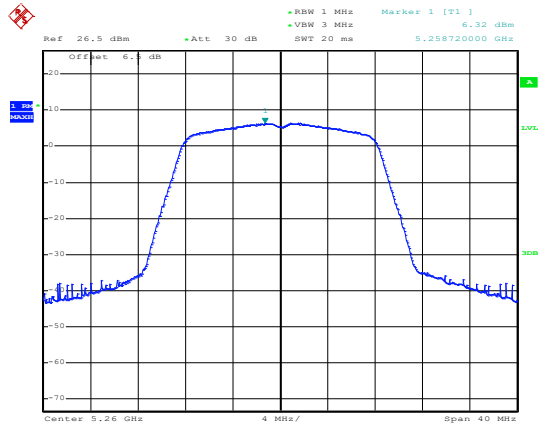


Band 2

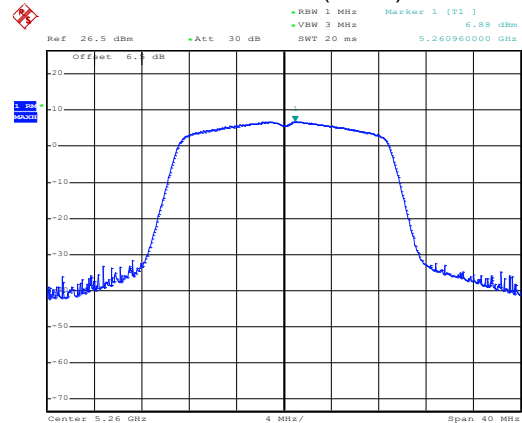
802.11a



Date: 2.SEP.2020 16:49:07

Lowest channel

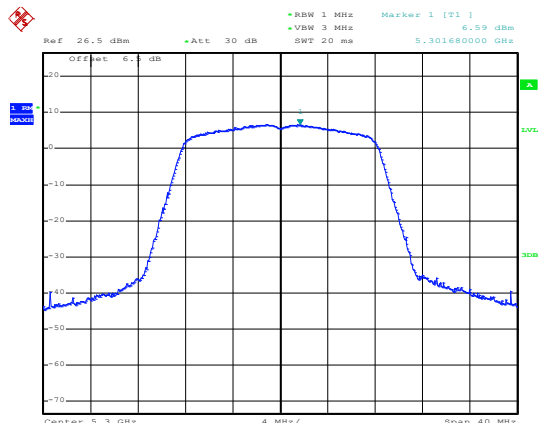
802.11n(HT20)



Date: 2.SEP.2020 16:50:41

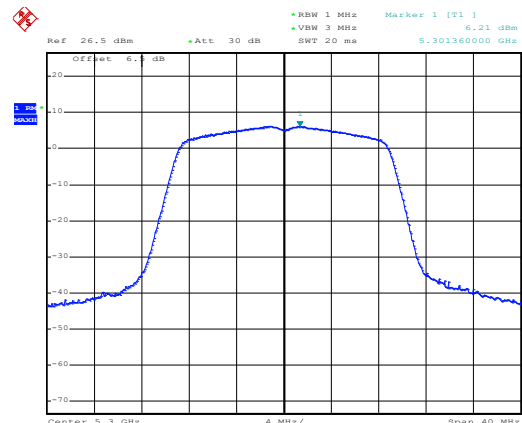
Middle channel

Middle channel



Date: 2.SEP.2020 16:49:31

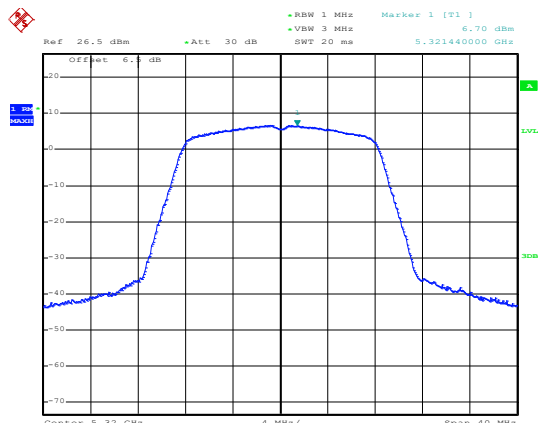
Middle channel



Date: 2.SEP.2020 16:50:18

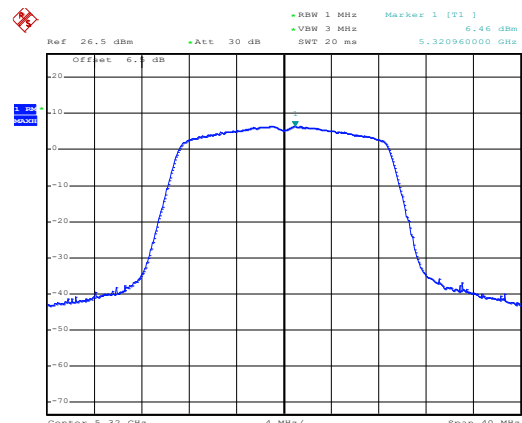
Middle channel

Highest channel



Date: 2.SEP.2020 16:49:51

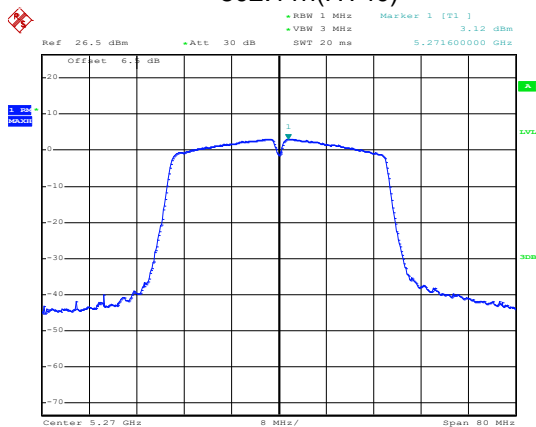
Highest channel



Date: 2.SEP.2020 16:50:04

Highest channel

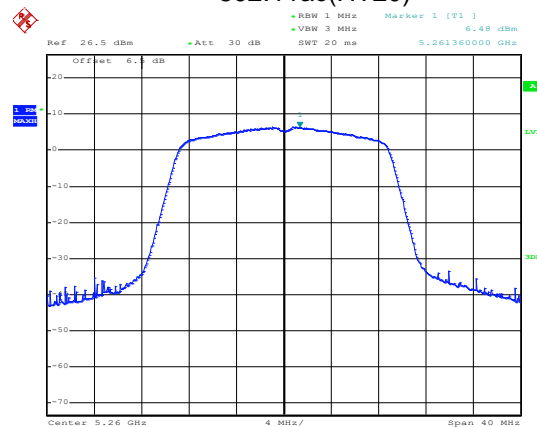
802.11n(HT40)



Date: 2.SEP.2020 16:57:03

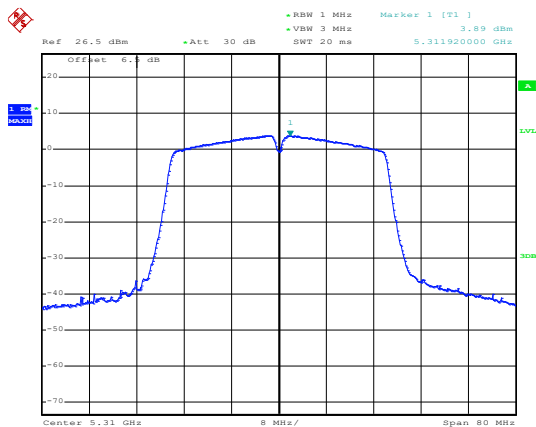
Lowest channel

802.11ac(HT20)



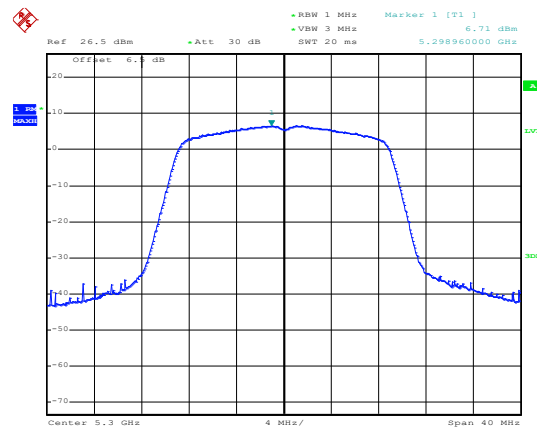
Date: 2.SEP.2020 16:50:52

Middle channel



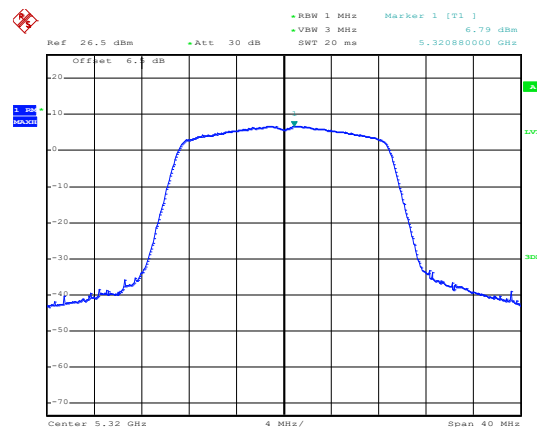
Date: 2.SEP.2020 16:56:52

Highest channel



Date: 2.SEP.2020 16:51:05

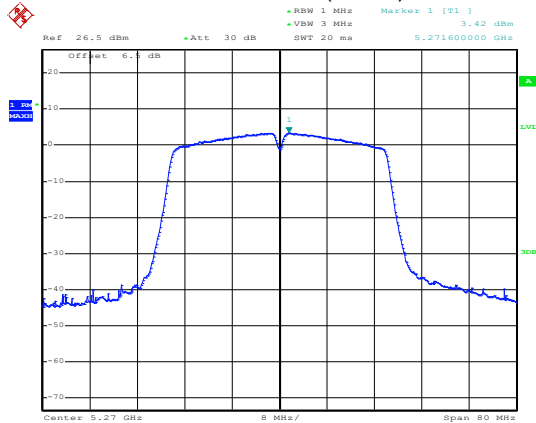
Middle channel



Date: 2.SEP.2020 16:51:24

Highest channel

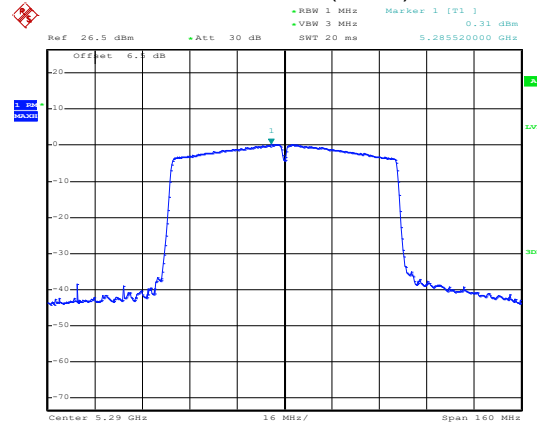
802.11ac(HT40)



Date: 2.SEP.2020 16:56:30

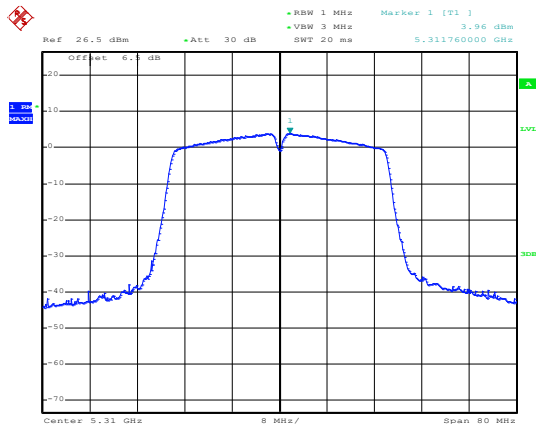
Lowest channel

802.11ac(HT80)



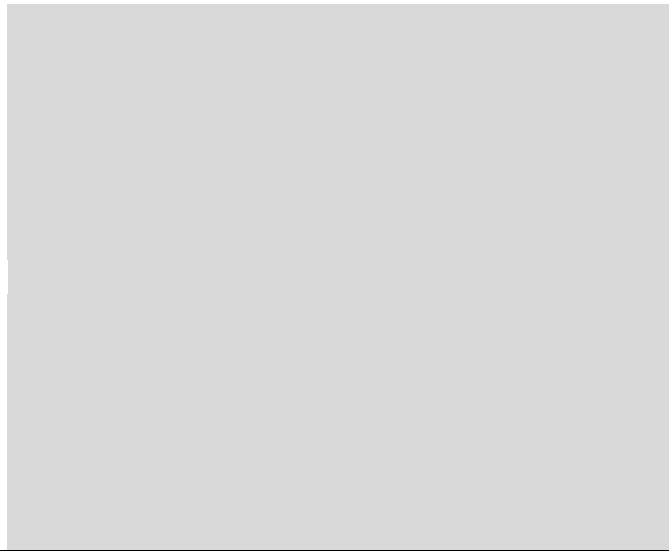
Date: 2.SEP.2020 16:58:46

Middle channel



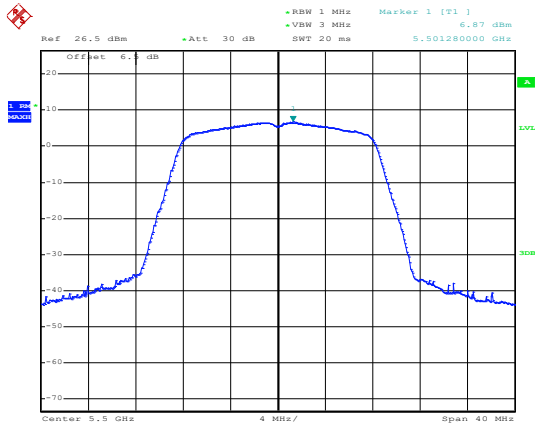
Date: 2.SEP.2020 16:56:40

Highest channel



Band 3

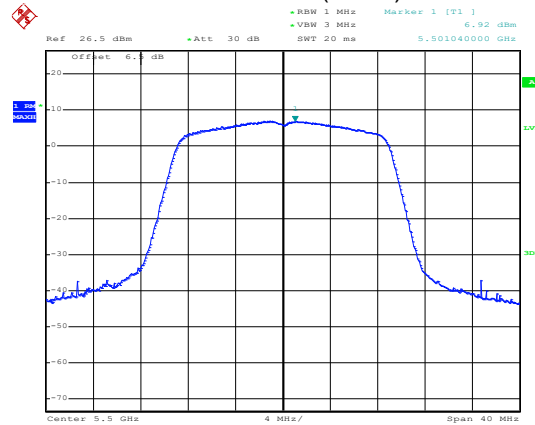
802.11a



Date: 2.SEP.2020 16:53:44

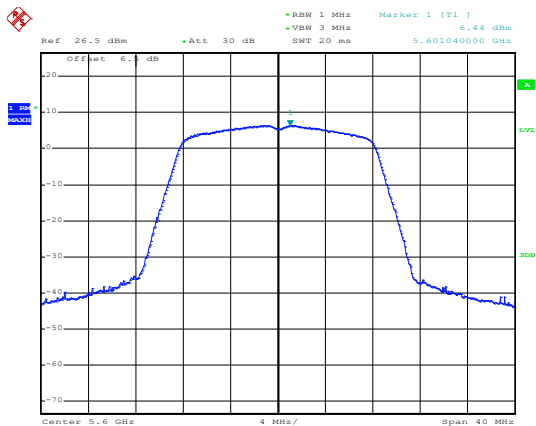
Lowest channel

802.11n(HT20)



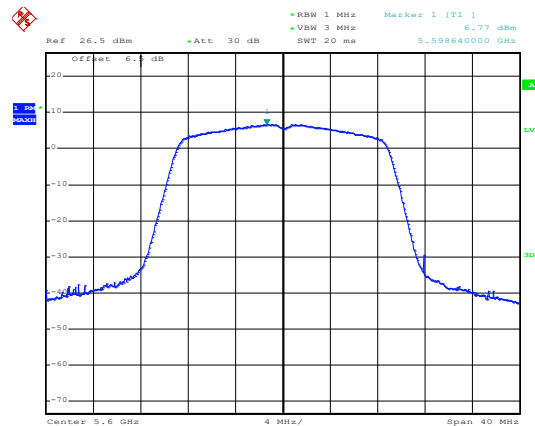
Date: 2.SEP.2020 16:53:13

Middle channel



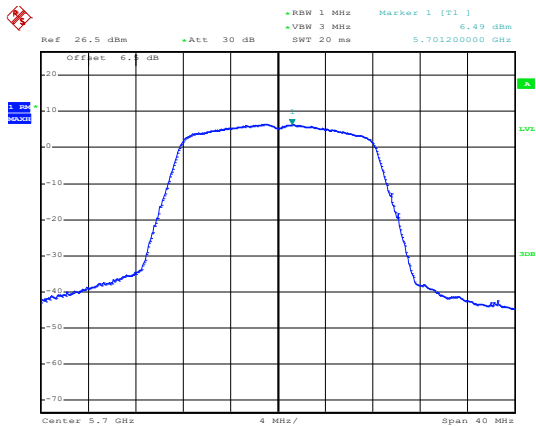
Date: 2.SEP.2020 16:54:06

Middle channel



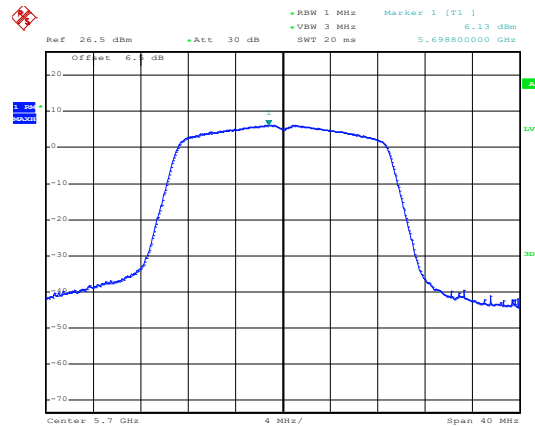
Date: 2.SEP.2020 16:52:52

Middle channel



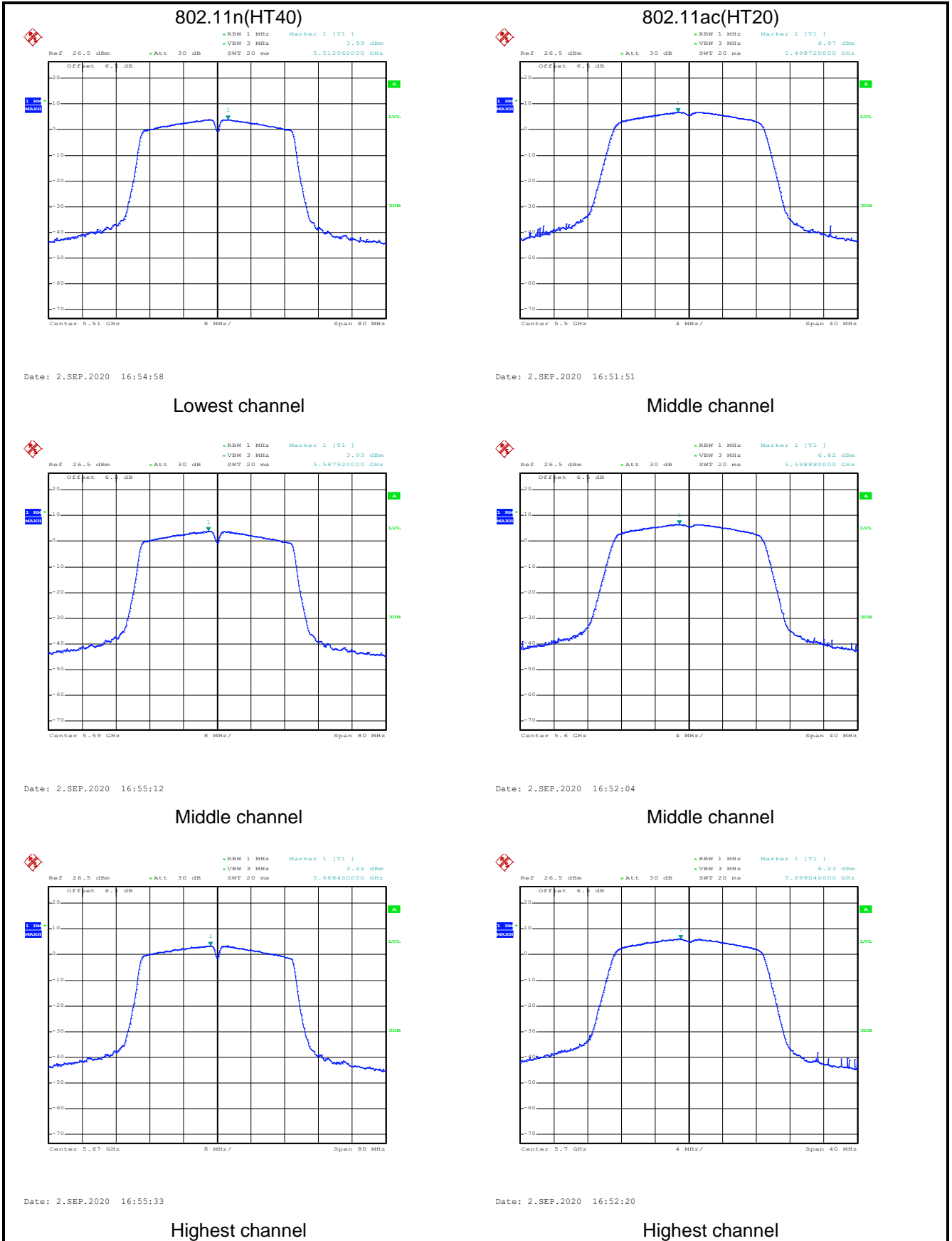
Date: 2.SEP.2020 16:54:22

Highest channel

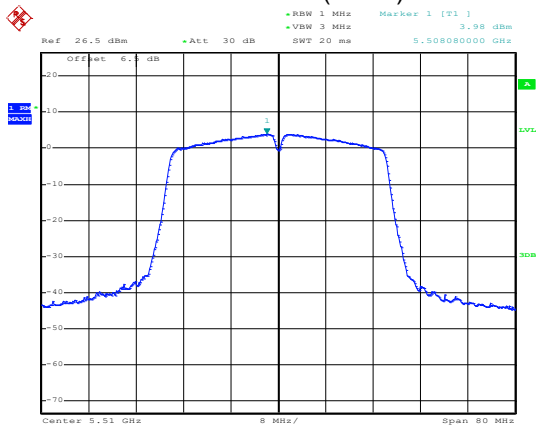


Date: 2.SEP.2020 16:52:33

Highest channel



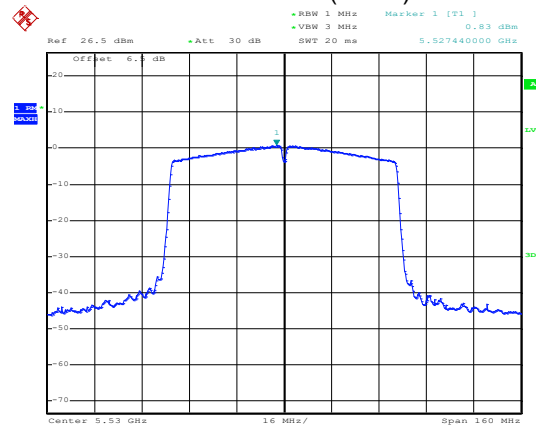
802.11ac(HT40)



Date: 2.SEP.2020 16:56:11

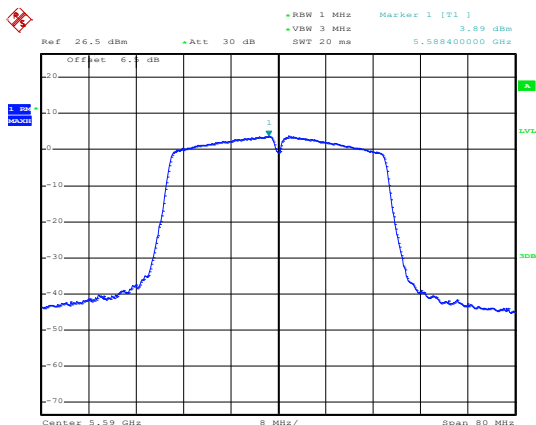
Lowest channel

802.11ac(HT80)



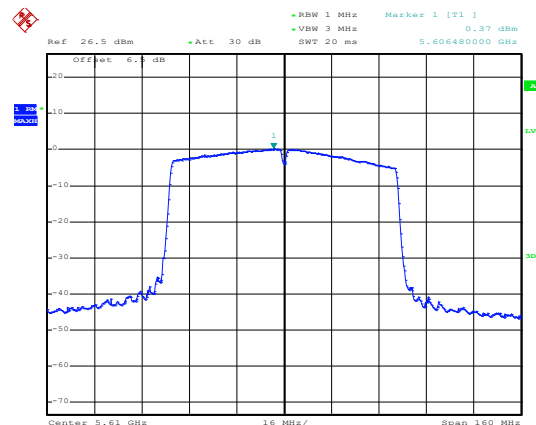
Date: 2.SEP.2020 16:59:08

Middle channel



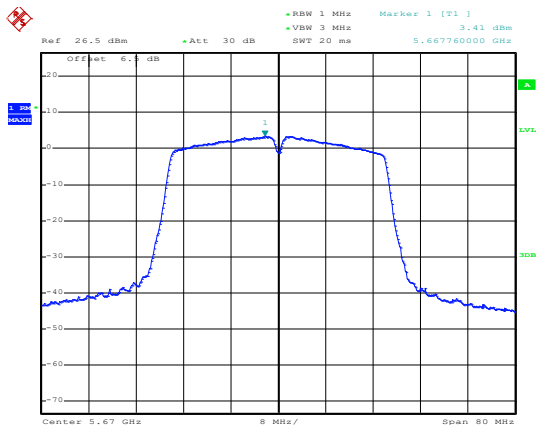
Date: 2.SEP.2020 16:55:59

Middle channel



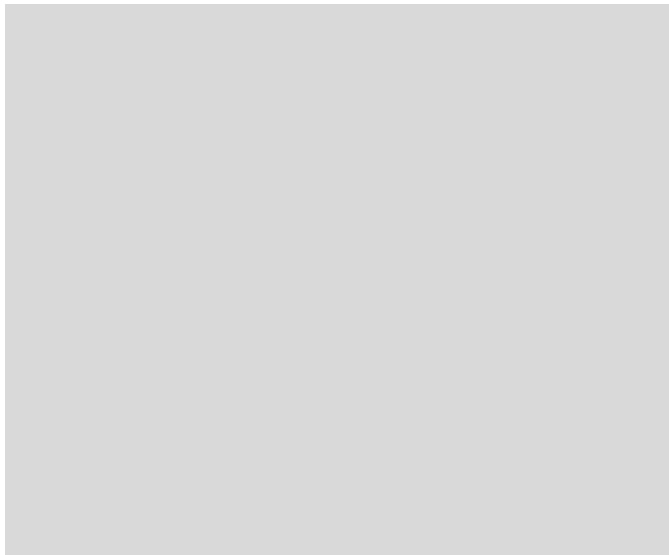
Date: 2.SEP.2020 16:59:18

Highest channel



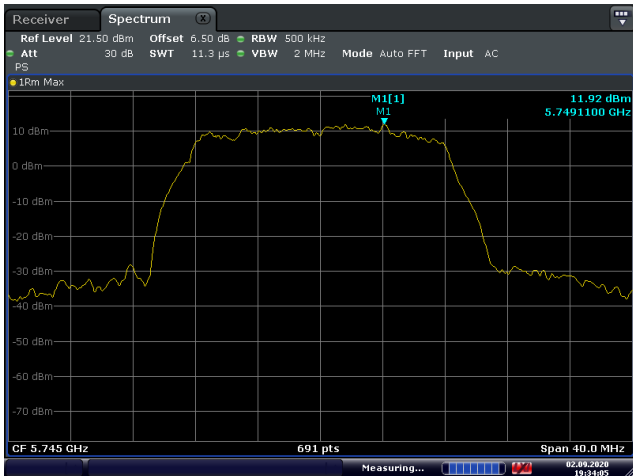
Date: 2.SEP.2020 16:55:45

Highest channel



Band 4

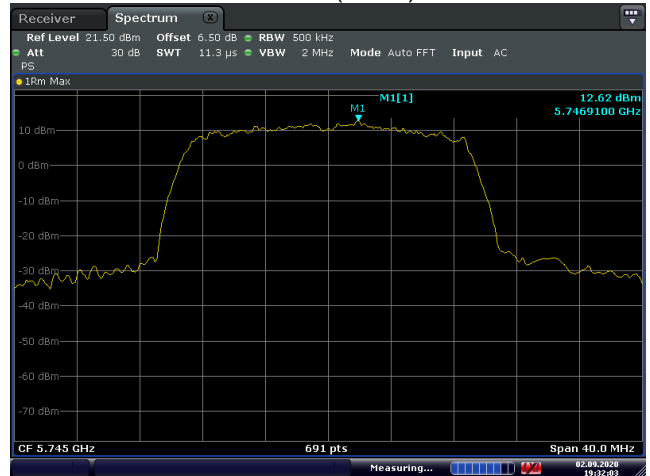
802.11a



Date: 2.SEP.2020 19:34:05

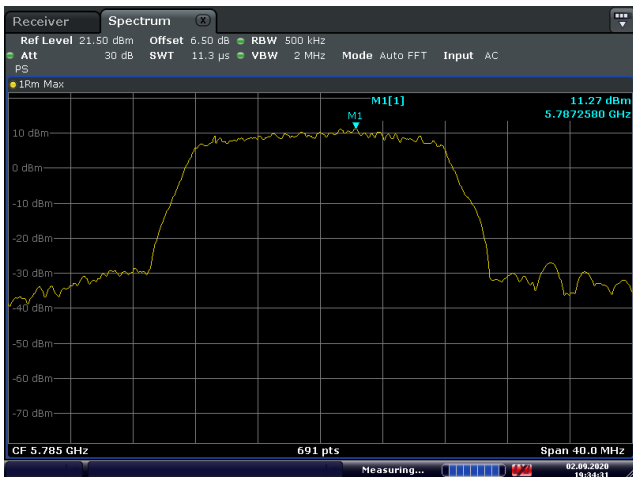
Lowest channel

802.11n(HT20)



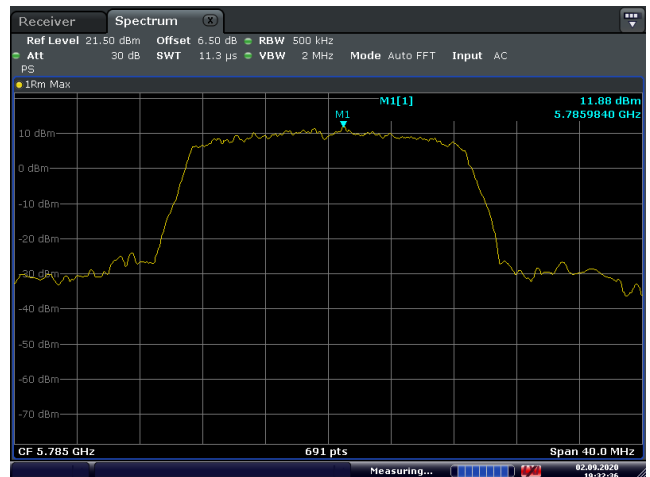
Date: 2.SEP.2020 19:32:03

Middle channel



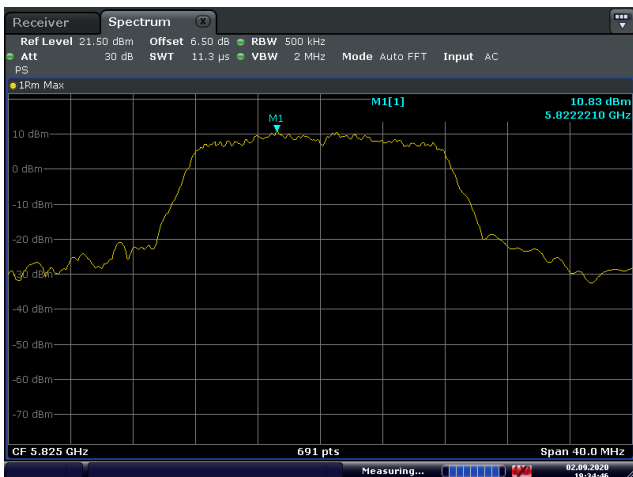
Date: 2.SEP.2020 19:34:31

Middle channel



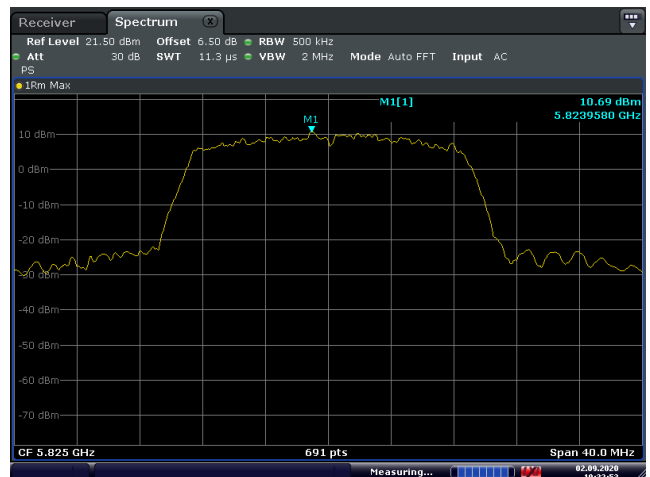
Date: 2.SEP.2020 19:32:56

Middle channel



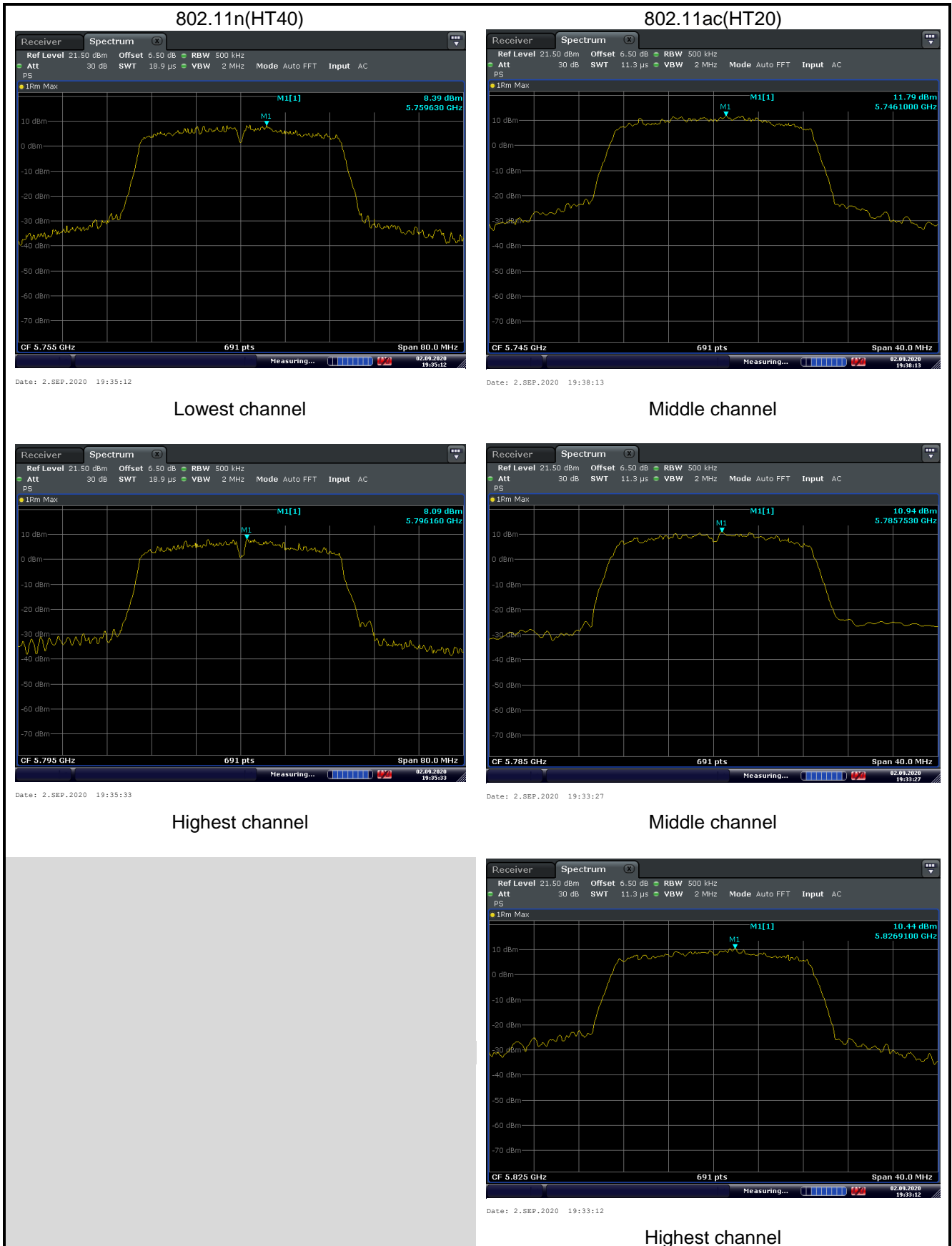
Date: 2.SEP.2020 19:34:46

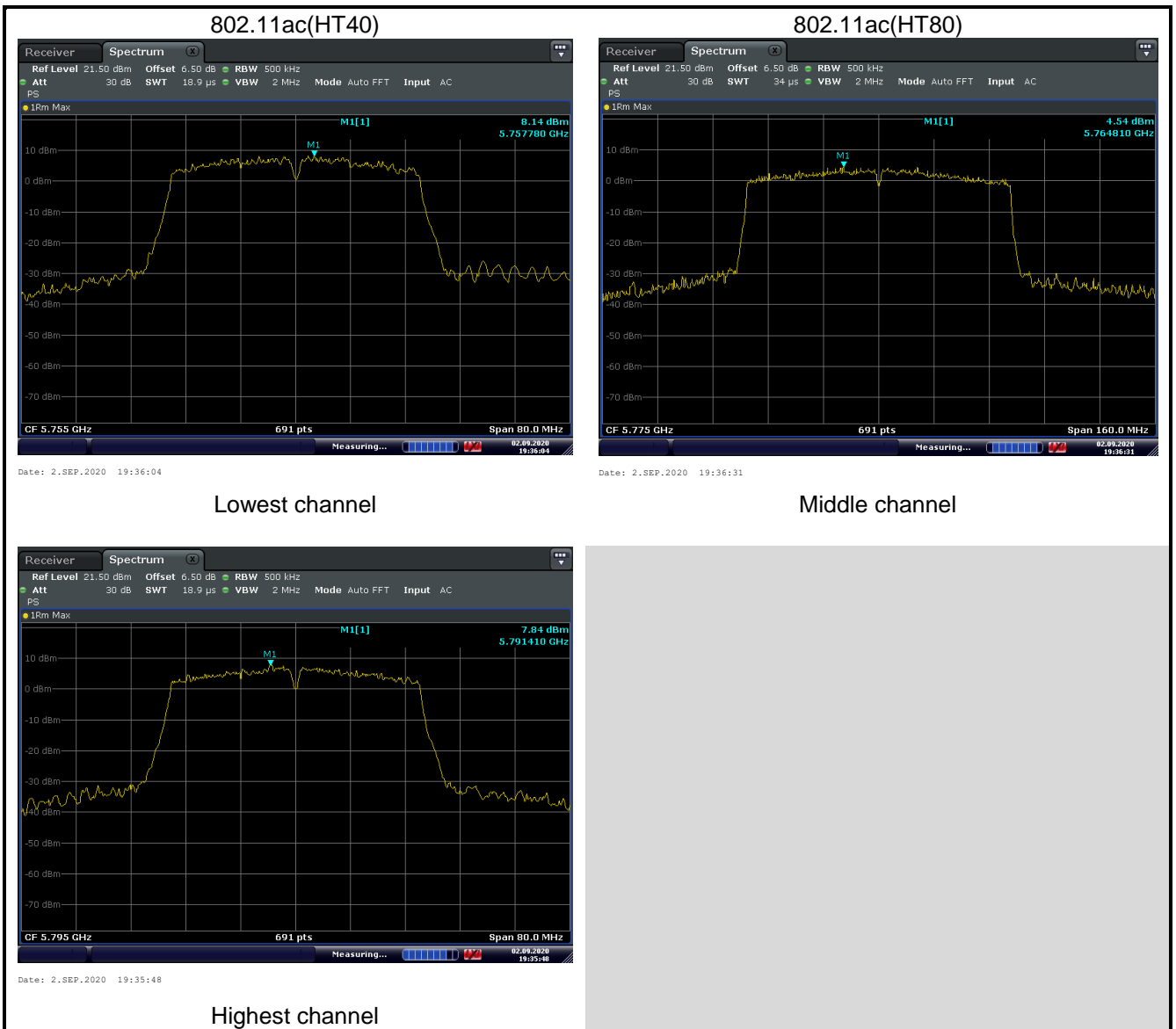
Highest channel



Date: 2.SEP.2020 19:32:53

Highest channel





6.6 Band Edge

Test Requirement:	FCC Part 15 E Section 15.407 (b)			
Receiver setup:	Detector	RBW	VBW	Remark
	Quasi-peak	120kHz	300kHz	Quasi-peak Value
	RMS	1MHz	3MHz	Average Value
Limit:	Band	Limit (dBuV/m @3m)		Remark
	Band 1/2/3	68.20		Peak Value
		54.00		Average Value
	<p>Band 4 limit: For transmitters operating in the 5.725-5.85 GHz band: All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.</p> <p>Remark: 1. Band 1/2/3 limit: $E[dB\mu V/m] = EIRP[dBm] + 95.2 = 68.2 \text{ dBuV/m}$, for $EIPR[dBm] = -27 \text{ dBm}$. 2. Band 4 limit: $E[dB\mu V/m] = EIRP[dBm] + 95.2 = 68.2 \text{ dBuV/m}$, for $EIPR[dBm] = -27 \text{ dBm}$. $E[dB\mu V/m] = EIRP[dBm] + 95.2 = 105.2 \text{ dBuV/m}$, for $EIPR[dBm] = 10 \text{ dBm}$. $E[dB\mu V/m] = EIRP[dBm] + 95.2 = 110.8 \text{ dBuV/m}$, for $EIPR[dBm] = 15.6 \text{ dBm}$. $E[dB\mu V/m] = EIRP[dBm] + 95.2 = 122.2 \text{ dBuV/m}$, for $EIPR[dBm] = 27 \text{ dBm}$.</p>			
Test Procedure:	<ol style="list-style-type: none"> The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. 			
Test setup:	<p>The diagram illustrates the test setup. An EUT (Equipment Under Test) is placed on a turntable at a height of 0.8m. The turntable is 3m away from a horn antenna mounted on an antenna tower. The antenna tower is positioned on a ground reference plane. The test receiver system, including a test receiver, pre-amplifier, and controller, is also on the ground reference plane.</p>			
Test Instruments:	Refer to section 5.10 for details			
Test mode:	Refer to section 5.3 for details			
Test results:	Passed			

Measurement Data (worst case):

Band 1:

Band 1 – 802.11a									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	53.16	31.77	7.05	2.54	41.93	52.59	68.20	-15.61	Horizontal
5150.00	54.19	31.77	7.05	2.54	41.93	53.62	68.20	-14.58	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	48.52	31.77	7.05	2.54	41.93	47.95	54.00	-6.05	Horizontal
5150.00	49.16	31.77	7.05	2.54	41.93	48.59	54.00	-5.41	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	53.98	32.24	7.11	2.61	41.89	54.05	68.20	-14.15	Horizontal
5350.00	53.67	32.24	7.11	2.61	41.89	53.74	68.20	-14.46	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	48.19	32.24	7.11	2.61	41.89	48.26	54.00	-5.74	Horizontal
5350.00	48.55	32.24	7.11	2.61	41.89	48.62	54.00	-5.38	Vertical
Remark:									
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.</i>									
2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>									

Band 1 – 802.11n(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	54.19	31.77	7.05	2.54	41.93	53.62	68.20	-14.58	Horizontal
5150.00	54.92	31.77	7.05	2.54	41.93	54.35	68.20	-13.85	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	48.13	31.77	7.05	2.54	41.93	47.56	54.00	-6.44	Horizontal
5150.00	48.92	31.77	7.05	2.54	41.93	48.35	54.00	-5.65	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	53.15	32.24	7.11	2.61	41.89	53.22	68.20	-14.98	Horizontal
5350.00	53.57	32.24	7.11	2.61	41.89	53.64	68.20	-14.56	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	48.63	32.24	7.11	2.61	41.89	48.70	54.00	-5.30	Horizontal
5350.00	48.69	32.24	7.11	2.61	41.89	48.76	54.00	-5.24	Vertical
Remark:									
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.</i>									
2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>									

Band 1 – 802.11n(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	54.87	31.77	7.05	2.54	41.93	54.30	68.20	-13.90	Horizontal
5150.00	54.19	31.77	7.05	2.54	41.93	53.62	68.20	-14.58	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	48.32	31.77	7.05	2.54	41.93	47.75	54.00	-6.25	Horizontal
5150.00	48.15	31.77	7.05	2.54	41.93	47.58	54.00	-6.42	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	53.92	32.02	7.09	2.54	41.93	53.64	68.20	-14.56	Horizontal
5350.00	53.87	32.02	7.09	2.54	41.93	53.59	68.20	-14.61	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	48.16	32.02	7.09	2.54	41.93	47.88	54.00	-6.12	Horizontal
5350.00	48.25	32.02	7.09	2.54	41.93	47.97	54.00	-6.03	Vertical
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 1 – 802.11ac(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	53.47	31.77	7.05	2.54	41.93	52.90	68.20	-15.30	Horizontal
5150.00	53.44	31.77	7.05	2.54	41.93	52.87	68.20	-15.33	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	48.14	31.77	7.05	2.54	41.93	47.57	54.00	-6.43	Horizontal
5150.00	48.25	31.77	7.05	2.54	41.93	47.68	54.00	-6.32	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	53.64	32.24	7.11	2.61	41.89	53.71	68.20	-14.49	Horizontal
5350.00	54.29	32.24	7.11	2.61	41.89	54.36	68.20	-13.84	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	48.15	32.24	7.11	2.61	41.89	48.22	54.00	-5.78	Horizontal
5350.00	48.37	32.24	7.11	2.61	41.89	48.44	54.00	-5.56	Vertical
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 1 – 802.11ac(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	53.43	31.77	7.05	2.54	41.93	52.86	68.20	-15.34	Horizontal
5150.00	53.19	31.77	7.05	2.54	41.93	52.62	68.20	-15.58	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	48.52	31.77	7.05	2.54	41.93	47.95	54.00	-6.05	Horizontal
5150.00	48.12	31.77	7.05	2.54	41.93	47.55	54.00	-6.45	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	53.47	32.24	7.11	2.61	41.89	53.54	68.20	-14.66	Horizontal
5350.00	54.16	32.24	7.11	2.61	41.89	54.23	68.20	-13.97	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	48.97	32.24	7.11	2.61	41.89	49.04	54.00	-4.96	Horizontal
5350.00	48.26	32.24	7.11	2.61	41.89	48.33	54.00	-5.67	Vertical
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 1 – 802.11ac(HT80)									
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	53.41	31.77	7.05	2.54	41.93	52.84	68.20	-15.36	Horizontal
5150.00	54.63	31.77	7.05	2.54	41.93	54.06	68.20	-14.14	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	48.54	31.77	7.05	2.54	41.93	47.97	54.00	-6.03	Horizontal
5150.00	48.15	31.77	7.05	2.54	41.93	47.58	54.00	-6.42	Vertical
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	53.92	32.24	7.11	2.61	41.89	53.99	68.20	-14.21	Horizontal
5350.00	53.16	32.24	7.11	2.61	41.89	53.23	68.20	-14.97	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	48.16	32.24	7.11	2.61	41.89	48.23	54.00	-5.77	Horizontal
5350.00	48.27	32.24	7.11	2.61	41.89	48.34	54.00	-5.66	Vertical
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 2:

Band 2 – 802.11a									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	53.16	31.77	7.05	2.54	41.93	52.59	68.20	-15.61	Horizontal
5150.00	53.24	31.77	7.05	2.54	41.93	52.67	68.20	-15.53	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	48.16	31.77	7.05	2.54	41.93	47.59	54.00	-6.41	Horizontal
5150.00	48.73	31.77	7.05	2.54	41.93	48.16	54.00	-5.84	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	53.74	32.24	7.11	2.61	41.89	53.81	68.20	-14.39	Horizontal
5350.00	53.26	32.24	7.11	2.61	41.89	53.33	68.20	-14.87	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	48.57	32.24	7.11	2.61	41.89	48.64	54.00	-5.36	Horizontal
5350.00	48.15	32.24	7.11	2.61	41.89	48.22	54.00	-5.78	Vertical
Remark:									
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor.</i>									
2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>									

Band 2 – 802.11n(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	53.97	31.77	7.05	2.54	41.93	53.40	68.20	-14.80	Horizontal
5150.00	53.26	31.77	7.05	2.54	41.93	52.69	68.20	-15.51	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	48.81	31.77	7.05	2.54	41.93	48.24	54.00	-5.76	Horizontal
5150.00	48.25	31.77	7.05	2.54	41.93	47.68	54.00	-6.32	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	53.41	32.24	7.11	2.61	41.89	53.48	68.20	-14.72	Horizontal
5350.00	53.58	32.24	7.11	2.61	41.89	53.65	68.20	-14.55	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	48.67	32.24	7.11	2.61	41.89	48.74	54.00	-5.26	Horizontal
5350.00	48.51	32.24	7.11	2.61	41.89	48.58	54.00	-5.42	Vertical
<i>Remark:</i>									
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.</i>									
2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>									

Band 2 – 802.11n(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	53.26	31.77	7.05	2.54	41.93	52.69	68.20	-15.51	Horizontal
5150.00	53.74	31.77	7.05	2.54	41.93	53.17	68.20	-15.03	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	48.26	31.77	7.05	2.54	41.93	47.69	54.00	-6.31	Horizontal
5150.00	48.16	31.77	7.05	2.54	41.93	47.59	54.00	-6.41	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	53.97	32.02	7.09	2.54	41.93	53.69	68.20	-14.51	Horizontal
5350.00	53.14	32.02	7.09	2.54	41.93	52.86	68.20	-15.34	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	48.25	32.02	7.09	2.54	41.93	47.97	54.00	-6.03	Horizontal
5350.00	48.14	32.02	7.09	2.54	41.93	47.86	54.00	-6.14	Vertical
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 2 – 802.11ac(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	53.92	31.77	7.05	2.54	41.93	53.35	68.20	-14.85	Horizontal
5150.00	53.47	31.77	7.05	2.54	41.93	52.90	68.20	-15.30	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	48.85	31.77	7.05	2.54	41.93	48.28	54.00	-5.72	Horizontal
5150.00	48.47	31.77	7.05	2.54	41.93	47.90	54.00	-6.10	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	53.49	32.24	7.11	2.61	41.89	53.56	68.20	-14.64	Horizontal
5350.00	53.24	32.24	7.11	2.61	41.89	53.31	68.20	-14.89	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	48.16	32.24	7.11	2.61	41.89	48.23	54.00	-5.77	Horizontal
5350.00	48.32	32.24	7.11	2.61	41.89	48.39	54.00	-5.61	Vertical
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 2 – 802.11ac(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	53.61	31.77	7.05	2.54	41.93	53.04	68.20	-15.16	Horizontal
5150.00	53.24	31.77	7.05	2.54	41.93	52.67	68.20	-15.53	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	48.16	31.77	7.05	2.54	41.93	47.59	54.00	-6.41	Horizontal
5150.00	48.24	31.77	7.05	2.54	41.93	47.67	54.00	-6.33	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	53.15	32.24	7.11	2.61	41.89	53.22	68.20	-14.98	Horizontal
5350.00	53.92	32.24	7.11	2.61	41.89	53.99	68.20	-14.21	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	48.85	32.24	7.11	2.61	41.89	48.92	54.00	-5.08	Horizontal
5350.00	48.24	32.24	7.11	2.61	41.89	48.31	54.00	-5.69	Vertical
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 2 – 802.11ac(HT80)									
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	53.16	31.77	7.05	2.54	41.93	52.59	68.20	-15.61	Horizontal
5150.00	53.85	31.77	7.05	2.54	41.93	53.28	68.20	-14.92	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5150.00	48.84	31.77	7.05	2.54	41.93	48.27	54.00	-5.73	Horizontal
5150.00	48.24	31.77	7.05	2.54	41.93	47.67	54.00	-6.33	Vertical
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	53.97	32.24	7.11	2.61	41.89	54.04	68.20	-14.16	Horizontal
5350.00	53.24	32.24	7.11	2.61	41.89	53.31	68.20	-14.89	Vertical
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5350.00	48.16	32.24	7.11	2.61	41.89	48.23	54.00	-5.77	Horizontal
5350.00	48.32	32.24	7.11	2.61	41.89	48.39	54.00	-5.61	Vertical
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 3:

Band 3 – 802.11a								
Test channel: Lowest channel								
Detector: Peak Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	55.16	32.23	6.97	41.84	55.17	78.20	-23.03	Horizontal
5470.00	51.92	32.23	6.97	41.84	51.93	78.20	-26.27	Vertical
Detector: Average Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	48.26	32.23	6.97	41.84	48.27	54.00	-5.73	Horizontal
5470.00	45.26	32.23	6.97	41.84	45.27	54.00	-8.73	Vertical
Test channel: Highest channel								
Detector: Peak Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	48.92	32.39	7.11	41.94	49.20	78.20	-29.00	Horizontal
5725.00	47.16	32.39	7.11	41.94	47.44	78.20	-30.76	Vertical
Detector: Average Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	40.22	32.39	7.11	41.94	40.50	54.00	-13.50	Horizontal
5725.00	40.34	32.39	7.11	41.94	40.62	54.00	-13.38	Vertical
Remark:								
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.</i>								
2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>								

Band 3 – 802.11n(HT20)								
Test channel: Lowest channel								
Detector: Peak Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	55.92	32.23	6.97	41.84	55.93	78.20	-22.27	Horizontal
5470.00	51.34	32.23	6.97	41.84	51.35	78.20	-26.85	Vertical
Detector: Average Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	48.16	32.23	6.97	41.84	48.17	54.00	-5.83	Horizontal
5470.00	45.72	32.23	6.97	41.84	45.73	54.00	-8.27	Vertical
Test channel: Highest channel								
Detector: Peak Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	48.20	32.39	7.11	41.94	48.48	78.20	-29.72	Horizontal
5725.00	47.64	32.39	7.11	41.94	47.92	78.20	-30.28	Vertical
Detector: Average Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	40.19	32.39	7.11	41.94	40.47	54.00	-13.53	Horizontal
5725.00	40.24	32.39	7.11	41.94	40.52	54.00	-13.48	Vertical
<i>Remark:</i>								
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.</i>								
2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>								

Band 3 – 802.11n(HT40)								
Test channel: Lowest channel								
Detector: Peak Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	55.74	32.23	6.97	41.84	55.75	78.20	-22.45	Horizontal
5470.00	51.62	32.23	6.97	41.84	51.63	78.20	-26.57	Vertical
Detector: Average Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	48.92	32.23	6.97	41.84	48.93	54.00	-5.07	Horizontal
5470.00	45.13	32.23	6.97	41.84	45.14	54.00	-8.86	Vertical
Test channel: Highest channel								
Detector: Peak Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	48.92	32.39	7.11	41.94	49.20	78.20	-29.00	Horizontal
5725.00	47.43	32.39	7.11	41.94	47.71	78.20	-30.49	Vertical
Detector: Average Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	40.92	32.39	7.11	41.94	41.20	54.00	-12.80	Horizontal
5725.00	40.63	32.39	7.11	41.94	40.91	54.00	-13.09	Vertical
Remark:								
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor.</i>								
2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>								

Band 3 – 802.11ac(HT20)								
Test channel: Lowest channel								
Detector: Peak Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	55.47	32.23	6.97	41.84	55.48	78.20	-22.72	Horizontal
5470.00	51.92	32.23	6.97	41.84	51.93	78.20	-26.27	Vertical
Detector: Average Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	48.71	32.23	6.97	41.84	48.72	54.00	-5.28	Horizontal
5470.00	46.23	32.23	6.97	41.84	46.24	54.00	-7.76	Vertical
Test channel: Highest channel								
Detector: Peak Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	50.97	32.39	7.11	41.94	51.25	78.20	-26.95	Horizontal
5725.00	50.63	32.39	7.11	41.94	50.91	78.20	-27.29	Vertical
Detector: Average Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	46.24	32.39	7.11	41.94	46.52	54.00	-7.48	Horizontal
5725.00	46.11	32.39	7.11	41.94	46.39	54.00	-7.61	Vertical
<i>Remark:</i>								
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.</i>								
2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>								

Band 3 – 802.11ac(HT40)								
Test channel: Lowest channel								
Detector: Peak Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	55.16	32.23	6.97	41.84	55.17	78.20	-23.03	Horizontal
5470.00	51.25	32.23	6.97	41.84	51.26	78.20	-26.94	Vertical
Detector: Average								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	49.24	32.23	6.97	41.84	49.25	54.00	-4.75	Horizontal
5470.00	46.83	32.23	6.97	41.84	46.84	54.00	-7.16	Vertical
Test channel: Highest channel								
Detector: Peak Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	50.62	32.39	7.11	41.94	50.90	78.20	-27.30	Horizontal
5725.00	50.14	32.39	7.11	41.94	50.42	78.20	-27.78	Vertical
Detector: Average Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	46.32	32.39	7.11	41.94	46.60	54.00	-7.40	Horizontal
5725.00	46.71	32.39	7.11	41.94	46.99	54.00	-7.01	Vertical
<i>Remark:</i>								
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor.</i>								
2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>								

Band 3 – 802.11ac(HT80)								
Test channel: Lowest channel								
Detector: Peak Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	58.46	32.23	6.97	41.84	58.47	78.20	-19.73	Horizontal
5470.00	56.16	32.23	6.97	41.84	56.17	78.20	-22.03	Vertical
Detector: Average Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5470.00	50.16	32.23	6.97	41.84	50.17	54.00	-3.83	Horizontal
5470.00	48.26	32.23	6.97	41.84	48.27	54.00	-5.73	Vertical
Test channel: Highest channel								
Detector: Peak Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	53.16	32.39	7.11	41.94	53.44	78.20	-24.76	Horizontal
5725.00	52.85	32.39	7.11	41.94	53.13	78.20	-25.07	Vertical
Detector: Average Value								
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5725.00	48.16	32.39	7.11	41.94	48.44	54.00	-5.56	Horizontal
5725.00	47.92	32.39	7.11	41.94	48.20	54.00	-5.80	Vertical
<i>Remark:</i>								
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.</i>								
2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>								

Band 4:

Band 4 – 802.11a									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5650.00	49.51	32.63	7.45	2.69	41.85	50.43	68.20	-17.77	Horizontal
5700.00	50.36	32.64	7.60	2.72	41.90	51.42	105.20	-53.78	Horizontal
5720.00	52.14	32.65	7.64	2.72	41.92	53.23	110.80	-57.57	Horizontal
5725.00	58.97	32.65	7.69	2.72	41.94	60.09	122.20	-62.11	Horizontal
5650.00	49.36	32.63	7.45	2.69	41.85	50.28	68.20	-17.92	Vertical
5700.00	50.14	32.64	7.60	2.72	41.90	51.20	105.20	-54.00	Vertical
5720.00	50.24	32.65	7.64	2.72	41.92	51.33	110.80	-59.47	Vertical
5725.00	52.83	32.65	7.69	2.72	41.94	53.95	122.20	-68.25	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5850.00	53.92	32.67	7.90	2.69	42.03	55.15	122.20	-67.05	Horizontal
5855.00	71.48	32.67	7.90	2.72	42.03	72.74	110.80	-38.06	Horizontal
5875.00	49.24	32.68	7.91	2.72	42.03	50.52	105.20	-54.68	Horizontal
5925.00	49.22	32.69	7.92	2.72	42.04	50.51	68.20	-17.69	Horizontal
5850.00	49.71	32.67	7.90	2.69	42.03	50.94	122.20	-71.26	Vertical
5855.00	49.51	32.67	7.90	2.72	42.03	50.77	110.80	-60.03	Vertical
5875.00	49.52	32.68	7.91	2.72	42.03	50.80	105.20	-54.40	Vertical
5925.00	49.37	32.69	7.92	2.72	42.04	50.66	68.20	-17.54	Vertical
Remark: 1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor.</i> 2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>									

Band 4 – 802.11n(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5650.00	48.48	32.63	7.45	2.69	41.85	49.40	68.20	-18.80	Horizontal
5700.00	48.71	32.64	7.60	2.72	41.90	49.77	105.20	-55.43	Horizontal
5720.00	50.38	32.65	7.64	2.72	41.92	51.47	110.80	-59.33	Horizontal
5725.00	54.90	32.65	7.69	2.72	41.94	56.02	122.20	-66.18	Horizontal
5650.00	49.36	32.63	7.45	2.69	41.85	50.28	68.20	-17.92	Vertical
5700.00	49.72	32.64	7.60	2.72	41.90	50.78	105.20	-54.42	Vertical
5720.00	50.07	32.65	7.64	2.72	41.92	51.16	110.80	-59.64	Vertical
5725.00	50.14	32.65	7.69	2.72	41.94	51.26	122.20	-70.94	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5850.00	53.12	32.67	7.90	2.69	42.03	54.35	122.20	-67.85	Horizontal
5855.00	49.23	32.67	7.90	2.72	42.03	50.49	110.80	-60.31	Horizontal
5875.00	50.15	32.68	7.91	2.72	42.03	51.43	105.20	-53.77	Horizontal
5925.00	50.14	32.69	7.92	2.72	42.04	51.43	68.20	-16.77	Horizontal
5850.00	49.82	32.67	7.90	2.69	42.03	51.05	122.20	-71.15	Vertical
5855.00	50.38	32.67	7.90	2.72	42.03	51.64	110.80	-59.16	Vertical
5875.00	50.55	32.68	7.91	2.72	42.03	51.83	105.20	-53.37	Vertical
5925.00	48.52	32.69	7.92	2.72	42.04	49.81	68.20	-18.39	Vertical

Remark:

- Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor.*
- The emission levels of other frequencies are very lower than the limit and not show in test report.*

Band 4 – 802.11n(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5650.00	49.31	32.63	7.45	2.69	41.85	50.23	68.20	-17.97	Horizontal
5700.00	50.20	32.64	7.60	2.72	41.90	51.26	105.20	-53.94	Horizontal
5720.00	50.74	32.65	7.64	2.72	41.92	51.83	110.80	-58.97	Horizontal
5725.00	57.78	32.65	7.69	2.72	41.94	58.90	122.20	-63.30	Horizontal
5650.00	48.89	32.63	7.45	2.69	41.85	49.81	68.20	-18.39	Vertical
5700.00	50.39	32.64	7.60	2.72	41.90	51.45	105.20	-53.75	Vertical
5720.00	49.63	32.65	7.64	2.72	41.92	50.72	110.80	-60.08	Vertical
5725.00	51.44	32.65	7.69	2.72	41.94	52.56	122.20	-69.64	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5850.00	53.09	32.67	7.90	2.69	42.03	54.32	122.20	-67.88	Horizontal
5855.00	50.28	32.67	7.90	2.72	42.03	51.54	110.80	-59.26	Horizontal
5875.00	49.81	32.68	7.91	2.72	42.03	51.09	105.20	-54.11	Horizontal
5925.00	49.67	32.69	7.92	2.72	42.04	50.96	68.20	-17.24	Horizontal
5850.00	50.16	32.67	7.90	2.69	42.03	51.39	122.20	-70.81	Vertical
5855.00	50.30	32.67	7.90	2.72	42.03	51.56	110.80	-59.24	Vertical
5875.00	50.36	32.68	7.91	2.72	42.03	51.64	105.20	-53.56	Vertical
5925.00	49.64	32.69	7.92	2.72	42.04	50.93	68.20	-17.27	Vertical

Remark:

- Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor.*
- The emission levels of other frequencies are very lower than the limit and not show in test report.*

Band 4 – 802.11ac(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5650.00	46.08	32.63	7.45	2.69	41.85	47.00	68.20	-21.20	Horizontal
5700.00	46.14	32.64	7.60	2.72	41.90	47.20	105.20	-58.00	Horizontal
5720.00	45.30	32.65	7.64	2.72	41.92	46.39	110.80	-64.41	Horizontal
5725.00	50.64	32.65	7.69	2.72	41.94	51.76	122.20	-70.44	Horizontal
5650.00	46.77	32.63	7.45	2.69	41.85	47.69	68.20	-20.51	Vertical
5700.00	46.09	32.64	7.60	2.72	41.90	47.15	105.20	-58.05	Vertical
5720.00	48.20	32.65	7.64	2.72	41.92	49.29	110.80	-61.51	Vertical
5725.00	51.60	32.65	7.69	2.72	41.94	52.72	122.20	-69.48	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5850.00	52.91	32.67	7.90	2.69	42.03	54.14	122.20	-68.06	Horizontal
5855.00	49.84	32.67	7.90	2.72	42.03	51.10	110.80	-59.70	Horizontal
5875.00	50.11	32.68	7.91	2.72	42.03	51.39	105.20	-53.81	Horizontal
5925.00	49.63	32.69	7.92	2.72	42.04	50.92	68.20	-17.28	Horizontal
5850.00	49.48	32.67	7.90	2.69	42.03	50.71	122.20	-71.49	Vertical
5855.00	50.12	32.67	7.90	2.72	42.03	51.38	110.80	-59.42	Vertical
5875.00	50.94	32.68	7.91	2.72	42.03	52.22	105.20	-52.98	Vertical
5925.00	48.96	32.69	7.92	2.72	42.04	50.25	68.20	-17.95	Vertical

Remark:

- Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor.
- The emission levels of other frequencies are very lower than the limit and not show in test report.

Band 4 – 802.11ac(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5650.00	46.46	32.63	7.45	2.69	41.85	47.38	68.20	-20.82	Horizontal
5700.00	45.59	32.64	7.60	2.72	41.90	46.65	105.20	-58.55	Horizontal
5720.00	45.81	32.65	7.64	2.72	41.92	46.90	110.80	-63.90	Horizontal
5725.00	50.46	32.65	7.69	2.72	41.94	51.58	122.20	-70.62	Horizontal
5650.00	46.79	32.63	7.45	2.69	41.85	47.71	68.20	-20.49	Vertical
5700.00	45.78	32.64	7.60	2.72	41.90	46.84	105.20	-58.36	Vertical
5720.00	47.70	32.65	7.64	2.72	41.92	48.79	110.80	-62.01	Vertical
5725.00	51.42	32.65	7.69	2.72	41.94	52.54	122.20	-69.66	Vertical
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5850.00	53.58	32.67	7.90	2.69	42.03	54.81	122.20	-67.39	Horizontal
5855.00	49.72	32.67	7.90	2.72	42.03	50.98	110.80	-59.82	Horizontal
5875.00	50.25	32.68	7.91	2.72	42.03	51.53	105.20	-53.67	Horizontal
5925.00	49.23	32.69	7.92	2.72	42.04	50.52	68.20	-17.68	Horizontal
5850.00	50.49	32.67	7.90	2.69	42.03	51.72	122.20	-70.48	Vertical
5855.00	50.56	32.67	7.90	2.72	42.03	51.82	110.80	-58.98	Vertical
5875.00	51.37	32.68	7.91	2.72	42.03	52.65	105.20	-52.55	Vertical
5925.00	48.65	32.69	7.92	2.72	42.04	49.94	68.20	-18.26	Vertical

Remark:

- Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.*
- The emission levels of other frequencies are very lower than the limit and not show in test report.*

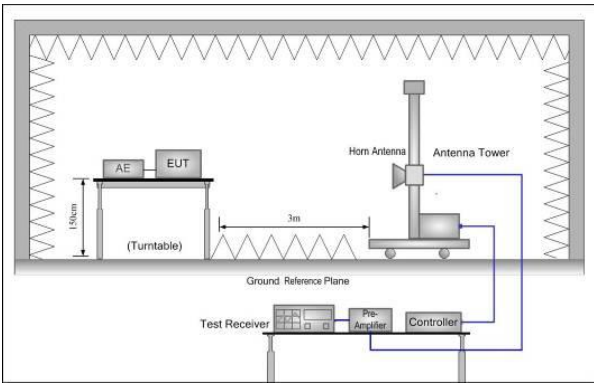
Band 4 – 802.11ac(HT80)									
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5650.00	49.39	32.63	7.45	2.69	41.85	50.31	68.20	-17.89	Horizontal
5700.00	53.77	32.64	7.60	2.72	41.90	54.83	105.20	-50.37	Horizontal
5720.00	53.74	32.65	7.64	2.72	41.92	54.83	110.80	-55.97	Horizontal
5725.00	56.27	32.65	7.69	2.72	41.94	57.39	122.20	-64.81	Horizontal
5650.00	49.04	32.63	7.45	2.69	41.85	49.96	68.20	-18.24	Vertical
5700.00	50.55	32.64	7.60	2.72	41.90	51.61	105.20	-53.59	Vertical
5720.00	50.71	32.65	7.64	2.72	41.92	51.80	110.80	-59.00	Vertical
5725.00	50.58	32.65	7.69	2.72	41.94	51.70	122.20	-70.50	Vertical
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV/m)	Antenna Factor (dB)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
5850.00	54.55	32.67	7.90	2.69	42.03	55.78	122.20	-66.42	Horizontal
5855.00	50.15	32.67	7.90	2.72	42.03	51.41	110.80	-59.39	Horizontal
5875.00	49.74	32.68	7.91	2.72	42.03	51.02	105.20	-54.18	Horizontal
5925.00	49.34	32.69	7.92	2.72	42.04	50.63	68.20	-17.57	Horizontal
5850.00	48.6	32.67	7.90	2.69	42.03	49.83	122.20	-72.37	Vertical
5855.00	49.22	32.67	7.90	2.72	42.03	50.48	110.80	-60.32	Vertical
5875.00	49.12	32.68	7.91	2.72	42.03	50.40	105.20	-54.80	Vertical
5925.00	50.20	32.69	7.92	2.72	42.04	51.49	68.20	-16.71	Vertical

Remark:

- Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Pre-amplifier Factor.*
- The emission levels of other frequencies are very lower than the limit and not show in test report.*

6.7 Spurious Emission

6.7.1 Restricted Band

Test Requirement:	FCC Part15 E Section 15.407(b)				
Test Frequency Range:	4.5 GHz to 5.15 GHz and 5.35GHz to 5.46GHz				
Test site:	Measurement Distance: 3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Remark
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
RMS		1MHz	3MHz	Average Value	
Limit:	Frequency	Limit (dBuV/m @3m)		Remark	
	Above 1GHz	74.00		Peak Value	
54.00		Average Value			
Test Procedure:	<ol style="list-style-type: none"> 1. The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. 3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. 4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. 5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. 				
Test setup:					
Test Instruments:	Refer to section 5.10 for details				
Test mode:	Refer to section 5.3 for details				
Test results:	Passed(Refer to section 6.6)				

6.7.2 Unwanted Emissions out of the Restricted Bands

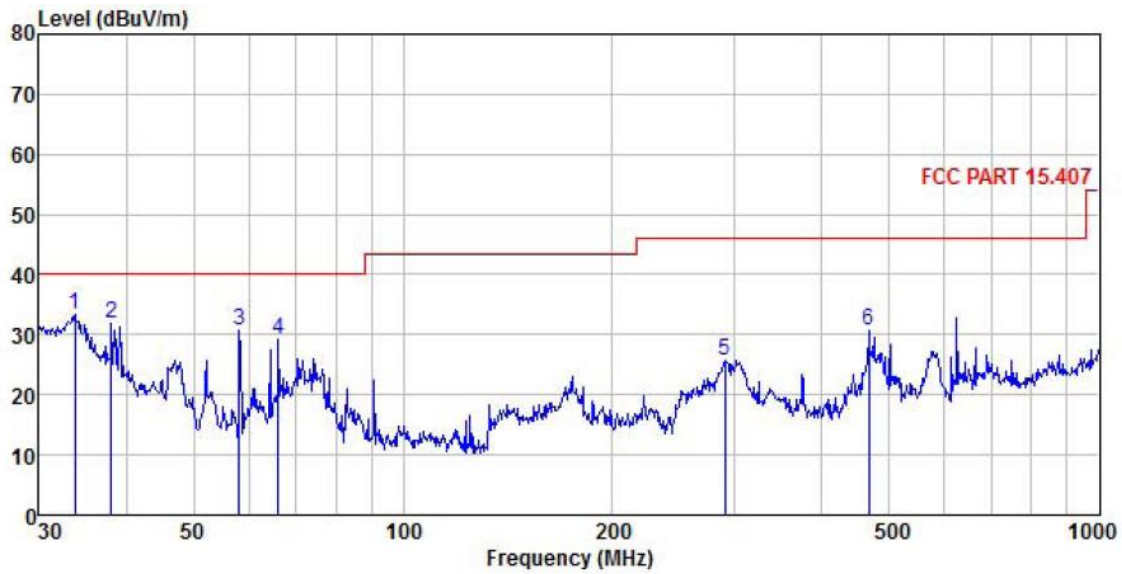
Test Requirement:	FCC Part15 C Section 15.209 and 15.205				
Test Frequency Range:	30MHz to 40GHz				
Test site:	Measurement Distance: 3m				
Receiver setup:	Frequency	Detector	RBW	VBW	Remark
	30MHz-1GHz	Quasi-peak	100kHz	300kHz	Quasi-peak Value
	Above 1GHz	Peak	1MHz	3MHz	Peak Value
RMS		1MHz	3MHz	Average Value	
Limit:	Frequency	Limit (dBuV/m @3m)		Remark	
	30MHz-88MHz	40.0		Quasi-peak Value	
	88MHz-216MHz	43.5		Quasi-peak Value	
	216MHz-960MHz	46.0		Quasi-peak Value	
	960MHz-1GHz	54.0		Quasi-peak Value	
	Above 1GHz	68.20		Peak Value	
54.00		Average Value			
<i>Remark:</i> <i>Above 1GHz limit:</i> $E[dBuV/m] = EIRP[dBm] + 95.2 = 68.2 \text{ dBuV/m, for } EIRP[dBm] = -27dBm.$					
Test Procedure:	<ol style="list-style-type: none"> The EUT was placed on the top of a rotating table 0.8m(below 1GHz)/1.5m(above 1GHz) above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet. 				
Test setup:	<p>Below 1GHz</p> <p>Above 1GHz</p>				

Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data (worst case):

Below 1GHz

Product Name:	BLOUS STREAMING DAC AMPLIFIER	Product Model:	M33
Test By:	Mike	Test mode:	5G Wi-Fi Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Vertical
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24°C Humi: 57%

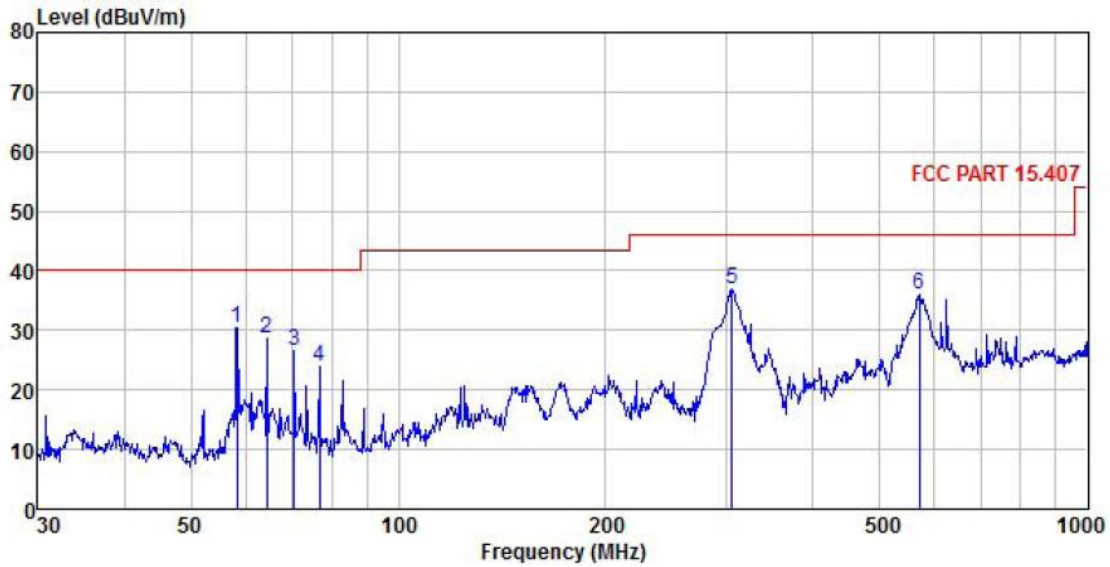


	ReadAntenna	Cable	Aux	Preamp	Limit	Over			
Freq	Level	Factor	Loss	Factor	Factor	Level	Line	Limit	Remark
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB/m	dB	dB	dB	dBuV/m	dBuV/m	dB	
1	33.799	50.93	12.42	0.00	0.00	29.96	33.39	40.00	-6.61 QP
2	38.078	48.97	12.73	0.00	0.00	29.92	31.78	40.00	-8.22 QP
3	58.203	49.38	10.98	0.00	0.00	29.78	30.58	40.00	-9.42 QP
4	66.266	49.10	9.88	0.00	0.00	29.75	29.23	40.00	-10.77 QP
5	290.017	35.49	18.66	0.00	0.00	28.47	25.68	46.00	-20.32 QP
6	467.235	40.45	19.27	0.00	0.00	28.90	30.82	46.00	-15.18 QP

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are very lower than the limit and not show in test report.
3. The Aux Factor is a notch filter switch box loss, this item is not used.

Product Name:	BLOUS STREAMING DAC AMPLIFIER	Product Model:	M33
Test By:	Mike	Test mode:	5G Wi-Fi Tx mode
Test Frequency:	30 MHz ~ 1 GHz	Polarization:	Horizontal
Test Voltage:	AC 120/60Hz	Environment:	Temp: 24°C Huni: 57%



	Read	Antenna	Cable	Aux	Preamp	Limit	Over	
Freq	Level	Factor	Loss	Factor	Factor	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dB	dBuV/m	dBuV/m	dB
1	58.407	49.11	10.96	0.00	0.00	29.78	30.29	40.00 -9.71 QP
2	64.433	48.60	9.89	0.00	0.00	29.76	28.73	40.00 -11.27 QP
3	70.584	46.18	10.25	0.00	0.00	29.72	26.71	40.00 -13.29 QP
4	76.781	41.69	11.98	0.00	0.00	29.67	24.00	40.00 -16.00 QP
5	304.610	46.63	18.71	0.00	0.00	28.46	36.88	46.00 -9.12 QP
6	570.610	45.18	19.73	0.00	0.00	29.03	35.88	46.00 -10.12 QP

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor.
2. The emission levels of other frequencies are very lower than the limit and not show in test report.
3. The Aux Factor is a notch filter switch box loss, this item is not used.

**Above 1GHz:
Band 1:**

Band 1 – 802.11a									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10360.00	46.72	38.83	9.82	3.95	41.97	57.35	68.20	-10.85	Vertical
10360.00	45.18	38.83	9.82	3.95	41.97	55.81	68.20	-12.39	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10360.00	39.25	38.83	9.82	3.95	41.97	49.88	54.00	-4.12	Vertical
10360.00	39.41	38.83	9.82	3.95	41.97	50.04	54.00	-3.96	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10400.00	46.21	38.87	9.85	3.98	41.95	56.96	68.20	-11.24	Vertical
10400.00	45.93	38.87	9.85	3.98	41.95	56.68	68.20	-11.52	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10400.00	39.15	38.87	9.85	3.98	41.95	49.90	54.00	-4.10	Vertical
10400.00	39.84	38.87	9.85	3.98	41.95	50.59	54.00	-3.41	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10480.00	46.27	38.94	9.96	4.02	41.88	57.31	68.20	-10.89	Vertical
10480.00	45.73	38.94	9.96	4.02	41.88	56.77	68.20	-11.43	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10480.00	39.65	38.94	9.96	4.02	41.88	50.69	54.00	-3.31	Vertical
10480.00	39.14	38.94	9.96	4.02	41.88	50.18	54.00	-3.82	Horizontal
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 1 – 802.11n(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10360.00	46.52	38.83	9.82	3.95	41.97	57.15	68.20	-11.05	Vertical
10360.00	46.15	38.83	9.82	3.95	41.97	56.78	68.20	-11.42	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10360.00	39.71	38.83	9.82	3.95	41.97	50.34	54.00	-3.66	Vertical
10360.00	40.16	38.83	9.82	3.95	41.97	50.79	54.00	-3.21	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10400.00	46.81	38.87	9.85	3.98	41.95	57.56	68.20	-10.64	Vertical
10400.00	46.12	38.87	9.85	3.98	41.95	56.87	68.20	-11.33	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10400.00	39.51	38.87	9.85	3.98	41.95	50.26	54.00	-3.74	Vertical
10400.00	39.18	38.87	9.85	3.98	41.95	49.93	54.00	-4.07	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10480.00	46.17	38.94	9.96	4.02	41.88	57.21	68.20	-10.99	Vertical
10480.00	46.03	38.94	9.96	4.02	41.88	57.07	68.20	-11.13	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10480.00	39.51	38.94	9.96	4.02	41.88	50.55	54.00	-3.45	Vertical
10480.00	39.47	38.94	9.96	4.02	41.88	50.51	54.00	-3.49	Horizontal
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 1 – 802.11n(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10380.00	46.84	38.25	9.85	3.95	41.95	56.94	68.20	-11.26	Vertical
10380.00	46.29	38.25	9.85	3.95	41.95	56.39	68.20	-11.81	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10380.00	39.15	38.25	9.85	3.95	41.95	49.25	54.00	-4.75	Vertical
10380.00	40.32	38.25	9.85	3.95	41.95	50.42	54.00	-3.58	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10460.00	46.81	38.92	9.92	3.98	41.90	57.73	68.20	-10.47	Vertical
10460.00	46.22	38.92	9.92	3.98	41.90	57.14	68.20	-11.06	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10460.00	39.48	38.92	9.92	3.98	41.90	50.40	54.00	-3.60	Vertical
10460.00	39.52	38.92	9.92	3.98	41.90	50.44	54.00	-3.56	Horizontal
Remark: 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor. 2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 1 – 802.11ac(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10360.00	46.78	38.83	9.82	3.95	41.97	57.41	68.20	-10.79	Vertical
10360.00	46.27	38.83	9.82	3.95	41.97	56.90	68.20	-11.30	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10360.00	39.89	38.83	9.82	3.95	41.97	50.52	54.00	-3.48	Vertical
10360.00	39.47	38.83	9.82	3.95	41.97	50.10	54.00	-3.90	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10400.00	46.15	38.87	9.85	3.98	41.95	56.90	68.20	-11.30	Vertical
10400.00	45.83	38.87	9.85	3.98	41.95	56.58	68.20	-11.62	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10400.00	40.26	38.87	9.85	3.98	41.95	51.01	54.00	-2.99	Vertical
10400.00	39.24	38.87	9.85	3.98	41.95	49.99	54.00	-4.01	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10480.00	46.92	38.94	9.96	4.02	41.88	57.96	68.20	-10.24	Vertical
10480.00	46.14	38.94	9.96	4.02	41.88	57.18	68.20	-11.02	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10480.00	39.52	38.94	9.96	4.02	41.88	50.56	54.00	-3.44	Vertical
10480.00	39.41	38.94	9.96	4.02	41.88	50.45	54.00	-3.55	Horizontal
Remark: 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor. 2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 1 – 802.11ac(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10380.00	46.81	38.25	9.85	3.95	41.95	56.91	68.20	-11.29	Vertical
10380.00	46.52	38.25	9.85	3.95	41.95	56.62	68.20	-11.58	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10380.00	39.82	38.25	9.85	3.95	41.95	49.92	54.00	-4.08	Vertical
10380.00	39.22	38.25	9.85	3.95	41.95	49.32	54.00	-4.68	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10460.00	46.17	38.92	9.92	3.98	41.90	57.09	68.20	-11.11	Vertical
10460.00	46.29	38.92	9.92	3.98	41.90	57.21	68.20	-10.99	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10460.00	39.38	38.92	9.92	3.98	41.90	50.30	54.00	-3.70	Vertical
10460.00	39.11	38.92	9.92	3.98	41.90	50.03	54.00	-3.97	Horizontal
Remark: 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor. 2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 1 – 802.11ac(HT80)									
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10420.00	46.81	38.89	9.89	3.98	41.93	57.64	68.20	-10.56	Vertical
10420.00	46.17	38.89	9.89	3.98	41.93	57.00	68.20	-11.20	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10420.00	39.26	38.89	9.89	3.98	41.93	50.09	54.00	-3.91	Vertical
10420.00	39.51	38.89	9.89	3.98	41.93	50.34	54.00	-3.66	Horizontal
<i>Remark:</i>									
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.</i>									
2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>									

Band 2:

Band 2 – 802.11a									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10520.00	46.15	39.22	9.99	4.02	41.86	57.52	68.20	-10.68	Vertical
10520.00	46.93	39.22	9.99	4.02	41.86	58.30	68.20	-9.90	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10520.00	39.48	39.22	9.99	4.02	41.86	50.85	54.00	-3.15	Vertical
10520.00	39.24	39.22	9.99	4.02	41.86	50.61	54.00	-3.39	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10600.00	46.83	39.35	10.16	4.05	41.95	58.44	68.20	-9.76	Vertical
10600.00	46.18	39.35	10.16	4.05	41.95	57.79	68.20	-10.41	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10560.00	39.36	39.35	10.16	4.05	41.95	50.97	54.00	-3.03	Vertical
10560.00	39.84	39.35	10.16	4.05	41.95	51.45	54.00	-2.55	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10640.00	46.24	39.39	10.22	4.05	41.98	57.92	68.20	-10.28	Vertical
10640.00	46.18	39.39	10.22	4.05	41.98	57.86	68.20	-10.34	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10640.00	39.25	39.39	10.22	4.05	41.98	50.93	54.00	-3.07	Vertical
10640.00	39.48	39.39	10.22	4.05	41.98	51.16	54.00	-2.84	Horizontal
<i>Remark:</i>									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 2 – 802.11n(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10520.00	46.55	39.22	9.99	4.02	41.86	57.92	68.20	-10.28	Vertical
10520.00	46.18	39.22	9.99	4.02	41.86	57.55	68.20	-10.65	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10520.00	39.67	39.22	9.99	4.02	41.86	51.04	54.00	-2.96	Vertical
10520.00	39.63	39.22	9.99	4.02	41.86	51.00	54.00	-3.00	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10600.00	46.18	39.35	10.16	4.05	41.95	57.79	68.20	-10.41	Vertical
10600.00	46.22	39.35	10.16	4.05	41.95	57.83	68.20	-10.37	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10600.00	39.51	39.35	10.16	4.05	41.95	51.12	54.00	-2.88	Vertical
10600.00	39.16	39.35	10.16	4.05	41.95	50.77	54.00	-3.23	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10640.00	46.87	39.39	10.22	4.05	41.98	58.55	68.20	-9.65	Vertical
10640.00	46.14	39.39	10.22	4.05	41.98	57.82	68.20	-10.38	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10640.00	39.85	39.39	10.22	4.05	41.98	51.53	54.00	-2.47	Vertical
10640.00	40.15	39.39	10.22	4.05	41.98	51.83	54.00	-2.17	Horizontal
Remark: 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor. 2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 2 – 802.11n(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10540.00	46.83	39.26	10.05	4.02	41.89	58.27	68.20	-9.93	Vertical
10540.00	46.71	39.26	10.05	4.02	41.89	58.15	68.20	-10.05	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10540.00	39.52	39.26	10.05	4.02	41.89	50.96	54.00	-3.04	Vertical
10540.00	39.61	39.26	10.05	4.02	41.89	51.05	54.00	-2.95	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10620.00	46.84	39.35	10.16	4.05	41.95	58.45	68.20	-9.75	Vertical
10620.00	46.18	39.35	10.16	4.05	41.95	57.79	68.20	-10.41	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10620.00	39.97	39.35	10.16	4.05	41.95	51.58	54.00	-2.42	Vertical
10620.00	39.23	39.35	10.16	4.05	41.95	50.84	54.00	-3.16	Horizontal
<i>Remark:</i>									
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.</i>									
2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>									

Band 2 – 802.11ac(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10520.00	46.18	39.22	9.99	4.02	41.86	57.55	68.20	-10.65	Vertical
10520.00	46.25	39.22	9.99	4.02	41.86	57.62	68.20	-10.58	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10520.00	39.38	39.22	9.99	4.02	41.86	50.75	54.00	-3.25	Vertical
10520.00	39.74	39.22	9.99	4.02	41.86	51.11	54.00	-2.89	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10560.00	46.18	39.35	10.16	4.05	41.95	57.79	68.20	-10.41	Vertical
10560.00	46.87	39.35	10.16	4.05	41.95	58.48	68.20	-9.72	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10560.00	39.26	39.35	10.16	4.05	41.95	50.87	54.00	-3.13	Vertical
10560.00	39.48	39.35	10.16	4.05	41.95	51.09	54.00	-2.91	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10640.00	46.75	39.39	10.22	4.05	41.98	58.43	68.20	-9.77	Vertical
10640.00	46.13	39.39	10.22	4.05	41.98	57.81	68.20	-10.39	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10640.00	39.52	39.39	10.22	4.05	41.98	51.20	54.00	-2.80	Vertical
10640.00	39.33	39.39	10.22	4.05	41.98	51.01	54.00	-2.99	Horizontal
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 2 – 802.11ac(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10540.00	46.83	39.26	10.05	4.02	41.89	58.27	68.20	-9.93	Vertical
10540.00	46.18	39.26	10.05	4.02	41.89	57.62	68.20	-10.58	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10540.00	39.51	39.26	10.05	4.02	41.89	50.95	54.00	-3.05	Vertical
10540.00	39.48	39.26	10.05	4.02	41.89	50.92	54.00	-3.08	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10620.00	46.85	39.35	10.16	4.05	41.95	58.46	68.20	-9.74	Vertical
10620.00	46.17	39.35	10.16	4.05	41.95	57.78	68.20	-10.42	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10620.00	39.33	39.35	10.16	4.05	41.95	50.94	54.00	-3.06	Vertical
10620.00	39.26	39.35	10.16	4.05	41.95	50.87	54.00	-3.13	Horizontal
<i>Remark:</i>									
1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.</i>									
2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>									

Band 2 – 802.11ac(HT80)									
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10580.00	46.74	39.31	10.10	4.05	41.92	58.28	68.20	-9.92	Vertical
10580.00	46.26	39.31	10.10	4.05	41.92	57.80	68.20	-10.40	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
10580.00	39.52	39.31	10.10	4.05	41.92	51.06	54.00	-2.94	Vertical
10580.00	39.14	39.31	10.10	4.05	41.92	50.68	54.00	-3.32	Horizontal
<i>Remark:</i> 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor. 2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 3:

Band 3 – 802.11a									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11000.00	45.26	39.90	10.91	4.20	42.34	57.93	68.20	-10.27	Vertical
11000.00	45.92	39.90	10.91	4.20	42.34	58.59	68.20	-9.61	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11000.00	38.54	39.90	10.91	4.20	42.34	51.21	54.00	-2.79	Vertical
11000.00	38.16	39.90	10.91	4.20	42.34	50.83	54.00	-3.17	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11200.00	45.83	39.76	10.87	4.20	42.32	58.34	68.20	-9.86	Vertical
11200.00	45.19	39.76	10.87	4.20	42.32	57.70	68.20	-10.50	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11200.00	38.47	39.76	10.87	4.20	42.32	50.98	54.00	-3.02	Vertical
11200.00	38.16	39.76	10.87	4.20	42.32	50.67	54.00	-3.33	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11400.00	45.97	39.62	10.83	4.21	42.30	58.33	68.20	-9.87	Vertical
11400.00	45.27	39.62	10.83	4.21	42.30	57.63	68.20	-10.57	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11400.00	38.16	39.62	10.83	4.21	42.30	50.52	54.00	-3.48	Vertical
11400.00	38.55	39.62	10.83	4.21	42.30	50.91	54.00	-3.09	Horizontal
Remark: 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor. 2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 3 – 802.11n(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11000.00	45.97	39.90	10.91	4.20	42.34	58.64	68.20	-9.56	Vertical
11000.00	45.18	39.90	10.91	4.20	42.34	57.85	68.20	-10.35	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11000.00	38.92	39.90	10.91	4.20	42.34	51.59	54.00	-2.41	Vertical
11000.00	38.14	39.90	10.91	4.20	42.34	50.81	54.00	-3.19	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11200.00	45.92	39.76	10.87	4.20	42.32	58.43	68.20	-9.77	Vertical
11200.00	45.71	39.76	10.87	4.20	42.32	58.22	68.20	-9.98	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11200.00	38.16	39.76	10.87	4.20	42.32	50.67	54.00	-3.33	Vertical
11200.00	38.66	39.76	10.87	4.20	42.32	51.17	54.00	-2.83	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11400.00	45.97	39.62	10.83	4.21	42.30	58.33	68.20	-9.87	Vertical
11400.00	45.83	39.62	10.83	4.21	42.30	58.19	68.20	-10.01	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11400.00	38.64	39.62	10.83	4.21	42.30	51.00	54.00	-3.00	Vertical
11400.00	38.18	39.62	10.83	4.21	42.30	50.54	54.00	-3.46	Horizontal
Remark: 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor. 2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 3 – 802.11n(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11020.00	45.34	39.90	10.91	4.20	42.34	58.01	68.20	-10.19	Vertical
11020.00	45.19	39.90	10.91	4.20	42.34	57.86	68.20	-10.34	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11020.00	38.52	39.90	10.91	4.20	42.34	51.19	54.00	-2.81	Vertical
11020.00	38.66	39.90	10.91	4.20	42.34	51.33	54.00	-2.67	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11180.00	45.19	39.78	10.88	4.20	42.32	57.73	68.20	-10.47	Vertical
11180.00	45.23	39.78	10.88	4.20	42.32	57.77	68.20	-10.43	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11180.00	38.92	39.78	10.88	4.20	42.32	51.46	54.00	-2.54	Vertical
11180.00	38.41	39.78	10.88	4.20	42.32	50.95	54.00	-3.05	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11340.00	45.32	39.67	10.84	4.20	42.31	57.72	68.20	-10.48	Vertical
11340.00	45.19	39.67	10.84	4.20	42.31	57.59	68.20	-10.61	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11340.00	38.33	39.67	10.84	4.20	42.31	50.73	54.00	-3.27	Vertical
11340.00	38.67	39.67	10.84	4.20	42.31	51.07	54.00	-2.93	Horizontal
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 3 – 802.11ac(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11000.00	45.83	39.90	10.91	4.20	42.34	58.50	68.20	-9.70	Vertical
11000.00	45.18	39.90	10.91	4.20	42.34	57.85	68.20	-10.35	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11000.00	38.66	39.90	10.91	4.20	42.34	51.33	54.00	-2.67	Vertical
11000.00	38.47	39.90	10.91	4.20	42.34	51.14	54.00	-2.86	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11200.00	45.16	39.76	10.87	4.20	42.32	57.67	68.20	-10.53	Vertical
11200.00	45.71	39.76	10.87	4.20	42.32	58.22	68.20	-9.98	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11200.00	38.16	39.76	10.87	4.20	42.32	50.67	54.00	-3.33	Vertical
11200.00	38.22	39.76	10.87	4.20	42.32	50.73	54.00	-3.27	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11400.00	45.71	39.62	10.83	4.21	42.30	58.07	68.20	-10.13	Vertical
11400.00	45.83	39.62	10.83	4.21	42.30	58.19	68.20	-10.01	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11400.00	38.33	39.62	10.83	4.21	42.30	50.69	54.00	-3.31	Vertical
11400.00	38.26	39.62	10.83	4.21	42.30	50.62	54.00	-3.38	Horizontal
Remark: 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor. 2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 3 – 802.11ac(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11020.00	45.19	39.90	10.91	4.20	42.34	57.86	68.20	-10.34	Vertical
11020.00	45.82	39.90	10.91	4.20	42.34	58.49	68.20	-9.71	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11020.00	38.63	39.90	10.91	4.20	42.34	51.30	54.00	-2.70	Vertical
11020.00	38.14	39.90	10.91	4.20	42.34	50.81	54.00	-3.19	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11180.00	45.97	39.78	10.88	4.20	42.32	58.51	68.20	-9.69	Vertical
11180.00	45.15	39.78	10.88	4.20	42.32	57.69	68.20	-10.51	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11180.00	38.62	39.78	10.88	4.20	42.32	51.16	54.00	-2.84	Vertical
11180.00	38.46	39.78	10.88	4.20	42.32	51.00	54.00	-3.00	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11340.00	45.59	39.67	10.84	4.20	42.31	57.99	68.20	-10.21	Vertical
11340.00	45.16	39.67	10.84	4.20	42.31	57.56	68.20	-10.64	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11340.00	38.47	39.67	10.84	4.20	42.31	50.87	54.00	-3.13	Vertical
11340.00	38.22	39.67	10.84	4.20	42.31	50.62	54.00	-3.38	Horizontal
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 3 – 802.11ac(HT80)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11060.00	45.16	39.88	10.90	4.20	42.34	57.80	68.20	-10.40	Vertical
11060.00	45.92	39.88	10.90	4.20	42.34	58.56	68.20	-9.64	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11060.00	38.43	39.88	10.90	4.20	42.34	51.07	54.00	-2.93	Vertical
11060.00	38.16	39.88	10.90	4.20	42.34	50.80	54.00	-3.20	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11220.00	45.29	39.76	10.87	4.20	42.32	57.80	68.20	-10.40	Vertical
11220.00	45.32	39.76	10.87	4.20	42.32	57.83	68.20	-10.37	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11220.00	38.33	39.76	10.87	4.20	42.32	50.84	54.00	-3.16	Vertical
11220.00	38.49	39.76	10.87	4.20	42.32	51.00	54.00	-3.00	Horizontal
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 4:

Band 4 – 802.11a									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11490.00	45.16	39.50	10.81	4.21	42.29	53.18	74.00	-20.82	Vertical
11490.00	45.28	39.50	10.81	4.21	42.29	53.30	74.00	-20.70	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11490.00	38.73	39.50	10.81	4.21	42.29	46.75	54.00	-7.25	Vertical
11490.00	38.41	39.50	10.81	4.21	42.29	46.43	54.00	-7.57	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11570.00	45.97	39.52	10.78	4.21	42.27	54.00	74.00	-20.00	Vertical
11570.00	45.18	39.52	10.78	4.21	42.27	53.21	74.00	-20.79	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11570.00	38.36	39.52	10.78	4.21	42.27	46.39	54.00	-7.61	Vertical
11570.00	38.29	39.52	10.78	4.21	42.27	46.32	54.00	-7.68	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11650.00	45.71	39.53	10.76	4.21	42.26	53.74	74.00	-20.26	Vertical
11650.00	45.82	39.53	10.76	4.21	42.26	53.85	74.00	-20.15	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11650.00	38.24	39.53	10.76	4.21	42.26	46.27	54.00	-7.73	Vertical
11650.00	38.97	39.53	10.76	4.21	42.26	47.00	54.00	-7.00	Horizontal
Remark: 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor. 2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 4 – 802.11n(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11490.00	45.49	39.50	10.81	4.21	42.29	53.51	74.00	-20.49	Vertical
11490.00	45.29	39.50	10.81	4.21	42.29	53.31	74.00	-20.69	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11490.00	38.16	39.50	10.81	4.21	42.29	46.18	54.00	-7.82	Vertical
11490.00	38.52	39.50	10.81	4.21	42.29	46.54	54.00	-7.46	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11570.00	45.19	39.52	10.78	4.21	42.27	53.22	74.00	-20.78	Vertical
11570.00	45.23	39.52	10.78	4.21	42.27	53.26	74.00	-20.74	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11570.00	38.48	39.52	10.78	4.21	42.27	46.51	54.00	-7.49	Vertical
11570.00	38.16	39.52	10.78	4.21	42.27	46.19	54.00	-7.81	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11650.00	45.97	39.53	10.76	4.21	42.26	54.00	74.00	-20.00	Vertical
11650.00	45.24	39.53	10.76	4.21	42.26	53.27	74.00	-20.73	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11650.00	38.21	39.53	10.76	4.21	42.26	46.24	54.00	-7.76	Vertical
11650.00	38.63	39.53	10.76	4.21	42.26	46.66	54.00	-7.34	Horizontal
Remark:									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

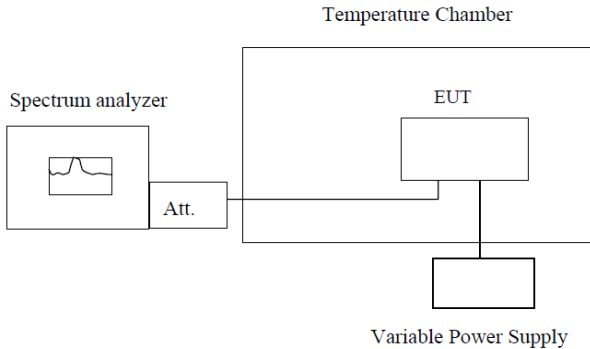
Band 4 – 802.11n(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11510.00	45.78	39.50	10.81	4.21	42.29	53.80	74.00	-20.20	Vertical
11510.00	45.14	39.50	10.81	4.21	42.29	53.16	74.00	-20.84	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11510.00	38.69	39.50	10.81	4.21	42.29	46.71	54.00	-7.29	Vertical
11510.00	38.47	39.50	10.81	4.21	42.29	46.49	54.00	-7.51	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11590.00	45.97	39.52	10.77	4.21	42.27	53.99	74.00	-20.01	Vertical
11590.00	45.18	39.52	10.77	4.21	42.27	53.20	74.00	-20.80	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11590.00	38.54	39.52	10.77	4.21	42.27	46.56	54.00	-7.44	Vertical
11590.00	38.16	39.52	10.77	4.21	42.27	46.18	54.00	-7.82	Horizontal
Remark: 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor. 2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 4 – 802.11ac(HT20)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11490.00	45.71	39.50	10.81	4.21	42.29	53.73	74.00	-20.27	Vertical
11490.00	45.36	39.50	10.81	4.21	42.29	53.38	74.00	-20.62	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11490.00	38.24	39.50	10.81	4.21	42.29	46.26	54.00	-7.74	Vertical
11490.00	38.17	39.50	10.81	4.21	42.29	46.19	54.00	-7.82	Horizontal
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11570.00	45.49	39.52	10.78	4.21	42.27	53.52	74.00	-20.48	Vertical
11570.00	45.21	39.52	10.78	4.21	42.27	53.24	74.00	-20.76	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11570.00	38.69	39.52	10.78	4.21	42.27	46.72	54.00	-7.28	Vertical
11570.00	38.11	39.52	10.78	4.21	42.27	46.14	54.00	-7.86	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11650.00	45.92	39.53	10.76	4.21	42.26	53.95	74.00	-20.05	Vertical
11650.00	45.17	39.53	10.76	4.21	42.26	53.20	74.00	-20.80	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11650.00	38.46	39.53	10.76	4.21	42.26	46.49	54.00	-7.51	Vertical
11650.00	38.28	39.53	10.76	4.21	42.26	46.31	54.00	-7.69	Horizontal
<i>Remark:</i>									
1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.									
2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 4 – 802.11ac(HT40)									
Test channel: Lowest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11510.00	45.78	39.50	10.81	4.21	42.29	53.80	74.00	-20.20	Vertical
11510.00	45.19	39.50	10.81	4.21	42.29	53.21	74.00	-20.79	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11510.00	38.26	39.50	10.81	4.21	42.29	46.28	54.00	-7.72	Vertical
11510.00	38.21	39.50	10.81	4.21	42.29	46.23	54.00	-7.77	Horizontal
Test channel: Highest channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11590.00	45.19	39.52	10.77	4.21	42.27	53.21	74.00	-20.79	Vertical
11590.00	45.71	39.52	10.77	4.21	42.27	53.73	74.00	-20.27	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11590.00	38.61	39.52	10.77	4.21	42.27	46.63	54.00	-7.37	Vertical
11590.00	38.22	39.52	10.77	4.21	42.27	46.24	54.00	-7.76	Horizontal
Remark: 1. Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor. 2. The emission levels of other frequencies are very lower than the limit and not show in test report.									

Band 4 – 802.11ac(HT80)									
Test channel: Middle channel									
Detector: Peak Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11550.00	45.73	39.51	10.80	4.21	42.28	53.76	74.00	-20.24	Vertical
11550.00	45.16	39.51	10.80	4.21	42.28	53.19	74.00	-20.81	Horizontal
Detector: Average Value									
Frequency (MHz)	Read Level (dBuV)	Antenna Factor (dB/m)	Cable Loss (dB)	Aux Factor (dB)	Preamp Factor (dB)	Level (dBuV/m)	Limit Line (dBuV/m)	Over Limit (dB)	Polarization
11550.00	38.21	39.51	10.80	4.21	42.28	46.24	54.00	-7.76	Vertical
11550.00	38.48	39.51	10.80	4.21	42.28	46.51	54.00	-7.49	Horizontal
<i>Remark:</i> 1. <i>Final Level = Receiver Read level + Antenna Factor + Cable Loss + Aux Factor – Preamplifier Factor.</i> 2. <i>The emission levels of other frequencies are very lower than the limit and not show in test report.</i>									

6.8 Frequency stability

Test Requirement:	FCC Part15 E Section 15.407 (g)
Limit:	Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.
Test setup:	<div style="text-align: center;">  <p style="text-align: center;">Temperature Chamber</p> <p style="text-align: center;">Spectrum analyzer</p> <p style="text-align: center;">Att.</p> <p style="text-align: center;">EUT</p> <p style="text-align: center;">Variable Power Supply</p> </div> <p>Note : Measurement setup for testing on Antenna connector</p>
Test procedure:	<ol style="list-style-type: none"> 1. The EUT is installed in an environment test chamber with external power source. 2. Set the chamber to operate at 50 centigrade and external power source to output at nominal voltage of EUT. 3. A sufficient stabilization period at each temperature is used prior to each frequency measurement. 4. When temperature is stabled, measure the frequency stability. 5. The test shall be performed under -30 to 50 centigrade and 85 to 115 percent of the nominal voltage. Change setting of chamber and external power source to complete all conditions.
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data (the worst channel):

Band 1:

Voltage vs. Frequency Stability (Lowest channel=5180MHz)

Test conditions		Frequency(MHz)	Max. Deviation (ppm)
Temp(°C)	Voltage(ac)		
20	102V	5179.997643	0.45
	120V	5179.974779	4.87
	138V	5179.963951	6.96

Temperature vs. Frequency Stability (Lowest channel=5180MHz)

Test conditions		Frequency(MHz)	Max. Deviation (ppm)
Voltage(ac)	Temp(°C)		
120V	-20	5179.987033	2.50
	-10	5179.995377	0.89
	0	5179.968421	6.10
	10	5179.987556	2.40
	20	5179.996681	0.64
	30	5179.974290	4.96
	40	5179.963775	6.99
	50	5179.974929	4.84

Band 2:

Voltage vs. Frequency Stability (Lowest channel=5260MHz)

Test conditions		Frequency(MHz)	Max. Deviation (ppm)
Temp(°C)	Voltage(ac)		
20	102V	5259.968471	5.99
	120V	5259.996387	0.69
	138V	5259.993659	1.21

Temperature vs. Frequency Stability (Lowest channel=5260MHz)

Test conditions		Frequency(MHz)	Max. Deviation (ppm)
Voltage(ac)	Temp(°C)		
120V	-20	5259.996412	0.68
	-10	5259.984786	2.89
	0	5259.996328	0.70
	10	5259.981478	3.52
	20	5259.996480	0.67
	30	5259.969578	5.78
	40	5259.979896	3.82
	50	5259.956548	8.26

Band 3:

Voltage vs. Frequency Stability (Lowest channel=5500MHz)

Test conditions		Frequency(MHz)	Max. Deviation (ppm)
Temp(°C)	Voltage(ac)		
20	102V	5499.997640	0.43
	120V	5499.974756	4.59
	138V	5499.963990	6.55

Temperature vs. Frequency Stability (Lowest channel=5500MHz)

Test conditions		Frequency(MHz)	Max. Deviation (ppm)
Voltage(ac)	Temp(°C)		
120V	-20	5499.987055	2.35
	-10	5499.995381	0.84
	0	5499.968493	5.73
	10	5499.987569	2.26
	20	5499.996647	6.10
	30	5499.974284	4.68
	40	5499.963785	6.58
	50	5499.974999	4.55

Band 4:

Voltage vs. Frequency Stability (Lowest channel=5745MHz)

Test conditions		Frequency(MHz)	Max. Deviation (ppm)
Temp(°C)	Voltage(ac)		
20	102V	5744.974766	4.39
	120V	5744.993381	1.15
	138V	5744.998588	0.25

Temperature vs. Frequency Stability (Lowest channel=5745MHz)

Test conditions		Frequency(MHz)	Max. Deviation (ppm)
Voltage(ac)	Temp(°C)		
120V	-20	5744.994798	0.91
	-10	5744.993693	1.10
	0	5744.994771	0.91
	10	5744.985355	2.55
	20	5744.993864	1.07
	30	5744.994481	0.96
	40	5744.999347	0.11
	50	5744.992458	1.31