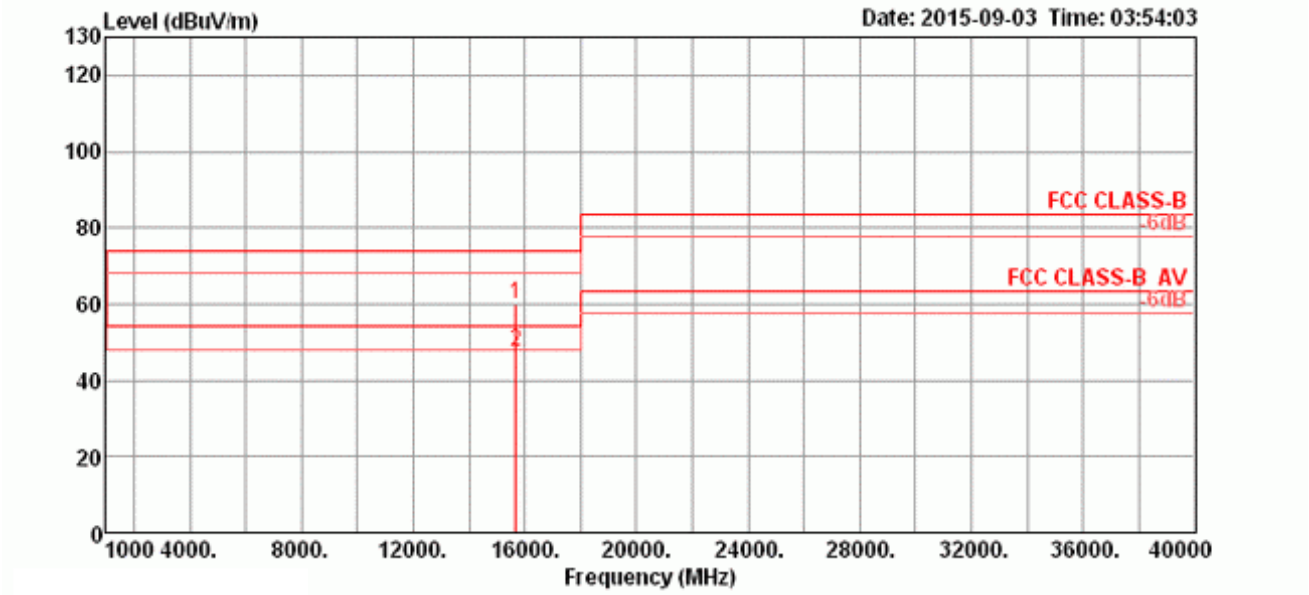
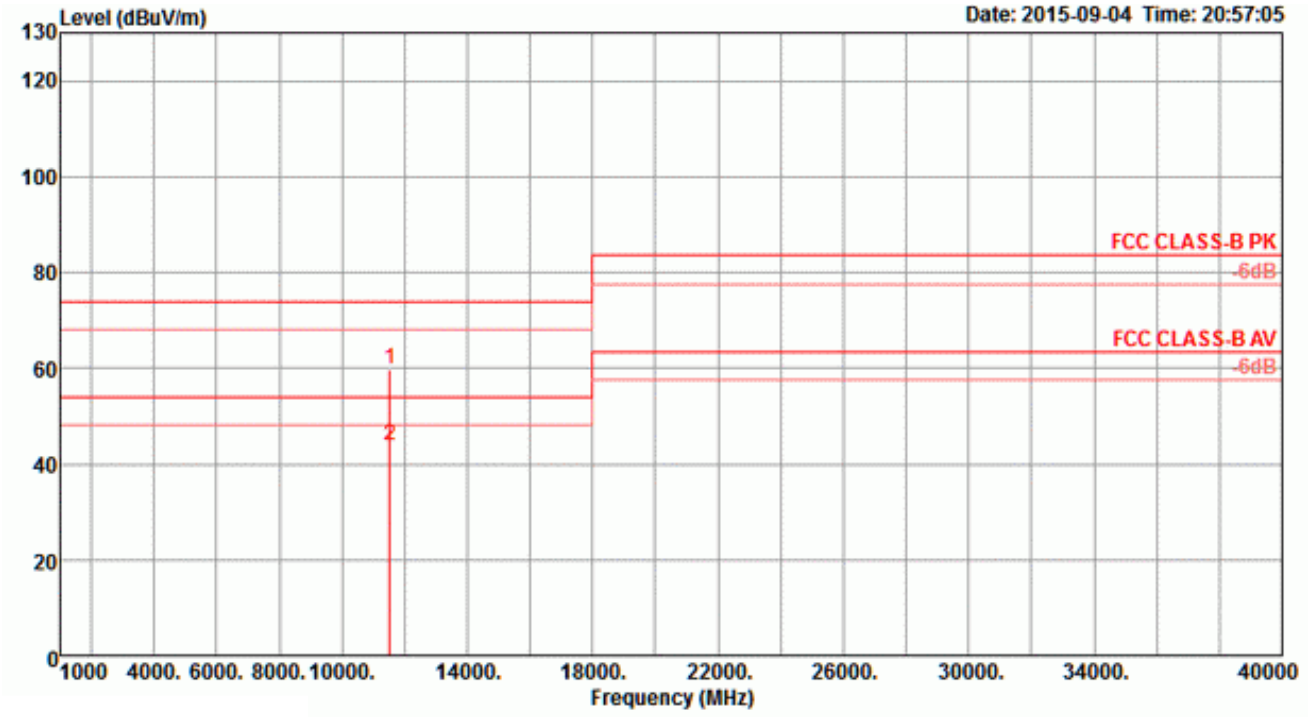
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15690.32	59.95	74.00	-14.05	43.32	12.58	37.90	33.85	162	169	Peak	VERTICAL
2	15692.61	47.71	54.00	-6.29	31.08	12.58	37.90	33.85	162	169	Average	VERTICAL

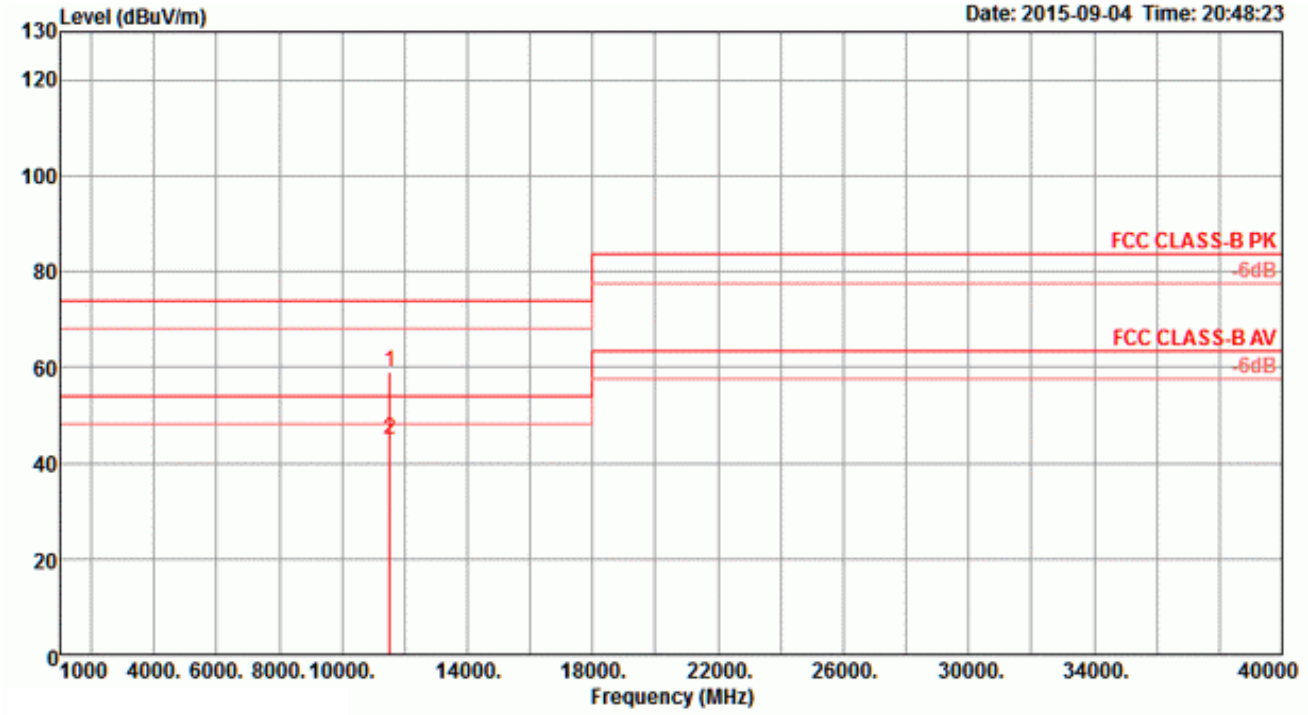
Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151 / Chain 9

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11511.92	59.73	74.00	-14.27	49.11	6.54	38.70	34.62	219	152	Peak	HORIZONTAL
2	11515.76	43.76	54.00	-10.24	33.14	6.54	38.70	34.62	219	152	Average	HORIZONTAL

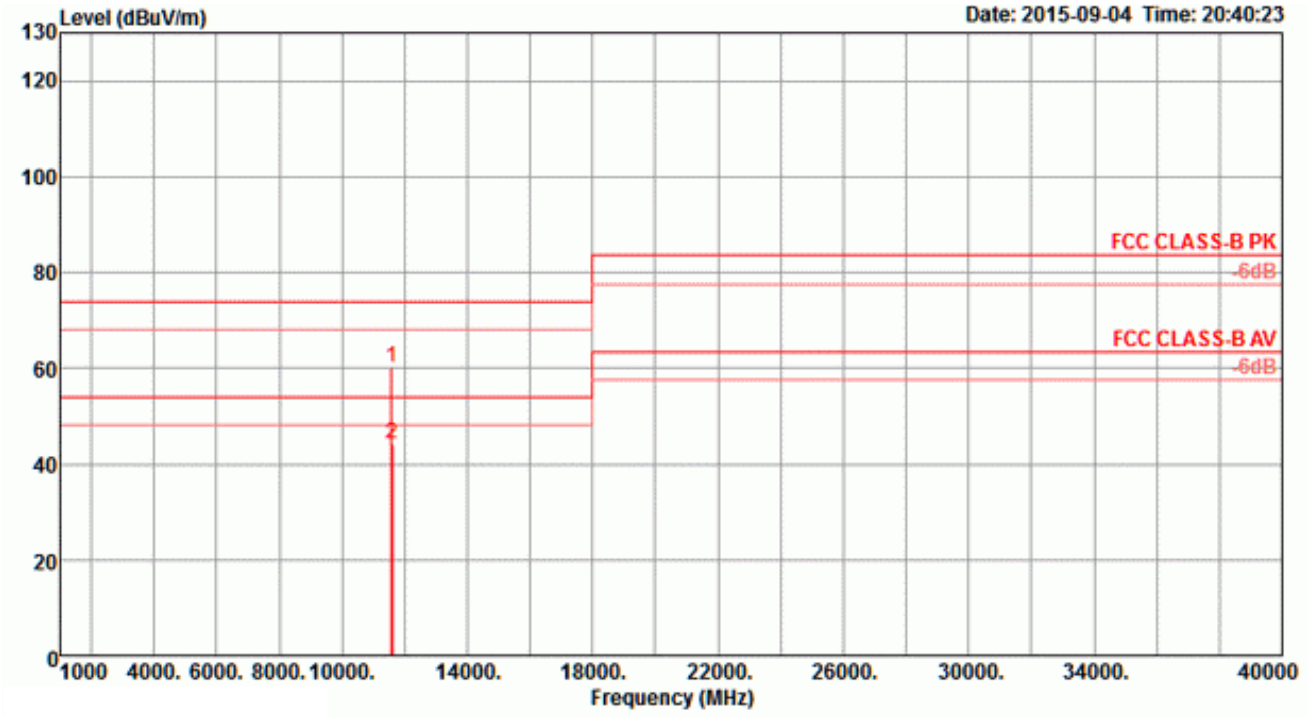
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11512.04	59.14	74.00	-14.86	48.52	6.54	38.70	34.62	171	163	Peak	VERTICAL
2	11516.72	44.81	54.00	-9.19	34.19	6.54	38.70	34.62	171	163	Average	VERTICAL

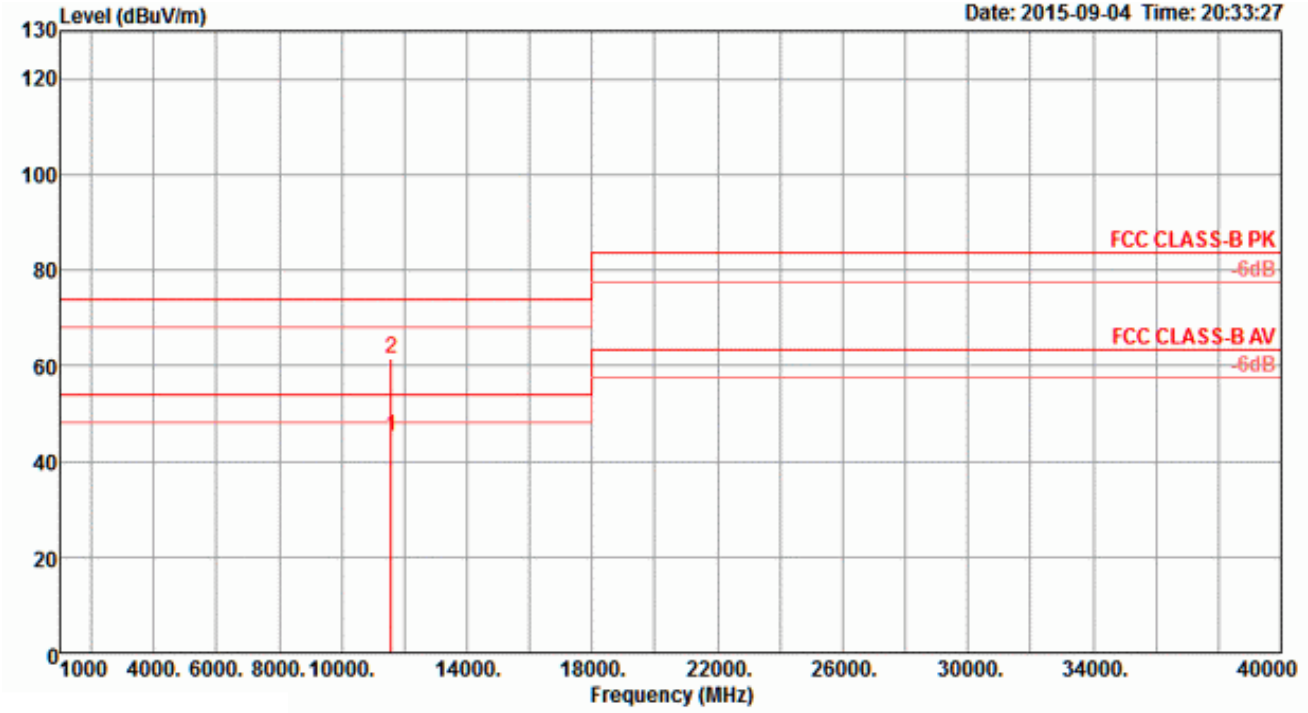
Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 159 / Chain 9

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11585.24	60.11	74.00	-13.89	49.49	6.55	38.72	34.65	119	169	Peak	HORIZONTAL
2	11594.72	44.06	54.00	-9.94	33.44	6.55	38.72	34.65	119	169	Average	HORIZONTAL

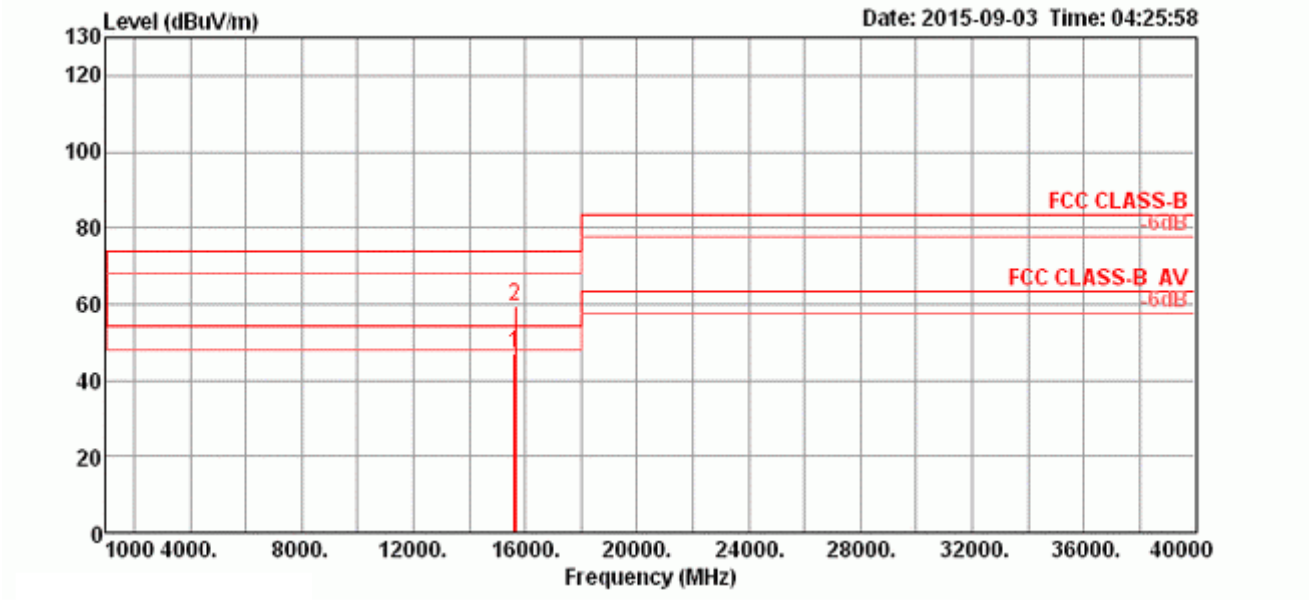
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11589.08	45.10	54.00	-8.90	34.48	6.55	38.72	34.65	171	176	Average	VERTICAL
2	11591.24	61.52	74.00	-12.48	50.90	6.55	38.72	34.65	171	176	Peak	VERTICAL

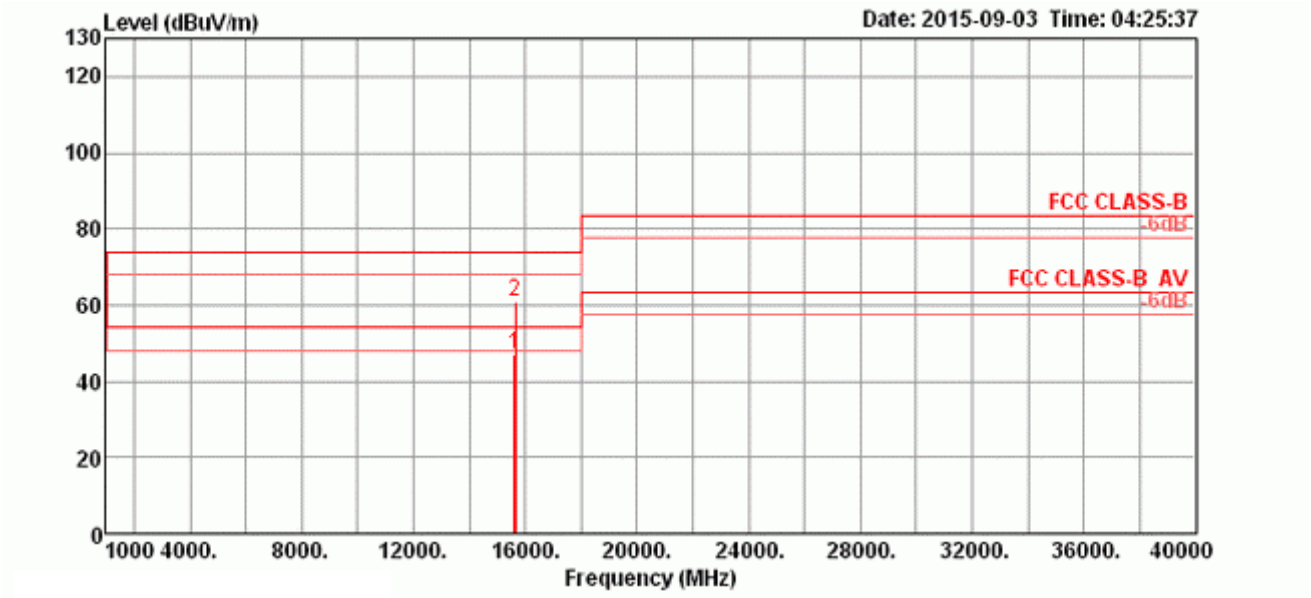
Temperature	26℃	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42 / Chain 9

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15627.34	47.21	54.00	-6.79	30.42	12.58	38.01	33.80	162	289	Average	HORIZONTAL
2	15633.39	59.63	74.00	-14.37	42.87	12.58	37.98	33.80	162	289	Peak	HORIZONTAL

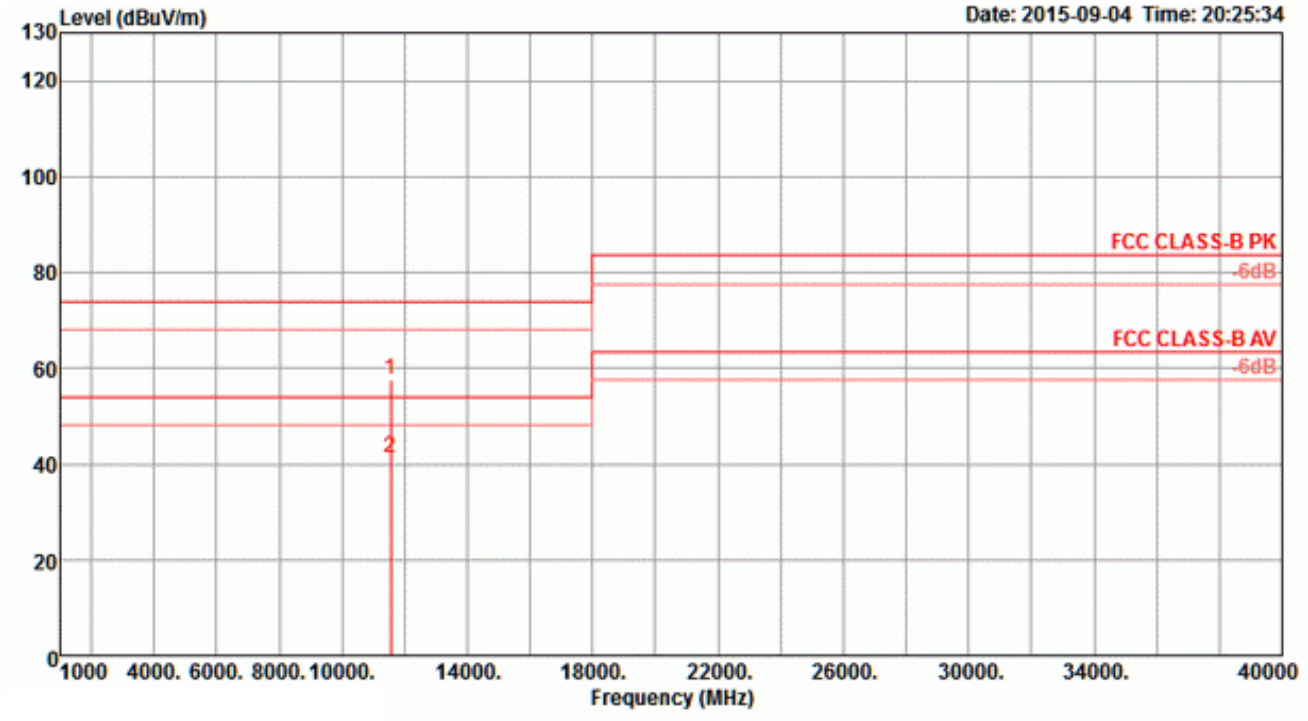
Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15630.65	47.08	54.00	-6.92	30.32	12.58	37.98	33.80	135	330	Average	VERTICAL
2	15631.61	60.85	74.00	-13.15	44.09	12.58	37.98	33.80	135	330	Peak	VERTICAL

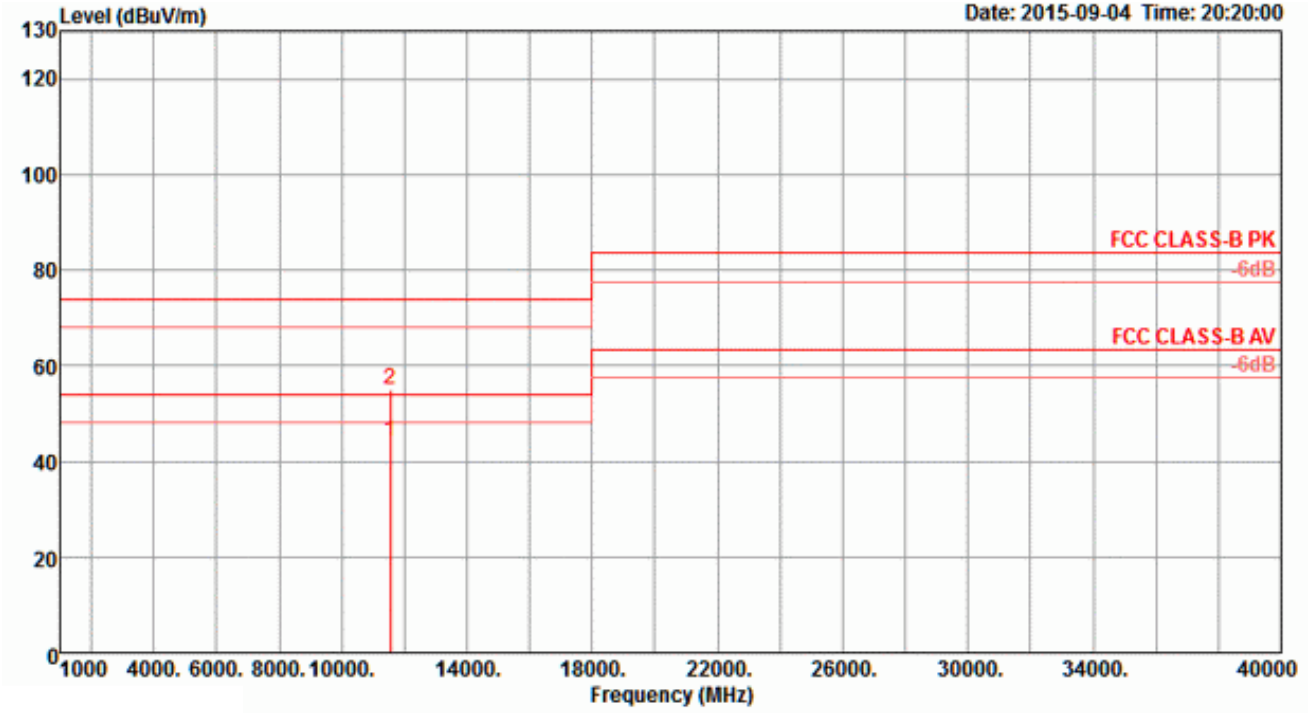
Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 155 / Chain 9

Horizontal



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11547.92	57.42	74.00	-16.58	46.81	6.54	38.71	34.64	117	152	Peak	HORIZONTAL
2	11547.92	41.46	54.00	-12.54	30.85	6.54	38.71	34.64	117	152	Average	HORIZONTAL

Vertical



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11542.60	44.29	54.00	-9.71	33.67	6.54	38.71	34.63	144	113	Average	VERTICAL
2	11553.60	55.08	74.00	-18.92	44.46	6.55	38.71	34.64	144	113	Peak	VERTICAL

Note:

The amplitude of spurious emissions that are attenuated by more than 20dB below the permissible value has no need to be reported.

Emission level (dBuV/m) = 20 log Emission level (uV/m).

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level.

4.7. Band Edge Emissions Measurement

4.7.1. Limit

For transmitters operating in the 5.15-5.25 GHz band: all emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

For transmitters operating in the 5.725-5.85 GHz band: all emissions within the frequency range from the band edge to 10 MHz above or below the band edge shall not exceed an e.i.r.p. of −17 dBm/MHz; for frequencies 10 MHz or greater above or below the band edge, emissions shall not exceed an e.i.r.p. of −27 dBm/MHz.

In addition, In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

Frequencies (MHz)	Field Strength (micorvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
Above 960	500	3

4.7.2. Measuring Instruments and Setting

Please refer to section 5 of equipments list in this report. The following table is the setting of the spectrum analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	100 MHz
RBW / VBW (Emission in restricted band)	1MHz / 3MHz for Peak, 1MHz / 1/T for Average
RBW / VBW (Emission in non-restricted band)	1MHz / 3MHz for Peak

4.7.3. Test Procedures

1. The test procedure is the same as section 4.6.3.

4.7.4. Test Setup Layout

This test setup layout is the same as that shown in section 4.6.4.

4.7.5. Test Deviation

There is no deviation with the original standard.

4.7.6. EUT Operation during Test

<ForNon-beamforming Mode>

The EUT was programmed to be in continuously transmitting mode.

<For Beamforming Mode>

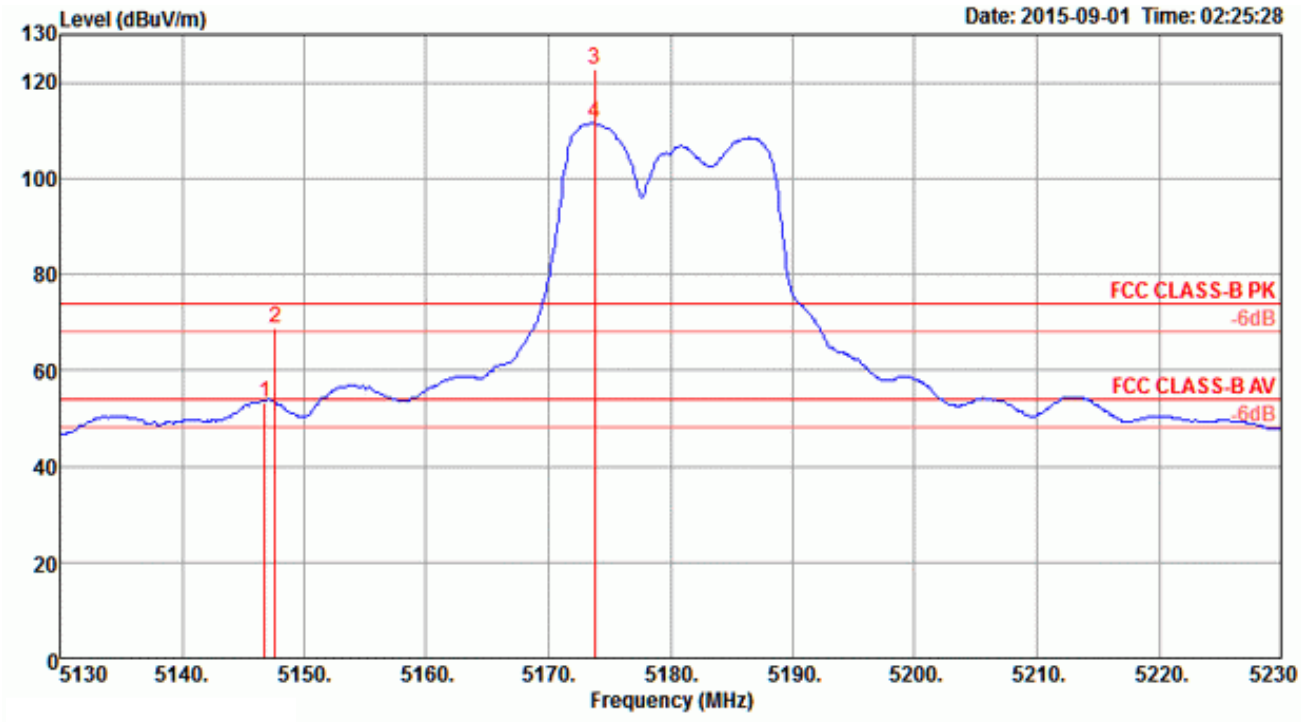
The EUT was programmed to be in beamforming transmitting mode.

4.7.7. Test Result of Band Edge and Fundamental Emissions

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11a CH 36, 40, 48 / Chain 5 + Chain 6 + Chain 7 + Chain 8

<For Radio 2 Non-beamforming Mode>

Channel 36

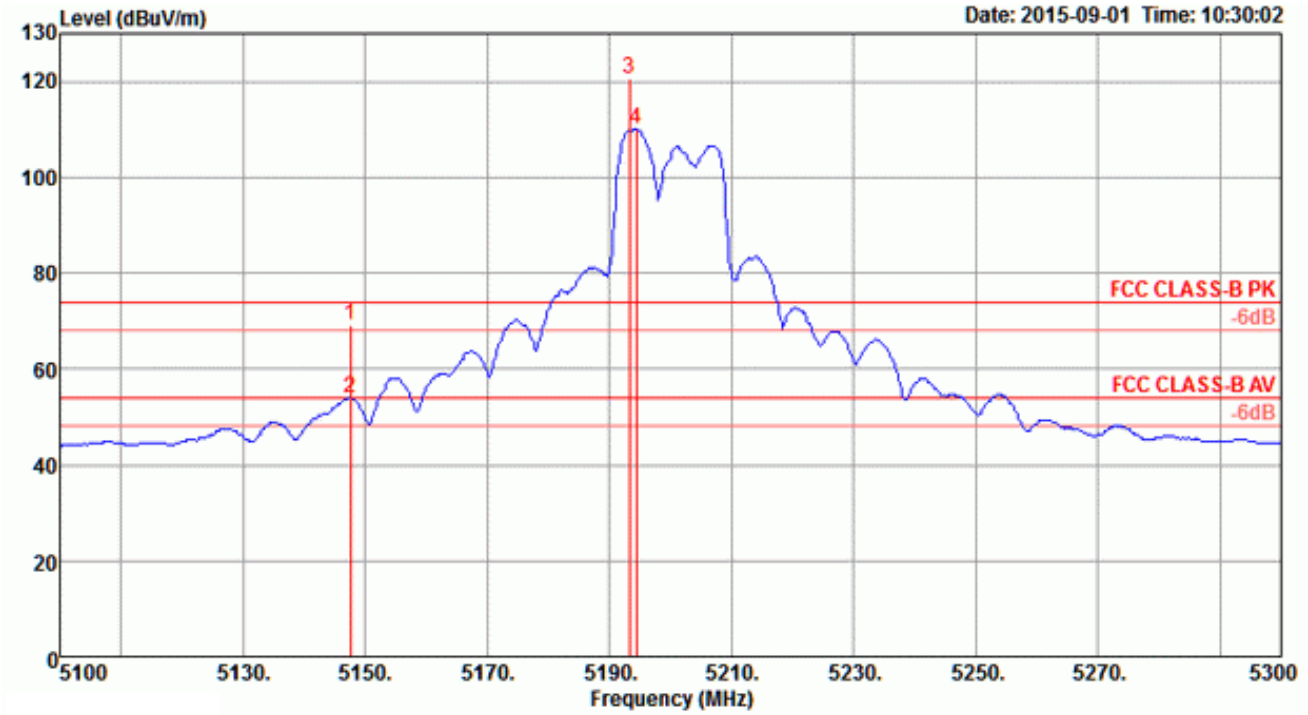


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5146.80	53.39	54.00	-0.61	50.33	4.26	33.27	34.47	39	179	Average	HORIZONTAL
2	5147.60	68.78	74.00	-5.22	65.72	4.26	33.27	34.47	39	179	Peak	HORIZONTAL
3	5173.80	122.67			119.54	4.27	33.33	34.47	39	179	Peak	HORIZONTAL
4	5173.80	111.45			108.32	4.27	33.33	34.47	39	179	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5180 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 40

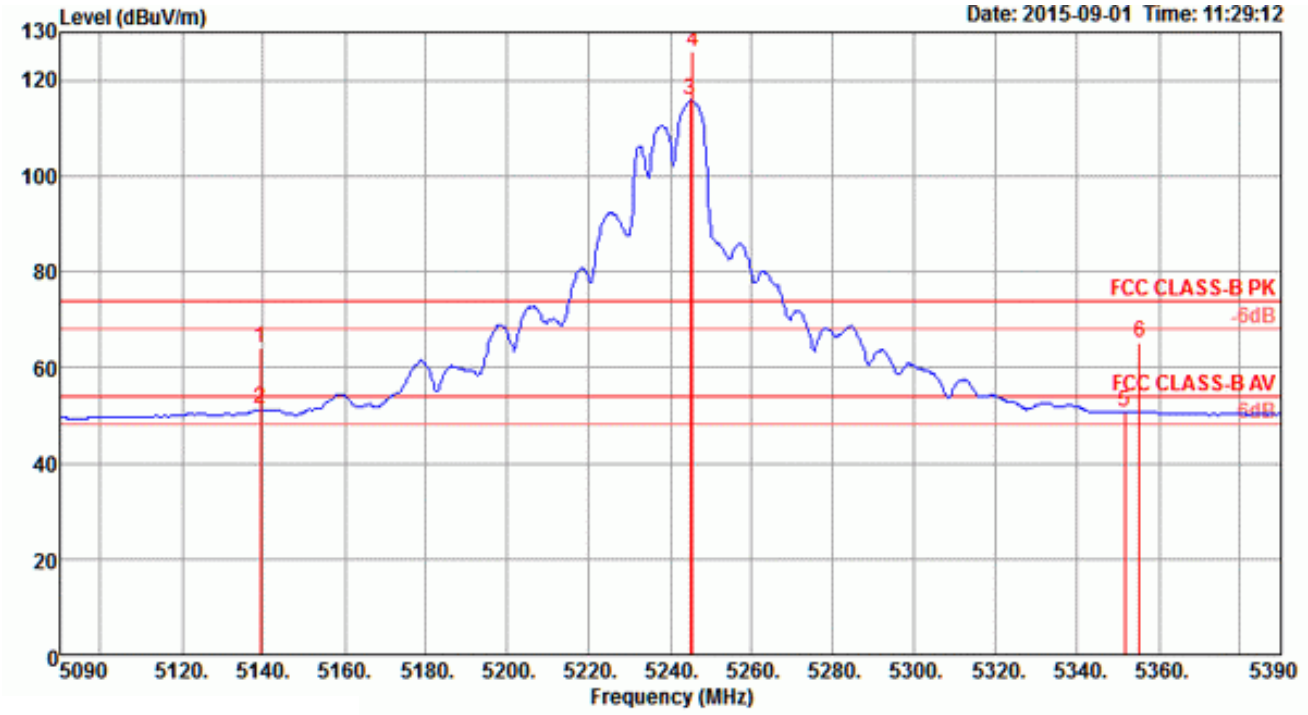


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5147.60	69.10	74.00	-4.90	66.04	4.26	33.27	34.47	38	172	Peak	HORIZONTAL
2	5147.60	53.79	54.00	-0.21	50.73	4.26	33.27	34.47	38	172	Average	HORIZONTAL
3	5193.20	120.52			117.35	4.28	33.36	34.47	38	172	Peak	HORIZONTAL
4	5194.40	110.09			106.92	4.28	33.36	34.47	38	172	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5200 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 48



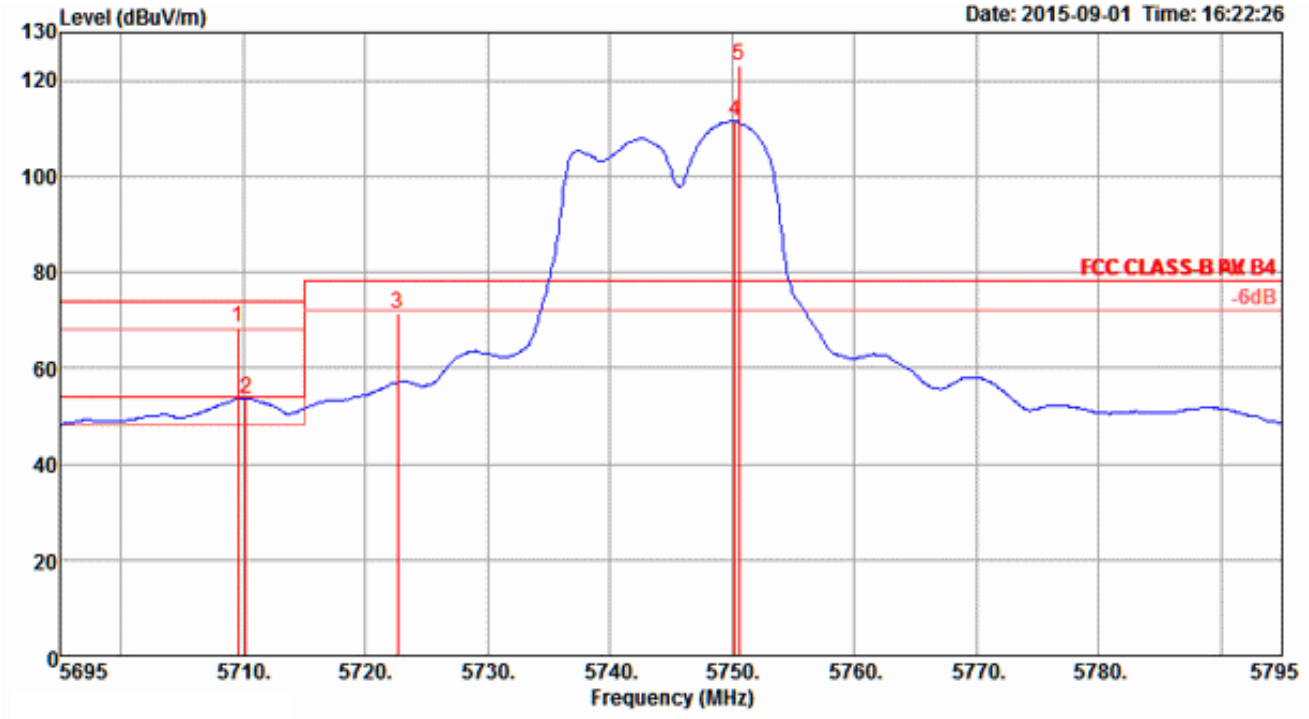
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5139.20	64.19	74.00	-9.81	61.17	4.25	33.24	34.47	305	215	Peak	HORIZONTAL
2	5139.20	51.37	54.00	-2.63	48.35	4.25	33.24	34.47	305	215	Average	HORIZONTAL
3	5244.80	115.79			112.51	4.30	33.45	34.47	305	215	Average	HORIZONTAL
4	5245.40	126.03			122.75	4.30	33.45	34.47	305	215	Peak	HORIZONTAL
5	5351.60	50.78	54.00	-3.22	47.27	4.35	33.63	34.47	305	215	Average	HORIZONTAL
6	5355.20	65.19	74.00	-8.81	61.68	4.35	33.63	34.47	305	215	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5240 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11a CH 149, 157, 165 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 149

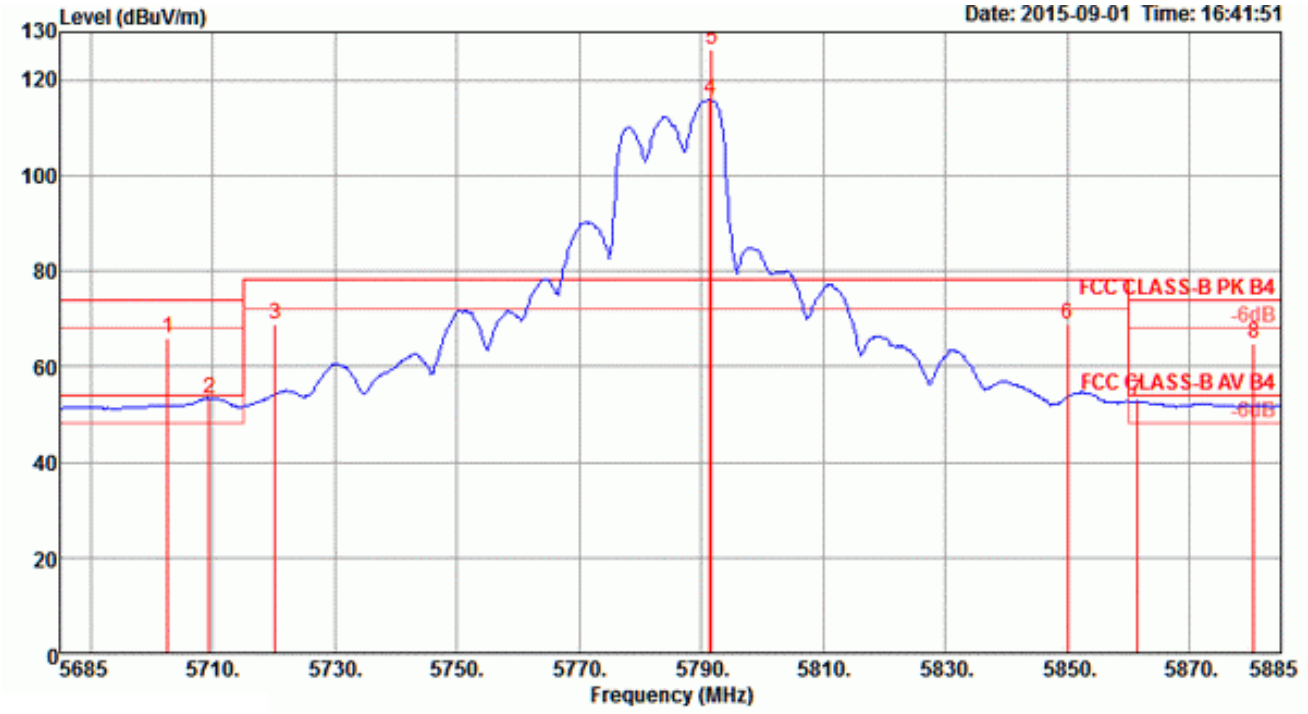


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5709.60	68.44	74.00	-5.56	63.94	4.49	34.52	34.51	312	194	Peak	HORIZONTAL
2	5710.20	53.55	54.00	-0.45	49.05	4.49	34.52	34.51	312	194	Average	HORIZONTAL
3	5722.60	71.24	78.20	-6.96	66.68	4.50	34.57	34.51	312	194	Peak	HORIZONTAL
4	5750.20	111.44			106.84	4.50	34.62	34.52	312	194	Average	HORIZONTAL
5	5750.60	123.03			118.43	4.50	34.62	34.52	312	194	Peak	HORIZONTAL

Item 4, 5 are the fundamental frequency at 5745 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 157

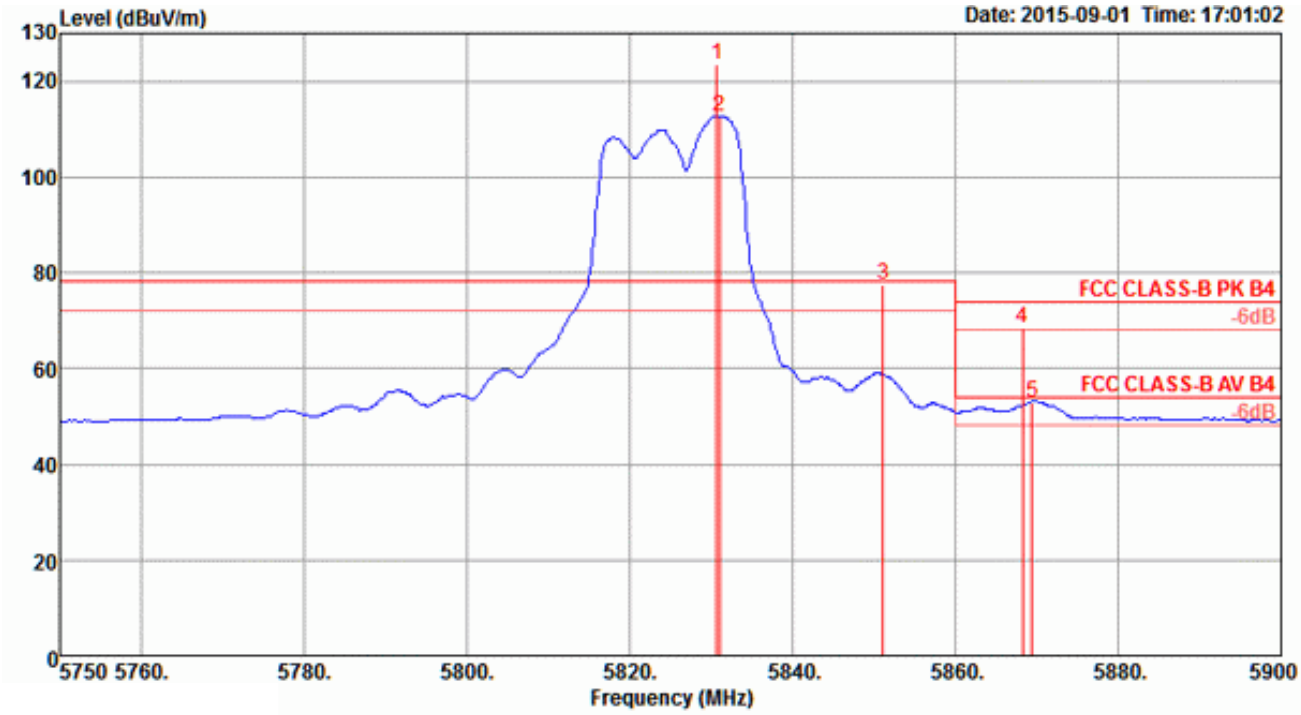


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5702.60	65.87	74.00	-8.13	61.37	4.49	34.52	34.51	309	170	Peak	HORIZONTAL
2	5709.40	53.26	54.00	-0.74	48.76	4.49	34.52	34.51	309	170	Average	HORIZONTAL
3	5720.20	68.76	78.20	-9.44	64.20	4.50	34.57	34.51	309	170	Peak	HORIZONTAL
4	5791.40	115.95			111.18	4.52	34.78	34.53	309	170	Average	HORIZONTAL
5	5791.80	126.36			121.59	4.52	34.78	34.53	309	170	Peak	HORIZONTAL
6	5850.00	68.67	78.20	-9.53	63.74	4.54	34.93	34.54	309	170	Peak	HORIZONTAL
7	5861.40	52.71	54.00	-1.29	47.71	4.55	34.99	34.54	309	170	Average	HORIZONTAL
8	5880.60	64.77	74.00	-9.23	59.72	4.55	35.04	34.54	309	170	Peak	HORIZONTAL

Item 4, 5 are the fundamental frequency at 5785 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 165



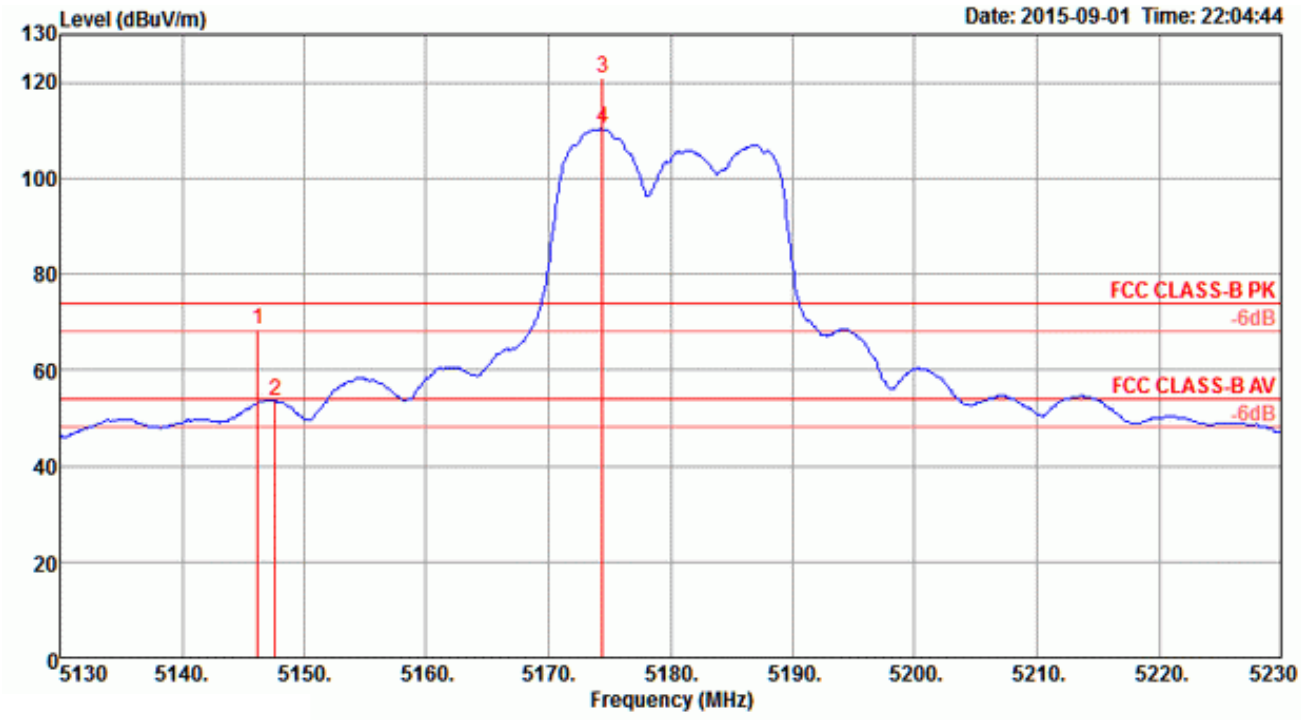
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5830.70	123.38			118.50	4.53	34.88	34.53	310	188	Peak	HORIZONTAL
2	5831.00	112.67			107.79	4.53	34.88	34.53	310	188	Average	HORIZONTAL
3	5851.10	77.67	78.20	-0.53	72.74	4.54	34.93	34.54	310	188	Peak	HORIZONTAL
4	5868.20	68.29	74.00	-5.71	63.29	4.55	34.99	34.54	310	188	Peak	HORIZONTAL
5	5869.40	53.00	54.00	-1.00	48.00	4.55	34.99	34.54	310	188	Average	HORIZONTAL

Item 1, 2 are the fundamental frequency at 5825 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26℃	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 36

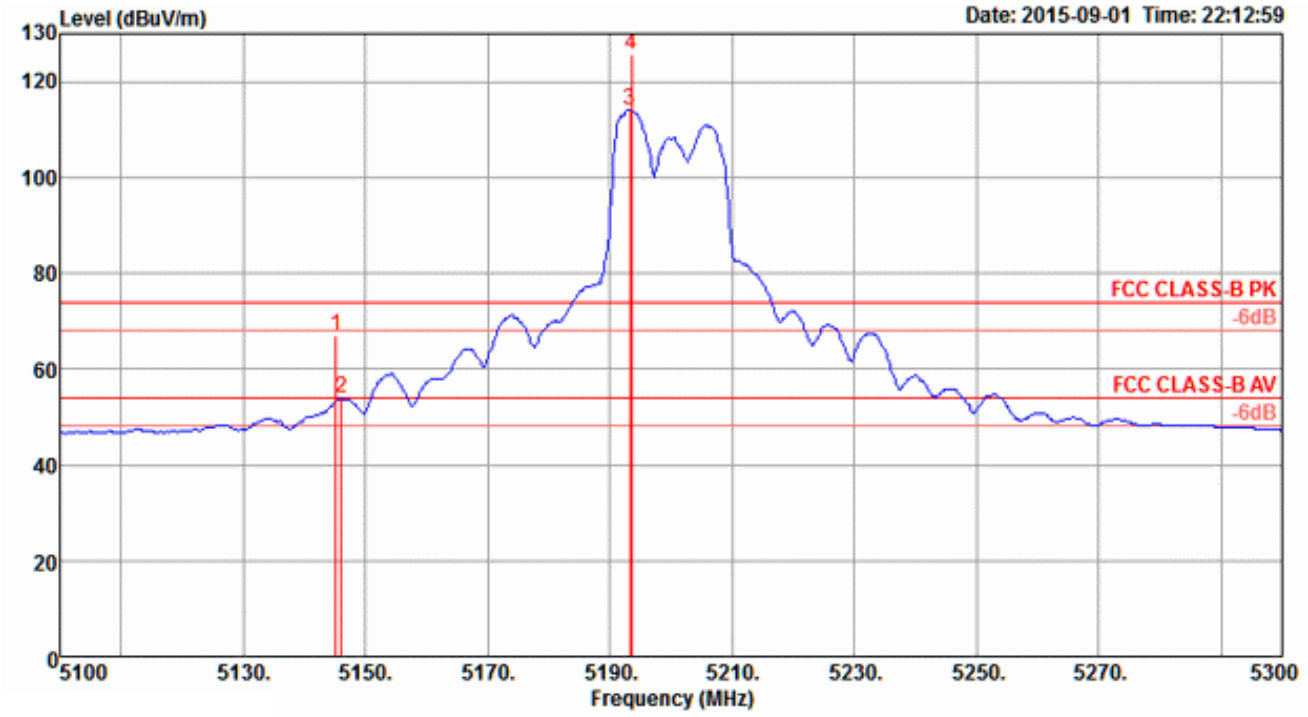


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5146.20	68.43	74.00	-5.57	65.37	4.26	33.27	34.47	37	173	Peak	HORIZONTAL
2	5147.60	53.52	54.00	-0.48	50.46	4.26	33.27	34.47	37	173	Average	HORIZONTAL
3	5174.40	120.95			117.82	4.27	33.33	34.47	37	173	Peak	HORIZONTAL
4	5174.40	110.30			107.17	4.27	33.33	34.47	37	173	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5180 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 40

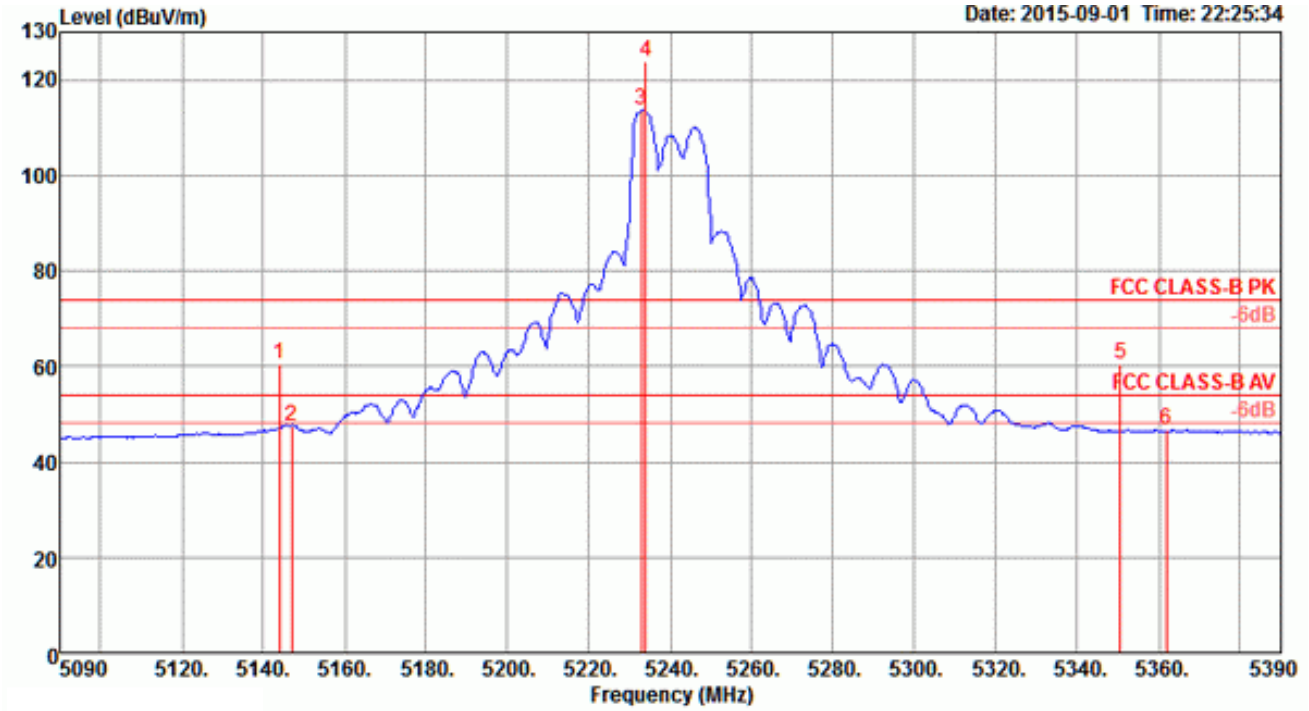


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5145.20	66.88	74.00	-7.12	63.82	4.26	33.27	34.47	43	185	Peak	HORIZONTAL
2	5146.00	53.82	54.00	-0.18	50.76	4.26	33.27	34.47	43	185	Average	HORIZONTAL
3	5193.20	114.15			110.98	4.28	33.36	34.47	43	185	Average	HORIZONTAL
4	5193.60	125.54			122.37	4.28	33.36	34.47	43	185	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5200 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 48



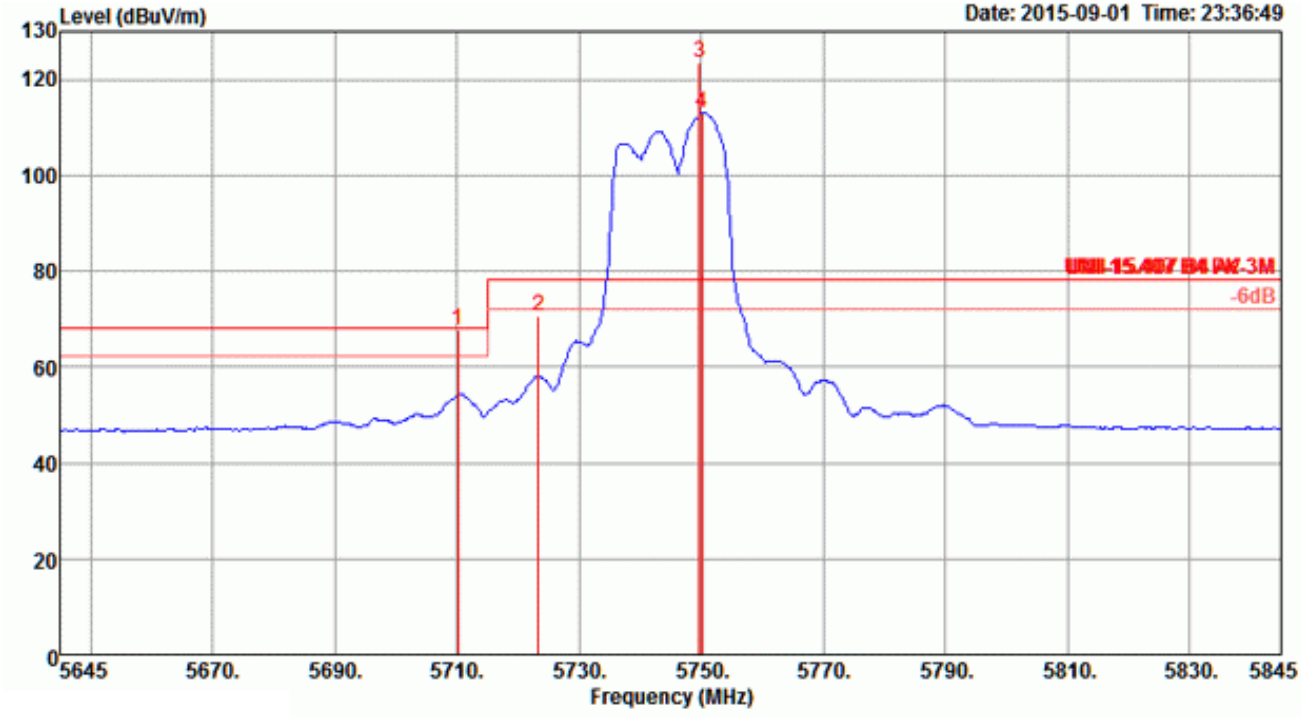
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5144.00	60.31	74.00	-13.69	57.25	4.26	33.27	34.47	47	182	Peak	HORIZONTAL
2	5147.00	47.56	54.00	-6.44	44.50	4.26	33.27	34.47	47	182	Average	HORIZONTAL
3	5232.80	113.70			110.45	4.30	33.42	34.47	47	182	Average	HORIZONTAL
4	5234.00	124.00			120.75	4.30	33.42	34.47	47	182	Peak	HORIZONTAL
5	5350.60	60.41	74.00	-13.59	56.90	4.35	33.63	34.47	47	182	Peak	HORIZONTAL
6	5361.80	46.70	54.00	-7.30	43.15	4.36	33.66	34.47	47	182	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5240 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 149

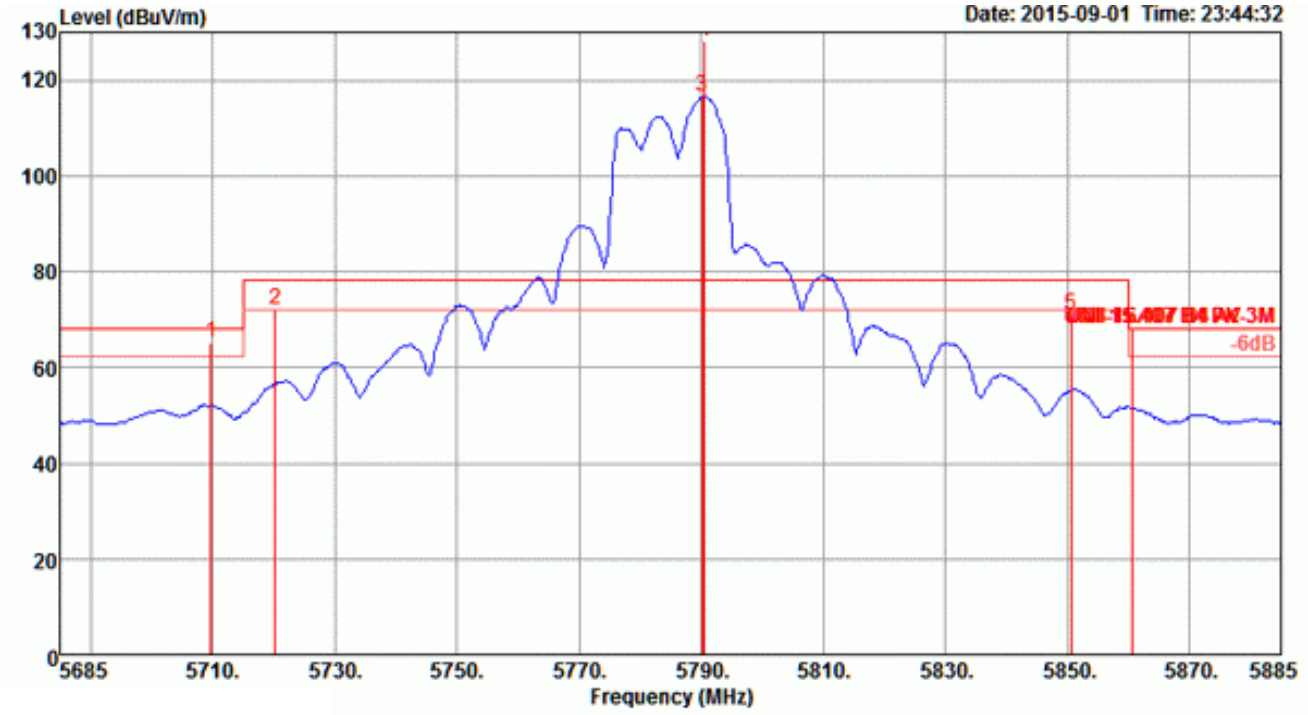


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5710.20	67.84	68.20	-0.36	63.34	4.49	34.52	34.51	310	183	Peak	HORIZONTAL
2	5723.40	70.77	78.20	-7.43	66.21	4.50	34.57	34.51	310	183	Peak	HORIZONTAL
3	5749.80	123.57			118.97	4.50	34.62	34.52	310	183	Peak	HORIZONTAL
4	5750.20	113.02			108.42	4.50	34.62	34.52	310	183	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5745 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 157

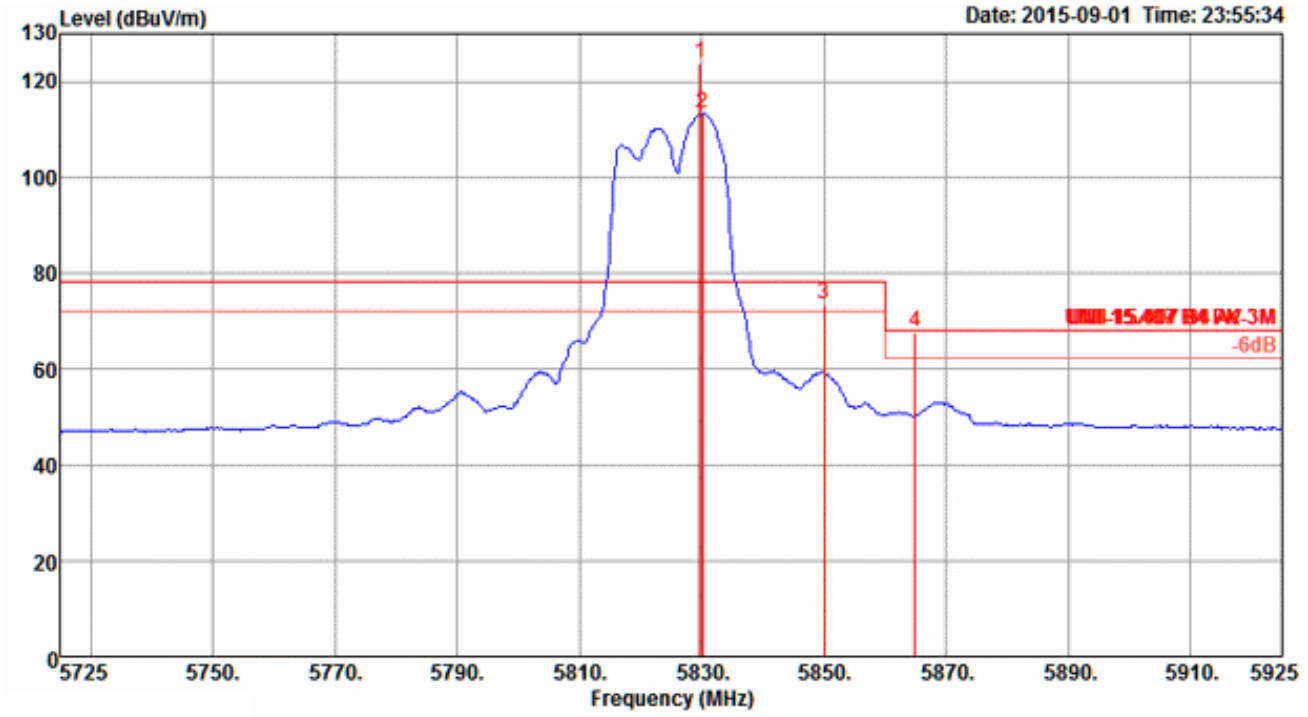


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5709.80	65.34	68.20	-2.86	60.84	4.49	34.52	34.51	314	182	Peak	HORIZONTAL
2	5720.20	72.20	78.20	-6.00	67.64	4.50	34.57	34.51	314	182	Peak	HORIZONTAL
3	5790.20	116.64			111.87	4.52	34.78	34.53	314	182	Average	HORIZONTAL
4	5790.60	128.03			123.26	4.52	34.78	34.53	314	182	Peak	HORIZONTAL
5	5850.60	71.00	78.20	-7.20	66.07	4.54	34.93	34.54	314	182	Peak	HORIZONTAL
6	5860.60	67.99	68.20	-0.21	62.99	4.55	34.99	34.54	314	182	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5785 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 165



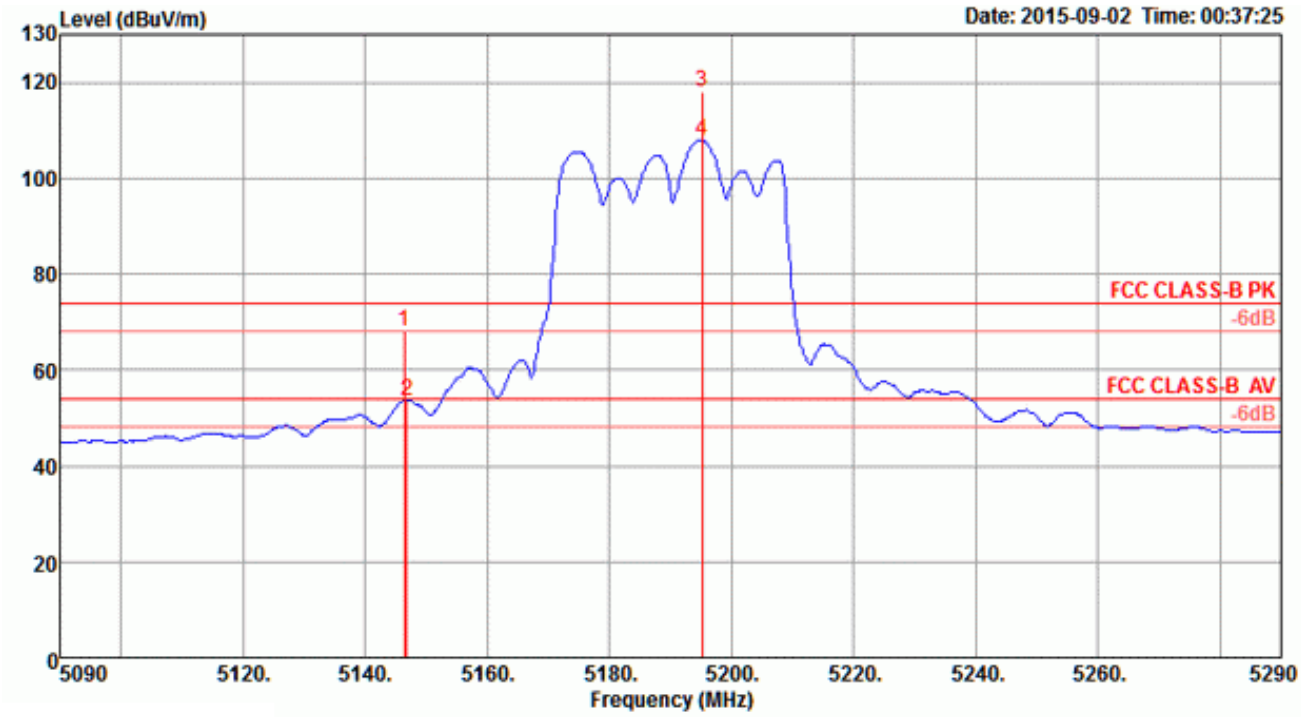
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5829.80	123.98			119.10	4.53	34.88	34.53	315	195	Peak	HORIZONTAL
2	5830.20	113.33			108.45	4.53	34.88	34.53	315	195	Average	HORIZONTAL
3	5850.00	73.58	78.20	-4.62	68.65	4.54	34.93	34.54	315	195	Peak	HORIZONTAL
4	5865.00	67.86	68.20	-0.34	62.86	4.55	34.99	34.54	315	195	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5825 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 38

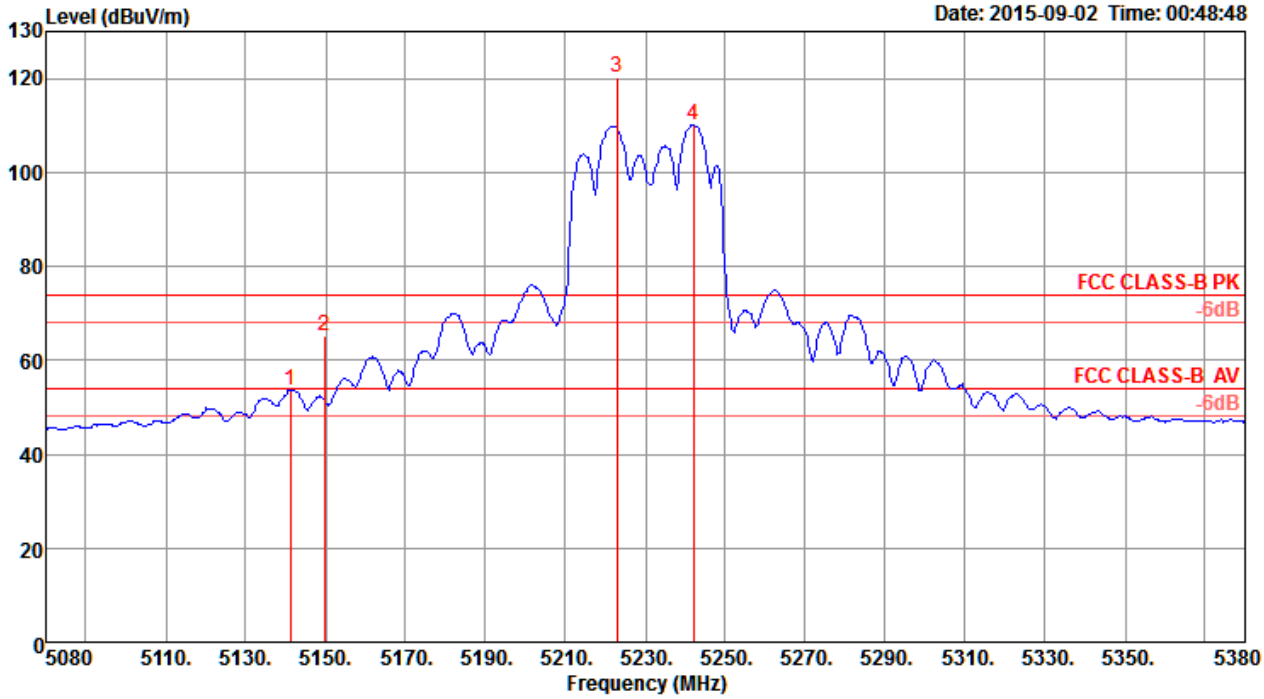


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5146.40	68.07	74.00	-5.93	65.01	4.26	33.27	34.47	298	218	Peak	HORIZONTAL
2	5146.80	53.63	54.00	-0.37	50.57	4.26	33.27	34.47	298	218	Average	HORIZONTAL
3	5195.20	118.20			115.03	4.28	33.36	34.47	298	218	Peak	HORIZONTAL
4	5195.20	107.82			104.65	4.28	33.36	34.47	298	218	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5190 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 46



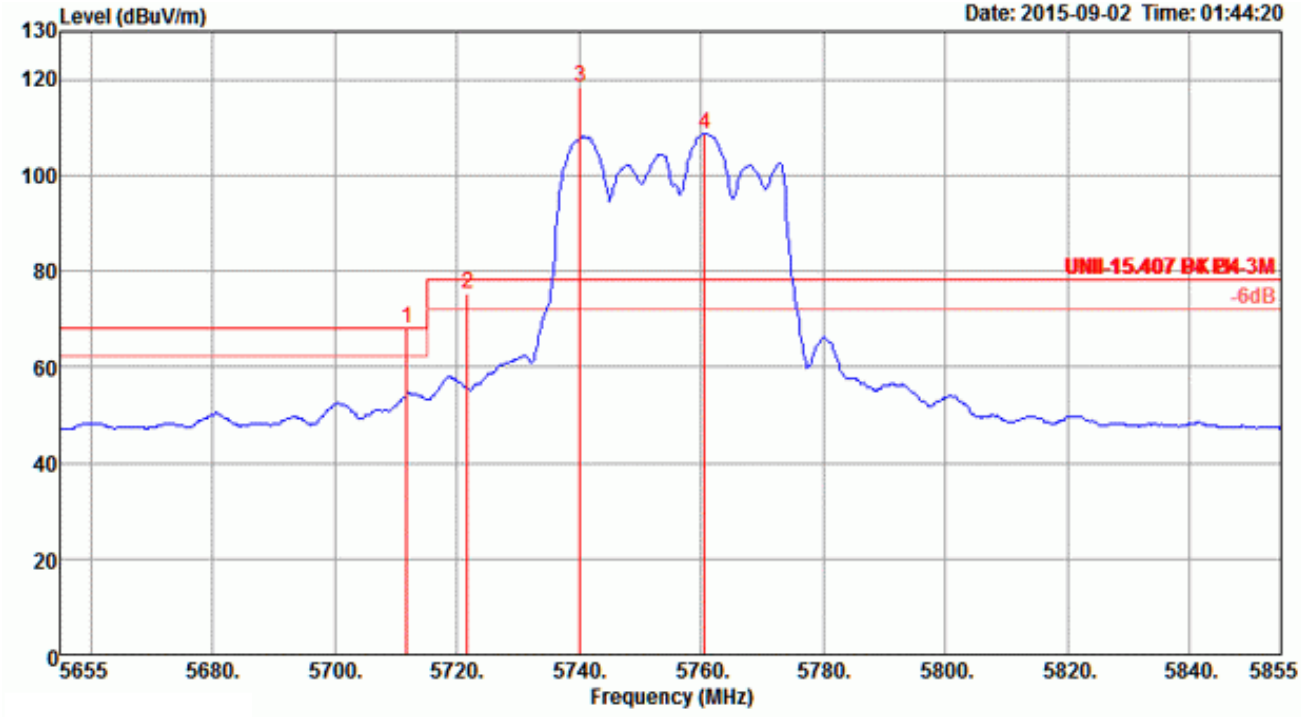
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5141.20	53.66	54.00	-0.34	50.60	4.26	33.27	34.47	55	188	Average	HORIZONTAL
2	5149.60	65.36	74.00	-8.64	62.30	4.26	33.27	34.47	55	188	Peak	HORIZONTAL
3	5222.80	120.08			116.87	4.29	33.39	34.47	55	188	Peak	HORIZONTAL
4	5242.00	110.17			106.89	4.30	33.45	34.47	55	188	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5230 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 151

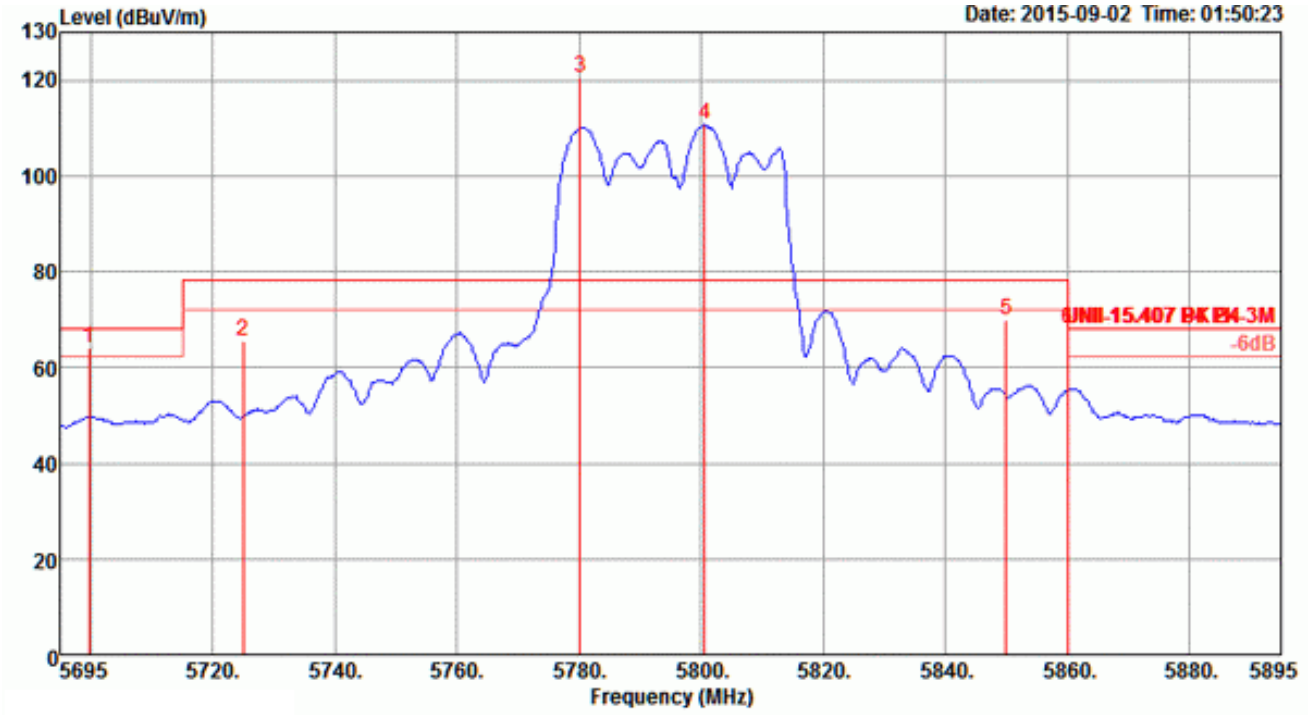


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5711.80	68.10	68.20	-0.10	63.60	4.49	34.52	34.51	309	179	Peak	HORIZONTAL
2	5721.80	75.32	78.20	-2.88	70.76	4.50	34.57	34.51	309	179	Peak	HORIZONTAL
3	5740.20	118.46			113.86	4.50	34.62	34.52	309	179	Peak	HORIZONTAL
4	5760.60	108.74			104.08	4.51	34.68	34.53	309	179	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5755 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 159



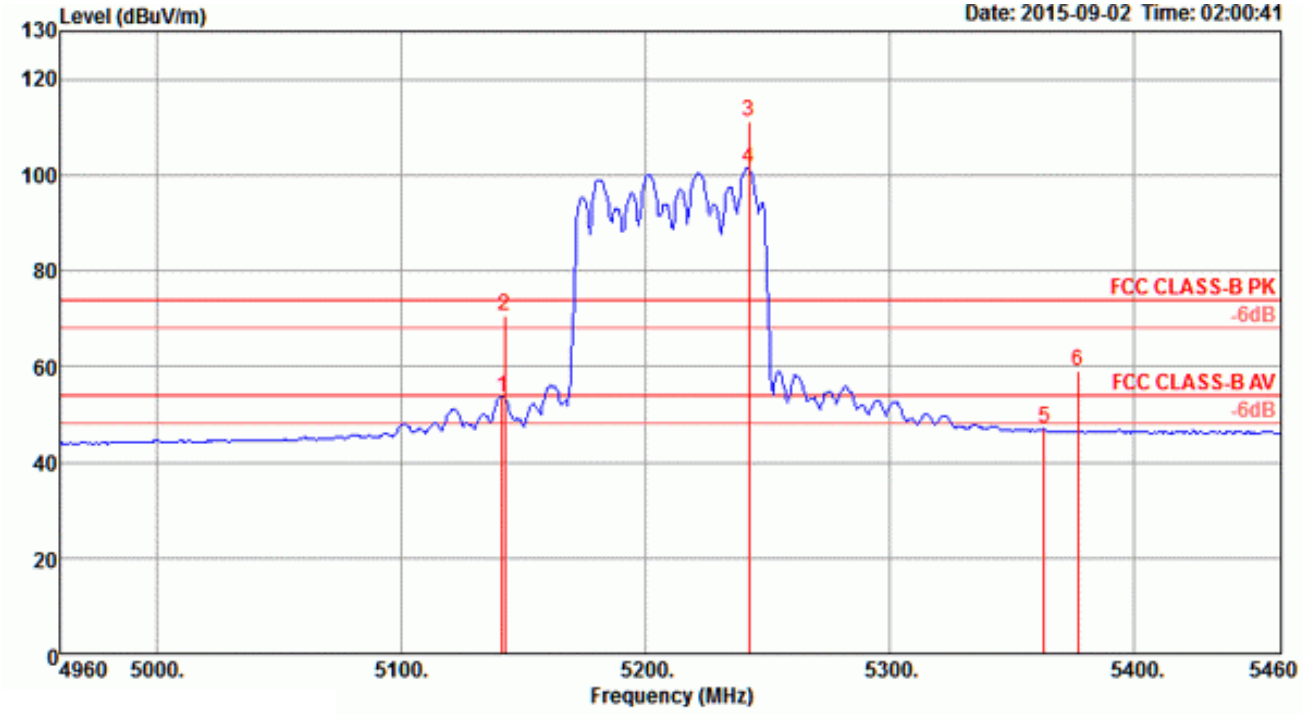
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5699.80	64.02	68.20	-4.18	59.57	4.49	34.47	34.51	312	190	Peak	HORIZONTAL
2	5725.00	65.41	78.20	-12.79	60.85	4.50	34.57	34.51	312	190	Peak	HORIZONTAL
3	5780.20	120.51			115.79	4.52	34.73	34.53	312	190	Peak	HORIZONTAL
4	5800.60	110.63			105.86	4.52	34.78	34.53	312	190	Average	HORIZONTAL
5	5850.00	69.82	78.20	-8.38	64.89	4.54	34.93	34.54	312	190	Peak	HORIZONTAL
6	5860.00	68.06	68.20	-0.14	63.06	4.55	34.99	34.54	312	190	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5795 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 155 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 42

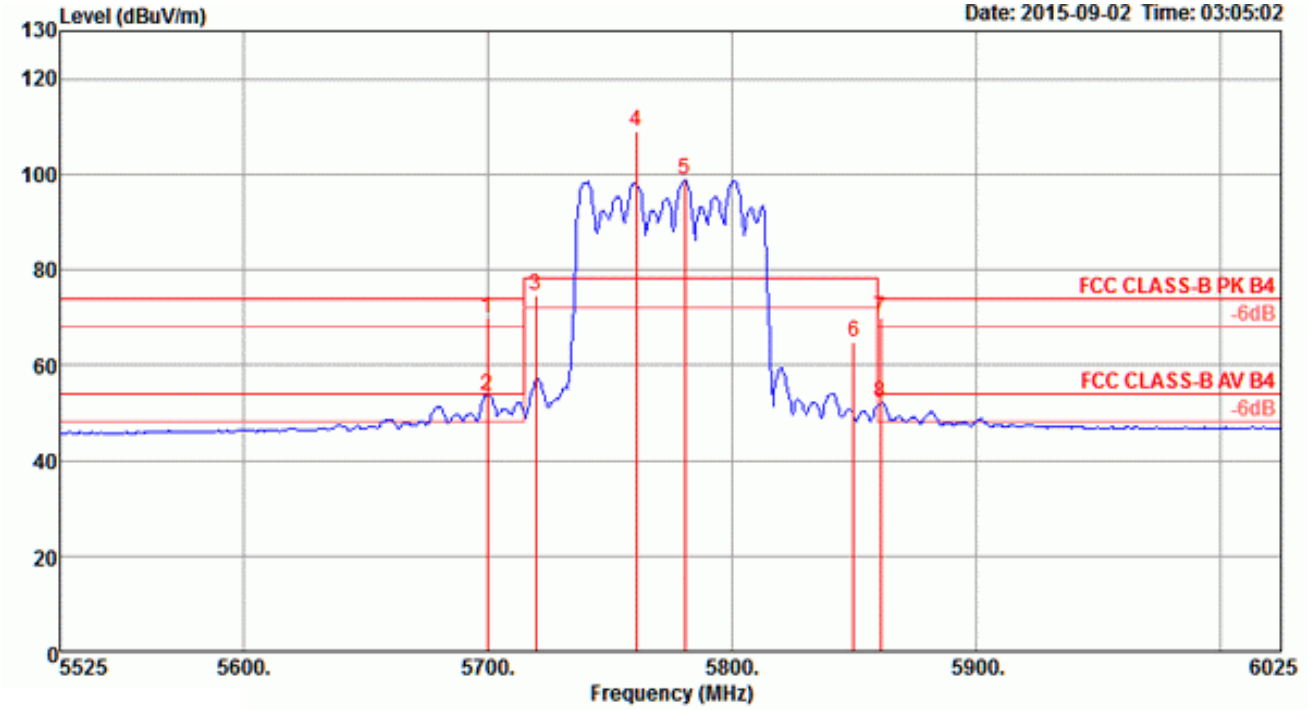


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5141.00	53.75	54.00	-0.25	50.69	4.26	33.27	34.47	56	202	Average	HORIZONTAL
2	5142.00	70.74	74.00	-3.26	67.68	4.26	33.27	34.47	56	202	Peak	HORIZONTAL
3	5242.00	111.16			107.88	4.30	33.45	34.47	56	202	Peak	HORIZONTAL
4	5242.00	101.56			98.28	4.30	33.45	34.47	56	202	Average	HORIZONTAL
5	5363.00	47.09	54.00	-6.91	43.54	4.36	33.66	34.47	56	202	Average	HORIZONTAL
6	5377.00	59.19	74.00	-14.81	55.64	4.36	33.66	34.47	56	202	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5210 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 155



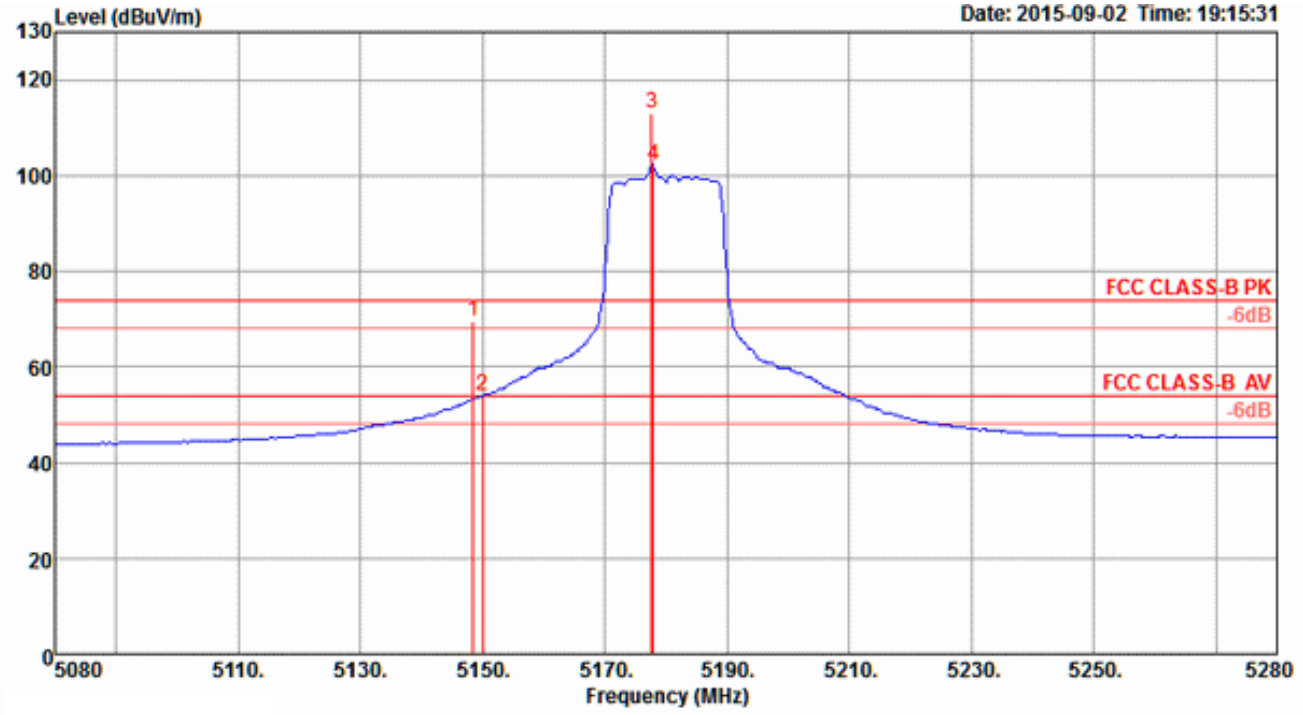
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5700.00	69.78	74.00	-4.22	65.33	4.49	34.47	34.51	310	185	Peak	HORIZONTAL
2	5700.00	53.67	54.00	-0.33	49.22	4.49	34.47	34.51	310	185	Average	HORIZONTAL
3	5720.00	74.77	78.20	-3.43	70.21	4.50	34.57	34.51	310	185	Peak	HORIZONTAL
4	5761.00	108.86			104.20	4.51	34.68	34.53	310	185	Peak	HORIZONTAL
5	5781.00	98.71			93.99	4.52	34.73	34.53	310	185	Average	HORIZONTAL
6	5850.00	64.88	78.20	-13.32	59.95	4.54	34.93	34.54	310	185	Peak	HORIZONTAL
7	5861.00	69.83	74.00	-4.17	64.83	4.55	34.99	34.54	310	185	Peak	HORIZONTAL
8	5861.00	52.03	54.00	-1.97	47.03	4.55	34.99	34.54	310	185	Average	HORIZONTAL

Item 4, 5 are the fundamental frequency at 5775 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26℃	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT20 CH 36, 40, 48 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 36

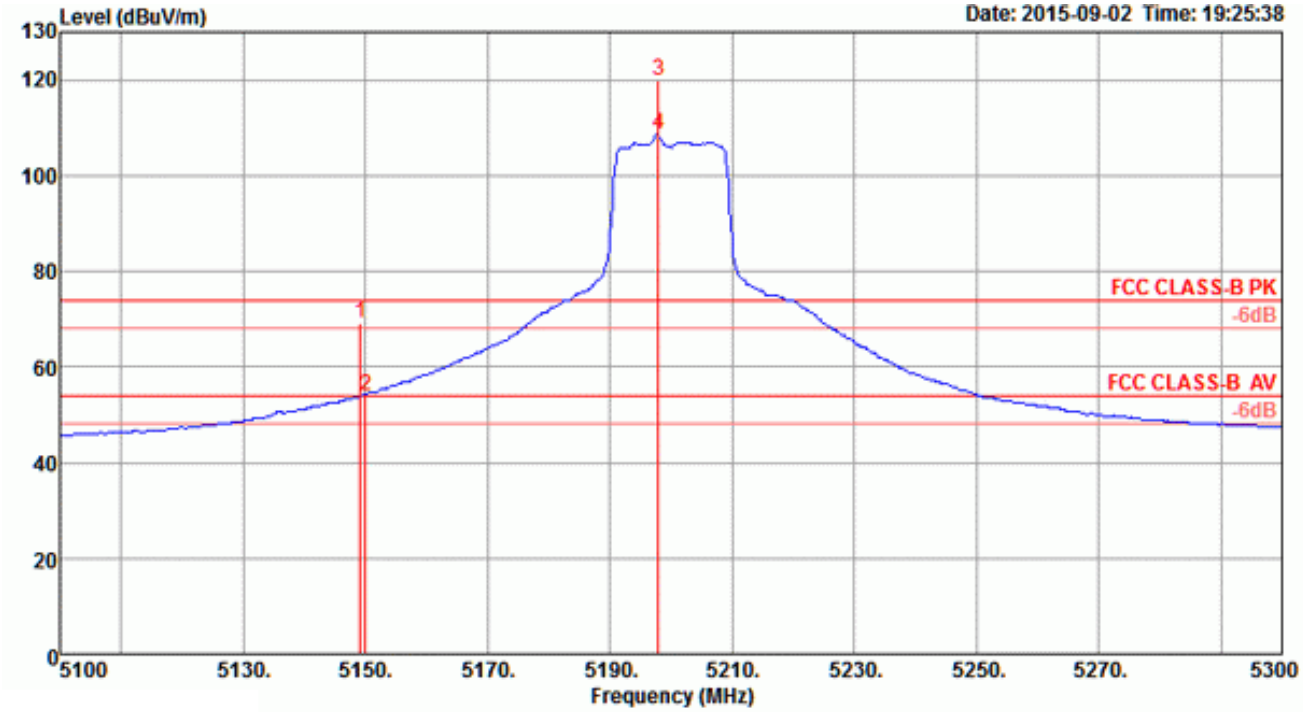


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5148.40	69.61	74.00	-4.39	66.55	4.26	33.27	34.47	353	310	Peak	HORIZONTAL
2	5150.00	53.81	54.00	-0.19	50.75	4.26	33.27	34.47	353	310	Average	HORIZONTAL
3	5177.60	112.91			109.78	4.27	33.33	34.47	353	310	Peak	HORIZONTAL
4	5178.00	102.29			99.16	4.27	33.33	34.47	353	310	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5180 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 40

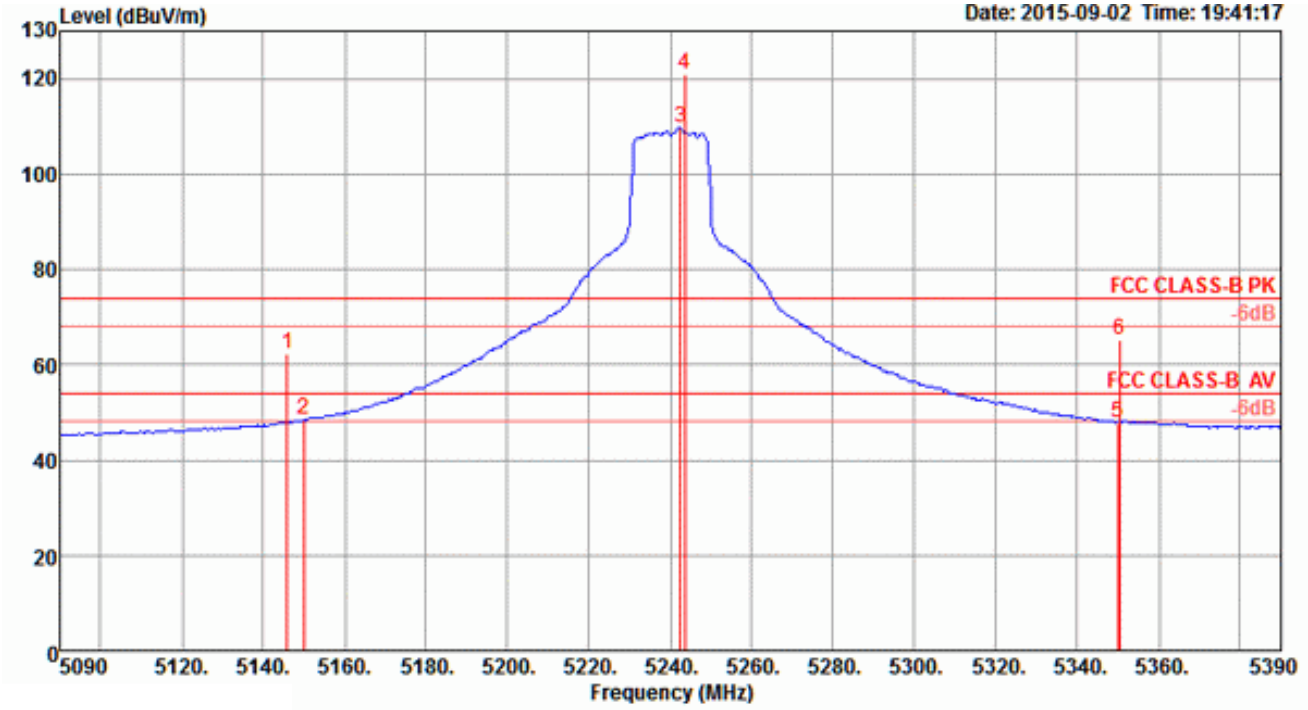


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5149.20	69.28	74.00	-4.72	66.22	4.26	33.27	34.47	294	188	Peak	HORIZONTAL
2	5150.00	53.95	54.00	-0.05	50.89	4.26	33.27	34.47	294	188	Average	HORIZONTAL
3	5198.00	119.68			116.51	4.28	33.36	34.47	294	188	Peak	HORIZONTAL
4	5198.00	108.51			105.34	4.28	33.36	34.47	294	188	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5200 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 48



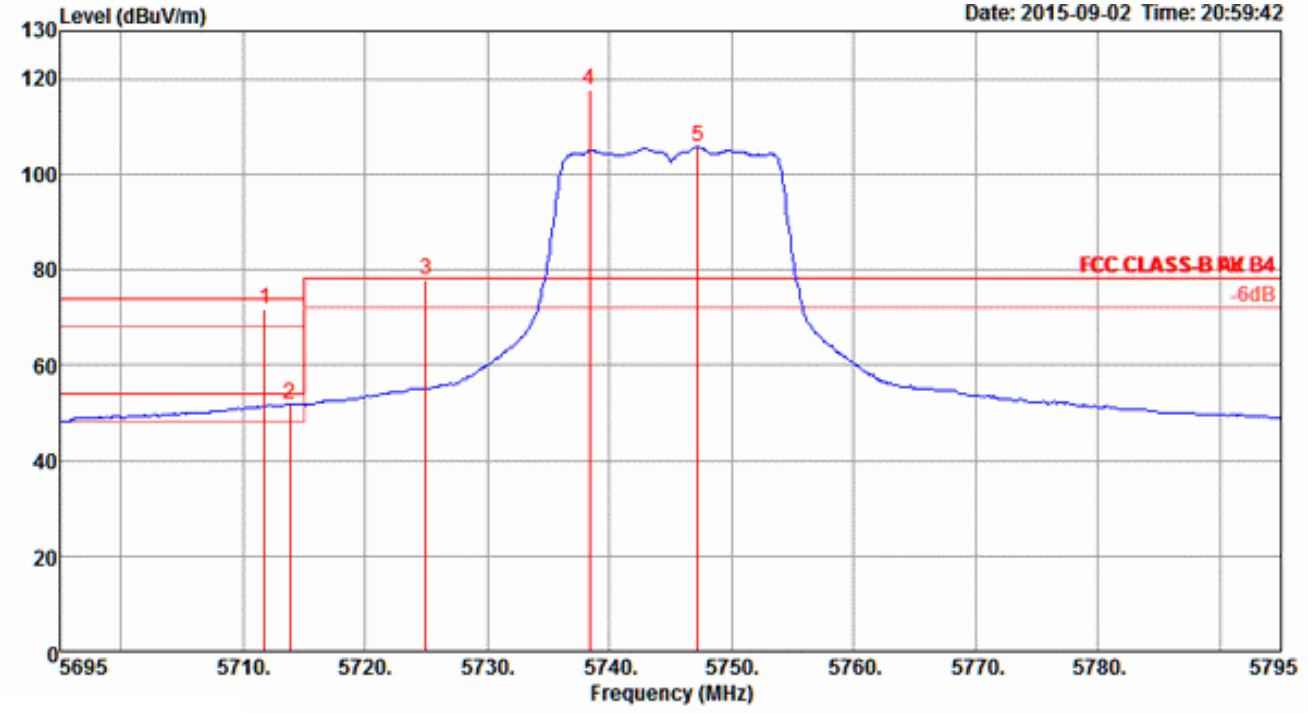
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5145.80	62.43	74.00	-11.57	59.37	4.26	33.27	34.47	52	242	Peak	HORIZONTAL
2	5150.00	48.42	54.00	-5.58	45.36	4.26	33.27	34.47	52	242	Average	HORIZONTAL
3	5242.40	109.83	54.00			4.30	33.45	34.47	52	242	Average	HORIZONTAL
4	5243.60	120.77	74.00			4.30	33.45	34.47	52	242	Peak	HORIZONTAL
5	5350.00	47.97	54.00	-6.03	44.46	4.35	33.63	34.47	52	242	Average	HORIZONTAL
6	5350.40	65.27	74.00	-8.73	61.76	4.35	33.63	34.47	52	242	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5240 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26℃	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT20 CH 149, 157, 165 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 149

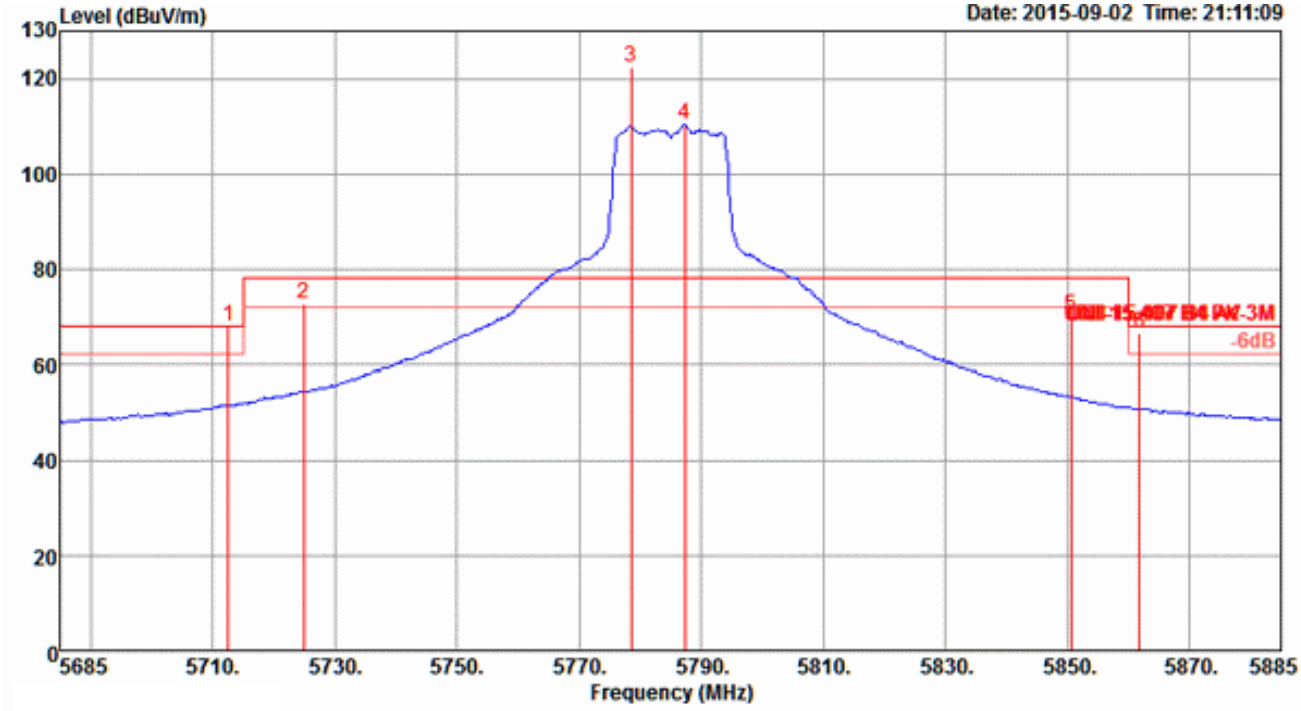


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5711.80	71.57	74.00	-2.43	67.07	4.49	34.52	34.51	42	175	Peak	HORIZONTAL
2	5713.80	51.81	54.00	-2.19	47.31	4.49	34.52	34.51	42	175	Average	HORIZONTAL
3	5725.00	77.96	78.20	-0.24	73.40	4.50	34.57	34.51	42	175	Peak	HORIZONTAL
4	5738.40	117.51			112.91	4.50	34.62	34.52	42	175	Peak	HORIZONTAL
5	5747.20	105.87			101.27	4.50	34.62	34.52	42	175	Average	HORIZONTAL

Item 4, 5 are the fundamental frequency at 5745 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 157

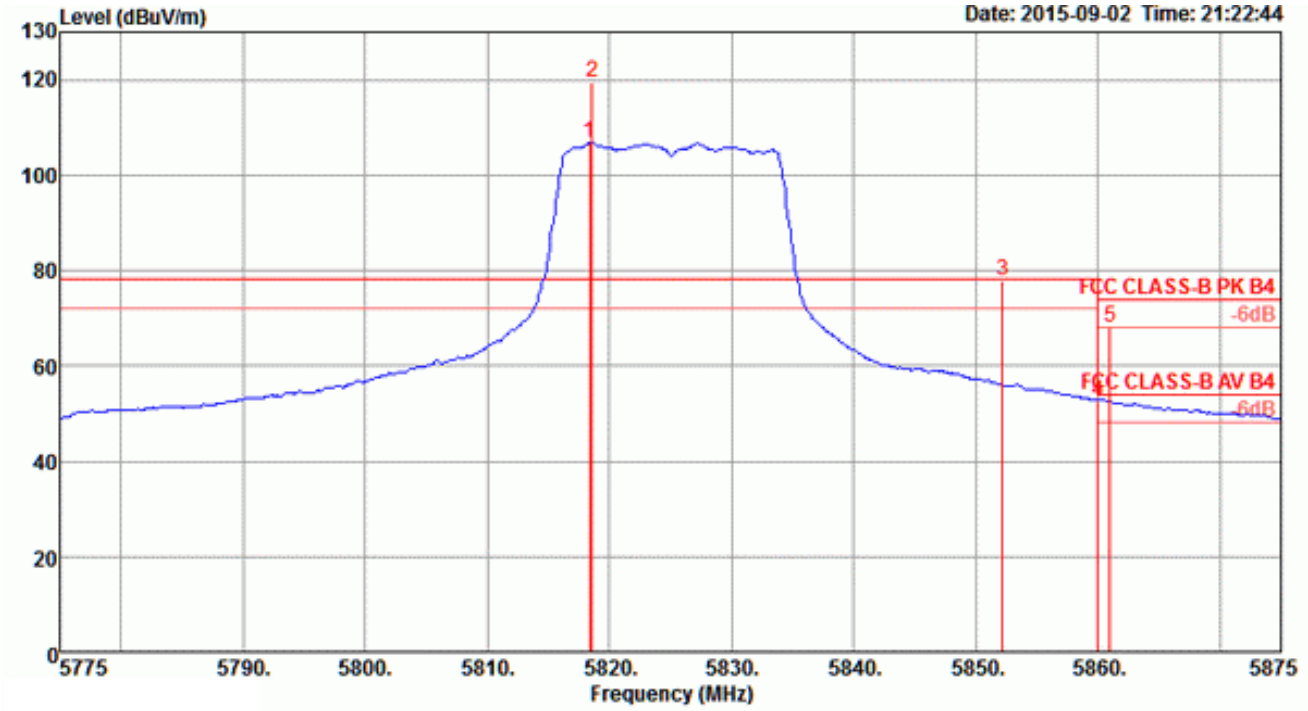


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5712.60	67.97	68.20	-0.23	63.47	4.49	34.52	34.51	45	168	Peak	HORIZONTAL
2	5725.00	72.86	78.20	-5.34	68.30	4.50	34.57	34.51	45	168	Peak	HORIZONTAL
3	5778.60	122.46			117.74	4.52	34.73	34.53	45	168	Peak	HORIZONTAL
4	5787.40	110.35			105.58	4.52	34.78	34.53	45	168	Average	HORIZONTAL
5	5850.60	70.38	78.20	-7.82	65.45	4.54	34.93	34.54	45	168	Peak	HORIZONTAL
6	5861.80	66.79	68.20	-1.41	61.79	4.55	34.99	34.54	45	168	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5785 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 165



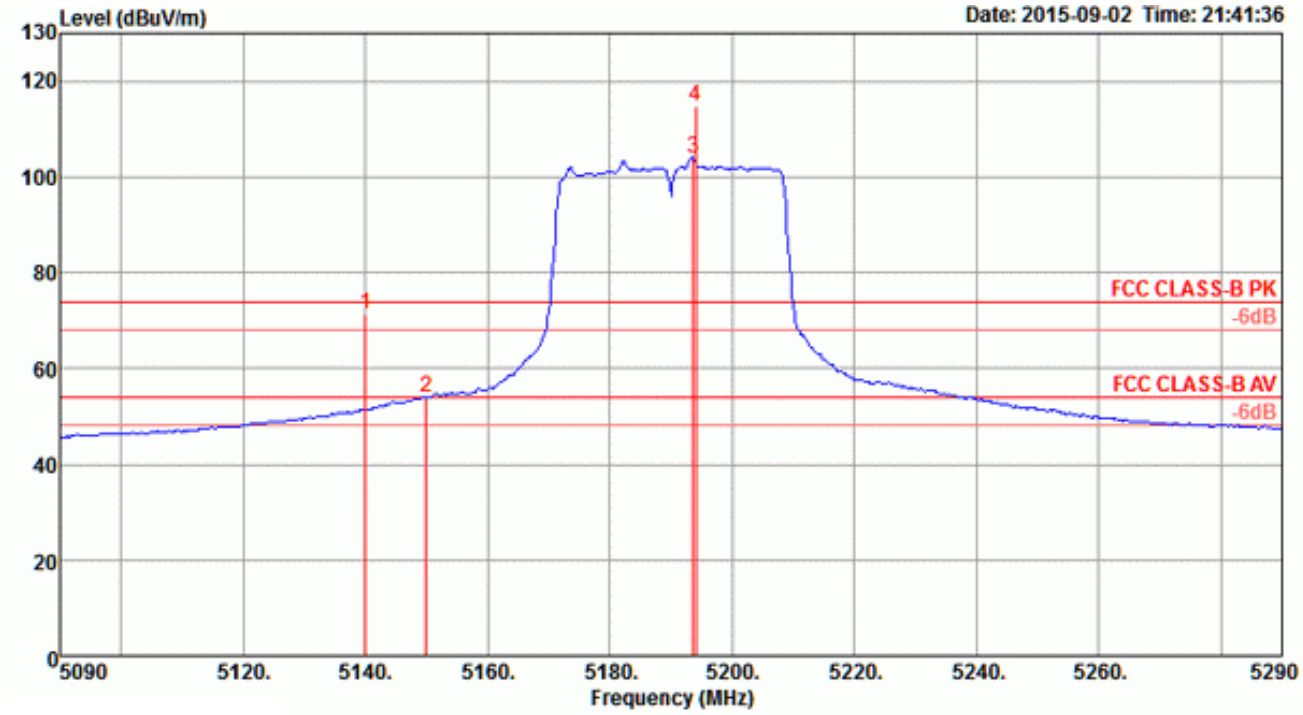
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5818.40	106.94			102.11	4.53	34.83	34.53	45	171	Average	HORIZONTAL
2	5818.60	119.33			114.50	4.53	34.83	34.53	45	171	Peak	HORIZONTAL
3	5852.20	77.93	78.20	-0.27	73.00	4.54	34.93	34.54	45	171	Peak	HORIZONTAL
4	5860.00	52.60	54.00	-1.40	47.60	4.55	34.99	34.54	45	171	Average	HORIZONTAL
5	5861.00	68.14	74.00	-5.86	63.14	4.55	34.99	34.54	45	171	Peak	HORIZONTAL

Item 1, 2 are the fundamental frequency at 5825 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT40 CH 38, 46 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 38

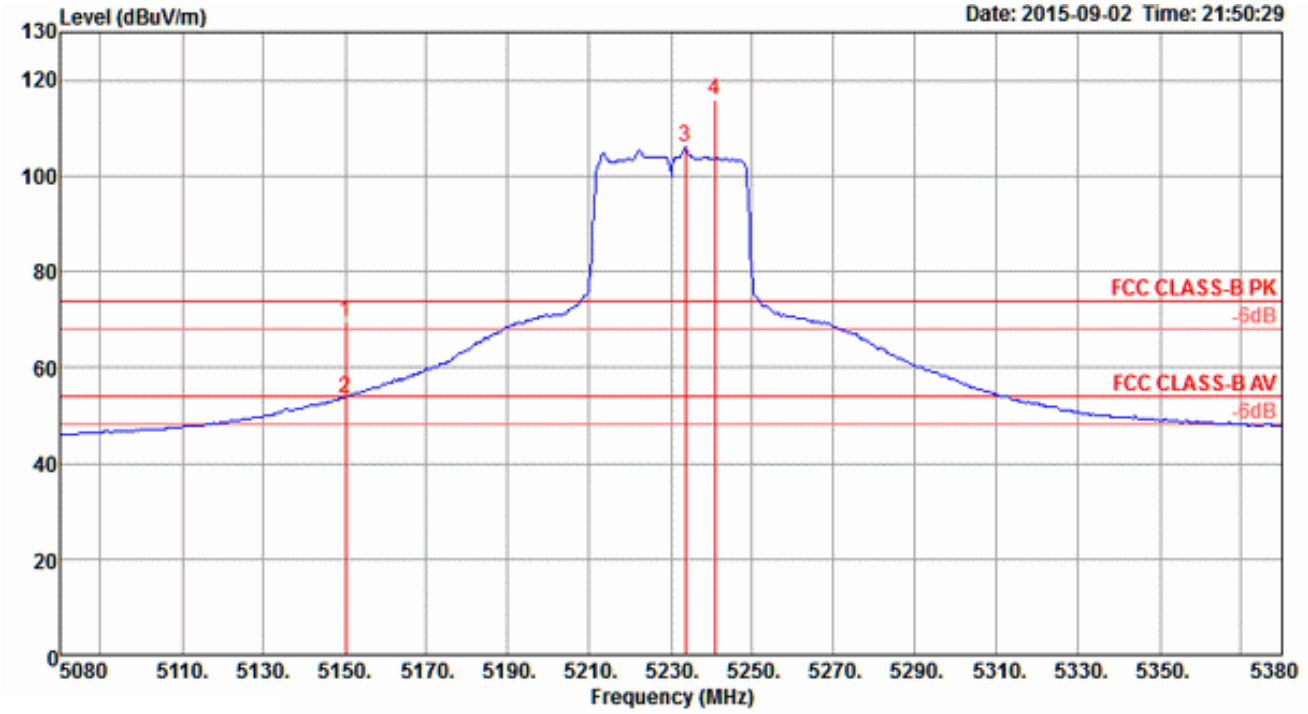


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5140.00	71.23	74.00	-2.77	68.17	4.26	33.27	34.47	318	182	Peak	HORIZONTAL
2	5150.00	53.79	54.00	-0.21	50.73	4.26	33.27	34.47	318	182	Average	HORIZONTAL
3	5193.60	104.04	54.00			4.28	33.36	34.47	318	182	Average	HORIZONTAL
4	5194.00	114.70	74.00			4.28	33.36	34.47	318	182	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5190 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 46



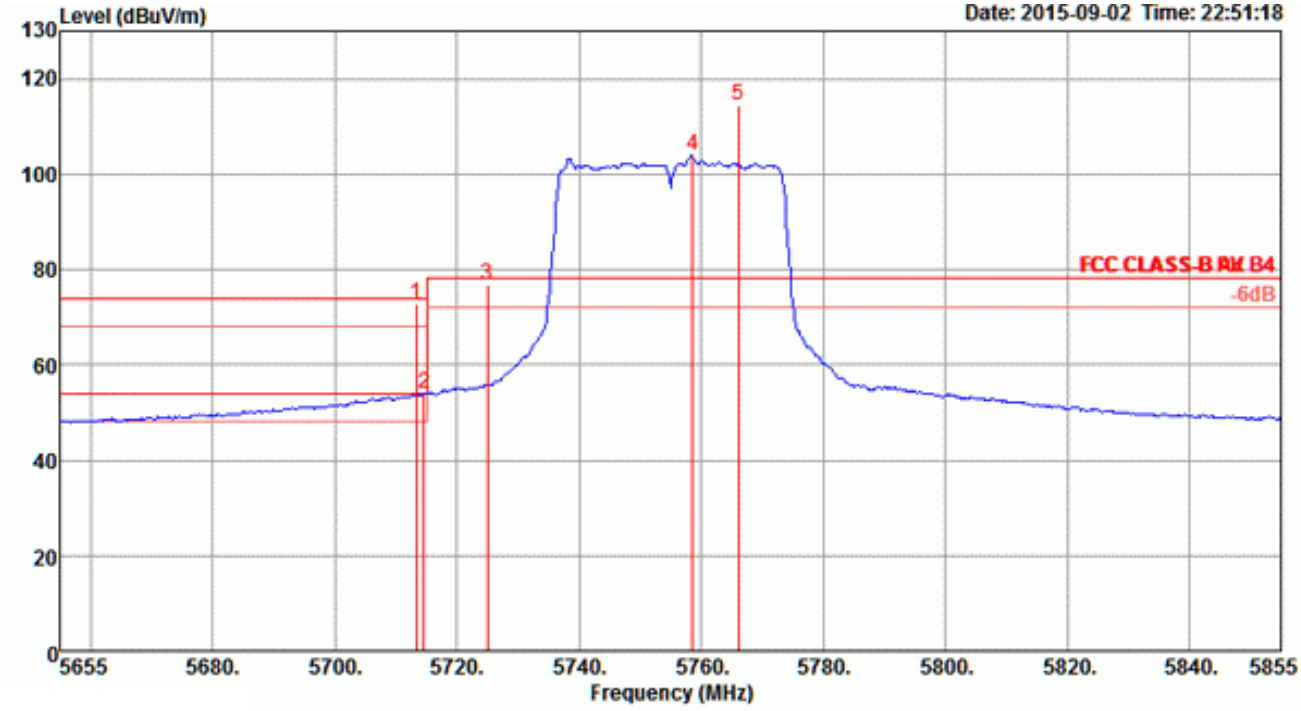
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5150.00	69.57	74.00	-4.43	66.51	4.26	33.27	34.47	325	184	Peak	HORIZONTAL
2	5150.00	53.73	54.00	-0.27	50.67	4.26	33.27	34.47	325	184	Average	HORIZONTAL
3	5233.60	106.06			102.81	4.30	33.42	34.47	325	184	Average	HORIZONTAL
4	5240.80	115.86			112.61	4.30	33.42	34.47	325	184	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5230 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT40 CH 151, 159 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 151

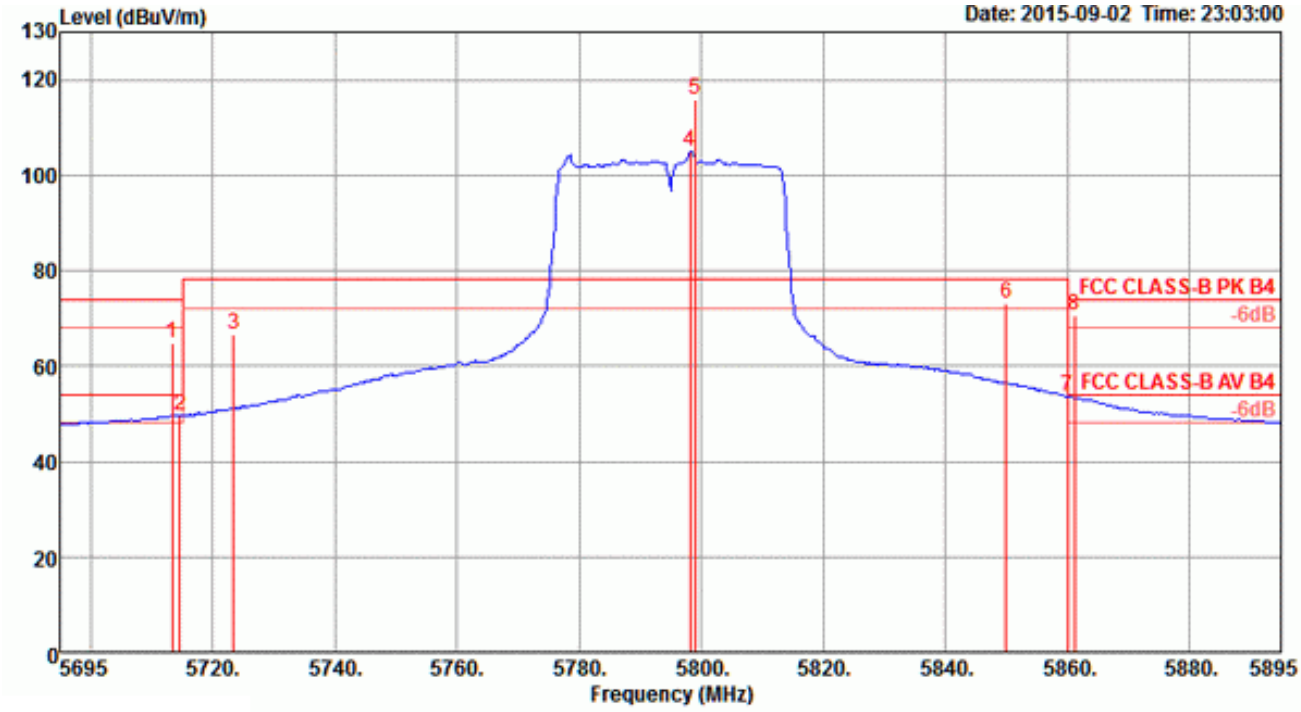


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5713.40	72.68	74.00	-1.32	68.18	4.49	34.52	34.51	51	205	Peak	HORIZONTAL
2	5714.60	53.78	54.00	-0.22	49.28	4.49	34.52	34.51	51	205	Average	HORIZONTAL
3	5725.00	76.92	78.20	-1.28	72.36	4.50	34.57	34.51	51	205	Peak	HORIZONTAL
4	5758.60	103.87			99.21	4.51	34.68	34.53	51	205	Average	HORIZONTAL
5	5766.20	114.28			109.62	4.51	34.68	34.53	51	205	Peak	HORIZONTAL

Item 4, 5 are the fundamental frequency at 5755 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 159



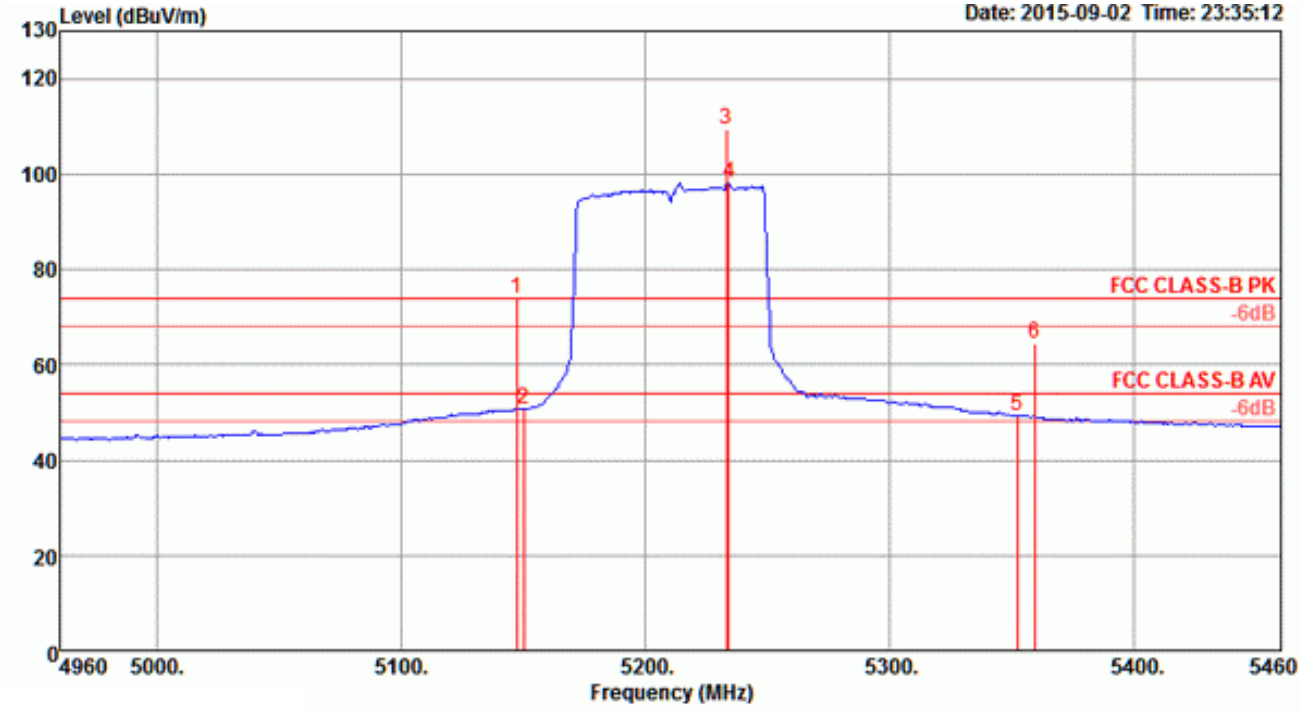
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5713.40	64.90	74.00	-9.10	60.40	4.49	34.52	34.51	55	209	Peak	HORIZONTAL
2	5714.60	49.48	54.00	-4.52	44.98	4.49	34.52	34.51	55	209	Average	HORIZONTAL
3	5723.40	66.69	78.20	-11.51	62.13	4.50	34.57	34.51	55	209	Peak	HORIZONTAL
4	5798.20	104.88			100.11	4.52	34.78	34.53	55	209	Average	HORIZONTAL
5	5799.00	115.89			111.12	4.52	34.78	34.53	55	209	Peak	HORIZONTAL
6	5850.00	73.22	78.20	-4.98	68.29	4.54	34.93	34.54	55	209	Peak	HORIZONTAL
7	5860.00	53.54	54.00	-0.46	48.54	4.55	34.99	34.54	55	209	Average	HORIZONTAL
8	5861.20	70.57	74.00	-3.43	65.57	4.55	34.99	34.54	55	209	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5795 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss4 VHT80 CH 42, 155 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 42

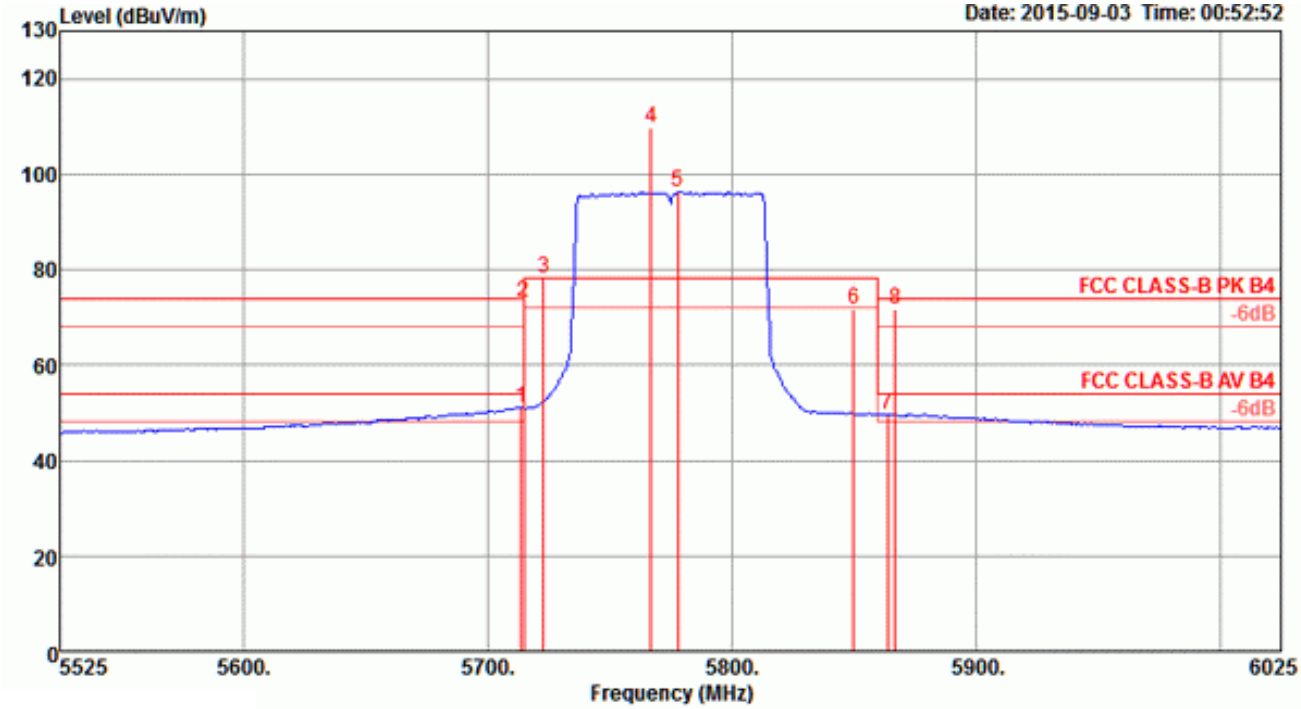


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5147.00	73.72	74.00	-0.28	70.66	4.26	33.27	34.47	315	194	Peak	HORIZONTAL
2	5150.00	50.59	54.00	-3.41	47.53	4.26	33.27	34.47	315	194	Average	HORIZONTAL
3	5233.00	109.44	74.00			4.30	33.42	34.47	315	194	Peak	HORIZONTAL
4	5234.00	98.02	54.00			4.30	33.42	34.47	315	194	Average	HORIZONTAL
5	5352.00	49.36	54.00	-4.64	45.85	4.35	33.63	34.47	315	194	Average	HORIZONTAL
6	5359.00	64.63	74.00	-9.37	61.12	4.35	33.63	34.47	315	194	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5210 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 155



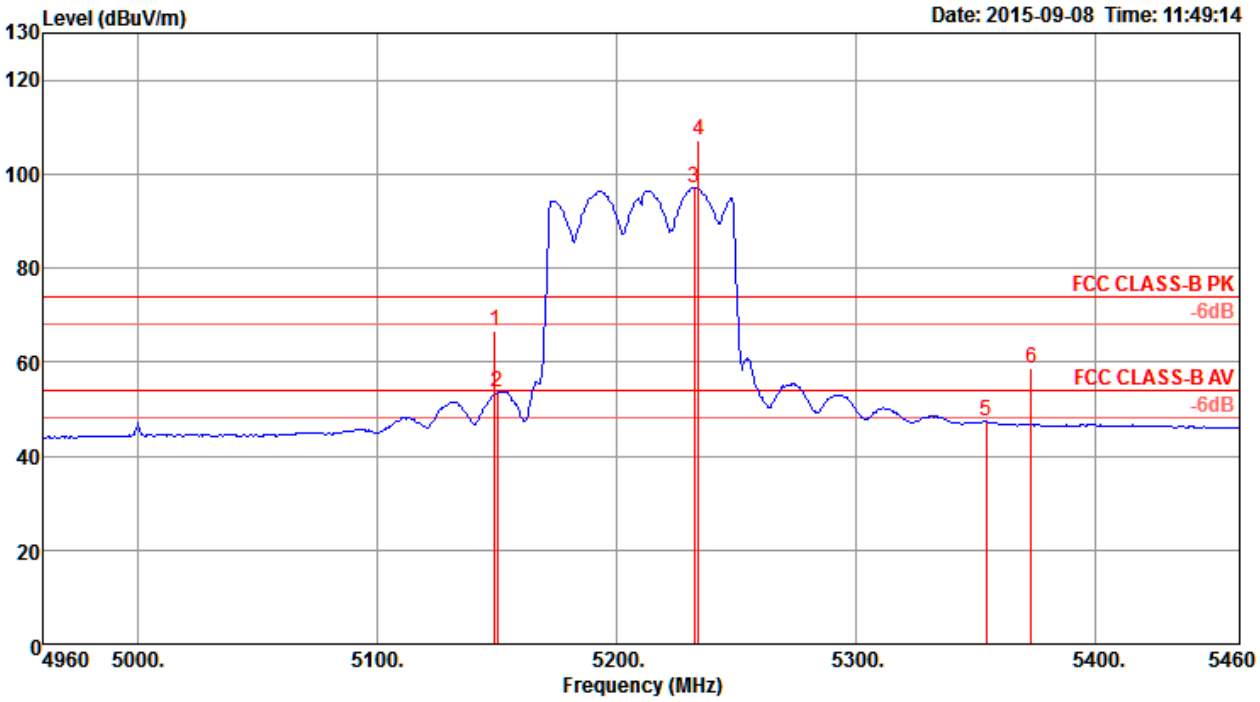
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5714.00	50.89	54.00	-3.11	46.39	4.49	34.52	34.51	53	166	Average	HORIZONTAL
2	5715.00	73.17	74.00	-0.83	68.67	4.49	34.52	34.51	53	166	Peak	HORIZONTAL
3	5723.00	78.16	78.20	-0.04	73.60	4.50	34.57	34.51	53	166	Peak	HORIZONTAL
4	5767.00	109.82			105.16	4.51	34.68	34.53	53	166	Peak	HORIZONTAL
5	5778.00	96.36			91.64	4.52	34.73	34.53	53	166	Average	HORIZONTAL
6	5850.00	71.70	78.20	-6.50	66.77	4.54	34.93	34.54	53	166	Peak	HORIZONTAL
7	5864.00	49.72	54.00	-4.28	44.72	4.55	34.99	34.54	53	166	Average	HORIZONTAL
8	5867.00	71.64	74.00	-2.36	66.64	4.55	34.99	34.54	53	166	Peak	HORIZONTAL

Item 4, 5 are the fundamental frequency at 5775 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80+80 Type 1 / CH 42+155 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 42

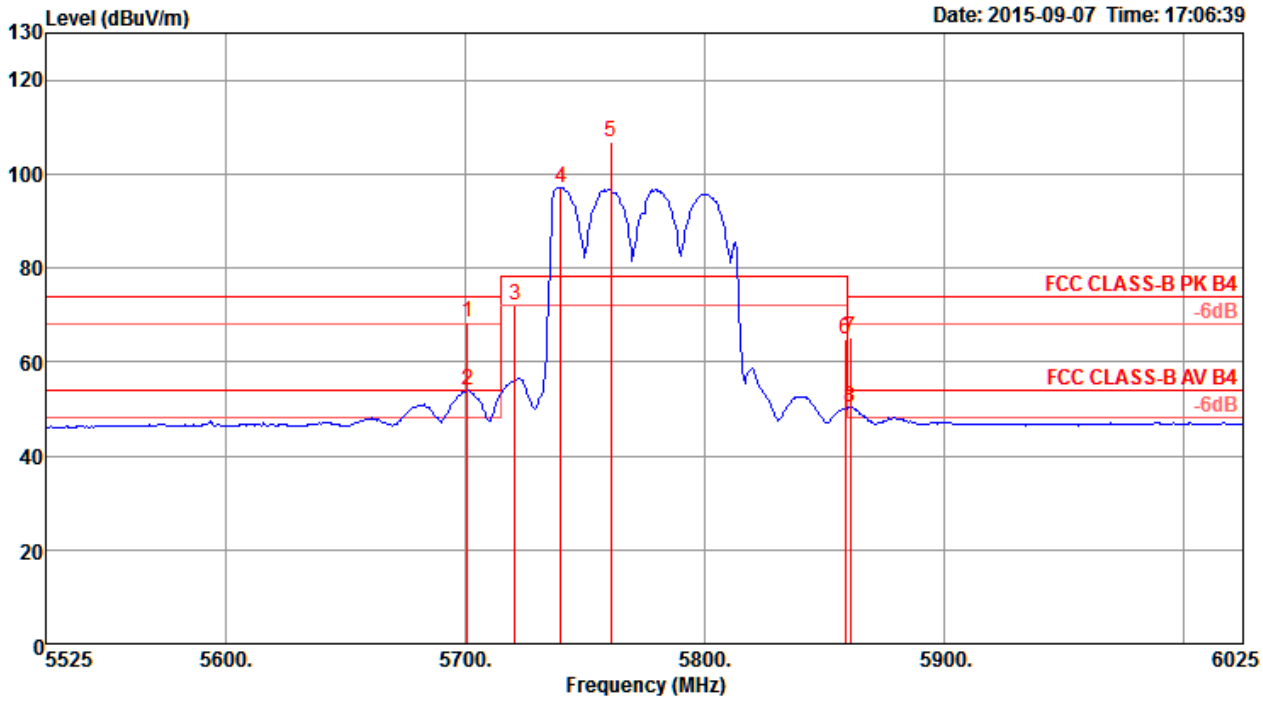


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5149.00	66.80	74.00	-7.20	63.74	4.26	33.27	34.47	299	214	Peak	HORIZONTAL
2	5150.00	53.49	54.00	-0.51	50.43	4.26	33.27	34.47	299	214	Average	HORIZONTAL
3	5232.00	97.00			93.75	4.30	33.42	34.47	299	214	Average	HORIZONTAL
4	5234.00	107.08			103.83	4.30	33.42	34.47	299	214	Peak	HORIZONTAL
5	5354.00	47.41	54.00	-6.59	43.90	4.35	33.63	34.47	299	214	Average	HORIZONTAL
6	5373.00	58.71	74.00	-15.29	55.16	4.36	33.66	34.47	299	214	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5210 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 155



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5701.00	68.57	74.00	-5.43	64.07	4.49	34.52	34.51	314	228	Peak	HORIZONTAL
2	5701.00	53.90	54.00	-0.10	49.40	4.49	34.52	34.51	314	228	Average	HORIZONTAL
3	5721.00	72.03	78.20	-6.17	67.47	4.50	34.57	34.51	314	228	Peak	HORIZONTAL
4	5740.00	97.21			92.61	4.50	34.62	34.52	314	228	Average	HORIZONTAL
5	5761.00	106.76			102.10	4.51	34.68	34.53	314	228	Peak	HORIZONTAL
6	5859.00	64.86	78.20	-13.34	59.86	4.55	34.99	34.54	314	228	Peak	HORIZONTAL
7	5861.00	65.30	74.00	-8.70	60.30	4.55	34.99	34.54	314	228	Peak	HORIZONTAL
8	5861.00	50.28	54.00	-3.72	45.28	4.55	34.99	34.54	314	228	Average	HORIZONTAL

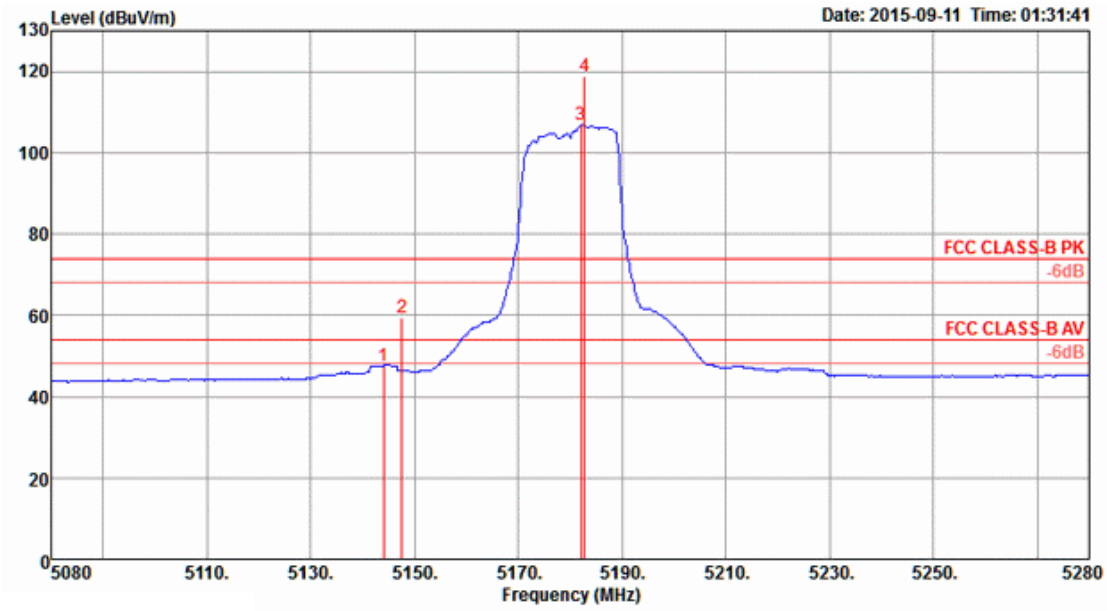
Item 4, 5 are the fundamental frequency at 5775 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

<For Radio 2 Beamforming Mode>

Temperature	26℃	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 36

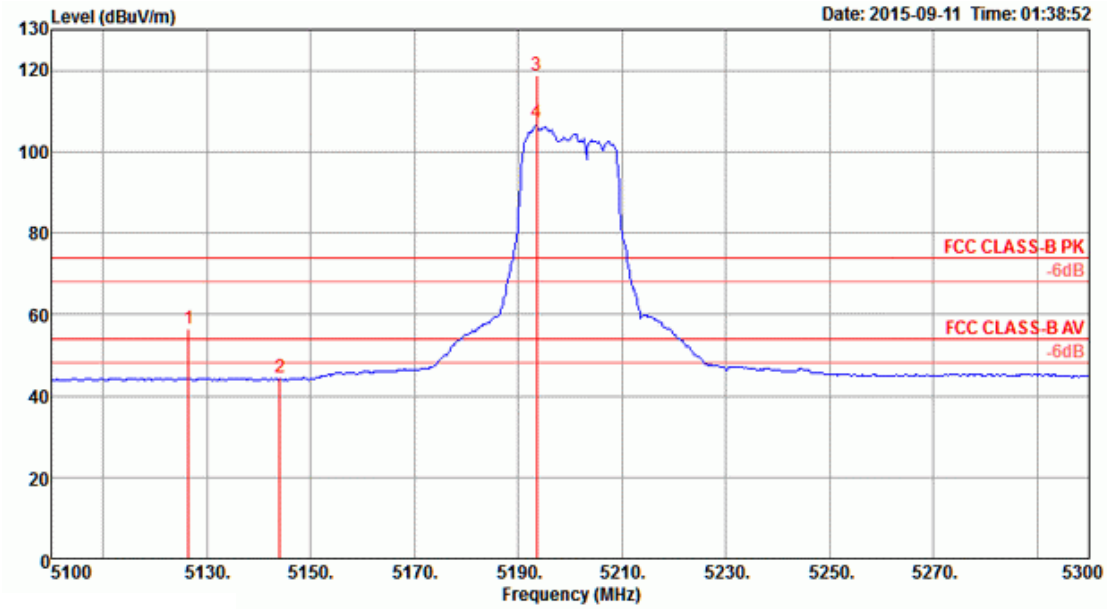


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5144.00	47.55	54.00	-6.45	44.49	4.26	33.27	34.47	285	151	Average	HORIZONTAL
2	5147.60	59.44	74.00	-14.56	56.38	4.26	33.27	34.47	285	151	Peak	HORIZONTAL
3	5182.00	106.78			103.65	4.27	33.33	34.47	285	151	Average	HORIZONTAL
4	5182.80	118.71			115.58	4.27	33.33	34.47	285	151	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5180 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 40

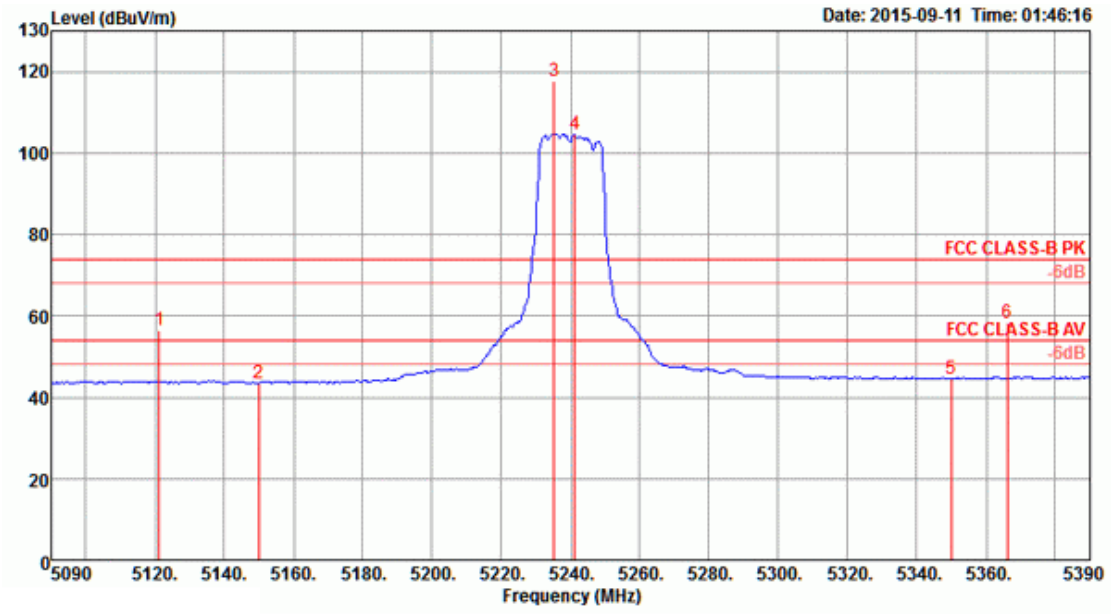


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5126.40	56.66	74.00	-17.34	53.64	4.25	33.24	34.47	38	178	Peak	HORIZONTAL
2	5144.00	44.63	54.00	-9.37	41.57	4.26	33.27	34.47	38	178	Average	HORIZONTAL
3	5193.60	118.94			115.77	4.28	33.36	34.47	38	178	Peak	HORIZONTAL
4	5193.60	107.04			103.87	4.28	33.36	34.47	38	178	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5200 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 48



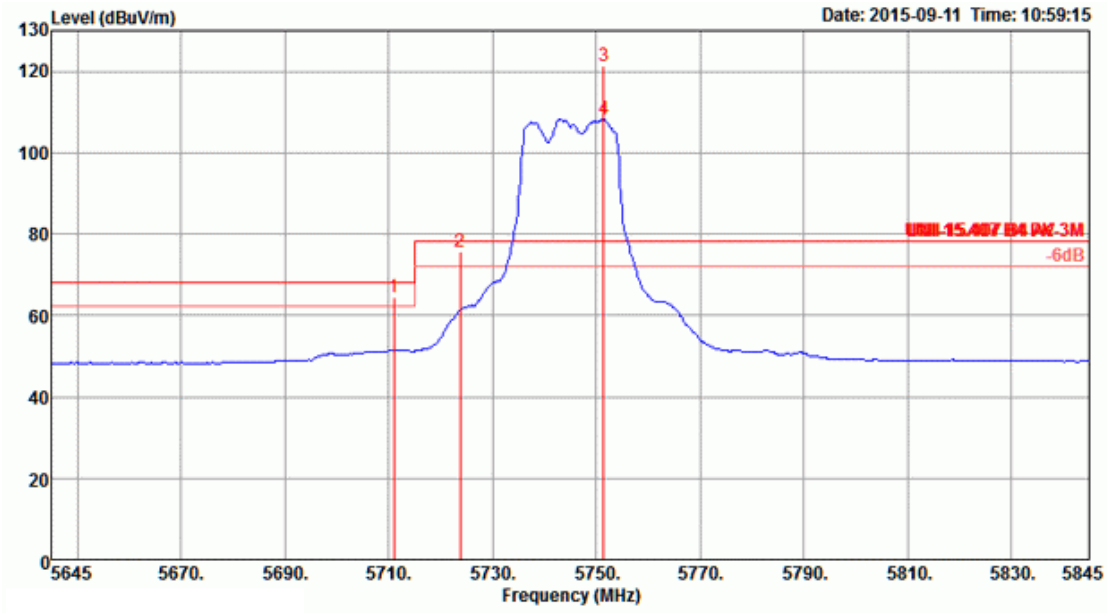
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5121.20	56.56	74.00	-17.44	53.58	4.24	33.21	34.47	37	163	Peak	HORIZONTAL
2	5150.00	43.55	54.00	-10.45	40.49	4.26	33.27	34.47	37	163	Average	HORIZONTAL
3	5235.20	117.60			114.35	4.30	33.42	34.47	37	163	Peak	HORIZONTAL
4	5241.20	104.74			101.49	4.30	33.42	34.47	37	163	Average	HORIZONTAL
5	5350.00	44.62	54.00	-9.38	41.11	4.35	33.63	34.47	37	163	Average	HORIZONTAL
6	5366.00	58.21	74.00	-15.79	54.66	4.36	33.66	34.47	37	163	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5240 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26℃	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 149

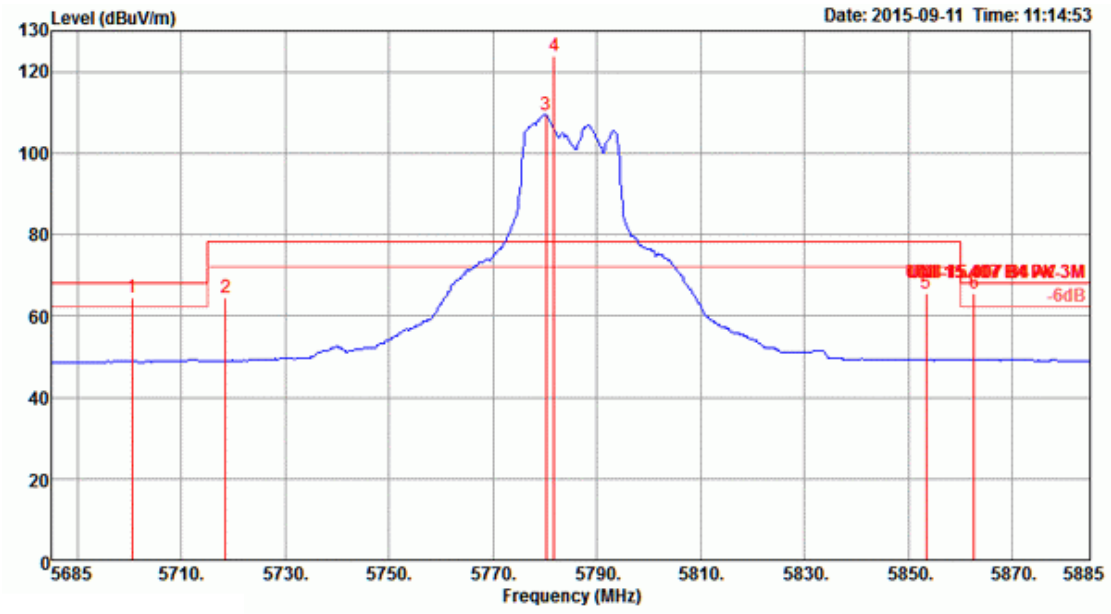


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5711.00	64.28	68.20	-3.92	59.78	4.49	34.52	34.51	49	156	Peak	HORIZONTAL
2	5723.80	75.61	78.20	-2.59	71.05	4.50	34.57	34.51	49	156	Peak	HORIZONTAL
3	5751.40	121.25			116.65	4.50	34.62	34.52	49	156	Peak	HORIZONTAL
4	5751.40	108.40			103.80	4.50	34.62	34.52	49	156	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5745 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 157

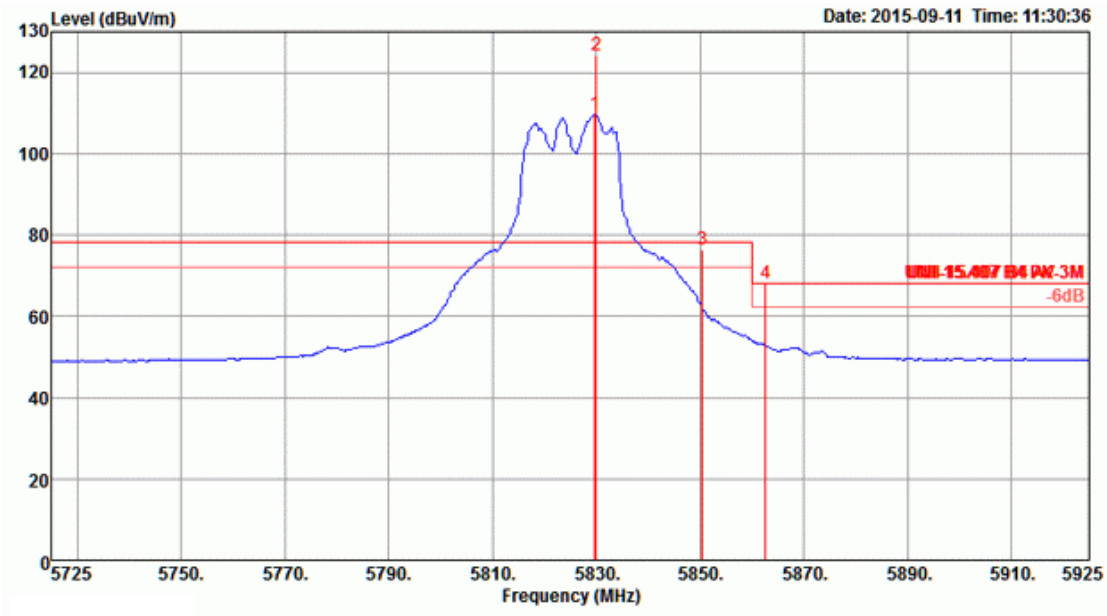


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5700.60	64.44	68.20	-3.76	59.94	4.49	34.52	34.51	318	272	Peak	HORIZONTAL
2	5718.60	64.50	78.20	-13.70	59.94	4.50	34.57	34.51	318	272	Peak	HORIZONTAL
3	5780.20	109.20			104.48	4.52	34.73	34.53	318	272	Average	HORIZONTAL
4	5781.80	124.01			119.29	4.52	34.73	34.53	318	272	Peak	HORIZONTAL
5	5853.40	65.56	78.20	-12.64	60.63	4.54	34.93	34.54	318	272	Peak	HORIZONTAL
6	5862.60	65.45	68.20	-2.75	60.45	4.55	34.99	34.54	318	272	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5785 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 165



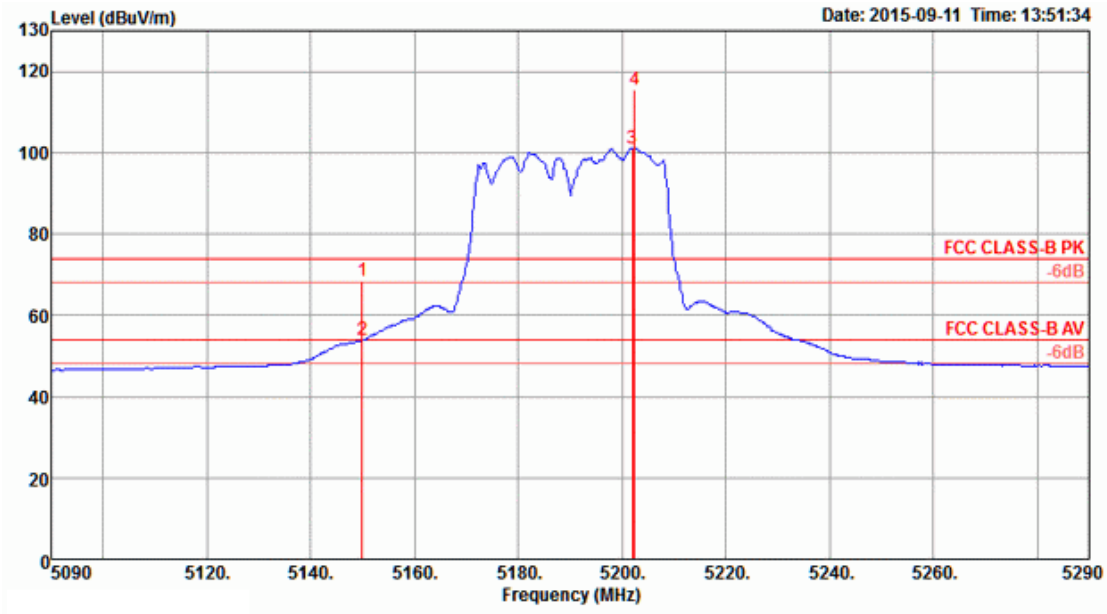
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5829.80	109.60			104.72	4.53	34.88	34.53	316	212	Average	HORIZONTAL
2	5830.00	124.30			119.42	4.53	34.88	34.53	316	212	Peak	HORIZONTAL
3	5850.40	76.44	78.20	-1.76	71.51	4.54	34.93	34.54	316	212	Peak	HORIZONTAL
4	5862.60	68.07	68.20	-0.13	63.07	4.55	34.99	34.54	316	212	Peak	HORIZONTAL

Item 1, 2 are the fundamental frequency at 5825 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 38

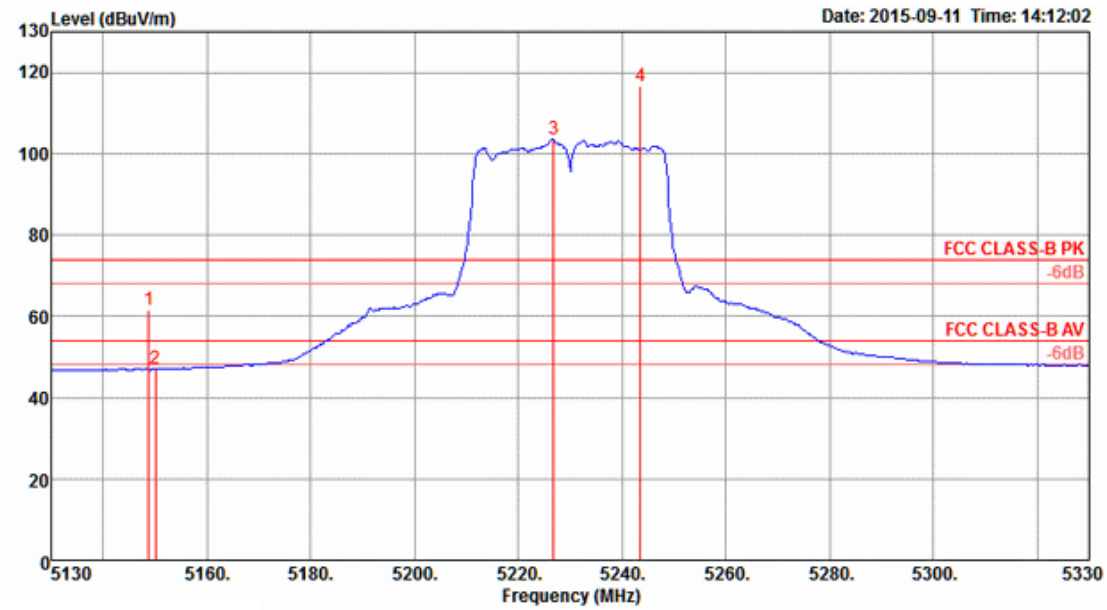


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5150.00	68.31	74.00	-5.69	65.25	4.26	33.27	34.47	301	294	Peak	HORIZONTAL
2	5150.00	53.86	54.00	-0.14	50.80	4.26	33.27	34.47	301	294	Average	HORIZONTAL
3	5202.00	101.12			97.95	4.28	33.36	34.47	301	294	Average	HORIZONTAL
4	5202.40	115.58			112.41	4.28	33.36	34.47	301	294	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5190 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 46



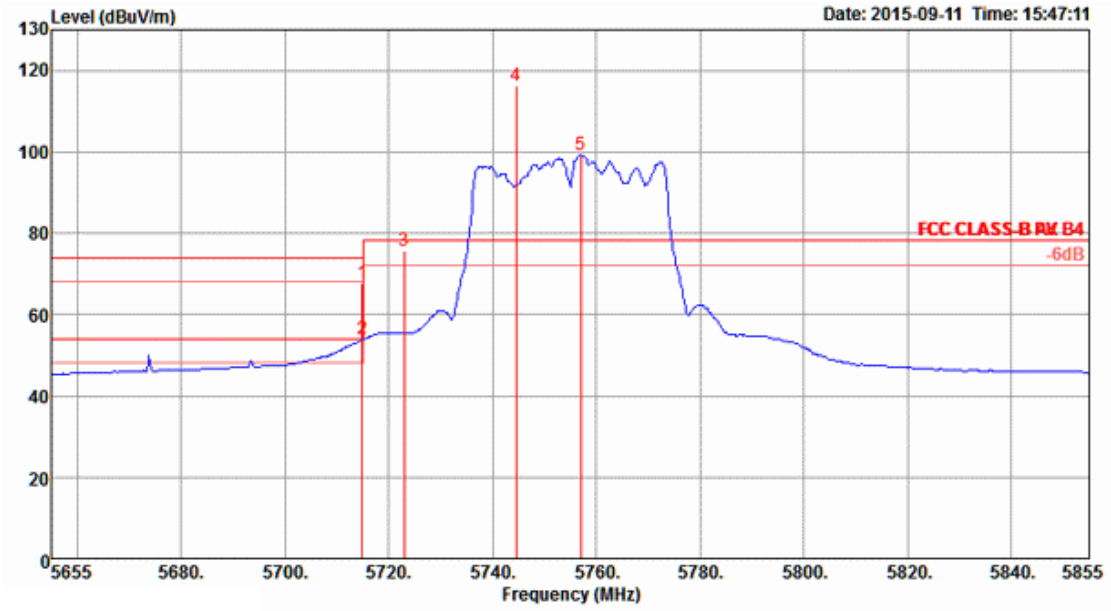
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5148.80	61.61	74.00	-12.39	58.55	4.26	33.27	34.47	311	193	Peak	HORIZONTAL
2	5150.00	47.00	54.00	-7.00	43.94	4.26	33.27	34.47	311	193	Average	HORIZONTAL
3	5226.80	103.55			100.30	4.30	33.42	34.47	311	193	Average	HORIZONTAL
4	5243.60	116.61			113.33	4.30	33.45	34.47	311	193	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5230 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 151

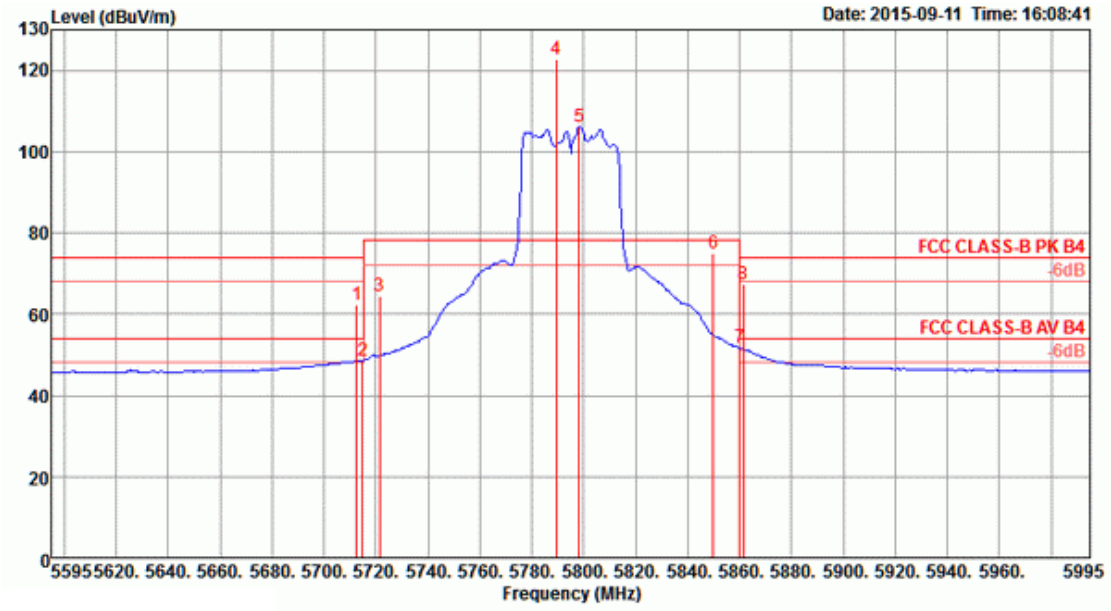


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5715.00	67.75	74.00	-6.25	63.25	4.49	34.52	34.51	290	296	Peak	HORIZONTAL
2	5715.00	53.83	54.00	-0.17	49.33	4.49	34.52	34.51	290	296	Average	HORIZONTAL
3	5723.00	75.84	78.20	-2.36	71.28	4.50	34.57	34.51	290	296	Peak	HORIZONTAL
4	5744.60	116.16			111.56	4.50	34.62	34.52	290	296	Peak	HORIZONTAL
5	5757.00	99.18			94.52	4.51	34.68	34.53	290	296	Average	HORIZONTAL

Item 4, 5 are the fundamental frequency at 5755 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 159



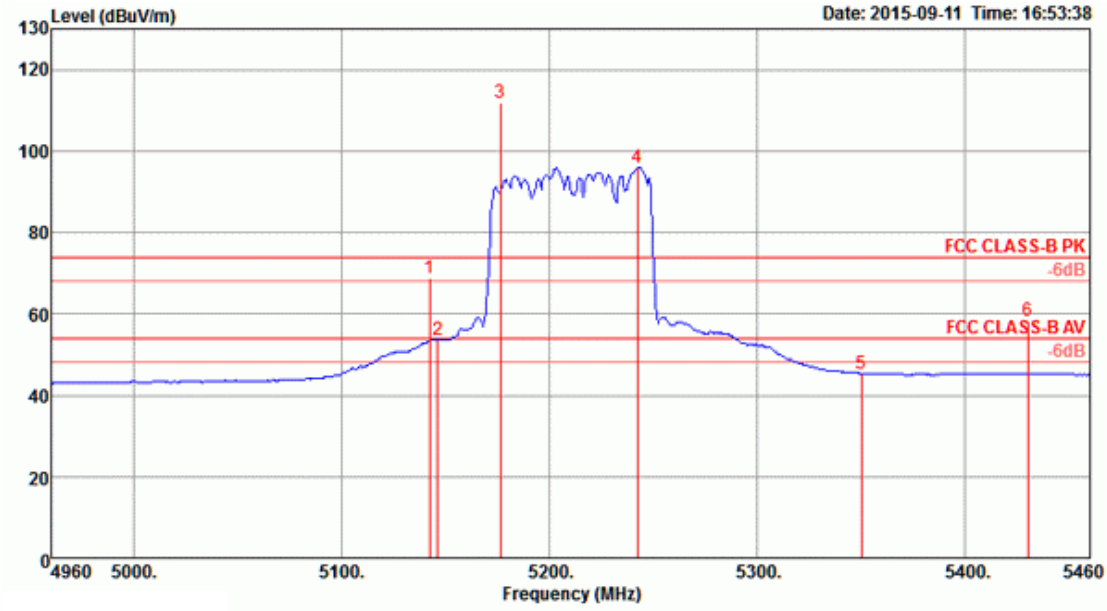
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5712.60	62.44	74.00	-11.56	57.94	4.49	34.52	34.51	309	191	Peak	HORIZONTAL
2	5715.00	48.46	54.00	-5.54	43.96	4.49	34.52	34.51	309	191	Average	HORIZONTAL
3	5721.40	64.53	78.20	-13.67	59.97	4.50	34.57	34.51	309	191	Peak	HORIZONTAL
4	5789.40	122.65			117.88	4.52	34.78	34.53	309	191	Peak	HORIZONTAL
5	5798.20	106.01			101.24	4.52	34.78	34.53	309	191	Average	HORIZONTAL
6	5850.00	74.82	78.20	-3.38	69.89	4.54	34.93	34.54	309	191	Peak	HORIZONTAL
7	5860.00	51.70	54.00	-2.30	46.70	4.55	34.99	34.54	309	191	Average	HORIZONTAL
8	5861.40	67.44	74.00	-6.56	62.44	4.55	34.99	34.54	309	191	Peak	HORIZONTAL

Item 4, 5 are the fundamental frequency at 5795 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 155 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 42

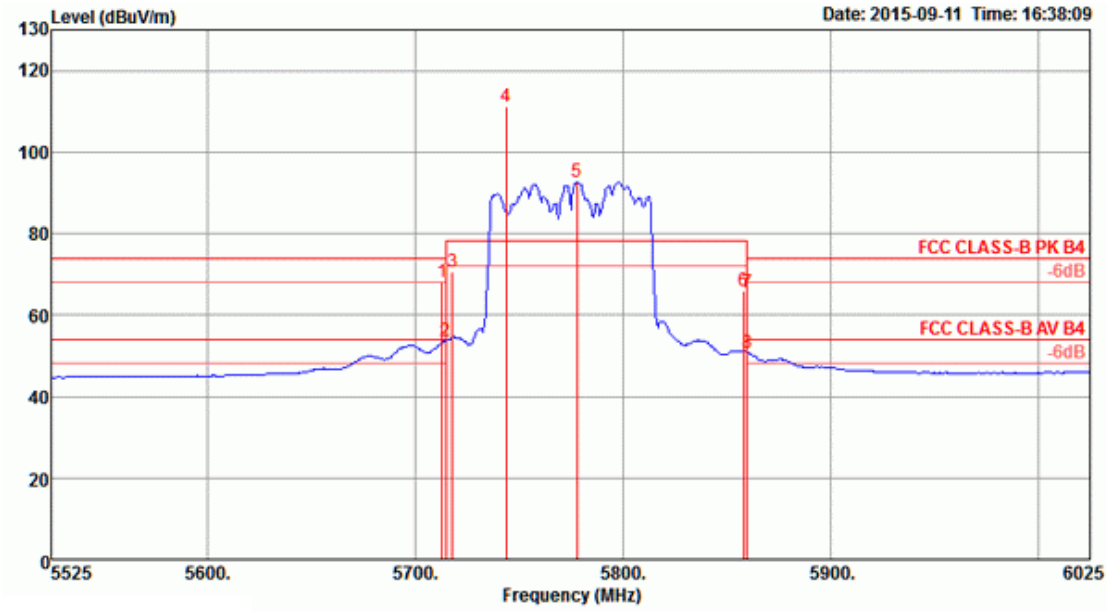


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5142.00	68.69	74.00	-5.31	65.63	4.26	33.27	34.47	296	290	Peak	HORIZONTAL
2	5146.00	53.77	54.00	-0.23	50.71	4.26	33.27	34.47	296	290	Average	HORIZONTAL
3	5176.00	111.99	74.00			4.27	33.33	34.47	296	290	Peak	HORIZONTAL
4	5242.00	96.13	54.00			4.30	33.45	34.47	296	290	Average	HORIZONTAL
5	5350.00	45.42	54.00	-8.58	41.91	4.35	33.63	34.47	296	290	Average	HORIZONTAL
6	5430.00	58.26	74.00	-15.74	54.56	4.39	33.78	34.47	296	290	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5210 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 155



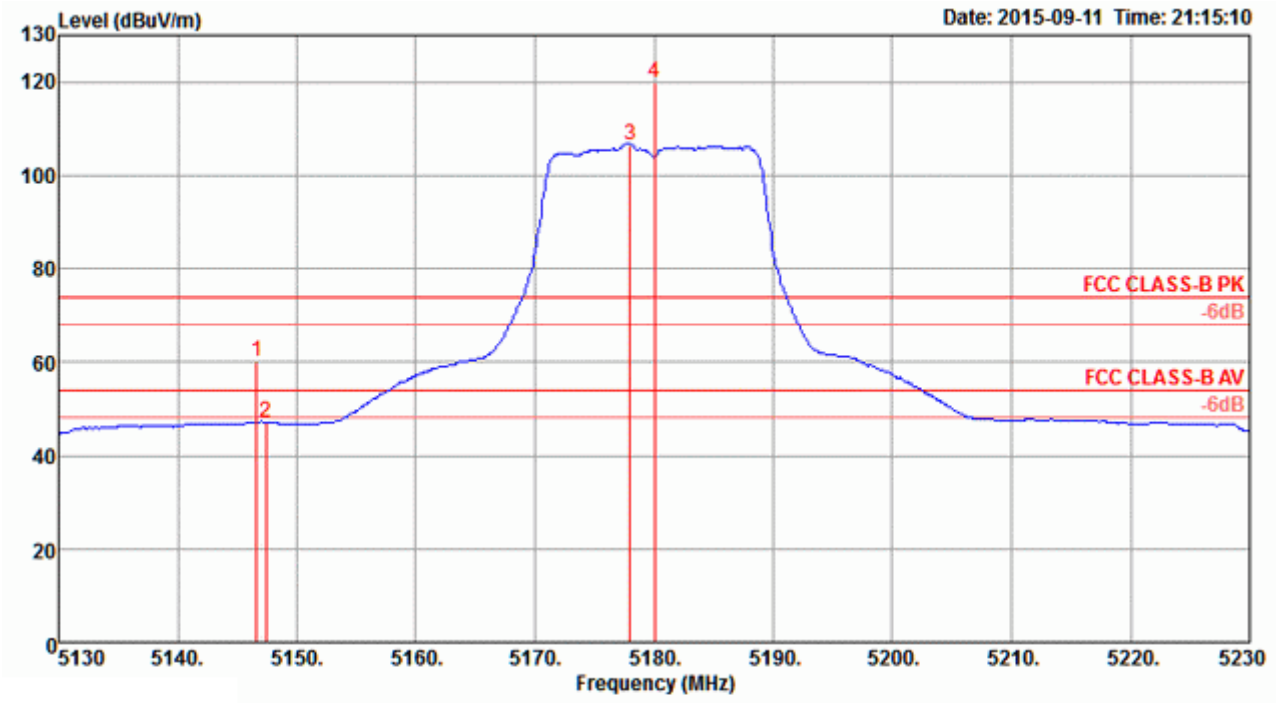
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5713.00	68.06	74.00	-5.94	63.56	4.49	34.52	34.51	294	309	Peak	HORIZONTAL
2	5715.00	53.62	54.00	-0.38	49.12	4.49	34.52	34.51	294	309	Average	HORIZONTAL
3	5718.00	70.46	78.20	-7.74	65.90	4.50	34.57	34.51	294	309	Peak	HORIZONTAL
4	5744.00	111.11	78.20			4.50	34.62	34.52	294	309	Peak	HORIZONTAL
5	5778.00	92.72	78.20			4.52	34.73	34.53	294	309	Average	HORIZONTAL
6	5858.00	66.02	78.20	-12.18	61.02	4.55	34.99	34.54	294	309	Peak	HORIZONTAL
7	5860.00	65.61	74.00	-8.39	60.61	4.55	34.99	34.54	294	309	Peak	HORIZONTAL
8	5860.00	50.78	54.00	-3.22	45.78	4.55	34.99	34.54	294	309	Average	HORIZONTAL

Item 4, 5 are the fundamental frequency at 5775 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26℃	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 36, 40, 48 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 36

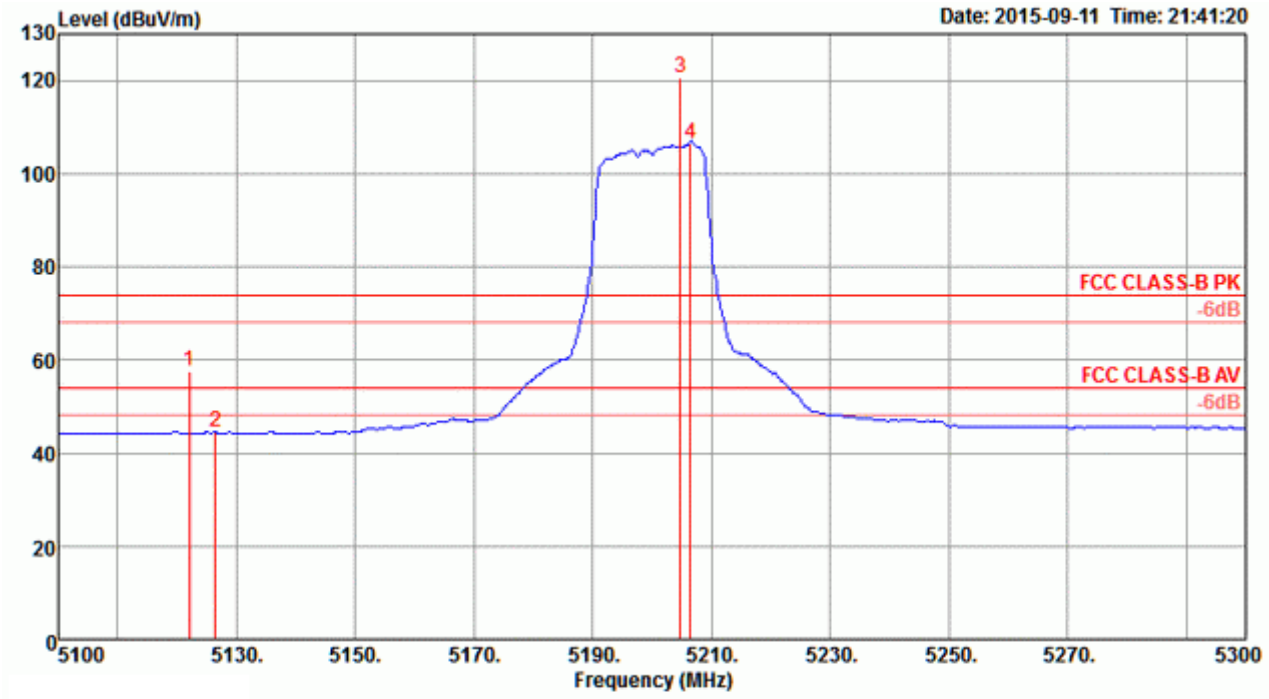


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5146.60	60.13	74.00	-13.87	57.07	4.26	33.27	34.47	286	152	Peak	HORIZONTAL
2	5147.40	47.16	54.00	-6.84	44.10	4.26	33.27	34.47	286	152	Average	HORIZONTAL
3	5178.00	106.57			103.44	4.27	33.33	34.47	286	152	Average	HORIZONTAL
4	5180.00	119.69			116.56	4.27	33.33	34.47	286	152	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5180 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 40

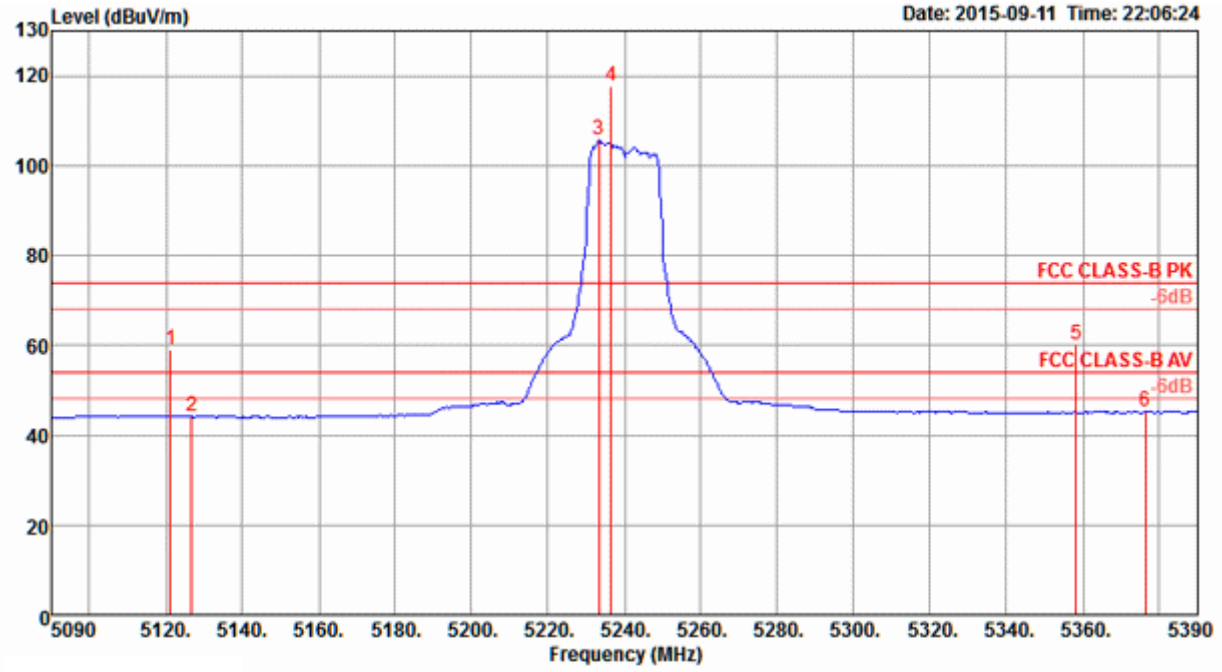


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5122.00	57.59	74.00	-16.41	54.61	4.24	33.21	34.47	299	230	Peak	HORIZONTAL
2	5126.40	44.46	54.00	-9.54	41.44	4.25	33.24	34.47	299	230	Average	HORIZONTAL
3	5204.80	120.57			117.40	4.28	33.36	34.47	299	230	Peak	HORIZONTAL
4	5206.40	106.64			103.47	4.28	33.36	34.47	299	230	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5200 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 48



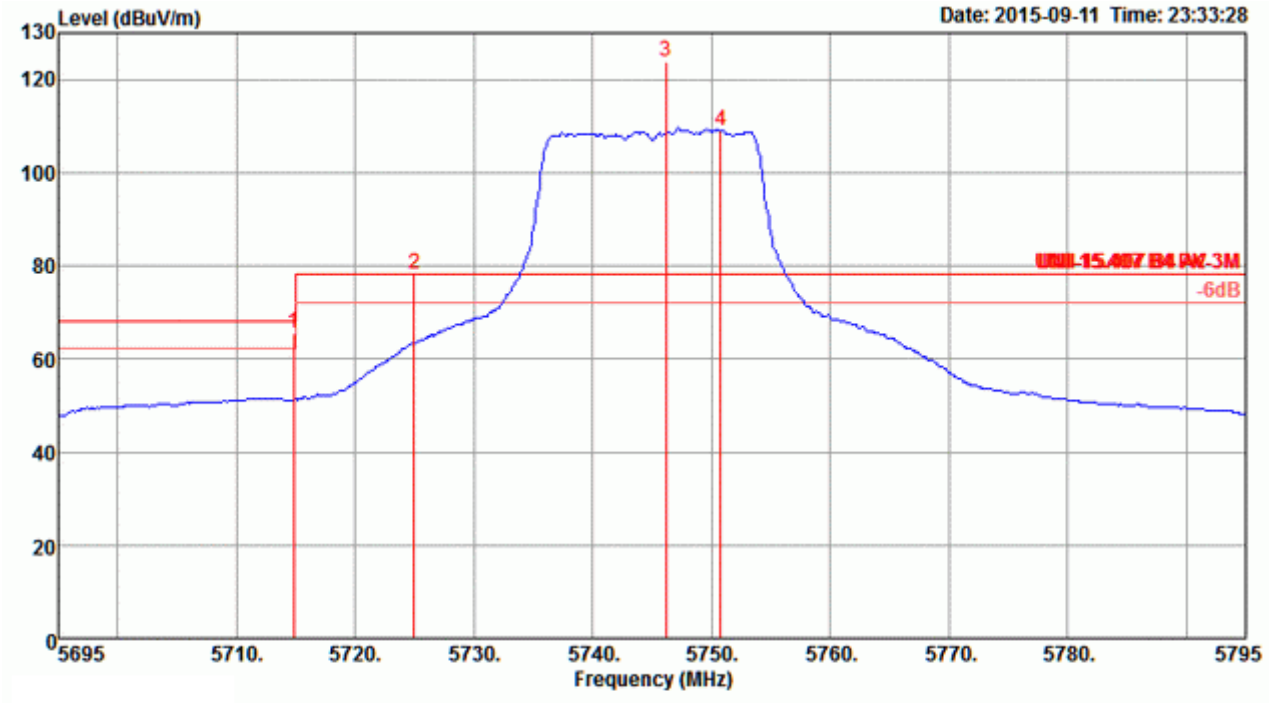
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5121.20	59.06	74.00	-14.94	56.08	4.24	33.21	34.47	326	157	Peak	HORIZONTAL
2	5126.60	44.28	54.00	-9.72	41.26	4.25	33.24	34.47	326	157	Average	HORIZONTAL
3	5233.40	105.59			102.34	4.30	33.42	34.47	326	157	Average	HORIZONTAL
4	5236.40	117.66			114.41	4.30	33.42	34.47	326	157	Peak	HORIZONTAL
5	5358.20	60.04	74.00	-13.96	56.53	4.35	33.63	34.47	326	157	Peak	HORIZONTAL
6	5376.20	45.26	54.00	-8.74	41.71	4.36	33.66	34.47	326	157	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5240 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26℃	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT20 CH 149, 157, 165 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 149

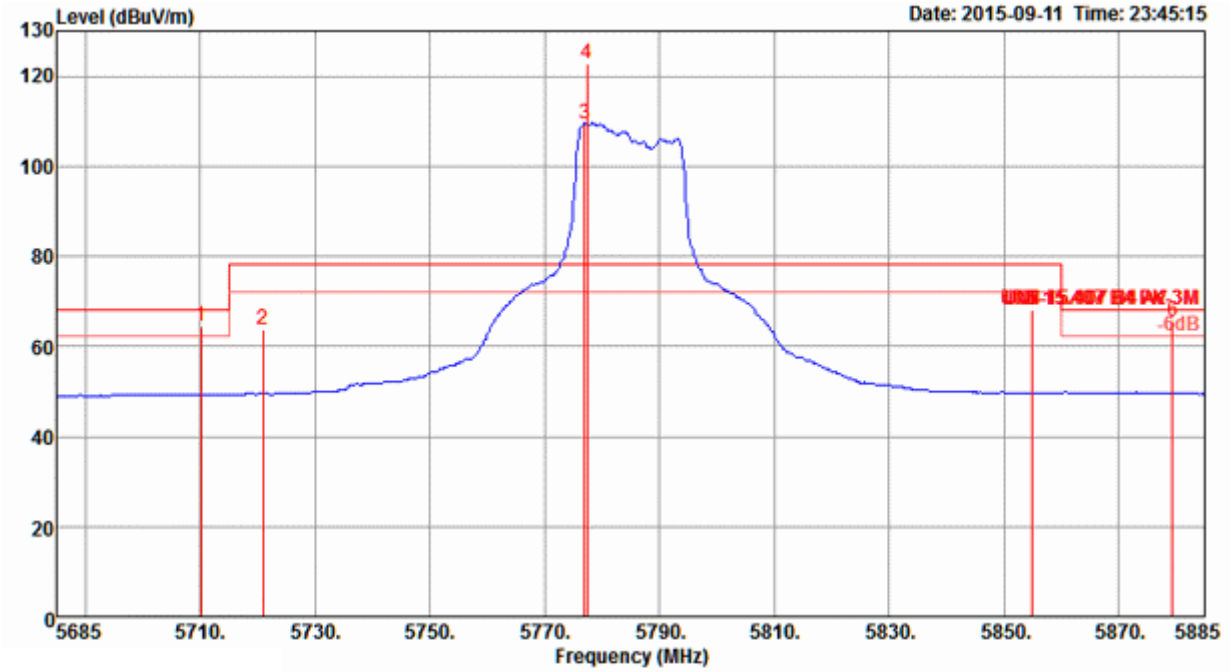


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5714.80	65.49	68.20	-2.71	60.99	4.49	34.52	34.51	48	169	Peak	HORIZONTAL
2	5725.00	78.13	78.20	-0.07	73.57	4.50	34.57	34.51	48	169	Peak	HORIZONTAL
3	5746.20	123.80			119.20	4.50	34.62	34.52	48	169	Peak	HORIZONTAL
4	5750.80	109.10			104.50	4.50	34.62	34.52	48	169	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5745 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 157

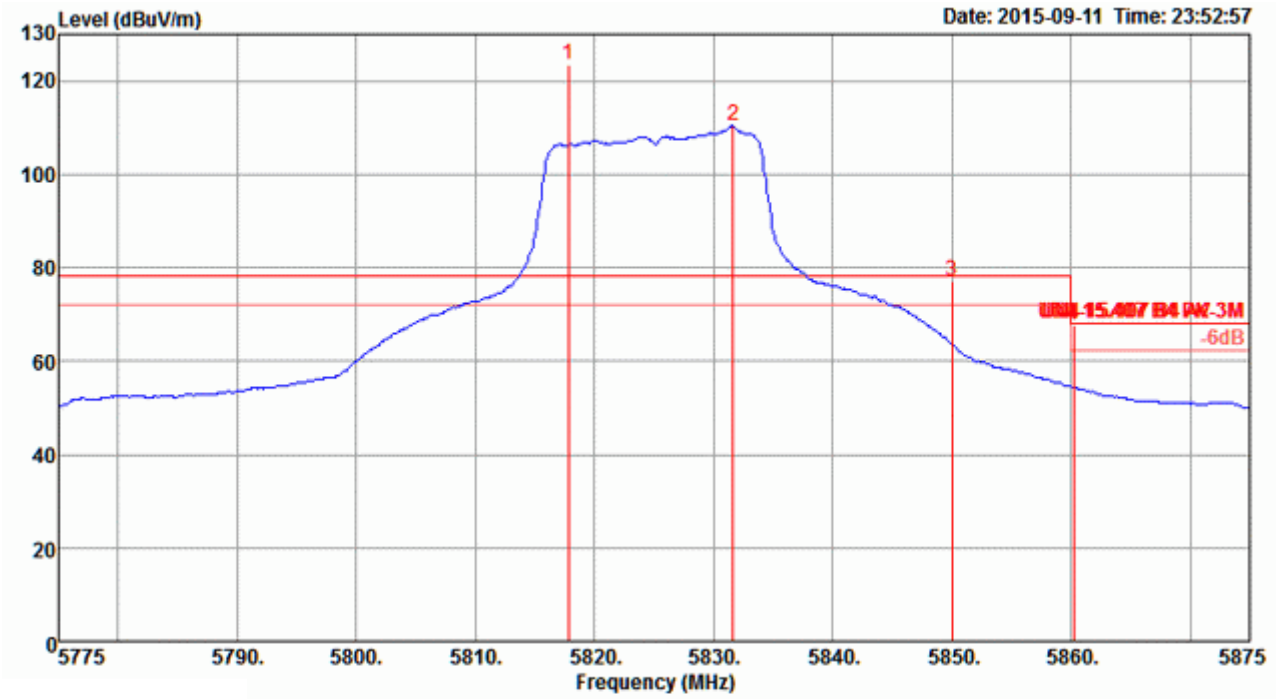


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5710.20	64.59	68.20	-3.61	60.09	4.49	34.52	34.51	47	189	Peak	HORIZONTAL
2	5721.00	63.88	78.20	-14.32	59.32	4.50	34.57	34.51	47	189	Peak	HORIZONTAL
3	5777.00	109.53			104.81	4.52	34.73	34.53	47	189	Average	HORIZONTAL
4	5777.40	122.81			118.09	4.52	34.73	34.53	47	189	Peak	HORIZONTAL
5	5855.00	68.03	78.20	-10.17	63.03	4.55	34.99	34.54	47	189	Peak	HORIZONTAL
6	5879.40	65.37	68.20	-2.83	60.32	4.55	35.04	34.54	47	189	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5785 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 165



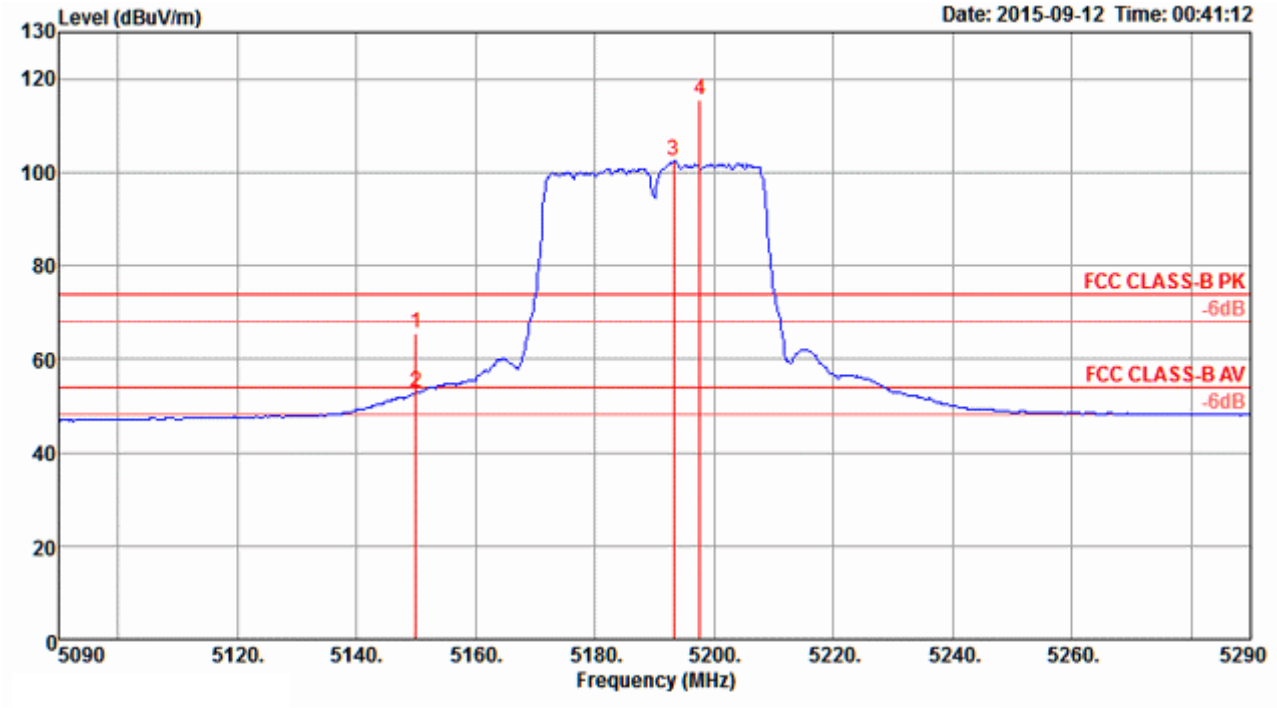
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5817.80	123.39			118.56	4.53	34.83	34.53	50	178	Peak	HORIZONTAL
2	5831.60	110.34			105.46	4.53	34.88	34.53	50	178	Average	HORIZONTAL
3	5850.00	77.22	78.20	-0.98	72.29	4.54	34.93	34.54	50	178	Peak	HORIZONTAL
4	5860.20	67.63	68.20	-0.57	62.63	4.55	34.99	34.54	50	178	Peak	HORIZONTAL

Item 1, 2 are the fundamental frequency at 5825 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 38, 46 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 38

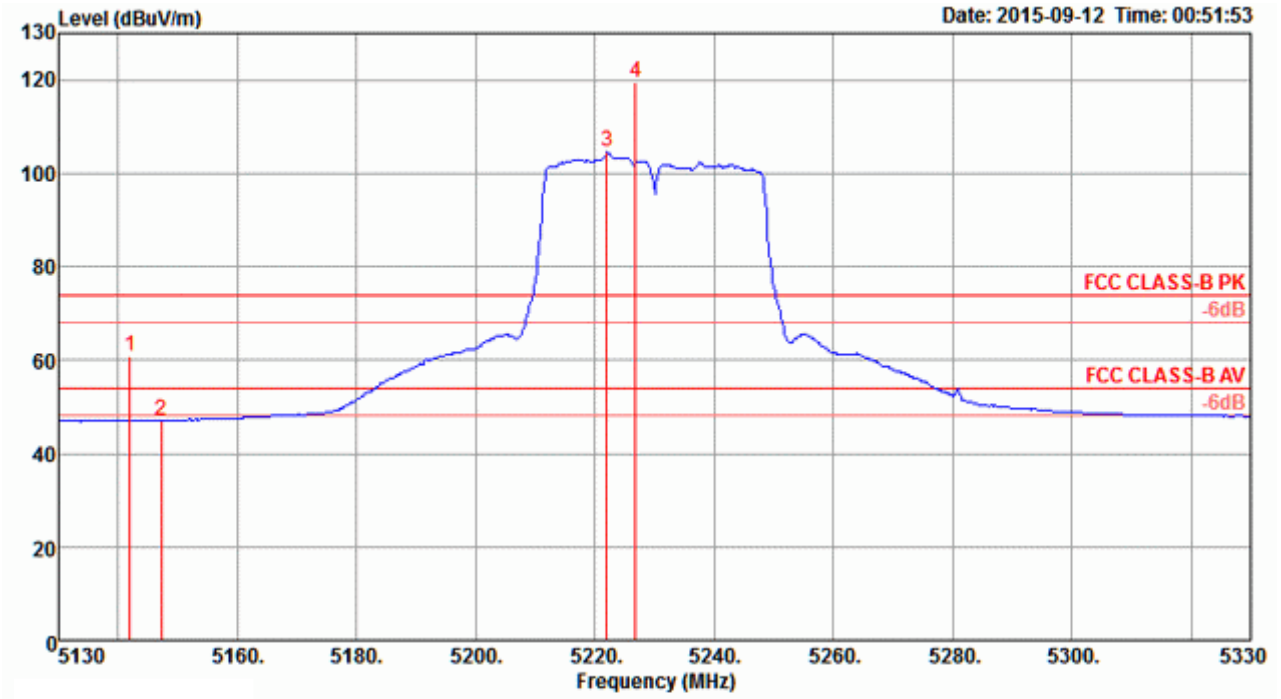


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5150.00	65.54	74.00	-8.46	62.48	4.26	33.27	34.47	305	197	Peak	HORIZONTAL
2	5150.00	52.85	54.00	-1.15	49.79	4.26	33.27	34.47	305	197	Average	HORIZONTAL
3	5193.20	102.62			99.45	4.28	33.36	34.47	305	197	Average	HORIZONTAL
4	5197.60	115.35			112.18	4.28	33.36	34.47	305	197	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5190 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 46



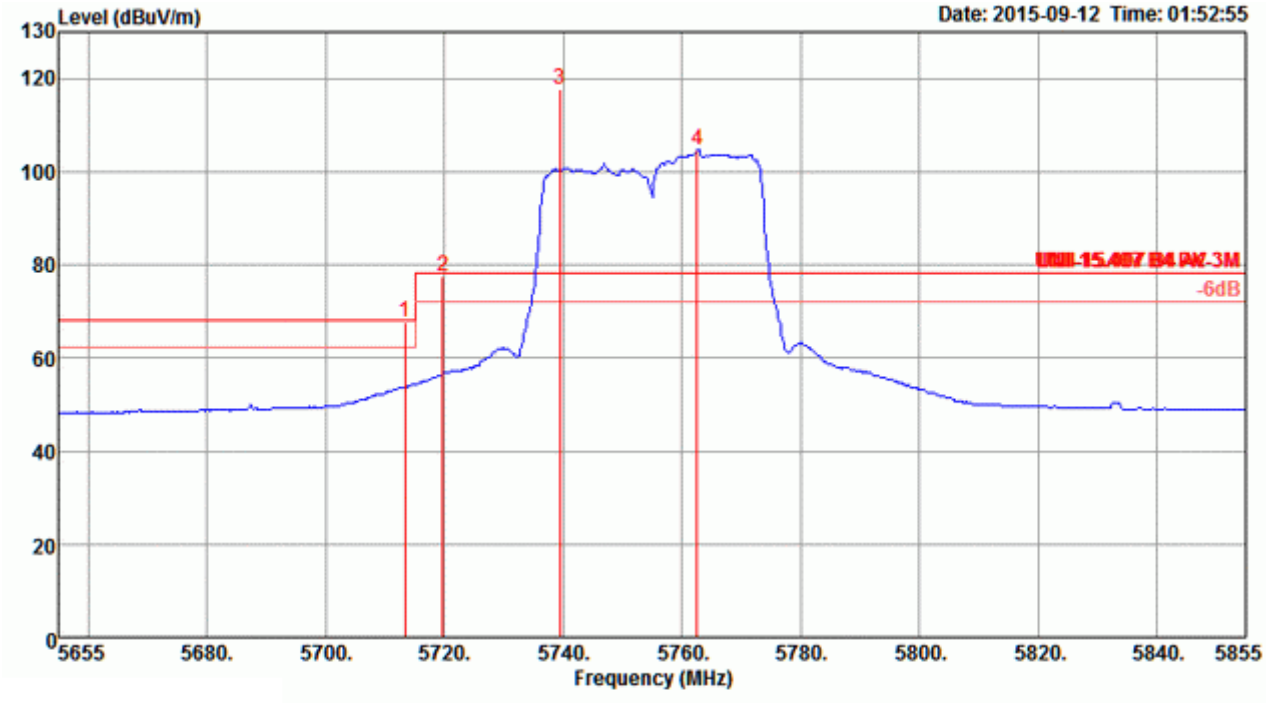
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5142.00	60.81	74.00	-13.19	57.75	4.26	33.27	34.47	299	231	Peak	HORIZONTAL
2	5147.20	47.19	54.00	-6.81	44.13	4.26	33.27	34.47	299	231	Average	HORIZONTAL
3	5222.00	104.53			101.32	4.29	33.39	34.47	299	231	Average	HORIZONTAL
4	5226.80	119.53			116.28	4.30	33.42	34.47	299	231	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5230 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT40 CH 151, 159 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 151

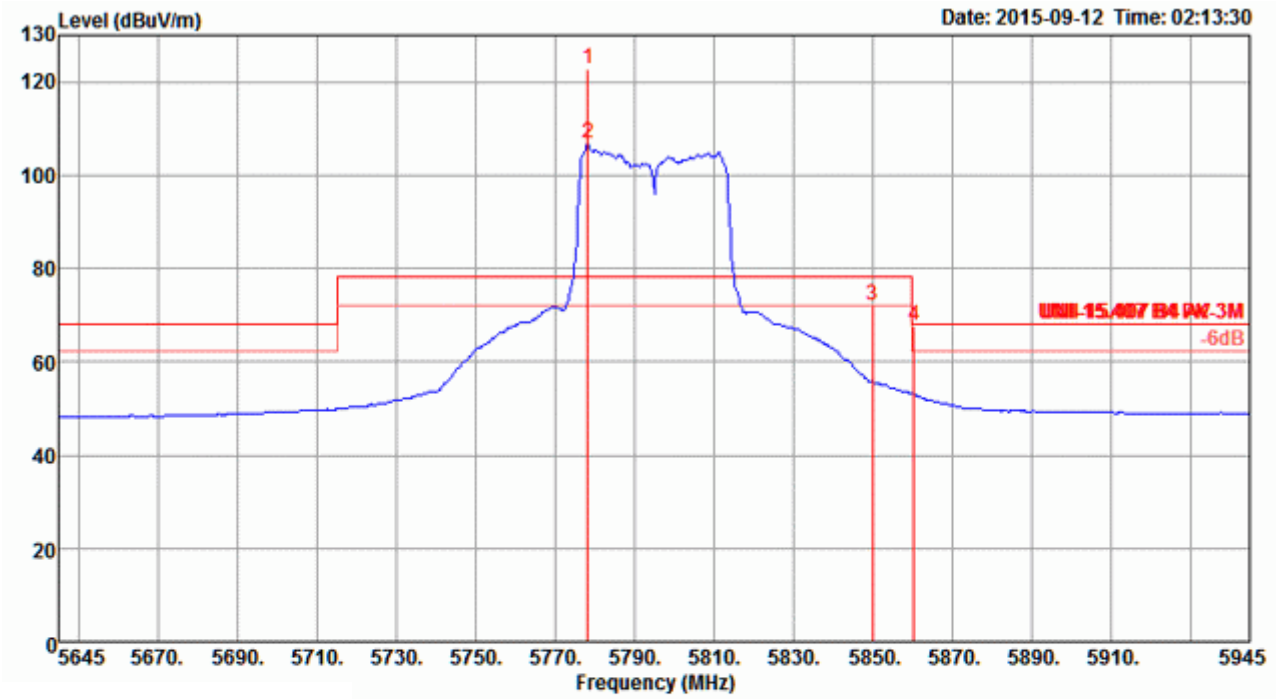


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5713.40	67.69	68.20	-0.51	63.19	4.49	34.52	34.51	34	144	Peak	HORIZONTAL
2	5719.80	77.35	78.20	-0.85	72.79	4.50	34.57	34.51	34	144	Peak	HORIZONTAL
3	5739.40	117.75			113.15	4.50	34.62	34.52	34	144	Peak	HORIZONTAL
4	5762.60	104.60			99.94	4.51	34.68	34.53	34	144	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5755 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 159



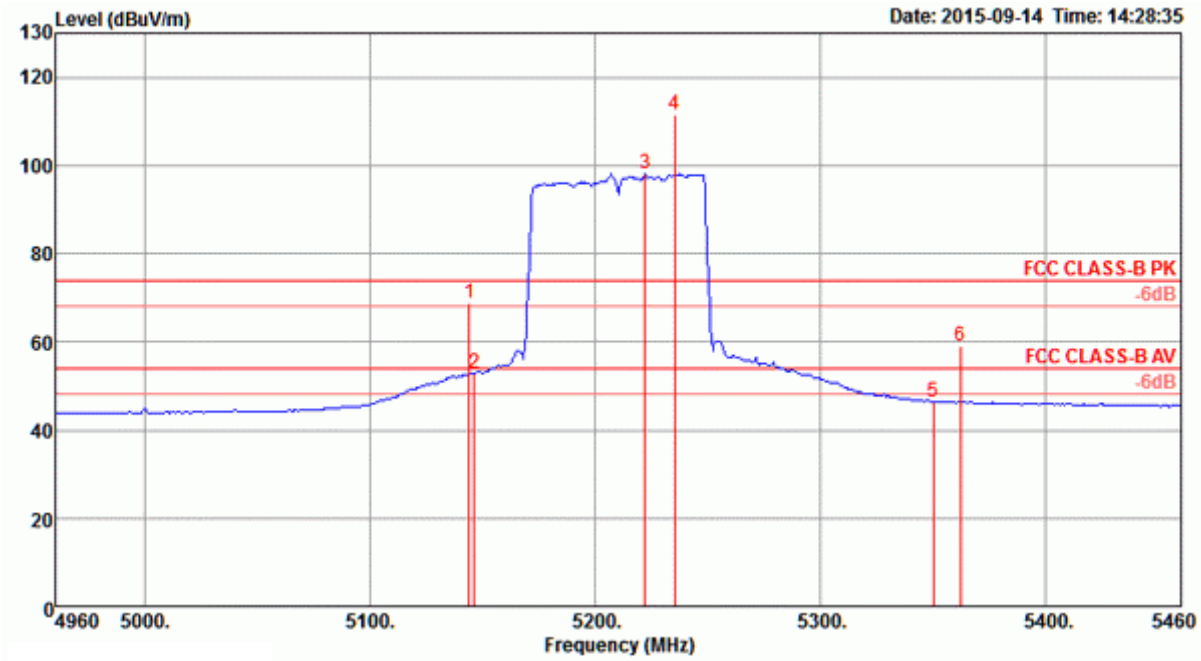
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5778.20	122.58			117.86	4.52	34.73	34.53	47	164	Peak	HORIZONTAL
2	5778.20	106.76			102.04	4.52	34.73	34.53	47	164	Average	HORIZONTAL
3	5850.00	72.22	78.20	-5.98	67.29	4.54	34.93	34.54	47	164	Peak	HORIZONTAL
4	5860.40	67.76	68.20	-0.44	62.76	4.55	34.99	34.54	47	164	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5795 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80 CH 42, 155 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 42

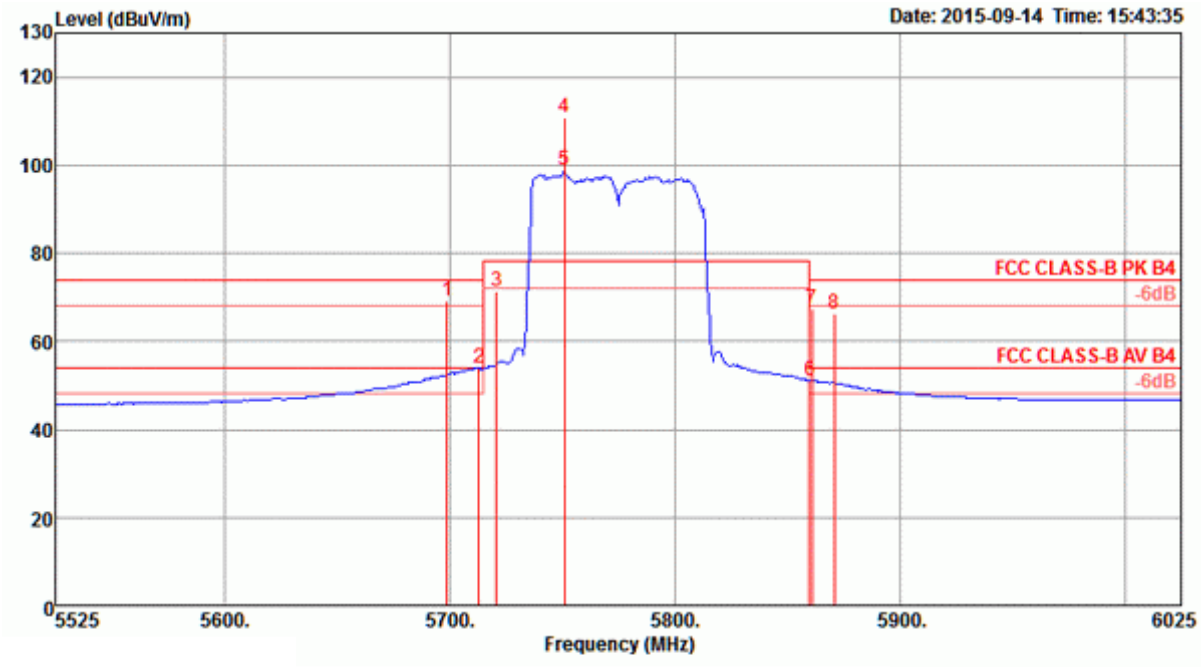


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5144.00	68.85	74.00	-5.15	65.79	4.26	33.27	34.47	285	156	Peak	HORIZONTAL
2	5146.00	52.96	54.00	-1.04	49.90	4.26	33.27	34.47	285	156	Average	HORIZONTAL
3	5222.00	98.21			95.00	4.29	33.39	34.47	285	156	Average	HORIZONTAL
4	5235.00	111.60			108.35	4.30	33.42	34.47	285	156	Peak	HORIZONTAL
5	5350.00	46.43	54.00	-7.57	42.92	4.35	33.63	34.47	285	156	Average	HORIZONTAL
6	5362.00	59.15	74.00	-14.85	55.60	4.36	33.66	34.47	285	156	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5210 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 155



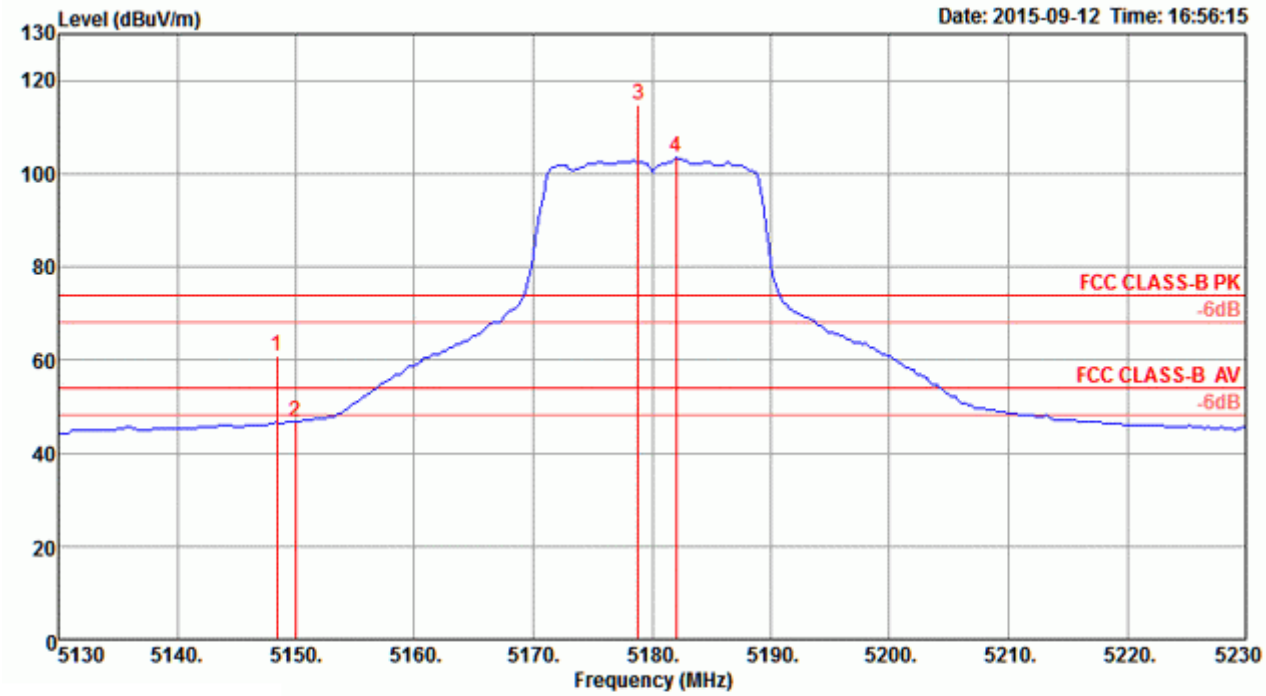
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5699.00	69.19	74.00	-4.81	64.74	4.49	34.47	34.51	314	190	Peak	HORIZONTAL
2	5713.00	53.81	54.00	-0.19	49.31	4.49	34.52	34.51	314	190	Average	HORIZONTAL
3	5721.00	71.23	78.20	-6.97	66.67	4.50	34.57	34.51	314	190	Peak	HORIZONTAL
4	5751.00	110.76			106.16	4.50	34.62	34.52	314	190	Peak	HORIZONTAL
5	5751.00	98.68			94.08	4.50	34.62	34.52	314	190	Average	HORIZONTAL
6	5860.00	51.08	54.00	-2.92	46.08	4.55	34.99	34.54	314	190	Average	HORIZONTAL
7	5861.00	67.37	74.00	-6.63	62.37	4.55	34.99	34.54	314	190	Peak	HORIZONTAL
8	5871.00	66.18	74.00	-7.82	61.13	4.55	35.04	34.54	314	190	Peak	HORIZONTAL

Item 4, 5 are the fundamental frequency at 5775 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26℃	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 CH 36, 40, 48 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 36

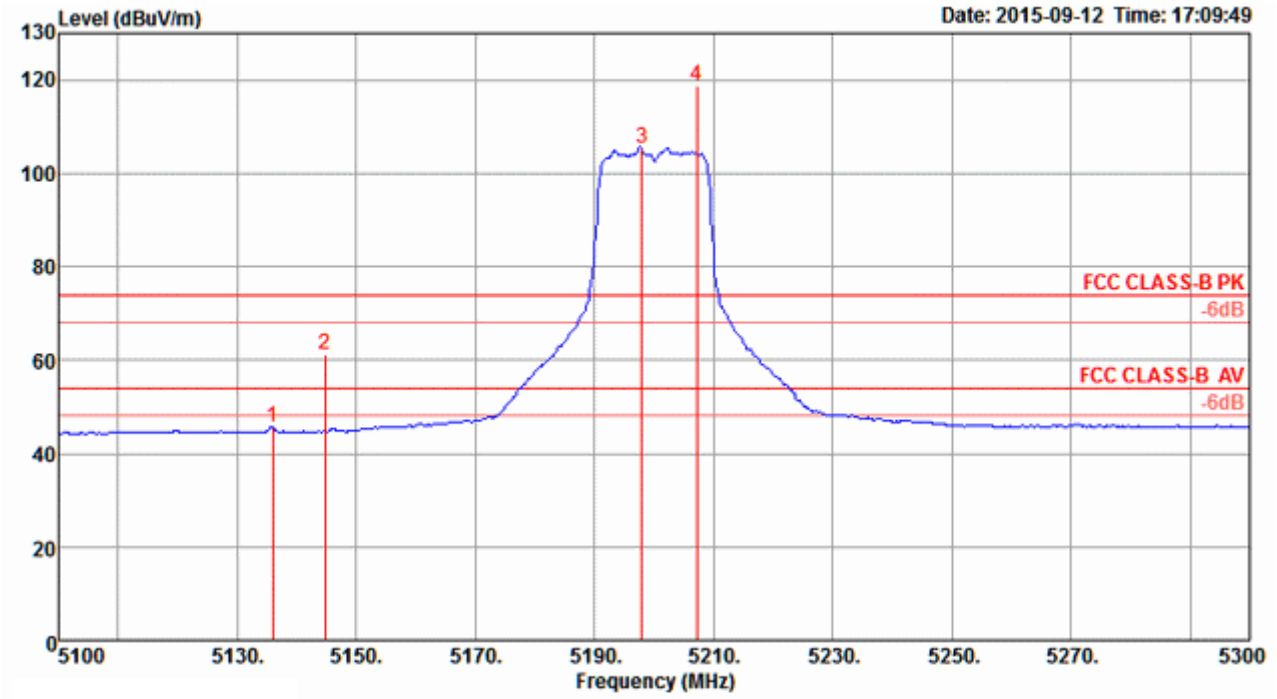


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5148.40	60.89	74.00	-13.11	57.83	4.26	33.27	34.47	271	150	Peak	HORIZONTAL
2	5150.00	46.81	54.00	-7.19	43.75	4.26	33.27	34.47	271	150	Average	HORIZONTAL
3	5178.80	114.61			111.48	4.27	33.33	34.47	271	150	Peak	HORIZONTAL
4	5182.00	103.45			100.32	4.27	33.33	34.47	271	150	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5180 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 40

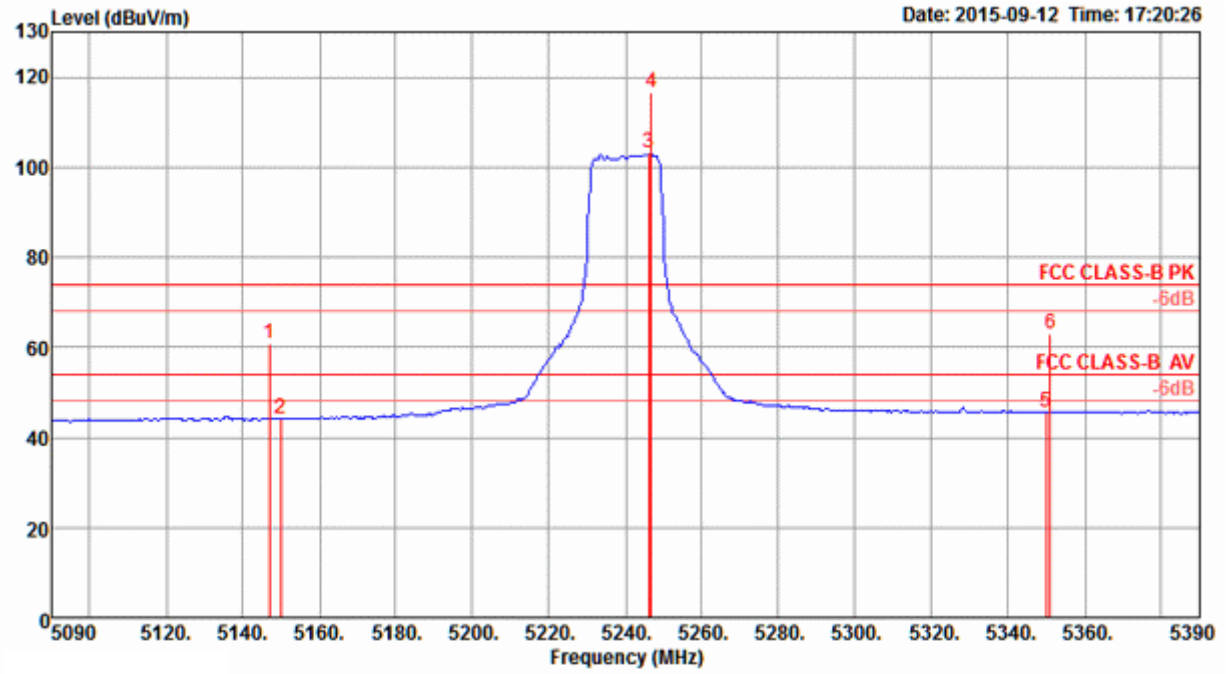


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5136.00	45.49	54.00	-8.51	42.47	4.25	33.24	34.47	290	188	Average	HORIZONTAL
2	5144.80	61.31	74.00	-12.69	58.25	4.26	33.27	34.47	290	188	Peak	HORIZONTAL
3	5198.00	105.53			102.36	4.28	33.36	34.47	290	188	Average	HORIZONTAL
4	5207.20	118.86			115.69	4.28	33.36	34.47	290	188	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5200 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 48



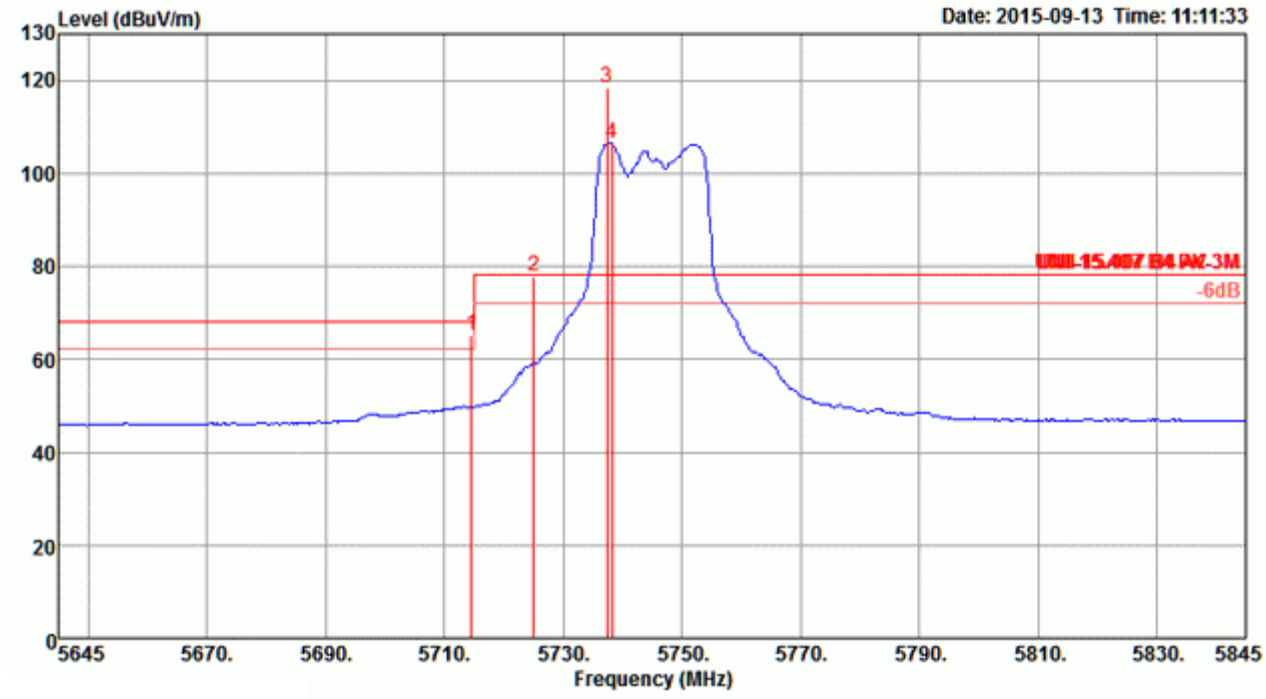
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5147.00	60.93	74.00	-13.07	57.87	4.26	33.27	34.47	308	172	Peak	HORIZONTAL
2	5150.00	44.03	54.00	-9.97	40.97	4.26	33.27	34.47	308	172	Average	HORIZONTAL
3	5246.00	103.13			99.85	4.30	33.45	34.47	308	172	Average	HORIZONTAL
4	5246.60	116.67			113.39	4.30	33.45	34.47	308	172	Peak	HORIZONTAL
5	5350.00	45.50	54.00	-8.50	41.99	4.35	33.63	34.47	308	172	Average	HORIZONTAL
6	5351.00	62.86	74.00	-11.14	59.35	4.35	33.63	34.47	308	172	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5240 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26℃	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss3 VHT20 CH 149, 157, 165 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 149

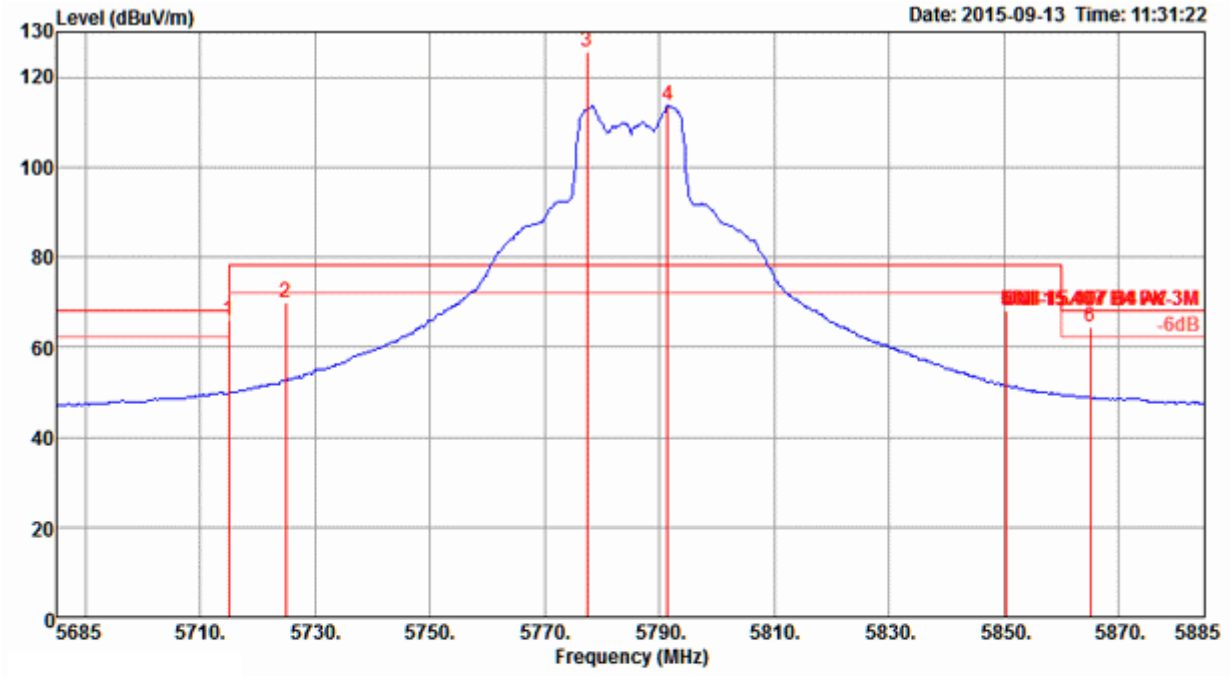


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5714.60	65.34	68.20	-2.86	60.84	4.49	34.52	34.51	44	150	Peak	HORIZONTAL
2	5725.00	77.90	78.20	-0.30	73.34	4.50	34.57	34.51	44	150	Peak	HORIZONTAL
3	5737.40	118.52	78.20			4.50	34.62	34.52	44	150	Peak	HORIZONTAL
4	5738.20	106.50	78.20			4.50	34.62	34.52	44	150	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5745 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 157

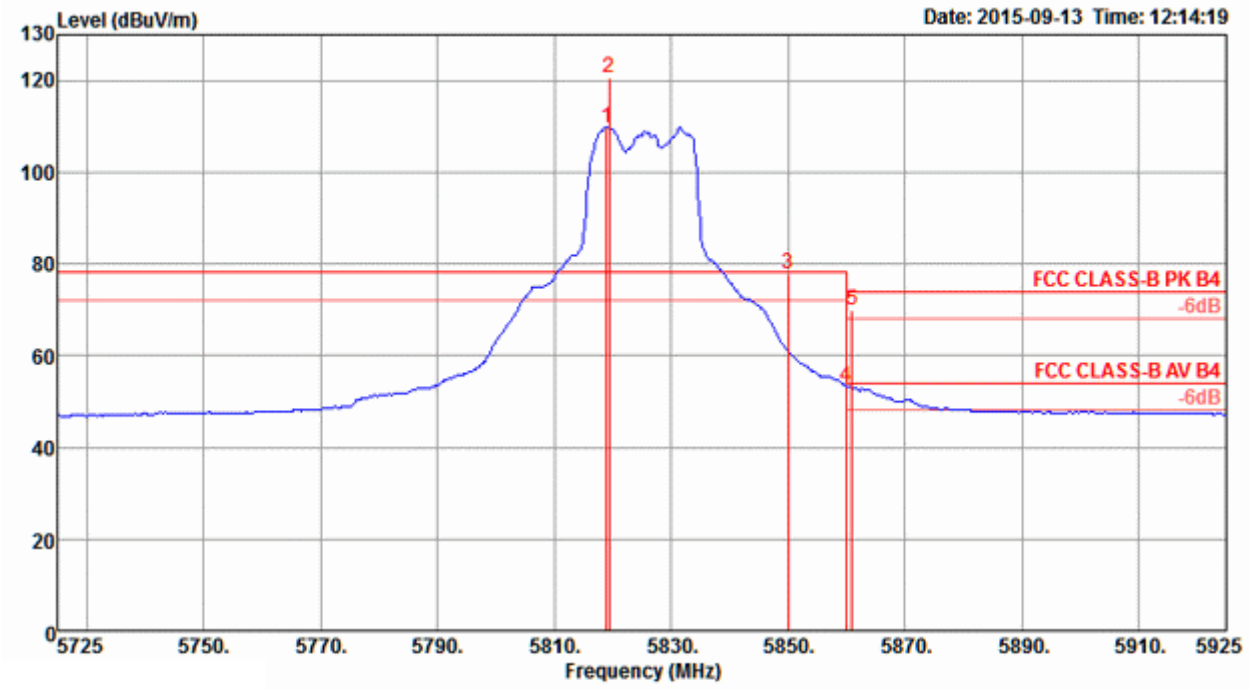


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5715.00	65.85	68.20	-2.35	61.35	4.49	34.52	34.51	45	150	Peak	HORIZONTAL
2	5725.00	70.00	78.20	-8.20	65.44	4.50	34.57	34.51	45	150	Peak	HORIZONTAL
3	5777.40	125.58			120.86	4.52	34.73	34.53	45	150	Peak	HORIZONTAL
4	5791.40	113.79			109.02	4.52	34.78	34.53	45	150	Average	HORIZONTAL
5	5850.40	67.99	78.20	-10.21	63.06	4.54	34.93	34.54	45	150	Peak	HORIZONTAL
6	5865.00	64.59	68.20	-3.61	59.59	4.55	34.99	34.54	45	150	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5785 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 165



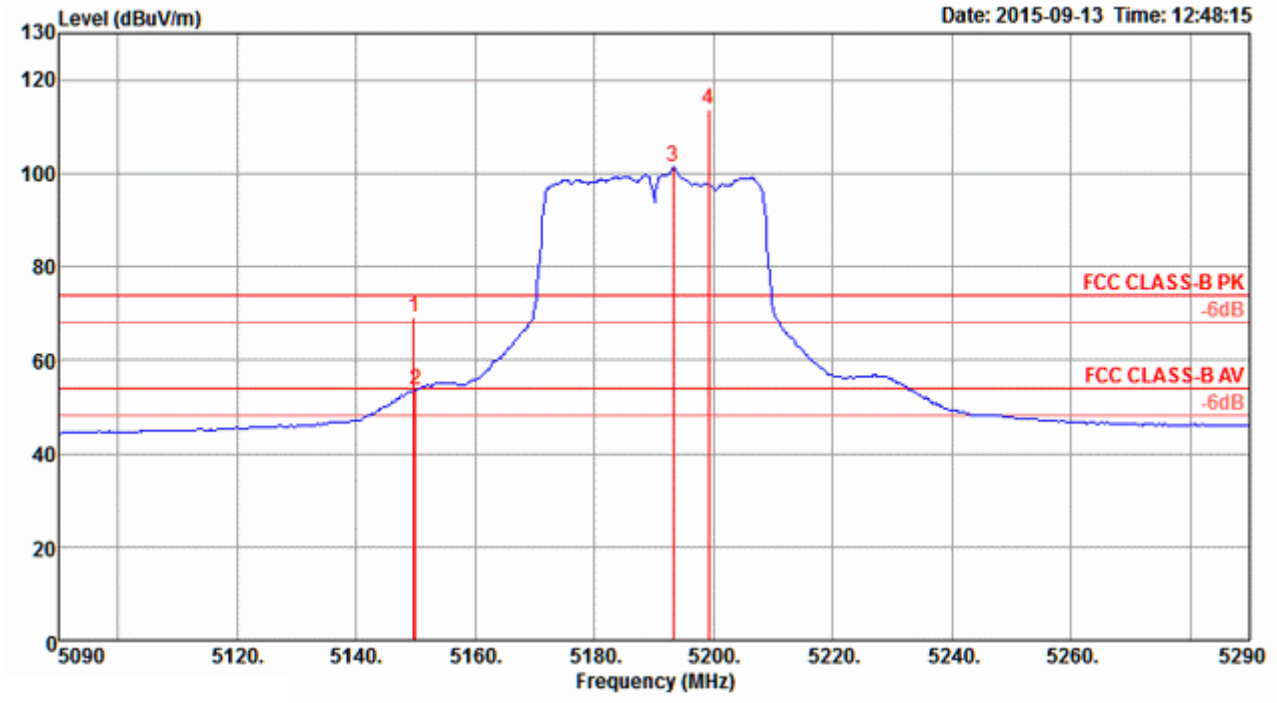
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5819.00	109.62			104.79	4.53	34.83	34.53	42	156	Average	HORIZONTAL
2	5819.40	120.61			115.78	4.53	34.83	34.53	42	156	Peak	HORIZONTAL
3	5850.00	77.84	78.20	-0.36	72.91	4.54	34.93	34.54	42	156	Peak	HORIZONTAL
4	5860.00	53.22	54.00	-0.78	48.22	4.55	34.99	34.54	42	156	Average	HORIZONTAL
5	5861.00	69.83	74.00	-4.17	64.83	4.55	34.99	34.54	42	156	Peak	HORIZONTAL

Item 1, 2 are the fundamental frequency at 5825 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss3 VHT40 CH 38, 46 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 38

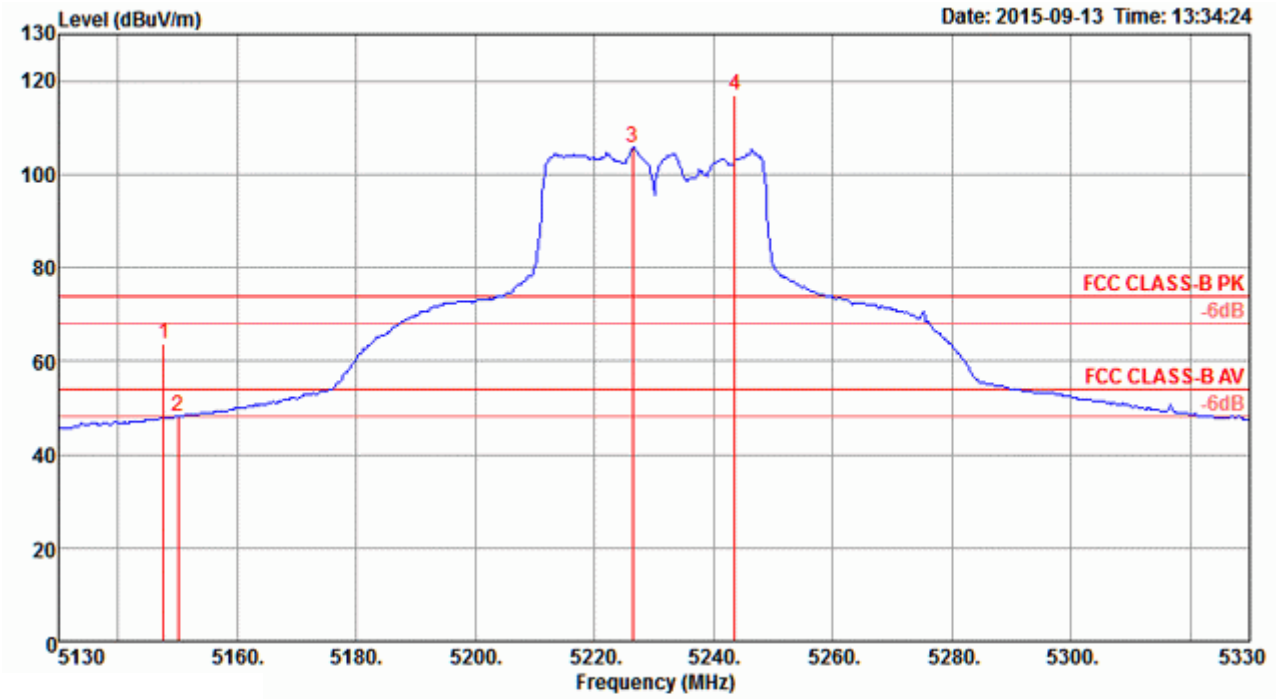


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5149.60	69.32	74.00	-4.68	66.26	4.26	33.27	34.47	287	150	Peak	HORIZONTAL
2	5150.00	53.43	54.00	-0.57	50.37	4.26	33.27	34.47	287	150	Average	HORIZONTAL
3	5193.20	101.23			98.06	4.28	33.36	34.47	287	150	Average	HORIZONTAL
4	5199.20	113.53			110.36	4.28	33.36	34.47	287	150	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5190 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 46



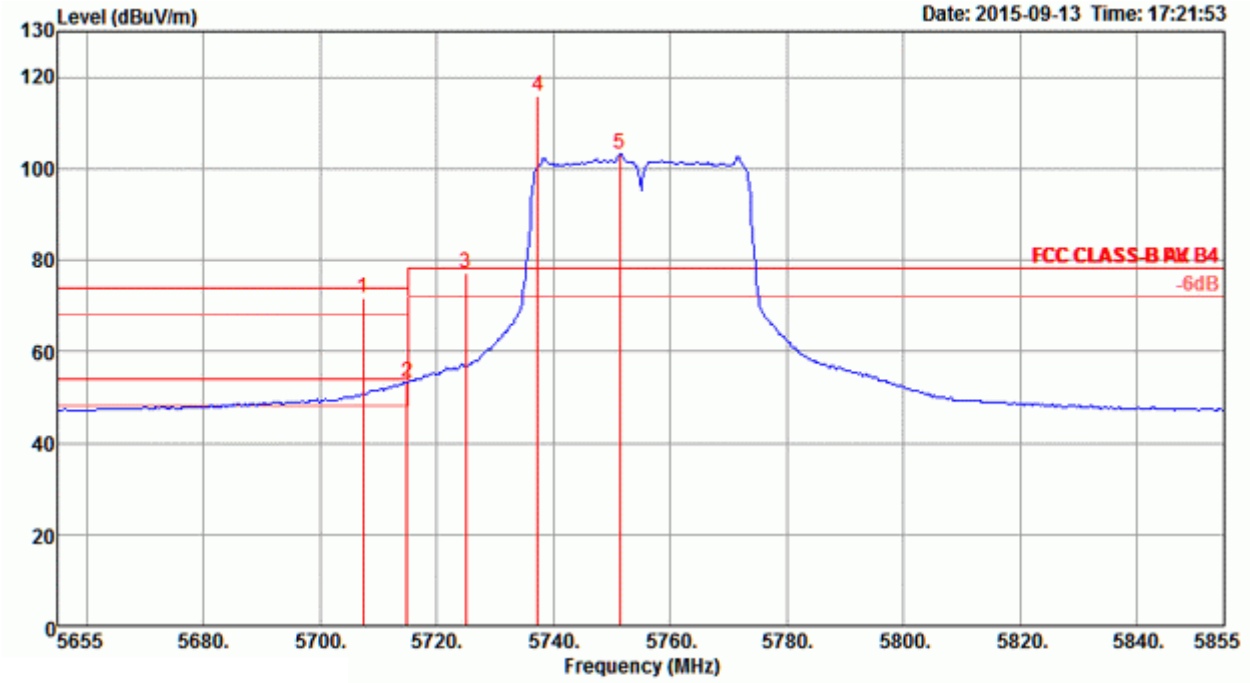
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5147.60	63.82	74.00	-10.18	60.76	4.26	33.27	34.47	313	200	Peak	HORIZONTAL
2	5150.00	48.26	54.00	-5.74	45.20	4.26	33.27	34.47	313	200	Average	HORIZONTAL
3	5226.40	105.89			102.64	4.30	33.42	34.47	313	200	Average	HORIZONTAL
4	5243.60	116.96			113.68	4.30	33.45	34.47	313	200	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5230 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss3 VHT40 CH 151, 159 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 151

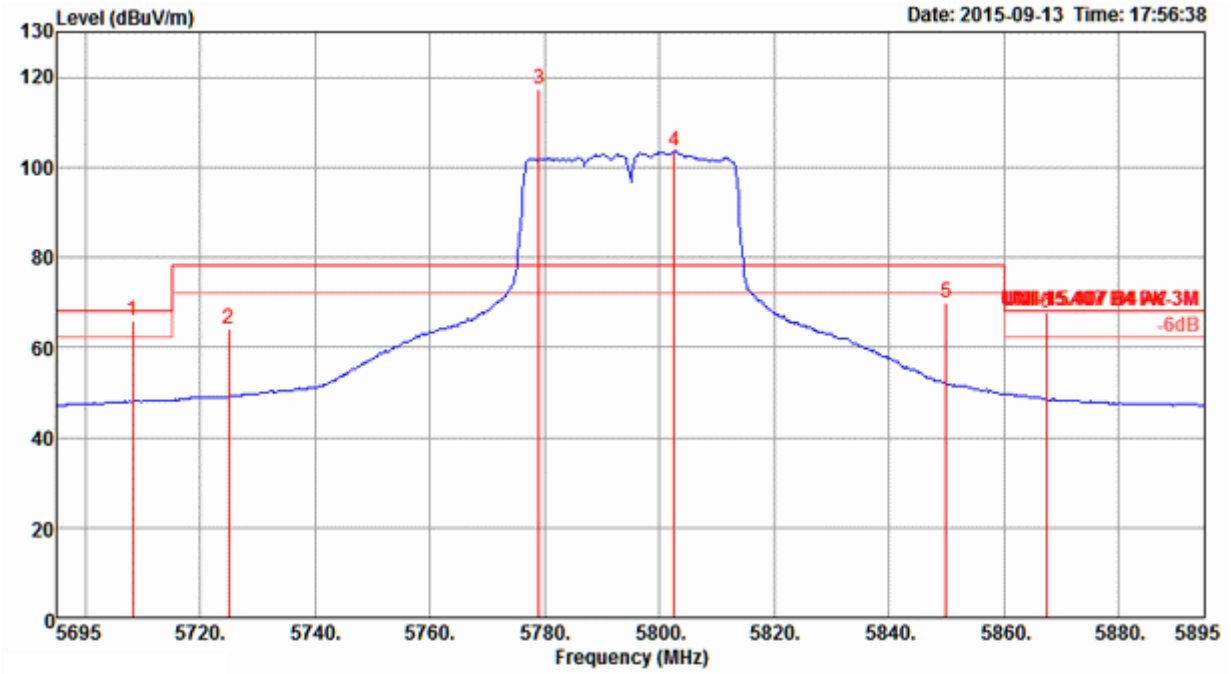


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5707.40	71.60	74.00	-2.40	67.10	4.49	34.52	34.51	56	163	Peak	HORIZONTAL
2	5715.00	53.19	54.00	-0.81	48.69	4.49	34.52	34.51	56	163	Average	HORIZONTAL
3	5725.00	76.99	78.20	-1.21	72.43	4.50	34.57	34.51	56	163	Peak	HORIZONTAL
4	5737.40	115.79			111.19	4.50	34.62	34.52	56	163	Peak	HORIZONTAL
5	5751.40	103.32			98.72	4.50	34.62	34.52	56	163	Average	HORIZONTAL

Item 4, 5 are the fundamental frequency at 5755 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 159



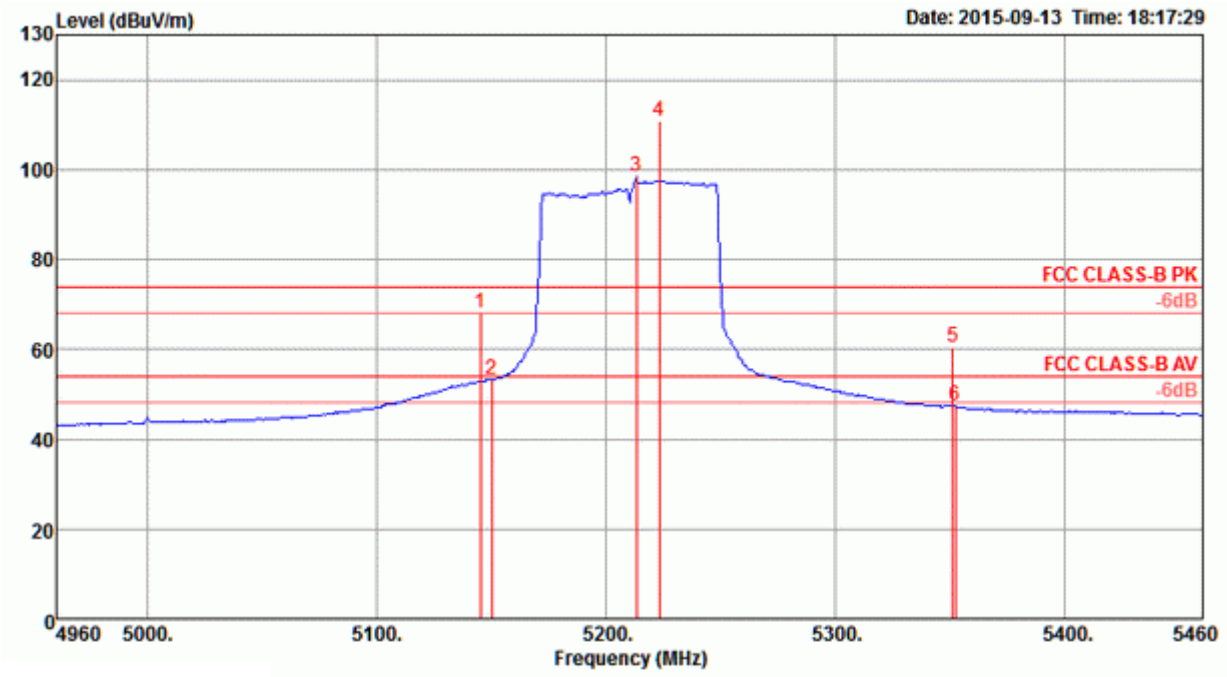
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5708.20	65.79	68.20	-2.41	61.29	4.49	34.52	34.51	52	154	Peak	HORIZONTAL
2	5725.00	64.25	78.20	-13.95	59.69	4.50	34.57	34.51	52	154	Peak	HORIZONTAL
3	5779.00	117.40			112.68	4.52	34.73	34.53	52	154	Peak	HORIZONTAL
4	5802.60	103.58			98.75	4.53	34.83	34.53	52	154	Average	HORIZONTAL
5	5850.00	69.79	78.20	-8.41	64.86	4.54	34.93	34.54	52	154	Peak	HORIZONTAL
6	5867.40	67.73	68.20	-0.47	62.73	4.55	34.99	34.54	52	154	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5795 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss3 VHT80 CH 42, 155 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 42

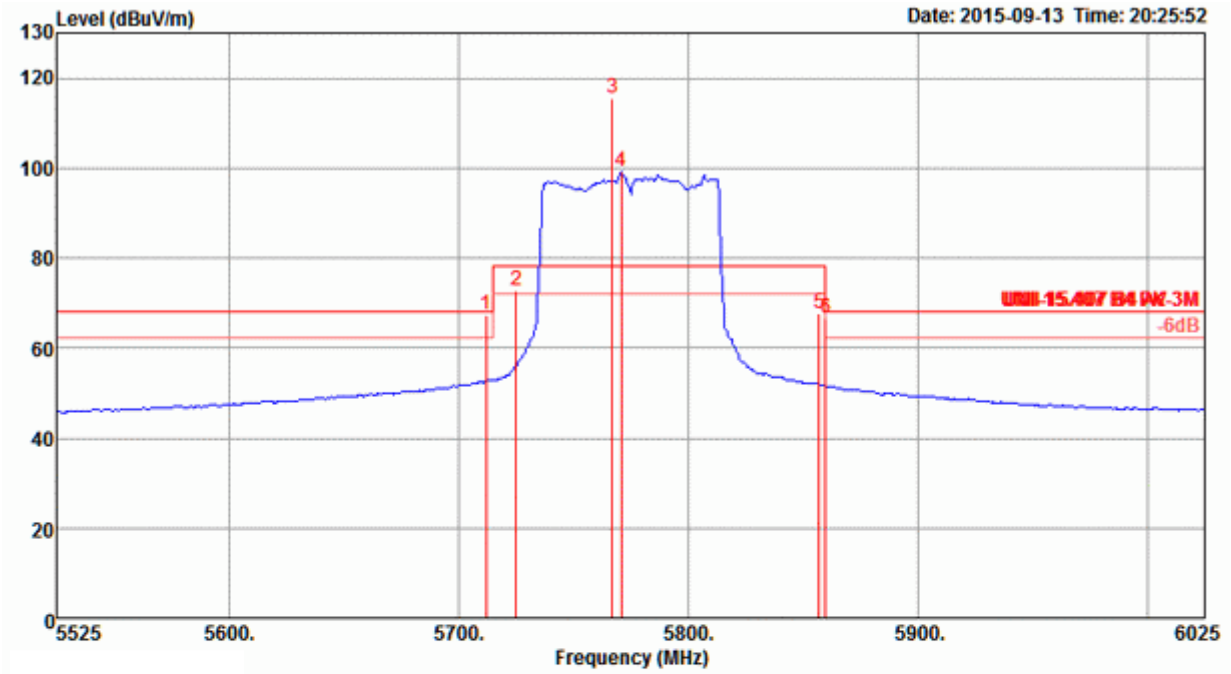


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5145.00	68.00	74.00	-6.00	64.94	4.26	33.27	34.47	46	207	Peak	HORIZONTAL
2	5150.00	53.30	54.00	-0.70	50.24	4.26	33.27	34.47	46	207	Average	HORIZONTAL
3	5213.00	98.56			95.35	4.29	33.39	34.47	46	207	Average	HORIZONTAL
4	5223.00	110.67			107.46	4.29	33.39	34.47	46	207	Peak	HORIZONTAL
5	5351.00	60.45	74.00	-13.55	56.94	4.35	33.63	34.47	46	207	Peak	HORIZONTAL
6	5352.00	47.34	54.00	-6.66	43.83	4.35	33.63	34.47	46	207	Average	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5210 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 155



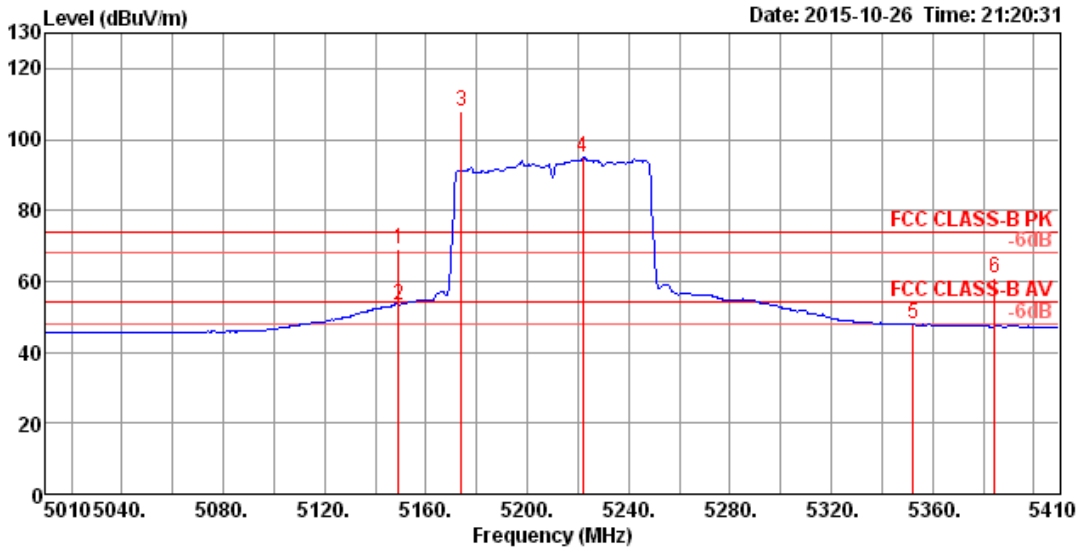
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5712.00	67.33	68.20	-0.87	62.83	4.49	34.52	34.51	48	183	Peak	HORIZONTAL
2	5725.00	72.82	78.20	-5.38	68.26	4.50	34.57	34.51	48	183	Peak	HORIZONTAL
3	5767.00	115.63			110.97	4.51	34.68	34.53	48	183	Peak	HORIZONTAL
4	5771.00	99.07			94.35	4.52	34.73	34.53	48	183	Average	HORIZONTAL
5	5857.00	67.83	78.20	-10.37	62.83	4.55	34.99	34.54	48	183	Peak	HORIZONTAL
6	5860.00	66.63	68.20	-1.57	61.63	4.55	34.99	34.54	48	183	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5775 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss2 VHT80+80 Type 1 / CH 42+155 / Chain 5 + Chain 6 + Chain 7 + Chain 8

Channel 42

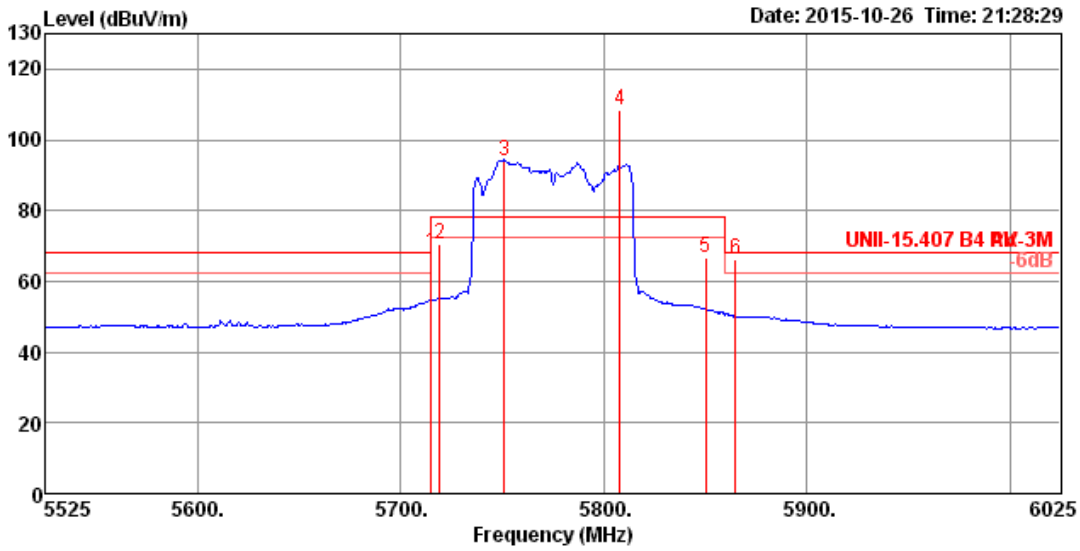


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5149.20	69.11	74.00	-4.89	62.21	6.21	33.74	33.05	152	280	Peak	HORIZONTAL
2	5149.20	53.36	54.00	-0.64	46.46	6.21	33.74	33.05	152	280	Average	HORIZONTAL
3	5174.00	107.74			100.76	6.24	33.79	33.05	152	280	Peak	HORIZONTAL
4	5222.00	94.95			87.85	6.30	33.85	33.05	152	280	Average	HORIZONTAL
5	5352.40	47.78	54.00	-6.22	40.31	6.47	34.06	33.06	152	280	Average	HORIZONTAL
6	5384.40	60.88	74.00	-13.12	53.33	6.50	34.11	33.06	152	280	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5210MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 155



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5715.00	67.89	68.20	-0.31	59.77	6.83	34.42	33.13	236	306	Peak	HORIZONTAL
2	5719.00	70.52	78.20	-7.68	62.39	6.83	34.43	33.13	236	306	Peak	HORIZONTAL
3	5751.00	94.24			86.08	6.86	34.44	33.14	236	306	Average	HORIZONTAL
4	5808.00	108.34			100.09	6.92	34.49	33.16	236	306	Peak	HORIZONTAL
5	5850.00	66.48	78.20	-11.72	58.19	6.95	34.51	33.17	236	306	Peak	HORIZONTAL
6	5865.00	66.00	68.20	-2.20	57.69	6.97	34.52	33.18	236	306	Peak	HORIZONTAL

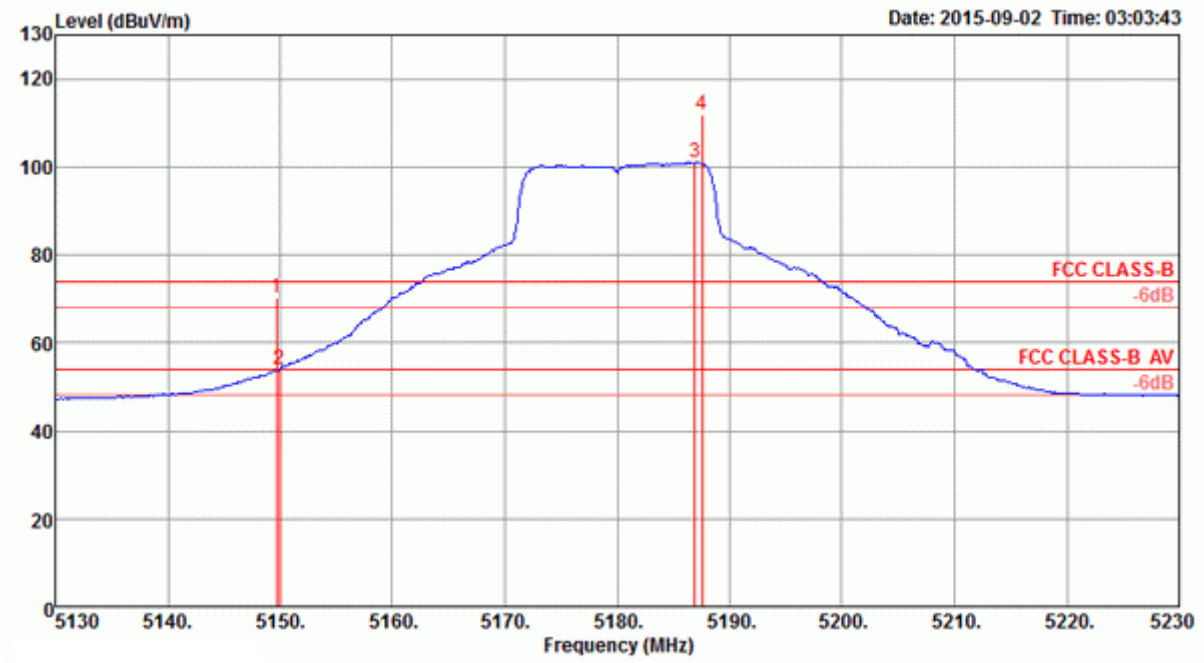
Item 3, 4 are the fundamental frequency at 5775 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

<For Radio 3 Mode>

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11a CH 36, 40, 48 / Chain 9

Channel 36

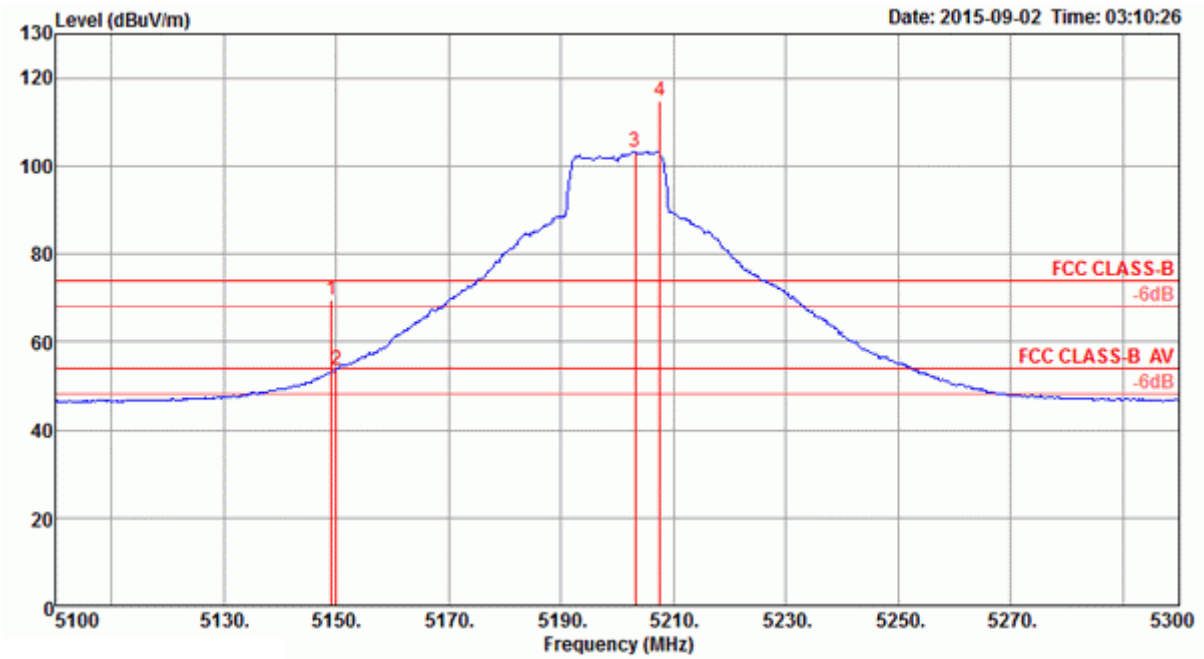


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5149.71	70.29	74.00	-3.71	63.75	6.13	34.04	33.63	Peak	133	349	VERTICAL
2	5150.00	53.81	54.00	-0.19	47.27	6.13	34.04	33.63	Average	133	349	VERTICAL
3	5186.95	101.16			94.54	6.15	34.09	33.62	Average	133	349	VERTICAL
4	5187.53	111.74			105.12	6.15	34.09	33.62	Peak	133	349	VERTICAL

Item 3, 4 are the fundamental frequency at 5180 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 40

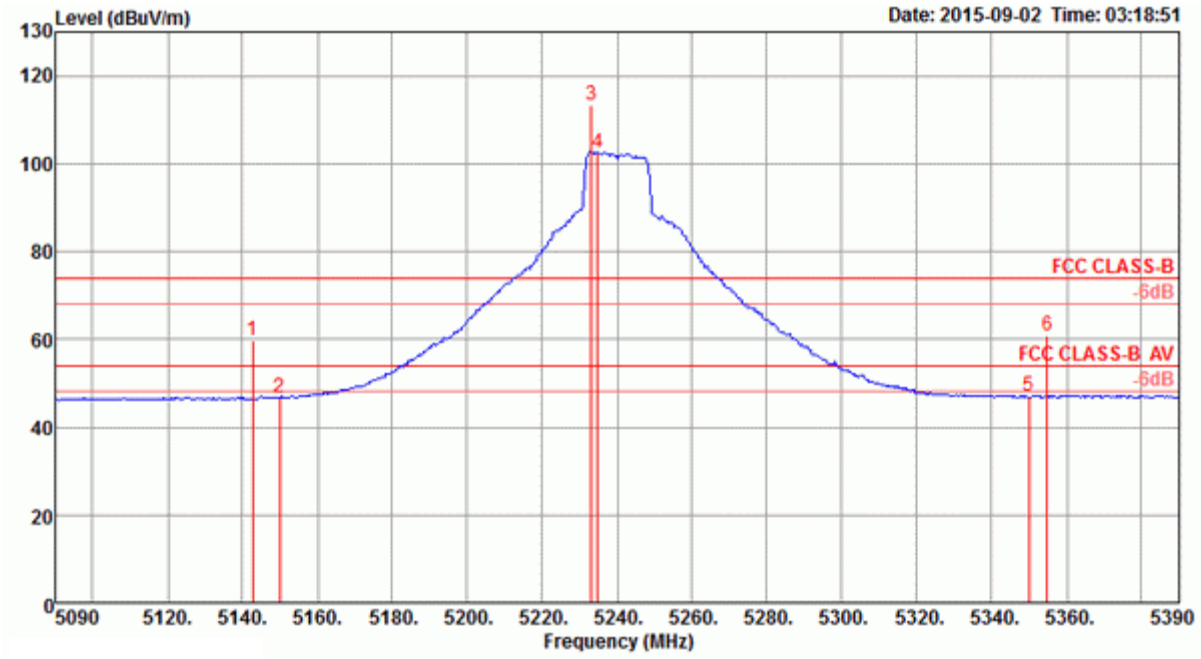


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5149.13	69.47	74.00	-4.53	62.93	6.13	34.04	33.63	Peak	125	344	VERTICAL
2	5150.00	53.70	54.00	-0.30	47.16	6.13	34.04	33.63	Average	125	344	VERTICAL
3	5203.18	103.17			96.51	6.16	34.12	33.62	Average	125	344	VERTICAL
4	5207.53	114.68			107.98	6.17	34.15	33.62	Peak	125	344	VERTICAL

Item 3, 4 are the fundamental frequency at 5200 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 48



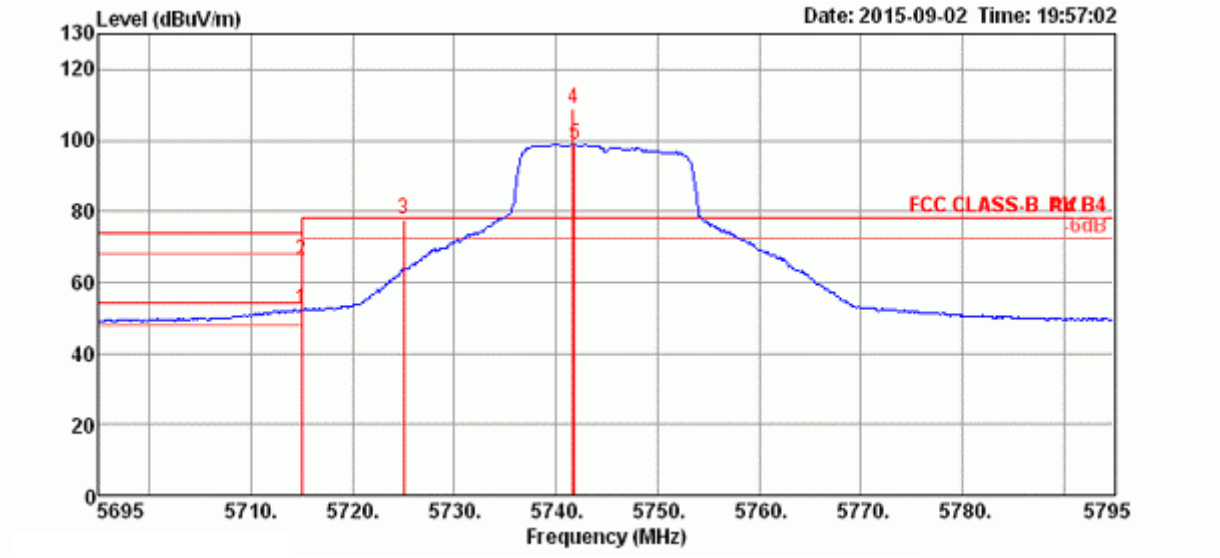
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Remark	A/Pos	T/Pos	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB		cm	deg	
1	5142.62	59.66	74.00	-14.34	53.12	6.13	34.04	33.63	Peak	135	349	VERTICAL
2	5150.00	46.71	54.00	-7.29	40.17	6.13	34.04	33.63	Average	135	349	VERTICAL
3	5233.05	113.22			106.49	6.18	34.17	33.62	Peak	135	349	VERTICAL
4	5234.79	102.52			95.79	6.18	34.17	33.62	Average	135	349	VERTICAL
5	5350.00	46.96	54.00	-7.04	39.94	6.26	34.36	33.60	Average	135	349	VERTICAL
6	5354.78	60.69	74.00	-13.31	53.67	6.26	34.36	33.60	Peak	135	349	VERTICAL

Item 3, 4 are the fundamental frequency at 5240 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11a CH 149, 157, 165 / Chain 9

Channel 149

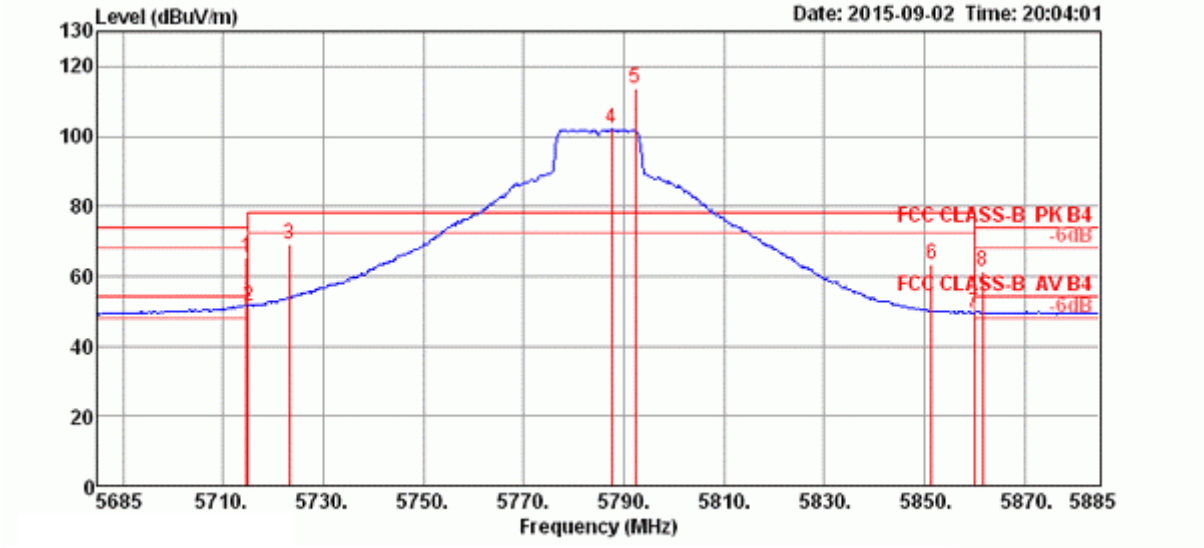


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5715.00	52.23	54.00	-1.77	44.11	6.83	34.42	33.13	102	347	Average	VERTICAL
2	5715.00	66.23	74.00	-7.77	58.11	6.83	34.42	33.13	102	347	Peak	VERTICAL
3	5725.00	77.88	78.20	-0.32	69.75	6.83	34.43	33.13	102	347	Peak	VERTICAL
4	5741.67	108.81			100.65	6.86	34.44	33.14	102	347	Peak	VERTICAL
5	5741.82	98.89			90.73	6.86	34.44	33.14	102	347	Average	VERTICAL

Item 4, 5 are the fundamental frequency at 5745 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 157

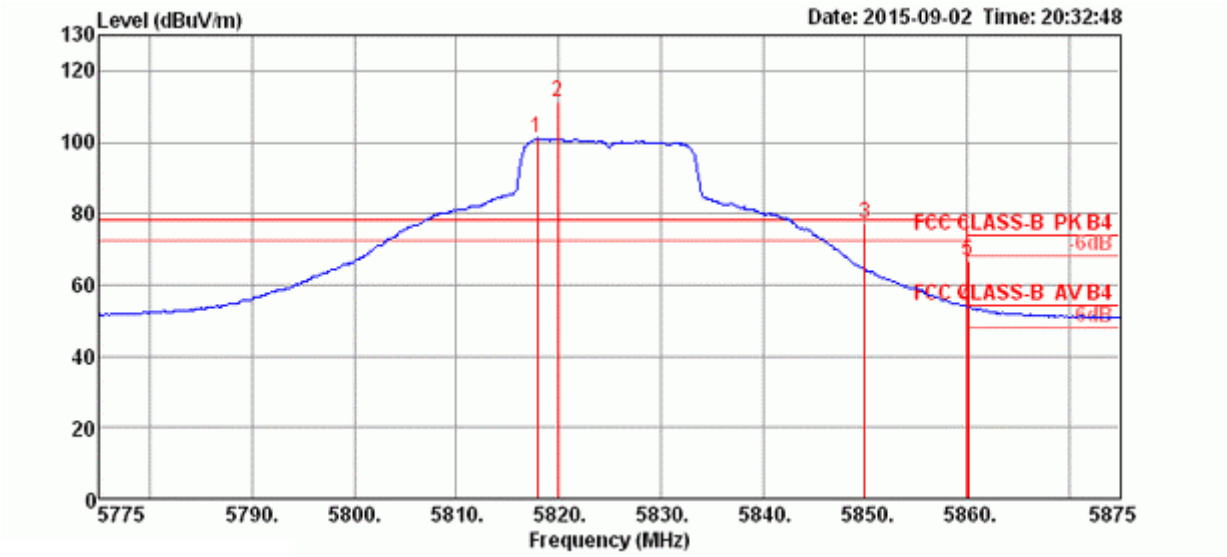


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5714.71	65.47	74.00	-8.53	57.35	6.83	34.42	33.13	100	360	Peak	VERTICAL
2	5715.00	51.47	54.00	-2.53	43.35	6.83	34.42	33.13	100	360	Average	VERTICAL
3	5723.26	69.16	78.20	-9.04	61.03	6.83	34.43	33.13	100	360	Peak	VERTICAL
4	5787.60	102.09			93.87	6.90	34.48	33.16	100	360	Average	VERTICAL
5	5792.24	113.53			105.31	6.90	34.48	33.16	100	360	Peak	VERTICAL
6	5851.45	63.48	78.20	-14.72	55.19	6.95	34.51	33.17	100	360	Peak	VERTICAL
7	5860.00	49.55	54.00	-4.45	41.24	6.97	34.52	33.18	100	360	Average	VERTICAL
8	5861.74	61.54	74.00	-12.46	53.23	6.97	34.52	33.18	100	360	Peak	VERTICAL

Item 4, 5 are the fundamental frequency at 5785 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 165



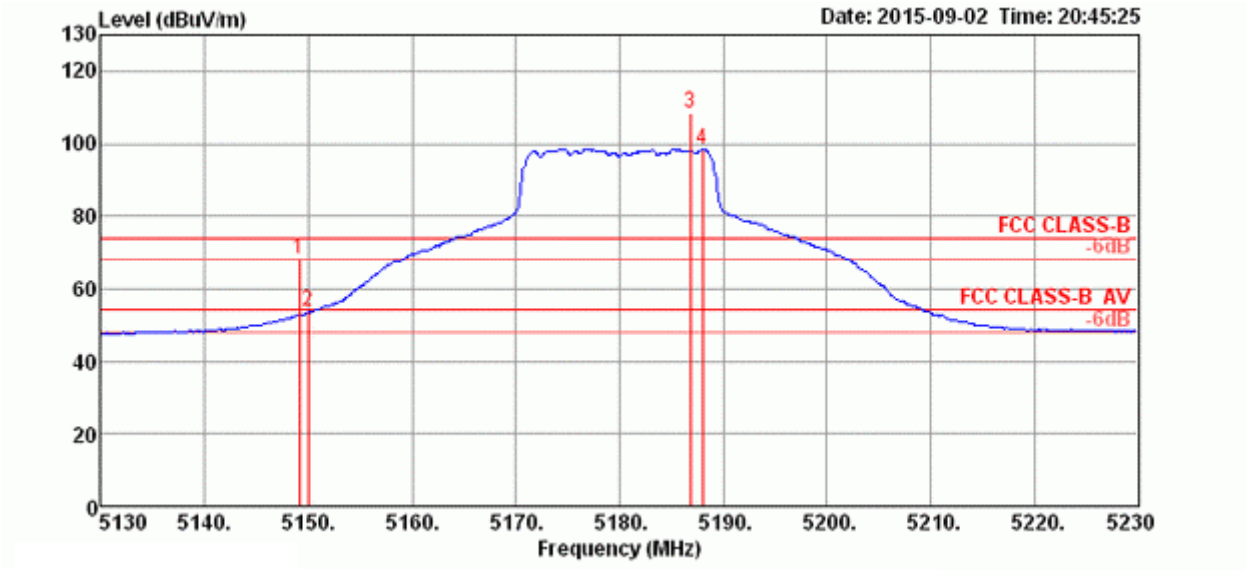
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5817.91	101.09			92.84	6.92	34.49	33.16	100	360	Average	VERTICAL
2	5819.93	111.30			103.04	6.92	34.50	33.16	100	360	Peak	VERTICAL
3	5850.00	77.42	78.20	-0.78	69.13	6.95	34.51	33.17	100	360	Peak	VERTICAL
4	5860.00	53.89	54.00	-0.11	45.58	6.97	34.52	33.18	100	360	Average	VERTICAL
5	5860.14	66.70	74.00	-7.30	58.39	6.97	34.52	33.18	100	360	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5825 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26℃	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36, 40, 48 / Chain 9

Channel 36

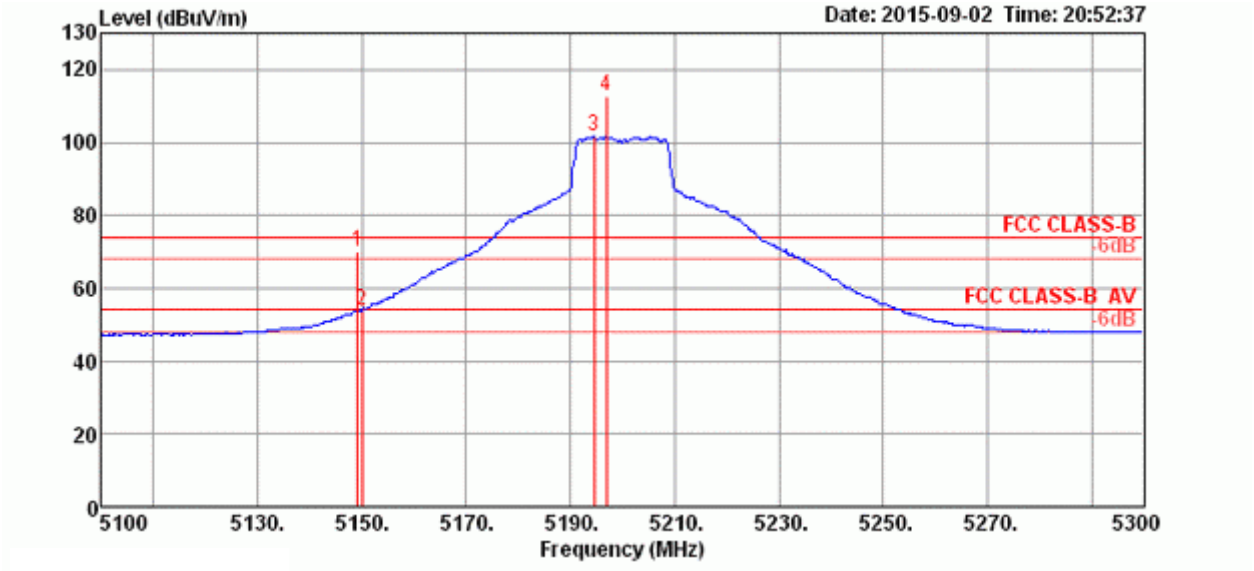


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5149.13	68.20	74.00	-5.80	61.30	6.21	33.74	33.05	100	21	Peak	VERTICAL
2	5150.00	53.76	54.00	-0.24	46.86	6.21	33.74	33.05	100	21	Average	VERTICAL
3	5186.80	108.61			101.63	6.24	33.79	33.05	100	21	Peak	VERTICAL
4	5187.96	98.36			91.38	6.24	33.79	33.05	100	21	Average	VERTICAL

Item 3, 4 are the fundamental frequency at 5180 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 40

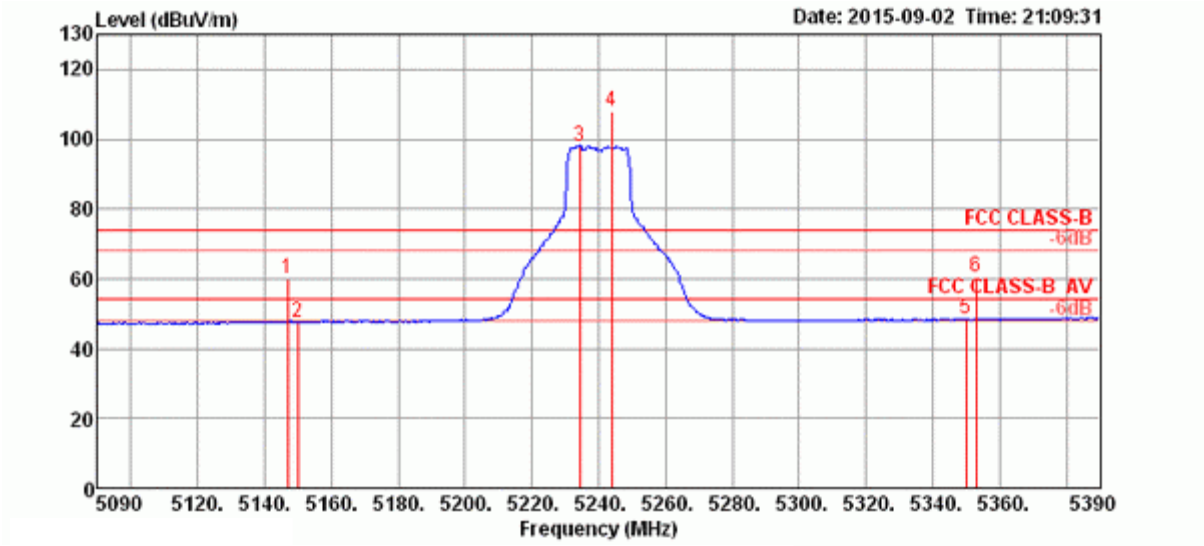


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5149.13	69.82	74.00	-4.18	62.92	6.21	33.74	33.05	100	21	Peak	VERTICAL
2	5150.00	53.90	54.00	-0.10	47.00	6.21	33.74	33.05	100	21	Average	VERTICAL
3	5194.50	101.56			94.55	6.24	33.82	33.05	100	21	Average	VERTICAL
4	5196.82	112.75			105.71	6.27	33.82	33.05	100	21	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5200 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 48



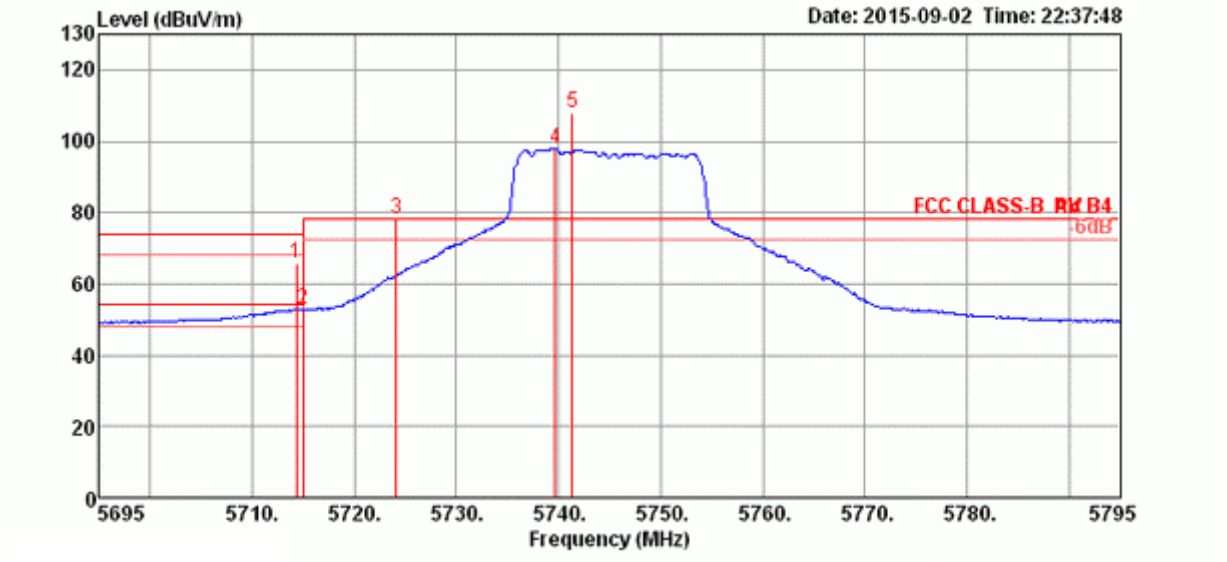
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5146.96	59.89	74.00	-14.11	52.99	6.21	33.74	33.05	100	16	Peak	VERTICAL
2	5150.00	47.49	54.00	-6.51	40.59	6.21	33.74	33.05	100	16	Average	VERTICAL
3	5234.36	98.08			90.96	6.30	33.87	33.05	100	16	Average	VERTICAL
4	5243.91	107.98			100.83	6.30	33.90	33.05	100	16	Peak	VERTICAL
5	5350.00	48.56	54.00	-5.44	41.09	6.47	34.06	33.06	100	16	Average	VERTICAL
6	5353.04	60.38	74.00	-13.62	52.91	6.47	34.06	33.06	100	16	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5240 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26℃	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149, 157, 165 / Chain 9

Channel 149

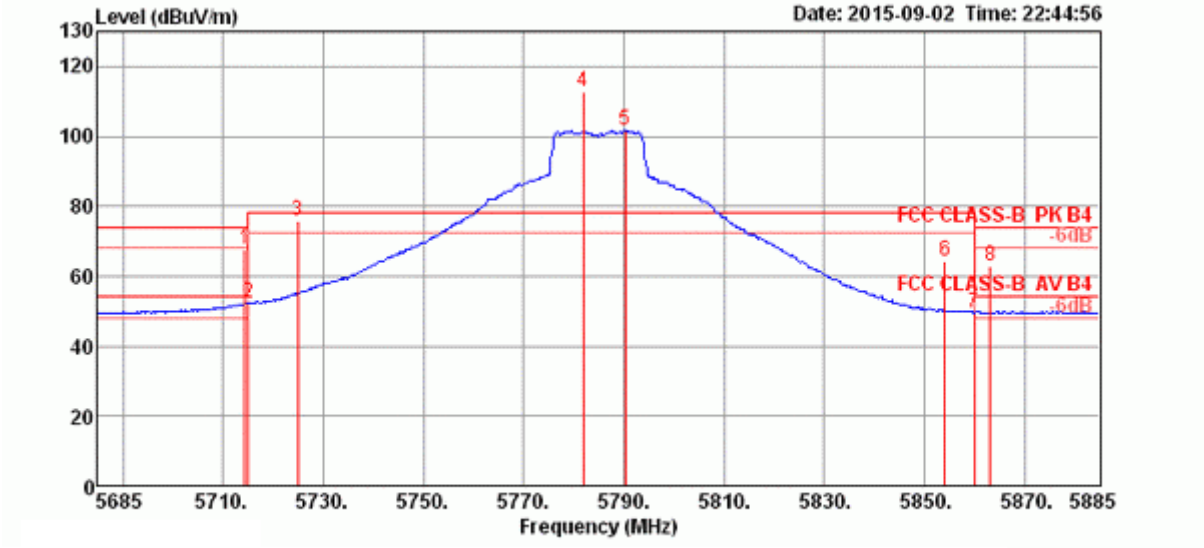


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5714.28	65.81	74.00	-8.19	57.69	6.83	34.42	33.13	100	4	Peak	VERTICAL
2	5715.00	52.68	54.00	-1.32	44.56	6.83	34.42	33.13	100	4	Average	VERTICAL
3	5724.13	78.01	78.20	-0.19	69.88	6.83	34.43	33.13	100	4	Peak	VERTICAL
4	5739.65	97.86			89.70	6.86	34.44	33.14	100	4	Average	VERTICAL
5	5741.38	107.87			99.71	6.86	34.44	33.14	100	4	Peak	VERTICAL

Item 4, 5 are the fundamental frequency at 5745 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 157

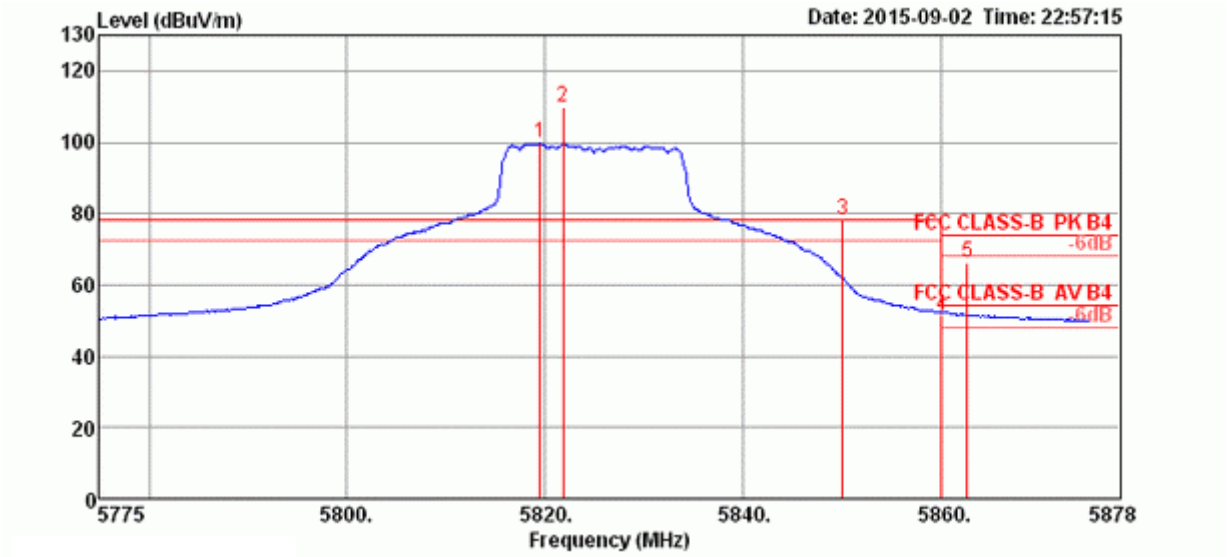


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5714.42	67.40	74.00	-6.60	59.28	6.83	34.42	33.13	101	360	Peak	VERTICAL
2	5715.00	52.15	54.00	-1.85	44.03	6.83	34.42	33.13	101	360	Average	VERTICAL
3	5725.00	75.89	78.20	-2.31	67.76	6.83	34.43	33.13	101	360	Peak	VERTICAL
4	5781.82	112.70			104.49	6.90	34.47	33.16	101	360	Peak	VERTICAL
5	5790.21	101.61			93.39	6.90	34.48	33.16	101	360	Average	VERTICAL
6	5854.05	64.37	78.20	-13.83	56.07	6.95	34.52	33.17	101	360	Peak	VERTICAL
7	5860.00	49.55	54.00	-4.45	41.24	6.97	34.52	33.18	101	360	Average	VERTICAL
8	5863.18	62.89	74.00	-11.11	54.58	6.97	34.52	33.18	101	360	Peak	VERTICAL

Item 4, 5 are the fundamental frequency at 5785 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 165



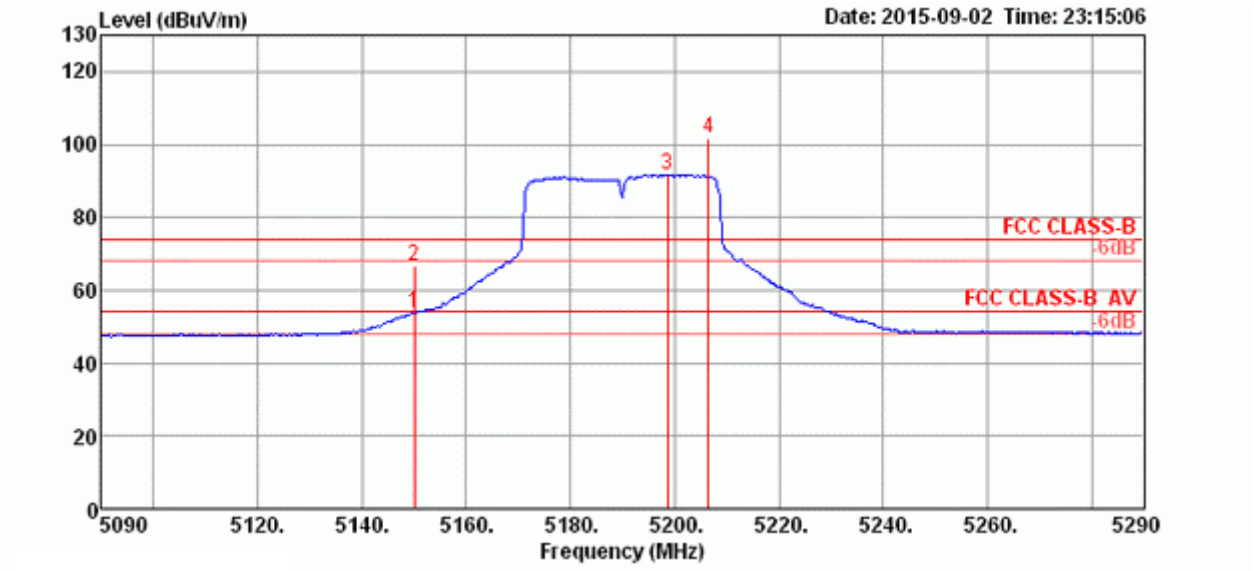
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5819.50	99.55			91.29	6.92	34.50	33.16	100	2	Average	VERTICAL
2	5821.82	109.99			101.73	6.92	34.50	33.16	100	2	Peak	VERTICAL
3	5850.00	78.18	78.20	-0.02	69.89	6.95	34.51	33.17	100	2	Peak	VERTICAL
4	5860.00	51.42	54.00	-2.58	43.11	6.97	34.52	33.18	100	2	Average	VERTICAL
5	5862.60	66.16	74.00	-7.84	57.85	6.97	34.52	33.18	100	2	Peak	VERTICAL

Item 1, 2 are the fundamental frequency at 5825 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 38, 46 / Chain 9

Channel 38

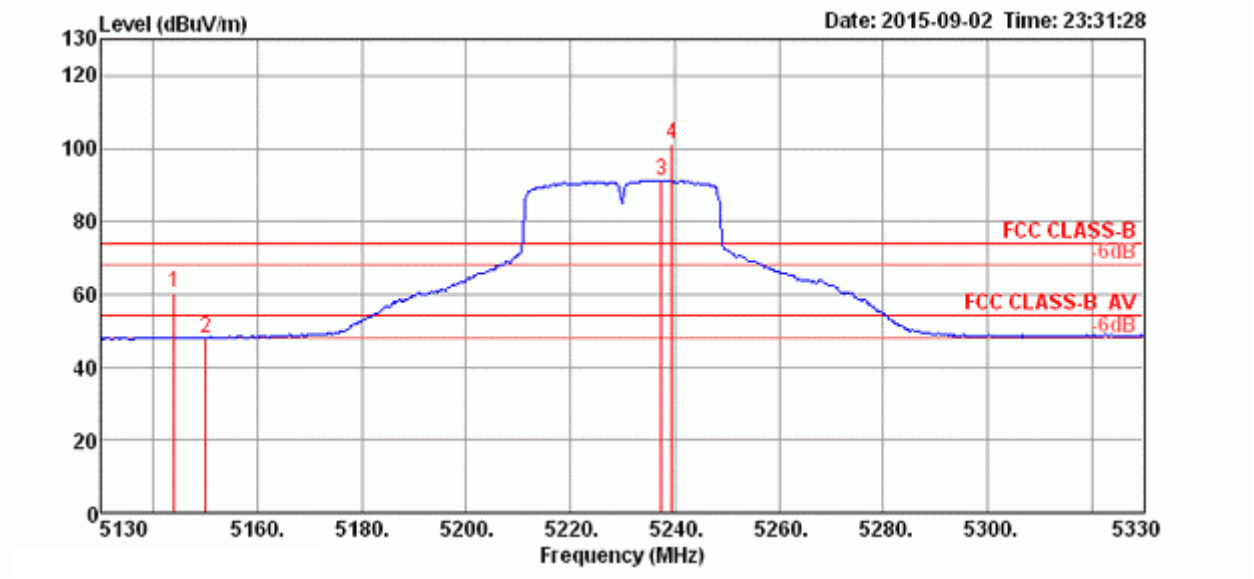


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5150.00	53.76	54.00	-0.24	46.86	6.21	33.74	33.05	100	18	Average	VERTICAL
2	5150.00	66.66	74.00	-7.34	59.76	6.21	33.74	33.05	100	18	Peak	VERTICAL
3	5198.68	91.61			84.57	6.27	33.82	33.05	100	18	Average	VERTICAL
4	5206.50	101.63			94.59	6.27	33.82	33.05	100	18	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5190 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 46



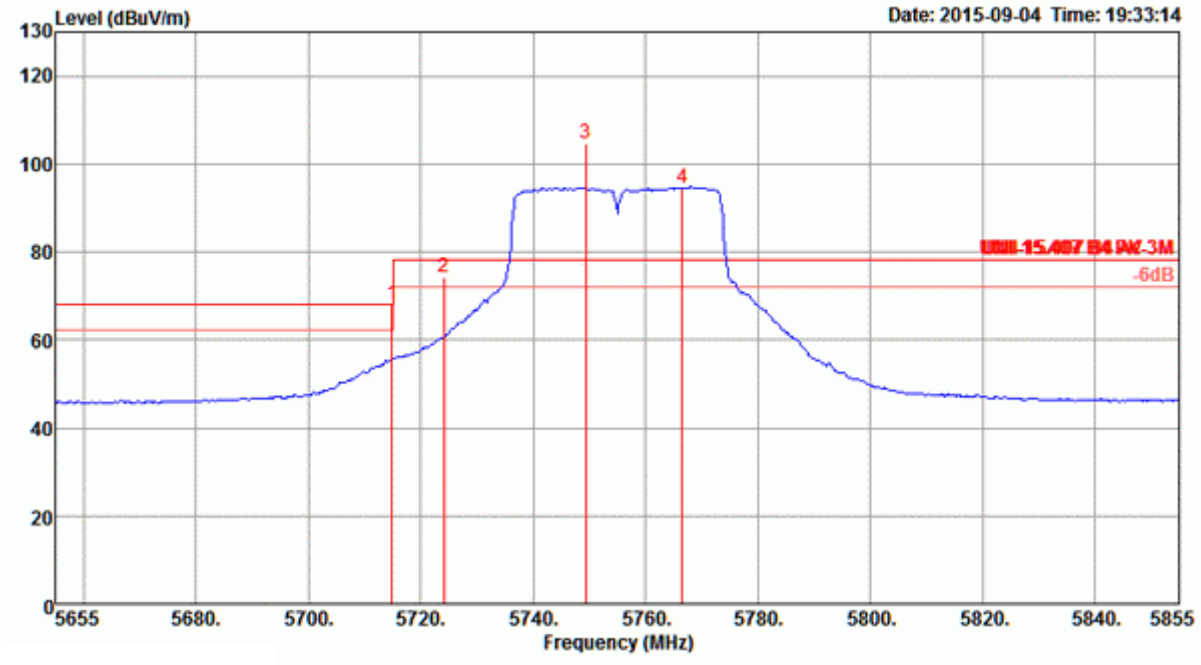
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5143.92	60.57	74.00	-13.43	53.67	6.21	33.74	33.05	100	68	Peak	HORIZONTAL
2	5150.00	48.05	54.00	-5.95	41.15	6.21	33.74	33.05	100	68	Average	HORIZONTAL
3	5237.53	91.30			84.18	6.30	33.87	33.05	100	68	Average	HORIZONTAL
4	5239.55	101.05			93.93	6.30	33.87	33.05	100	68	Peak	HORIZONTAL

Item 3, 4 are the fundamental frequency at 5230 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT40 CH 151, 159 / Chain 9

Channel 151

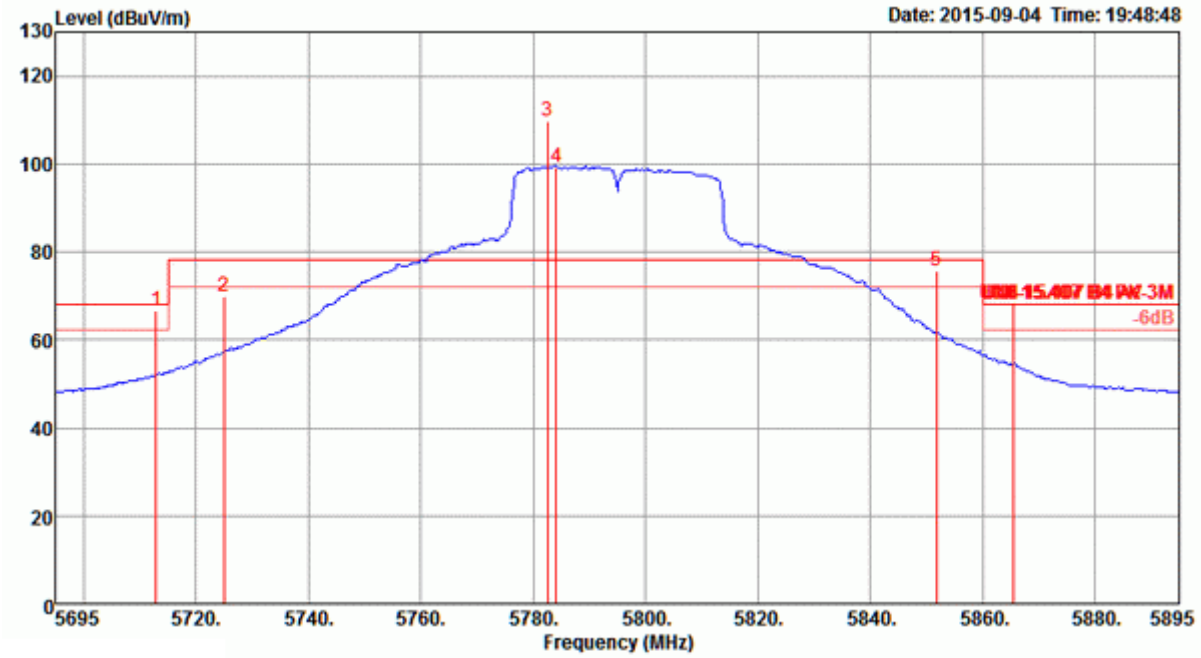


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5715.00	68.09	68.20	-0.11	63.59	4.49	34.52	34.51	358	107	Peak	VERTICAL
2	5724.20	74.41	78.20	-3.79	69.85	4.50	34.57	34.51	358	107	Peak	VERTICAL
3	5749.40	104.79			100.19	4.50	34.62	34.52	358	107	Peak	VERTICAL
4	5766.60	94.62			89.96	4.51	34.68	34.53	358	107	Average	VERTICAL

Item 3, 4 are the fundamental frequency at 5755 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 159



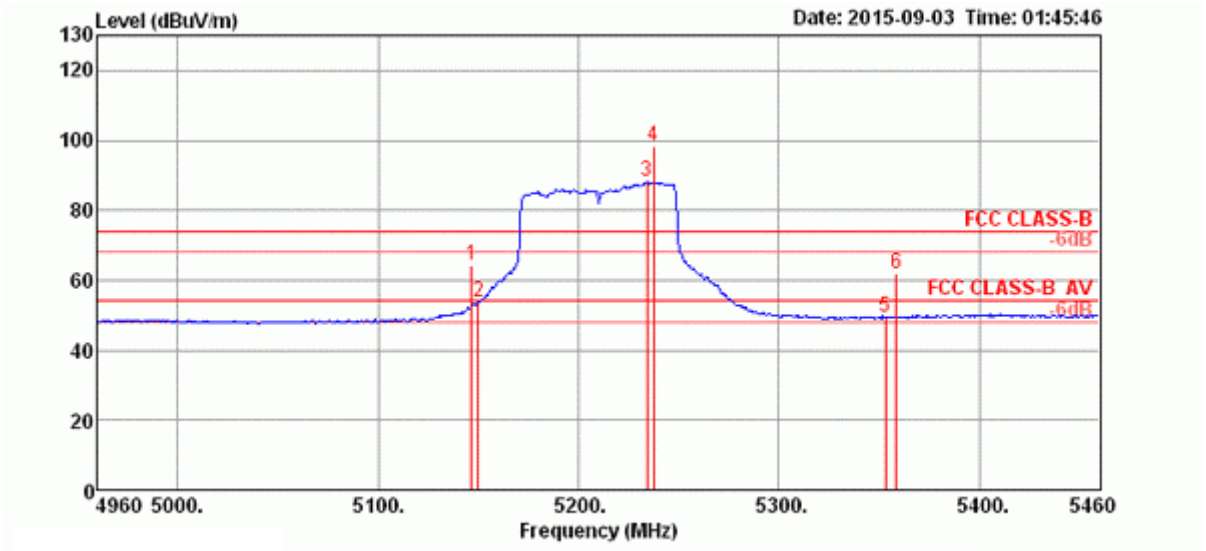
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5713.00	66.53	68.20	-1.67	62.03	4.49	34.52	34.51	1	115	Peak	VERTICAL
2	5725.00	69.90	78.20	-8.30	65.34	4.50	34.57	34.51	1	115	Peak	VERTICAL
3	5782.60	109.88			105.16	4.52	34.73	34.53	1	115	Peak	VERTICAL
4	5784.20	99.38			94.66	4.52	34.73	34.53	1	115	Average	VERTICAL
5	5851.80	75.55	78.20	-2.65	70.62	4.54	34.93	34.54	1	115	Peak	VERTICAL
6	5865.40	68.00	68.20	-0.20	63.00	4.55	34.99	34.54	1	115	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5795 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Temperature	26°C	Humidity	57%
Test Engineer	Roki Liu	Configurations	IEEE 802.11ac MCS0/Nss1 VHT80 CH 42, 155 / Chain 9

Channel 42

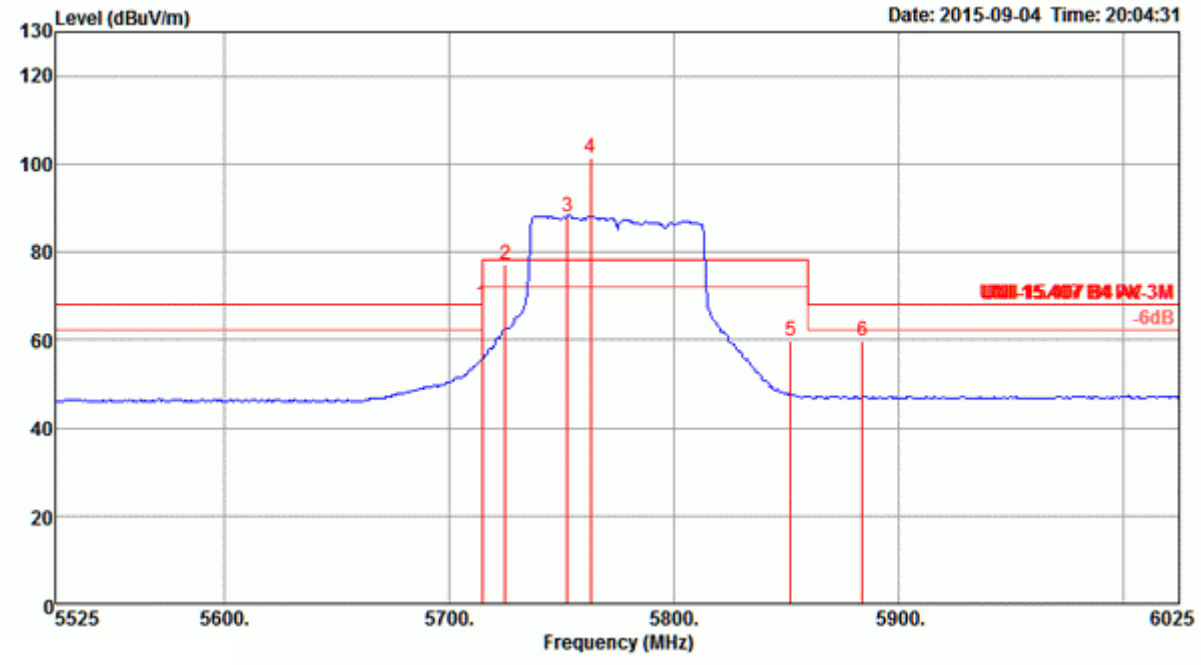


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	5146.38	64.45	74.00	-9.55	57.55	6.21	33.74	33.05	100	21	Peak	VERTICAL
2	5150.00	53.81	54.00	-0.19	46.91	6.21	33.74	33.05	100	21	Average	VERTICAL
3	5233.88	88.03			80.91	6.30	33.87	33.05	100	21	Average	VERTICAL
4	5237.50	98.20			91.08	6.30	33.87	33.05	100	21	Peak	VERTICAL
5	5352.89	49.39	54.00	-4.61	41.92	6.47	34.06	33.06	100	21	Average	VERTICAL
6	5358.68	61.94	74.00	-12.06	54.47	6.47	34.06	33.06	100	21	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5210 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Channel 155



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5715.00	68.08	68.20	-0.12	63.58	4.49	34.52	34.51	18	100	Peak	VERTICAL
2	5725.00	77.05	78.20	-1.15	72.49	4.50	34.57	34.51	18	100	Peak	VERTICAL
3	5753.00	88.10			83.43	4.51	34.68	34.52	18	100	Average	VERTICAL
4	5763.00	101.42			96.76	4.51	34.68	34.53	18	100	Peak	VERTICAL
5	5852.00	59.73	78.20	-18.47	54.80	4.54	34.93	34.54	18	100	Peak	VERTICAL
6	5884.00	59.82	68.20	-8.38	54.78	4.55	35.04	34.55	18	100	Peak	VERTICAL

Item 3, 4 are the fundamental frequency at 5775 MHz.

Note: Both antenna polarizations have been tested and only the worst case was recorded in test report.

Note:

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level

4.8. Frequency Stability Measurement

4.8.1. Limit

In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band (IEEE 802.11n specification).

4.8.2. Measuring Instruments and Setting

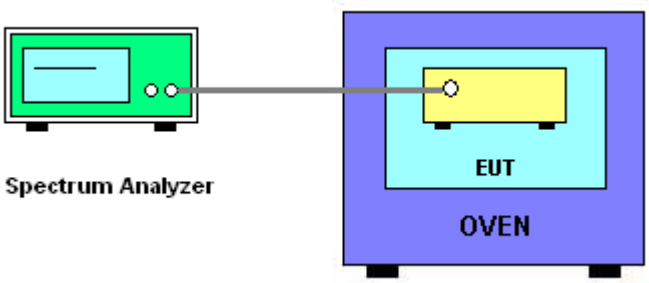
Please refer to section 5 of equipments list in this report. The following table is the setting of the spectrum analyzer.

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Sweep Time	Auto

4.8.3. Test Procedures

1. The transmitter output (antenna port) was connected to the spectrum analyzer.
2. EUT have transmitted absence of modulation signal and fixed channelize.
3. Set the spectrum analyzer span to view the entire absence of modulation emissions bandwidth.
4. Set RBW = 10 kHz, VBW = 10 kHz with peak detector and maxhold settings.
5. fc is declaring of channel frequency. Then the frequency error formula is (fc-f)/fc × 10^6 ppm and the limit is less than ±20ppm (IEEE 802.11nspecification).
6. Allow sufficient time (approximately 30 min) for the temperature of the chamber to stabilize, turn the EUT on and measure the operating frequency after 2, 5, and 10 minutes.
7. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value
8. Extreme temperature is 0°C~40°C.

4.8.4. Test Setup Layout



4.8.5. Test Deviation

There is no deviation with the original standard.

4.8.6. EUT Operation during Test

The EUT was programmed to be in continuously un-modulation transmitting mode.

4.8.7. Test Result of Frequency Stability

Temperature	25°C	Humidity	45%
Test Engineer	Mars Lin	Test Date	Sep. 04, 2015 ~ Dec. 22, 2015

For Radio 2

Mode: 20 MHz / Chain 6

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5199.9946	5199.9935	5199.9920	5199.9900
110.00	5199.9934	5199.9921	5199.9905	5199.9886
93.50	5199.9920	5199.9911	5199.9897	5199.9879
Max. Deviation (MHz)	**0.0080**	**0.0089**	**0.0103**	**0.0121**
Max. Deviation (ppm)	**1.53**	**1.71**	**1.97**	**2.32**
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5199.9959	5199.9945	5199.9926	5199.9904
10	5199.9946	5199.9933	5199.9918	5199.9900
20	5199.9934	5199.9921	5199.9905	5199.9886
30	5199.9920	5199.9909	5199.9895	5199.9879
40	5199.9905	5199.9892	5199.9876	5199.9857
Max. Deviation (MHz)	**0.0112**	**0.0124**	**0.0139**	**0.0162**
Max. Deviation (ppm)	**2.15**	**2.38**	**2.67**	**3.11**
Result	Complies			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5784.9951	5784.9940	5784.9925	5784.9905
110.00	5784.9939	5784.9926	5784.9910	5784.9891
93.50	5784.9925	5784.9916	5784.9902	5784.9884
Max. Deviation (MHz)	**0.0075**	**0.0084**	**0.0098**	**0.0116**
Max. Deviation (ppm)	**1.29**	**1.45**	**1.69**	**2.00**
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5784.9964	5784.9950	5784.9931	5784.9909
10	5784.9951	5784.9938	5784.9923	5784.9905
20	5784.9939	5784.9926	5784.9910	5784.9891
30	5784.9925	5784.9914	5784.9900	5784.9884
40	5784.9910	5784.9897	5784.9881	5784.9862
Max. Deviation (MHz)	**0.0107**	**0.0119**	**0.0134**	**0.0157**
Max. Deviation (ppm)	**1.85**	**2.05**	**2.31**	**2.71**
Result	Complies			

Mode: 40 MHz / Chain 6

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5189.9964	5189.9953	5189.9938	5189.9918
110.00	5189.9952	5189.9939	5189.9923	5189.9904
93.50	5189.9938	5189.9929	5189.9915	5189.9897
Max. Deviation (MHz)	**0.0062**	**0.0071**	**0.0085**	**0.0103**
Max. Deviation (ppm)	**1.19**	**1.36**	**1.63**	**1.98**
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5189.9977	5189.9963	5189.9944	5189.9922
10	5189.9964	5189.9951	5189.9936	5189.9918
20	5189.9952	5189.9939	5189.9923	5189.9904
30	5189.9938	5189.9927	5189.9913	5189.9897
40	5189.9923	5189.9910	5189.9894	5189.9875
Max. Deviation (MHz)	**0.0094**	**0.0106**	**0.0121**	**0.0144**
Max. Deviation (ppm)	**1.81**	**2.04**	**2.33**	**2.77**
Result	Complies			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5754.9951	5754.9940	5754.9925	5754.9905
110.00	5754.9939	5754.9926	5754.9910	5754.9891
93.50	5754.9925	5754.9916	5754.9902	5754.9884
Max. Deviation (MHz)	**0.0075**	**0.0084**	**0.0098**	**0.0116**
Max. Deviation (ppm)	**1.30**	**1.46**	**1.70**	**2.01**
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5754.9964	5754.9950	5754.9931	5754.9909
10	5754.9951	5754.9938	5754.9923	5754.9905
20	5754.9939	5754.9926	5754.9910	5754.9891
30	5754.9925	5754.9914	5754.9900	5754.9884
40	5754.9910	5754.9897	5754.9881	5754.9862
Max. Deviation (MHz)	**0.0107**	**0.0119**	**0.0134**	**0.0157**
Max. Deviation (ppm)	**1.86**	**2.06**	**2.32**	**2.72**
Result	Complies			

Mode: 80 MHz / Chain 6

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5209.9956	5209.9945	5209.9930	5209.9910
110.00	5209.9944	5209.9931	5209.9915	5209.9896
93.50	5209.9930	5209.9921	5209.9907	5209.9889
Max. Deviation (MHz)	**0.0070**	**0.0079**	**0.0093**	**0.0111**
Max. Deviation (ppm)	**1.35**	**1.52**	**1.79**	**2.14**
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5209.9969	5209.9955	5209.9936	5209.9914
10	5209.9956	5209.9943	5209.9928	5209.9910
20	5209.9944	5209.9931	5209.9915	5209.9896
30	5209.9930	5209.9919	5209.9905	5209.9889
40	5209.9915	5209.9902	5209.9886	5209.9867
Max. Deviation (MHz)	**0.0102**	**0.0114**	**0.0129**	**0.0152**
Max. Deviation (ppm)	**1.97**	**2.20**	**2.48**	**2.93**
Result	Complies			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5774.9948	5774.9937	5774.9922	5774.9902
110.00	5774.9936	5774.9923	5774.9907	5774.9888
93.50	5774.9922	5774.9913	5774.9899	5774.9881
Max. Deviation (MHz)	**0.0078**	**0.0087**	**0.0101**	**0.0119**
Max. Deviation (ppm)	**1.35**	**1.50**	**1.75**	**2.06**
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5774.9961	5774.9947	5774.9928	5774.9906
10	5774.9948	5774.9935	5774.9920	5774.9902
20	5774.9936	5774.9923	5774.9907	5774.9888
30	5774.9922	5774.9911	5774.9897	5774.9881
40	5774.9907	5774.9894	5774.9878	5774.9859
Max. Deviation (MHz)	**0.0110**	**0.0122**	**0.0137**	**0.0160**
Max. Deviation (ppm)	**1.90**	**2.11**	**2.37**	**2.77**
Result	Complies			

For Radio 3

Mode: 20 MHz / Chain 9

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5200.0055	5200.0054	5200.0043	5200.0031
110.00	5200.0048	5200.0040	5200.0031	5200.0021
93.50	5200.0044	5200.0039	5200.0033	5200.0026
Max. Deviation (MHz)	**0.0055**	**0.0054**	**0.0043**	**0.0031**
Max. Deviation (ppm)	**1.06**	**1.04**	**0.83**	**0.60**
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5200.0055	5200.0042	5200.0026	5200.0007
10	5200.0051	5200.0038	5200.0022	5200.0003
20	5200.0048	5200.0044	5200.0036	5200.0024
30	5200.0046	5200.0033	5200.0017	5199.9998
40	5200.0043	5200.0030	5200.0014	5199.9995
Max. Deviation (MHz)	**0.0055**	**0.0044**	**0.0036**	**0.0024**
Max. Deviation (ppm)	**1.06**	**0.85**	**0.69**	**0.46**
Result	Complies			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5785.0049	5785.0048	5785.0037	5785.0025
110.00	5785.0042	5785.0034	5785.0025	5785.0015
93.50	5785.0038	5785.0033	5785.0027	5785.0020
Max. Deviation (MHz)	**0.0049**	**0.0048**	**0.0037**	**0.0025**
Max. Deviation (ppm)	**0.85**	**0.83**	**0.64**	**0.43**
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5785.0049	5785.0036	5785.0020	5785.0001
10	5785.0045	5785.0032	5785.0016	5784.9997
20	5785.0042	5785.0038	5785.0030	5785.0018
30	5785.0040	5785.0027	5785.0011	5784.9992
40	5785.0037	5785.0024	5785.0008	5784.9989
Max. Deviation (MHz)	**0.0049**	**0.0038**	**0.0030**	**0.0018**
Max. Deviation (ppm)	**0.85**	**0.66**	**0.52**	**0.31**
Result	Complies			

Mode: 40 MHz / Chain 9

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5190.0099	5190.0098	5190.0087	5190.0075
110.00	5190.0092	5190.0084	5190.0075	5190.0065
93.50	5190.0088	5190.0083	5190.0077	5190.0070
Max. Deviation (MHz)	**0.0099**	**0.0098**	**0.0087**	**0.0075**
Max. Deviation (ppm)	**1.91**	**1.89**	**1.68**	**1.45**
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5190.0101	5190.0088	5190.0072	5190.0053
10	5190.0096	5190.0083	5190.0067	5190.0048
20	5190.0092	5190.0088	5190.0080	5190.0068
30	5190.0089	5190.0076	5190.0060	5190.0041
40	5190.0085	5190.0072	5190.0056	5190.0037
Max. Deviation (MHz)	**0.0101**	**0.0088**	**0.0080**	**0.0068**
Max. Deviation (ppm)	**1.95**	**1.70**	**1.54**	**1.31**
Result	Complies			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5755.0061	5755.0060	5755.0049	5755.0037
110.00	5755.0054	5755.0046	5755.0037	5755.0027
93.50	5755.0050	5755.0045	5755.0039	5755.0032
Max. Deviation (MHz)	**0.0061**	**0.0060**	**0.0049**	**0.0037**
Max. Deviation (ppm)	**1.06**	**1.04**	**0.85**	**0.64**
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5755.0061	5755.0048	5755.0032	5755.0013
10	5755.0057	5755.0044	5755.0028	5755.0009
20	5755.0054	5755.0050	5755.0042	5755.0030
30	5755.0052	5755.0039	5755.0023	5755.0004
40	5755.0049	5755.0036	5755.0020	5755.0001
Max. Deviation (MHz)	**0.0061**	**0.0050**	**0.0042**	**0.0030**
Max. Deviation (ppm)	**1.06**	**0.87**	**0.73**	**0.52**
Result	Complies			

Mode: 80 MHz / Chain 9

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5210.0061	5210.0060	5210.0049	5210.0037
110.00	5210.0054	5210.0046	5210.0037	5210.0027
93.50	5210.0050	5210.0045	5210.0039	5210.0032
Max. Deviation (MHz)	**0.0061**	**0.0060**	**0.0049**	**0.0037**
Max. Deviation (ppm)	**1.17**	**1.15**	**0.94**	**0.71**
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5210.0061	5210.0048	5210.0032	5210.0013
10	5210.0057	5210.0044	5210.0028	5210.0009
20	5210.0054	5210.0050	5210.0042	5210.0030
30	5210.0052	5210.0039	5210.0023	5210.0004
40	5210.0049	5210.0036	5210.0020	5210.0001
Max. Deviation (MHz)	**0.0061**	**0.0050**	**0.0042**	**0.0030**
Max. Deviation (ppm)	**1.17**	**0.96**	**0.81**	**0.58**
Result	Complies			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5775.0069	5775.0068	5775.0057	5775.0045
110.00	5775.0062	5775.0054	5775.0045	5775.0035
93.50	5775.0058	5775.0053	5775.0047	5775.0040
Max. Deviation (MHz)	**0.0069**	**0.0068**	**0.0057**	**0.0045**
Max. Deviation (ppm)	**1.19**	**1.18**	**0.99**	**0.78**
Result	Complies			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5775.0059	5775.0046	5775.0030	5775.0011
10	5775.0055	5775.0042	5775.0026	5775.0007
20	5775.0052	5775.0048	5775.0040	5775.0028
30	5775.0050	5775.0037	5775.0021	5775.0002
40	5775.0047	5775.0034	5775.0018	5774.9999
Max. Deviation (MHz)	**0.0059**	**0.0048**	**0.0040**	**0.0028**
Max. Deviation (ppm)	**1.02**	**0.83**	**0.69**	**0.48**
Result	Complies			

4.9. Antenna Requirements

4.9.1. Limit

Except for special regulations, the Low-power Radio-frequency Devices must not be equipped with any jacket for installing an antenna with extension cable. An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section. The manufacturer may design the unit so that the user can replace a broken antenna, but the use of a standard antenna jack or electrical connector is prohibited. Further, this requirement does not apply to intentional radiators that must be professionally installed.

4.9.2. Antenna Connector Construction

Please refer to section 3.3 in this test report; antenna connector complied with the requirements.

5. LIST OF MEASURING EQUIPMENTS

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
EMI Test Receiver	R&S	ESCS 30	100355	9kHz ~ 2.75GHz	Apr. 22, 2015	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 02, 2014	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 02, 2014	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	Dec. 03, 2014	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	Conduction (CO01-CB)
BILOG ANTENNA	Schaffner	CBL6112D&ATT-06	22021&SP-01	20MHz ~ 2GHz	Nov. 18, 2015	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 12, 2015*	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Oct. 28, 2014	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Oct. 22, 2015	Radiation (03CH01-CB)
Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170252	15GHz ~ 40GHz	Jul. 21, 2015	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8447D	2944A10991	0.1MHz ~ 1.3GHz	Feb. 24, 2015	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 12, 2015	Radiation (03CH01-CB)
Pre-Amplifier	WM	TF-130N-R1	923365	26GHz ~ 40GHz	Feb.10, 2015	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 06, 2014	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Oct. 27, 2015	Radiation (03CH01-CB)
EMI Receiver	Agilent	N9038A	MY52260123	9kHz ~ 8.4GHz	Jan. 21, 2015	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-1	N/A	30 MHz ~ 1 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Nov. 15, 2014	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-17	N/A	1 GHz ~ 18 GHz	Nov. 15, 2014	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-17	N/A	1 GHz ~ 18 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G-1	N/A	1 GHz ~ 40 GHz	Nov. 15, 2014	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G-1	N/A	18GHz ~ 40 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G-2	N/A	1 GHz ~ 40 GHz	Nov. 15, 2014	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G-2	N/A	18GHz ~ 40 GHz	Nov. 02, 2015	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSP40	100979	9kHz~40GHz	Dec. 12, 2014	Conducted (TH01-CB)
Spectrum Analyzer	R&S	FSP40	100142	9kHz~40GHz	Oct. 13, 2015	Conducted (TH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 12, 2014	Conducted (TH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 09, 2015	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 02, 2015	Conducted (TH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
RF Cable-high	Woken	RG402	High Cable-7	1 GHz – 26.5 GHz	Nov. 15, 2014	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz – 26.5 GHz	Nov. 15, 2014	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-9	1 GHz – 26.5 GHz	Nov. 15, 2014	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-9	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 26.5 GHz	Nov. 15, 2014	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz – 26.5 GHz	Nov. 15, 2014	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz – 26.5 GHz	Nov. 02, 2015	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 03, 2014	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 02, 2015	Conducted (TH01-CB)

Note: Calibration Interval of instruments listed above is one year.

"*" Calibration Interval of instruments listed above is two years.

N.C.R means Non-Calibration required.

6. MEASUREMENT UNCERTAINTY

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	3.2 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.7 dB	Confidence levels of 95%