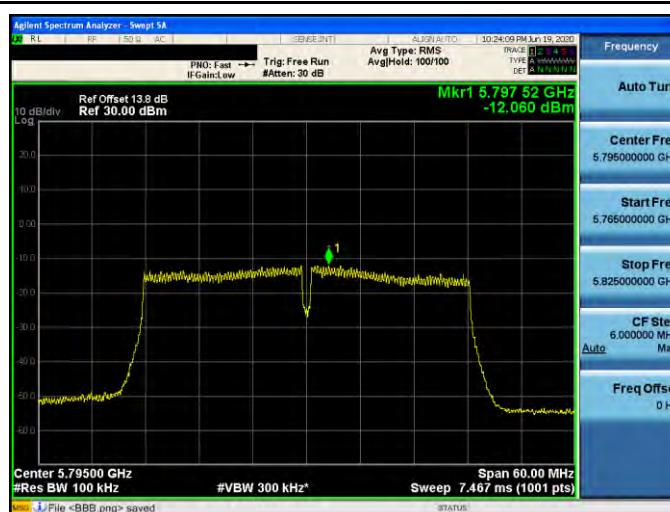
CH134



CH151

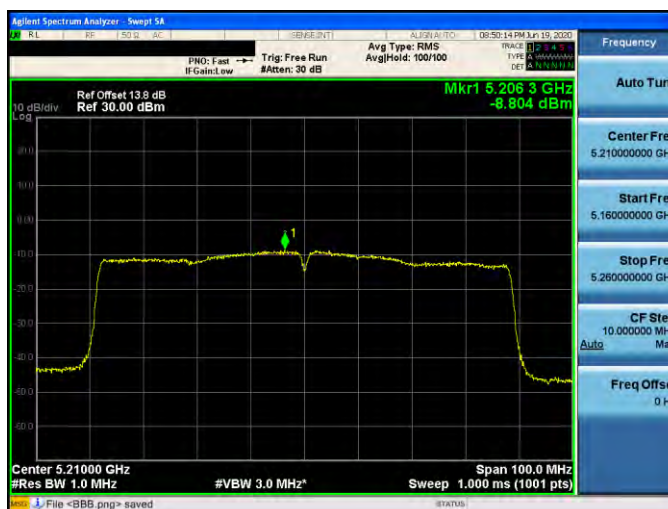


CH159



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

CH42

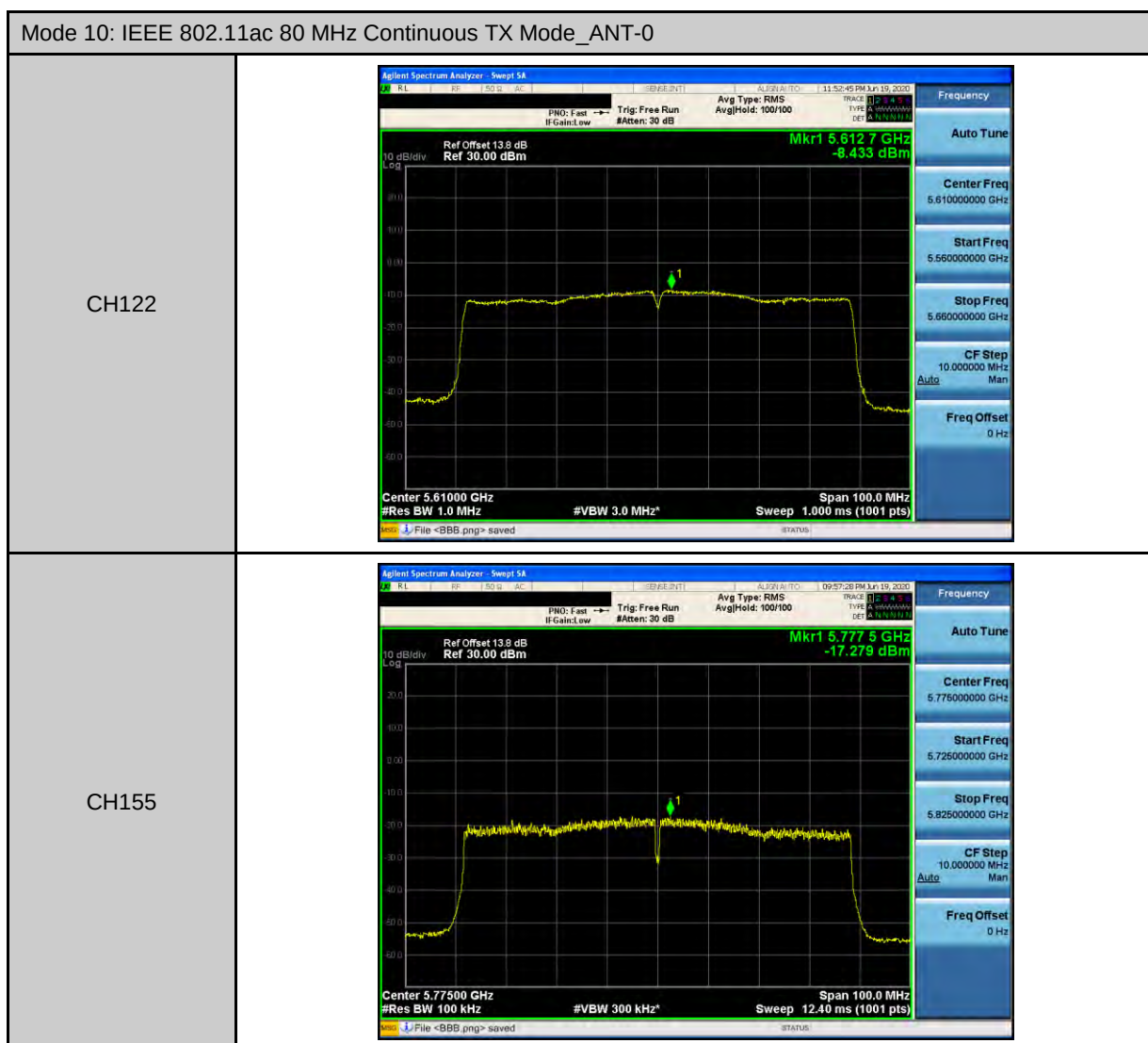


CH58



CH106





Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

CH36



CH40



CH48



Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

CH52



CH56



CH64



Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

CH100



CH112

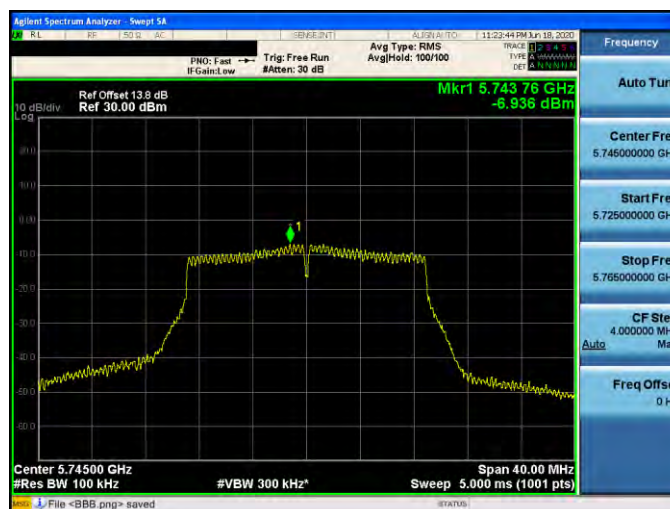


CH140



Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

CH149



CH157



CH165



Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1

CH38



CH46



CH54



Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1

CH62



CH102



CH110

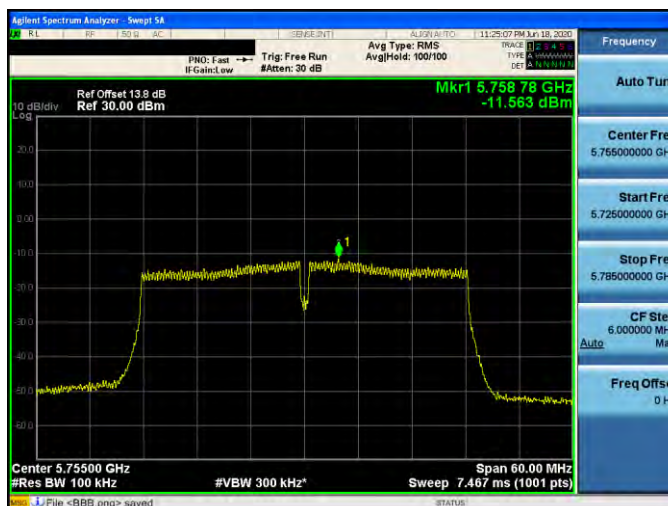


Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1

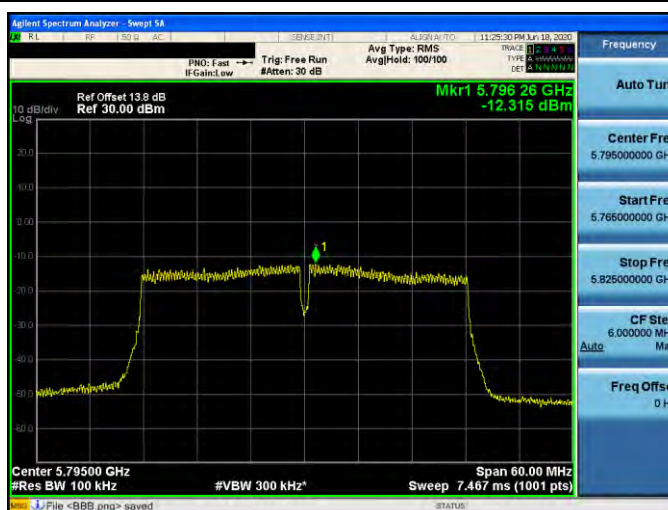
CH134

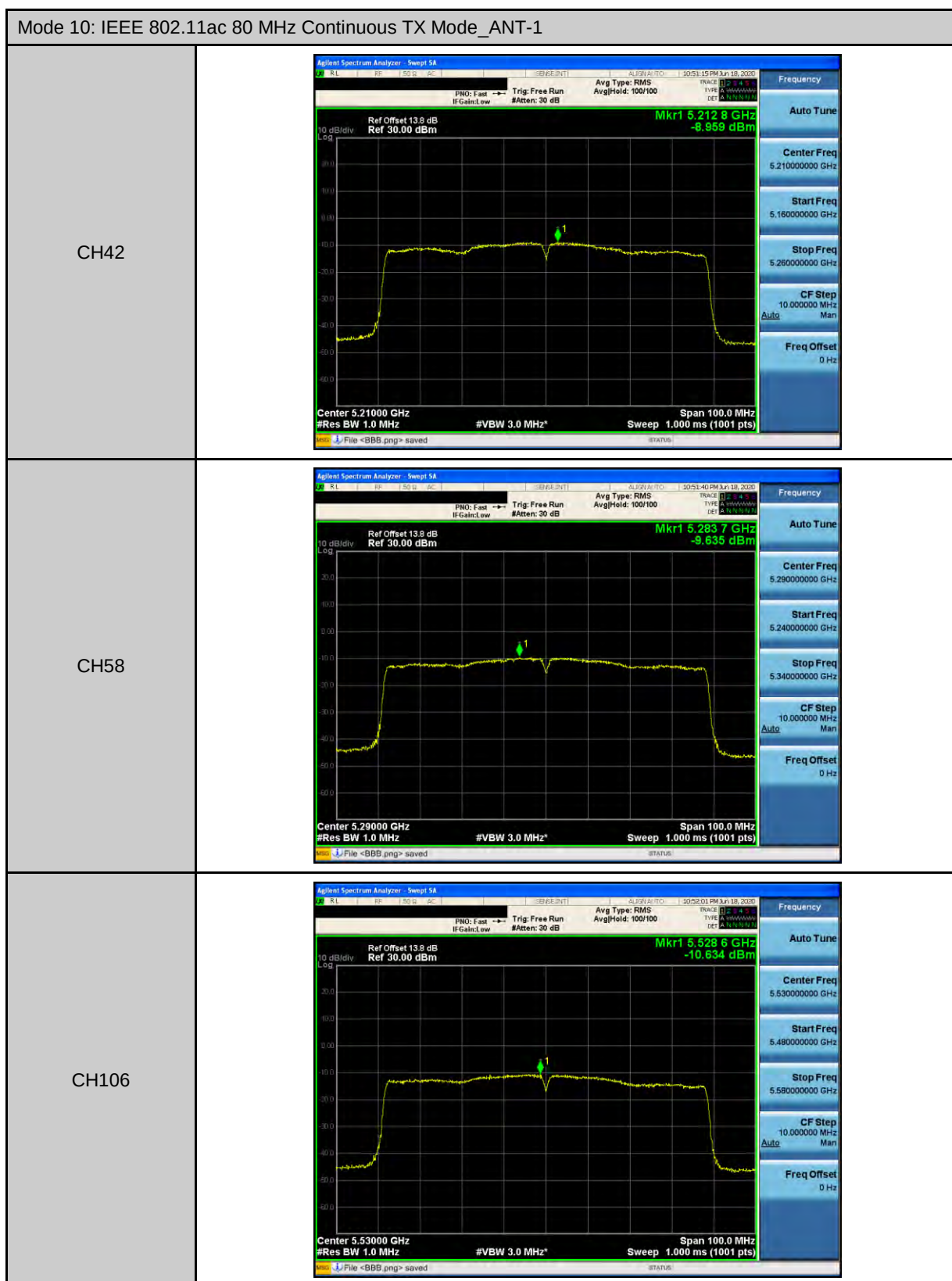


CH151



CH159





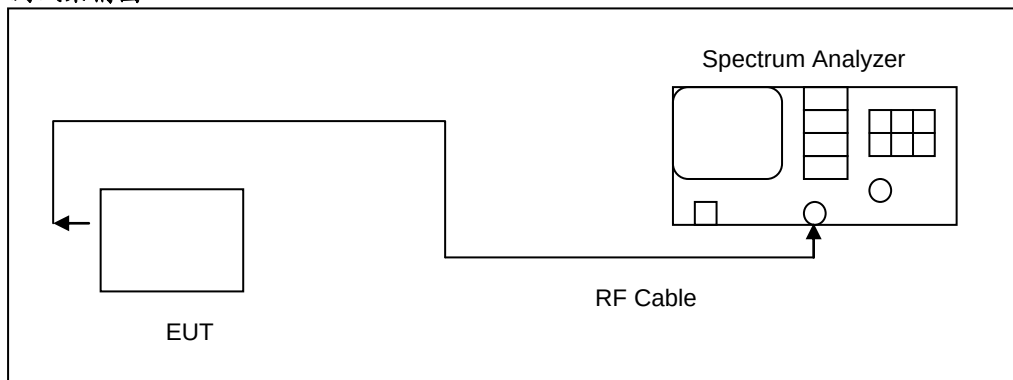


4.3.4 26 dB頻寬之要求

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 8 / Mode 9 / 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
Mode 5	36	5180	21.440
	40	5200	21.530
	48	5240	21.490
	52	5260	21.530
	56	5280	21.290
	64	5320	23.280
	100	5500	21.510
	112	5560	21.580
	140	5700	25.110
Mode 6	52	5260.0	21.530
	56	5280.0	21.650
	64	5320.0	21.960
	100	5500.0	21.790
	112	5560.0	21.760
	140	5700.0	21.630
Mode 7	54	5270.0	42.010
	62	5310.0	41.320
	102	5510.0	41.340
	110	5550.0	40.920
	134	5670.0	40.980
Mode 8	36	5180	21.560
	40	5200	21.800
	48	5240	21.810
	52	5260	21.630
	56	5280	21.700
	64	5320	21.620
	100	5500	21.490
	112	5560	21.710
	140	5700	21.630

操作模式	頻道 (CH)	頻率 (MHz)	26 dB 頻寬量測值 (MHz)
			ANT-0
Mode 9	38	5190	41.320
	46	5230	41.370
	54	5270	41.370
	62	5310	41.370
	102	5510	41.150
	110	5550	41.000
	134	5670	40.890
Mode 10	42	5210	82.060
	58	5290	82.370
	106	5530	83.980
	122	5610	81.620
操作模式	頻道 (CH)	頻率 (MHz)	26 dB 頻寬量測值 (MHz)
			ANT-1
Mode 6	52	5260.0	21.450
	56	5280.0	21.560
	64	5320.0	21.750
	100	5500.0	21.590
	112	5560.0	21.630
	140	5700.0	21.630
Mode 7	54	5270.0	41.180
	62	5310.0	40.750
	102	5510.0	41.180
	110	5550.0	40.880
	134	5670.0	40.430
Mode 8	36	5180	21.820
	40	5200	22.350
	48	5240	21.180
	52	5260	21.530
	56	5280	21.400
	64	5320	21.410
	100	5500	21.340
	112	5560	21.640
	140	5700	21.400

操作模式	頻道 (CH)	頻率 (MHz)	26 dB 頻寬量測值 (MHz)
			ANT-0
Mode 9	38	5190	40.670
	46	5230	40.510
	54	5270	40.450
	62	5310	40.750
	102	5510	40.650
	110	5550	40.510
	134	5670	40.510
Mode 10	42	5210	81.580
	58	5290	82.440
	106	5530	82.200
	122	5610	82.170

Mode 5: IEEE 802.11a Continuous TX Mode_ANT-0

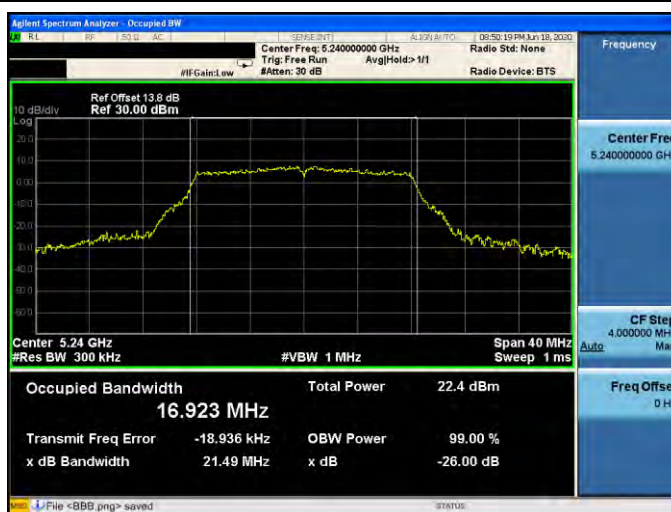
CH36

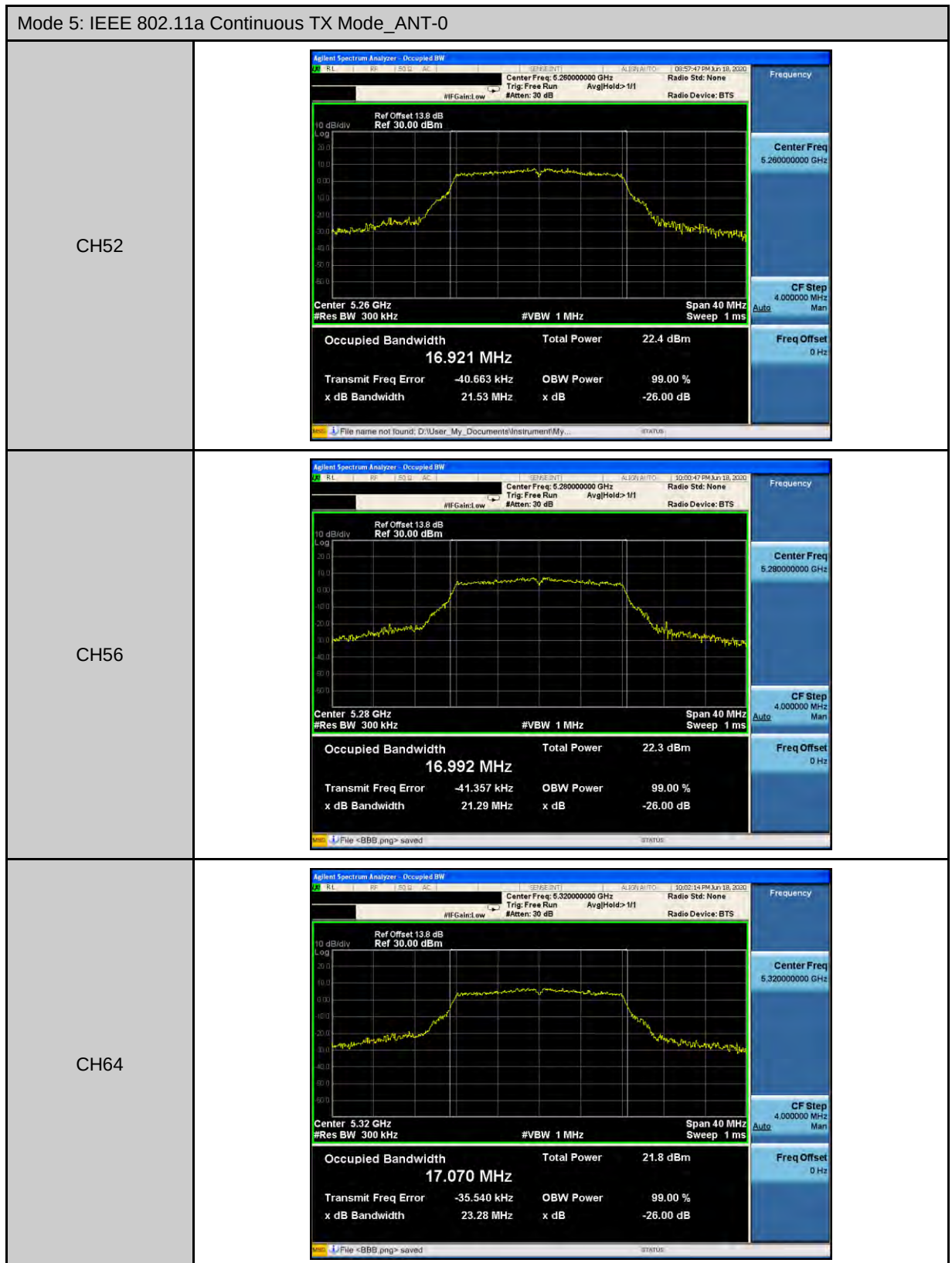


CH40



CH48





Mode 5: IEEE 802.11a Continuous TX Mode_ANT-0

CH100



CH112

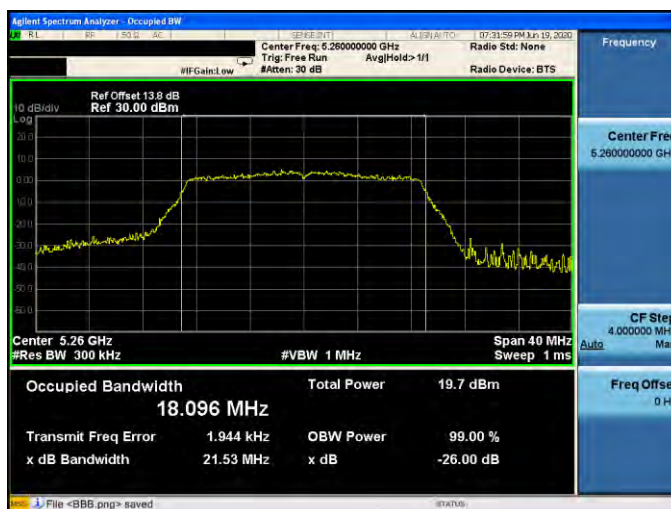


CH140

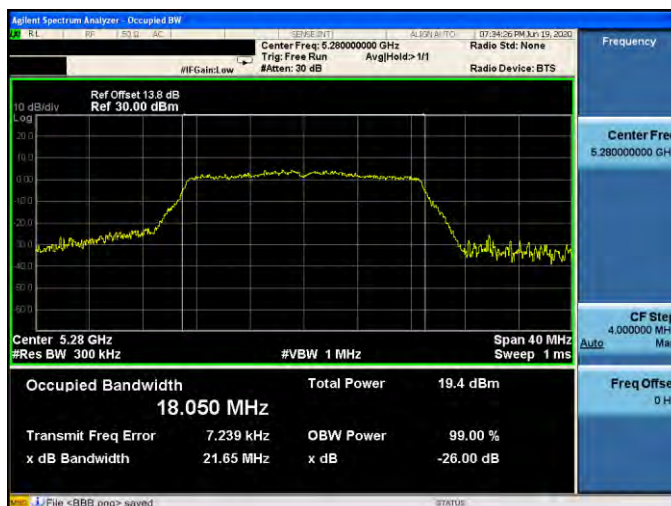


Mode 6: IEEE 802.11an 20 MHz Continuous TX Mode_ANT-0

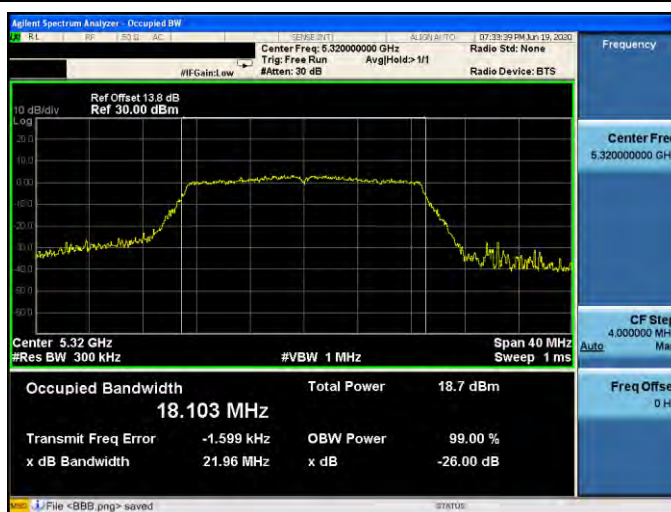
CH52



CH56

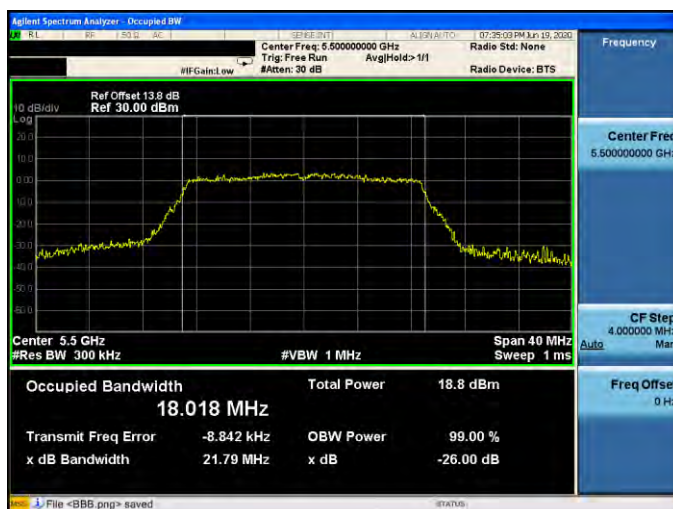


CH64

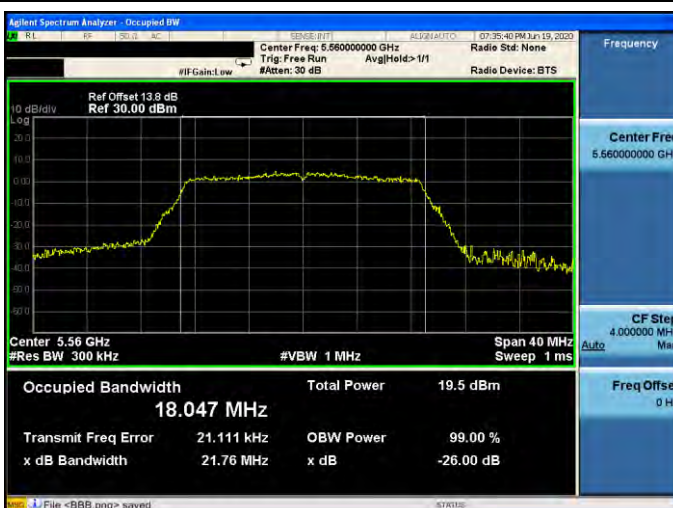


Mode 6: IEEE 802.11an 20 MHz Continuous TX Mode_ANT-0

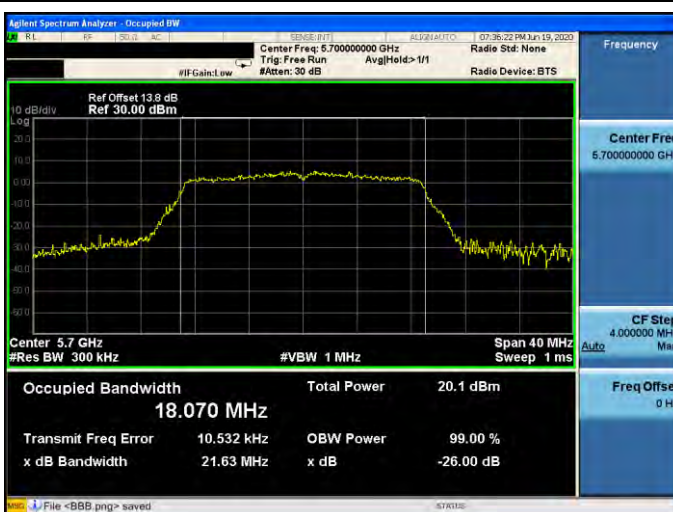
CH100



CH112

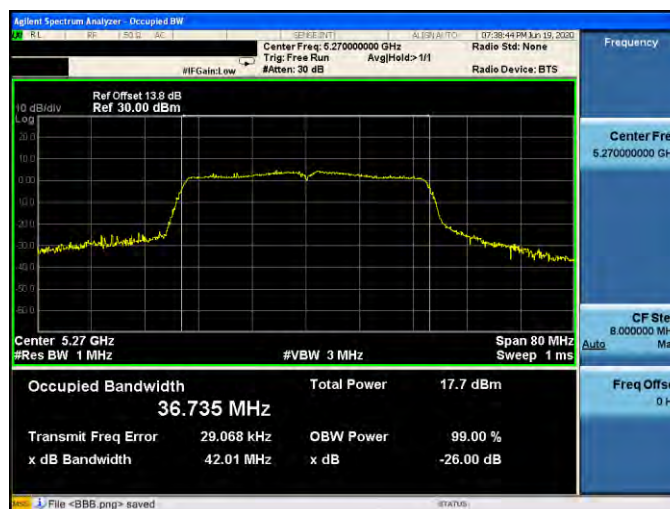


CH140



Mode 7: IEEE 802.11an 40 MHz Continuous TX Mode_ANT-0

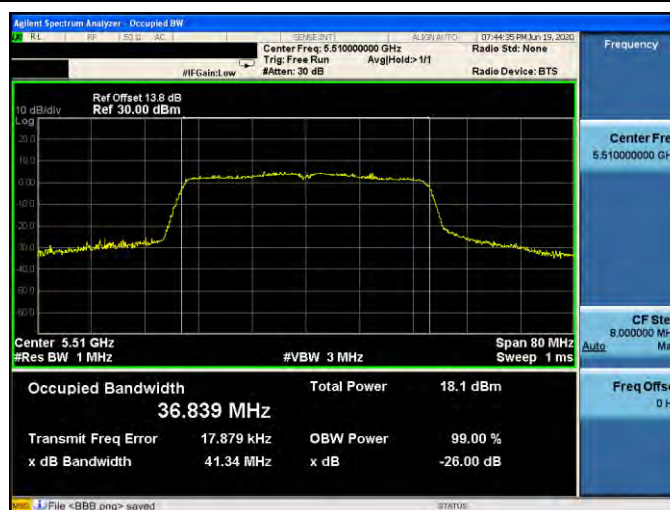
CH54

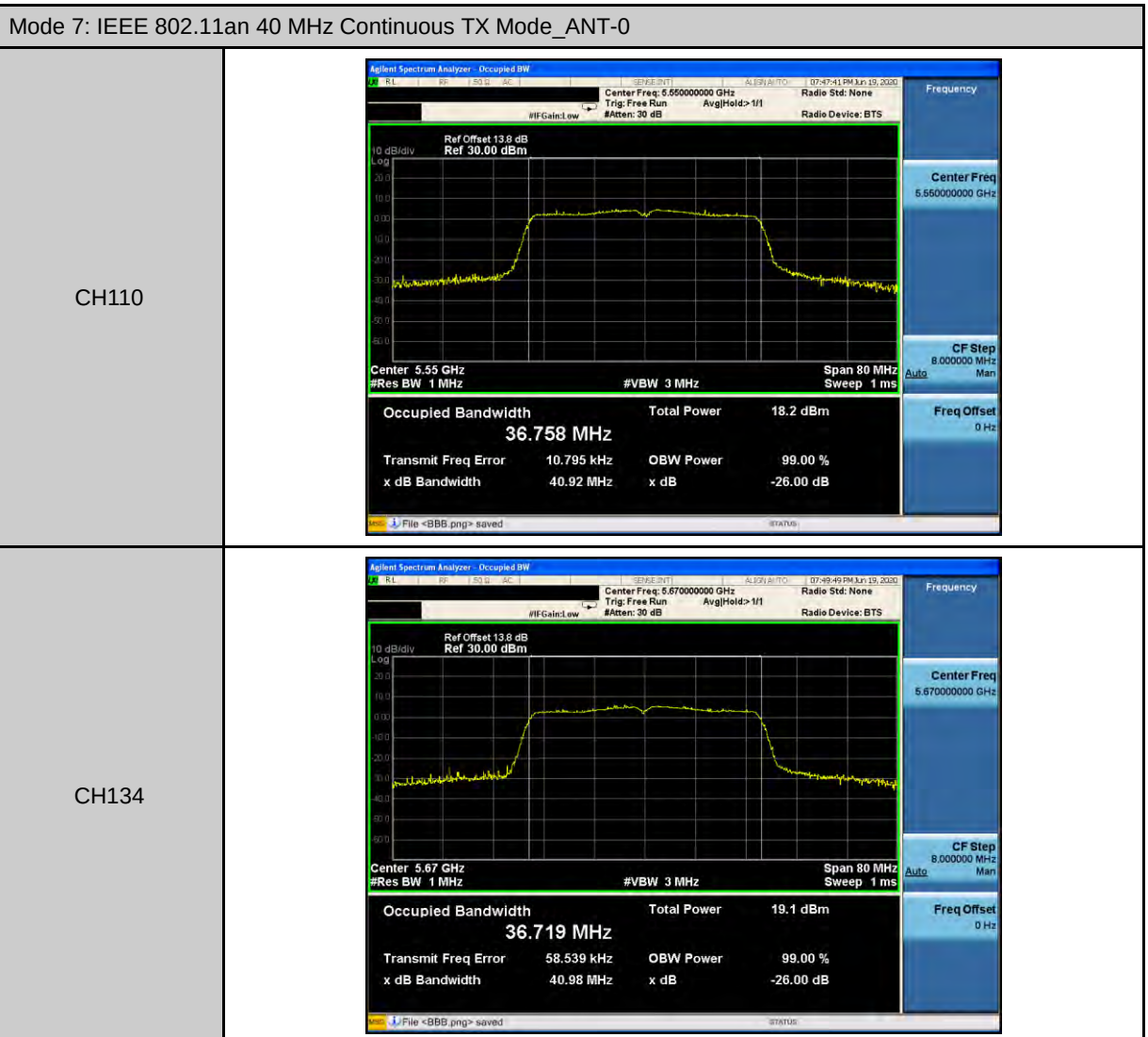


CH62



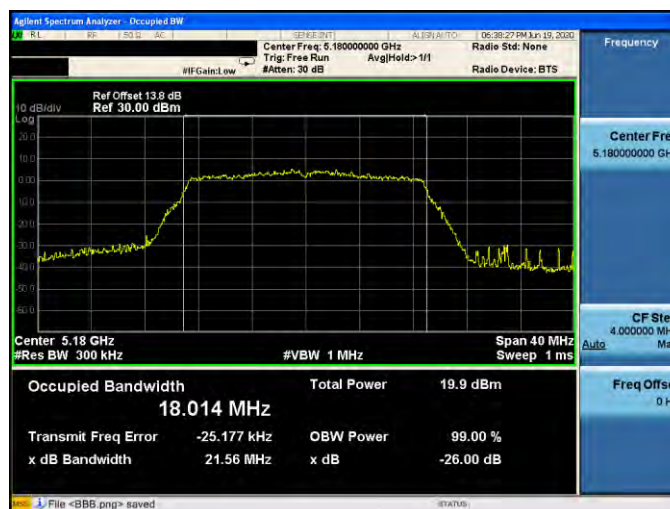
CH102





Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

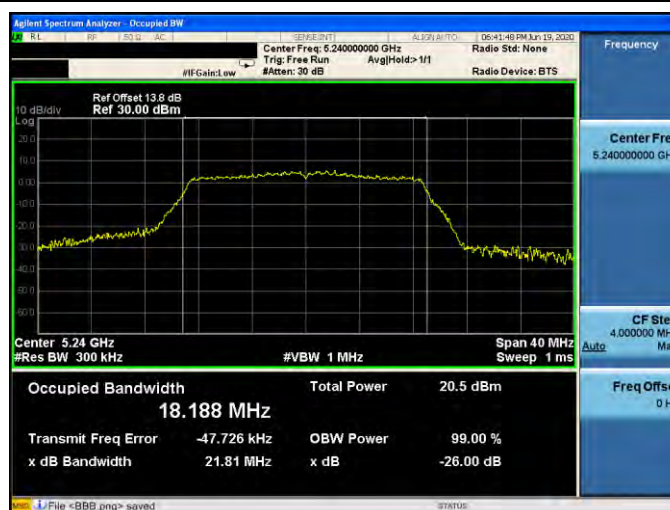
CH36



CH40



CH48

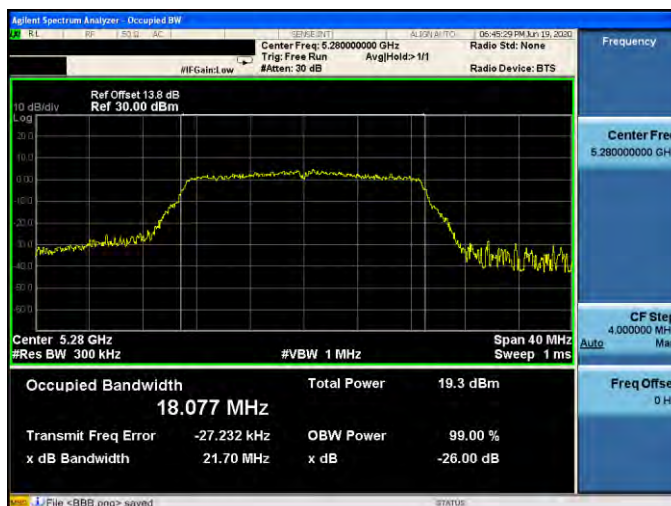


Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

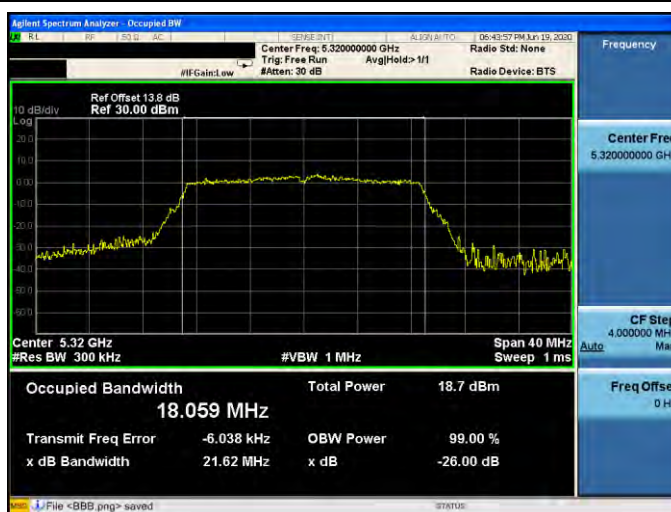
CH52



CH56

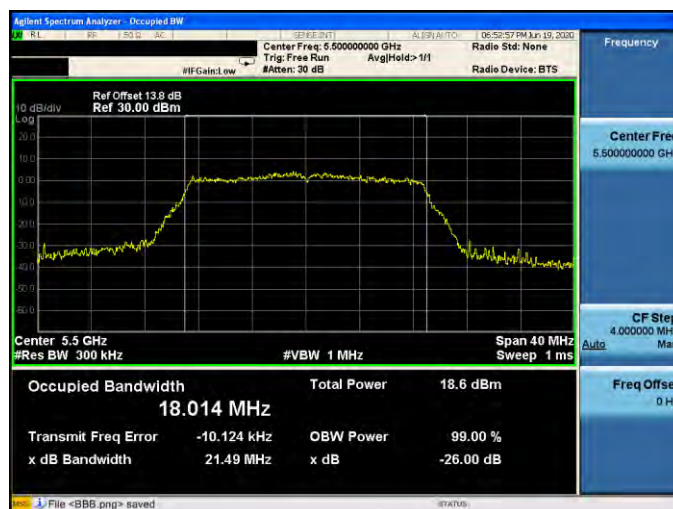


CH64



Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

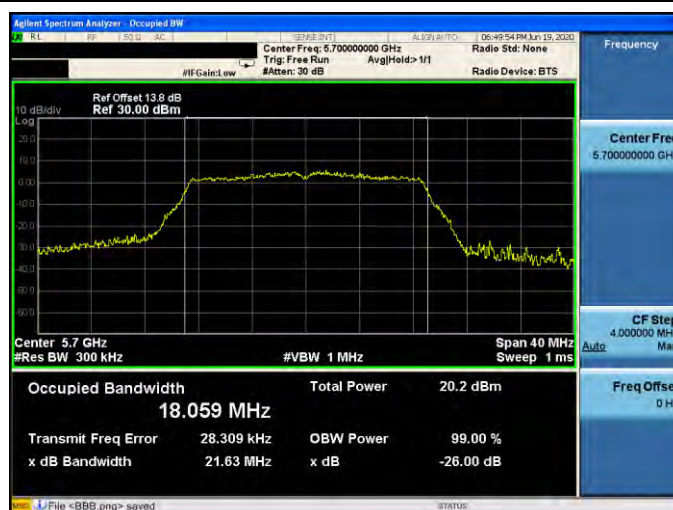
CH100



CH112



CH140



Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0

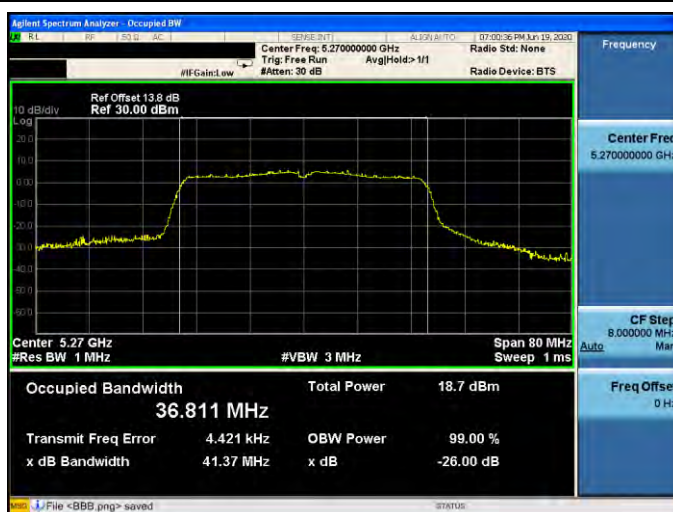
CH38



CH46



CH54



Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0

CH62



CH102



Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0

CH110



CH134

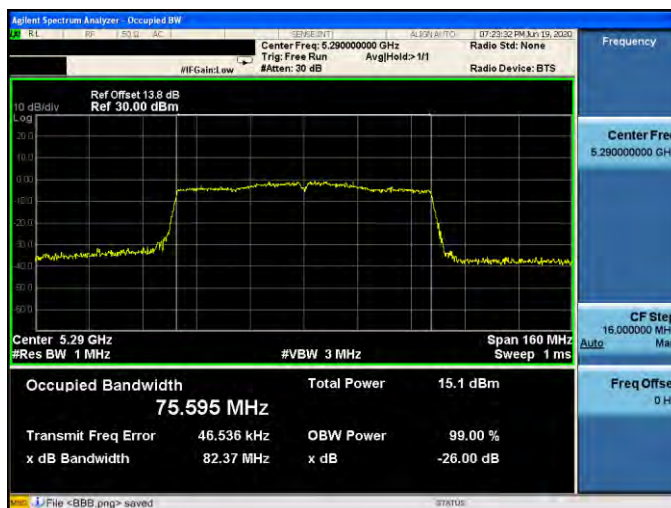


Mode 10: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-0

CH42



CH58

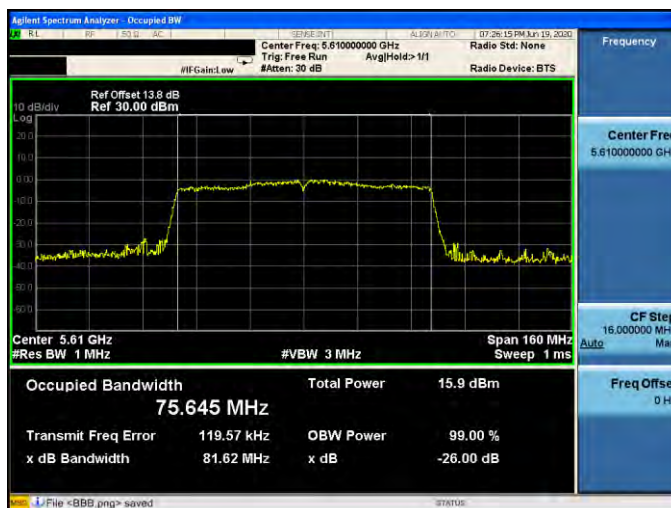


Mode 10: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-0

CH106

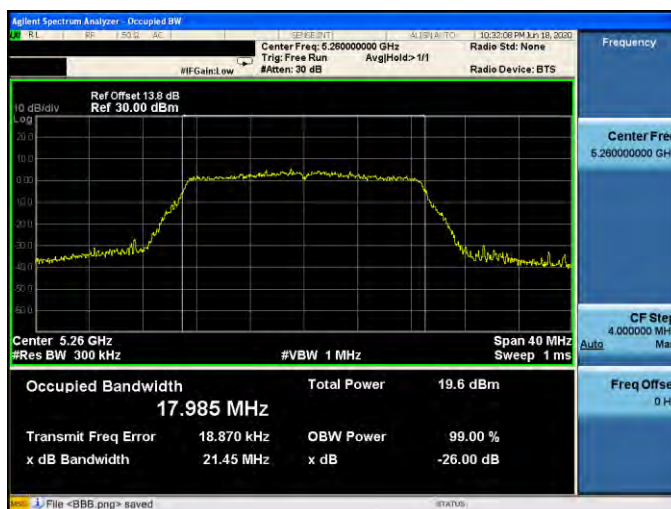


CH122

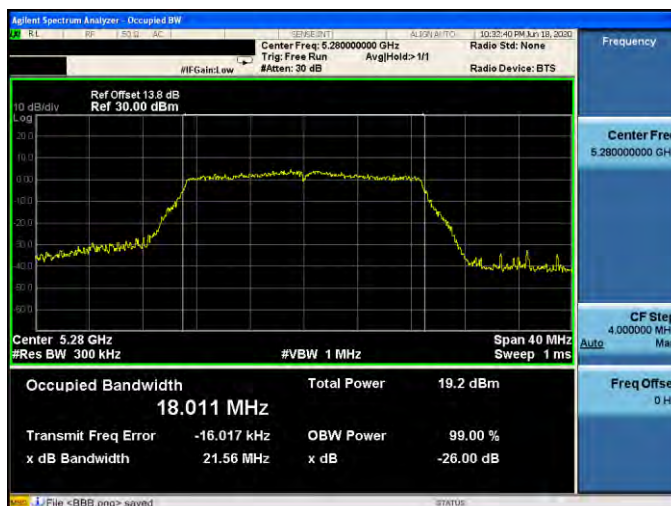


Mode 6: IEEE 802.11an 20 MHz Continuous TX Mode_ANT-1

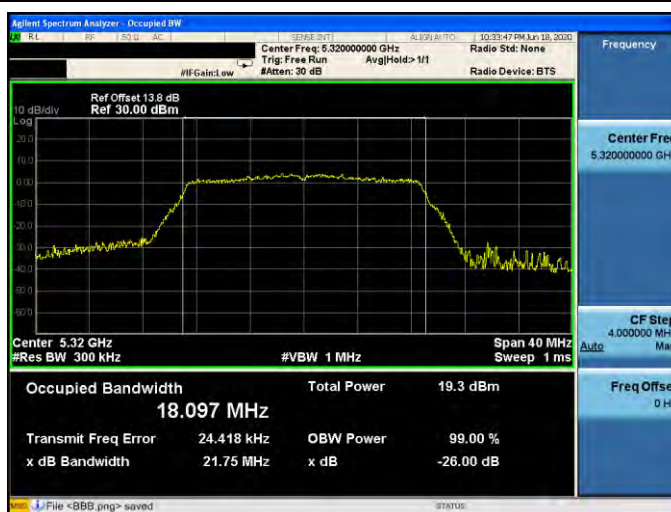
CH52



CH56

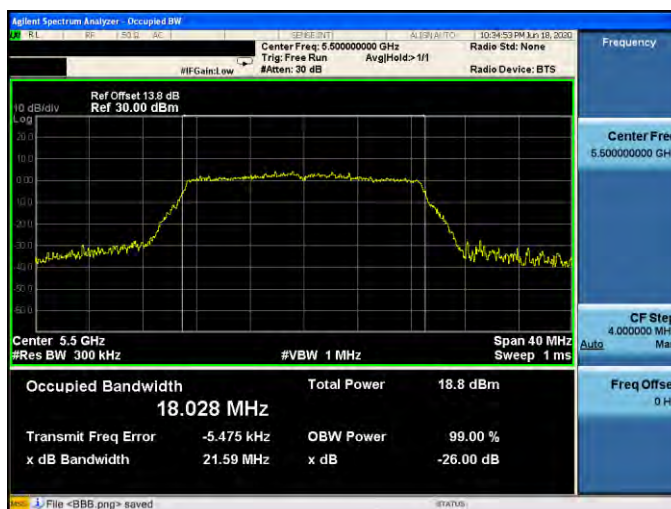


CH64

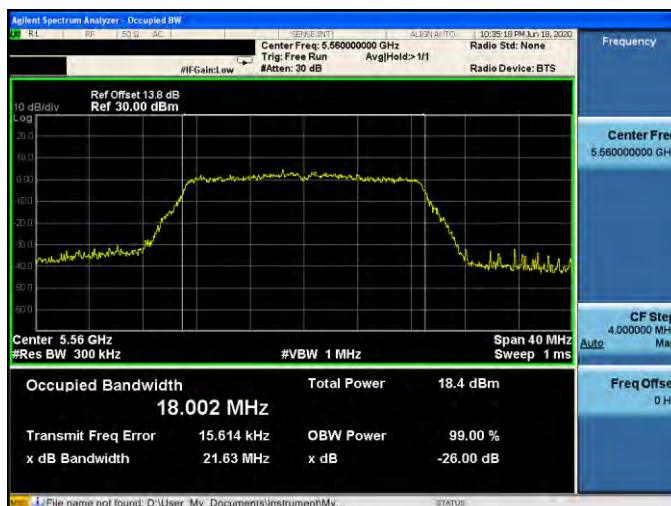


Mode 6: IEEE 802.11an 20 MHz Continuous TX Mode_ANT-1

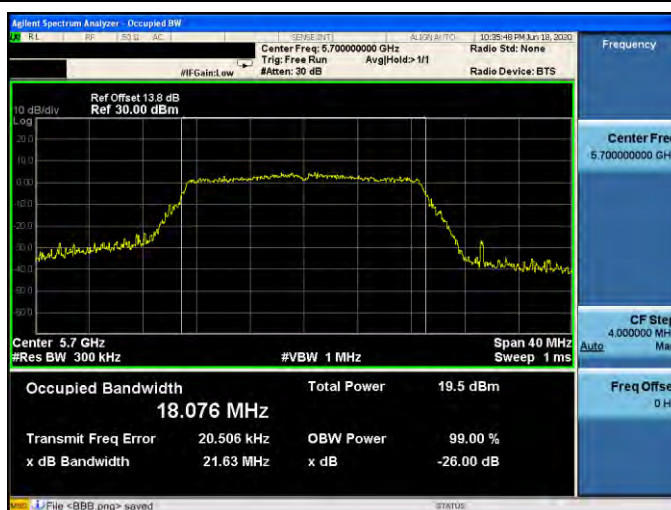
CH100



CH112



CH140

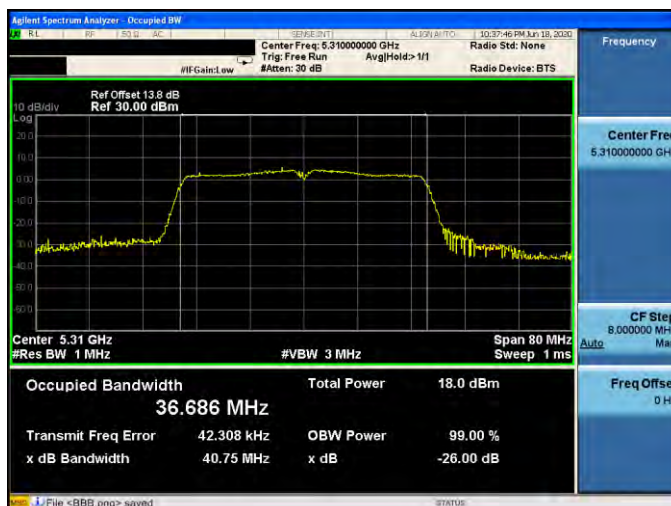


Mode 7: IEEE 802.11an 40 MHz Continuous TX Mode_ANT-1

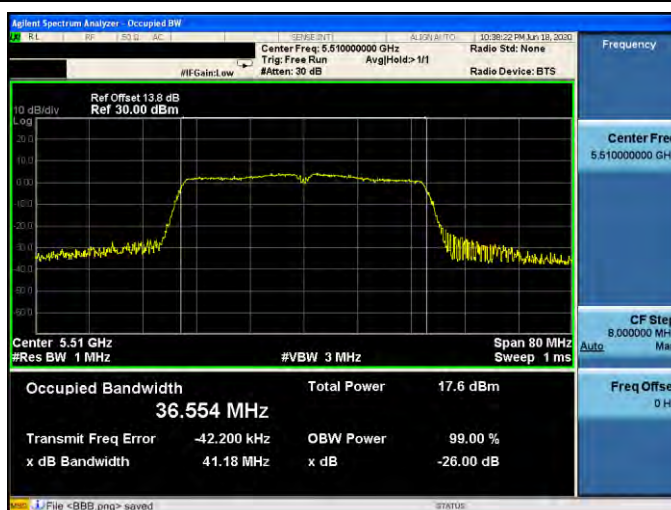
CH54



CH62

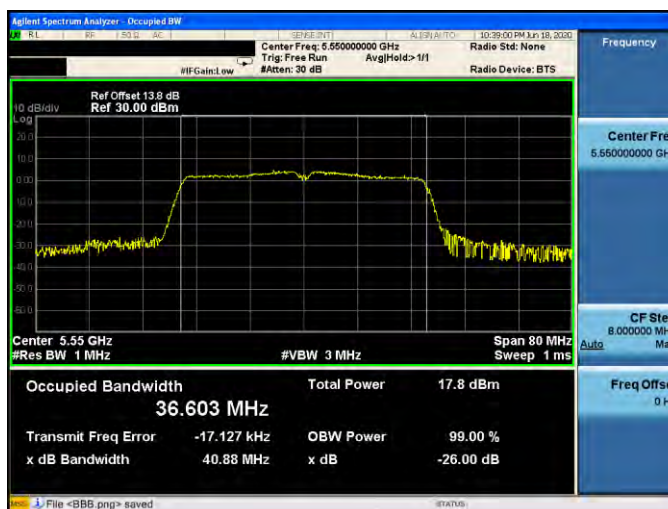


CH102

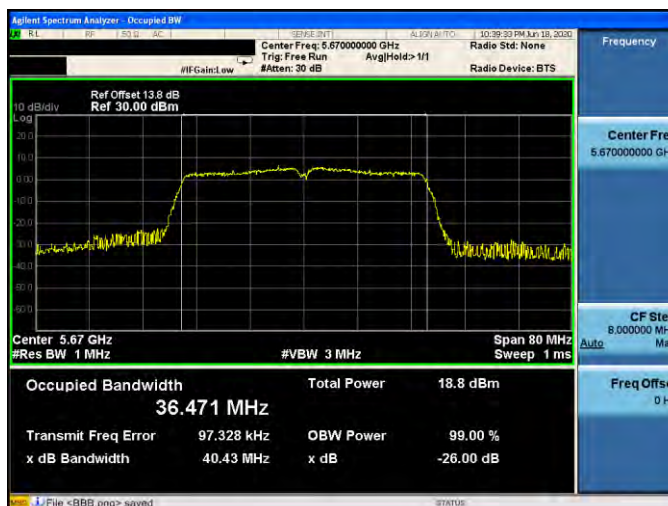


Mode 7: IEEE 802.11an 40 MHz Continuous TX Mode_ANT-1

CH110



CH134

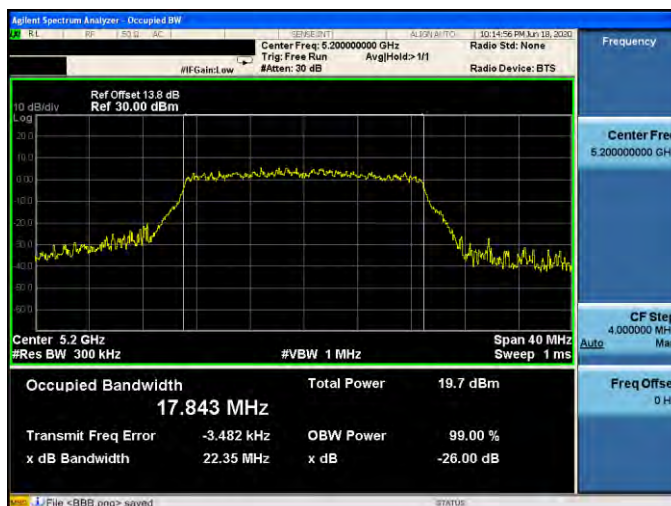


Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

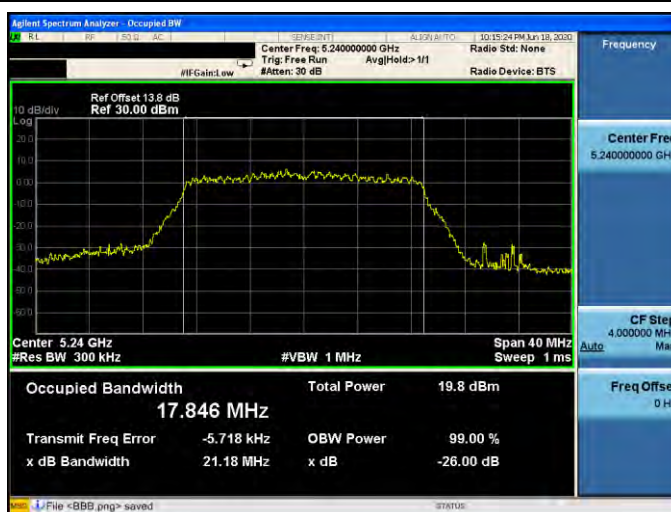
CH36



CH40

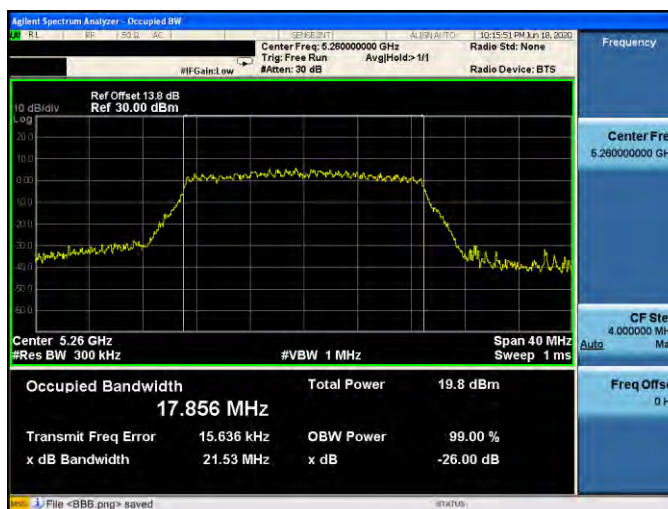


CH48

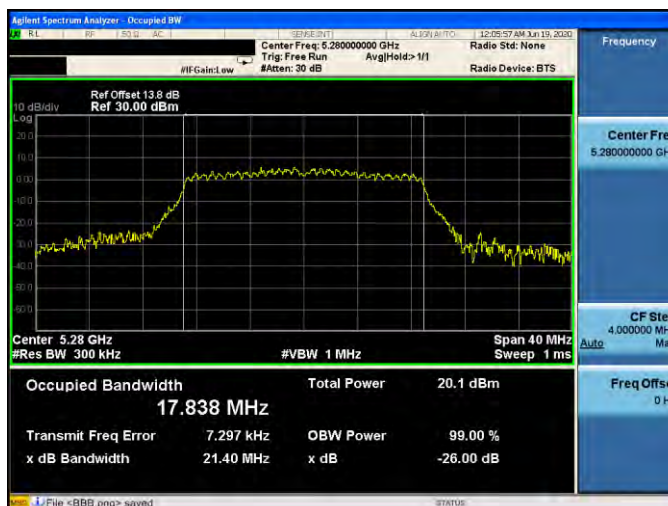


Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

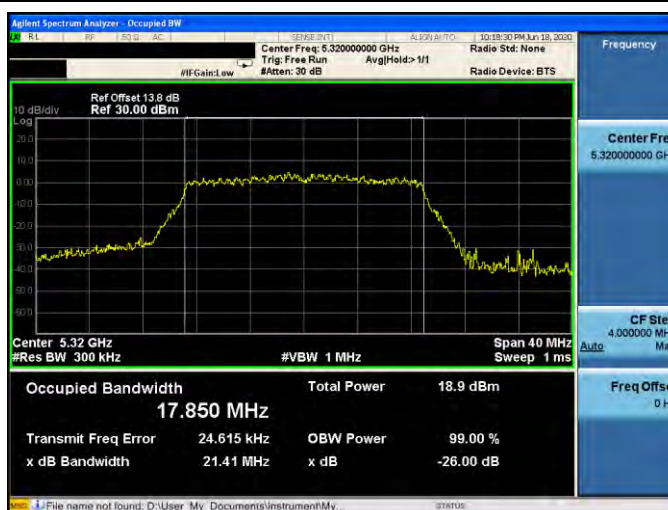
CH52



CH56



CH64

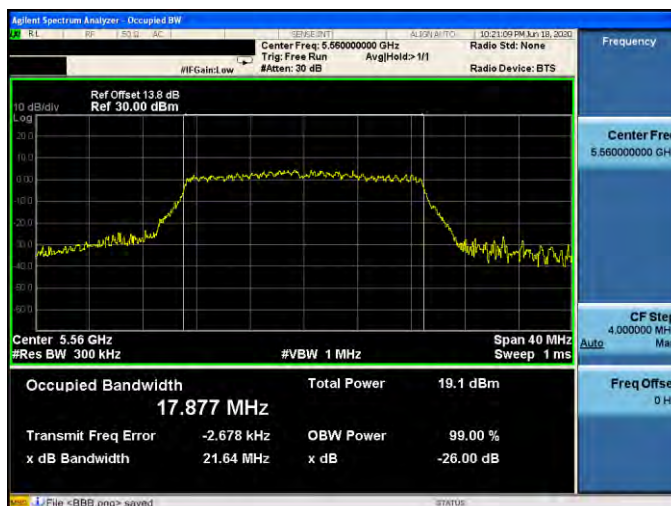


Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

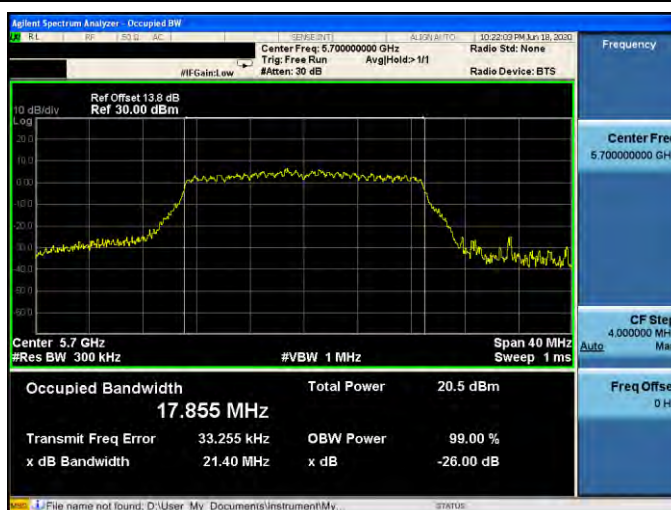
CH100



CH112

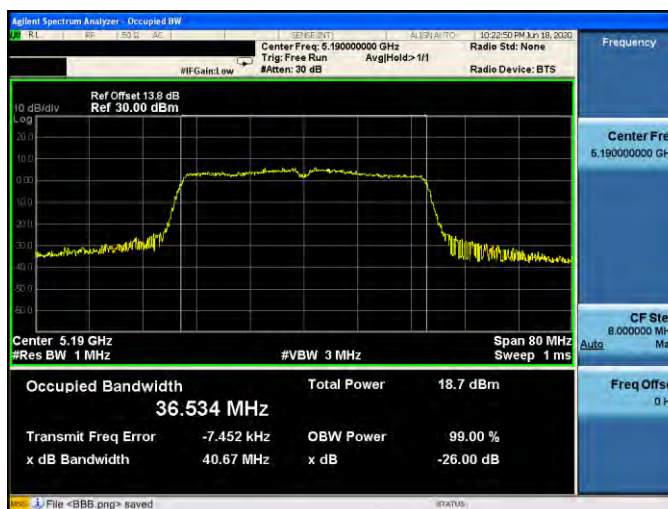


CH140



Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1

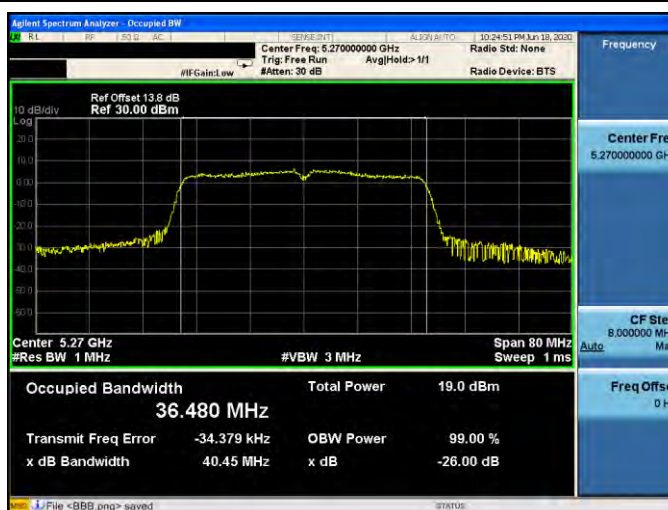
CH38



CH46

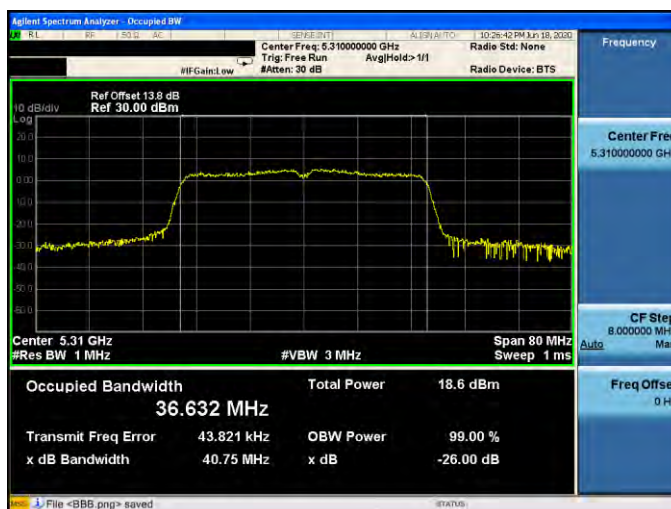


CH54

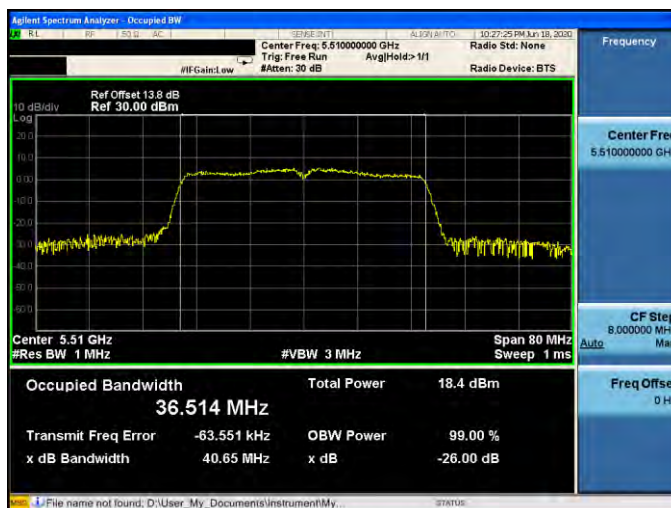


Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1

CH62

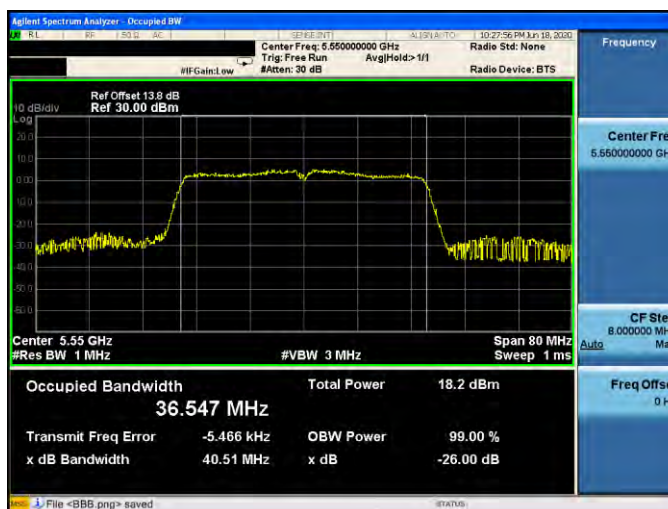


CH102

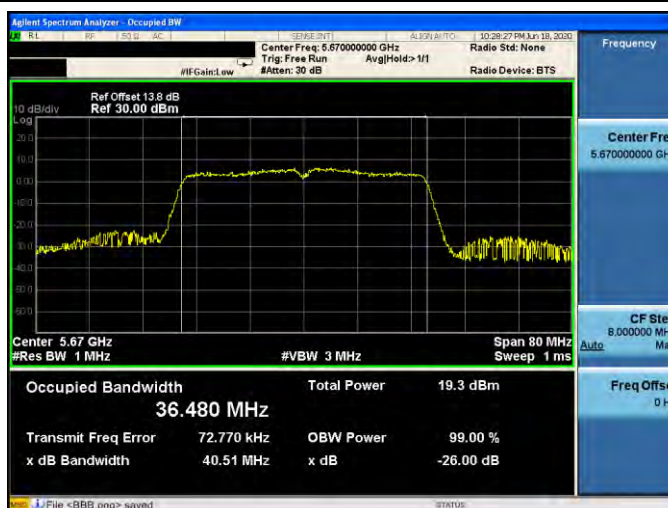


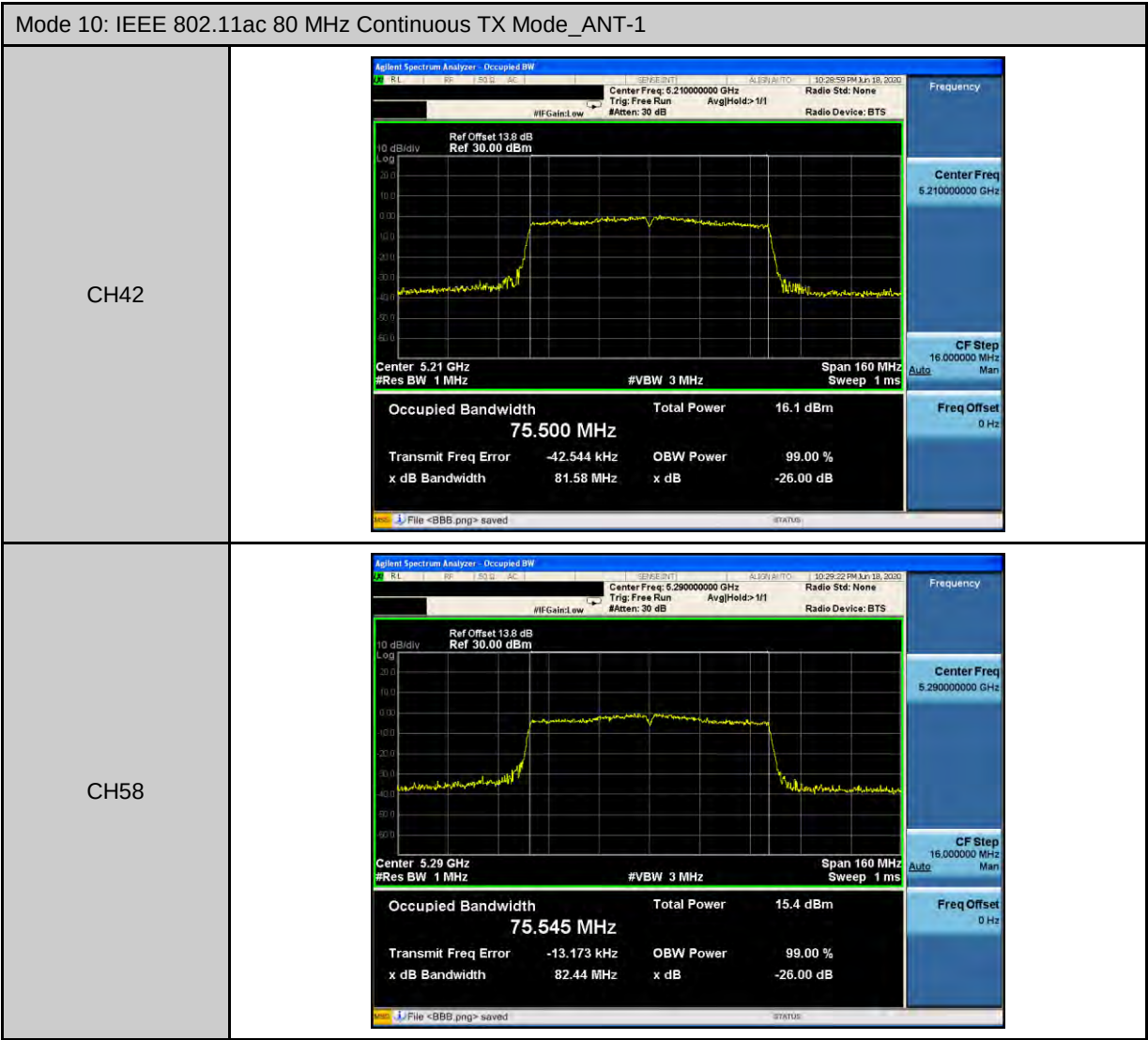
Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1

CH110



CH134





Mode 10: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-1

CH106



CH122

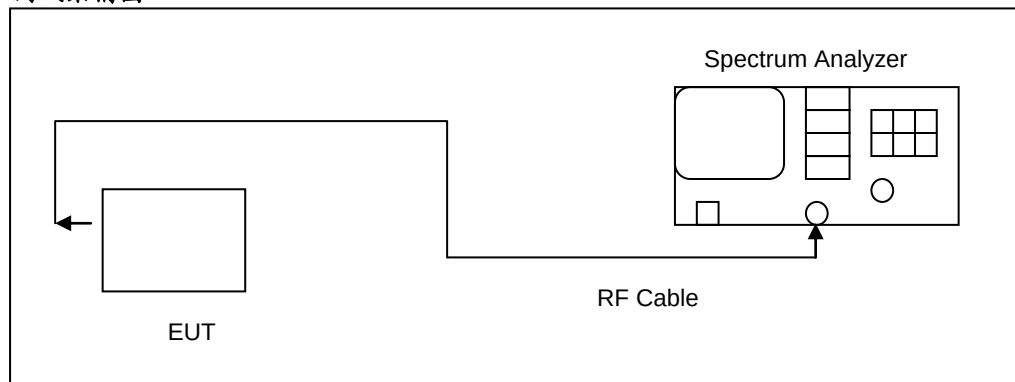


4.3.5 6 dB頻寬之要求

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：



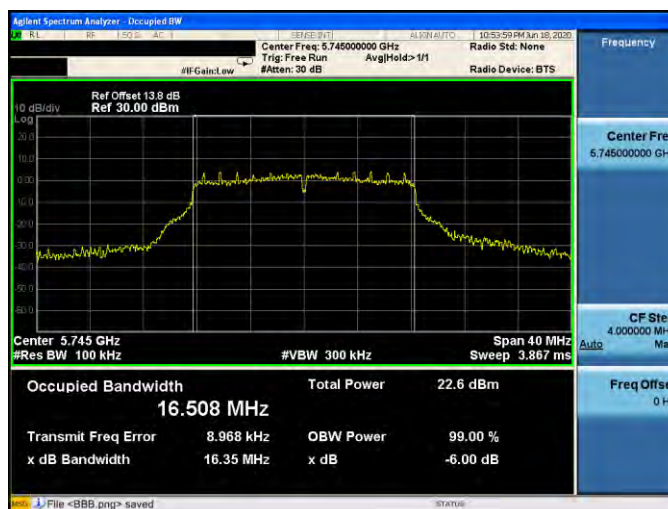
測試結果:

操作模式	: Mode 5 / Mode 8 / Mode 9 / Mode 10
測試結果	: 合格

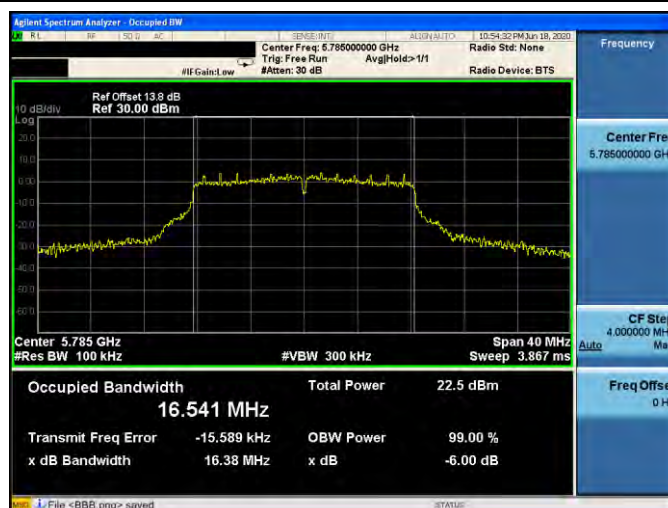
操作模式	頻道 (CH)	頻率 (MHz)	6 dB 頻寬量測值 (kHz)	限制值 (kHz)
			ANT-0	
Mode 5	149	5745.0	16350	≥ 500
	157	5785.0	16380	≥ 500
	165	5825.0	16370	≥ 500
Mode 8	149	5745.0	17580	≥ 500
	157	5785.0	17600	≥ 500
	165	5825.0	17590	≥ 500
Mode 9	151	5755.0	36360	≥ 500
	159	5795.0	36130	≥ 500
Mode 10	155	5775.0	75590	≥ 500
操作模式	頻道 (CH)	頻率 (MHz)	6 dB 頻寬量測值 (kHz)	限制值 (kHz)
			ANT-1	
Mode 8	149	5745.0	17630	≥ 500
	157	5785.0	17620	≥ 500
	165	5825.0	17610	≥ 500
Mode 9	151	5755.0	36370	≥ 500
	159	5795.0	36390	≥ 500
Mode 10	155	5775.0	75480	≥ 500

Mode 5: IEEE 802.11a Continuous TX Mode_ANT-0

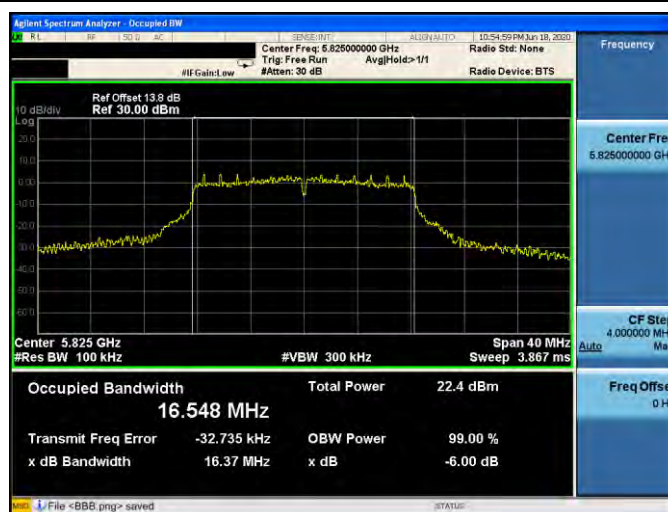
CH149



CH157

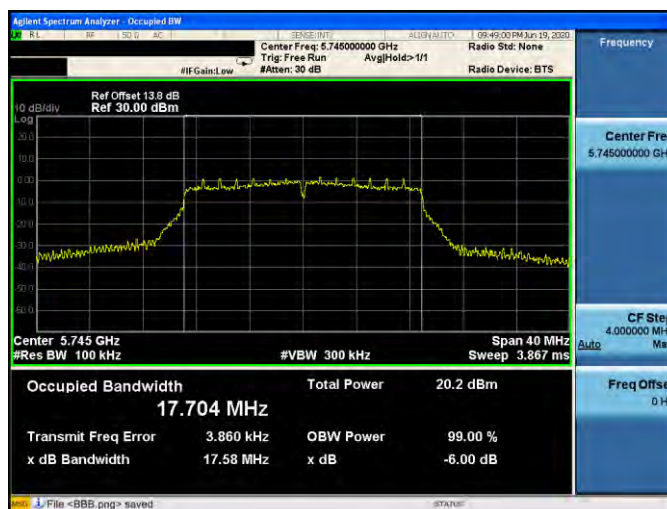


CH165

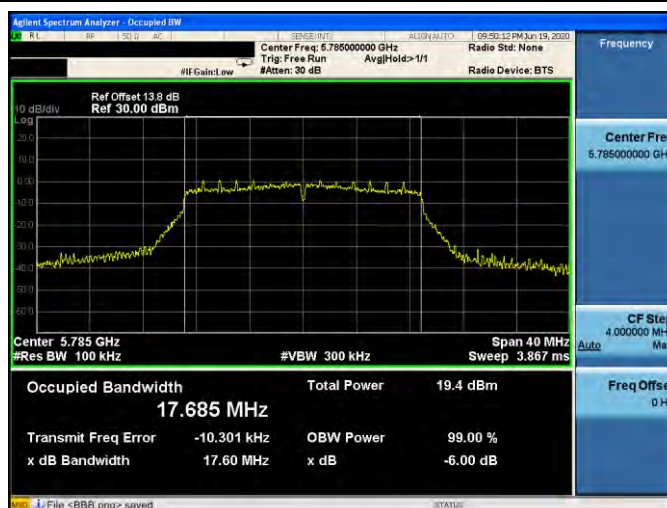


Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

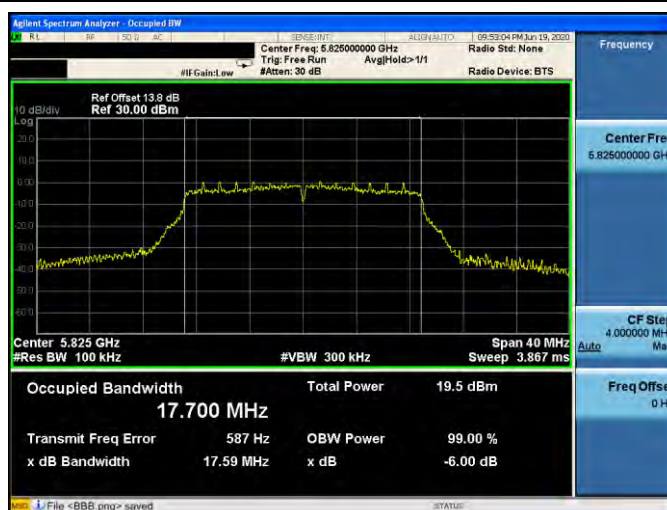
CH149



CH157

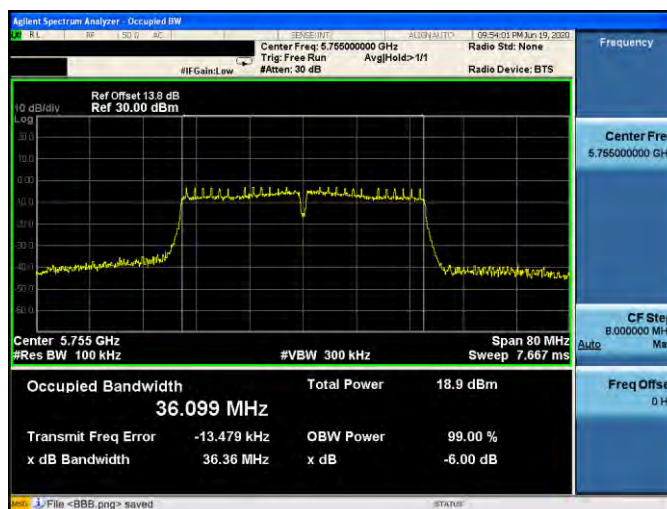


CH165

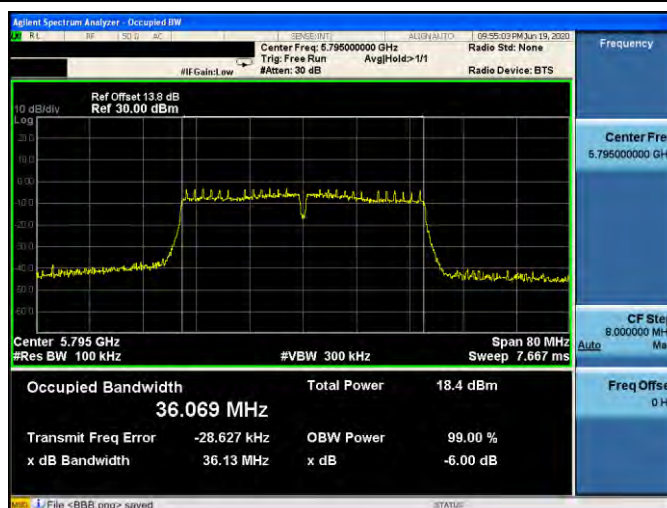


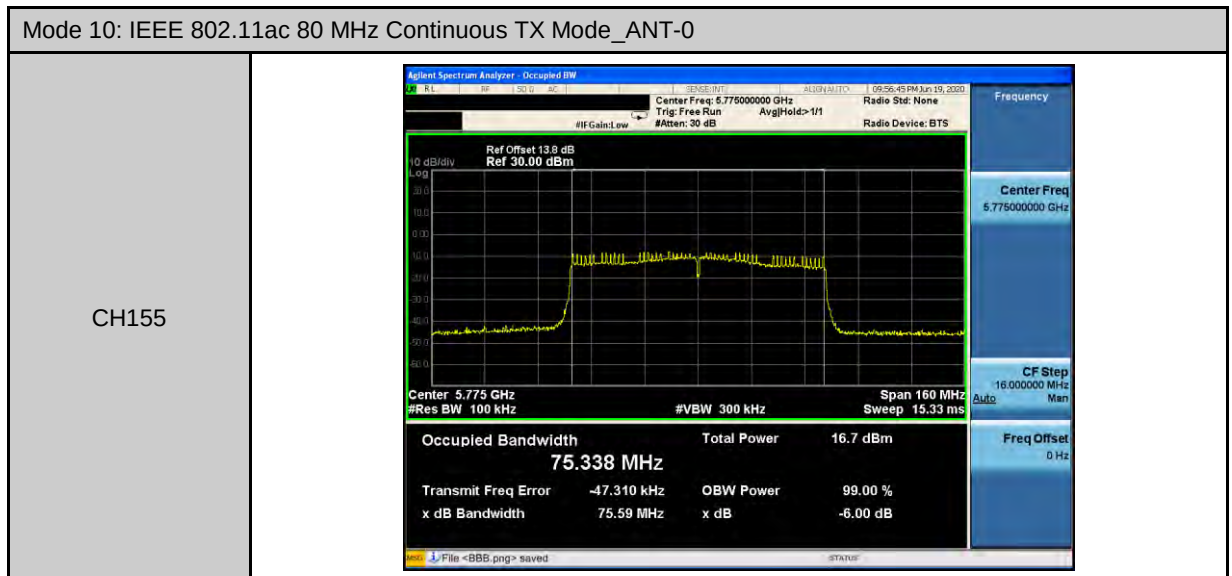
Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-0

CH151



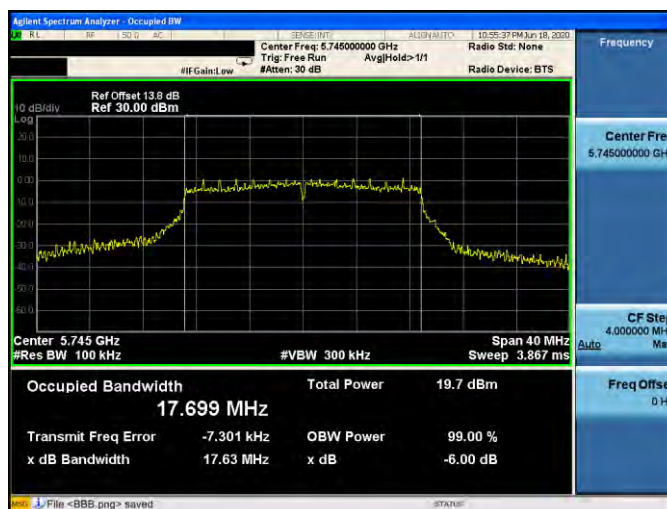
CH159



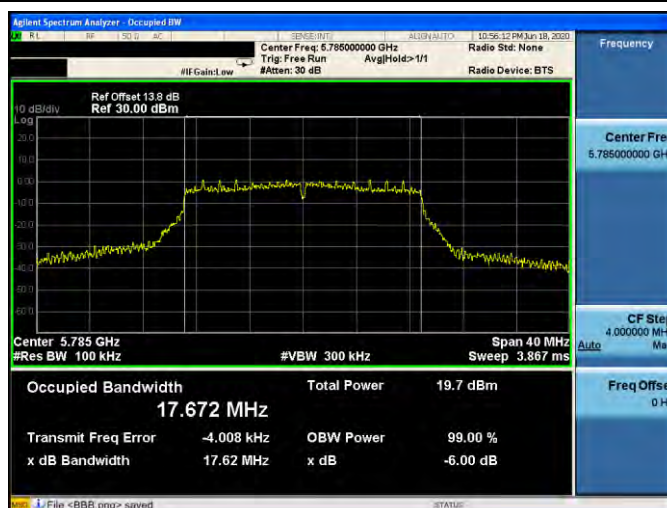


Mode 8: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1

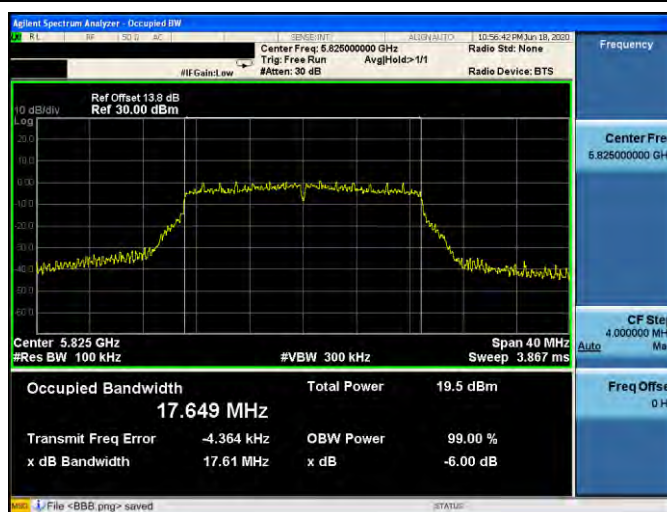
CH149



CH157

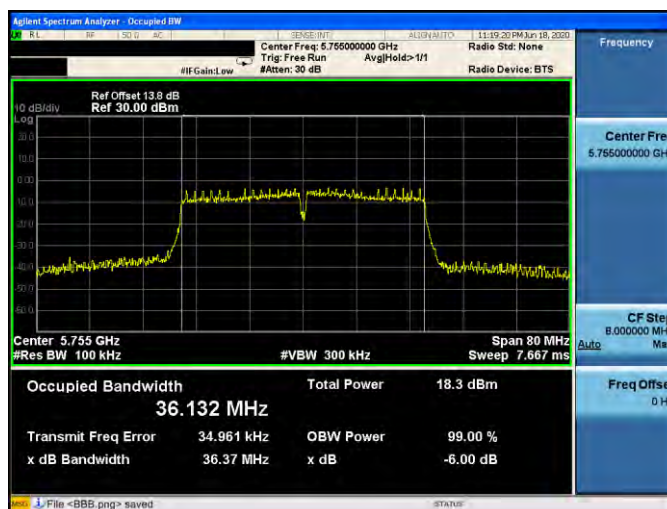


CH165

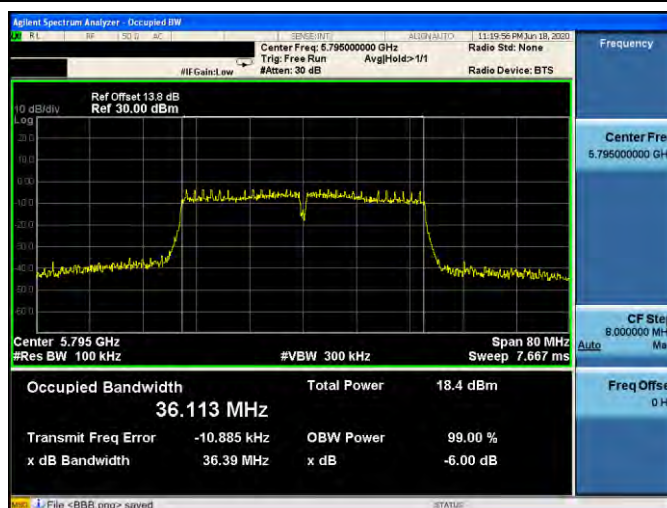


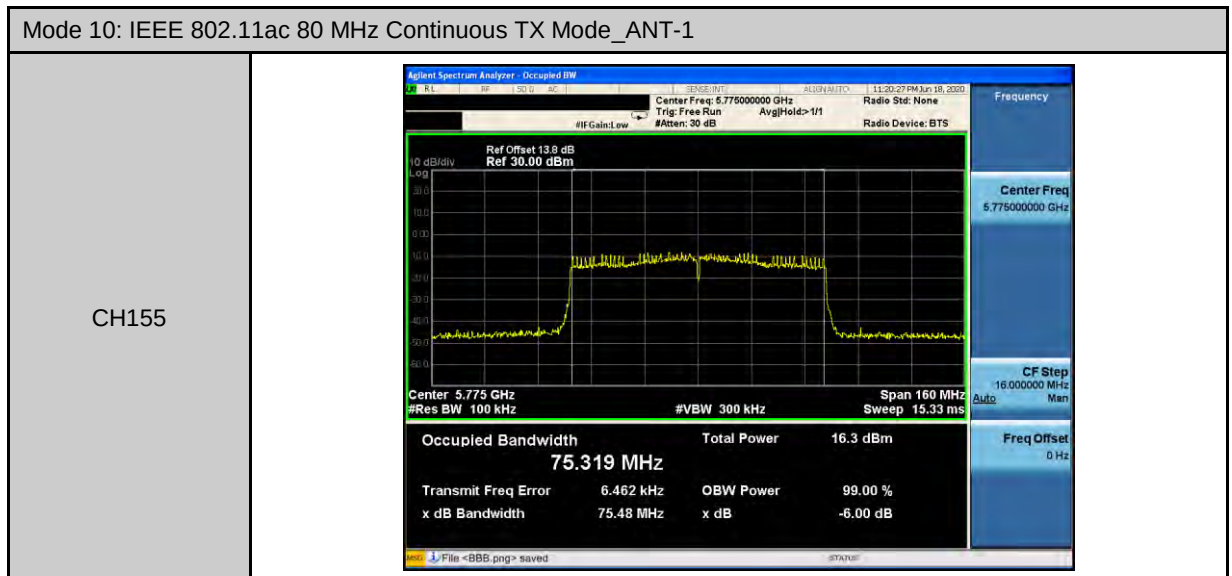
Mode 9: IEEE 802.11ac 40 MHz Continuous TX Mode_ANT-1

CH151



CH159



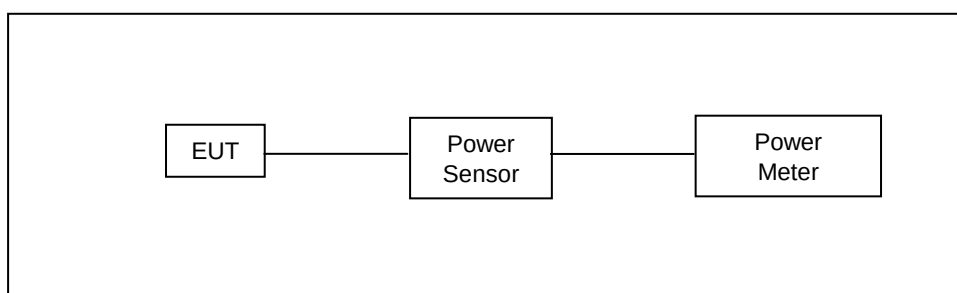


4.3.6 發射功率控制(TPC)之量測

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 8 / Mode 9 / Mode 10
測試結果	: Mode 5: EIRP = 92.257 mW < 500 mW , 故不需評估發射功率控制(TPC)。 Mode 6: EIRP = 236.979 mW < 500 mW , 故不需評估發射功率控制(TPC)。 Mode 7: EIRP = 96.948 mW < 500 mW , 故不需評估發射功率控制(TPC)。 Mode 8: EIRP = 239.991 mW < 500 mW , 故不需評估發射功率控制(TPC)。 Mode 9: EIRP = 105.752 mW < 500 mW , 故不需評估發射功率控制(TPC)。 Mode 10: EIRP = 59.372 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:

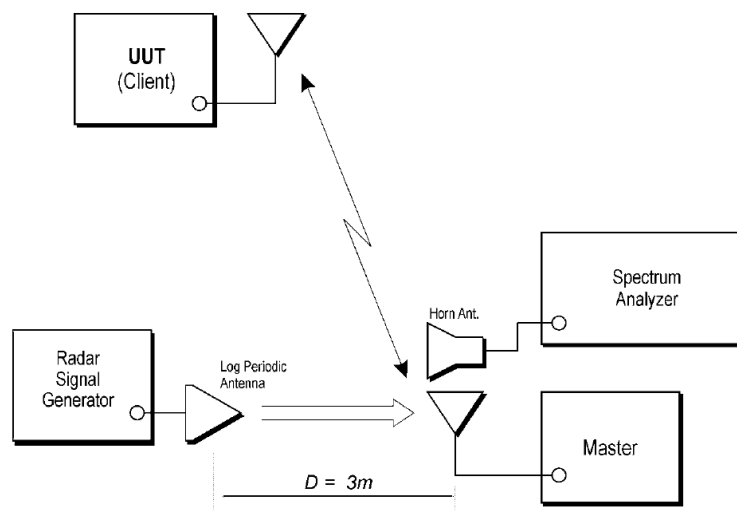
最低動態頻率選擇的偵測門檻

- 最大 EIRP 為 200 mW 至 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:

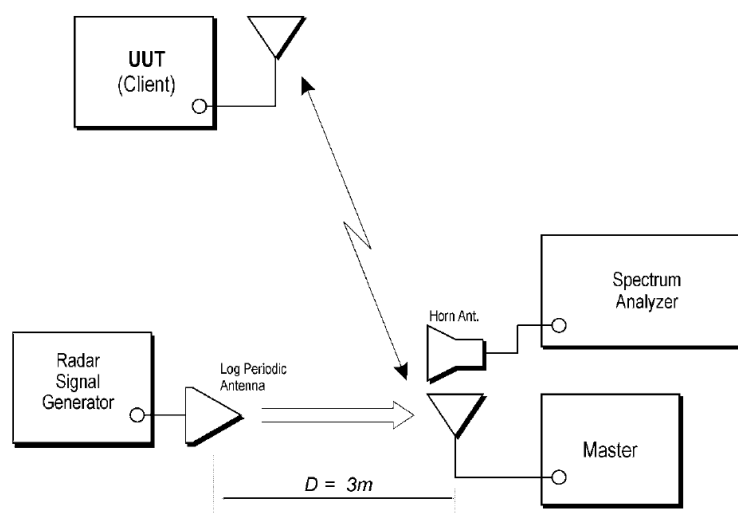
操作模式	: Mode 10
測試結果	: 不適用, 此產品為受控裝置, 因此不須評估動態頻率選擇(DFS)

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:

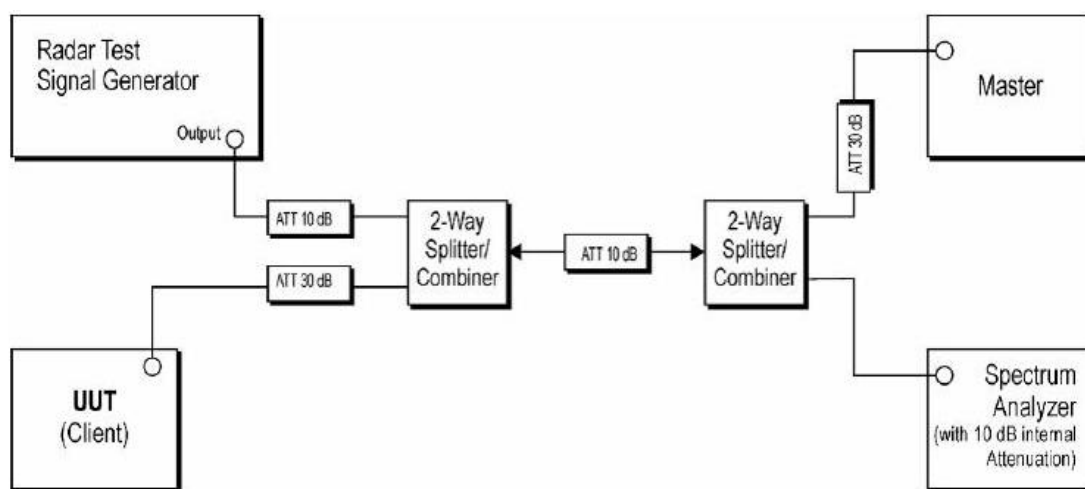
操作模式	: Mode 10
測試結果	: 不適用; 此產品為受控裝置, 因此不須評估頻道可用性檢查時間

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
2.	ASUS Access Point	ASUS	RT-AX88U	FCC : MSQ-RTAXHP00

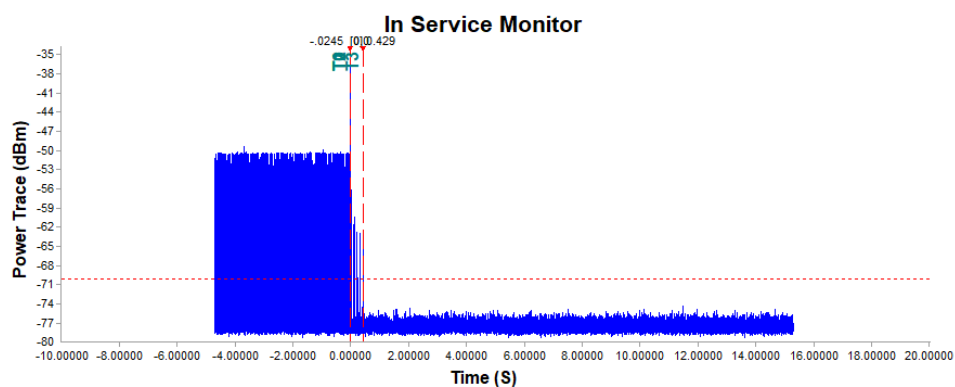
測試結果:

操作模式 : Mode 10

Frequency (MHz)	Radar Type	Channel Move Time (sec)	Limit (sec)
5610	Type 0	0.4290	10

Frequency (MHz)	Radar Type	Aggregate Channel Closing Transmission Time (msec)	Limit (msec)
5610	Type 0	4.9999	200

Mode 10 : IEEE 802.11ac 80 MHz Continuous TX Mode

Channel Move Time
/
Channel Closing
Transmission Time

Time Index Info

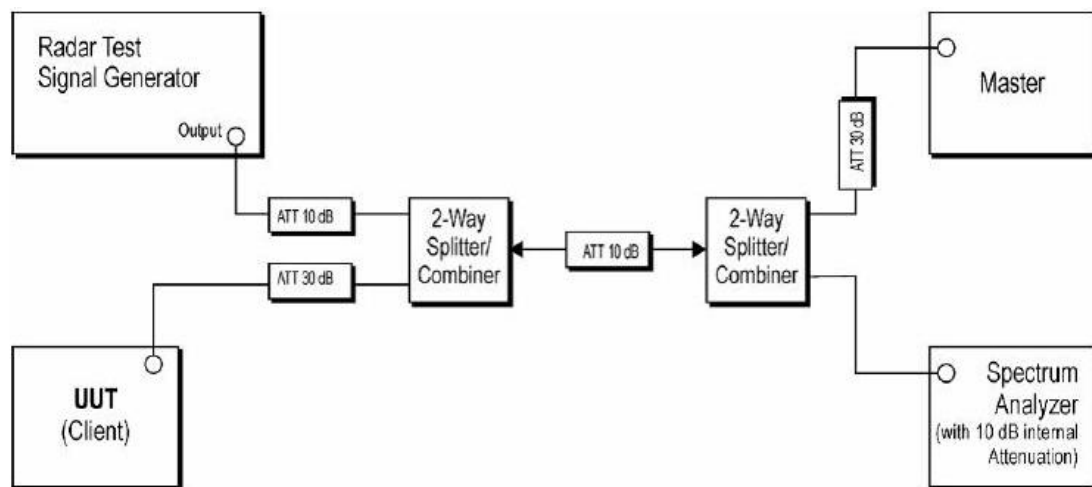
T0 : -0.0245 S	Time Per Bin: 0.4999875 ms	Channel Move Time: 0.4289893 S
T1 : 0.0000 S	T2~T3 Bins Over Threshold:	Channel Close Time: 0.0049999 S
T2 : 0.0000 S	= 10 Bins	
T3 : 0.4290 S		

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 10
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。

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)
WLAN 2.4 GHz	2402~2462	1	20	16.98	2.64	1.84	1	91.795	0.0183
WLAN 5 GHz	5150~5850	1	20	17.36	6.47	4.44	1	241.759	0.0481

--- END---