

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4608.900	51.58	5.32	56.90	74.00	-17.10	peak
2	4608.900	40.12	5.32	45.44	54.00	-8.56	AVG
3	4671.600	52.22	5.51	57.73	74.00	-16.27	peak
4	4671.600	40.36	5.51	45.87	54.00	-8.13	AVG
5	4696.900	51.88	5.58	57.46	74.00	-16.54	peak
6	4696.900	40.13	5.58	45.71	54.00	-8.29	AVG
7	4814.600	51.87	5.94	57.81	74.00	-16.19	peak
8	4814.600	39.83	5.94	45.77	54.00	-8.23	AVG
9	4853.100	51.08	6.07	57.15	74.00	-16.85	peak
10	4853.100	39.91	6.07	45.98	54.00	-8.02	AVG
11	5070.900	50.65	6.71	57.36	74.00	-16.64	peak
12	5070.900	39.24	6.71	45.95	54.00	-8.05	AVG
13	5130.300	50.70	6.88	57.58	74.00	-16.42	peak
14	5130.300	39.88	6.88	46.76	54.00	-7.24	AVG
15	5150.000	49.33	6.94	56.27	74.00	-17.73	peak
16	5150.000	39.83	6.94	46.77	54.00	-7.23	AVG
17	5244.700	91.32	7.20	98.52	--	--	peak
18	5350.000	48.31	7.50	55.81	74.00	-18.19	peak
19	5350.000	38.16	7.50	45.66	54.00	-8.34	AVG
20	5396.500	49.25	7.64	56.89	74.00	-17.11	peak
21	5396.500	39.05	7.64	46.69	54.00	-7.31	AVG
22	5422.900	50.80	7.71	58.51	74.00	-15.49	peak
23	5422.900	39.54	7.71	47.25	54.00	-6.75	AVG
24	5438.300	51.16	7.76	58.92	74.00	-15.08	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

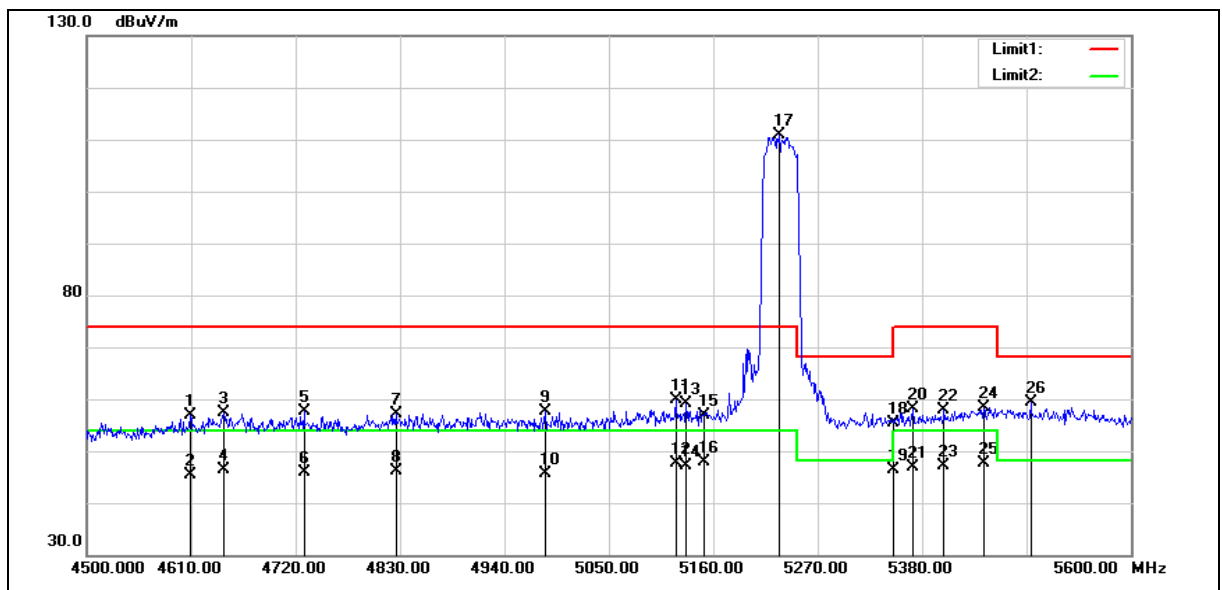
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
25	5438.300	39.78	7.76	47.54	54.00	-6.46	AVG
26	5447.100	51.24	7.78	59.02	74.00	-14.98	peak
27	5447.100	40.05	7.78	47.83	54.00	-6.17	AVG
28	5543.900	51.10	8.01	59.11	68.20	-9.09	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4608.900	51.44	5.32	56.76	74.00	-17.24	peak
2	4608.900	40.12	5.32	45.44	54.00	-8.56	AVG
3	4644.100	51.95	5.42	57.37	74.00	-16.63	peak
4	4644.100	40.89	5.42	46.31	54.00	-7.69	AVG
5	4728.800	51.92	5.68	57.60	74.00	-16.40	peak
6	4728.800	40.09	5.68	45.77	54.00	-8.23	AVG
7	4825.600	51.16	5.98	57.14	74.00	-16.86	peak
8	4825.600	40.09	5.98	46.07	54.00	-7.93	AVG
9	4982.900	51.16	6.46	57.62	74.00	-16.38	peak
10	4982.900	39.29	6.46	45.75	54.00	-8.25	AVG
11	5120.400	53.08	6.85	59.93	74.00	-14.07	peak
12	5120.400	40.70	6.85	47.55	54.00	-6.45	AVG
13	5131.400	52.17	6.89	59.06	74.00	-14.94	peak
14	5131.400	40.19	6.89	47.08	54.00	-6.92	AVG
15	5150.000	49.98	6.94	56.92	74.00	-17.08	peak
16	5150.000	40.88	6.94	47.82	54.00	-6.18	AVG
17	5229.300	103.83	7.16	110.99	--	--	peak
18	5350.000	47.96	7.50	55.46	74.00	-18.54	peak
19	5350.000	38.96	7.50	46.46	54.00	-7.54	AVG
20	5370.100	50.60	7.56	58.16	74.00	-15.84	peak
21	5370.100	39.20	7.56	46.76	54.00	-7.24	AVG
22	5403.100	50.25	7.66	57.91	74.00	-16.09	peak
23	5403.100	39.58	7.66	47.24	54.00	-6.76	AVG
24	5444.900	50.61	7.77	58.38	74.00	-15.62	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Vertical		

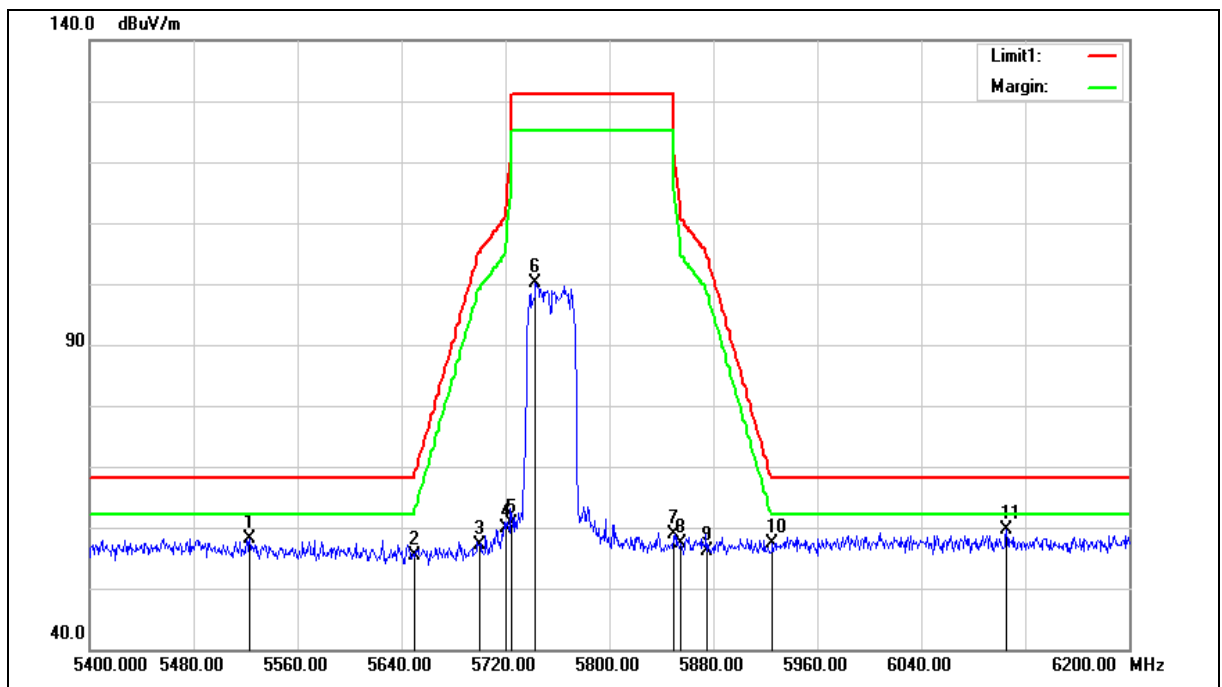
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
25	5444.900	39.98	7.77	47.75	54.00	-6.25	AVG
26	5494.400	51.47	7.91	59.38	68.20	-8.82	peak

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 10		
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 10		
Ant.Polar.:	Horizontal		

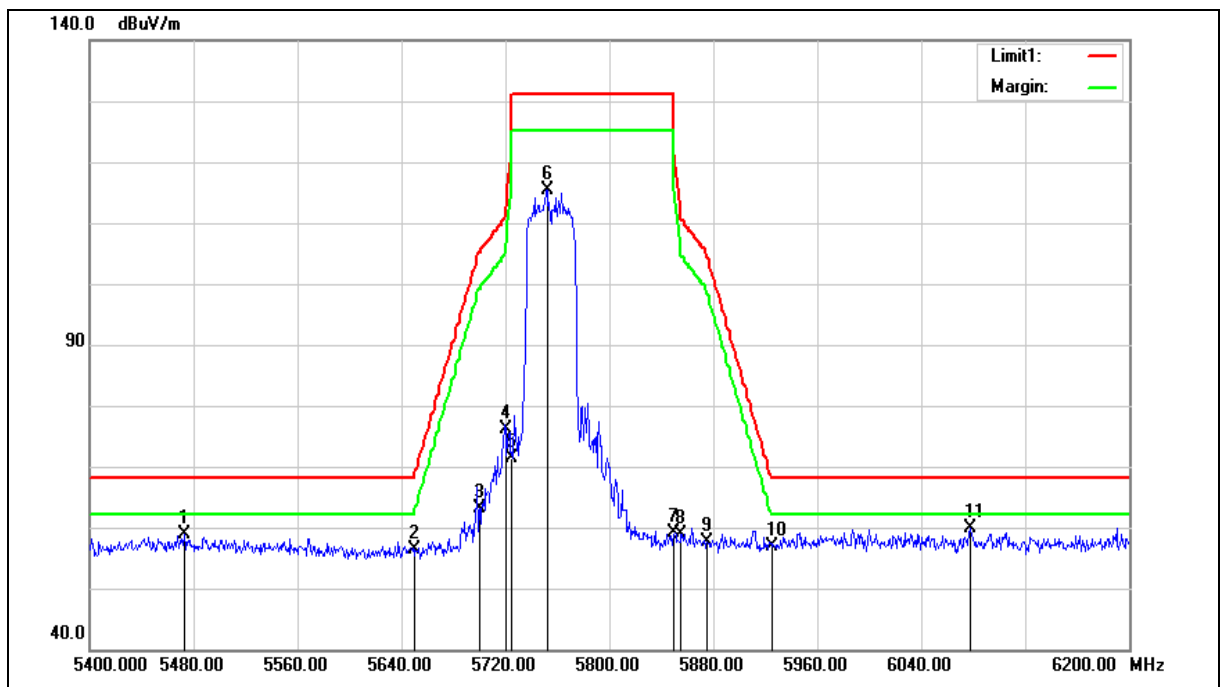
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5523.200	50.25	7.97	58.22	68.20	-9.98	peak
2	5650.000	47.07	8.24	55.31	68.20	-12.89	peak
3	5700.000	48.89	8.34	57.23	105.20	-47.97	peak
4	5720.000	51.38	8.38	59.76	110.80	-51.04	peak
5	5725.000	52.22	8.39	60.61	122.20	-61.59	peak
6	5743.200	91.67	8.42	100.09	--	--	peak
7	5850.000	50.13	8.63	58.76	122.20	-63.44	peak
8	5855.000	48.84	8.64	57.48	110.80	-53.32	peak
9	5875.000	47.49	8.69	56.18	105.20	-49.02	peak
10	5925.000	48.62	8.79	57.41	68.20	-10.79	peak
11	6105.600	50.27	9.26	59.53	68.20	-8.67	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 10		
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 10		
Ant.Polar.:	Vertical		

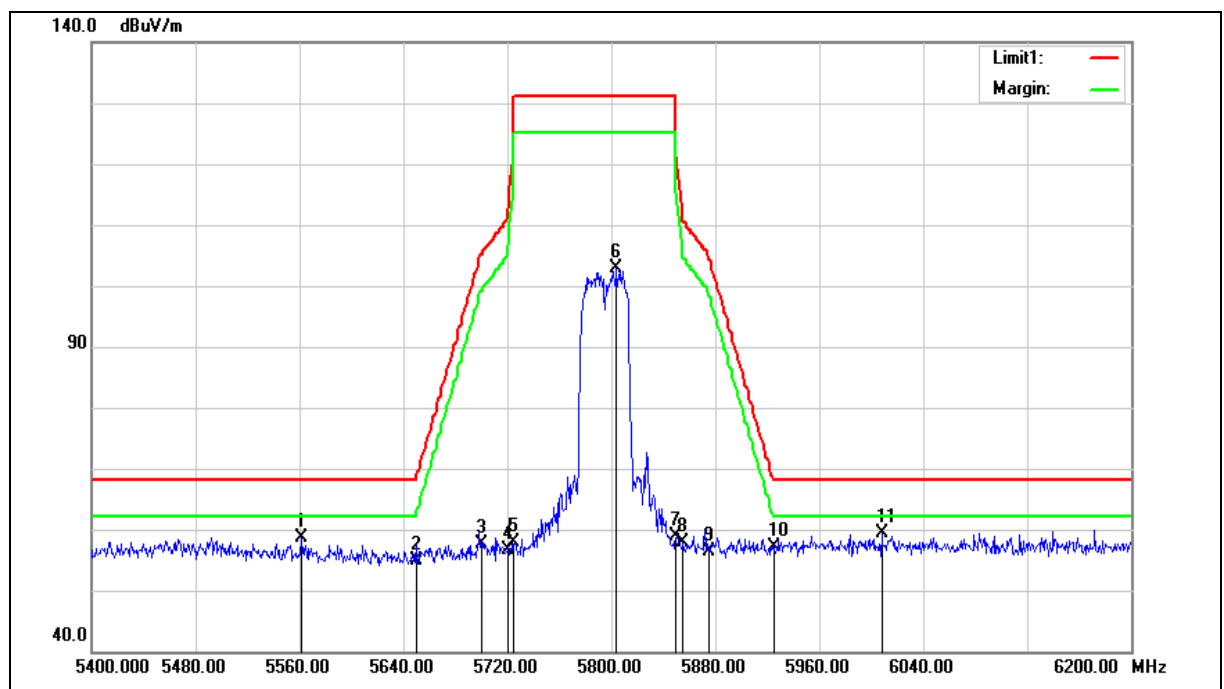
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5472.800	51.14	7.85	58.99	68.20	-9.21	peak
2	5650.000	48.11	8.24	56.35	68.20	-11.85	peak
3	5700.000	54.85	8.34	63.19	105.20	-42.01	peak
4	5720.000	67.63	8.38	76.01	110.80	-34.79	peak
5	5725.000	63.10	8.39	71.49	122.20	-50.71	peak
6	5752.000	107.00	8.44	115.44	--	--	peak
7	5850.000	50.41	8.63	59.04	122.20	-63.16	peak
8	5855.000	50.31	8.64	58.95	110.80	-51.85	peak
9	5875.000	48.82	8.69	57.51	105.20	-47.69	peak
10	5925.000	48.12	8.79	56.91	68.20	-11.29	peak
11	6077.600	50.74	9.18	59.92	68.20	-8.28	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:	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 10		
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 10		
Ant.Polar.:	Horizontal		

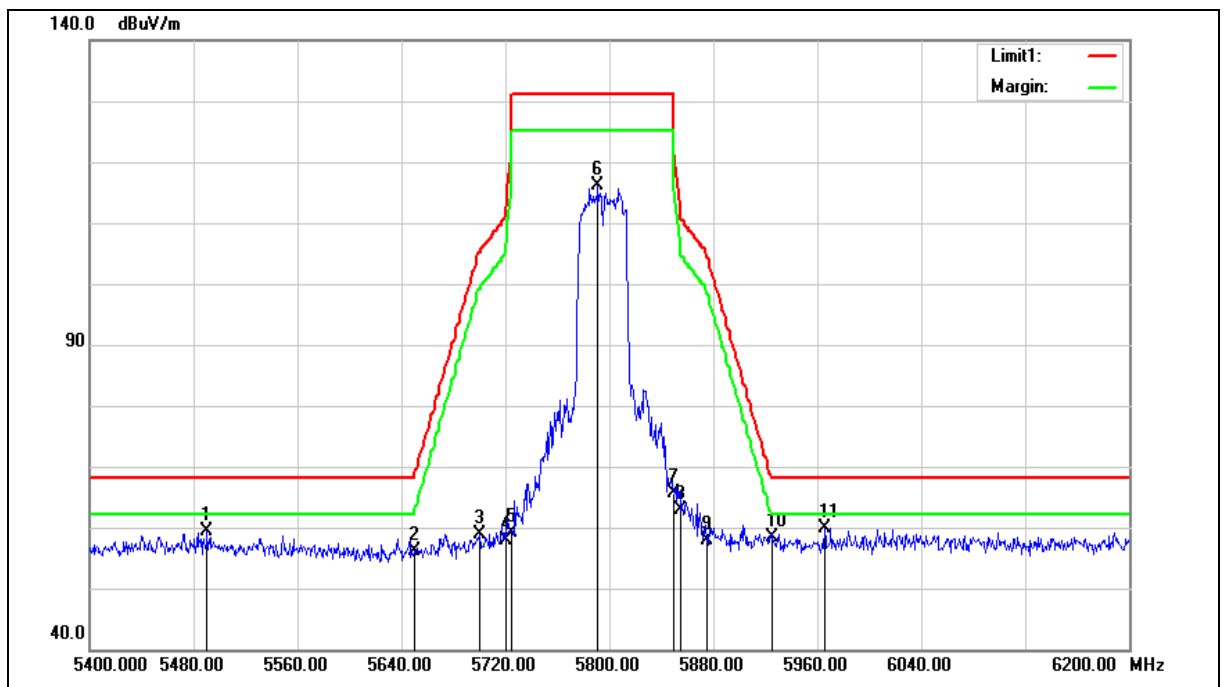
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5561.600	50.60	8.05	58.65	68.20	-9.55	peak
2	5650.000	46.63	8.24	54.87	68.20	-13.33	peak
3	5700.000	49.19	8.34	57.53	105.20	-47.67	peak
4	5720.000	48.35	8.38	56.73	110.80	-54.07	peak
5	5725.000	49.49	8.39	57.88	122.20	-64.32	peak
6	5804.000	94.36	8.54	102.90	--	--	peak
7	5850.000	50.19	8.63	58.82	122.20	-63.38	peak
8	5855.000	49.34	8.64	57.98	110.80	-52.82	peak
9	5875.000	47.72	8.69	56.41	105.20	-48.79	peak
10	5925.000	48.26	8.79	57.05	68.20	-11.15	peak
11	6008.000	50.48	8.97	59.45	68.20	-8.75	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5795 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:	5795 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Vertical		

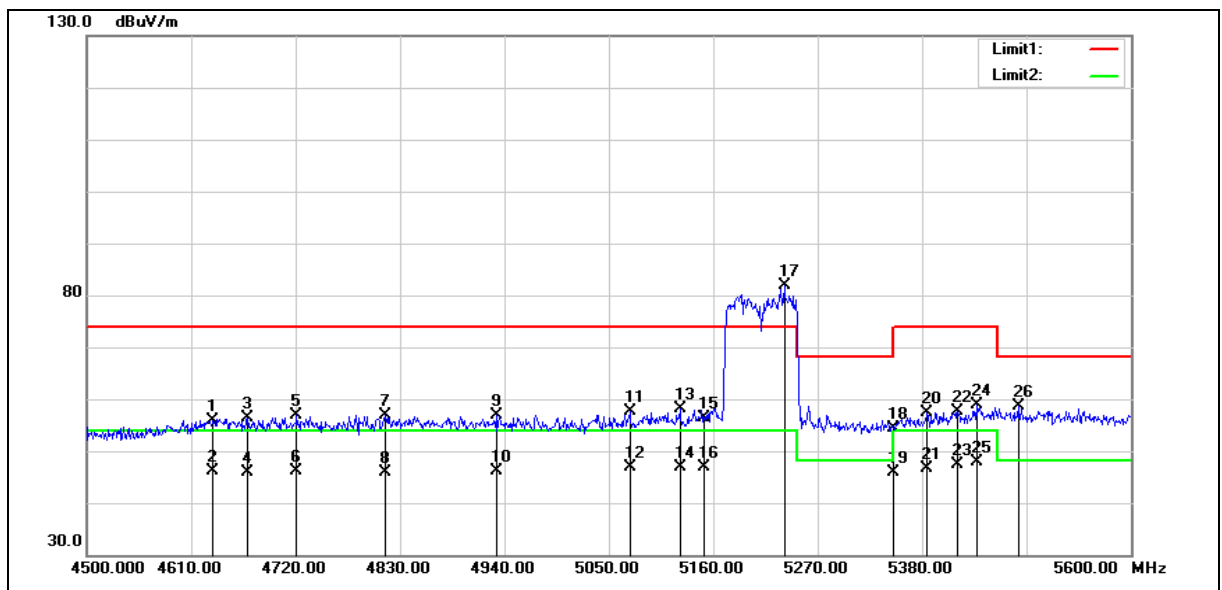
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5490.400	51.42	7.90	59.32	68.20	-8.88	peak
2	5650.000	47.87	8.24	56.11	68.20	-12.09	peak
3	5700.000	50.46	8.34	58.80	105.20	-46.40	peak
4	5720.000	49.41	8.38	57.79	110.80	-53.01	peak
5	5725.000	50.84	8.39	59.23	122.20	-62.97	peak
6	5791.200	107.65	8.52	116.17	--	--	peak
7	5850.000	56.93	8.63	65.56	122.20	-56.64	peak
8	5855.000	54.17	8.64	62.81	110.80	-47.99	peak
9	5875.000	49.29	8.69	57.98	105.20	-47.22	peak
10	5925.000	49.66	8.79	58.45	68.20	-9.75	peak
11	5965.600	51.01	8.88	59.89	68.20	-8.31	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 11		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 11		
Ant.Polar.:	Horizontal		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4633.100	50.56	5.38	55.94	74.00	-18.06	peak
2	4633.100	40.69	5.38	46.07	54.00	-7.93	AVG
3	4669.400	50.98	5.50	56.48	74.00	-17.52	peak
4	4669.400	40.36	5.50	45.86	54.00	-8.14	AVG
5	4721.100	51.16	5.66	56.82	74.00	-17.18	peak
6	4721.100	40.49	5.66	46.15	54.00	-7.85	AVG
7	4814.600	50.91	5.94	56.85	74.00	-17.15	peak
8	4814.600	39.86	5.94	45.80	54.00	-8.20	AVG
9	4931.200	50.50	6.30	56.80	74.00	-17.20	peak
10	4931.200	39.73	6.30	46.03	54.00	-7.97	AVG
11	5072.000	50.91	6.71	57.62	74.00	-16.38	peak
12	5072.000	40.28	6.71	46.99	54.00	-7.01	AVG
13	5124.800	51.37	6.85	58.22	74.00	-15.78	peak
14	5124.800	39.92	6.85	46.77	54.00	-7.23	AVG
15	5150.000	49.35	6.94	56.29	74.00	-17.71	peak
16	5150.000	40.04	6.94	46.98	54.00	-7.02	AVG
17	5234.800	74.61	7.17	81.78	--	--	peak
18	5350.000	46.93	7.50	54.43	74.00	-19.57	peak
19	5350.000	38.46	7.50	45.96	54.00	-8.04	AVG
20	5385.500	49.74	7.61	57.35	74.00	-16.65	peak
21	5385.500	39.12	7.61	46.73	54.00	-7.27	AVG
22	5417.400	49.96	7.70	57.66	74.00	-16.34	peak
23	5417.400	39.68	7.70	47.38	54.00	-6.62	AVG
24	5437.200	51.01	7.76	58.77	74.00	-15.23	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 11		
Ant.Polar.:	Horizontal		

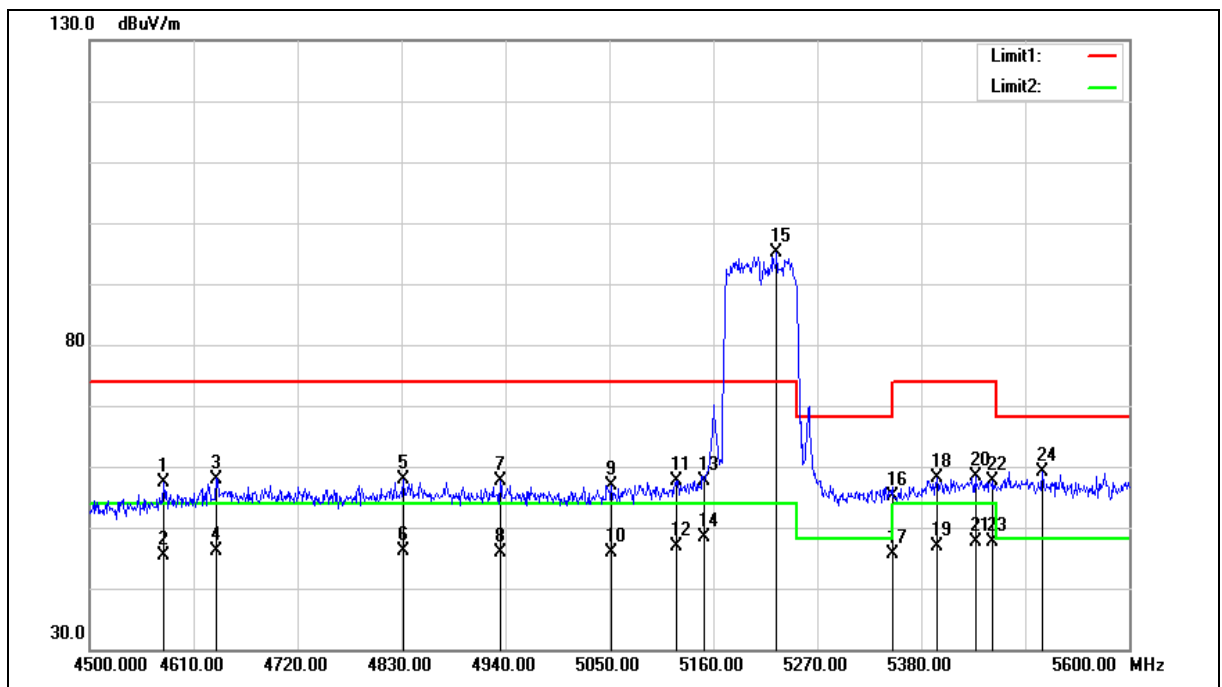
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
25	5437.200	40.05	7.76	47.81	54.00	-6.19	AVG
26	5481.200	50.83	7.88	58.71	68.20	-9.49	peak

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:	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 11		
Ant.Polar.:	Vertical		



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 11		
Ant.Polar.:	Vertical		

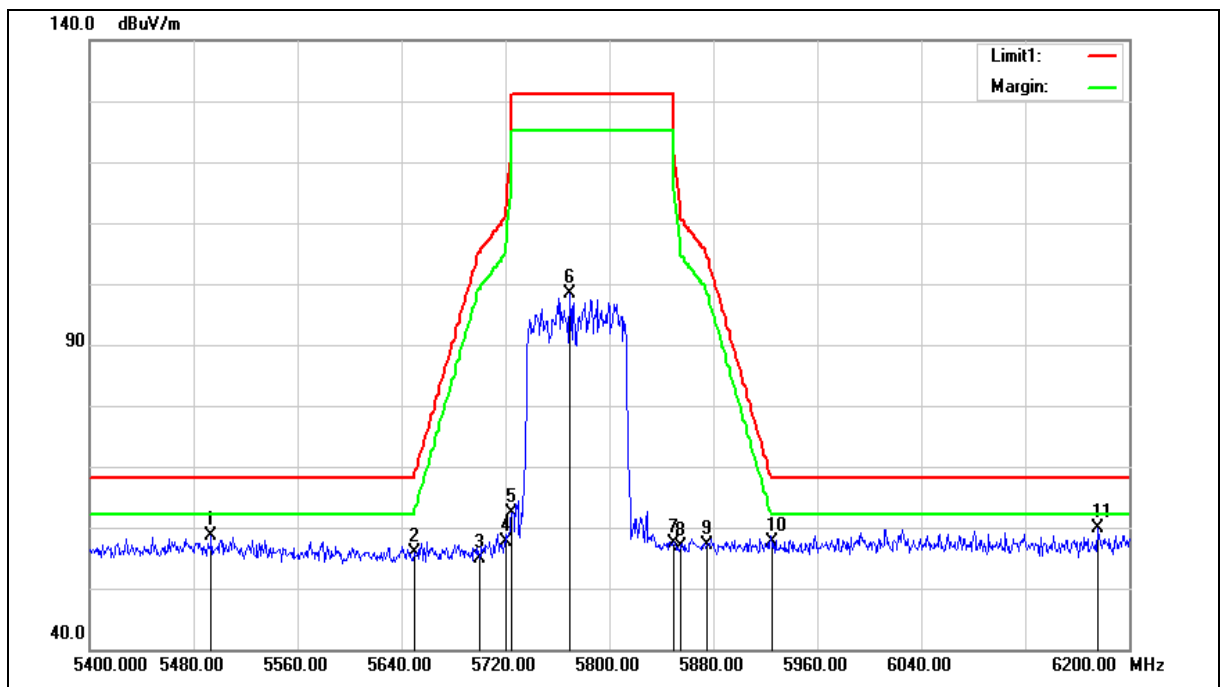
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4578.100	52.07	5.21	57.28	74.00	-16.72	peak
2	4578.100	40.18	5.21	45.39	54.00	-8.61	AVG
3	4634.200	52.61	5.39	58.00	74.00	-16.00	peak
4	4634.200	40.68	5.39	46.07	54.00	-7.93	AVG
5	4832.200	51.83	5.99	57.82	74.00	-16.18	peak
6	4832.200	40.11	5.99	46.10	54.00	-7.90	AVG
7	4934.500	51.44	6.31	57.75	74.00	-16.25	peak
8	4934.500	39.46	6.31	45.77	54.00	-8.23	AVG
9	5052.200	50.32	6.65	56.97	74.00	-17.03	peak
10	5052.200	39.30	6.65	45.95	54.00	-8.05	AVG
11	5121.500	50.86	6.85	57.71	74.00	-16.29	peak
12	5121.500	40.09	6.85	46.94	54.00	-7.06	AVG
13	5150.000	50.76	6.94	57.70	74.00	-16.30	peak
14	5150.000	41.48	6.94	48.42	54.00	-5.58	AVG
15	5227.100	87.97	7.16	95.13	--	--	peak
16	5350.000	47.70	7.50	55.20	74.00	-18.80	peak
17	5350.000	38.24	7.50	45.74	54.00	-8.26	AVG
18	5396.500	50.51	7.64	58.15	74.00	-15.85	peak
19	5396.500	39.16	7.64	46.80	54.00	-7.20	AVG
20	5437.200	50.71	7.76	58.47	74.00	-15.53	peak
21	5437.200	39.97	7.76	47.73	54.00	-6.27	AVG
22	5455.900	49.88	7.81	57.69	74.00	-16.31	peak
23	5455.900	39.94	7.81	47.75	54.00	-6.25	AVG
24	5507.600	51.29	7.95	59.24	68.20	-8.96	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 11		
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 11		
Ant.Polar.:	Horizontal		

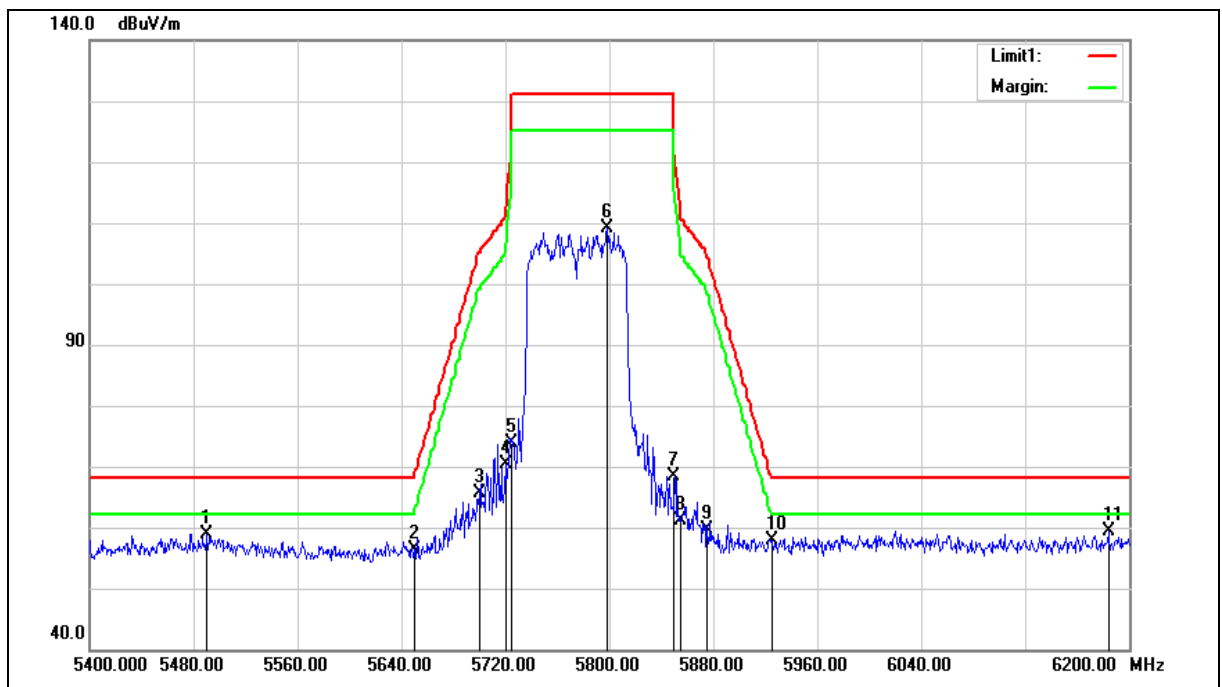
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5493.600	50.61	7.91	58.52	68.20	-9.68	peak
2	5650.000	47.70	8.24	55.94	68.20	-12.26	peak
3	5700.000	46.55	8.34	54.89	105.20	-50.31	peak
4	5720.000	49.13	8.38	57.51	110.80	-53.29	peak
5	5725.000	54.03	8.39	62.42	122.20	-59.78	peak
6	5769.600	89.91	8.47	98.38	--	--	peak
7	5850.000	48.77	8.63	57.40	122.20	-64.80	peak
8	5855.000	48.20	8.64	56.84	110.80	-53.96	peak
9	5875.000	48.49	8.69	57.18	105.20	-48.02	peak
10	5925.000	48.88	8.79	57.67	68.20	-10.53	peak
11	6176.000	50.46	9.46	59.92	68.20	-8.28	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:	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 11		
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 11		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5490.400	51.09	7.90	58.99	68.20	-9.21	peak
2	5650.000	48.14	8.24	56.38	68.20	-11.82	peak
3	5700.000	57.32	8.34	65.66	105.20	-39.54	peak
4	5720.000	62.09	8.38	70.47	110.80	-40.33	peak
5	5725.000	65.53	8.39	73.92	122.20	-48.28	peak
6	5798.400	100.48	8.53	109.01	--	--	peak
7	5850.000	59.72	8.63	68.35	122.20	-53.85	peak
8	5855.000	52.52	8.64	61.16	110.80	-49.64	peak
9	5875.000	50.99	8.69	59.68	105.20	-45.52	peak
10	5925.000	49.14	8.79	57.93	68.20	-10.27	peak
11	6184.000	50.00	9.49	59.49	68.20	-8.71	peak

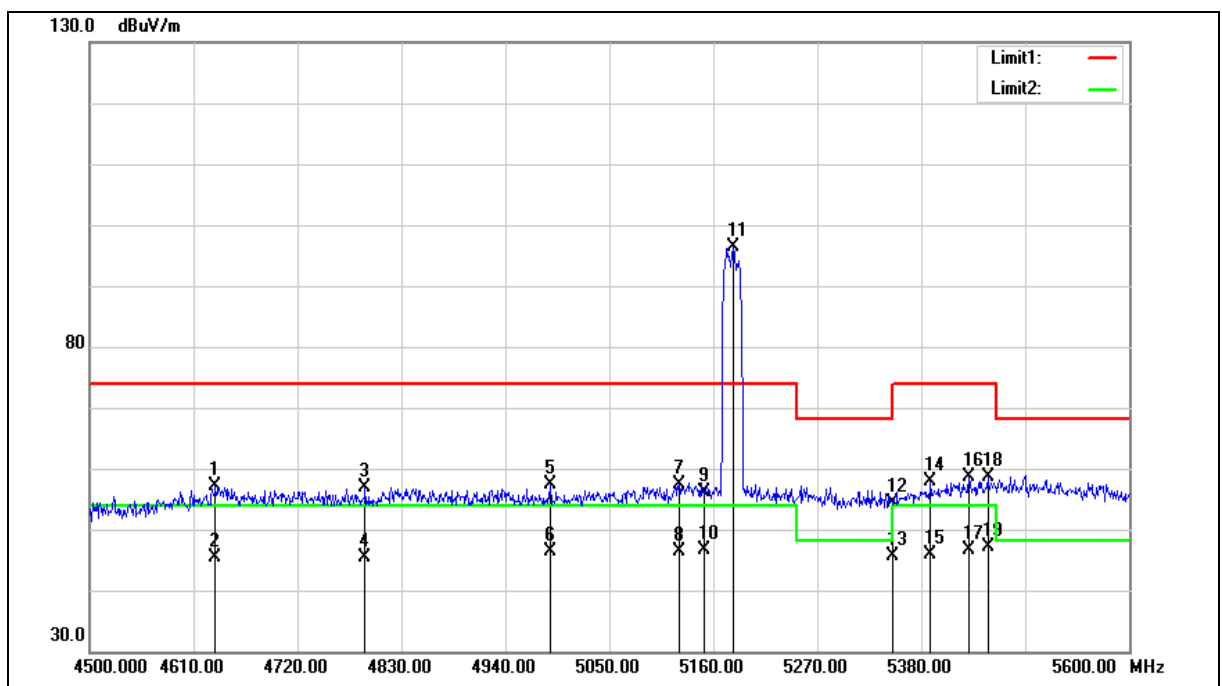
Note: 1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).

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.

Beamforming on

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 9		
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 9		
Ant.Polar.:	Horizontal		

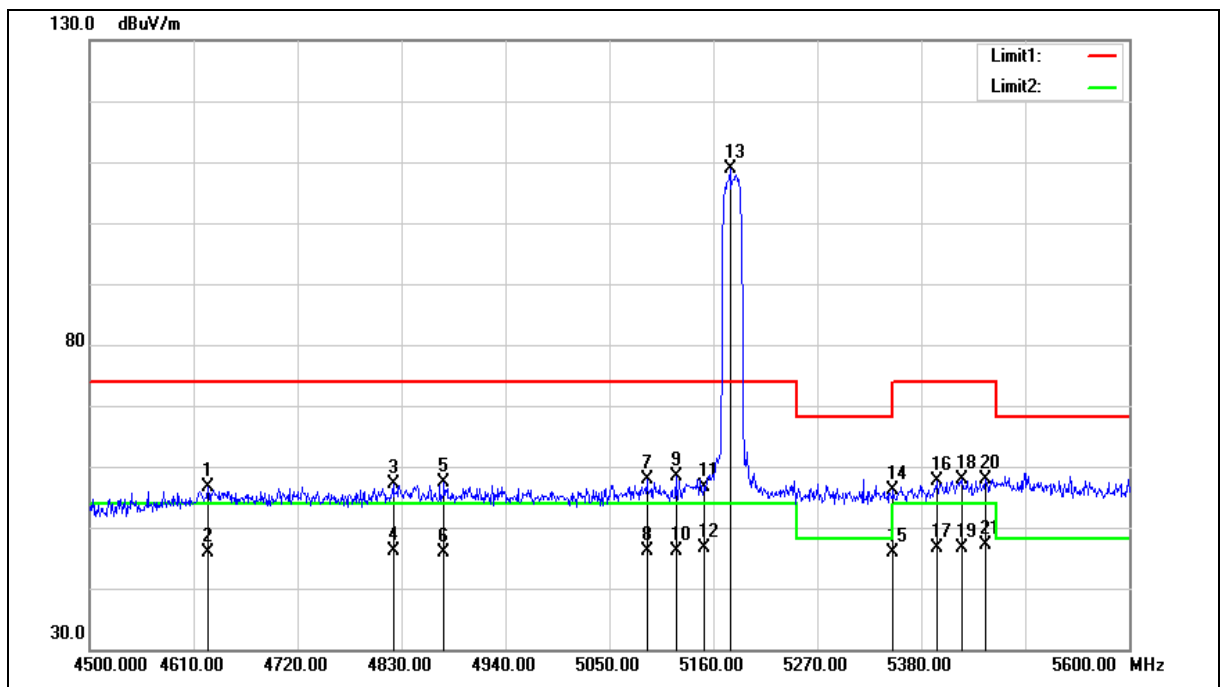
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4633.100	51.63	5.38	57.01	74.00	-16.99	peak
2	4633.100	40.06	5.38	45.44	54.00	-8.56	AVG
3	4791.500	51.01	5.87	56.88	74.00	-17.12	peak
4	4791.500	39.49	5.87	45.36	54.00	-8.64	AVG
5	4987.300	50.91	6.47	57.38	74.00	-16.62	peak
6	4987.300	40.03	6.47	46.50	54.00	-7.50	AVG
7	5123.700	50.65	6.85	57.50	74.00	-16.50	peak
8	5123.700	39.59	6.85	46.44	54.00	-7.56	AVG
9	5150.000	49.11	6.94	56.05	74.00	-17.95	peak
10	5150.000	39.77	6.94	46.71	54.00	-7.29	AVG
11	5180.900	89.27	7.03	96.30	--	--	peak
12	5350.000	46.91	7.50	54.41	74.00	-19.59	peak
13	5350.000	38.16	7.50	45.66	54.00	-8.34	AVG
14	5389.900	50.38	7.62	58.00	74.00	-16.00	peak
15	5389.900	38.30	7.62	45.92	54.00	-8.08	AVG
16	5430.600	50.82	7.74	58.56	74.00	-15.44	peak
17	5430.600	38.84	7.74	46.58	54.00	-7.42	AVG
18	5450.400	50.88	7.79	58.67	74.00	-15.33	peak
19	5450.400	39.37	7.79	47.16	54.00	-6.84	AVG

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

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

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

Standard:	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 9		
Ant.Polar.:	Vertical		



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 9		
Ant.Polar.:	Vertical		

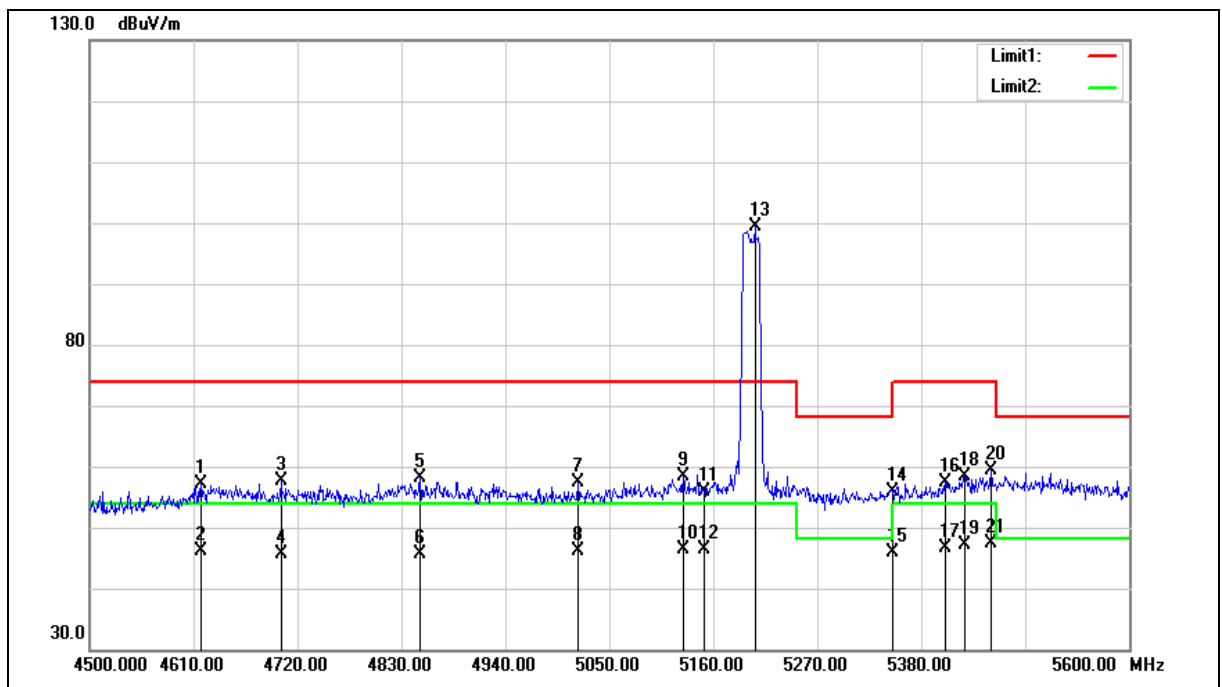
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4625.400	51.29	5.37	56.66	74.00	-17.34	peak
2	4625.400	40.53	5.37	45.90	54.00	-8.10	AVG
3	4821.200	51.13	5.96	57.09	74.00	-16.91	peak
4	4821.200	40.06	5.96	46.02	54.00	-7.98	AVG
5	4875.100	51.34	6.13	57.47	74.00	-16.53	peak
6	4875.100	39.74	6.13	45.87	54.00	-8.13	AVG
7	5089.600	51.24	6.76	58.00	74.00	-16.00	peak
8	5089.600	39.36	6.76	46.12	54.00	-7.88	AVG
9	5120.400	51.56	6.85	58.41	74.00	-15.59	peak
10	5120.400	39.36	6.85	46.21	54.00	-7.79	AVG
11	5150.000	49.61	6.94	56.55	74.00	-17.45	peak
12	5150.000	39.76	6.94	46.70	54.00	-7.30	AVG
13	5177.600	101.75	7.02	108.77	--	--	peak
14	5350.000	48.56	7.50	56.06	74.00	-17.94	peak
15	5350.000	38.44	7.50	45.94	54.00	-8.06	AVG
16	5396.500	49.96	7.64	57.60	74.00	-16.40	peak
17	5396.500	38.91	7.64	46.55	54.00	-7.45	AVG
18	5422.900	50.22	7.71	57.93	74.00	-16.07	peak
19	5422.900	38.88	7.71	46.59	54.00	-7.41	AVG
20	5448.200	50.02	7.79	57.81	74.00	-16.19	peak
21	5448.200	39.22	7.79	47.01	54.00	-6.99	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:	5200 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5200 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

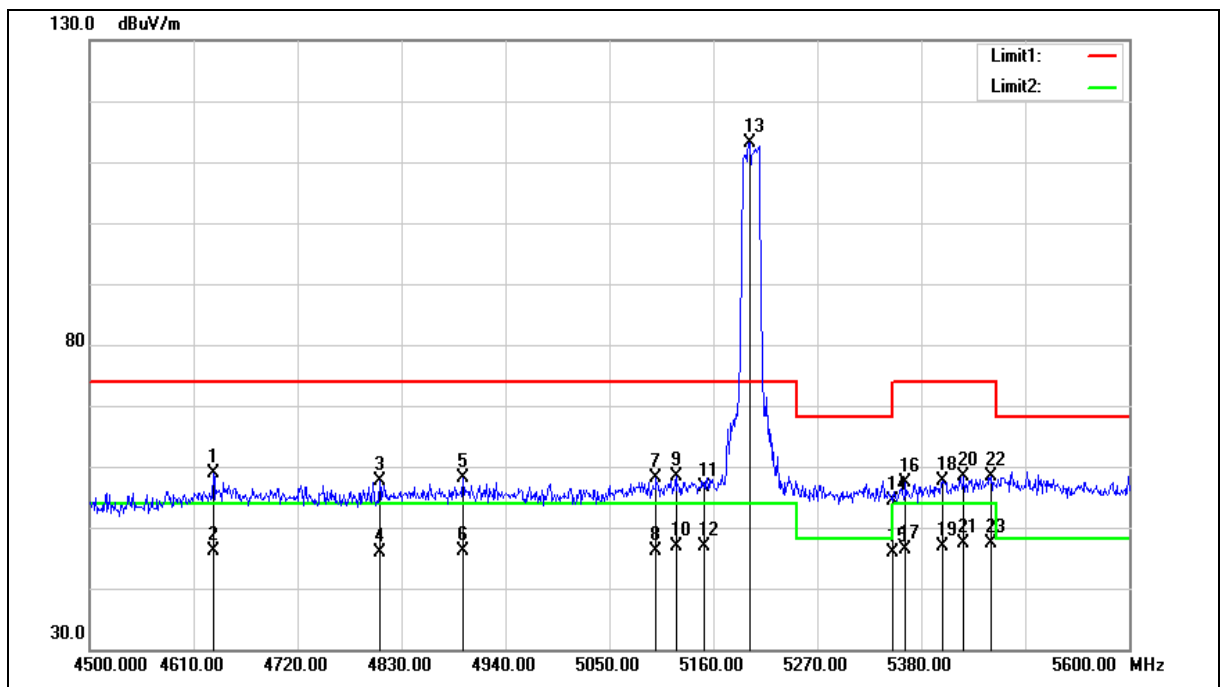
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4617.700	51.91	5.34	57.25	74.00	-16.75	peak
2	4617.700	40.67	5.34	46.01	54.00	-7.99	AVG
3	4702.400	52.07	5.60	57.67	74.00	-16.33	peak
4	4702.400	40.02	5.60	45.62	54.00	-8.38	AVG
5	4849.800	52.09	6.05	58.14	74.00	-15.86	peak
6	4849.800	39.69	6.05	45.74	54.00	-8.26	AVG
7	5017.000	50.83	6.56	57.39	74.00	-16.61	peak
8	5017.000	39.47	6.56	46.03	54.00	-7.97	AVG
9	5128.100	51.53	6.88	58.41	74.00	-15.59	peak
10	5128.100	39.38	6.88	46.26	54.00	-7.74	AVG
11	5150.000	49.03	6.94	55.97	74.00	-18.03	peak
12	5150.000	39.45	6.94	46.39	54.00	-7.61	AVG
13	5204.000	92.26	7.09	99.35	--	--	peak
14	5350.000	48.42	7.50	55.92	74.00	-18.08	peak
15	5350.000	38.41	7.50	45.91	54.00	-8.09	AVG
16	5405.300	49.71	7.67	57.38	74.00	-16.62	peak
17	5405.300	38.95	7.67	46.62	54.00	-7.38	AVG
18	5426.200	50.71	7.73	58.44	74.00	-15.56	peak
19	5426.200	39.36	7.73	47.09	54.00	-6.91	AVG
20	5453.700	51.47	7.80	59.27	74.00	-14.73	peak
21	5453.700	39.64	7.80	47.44	54.00	-6.56	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:	5200 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5200 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Vertical		

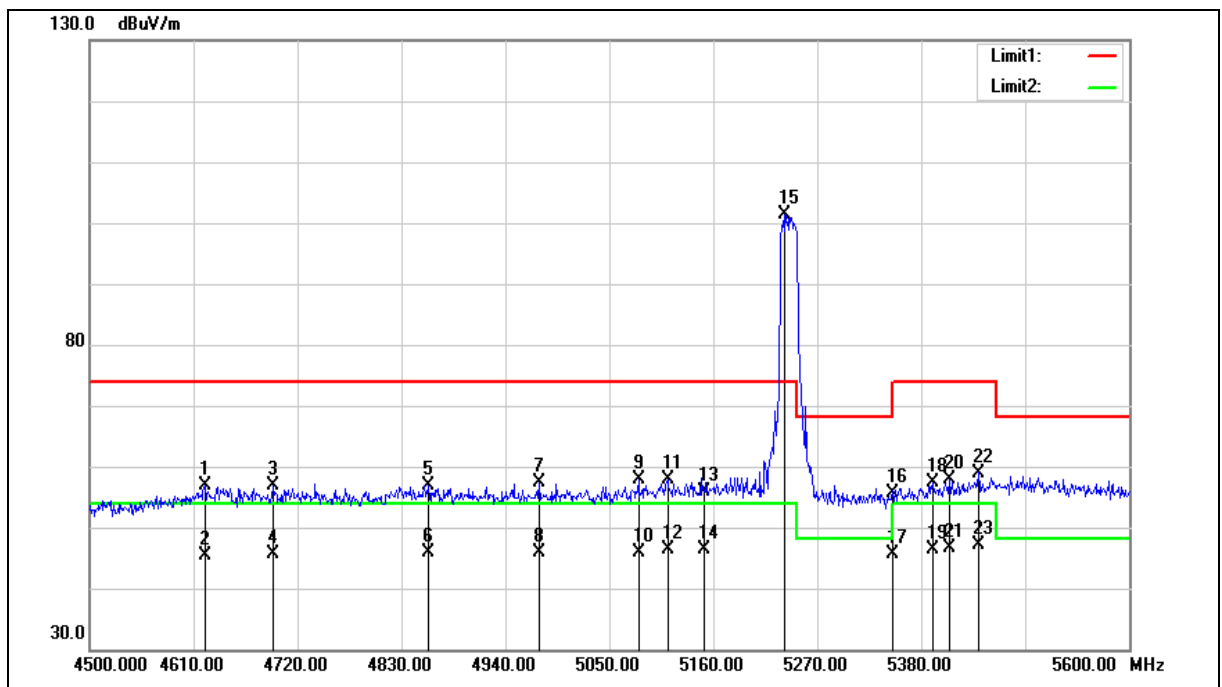
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4630.900	53.52	5.38	58.90	74.00	-15.10	peak
2	4630.900	40.87	5.38	46.25	54.00	-7.75	AVG
3	4806.900	51.76	5.92	57.68	74.00	-16.32	peak
4	4806.900	40.02	5.92	45.94	54.00	-8.06	AVG
5	4894.900	52.04	6.19	58.23	74.00	-15.77	peak
6	4894.900	39.84	6.19	46.03	54.00	-7.97	AVG
7	5099.500	51.30	6.79	58.09	74.00	-15.91	peak
8	5099.500	39.39	6.79	46.18	54.00	-7.82	AVG
9	5120.400	51.45	6.85	58.30	74.00	-15.70	peak
10	5120.400	40.00	6.85	46.85	54.00	-7.15	AVG
11	5150.000	49.57	6.94	56.51	74.00	-17.49	peak
12	5150.000	39.99	6.94	46.93	54.00	-7.07	AVG
13	5198.500	106.01	7.08	113.09	--	--	peak
14	5350.000	46.86	7.50	54.36	74.00	-19.64	peak
15	5350.000	38.27	7.50	45.77	54.00	-8.23	AVG
16	5363.500	49.76	7.53	57.29	74.00	-16.71	peak
17	5363.500	38.97	7.53	46.50	54.00	-7.50	AVG
18	5403.100	49.85	7.66	57.51	74.00	-16.49	peak
19	5403.100	39.20	7.66	46.86	54.00	-7.14	AVG
20	5425.100	50.55	7.73	58.28	74.00	-15.72	peak
21	5425.100	39.55	7.73	47.28	54.00	-6.72	AVG
22	5453.700	50.46	7.80	58.26	74.00	-15.74	peak
23	5453.700	39.53	7.80	47.33	54.00	-6.67	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:	5240 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5240 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

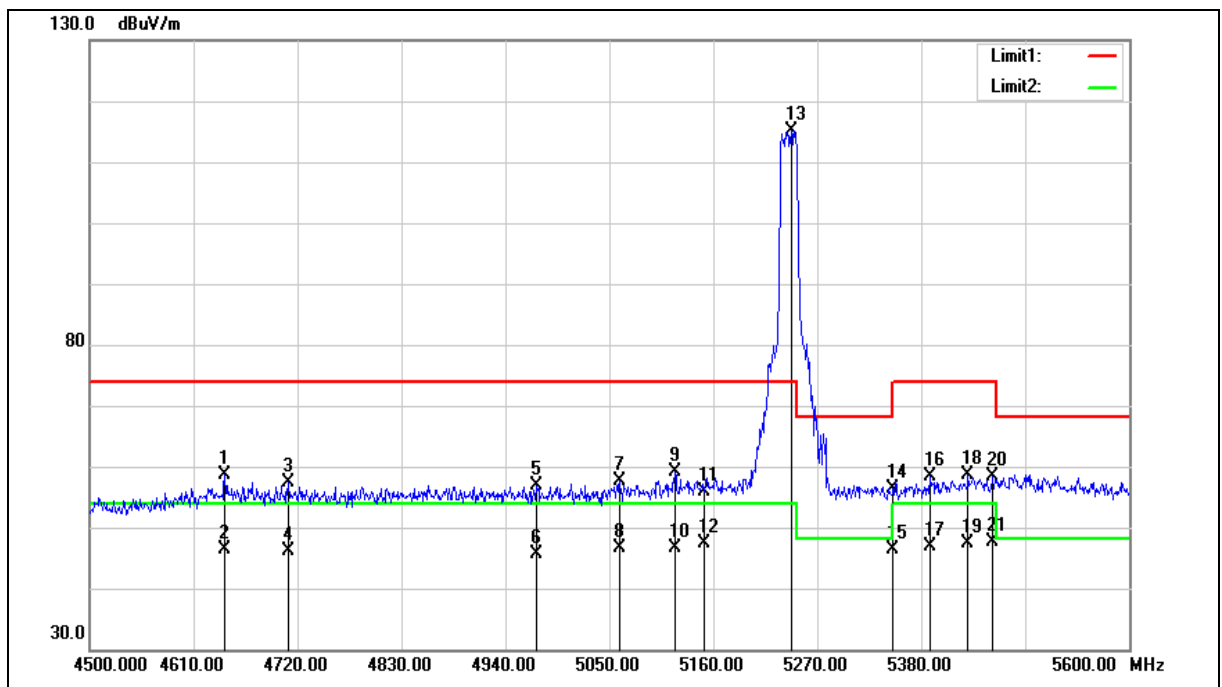
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4622.100	51.44	5.36	56.80	74.00	-17.20	peak
2	4622.100	40.01	5.36	45.37	54.00	-8.63	AVG
3	4694.700	51.28	5.58	56.86	74.00	-17.14	peak
4	4694.700	39.96	5.58	45.54	54.00	-8.46	AVG
5	4858.600	50.74	6.08	56.82	74.00	-17.18	peak
6	4858.600	39.83	6.08	45.91	54.00	-8.09	AVG
7	4975.200	50.93	6.44	57.37	74.00	-16.63	peak
8	4975.200	39.42	6.44	45.86	54.00	-8.14	AVG
9	5080.800	51.17	6.74	57.91	74.00	-16.09	peak
10	5080.800	39.03	6.74	45.77	54.00	-8.23	AVG
11	5111.600	51.00	6.82	57.82	74.00	-16.18	peak
12	5111.600	39.50	6.82	46.32	54.00	-7.68	AVG
13	5150.000	48.94	6.94	55.88	74.00	-18.12	peak
14	5150.000	39.45	6.94	46.39	54.00	-7.61	AVG
15	5234.800	94.12	7.17	101.29	--	--	peak
16	5350.000	48.18	7.50	55.68	74.00	-18.32	peak
17	5350.000	38.21	7.50	45.71	54.00	-8.29	AVG
18	5392.100	49.68	7.63	57.31	74.00	-16.69	peak
19	5392.100	38.85	7.63	46.48	54.00	-7.52	AVG
20	5409.700	50.10	7.68	57.78	74.00	-16.22	peak
21	5409.700	39.01	7.68	46.69	54.00	-7.31	AVG
22	5440.500	51.24	7.76	59.00	74.00	-15.00	peak
23	5440.500	39.30	7.76	47.06	54.00	-6.94	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:	5240 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5240 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Vertical		

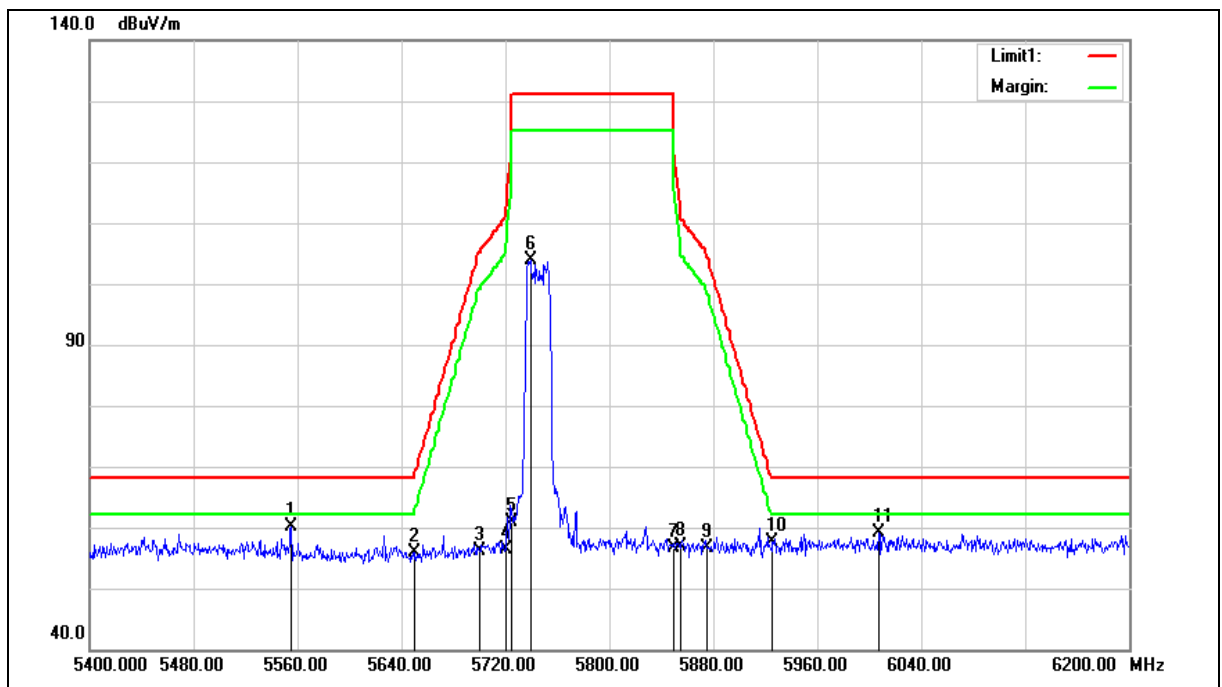
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4643.000	53.34	5.41	58.75	74.00	-15.25	peak
2	4643.000	41.09	5.41	46.50	54.00	-7.50	AVG
3	4710.100	51.64	5.62	57.26	74.00	-16.74	peak
4	4710.100	40.49	5.62	46.11	54.00	-7.89	AVG
5	4973.000	50.41	6.43	56.84	74.00	-17.16	peak
6	4973.000	39.11	6.43	45.54	54.00	-8.46	AVG
7	5061.000	50.99	6.68	57.67	74.00	-16.33	peak
8	5061.000	39.94	6.68	46.62	54.00	-7.38	AVG
9	5119.300	52.18	6.84	59.02	74.00	-14.98	peak
10	5119.300	39.88	6.84	46.72	54.00	-7.28	AVG
11	5150.000	49.04	6.94	55.98	74.00	-18.02	peak
12	5150.000	40.34	6.94	47.28	54.00	-6.72	AVG
13	5242.500	107.91	7.20	115.11	--	--	peak
14	5350.000	48.95	7.50	56.45	74.00	-17.55	peak
15	5350.000	38.99	7.50	46.49	54.00	-7.51	AVG
16	5388.800	50.73	7.62	58.35	74.00	-15.65	peak
17	5388.800	39.19	7.62	46.81	54.00	-7.19	AVG
18	5429.500	50.87	7.73	58.60	74.00	-15.40	peak
19	5429.500	39.75	7.73	47.48	54.00	-6.52	AVG
20	5455.900	50.46	7.81	58.27	74.00	-15.73	peak
21	5455.900	39.71	7.81	47.52	54.00	-6.48	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:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5745 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

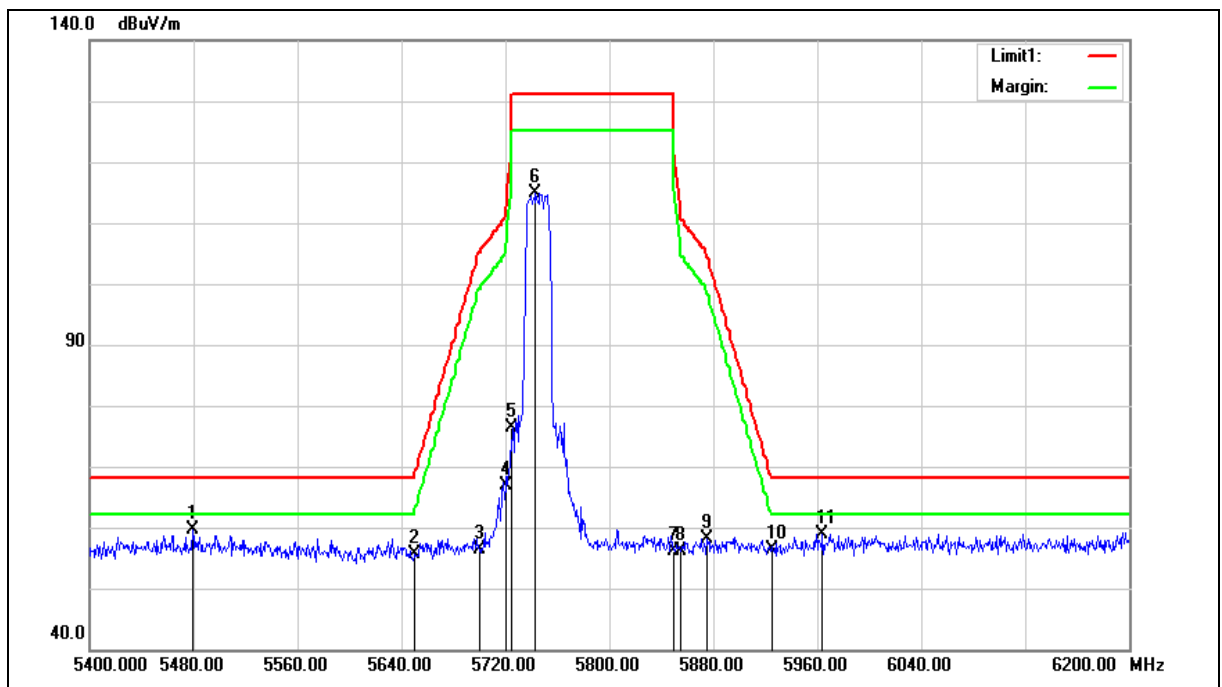
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5555.200	52.16	8.04	60.20	68.20	-8.00	peak
2	5650.000	47.64	8.24	55.88	68.20	-12.32	peak
3	5700.000	47.72	8.34	56.06	105.20	-49.14	peak
4	5720.000	48.00	8.38	56.38	110.80	-54.42	peak
5	5725.000	52.38	8.39	60.77	122.20	-61.43	peak
6	5739.200	95.46	8.41	103.87	--	--	peak
7	5850.000	47.95	8.63	56.58	122.20	-65.62	peak
8	5855.000	48.30	8.64	56.94	110.80	-53.86	peak
9	5875.000	47.83	8.69	56.52	105.20	-48.68	peak
10	5925.000	48.84	8.79	57.63	68.20	-10.57	peak
11	6007.200	50.25	8.96	59.21	68.20	-8.99	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 9		
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 9		
Ant.Polar.:	Vertical		

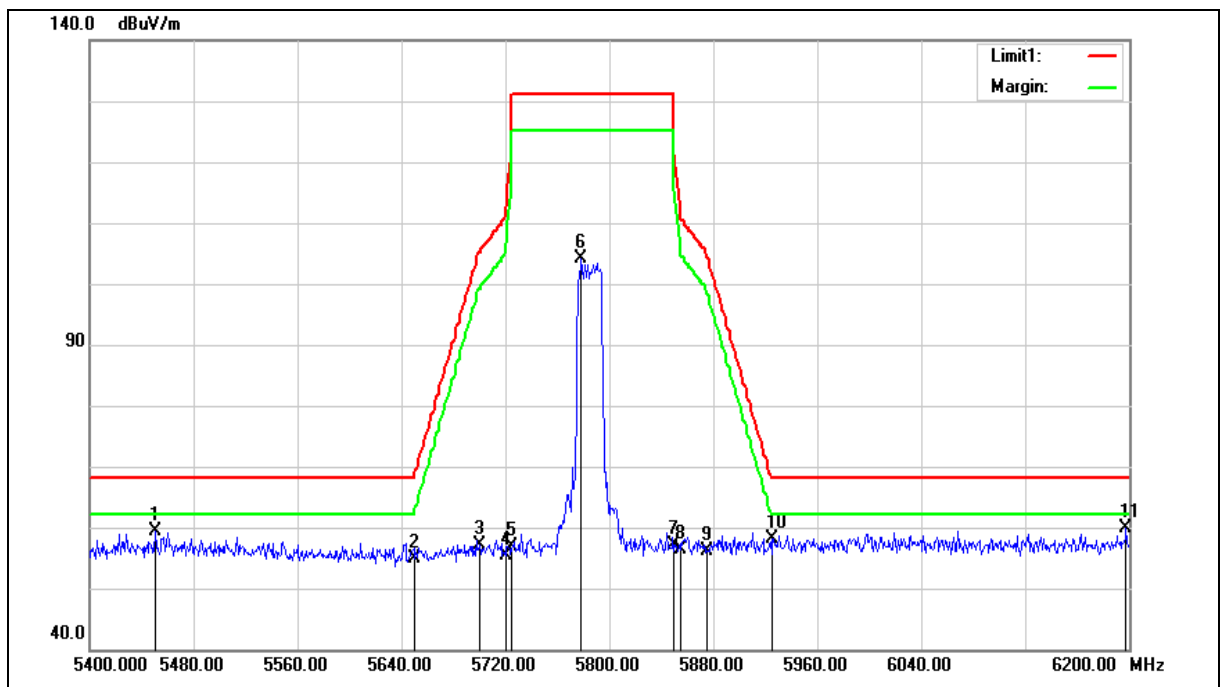
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5479.200	51.69	7.87	59.56	68.20	-8.64	peak
2	5650.000	47.42	8.24	55.66	68.20	-12.54	peak
3	5700.000	48.06	8.34	56.40	105.20	-48.80	peak
4	5720.000	58.61	8.38	66.99	110.80	-43.81	peak
5	5725.000	67.96	8.39	76.35	122.20	-45.85	peak
6	5743.200	106.36	8.42	114.78	--	--	peak
7	5850.000	47.39	8.63	56.02	122.20	-66.18	peak
8	5855.000	47.45	8.64	56.09	110.80	-54.71	peak
9	5875.000	49.34	8.69	58.03	105.20	-47.17	peak
10	5925.000	47.59	8.79	56.38	68.20	-11.82	peak
11	5964.000	50.03	8.86	58.89	68.20	-9.31	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Horizontal		

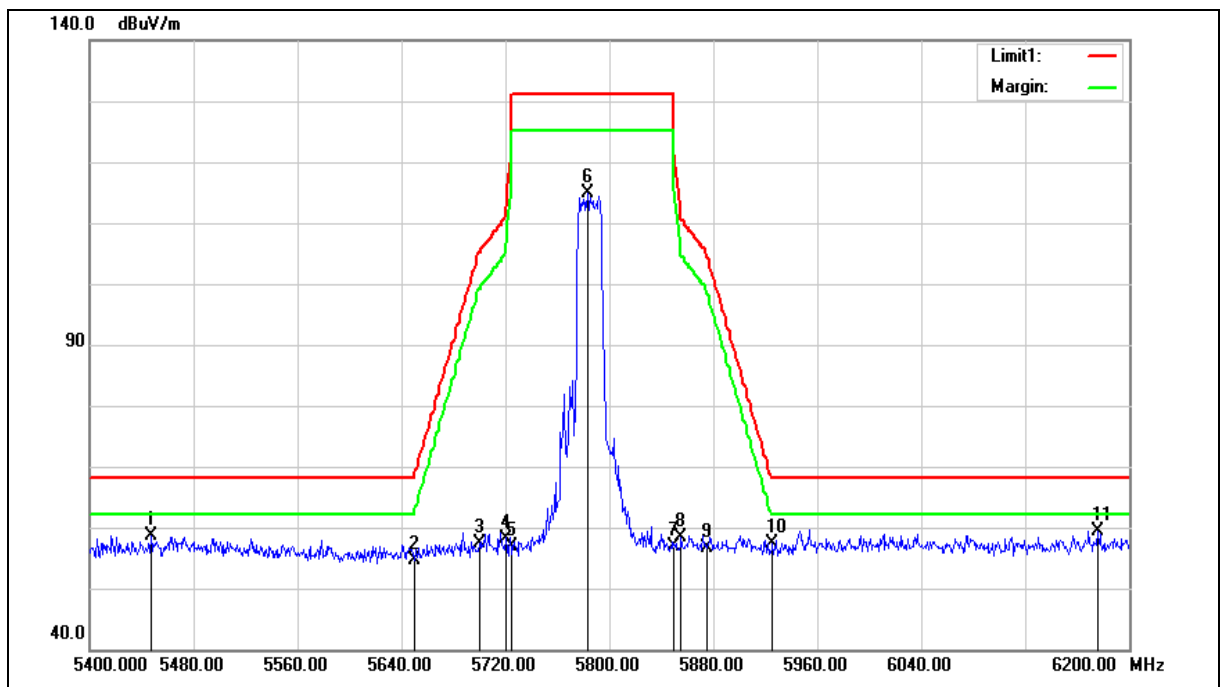
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5450.400	51.70	7.79	59.49	68.20	-8.71	peak
2	5650.000	46.74	8.24	54.98	68.20	-13.22	peak
3	5700.000	48.77	8.34	57.11	105.20	-48.09	peak
4	5720.000	47.10	8.38	55.48	110.80	-55.32	peak
5	5725.000	48.50	8.39	56.89	122.20	-65.31	peak
6	5778.400	95.61	8.49	104.10	--	--	peak
7	5850.000	48.56	8.63	57.19	122.20	-65.01	peak
8	5855.000	47.77	8.64	56.41	110.80	-54.39	peak
9	5875.000	47.34	8.69	56.03	105.20	-49.17	peak
10	5925.000	49.44	8.79	58.23	68.20	-9.97	peak
11	6197.600	50.26	9.52	59.78	68.20	-8.42	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:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5785 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5785 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Vertical		

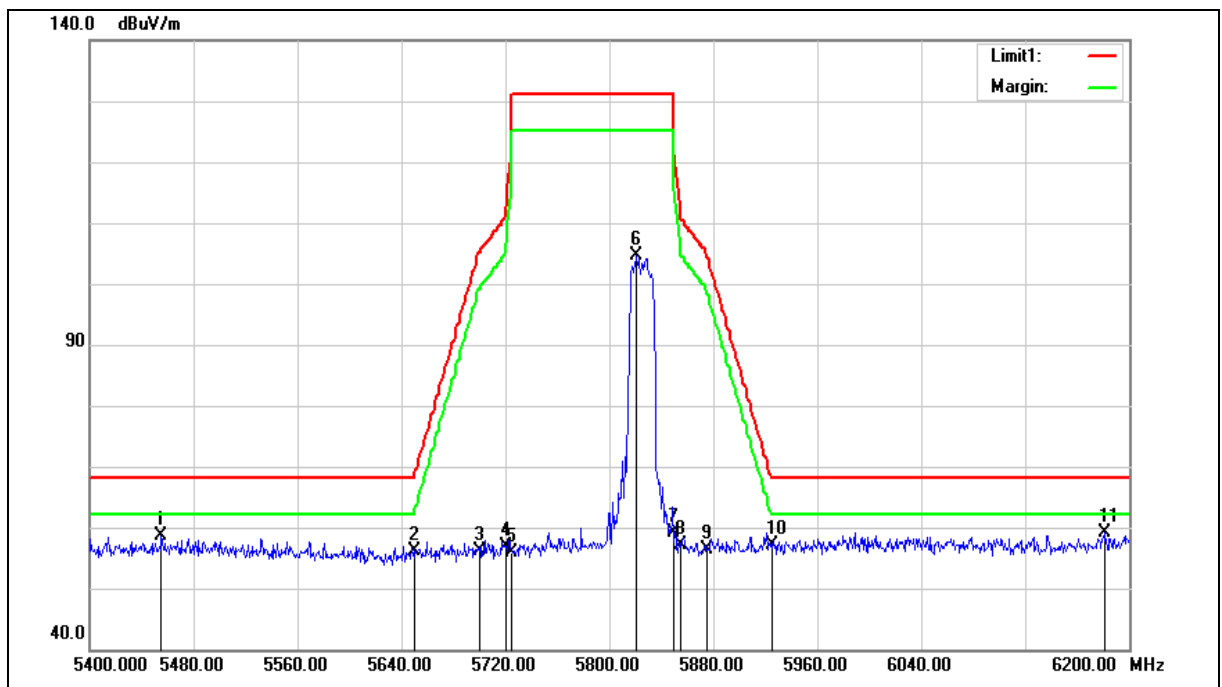
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5447.200	50.96	7.78	58.74	68.20	-9.46	peak
2	5650.000	46.36	8.24	54.60	68.20	-13.60	peak
3	5700.000	49.02	8.34	57.36	105.20	-47.84	peak
4	5720.000	49.83	8.38	58.21	110.80	-52.59	peak
5	5725.000	48.40	8.39	56.79	122.20	-65.41	peak
6	5783.200	106.29	8.50	114.79	--	--	peak
7	5850.000	48.13	8.63	56.76	122.20	-65.44	peak
8	5855.000	49.84	8.64	58.48	110.80	-52.32	peak
9	5875.000	48.05	8.69	56.74	105.20	-48.46	peak
10	5925.000	48.49	8.79	57.28	68.20	-10.92	peak
11	6176.000	50.03	9.46	59.49	68.20	-8.71	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:	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 9		
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 9		
Ant.Polar.:	Horizontal		

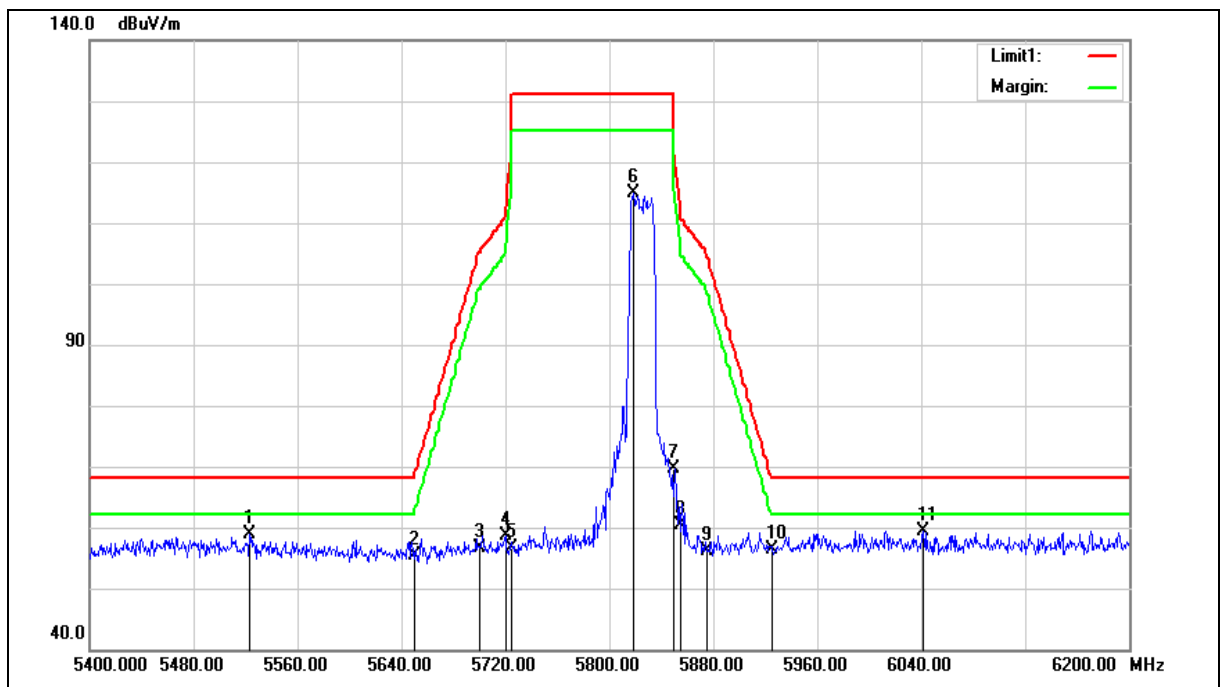
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.200	50.85	7.81	58.66	68.20	-9.54	peak
2	5650.000	47.79	8.24	56.03	68.20	-12.17	peak
3	5700.000	47.83	8.34	56.17	105.20	-49.03	peak
4	5720.000	48.43	8.38	56.81	110.80	-53.99	peak
5	5725.000	47.54	8.39	55.93	122.20	-66.27	peak
6	5820.800	96.11	8.57	104.68	--	--	peak
7	5850.000	50.46	8.63	59.09	122.20	-63.11	peak
8	5855.000	48.44	8.64	57.08	110.80	-53.72	peak
9	5875.000	47.78	8.69	56.47	105.20	-48.73	peak
10	5925.000	48.34	8.79	57.13	68.20	-11.07	peak
11	6180.800	49.56	9.48	59.04	68.20	-9.16	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5825 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 9		
Ant.Polar.:	Vertical		

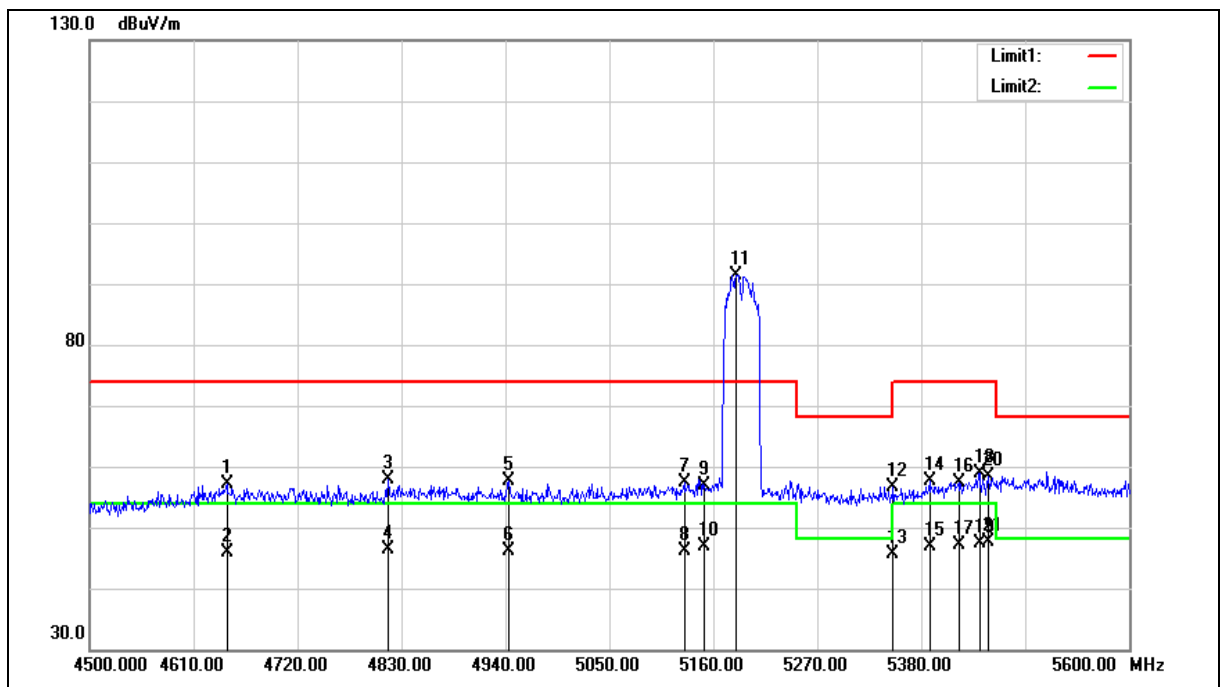
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5523.200	50.94	7.97	58.91	68.20	-9.29	peak
2	5650.000	47.21	8.24	55.45	68.20	-12.75	peak
3	5700.000	48.34	8.34	56.68	105.20	-48.52	peak
4	5720.000	50.23	8.38	58.61	110.80	-52.19	peak
5	5725.000	48.25	8.39	56.64	122.20	-65.56	peak
6	5818.400	106.20	8.57	114.77	--	--	peak
7	5850.000	61.01	8.63	69.64	122.20	-52.56	peak
8	5855.000	51.85	8.64	60.49	110.80	-50.31	peak
9	5875.000	47.53	8.69	56.22	105.20	-48.98	peak
10	5925.000	47.65	8.79	56.44	68.20	-11.76	peak
11	6041.600	50.37	9.06	59.43	68.20	-8.77	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5190 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:	5190 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

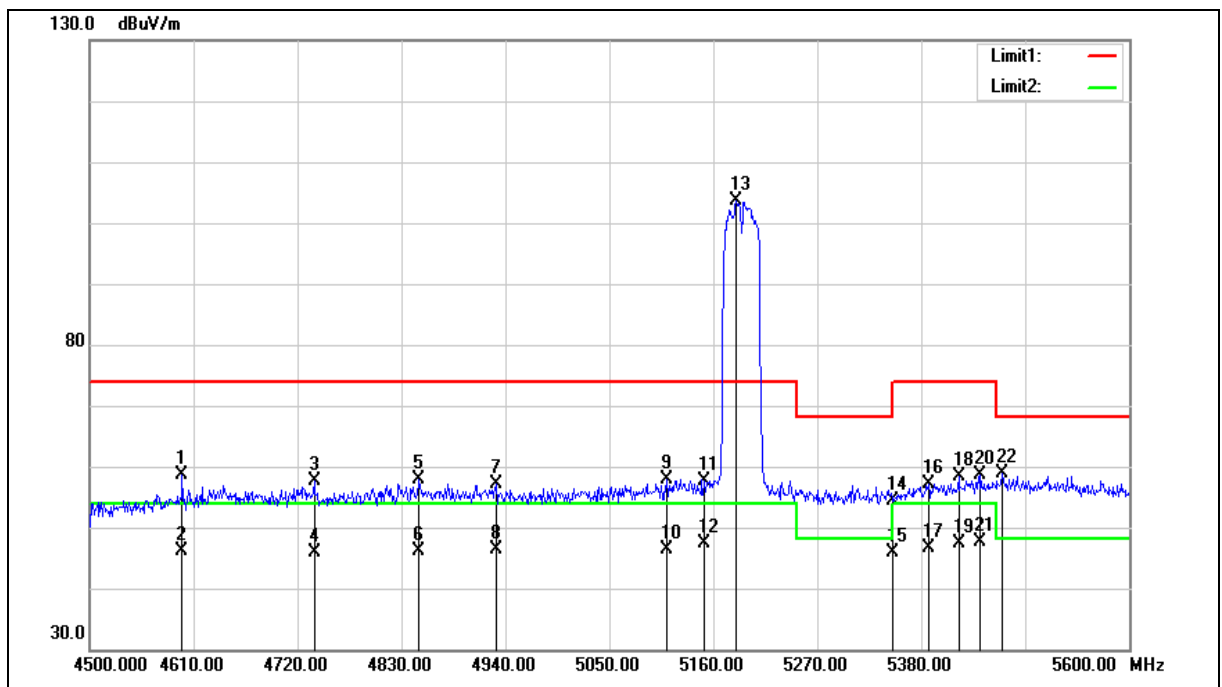
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4645.200	51.74	5.42	57.16	74.00	-16.84	peak
2	4645.200	40.41	5.42	45.83	54.00	-8.17	AVG
3	4815.700	51.92	5.94	57.86	74.00	-16.14	peak
4	4815.700	40.36	5.94	46.30	54.00	-7.70	AVG
5	4943.300	51.23	6.34	57.57	74.00	-16.43	peak
6	4943.300	39.85	6.34	46.19	54.00	-7.81	AVG
7	5129.200	50.54	6.88	57.42	74.00	-16.58	peak
8	5129.200	39.17	6.88	46.05	54.00	-7.95	AVG
9	5150.000	49.91	6.94	56.85	74.00	-17.15	peak
10	5150.000	39.93	6.94	46.87	54.00	-7.13	AVG
11	5184.200	84.42	7.03	91.45	--	--	peak
12	5350.000	49.05	7.50	56.55	74.00	-17.45	peak
13	5350.000	38.20	7.50	45.70	54.00	-8.30	AVG
14	5388.800	50.03	7.62	57.65	74.00	-16.35	peak
15	5388.800	39.20	7.62	46.82	54.00	-7.18	AVG
16	5419.600	49.75	7.71	57.46	74.00	-16.54	peak
17	5419.600	39.44	7.71	47.15	54.00	-6.85	AVG
18	5441.600	51.14	7.76	58.90	74.00	-15.10	peak
19	5441.600	39.70	7.76	47.46	54.00	-6.54	AVG
20	5451.500	50.68	7.79	58.47	74.00	-15.53	peak
21	5451.500	39.72	7.79	47.51	54.00	-6.49	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 10		
Ant.Polar.:	Vertical		



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 10		
Ant.Polar.:	Vertical		

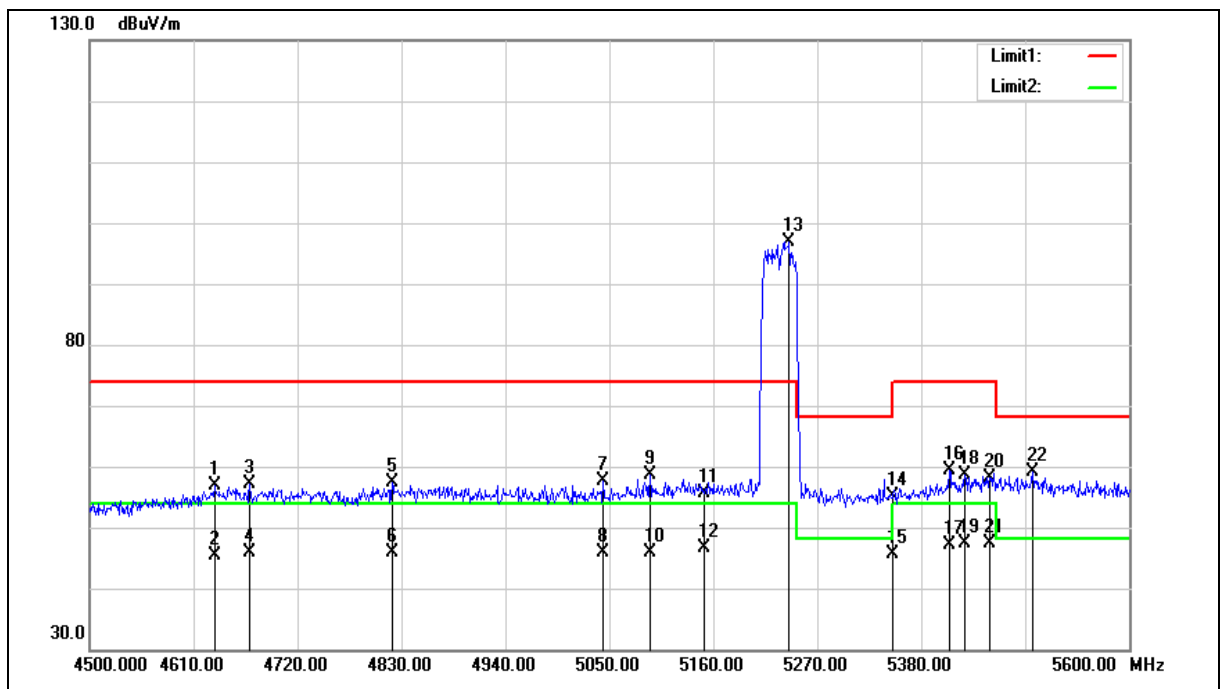
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4597.900	53.38	5.29	58.67	74.00	-15.33	peak
2	4597.900	40.94	5.29	46.23	54.00	-7.77	AVG
3	4737.600	51.81	5.71	57.52	74.00	-16.48	peak
4	4737.600	40.14	5.71	45.85	54.00	-8.15	AVG
5	4848.700	51.85	6.05	57.90	74.00	-16.10	peak
6	4848.700	40.05	6.05	46.10	54.00	-7.90	AVG
7	4930.100	50.74	6.30	57.04	74.00	-16.96	peak
8	4930.100	40.04	6.30	46.34	54.00	-7.66	AVG
9	5110.500	51.16	6.82	57.98	74.00	-16.02	peak
10	5110.500	39.47	6.82	46.29	54.00	-7.71	AVG
11	5150.000	50.63	6.94	57.57	74.00	-16.43	peak
12	5150.000	40.54	6.94	47.48	54.00	-6.52	AVG
13	5184.200	96.56	7.03	103.59	--	--	peak
14	5350.000	46.79	7.50	54.29	74.00	-19.71	peak
15	5350.000	38.44	7.50	45.94	54.00	-8.06	AVG
16	5387.700	49.50	7.62	57.12	74.00	-16.88	peak
17	5387.700	39.13	7.62	46.75	54.00	-7.25	AVG
18	5419.600	50.62	7.71	58.33	74.00	-15.67	peak
19	5419.600	39.61	7.71	47.32	54.00	-6.68	AVG
20	5442.700	50.84	7.77	58.61	74.00	-15.39	peak
21	5442.700	39.79	7.77	47.56	54.00	-6.44	AVG
22	5465.800	51.04	7.84	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	Power:	AC 110 V/60 Hz
Frequency:	5230 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:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Horizontal		

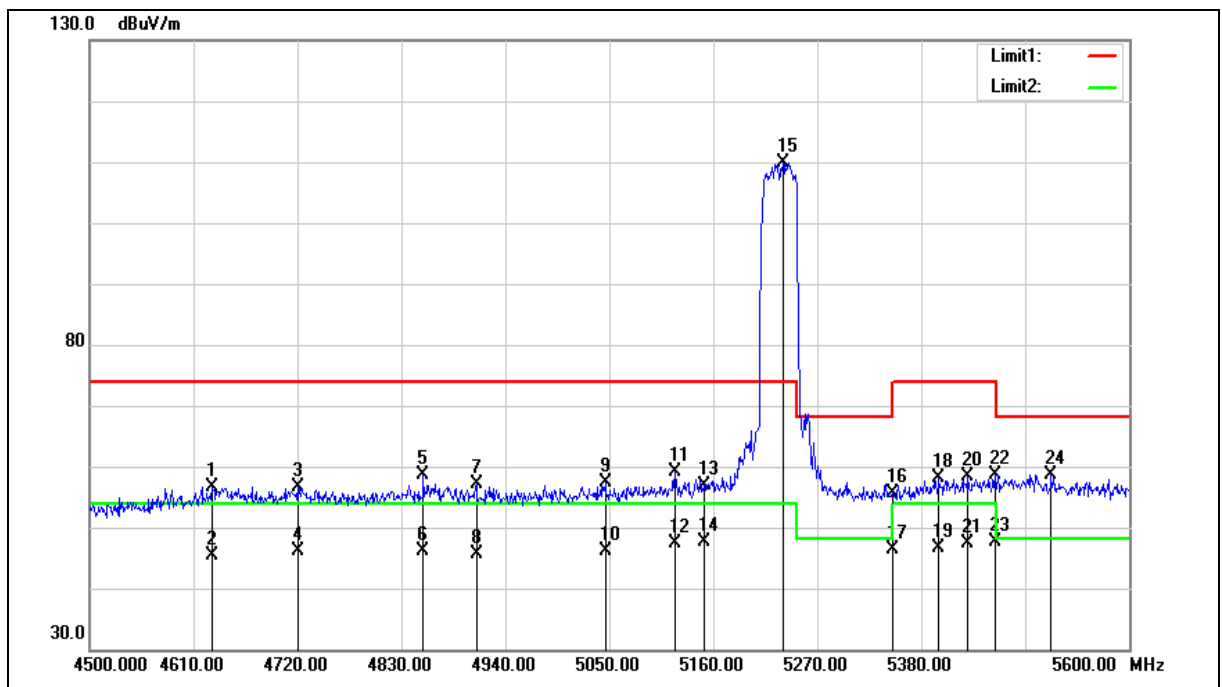
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4632.000	51.38	5.38	56.76	74.00	-17.24	peak
2	4632.000	39.95	5.38	45.33	54.00	-8.67	AVG
3	4669.400	51.62	5.50	57.12	74.00	-16.88	peak
4	4669.400	40.26	5.50	45.76	54.00	-8.24	AVG
5	4820.100	51.31	5.95	57.26	74.00	-16.74	peak
6	4820.100	39.96	5.95	45.91	54.00	-8.09	AVG
7	5043.400	50.92	6.63	57.55	74.00	-16.45	peak
8	5043.400	39.21	6.63	45.84	54.00	-8.16	AVG
9	5092.900	51.84	6.77	58.61	74.00	-15.39	peak
10	5092.900	39.01	6.77	45.78	54.00	-8.22	AVG
11	5150.000	48.75	6.94	55.69	74.00	-18.31	peak
12	5150.000	39.65	6.94	46.59	54.00	-7.41	AVG
13	5240.300	89.69	7.19	96.88	--	--	peak
14	5350.000	47.51	7.50	55.01	74.00	-18.99	peak
15	5350.000	38.01	7.50	45.51	54.00	-8.49	AVG
16	5409.700	51.61	7.68	59.29	74.00	-14.71	peak
17	5409.700	39.50	7.68	47.18	54.00	-6.82	AVG
18	5426.200	50.87	7.73	58.60	74.00	-15.40	peak
19	5426.200	39.57	7.73	47.30	54.00	-6.70	AVG
20	5452.600	50.36	7.79	58.15	74.00	-15.85	peak
21	5452.600	39.62	7.79	47.41	54.00	-6.59	AVG
22	5497.700	51.16	7.93	59.09	68.20	-9.11	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Vertical		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5230 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 10		
Ant.Polar.:	Vertical		

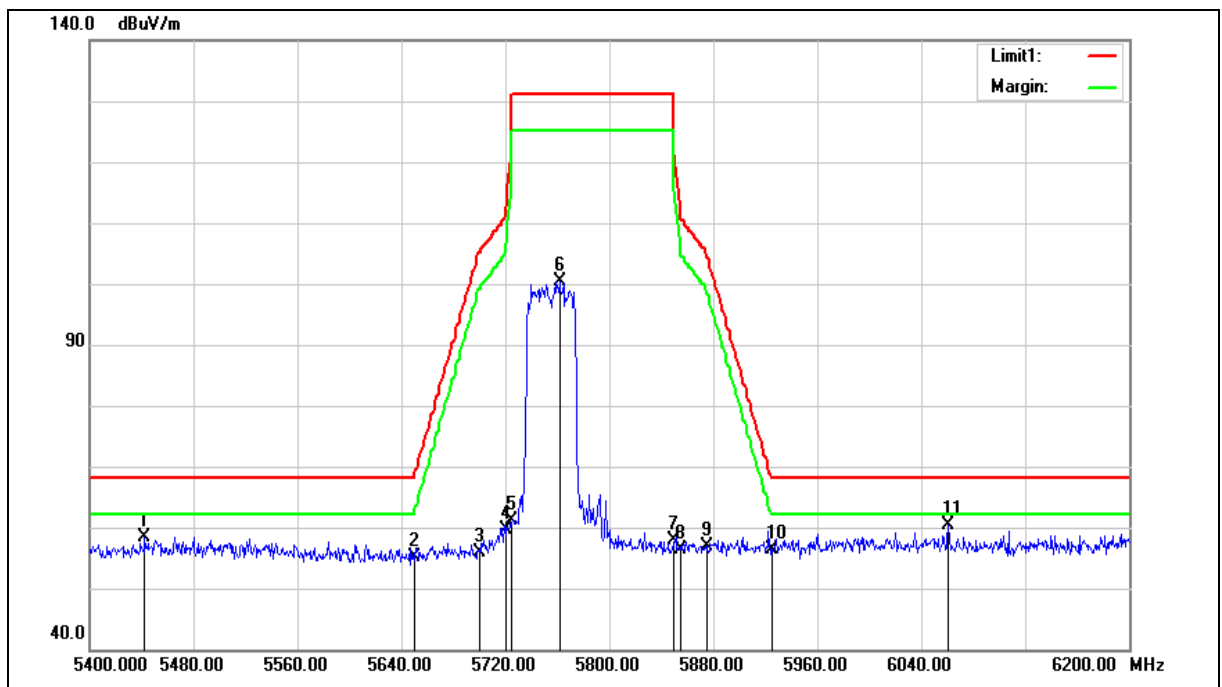
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4629.800	51.31	5.38	56.69	74.00	-17.31	peak
2	4629.800	39.99	5.38	45.37	54.00	-8.63	AVG
3	4720.000	50.86	5.65	56.51	74.00	-17.49	peak
4	4720.000	40.49	5.65	46.14	54.00	-7.86	AVG
5	4853.100	52.45	6.07	58.52	74.00	-15.48	peak
6	4853.100	40.16	6.07	46.23	54.00	-7.77	AVG
7	4909.200	50.92	6.24	57.16	74.00	-16.84	peak
8	4909.200	39.40	6.24	45.64	54.00	-8.36	AVG
9	5045.600	50.76	6.64	57.40	74.00	-16.60	peak
10	5045.600	39.39	6.64	46.03	54.00	-7.97	AVG
11	5119.300	52.21	6.84	59.05	74.00	-14.95	peak
12	5119.300	40.44	6.84	47.28	54.00	-6.72	AVG
13	5150.000	49.90	6.94	56.84	74.00	-17.16	peak
14	5150.000	40.76	6.94	47.70	54.00	-6.30	AVG
15	5233.700	102.75	7.17	109.92	--	--	peak
16	5350.000	48.23	7.50	55.73	74.00	-18.27	peak
17	5350.000	38.94	7.50	46.44	54.00	-7.56	AVG
18	5398.700	50.38	7.65	58.03	74.00	-15.97	peak
19	5398.700	38.94	7.65	46.59	54.00	-7.41	AVG
20	5429.500	50.54	7.73	58.27	74.00	-15.73	peak
21	5429.500	39.58	7.73	47.31	54.00	-6.69	AVG
22	5458.100	50.71	7.81	58.52	74.00	-15.48	peak
23	5458.100	39.74	7.81	47.55	54.00	-6.45	AVG
24	5517.500	50.68	7.97	58.65	68.20	-9.55	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:	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 10		
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 10		
Ant.Polar.:	Horizontal		

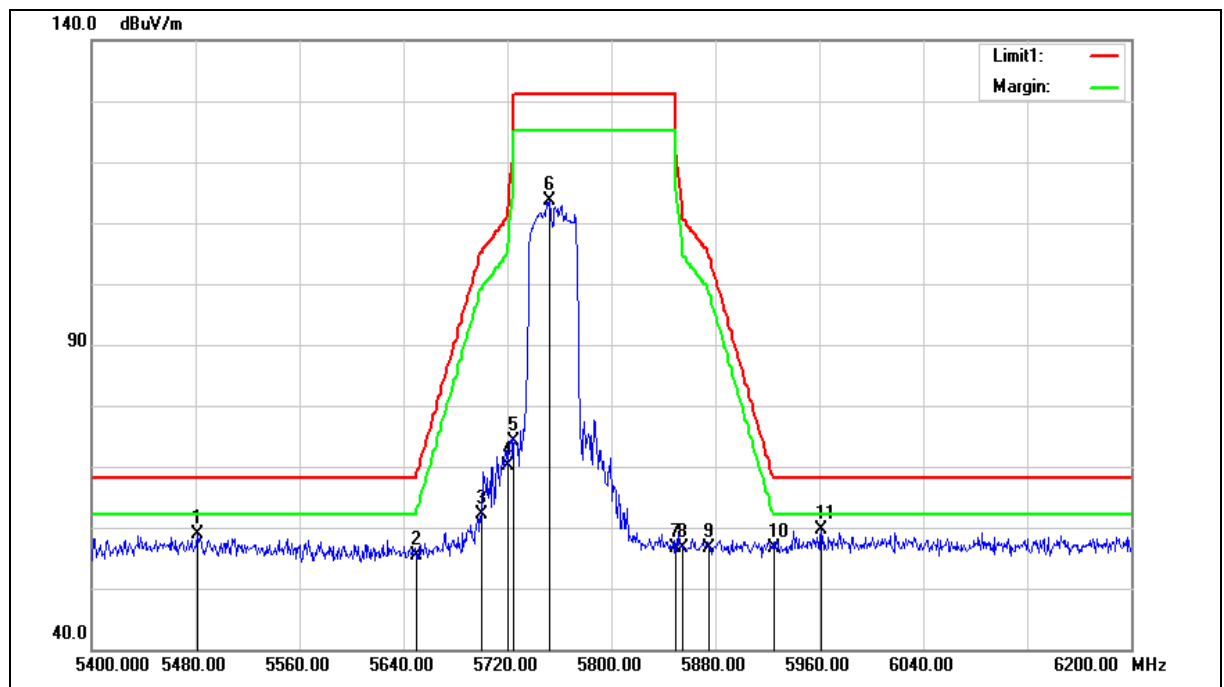
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5442.400	50.72	7.77	58.49	68.20	-9.71	peak
2	5650.000	46.87	8.24	55.11	68.20	-13.09	peak
3	5700.000	47.55	8.34	55.89	105.20	-49.31	peak
4	5720.000	51.27	8.38	59.65	110.80	-51.15	peak
5	5725.000	52.86	8.39	61.25	122.20	-60.95	peak
6	5761.600	92.04	8.46	100.50	--	--	peak
7	5850.000	49.18	8.63	57.81	122.20	-64.39	peak
8	5855.000	47.69	8.64	56.33	110.80	-54.47	peak
9	5875.000	48.29	8.69	56.98	105.20	-48.22	peak
10	5925.000	47.54	8.79	56.33	68.20	-11.87	peak
11	6060.800	51.25	9.12	60.37	68.20	-7.83	peak

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

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

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

Standard:	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 10		
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 10		
Ant.Polar.:	Vertical		

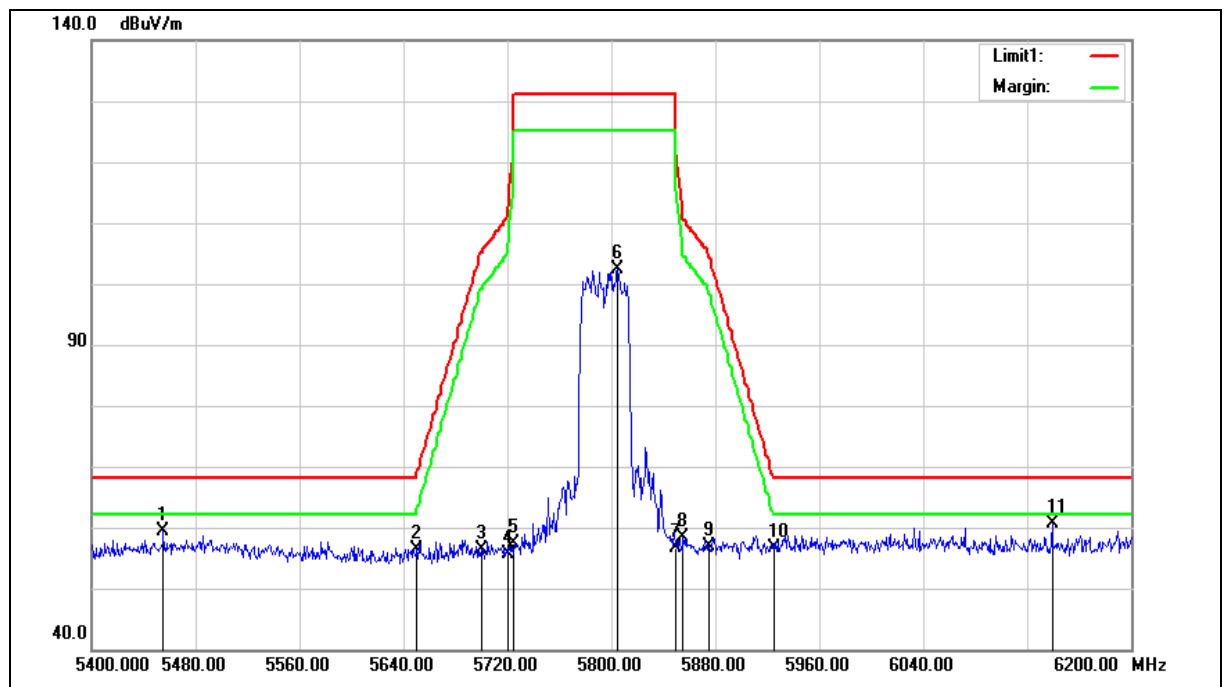
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5481.600	51.03	7.88	58.91	68.20	-9.29	peak
2	5650.000	47.18	8.24	55.42	68.20	-12.78	peak
3	5700.000	53.78	8.34	62.12	105.20	-43.08	peak
4	5720.000	61.67	8.38	70.05	110.80	-40.75	peak
5	5725.000	65.62	8.39	74.01	122.20	-48.19	peak
6	5752.800	105.20	8.44	113.64	--	--	peak
7	5850.000	47.91	8.63	56.54	122.20	-65.66	peak
8	5855.000	48.01	8.64	56.65	110.80	-54.15	peak
9	5875.000	48.02	8.69	56.71	105.20	-48.49	peak
10	5925.000	47.82	8.79	56.61	68.20	-11.59	peak
11	5961.600	50.70	8.86	59.56	68.20	-8.64	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:	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 10		
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 10		
Ant.Polar.:	Horizontal		

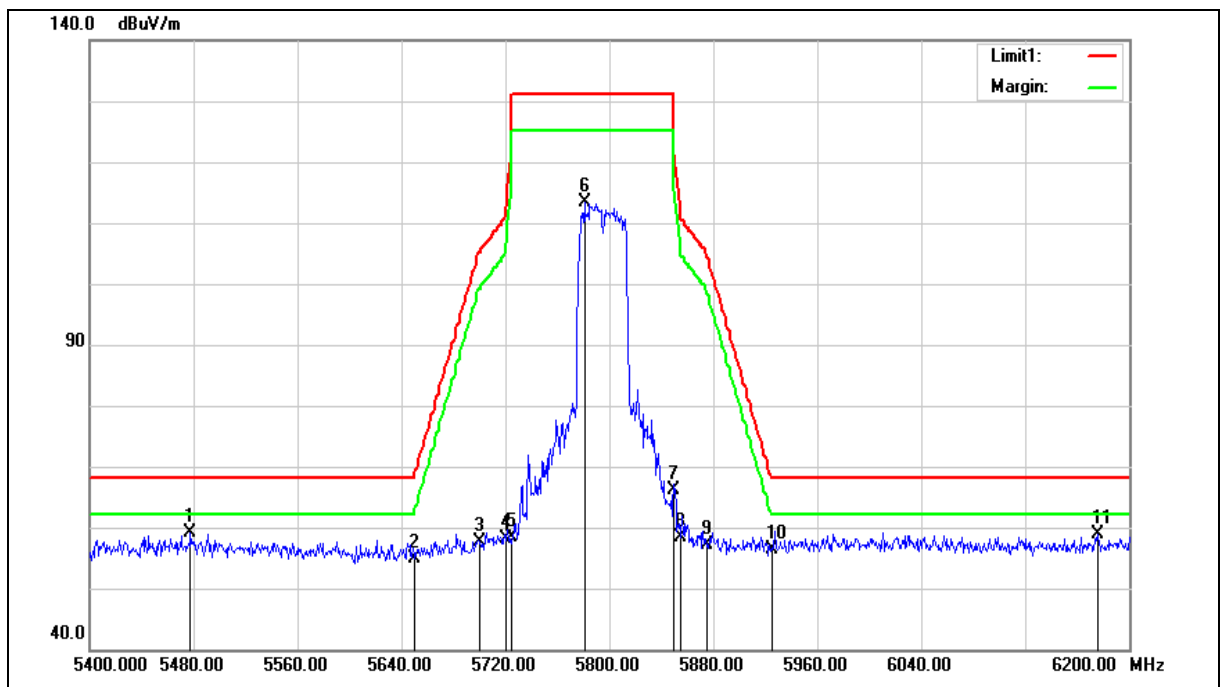
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.200	51.51	7.81	59.32	68.20	-8.88	peak
2	5650.000	48.21	8.24	56.45	68.20	-11.75	peak
3	5700.000	47.97	8.34	56.31	105.20	-48.89	peak
4	5720.000	47.22	8.38	55.60	110.80	-55.20	peak
5	5725.000	49.06	8.39	57.45	122.20	-64.75	peak
6	5804.800	93.74	8.54	102.28	--	--	peak
7	5850.000	47.92	8.63	56.55	122.20	-65.65	peak
8	5855.000	49.64	8.64	58.28	110.80	-52.52	peak
9	5875.000	48.12	8.69	56.81	105.20	-48.39	peak
10	5925.000	47.79	8.79	56.58	68.20	-11.62	peak
11	6139.200	51.18	9.35	60.53	68.20	-7.67	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 10		
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 10		
Ant.Polar.:	Vertical		

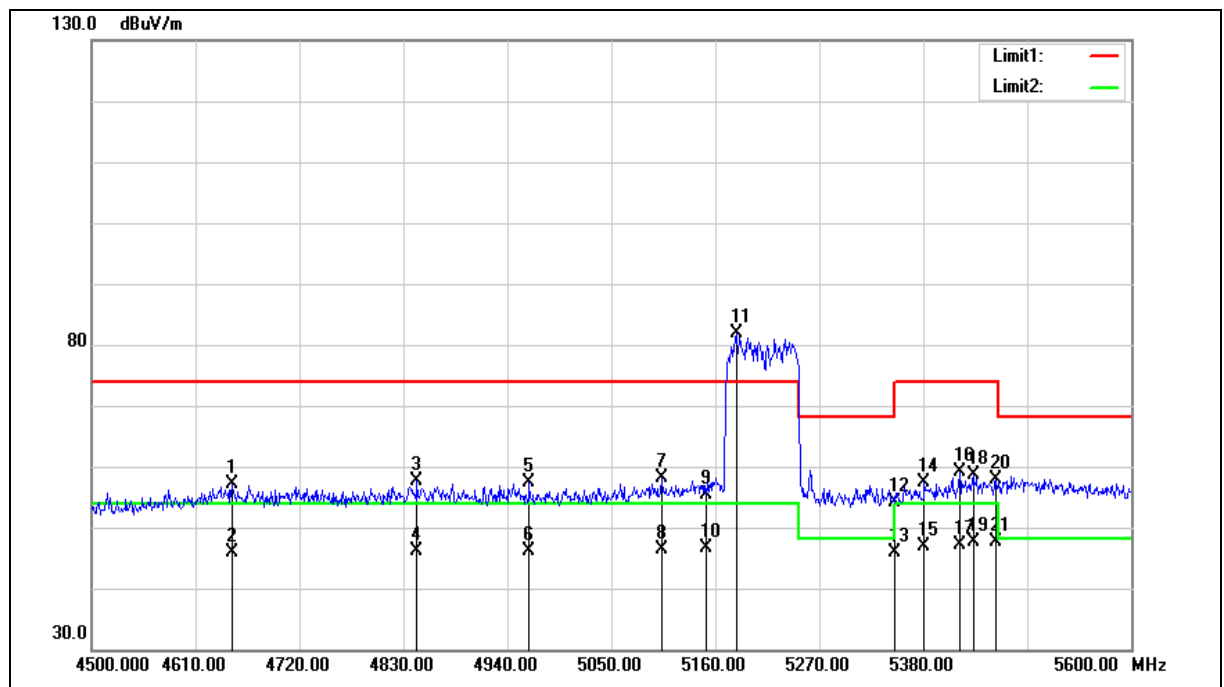
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5477.600	51.18	7.87	59.05	68.20	-9.15	peak
2	5650.000	46.74	8.24	54.98	68.20	-13.22	peak
3	5700.000	49.20	8.34	57.54	105.20	-47.66	peak
4	5720.000	49.71	8.38	58.09	110.80	-52.71	peak
5	5725.000	50.01	8.39	58.40	122.20	-63.80	peak
6	5780.800	104.94	8.50	113.44	--	--	peak
7	5850.000	57.44	8.63	66.07	122.20	-56.13	peak
8	5855.000	49.78	8.64	58.42	110.80	-52.38	peak
9	5875.000	48.55	8.69	57.24	105.20	-47.96	peak
10	5925.000	47.69	8.79	56.48	68.20	-11.72	peak
11	6176.000	49.49	9.46	58.95	68.20	-9.25	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 11		
Ant.Polar.:	Horizontal		



Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5210 MHz	Temp.(°C)/Hum. (%RH):	26(°C)/60 %RH
Mode:	Mode 11		
Ant.Polar.:	Horizontal		

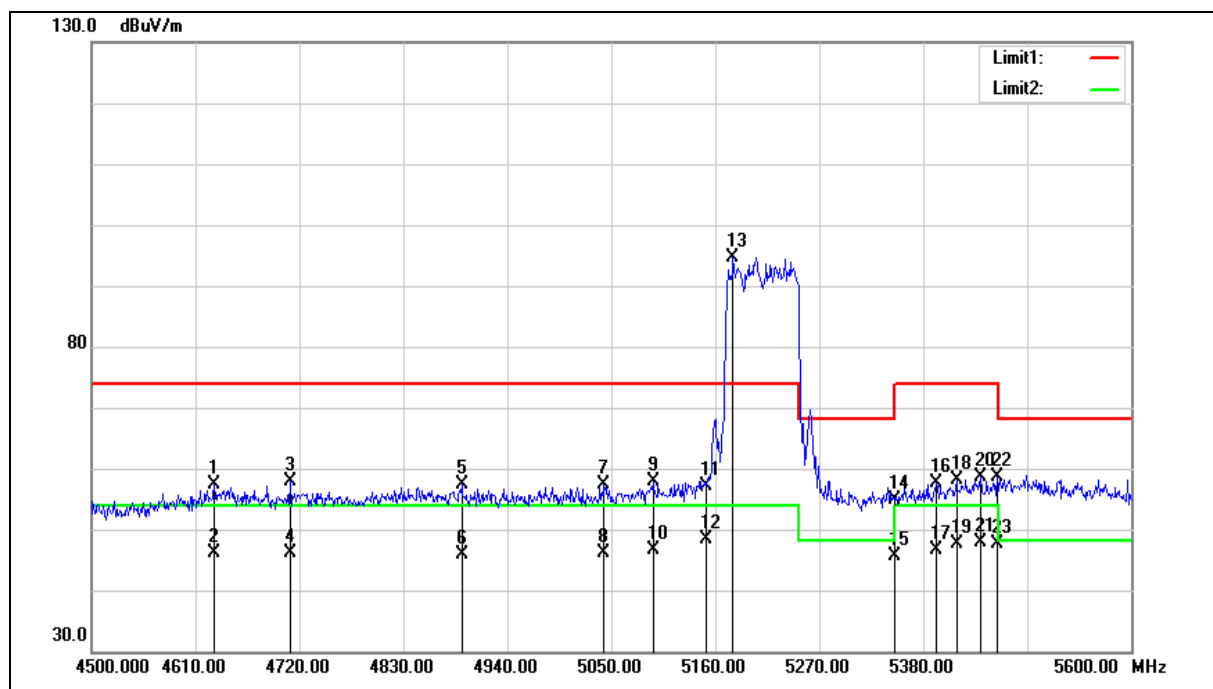
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4648.500	51.70	5.43	57.13	74.00	-16.87	peak
2	4648.500	40.54	5.43	45.97	54.00	-8.03	AVG
3	4844.300	51.53	6.04	57.57	74.00	-16.43	peak
4	4844.300	39.98	6.04	46.02	54.00	-7.98	AVG
5	4963.100	50.89	6.39	57.28	74.00	-16.72	peak
6	4963.100	39.78	6.39	46.17	54.00	-7.83	AVG
7	5102.800	51.30	6.80	58.10	74.00	-15.90	peak
8	5102.800	39.68	6.80	46.48	54.00	-7.52	AVG
9	5150.000	48.34	6.94	55.28	74.00	-18.72	peak
10	5150.000	39.75	6.94	46.69	54.00	-7.31	AVG
11	5182.000	74.82	7.03	81.85	--	--	peak
12	5350.000	46.59	7.50	54.09	74.00	-19.91	peak
13	5350.000	38.27	7.50	45.77	54.00	-8.23	AVG
14	5381.100	49.71	7.60	57.31	74.00	-16.69	peak
15	5381.100	39.20	7.60	46.80	54.00	-7.20	AVG
16	5418.500	51.47	7.70	59.17	74.00	-14.83	peak
17	5418.500	39.55	7.70	47.25	54.00	-6.75	AVG
18	5432.800	50.89	7.74	58.63	74.00	-15.37	peak
19	5432.800	39.85	7.74	47.59	54.00	-6.41	AVG
20	5457.000	50.05	7.81	57.86	74.00	-16.14	peak
21	5457.000	39.81	7.81	47.62	54.00	-6.38	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 11		
Ant.Polar.:	Vertical		



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 11		
Ant.Polar.:	Vertical		

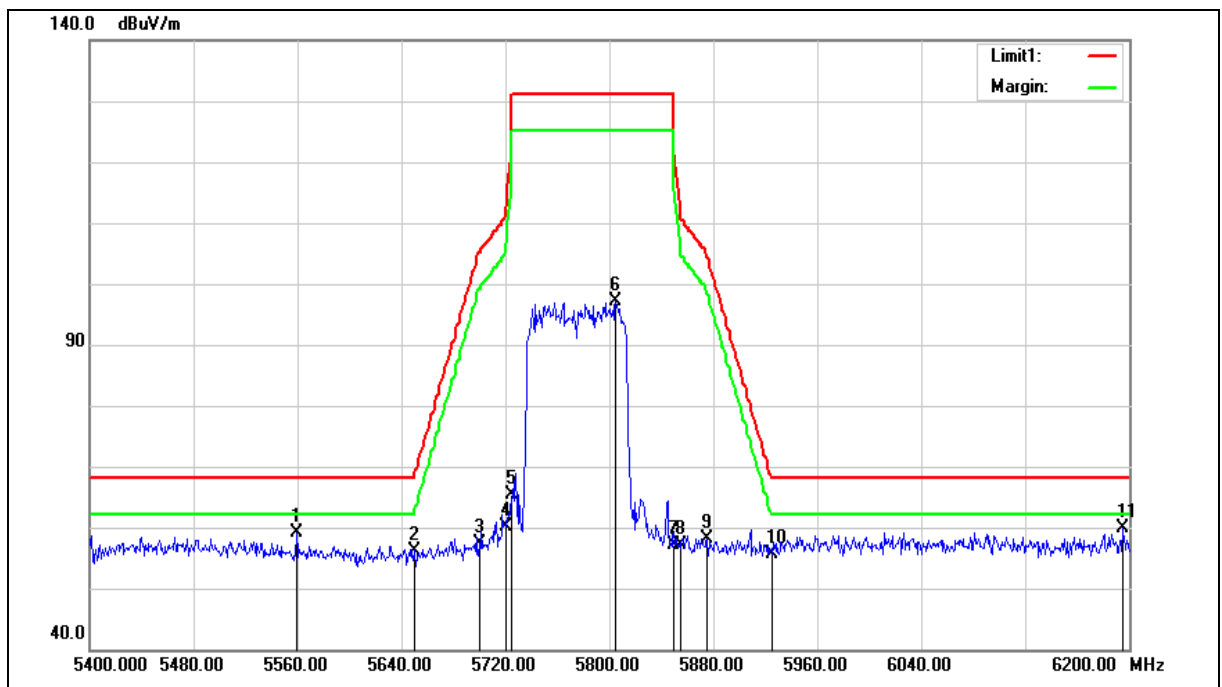
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4629.800	52.07	5.38	57.45	74.00	-16.55	peak
2	4629.800	40.64	5.38	46.02	54.00	-7.98	AVG
3	4710.100	52.18	5.62	57.80	74.00	-16.20	peak
4	4710.100	40.45	5.62	46.07	54.00	-7.93	AVG
5	4891.600	51.10	6.17	57.27	74.00	-16.73	peak
6	4891.600	39.72	6.17	45.89	54.00	-8.11	AVG
7	5042.300	50.67	6.63	57.30	74.00	-16.70	peak
8	5042.300	39.49	6.63	46.12	54.00	-7.88	AVG
9	5094.000	51.09	6.77	57.86	74.00	-16.14	peak
10	5094.000	39.94	6.77	46.71	54.00	-7.29	AVG
11	5150.000	50.20	6.94	57.14	74.00	-16.86	peak
12	5150.000	41.42	6.94	48.36	54.00	-5.64	AVG
13	5178.700	87.60	7.02	94.62	--	--	peak
14	5350.000	47.42	7.50	54.92	74.00	-19.08	peak
15	5350.000	38.06	7.50	45.56	54.00	-8.44	AVG
16	5394.300	49.94	7.63	57.57	74.00	-16.43	peak
17	5394.300	38.96	7.63	46.59	54.00	-7.41	AVG
18	5415.200	50.48	7.70	58.18	74.00	-15.82	peak
19	5415.200	39.84	7.70	47.54	54.00	-6.46	AVG
20	5440.500	50.90	7.76	58.66	74.00	-15.34	peak
21	5440.500	40.04	7.76	47.80	54.00	-6.20	AVG
22	5458.100	50.72	7.81	58.53	74.00	-15.47	peak
23	5458.100	39.82	7.81	47.63	54.00	-6.37	AVG

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5775 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 11		
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 11		
Ant.Polar.:	Horizontal		

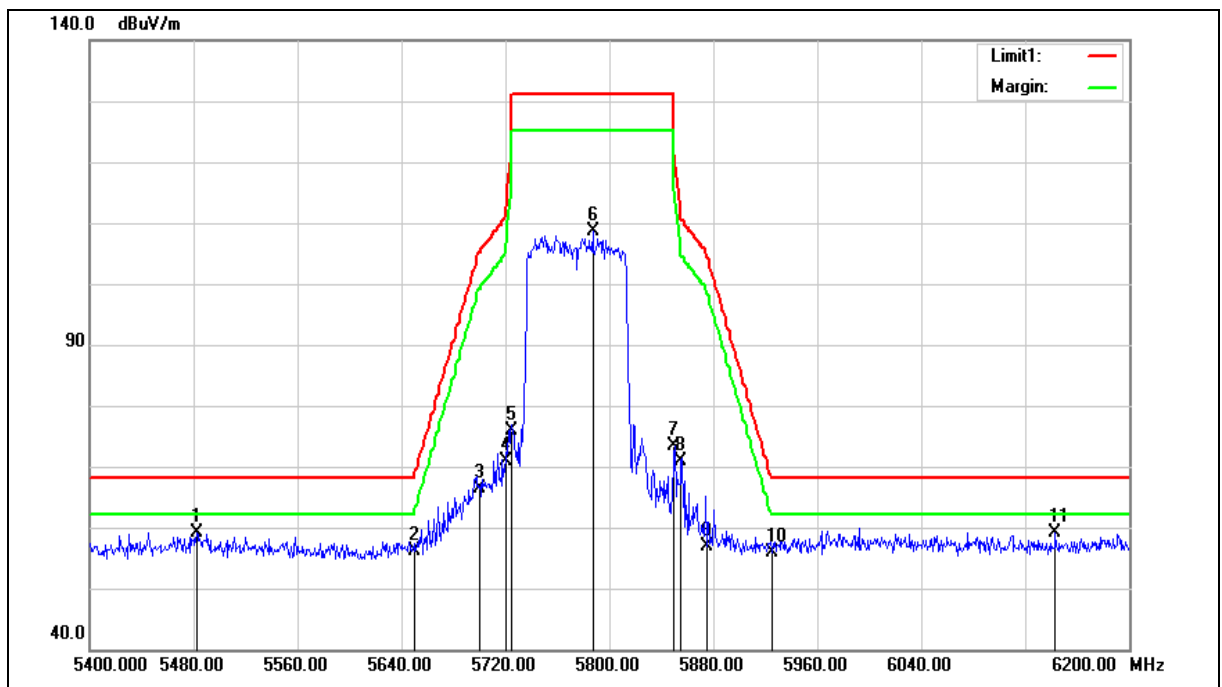
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5559.200	51.15	8.05	59.20	68.20	-9.00	peak
2	5650.000	47.97	8.24	56.21	68.20	-11.99	peak
3	5700.000	48.96	8.34	57.30	105.20	-47.90	peak
4	5720.000	51.71	8.38	60.09	110.80	-50.71	peak
5	5725.000	56.89	8.39	65.28	122.20	-56.92	peak
6	5804.800	88.51	8.54	97.05	--	--	peak
7	5850.000	48.53	8.63	57.16	122.20	-65.04	peak
8	5855.000	48.55	8.64	57.19	110.80	-53.61	peak
9	5875.000	49.52	8.69	58.21	105.20	-46.99	peak
10	5925.000	46.72	8.79	55.51	68.20	-12.69	peak
11	6195.200	50.36	9.51	59.87	68.20	-8.33	peak

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

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

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

Standard:	LP0002	Test Distance:	3 m
Test item:	Band edge	Power:	AC 110 V/60 Hz
Frequency:	5775 MHz	Temp.(°C)/Hum.(%RH):	26(°C)/60 %RH
Mode:	Mode 11		
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 11		
Ant.Polar.:	Vertical		

No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5482.400	51.26	7.88	59.14	68.20	-9.06	peak
2	5650.000	47.85	8.24	56.09	68.20	-12.11	peak
3	5700.000	58.10	8.34	66.44	105.20	-38.76	peak
4	5720.000	62.62	8.38	71.00	110.80	-39.80	peak
5	5725.000	67.46	8.39	75.85	122.20	-46.35	peak
6	5787.200	100.13	8.51	108.64	--	--	peak
7	5850.000	64.85	8.63	73.48	122.20	-48.72	peak
8	5855.000	62.33	8.64	70.97	110.80	-39.83	peak
9	5875.000	48.18	8.69	56.87	105.20	-48.33	peak
10	5925.000	47.07	8.79	55.86	68.20	-12.34	peak
11	6143.200	49.85	9.36	59.21	68.20	-8.99	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 :

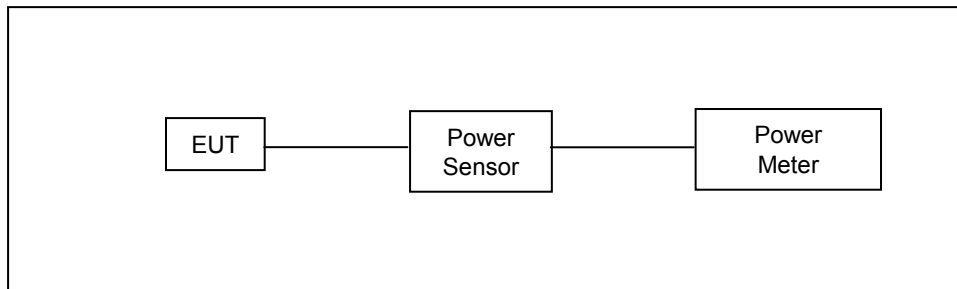
Directional = Max. Gain : 5.2 dBi < 6 dBi

MIMO/BF mode :

Directional Gain = $10 \cdot \log\{[10^{(G1/20)} + 10^{(G2/20)} + \dots + 10^{(Gn/20)}]^2 / NANT\}$ = 8.26 dBi > 6 dBi

* power limit shall be reduced = $30 - 2.26 = 27.74$ dBm

測試架構圖：



測試結果:

操作模式 : Mode 6 / Mode 7 / Mode 8 / Mode 9 / Mode 10 / Mode 11						
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	6	36	5180.0	11.66	0.015	≤ 30.00
		40	5200.0	16.05	0.040	≤ 30.00
		48	5240.0	18.22	0.066	≤ 30.00
		149	5745.0	18.34	0.068	≤ 30.00
		157	5785.0	17.65	0.058	≤ 30.00
		165	5825.0	17.78	0.060	≤ 30.00
Mode 7	13	36	5180.0	11.46	0.014	≤ 27.74
		40	5200.0	15.79	0.038	≤ 27.74
		48	5240.0	18.09	0.064	≤ 27.74
		149	5260.0	18.40	0.069	≤ 27.74
		157	5300.0	18.51	0.071	≤ 27.74
		165	5500.0	18.26	0.067	≤ 27.74
Mode 8	27	38	5190.0	9.04	0.008	≤ 27.74
		46	5230.0	15.75	0.038	≤ 27.74
		151	5755.0	19.10	0.081	≤ 27.74
		159	5795.0	20.39	0.109	≤ 27.74
Mode 9	13	36	5180.0	11.60	0.014	≤ 27.74
		40	5200.0	15.98	0.040	≤ 27.74
		48	5240.0	18.12	0.065	≤ 27.74
		149	5745.0	18.41	0.069	≤ 27.74
		157	5785.0	18.51	0.071	≤ 27.74
		165	5825.0	18.44	0.070	≤ 27.74
Mode 10	27	38	5190.0	9.14	0.008	≤ 27.74
		46	5230.0	15.94	0.039	≤ 27.74
		151	5755.0	19.15	0.082	≤ 27.74
		159	5795.0	20.49	0.112	≤ 27.74
Mode 11	58.6	42	5210.0	4.70	0.003	≤ 27.74
		155	5775.0	17.25	0.053	≤ 27.74

操作模式 : Mode 6 / Mode 7 / Mode 8 / Mode 9 / Mode 10 / Mode 11						
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	6	36	5180.0	11.73	0.015	≤ 30.00
		40	5200.0	16.28	0.042	≤ 30.00
		48	5240.0	18.47	0.070	≤ 30.00
		149	5745.0	18.35	0.068	≤ 30.00
		157	5785.0	18.33	0.068	≤ 30.00
		165	5825.0	18.17	0.066	≤ 30.00
Mode 7	13	36	5180.0	11.32	0.014	≤ 27.74
		40	5200.0	15.79	0.038	≤ 27.74
		48	5240.0	18.45	0.070	≤ 27.74
		149	5260.0	18.31	0.068	≤ 27.74
		157	5300.0	18.41	0.069	≤ 27.74
		165	5500.0	18.43	0.070	≤ 27.74
Mode 8	27	38	5190.0	8.79	0.008	≤ 27.74
		46	5230.0	15.96	0.039	≤ 27.74
		151	5755.0	19.10	0.081	≤ 27.74
		159	5795.0	19.85	0.097	≤ 27.74
Mode 9	13	36	5180.0	11.35	0.014	≤ 27.74
		40	5200.0	15.83	0.038	≤ 27.74
		48	5240.0	18.51	0.071	≤ 27.74
		149	5745.0	18.46	0.070	≤ 27.74
		157	5785.0	18.47	0.070	≤ 27.74
		165	5825.0	18.47	0.070	≤ 27.74
Mode 10	27	38	5190.0	8.87	0.008	≤ 27.74
		46	5230.0	16.01	0.040	≤ 27.74
		151	5755.0	19.23	0.084	≤ 27.74
		159	5795.0	19.98	0.100	≤ 27.74
Mode 11	58.6	42	5210.0	2.44	0.002	≤ 27.74
		155	5775.0	17.16	0.052	≤ 27.74

操作模式 : Mode 6 / Mode 7 / Mode 8 / Mode 9 / Mode 10 / Mode 11						
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 7	13	36	5180.0	14.40	0.028	≤ 27.74
		40	5200.0	18.80	0.076	≤ 27.74
		48	5240.0	21.28	0.134	≤ 27.74
		149	5260.0	21.37	0.137	≤ 27.74
		157	5300.0	21.47	0.140	≤ 27.74
		165	5500.0	21.36	0.137	≤ 27.74
Mode 8	27	38	5190.0	11.93	0.016	≤ 27.74
		46	5230.0	18.87	0.077	≤ 27.74
		151	5755.0	22.11	0.163	≤ 27.74
		159	5795.0	23.14	0.206	≤ 27.74
Mode 9	13	36	5180.0	14.49	0.028	≤ 27.74
		40	5200.0	21.36	0.137	≤ 27.74
		48	5240.0	21.33	0.136	≤ 27.74
		149	5745.0	21.45	0.139	≤ 27.74
		157	5785.0	21.50	0.141	≤ 27.74
		165	5825.0	21.47	0.140	≤ 27.74
Mode 10	27	38	5190.0	12.02	0.016	≤ 27.74
		46	5230.0	18.99	0.079	≤ 27.74
		151	5755.0	22.20	0.166	≤ 27.74
		159	5795.0	23.25	0.211	≤ 27.74
Mode 11	58.6	42	5210.0	6.73	0.005	≤ 27.74
		155	5775.0	20.22	0.105	≤ 27.74

Beamforming on

操作模式 : Mode 7 / Mode 8 / Mode 9 / Mode 10 / Mode 11						
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 7	13	36	5180.0	8.50	0.007	≤ 27.74
		40	5200.0	12.69	0.019	≤ 27.74
		48	5240.0	14.90	0.031	≤ 27.74
		149	5260.0	15.19	0.033	≤ 27.74
		157	5300.0	15.08	0.032	≤ 27.74
		165	5500.0	15.10	0.032	≤ 27.74
Mode 8	27	38	5190.0	5.92	0.004	≤ 27.74
		46	5230.0	11.92	0.016	≤ 27.74
		151	5755.0	15.87	0.039	≤ 27.74
		159	5795.0	17.24	0.053	≤ 27.74
Mode 9	13	36	5180.0	8.56	0.007	≤ 27.74
		40	5200.0	12.80	0.019	≤ 27.74
		48	5240.0	15.01	0.032	≤ 27.74
		149	5745.0	15.27	0.034	≤ 27.74
		157	5785.0	15.15	0.033	≤ 27.74
		165	5825.0	15.19	0.033	≤ 27.74
Mode 10	27	38	5190.0	5.93	0.004	≤ 27.74
		46	5230.0	12.00	0.016	≤ 27.74
		151	5755.0	15.98	0.040	≤ 27.74
		159	5795.0	17.36	0.054	≤ 27.74
Mode 11	58.6	42	5210.0	2.39	0.002	≤ 27.74
		155	5775.0	14.04	0.025	≤ 27.74

操作模式 : Mode 7 / Mode 8 / Mode 9 / Mode 10 / Mode 11						
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 7	13	36	5180.0	7.82	0.006	≤ 27.74
		40	5200.0	12.70	0.019	≤ 27.74
		48	5240.0	15.37	0.034	≤ 27.74
		149	5260.0	15.33	0.034	≤ 27.74
		157	5300.0	15.09	0.032	≤ 27.74
		165	5500.0	15.22	0.033	≤ 27.74
Mode 8	27	38	5190.0	3.53	0.002	≤ 27.74
		46	5230.0	12.17	0.016	≤ 27.74
		151	5755.0	16.08	0.041	≤ 27.74
		159	5795.0	16.83	0.048	≤ 27.74
Mode 9	13	36	5180.0	7.85	0.006	≤ 27.74
		40	5200.0	12.73	0.019	≤ 27.74
		48	5240.0	15.37	0.034	≤ 27.74
		149	5745.0	15.33	0.034	≤ 27.74
		157	5785.0	15.20	0.033	≤ 27.74
		165	5825.0	15.25	0.033	≤ 27.74
Mode 10	27	38	5190.0	3.54	0.002	≤ 27.74
		46	5230.0	12.18	0.017	≤ 27.74
		151	5755.0	16.16	0.041	≤ 27.74
		159	5795.0	16.90	0.049	≤ 27.74
Mode 11	58.6	42	5210.0	-2.85	0.001	≤ 27.74
		155	5775.0	13.91	0.025	≤ 27.74

操作模式 : Mode 7 / Mode 8 / Mode 9 / Mode 10 / Mode 11						
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 7	13	36	5180.0	11.18	0.013	≤ 27.74
		40	5200.0	15.71	0.037	≤ 27.74
		48	5240.0	18.15	0.065	≤ 27.74
		149	5260.0	18.27	0.067	≤ 27.74
		157	5300.0	18.10	0.064	≤ 27.74
		165	5500.0	18.17	0.066	≤ 27.74
Mode 8	27	38	5190.0	7.90	0.006	≤ 27.74
		46	5230.0	15.06	0.032	≤ 27.74
		151	5755.0	18.99	0.079	≤ 27.74
		159	5795.0	20.05	0.101	≤ 27.74
Mode 9	13	36	5180.0	11.23	0.013	≤ 27.74
		40	5200.0	15.78	0.038	≤ 27.74
		48	5240.0	18.20	0.066	≤ 27.74
		149	5745.0	18.31	0.068	≤ 27.74
		157	5785.0	18.19	0.066	≤ 27.74
		165	5825.0	18.23	0.067	≤ 27.74
Mode 10	27	38	5190.0	7.91	0.006	≤ 27.74
		46	5230.0	15.10	0.032	≤ 27.74
		151	5755.0	19.08	0.081	≤ 27.74
		159	5795.0	20.15	0.103	≤ 27.74
Mode 11	58.6	42	5210.0	3.53	0.002	≤ 27.74
		155	5775.0	16.99	0.050	≤ 27.74

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 : 5.2 dBi < 6 dBi

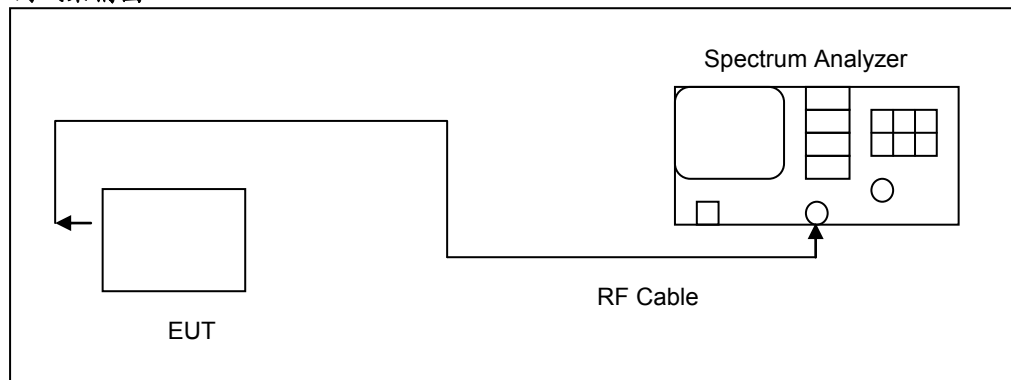
MIMO/BF mode :

Directional Gain = $10 \cdot \log\{[10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20}]^2 / NANT\} = 8.26 \text{ dBi} > 6 \text{ dBi}$

* power spectral density limit shall be reduced = $17 - 2.26 = 14.74 \text{ dBm/MHz}$ (5.150 ~ 5.250 GHz)

* power spectral density limit shall be reduced = $30 - 2.26 = 27.74 \text{ dBm/500 kHz}$ (5.725 ~ 5.850 GHz)

測試架構圖：



測試結果:

操作模式	: Mode 9 / Mode 10 / Mode 11
測試結果	: 合格

ANT-0						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/MHz)	Duty Factor (dB)	轉換值 (dBm/MHz)	限制值 (dBm/MHz)
Mode 9	36	5180.0	-0.239	0.049	-0.190	14.74
	40	5200.0	4.223	0.049	4.272	14.74
	48	5240.0	6.181	0.049	6.230	14.74
Mode 10	38	5190.0	-4.727	0.066	-4.661	14.74
	46	5230.0	1.477	0.066	1.543	14.74
Mode 11	42	5210.0	-13.802	0.102	-13.700	14.74

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						
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 9	149	5745.0	-1.525	0.049	5.514	27.74
	157	5785.0	-1.890	0.049	5.149	27.74
	165	5825.0	-2.740	0.049	4.299	27.74
Mode 10	151	5755.0	-3.894	0.066	3.161	27.74
	159	5795.0	-2.108	0.066	4.947	27.74
Mode 11	155	5775.0	-8.941	0.102	-1.849	27.74

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.
Conversion ration = 10*Log(500 k/100 k)

操作模式	: Mode 6 / Mode 9 / Mode 10 / Mode 11
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 6	36	5180.0	0.133	0.016	0.149	17.00
	40	5200.0	4.581	0.016	4.597	17.00
	48	5240.0	6.919	0.016	6.935	17.00
Mode 9	36	5180.0	-0.022	0.049	0.027	14.74
	40	5200.0	4.316	0.049	4.365	14.74
	48	5240.0	6.568	0.049	6.617	14.74
Mode 10	38	5190.0	-4.935	0.066	-4.869	14.74
	46	5230.0	1.834	0.066	1.900	14.74
Mode 11	42	5210.0	-15.273	0.102	-15.171	14.74

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 ratio = $10 \cdot \log(500 \text{ k}/100 \text{ k})$

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	-1.441	0.016	5.564	30.00
	157	5785.0	-1.823	0.016	5.182	30.00
	165	5825.0	-2.189	0.016	4.816	30.00
Mode 9	149	5745.0	-1.230	0.049	5.809	27.74
	157	5785.0	-1.854	0.049	5.185	27.74
	165	5825.0	-2.449	0.049	4.590	27.74
Mode 10	151	5755.0	-2.877	0.066	4.178	27.74
	159	5795.0	-2.352	0.066	4.703	27.74
Mode 11	155	5775.0	-8.325	0.102	-1.233	27.74

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

Conversion ratio = $10 \cdot \log(500 \text{ k}/100 \text{ k})$

操作模式	: Mode 9 / Mode 10 / Mode 11
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 9	36	5180.0	2.930	14.74
	40	5200.0	7.329	14.74
	48	5240.0	9.438	14.74
Mode 10	38	5190.0	-1.754	14.74
	46	5230.0	4.735	14.74
Mode 11	42	5210.0	-11.363	14.74

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 9	149	5745.0	8.674	27.74
	157	5785.0	8.177	27.74
	165	5825.0	7.457	27.74
Mode 10	151	5755.0	6.710	27.74
	159	5795.0	7.837	27.74
Mode 11	155	5775.0	1.480	27.74

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

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

Beamforming on

操作模式 : Mode 9 / Mode 10 / Mode 11

測試結果 : 合格

ANT-0						
操作模式	頻道 (CH)	頻率 (MHz)	量測值 (dBm/MHz)	Duty Factor (dB)	轉換值 (dBm/MHz)	限制值 (dBm/MHz)
Mode 9	36	5180.0	-3.209	0.049	-3.160	14.74
	40	5200.0	1.099	0.049	1.148	14.74
	48	5240.0	3.233	0.049	3.282	14.74
Mode 10	38	5190.0	-8.662	0.066	-8.596	14.74
	46	5230.0	-2.587	0.066	-2.521	14.74
Mode 11	42	5210.0	-15.090	0.102	-14.988	14.74

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

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 9	149	5745.0	-5.744	0.049	1.295	27.74
	157	5785.0	-5.772	0.049	1.267	27.74
	165	5825.0	-6.383	0.049	0.656	27.74
Mode 10	151	5755.0	-7.662	0.066	-0.607	27.74
	159	5795.0	-7.166	0.066	-0.111	27.74
Mode 11	155	5775.0	-13.078	0.102	-5.986	27.74

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 9 / Mode 10 / Mode 11
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 9	36	5180.0	-3.726	0.049	-3.677	14.74
	40	5200.0	0.556	0.049	0.605	14.74
	48	5240.0	2.470	0.049	2.519	14.74
Mode 10	38	5190.0	-9.287	0.066	-9.221	14.74
	46	5230.0	-3.237	0.066	-3.171	14.74
Mode 11	42	5210.0	-19.050	0.102	-18.948	14.74

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

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 9	149	5745.0	-4.948	0.049	2.091	27.74
	157	5785.0	-5.226	0.049	1.813	27.74
	165	5825.0	-5.259	0.049	1.780	27.74
Mode 10	151	5755.0	-7.021	0.066	0.034	27.74
	159	5795.0	-6.424	0.066	0.631	27.74
Mode 11	155	5775.0	-11.631	0.102	-4.539	27.74

Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.
Conversion ratio = 10*Log(500 k/100 k)

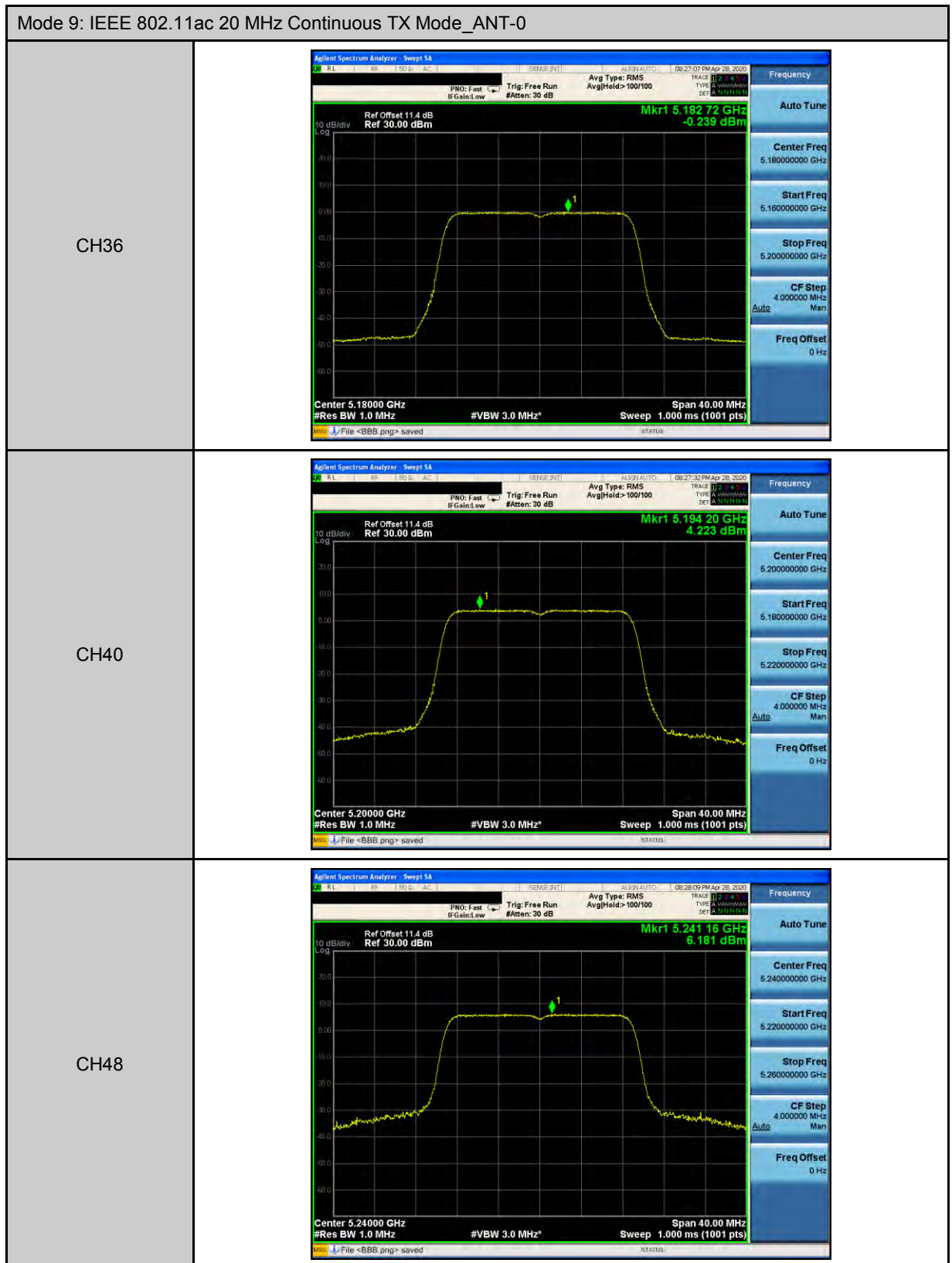
操作模式	: Mode 9 / Mode 10 / Mode 11
測試結果	: 合格

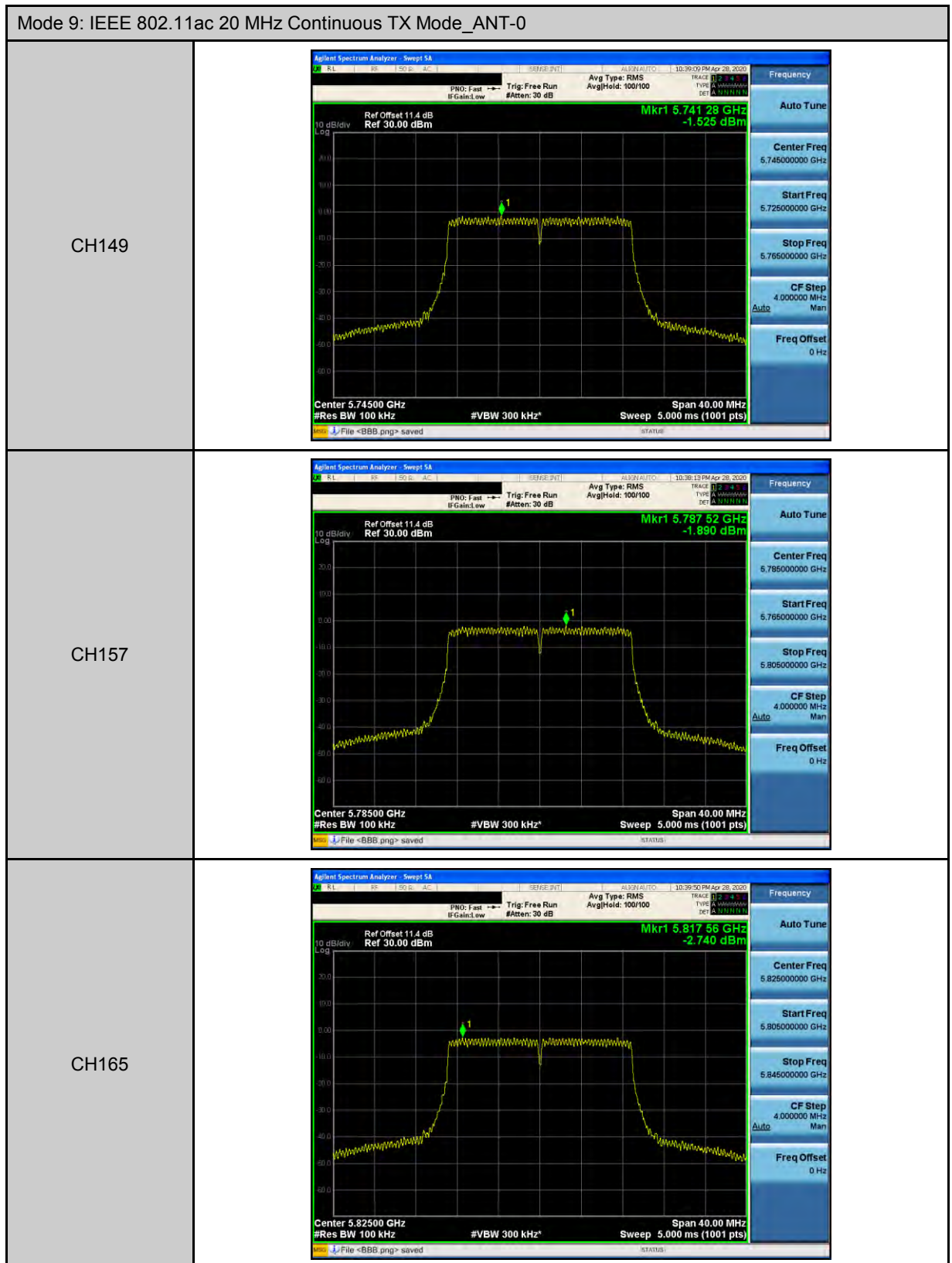
ANT-0+1				
操作模式	頻道 (CH)	頻率 (MHz)	轉換值(dBm/MHz)	限制值 (dBm/MHz)
Mode 9	36	5180.0	-0.400	14.74
	40	5200.0	3.896	14.74
	48	5240.0	5.928	14.74
Mode 10	38	5190.0	-5.887	14.74
	46	5230.0	0.176	14.74
Mode 11	42	5210.0	-13.521	14.74

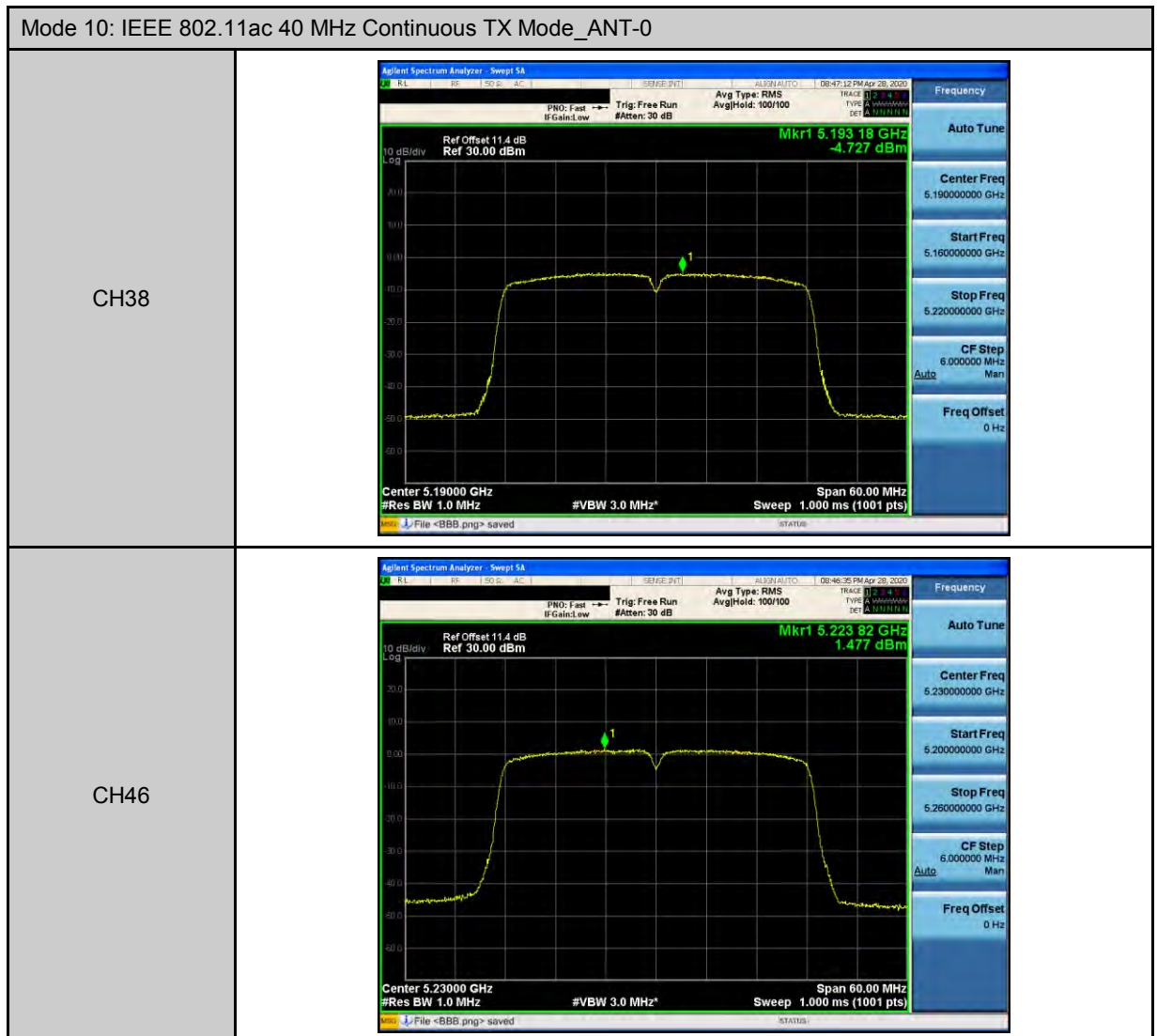
Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + dutNote: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.
Conversion ration = 10*Log(500 k/100 k)

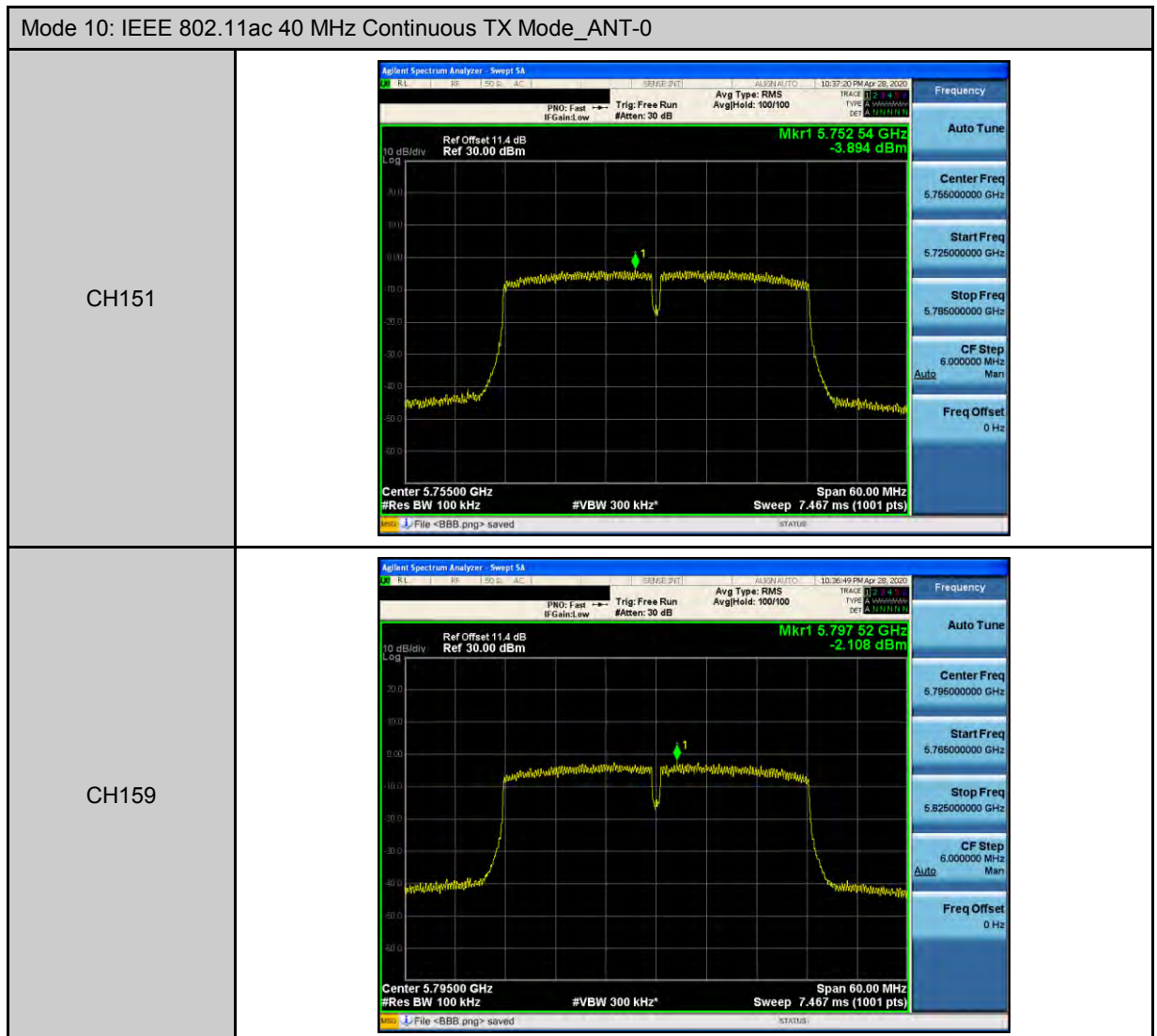
ANT-0+1				
操作模式	頻道 (CH)	頻率 (MHz)	轉換值(dBm/500 kHz)	限制值 (dBm/500 kHz)
Mode 9	149	5745.0	4.722	27.74
	157	5785.0	4.559	27.74
	165	5825.0	4.265	27.74
Mode 10	151	5755.0	2.736	27.74
	159	5795.0	3.286	27.74
Mode 11	155	5775.0	-2.192	27.74

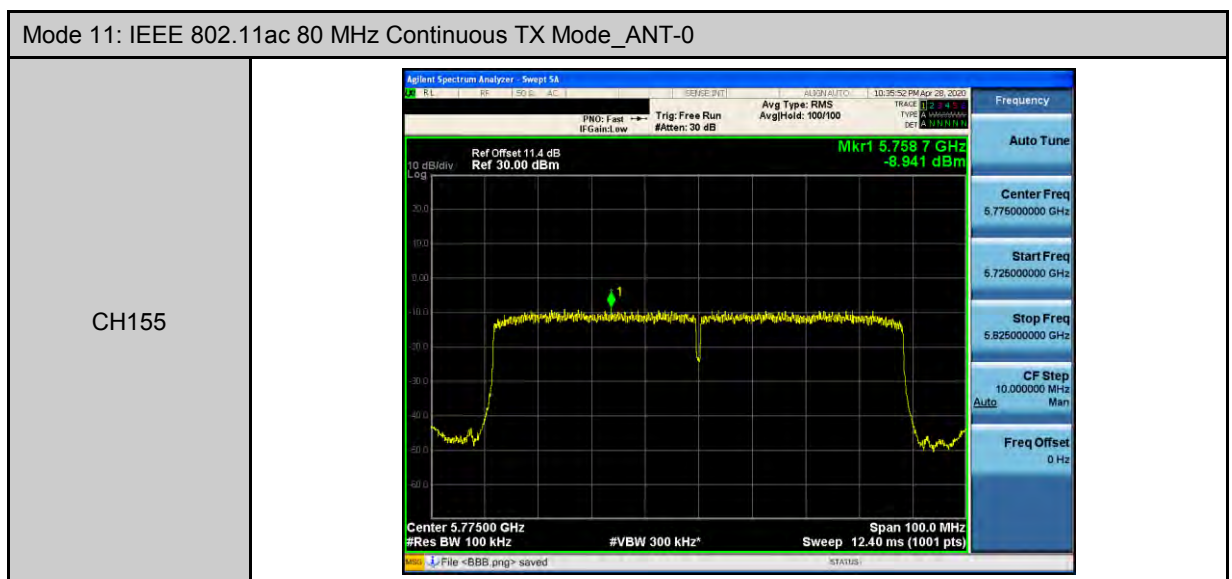
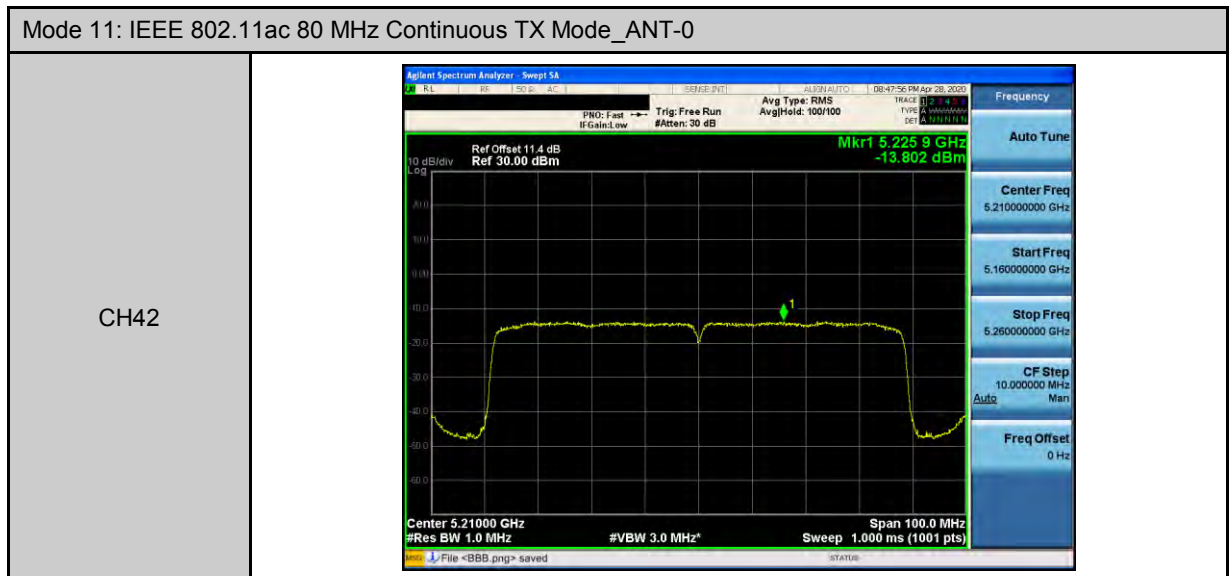
Note: Power Density = measured result + 10 log (1/duty cycle) + Conversion ratio = measured result + duty factory.
Conversion ration = 10*Log(500 k/100 k)

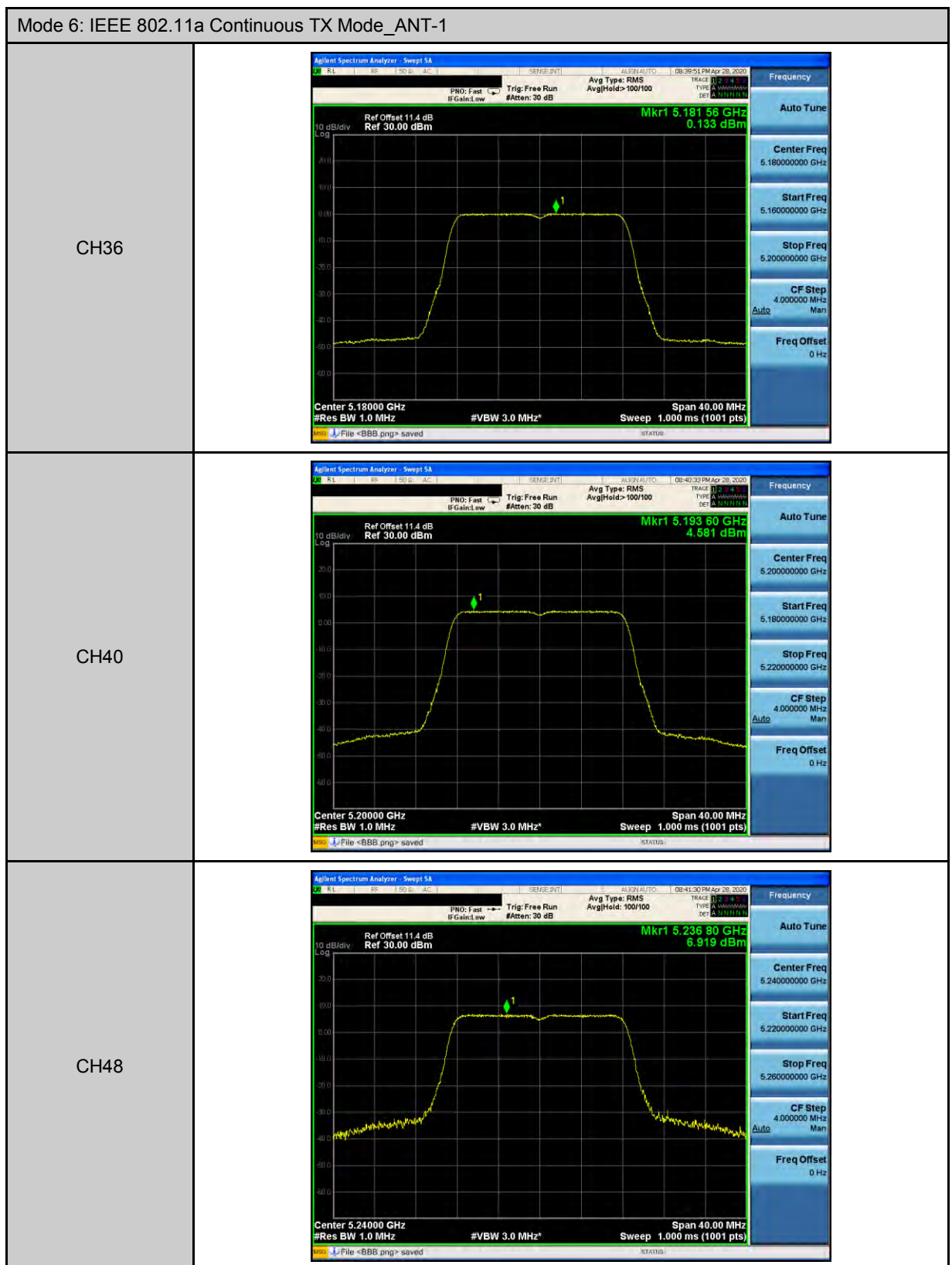


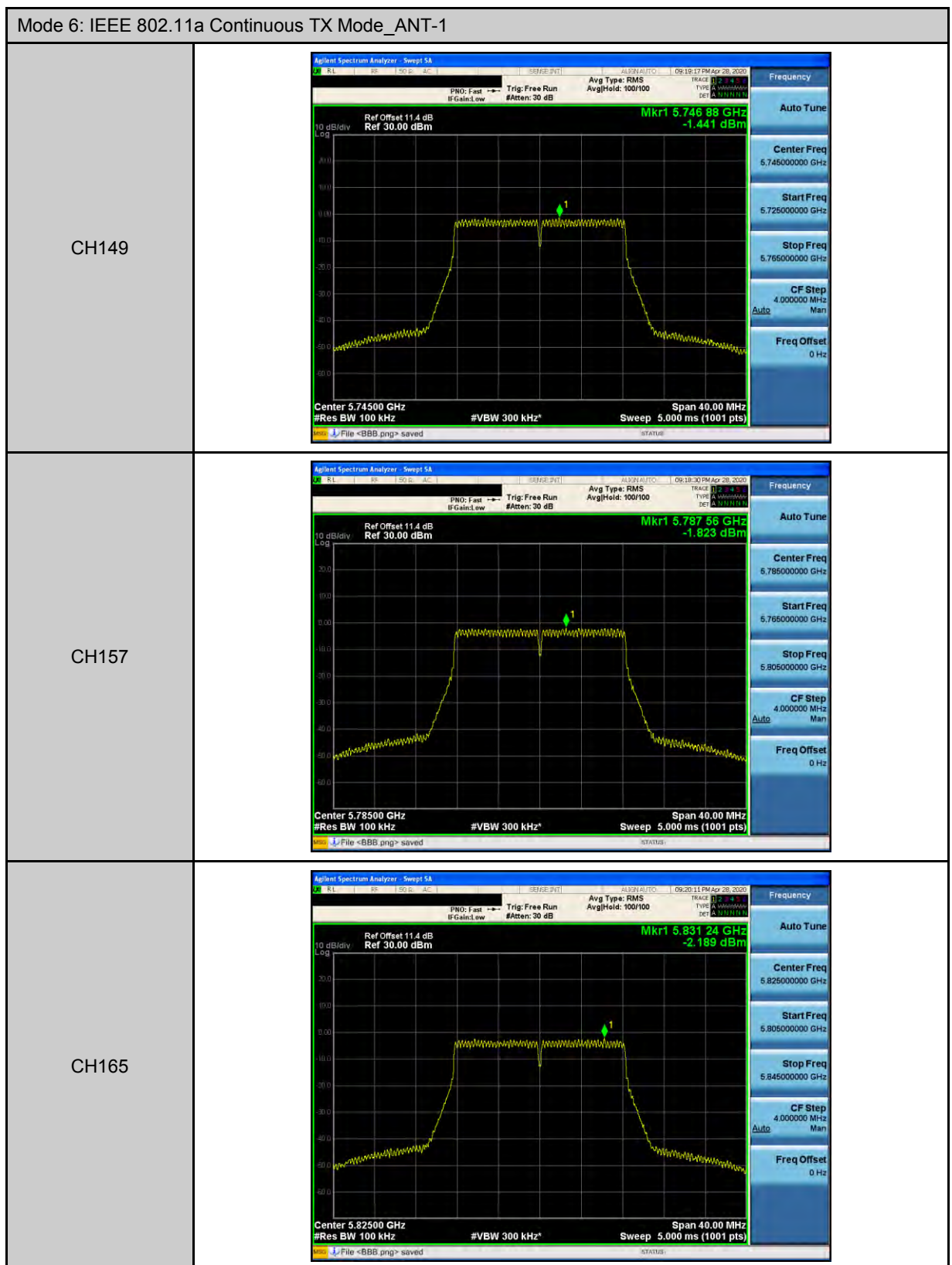




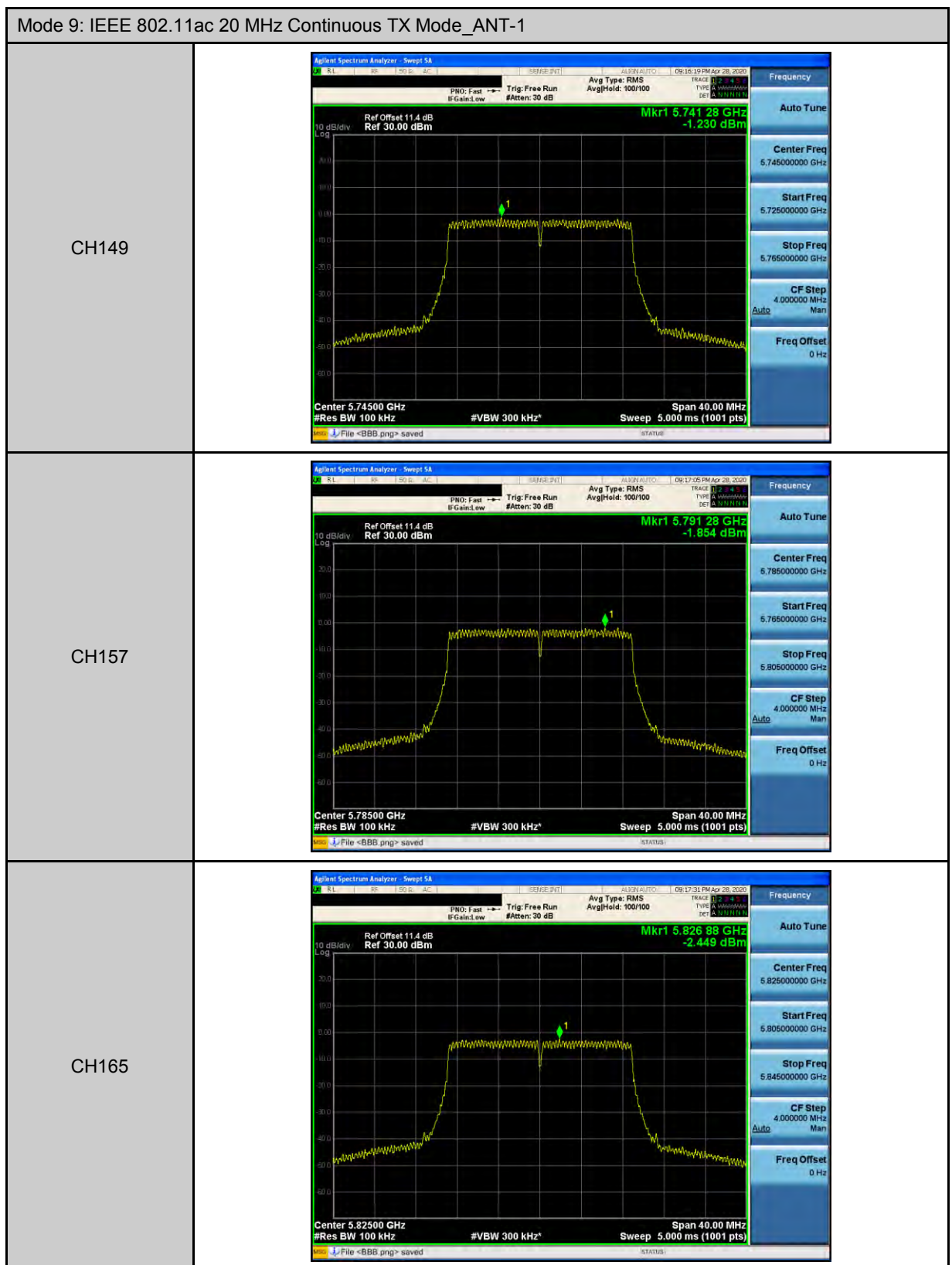




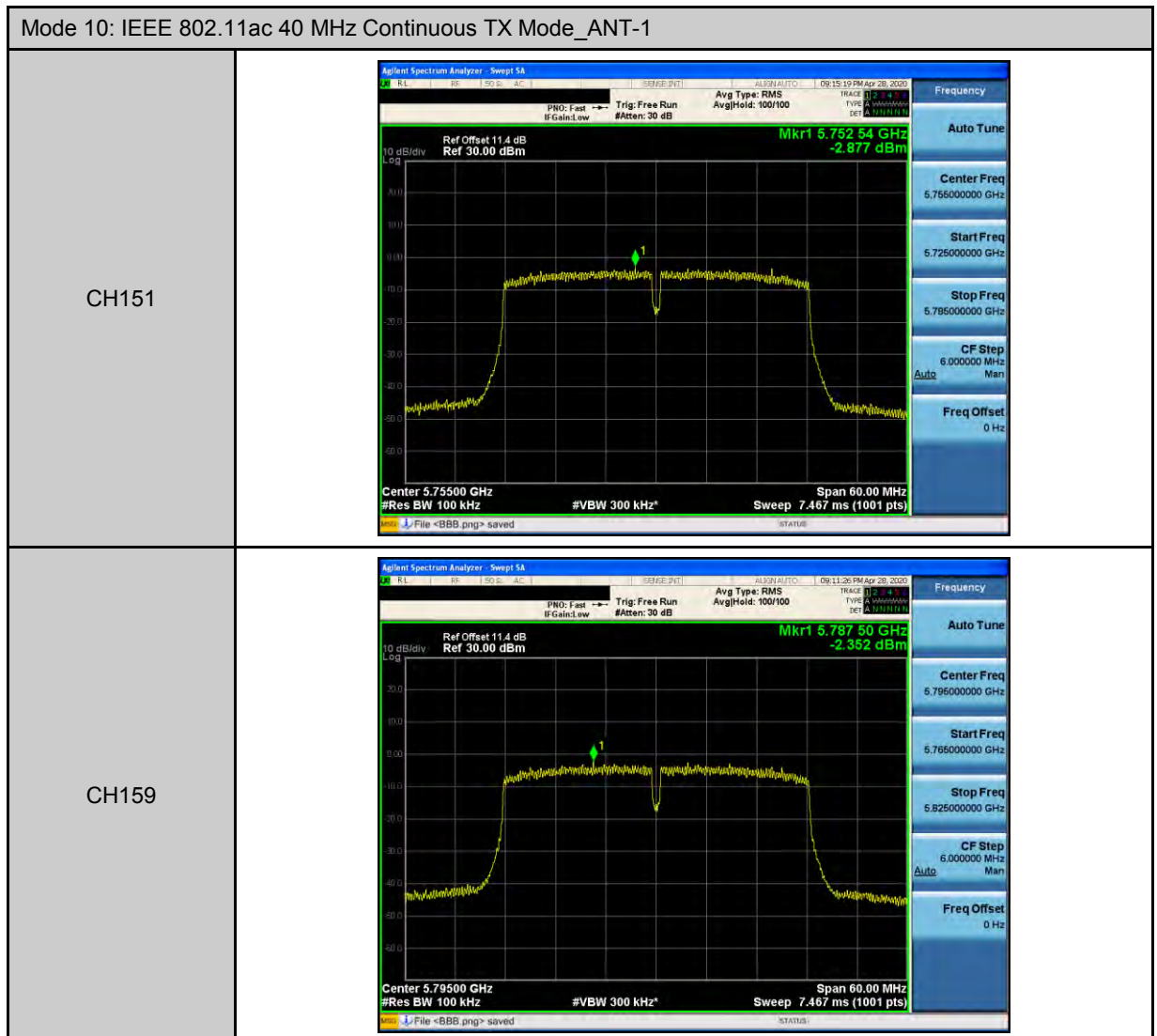












Mode 11: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-1

CH42



Mode 11: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-1

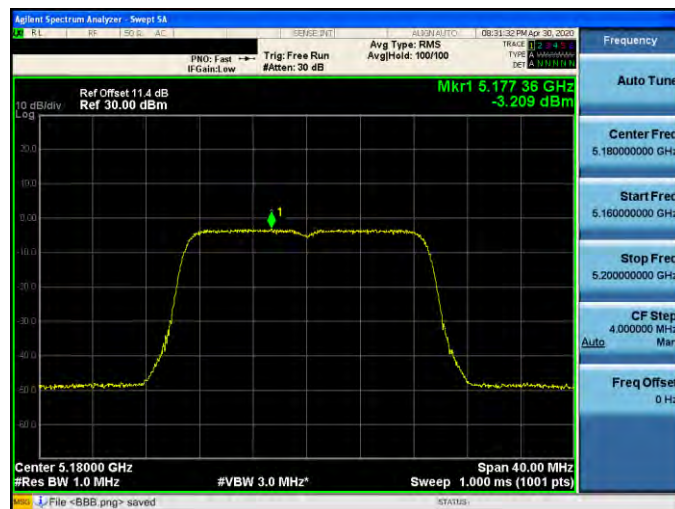
CH155



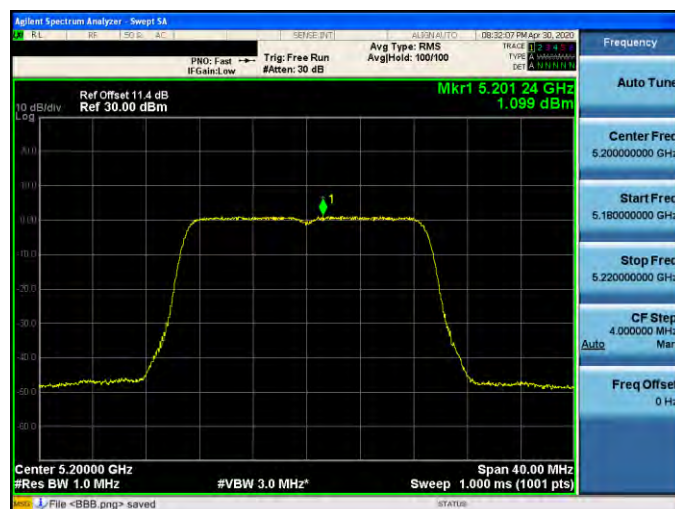
Beamforming on

Mode 9: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

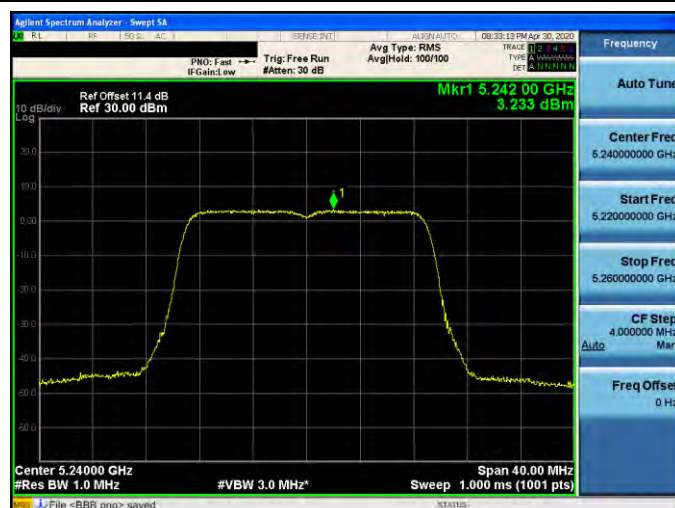
CH36

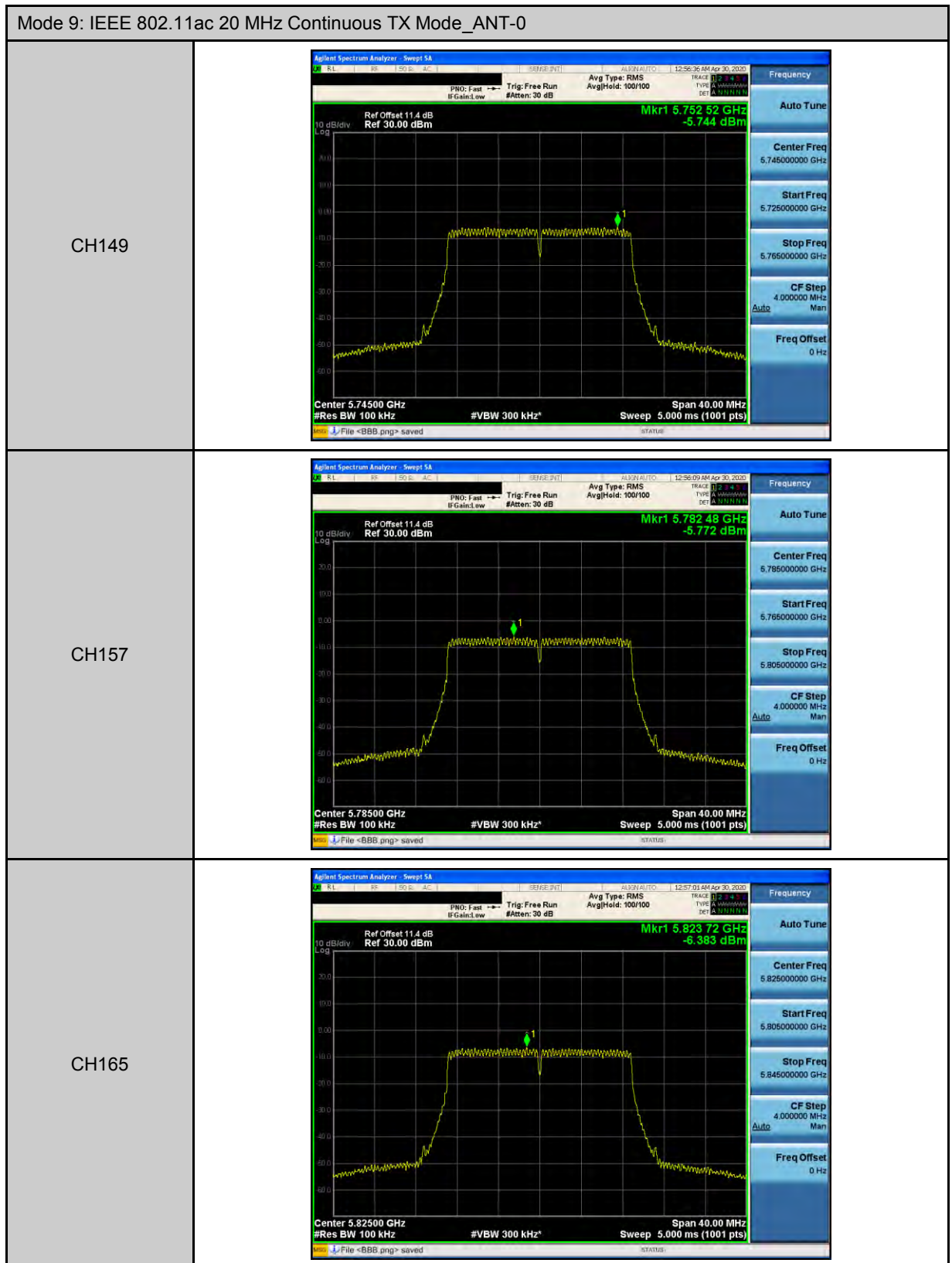


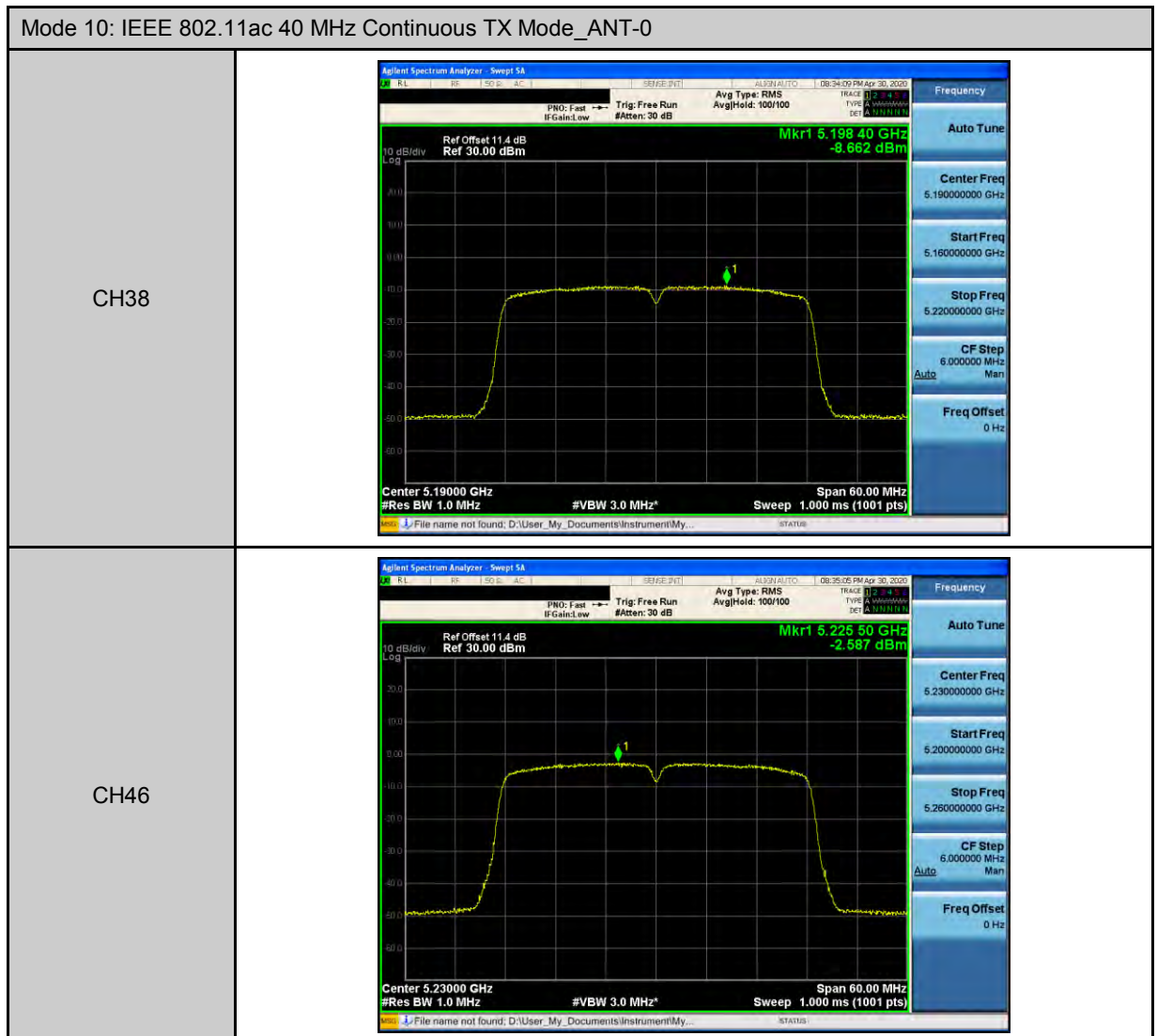
CH40

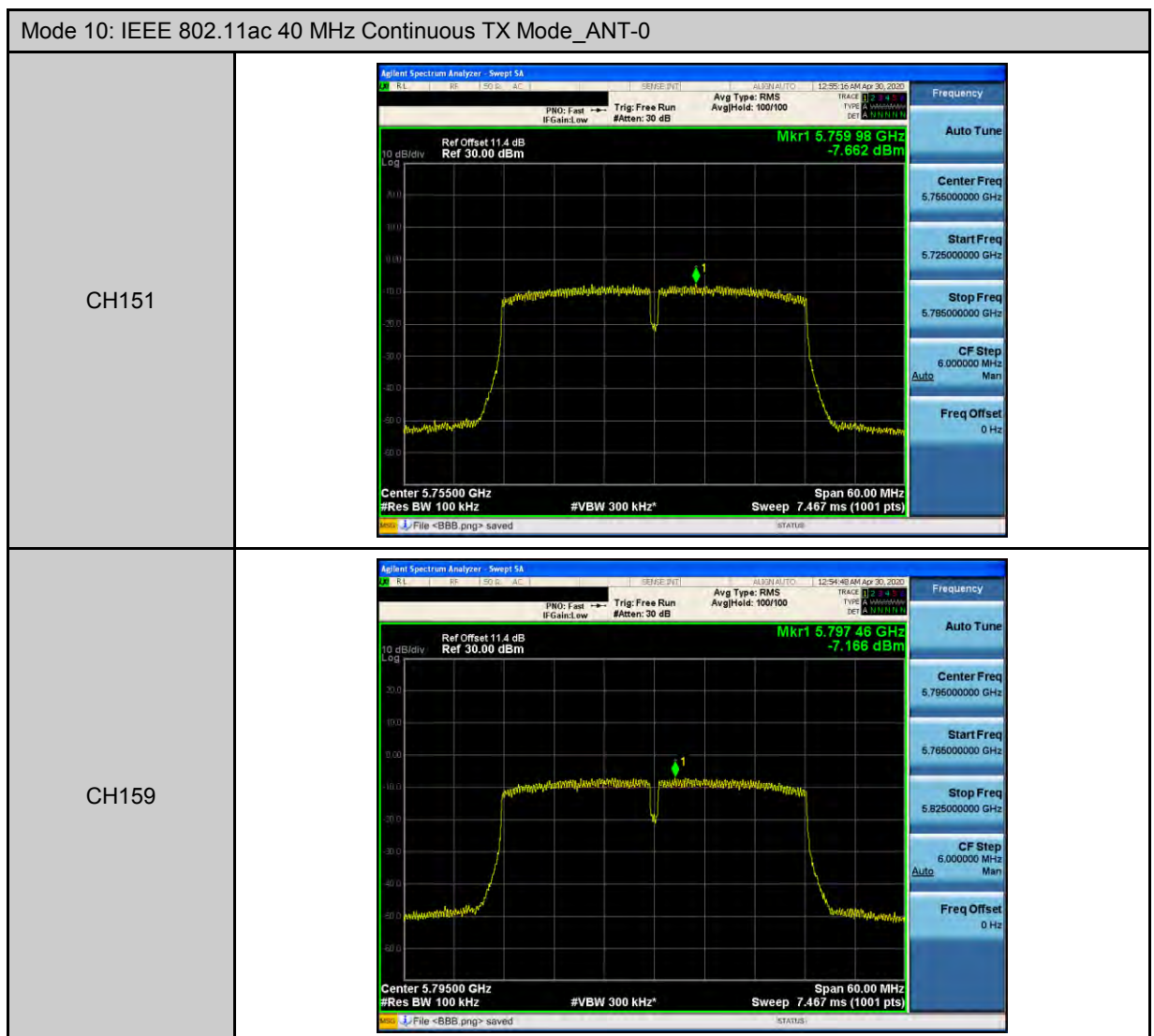


CH48









Mode 11: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-0

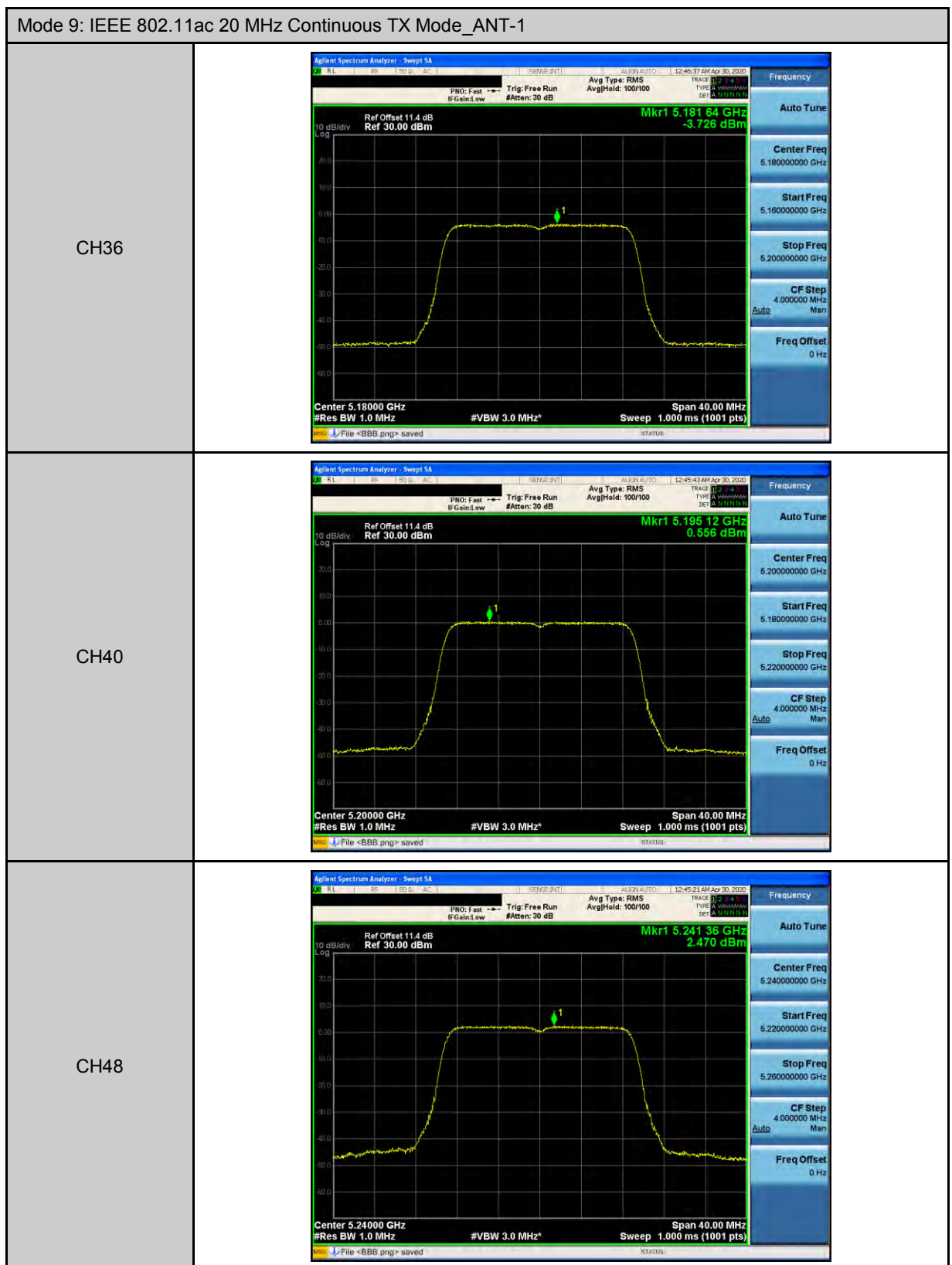
CH42

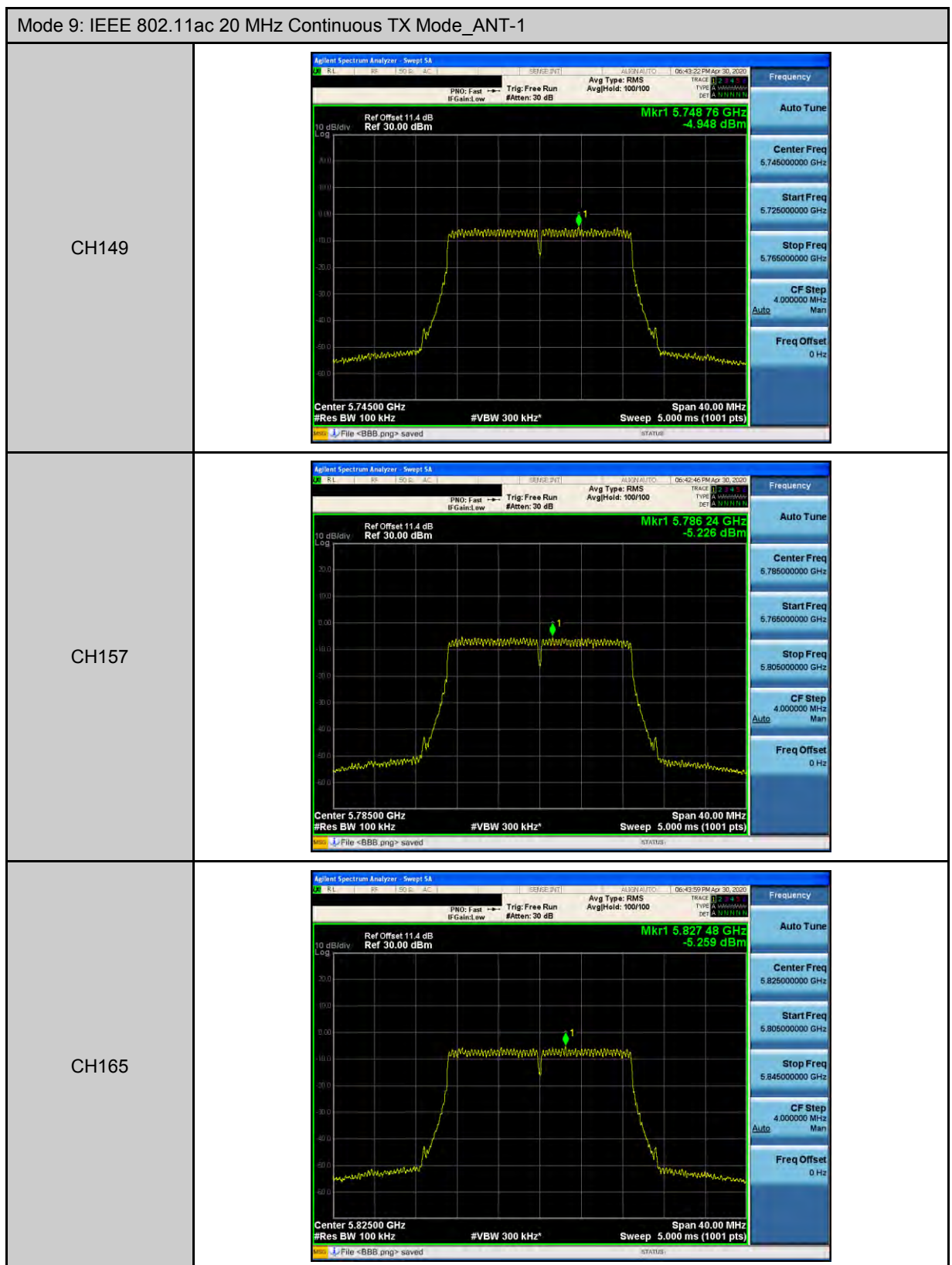


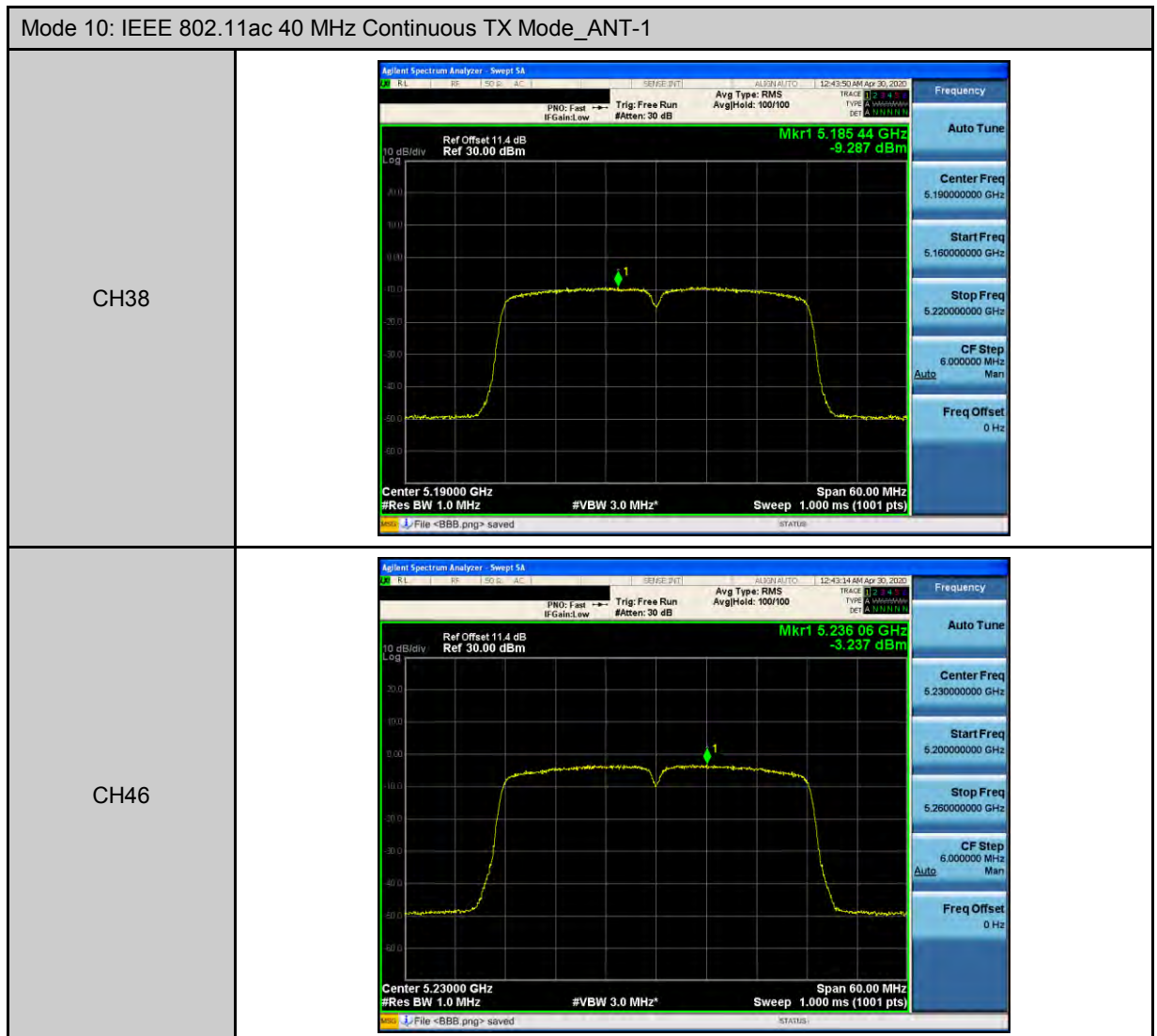
Mode 11: IEEE 802.11ac 80 MHz Continuous TX Mode_ANT-0

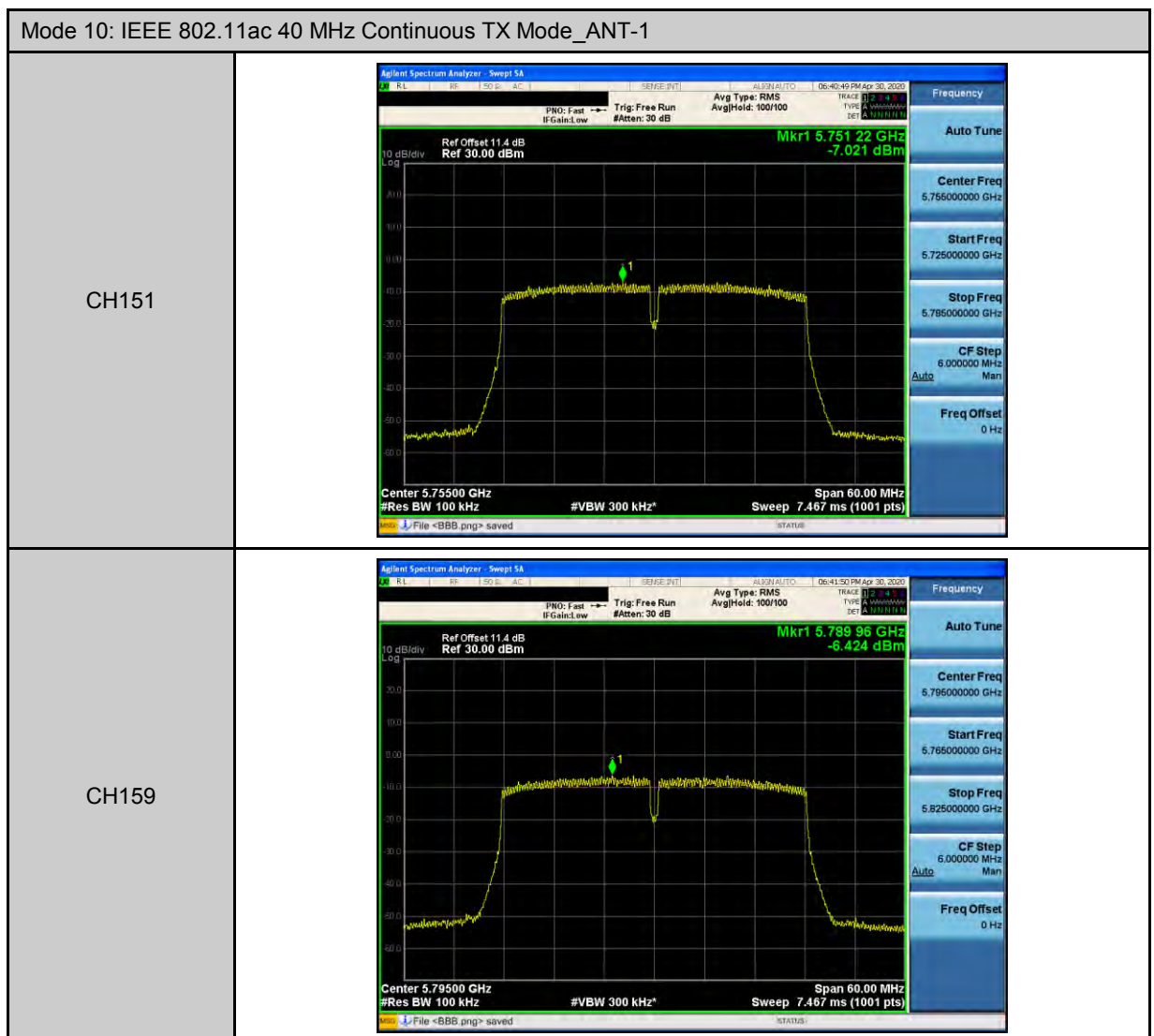
CH155

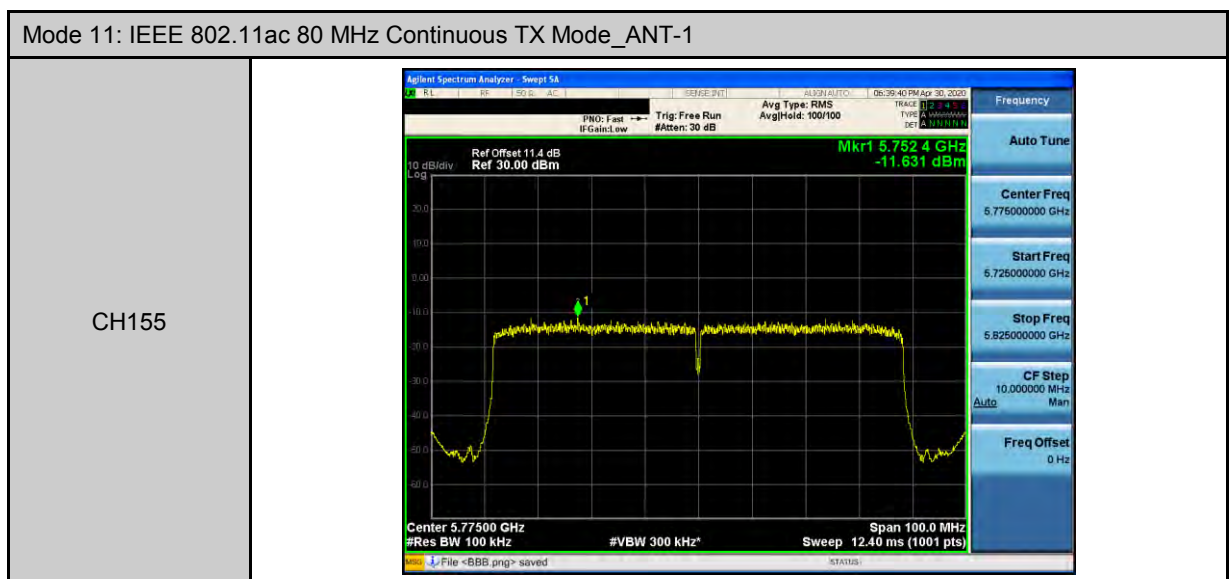
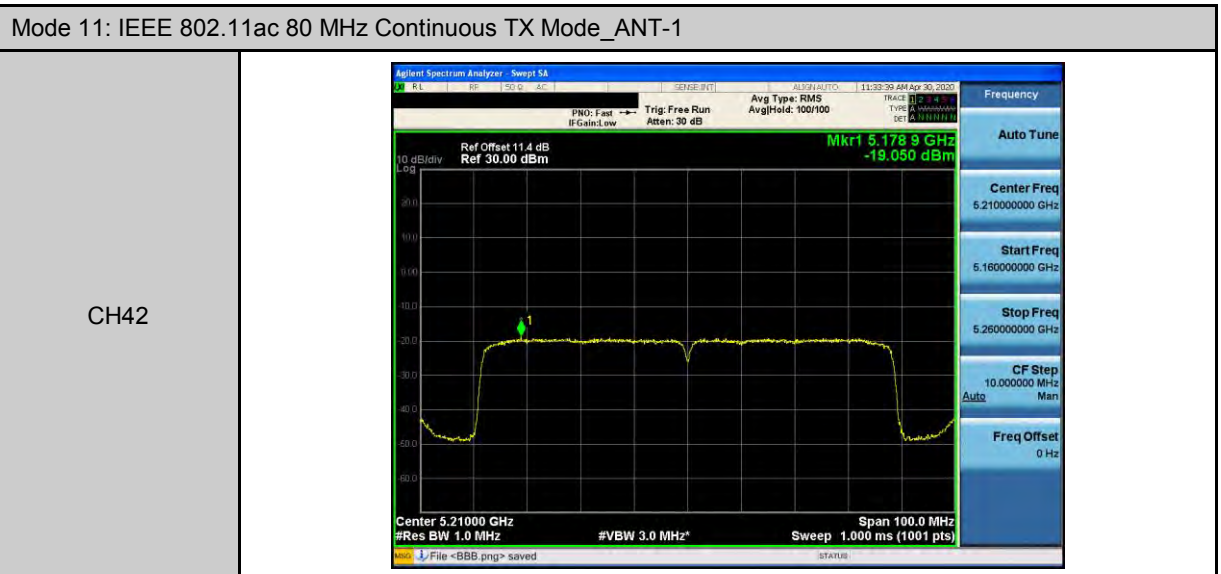










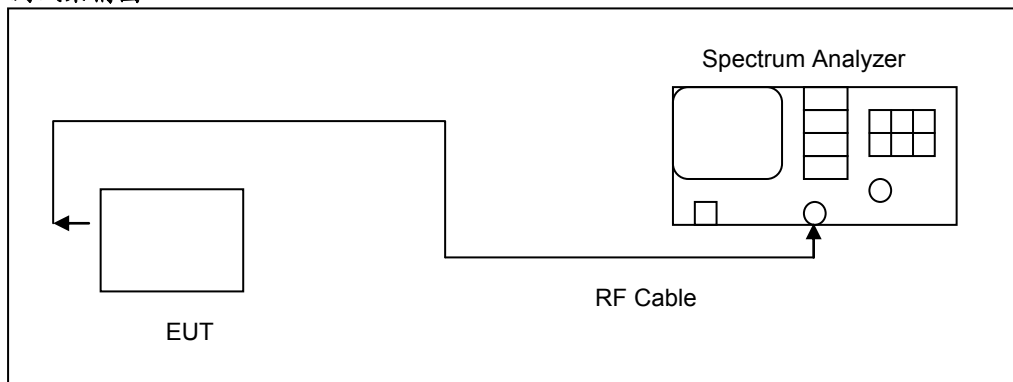


4.3.4 26 dB頻寬之要求

合格標準:

N/A

測試架構圖：



測試結果:

操作模式	: Mode 6 / Mode 9 / Mode 10 / Mode 11
測試結果	: 合格

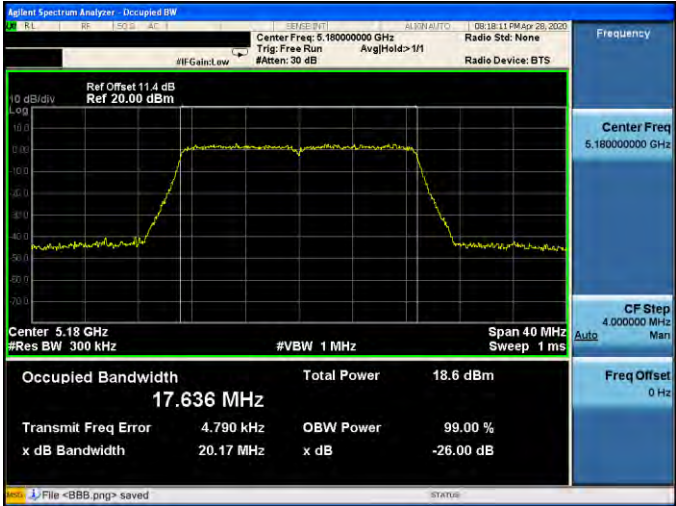
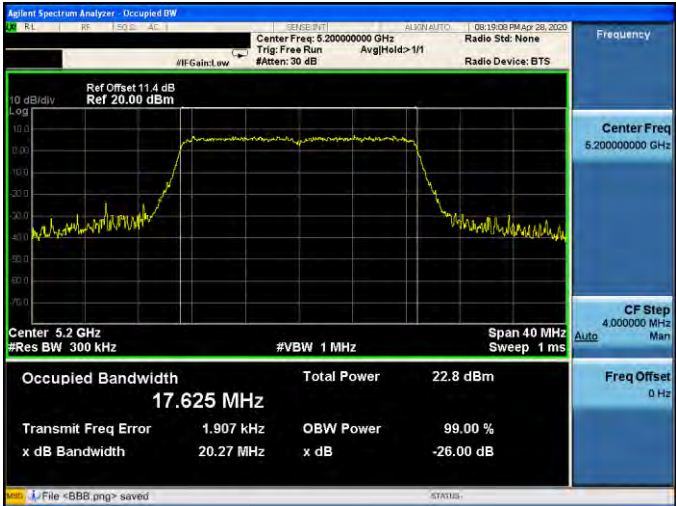
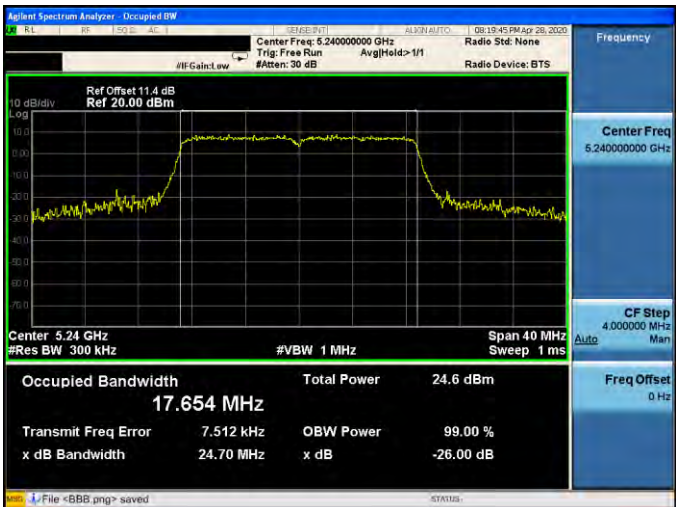
操作模式	頻道 (CH)	頻率 (MHz)	26 dB 頻寬量測值 (MHz)
			ANT-0
Mode 9	36	5180.0	20.170
	40	5200.0	20.270
	48	5240.0	24.700
Mode 10	38	5190.0	39.750
	46	5230.0	39.770
Mode 11	42	5210.0	85.090
操作模式	頻道 (CH)	頻率 (MHz)	26 dB 頻寬量測值 (MHz)
			ANT-1
Mode 6	36	5180.0	19.740
	40	5200.0	19.540
	48	5240.0	19.760
Mode 9	36	5180.0	19.830
	40	5200.0	19.720
	48	5240.0	20.000
Mode 10	38	5190.0	39.770
	46	5230.0	39.540
Mode 11	42	5210.0	92.450

Beamforming on

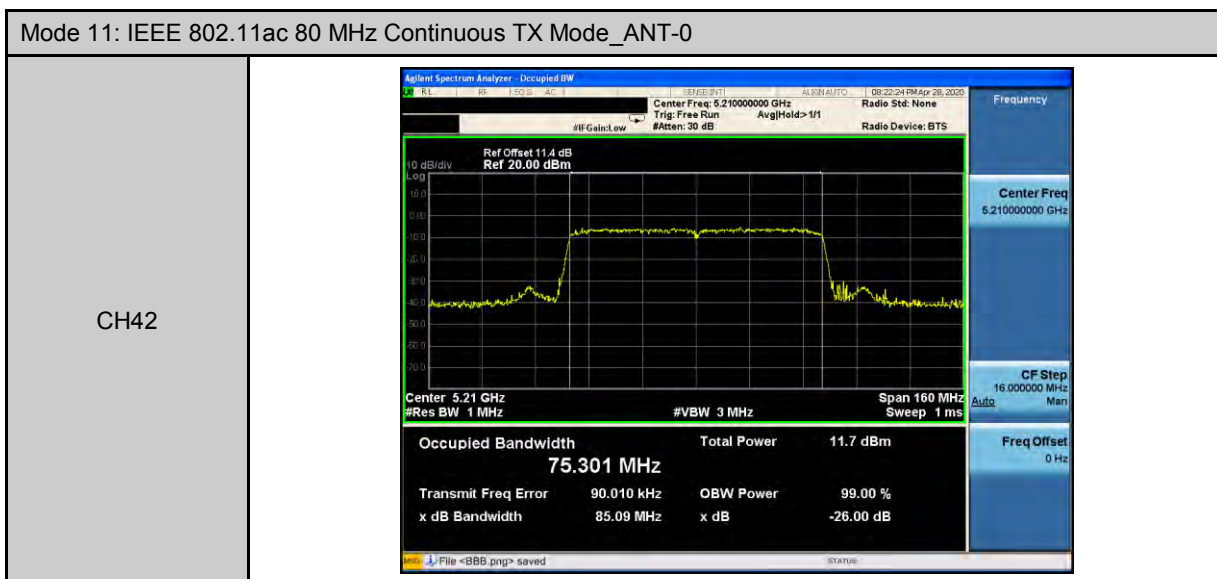
操作模式 : Mode 9 / Mode 10 / Mode 11

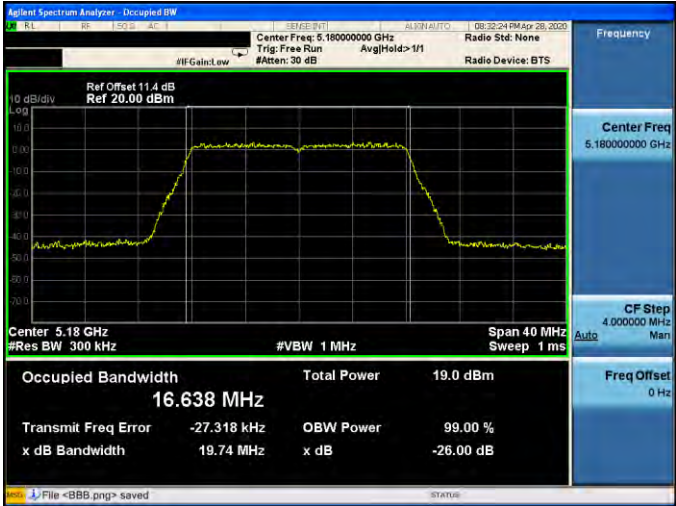
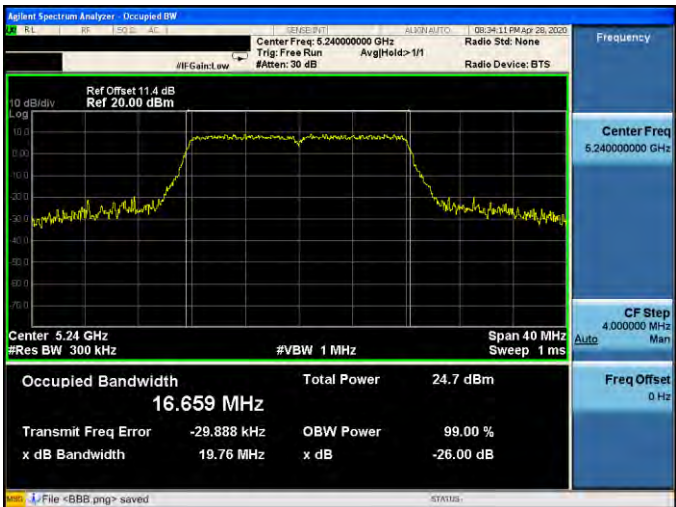
測試結果 : 合格

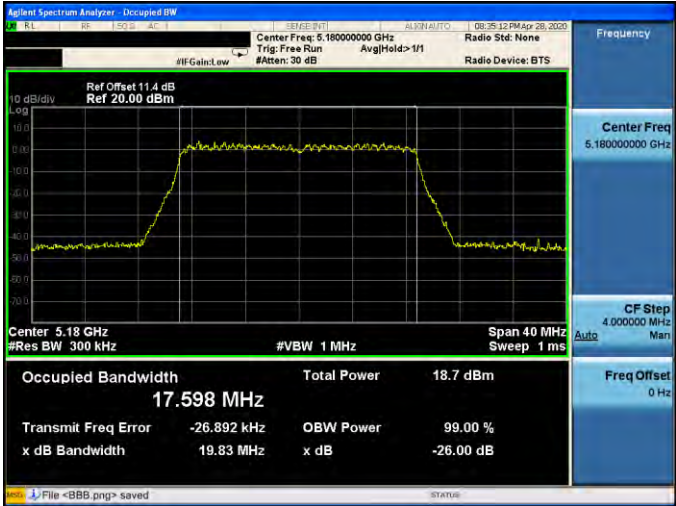
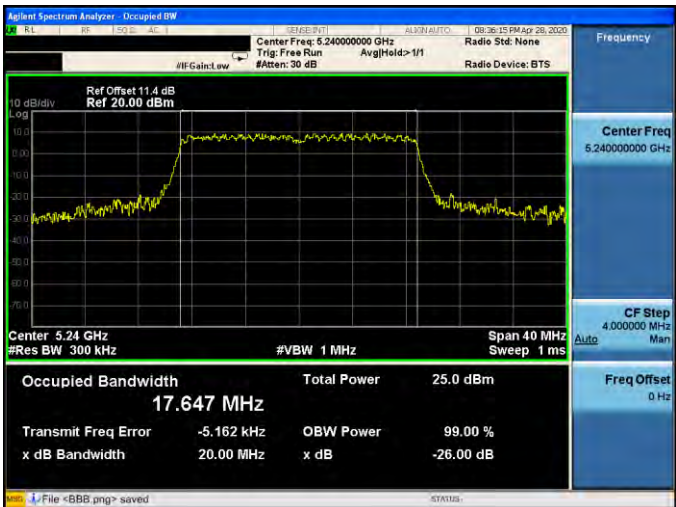
操作模式	頻道 (CH)	頻率 (MHz)	26 dB 頻寬量測值 (MHz)
			ANT-0
Mode 9	36	5180.0	19.980
	40	5200.0	19.870
	48	5240.0	19.980
Mode 10	38	5190.0	39.860
	46	5230.0	39.670
Mode 11	42	5210.0	86.850
操作模式	頻道 (CH)	頻率 (MHz)	26 dB 頻寬量測值 (MHz)
			ANT-1
Mode 9	36	5180.0	19.830
	40	5200.0	19.720
	48	5240.0	20.000
Mode 10	38	5190.0	39.770
	46	5230.0	39.540
Mode 11	42	5210.0	92.450

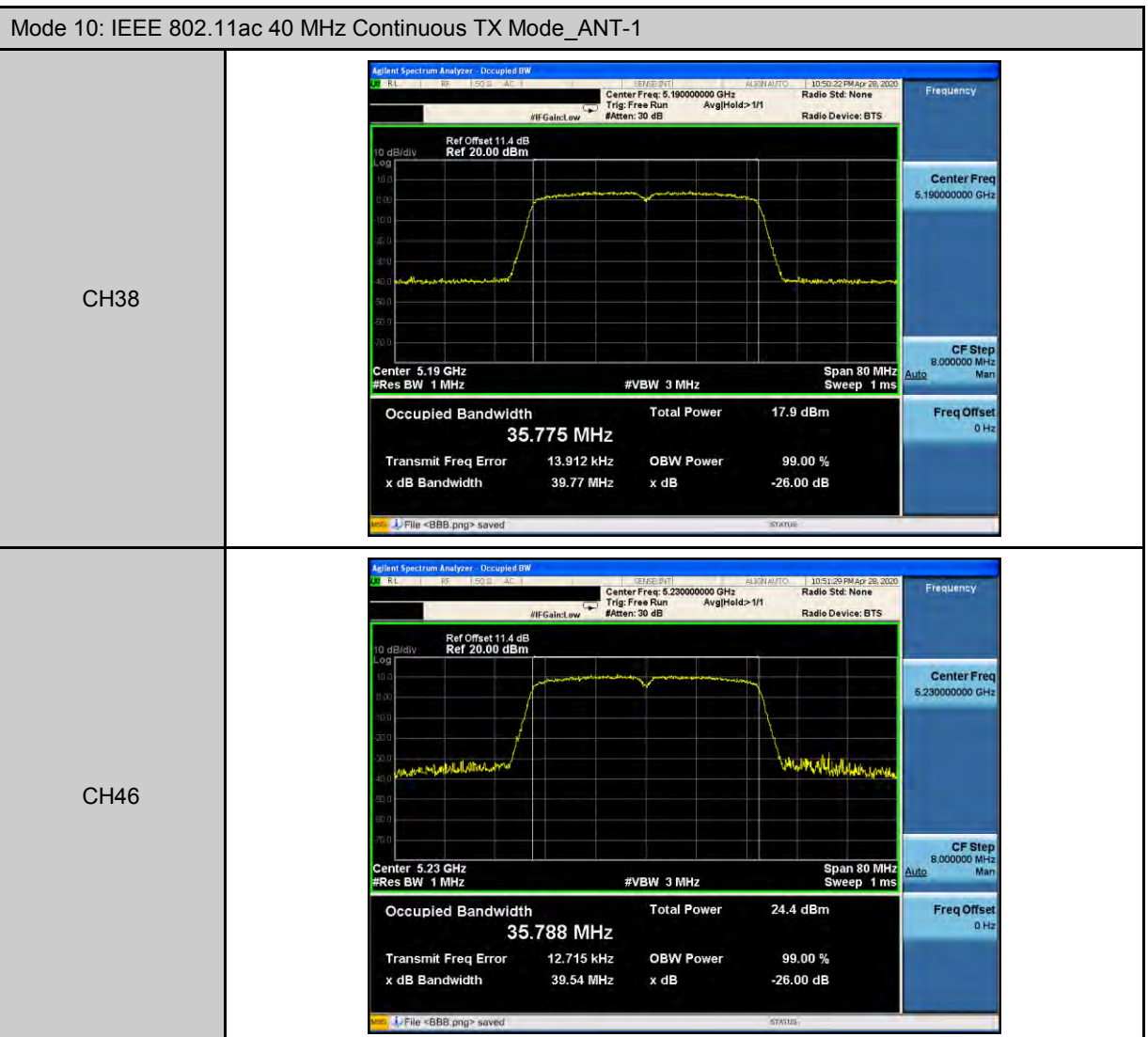
Mode 9: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0	
CH36	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.180000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.18 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 17.636 MHz Total Power 18.6 dBm Transmit Freq Error 4.790 kHz OBW Power 99.00 % x dB Bandwidth 20.17 MHz x dB -26.00 dB Center Freq 5.180000000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz
CH40	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.200000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.2 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 17.625 MHz Total Power 22.8 dBm Transmit Freq Error 1.907 kHz OBW Power 99.00 % x dB Bandwidth 20.27 MHz x dB -26.00 dB Center Freq 5.200000000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz
CH48	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.240000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.24 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 17.654 MHz Total Power 24.6 dBm Transmit Freq Error 7.512 kHz OBW Power 99.00 % x dB Bandwidth 24.70 MHz x dB -26.00 dB Center Freq 5.240000000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz

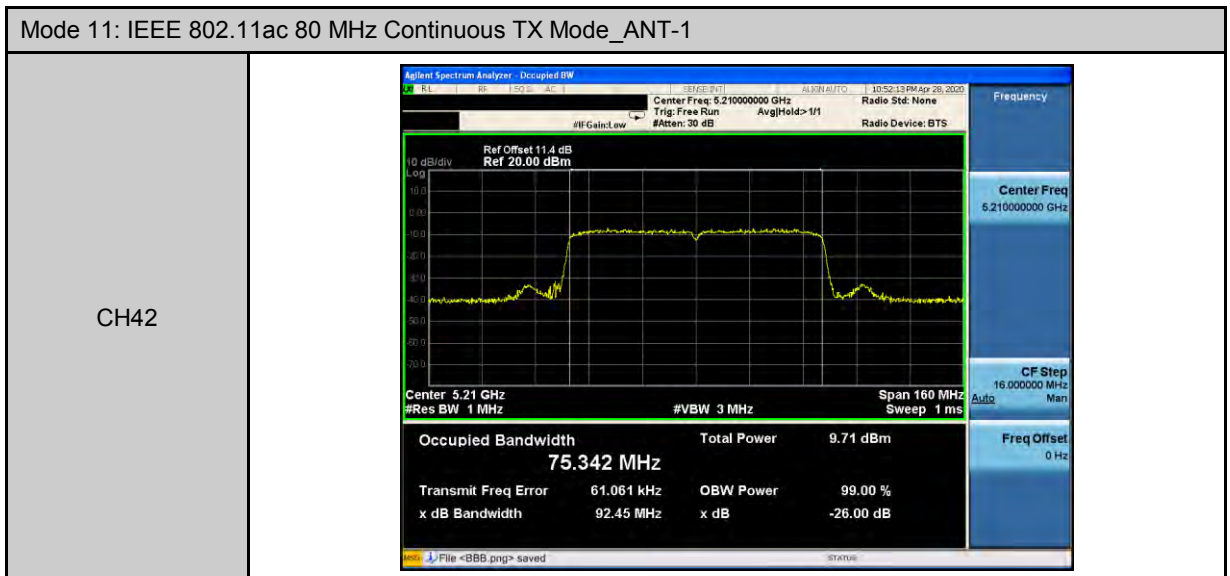




Mode 6: IEEE 802.11a Continuous TX Mode_ANT-1	
CH36	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.180000000 GHz Trig: Free Run AvgHld: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.18 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 16.638 MHz Total Power 19.0 dBm Transmit Freq Error -27.318 kHz OBW Power 99.00 % x dB Bandwidth 19.74 MHz x dB -26.00 dB Center Freq 5.180000000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz File <BBB.png> saved
CH40	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.200000000 GHz Trig: Free Run AvgHld: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.2 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 16.600 MHz Total Power 22.8 dBm Transmit Freq Error -8.745 kHz OBW Power 99.00 % x dB Bandwidth 19.54 MHz x dB -26.00 dB Center Freq 5.200000000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz File <BBB.png> saved
CH48	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.240000000 GHz Trig: Free Run AvgHld: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.24 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 16.659 MHz Total Power 24.7 dBm Transmit Freq Error -29.888 kHz OBW Power 99.00 % x dB Bandwidth 19.76 MHz x dB -26.00 dB Center Freq 5.240000000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz File <BBB.png> saved

Mode 9: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1	
CH36	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.180000000 GHz Trig: Free Run Avg/Hold: > 1/1 Radio Std: None Radio Device: BTS Ref Offset: 11.4 dB Ref: 20.00 dBm Center: 5.18 GHz #Res BW: 300 kHz #VBW: 1 MHz Span: 40 MHz Sweep: 1 ms Occupied Bandwidth: 17.598 MHz Total Power: 18.7 dBm Transmit Freq Error: -26.892 kHz OBW Power: 99.00 % x dB Bandwidth: 19.83 MHz x dB: -26.00 dB Center Freq: 5.180000000 GHz CF Step: 4.000000 MHz Freq Offset: 0 Hz File <BBB.png> saved
CH40	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.200000000 GHz Trig: Free Run Avg/Hold: > 1/1 Radio Std: None Radio Device: BTS Ref Offset: 11.4 dB Ref: 20.00 dBm Center: 5.2 GHz #Res BW: 300 kHz #VBW: 1 MHz Span: 40 MHz Sweep: 1 ms Occupied Bandwidth: 17.619 MHz Total Power: 22.5 dBm Transmit Freq Error: -14.941 kHz OBW Power: 99.00 % x dB Bandwidth: 19.72 MHz x dB: -26.00 dB Center Freq: 5.200000000 GHz CF Step: 4.000000 MHz Freq Offset: 0 Hz File <BBB.png> saved
CH48	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.240000000 GHz Trig: Free Run Avg/Hold: > 1/1 Radio Std: None Radio Device: BTS Ref Offset: 11.4 dB Ref: 20.00 dBm Center: 5.24 GHz #Res BW: 300 kHz #VBW: 1 MHz Span: 40 MHz Sweep: 1 ms Occupied Bandwidth: 17.647 MHz Total Power: 25.0 dBm Transmit Freq Error: -5.162 kHz OBW Power: 99.00 % x dB Bandwidth: 20.00 MHz x dB: -26.00 dB Center Freq: 5.240000000 GHz CF Step: 4.000000 MHz Freq Offset: 0 Hz File <BBB.png> saved

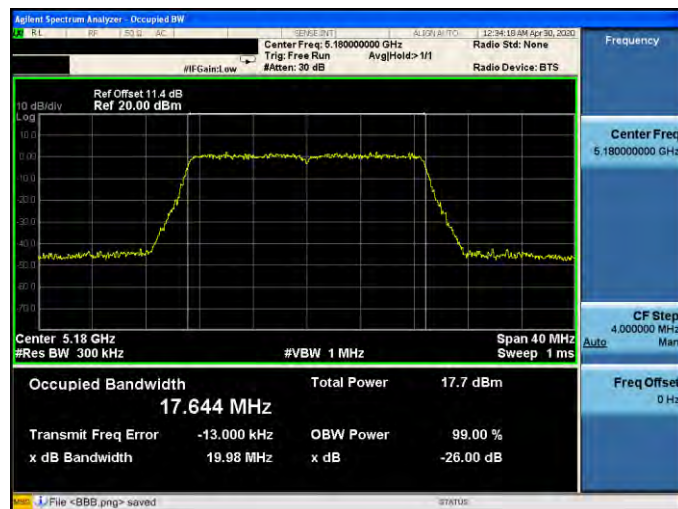




Beamforming on

Mode 9: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

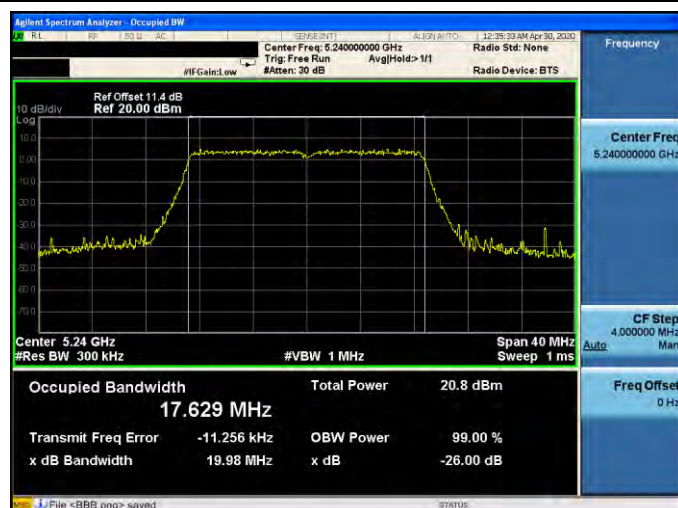
CH36

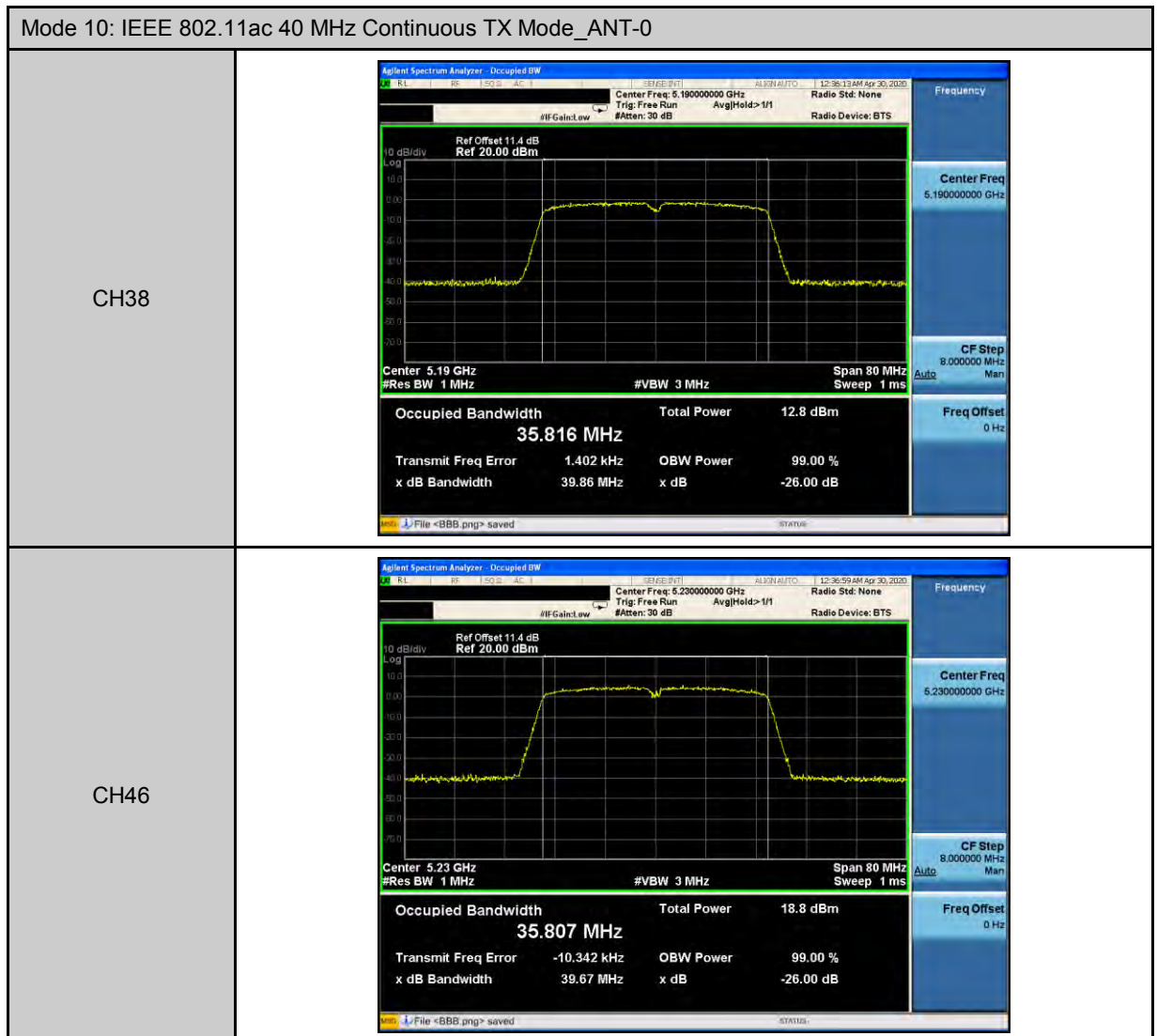


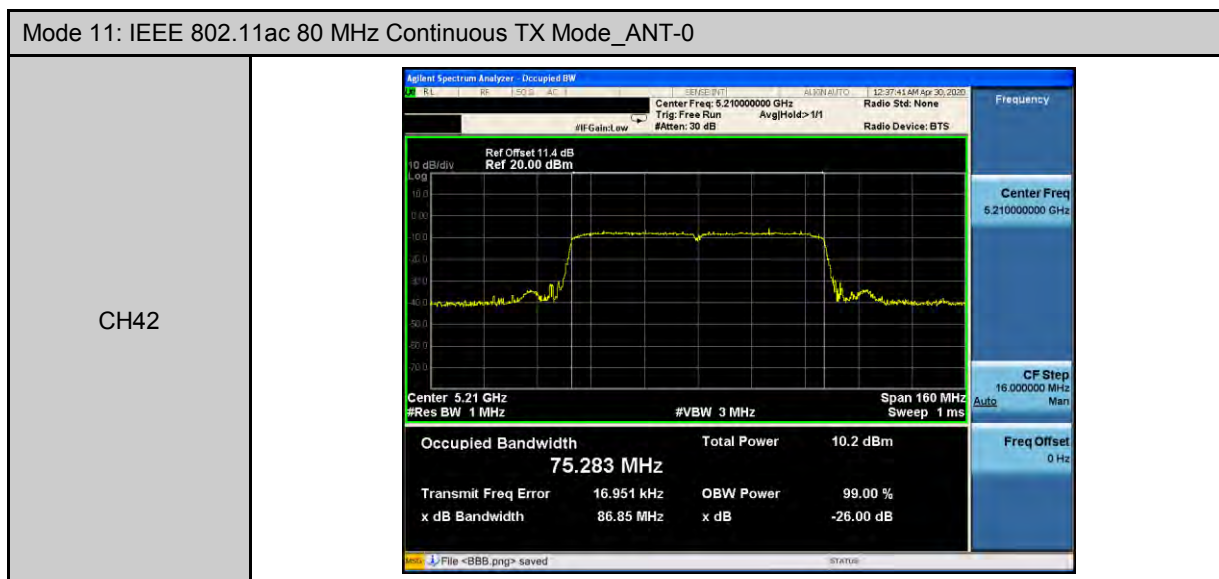
CH40

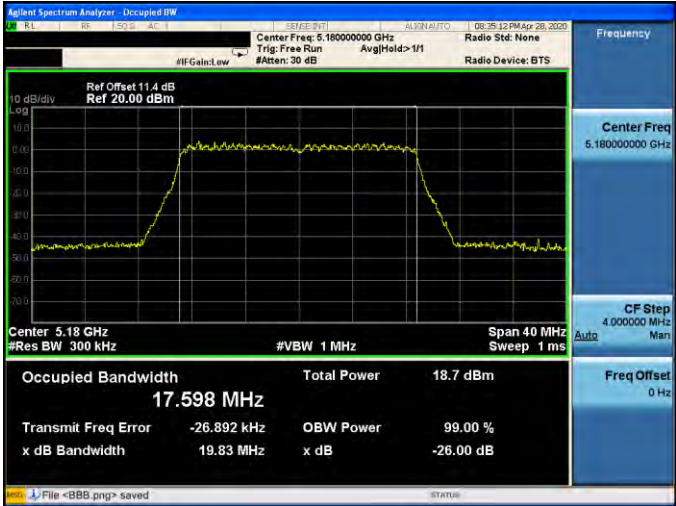
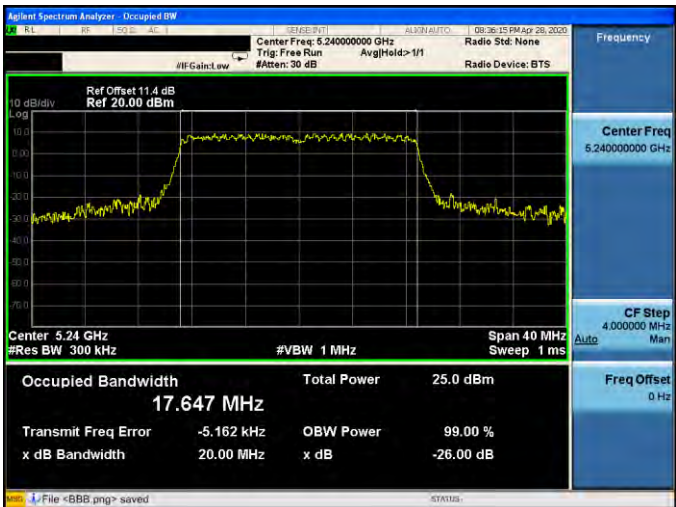


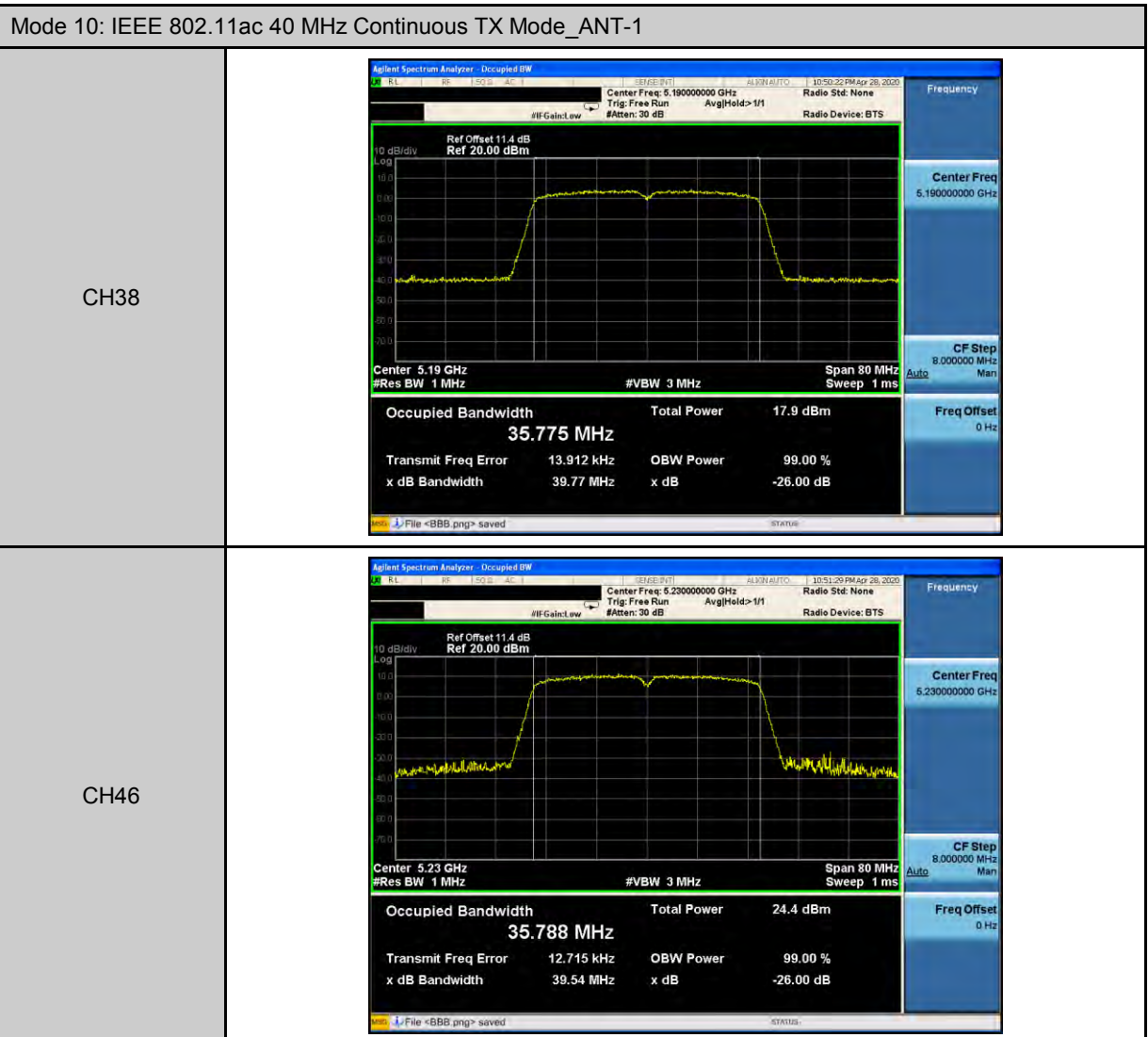
CH48

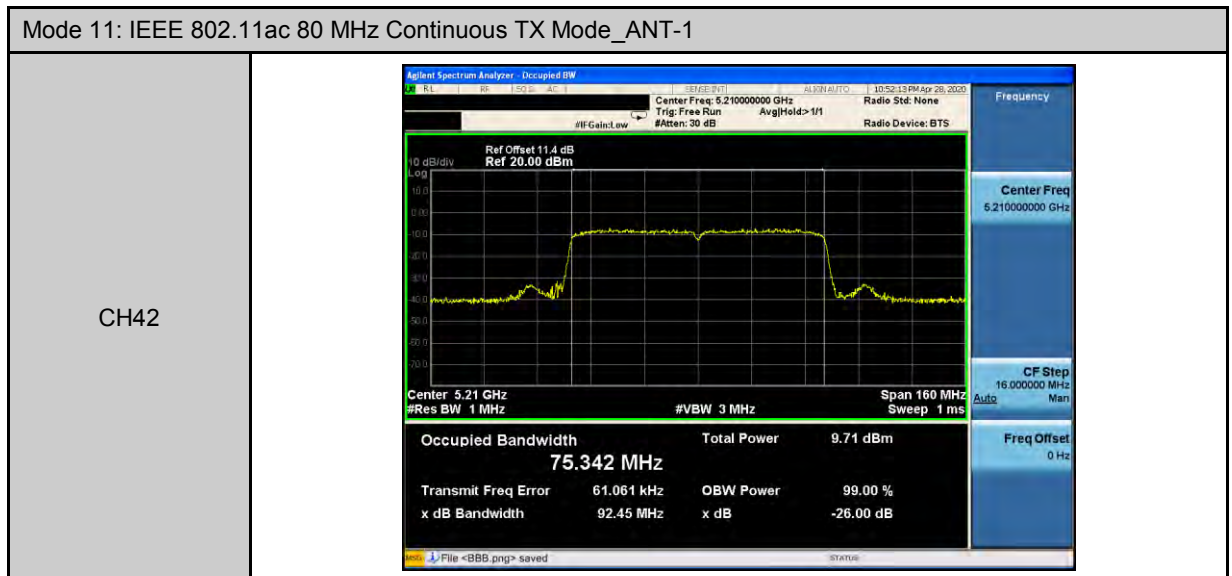






Mode 9: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1	
CH36	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.180000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.18 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 17.598 MHz Total Power 18.7 dBm Transmit Freq Error -26.892 kHz OBW Power 99.00 % x dB Bandwidth 19.83 MHz x dB -26.00 dB Center Freq 5.180000000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz File <BBB.png> saved
CH40	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.200000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.2 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 17.619 MHz Total Power 22.5 dBm Transmit Freq Error -14.941 kHz OBW Power 99.00 % x dB Bandwidth 19.72 MHz x dB -26.00 dB Center Freq 5.200000000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz File <BBB.png> saved
CH48	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.240000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.24 GHz #Res BW 300 kHz #VBW 1 MHz Span 40 MHz Sweep 1 ms Occupied Bandwidth 17.647 MHz Total Power 25.0 dBm Transmit Freq Error -5.162 kHz OBW Power 99.00 % x dB Bandwidth 20.00 MHz x dB -26.00 dB Center Freq 5.240000000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz File <BBB.png> saved



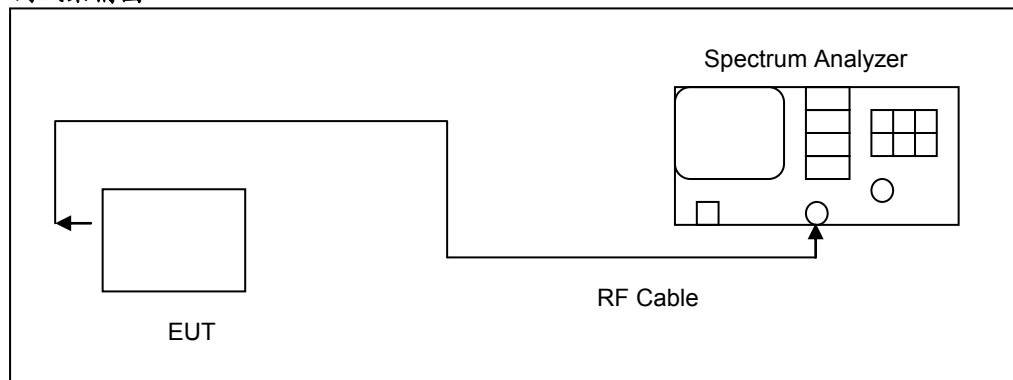


4.3.5 6 dB頻寬之要求

合格標準：

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

測試架構圖：



測試結果:

操作模式	: Mode 6 / Mode 9 / Mode 10 / Mode 11
測試結果	: 合格

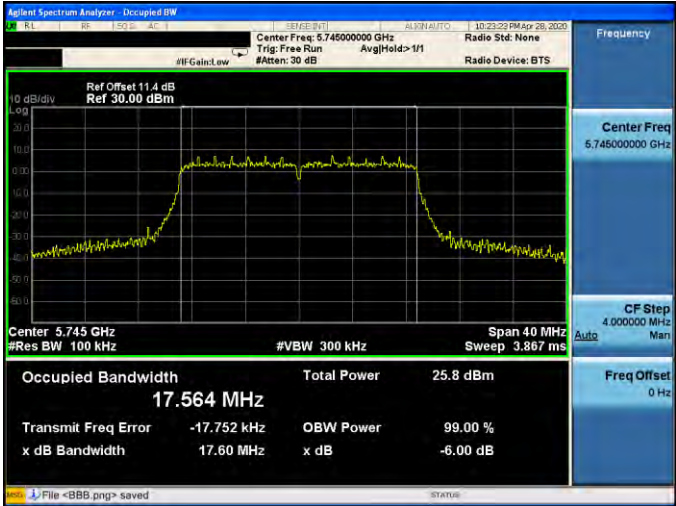
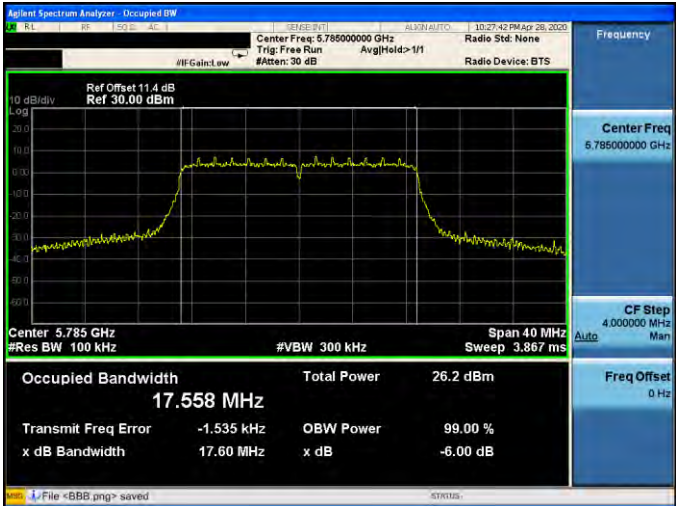
操作模式	頻道 (CH)	頻率 (MHz)	6 dB 頻寬量測值 (kHz)	限制值 (kHz)
			ANT-0	
Mode 9	149	5745.0	17600	≥ 500
	157	5785.0	17600	≥ 500
	165	5825.0	17590	≥ 500
Mode 10	151	5755.0	33320	≥ 500
	159	5795.0	33870	≥ 500
Mode 11	155	5775.0	74010	≥ 500
操作模式	頻道 (CH)	頻率 (MHz)	6 dB 頻寬量測值 (kHz)	限制值 (kHz)
			ANT-1	
Mode 6	149	5745.0	16410	≥ 500
	157	5785.0	16410	≥ 500
	165	5825.0	16390	≥ 500
Mode 9	149	5745.0	17650	≥ 500
	157	5785.0	17620	≥ 500
	165	5825.0	17640	≥ 500
Mode 10	151	5755.0	34490	≥ 500
	159	5795.0	34700	≥ 500
Mode 11	155	5775.0	75270	≥ 500

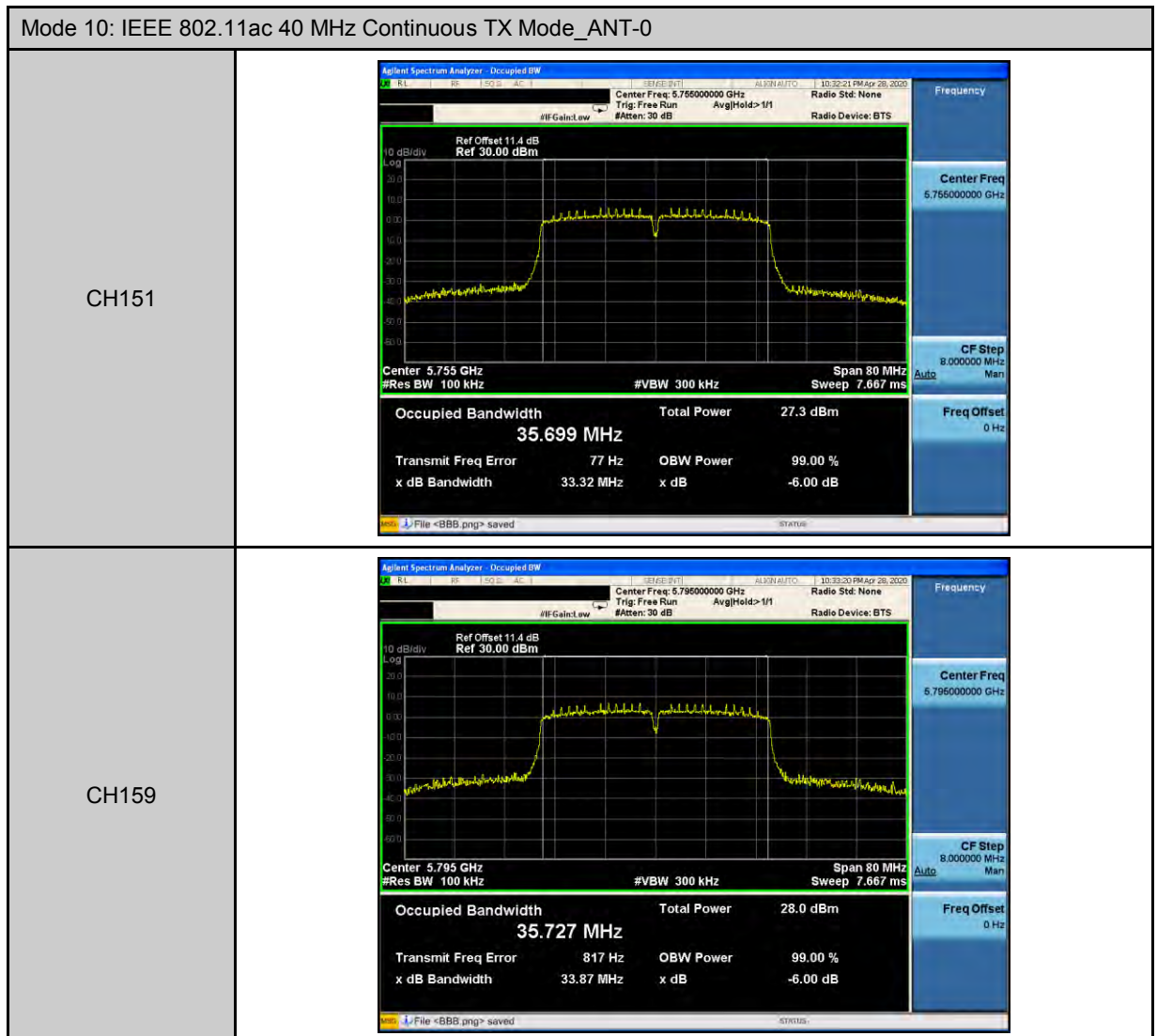
Beamforming on

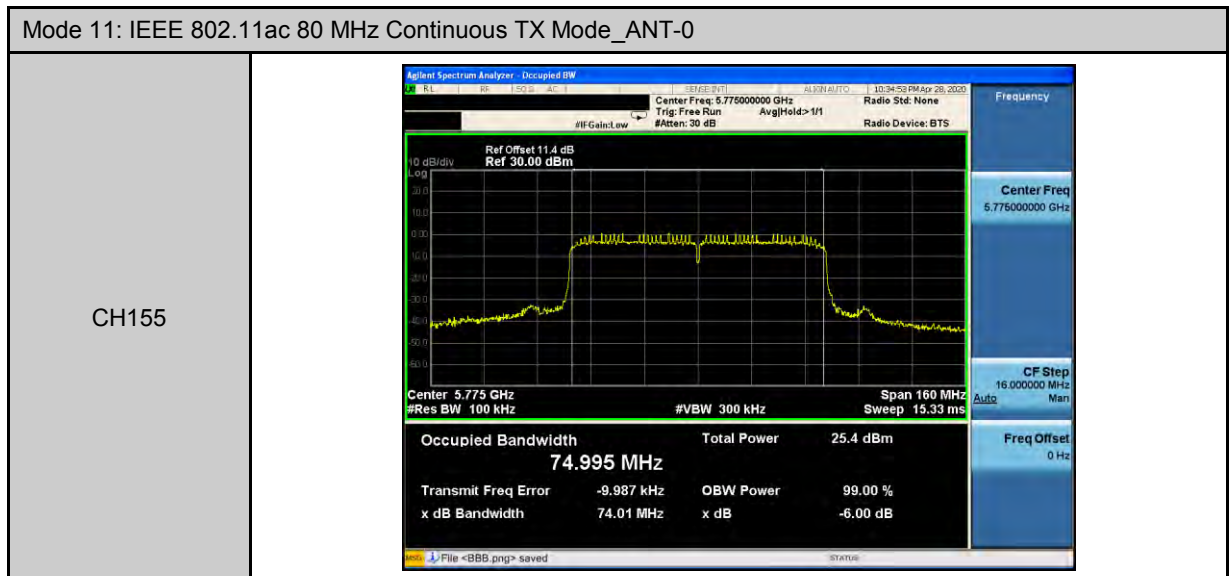
操作模式 : Mode 9 / Mode 10 / Mode 11

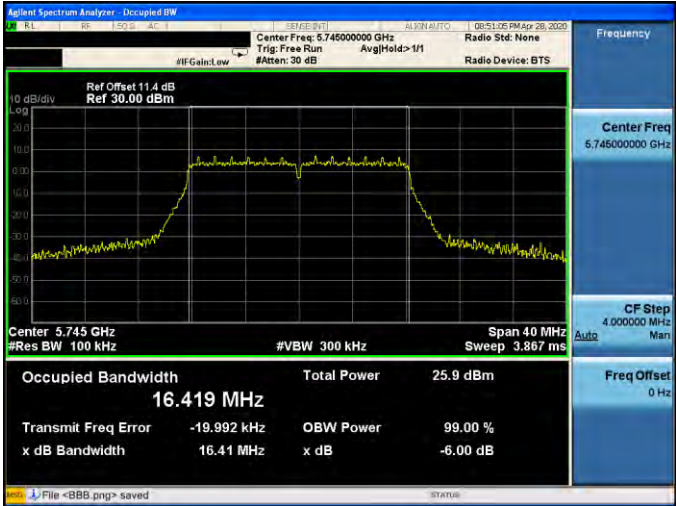
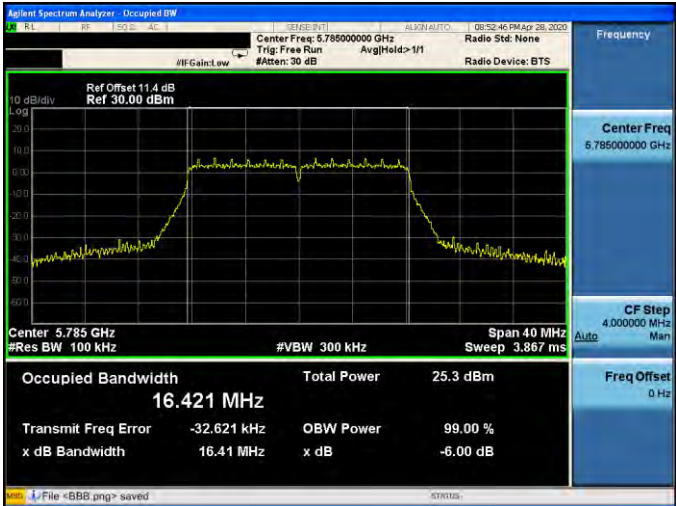
測試結果 : 合格

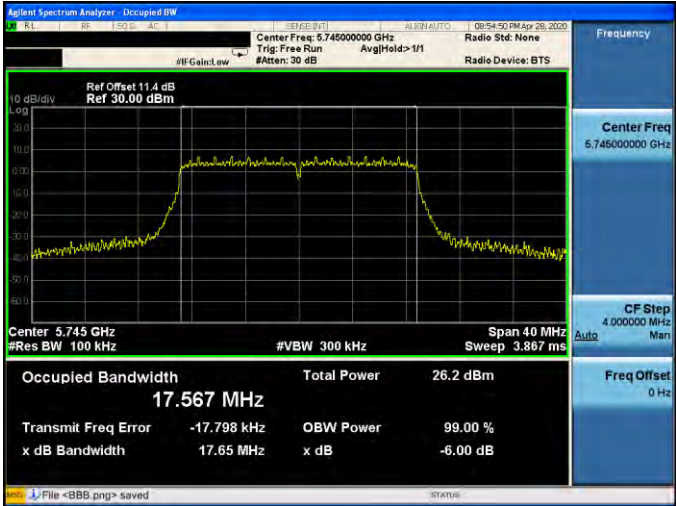
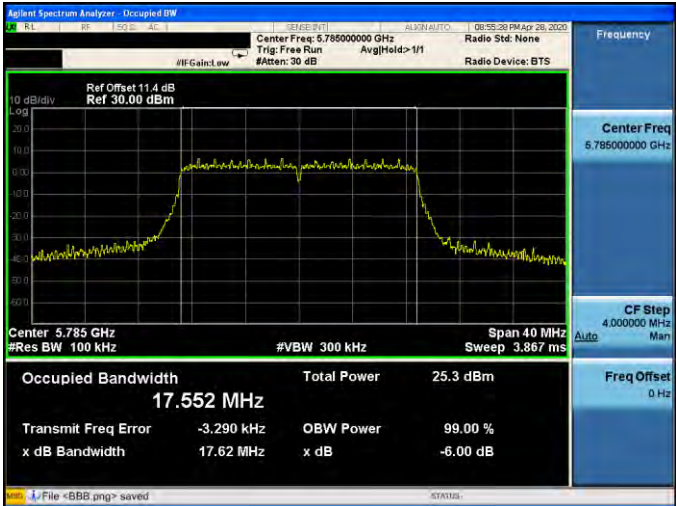
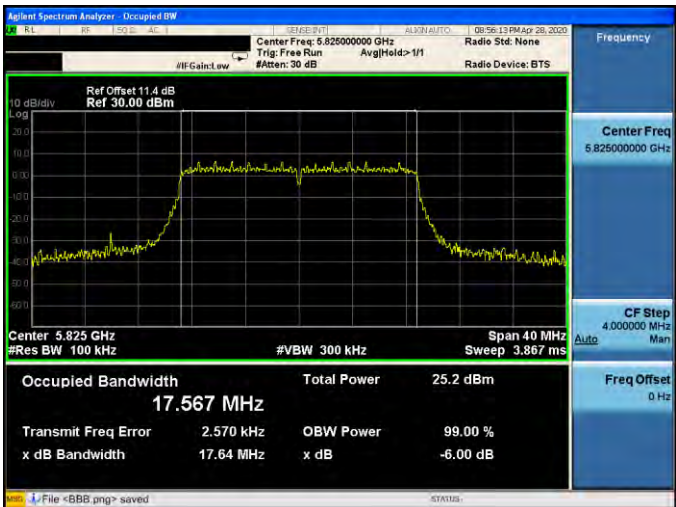
操作模式	頻道 (CH)	頻率 (MHz)	6 dB 頻寬量測值 (kHz)	限制值 (kHz)
			ANT-0	
Mode 9	149	5745.0	17590	≥ 500
	157	5785.0	17590	≥ 500
	165	5825.0	17590	≥ 500
Mode 10	151	5755.0	32980	≥ 500
	159	5795.0	33890	≥ 500
Mode 11	155	5775.0	75070	≥ 500
操作模式	頻道 (CH)	頻率 (MHz)	6 dB 頻寬量測值 (kHz)	限制值 (kHz)
			ANT-1	
Mode 9	149	5745.0	17630	≥ 500
	157	5785.0	17610	≥ 500
	165	5825.0	17620	≥ 500
Mode 10	151	5755.0	34550	≥ 500
	159	5795.0	34120	≥ 500
Mode 11	155	5775.0	75080	≥ 500

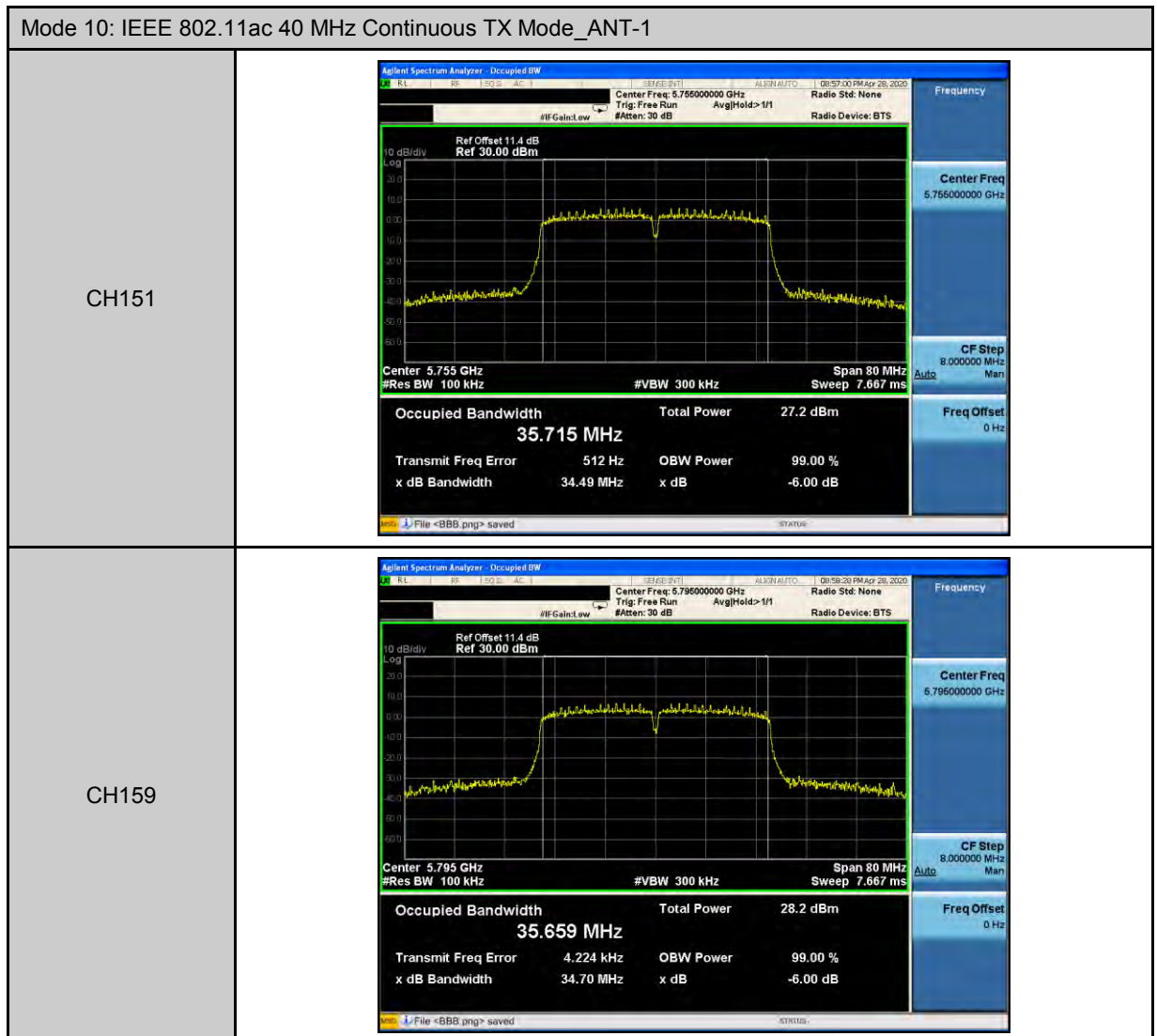
Mode 9: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0	
CH149	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 30.00 dBm 10 dB/div Log Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 17.564 MHz Total Power 25.8 dBm Transmit Freq Error -17.752 kHz OBW Power 99.00 % x dB Bandwidth 17.60 MHz x dB -6.00 dB File <BBB.png> saved STATUS Frequency Center Freq 5.745000000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
CH157	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 30.00 dBm 10 dB/div Log Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 17.558 MHz Total Power 26.2 dBm Transmit Freq Error -1.535 kHz OBW Power 99.00 % x dB Bandwidth 17.60 MHz x dB -6.00 dB File <BBB.png> saved STATUS Frequency Center Freq 5.785000000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz
CH165	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 30.00 dBm 10 dB/div Log Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 17.556 MHz Total Power 25.6 dBm Transmit Freq Error 8.836 kHz OBW Power 99.00 % x dB Bandwidth 17.59 MHz x dB -6.00 dB File <BBB.png> saved STATUS Frequency Center Freq 5.825000000 GHz CF Step 4.000000 MHz Auto Man Freq Offset 0 Hz

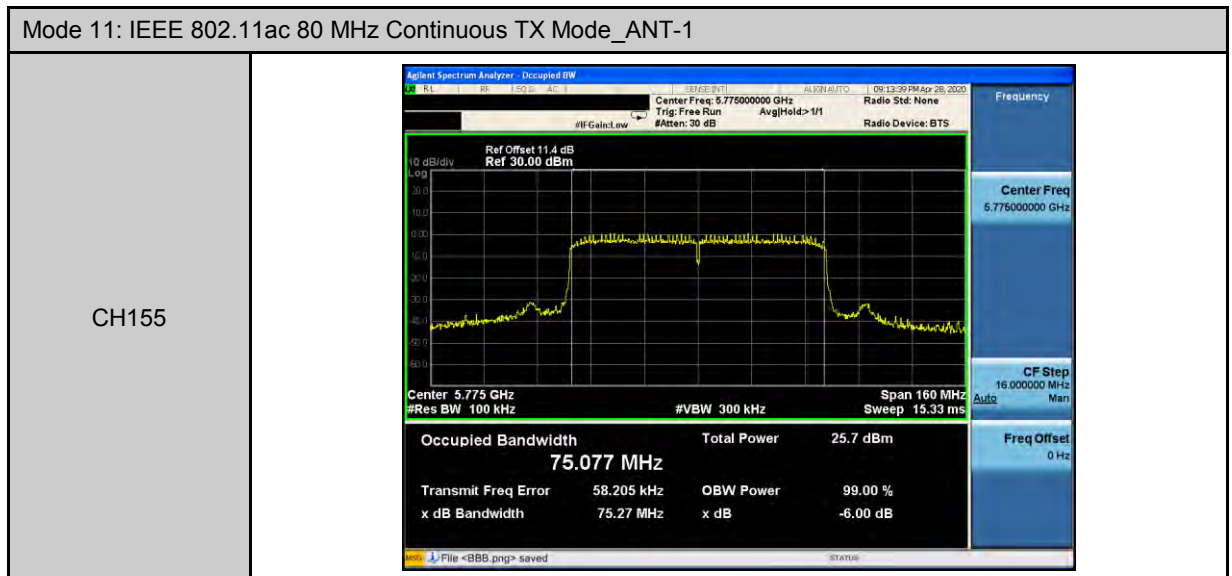




Mode 6: IEEE 802.11a Continuous TX Mode_ANT-1	
CH149	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Trig: Free Run Avg/Hold: > 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 30.00 dBm Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 16.419 MHz Total Power 25.9 dBm Transmit Freq Error -19.992 kHz OBW Power 99.00 % x dB Bandwidth 16.41 MHz x dB -6.00 dB Center Freq 5.745000000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz File <BBB.png> saved
CH157	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Trig: Free Run Avg/Hold: > 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 30.00 dBm Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 16.421 MHz Total Power 25.3 dBm Transmit Freq Error -32.621 kHz OBW Power 99.00 % x dB Bandwidth 16.41 MHz x dB -6.00 dB Center Freq 5.785000000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz File <BBB.png> saved
CH165	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Trig: Free Run Avg/Hold: > 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 30.00 dBm Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 16.410 MHz Total Power 24.5 dBm Transmit Freq Error -32.721 kHz OBW Power 99.00 % x dB Bandwidth 16.39 MHz x dB -6.00 dB Center Freq 5.825000000 GHz CF Step 4.000000 MHz Freq Offset 0 Hz File <BBB.png> saved

Mode 9: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1	
CH149	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 30.00 dBm Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 17.567 MHz Total Power 26.2 dBm Transmit Freq Error -17.798 kHz OBW Power 99.00 % x dB Bandwidth 17.65 MHz x dB -6.00 dB File <BBB.png> saved
CH157	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 30.00 dBm Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 17.552 MHz Total Power 25.3 dBm Transmit Freq Error -3.290 kHz OBW Power 99.00 % x dB Bandwidth 17.62 MHz x dB -6.00 dB File <BBB.png> saved
CH165	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Trig: Free Run Avg/Hold: 1/1 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 30.00 dBm Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 17.567 MHz Total Power 25.2 dBm Transmit Freq Error 2.570 kHz OBW Power 99.00 % x dB Bandwidth 17.64 MHz x dB -6.00 dB File <BBB.png> saved

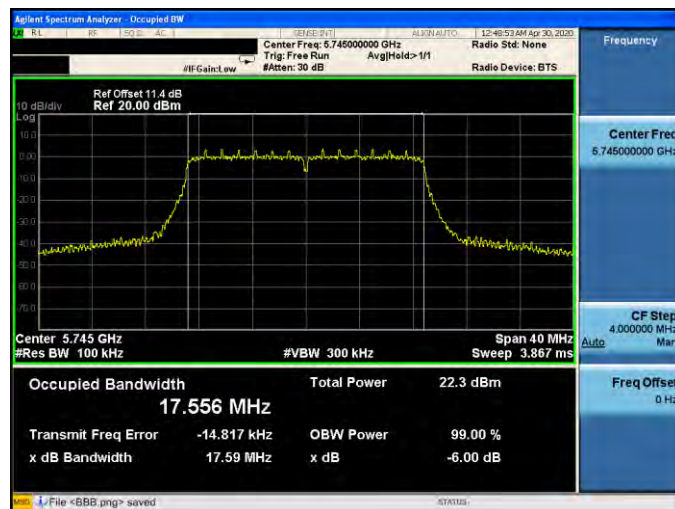




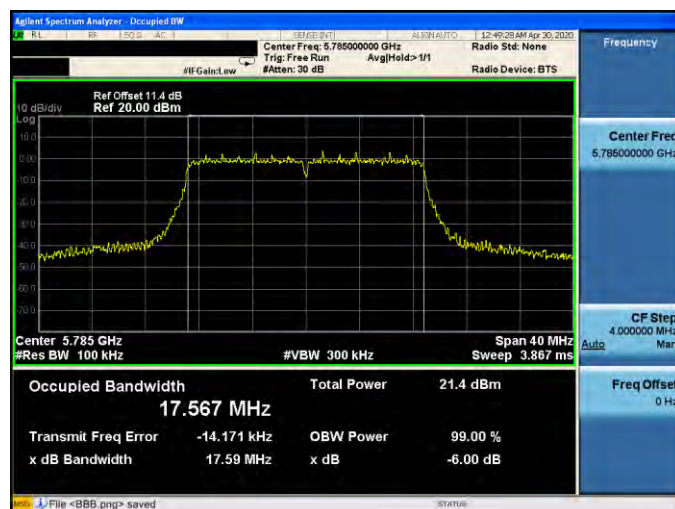
Beamforming on

Mode 9: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-0

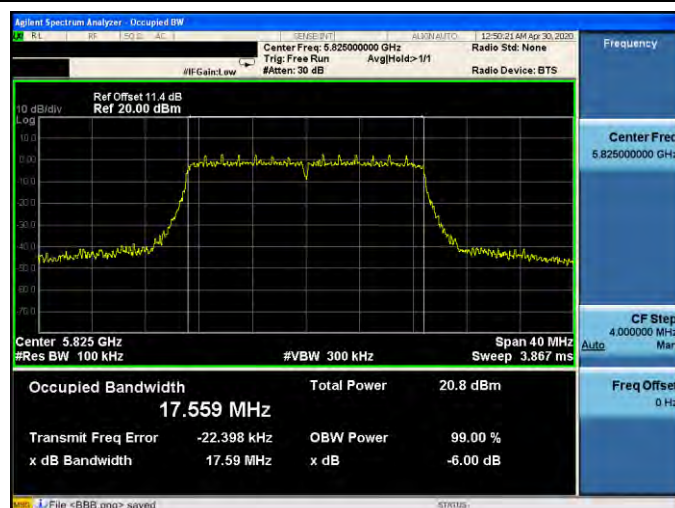
CH149

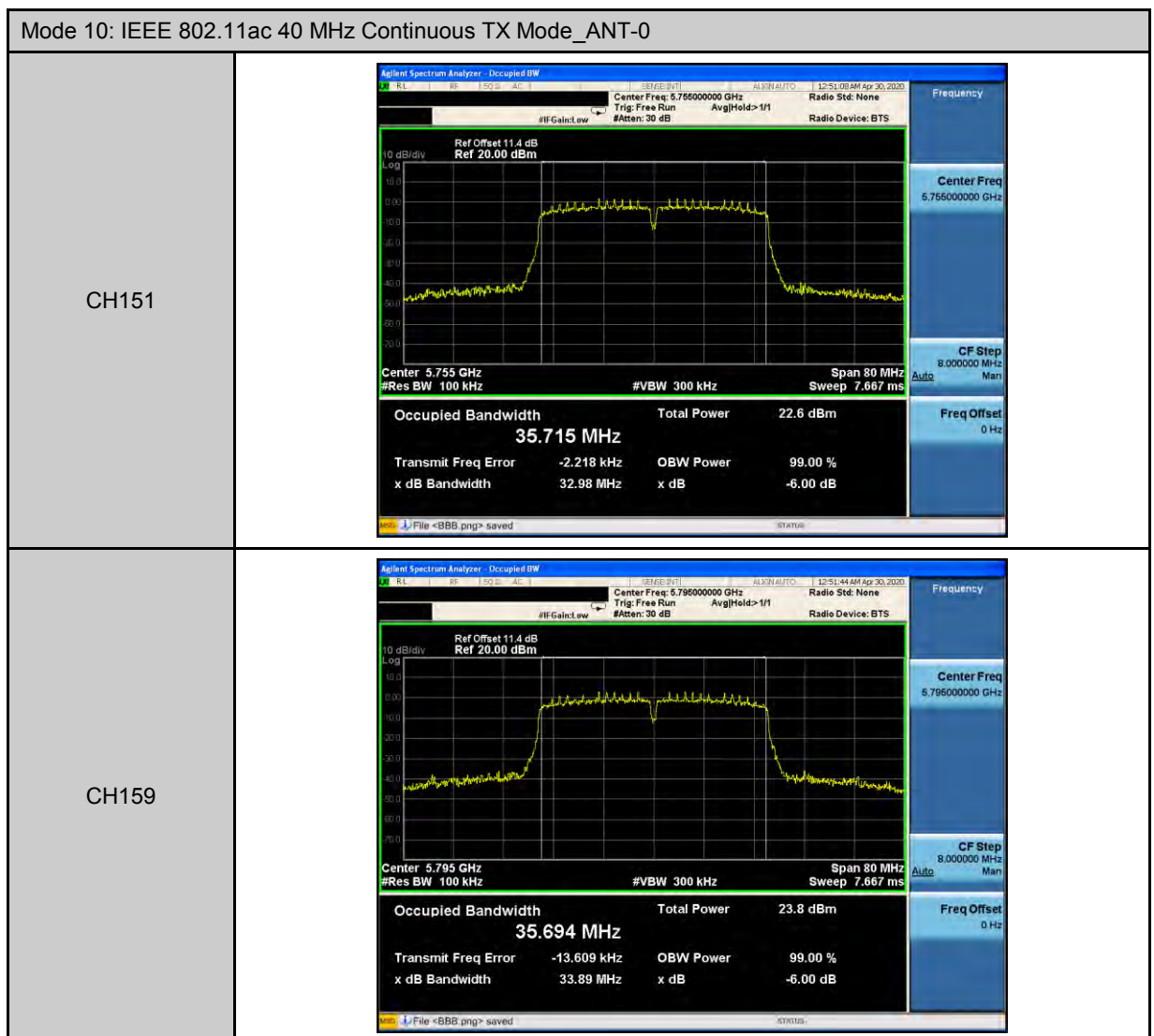


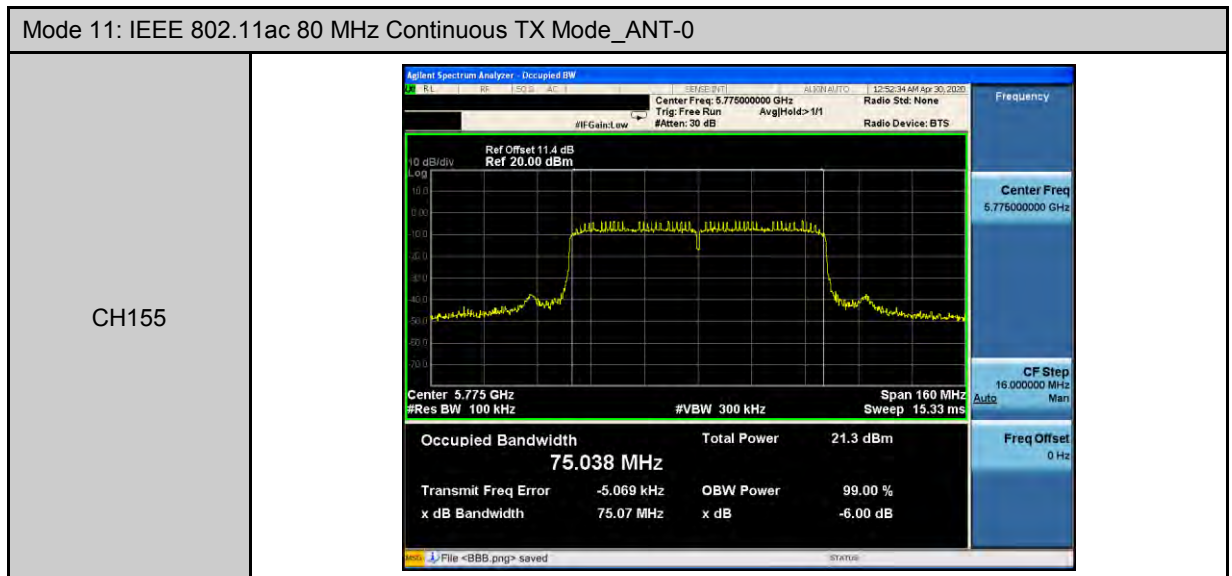
CH157



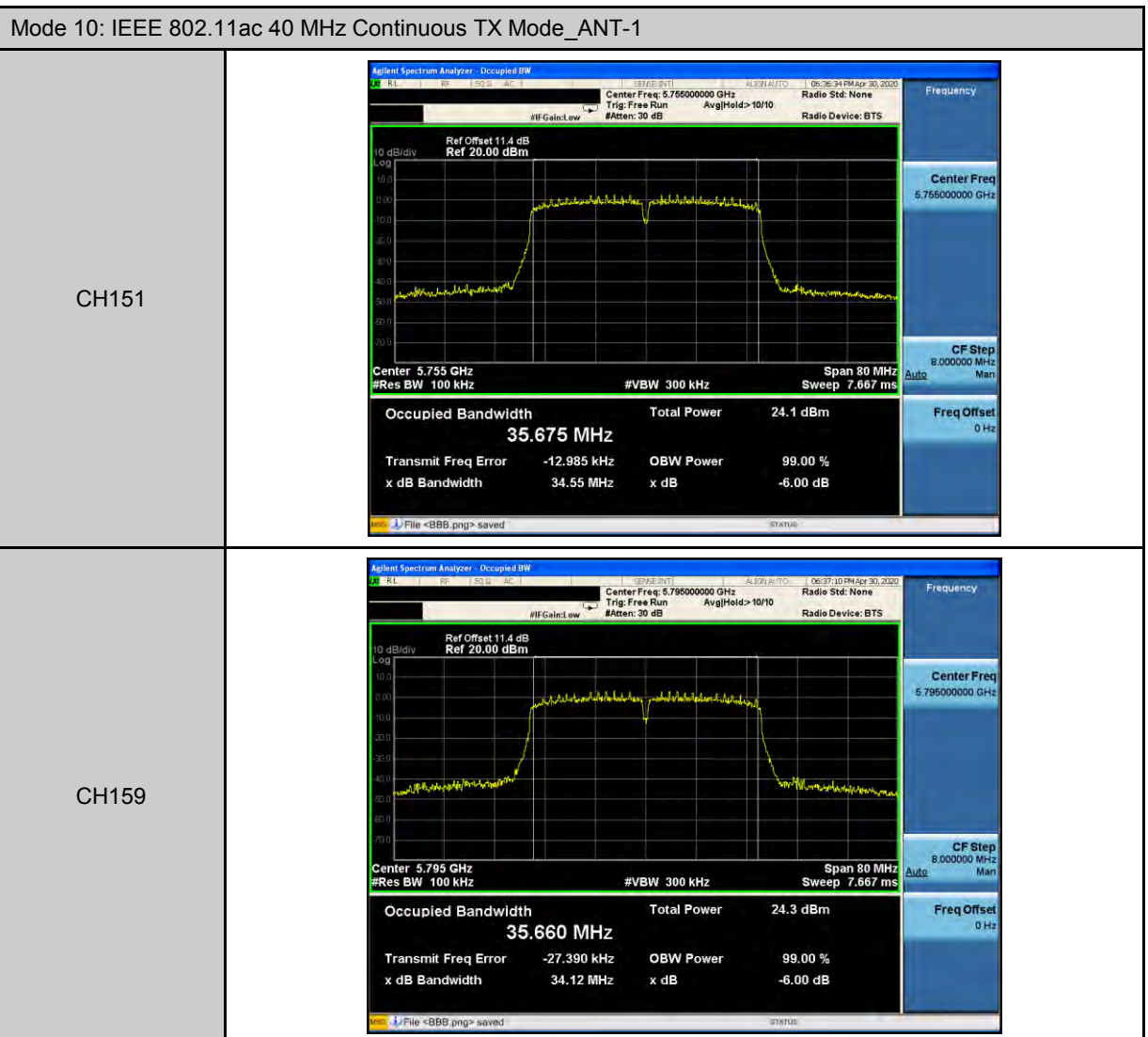
CH165

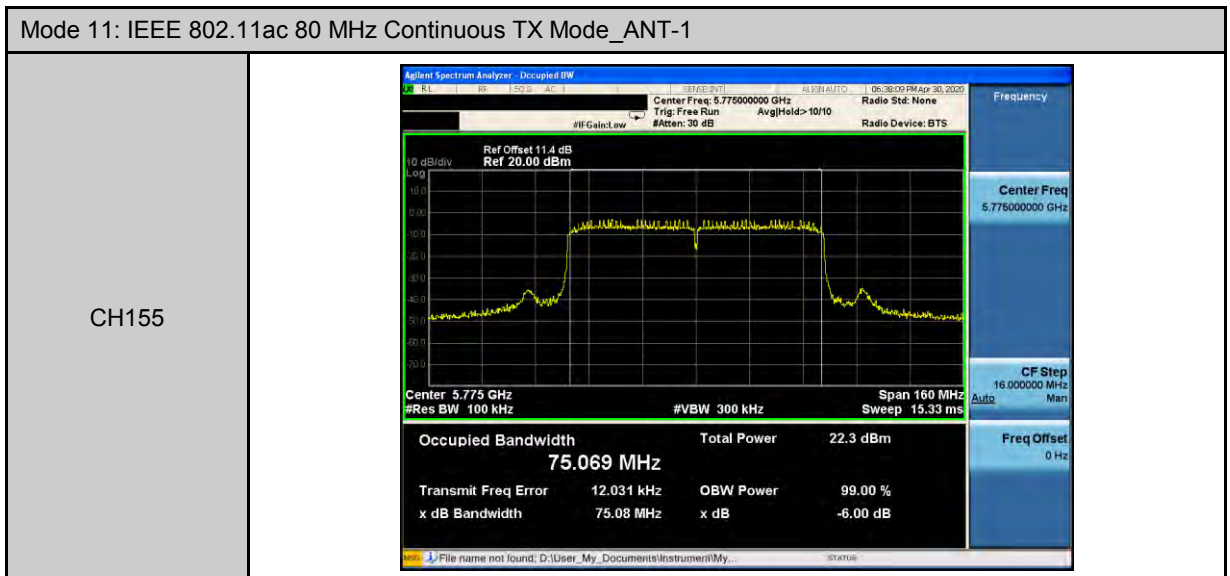






Mode 9: IEEE 802.11ac 20 MHz Continuous TX Mode_ANT-1	
CH149	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.745000000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.745 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 17.555 MHz Total Power 22.9 dBm Transmit Freq Error -30.806 kHz OBW Power 99.00 % x dB Bandwidth 17.63 MHz x dB -6.00 dB File <BBB.png> saved
CH157	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.785000000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.785 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 17.550 MHz Total Power 22.3 dBm Transmit Freq Error -22.423 kHz OBW Power 99.00 % x dB Bandwidth 17.61 MHz x dB -6.00 dB File <BBB.png> saved
CH165	 Agilent Spectrum Analyzer - Occupied BW Center Freq: 5.825000000 GHz Trig: Free Run Avg/Hold: >10/10 Radio Std: None Radio Device: BTS Ref Offset 11.4 dB Ref 20.00 dBm Center 5.825 GHz #Res BW 100 kHz #VBW 300 kHz Span 40 MHz Sweep 3.867 ms Occupied Bandwidth 17.557 MHz Total Power 21.9 dBm Transmit Freq Error -16.657 kHz OBW Power 99.00 % x dB Bandwidth 17.62 MHz x dB -6.00 dB File <BBB.png> saved





4.3.6 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		廠牌	型號	型態	增益值(dBi)
5 GHz	ANT-0	HUAWEI	WS5200-30-5G-1	外接式天線	5.3
	ANT-1	HUAWEI	WS5200-30-5G-2	外接式天線	5.2

4.3.7 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)
2.4 GHz(BF OFF)	2412-2462 MHz	1	20	21.46	7.51	5.64	1	789.986	0.1572
2.4 GHz (BF ON)	2412-2462 MHz	1	20	18.23	7.51	5.64	1	375.329	0.0747
5 GHz (BF OFF)	5150-5250 MHz/ 5725-5825 MHz	1	20	23.25	8.26	6.7	1	1416.945	0.2819
5 GHz (BF ON)	5150-5250 MHz/ 5725-5825 MHz	1	20	20.15	8.26	6.7	1	692.969	0.1379

Simultaneous MPE = 2.4 GHz MPE + 5 GHz MPE = 0.1572 + 0.2819 = 0.4391 mW/cm²

--- END---