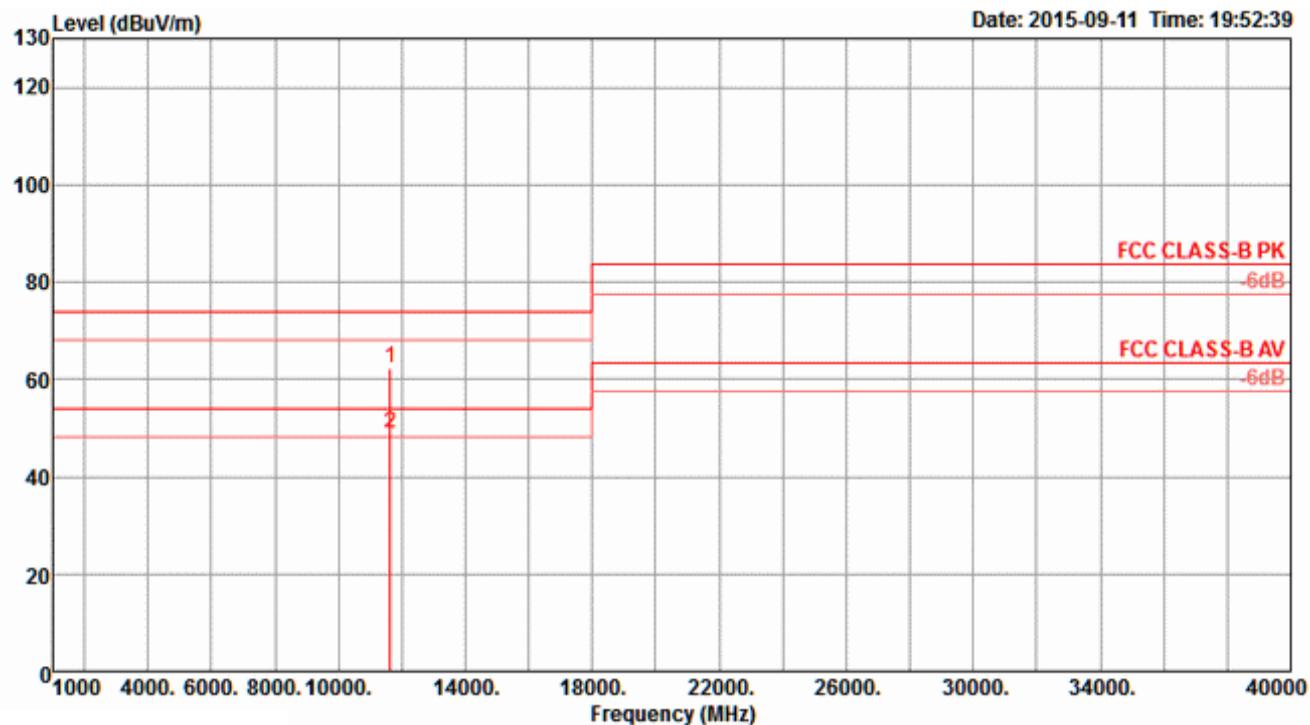
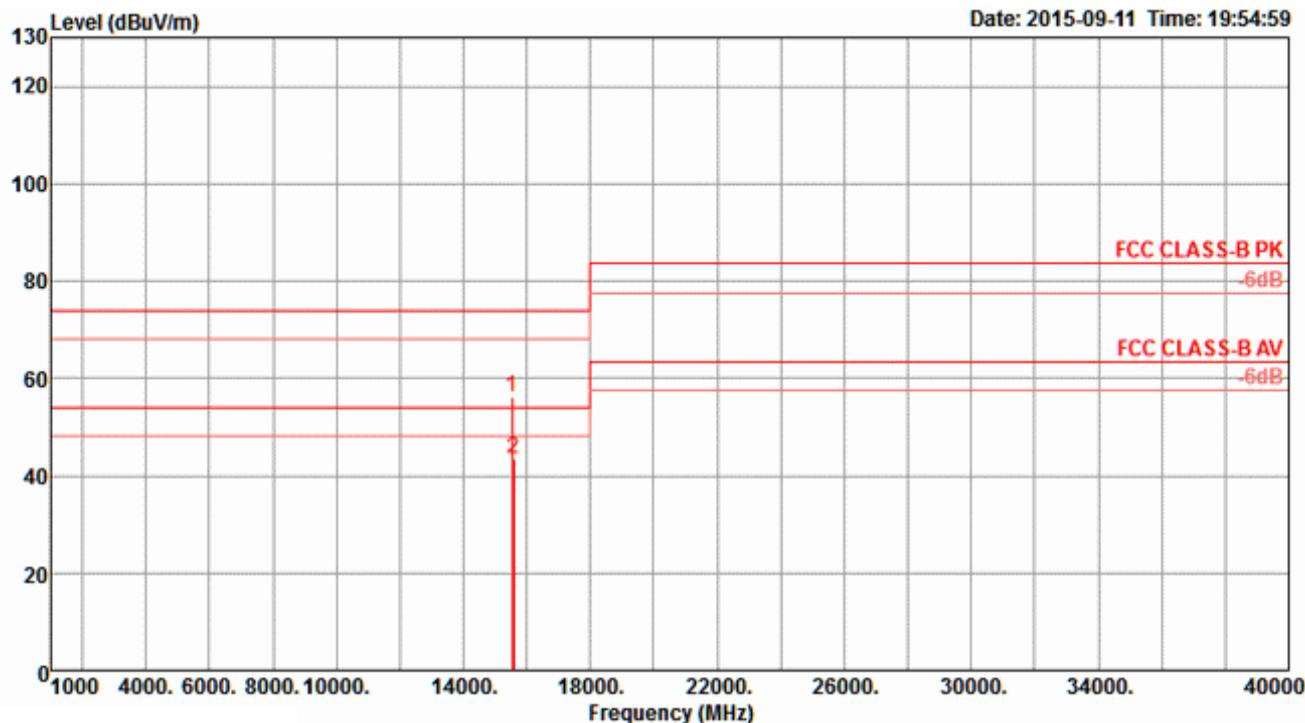


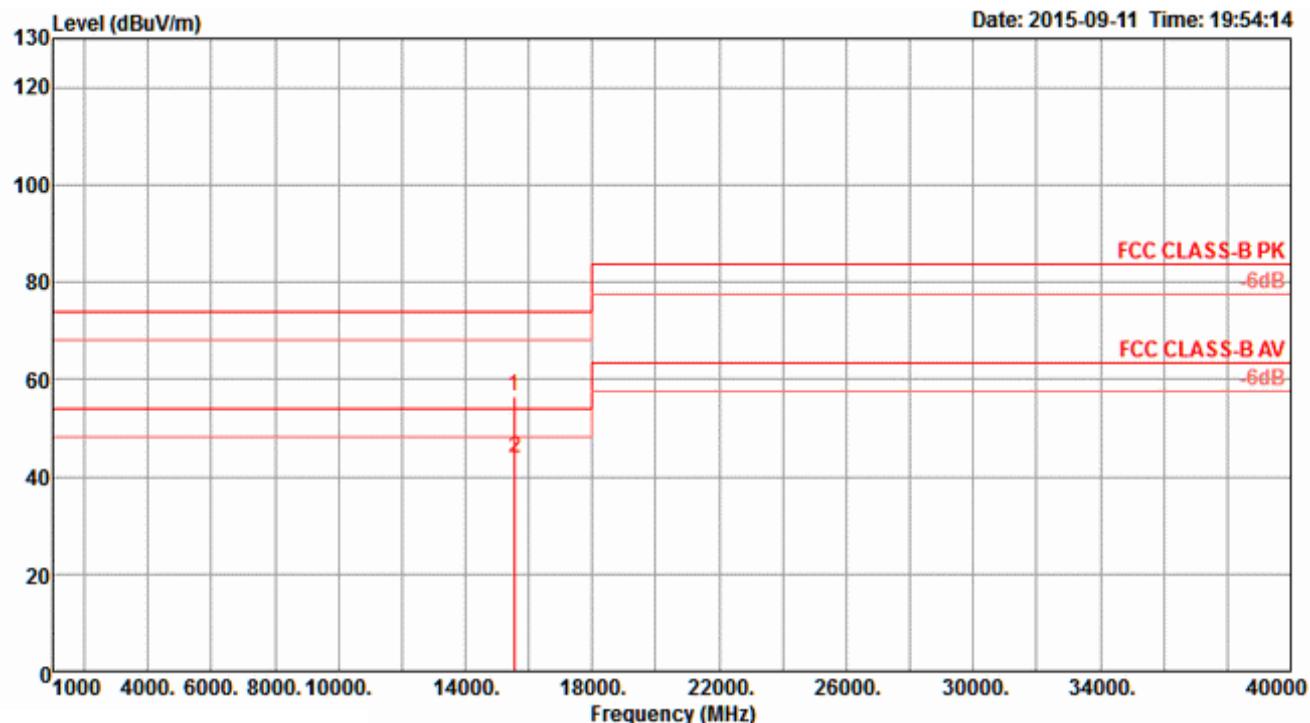
**Vertical**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	Cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	Cm		
1	11645.60	62.31	74.00	-11.69	51.69	6.56	38.73	34.67	347	150 Peak	VERTICAL
2	11646.90	48.99	54.00	-5.01	38.38	6.56	38.73	34.68	347	150 Average	VERTICAL

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

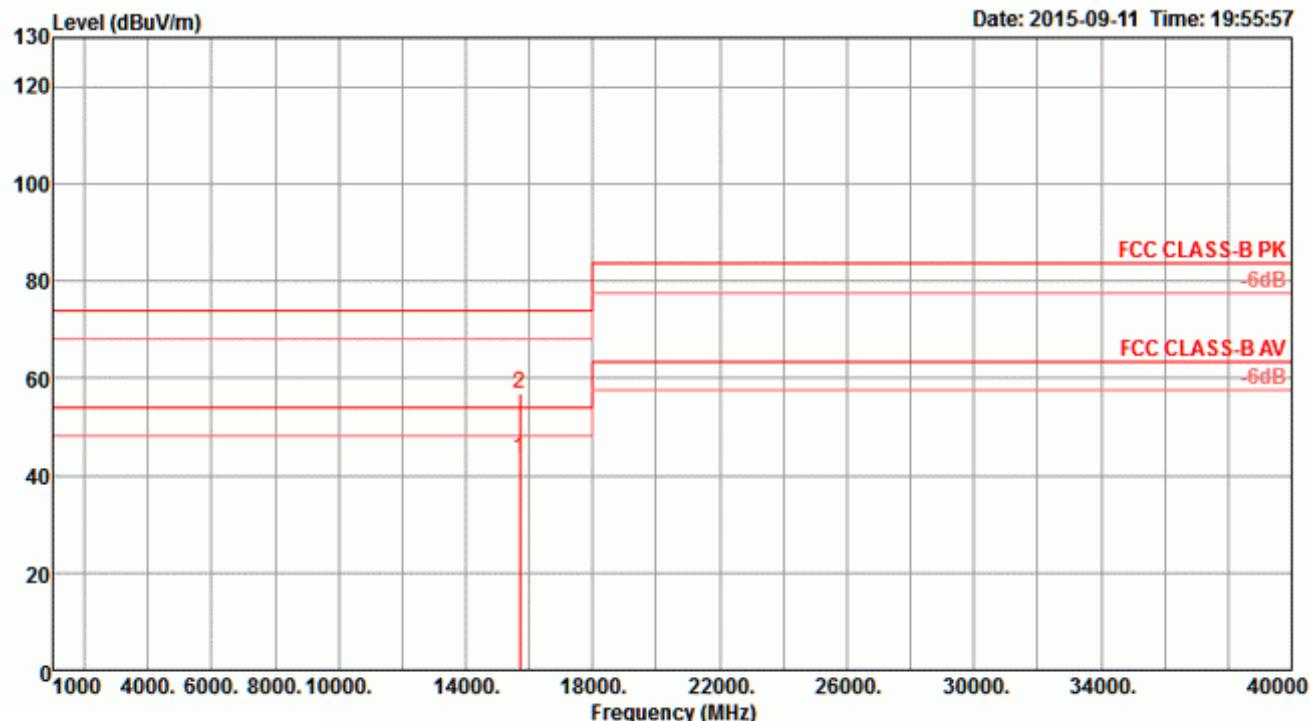
**Horizontal**


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	Cm		
1	15545.10	56.08	74.00	-17.92	44.95	7.56	38.19	34.62	281	150 Peak	HORIZONTAL
2	15584.40	43.59	54.00	-10.41	32.43	7.57	38.26	34.67	281	150 Average	HORIZONTAL

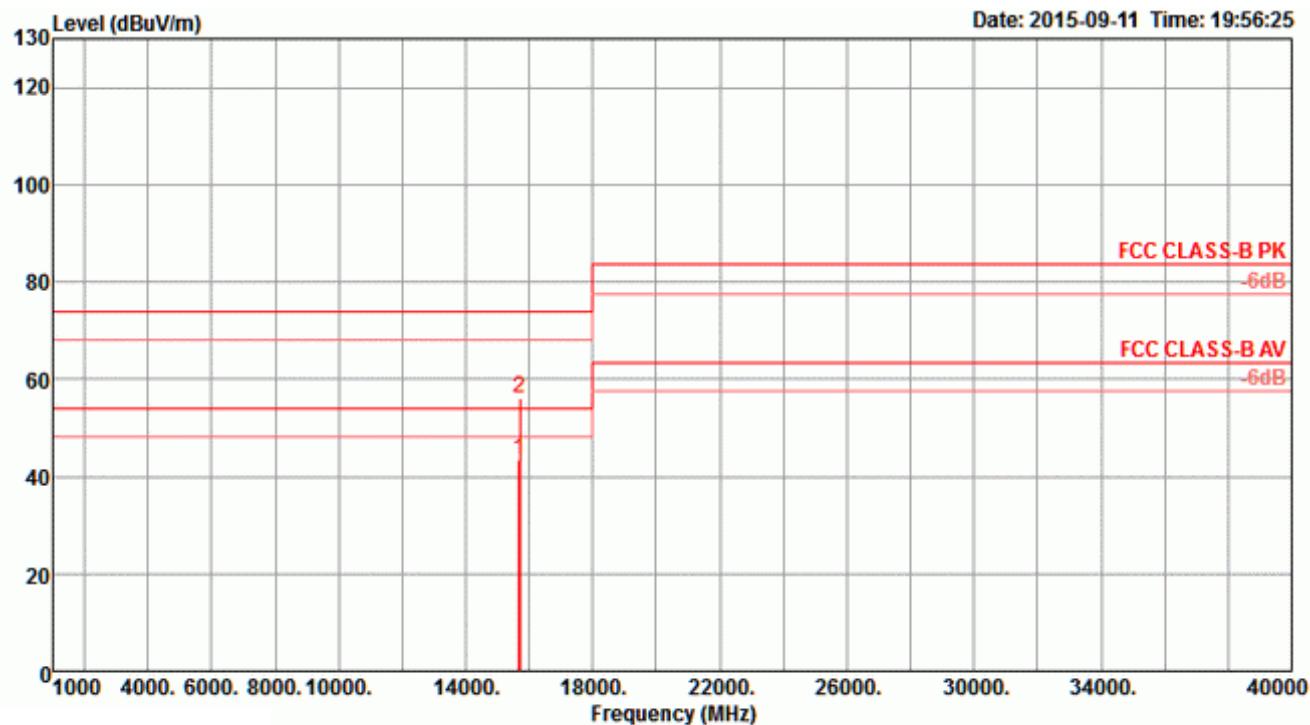
**Vertical**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	Cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	Cm		
1	15545.70	56.32	74.00	-17.68	45.19	7.56	38.19	34.62	248	150 Peak	VERTICAL
2	15569.30	43.86	54.00	-10.14	32.71	7.57	38.22	34.64	248	150 Average	VERTICAL

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

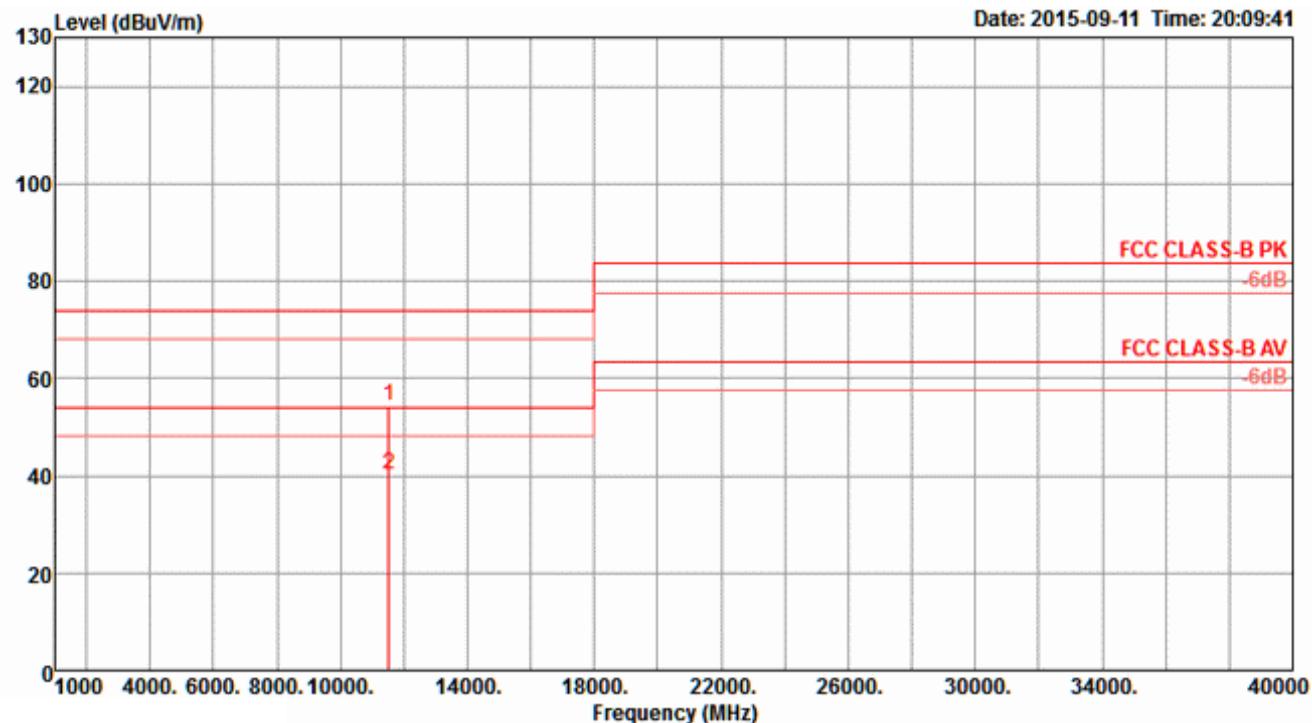
**Horizontal**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15688.24	43.42	54.00	-10.58	32.12	7.61	38.44	34.75	189	150	Average HORIZONTAL
2	15694.32	56.69	74.00	-17.31	45.39	7.61	38.44	34.75	189	150	Peak HORIZONTAL

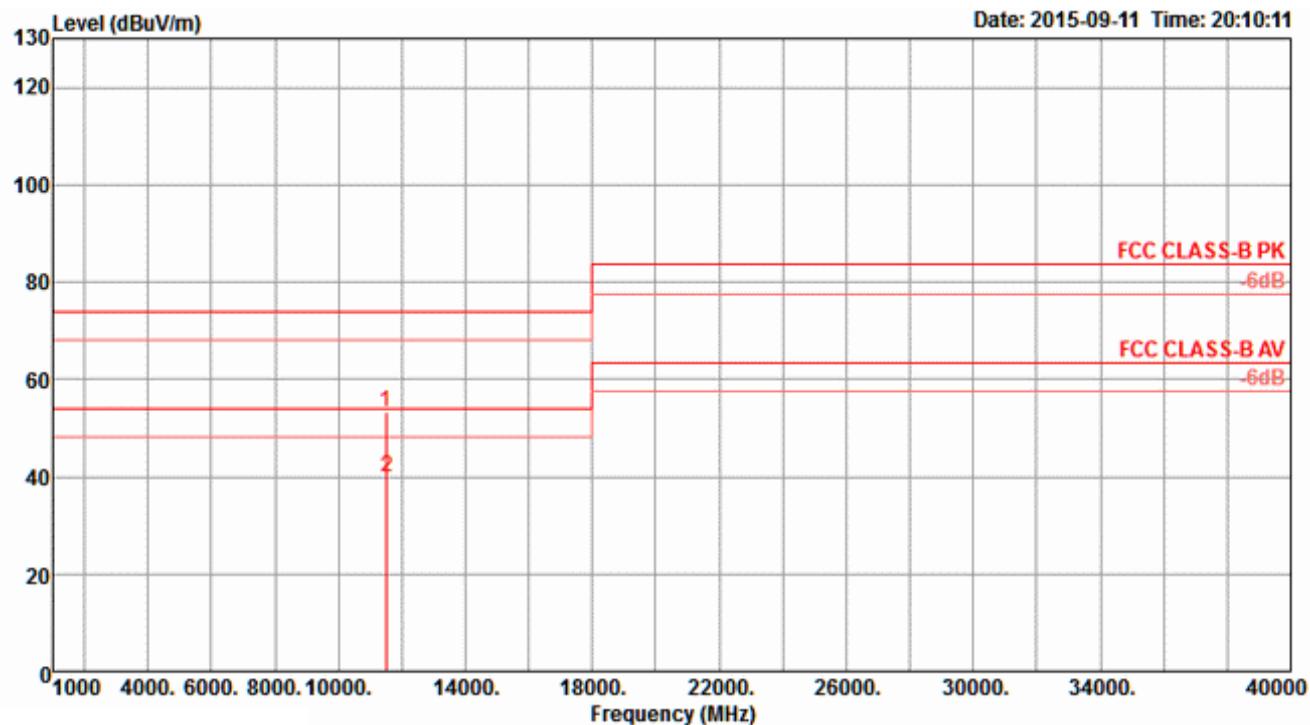
**Vertical**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamplifier	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15681.40	43.29	54.00	-10.71	31.99	7.61	38.44	34.75	240	150 Average	VERTICAL
2	15693.12	56.13	74.00	-17.87	44.83	7.61	38.44	34.75	240	150 Peak	VERTICAL

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

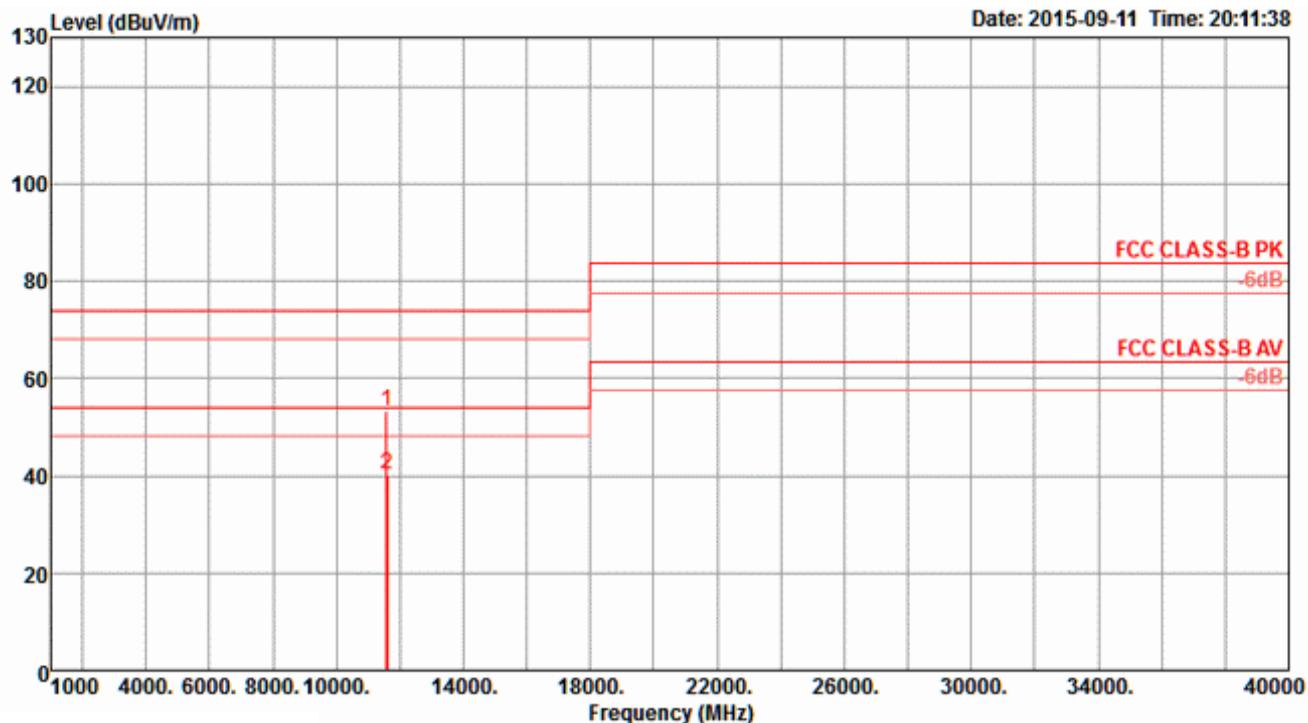
**Horizontal**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11511.12	54.31	74.00	-19.69	43.69	6.54	38.70	34.62	296	150 Peak	HORIZONTAL
2	11519.44	40.29	54.00	-13.71	29.68	6.54	38.70	34.63	296	150 Average	HORIZONTAL

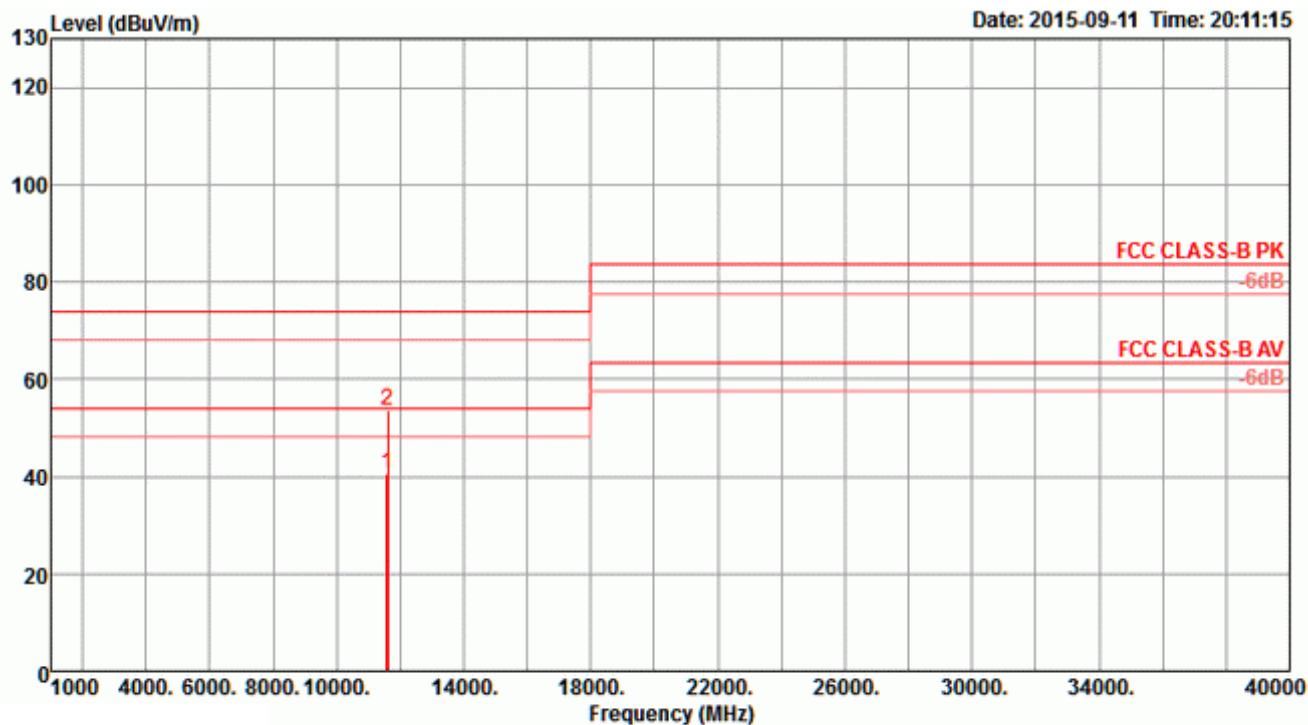
**Vertical**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11508.80	53.12	74.00	-20.88	42.50	6.54	38.70	34.62	248	150 Peak	VERTICAL
2	11518.96	39.88	54.00	-14.12	29.27	6.54	38.70	34.63	248	150 Average	VERTICAL

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

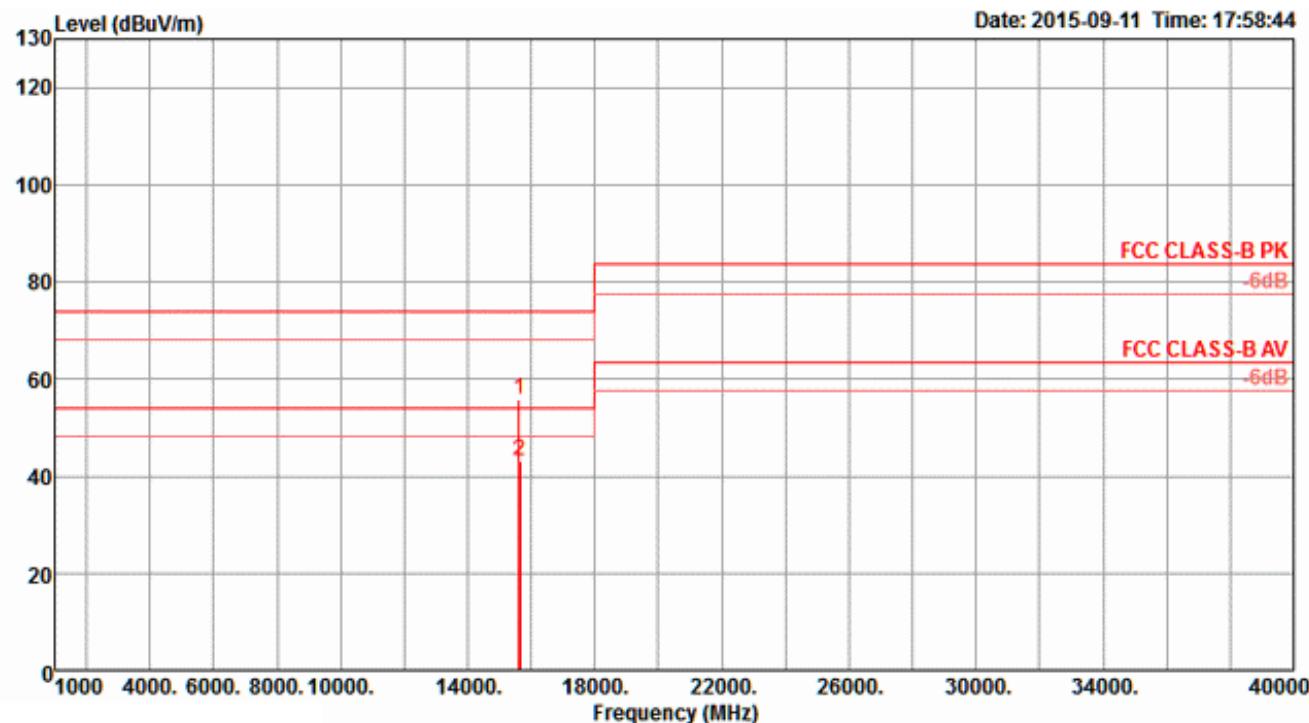
**Horizontal**


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	cm		
1	11588.76	53.09	74.00	-20.91	42.47	6.55	38.72	34.65	342	150 Peak	HORIZONTAL
2	11598.72	40.35	54.00	-13.65	29.74	6.55	38.72	34.66	342	150 Average	HORIZONTAL

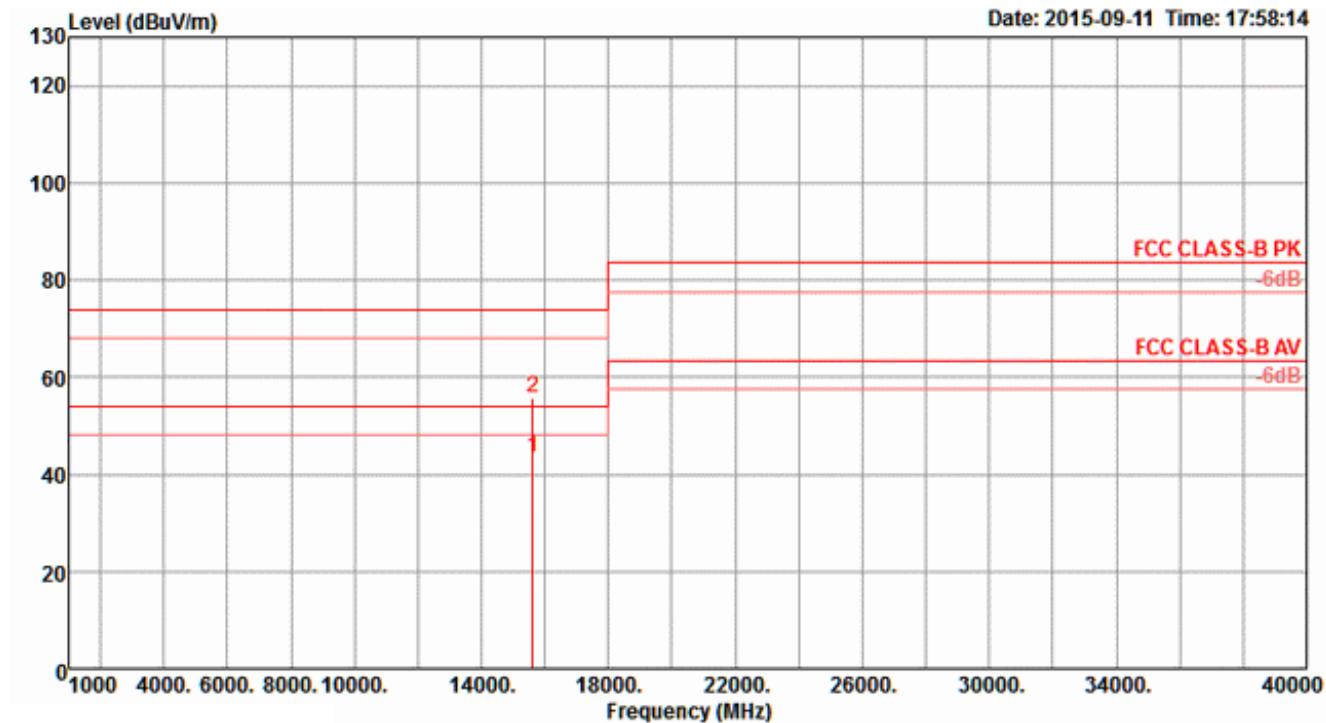
**Vertical**


Freq MHz	Level dBuV/m	Limit Line dB	Over Limit dB	Read Level dBuV	Cable Antenna Preamp			T/Pos deg	A/Pos cm	Remark	Pol/Phase
					Loss	Factor	Factor				
1 11588.28	40.48	54.00	-13.52	29.86	6.55	38.72	34.65	305	150	Average	VERTICAL
2 11594.56	53.61	74.00	-20.39	42.99	6.55	38.72	34.65	305	150	Peak	VERTICAL

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

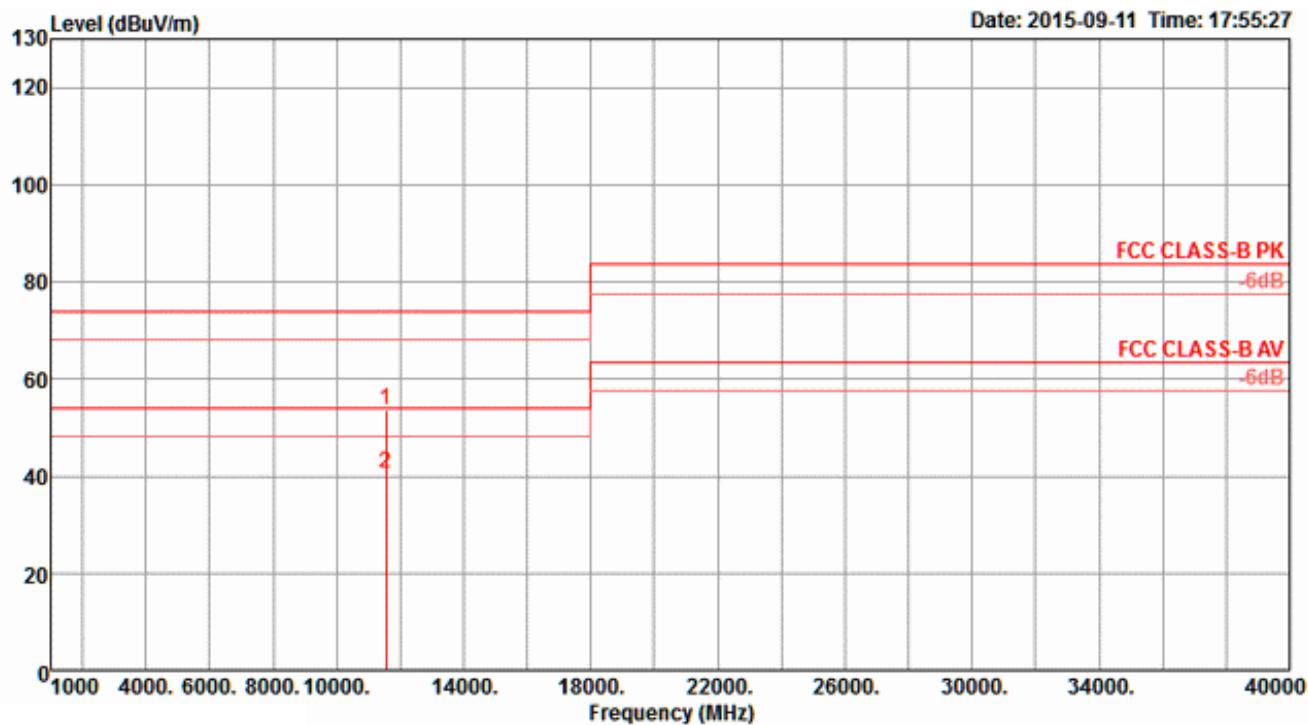
**Horizontal**


Freq	Level	Limit		Over Line Limit	Read Level	Cable Antenna Preamp			T/Pos	A/Pos	Remark	Pol/Phase
		Line	dB			Loss	Factor	Factor				
1	15625.74	55.72	74.00	-18.28	44.52	7.59	38.32	34.71	68	169	Peak	HORIZONTAL
2	15633.32	43.14	54.00	-10.86	31.91	7.59	38.35	34.71	68	169	Average	HORIZONTAL

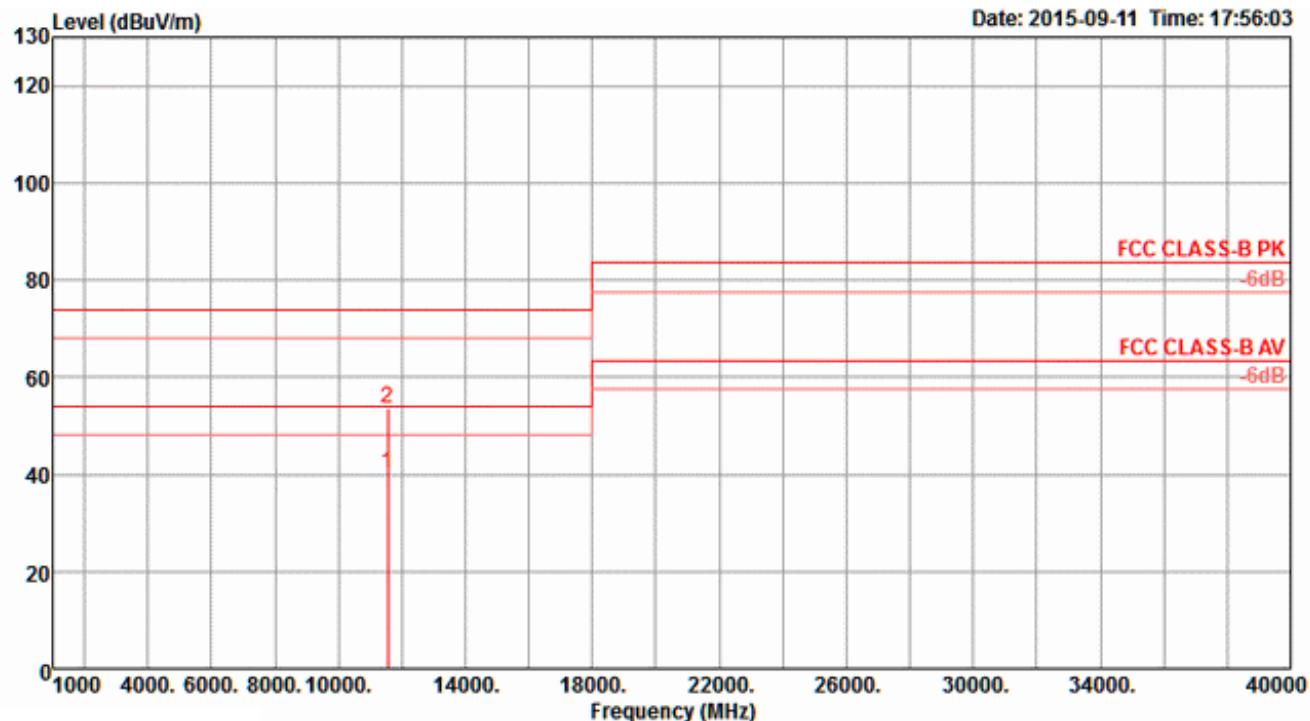
**Vertical**


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15630.34	43.31	54.00	-10.69	32.08	7.59	38.35	34.71	128	186	Average	VERTICAL
2	15630.86	55.90	74.00	-18.10	44.67	7.59	38.35	34.71	128	186	Peak	VERTICAL

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

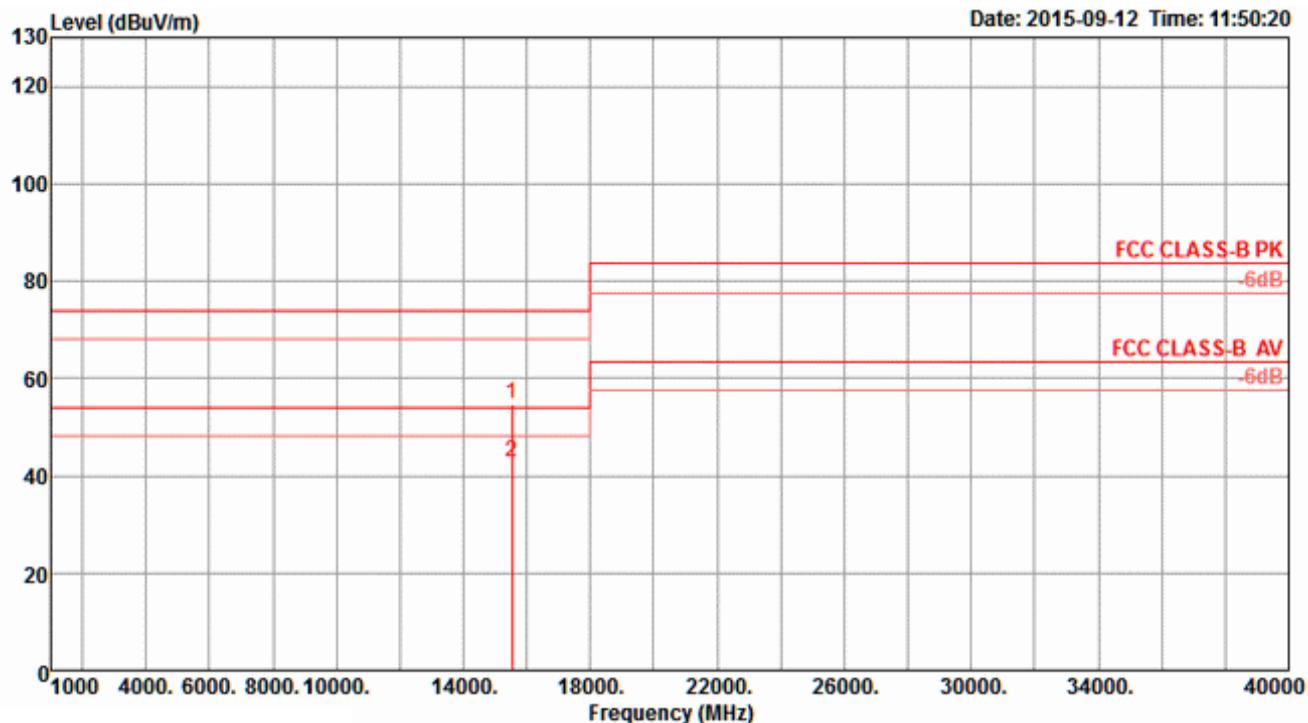
**Horizontal**


Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamplifier Factor	T/Pos	A/Pos	Remark	Pol/Phase
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11549.96	53.64	74.00	-20.36	43.02	6.55	38.71	34.64	213	198 Peak	HORIZONTAL
2	11554.56	40.38	54.00	-13.62	29.76	6.55	38.71	34.64	213	198 Average	HORIZONTAL

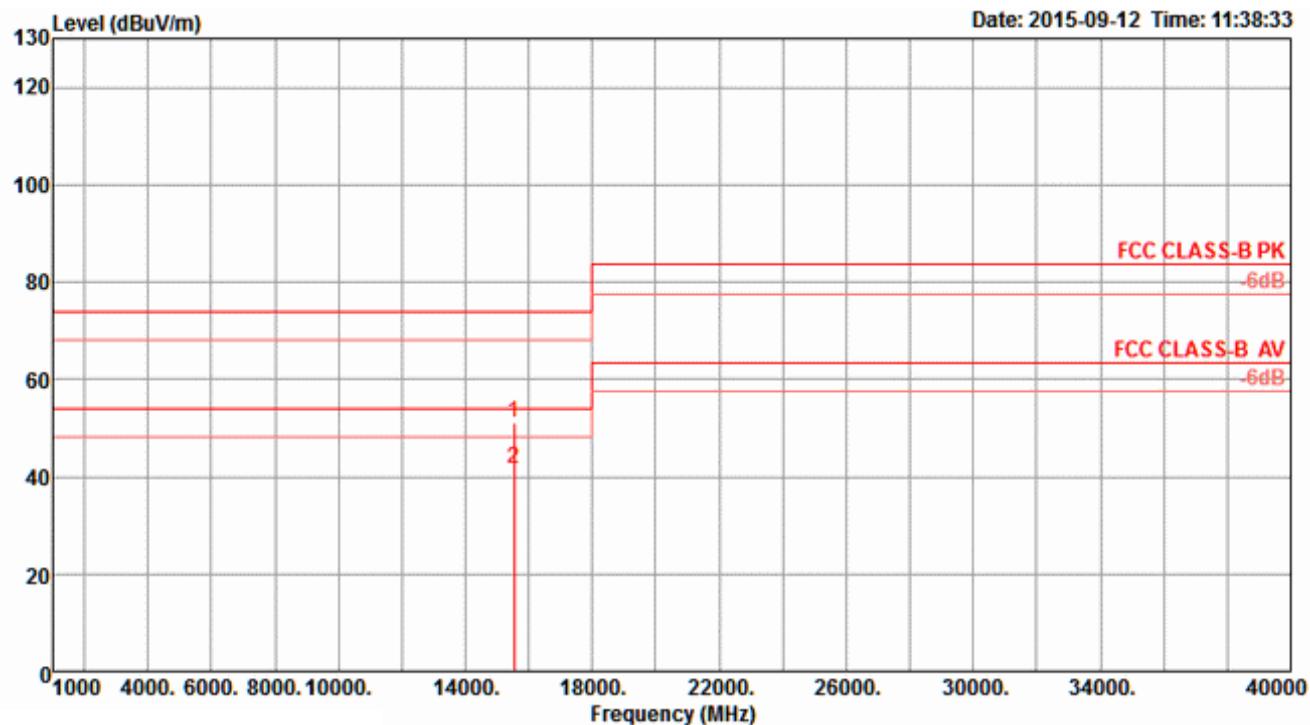
**Vertical**


	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	11545.76	40.37	54.00	-13.63	29.76	6.54	38.71	34.64	161	223	Average	VERTICAL
2	11554.06	53.57	74.00	-20.43	42.95	6.55	38.71	34.64	161	223	Peak	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss2 VHT20 CH 36 / Chain 5 + Chain 6 + Chain 7 + Chain 8

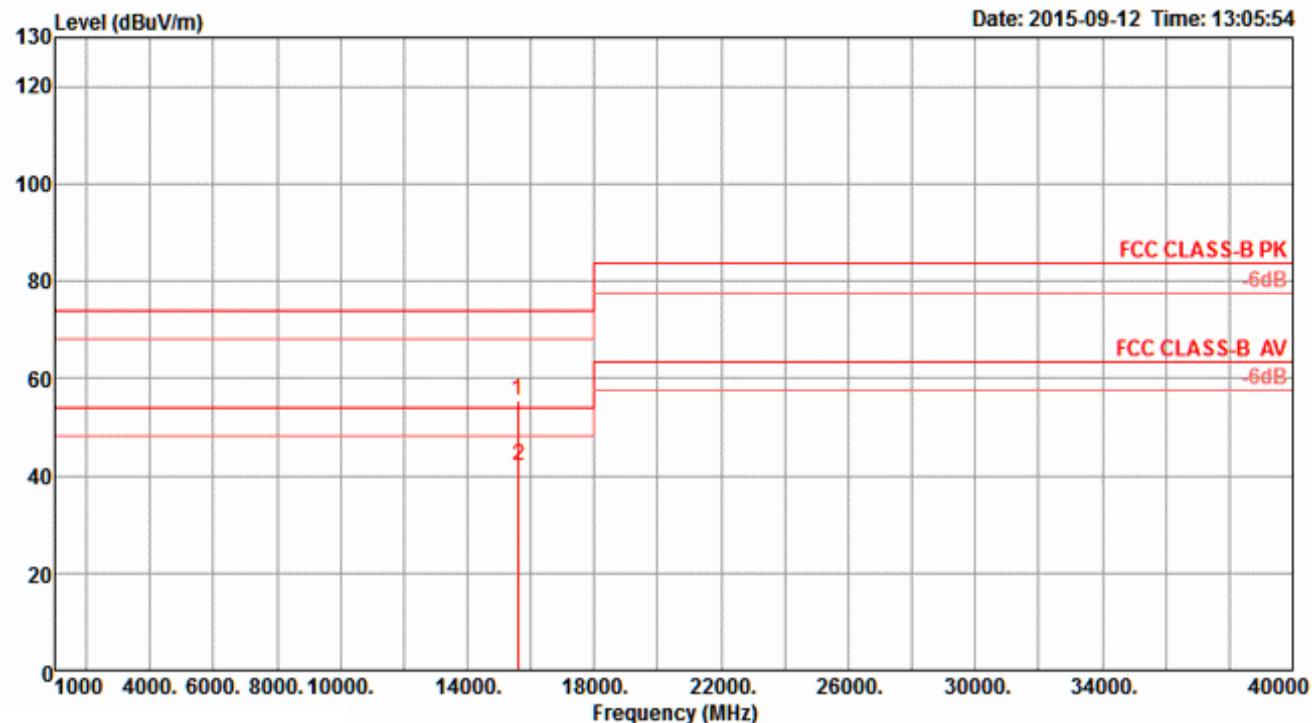
**Horizontal**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	Cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	Cm		
1	15539.42	54.85	74.00	-19.15	43.75	7.56	38.16	34.62	157	157 Peak	HORIZONTAL
2	15544.22	42.78	54.00	-11.22	31.65	7.56	38.19	34.62	157	157 Average	HORIZONTAL

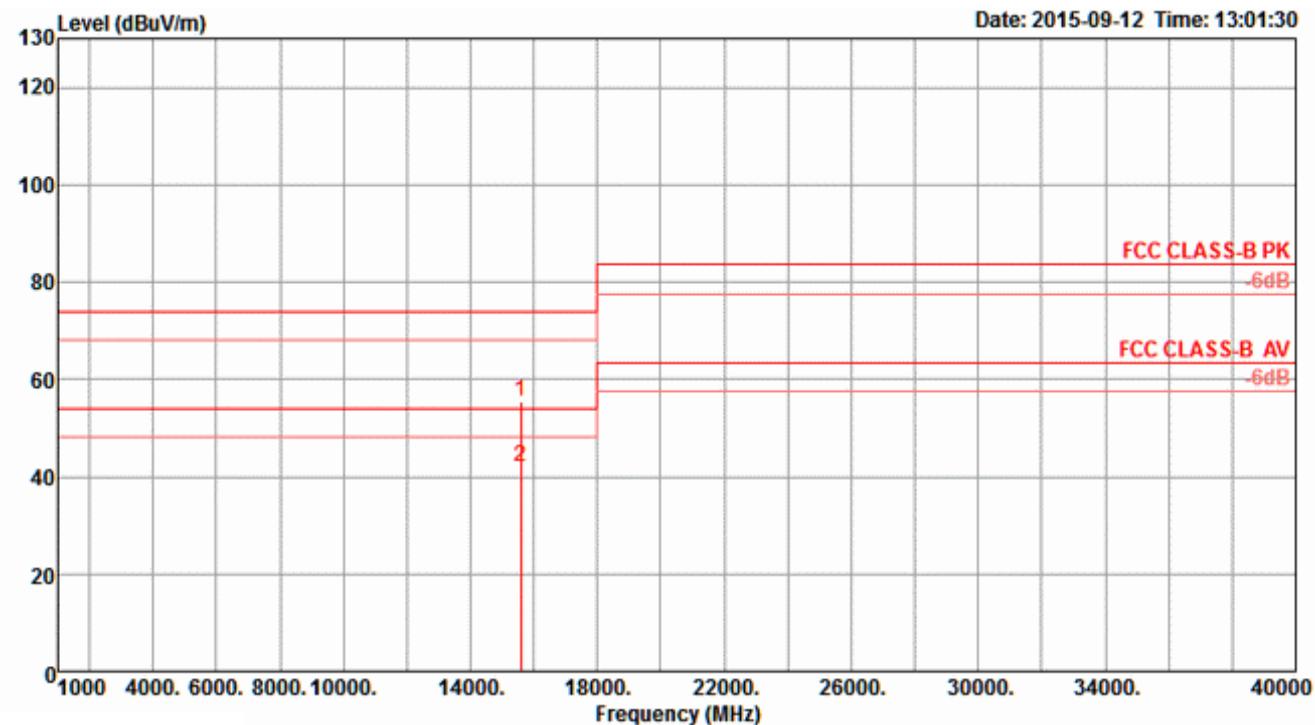
**Vertical**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	Cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	Cm		
1	15535.20	51.04	74.00	-22.96	39.94	7.56	38.16	34.62	160	147 Peak	VERTICAL
2	15537.58	41.71	54.00	-12.29	30.61	7.56	38.16	34.62	160	147 Average	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss2 VHT20 CH 40 / Chain 5 + Chain 6 + Chain 7 + Chain 8

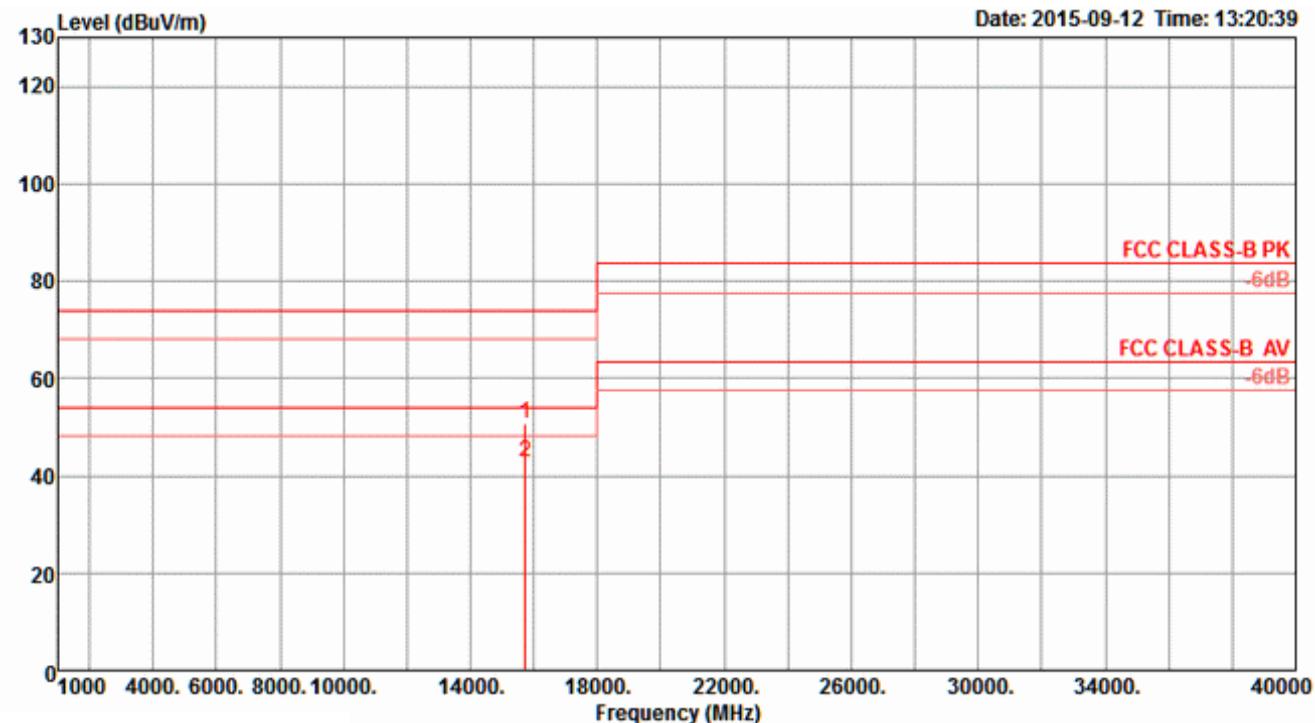
**Horizontal**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	Cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	Cm		
1	15597.54	55.32	74.00	-18.68	44.12	7.58	38.29	34.67	157	158 Peak	HORIZONTAL
2	15604.46	42.02	54.00	-11.98	30.84	7.58	38.29	34.69	157	158 Average	HORIZONTAL

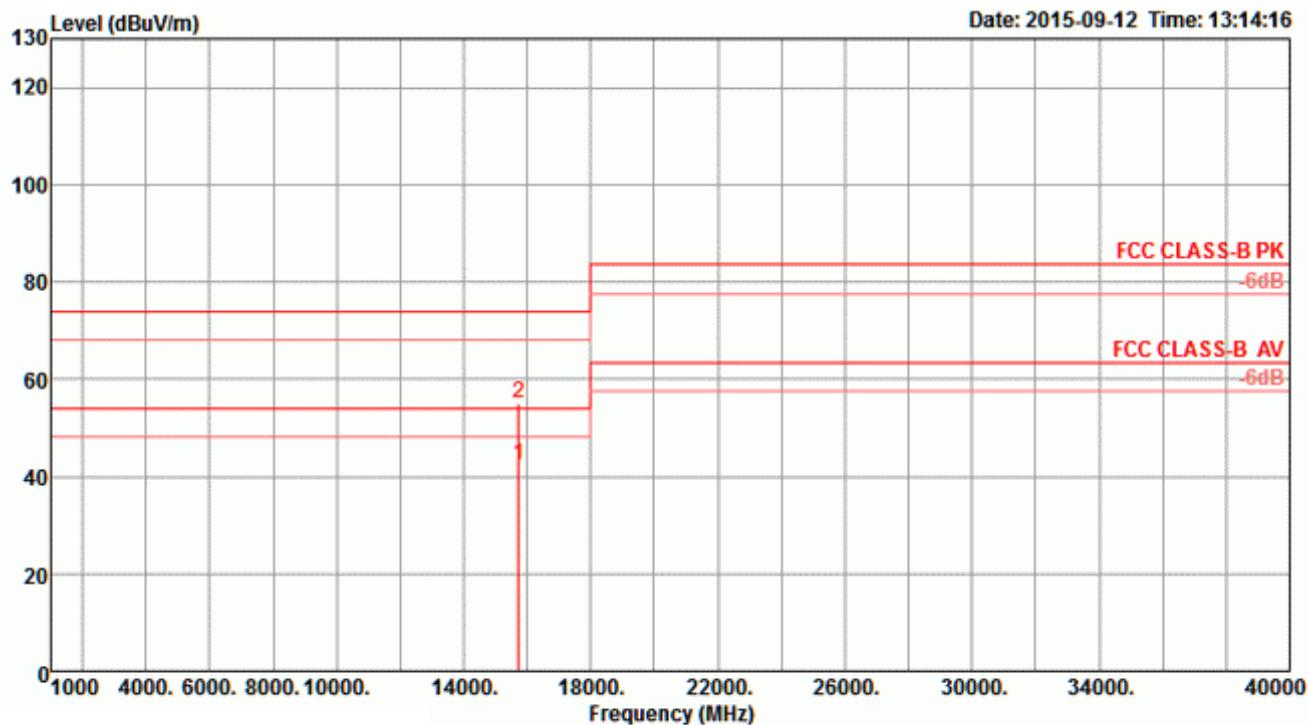
**Vertical**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	Cm		
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB/m	dB	deg	Cm	
1	15597.82	55.42	74.00	-18.58	44.22	7.58	38.29	34.67	212	158 Peak	VERTICAL
2	15601.94	41.89	54.00	-12.11	30.71	7.58	38.29	34.69	212	158 Average	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss2 VHT20 CH 48 / Chain 5 + Chain 6 + Chain 7 + Chain 8

**Horizontal**


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	Cm		
1	15716.26	50.52	74.00	-23.48	39.18	7.62	38.50	34.78	113	152 Peak	HORIZONTAL
2	15718.54	42.68	54.00	-11.32	31.34	7.62	38.50	34.78	113	152 Average	HORIZONTAL

**Vertical**


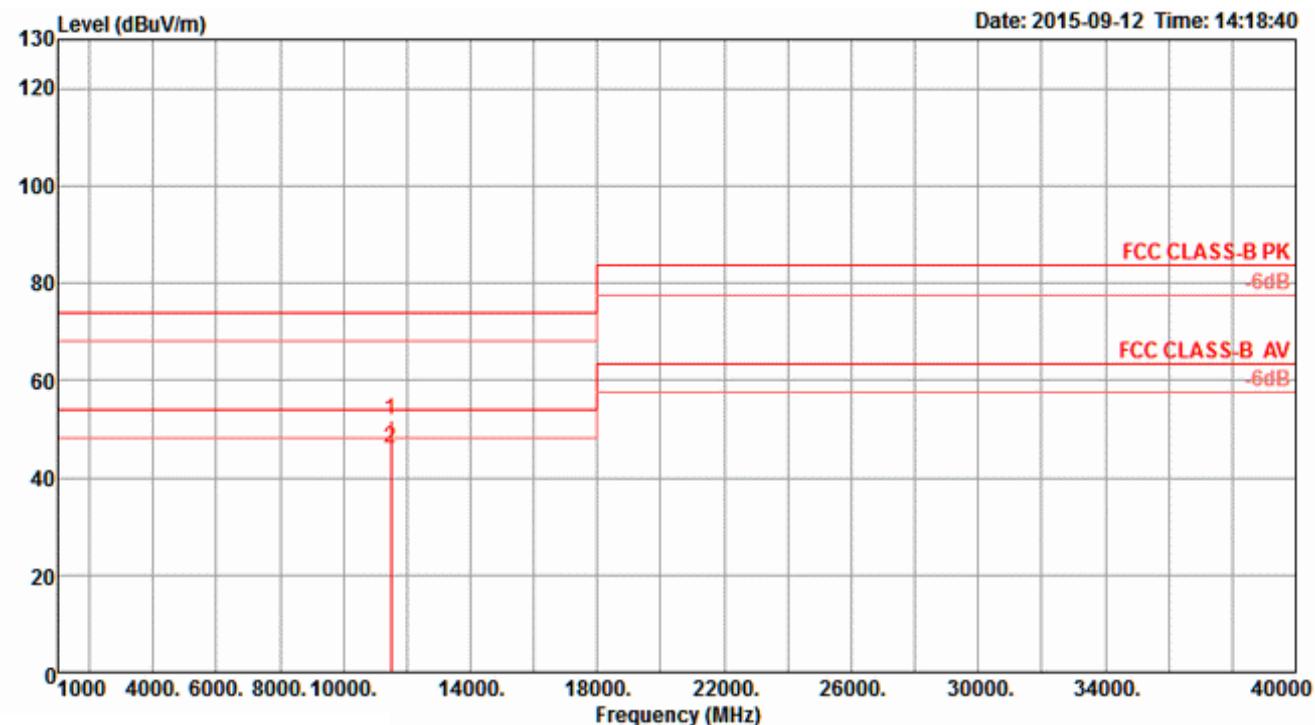
	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamplifier Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15716.24	42.48	54.00	-11.52	31.14	7.62	38.50	34.78	93	153	Average	VERTICAL
2	15719.70	55.01	74.00	-18.99	43.67	7.62	38.50	34.78	93	153	Peak	VERTICAL



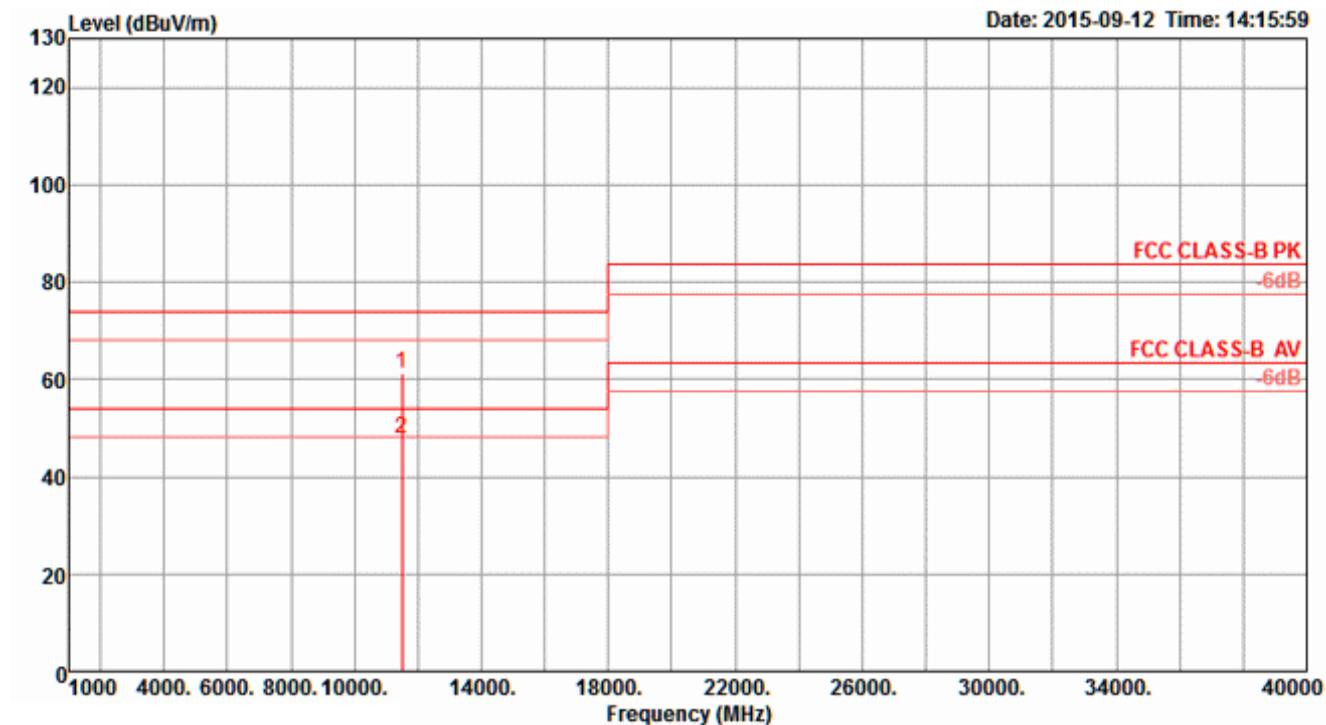
<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss2 VHT20 CH 149 / Chain 5 + Chain 6 + Chain 7 + Chain 8

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## **Horizontal**

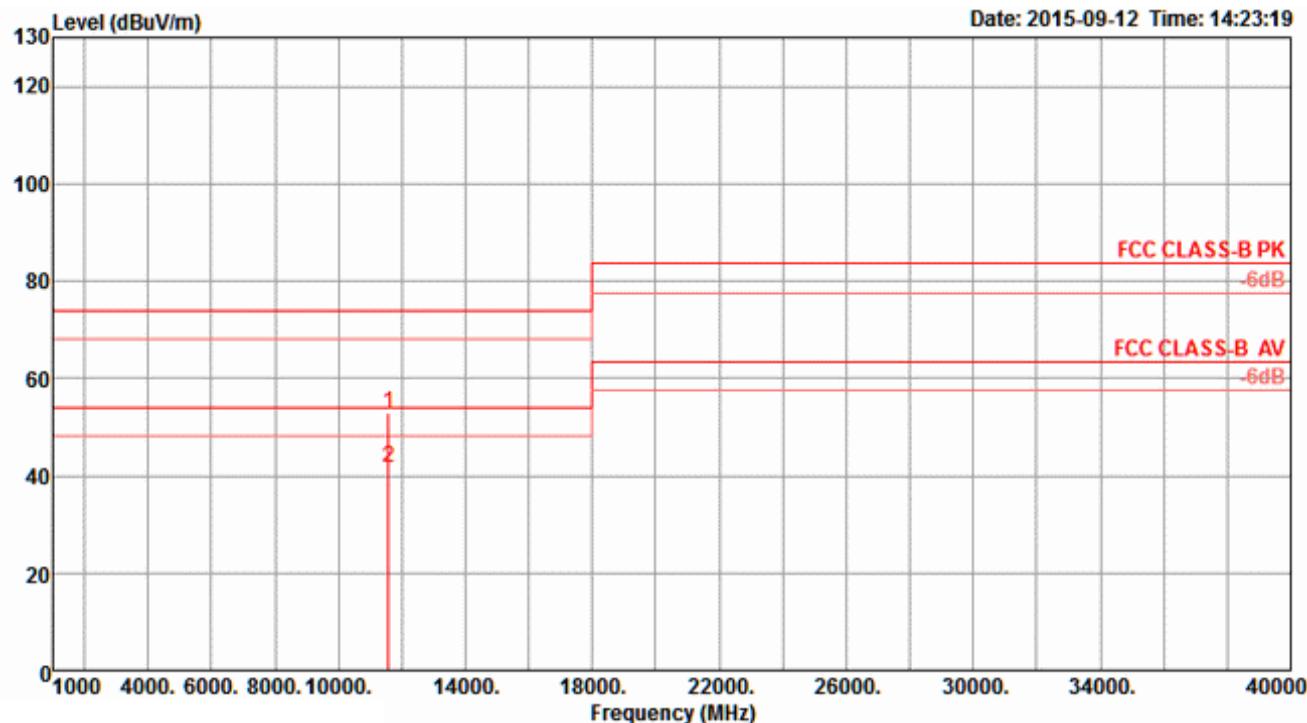


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11483.08	51.78	74.00	-22.22	41.17	6.53	38.70	34.62	23	161	Peak	HORIZONTAL
2	11483.88	46.03	54.00	-7.97	35.42	6.53	38.70	34.62	23	161	Average	HORIZONTAL

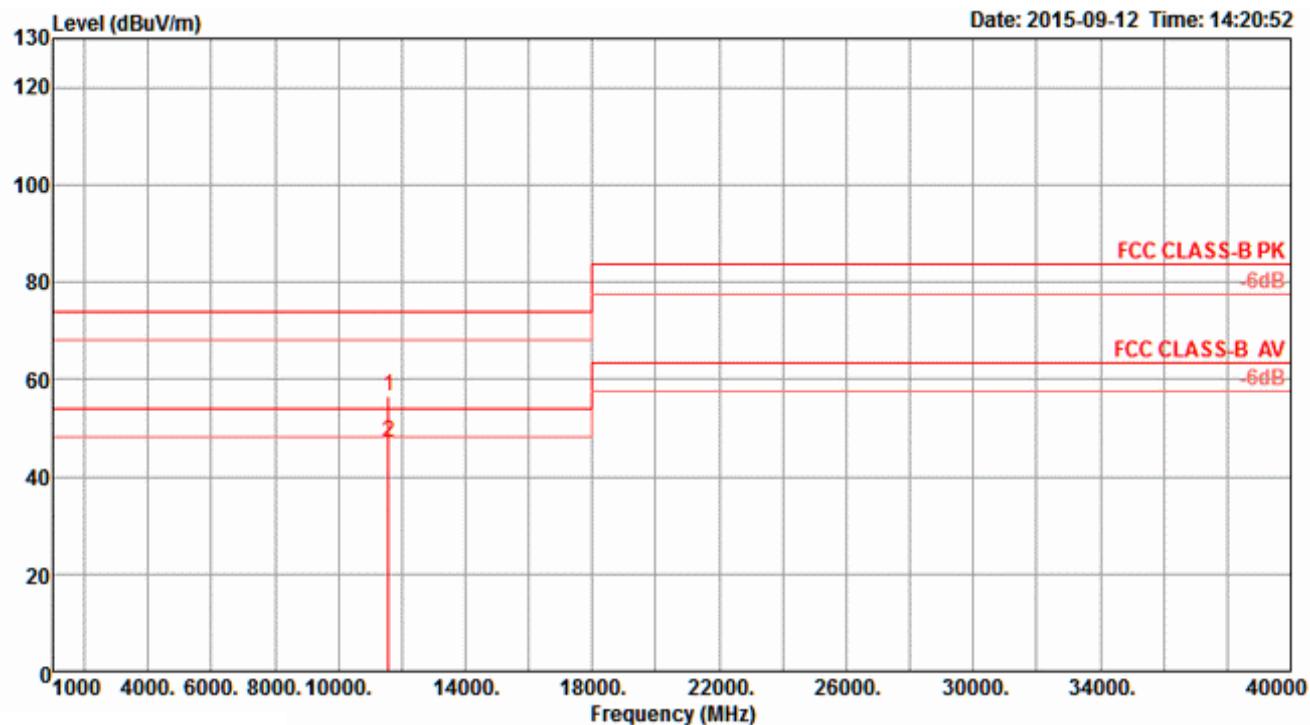
**Vertical**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	Cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	Cm		
1	11485.20	61.21	74.00	-12.79	50.60	6.53	38.70	34.62	350	165 Peak	VERTICAL
2	11485.24	47.74	54.00	-6.26	37.13	6.53	38.70	34.62	350	165 Average	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss2 VHT20 CH 157 / Chain 5 + Chain 6 + Chain 7 + Chain 8

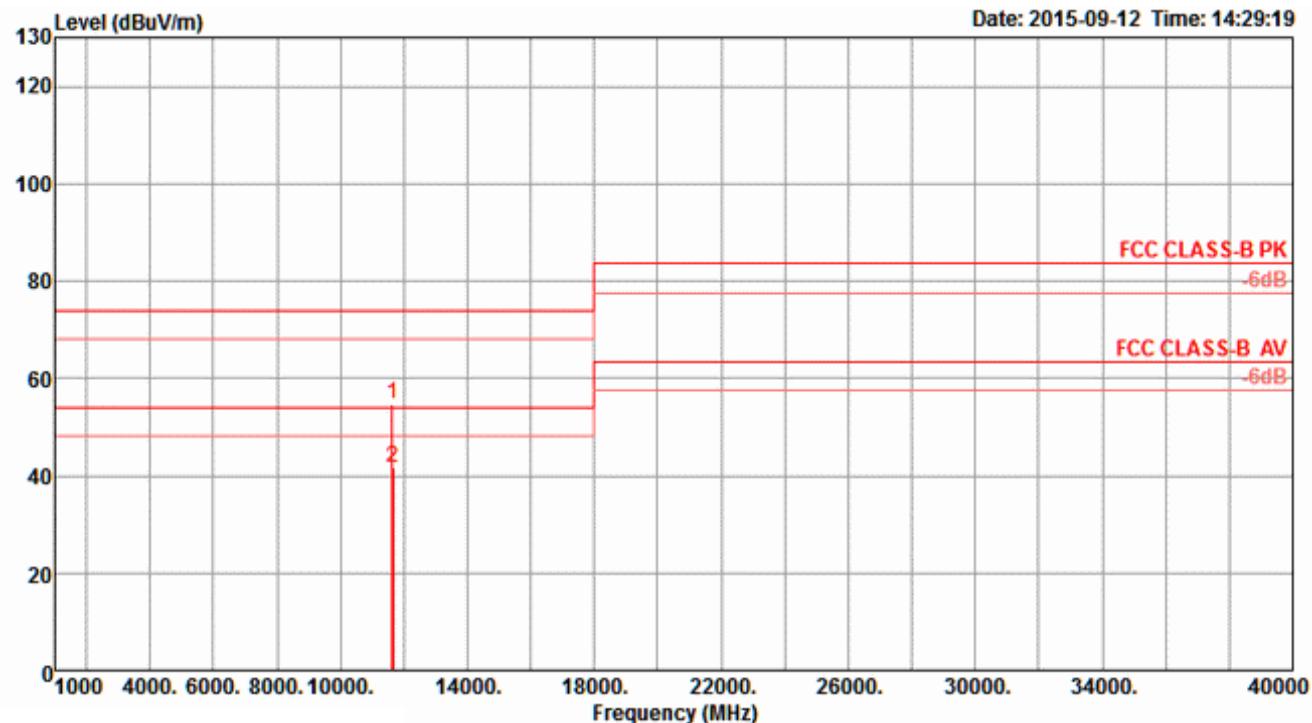
**Horizontal**


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	Cm		
1	11570.52	53.03	74.00	-20.97	42.42	6.55	38.71	34.65	14	163 Peak	HORIZONTAL
2	11573.68	41.70	54.00	-12.30	31.09	6.55	38.71	34.65	14	163 Average	HORIZONTAL

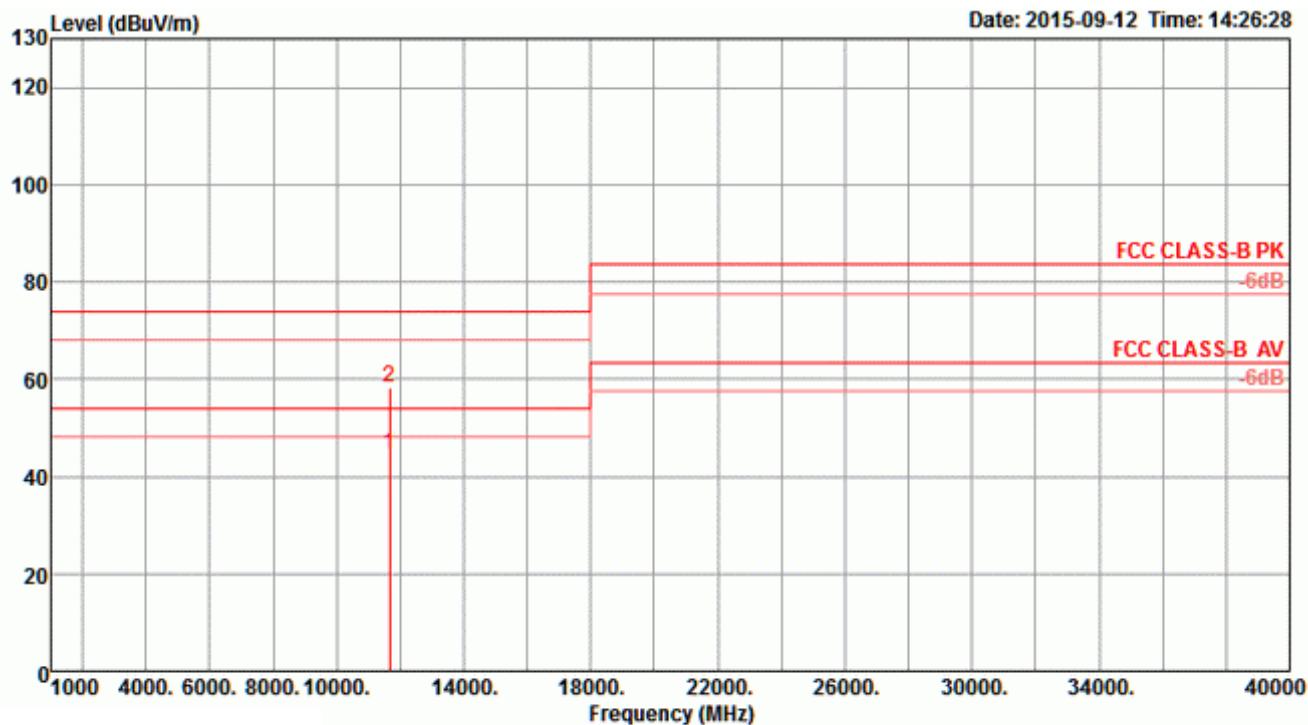
**Vertical**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	cm		
MHz	dBuV/m	dBuV/m		dB	dB	dB/m	dB	deg	cm		
1	11569.16	56.39	74.00	-17.61	45.77	6.55	38.71	34.64	19	159 Peak	VERTICAL
2	11569.56	46.95	54.00	-7.05	36.33	6.55	38.71	34.64	19	159 Average	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss2 VHT20 CH 165 / Chain 5 + Chain 6 + Chain 7 + Chain 8

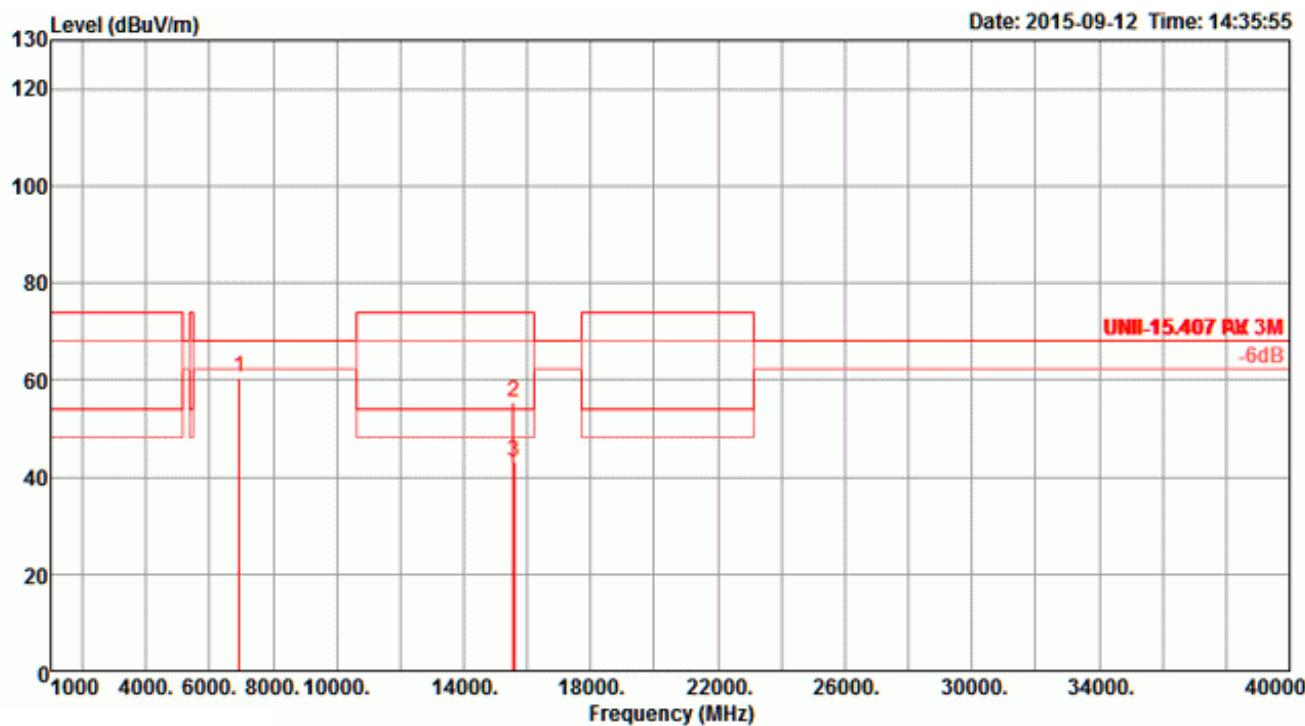
**Horizontal**


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	11645.72	54.83	74.00	-19.17	44.21	6.56	38.73	34.67	122	169 Peak	HORIZONTAL
2	11654.60	41.70	54.00	-12.30	31.09	6.56	38.73	34.68	122	169 Average	HORIZONTAL

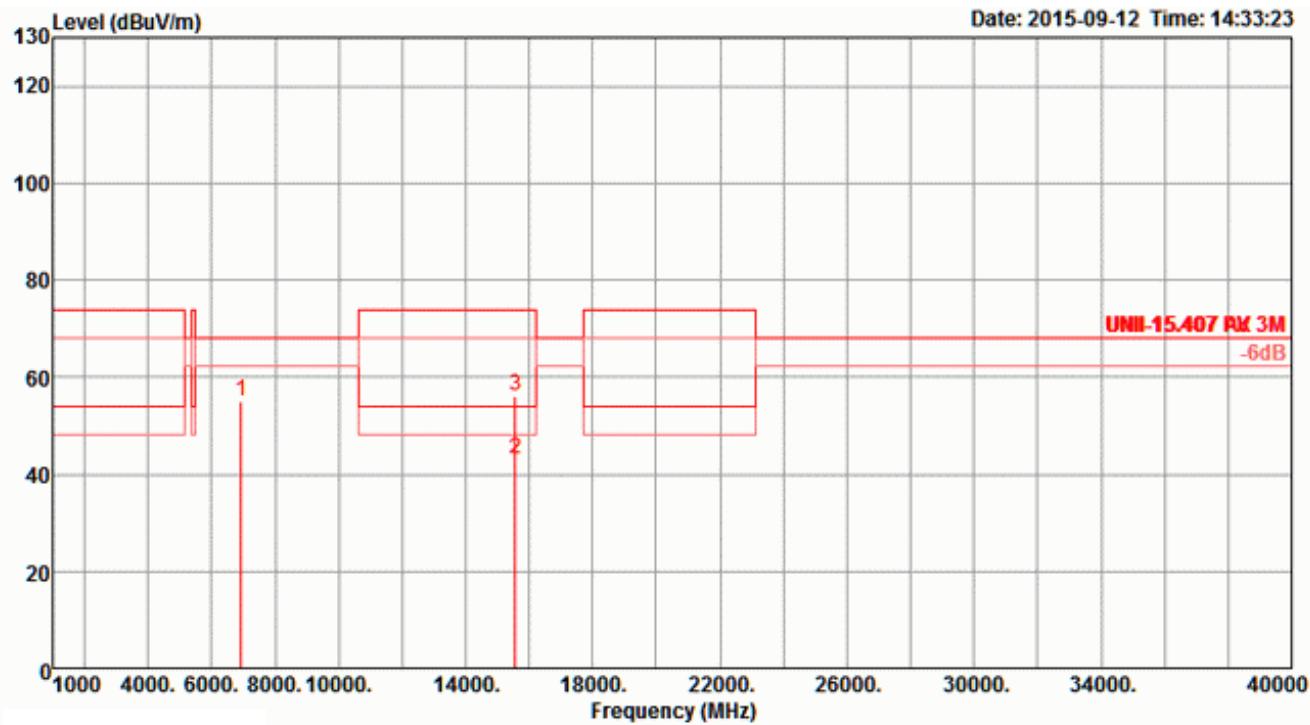
**Vertical**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11650.32	44.63	54.00	-9.37	34.02	6.56	38.73	34.68	28	163	Average VERTICAL
2	11653.80	58.19	74.00	-15.81	47.58	6.56	38.73	34.68	28	163	Peak VERTICAL

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

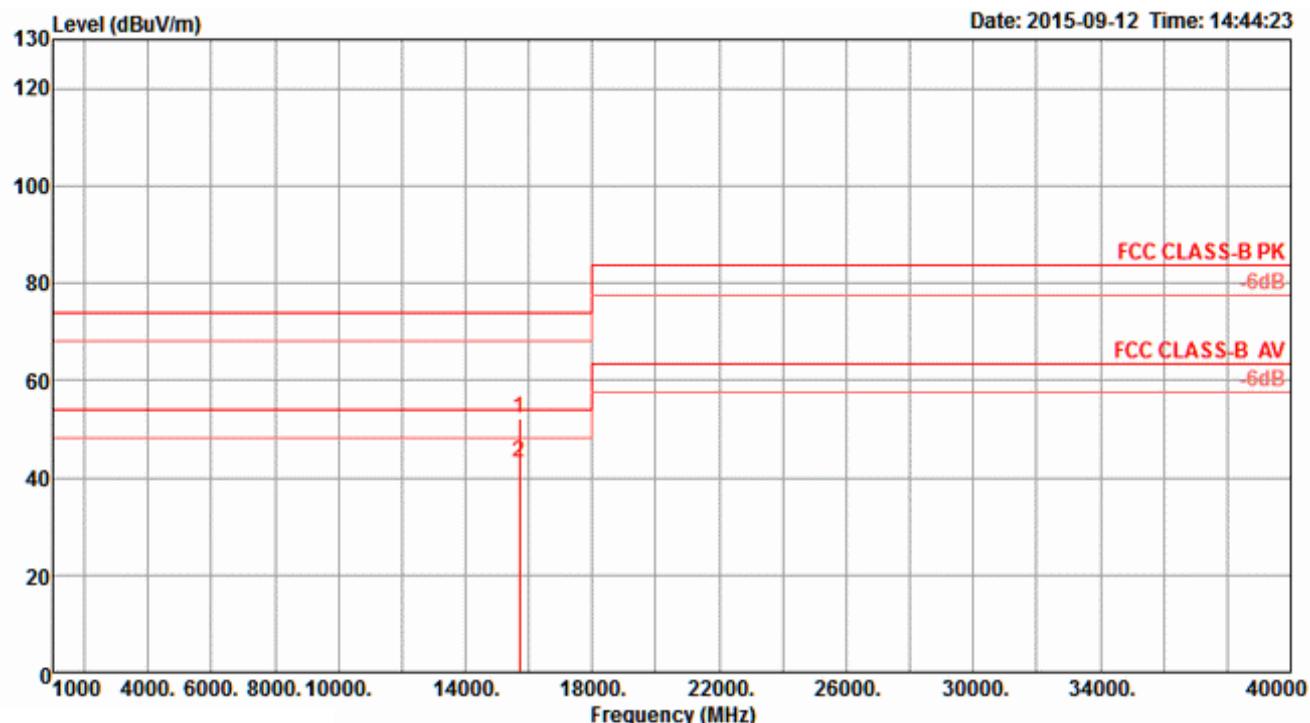
**Horizontal**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	6920.01	60.64	68.20	-7.56	53.74	4.98	36.61	34.69	299	177 Peak	HORIZONTAL
2	15563.28	55.23	74.00	-18.77	44.08	7.57	38.22	34.64	211	170 Peak	HORIZONTAL
3	15577.92	43.08	54.00	-10.92	31.92	7.57	38.26	34.67	211	170 Average	HORIZONTAL

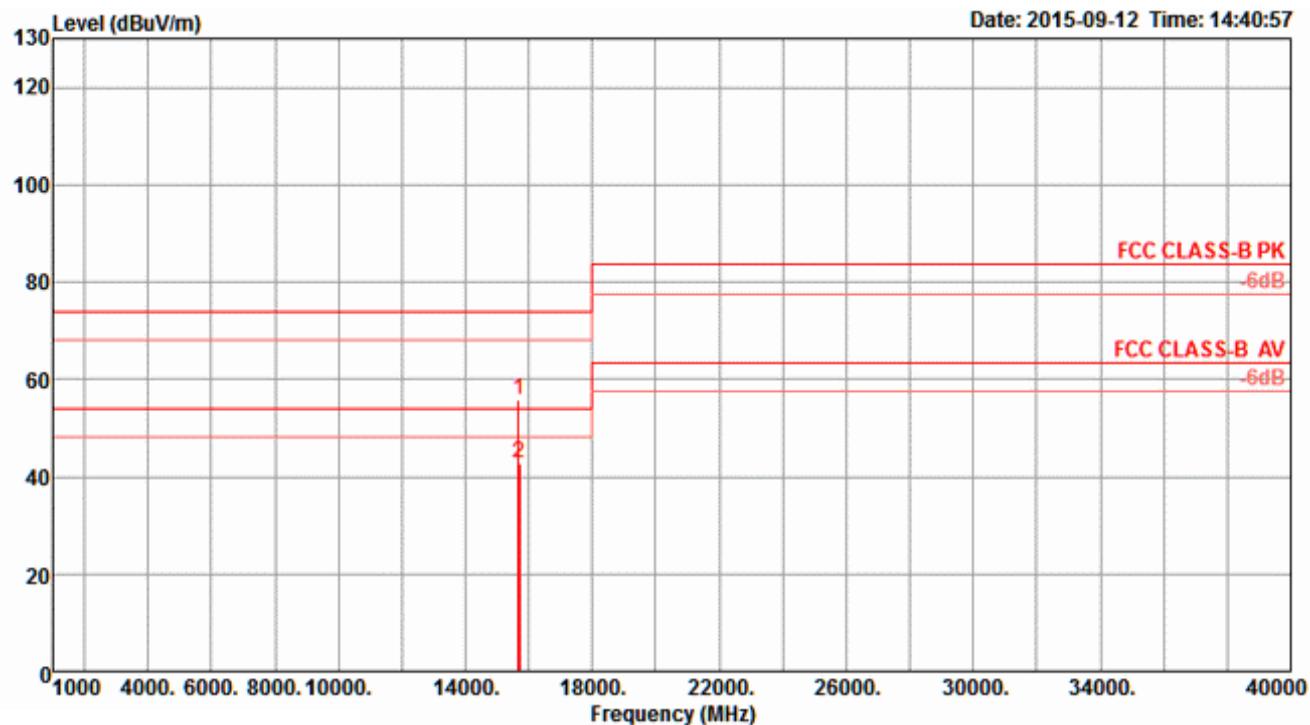
**Vertical**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	Cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB				
1	6920.04	54.91	68.20	-13.29	48.01	4.98	36.61	34.69	23	191 Peak	VERTICAL
2	15573.44	43.22	54.00	-10.78	32.10	7.57	38.22	34.67	181	174 Average	VERTICAL
3	15574.04	56.11	74.00	-17.89	44.99	7.57	38.22	34.67	181	174 Peak	VERTICAL

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

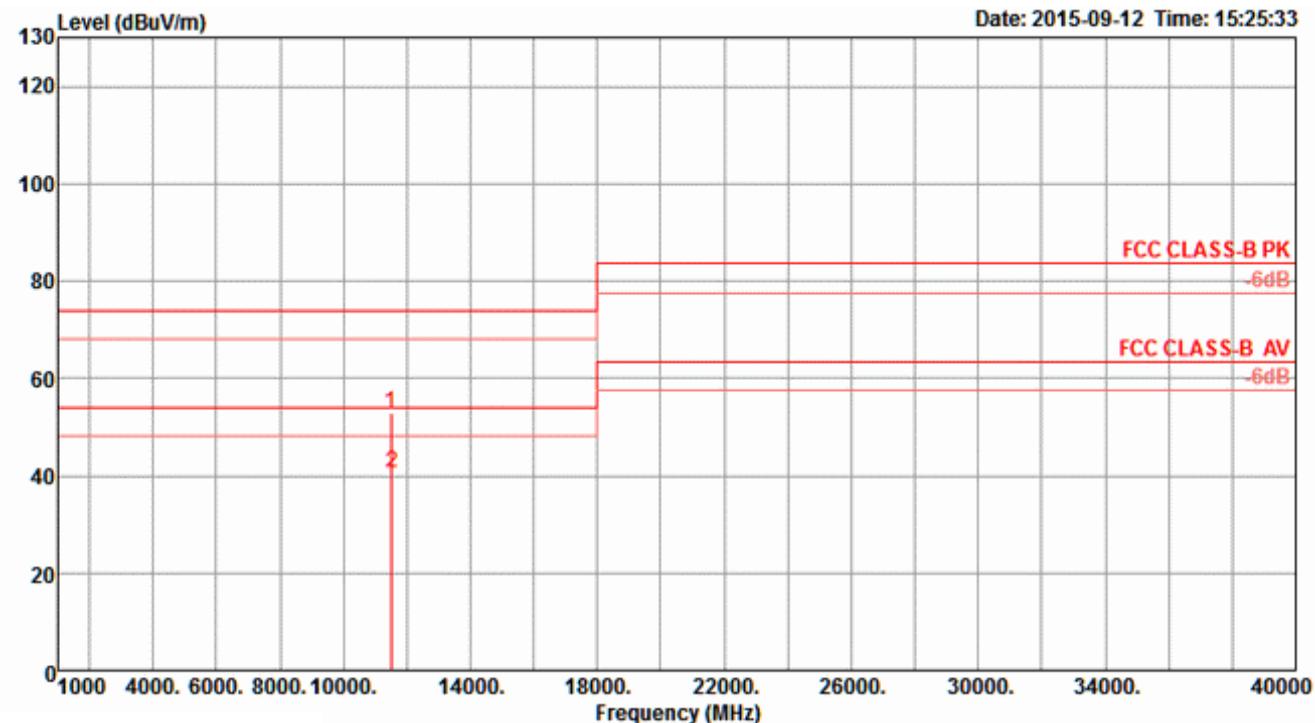
**Horizontal**


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	Cm		
1	15689.24	52.07	74.00	-21.93	40.77	7.61	38.44	34.75	204	167 Peak	HORIZONTAL
2	15694.76	43.08	54.00	-10.92	31.78	7.61	38.44	34.75	204	167 Average	HORIZONTAL

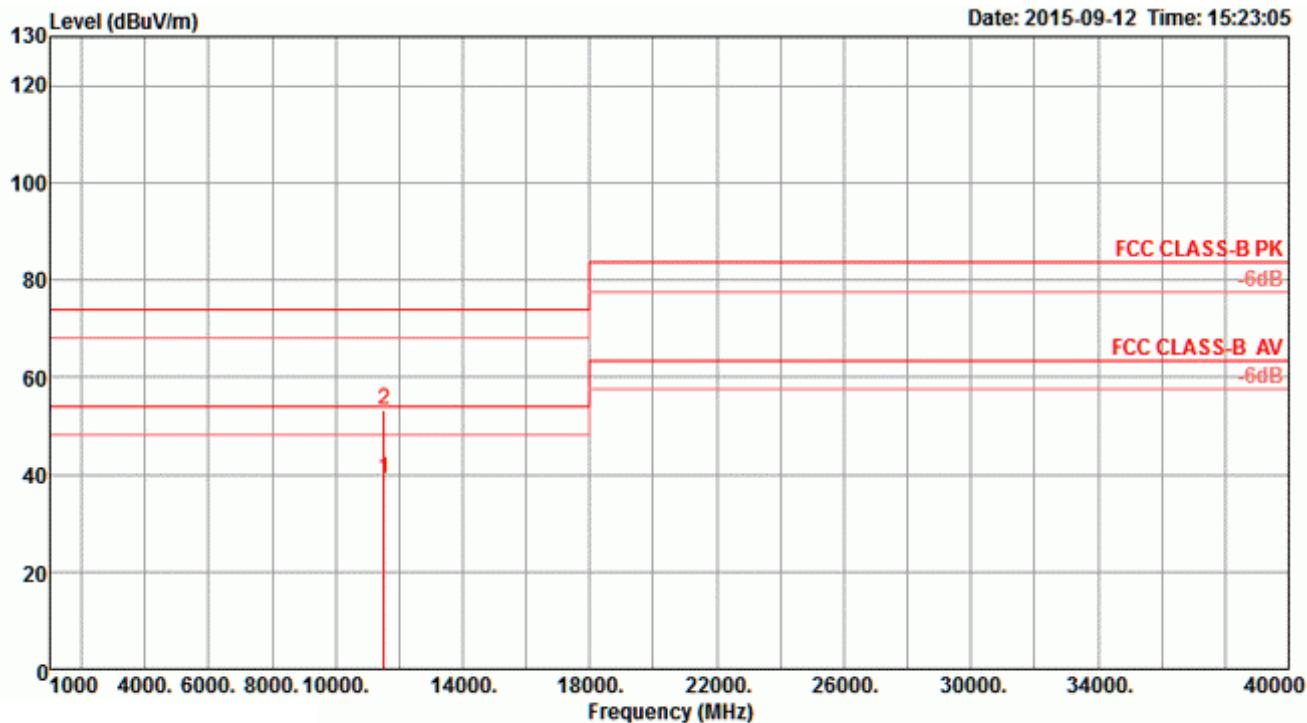
**Vertical**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	Cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	Cm		
1	15681.08	55.62	74.00	-18.38	44.32	7.61	38.44	34.75	263	151 Peak	VERTICAL
2	15687.76	42.77	54.00	-11.23	31.47	7.61	38.44	34.75	263	151 Average	VERTICAL

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

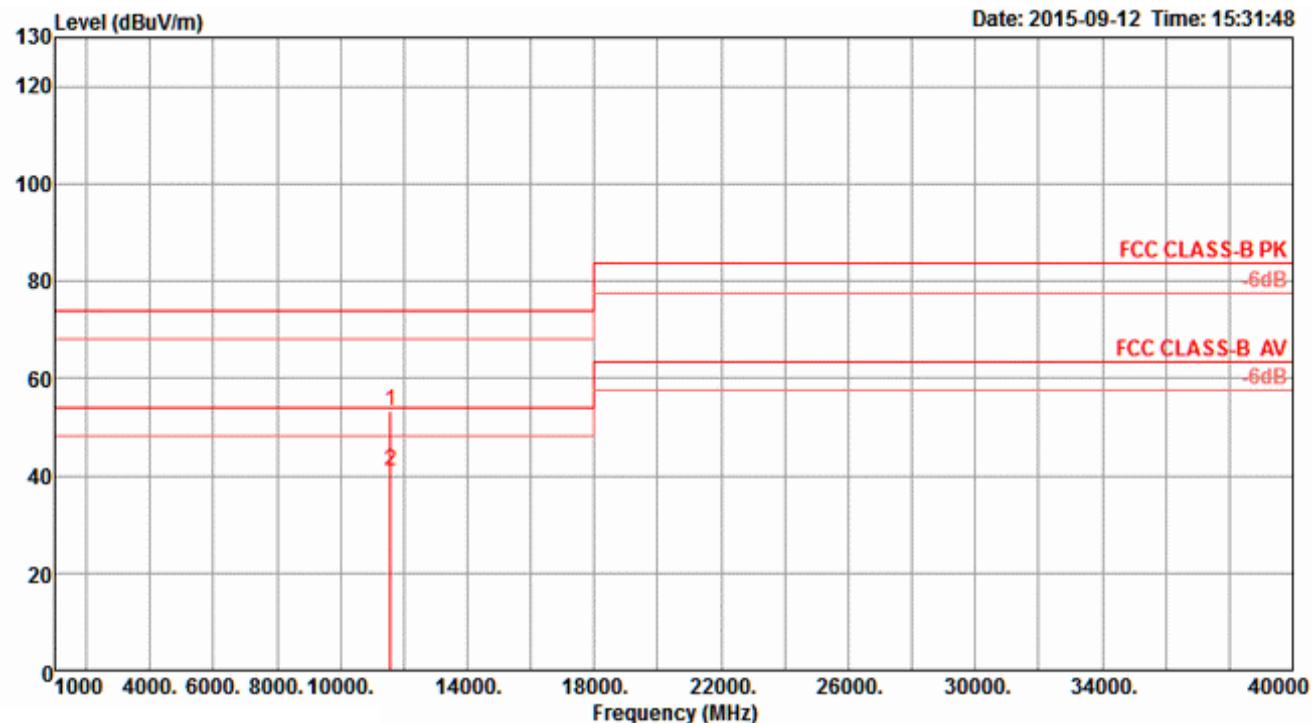
**Horizontal**


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	cm		
11507.92	53.01	74.00	-20.99	42.39	6.54	38.70	34.62	80	164	Peak	HORIZONTAL
11512.42	40.40	54.00	-13.60	29.78	6.54	38.70	34.62	80	164	Average	HORIZONTAL

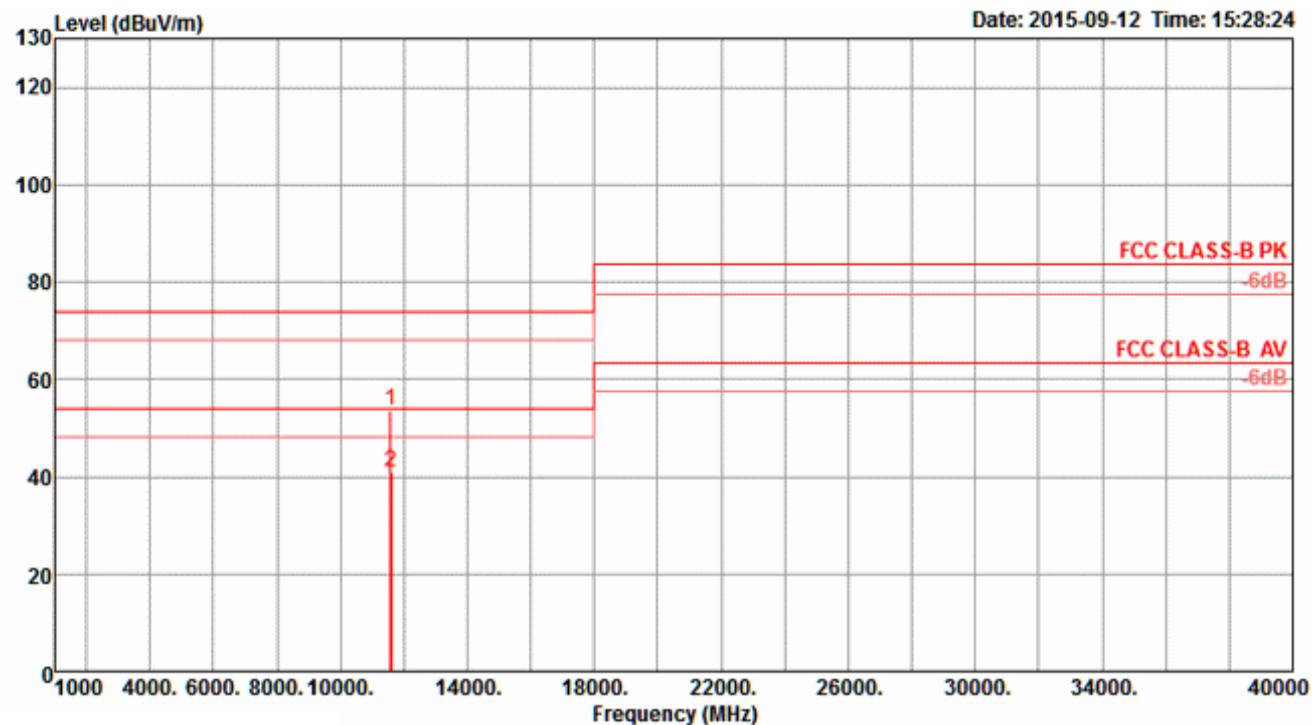
**Vertical**


Freq MHz	Level dBuV/m	Limit Line dB	Over Limit dB	Read Level dBuV	Cable Antenna Preamp			T/Pos deg	A/Pos cm	Remark	Pol/Phase
					Loss	Factor	Factor				
1 11511.22	39.29	54.00	-14.71	28.67	6.54	38.70	34.62	63	166	Average	VERTICAL
2 11514.28	53.21	74.00	-20.79	42.59	6.54	38.70	34.62	63	166	Peak	VERTICAL

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

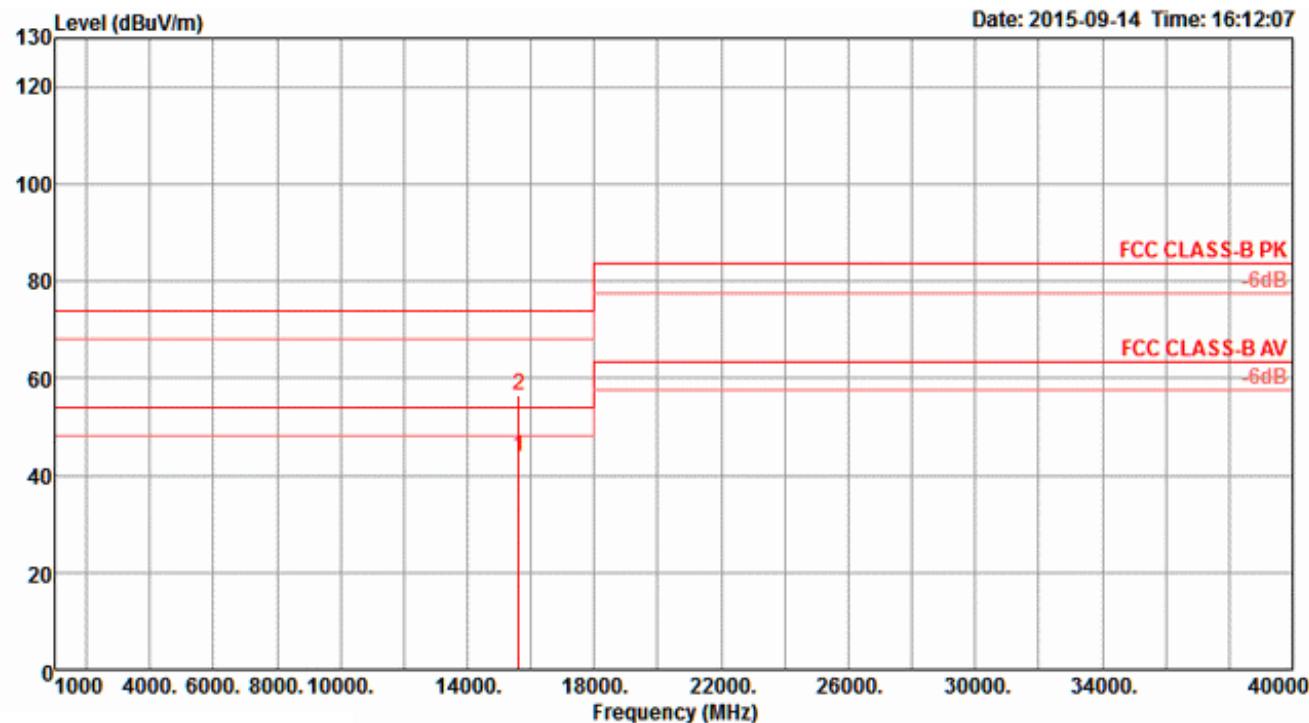
**Horizontal**


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	11589.94	53.12	74.00	-20.88	42.50	6.55	38.72	34.65	119	164 Peak	HORIZONTAL
2	11591.30	40.76	54.00	-13.24	30.14	6.55	38.72	34.65	119	164 Average	HORIZONTAL

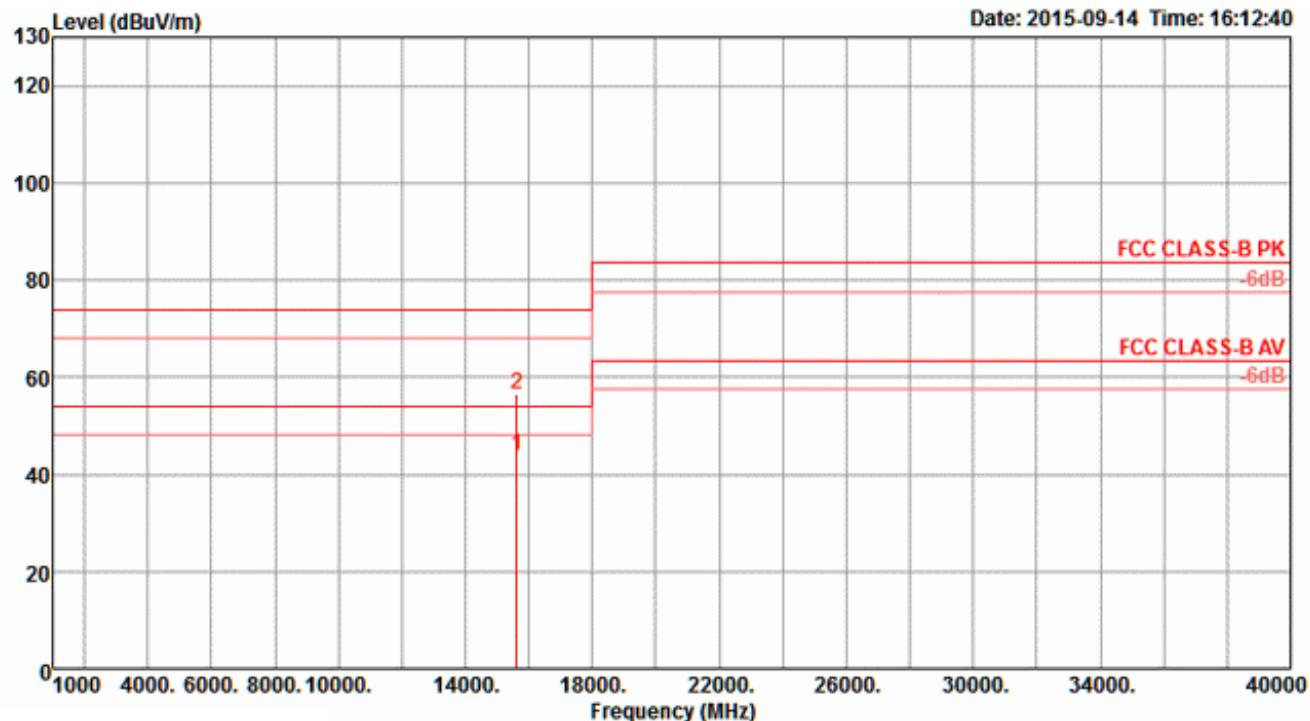
**Vertical**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	Cm		
MHz	dBuV/m	dBuV/m		dB	dB	dB/m	dB				
1	11586.00	53.49	74.00	-20.51	42.87	6.55	38.72	34.65	76	162 Peak	VERTICAL
2	11594.20	40.78	54.00	-13.22	30.16	6.55	38.72	34.65	76	162 Average	VERTICAL

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

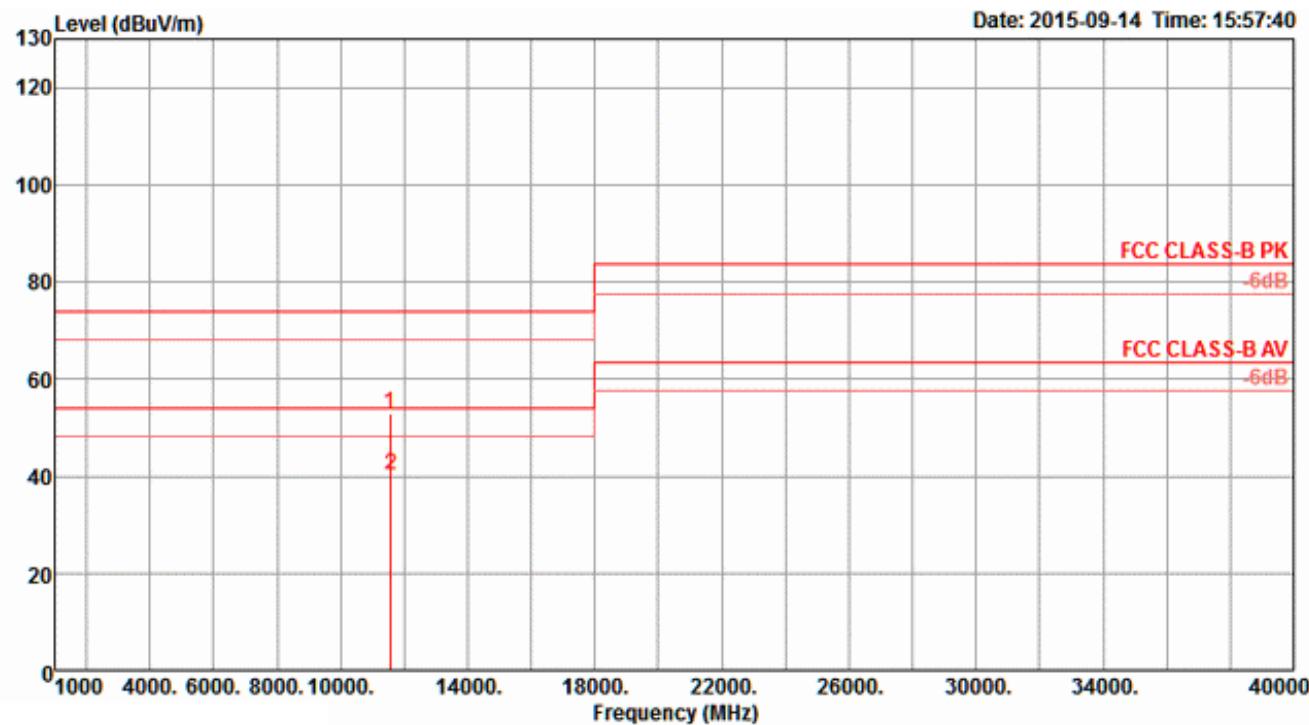
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable		Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
		Line	dB			dB	dB			deg	cm		
1	15620.04	43.84	54.00	-10.16	32.62	7.59	38.32	34.69	240	163	Average	HORIZONTAL	
2	15622.04	56.57	74.00	-17.43	45.35	7.59	38.32	34.69	240	163	Peak	HORIZONTAL	

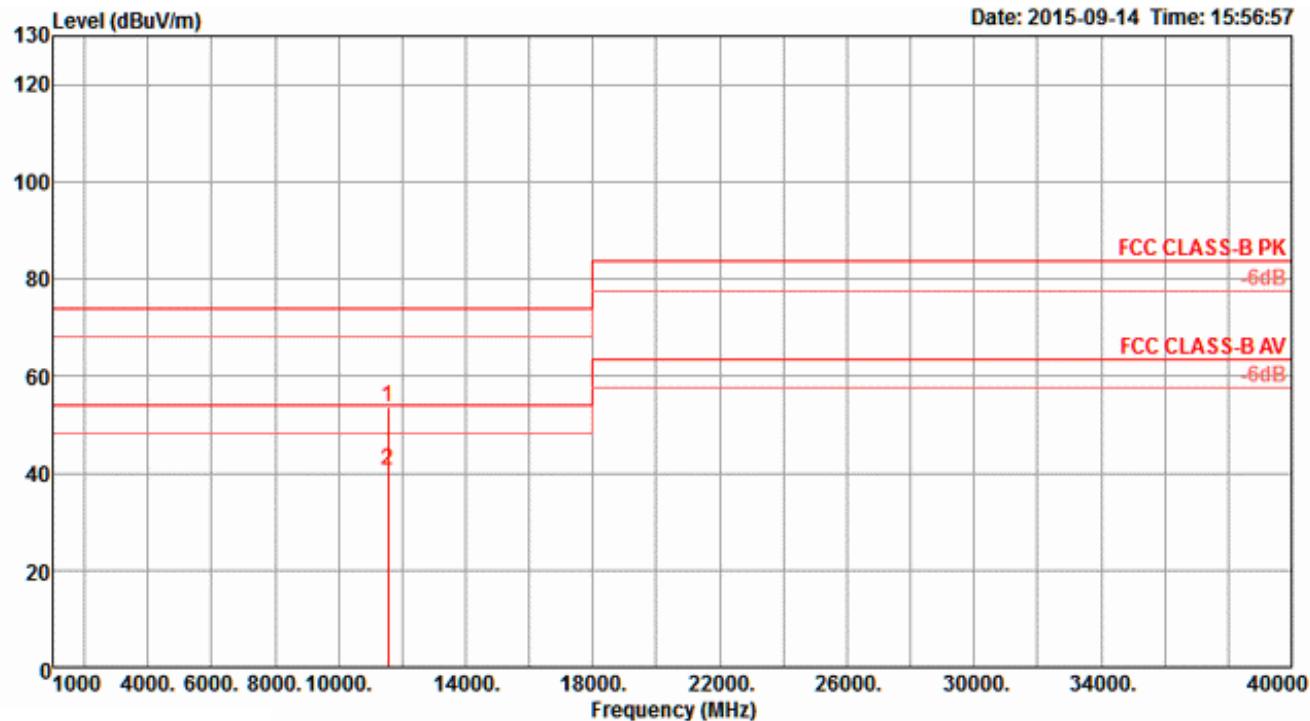
**Vertical**


	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	15624.12	43.80	54.00	-10.20	32.58	7.59	38.32	34.69	196	177	Average	VERTICAL
2	15629.40	56.66	74.00	-17.34	45.43	7.59	38.35	34.71	196	177	Peak	VERTICAL

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

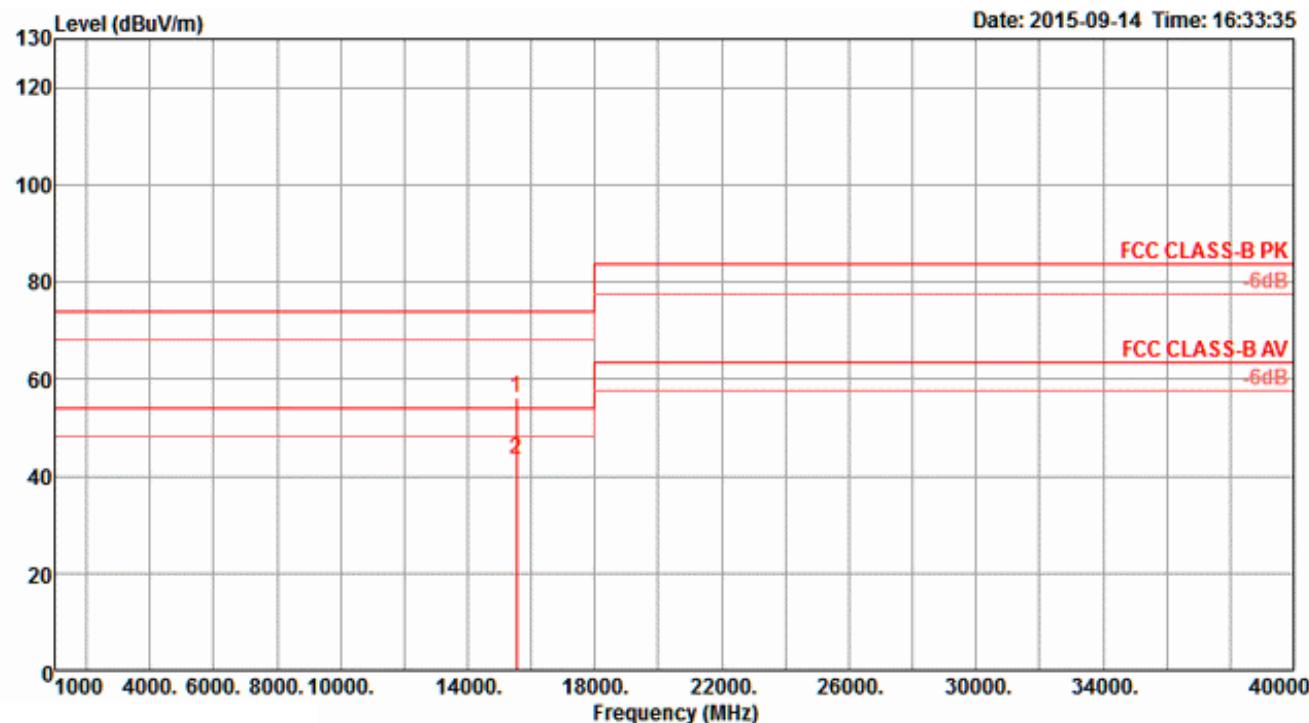
**Horizontal**


Freq	Level	Limit		Over Line Limit	Read Level	Cable Antenna Preamp			T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit			Cable Loss	Antenna Factor	Preamp Factor				
1	11563.76	52.76	74.00	-21.24	42.14	6.55	38.71	34.64	321	162	Peak	HORIZONTAL
2	11589.52	40.37	54.00	-13.63	29.75	6.55	38.72	34.65	321	162	Average	HORIZONTAL

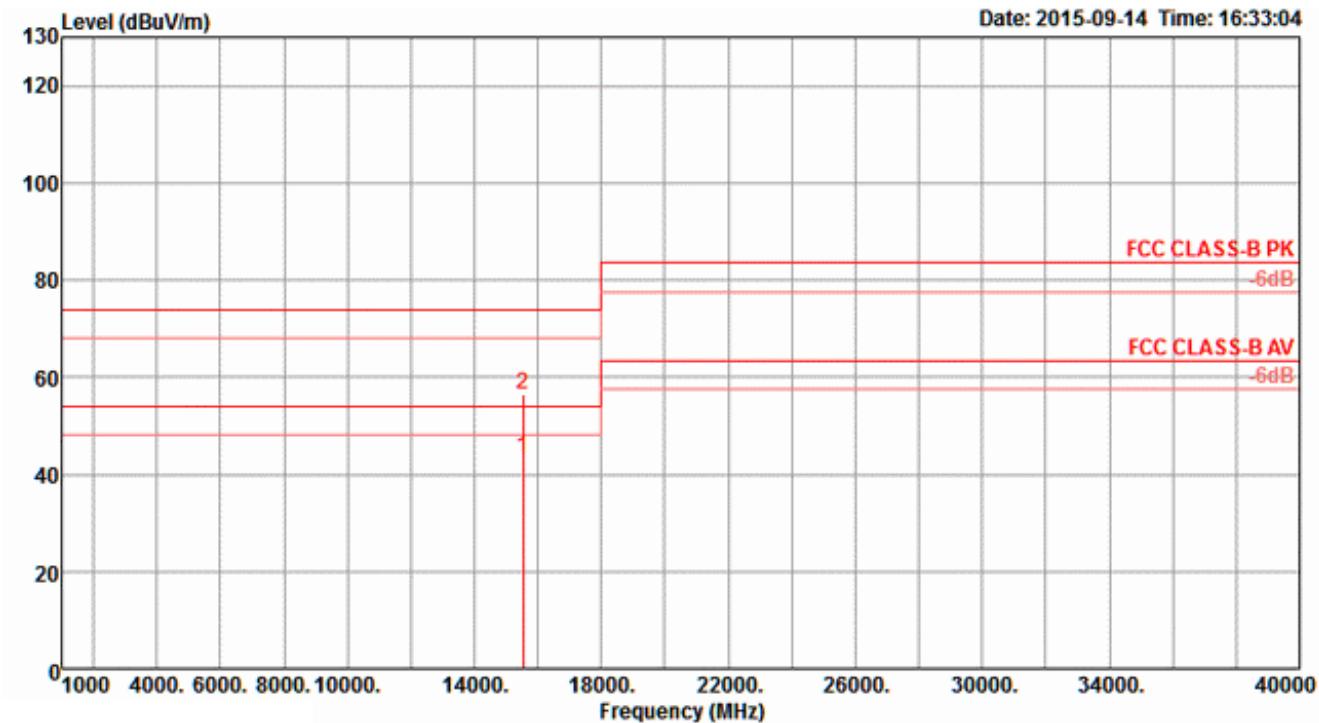
**Vertical**


Freq MHz	Level dBuV/m	Limit		Over Limit	Read Level dBuV	Cable Antenna Preamp			T/Pos deg	A/Pos cm	Remark	Pol/Phase
		Line dBuV/m	dB dB			Loss dB	Factor dB/m	Factor dB				
1 11549.36	53.52	74.00	-20.48	42.90	6.55	38.71	34.64	280	178	Peak	VERTICAL	
2 11563.28	40.51	54.00	-13.49	29.89	6.55	38.71	34.64	280	178	Average	VERTICAL	

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 36 / Chain 5 + Chain 6 + Chain 7 + Chain 8

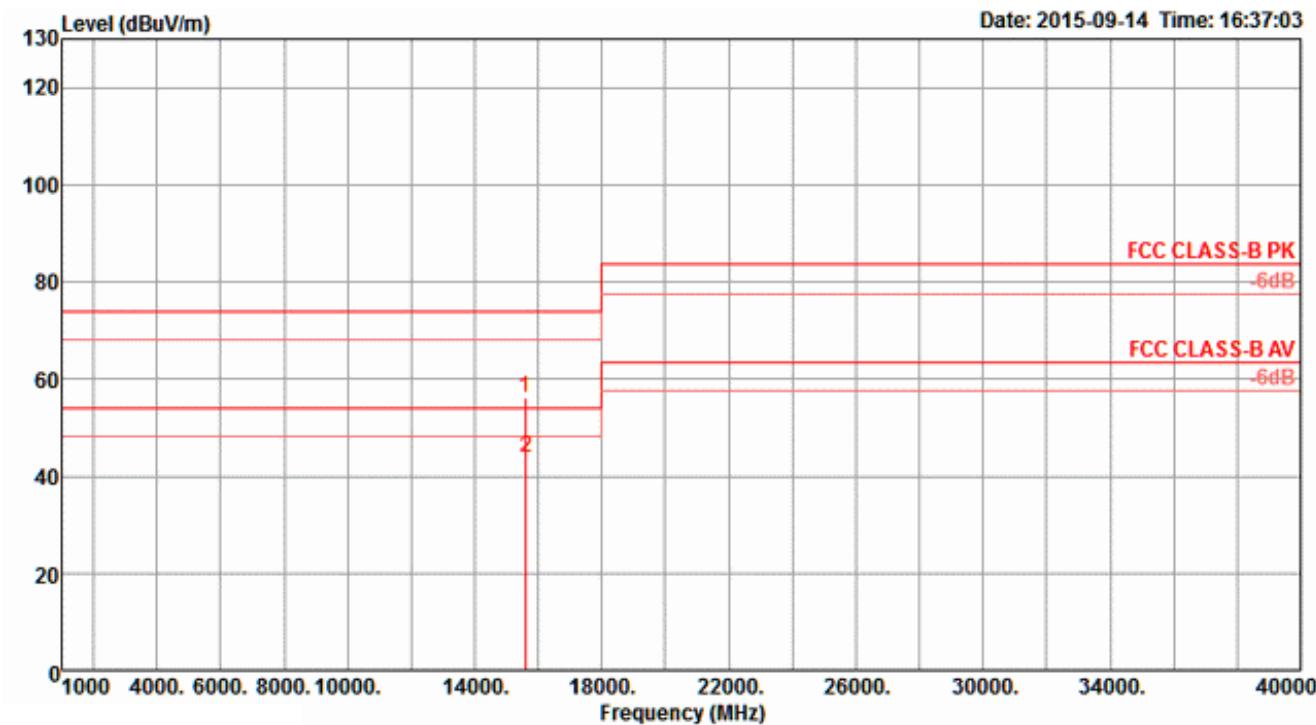
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable Antenna Preamp			T/Pos	A/Pos	Remark	Pol/Phase
		Line	dB			Loss	Factor	Factor				
1	15532.72	55.96	74.00	-18.04	44.86	7.56	38.16	34.62	234	189	Peak	HORIZONTAL
2	15538.88	43.35	54.00	-10.65	32.25	7.56	38.16	34.62	234	189	Average	HORIZONTAL

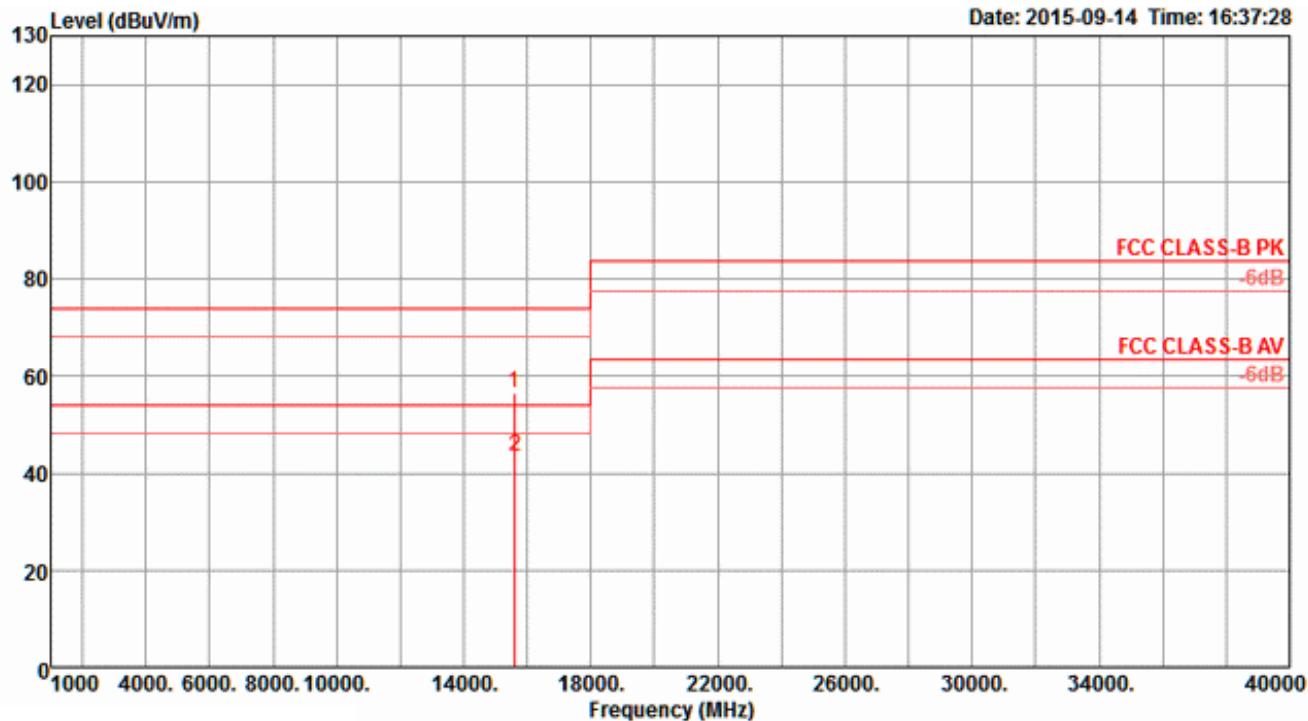
**Vertical**


	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	15535.48	43.44	54.00	-10.56	32.34	7.56	38.16	34.62	174	174	Average	VERTICAL
2	15539.44	56.57	74.00	-17.43	45.47	7.56	38.16	34.62	174	174	Peak	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 40 / Chain 5 + Chain 6 + Chain 7 + Chain 8

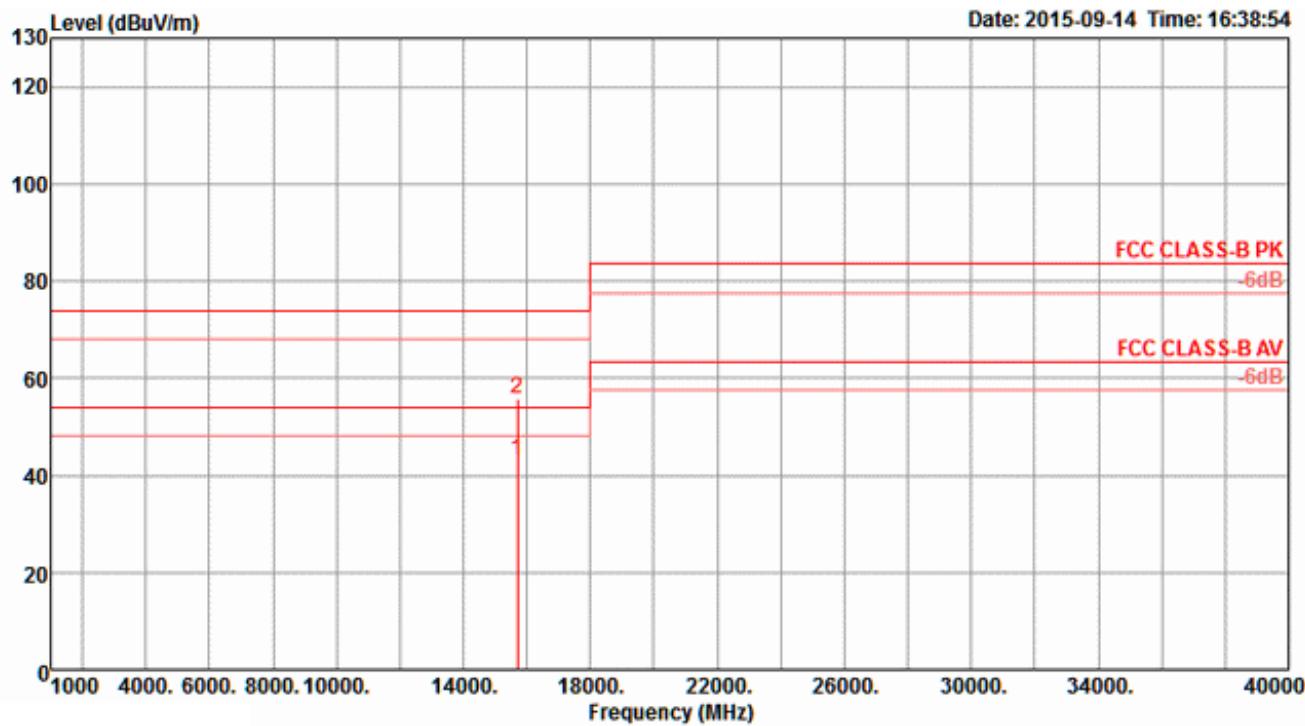
**Horizontal**


Freq	Level	Limit		Over Line 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					
1	15600.44	55.98	74.00	-18.02	44.80	7.58	38.29	34.69	221	163	Peak		HORIZONTAL	
2	15606.28	43.70	54.00	-10.30	32.52	7.58	38.29	34.69	221	163	Average		HORIZONTAL	

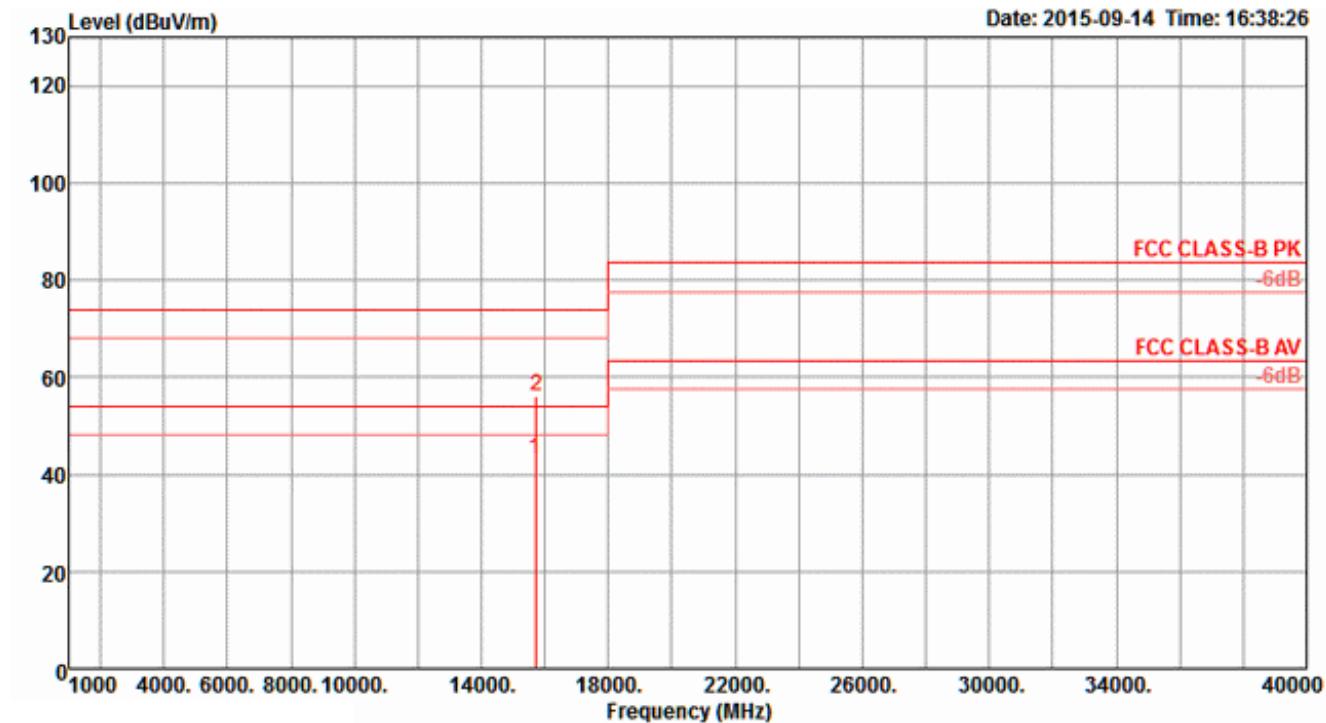
**Vertical**

Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable Antenna Preamp			T/Pos deg	A/Pos cm	Remark	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor				
1 15600.08	56.52	74.00	-17.48	45.34	7.58	38.29	34.69	224	131	Peak	VERTICAL
2 15606.08	43.50	54.00	-10.50	32.32	7.58	38.29	34.69	224	131	Average	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 48 / Chain 5 + Chain 6 + Chain 7 + Chain 8

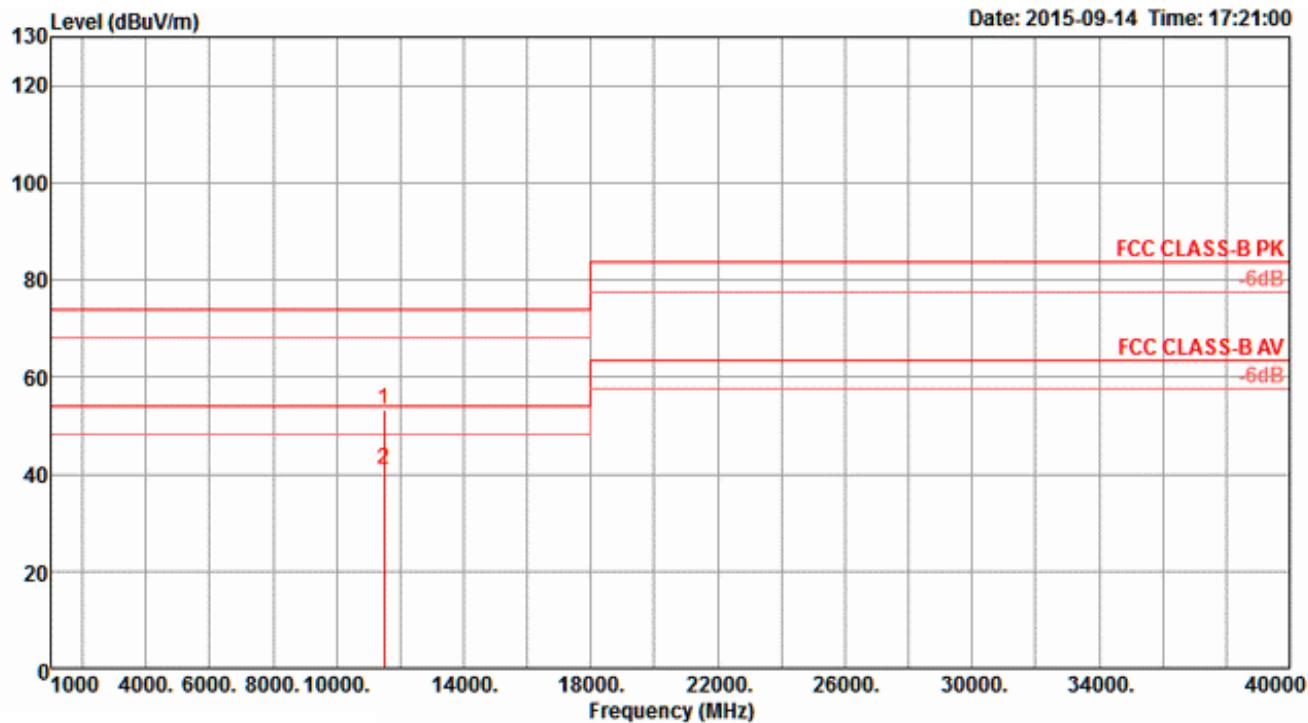
**Horizontal**


Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable			Antenna Loss dB	Preamp Factor dB	T/Pos deg	A/Pos cm	Remark	Pol/Phase
					A	B	C						
1 15712.92	43.09	54.00	-10.91	31.78	7.62	38.47	34.78	226	152	Average	152	HORIZONTAL	HORIZONTAL
2 15713.92	55.70	74.00	-18.30	44.36	7.62	38.50	34.78	226	152	Peak	152	HORIZONTAL	HORIZONTAL

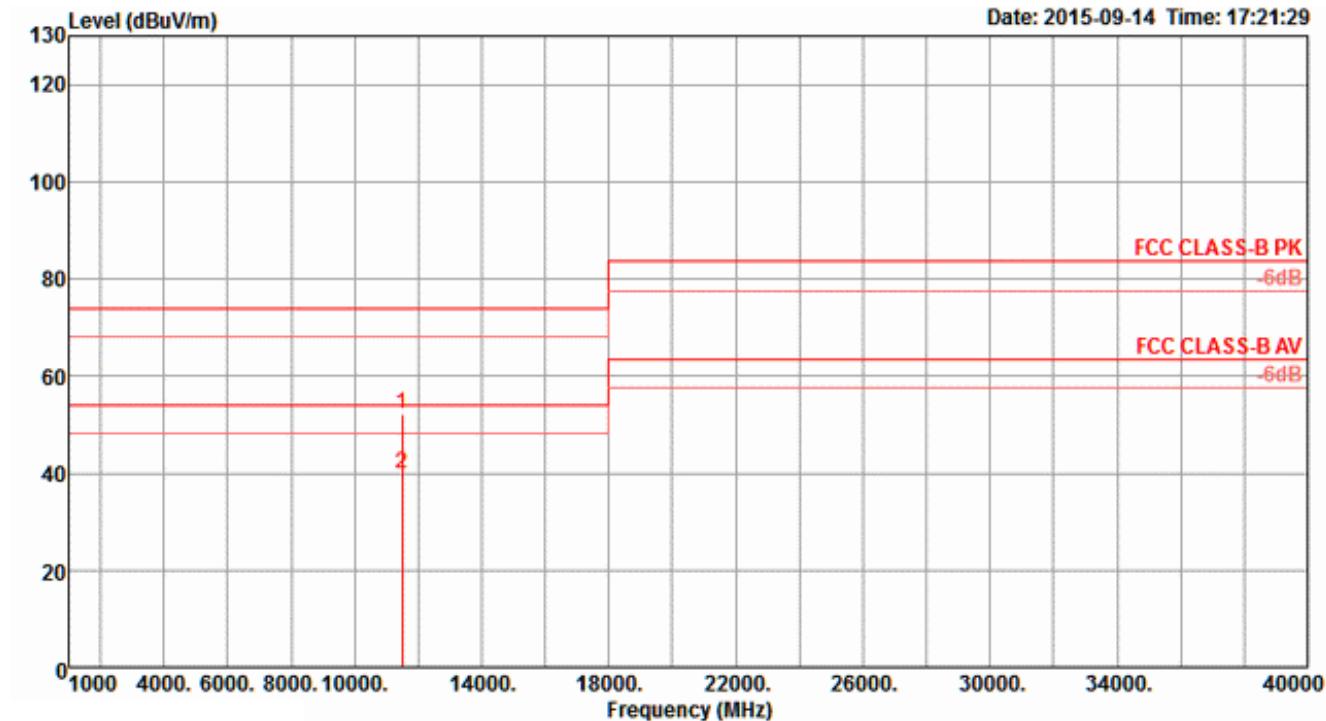
**Vertical**


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	Cm		
1	15711.24	43.17	54.00	-10.83	31.86	7.62	38.47	34.78	254	161	Average	VERTICAL
2	15716.92	56.07	74.00	-17.93	44.73	7.62	38.50	34.78	254	161	Peak	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 149 / Chain 5 + Chain 6 + Chain 7 + Chain 8

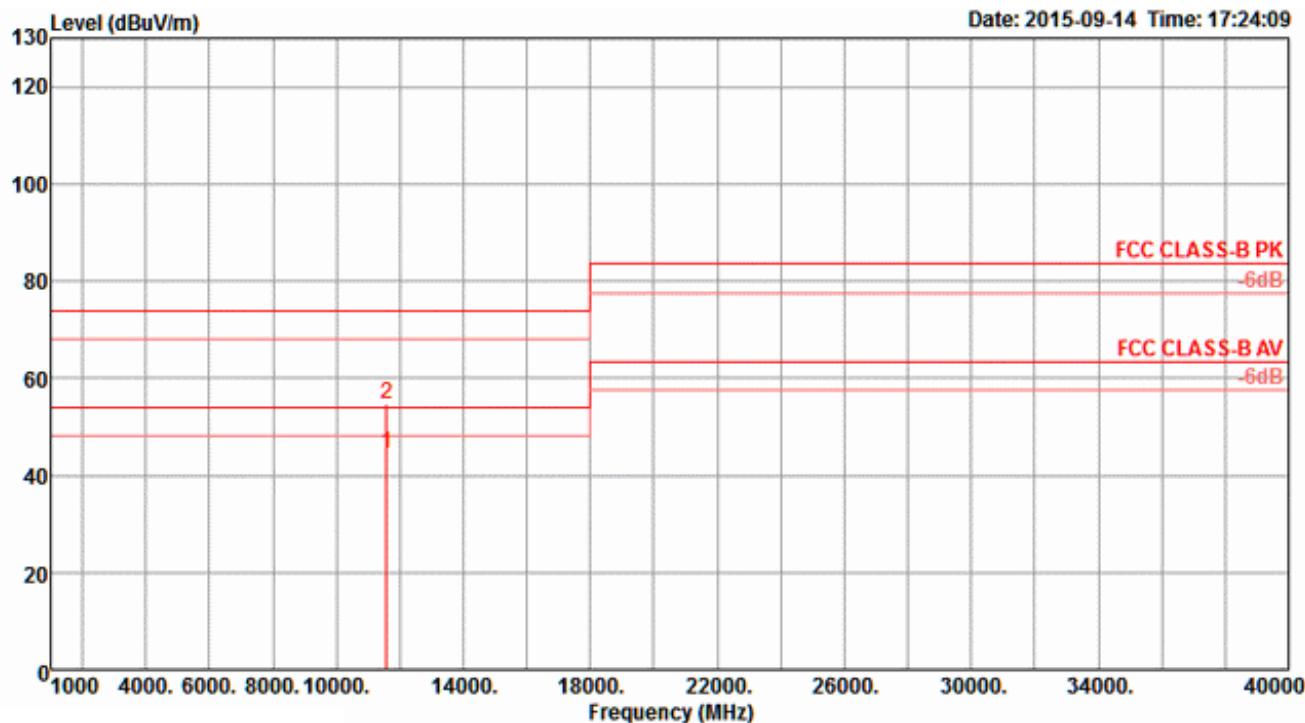
**Horizontal**


Freq	Level	Limit		Over Line Limit	Read Level	Cable Antenna		Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m				
1	11489.32	53.31	74.00	-20.69	42.70	6.53	38.70	34.62	123	156	Peak	HORIZONTAL
2	11499.28	40.84	54.00	-13.16	30.22	6.54	38.70	34.62	123	156	Average	HORIZONTAL

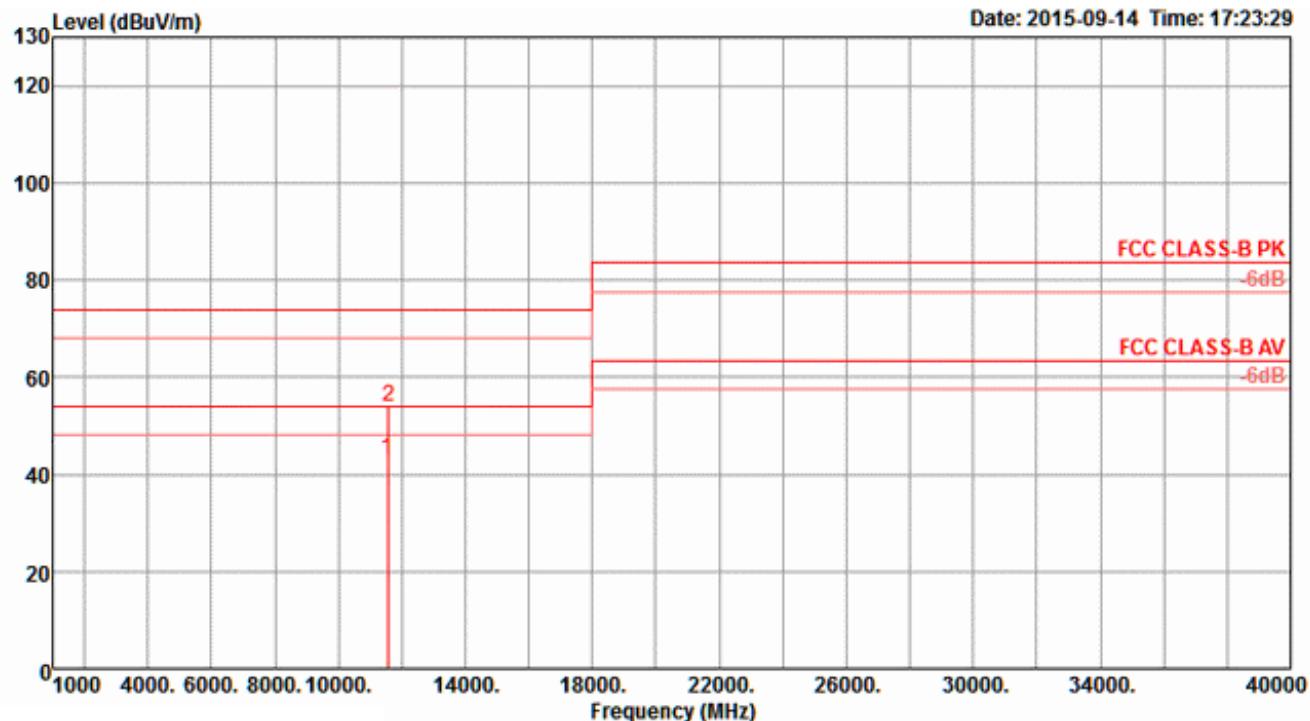
**Vertical**


Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable Antenna Preamp			T/Pos deg	A/Pos cm	Remark	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor				
1 11488.80	52.12	74.00	-21.88	41.51	6.53	38.70	34.62	143	151	Peak	VERTICAL
2 11497.48	39.66	54.00	-14.34	29.05	6.53	38.70	34.62	143	151	Average	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 157 / Chain 5 + Chain 6 + Chain 7 + Chain 8

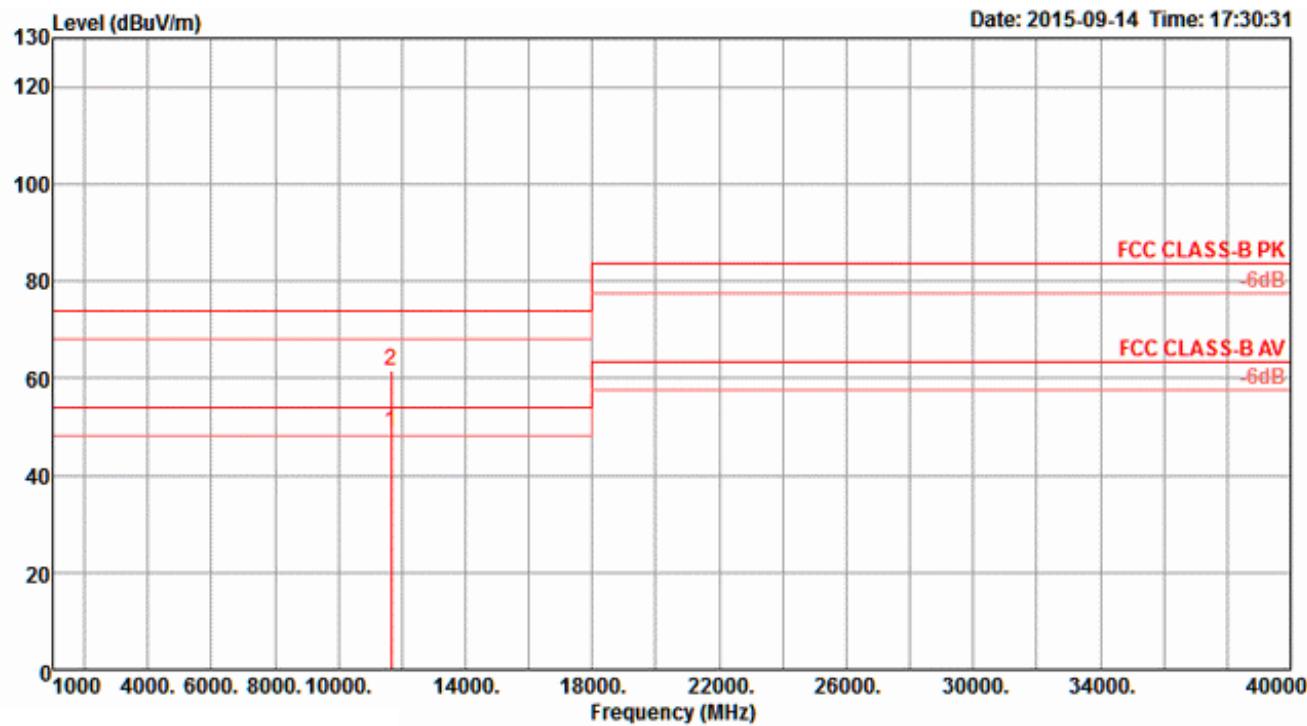
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable		Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
		Line	dB			dB	dB						
1	11566.16	44.43	54.00	-9.57	33.81	6.55	38.71	34.64	182	196	Average	HORIZONTAL	
2	11569.04	54.56	74.00	-19.44	43.94	6.55	38.71	34.64	182	196	Peak	HORIZONTAL	

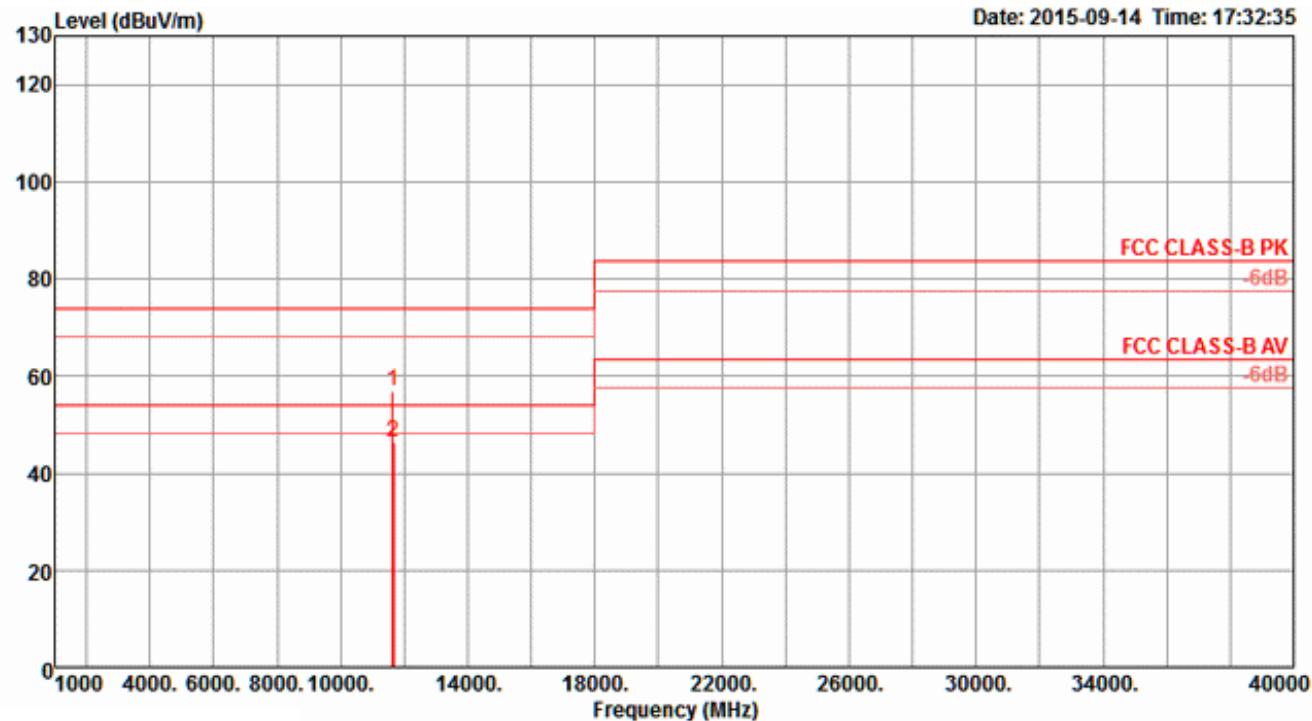
**Vertical**


	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	11565.12	43.04	54.00	-10.96	32.42	6.55	38.71	34.64	241	214	Average	VERTICAL
2	11568.60	53.98	74.00	-20.02	43.36	6.55	38.71	34.64	241	214	Peak	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss3 VHT20 CH 165 / Chain 5 + Chain 6 + Chain 7 + Chain 8

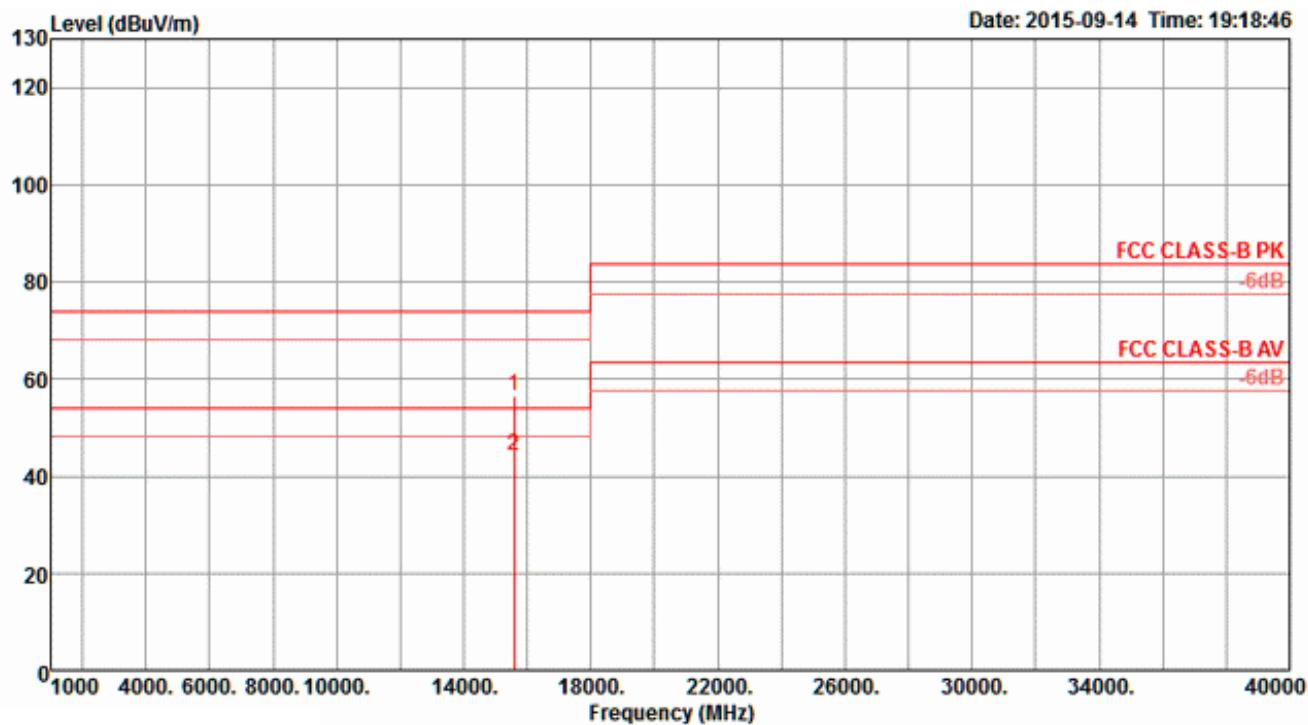
**Horizontal**


Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamplifier Factor	T/Pos	A/Pos	Remark	Pol/Phase
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	11650.28	48.84	54.00	-5.16	38.23	6.56	38.73	34.68	83	217 Average	HORIZONTAL
2	11651.88	61.70	74.00	-12.30	51.09	6.56	38.73	34.68	83	217 Peak	HORIZONTAL

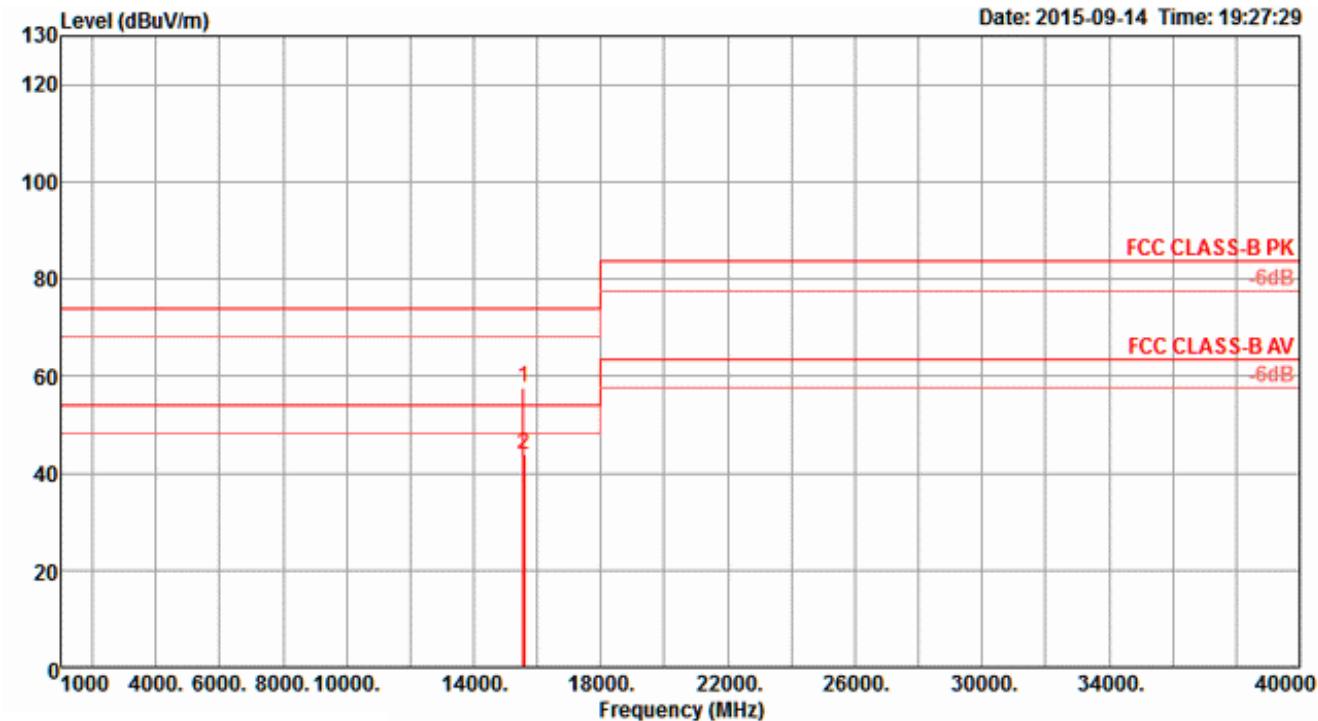
**Vertical**


Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable Antenna Preamp			T/Pos deg	A/Pos cm	Remark	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor				
1 11644.12	56.88	74.00	-17.12	46.26	6.56	38.73	34.67	346	185	Peak	VERTICAL
2 11649.12	46.29	54.00	-7.71	35.68	6.56	38.73	34.68	346	185	Average	VERTICAL

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

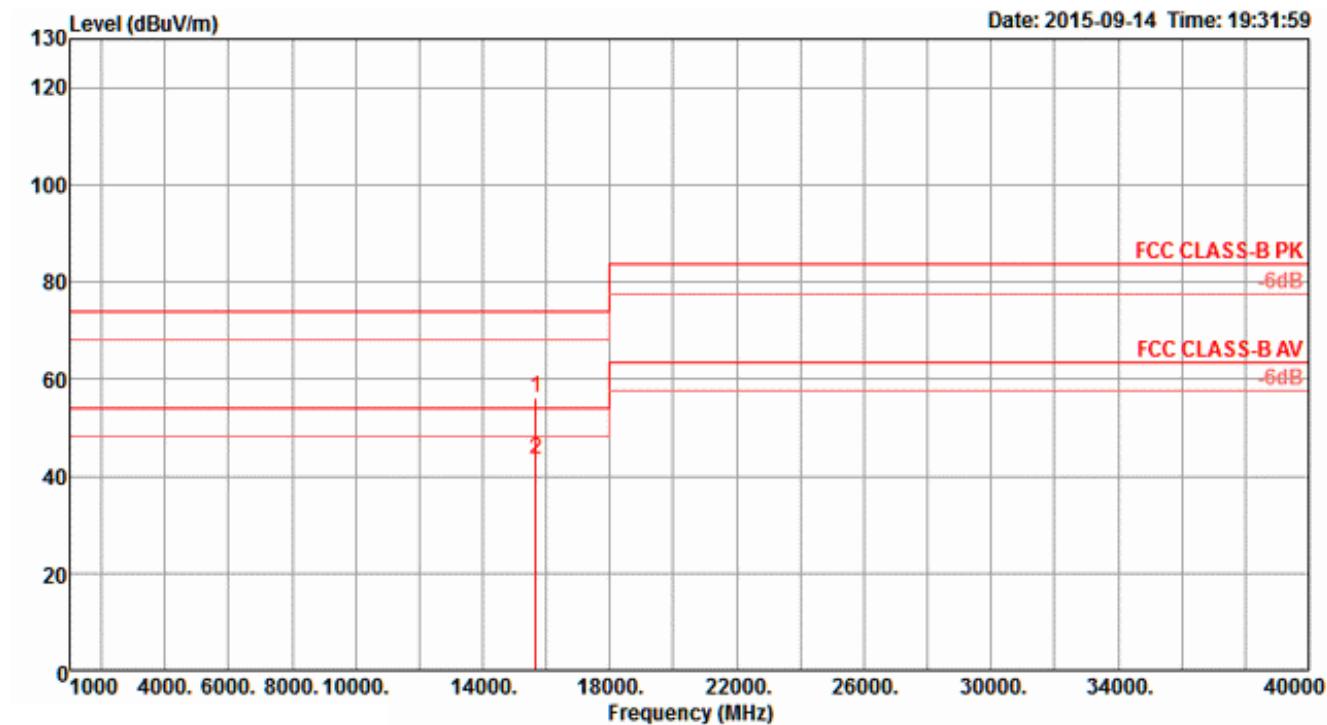
**Horizontal**


Freq	Level	Limit		Over Line	Read Level	Cable Antenna Preamp			T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit			Cable Loss	Antenna Factor	Preamp Factor				
1	15578.50	56.49	74.00	-17.51	45.33	7.57	38.26	34.67	42	184	Peak	HORIZONTAL
2	15594.90	44.03	54.00	-9.97	32.83	7.58	38.29	34.67	42	184	Average	HORIZONTAL

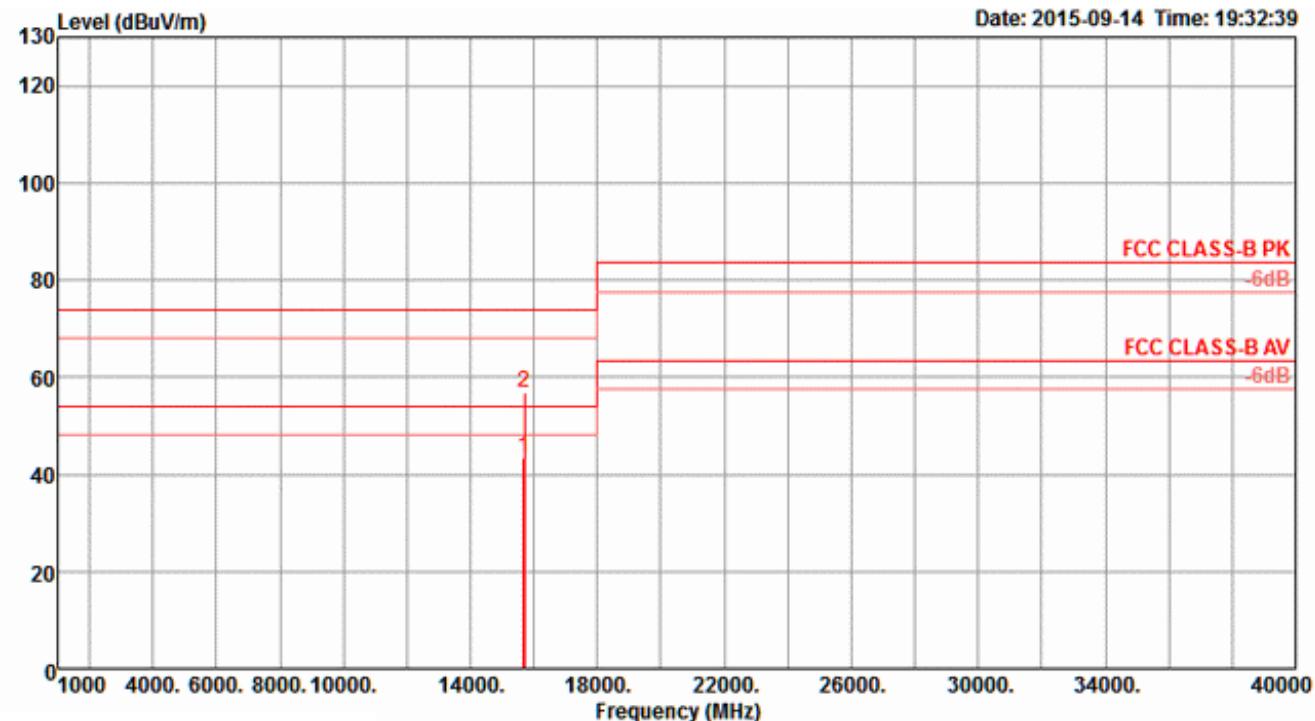
**Vertical**

Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable Antenna Preamp			T/Pos deg	A/Pos cm	Remark	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor				
1 15564.40	57.40	74.00	-16.60	46.25	7.57	38.22	34.64	321	162	Peak	VERTICAL
2 15589.80	43.90	54.00	-10.10	32.74	7.57	38.26	34.67	321	162	Average	VERTICAL

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

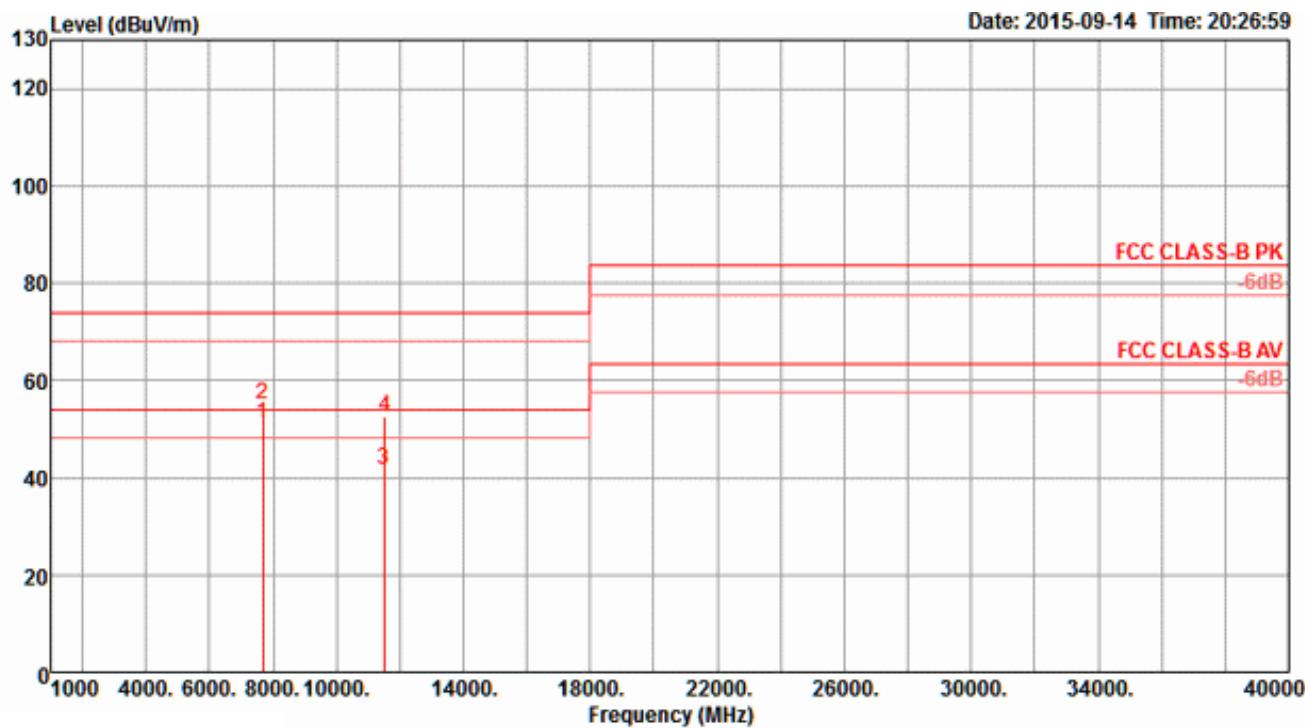
**Horizontal**


Freq	Level	Limit		Over Line Limit	Read Level	Cable Antenna Preamp			T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit			Cable Loss	Antenna Factor	Preamp Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm			
1	15674.00	56.27	74.00	-17.73	44.99	7.60	38.41	34.73	233	184	Peak	HORIZONTAL
2	15676.32	43.63	54.00	-10.37	32.37	7.60	38.41	34.75	233	184	Average	HORIZONTAL

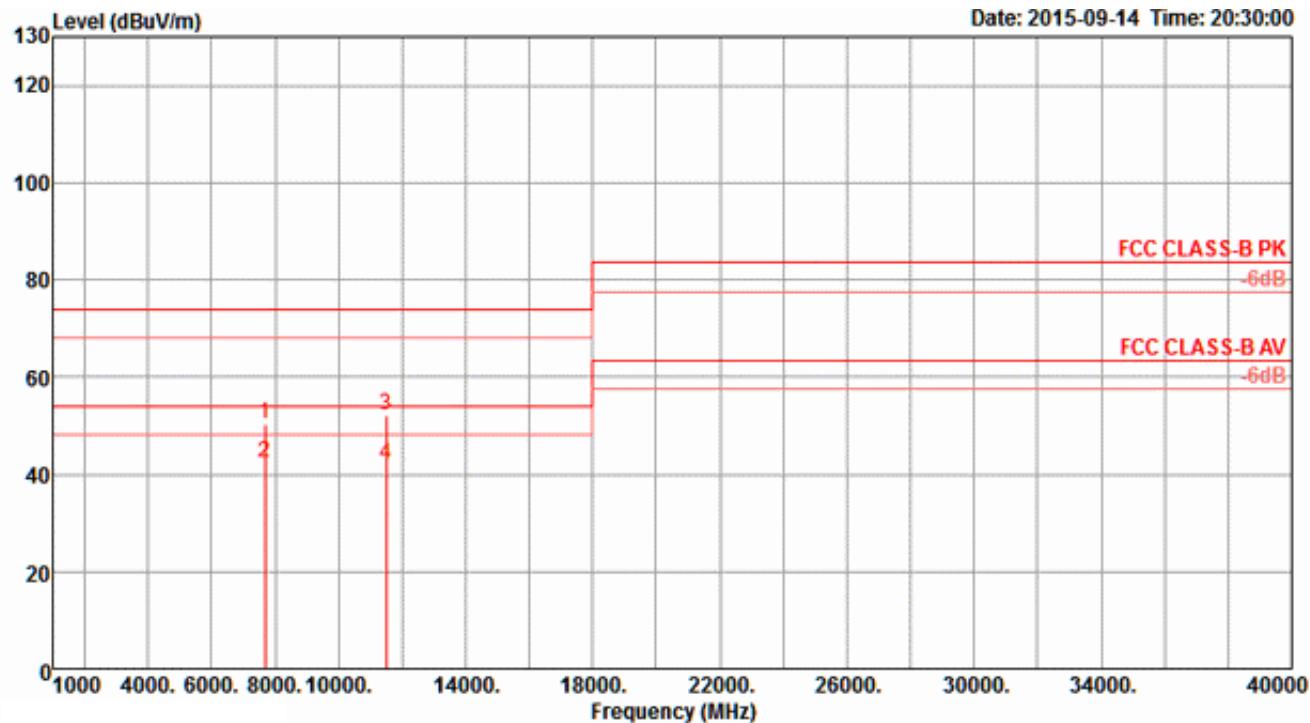
**Vertical**


	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	15686.88	43.60	54.00	-10.40	32.30	7.61	38.44	34.75	160	190	Average	VERTICAL
2	15706.88	56.89	74.00	-17.11	45.58	7.62	38.47	34.78	160	190	Peak	VERTICAL

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

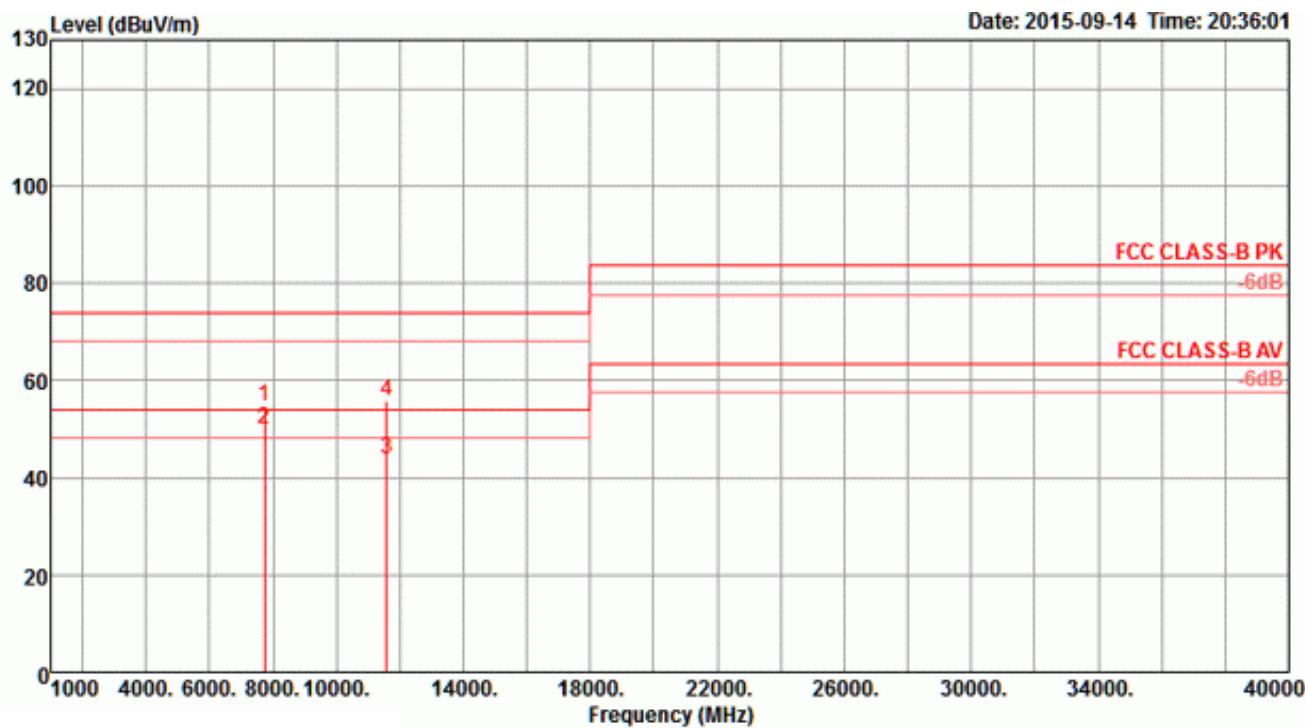
**Horizontal**


Freq MHz	Level dBuV/m	Limit Line dB	Over Limit dB	Read Level dBuV	Cable Loss dB	Antenna Factor dB/m	Preamp Factor dB	T/Pos deg	A/Pos cm	Remark	Pol/Phase
1 7673.30	50.93	54.00	-3.07	43.13	5.23	37.43	34.86	283	162	Average	HORIZONTAL
2 7673.36	54.92	74.00	-19.08	47.12	5.23	37.43	34.86	283	162	Peak	HORIZONTAL
3 11504.56	41.66	54.00	-12.34	31.04	6.54	38.70	34.62	254	180	Average	HORIZONTAL
4 11511.24	52.47	74.00	-21.53	41.85	6.54	38.70	34.62	254	180	Peak	HORIZONTAL

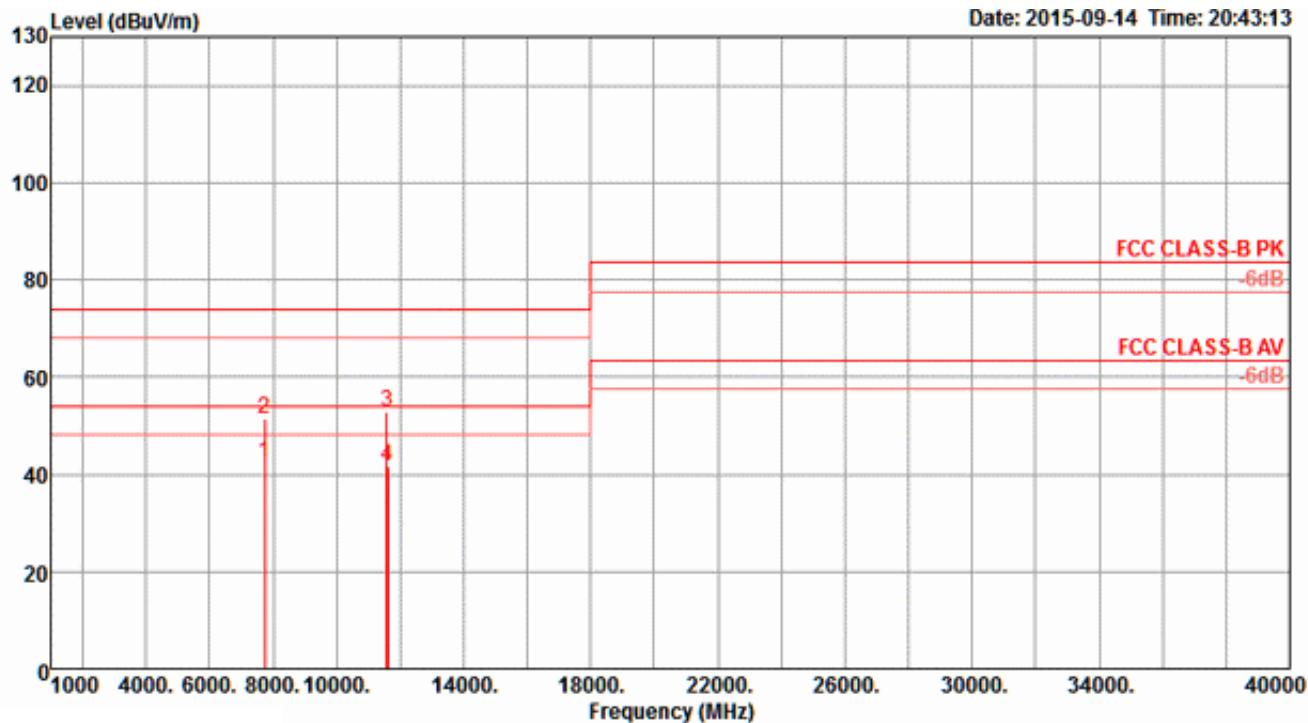
**Vertical**


Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	CableAntenna Preamp			T/Pos deg	A/Pos cm	Remark	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor				
1 7673.31	50.30	74.00	-23.70	42.50	5.23	37.43	34.86	22	158	Peak	VERTICAL
2 7673.35	42.34	54.00	-11.66	34.54	5.23	37.43	34.86	22	158	Average	VERTICAL
3 11506.08	52.23	74.00	-21.77	41.61	6.54	38.70	34.62	311	162	Peak	VERTICAL
4 11507.80	41.83	54.00	-12.17	31.21	6.54	38.70	34.62	311	162	Average	VERTICAL

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

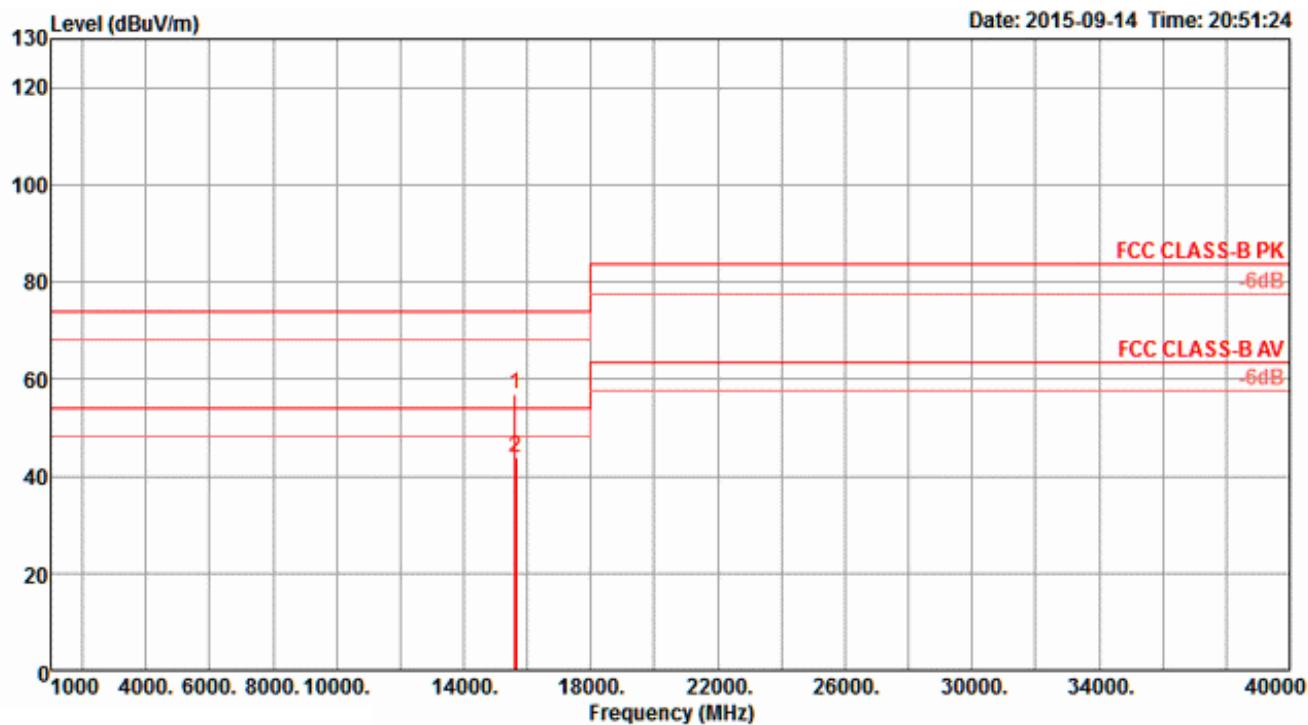
**Horizontal**


Freq MHz	Level dBuV/m	Limit Line dB	Over Limit dB	Read Level dBuV	Cable Antenna			Preamp Factor	T/Pos deg	A/Pos cm	Remark	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor					
1 7726.65	54.52	74.00	-19.48	46.73	5.26	37.41	34.88	282	157	Peak	HORIZONTAL	
2 7726.67	50.13	54.00	-3.87	42.34	5.26	37.41	34.88	282	157	Average	HORIZONTAL	
3 11584.48	43.66	54.00	-10.34	33.04	6.55	38.72	34.65	31	160	Average	HORIZONTAL	
4 11584.96	55.74	74.00	-18.26	45.12	6.55	38.72	34.65	31	160	Peak	HORIZONTAL	

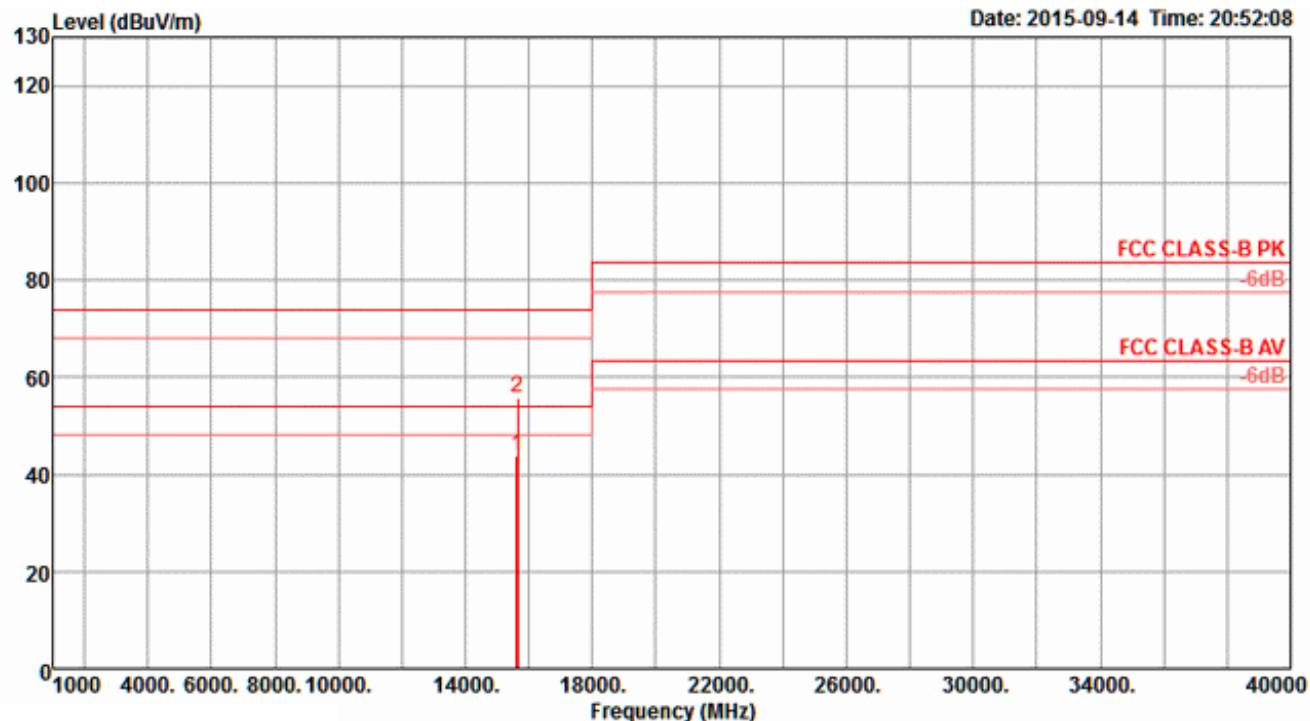
**Vertical**


	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	dB	dB/m	dB	deg	cm		
1	7726.68	42.44	54.00	-11.56	34.65	5.26	37.41	34.88	322	170	Average	VERTICAL
2	7726.72	51.55	74.00	-22.45	43.76	5.26	37.41	34.88	322	170	Peak	VERTICAL
3	11584.64	52.99	74.00	-21.01	42.37	6.55	38.72	34.65	255	149	Peak	VERTICAL
4	11595.60	41.62	54.00	-12.38	31.01	6.55	38.72	34.66	255	149	Average	VERTICAL

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

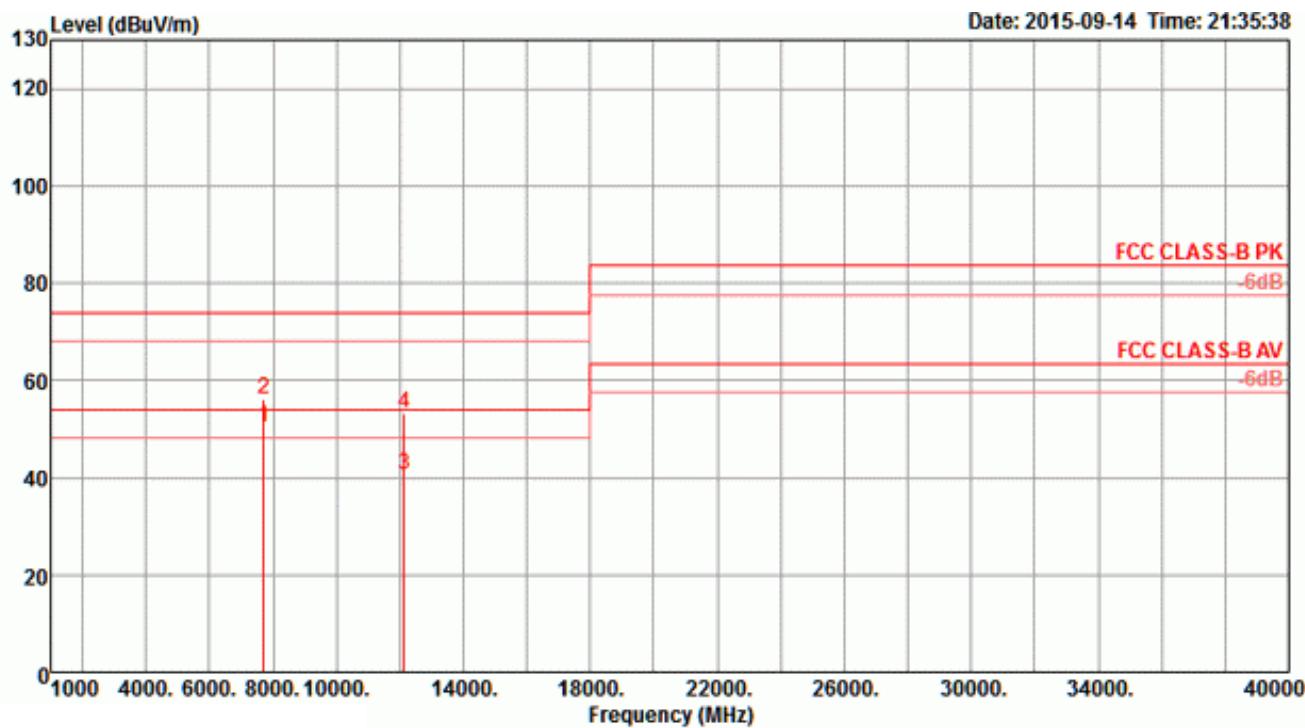
**Horizontal**


Freq	Level	Limit		Over Line Limit	Read Level	Cable Antenna Preamp			T/Pos	A/Pos	Remark	Pol/Phase
		Line	dB			Cable Loss	Antenna Factor	Preamp Factor				
1	15622.52	56.68	74.00	-17.32	45.46	7.59	38.32	34.69	60	188	Peak	HORIZONTAL
2	15632.28	43.70	54.00	-10.30	32.47	7.59	38.35	34.71	60	188	Average	HORIZONTAL

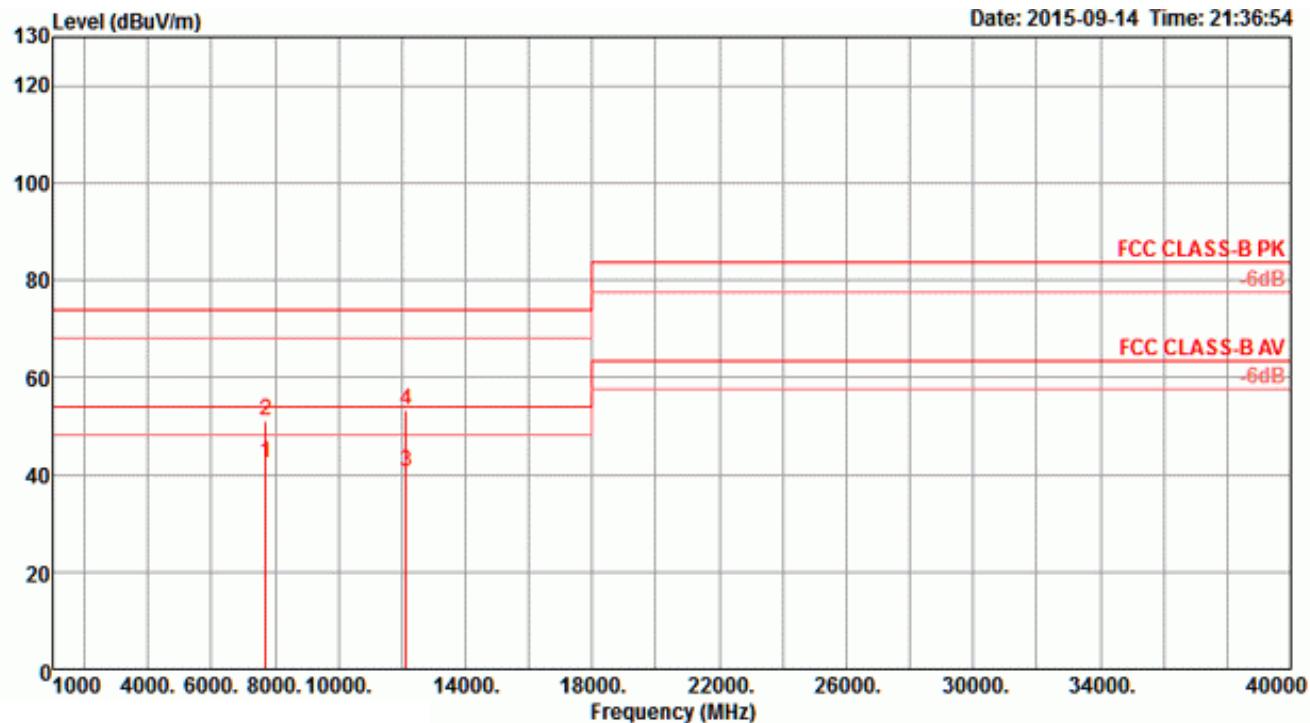
**Vertical**


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	15630.24	43.80	54.00	-10.20	32.57	7.59	38.35	34.71	144	159	Average	VERTICAL
2	15636.88	55.93	74.00	-18.07	44.70	7.59	38.35	34.71	144	159	Peak	VERTICAL

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

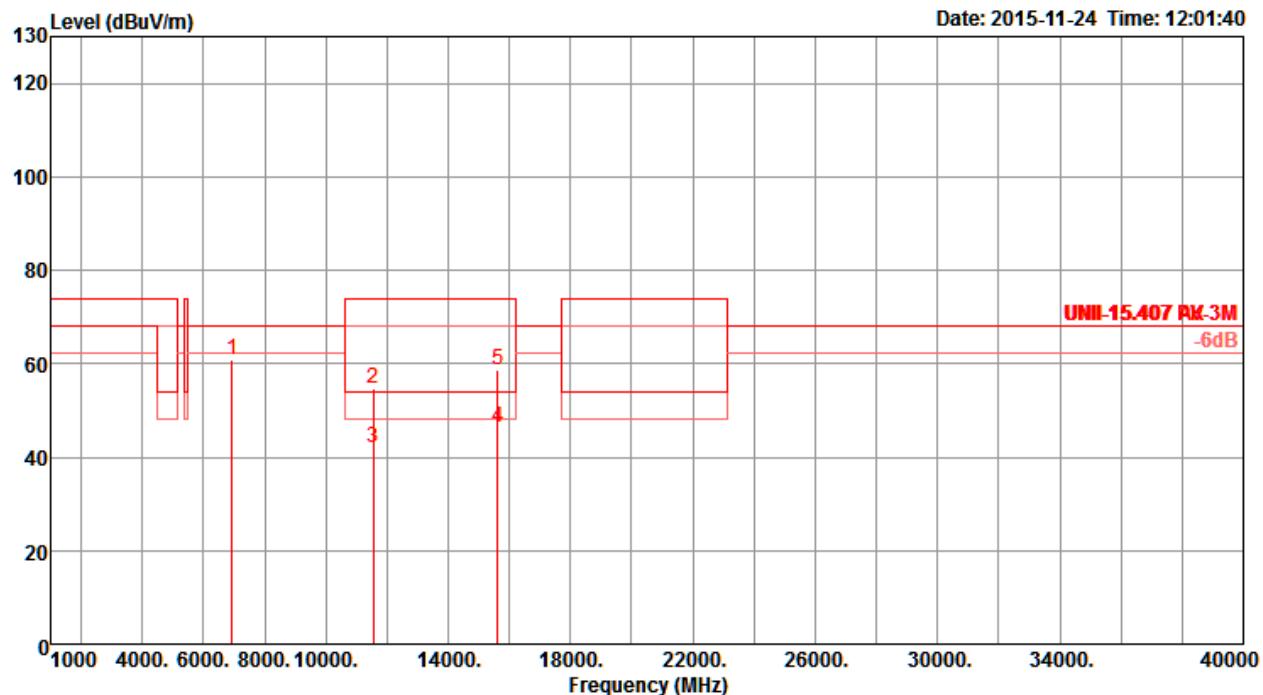
**Horizontal**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	7700.00	50.42	54.00	-3.58	42.63	5.24	37.42	34.87	281	161	Average HORIZONTAL
2	7700.19	56.08	74.00	-17.92	48.29	5.24	37.42	34.87	281	161	Peak HORIZONTAL
3	12120.26	40.38	54.00	-13.62	29.59	6.64	38.90	34.75	249	174	Average HORIZONTAL
4	12133.74	53.41	74.00	-20.59	42.60	6.64	38.91	34.74	249	174	Peak HORIZONTAL

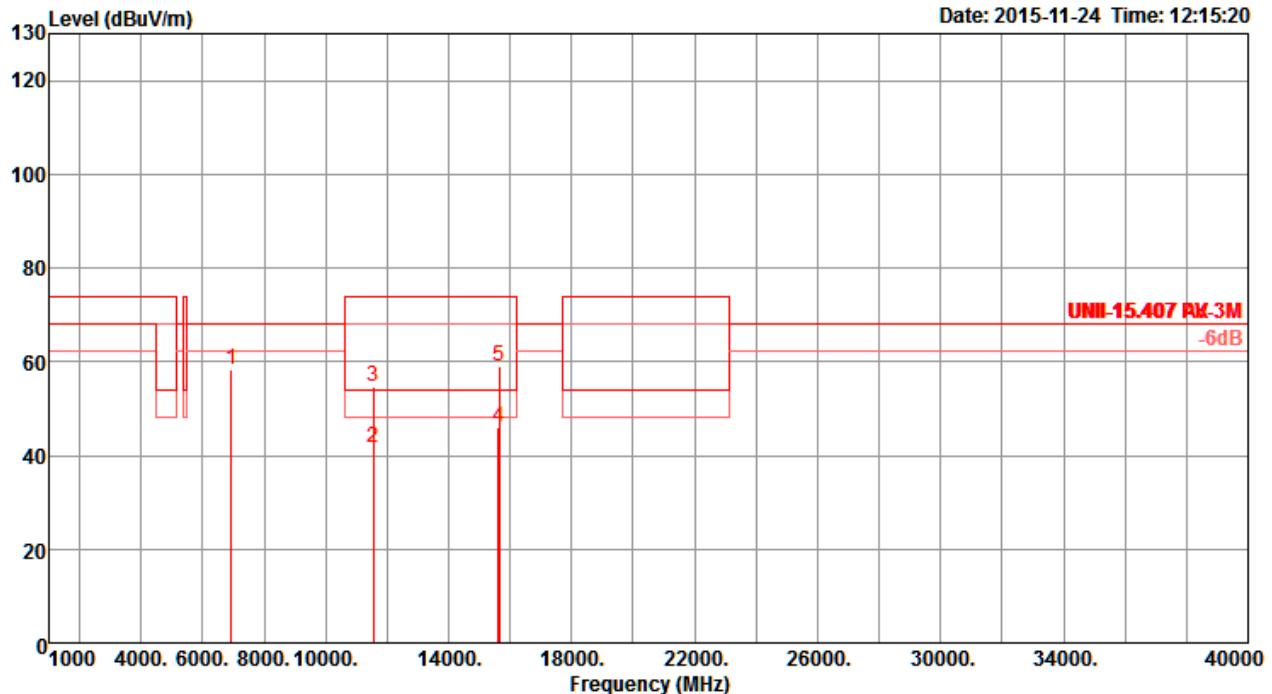
**Vertical**

Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1 7700.02	42.31	54.00	-11.69	34.52	5.24	37.42	34.87	4	162	Average	VERTICAL
2 7700.12	51.23	74.00	-22.77	43.44	5.24	37.42	34.87	4	162	Peak	VERTICAL
3 12129.50	40.60	54.00	-13.40	29.80	6.64	38.91	34.75	202	159	Average	VERTICAL
4 12131.90	53.16	74.00	-20.84	42.35	6.64	38.91	34.74	202	159	Peak	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT80+80 Type 1 / CH 42+155 / Chain 5 + Chain 6 + Chain 7 + Chain 8

**Horizontal**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	6946.70	61.01	68.20	-7.19	51.62	7.36	36.72	34.69	65	175 Peak	HORIZONTAL
2	11547.44	54.73	74.00	-19.27	41.18	9.69	38.51	34.65	27	166 Peak	HORIZONTAL
3	11554.94	42.09	54.00	-11.91	28.50	9.71	38.53	34.65	27	166 Average	HORIZONTAL
4	15627.08	46.23	54.00	-7.77	31.17	11.50	38.29	34.73	121	198 Average	HORIZONTAL
5	15630.32	58.60	74.00	-15.40	43.54	11.50	38.29	34.73	121	198 Peak	HORIZONTAL

**Vertical**


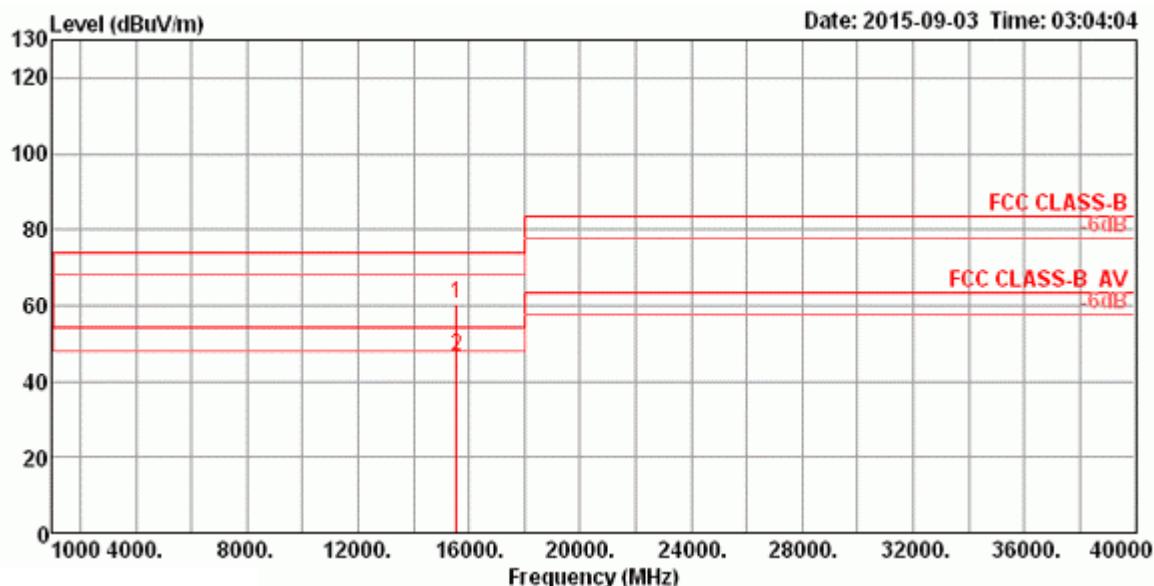
Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					dB	dBuV	dB	dB/m	deg		
	MHz	dBuV/m	dBuV/m		dB						
1	6946.68	58.36	68.20	-9.84	48.97	7.36	36.72	34.69	310	205 Peak	VERTICAL
2	11549.94	41.60	54.00	-12.40	28.05	9.69	38.51	34.65	145	220 Average	VERTICAL
3	11554.24	54.82	74.00	-19.18	41.23	9.71	38.53	34.65	145	220 Peak	VERTICAL
4	15629.60	46.12	54.00	-7.88	31.06	11.50	38.29	34.73	75	177 Average	VERTICAL
5	15631.96	59.19	74.00	-14.81	44.13	11.50	38.29	34.73	75	177 Peak	VERTICAL



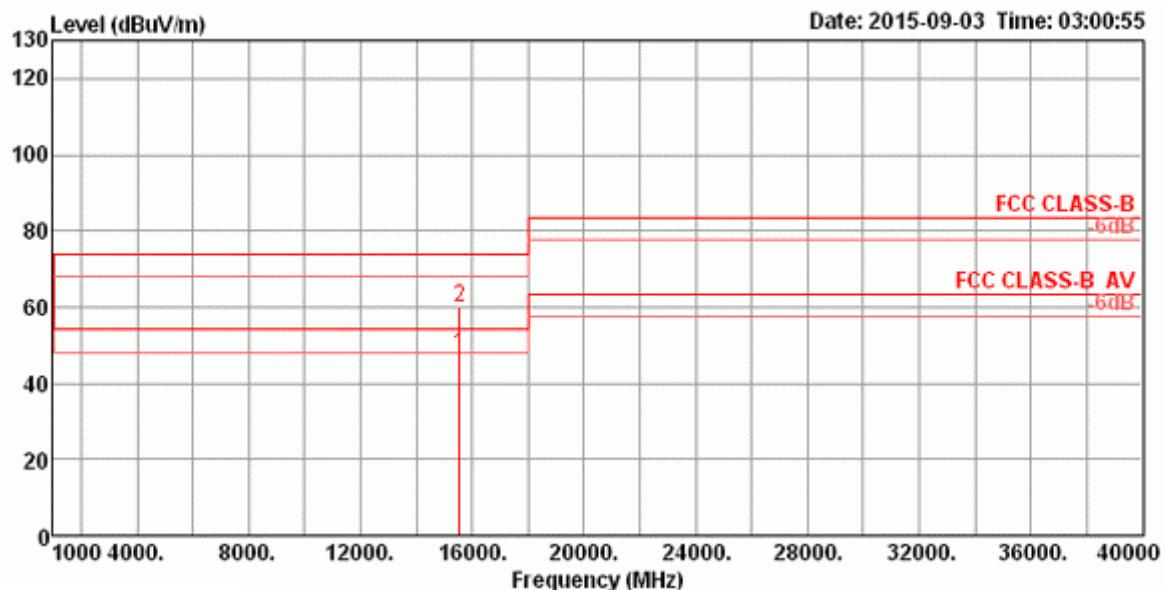
<For Radio 3 Mode>

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11a CH 36 / Chain 9

## **Horizontal**

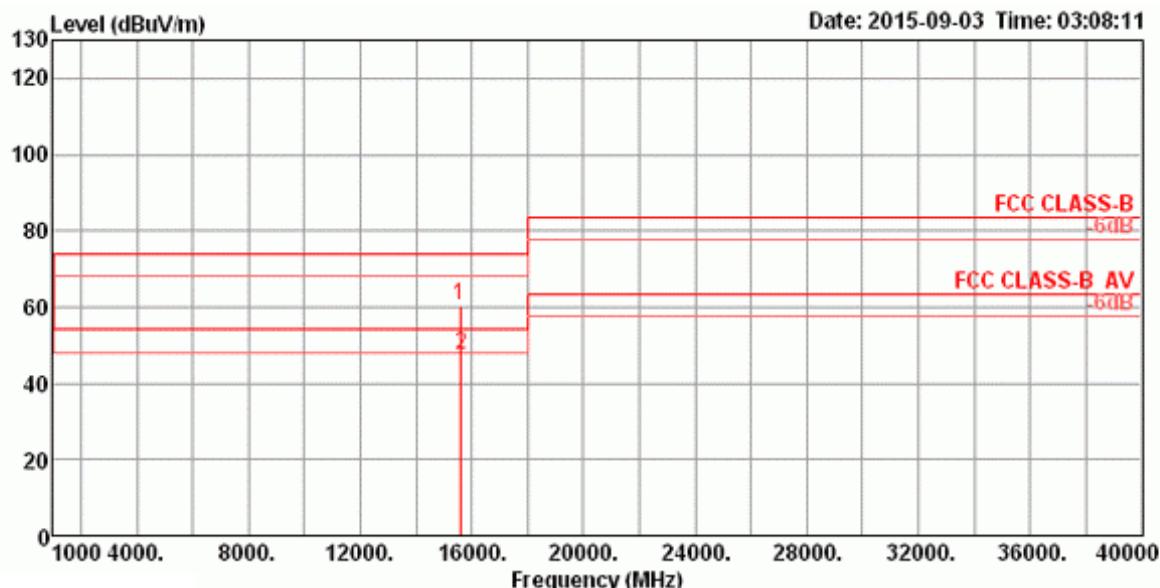


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1 15537.22	60.63	74.00	-13.37	43.61	12.58	38.14	33.70	171	267	Peak	HORIZONTAL
2 15537.35	46.42	54.00	-7.58	29.40	12.58	38.14	33.70	171	267	Average	HORIZONTAL

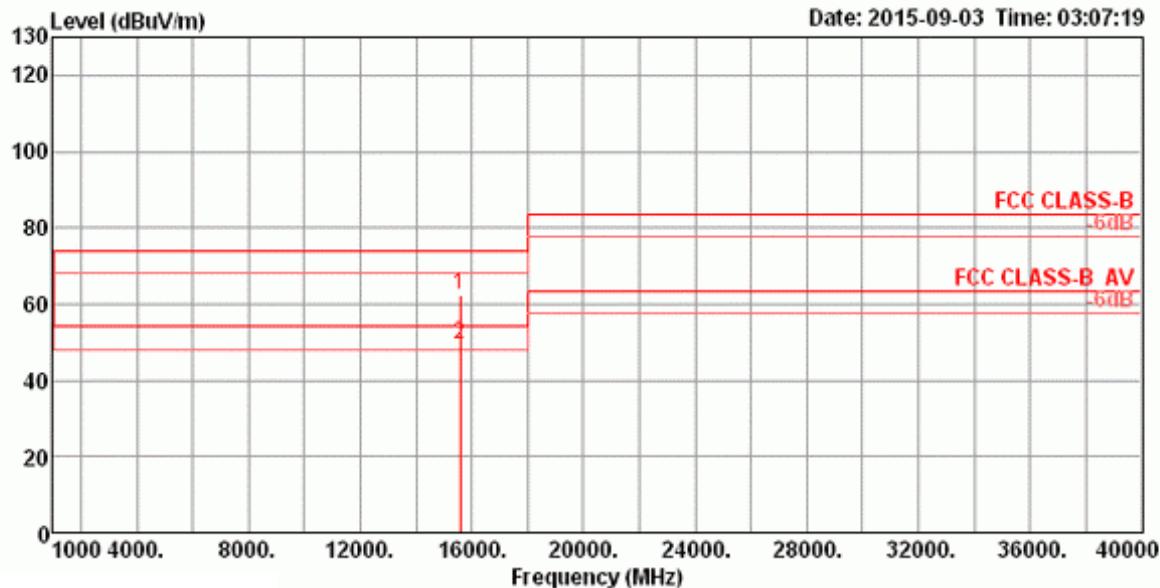
**Vertical**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	cm	deg		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB				
1	15536.25	47.60	54.00	-6.40	30.58	12.58	38.14	33.70	194	319 Average	VERTICAL
2	15543.20	59.75	74.00	-14.25	42.73	12.58	38.14	33.70	194	319 Peak	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11a CH 40 / Chain 9

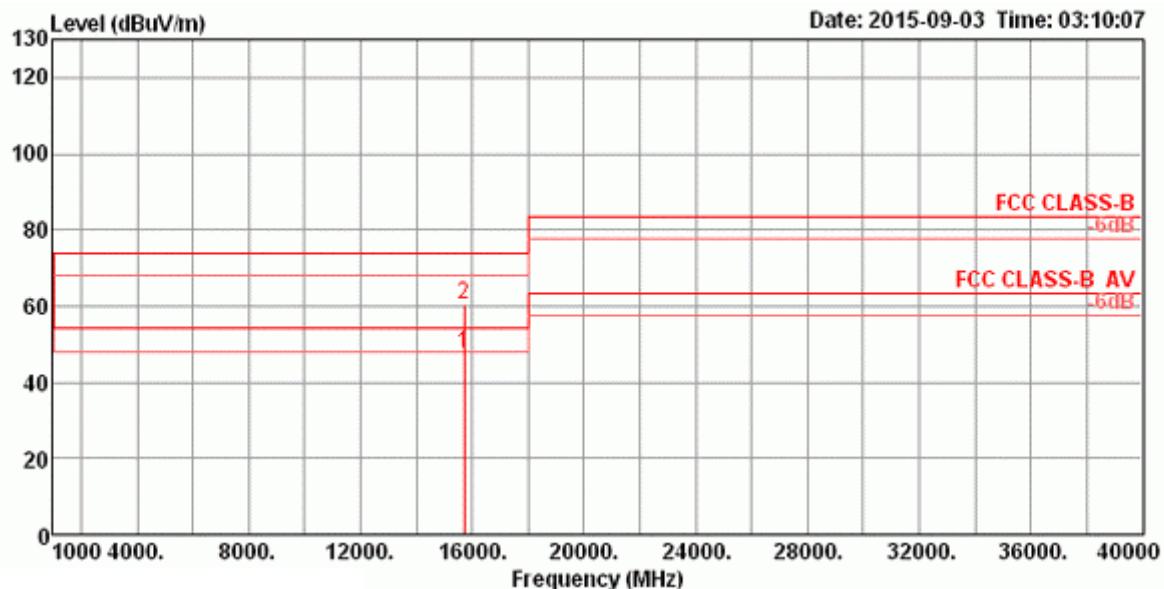
**Horizontal**


Freq	Level	Limit Line	Over Limit	Read Level	Cable			Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
					Loss	Factor	Factor						
1	15596.56	60.45	74.00	-13.55	43.59	12.58	38.03	33.75	154	288	Peak		HORIZONTAL
2	15600.28	47.70	54.00	-6.30	30.87	12.58	38.03	33.78	154	288	Average		HORIZONTAL

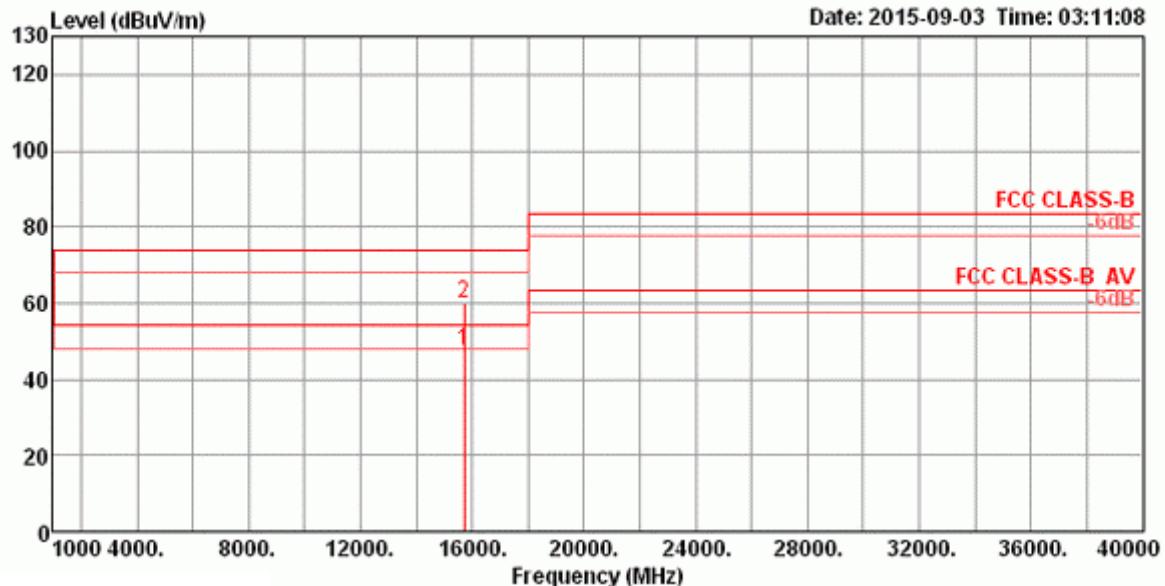
*Vertical*


Freq	Level	Limit		Over Limit	Read Level	Cable		Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
		Line	m			dB	dBuV						
MHz	dBuV/m	dBuV/m											
1	15597.74	62.37	74.00	-11.63	45.51	12.58	38.03	33.75	145	39	Peak	VERTICAL	
2	15598.45	49.34	54.00	-4.66	32.48	12.58	38.03	33.75	145	39	Average	VERTICAL	

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11a CH 48 / Chain 9

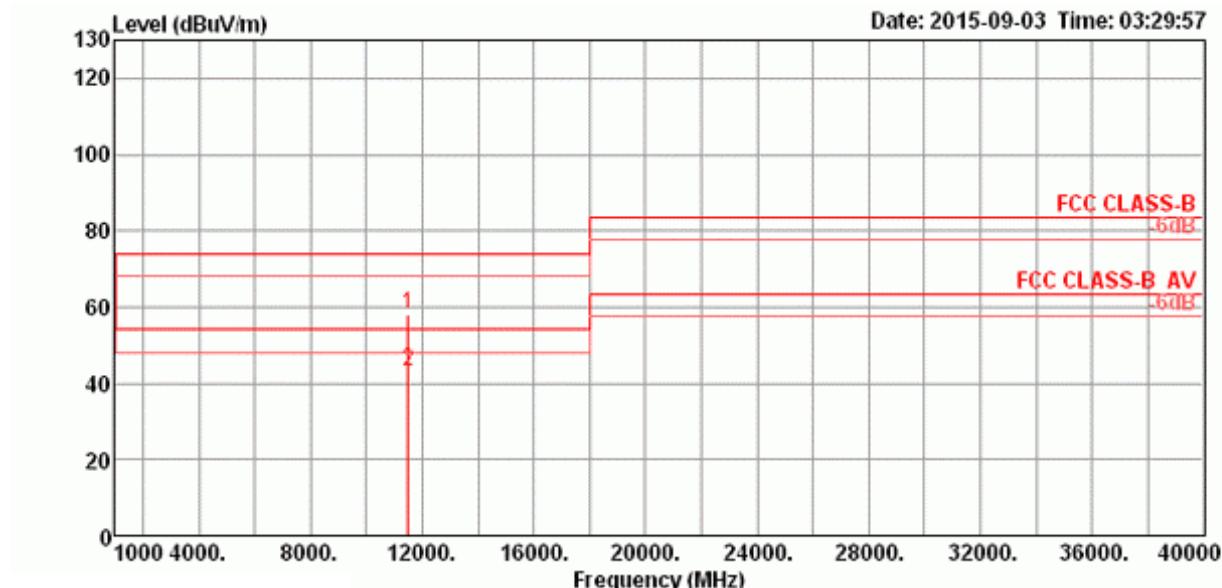
**Horizontal**


Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss			Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
					dB	dBuV	dB/m						
1	15715.89	47.70	54.00	-6.30	31.17	12.57	37.84	33.88	154	288	Average	HORIZONTAL	
2	15720.12	60.25	74.00	-13.75	43.72	12.57	37.84	33.88	154	288	Peak	HORIZONTAL	

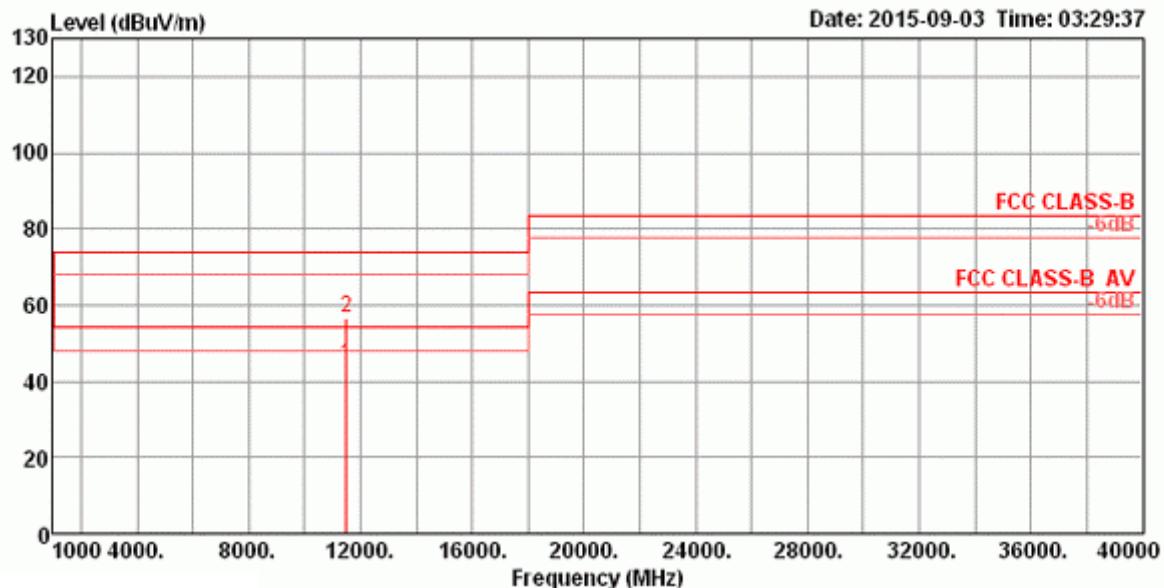
**Vertical**


Freq	Level	Limit		Over Line Limit	Read Level	Cable Antenna Preamp			A/Pos	T/Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15722.20	47.73	54.00	-6.27	31.20	12.57	37.84	33.88	156	291	Average	VERTICAL
2	15722.39	60.18	74.00	-13.82	43.65	12.57	37.84	33.88	156	291	Peak	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11a CH 149 / Chain 9

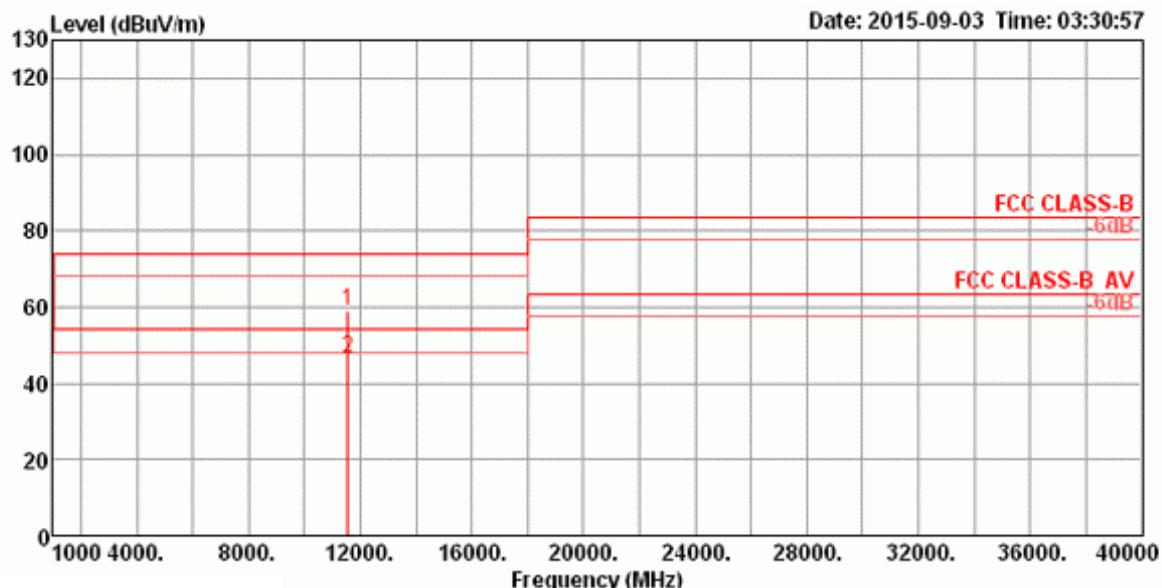
**Horizontal**


Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna			Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
					Loss	Factor	Factor					
1	11489.48	58.00	74.00	-16.00	41.78	10.71	38.88	33.37	164	280	Peak	HORIZONTAL
2	11490.12	43.31	54.00	-10.69	27.09	10.71	38.88	33.37	164	280	Average	HORIZONTAL

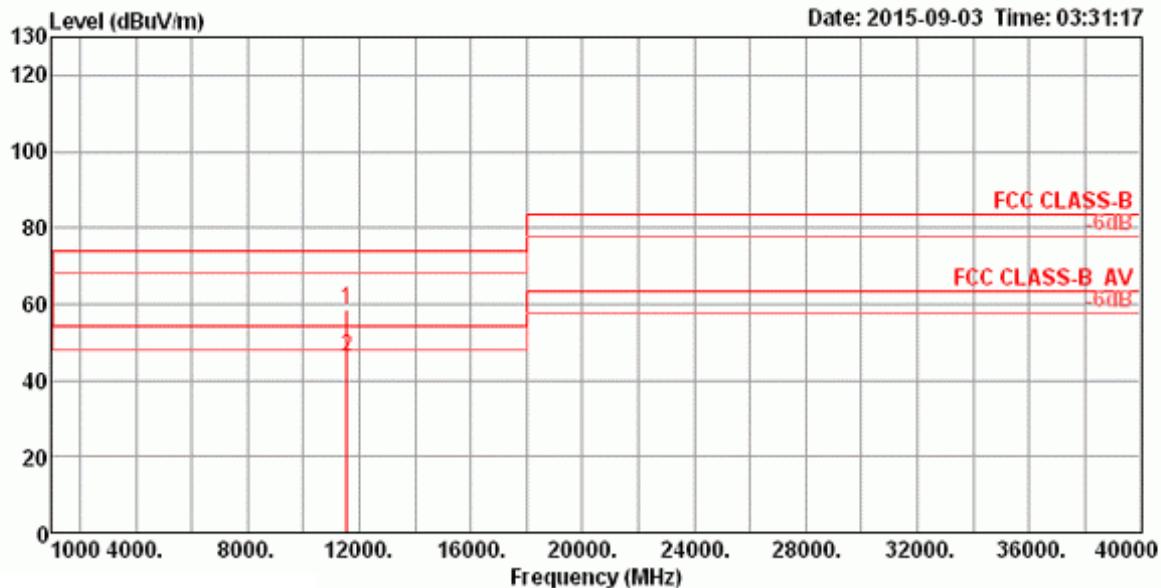
**Vertical**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	cm	deg		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB				
1	11487.31	44.35	54.00	-9.65	28.13	10.71	38.88	33.37	162	262 Average	VERTICAL
2	11489.35	56.74	74.00	-17.26	40.52	10.71	38.88	33.37	162	262 Peak	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11a CH 157 / Chain 9

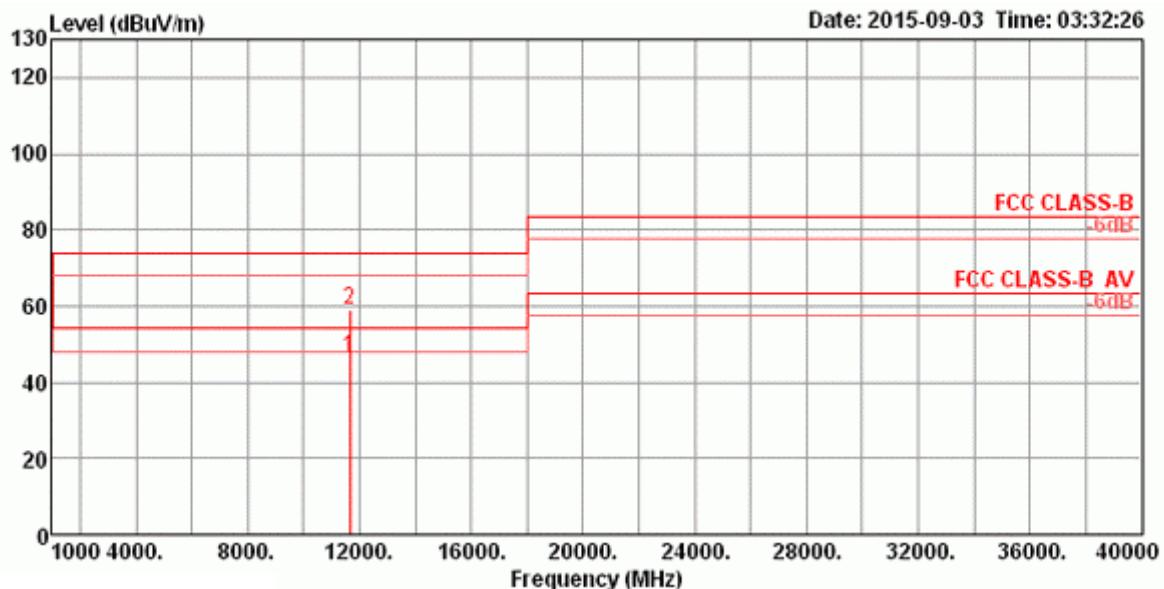
**Horizontal**


Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna			Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
					Loss	Factor	Factor					
	MHz	dB <sub>UV</sub> /m	dB <sub>UV</sub> /m	dB	dB <sub>UV</sub>	dB	dB/m	dB	cm	deg		
1	11565.27	59.00	74.00	-15.00	42.70	10.75	38.93	33.38	162	316	Peak	HORIZONTAL
2	11574.27	46.56	54.00	-7.44	30.25	10.76	38.94	33.39	162	316	Average	HORIZONTAL

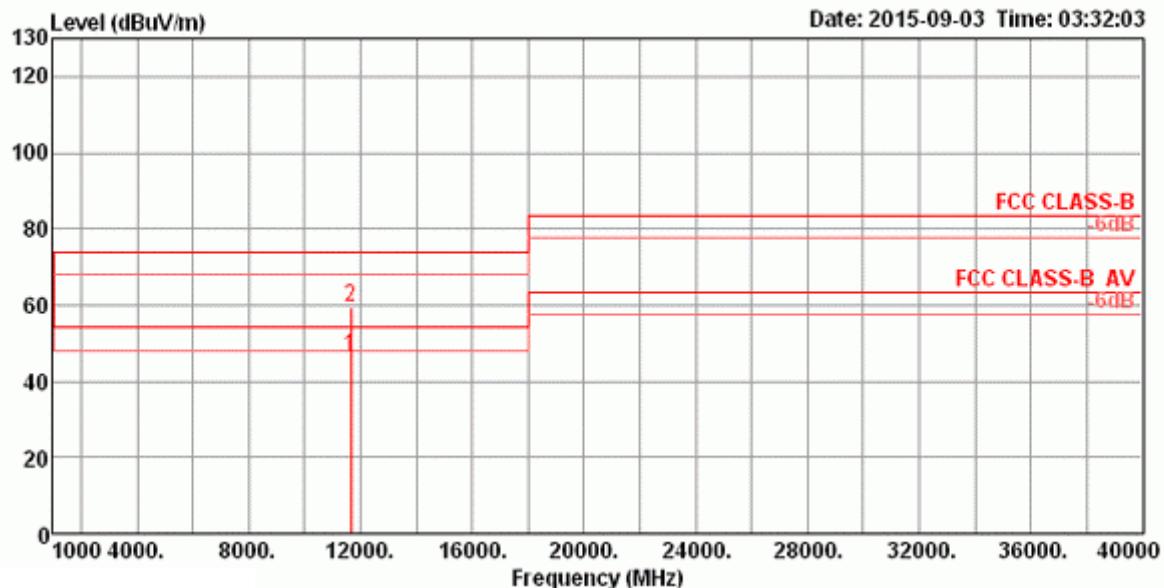
*Vertical*


Freq	Level	Limit		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	deg	deg		
1	11568.23	58.75	74.00	-15.25	42.44	10.75	38.94	33.38	162	334	Peak	VERTICAL
2	11571.87	46.04	54.00	-7.96	29.73	10.76	38.94	33.39	162	334	Average	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11a CH 165 / Chain 9

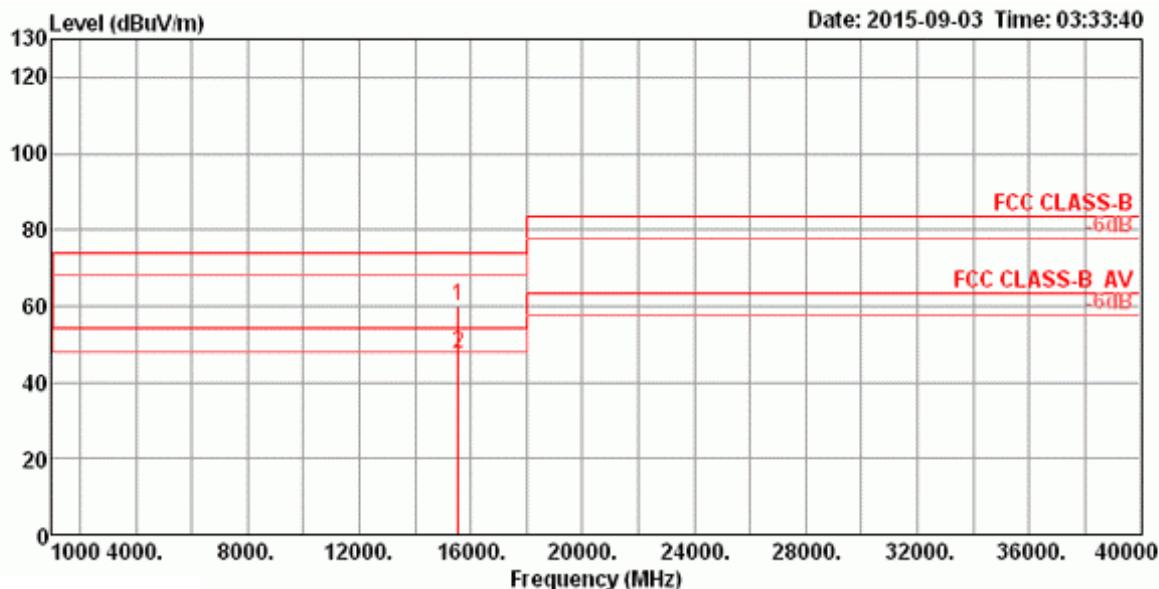
**Horizontal**


Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna Preamp			A/Pos	T/Pos	Remark	Pol/Phase
					Loss	Factor	Preamplifier				
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	11649.99	46.45	54.00	-7.55	30.07	10.81	38.98	33.41	151	276	Average HORIZONTAL
2	11650.94	59.23	74.00	-14.77	42.84	10.81	38.99	33.41	151	276	Peak HORIZONTAL

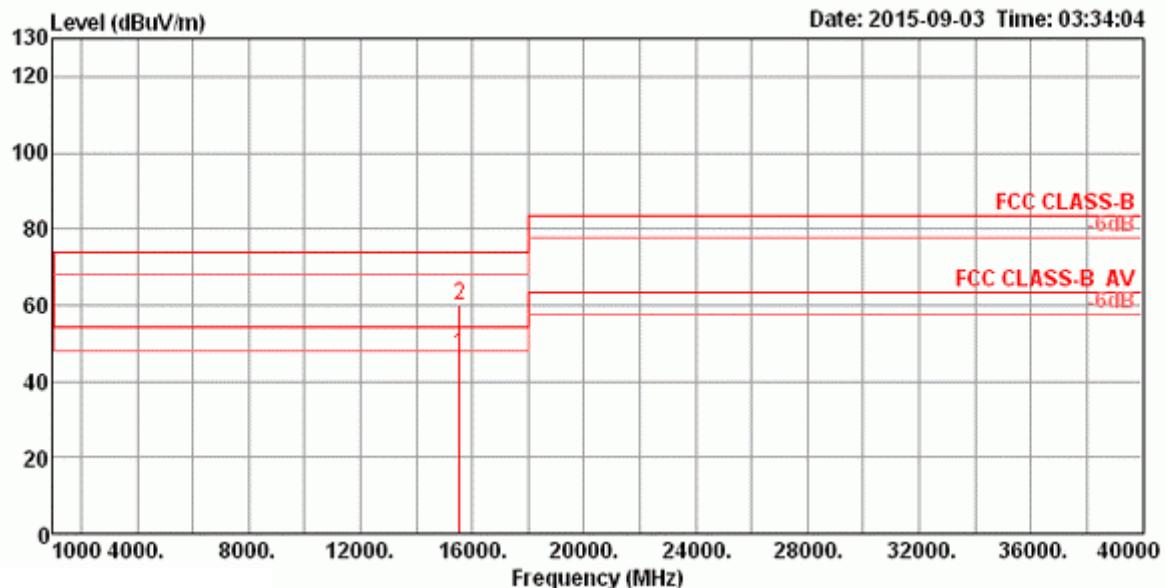
**Vertical**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	cm	deg		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11647.13	46.68	54.00	-7.32	30.30	10.81	38.98	33.41	159	293 Average	VERTICAL
2	11649.36	59.49	74.00	-14.51	43.11	10.81	38.98	33.41	159	293 Peak	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 36 / Chain 9

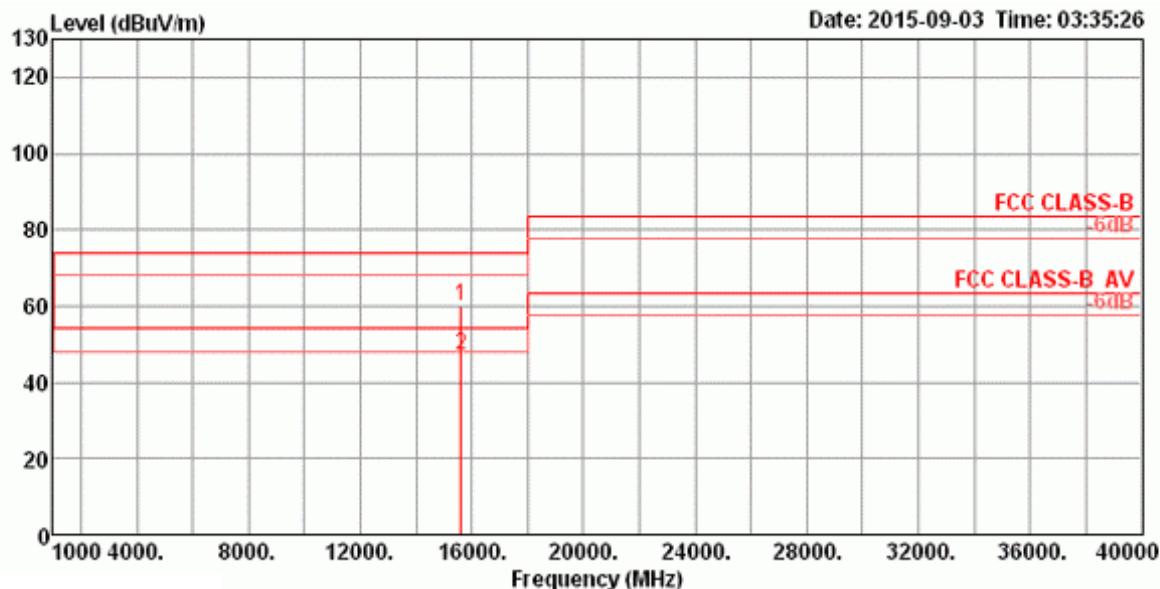
**Horizontal**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	cm	deg		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15535.51	59.80	74.00	-14.20	42.78	12.58	38.14	33.70	141	251 Peak	HORIZONTAL
2	15537.89	47.31	54.00	-6.69	30.29	12.58	38.14	33.70	141	251 Average	HORIZONTAL

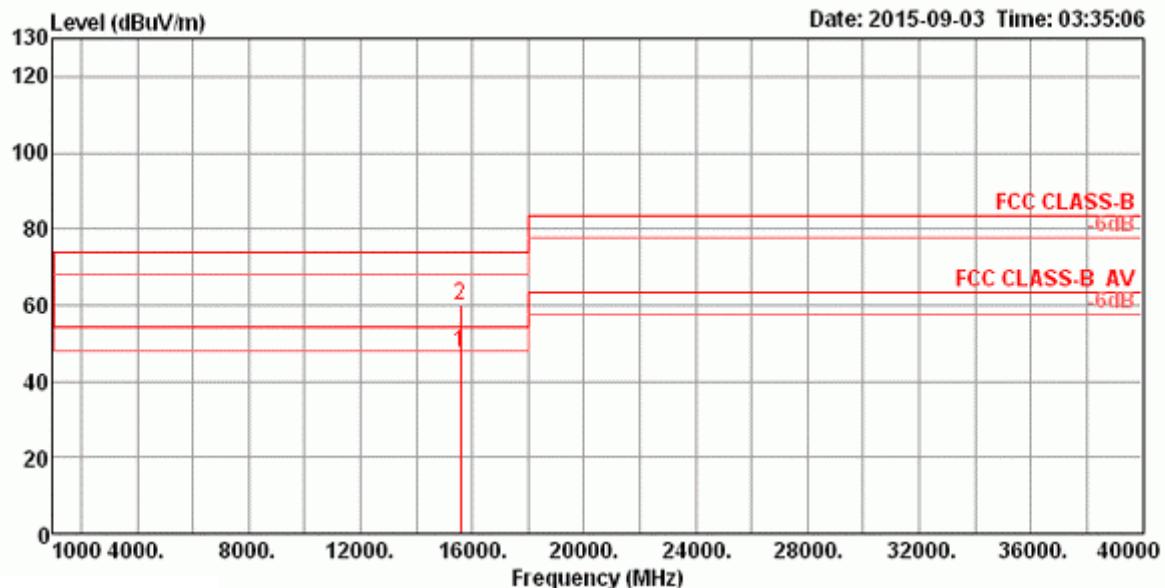
*Vertical*


Freq	Level	Limit		Over Line 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	15535.09	47.23	54.00	-6.77	30.21	12.58	38.14	33.70	162	225	Average	VERTICAL
2	15541.91	60.11	74.00	-13.89	43.09	12.58	38.14	33.70	162	225	Peak	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 40 / Chain 9

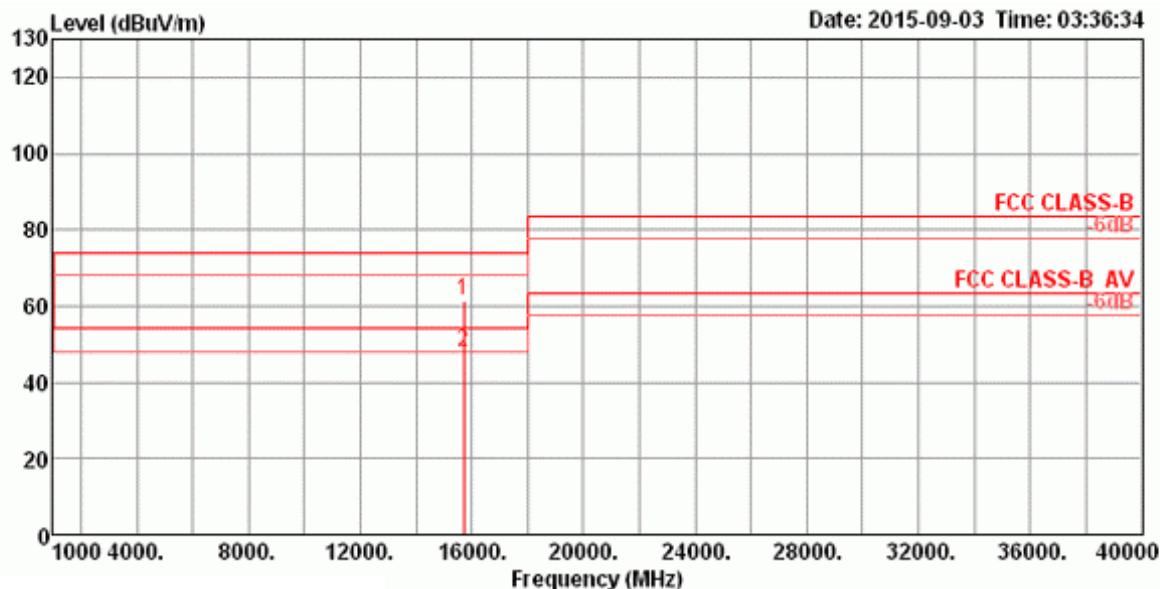
**Horizontal**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	cm	deg		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	15601.62	60.00	74.00	-14.00	43.17	12.58	38.03	33.78	162	173 Peak	HORIZONTAL
2	15604.83	47.14	54.00	-6.86	30.31	12.58	38.03	33.78	162	173 Average	HORIZONTAL

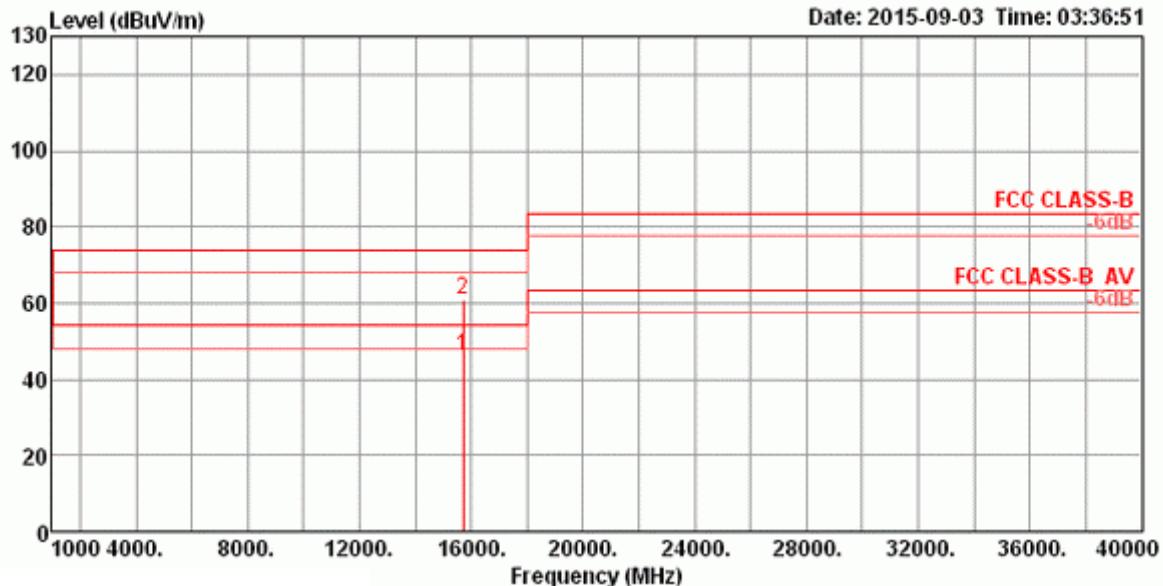
**Vertical**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	cm	deg		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB				
1	15596.04	47.59	54.00	-6.41	30.73	12.58	38.03	33.75	171	189 Average	VERTICAL
2	15596.89	59.76	74.00	-14.24	42.90	12.58	38.03	33.75	171	189 Peak	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 48 / Chain 9

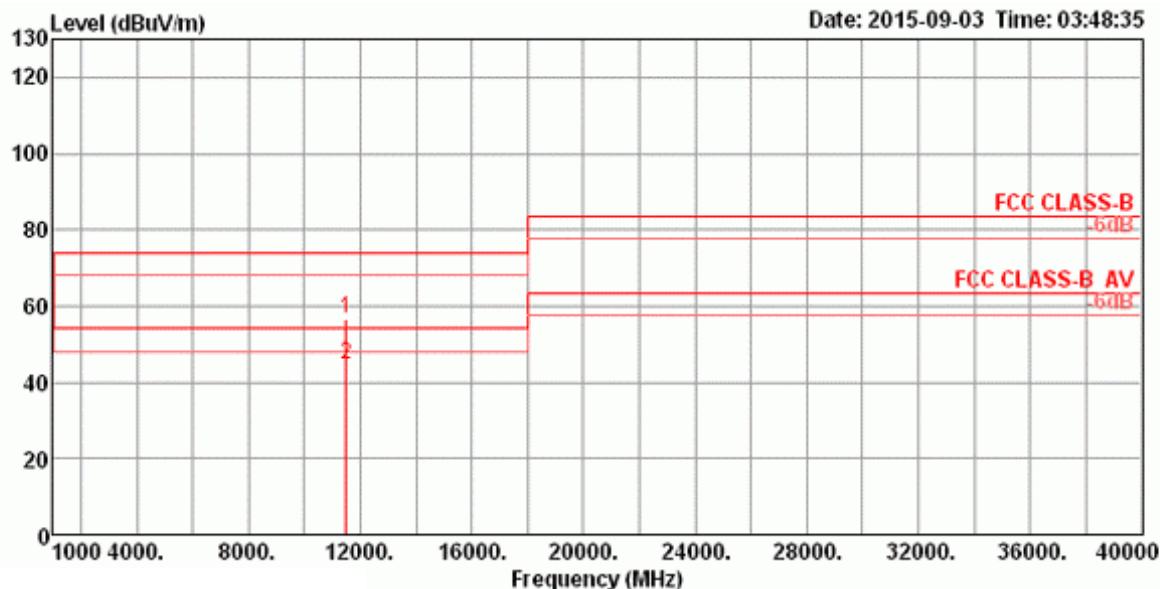
**Horizontal**


Freq	Level	Limit		Over Line Limit	Read Level	Cable Antenna Preamp			A/Pos	T/Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg	
1	15719.80	61.40	74.00	-12.60	44.87	12.57	37.84	33.88	157	121	Peak	HORIZONTAL
2	15723.82	47.93	54.00	-6.07	31.40	12.57	37.84	33.88	157	121	Average	HORIZONTAL

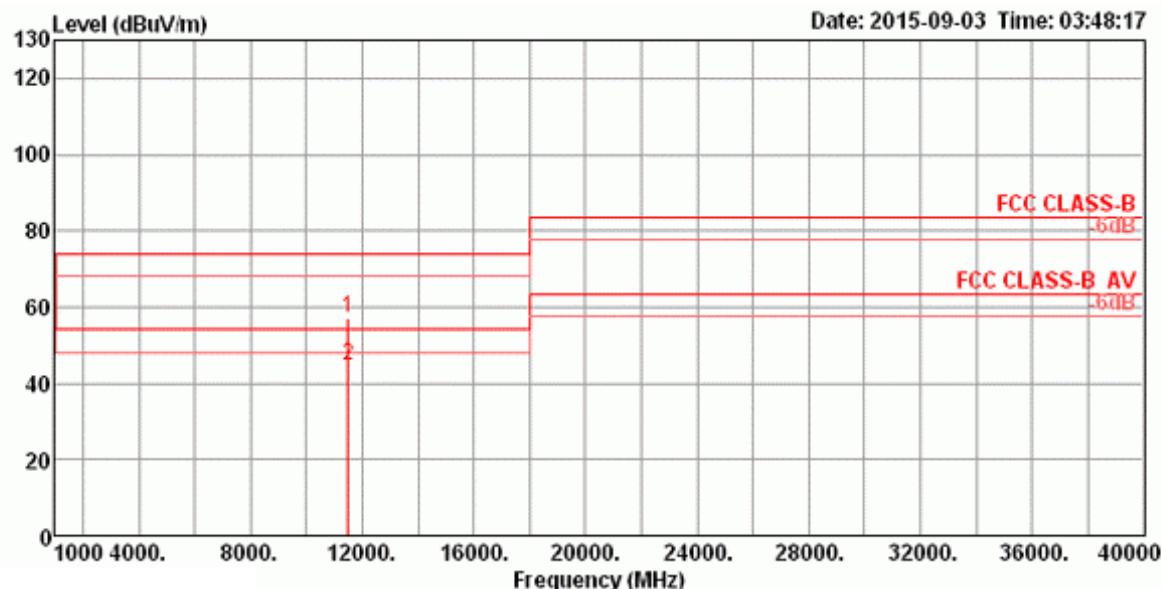
**Vertical**


Freq	Level	Limit		Over Line 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	15715.22	46.17	54.00	-7.83	29.64	12.57	37.84	33.88	162	103	Average	VERTICAL
2	15718.77	60.86	74.00	-13.14	44.33	12.57	37.84	33.88	162	103	Peak	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 149 / Chain 9

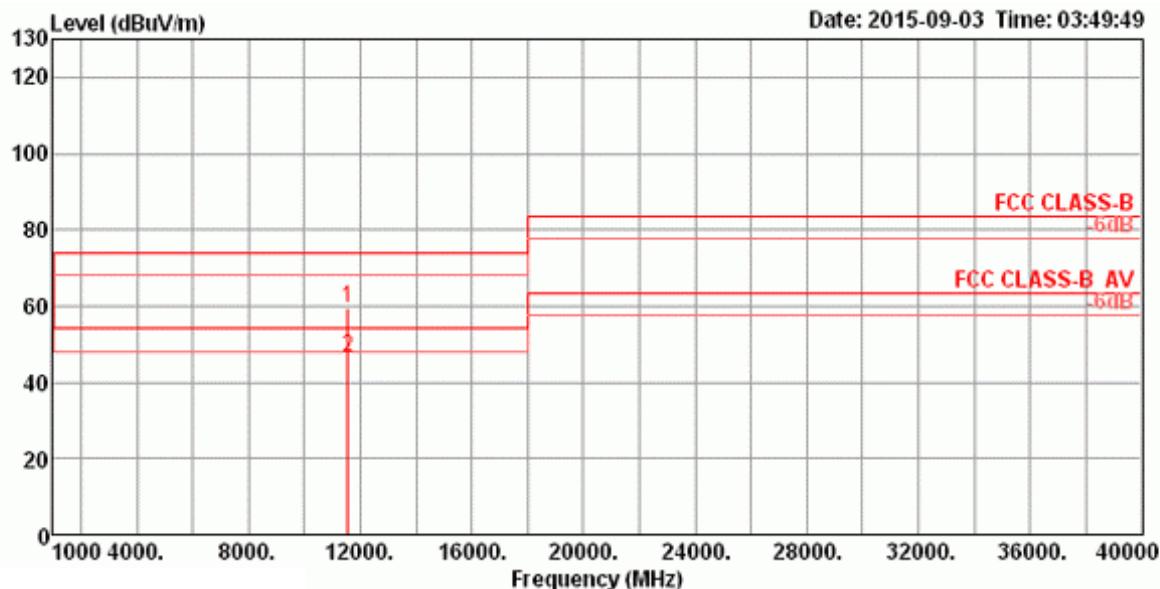
**Horizontal**


Freq	Level	Limit		Over Line Limit	Read Level	Cable Antenna			Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11491.85	56.65	74.00	-17.35	40.43	10.71	38.88	33.37	141	327	Peak	HORIZONTAL	
2	11494.96	44.49	54.00	-9.51	28.26	10.72	38.88	33.37	141	327	Average	HORIZONTAL	

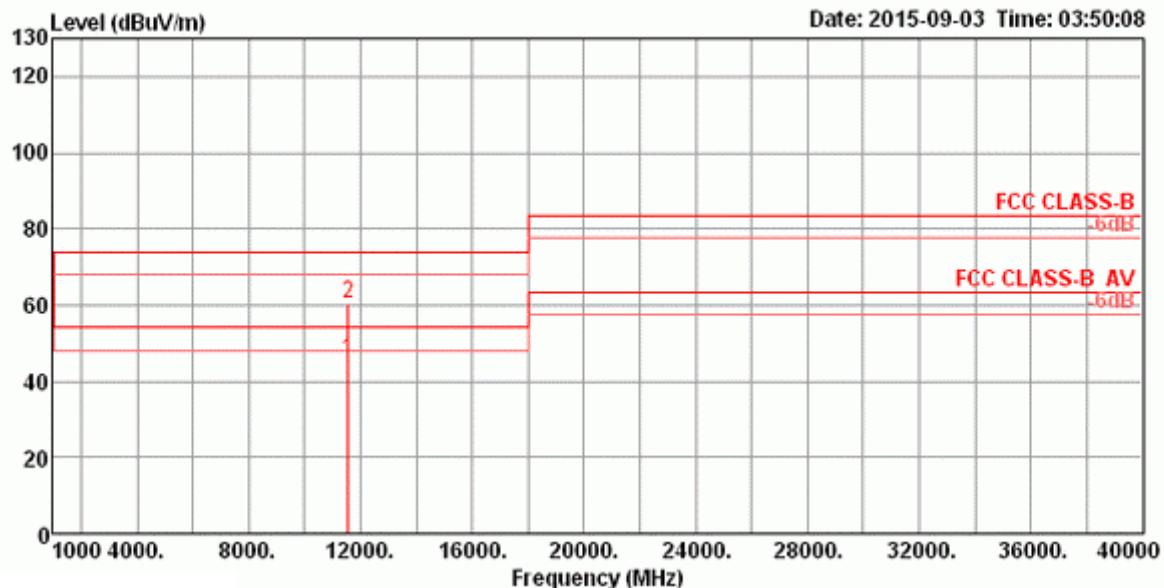
**Vertical**


Freq	Level	Limit		Over Limit	Read Level	Cable		Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
		Line	m			dB	dBuV			dB	dB/m		
1	11485.49	56.92	74.00	-17.08	40.70	10.71	38.88	33.37	177	307	Peak		VERTICAL
2	11492.07	44.41	54.00	-9.59	28.19	10.71	38.88	33.37	177	307	Average		VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 157 / Chain 9

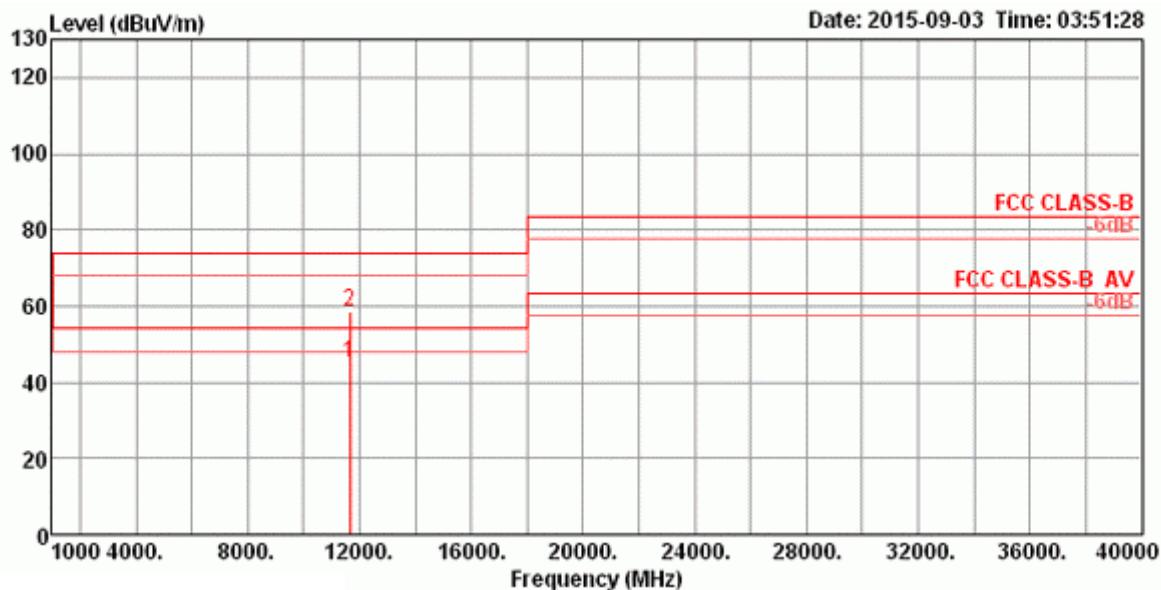
**Horizontal**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	cm	deg		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB				
1	11572.76	59.29	74.00	-14.71	42.98	10.76	38.94	33.39	153	302 Peak	HORIZONTAL
2	11574.91	46.66	54.00	-7.34	30.35	10.76	38.94	33.39	153	302 Average	HORIZONTAL

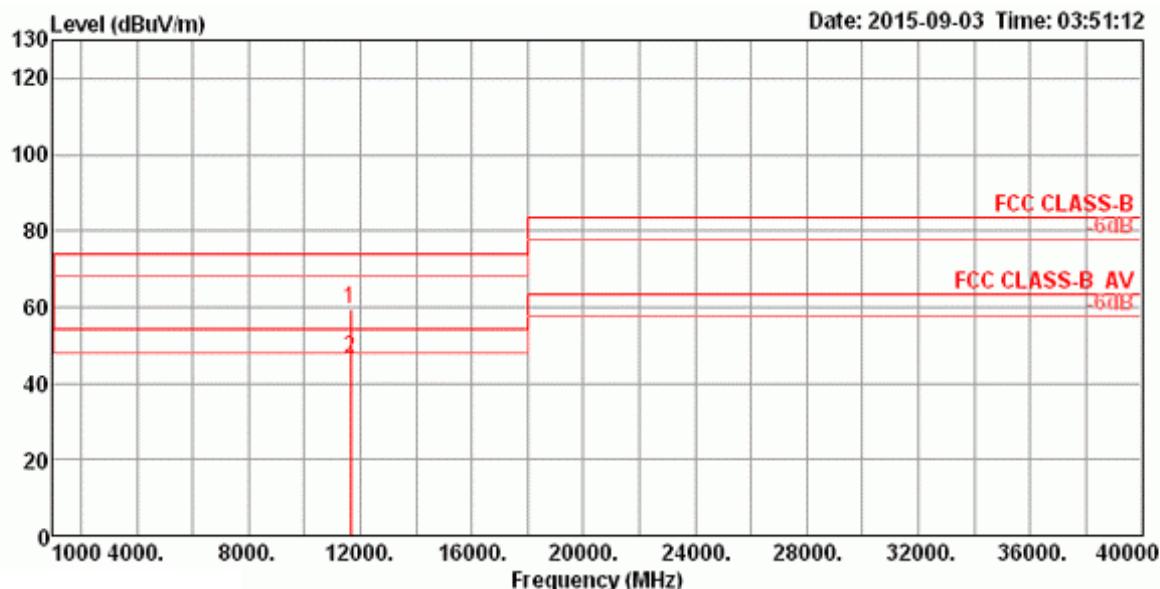
**Vertical**


Freq	Level	Limit		Over Line 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	deg			
1	11571.00	45.65	54.00	-8.35	29.34	10.76	38.94	33.39	162	321	Average	VERTICAL
2	11571.52	60.36	74.00	-13.64	44.05	10.76	38.94	33.39	162	321	Peak	VERTICAL

<b>Temperature</b>	26°C	<b>Humidity</b>	57%
<b>Test Engineer</b>	Roki Liu	<b>Configurations</b>	IEEE 802.11ac MCS0/Nss1 VHT20 CH 165 / Chain 9

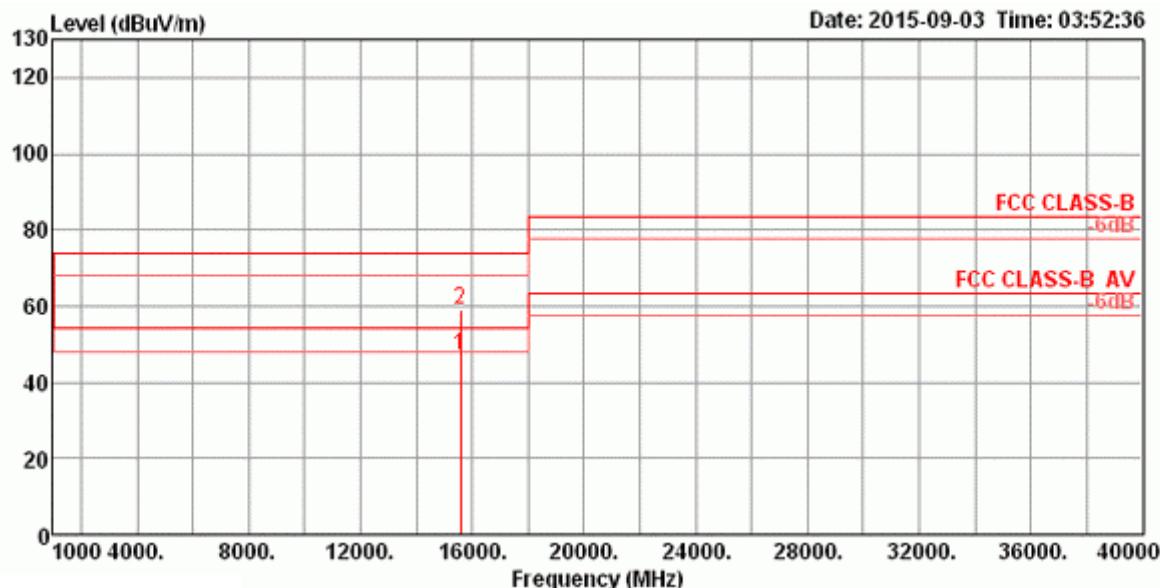
**Horizontal**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	cm	deg		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	11645.77	45.10	54.00	-8.90	28.73	10.79	38.98	33.40	162	252 Average	HORIZONTAL
2	11650.64	58.36	74.00	-15.64	41.97	10.81	38.99	33.41	162	252 Peak	HORIZONTAL

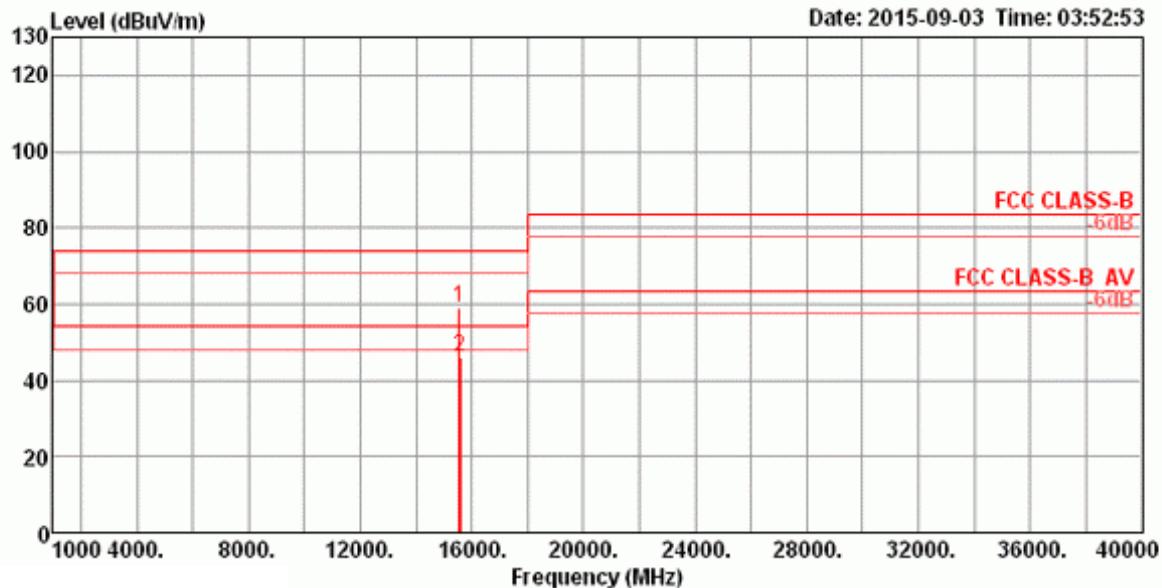
*Vertical*


Freq	Level	Limit		Over Limit	Read Level	Cable		Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
		Line	m			dB	dBuV			dB	dB/m		
1	11647.48	59.71	74.00	-14.29	43.33	10.81	38.98	33.41	168	275	Peak		VERTICAL
2	11650.00	46.38	54.00	-7.62	30.00	10.81	38.98	33.41	168	275	Average		VERTICAL

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

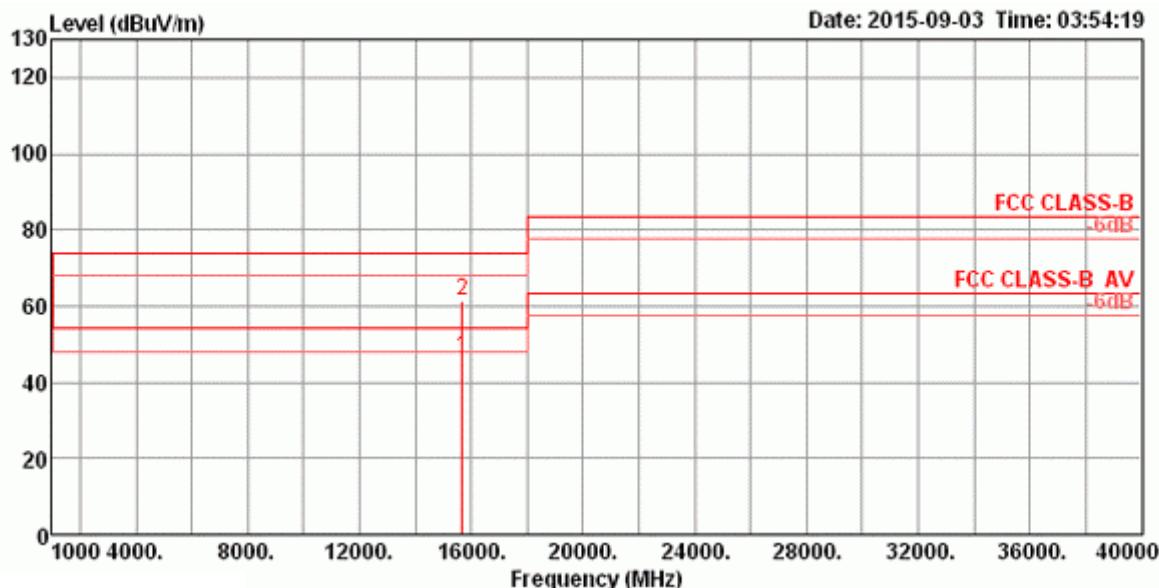
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable		Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
		Line	dB			dBuV	dB			cm	deg		
1	15568.09	47.01	54.00	-6.99	30.07	12.58	38.09	33.73	141	207	Average	HORIZONTAL	
2	15571.91	59.22	74.00	-14.78	42.28	12.58	38.09	33.73	141	207	Peak	HORIZONTAL	

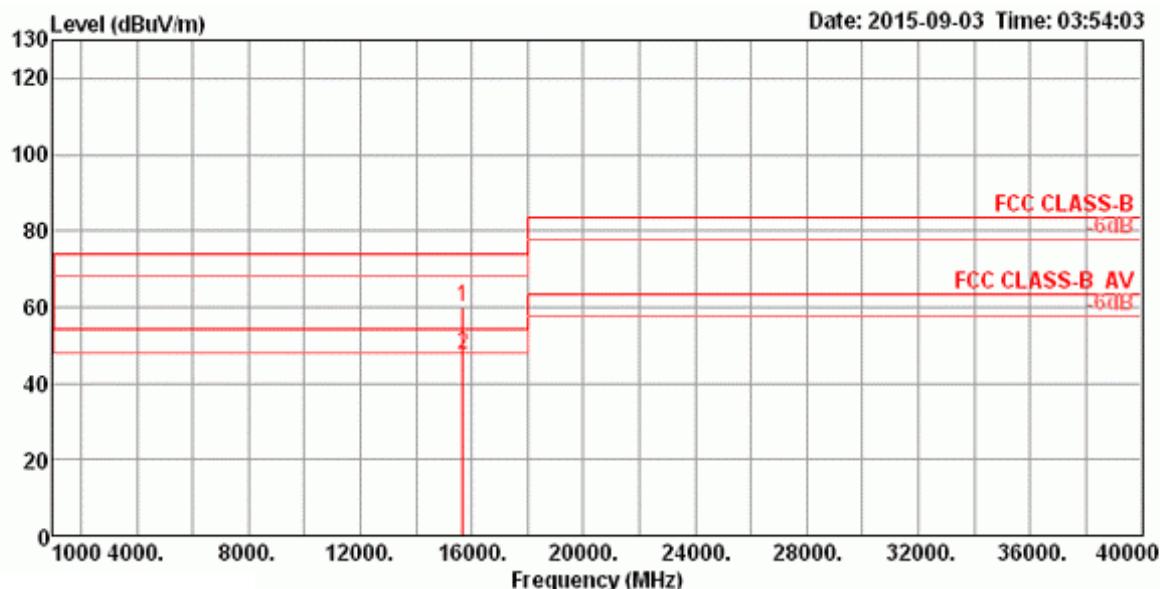
*Vertical*


Freq	Level	Limit		Over Limit	Read Level	Cable		Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
		Line	dBuV/m			dB	dBuV						
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB	dB/m	dB	cm	deg			
1 15565.80	59.09	74.00	-14.91	42.15	12.58	38.09	33.73	153	185	Peak		VERTICAL	
2 15574.21	45.99	54.00	-8.01	29.07	12.58	38.09	33.75	153	185	Average		VERTICAL	

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

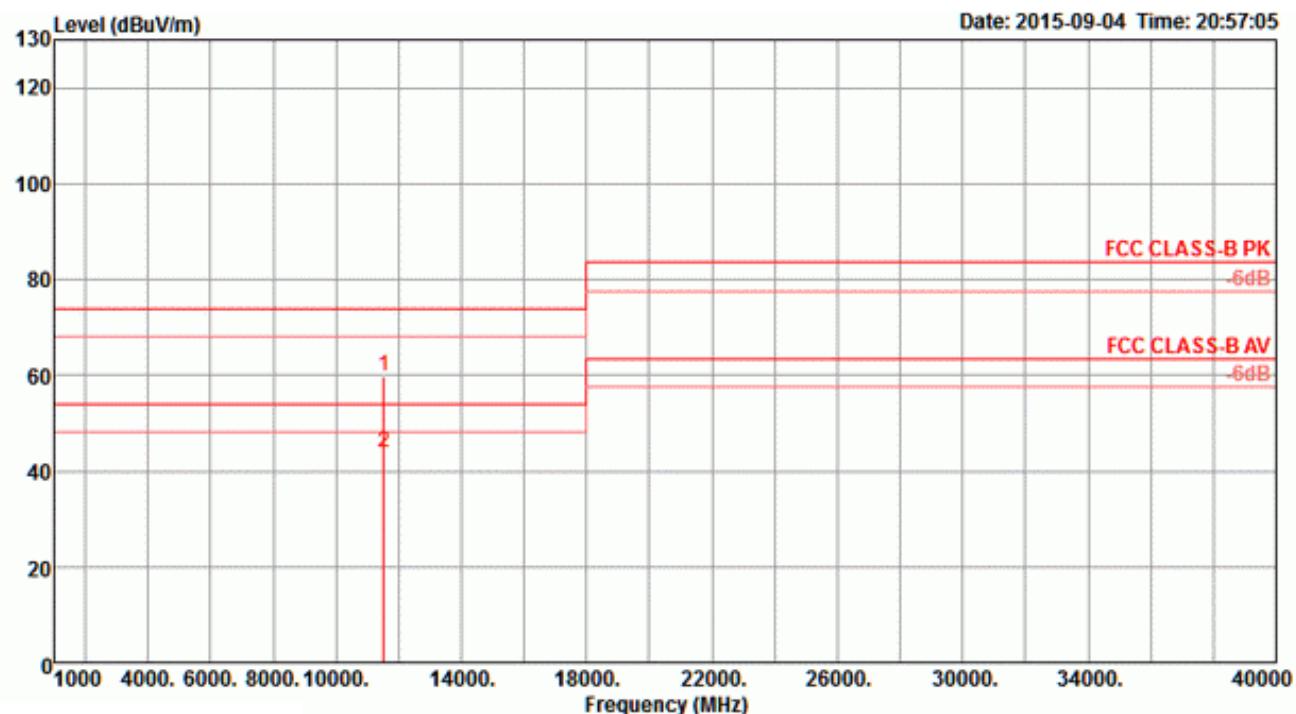
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable		Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
		Line	dB			dBuV	dB			cm	deg		
MHz	dBuV/m	dBuV/m	dB										
1 15688.22	46.42	54.00	-7.58	29.79	12.58	37.90	33.85	132	149	Average	HORIZONTAL		
2 15690.64	61.62	74.00	-12.38	44.99	12.58	37.90	33.85	132	149	Peak	HORIZONTAL		

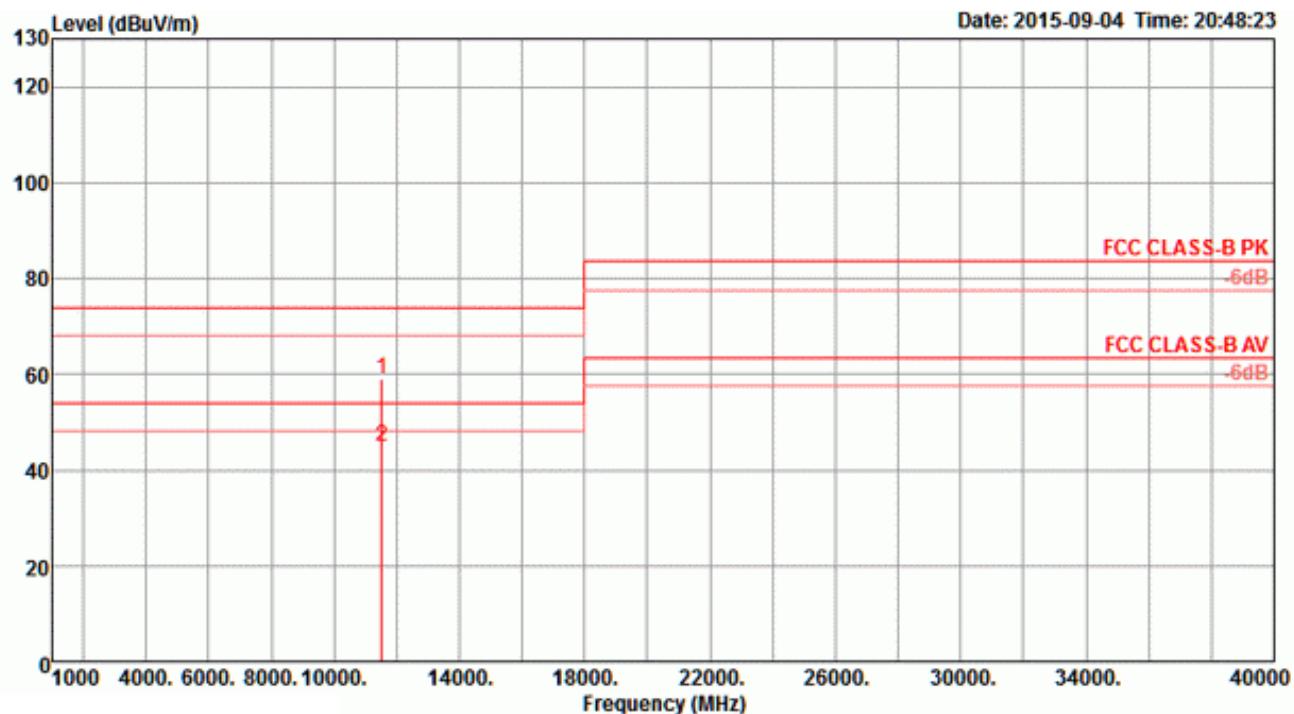
*Vertical*


Freq	Level	Limit		Over Limit	Read Level	Cable		Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
		Line	m			dB	dBuV						
MHz	dBuV/m	dBuV/m											
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	

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

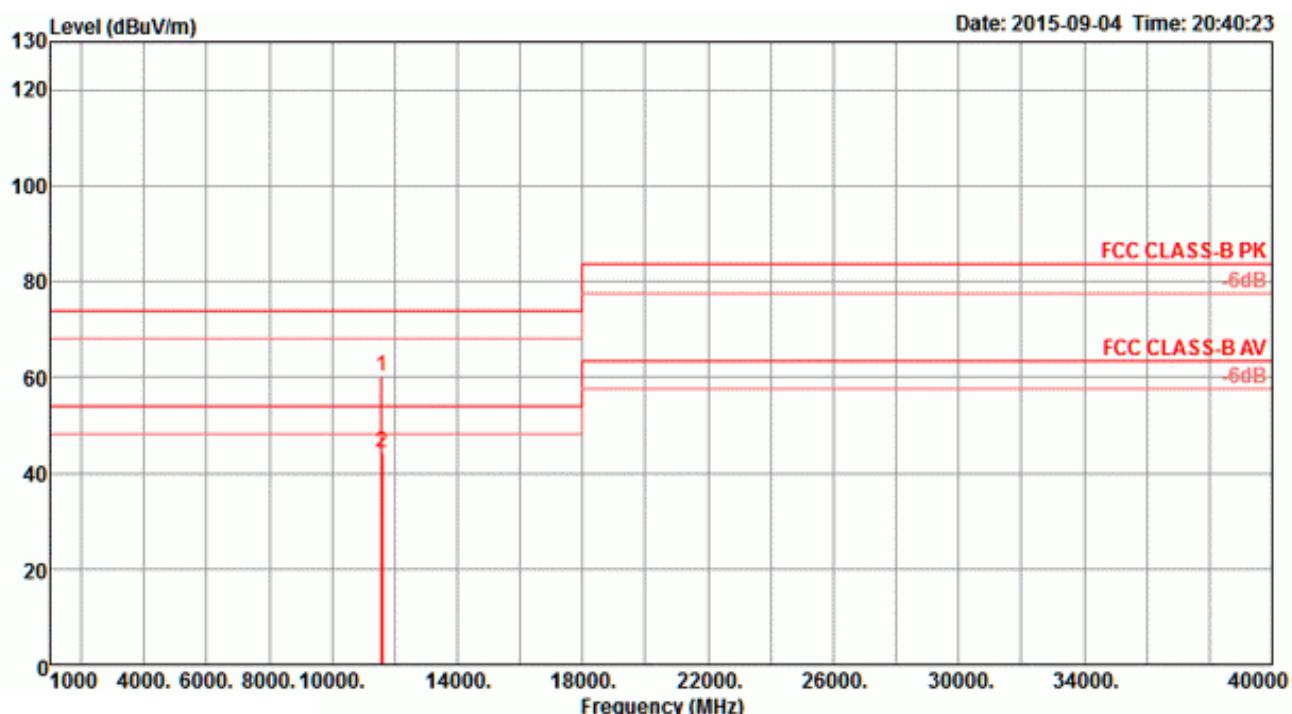
**Horizontal**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	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

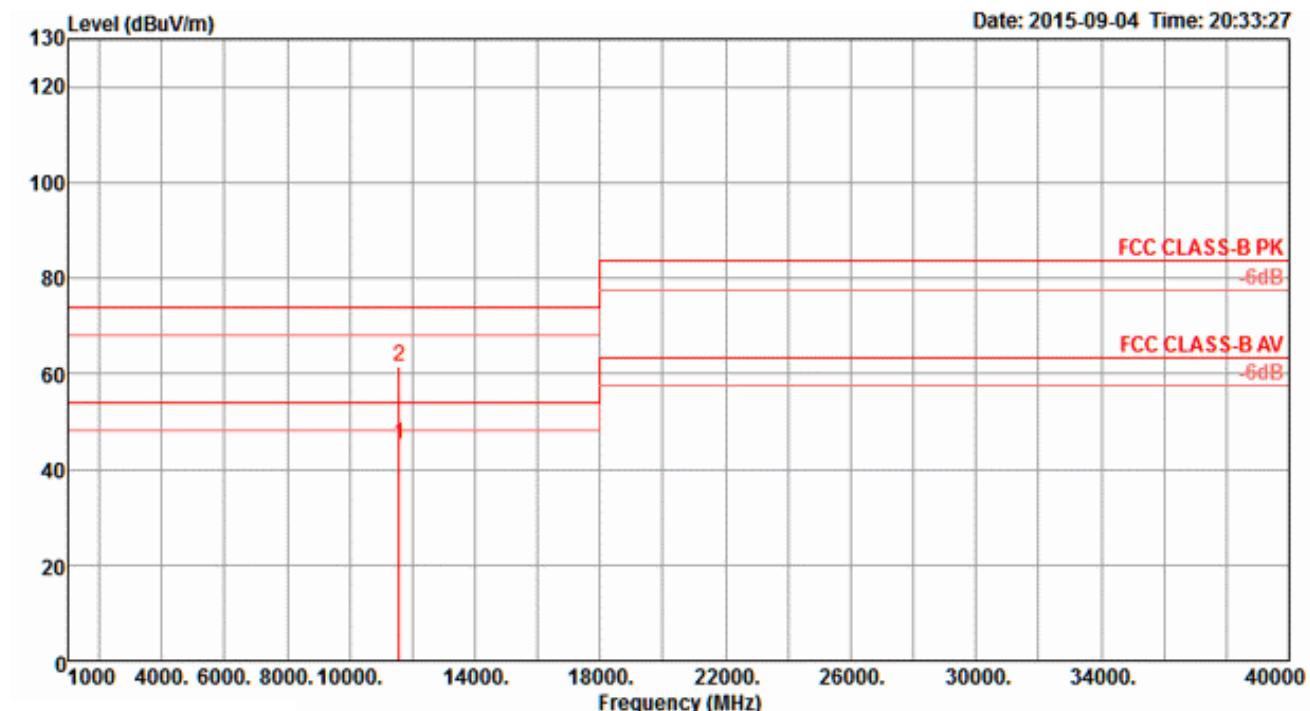
**Vertical**


	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

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

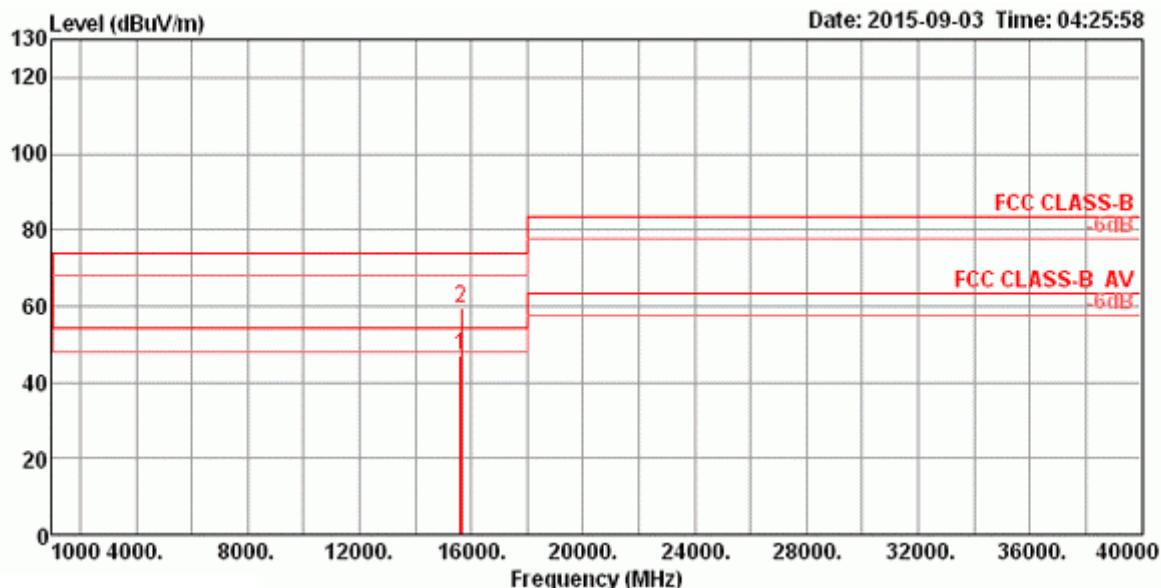
**Horizontal**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	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

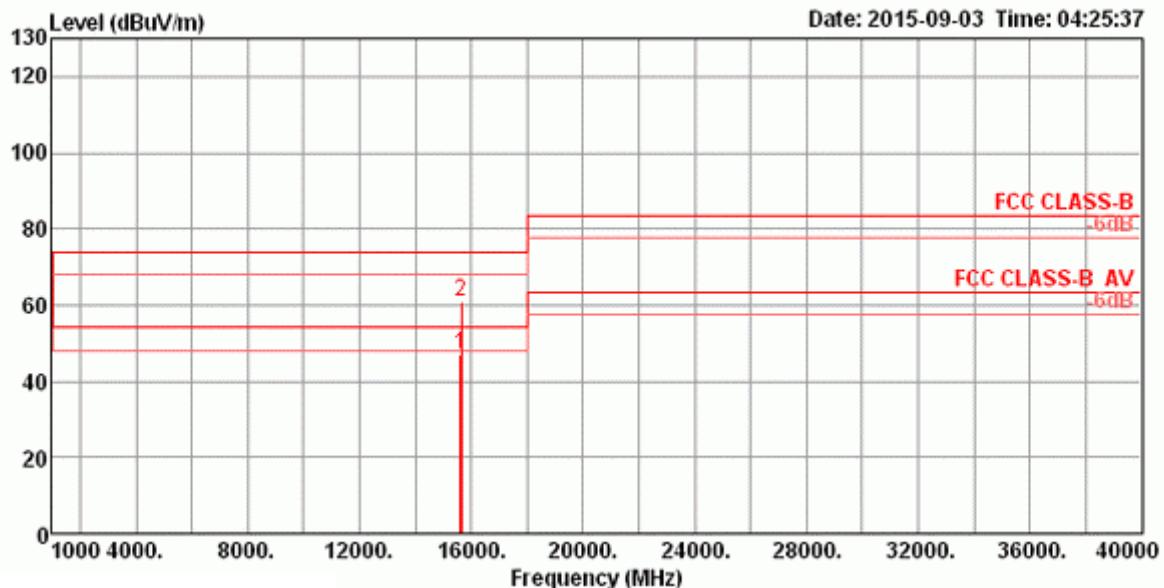
*Vertical*


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	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

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

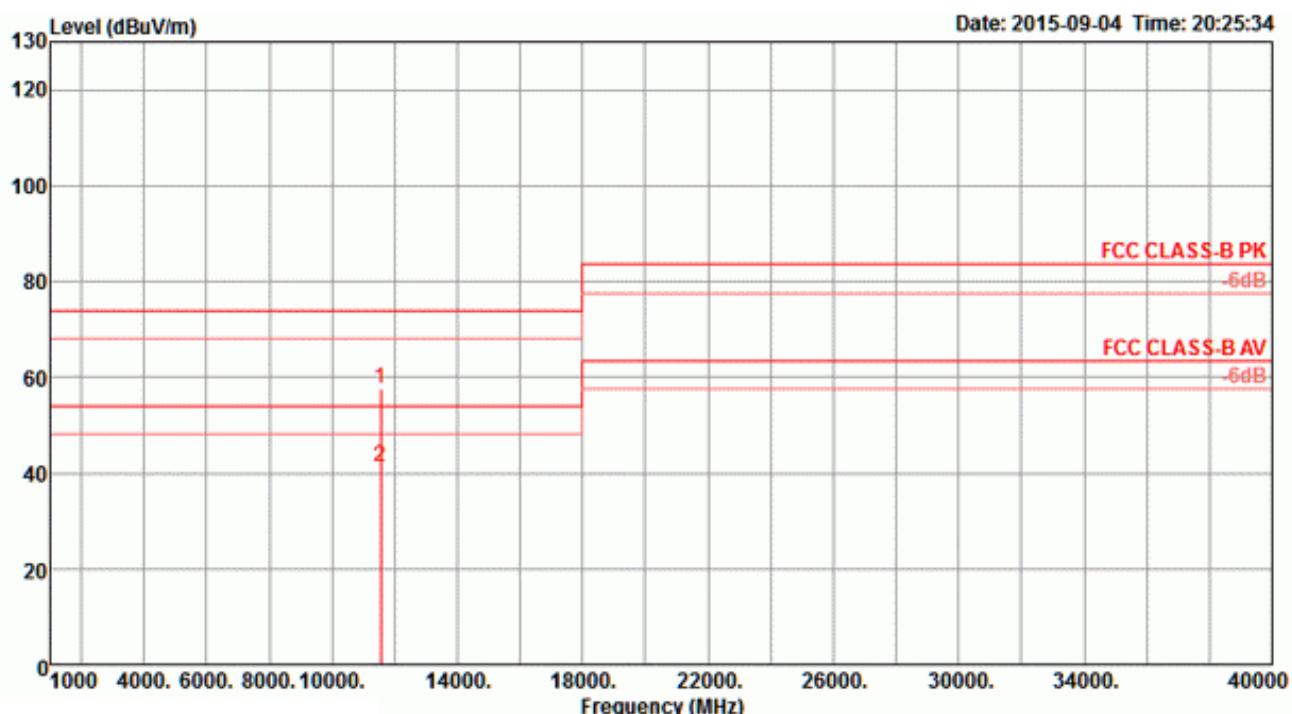
**Horizontal**


Freq	Level	Limit		Over Limit	Read Level	Cable		Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
		Line	dB			dBuV	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	

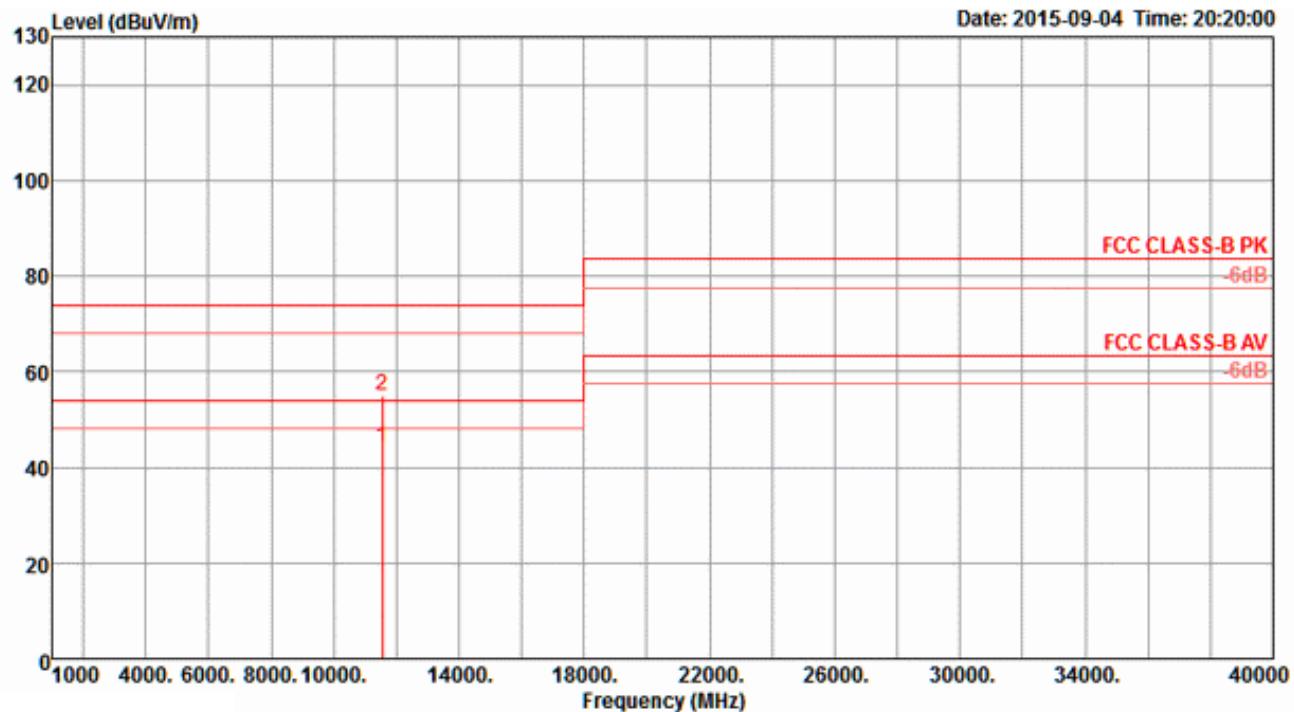
**Vertical**


Freq	Level	Limit		Over Line Limit	Read Level	Cable Antenna		Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
		MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m				
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

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

**Horizontal**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	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	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/u	Factor	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

##### <For Non-beamforming Mode>

The EUT was programmed to be in continuously transmitting mode.

##### <For Beamforming Mode>

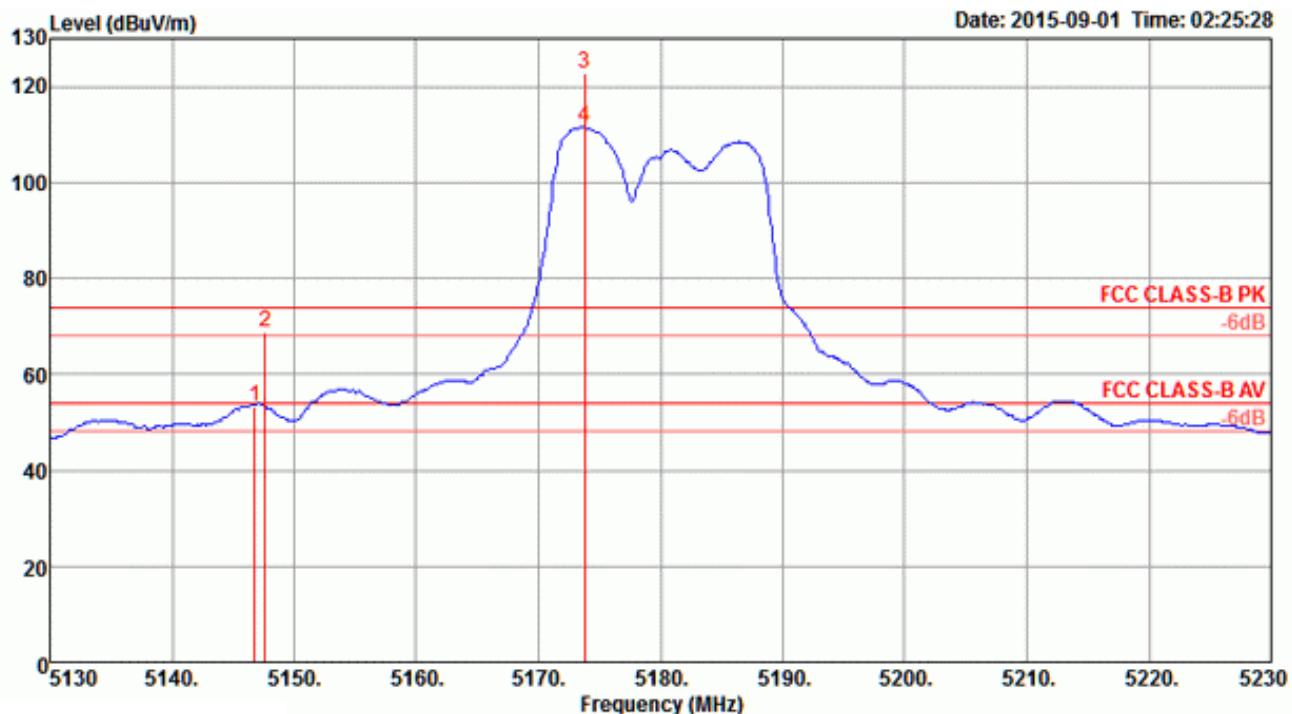
The EUT was programmed to be in beamforming transmitting mode.

#### 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

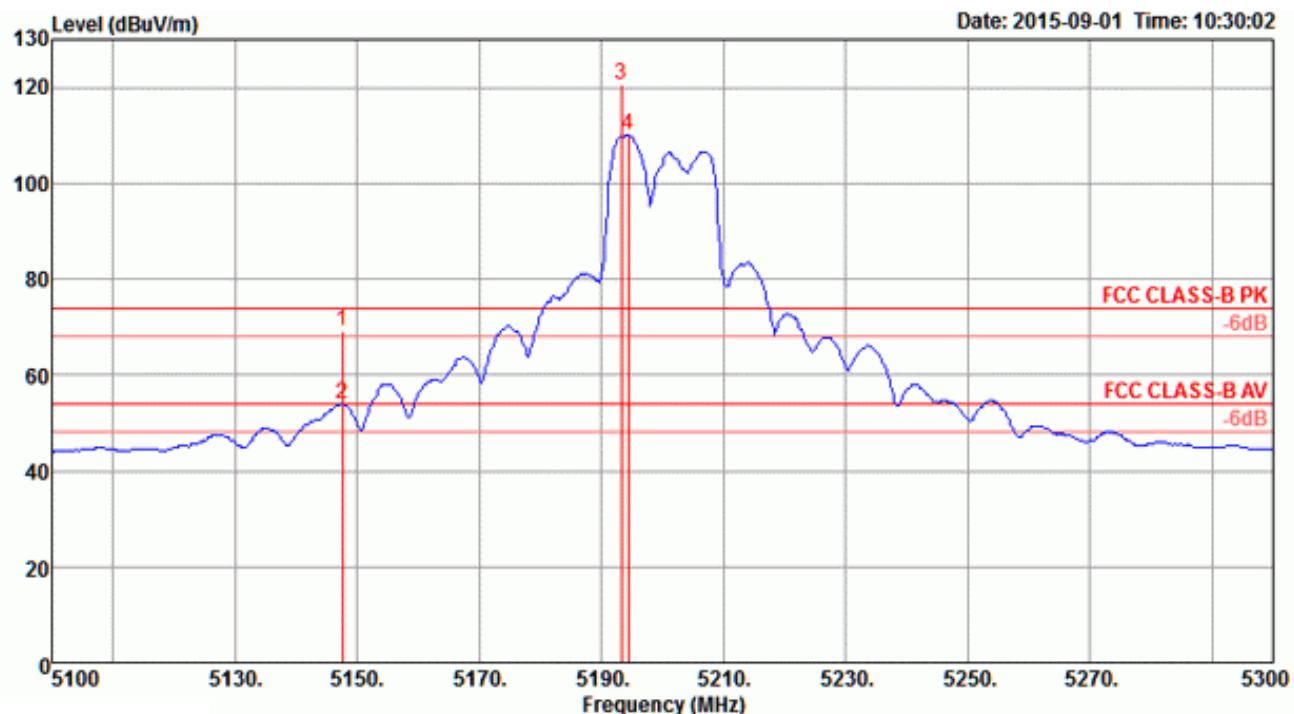


Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5146.80	53.39	54.00	-0.61	50.33	4.26	33.27	34.47	39	179 Average	HORIZONTAL
2	5147.60	68.78	74.00	-5.22	65.72	4.26	33.27	34.47	39	179 Peak	HORIZONTAL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

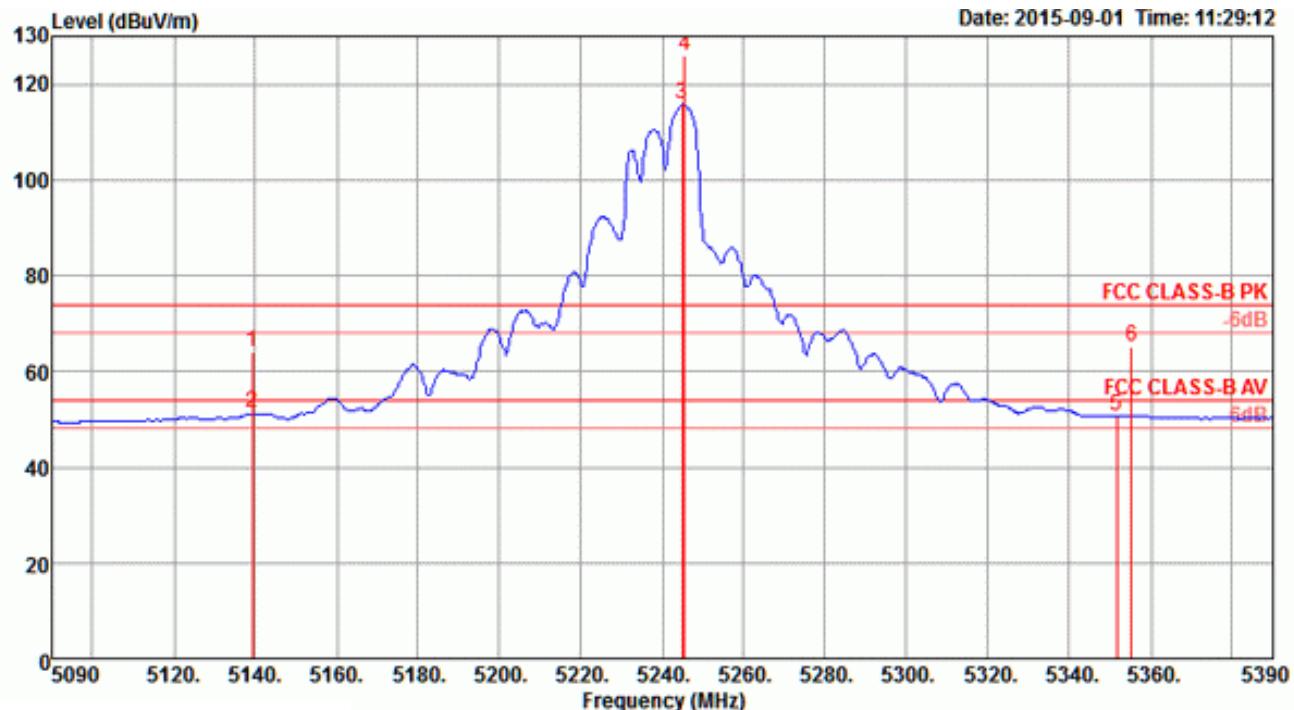


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	Factor	dB	deg	Cm	
1	5147.60	69.10	74.00	-4.90	66.04	4.26	33.27	34.47	38	172	Peak	HORIZONTAL
2	5147.60	53.79	54.00	-0.21	50.73	4.26	33.27	34.47	38	172	Average	HORIZONTAL
3	5193.20	120.52			117.35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

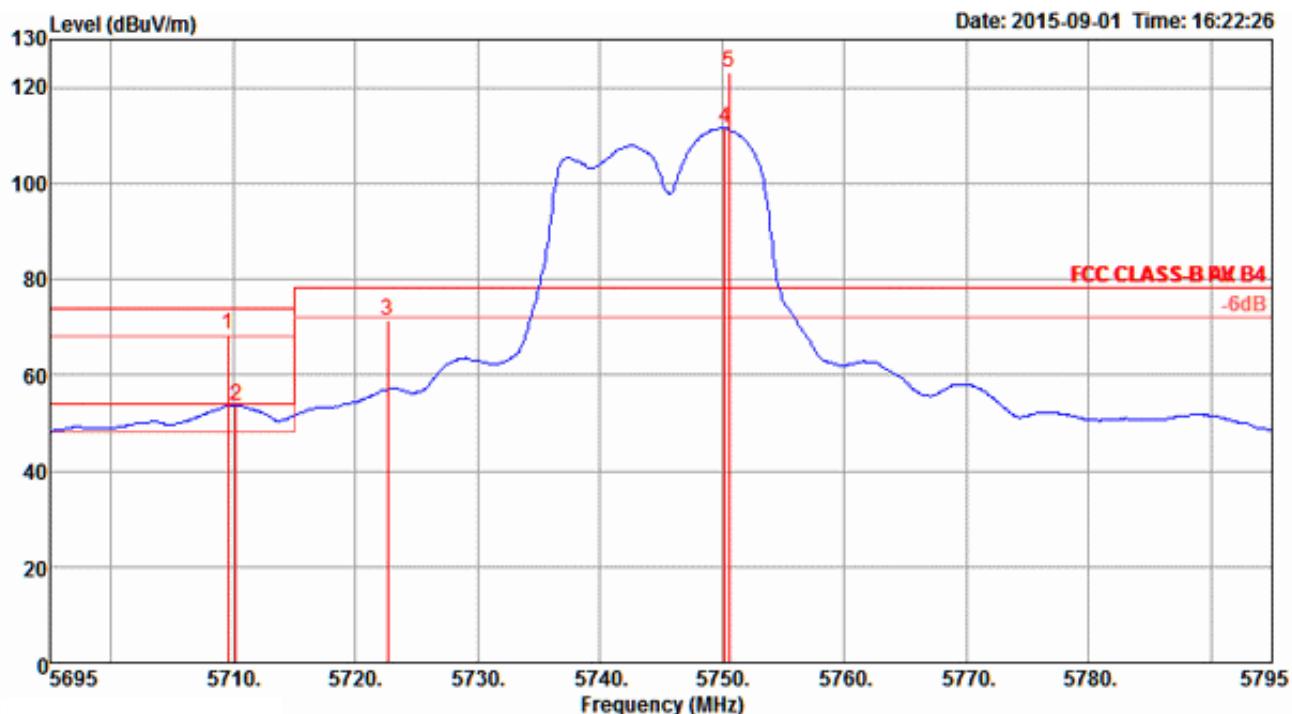


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5139.20	64.19	74.00	-9.81	61.17	4.25	33.24	34.47	305	215	Peak	HORIZONTAL
2	5139.20	51.37	54.00	-2.63	48.35	4.25	33.24	34.47	305	215	Average	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

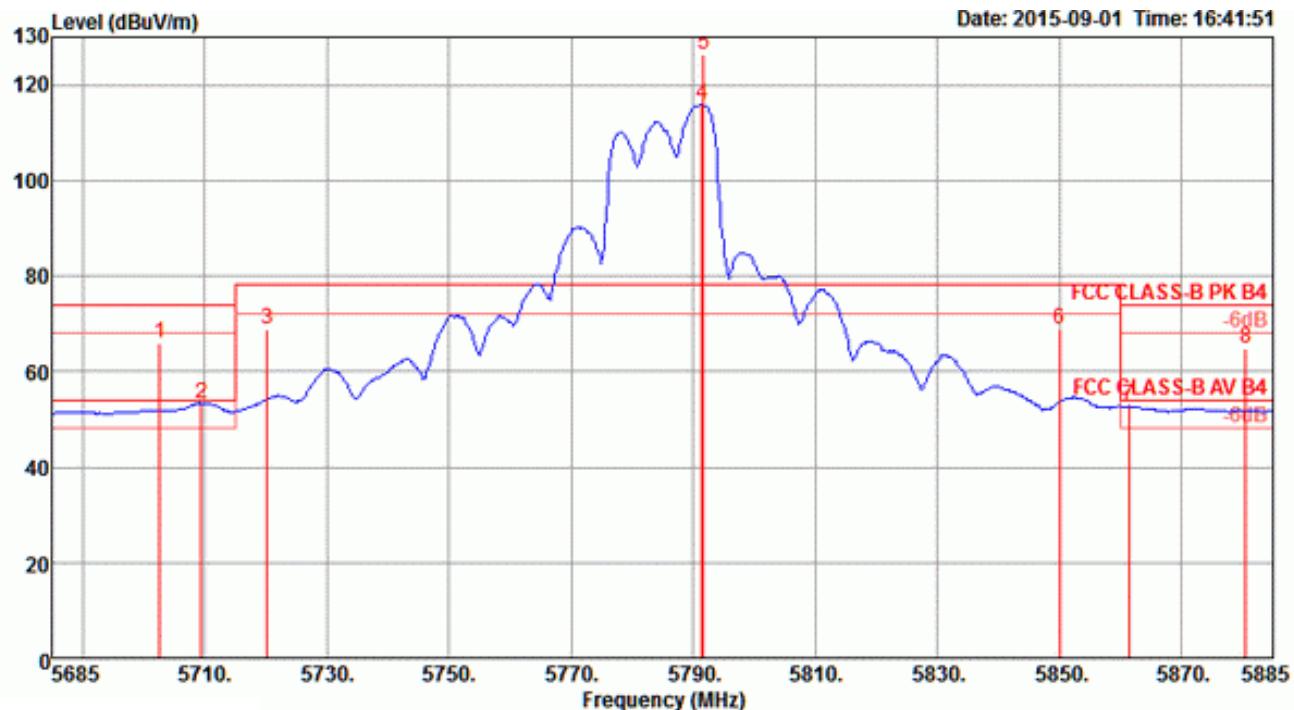
**Channel 149**

Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	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

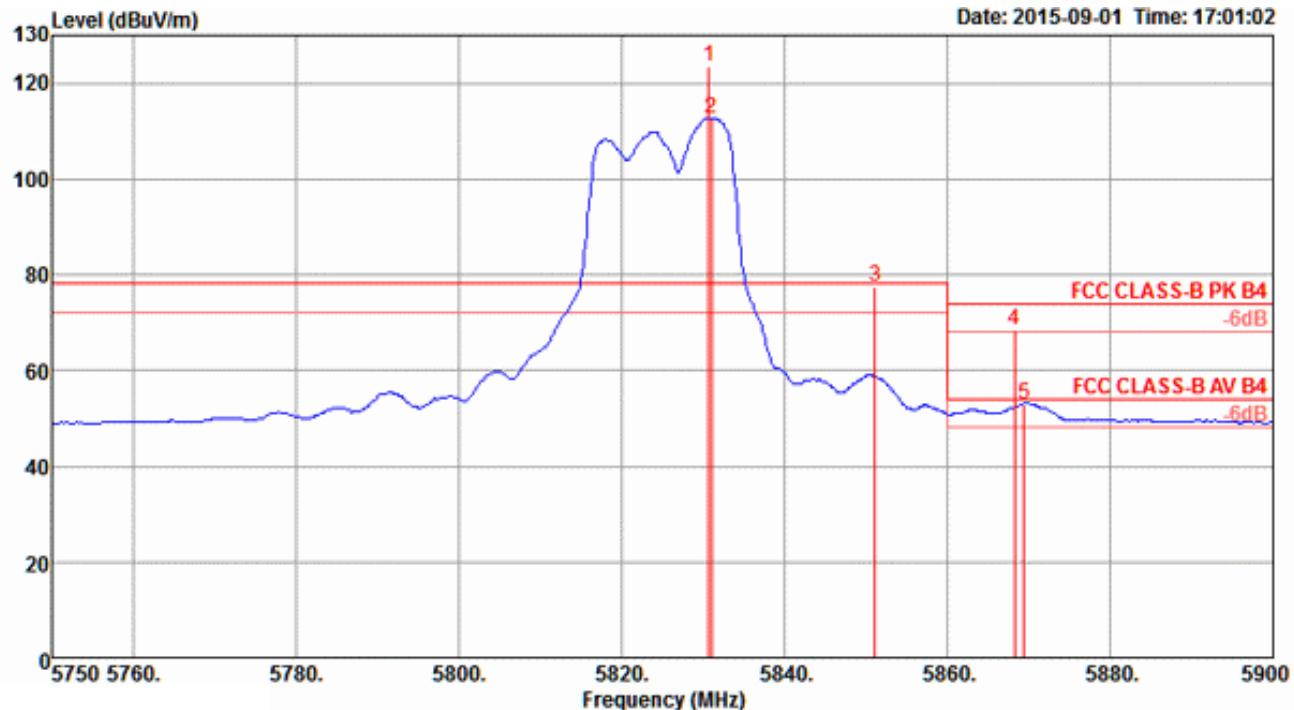


Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss Factor	Factor	deg	cm			
1 5702.60	65.87	74.00	-8.13	61.37	4.49	34.52	34.51	309	170	Peak	HORIZONTAL
2 5709.40	53.26	54.00	-0.74	48.76	4.49	34.52	34.51	309	170	Average	HORIZONTAL
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

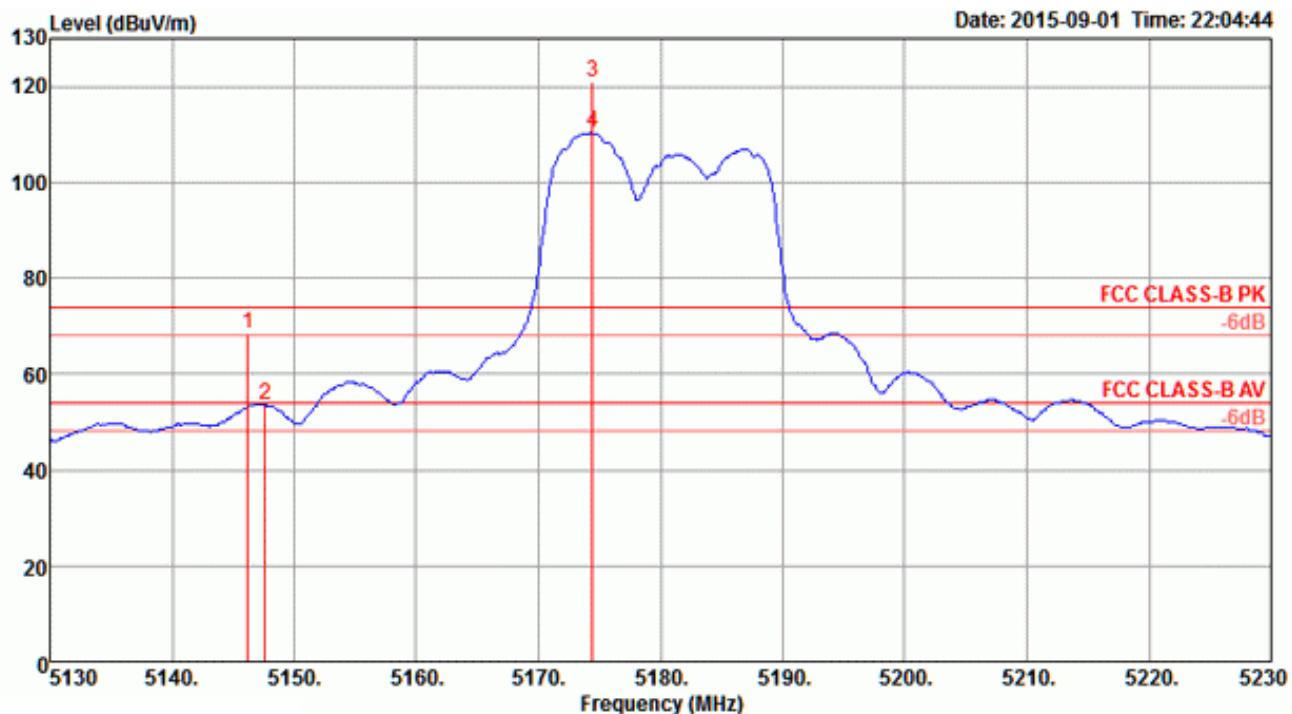


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5830.70	123.38			118.50	4.53	34.88	34.53	310	188 Peak	HORIZONTAL
2	5831.00	112.67			107.79	4.53	34.88	34.53	310	188 Average	HORIZONTAL
3	5851.10	77.67	78.20	-0.53	72.74	4.54	34.93	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.

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

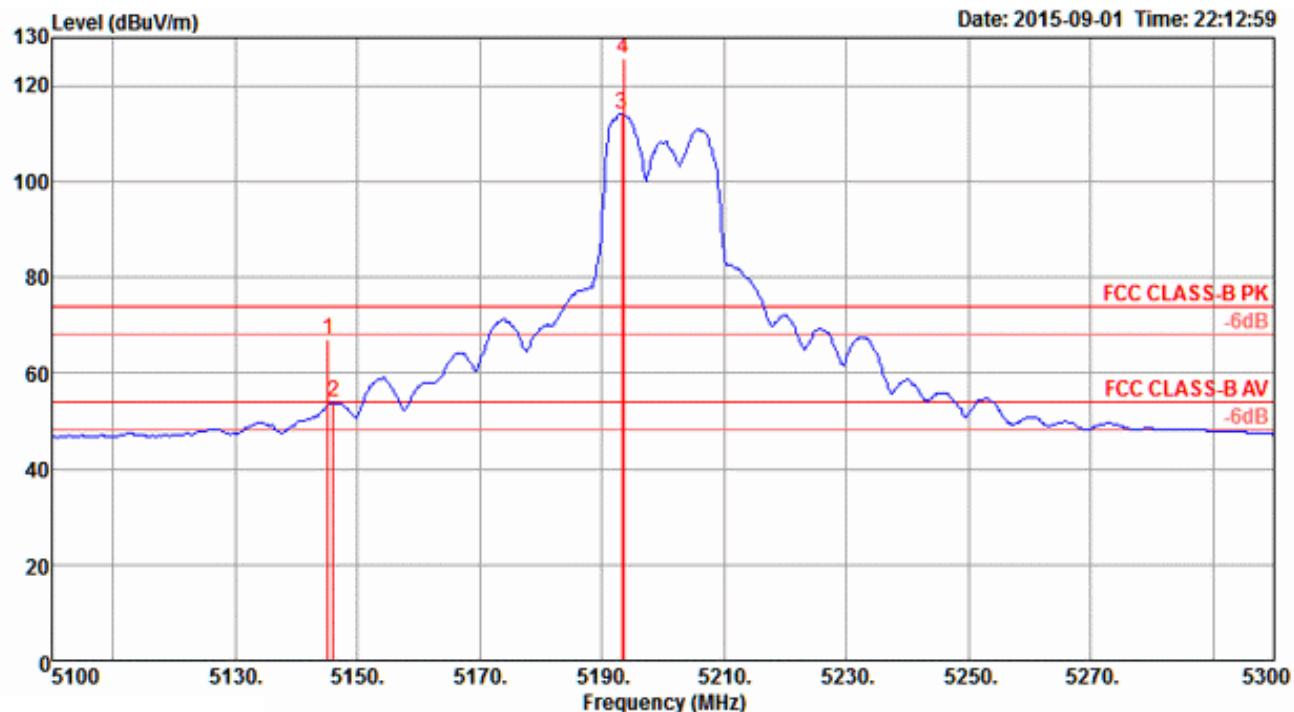
**Channel 36**


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Line	Limit	Level						
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

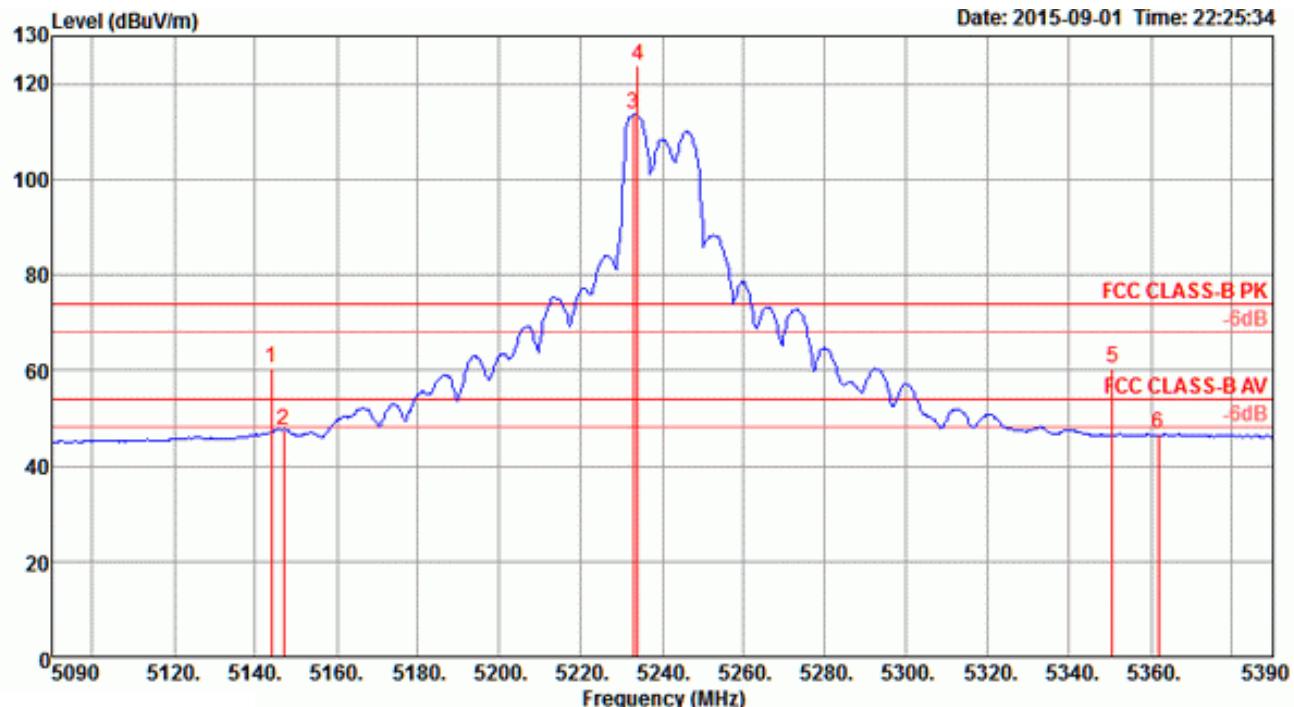


Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	cm		
1 5145.20	66.88	74.00	-7.12	63.82	4.26	33.27	34.47	43	185	Peak	HORIZONTAL
2 5146.00	53.82	54.00	-0.18	50.76	4.26	33.27	34.47	43	185	Average	HORIZONTAL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



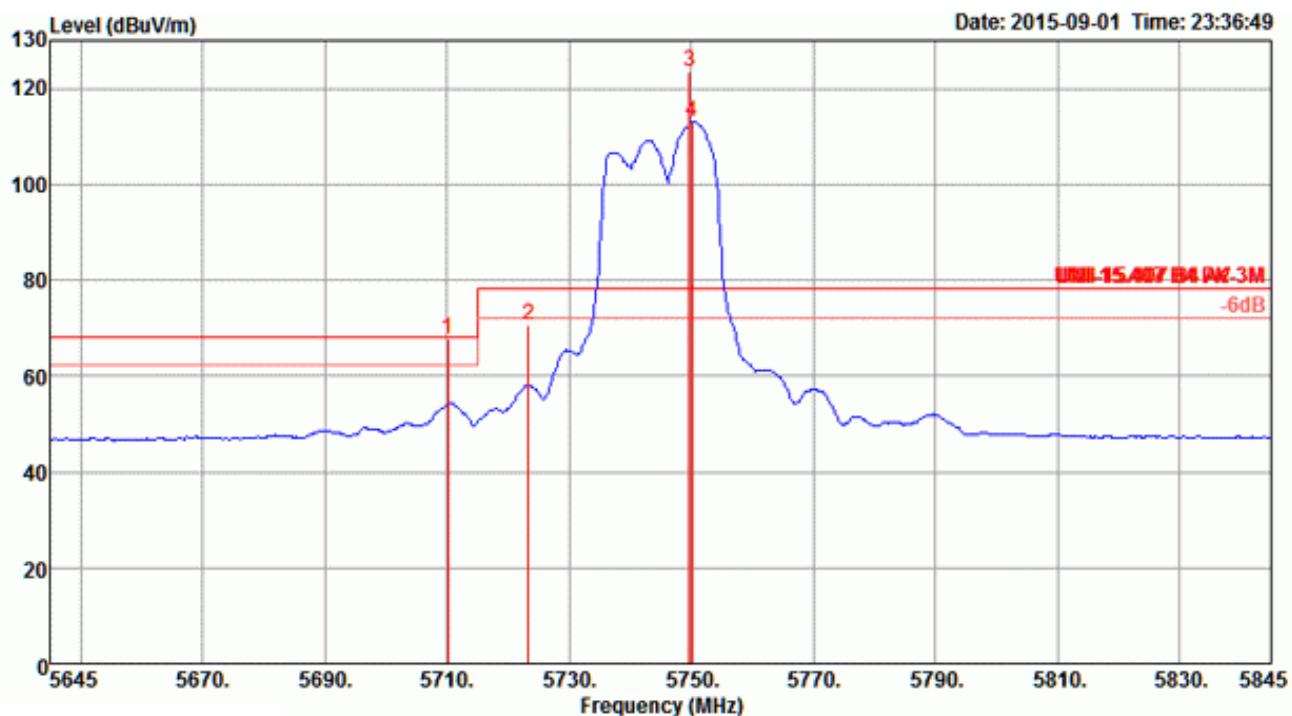
Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss Factor	Factor	deg	cm			
1 5144.00	60.31	74.00	-13.69	57.25	4.26	33.27	34.47	47	182	Peak	HORIZONTAL
2 5147.00	47.56	54.00	-6.44	44.50	4.26	33.27	34.47	47	182	Average	HORIZONTAL
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

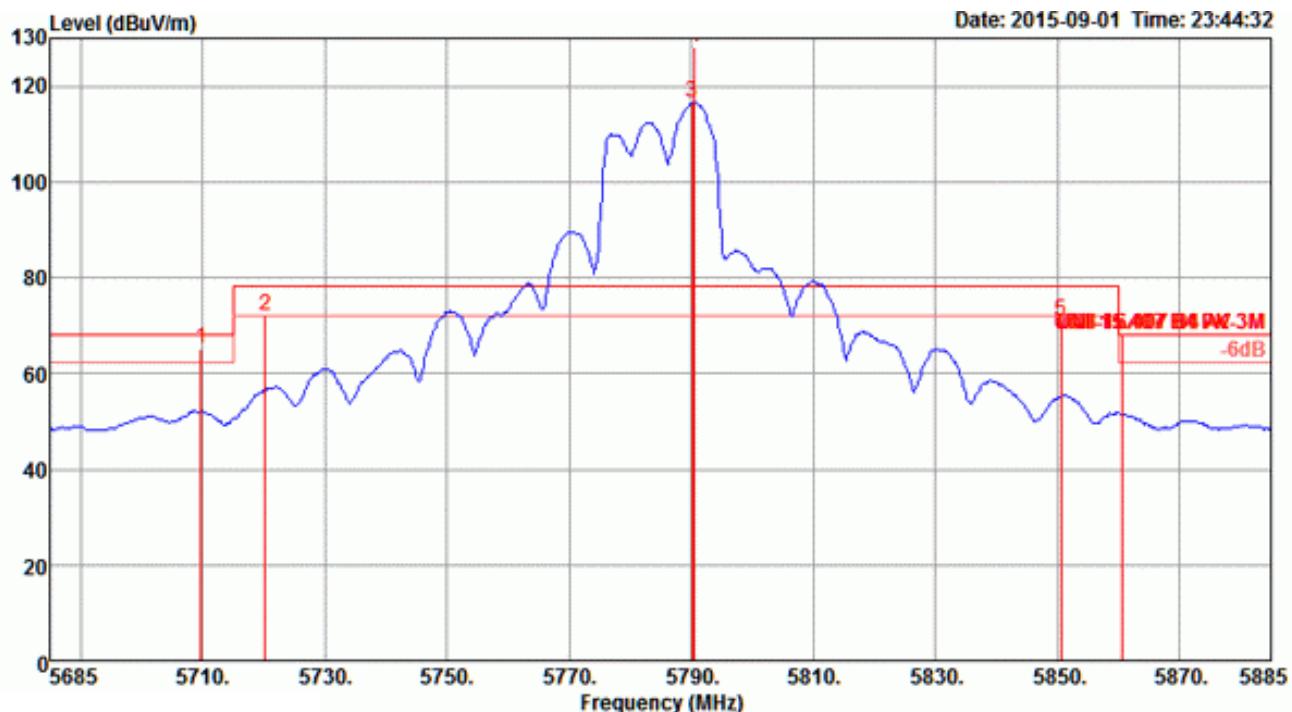


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5710.20	67.84	68.20	-0.36	63.34	4.49	34.52	34.51	310	183 Peak	HORIZONTAL
2	5723.40	70.77	78.20	-7.43	66.21	4.50	34.57	34.51	310	183 Peak	HORIZONTAL
3	5749.80	123.57			118.97	4.50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

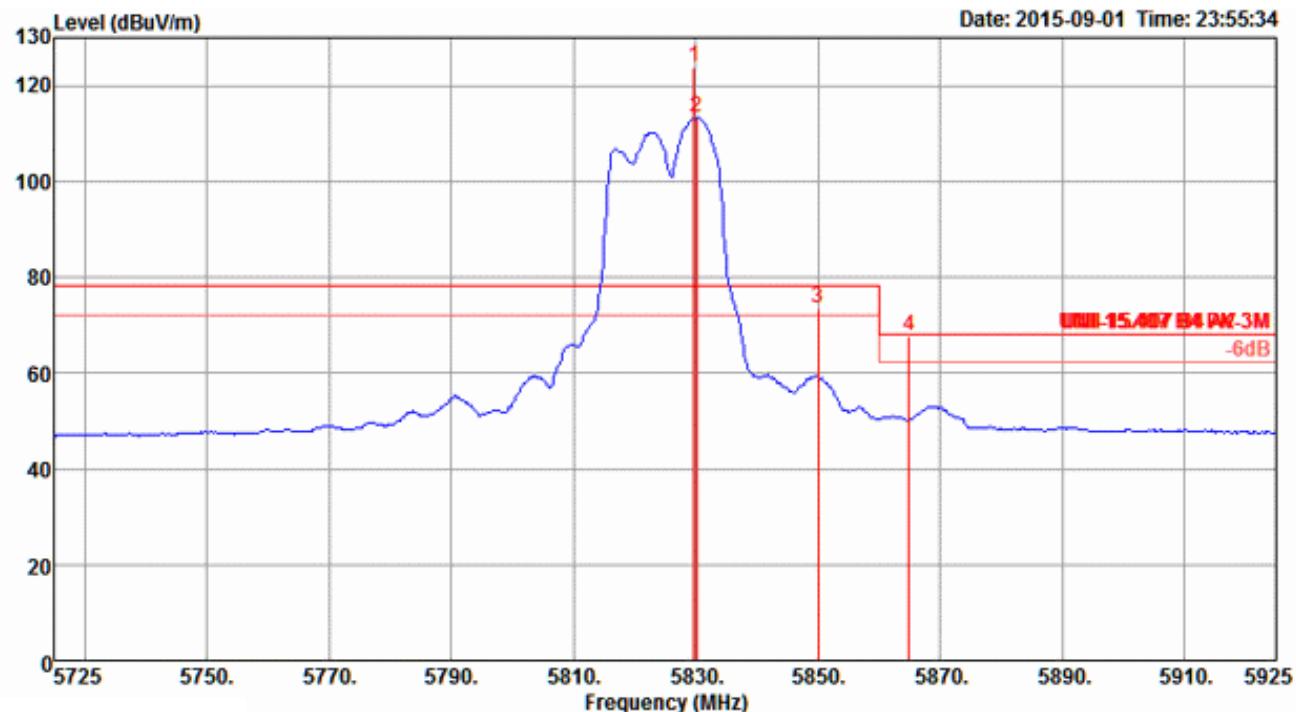
### Channel 157



	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.

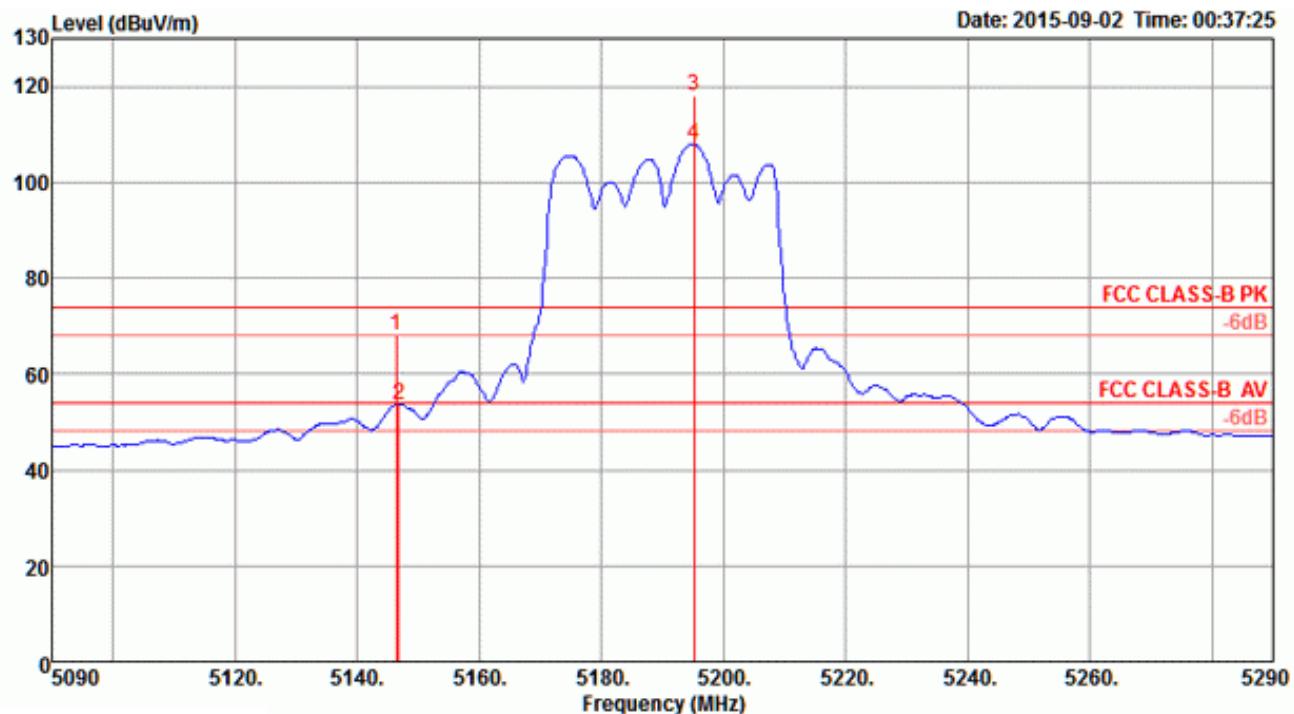
**Channel 165**


Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	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.

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

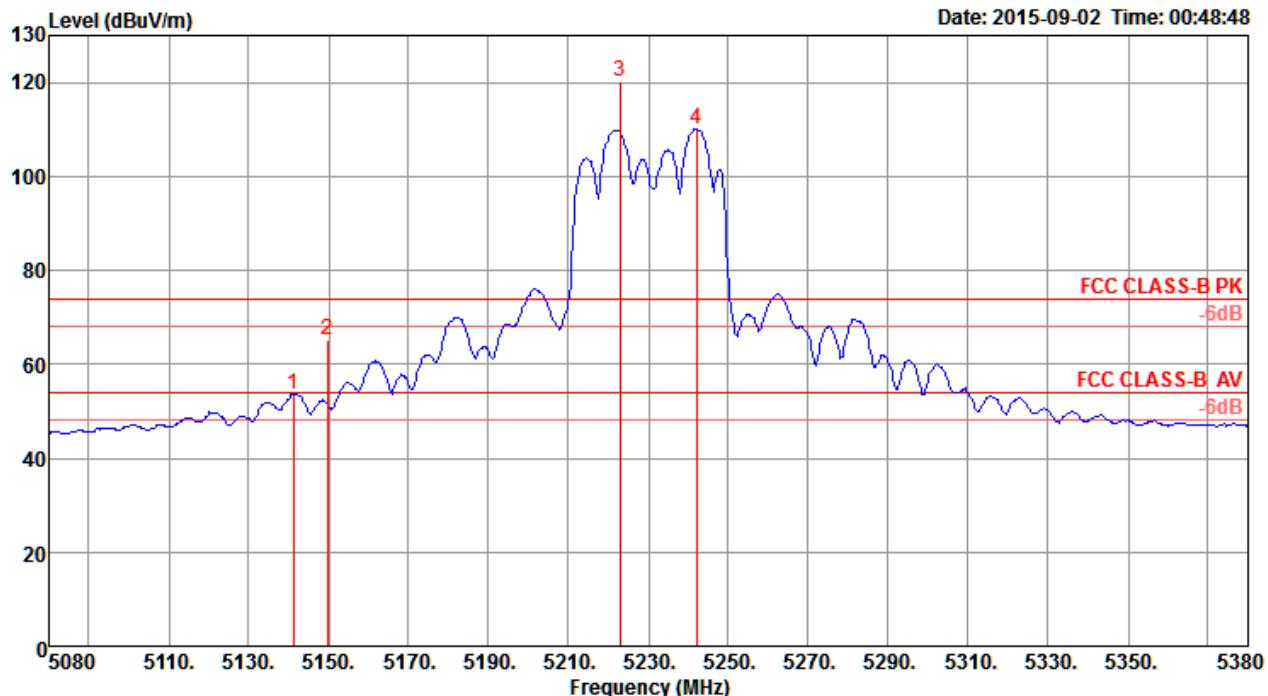
**Channel 38**


Freq MHz	Level dBuV/m	Limit Line dB	Over Limit dB	Read Level dBuV	Cable	Antenna	Preamplifier	T/Pos dB	A/Pos deg	Remark	Pol/Phase
					Loss Factor	Factor	dB/m				
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

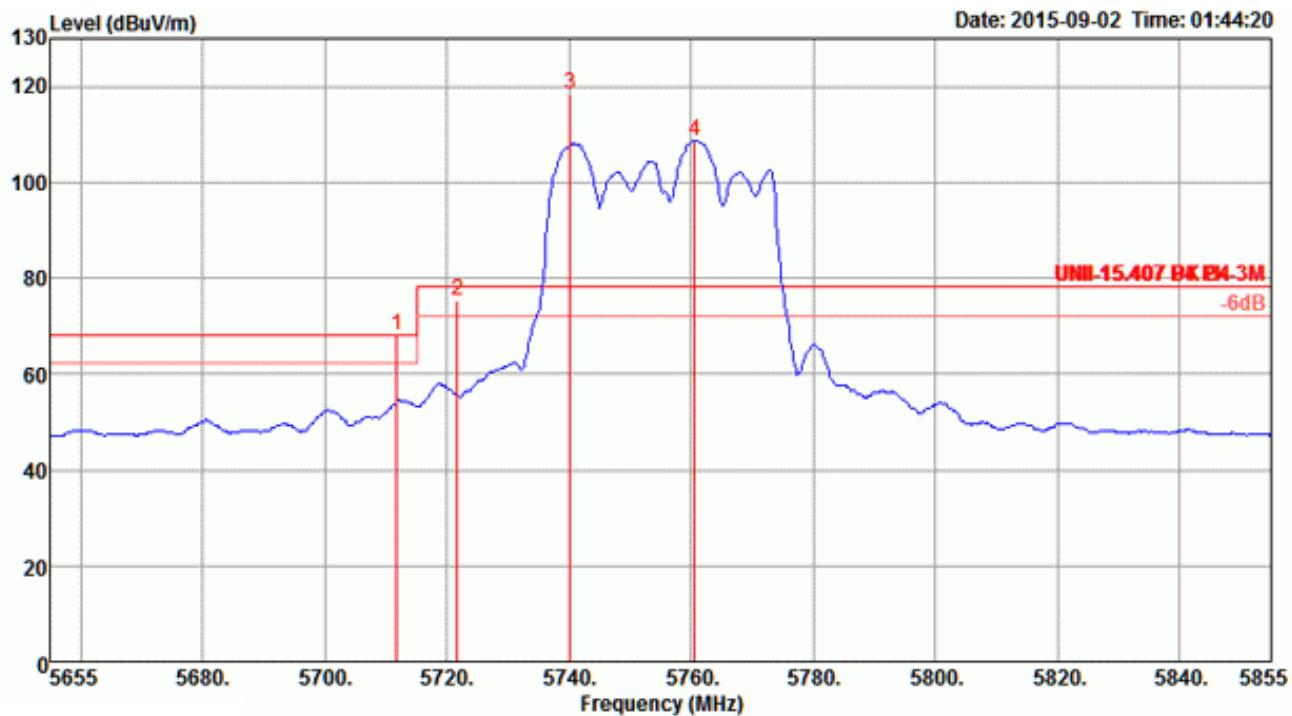


Freq	Level	Limit	Over	Read	Cable Antenna			Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Line	Limit	Level					
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB/m	dB	deg	cm		
1	5141.20	53.66	54.00	-0.34	50.60	4.26	33.27	34.47	55	188	Average	HORIZONTAL
2	5149.60	65.36	74.00	-8.64	62.30	4.26	33.27	34.47	55	188	Peak	HORIZONTAL
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.

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

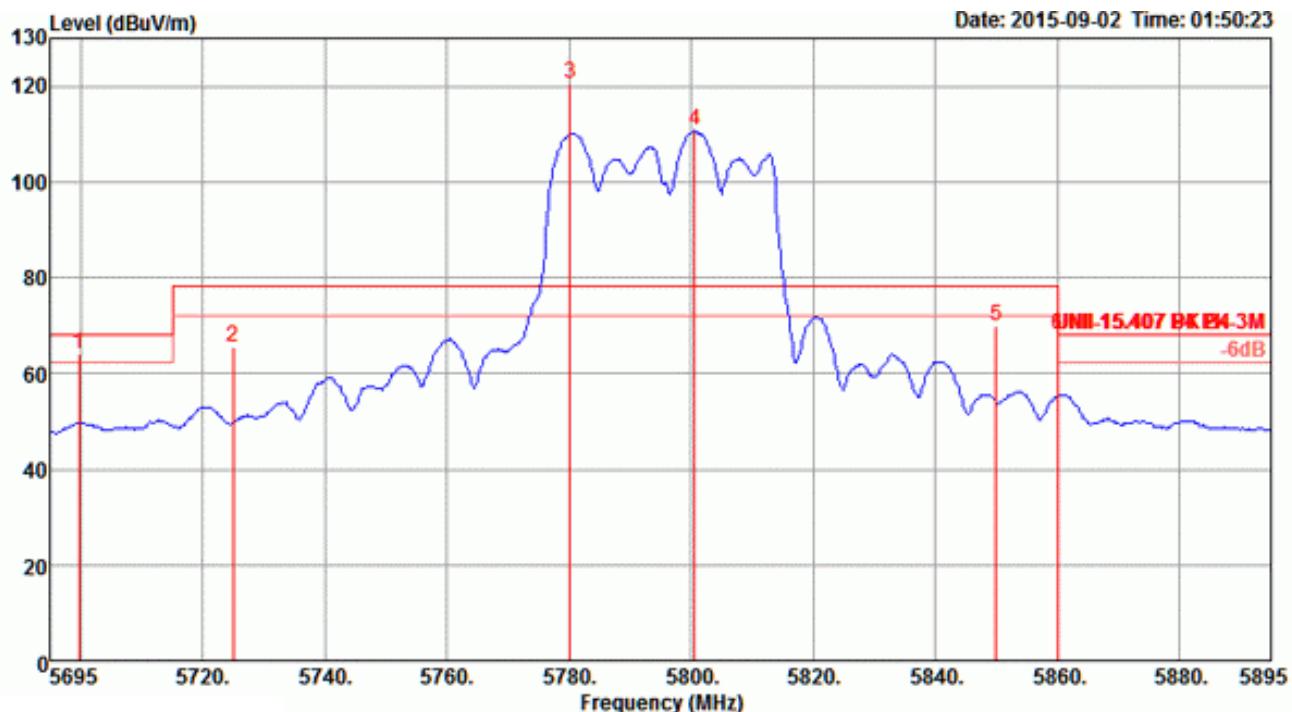
**Channel 151**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	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

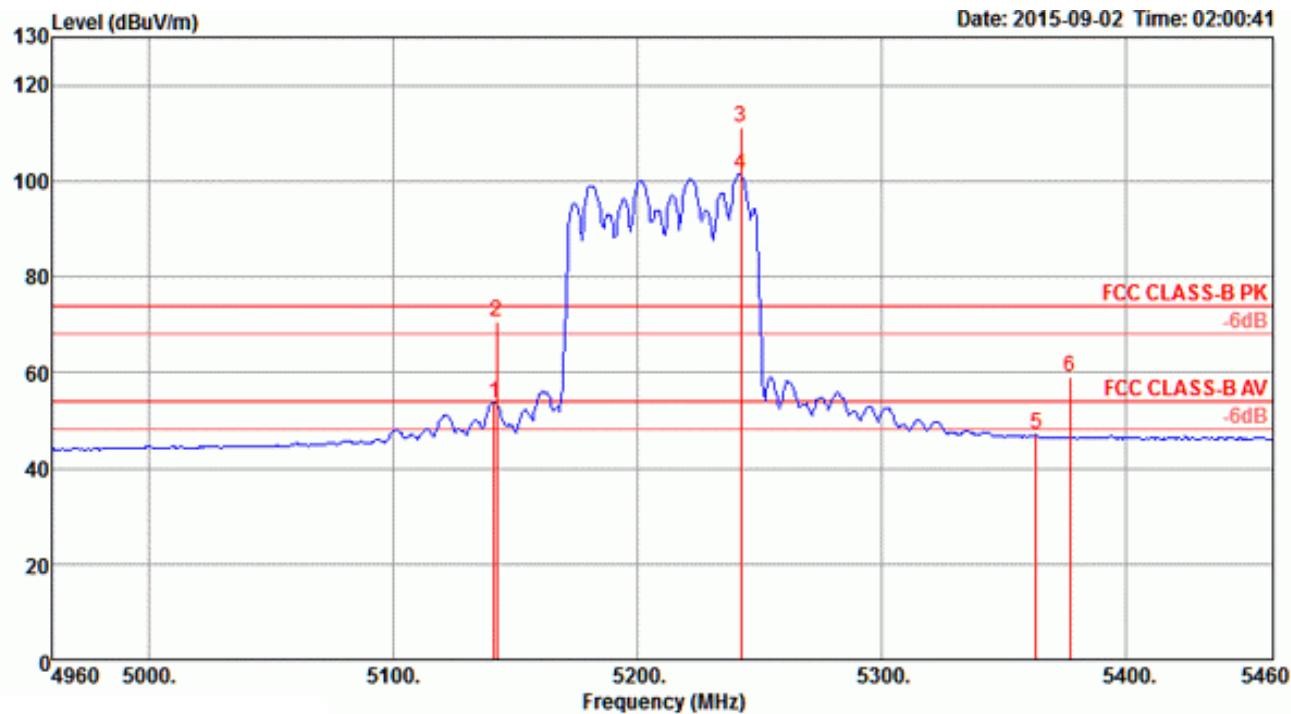


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5699.80	64.02	68.20	-4.18	59.57	4.49	34.47	34.51	312	190	Peak	HORIZONTAL
2	5725.00	65.41	78.20	-12.79	60.85	4.50	34.57	34.51	312	190	Peak	HORIZONTAL
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.

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

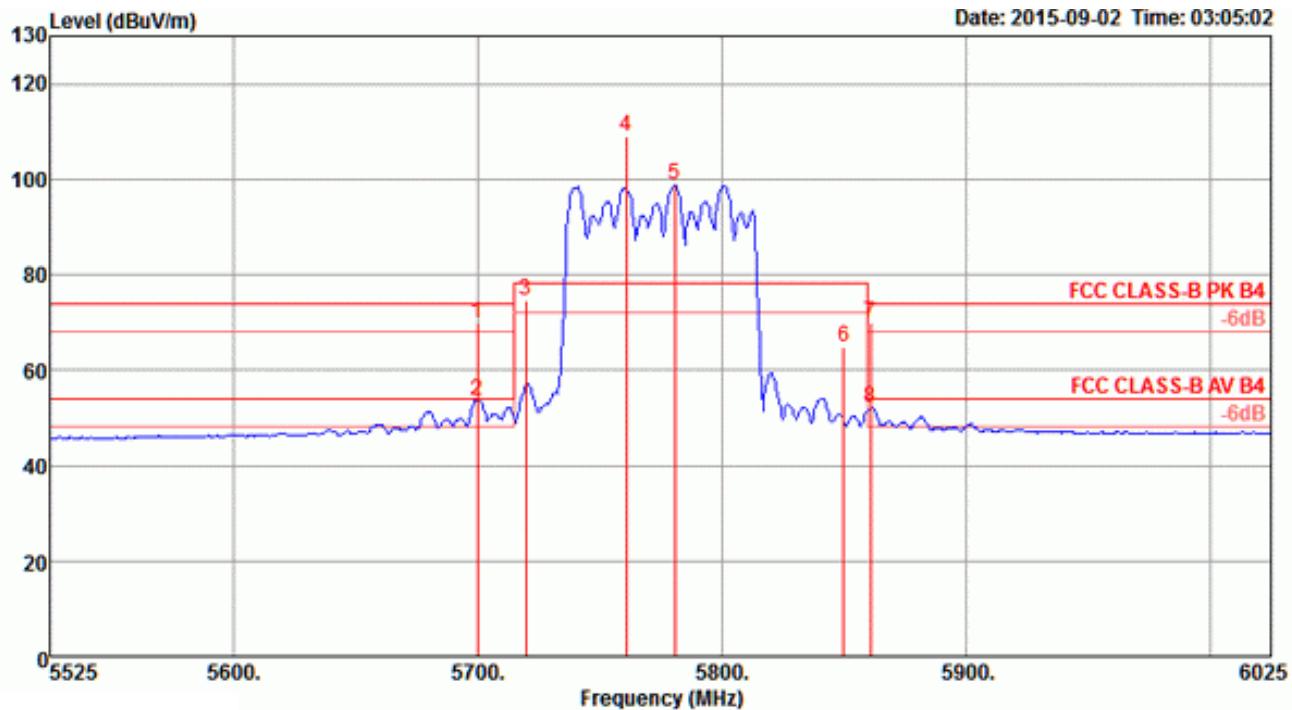
**Channel 42**


Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable Loss	Antenna Factor	Preamp Factor	T/Pos deg	A/Pos cm	Remark	Pol/Phase
					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

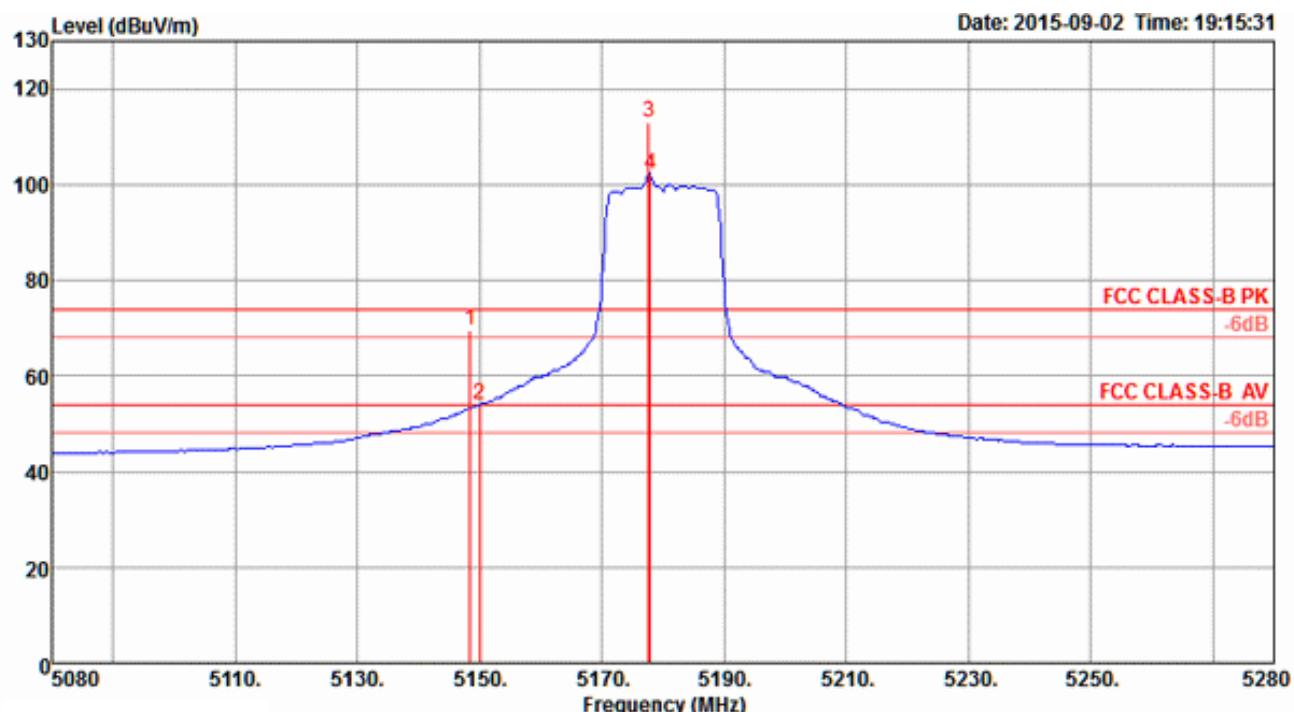


Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	cm		
1 5700.00	69.78	74.00	-4.22	65.33	4.49	34.47	34.51	310	185	Peak	HORIZONTAL
2 5700.00	53.67	54.00	-0.33	49.22	4.49	34.47	34.51	310	185	Average	HORIZONTAL
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.

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

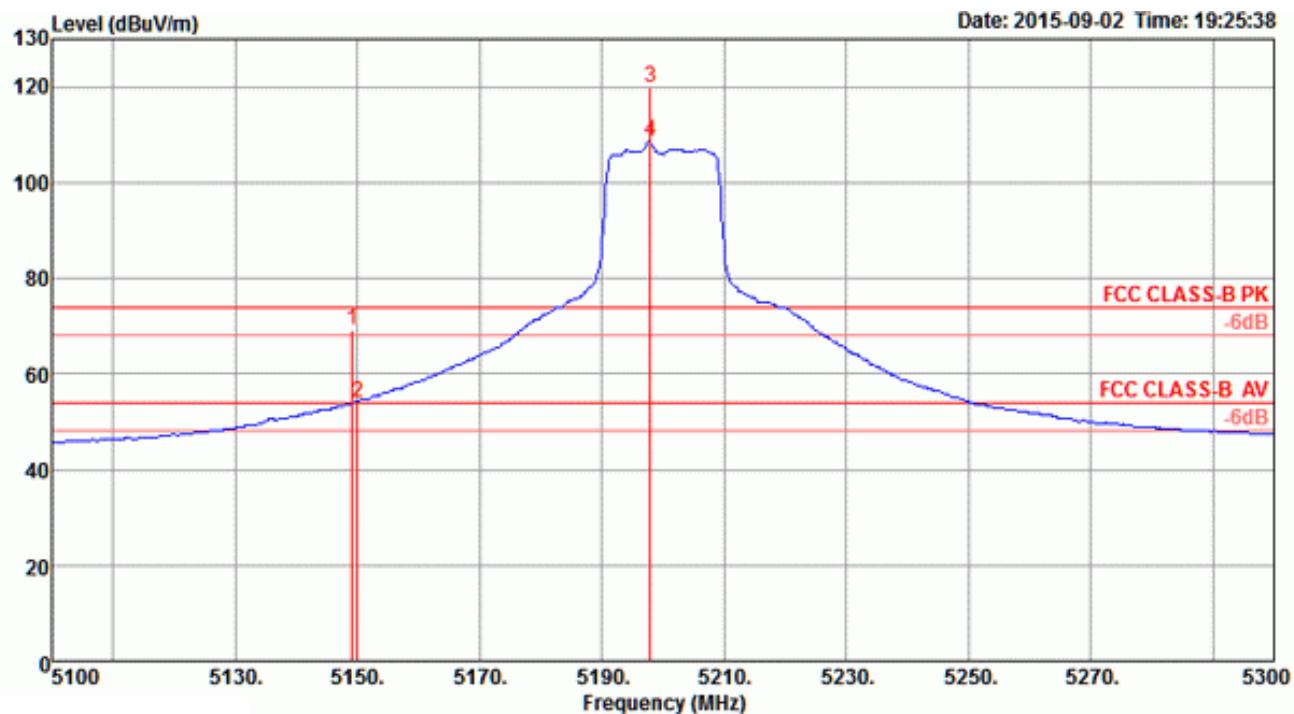
**Channel 36**


Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna Preamp			T/Pos	A/Pos	Remark	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor				
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

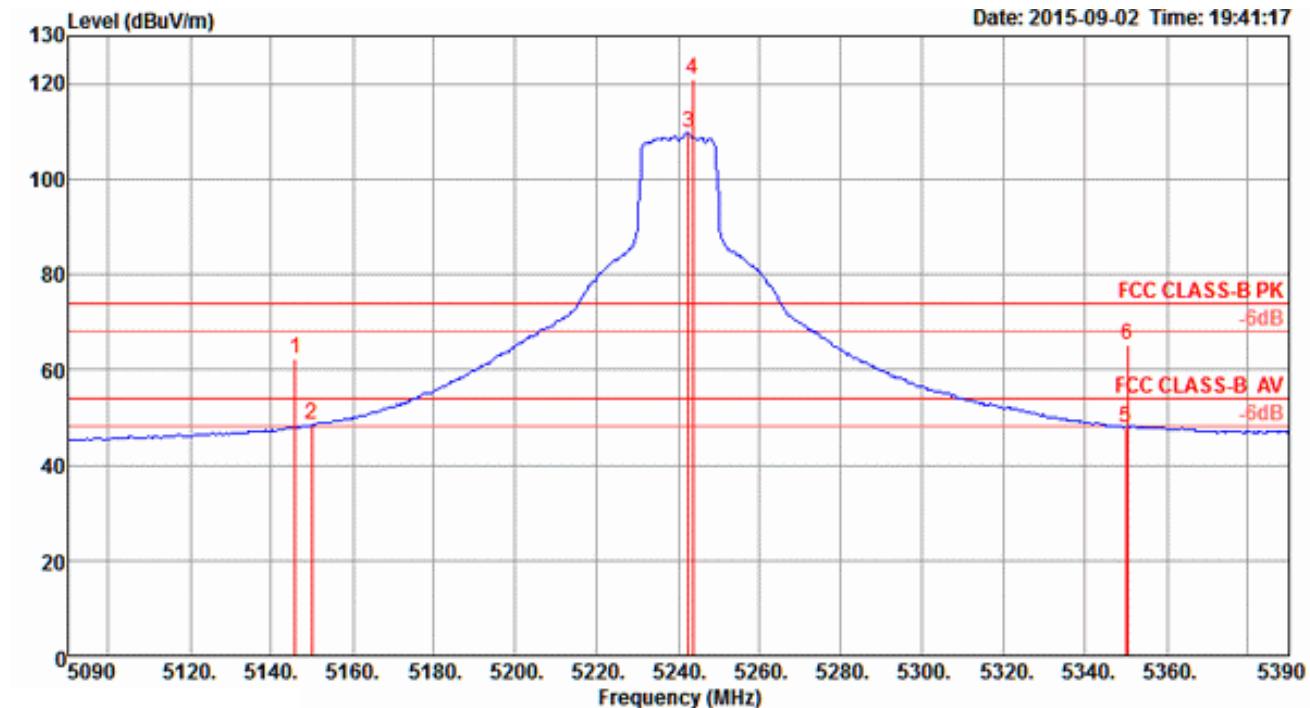


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	cm		
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB/m	dB	deg	cm	
1 5149.20	69.28	74.00	-4.72	66.22	4.26	33.27	34.47	294	188	Peak	HORIZONTAL
2 5150.00	53.95	54.00	-0.05	50.89	4.26	33.27	34.47	294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

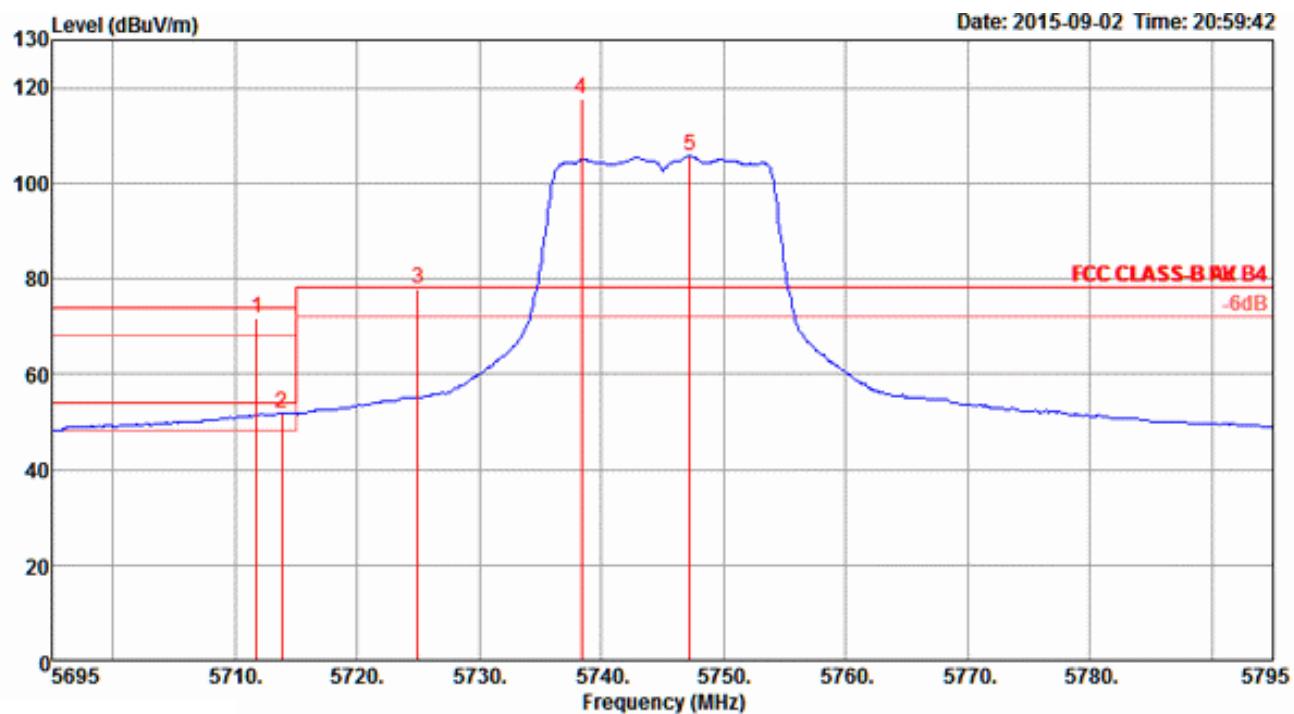


Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable Loss	Antenna Factor	Preamp Factor	T/Pos dB	A/Pos deg	Remark	Pol/Phase
					dB	dB/m	dB	deg	cm		
5145.80	62.43	74.00	-11.57	59.37	4.26	33.27	34.47	52	242	Peak	HORIZONTAL
5150.00	48.42	54.00	-5.58	45.36	4.26	33.27	34.47	52	242	Average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

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

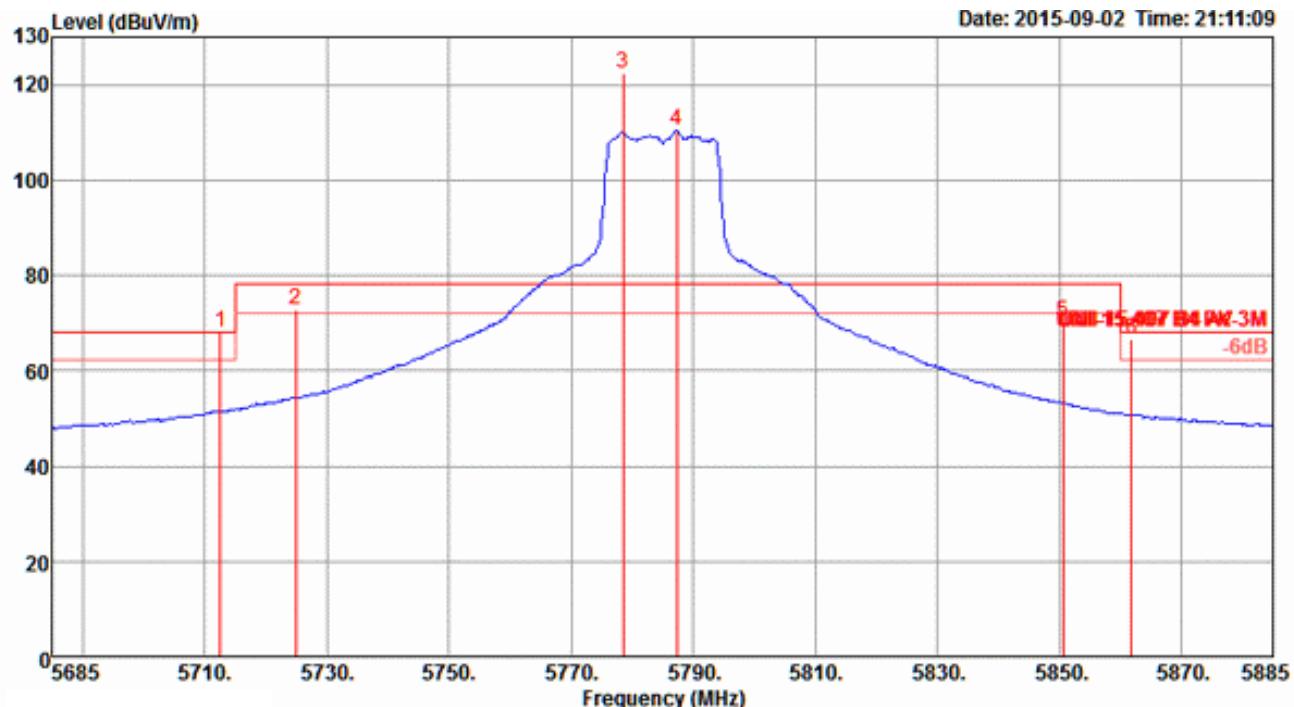
**Channel 149**


Freq	Level	Limit	Over	Read	Cable		Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Line	dB	dBuV	dB	dB/m	deg	Cm	
MHz	dBuV/m	dBuV/m	dB	dBuV								
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

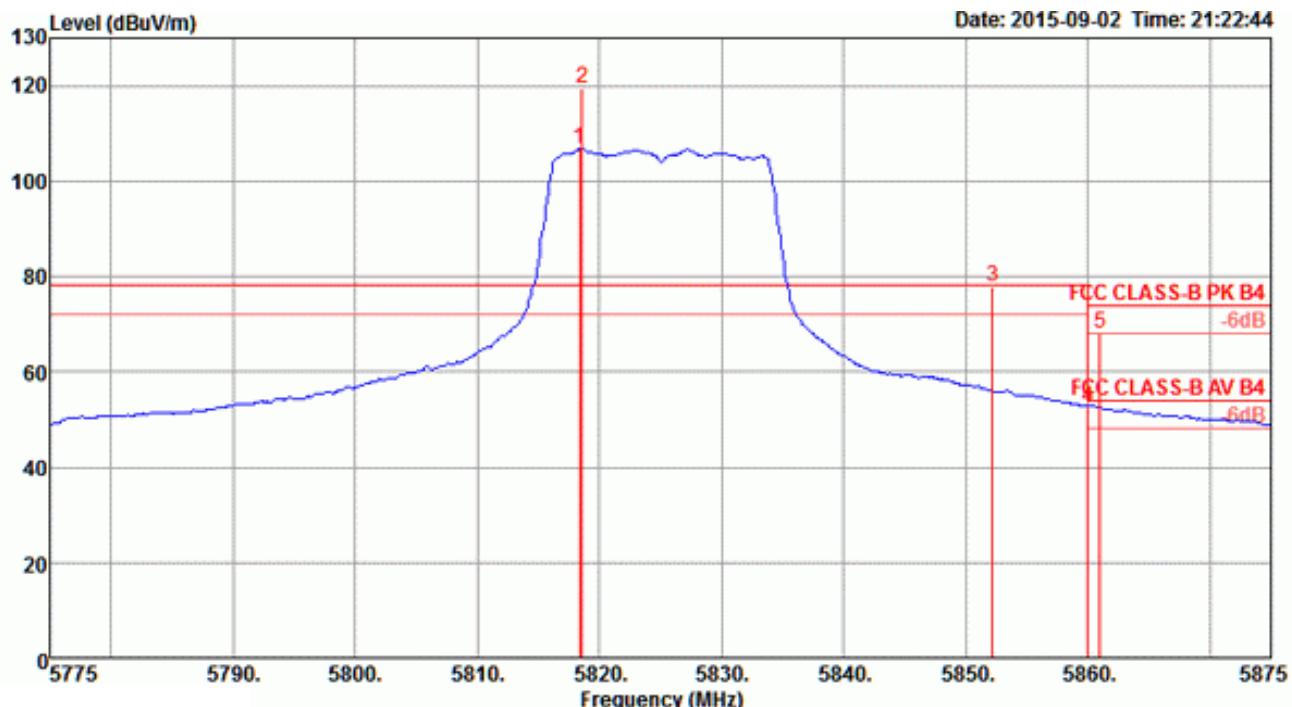


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	cm		
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB/u				
1 5712.60	67.97	68.20	-0.23	63.47	4.49	34.52	34.51	45	168	Peak	HORIZONTAL
2 5725.00	72.86	78.20	-5.34	68.30	4.50	34.57	34.51	45	168	Peak	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.

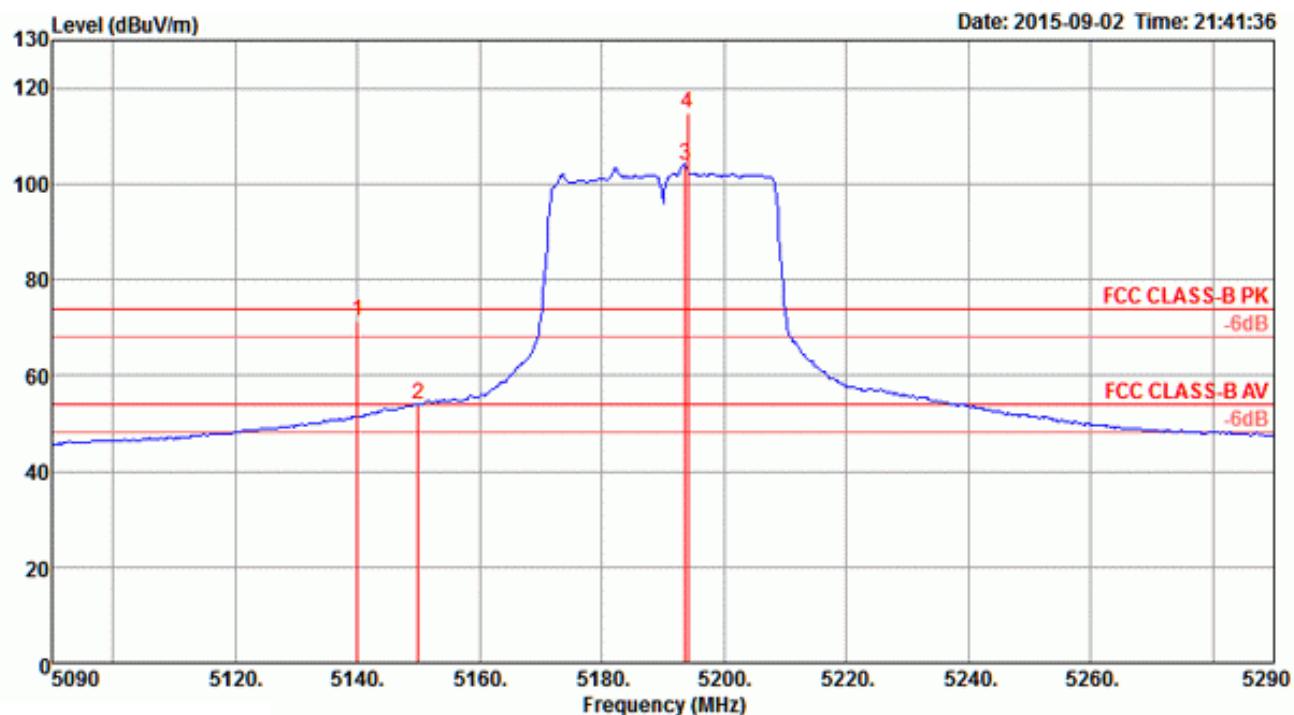
### Channel 165



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.

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

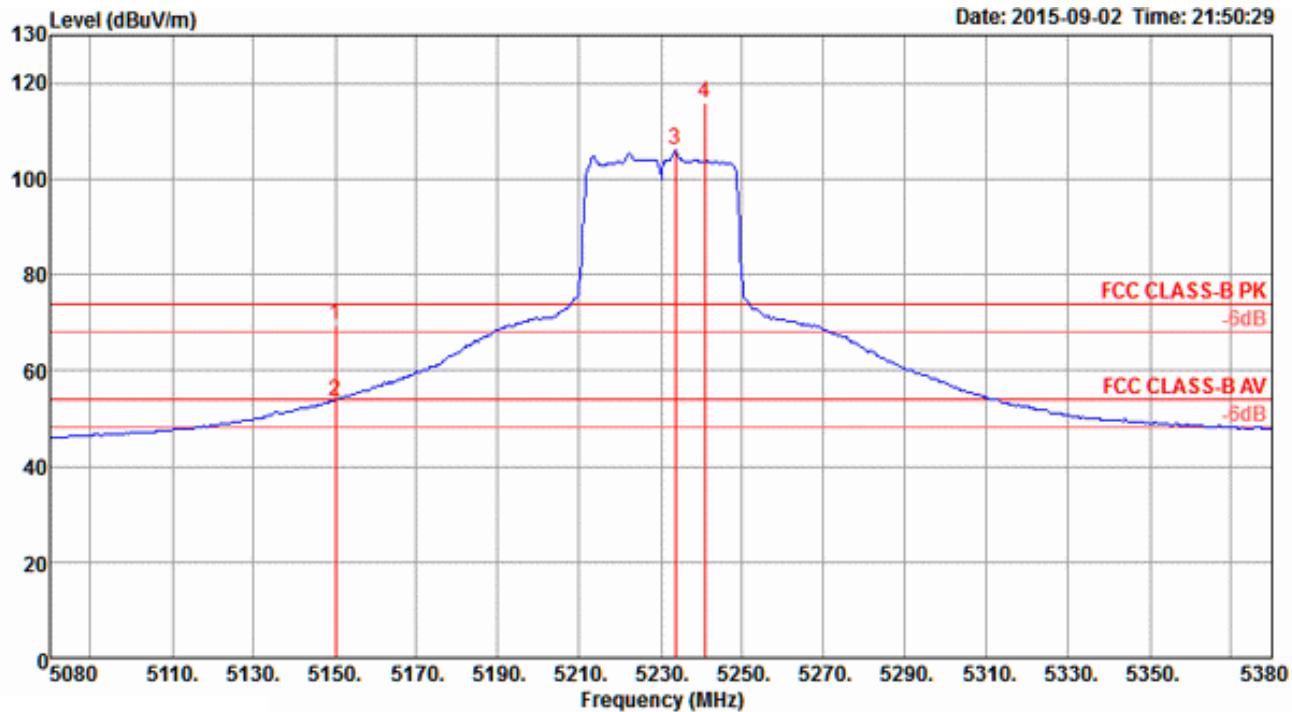
**Channel 38**


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	cm		
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

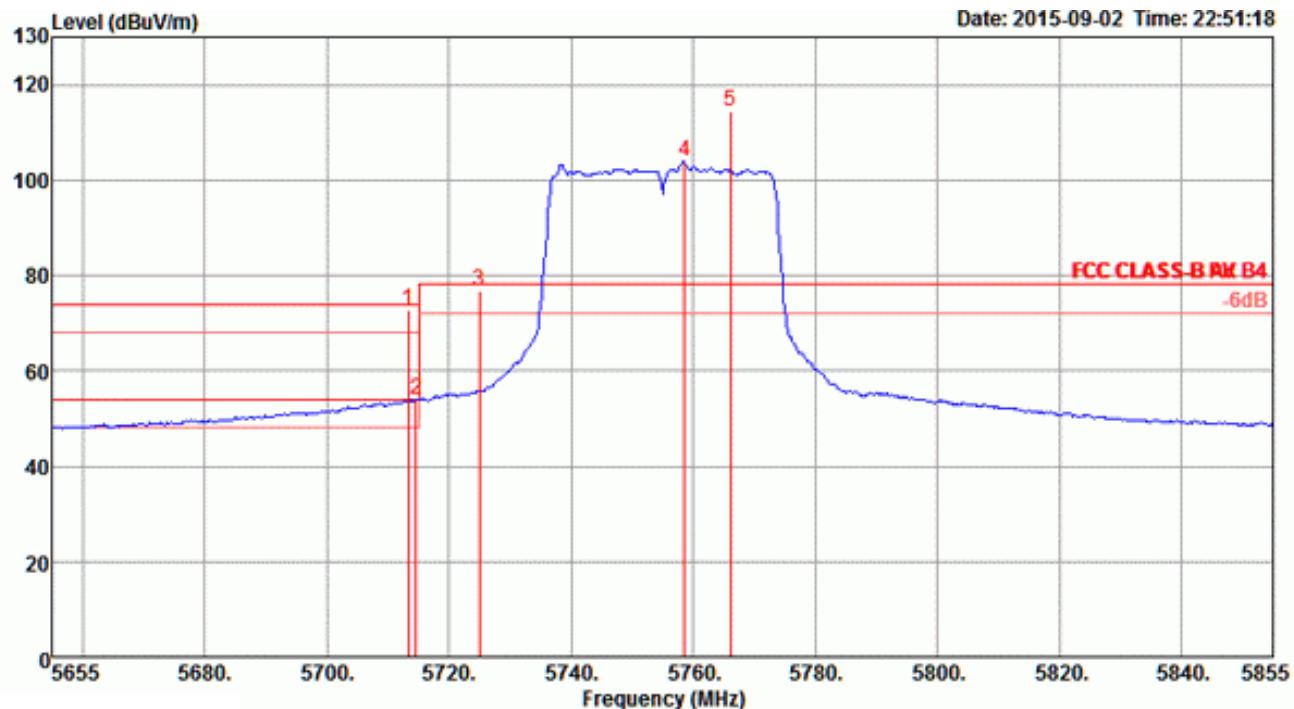


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	cm		
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB/m	dB	deg		
1 5150.00	69.57	74.00	-4.43	66.51	4.26	33.27	34.47	325	184	Peak	HORIZONTAL
2 5150.00	53.73	54.00	-0.27	50.67	4.26	33.27	34.47	325	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

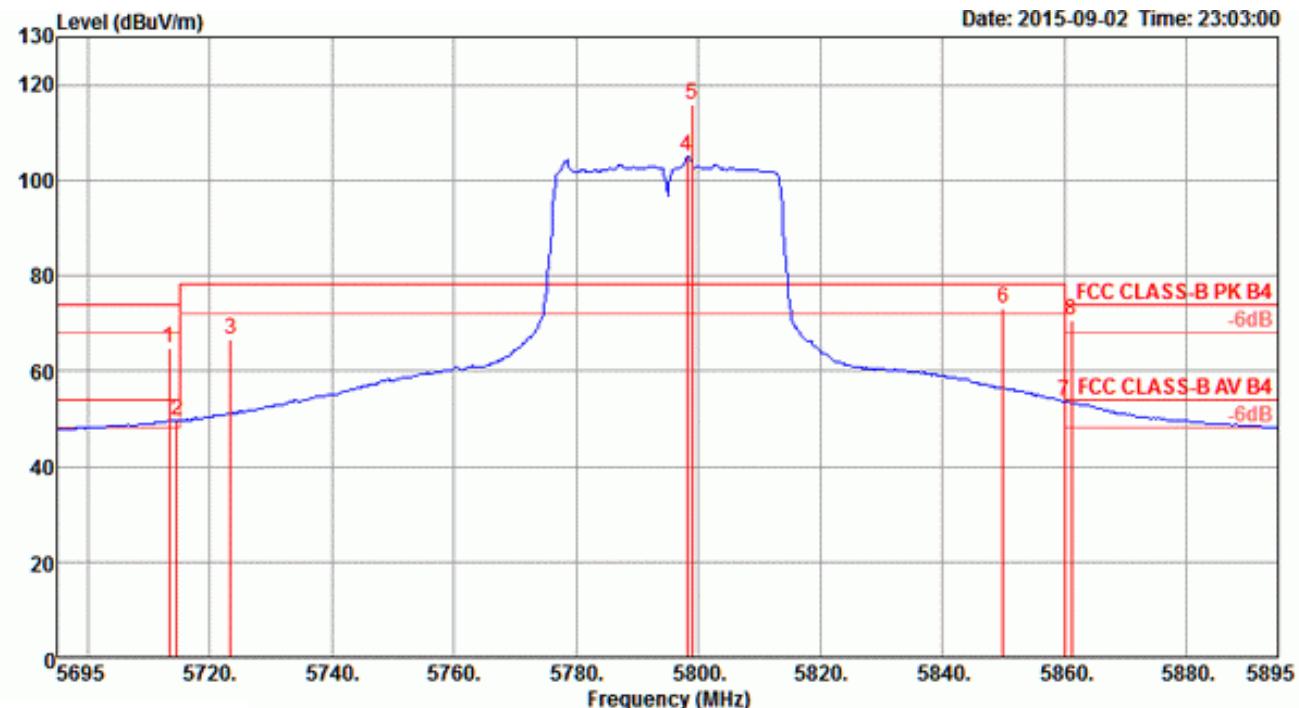
**Channel 151**

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

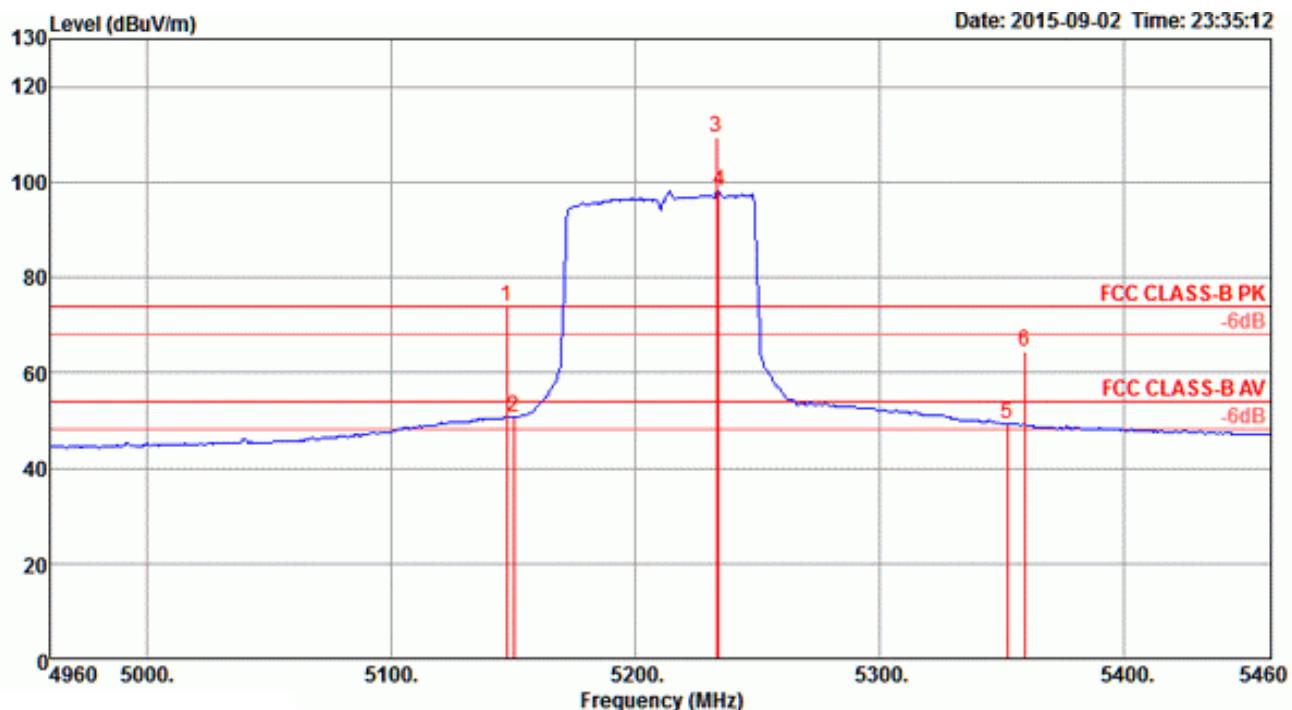


Freq	Level	Limit	Over	Read	Cable			Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Line	Limit	dB						
MHz	dBuV/m	dBuV/m			dB	dB/uV	dB	dB/uV	deg	cm			
1	5713.40	64.90	74.00	-9.10	60.40	4.49	34.52	34.51	55	209	Peak		HORIZONTAL
2	5714.60	49.48	54.00	-4.52	44.98	4.49	34.52	34.51	55	209	Average		HORIZONTAL
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.

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

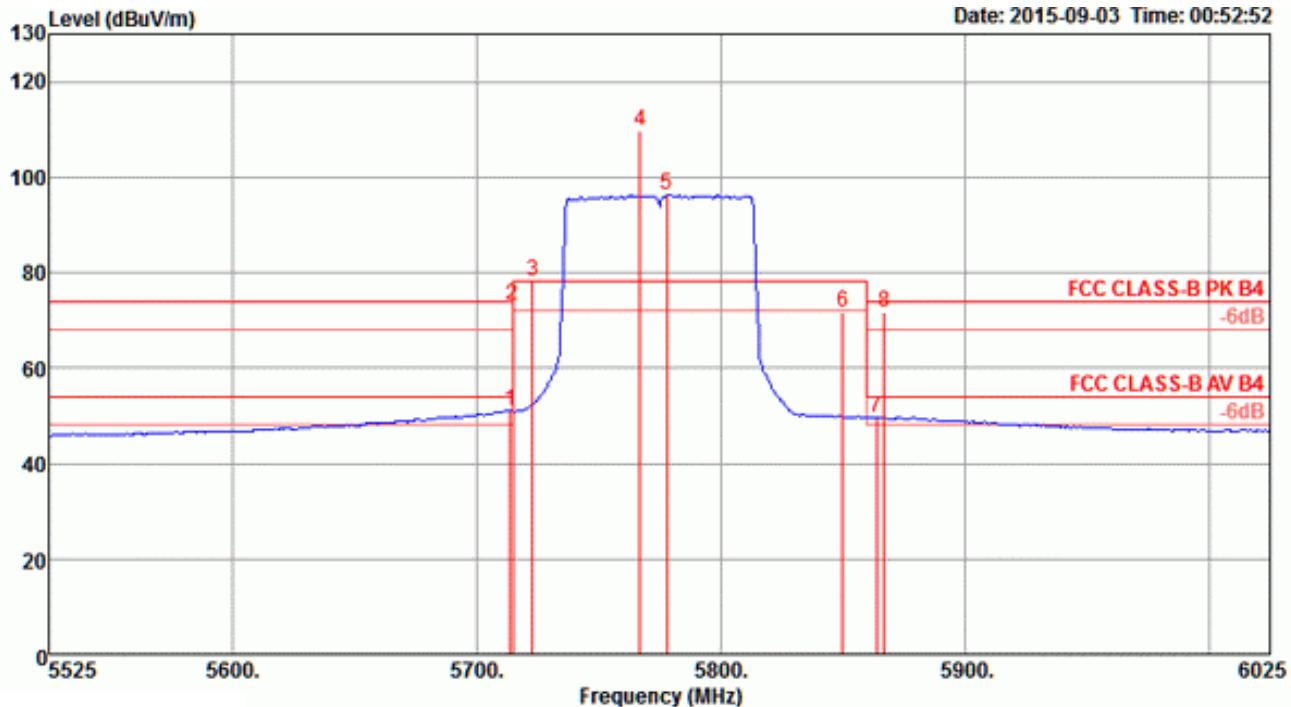
**Channel 42**


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	cm		
5147.00	73.72	74.00	-0.28	70.66	4.26	33.27	34.47	315	194	Peak	HORIZONTAL
5150.00	50.59	54.00	-3.41	47.53	4.26	33.27	34.47	315	194	Average	HORIZONTAL
5233.00	109.44	74.00			4.30	33.42	34.47	315	194	Peak	HORIZONTAL
5234.00	98.02	54.00			4.30	33.42	34.47	315	194	Average	HORIZONTAL
5352.00	49.36	54.00	-4.64	45.85	4.35	33.63	34.47	315	194	Average	HORIZONTAL
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

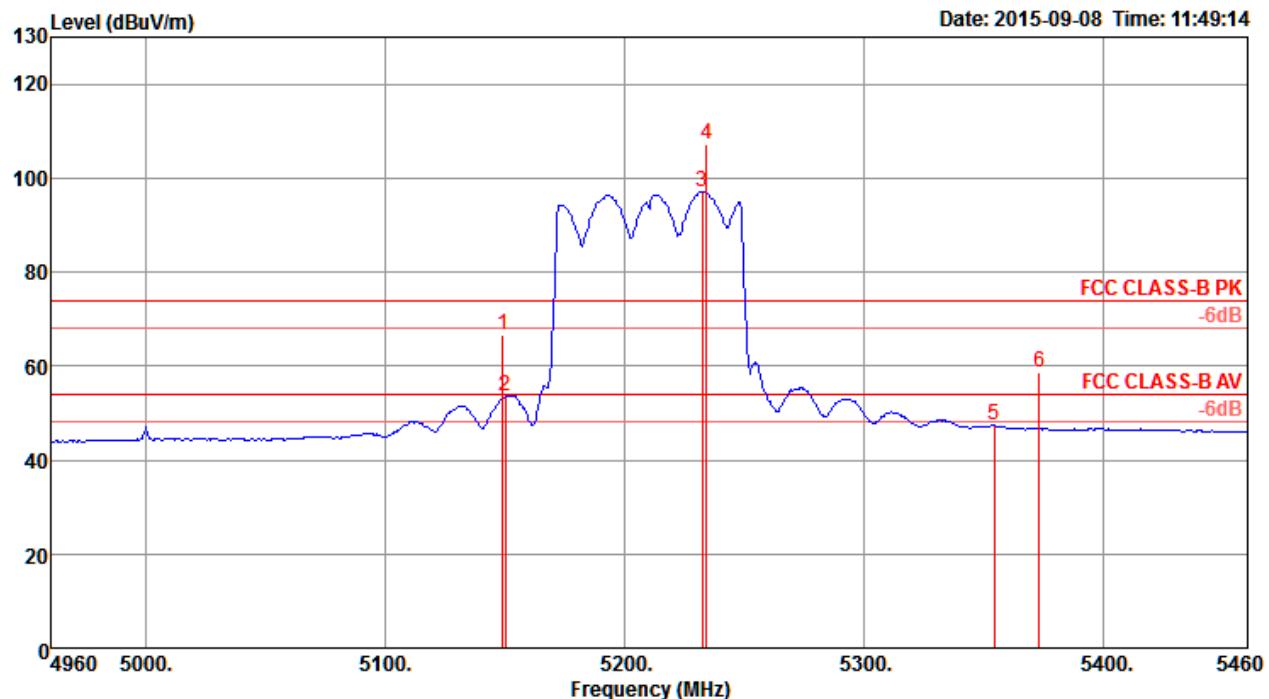


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/u	dB	deg	cm		
1	5714.00	50.89	54.00	-3.11	46.39	4.49	34.52	34.51	53	166	Average	HORIZONTAL
2	5715.00	73.17	74.00	-0.83	68.67	4.49	34.52	34.51	53	166	Peak	HORIZONTAL
3	5723.00	78.16	78.20	-0.04	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.

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

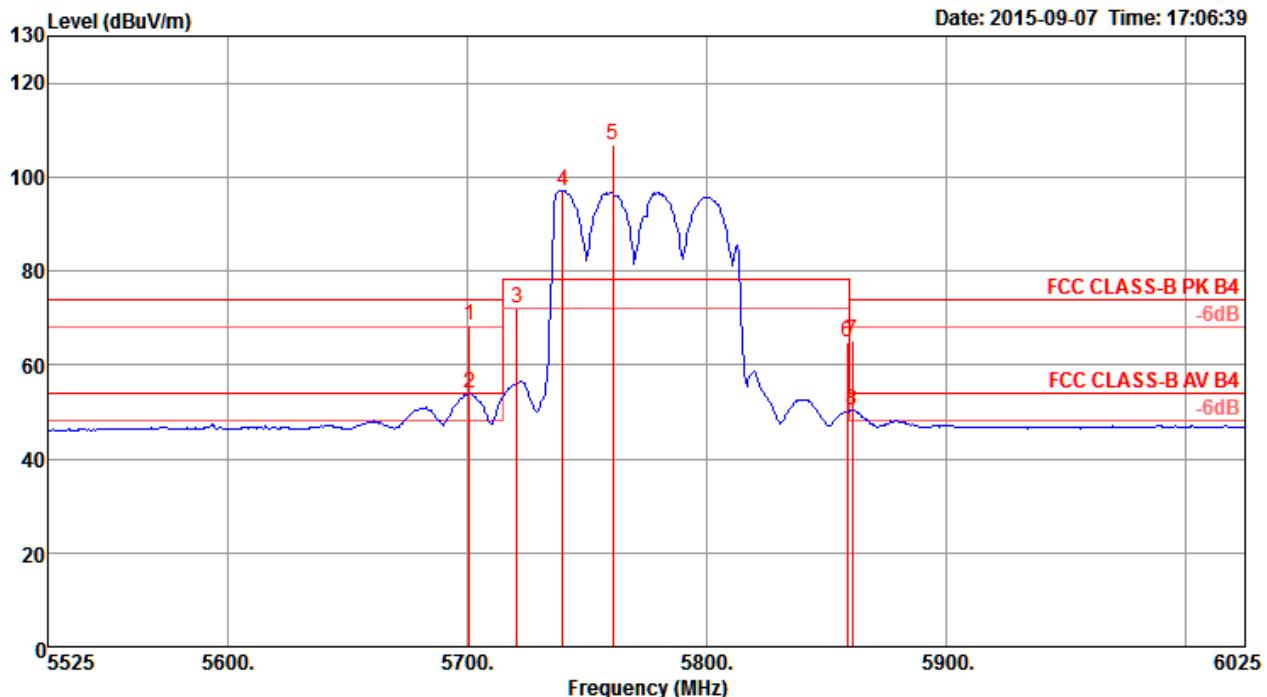
**Channel 42**


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

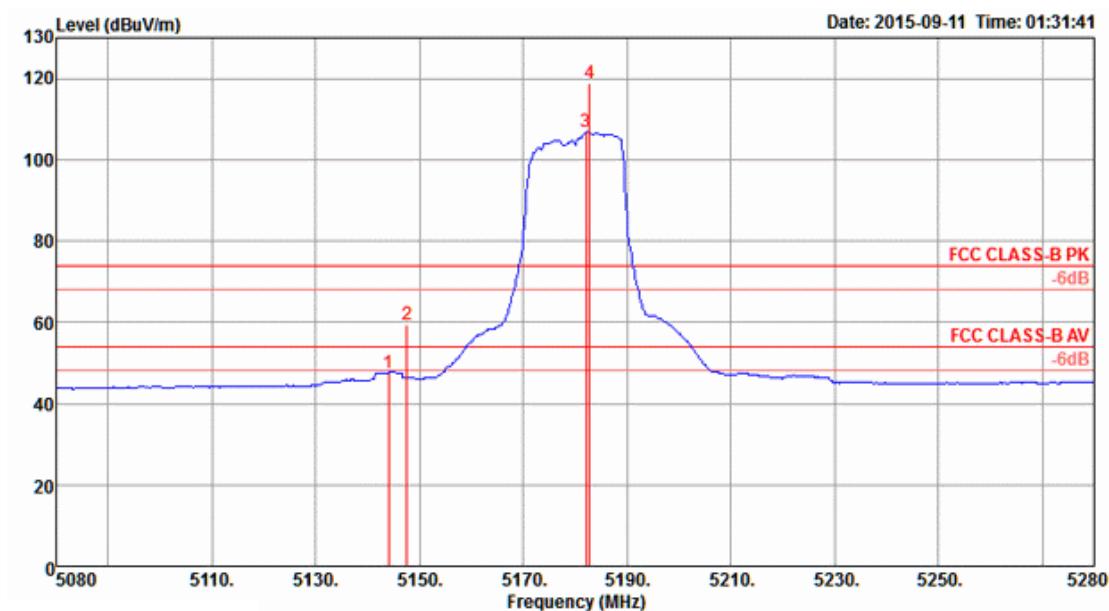
Item 4, 5 are the fundamental frequency at 5775 MHz.

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

## &lt;For Radio 2 Beamforming Mode&gt;

Temperature	26°C	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

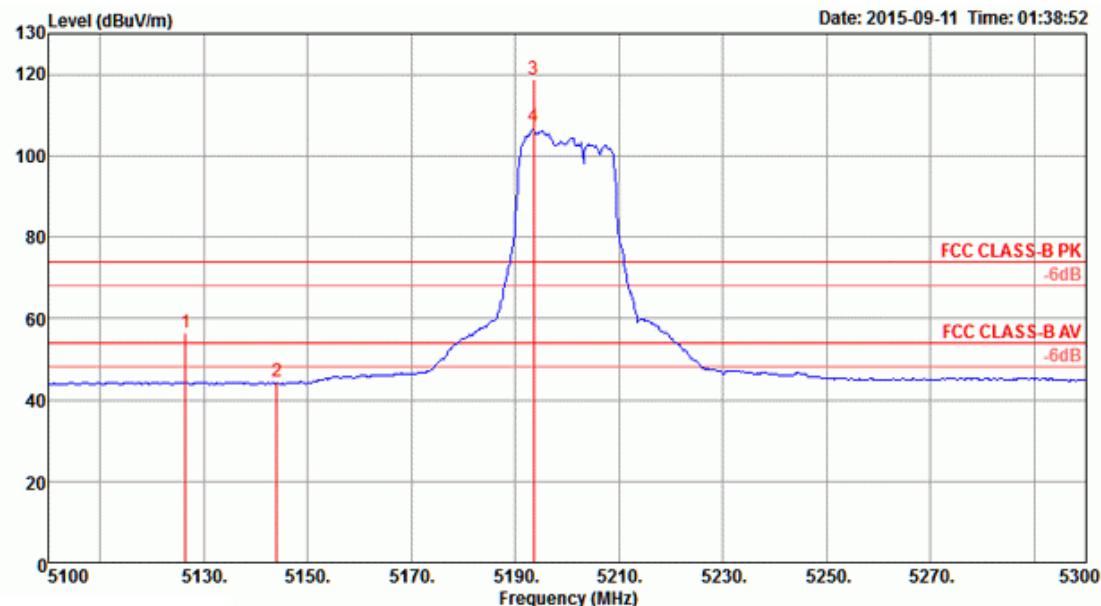


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase	
					MHz	dBuV/m	dBuV/m	dB	dBuV	dB		
1	5144.00	47.55	54.00	-6.45	44.49	4.26	33.27	34.47	285	151	Average	HORIZONTAL
2	5147.60	59.44	74.00	-14.56	56.38	4.26	33.27	34.47	285	151	Peak	HORIZONTAL
3	5182.00	106.78			103.65	4.27	33.33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

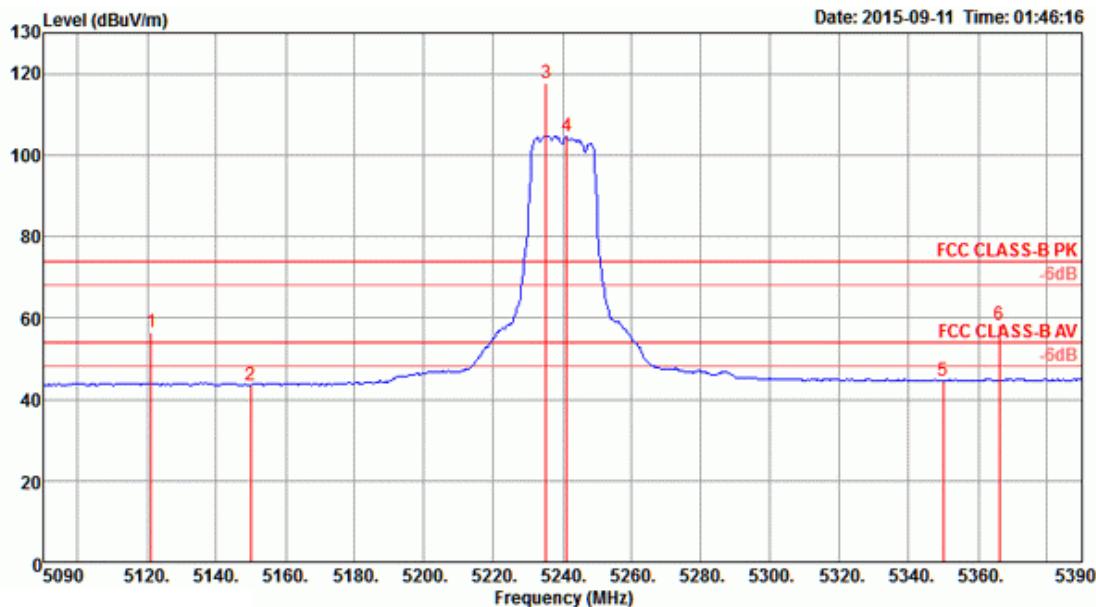


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	cm		
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB/m	dB	deg		
1	5126.40	56.66	74.00	-17.34	53.64	4.25	33.24	34.47	38	178 Peak	HORIZONTAL
2	5144.00	44.63	54.00	-9.37	41.57	4.26	33.27	34.47	38	178 Average	HORIZONTAL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

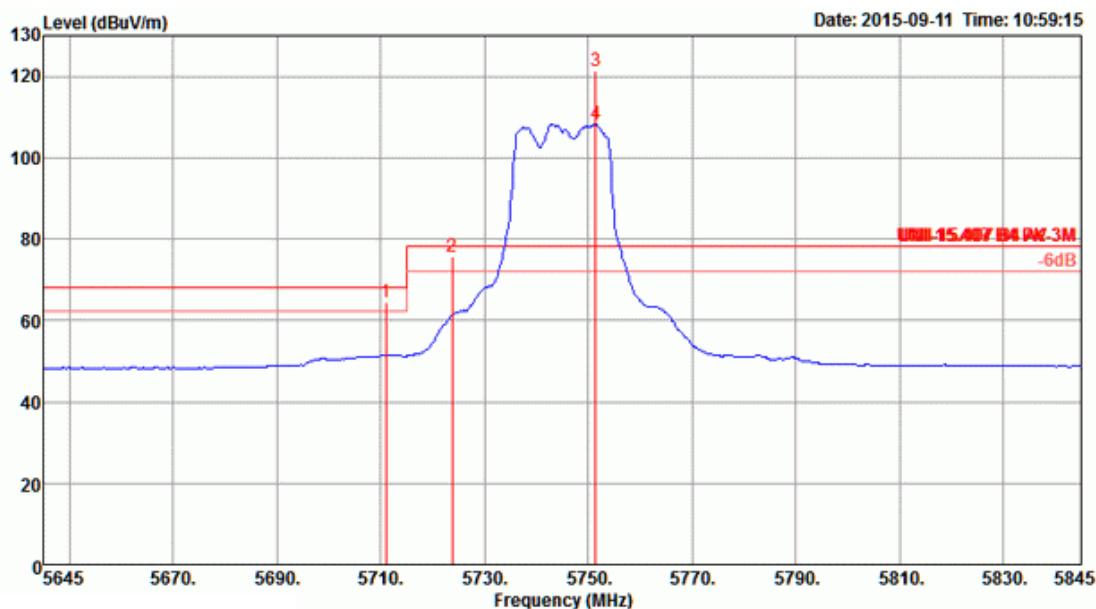


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5121.20	56.56	74.00	-17.44	53.58	4.24	33.21	34.47	37	163	Peak	HORIZONTAL
2	5150.00	43.55	54.00	-10.45	40.49	4.26	33.27	34.47	37	163	Average	HORIZONTAL
3	5235.20	117.60			114.35	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.

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

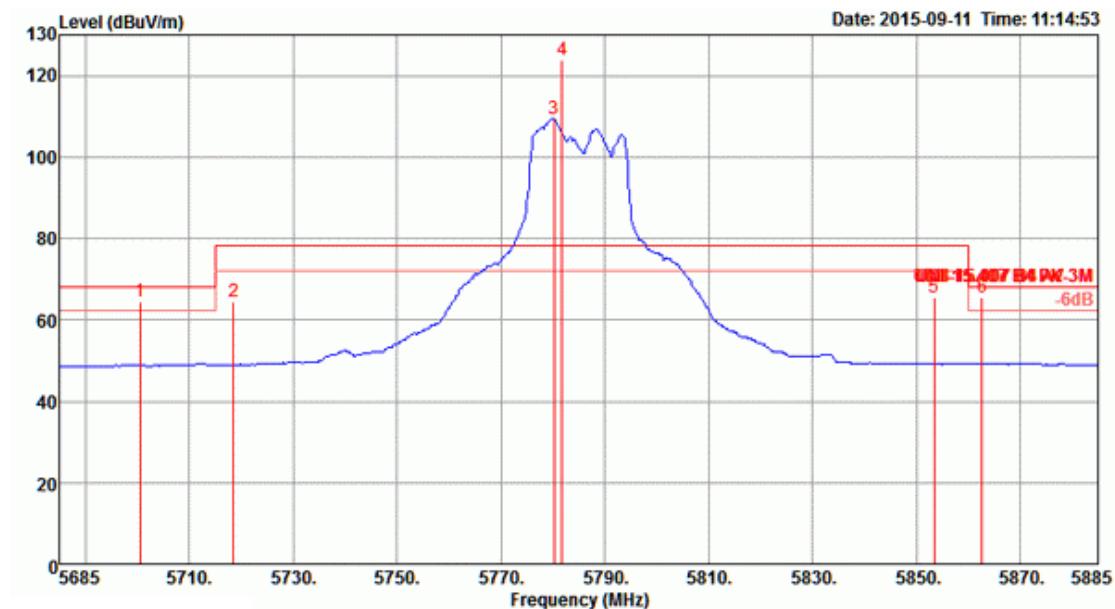
**Channel 149**


Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna			Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor					
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

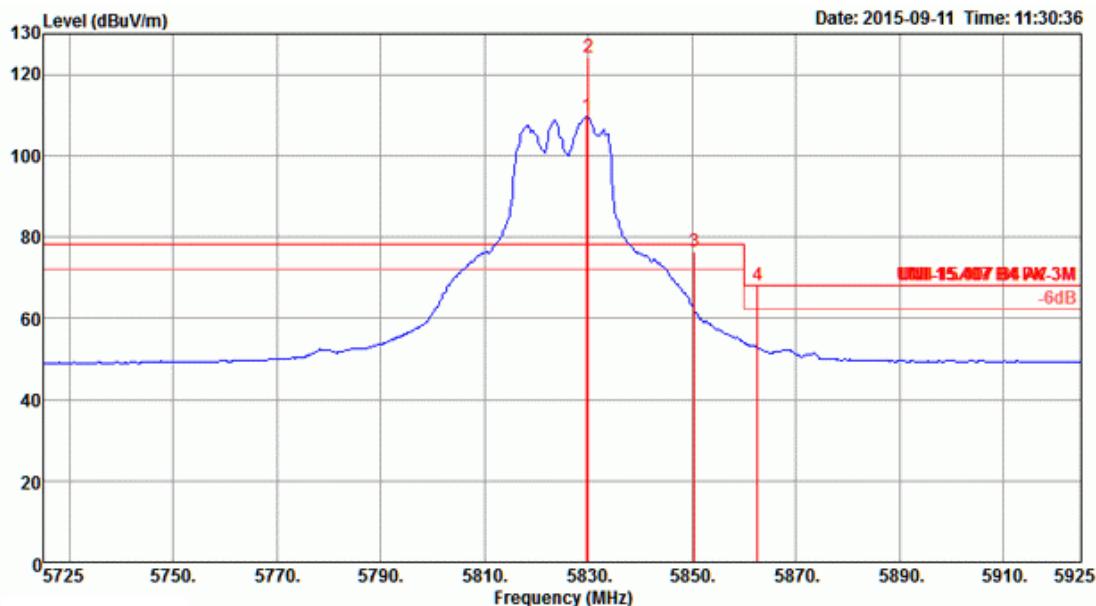


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5700.60	64.44	68.20	-3.76	59.94	4.49	34.52	34.51	318	272	Peak	HORIZONTAL
2	5718.60	64.50	78.20	-13.70	59.94	4.50	34.57	34.51	318	272	Peak	HORIZONTAL
3	5780.20	109.20			104.48	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

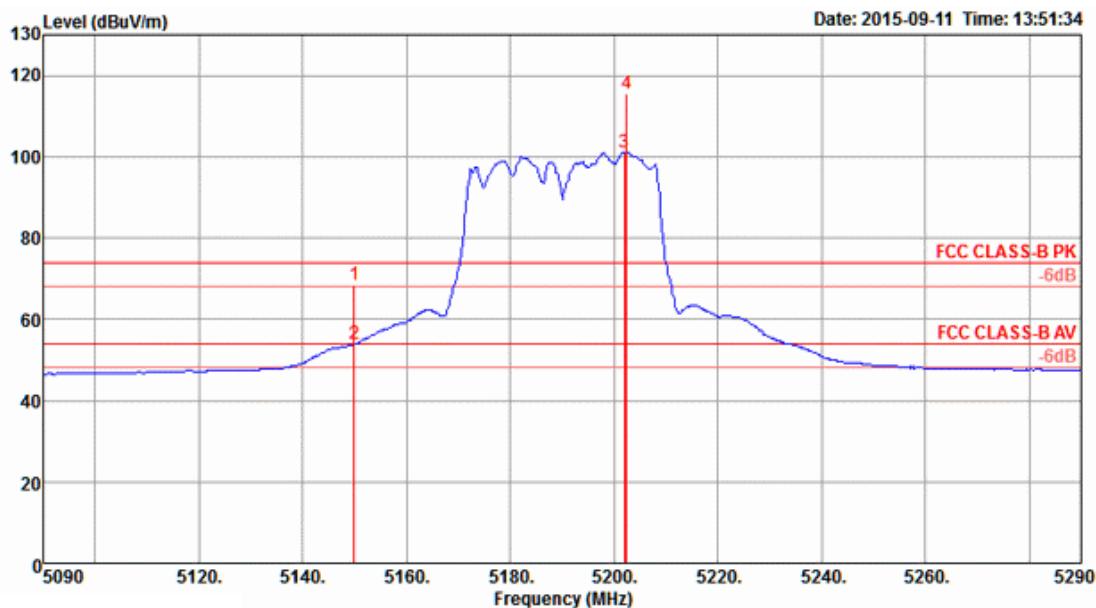


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	cm		
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB/m	dB	deg	cm	
1	5829.80	109.60			104.72	4.53	34.88	34.53	316	212	Average
2	5830.00	124.30			119.42	4.53	34.88	34.53	316	212	Peak
3	5850.40	76.44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

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.

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

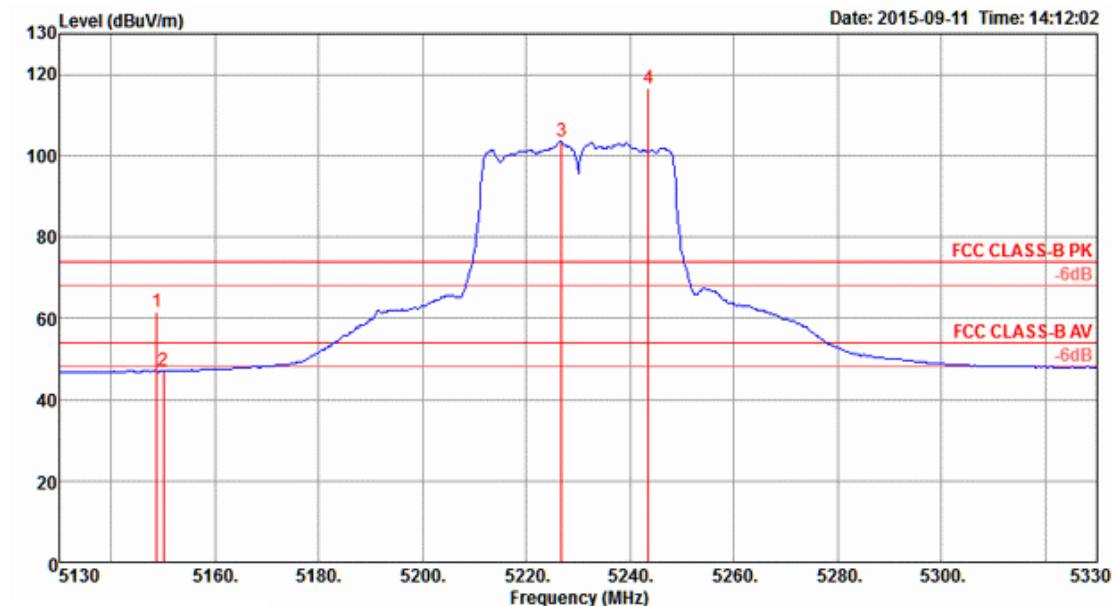
**Channel 38**


Freq	Level	Limit	Over	Read	Cable			Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Line	Limit	Level					
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

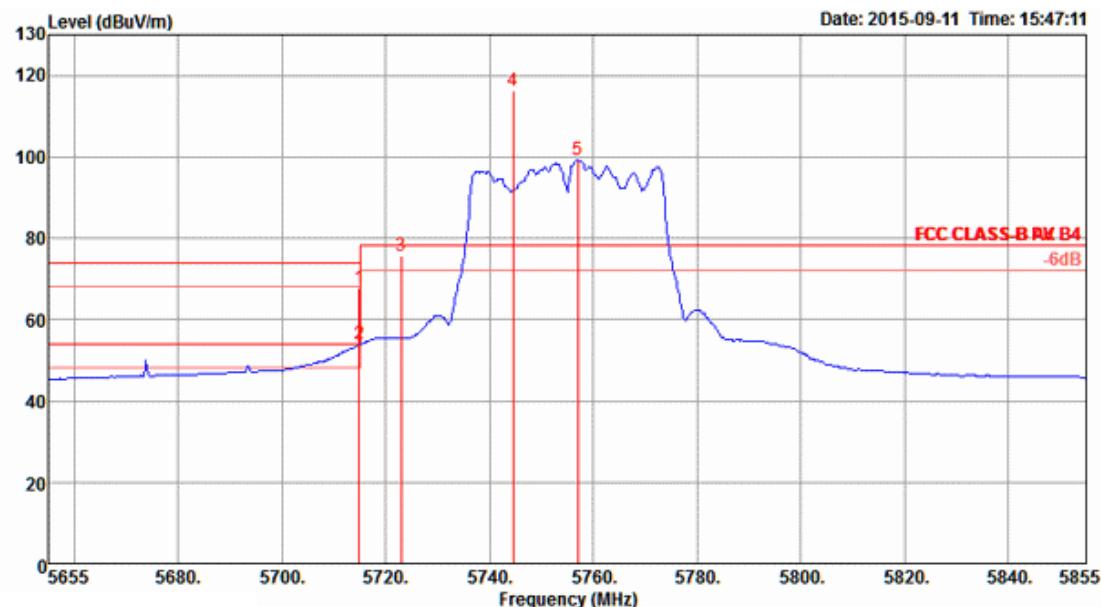


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamplifier	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	deg	cm		
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5148.80	61.61	74.00	-12.39	58.55	4.26	33.27	34.47	311	193 Peak	HORIZONTAL
2	5150.00	47.00	54.00	-7.00	43.94	4.26	33.27	34.47	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.

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

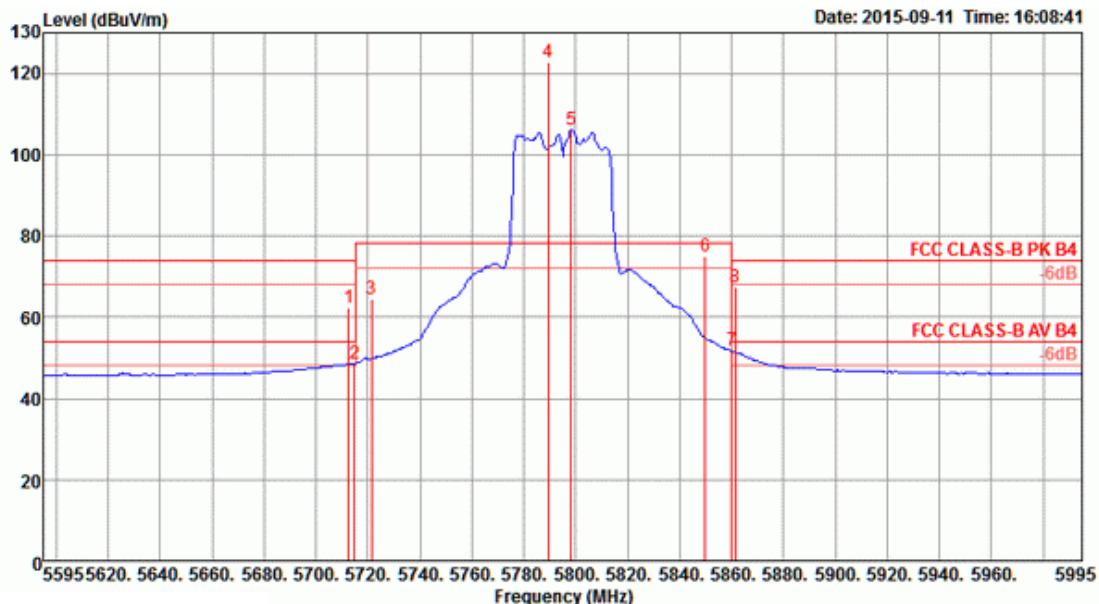
**Channel 151**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	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

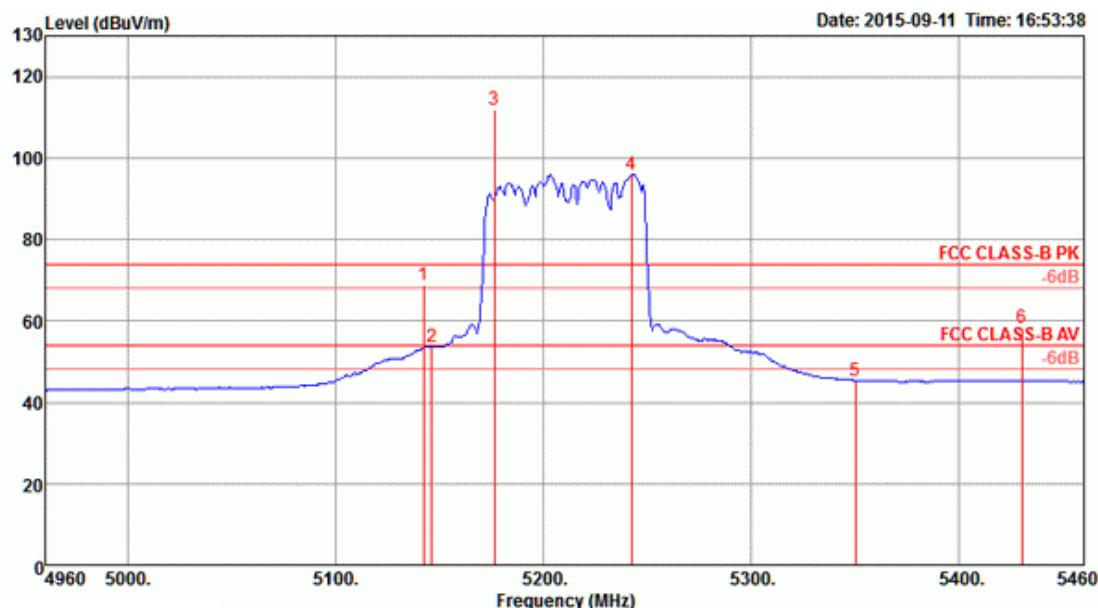


Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna Preamp			T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor				
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB/m	dB	deg	cm	
1	5712.60	62.44	74.00	-11.56	57.94	4.49	34.52	34.51	309	191	Peak HORIZONTAL
2	5715.00	48.46	54.00	-5.54	43.96	4.49	34.52	34.51	309	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.

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

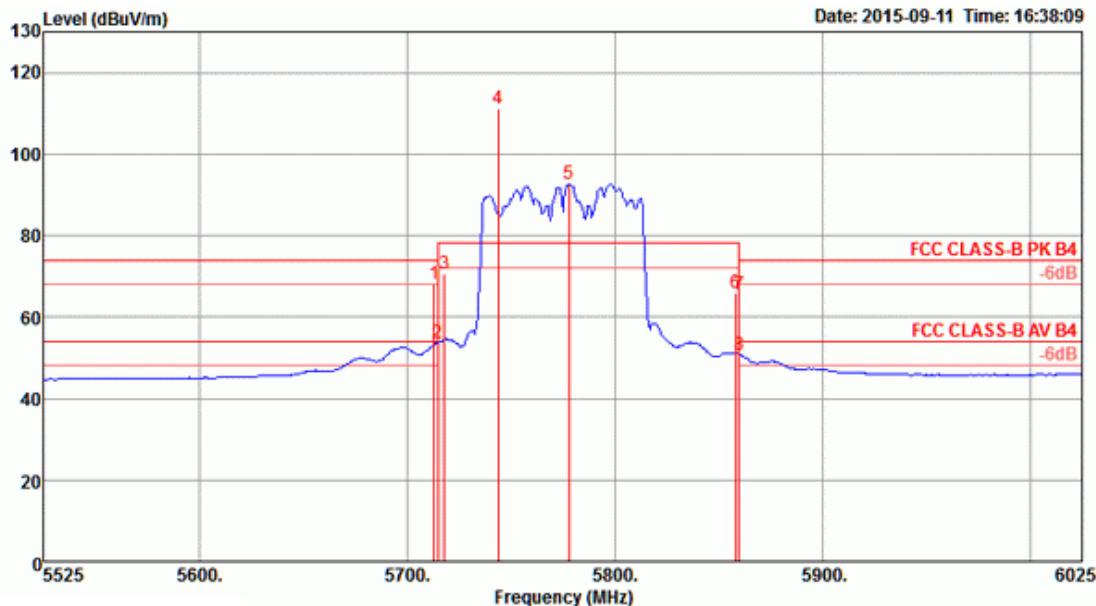
**Channel 42**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
MHz	dBuV/m	dBuV/m	Line	Limit	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

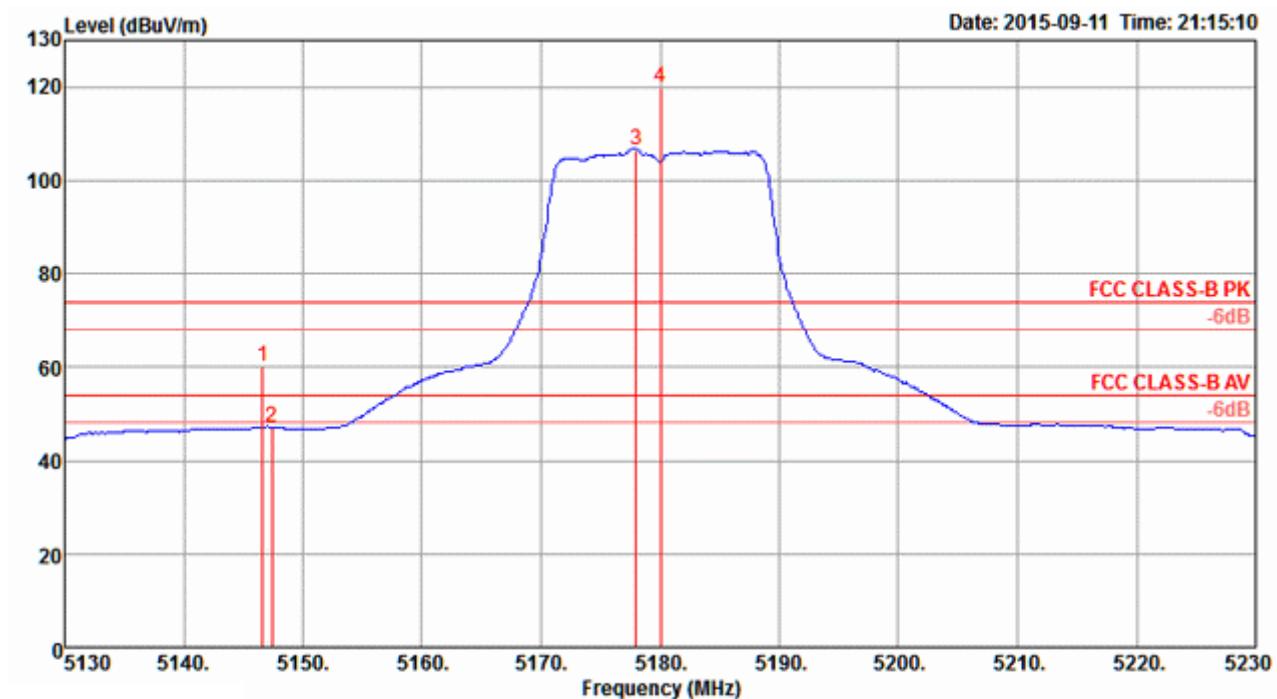


Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna			Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
					dB	dBuV	dB					
MHz	dBuV/m	dBuV/m		dB				dB	deg	cm		
1	5713.00	68.06	74.00	-5.94	63.56	4.49	34.52	34.51	294	309	Peak	HORIZONTAL
2	5715.00	53.62	54.00	-0.38	49.12	4.49	34.52	34.51	294	309	Average	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°C	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

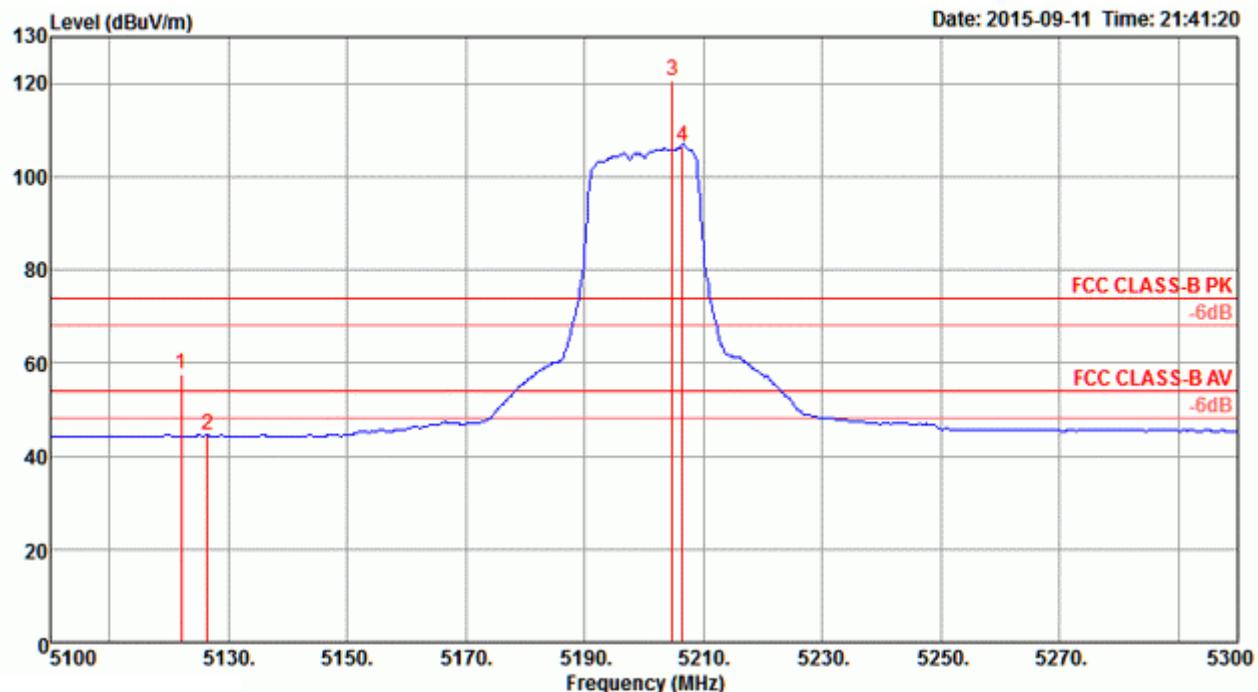
**Channel 36**

Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	CableAntenna Preamp			T/Pos deg	A/Pos cm	Remark	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor				
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

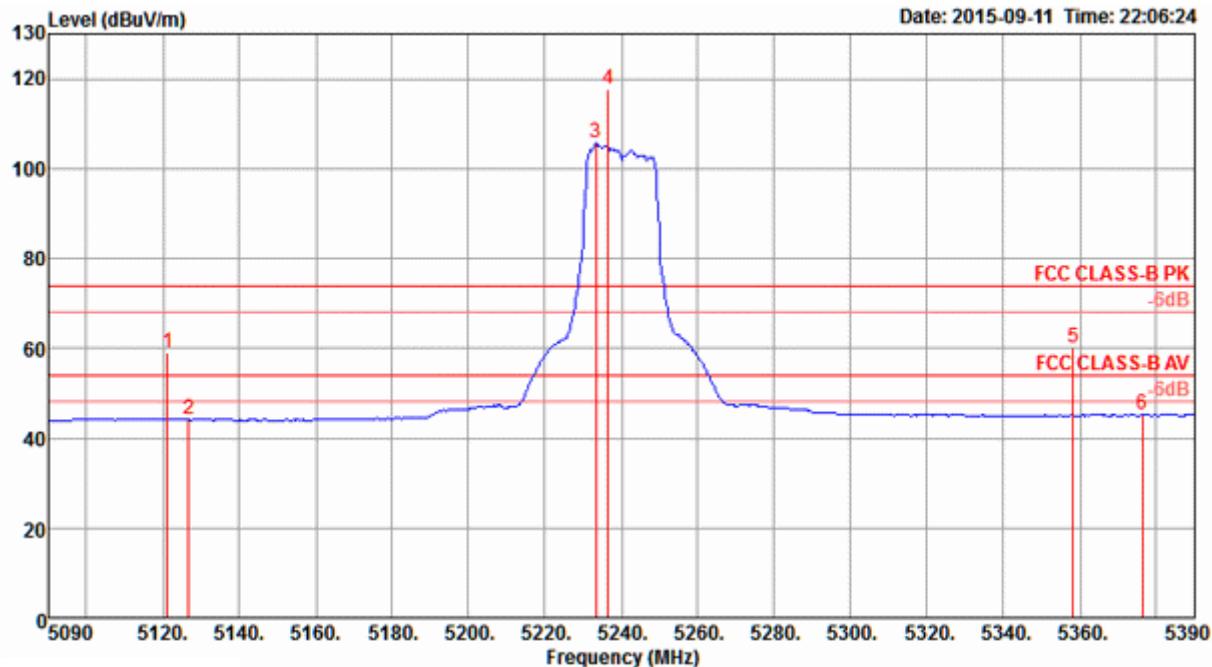


Freq	Level	Limit		Over Limit	Read Level	Cable Antenna			Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
		Line	dBuV/m			dB	dB	dB/m					
MHz	dBuV/m	dBuV/m											
1 5122.00	57.59	74.00	-16.41	54.61	4.24	33.21	34.47	299	230	Peak		HORIZONTAL	
2 5126.40	44.46	54.00	-9.54	41.44	4.25	33.24	34.47	299	230	Average		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

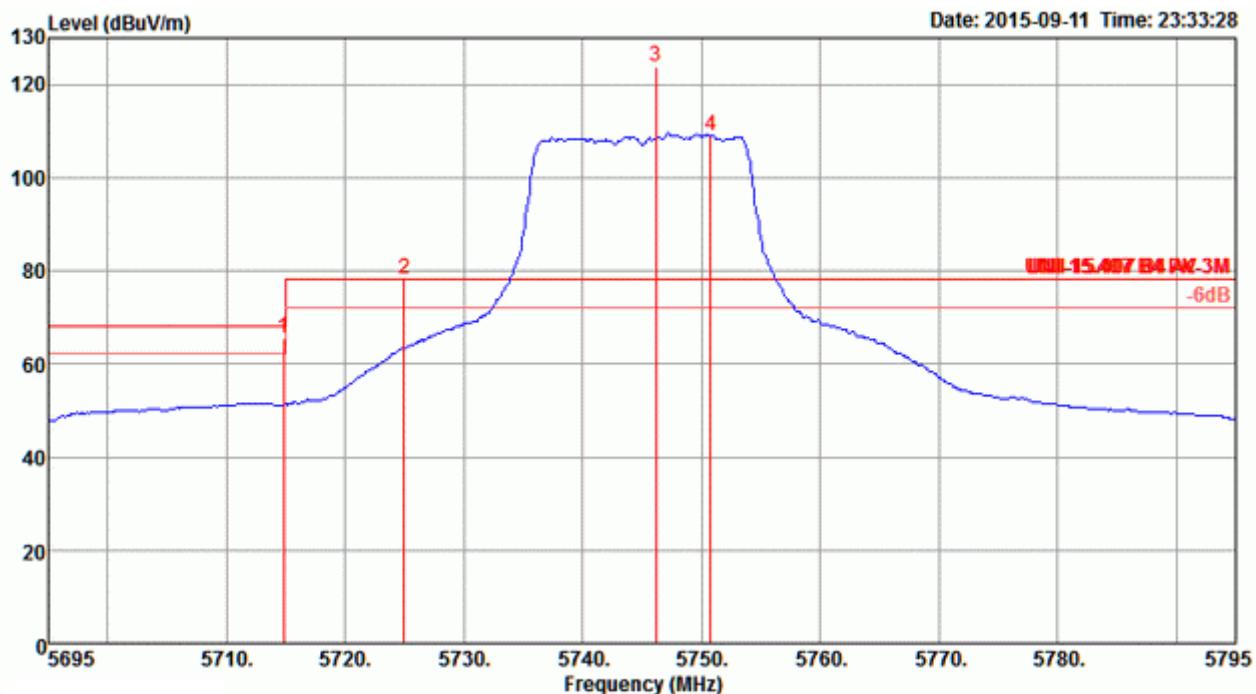


Freq	Level	Limit	Over	Read	Cable Antenna Preamp			T/Pos	A/Pos	Remark	Pol/Phase
					Line	Limit	Level				
MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1 5121.20	59.06	74.00	-14.94	56.08	4.24	33.21	34.47	326	157	Peak	HORIZONTAL
2 5126.60	44.28	54.00	-9.72	41.26	4.25	33.24	34.47	326	157	Average	HORIZONTAL
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.

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

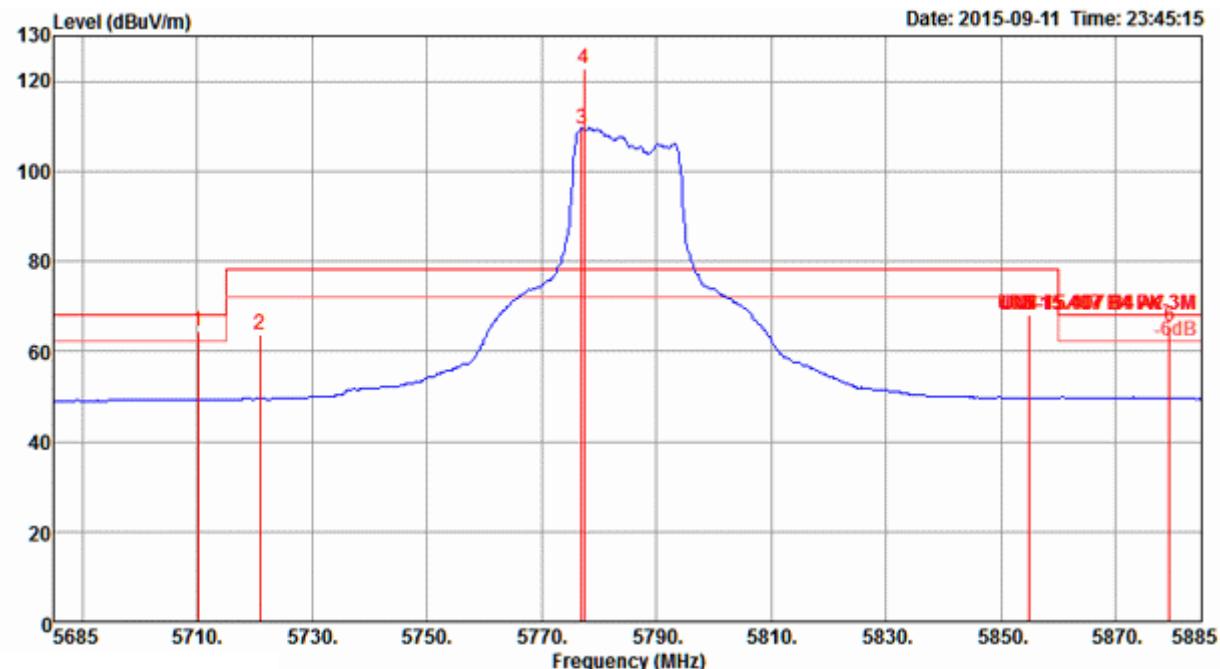
**Channel 149**


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	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

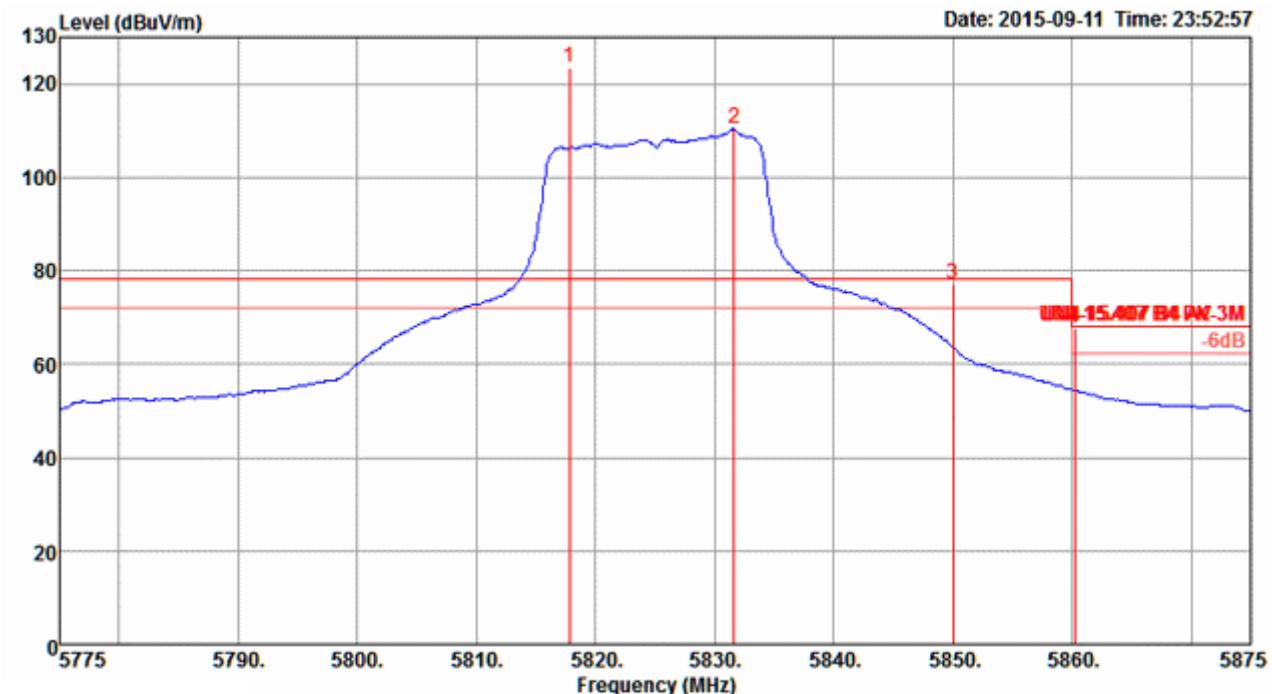


Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dB	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	Cm		
1 5710.20	64.59	68.20	-3.61	60.09	4.49	34.52	34.51	47	189	Peak	HORIZONTAL
2 5721.00	63.88	78.20	-14.32	59.32	4.50	34.57	34.51	47	189	Peak	HORIZONTAL
3 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

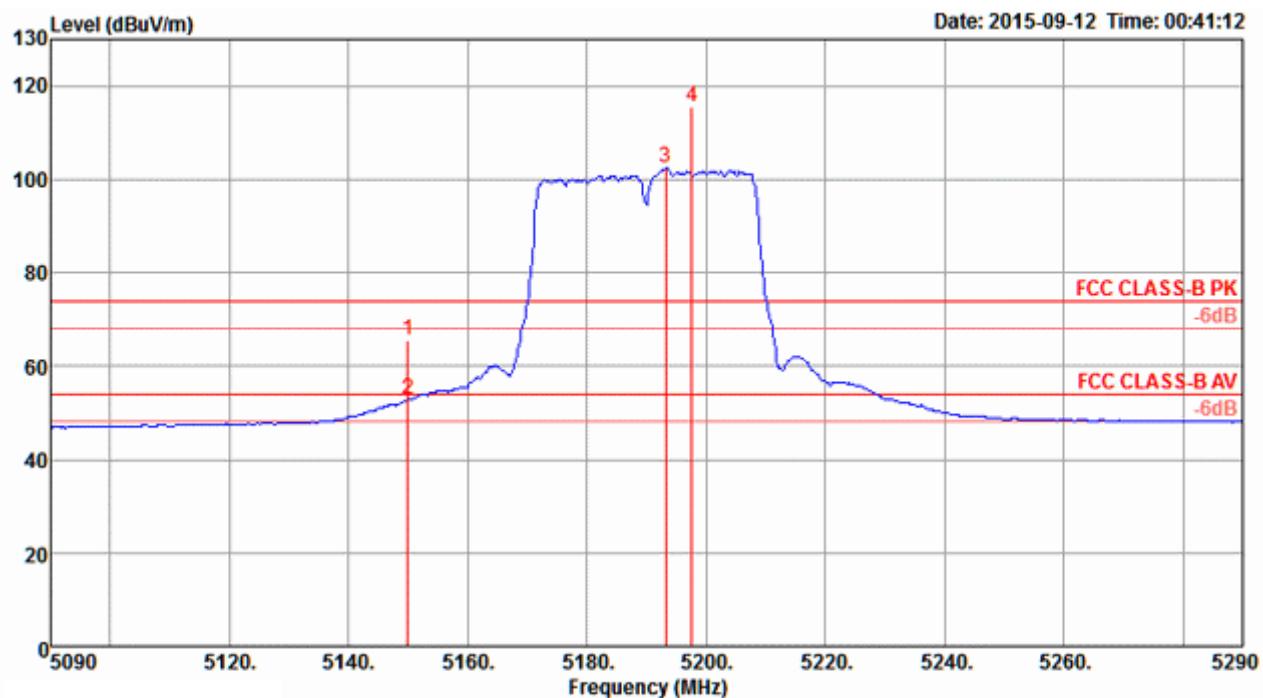


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm	
1	5817.80	123.39			118.56	4.53	34.83	34.53	50	178	Peak HORIZONTAL
2	5831.60	110.34			105.46	4.53	34.88	34.53	50	178	Average HORIZONTAL
3	5850.00	77.22	78.20	-0.98	72.29	4.54	34.93	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.

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

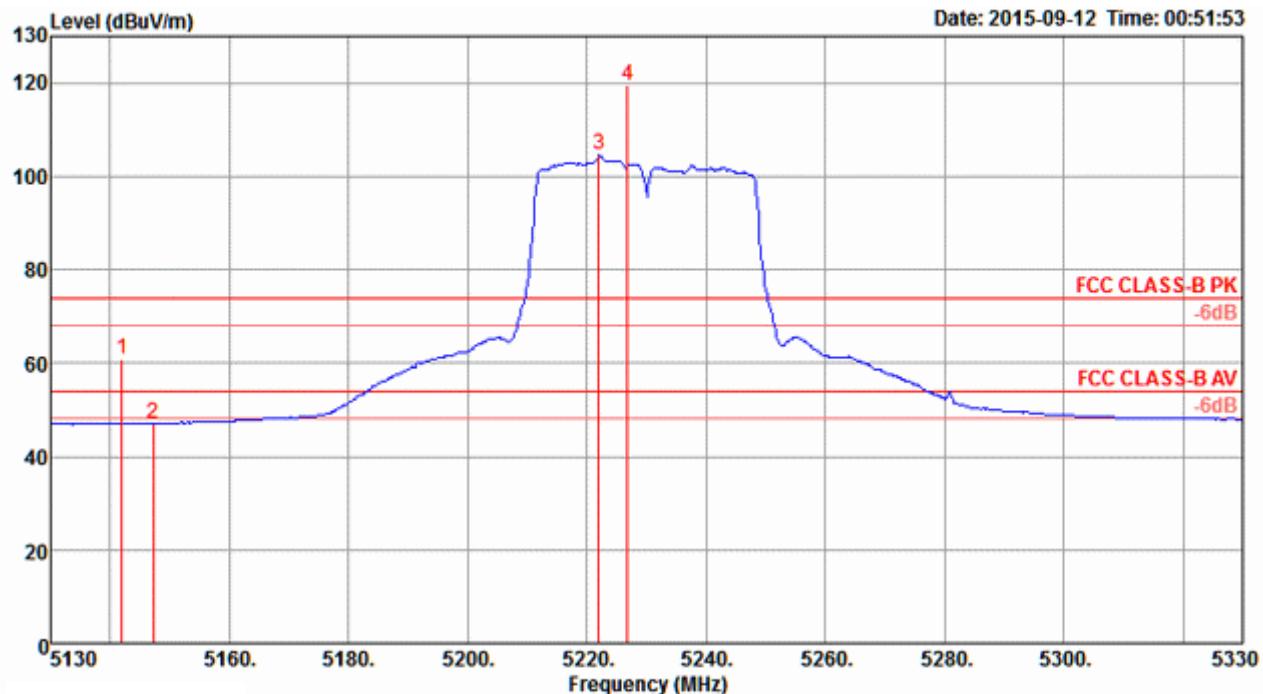
**Channel 38**


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	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

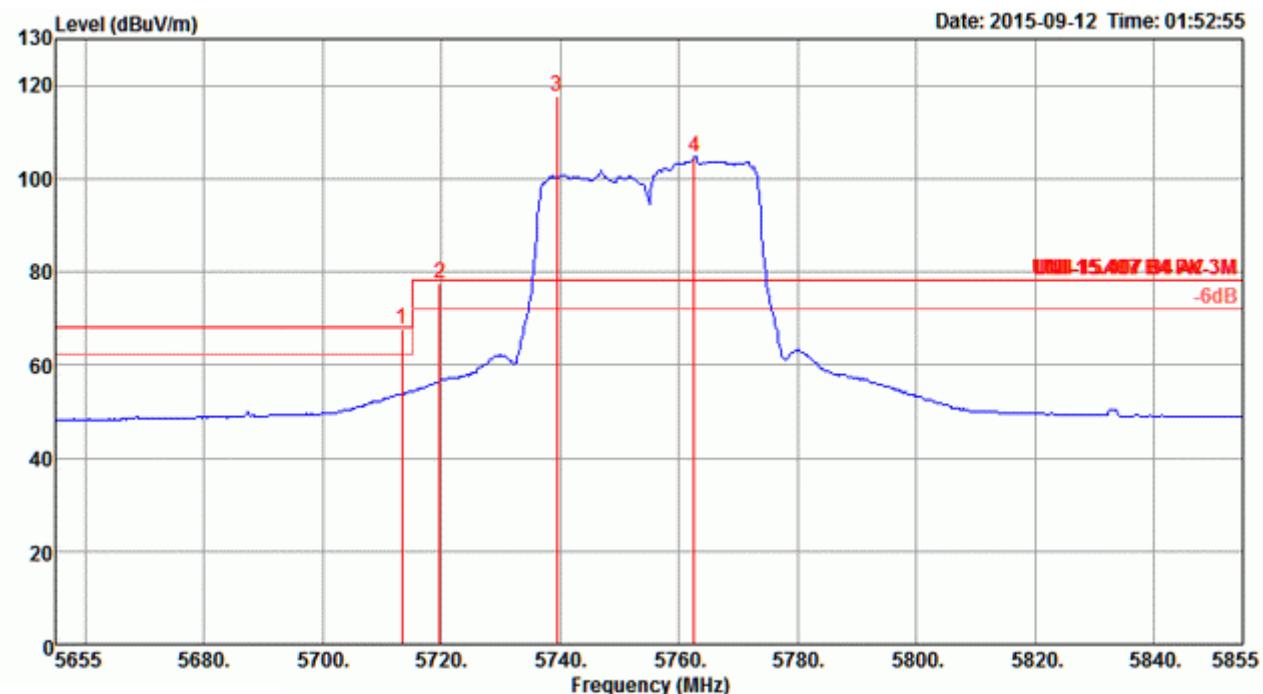


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5142.00	60.81	74.00	-13.19	57.75	4.26	33.27	34.47	299	231	Peak	HORIZONTAL
2	5147.20	47.19	54.00	-6.81	44.13	4.26	33.27	34.47	299	231	Average	HORIZONTAL
3	5222.00	104.53			101.32	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.

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

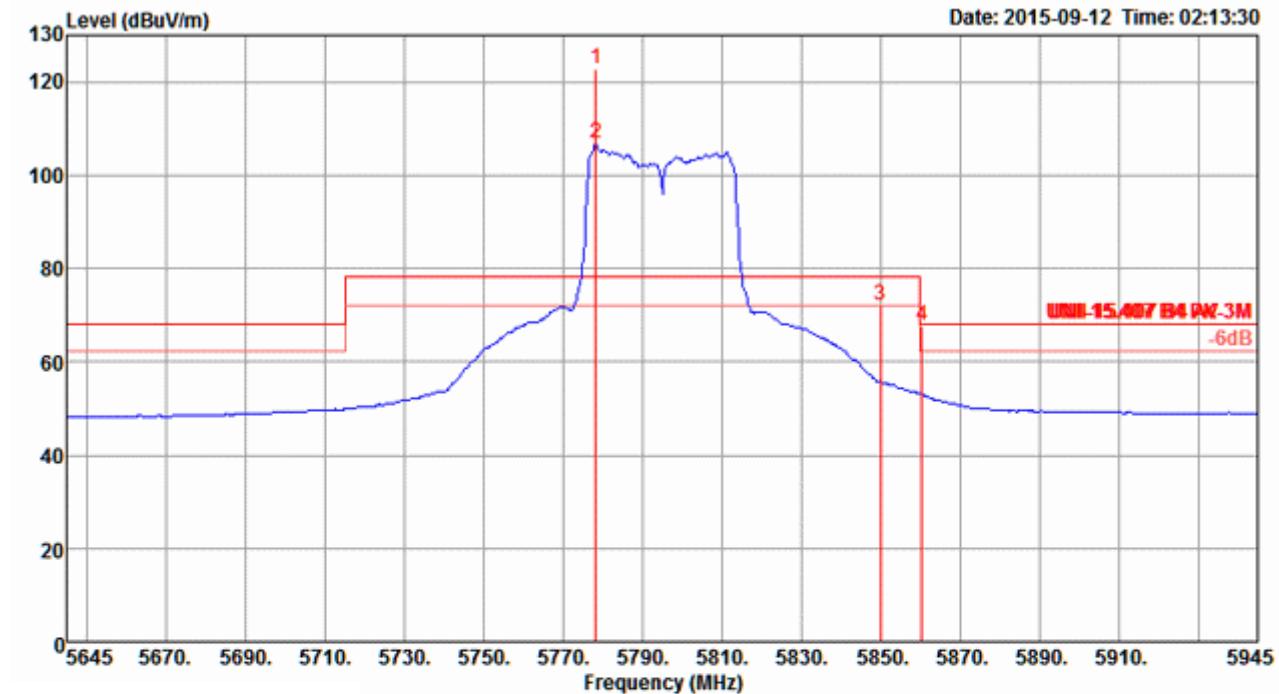
**Channel 151**


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	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

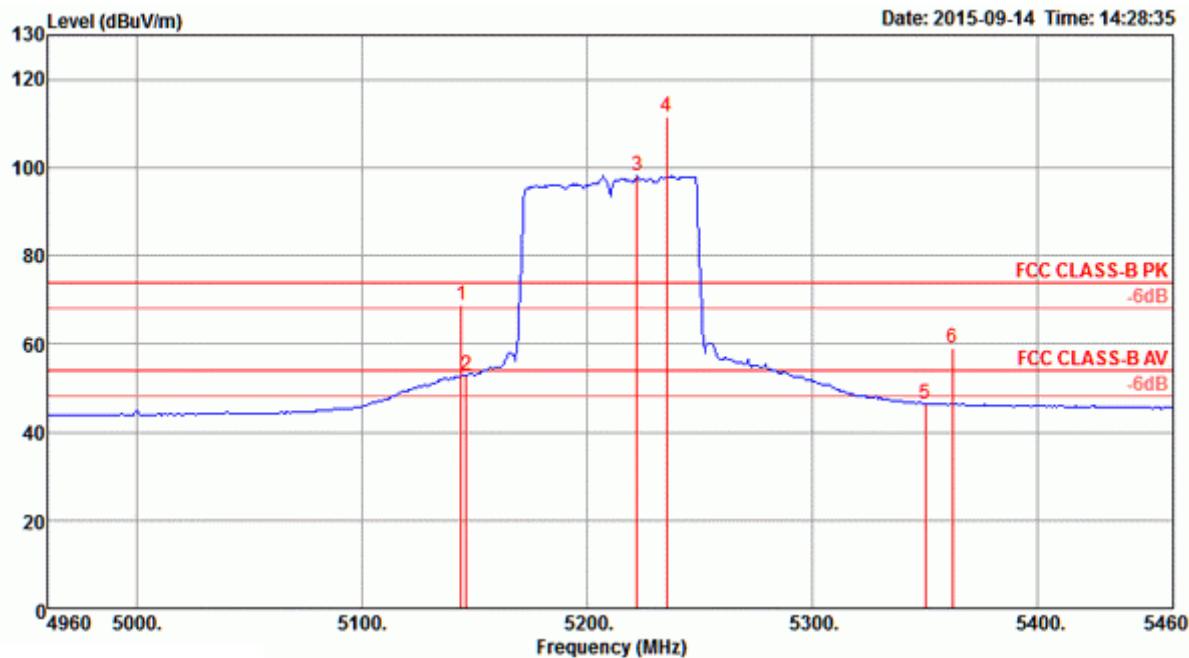


Freq	Level	Limit	Over	Read	Cable			Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Line	Limit	dBuV					
MHz	dBuV/m	dBuV/m		dB	dB	dB	dB	dB	deg	cm		
1 5778.20	122.58			117.86	4.52	34.73	34.53	47	164	Peak		HORIZONTAL
2 5778.20	106.76			102.04	4.52	34.73	34.53	47	164	Average		HORIZONTAL
3 5850.00	72.22	78.20	-5.98	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.

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

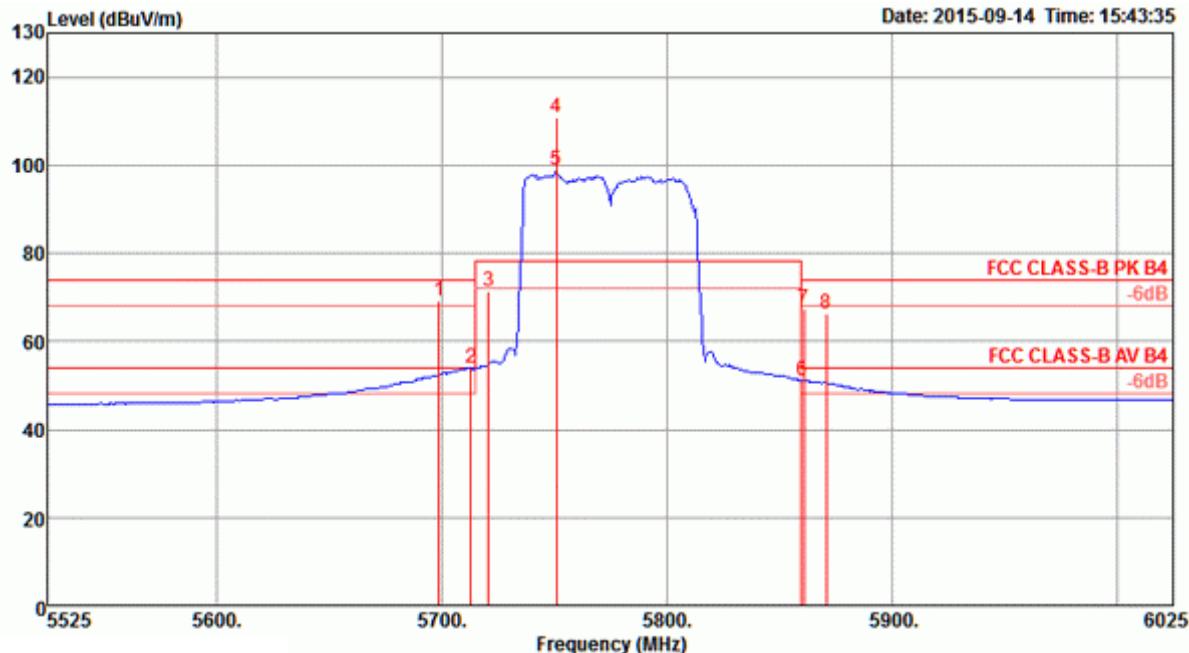
**Channel 42**

Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna Preamplifier			T/Pos	A/Pos	Remark	Pol/Phase
					Cable Loss	Antenna Factor	Preamplifier Factor				
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

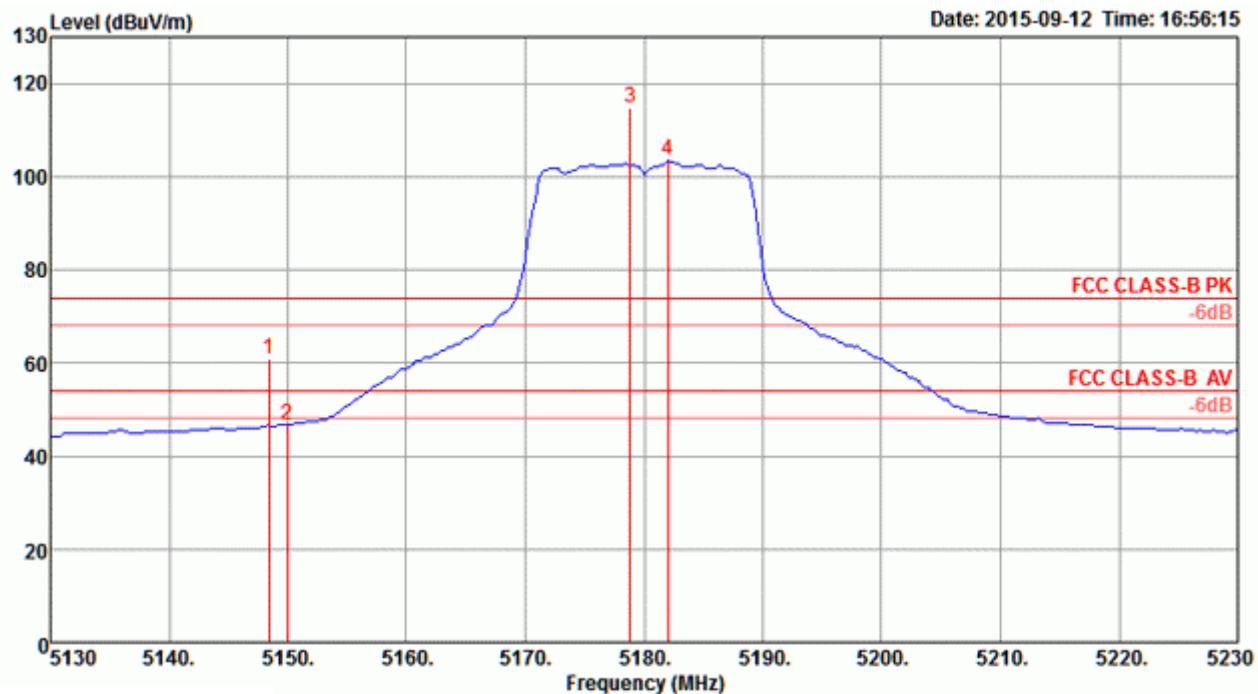


Freq	Level	Limit	Over	Read	Cable			Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Line	Limit	dB	dBuV	dB	dB/u	deg	cm
1	5699.00	69.19	74.00	-4.81	64.74	4.49	34.47	34.51	314	190	Peak	HORIZONTAL
2	5713.00	53.81	54.00	-0.19	49.31	4.49	34.52	34.51	314	190	Average	HORIZONTAL
3	5721.00	71.23	78.20	-6.97	66.67	4.50	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.

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

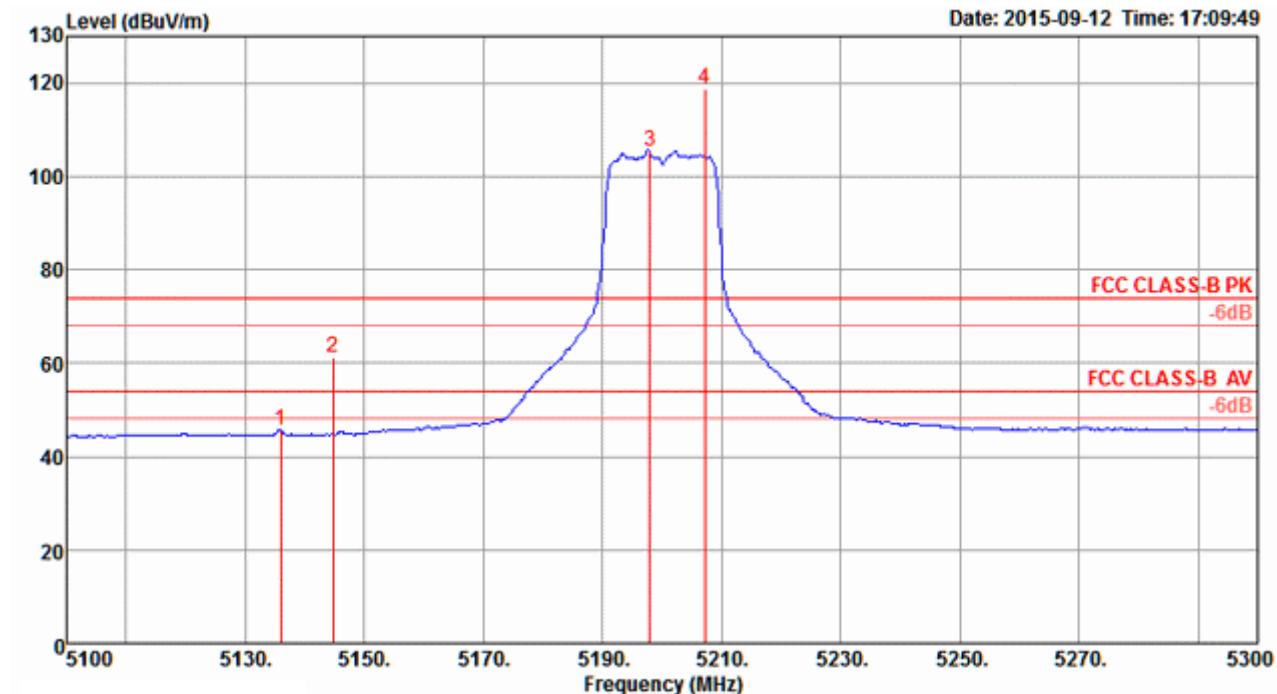
**Channel 36**


Freq	Level	Limit		Over Limit	Read Level	Cable		Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
		Line	dB			dBuV	dB						
MHz	dBuV/m	dBuV/m	dB										
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

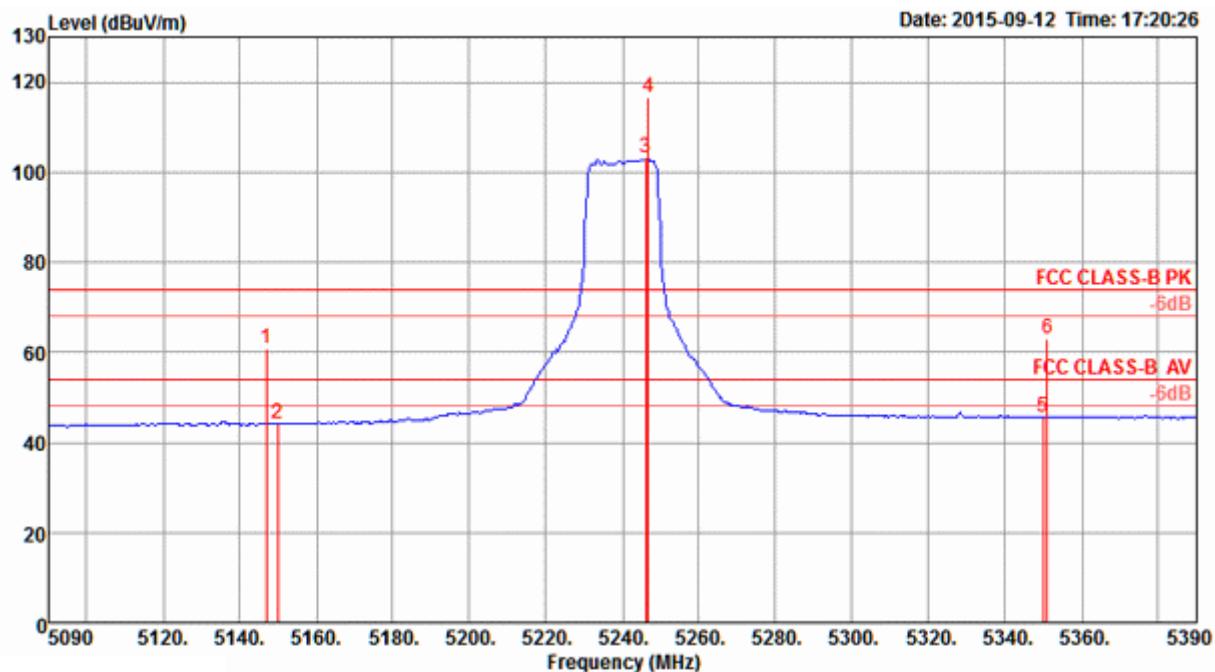


	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5136.00	45.49	54.00	-8.51	42.47	4.25	33.24	34.47	290	188	Average	HORIZONTAL
2	5144.80	61.31	74.00	-12.69	58.25	4.26	33.27	34.47	290	188	Peak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

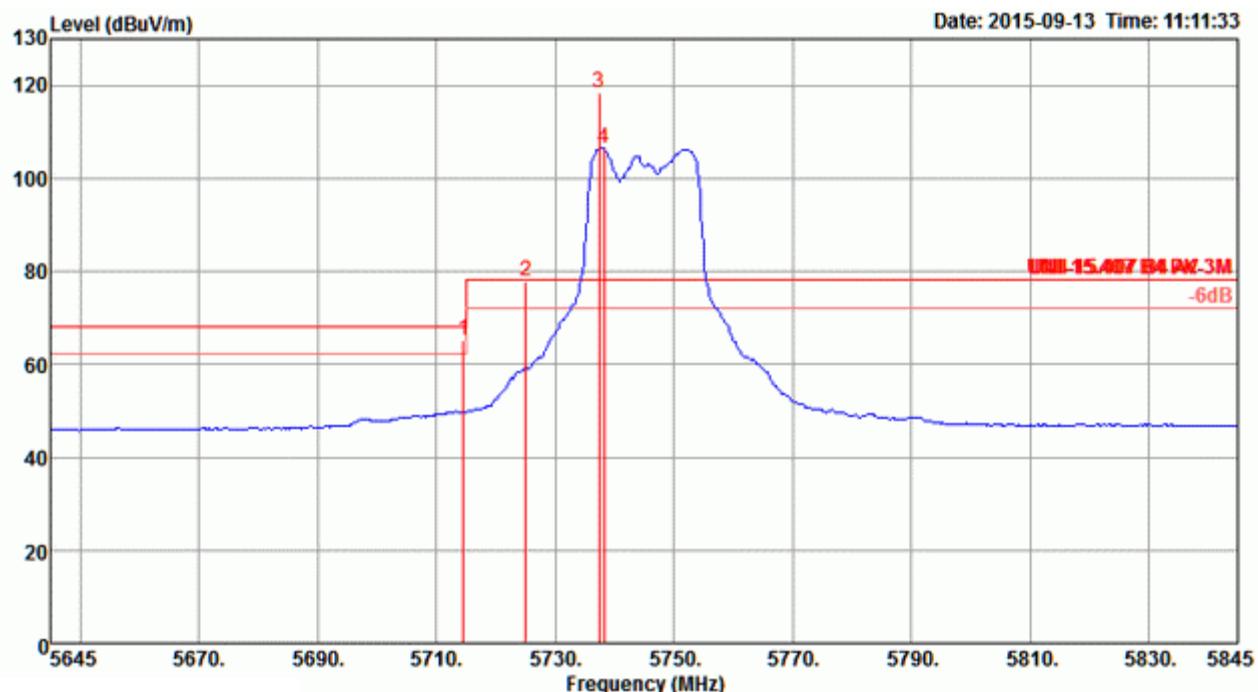


Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable Antenna Preamp			T/Pos deg	A/Pos cm	Remark	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor				
1 5147.00	60.93	74.00	-13.07	57.87	4.26	33.27	34.47	308	172	Peak	HORIZONTAL
2 5150.00	44.03	54.00	-9.97	40.97	4.26	33.27	34.47	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.

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

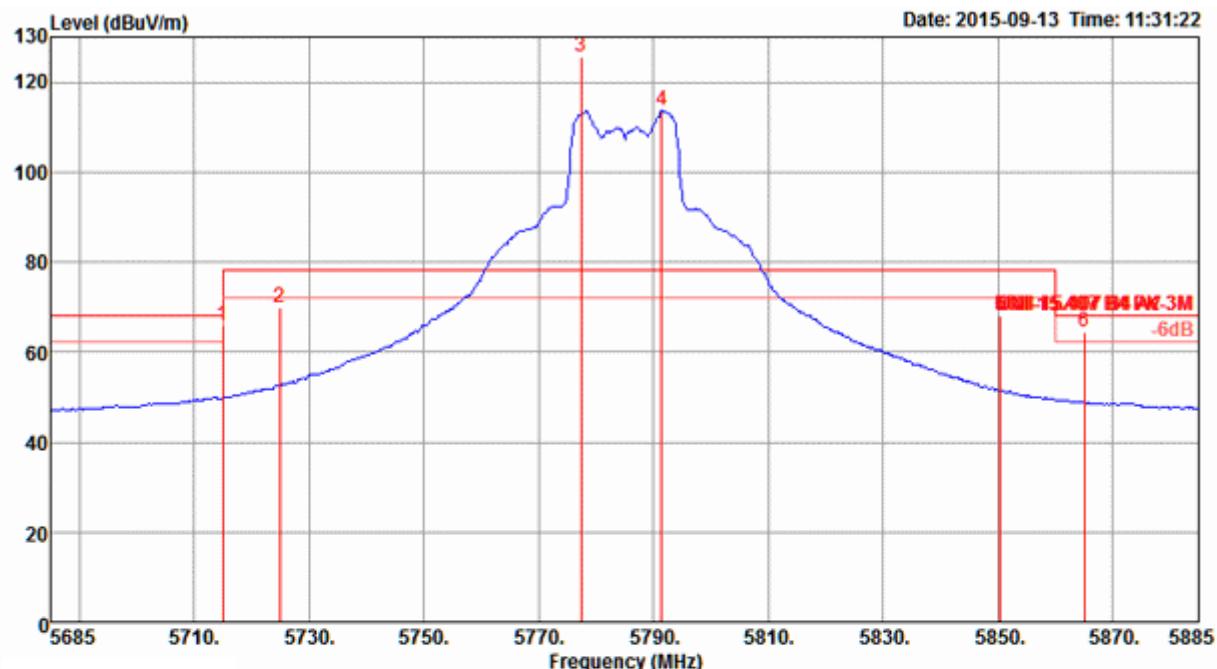
**Channel 149**


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	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

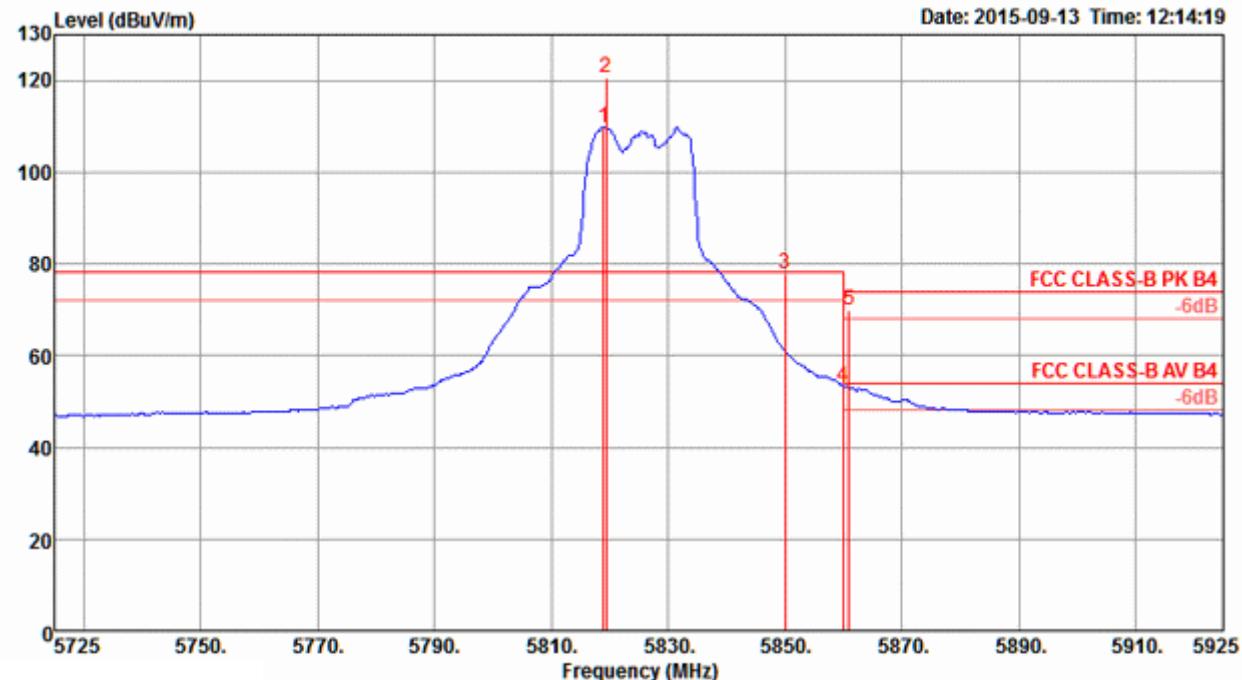


Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dB	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	cm		
1 5715.00	65.85	68.20	-2.35	61.35	4.49	34.52	34.51	45	150	Peak	HORIZONTAL
2 5725.00	70.00	78.20	-8.20	65.44	4.50	34.57	34.51	45	150	Peak	HORIZONTAL
3 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

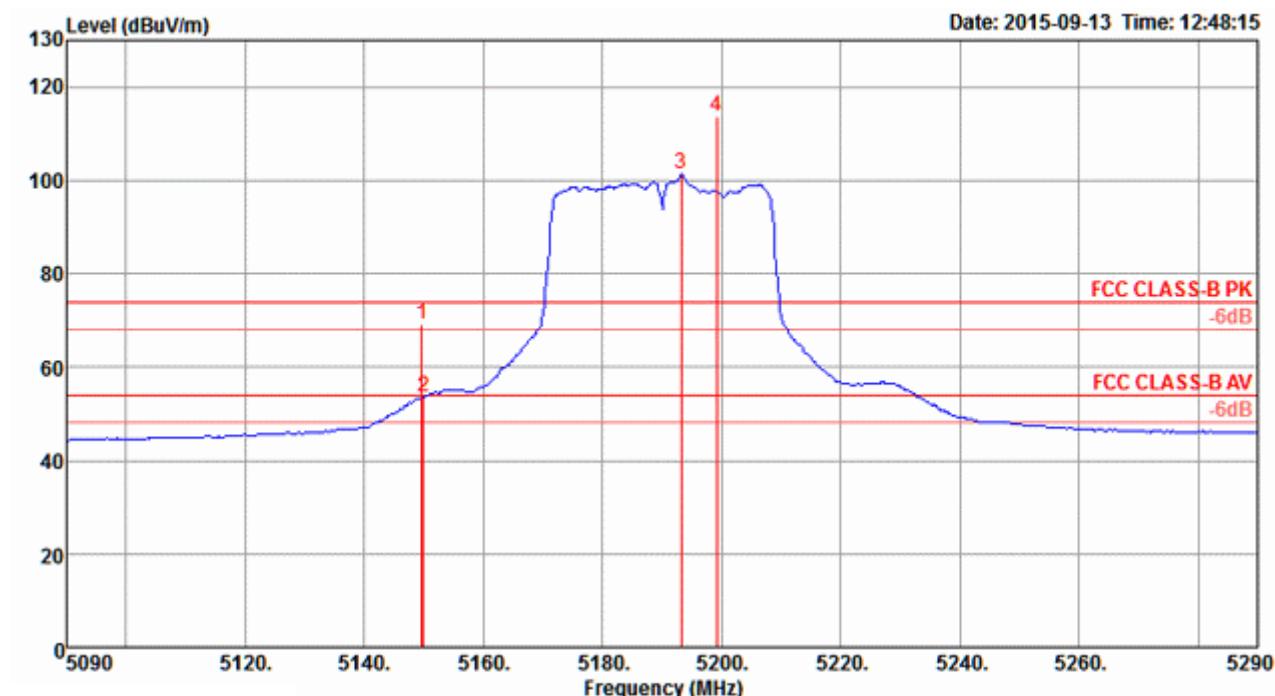


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dB	dB	dB	deg	cm		
1	5819.00	109.62			104.79	4.53	34.83	34.53	42	156	Average
2	5819.40	120.61			115.78	4.53	34.83	34.53	42	156	Peak
3	5850.00	77.84	78.20	-0.36	72.91	4.54	34.93	34.54	42	156	Peak
4	5860.00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

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.

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

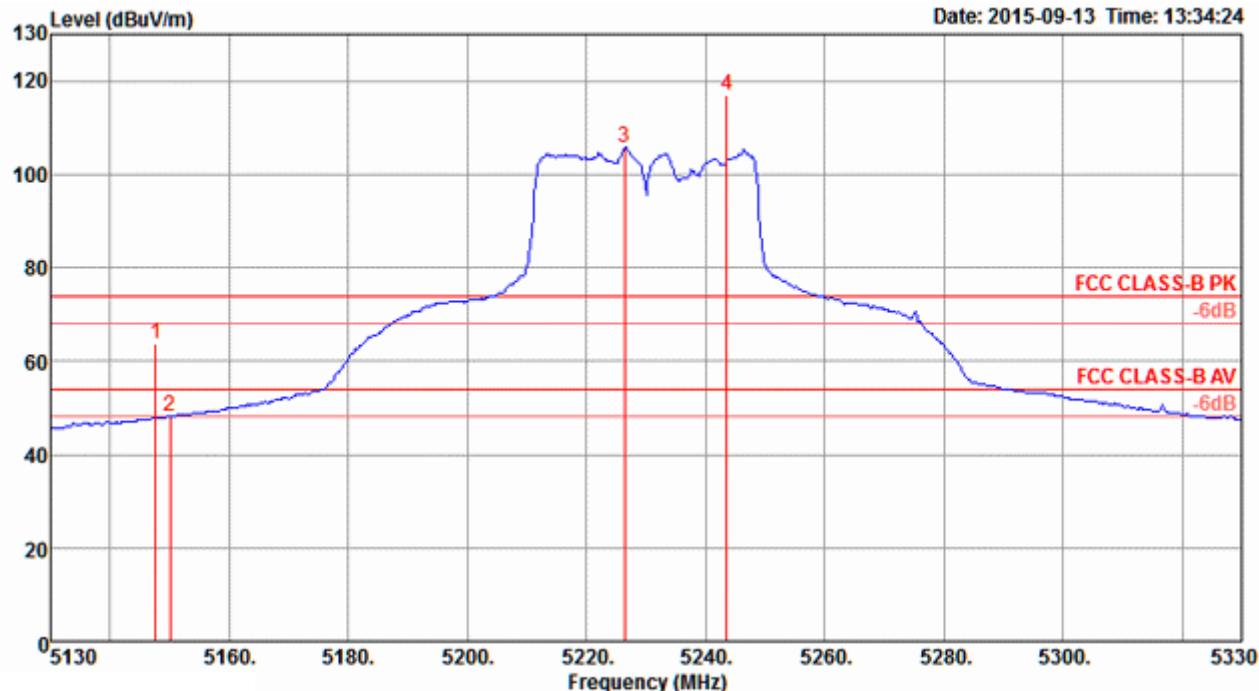
**Channel 38**


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	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

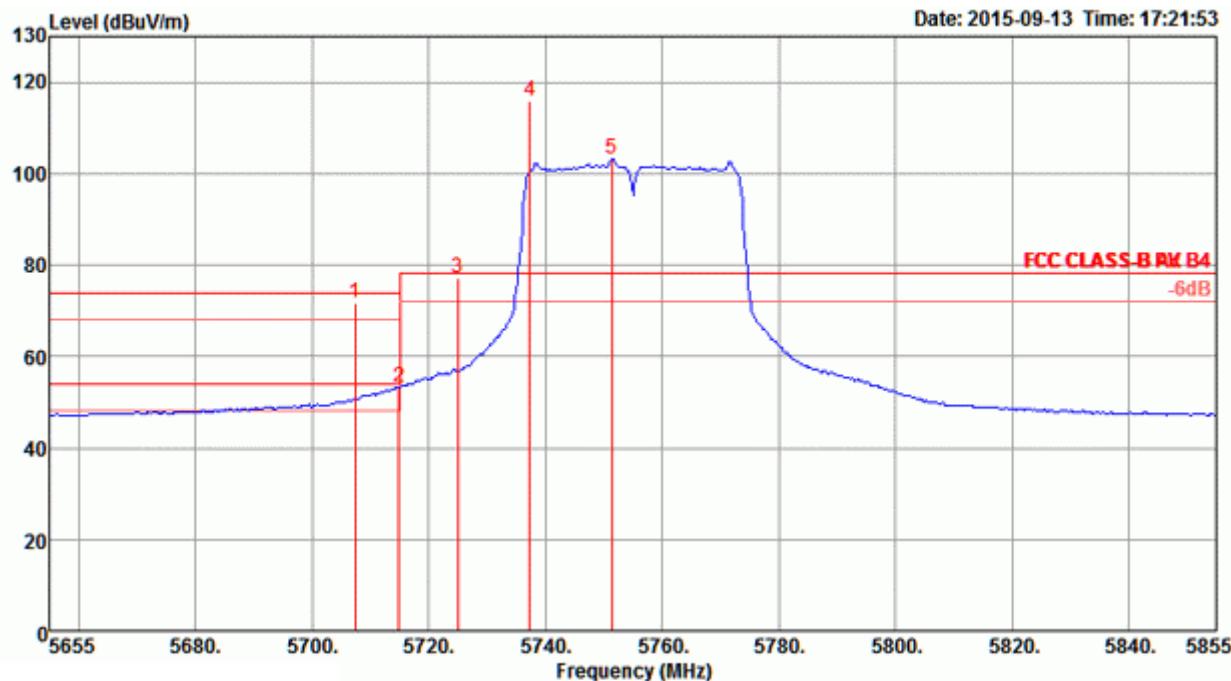


Freq	Level	Limit	Over	Read	Cable			Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Line	Limit	dBuV					
MHz	dBuV/m	dBuV/m			dB	dB	dBuV	dB	dB	deg	cm	
1 5147.60	63.82	74.00	-10.18	60.76	4.26	33.27	34.47	313	200	Peak		HORIZONTAL
2 5150.00	48.26	54.00	-5.74	45.20	4.26	33.27	34.47	313	200	Average		HORIZONTAL
3 5226.40	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.

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

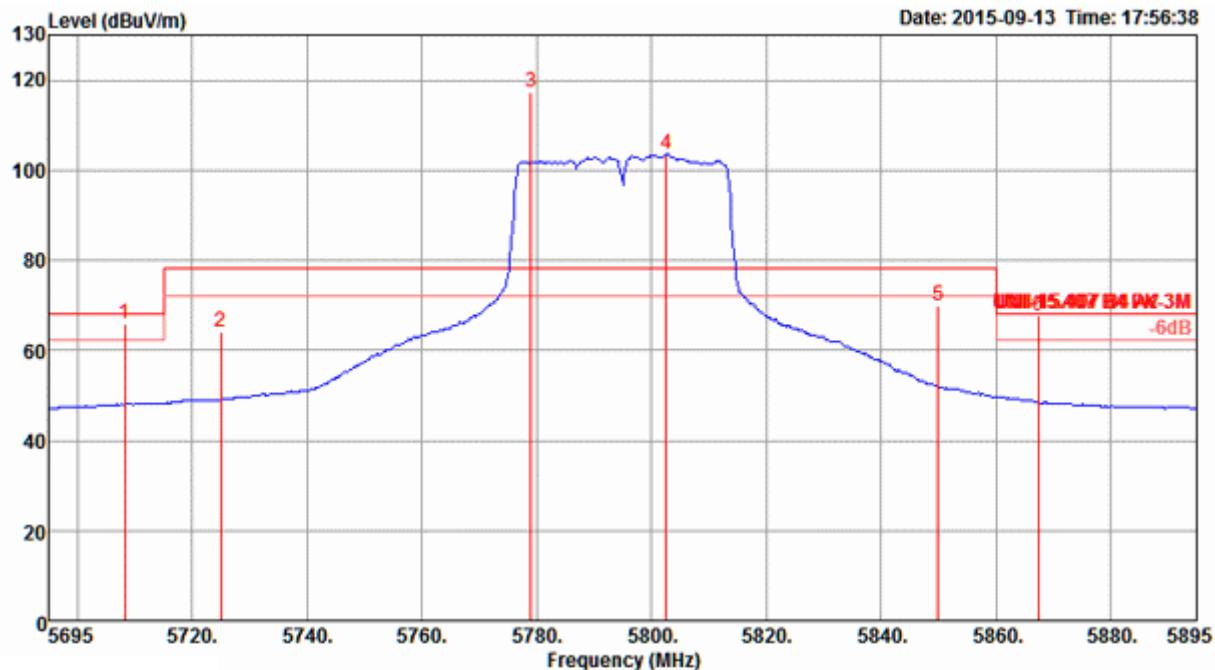
**Channel 151**


Freq MHz	Level dBuV/m	Limit Line dBuV/m	Over Limit dB	Read Level dBuV	Cable Antenna Preamp			T/Pos deg	A/Pos cm	Remark	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor				
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

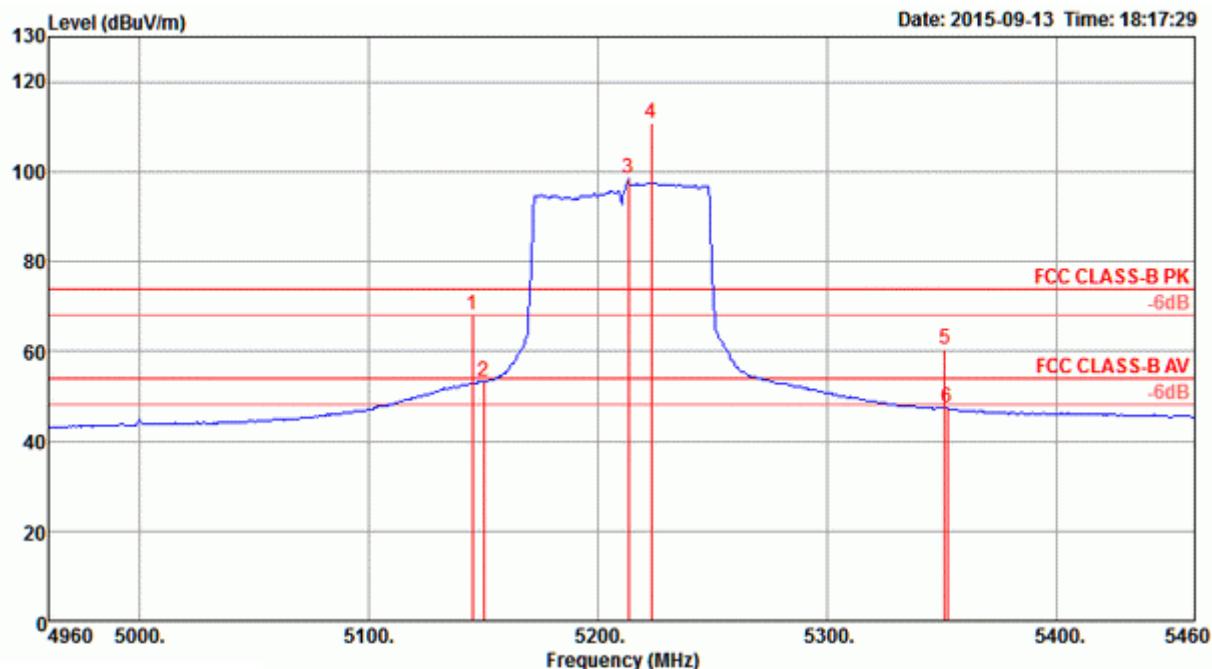


	Freq	Level	Limit	Over	Read	Cable	Antenna	Preamplifier	T/Pos	A/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	deg	cm		
1	5708.20	65.79	68.20	-2.41	61.29	4.49	34.52	34.51	52	154	Peak	HORIZONTAL
2	5725.00	64.25	78.20	-13.95	59.69	4.50	34.57	34.51	52	154	Peak	HORIZONTAL
3	5779.00	117.40			112.68	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.

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

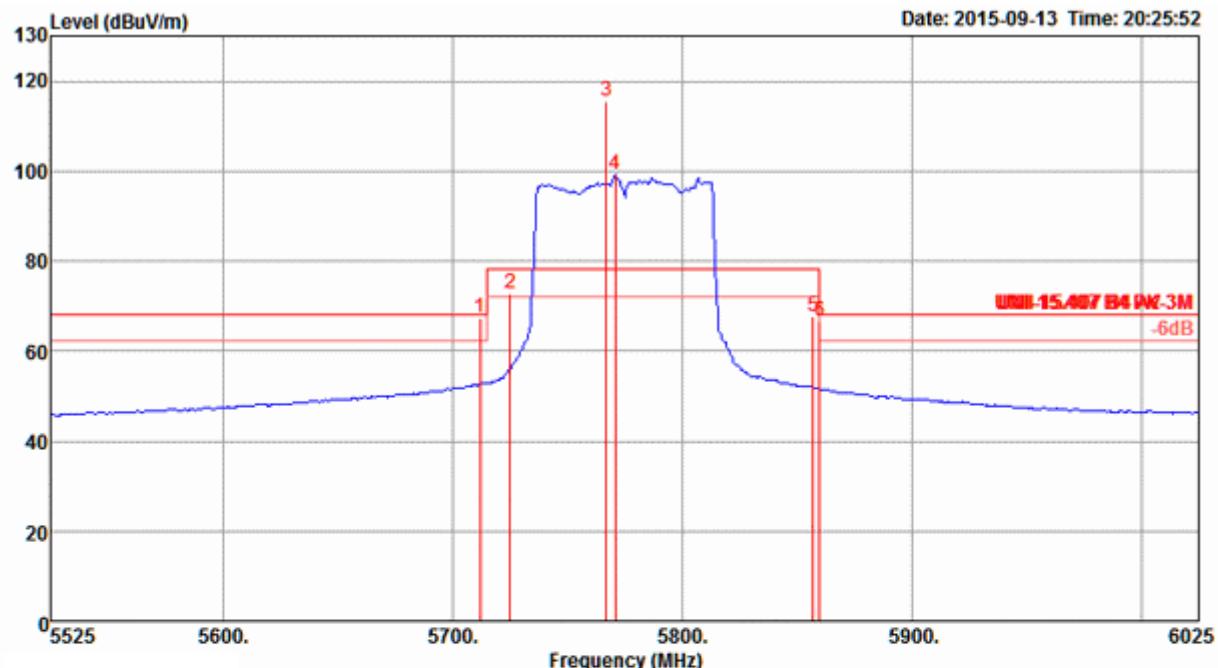
**Channel 42**


Freq MHz	Level dBuV/m	Limit Line dB	Over Limit dB	Read Level dBuV	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	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

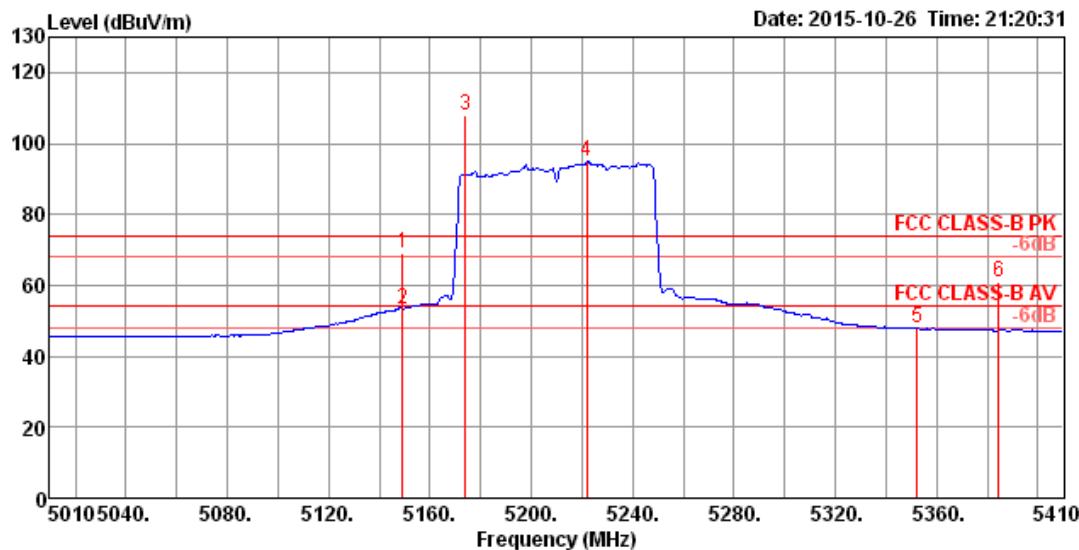


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	T/Pos	A/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	deg	cm		
1 5712.00	67.33	68.20	-0.87	62.83	4.49	34.52	34.51	48	183	Peak	HORIZONTAL
2 5725.00	72.82	78.20	-5.38	68.26	4.50	34.57	34.51	48	183	Peak	HORIZONTAL
3 5767.00	115.63			110.97	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.

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

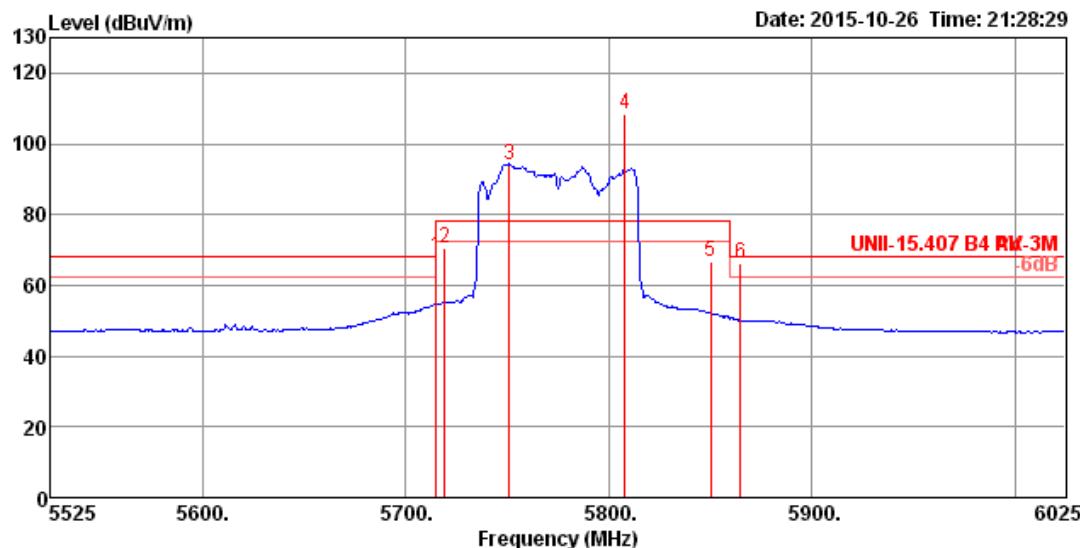
**Channel 42**


Freq	Level	Limit		Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
		Line	dB									
MHz	dBuV/m	dBuV/m	dB	dBuV		dB	dB/m	dB				
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		Over Limit	Read Level	Cable		Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
		Line	dB			dBuV	dB			cm	deg		
MHz	dBuV/m	dBuV/m	dB				dB	dB/m	dB				
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	

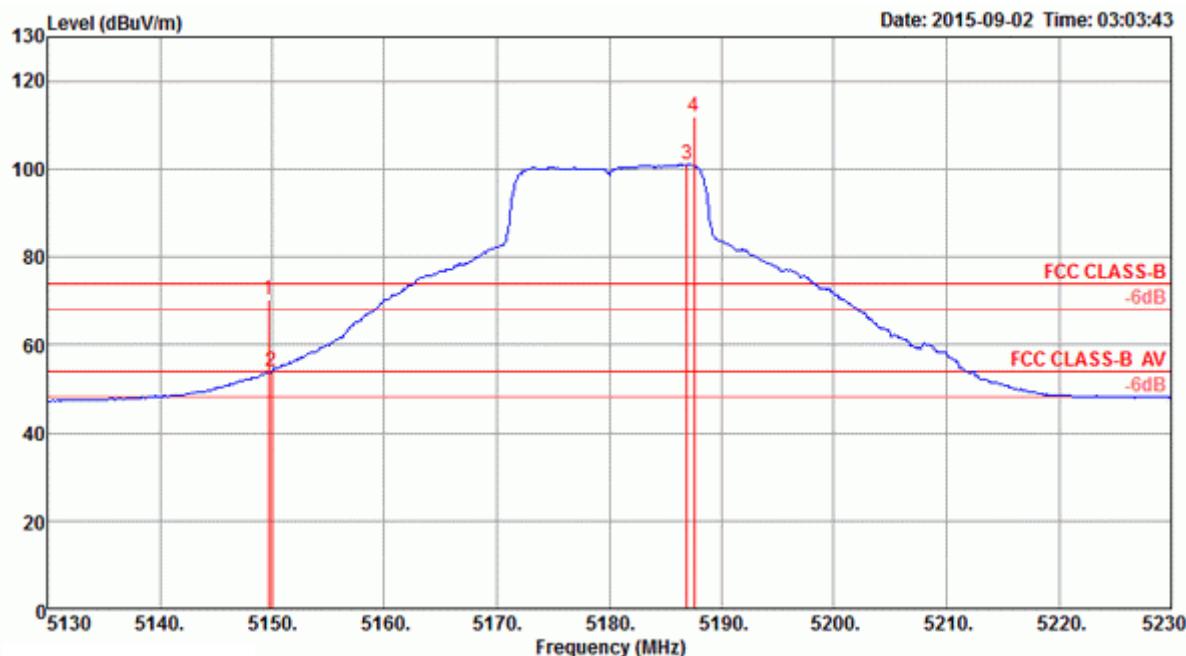
Item 3, 4 are the fundamental frequency at 5775 MHz.

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

## &lt;For Radio 3 Mode&gt;

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

## Channel 36

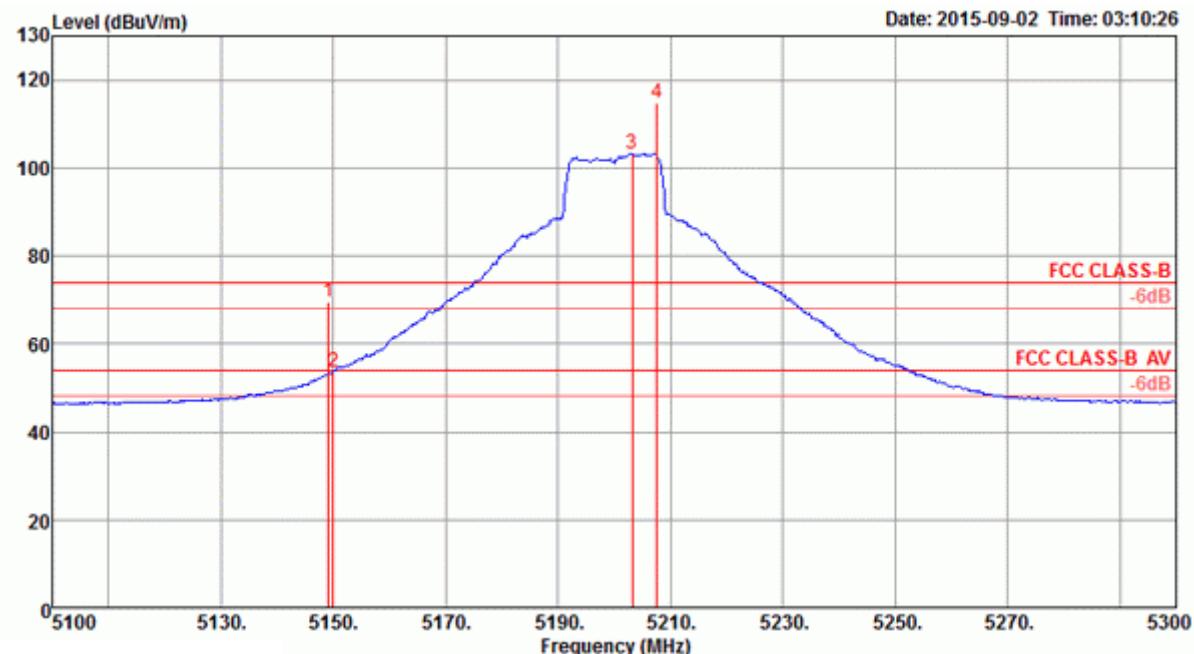


Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor			
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB/m	dB	cm	deg
1 5149.71	70.29	74.00	-3.71	63.75	6.13	34.04	33.63	Peak	133	349 VERTICAL
2 5150.00	53.81	54.00	-0.19	47.27	6.13	34.04	33.63	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.

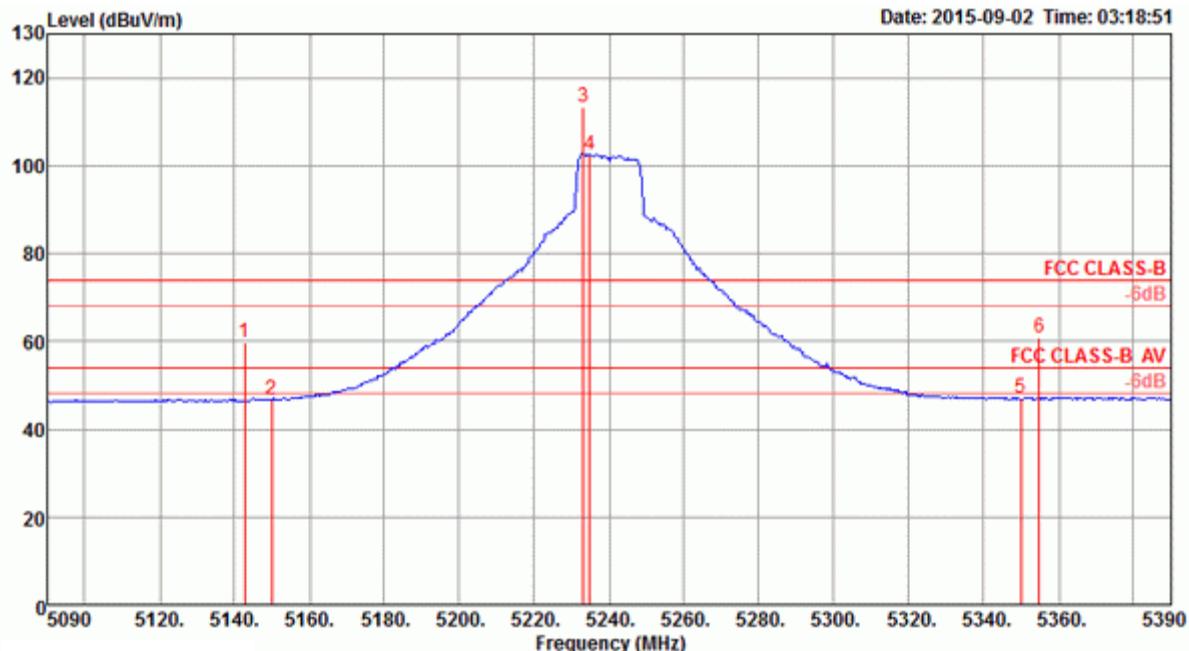
### Channel 40



Freq	Level	Limit Line	Over Limit	Read Level	Cable Antenna Preamp			A/Pos	T/Pos	Pol/Phase
					Cable Loss	Antenna Factor	Preamp Factor			
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.

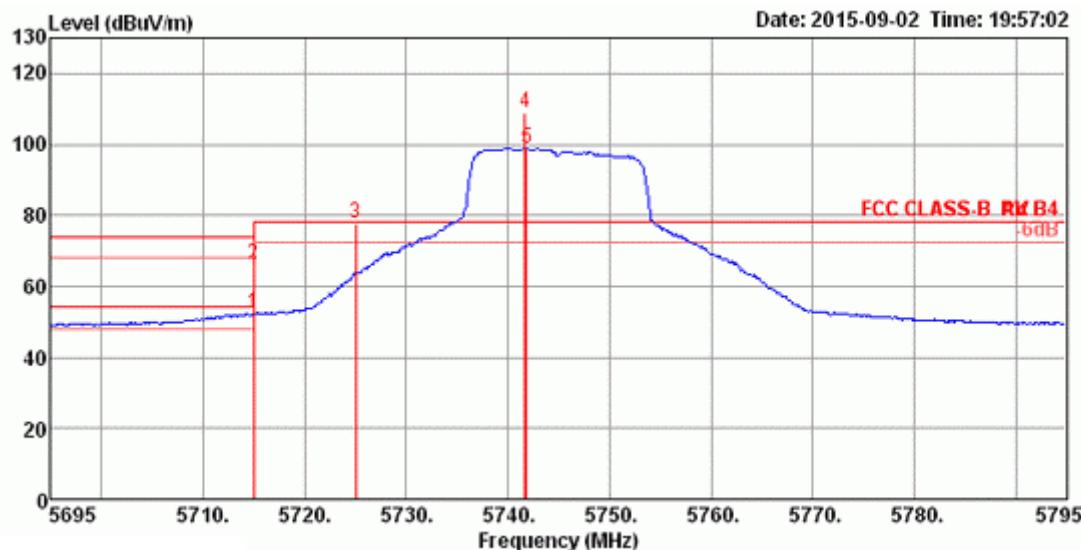
**Channel 48**

Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor			
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.

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

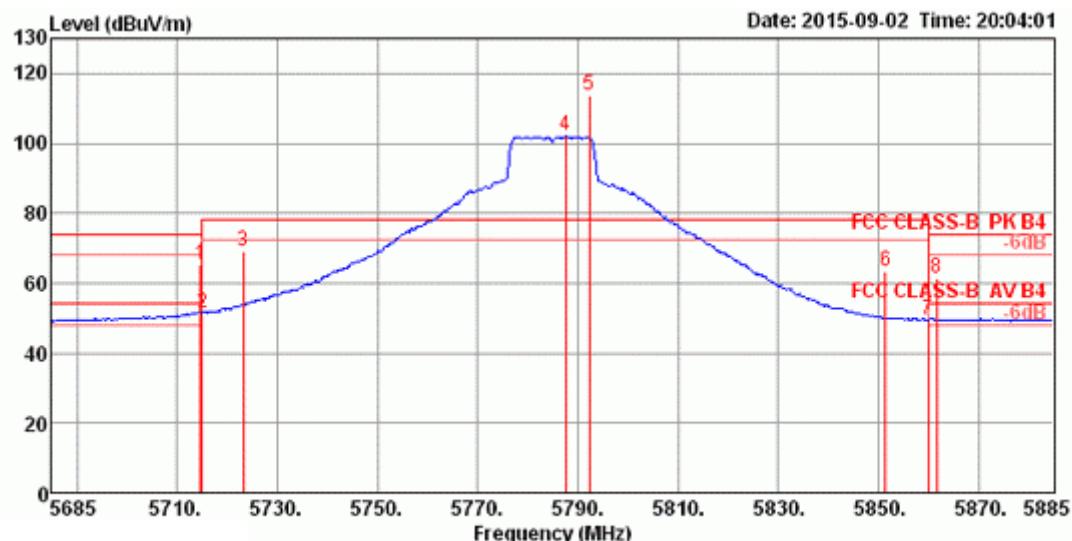
**Channel 149**


Freq	Level	Limit		Over Limit	Read Level	Cable Antenna Preamp			A/Pos	T/Pos	Remark	Pol/Phase
		Line	Cable			Loss	Antenna Factor	Preamp Factor				
	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

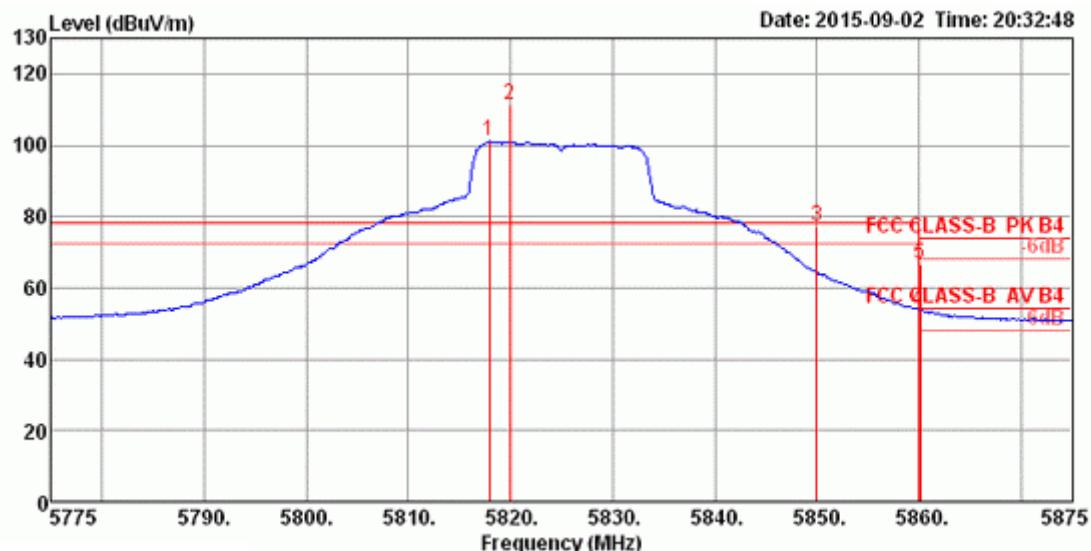


Freq	Level	Limit	Over	Read	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
		Line	Limit	Level	Loss	Factor	Factor	cm	deg		
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB/m	dB			
1	5714.71	65.47	74.00	-8.53	57.35	6.83	34.42	33.13	100	360 Peak	VERTICAL
2	5715.00	51.47	54.00	-2.53	43.35	6.83	34.42	33.13	100	360 Average	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

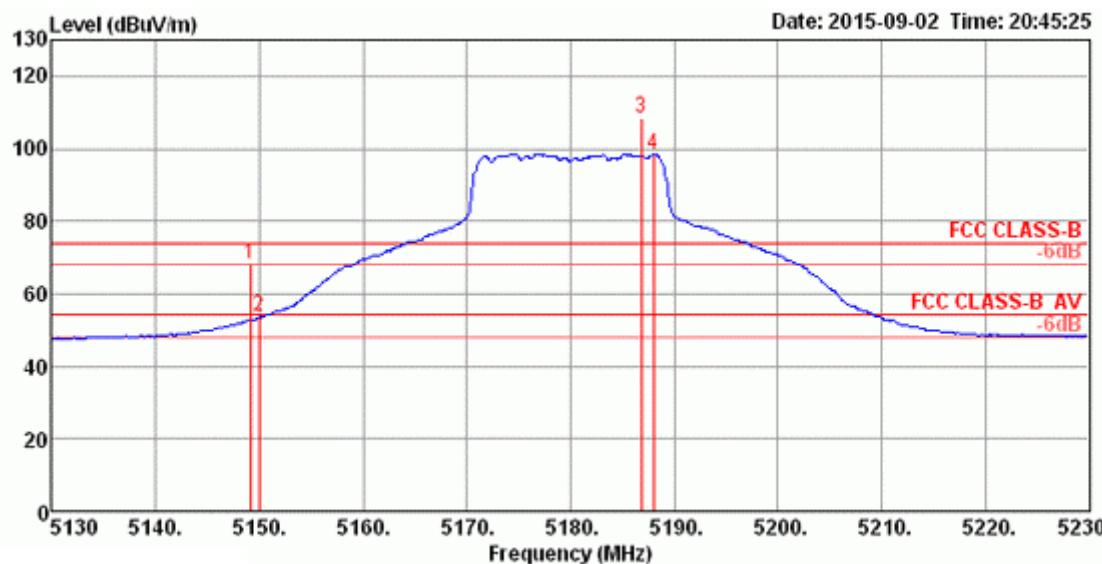


Freq	Level	Limit Line	Over Limit	Read Level	Cable	Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
					Loss	Factor	Factor	cm	deg		
1	5817.91	101.09			92.84	6.92	34.49	33.16	100	360	Average
2	5819.93	111.30			103.04	6.92	34.50	33.16	100	360	Peak
3	5850.00	77.42	78.20	-0.78	69.13	6.95	34.51	33.17	100	360	Peak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

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.

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

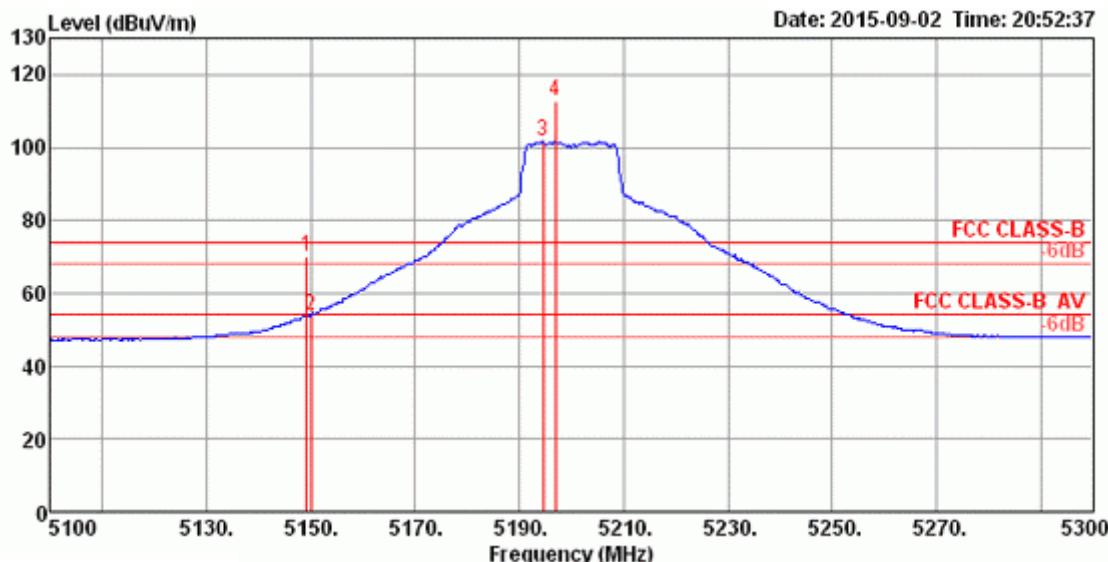
**Channel 36**


Freq	Level	Limit Line	Over Limit	Read Level	Cable			Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
					dB	dBuV	dB						
MHz	dBuV/m	dBuV/m											
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

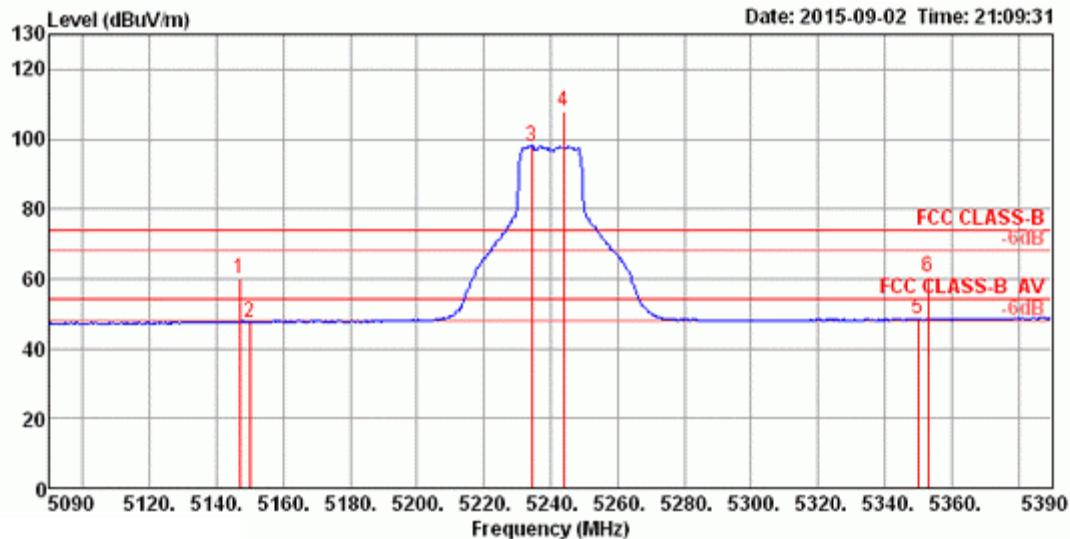


Freq	Level	Limit	Over	Read	Cable		Antenna	Preamp	A/Pos	T/Pos	Remark	Pol/Phase
					Line	Limit						
MHz	dBuV/m	dBuV/m		dB	dBuV	dB	dB/m	dB	cm	deg		
1 5149.13	69.82	74.00	-4.18	62.92	6.21	33.74	33.05	100	21	Peak	VERTICAL	
2 5150.00	53.90	54.00	-0.10	47.00	6.21	33.74	33.05	100	21	Average	VERTICAL	
3 5194.50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